

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116612.D
 Acq On : 28 Aug 2019 12:52
 Operator : HP/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 13:18:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 11:25:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	112043	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	464094	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	246900	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	433692	20.00	ng	0.00
76) Chrysene-d12	14.01	240	291844	20.00	ng	0.00
87) Perylene-d12	15.47	264	249898	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	296395	38.65	ng	0.00
7) Phenol-d6	6.49	99	375008	39.88	ng	0.00
23) Nitrobenzene-d5	7.42	82	352671	41.57	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	98070	46.26	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	670831	43.76	ng	0.00
79) Terphenyl-d14	12.96	244	717386	45.92	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.63	88	62814	18.919	ng	97
3) Pyridine	3.38	79	178587	17.663	ng	99
4) n-Nitrosodimethylamine	3.31	42	65889	17.852	ng	98
6) Aniline	6.52	93	247740	19.462	ng	100
8) 2-Chlorophenol	6.65	128	159902	19.871	ng	95
9) Benzaldehyde	6.41	77	89198	14.199	ng	98
10) Phenol	6.50	94	197006	19.295	ng	96
11) bis(2-Chloroethyl)ether	6.59	93	154063	19.818	ng	99
12) 1,3-Dichlorobenzene	6.81	146	180970	20.778	ng	97
13) 1,4-Dichlorobenzene	6.88	146	183886	21.936	ng	99
14) 1,2-Dichlorobenzene	7.04	146	174555	22.073	ng	99
15) Benzyl Alcohol	7.00	79	145661	19.143	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	201884	18.782	ng	100
17) 2-Methylphenol	7.11	107	135427	20.312	ng	96
18) Hexachloroethane	7.38	117	65938	20.169	ng	91
19) n-Nitroso-di-n-propylamine	7.27	70	117267	18.278	ng	97
20) 3+4-Methylphenols	7.26	107	175020	21.429	ng	97
22) Acetophenone	7.27	105	239786	20.662	ng	# 99
24) Nitrobenzene	7.44	77	177830	20.243	ng	98
25) Isophorone	7.68	82	317044	18.966	ng	99
26) 2-Nitrophenol	7.76	139	81528	25.407	ng	92
27) 2,4-Dimethylphenol	7.79	122	128267	19.158	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	200043	19.377	ng	98
29) 2,4-Dichlorophenol	8.00	162	132974	20.884	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	156361	21.813	ng	99
31) Naphthalene	8.17	128	477768	21.281	ng	99
32) Benzoic acid	7.88	122	100219	23.414	ng	92
33) 4-Chloroaniline	8.21	127	203289	20.626	ng	98
34) Hexachlorobutadiene	8.29	225	88035	22.519	ng	99
35) Caprolactam	8.56	113	41455	18.691	ng	93
36) 4-Chloro-3-methylphenol	8.69	107	141368	19.677	ng	98
37) 2-Methylnaphthalene	8.86	142	318725	20.676	ng	98
38) 1-Methylnaphthalene	8.96	142	297610	20.668	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	145212	21.860	ng	100

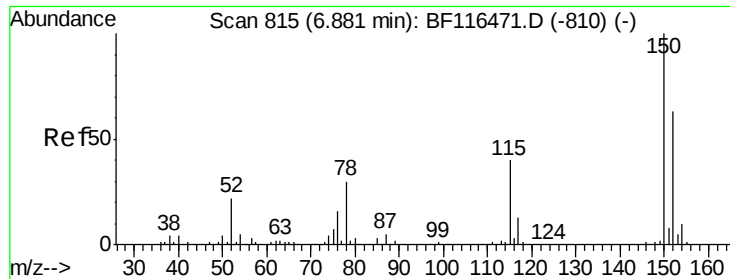
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116612.D
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 QLast Update : Wed Aug 28 11:25:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	78576	21.986	ng	98
43) 2,4,6-Trichlorophenol	9.13	196	98291	21.142	ng	97
44) 2,4,5-Trichlorophenol	9.17	196	99759	21.089	ng	94
46) 1,1'-Biphenyl	9.32	154	417000	21.125	ng	98
47) 2-Chloronaphthalene	9.35	162	317054	20.718	ng	98
48) 2-Nitroaniline	9.43	65	97562	20.821	ng	92
49) Acenaphthylene	9.76	152	465813	20.805	ng	99
50) Dimethylphthalate	9.62	163	360114	20.905	ng	99
51) 2,6-Dinitrotoluene	9.67	165	77434	21.961	ng	97
52) Acenaphthene	9.93	154	305002	21.229	ng	98
53) 3-Nitroaniline	9.84	138	89359	21.261	ng	99
54) 2,4-Dinitrophenol	9.95	184	33696	30.395	ng	# 43
55) Dibenzofuran	10.10	168	427238	21.333	ng	97
56) 4-Nitrophenol	9.99	139	66079	20.228	ng	87
57) 2,4-Dinitrotoluene	10.07	165	100096	22.310	ng	99
58) Fluorene	10.45	166	324178	20.834	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	84792	21.830	ng	98
60) Diethylphthalate	10.32	149	345060	20.380	ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	162889	21.459	ng	98
62) 4-Nitroaniline	10.45	138	87493	21.285	ng	99
63) Azobenzene	10.60	77	346730	19.917	ng	97
65) 4,6-Dinitro-2-methylphenol	10.48	198	44829	28.293	ng	98
66) n-Nitrosodiphenylamine	10.55	169	286259	20.385	ng	100
67) 4-Bromophenyl-phenylether	10.93	248	96887	21.309	ng	95
68) Hexachlorobenzene	11.00	284	106365	21.151	ng	92
69) Atrazine	11.07	200	79759	18.956	ng	99
70) Pentachlorophenol	11.18	266	62687	21.365	ng	99
71) Phenanthrene	11.40	178	498708	21.109	ng	100
72) Anthracene	11.46	178	500007	21.061	ng	99
73) Carbazole	11.60	167	439307	20.615	ng	99
74) Di-n-butylphthalate	11.94	149	547697	20.741	ng	99
75) Fluoranthene	12.59	202	504708	20.663	ng	98
77) Benzidine	12.70	184	149167	12.704	ng	97
78) Pyrene	12.82	202	507077	21.727	ng	100
80) Butylbenzylphthalate	13.43	149	204356	20.275	ng	97
81) Benzo(a)anthracene	14.00	228	403878	21.367	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	122501	18.186	ng	98
83) Chrysene	14.04	228	402179	20.993	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	252403	18.780	ng	# 98
85) Di-n-octyl phthalate	14.61	149	374158	16.398	ng	100
86) Indeno(1,2,3-cd)pyrene	16.92	276	281984	17.182	ng	100
88) Benzo(b)fluoranthene	15.04	252	329866	21.368	ng	99
89) Benzo(k)fluoranthene	15.07	252	302541	21.632	ng	98
90) Benzo(a)pyrene	15.41	252	275420	20.186	ng	98
91) Dibenzo(a,h)anthracene	16.94	278	228335	20.367	ng	99
92) Benzo(g,h,i)perylene	17.36	276	217887	20.386	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

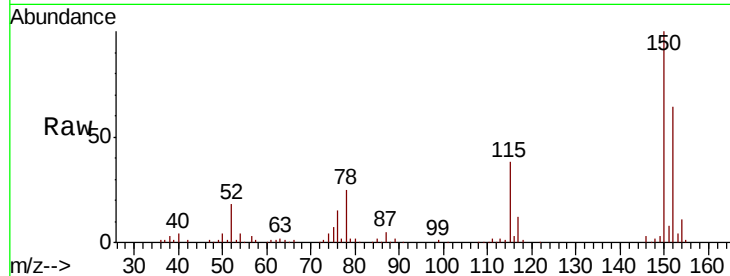


#1

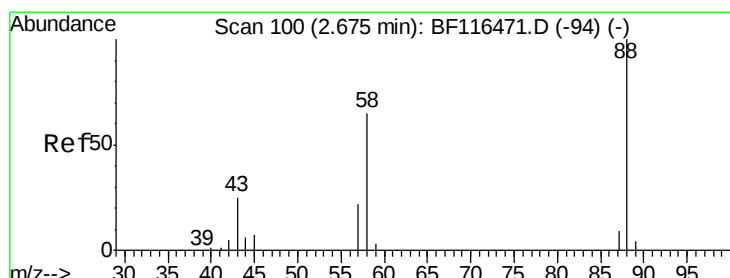
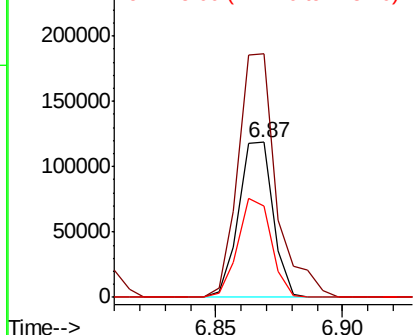
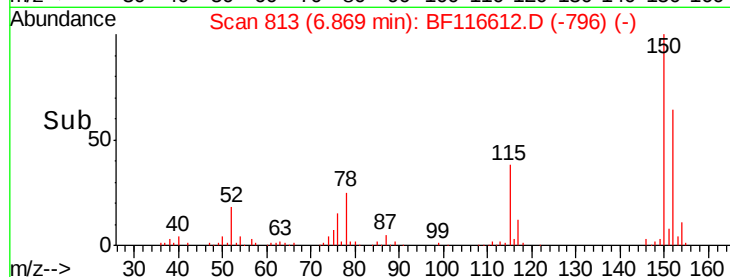
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 112043
Ion Ratio Lower Upper
152 100
150 156.8 123.4 185.2
115 59.0 48.2 72.2



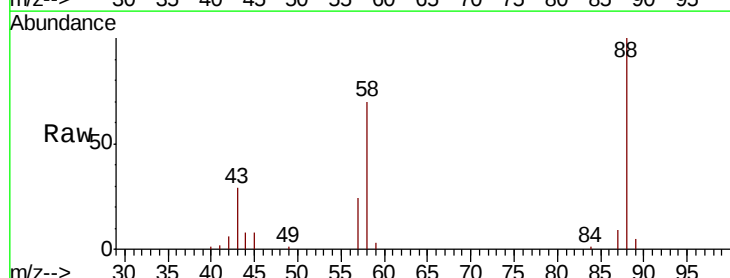
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



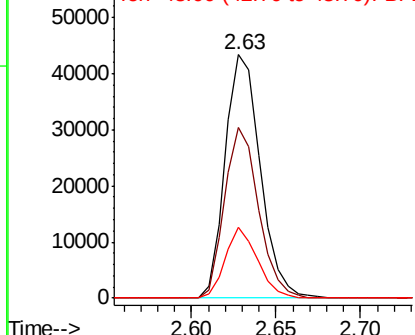
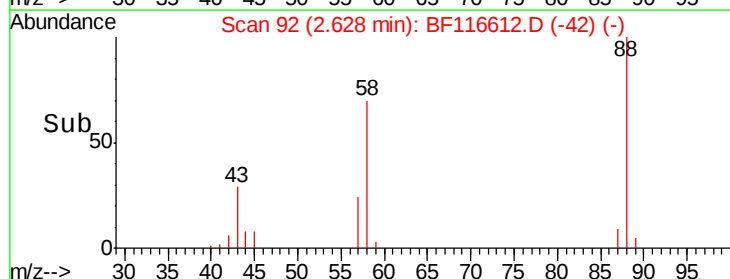
#2

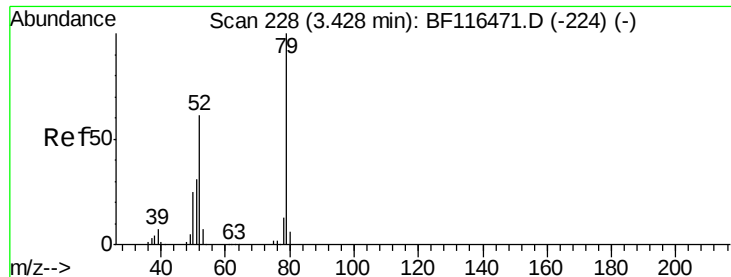
1,4-Dioxane
Concen: 18.919 ng
RT: 2.63 min Scan# 92
Delta R.T. -0.01 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

Tgt Ion: 88 Resp: 62814
Ion Ratio Lower Upper
88 100
58 67.7 51.8 77.8
43 26.4 20.2 30.2



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 17.663 ng

RT: 3.38 min Scan# 220

Delta R.T. -0.01 min

Lab File: BF116612.D

Acq: 28 Aug 2019 12:52

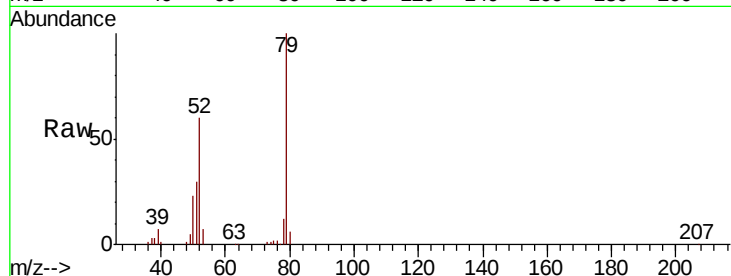
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 178587

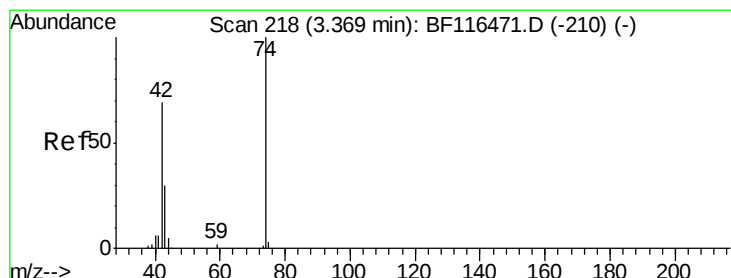
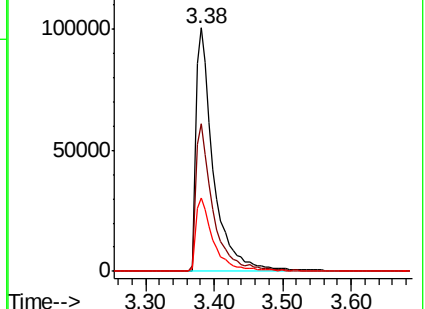
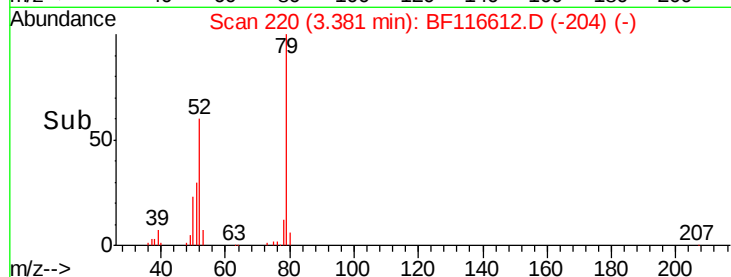
Ion	Ratio	Lower	Upper
79	100		
52	60.5	47.9	71.9
51	30.4	24.4	36.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 17.852 ng

RT: 3.31 min Scan# 208

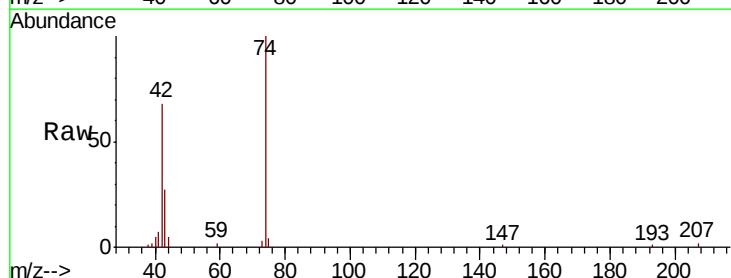
Delta R.T. -0.02 min

Lab File: BF116612.D

Acq: 28 Aug 2019 12:52

Tgt Ion: 42 Resp: 65889

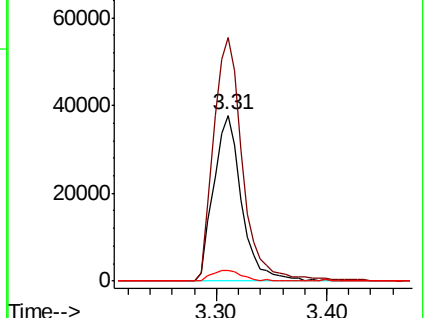
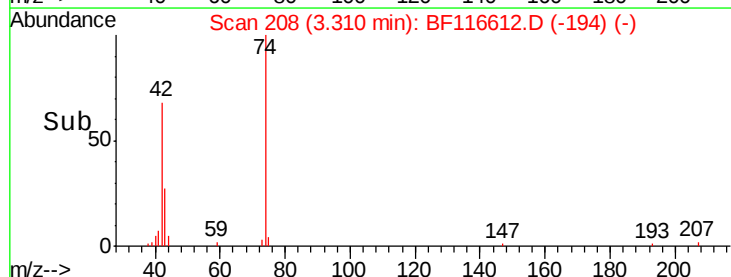
Ion	Ratio	Lower	Upper
42	100		
74	146.9	120.0	180.0
44	6.7	5.4	8.2

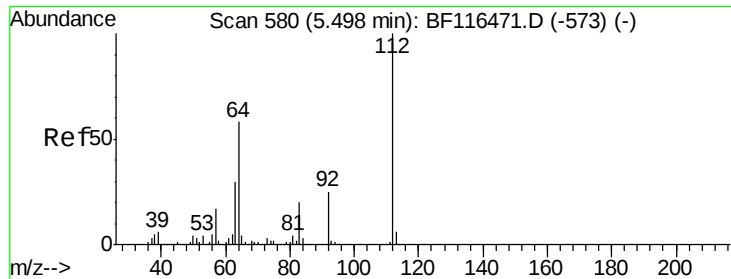


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 38.653 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF116612.D

Acq: 28 Aug 2019 12:52

Instrument :

BNA_F

ClientSampleId :

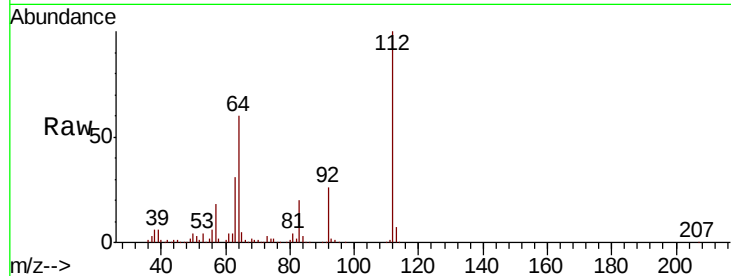
Tot Ion:112 Resp: 296395

Ion Ratio Lower Upper

112 100

64 60.3 48.0 72.0

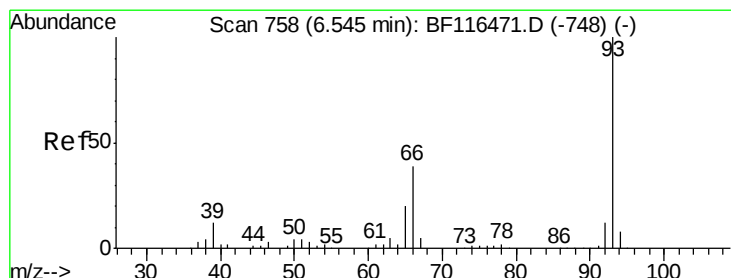
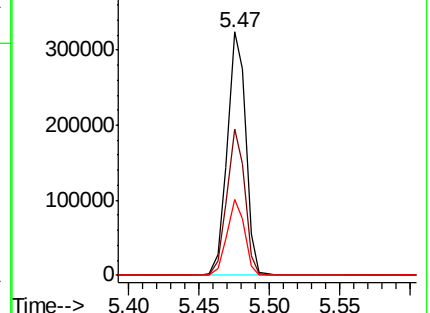
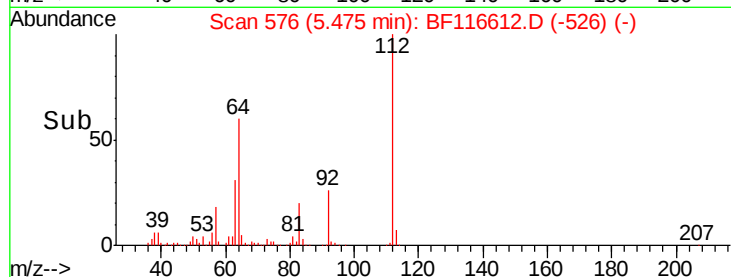
63 31.0 24.6 36.8



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 19.462 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF116612.D

Acq: 28 Aug 2019 12:52

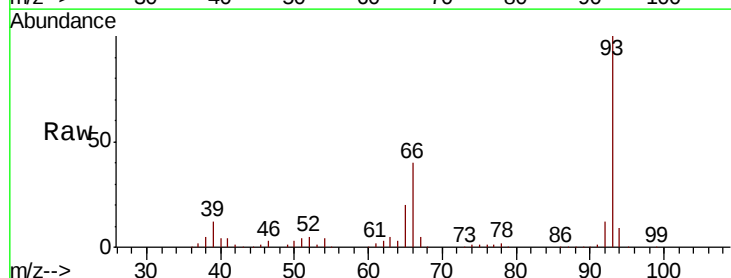
Tgt Ion: 93 Resp: 247740

Ion Ratio Lower Upper

93 100

66 40.3 32.1 48.1

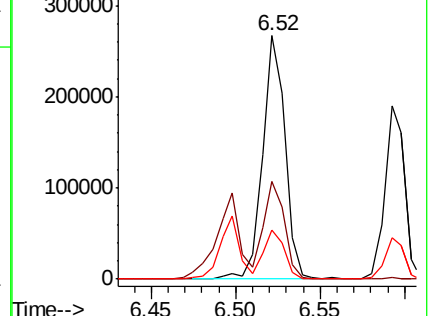
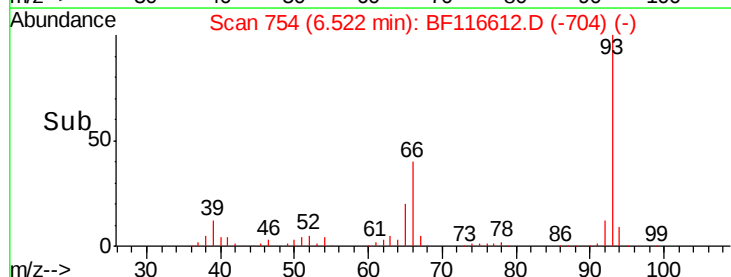
65 20.1 16.2 24.4

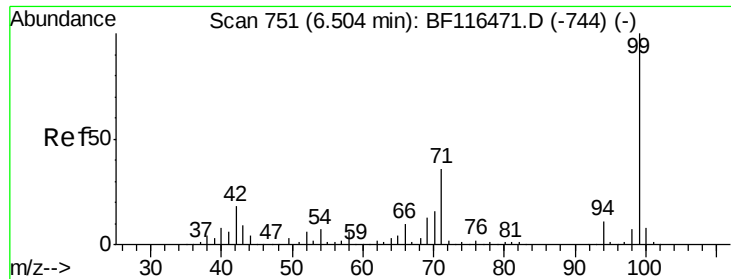


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 39.885 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF116612.D

Acq: 28 Aug 2019 12:52

Instrument :

BNA_F

ClientSampled :

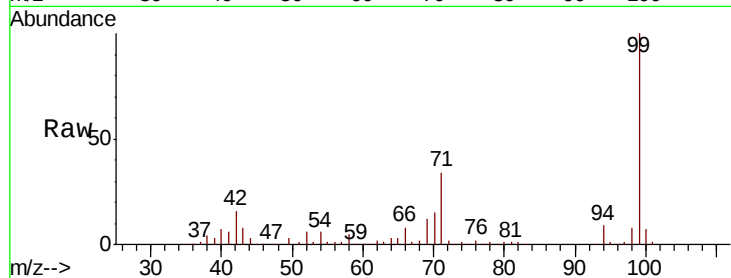
Tot Ion: 99 Resp: 375008

Ion Ratio Lower Upper

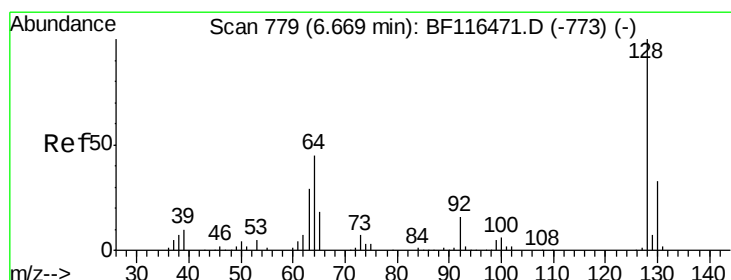
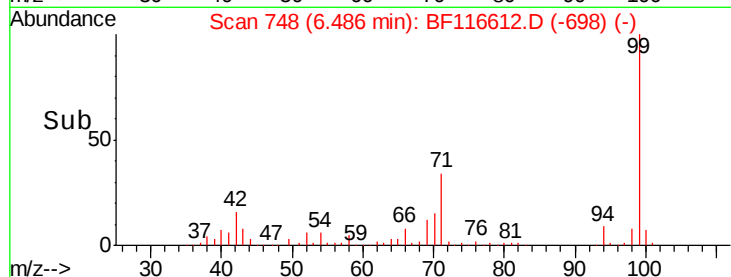
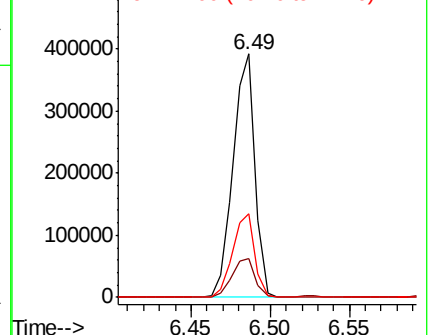
99 100

42 16.1 13.2 19.8

71 34.2 27.4 41.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 19.871 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF116612.D

Acq: 28 Aug 2019 12:52

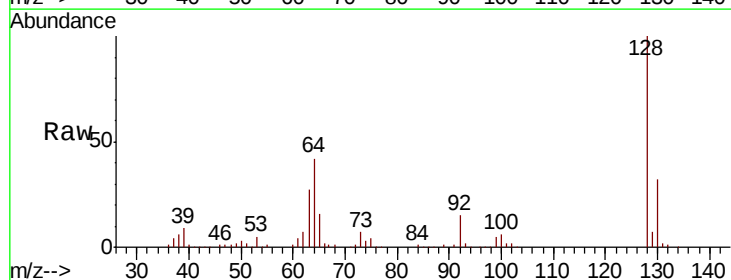
Tgt Ion: 128 Resp: 159902

Ion Ratio Lower Upper

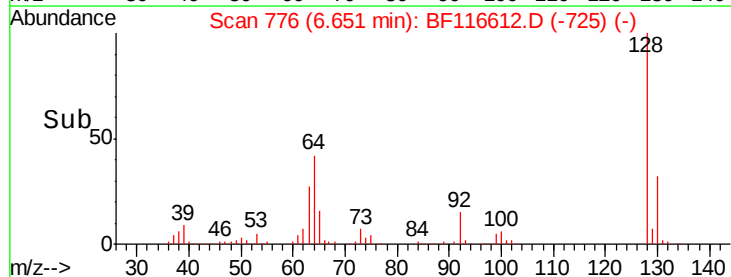
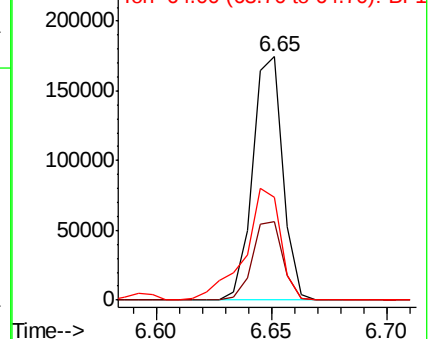
128 100

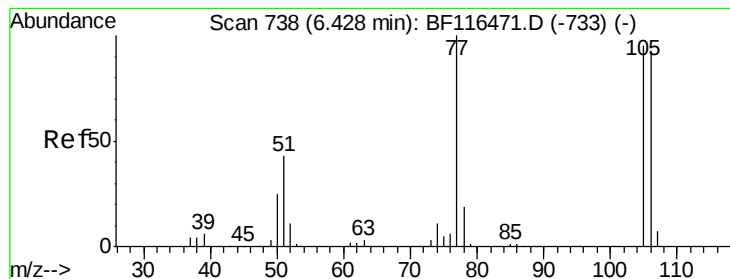
130 32.5 11.8 51.8

64 42.0 26.9 66.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 14.199 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF116612.D

Acq: 28 Aug 2019 12:52

Instrument :

BNA_F

ClientSampled :

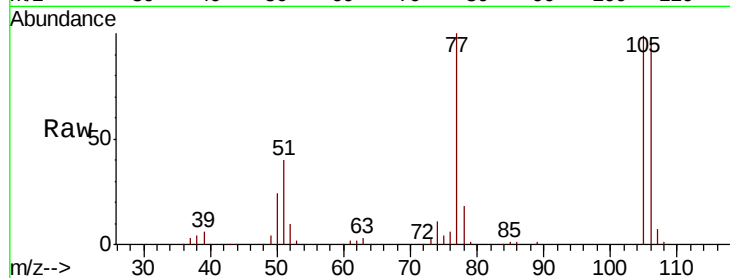
Tot Ion: 77 Resp: 89198

Ion Ratio Lower Upper

77 100

105 98.7 81.6 121.6

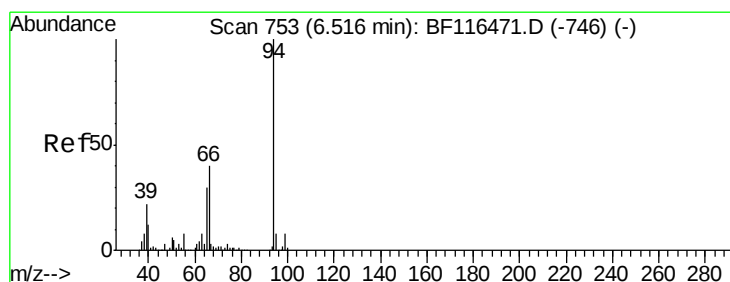
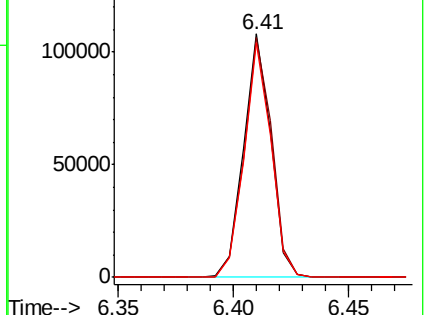
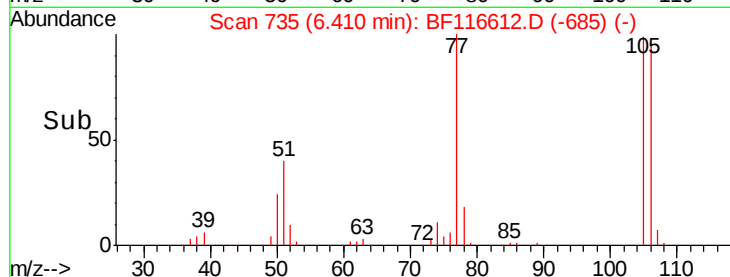
106 96.3 77.1 117.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 19.295 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF116612.D

Acq: 28 Aug 2019 12:52

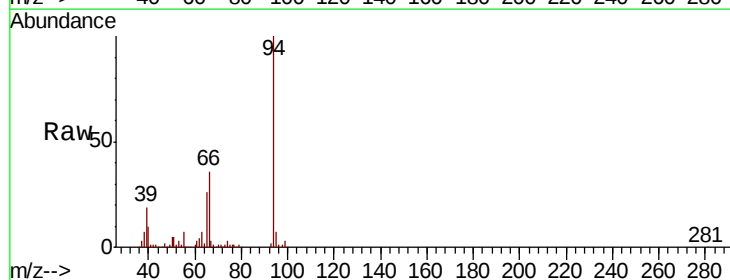
Tgt Ion: 94 Resp: 197006

Ion Ratio Lower Upper

94 100

65 26.4 8.6 48.6

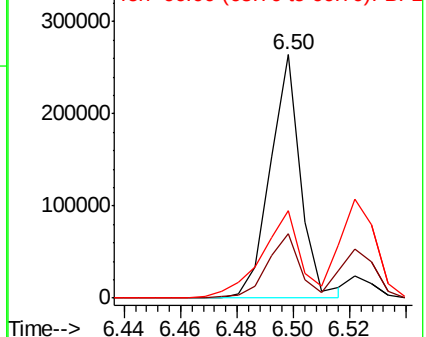
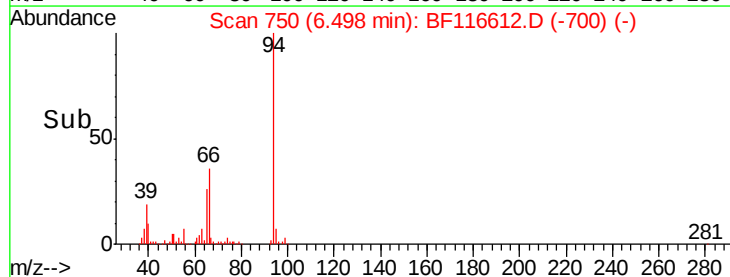
66 35.9 18.0 58.0

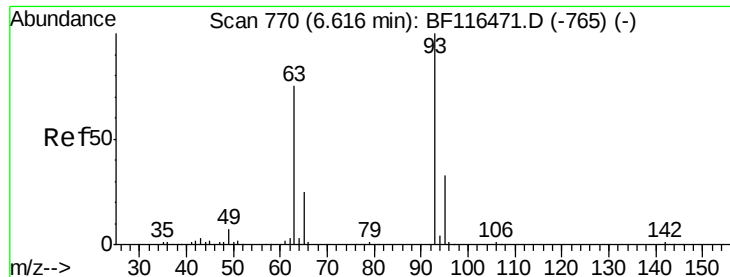


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

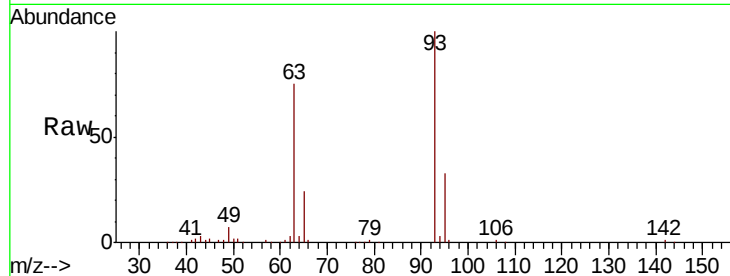




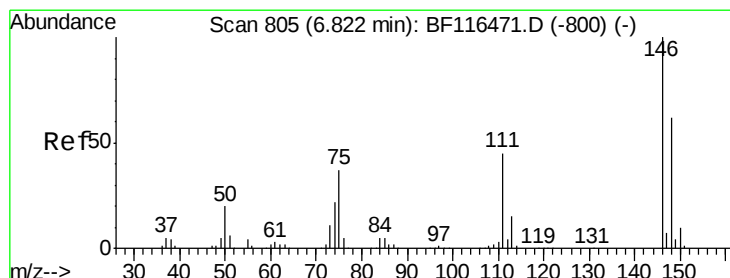
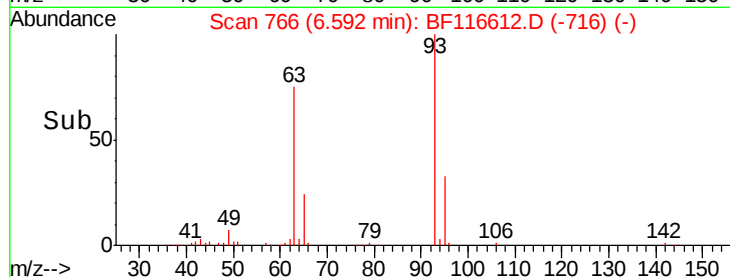
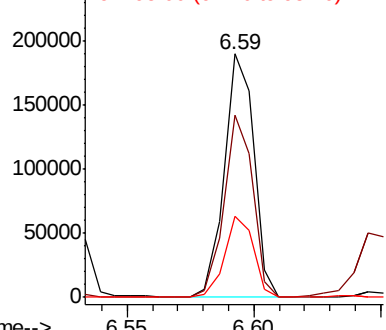
#11
bis(2-Chloroethyl)ether
Concen: 19.818 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 154063
Ion Ratio Lower Upper
93 100
63 75.1 54.7 94.7
95 33.2 12.7 52.7

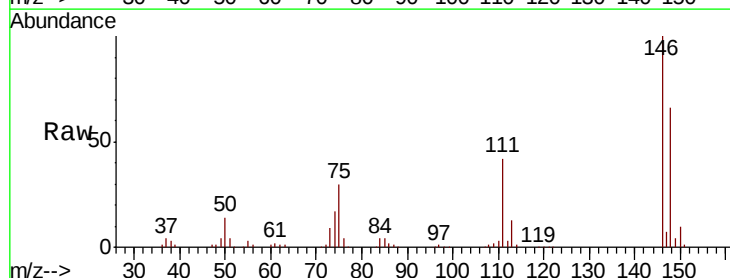


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

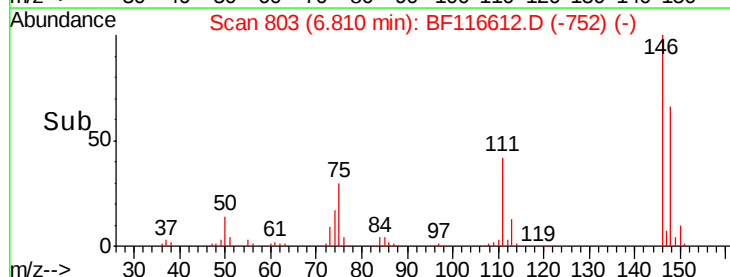
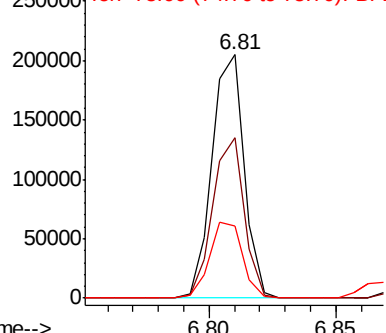


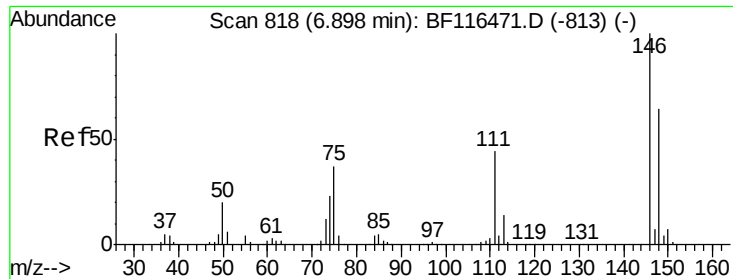
#12
1,3-Dichlorobenzene
Concen: 20.778 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

Tgt Ion: 146 Resp: 180970
Ion Ratio Lower Upper
146 100
148 65.9 51.0 76.6
75 29.8 25.1 37.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

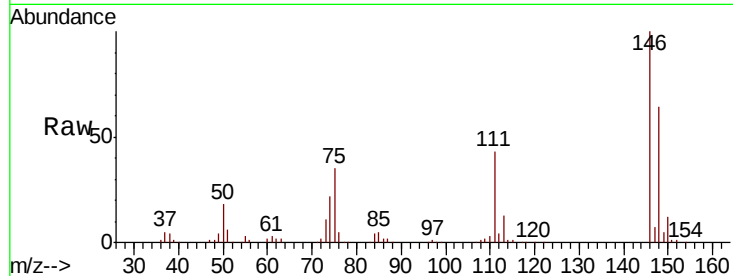




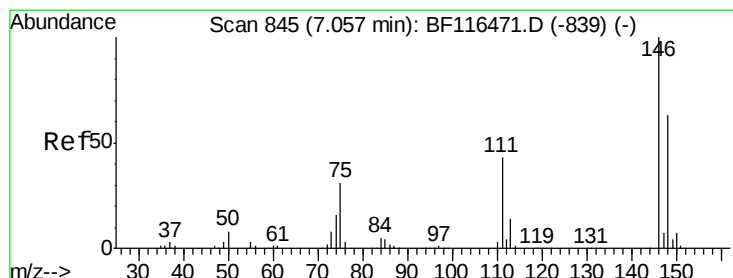
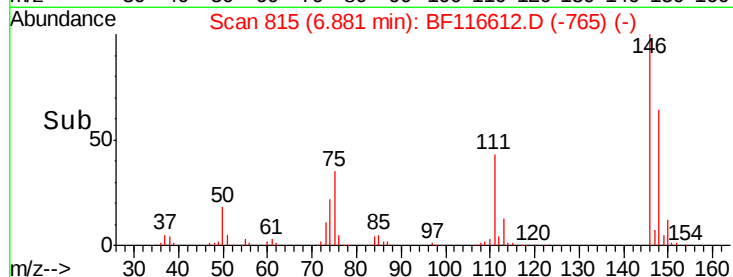
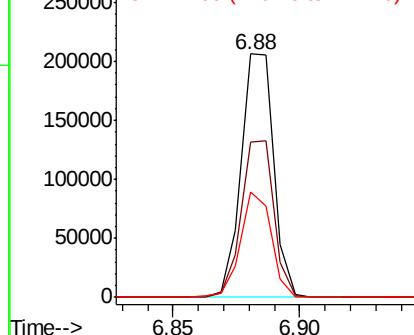
#13
1,4-Dichlorobenzene
Concen: 21.936 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:146 Resp: 183886
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
111 43.1 33.1 49.7

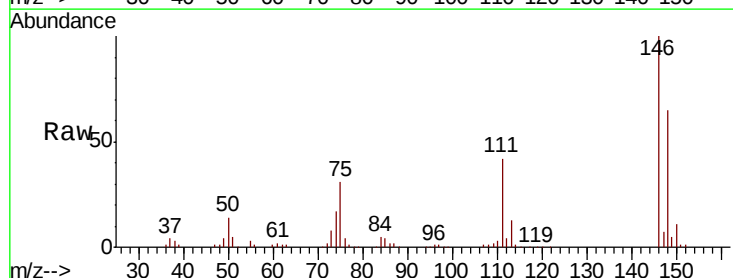


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

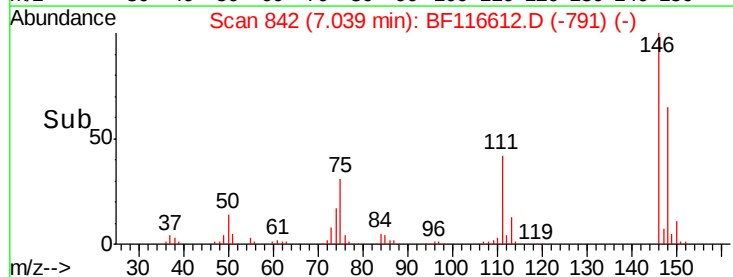
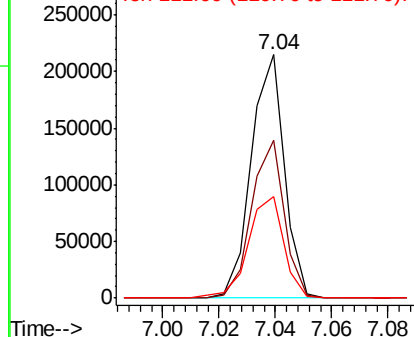


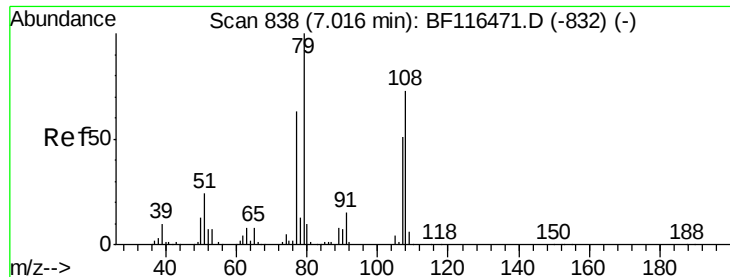
#14
1,2-Dichlorobenzene
Concen: 22.073 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

Tgt Ion:146 Resp: 174555
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.6
111 41.6 34.9 52.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 19.143 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF116612.D

Acq: 28 Aug 2019 12:52

Instrument :

BNA_F

ClientSampled :

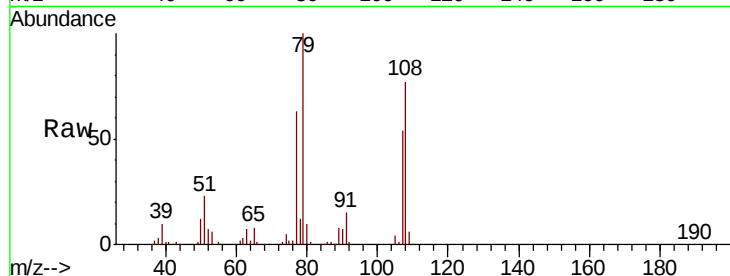
Tot Ion: 79 Resp: 145661

Ion Ratio Lower Upper

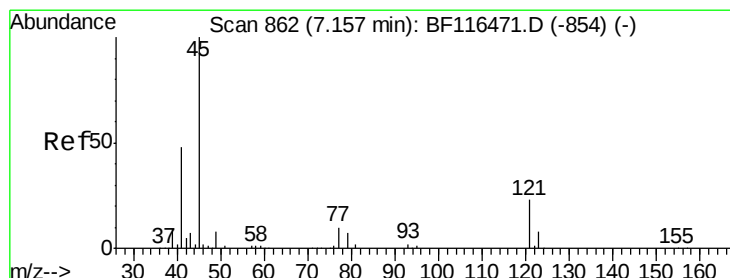
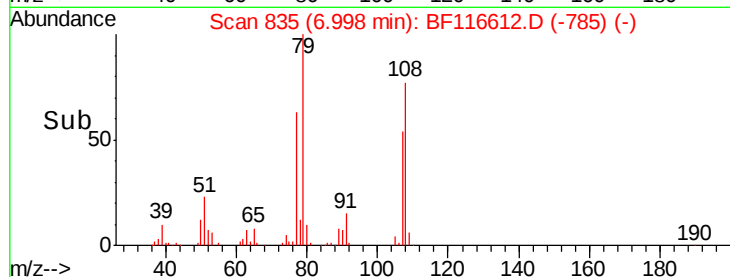
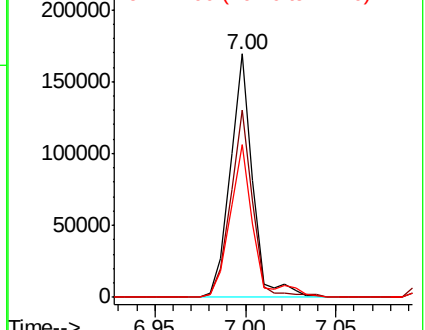
79 100

108 76.8 62.2 93.4

77 62.9 49.8 74.6



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 18.782 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF116612.D

Acq: 28 Aug 2019 12:52

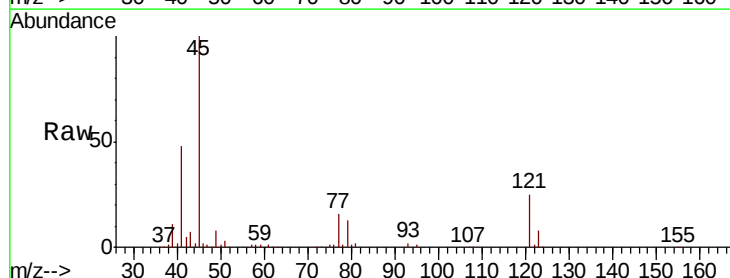
Tgt Ion: 45 Resp: 201884

Ion Ratio Lower Upper

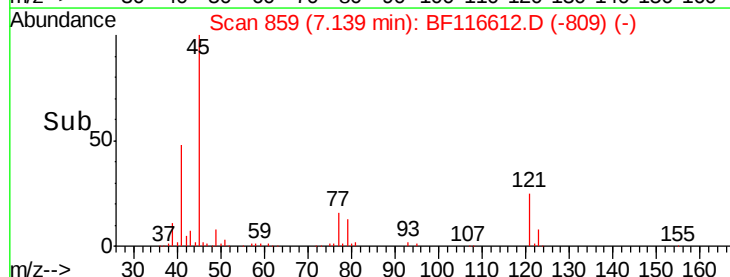
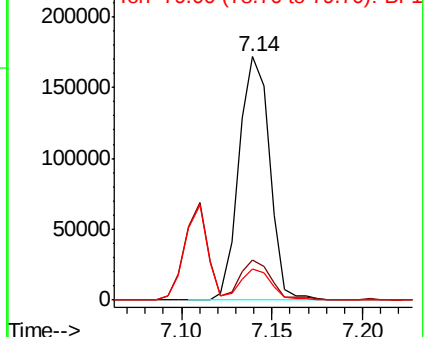
45 100

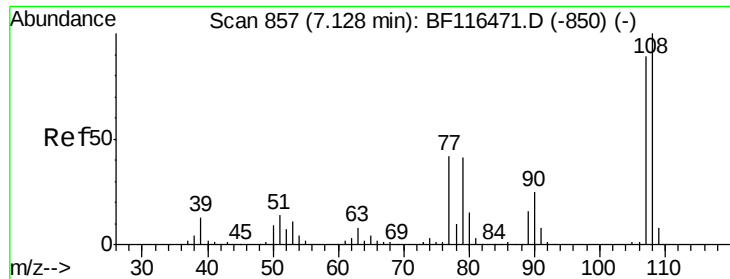
77 16.4 0.0 36.4

79 12.7 0.0 32.9



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

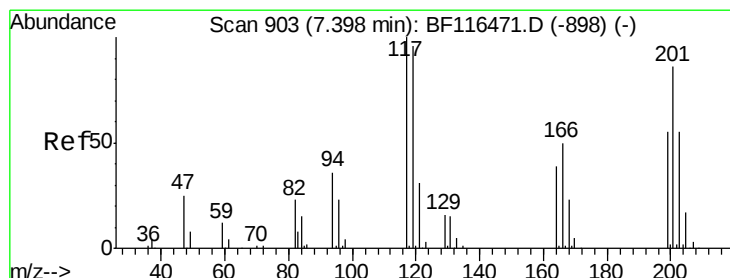
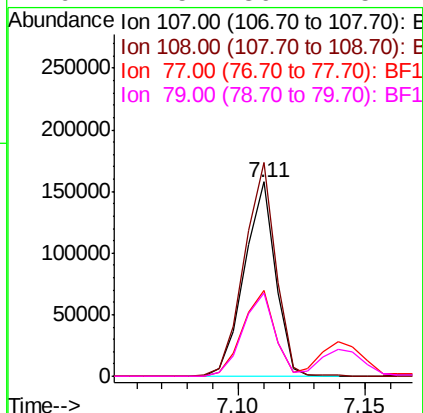
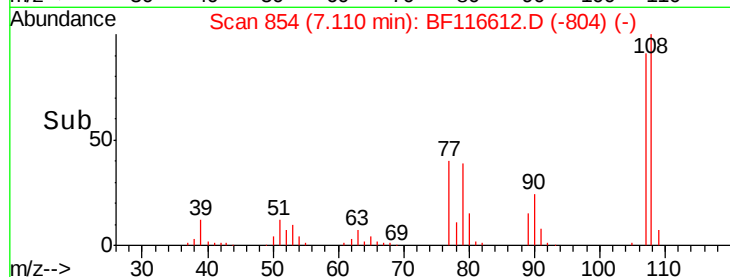
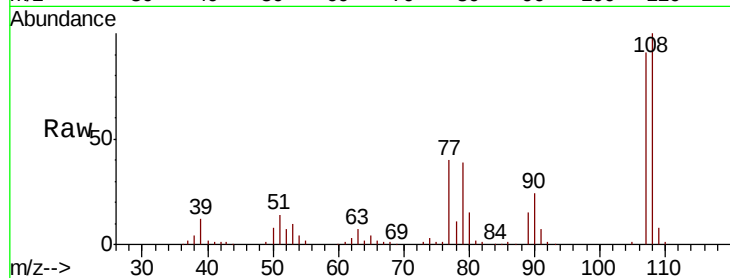




#17
2-Methylphenol
Concen: 20.312 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

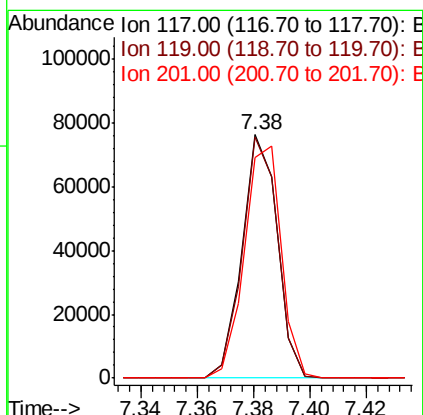
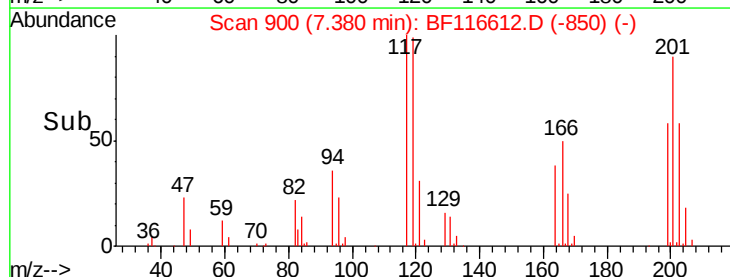
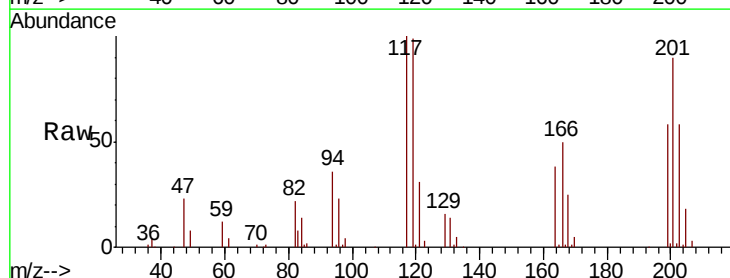
Instrument :
BNA_F
ClientSampleId :

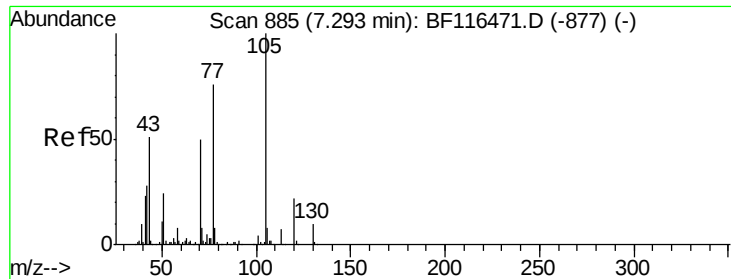
Tot Ion:	107	Resp:	135427
Ion	Ratio	Lower	Upper
107	100		
108	110.0	90.9	136.3
77	43.8	36.8	55.2
79	42.5	36.2	54.4



#18
Hexachloroethane
Concen: 20.169 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

Tgt Ion:	117	Resp:	65938
Ion	Ratio	Lower	Upper
117	100		
119	99.1	78.6	118.0
201	90.4	86.2	129.2

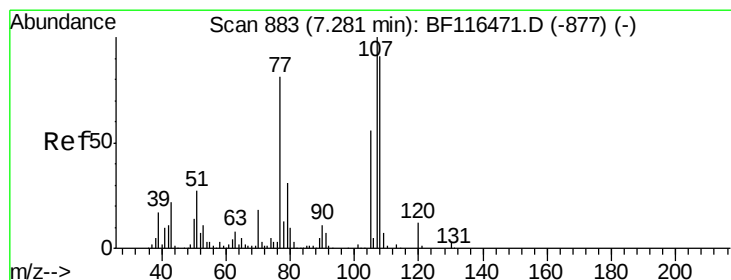
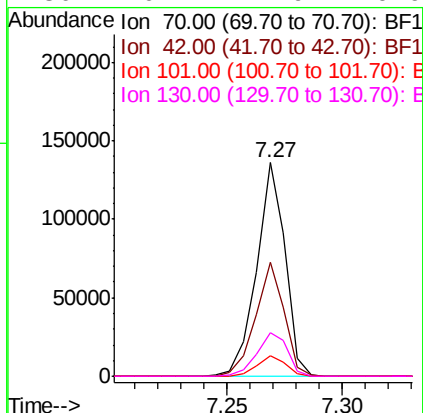
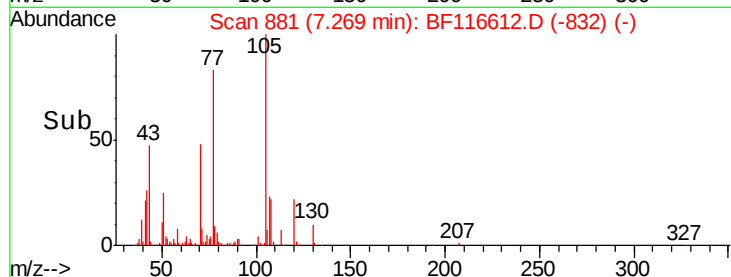
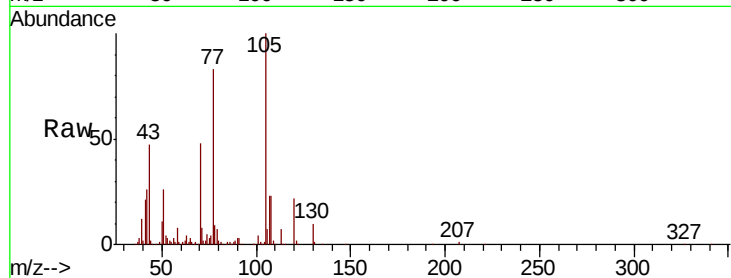




#19
n-Nitroso-di-n-propylamine
Concen: 18.278 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

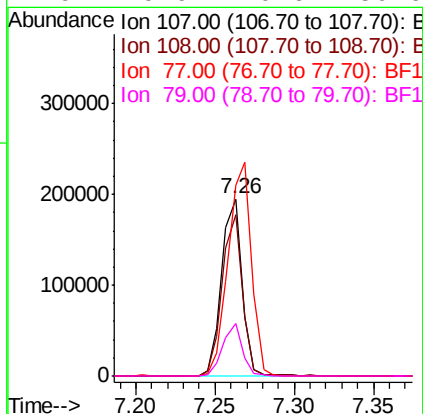
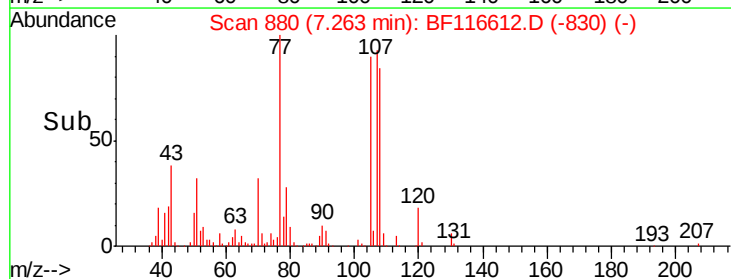
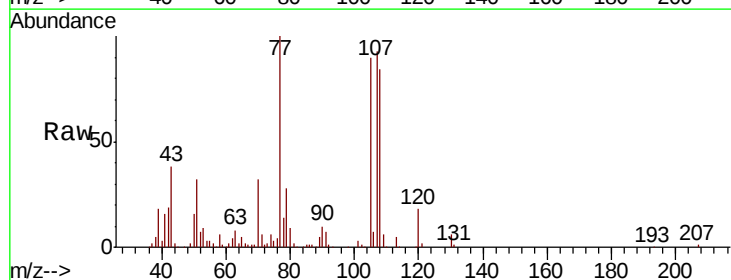
Instrument :
BNA_F
ClientSampleId :

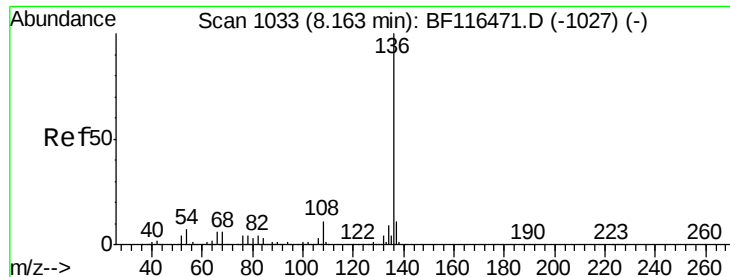
Tot Ion:	70	Resp:	117267
Ion	Ratio	Lower	Upper
70	100		
42	53.6	41.2	61.8
101	9.3	7.7	11.5
130	20.4	17.9	26.9



#20
3+4-Methylphenols
Concen: 21.429 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

Tgt Ion:	107	Resp:	175020
Ion	Ratio	Lower	Upper
107	100		
108	91.1	72.6	112.6
77	108.0	82.4	122.4
79	29.9	10.6	50.6

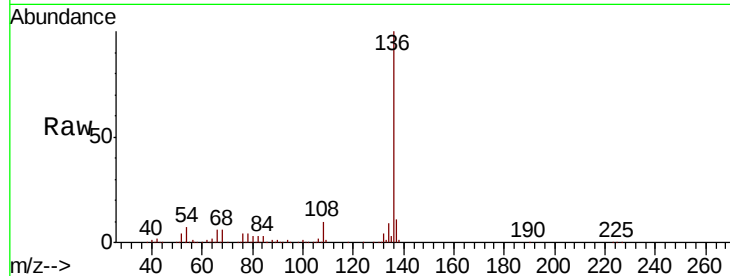




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	464094	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	8.7	13.1	
54 7.2	5.0	7.4	
68 6.3	4.5	6.7	



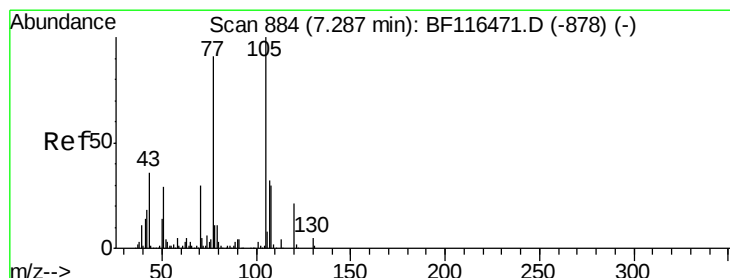
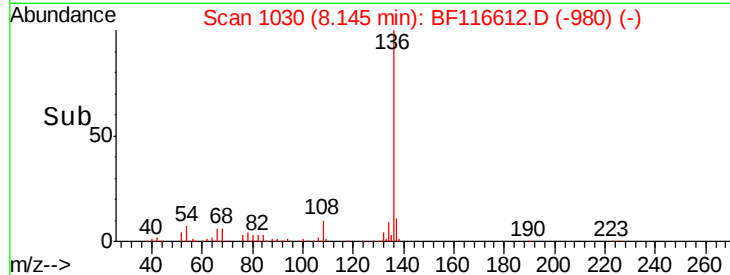
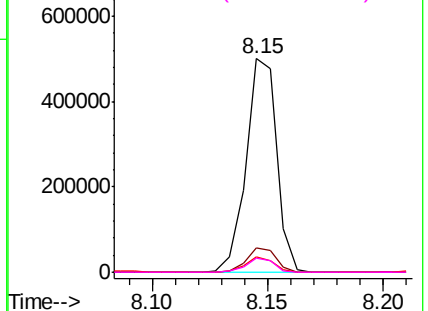
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

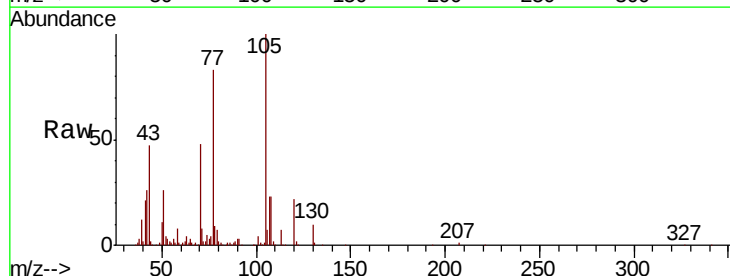
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 20.662 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

Tgt	Ion:105	Resp:	239786
Ion	Ratio	Lower	Upper
105	100		
71	7.8	5.0	7.6#
51	25.7	20.7	31.1
120	22.0	17.9	26.9



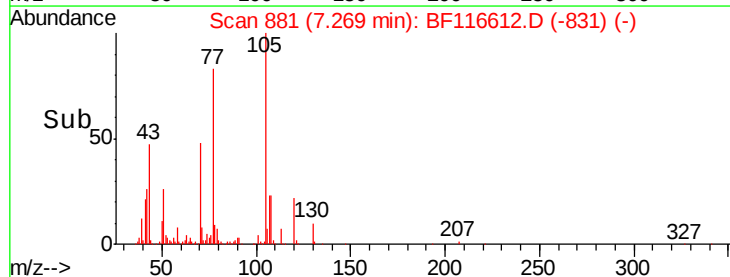
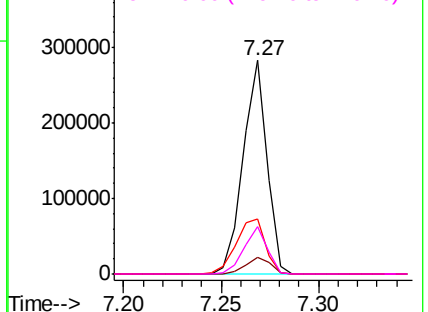
Abundance

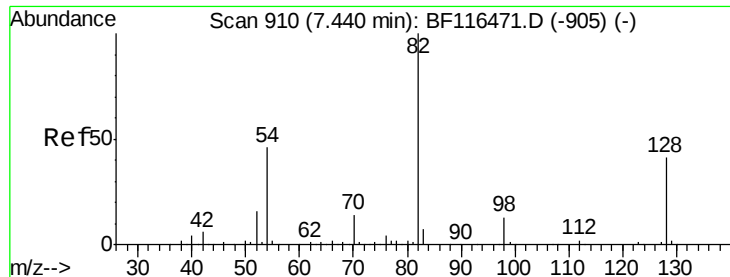
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

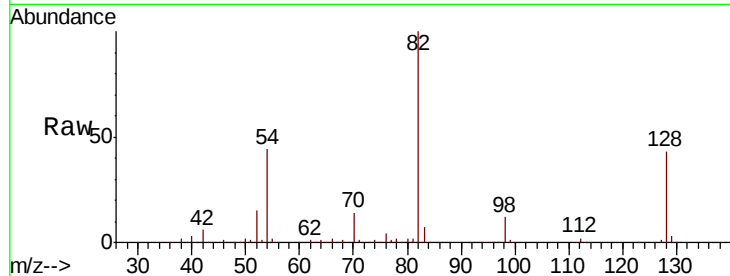




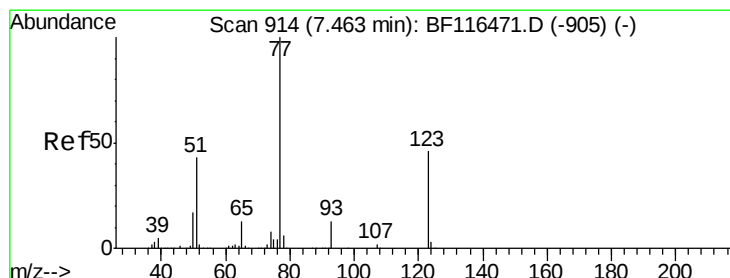
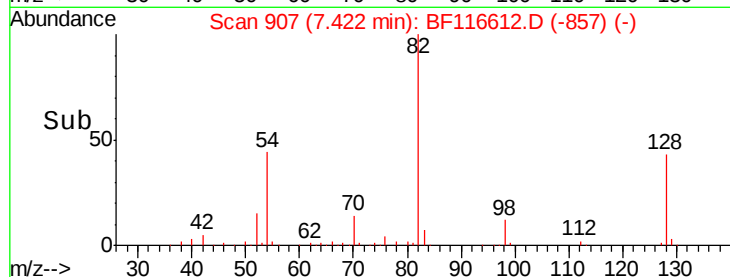
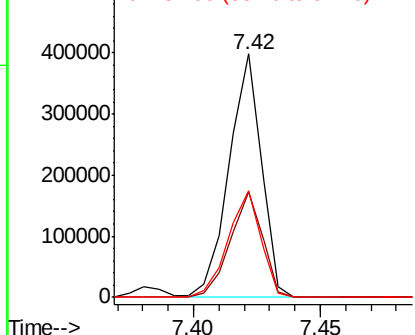
#23
Nitrobenzene-d5
Concen: 41.575 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 352671
Ion Ratio Lower Upper
82 100
128 43.4 35.0 52.6
54 43.6 34.4 51.6

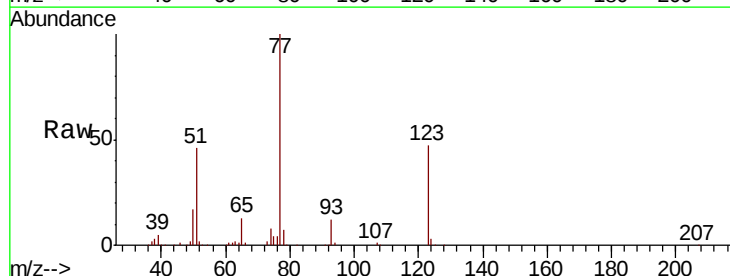


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

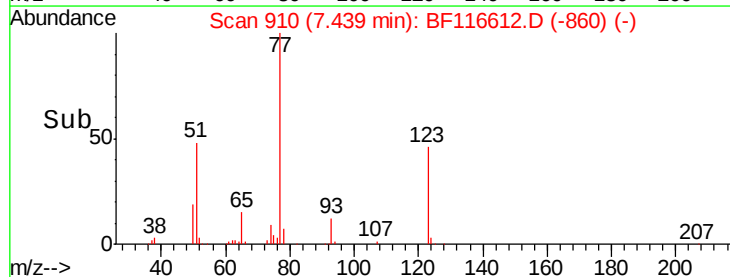
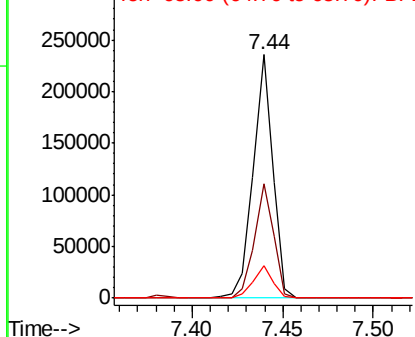


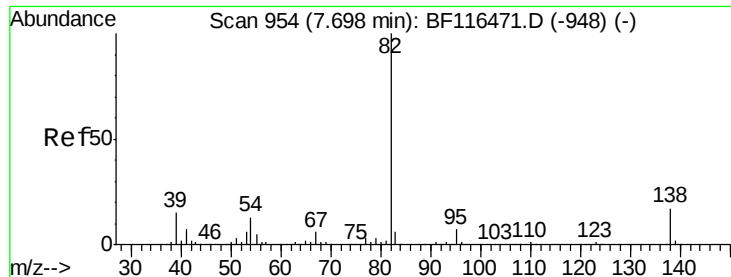
#24
Nitrobenzene
Concen: 20.243 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

Tgt Ion: 77 Resp: 177830
Ion Ratio Lower Upper
77 100
123 46.7 38.2 57.4
65 13.3 11.0 16.6



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 18.966 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF116612.D

Acq: 28 Aug 2019 12:52

Instrument :

BNA_F

ClientSampled :

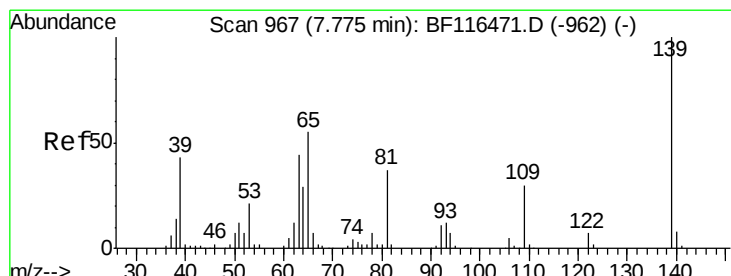
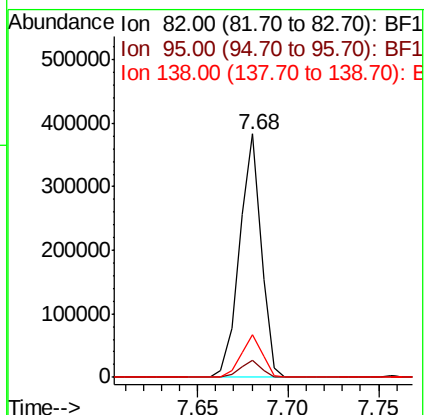
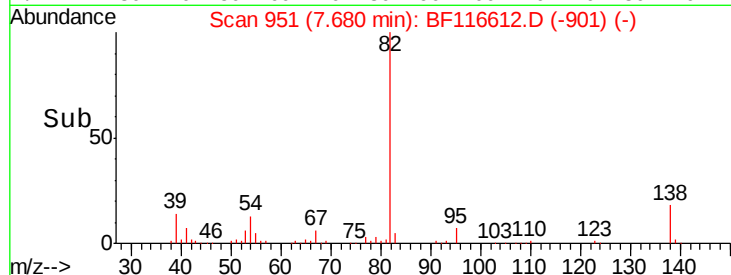
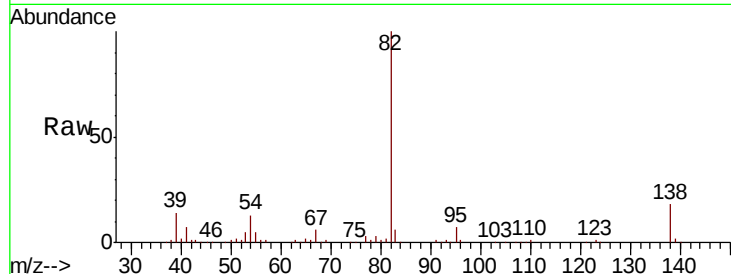
Tot Ion: 82 Resp: 317044

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

138 17.7 14.4 21.6



#26

2-Nitrophenol

Concen: 25.407 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF116612.D

Acq: 28 Aug 2019 12:52

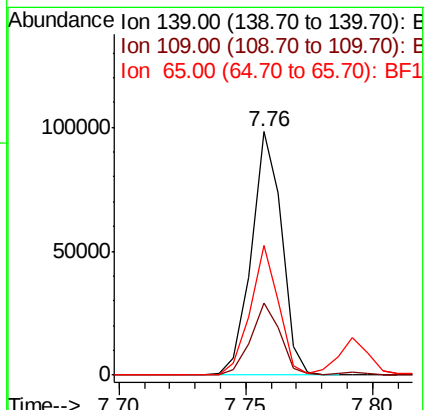
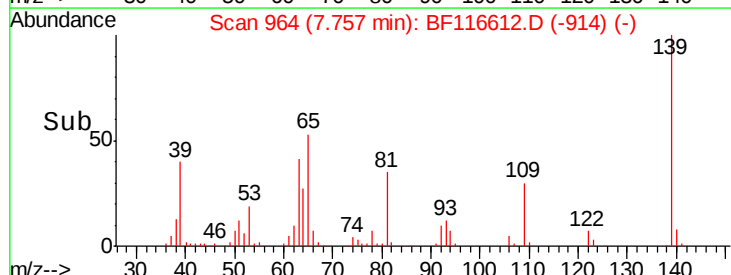
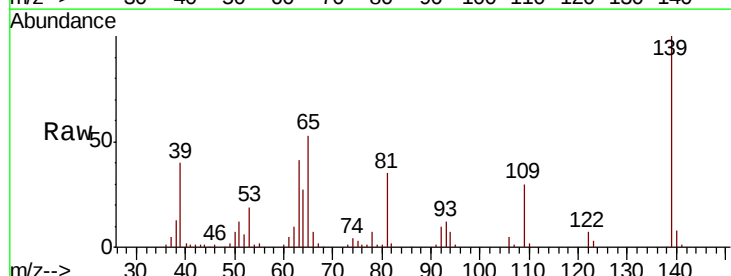
Tgt Ion: 139 Resp: 81528

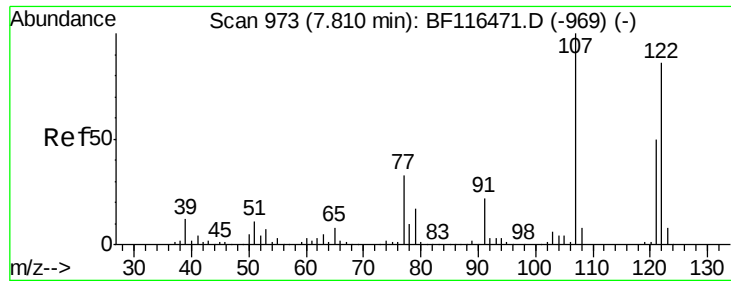
Ion Ratio Lower Upper

139 100

109 29.8 22.4 33.6

65 53.1 36.9 55.3

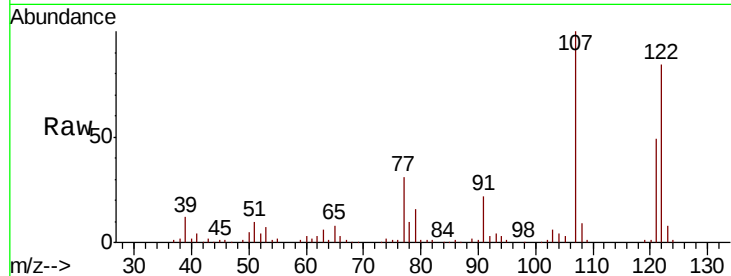




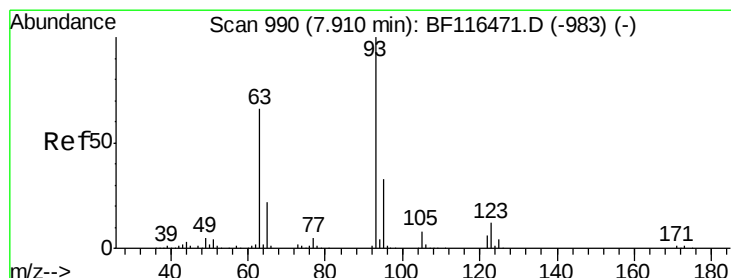
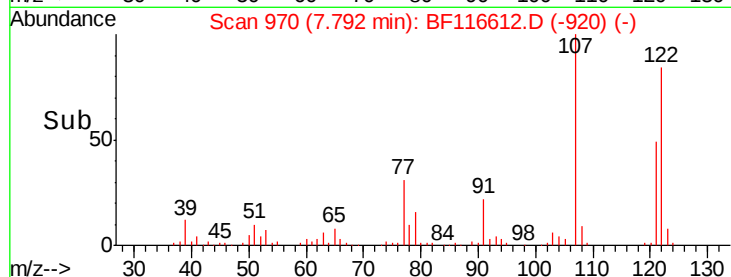
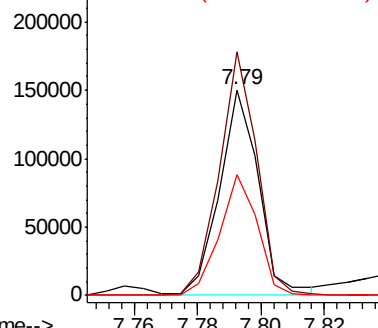
#27
 2,4-Dimethylphenol
 Concen: 19.158 ng
 RT: 7.79 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 12:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 128267
 Ion Ratio Lower Upper
 122 100
 107 118.5 95.4 143.0
 121 58.6 47.8 71.8

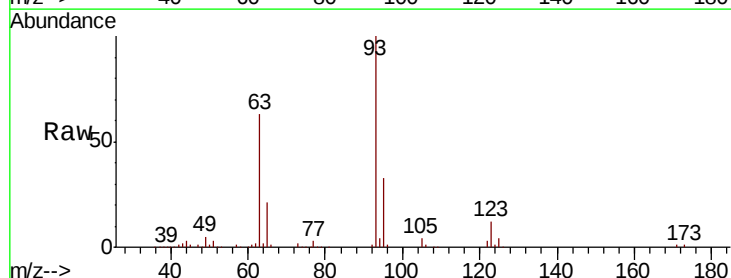


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

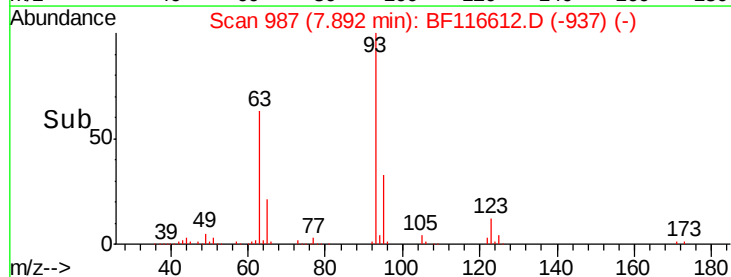
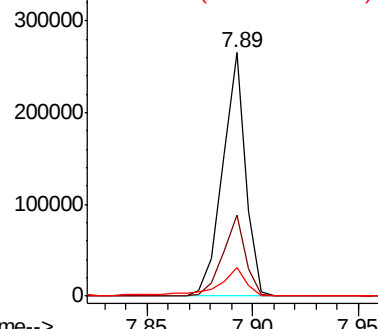


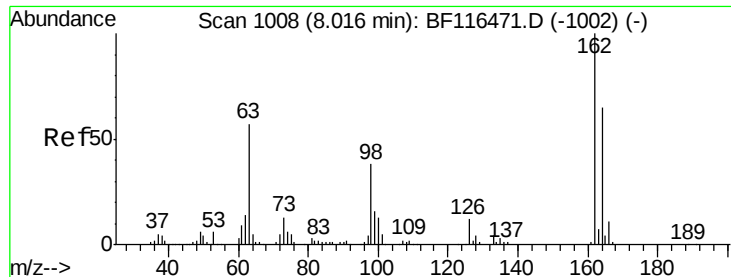
#28
 bis(2-Chloroethoxy)methane
 Concen: 19.377 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 12:52

Tgt Ion: 93 Resp: 200043
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.1 39.1
 123 11.5 10.4 15.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

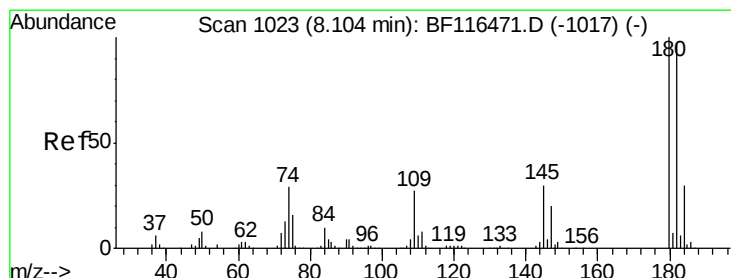
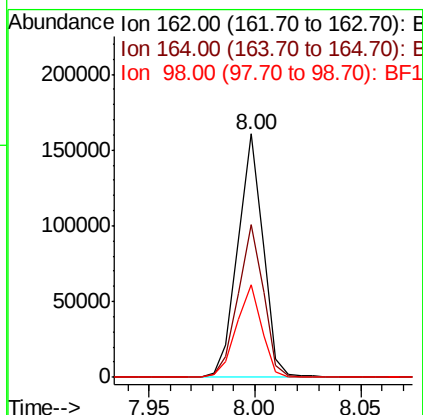
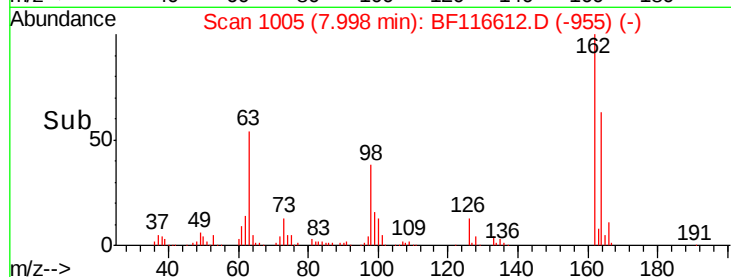
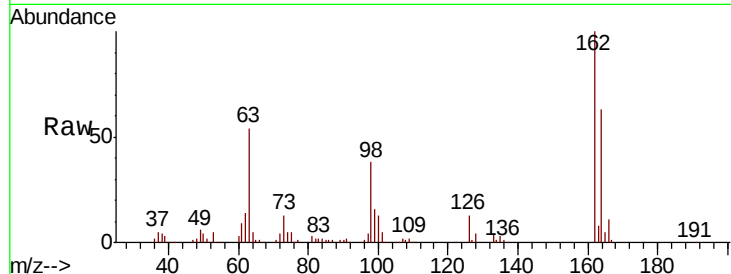




#29
2,4-Dichlorophenol
Concen: 20.884 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

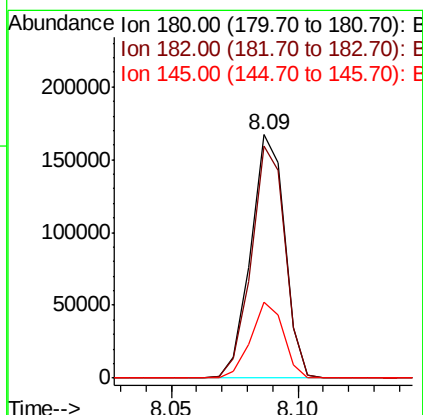
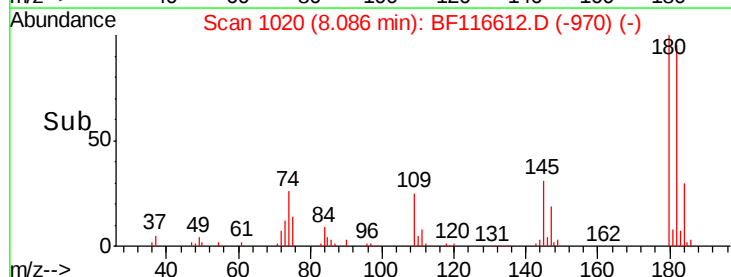
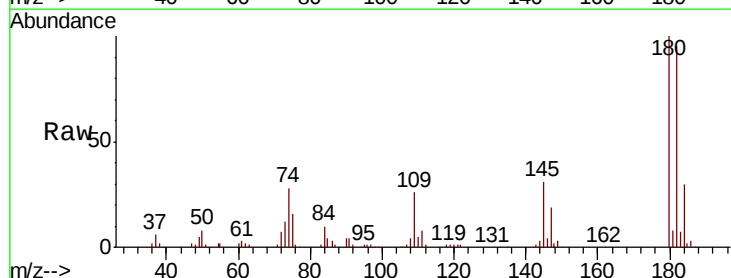
Instrument :
BNA_F
ClientSampleId :

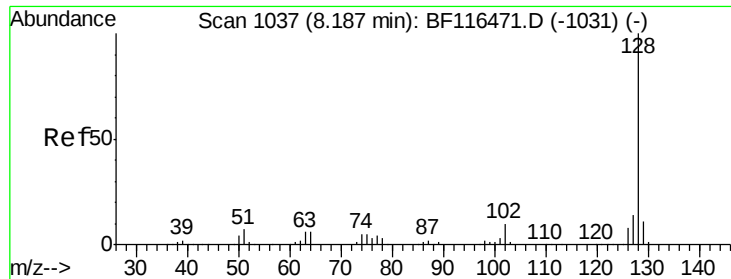
Tot Ion:162 Resp: 132974
Ion Ratio Lower Upper
162 100
164 62.7 45.9 85.9
98 38.2 17.4 57.4



#30
1,2,4-Trichlorobenzene
Concen: 21.813 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

Tgt Ion:180 Resp: 156361
Ion Ratio Lower Upper
180 100
182 95.4 76.7 115.1
145 31.0 24.1 36.1

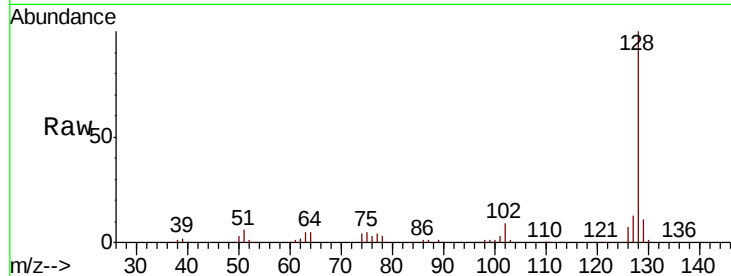




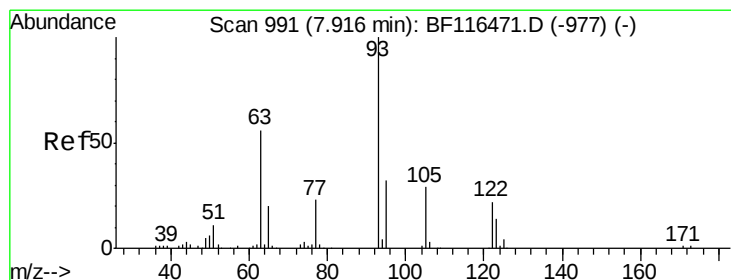
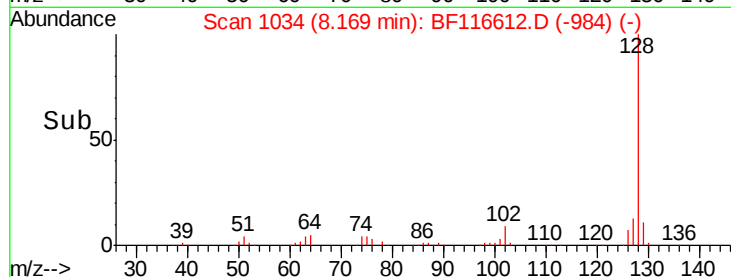
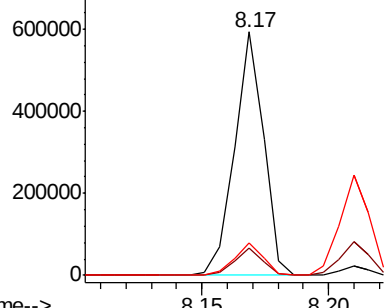
#31
Naphthalene
Concen: 21.281 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 477768
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.3 10.9 16.3

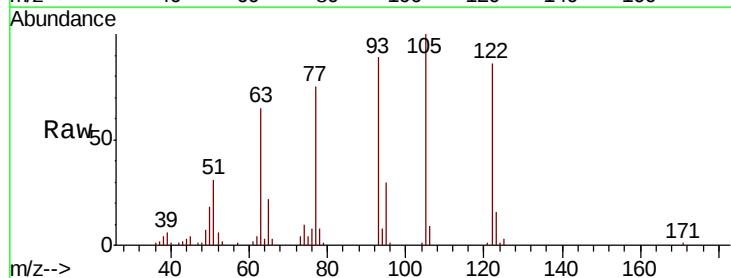


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

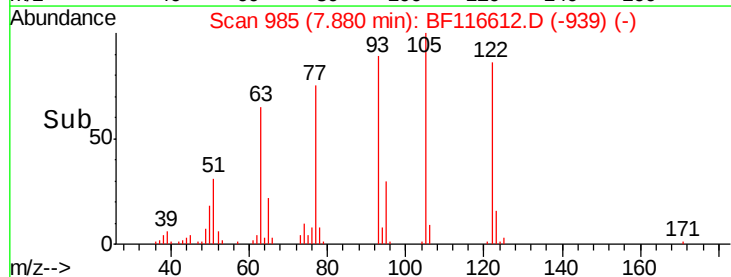
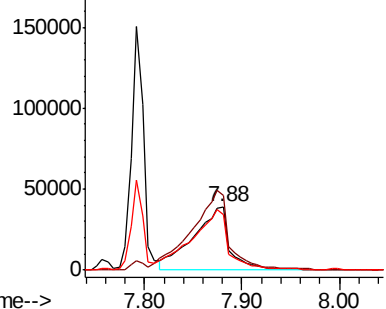


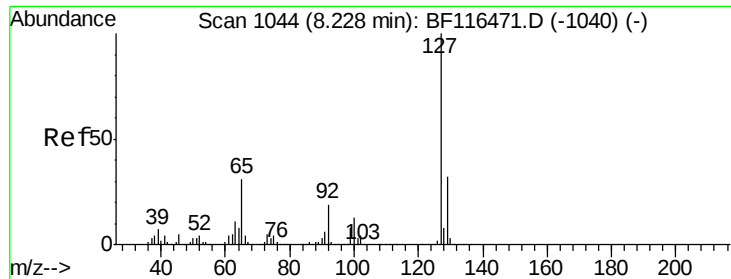
#32
Benzoic acid
Concen: 23.414 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.03 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

Tgt Ion:122 Resp: 100219
Ion Ratio Lower Upper
122 100
105 116.5 105.8 145.8
77 87.1 74.1 114.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

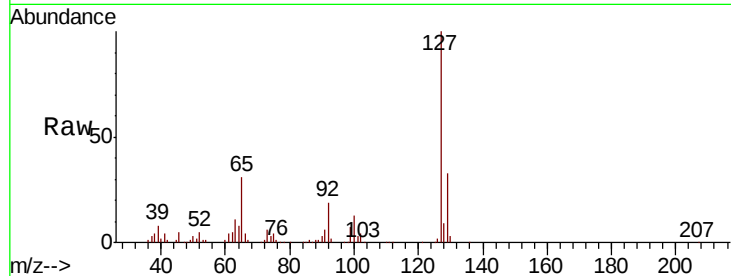




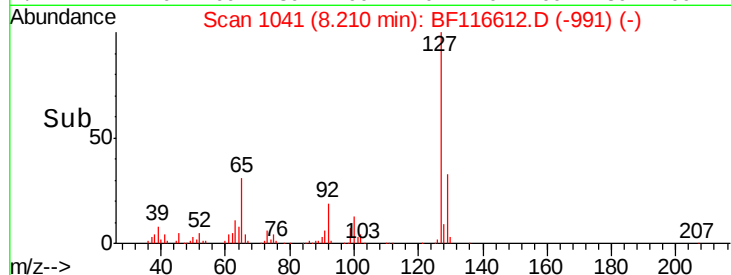
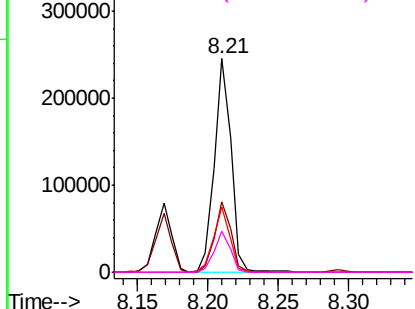
#33
4-Chloroaniline
Concen: 20.626 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	203289
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	30.8	22.6	33.8
92	19.1	15.0	22.6

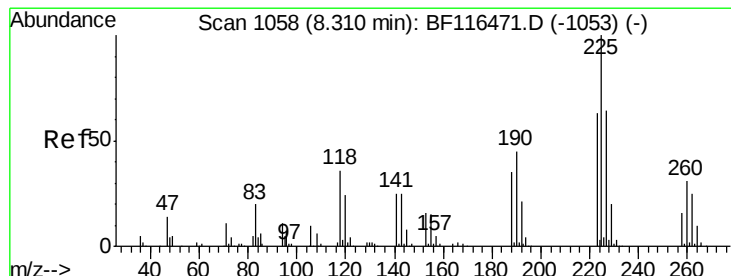


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

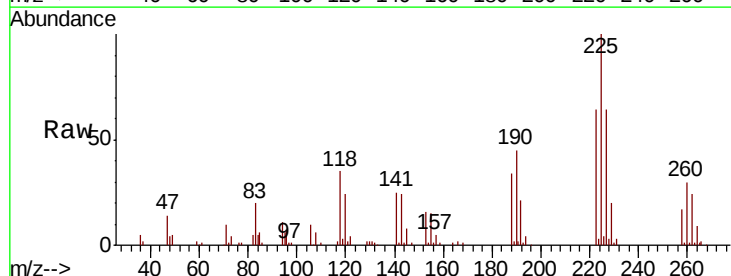
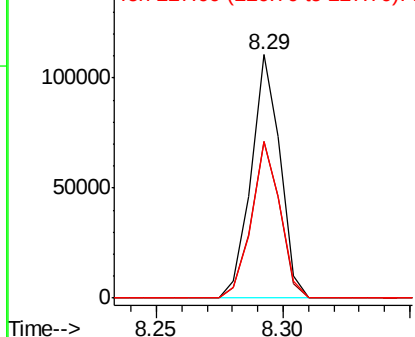


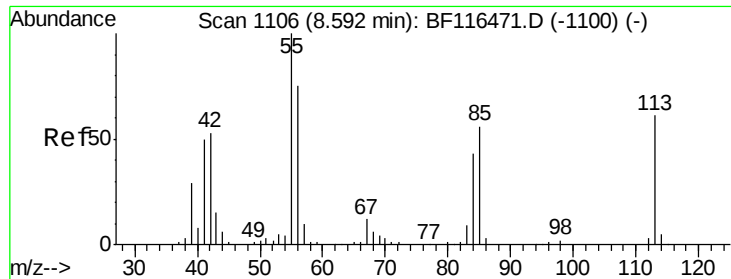
#34
Hexachlorobutadiene
Concen: 22.519 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

Tgt Ion:	225	Resp:	88035
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.7	76.1
227	64.3	50.4	75.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

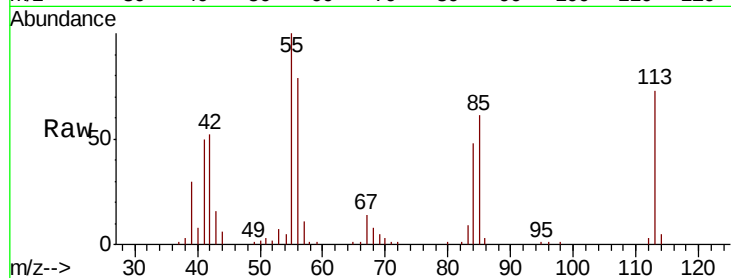




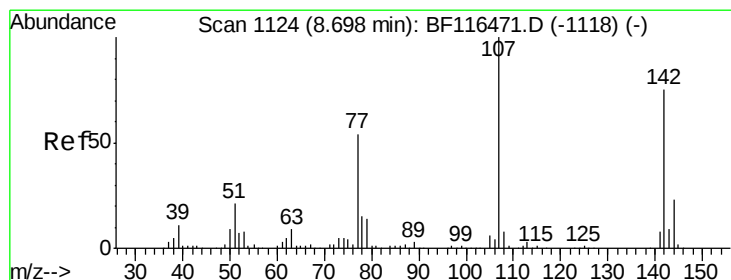
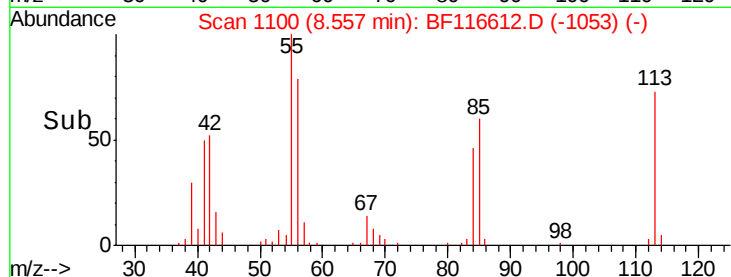
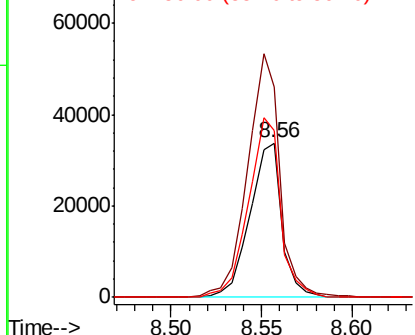
#35
Caprolactam
Concen: 18.691 ng
RT: 8.56 min Scan# 1100
Delta R.T. -0.02 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 41455
Ion Ratio Lower Upper
113 100
55 136.3 128.3 168.3
56 108.3 93.2 133.2

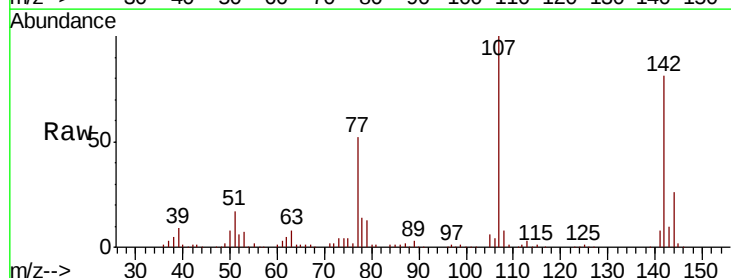


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

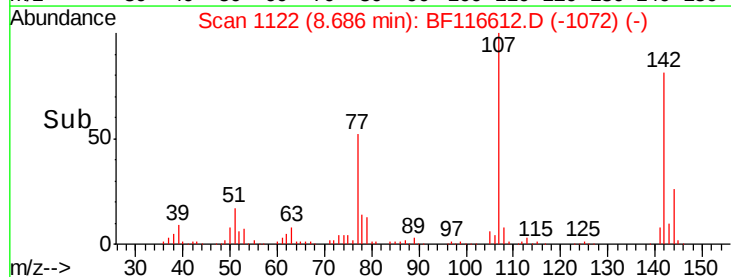
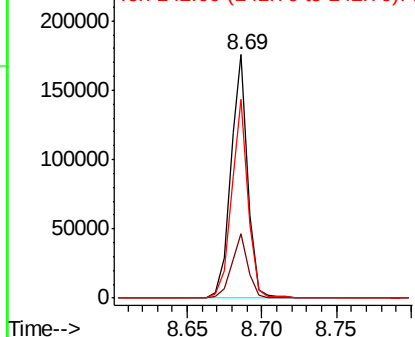


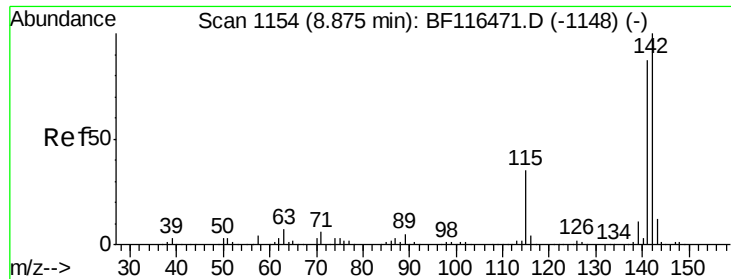
#36
4-Chloro-3-methylphenol
Concen: 19.677 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

Tgt Ion:107 Resp: 141368
Ion Ratio Lower Upper
107 100
144 26.3 20.6 30.8
142 81.5 63.8 95.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

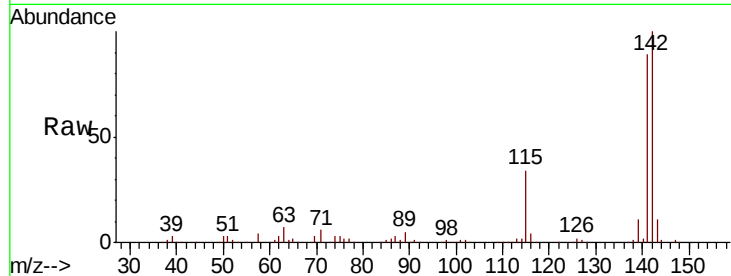




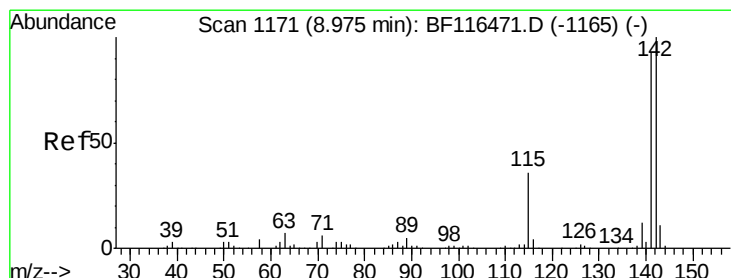
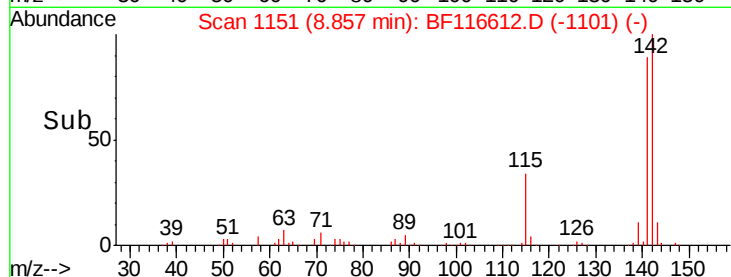
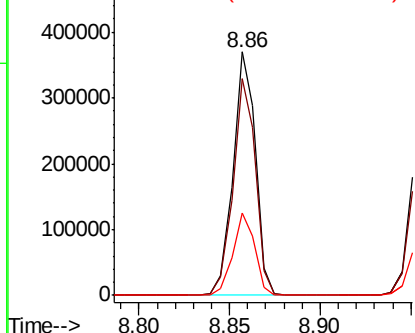
#37
2-Methylnaphthalene
Concen: 20.676 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	69.5	104.3
115	33.7	26.0	39.0

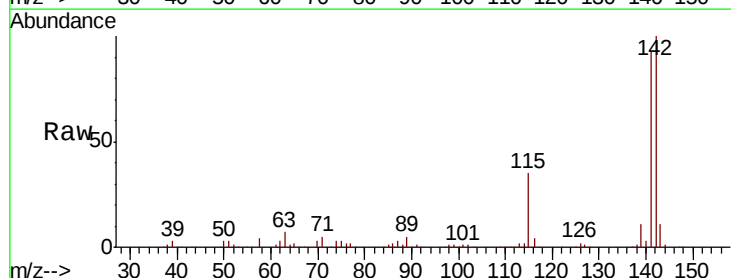


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

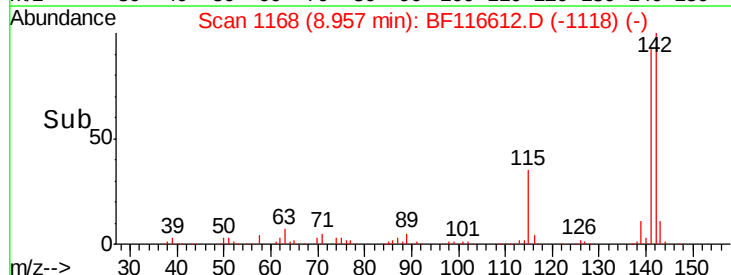
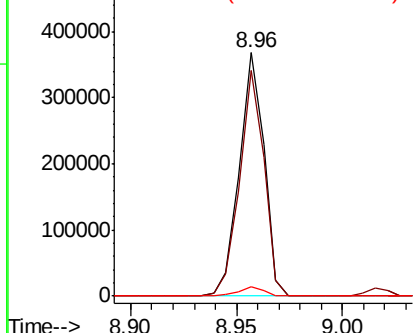


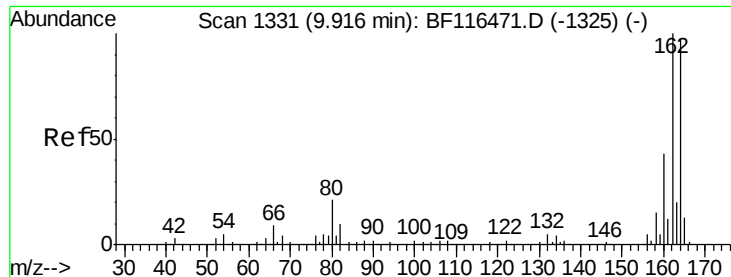
#38
1-Methylnaphthalene
Concen: 20.668 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.1	109.7
116	3.9	2.7	4.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

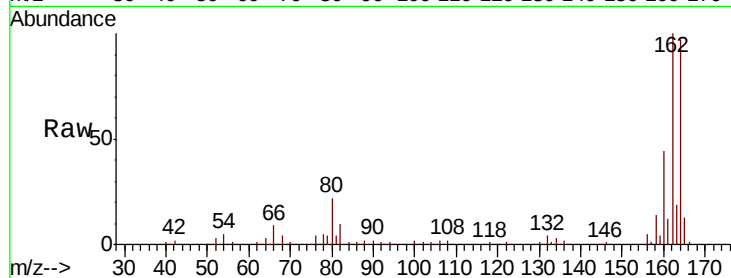




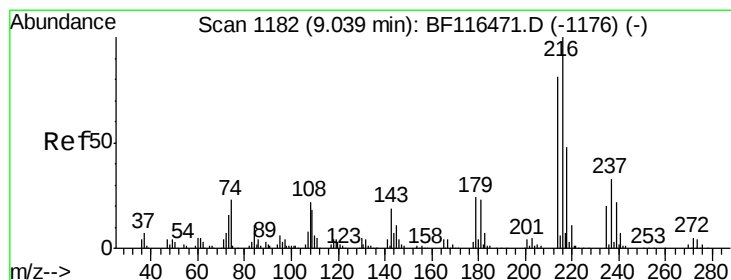
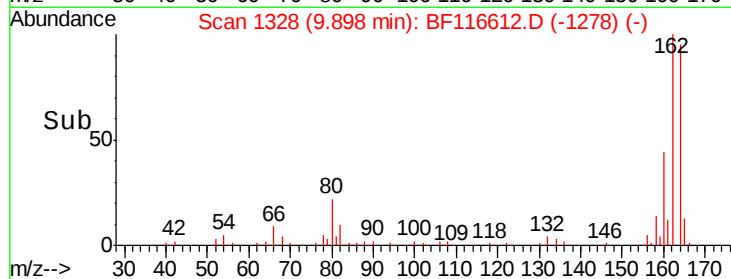
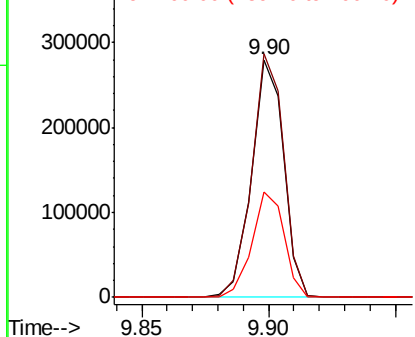
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 12:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 246900
 Ion Ratio Lower Upper
 164 100
 162 102.6 83.4 125.0
 160 44.7 37.0 55.4

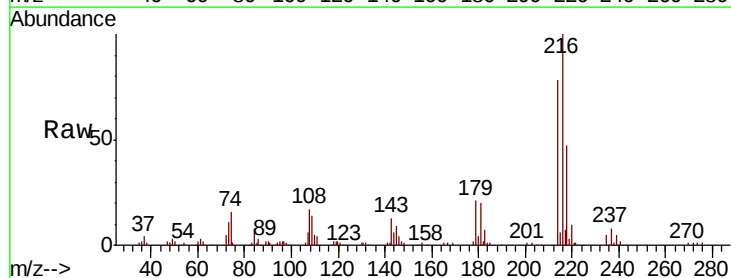


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

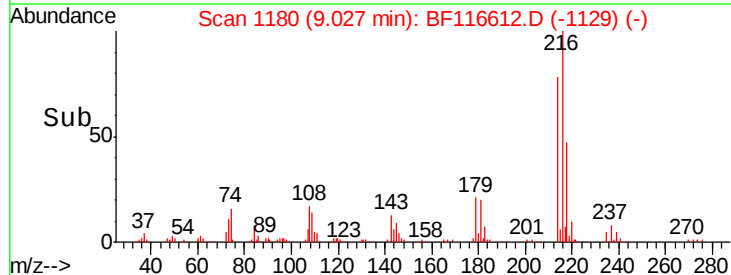
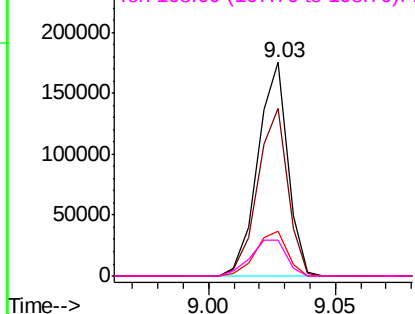


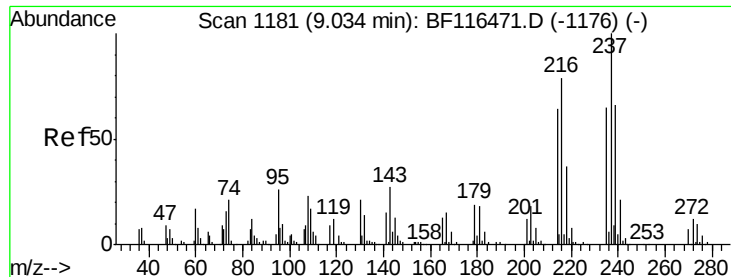
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.860 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 12:52

Tgt Ion:216 Resp: 145212
 Ion Ratio Lower Upper
 216 100
 214 78.8 63.3 94.9
 179 22.0 17.9 26.9
 108 20.3 16.0 24.0



Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 21.986 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF116612.D

Acq: 28 Aug 2019 12:52

Instrument :

BNA_F

ClientSampleId :

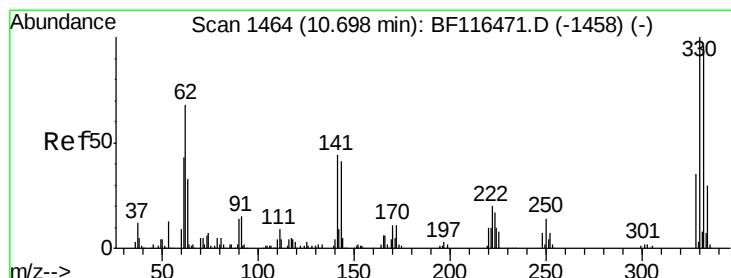
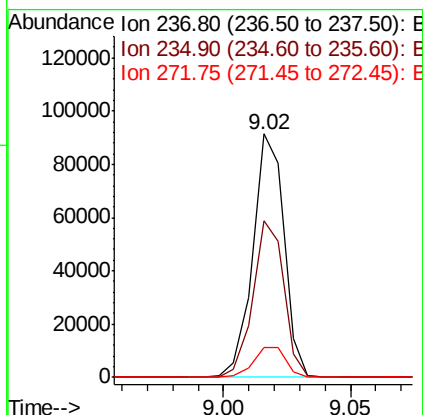
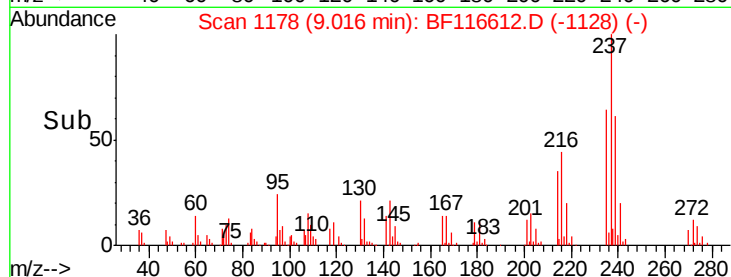
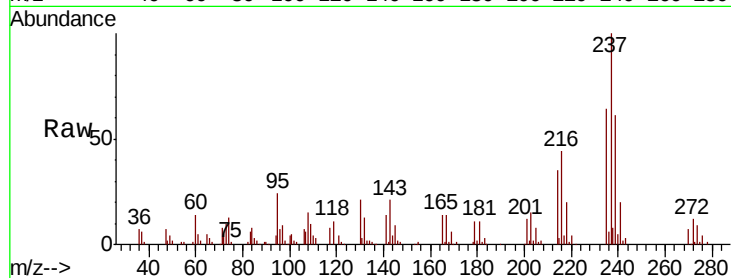
Tot Ion:237 Resp: 78576

Ion Ratio Lower Upper

237 100

235 64.3 42.9 82.9

272 12.4 0.0 33.8



#42

2,4,6-Tribromophenol

Concen: 46.258 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF116612.D

Acq: 28 Aug 2019 12:52

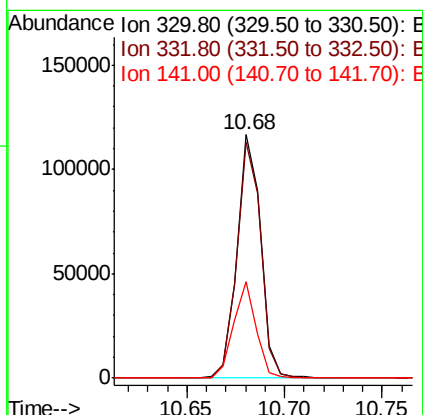
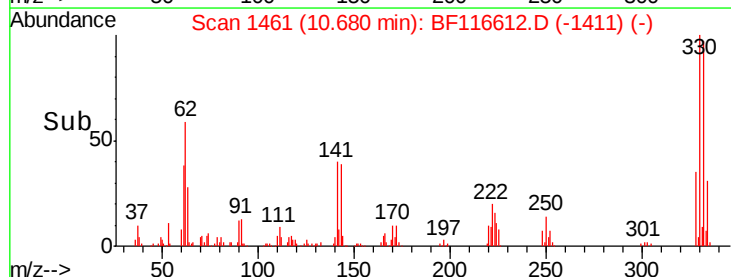
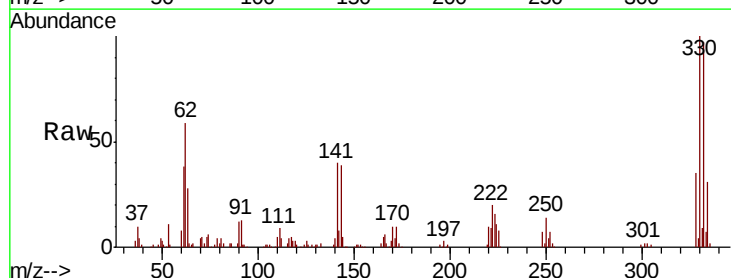
Tgt Ion:330 Resp: 98070

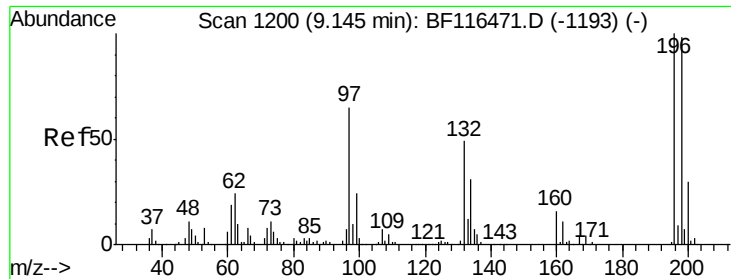
Ion Ratio Lower Upper

330 100

332 97.7 77.5 116.3

141 37.6 28.2 42.2

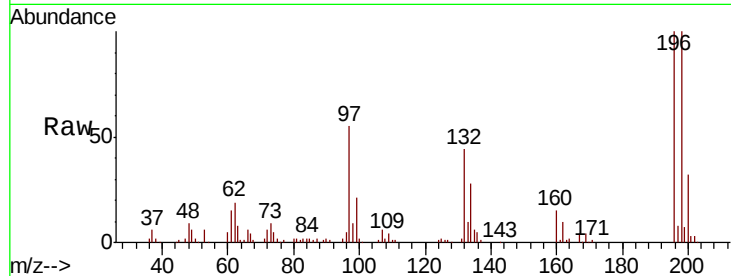




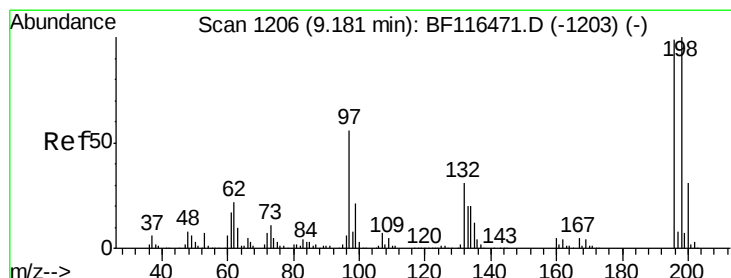
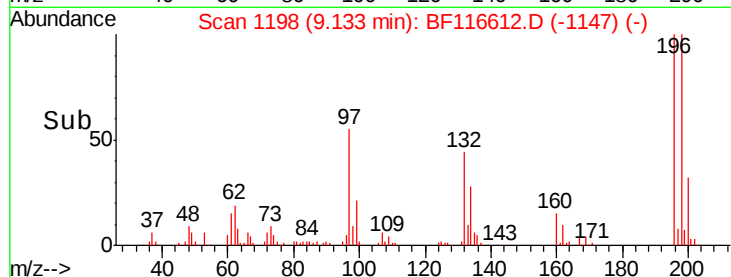
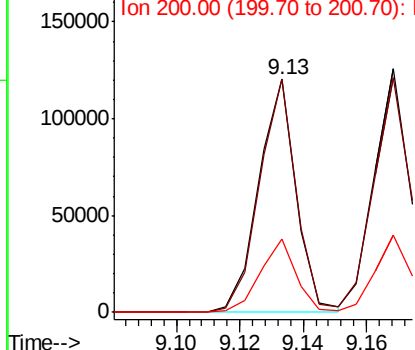
#43
 2,4,6-Trichlorophenol
 Concen: 21.142 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 12:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 98291
 Ion Ratio Lower Upper
 196 100
 198 100.2 76.8 115.2
 200 31.6 25.0 37.6

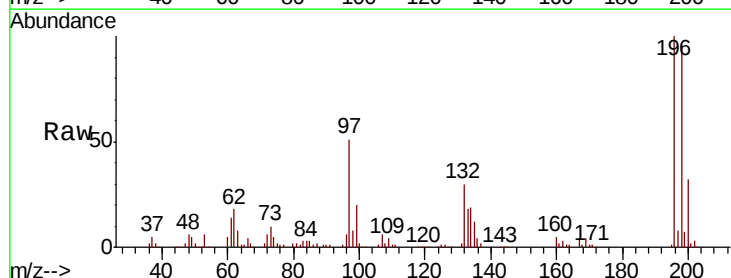


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

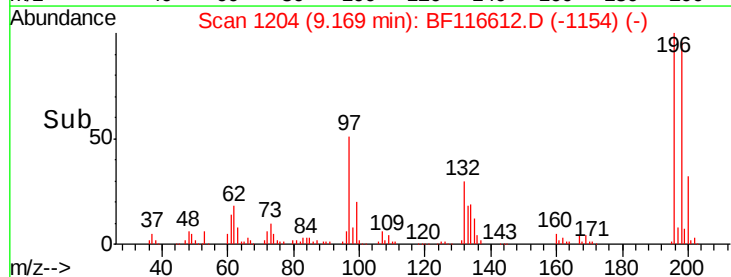
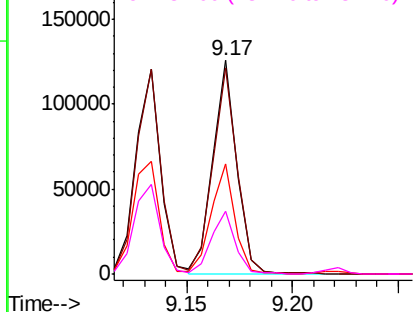


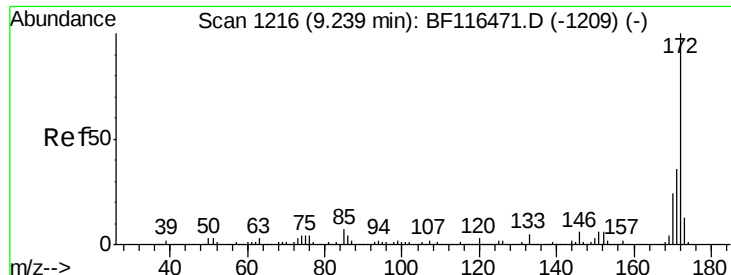
#44
 2,4,5-Trichlorophenol
 Concen: 21.089 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 12:52

Tgt Ion:196 Resp: 99759
 Ion Ratio Lower Upper
 196 100
 198 96.4 82.0 123.0
 97 51.4 37.0 55.6
 132 29.7 22.2 33.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

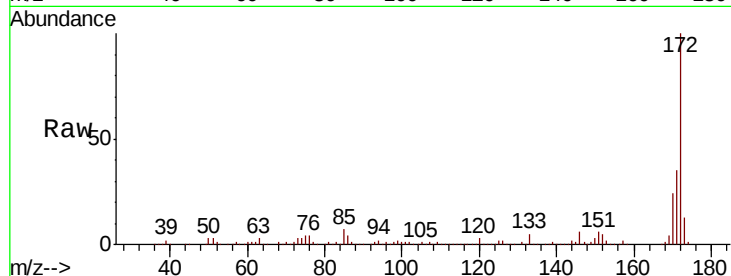




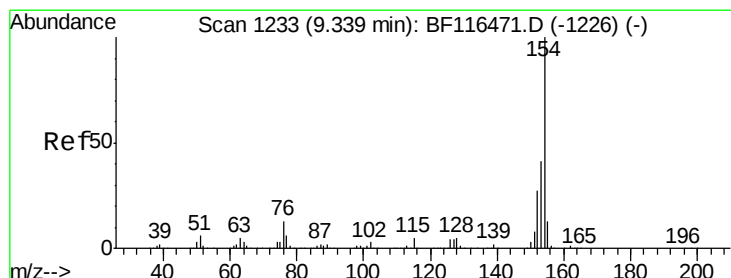
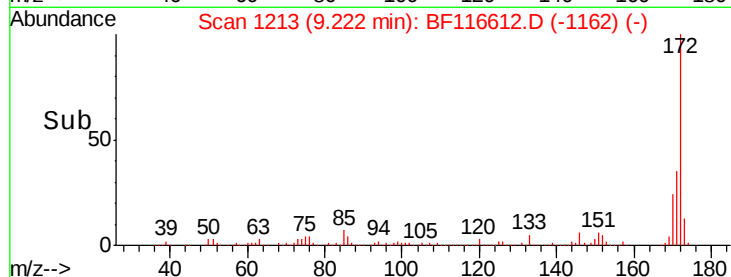
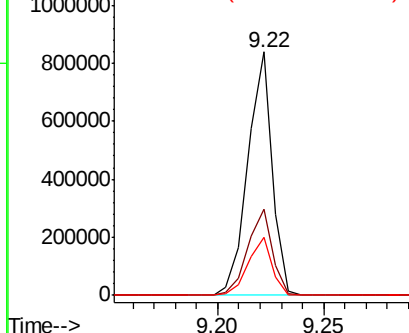
#45
2-Fluorobiphenyl
Concen: 43.755 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 670831
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.6
170 23.9 19.3 28.9

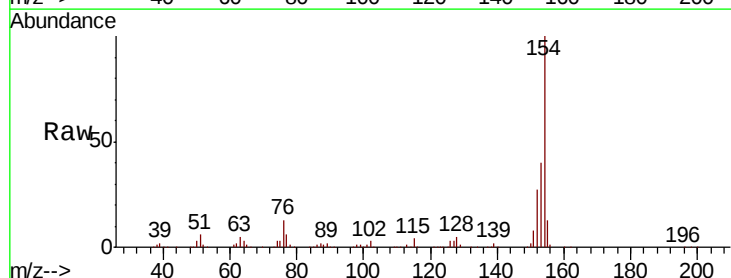


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

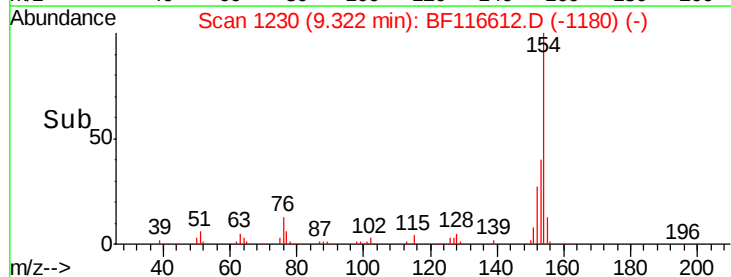
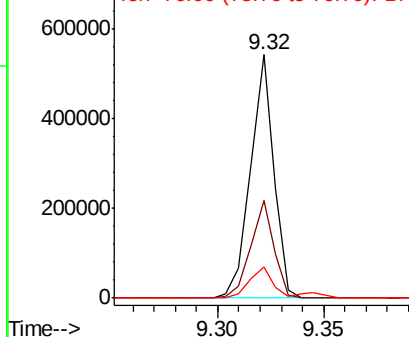


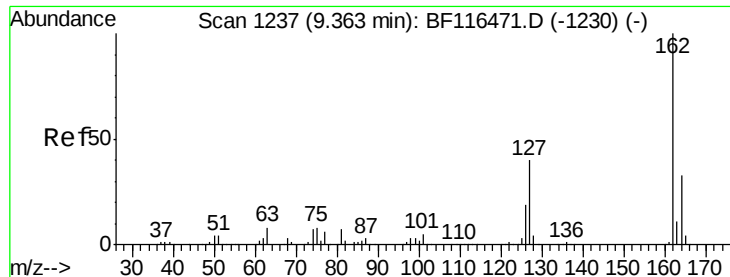
#46
1,1'-Biphenyl
Concen: 21.125 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

Tgt Ion:154 Resp: 417000
Ion Ratio Lower Upper
154 100
153 40.3 21.4 61.4
76 12.8 0.0 31.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

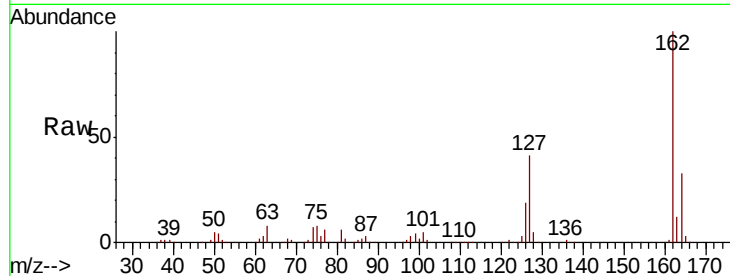




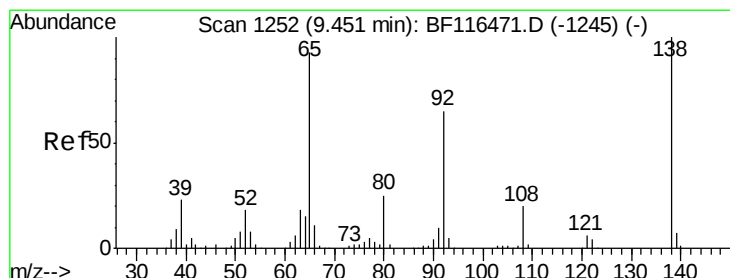
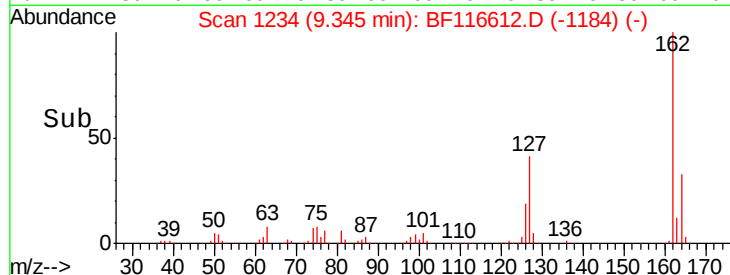
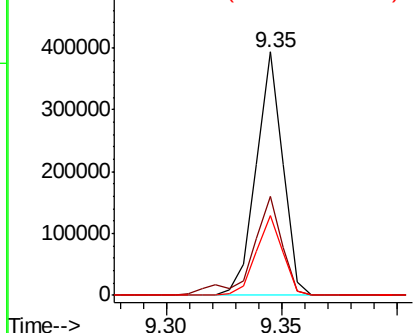
#47
2-Chloronaphthalene
Concen: 20.718 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 317054
Ion Ratio Lower Upper
162 100
127 40.6 31.1 46.7
164 32.8 26.8 40.2

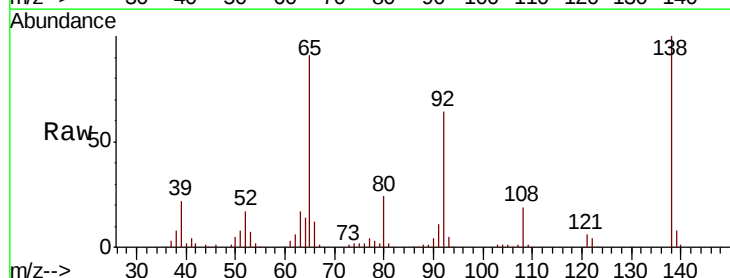


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

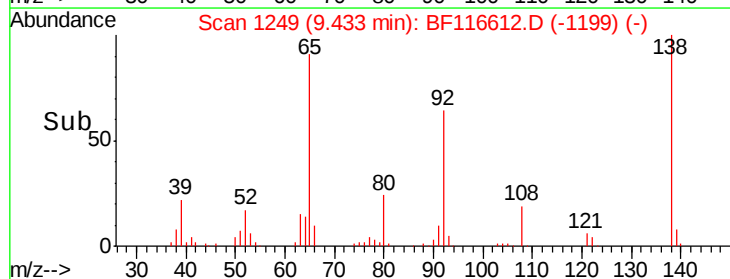
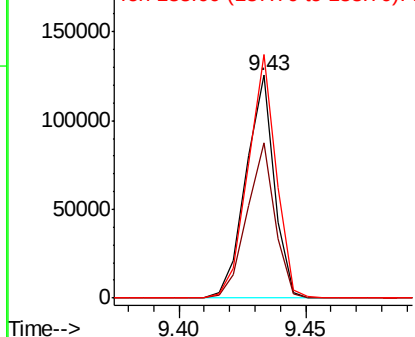


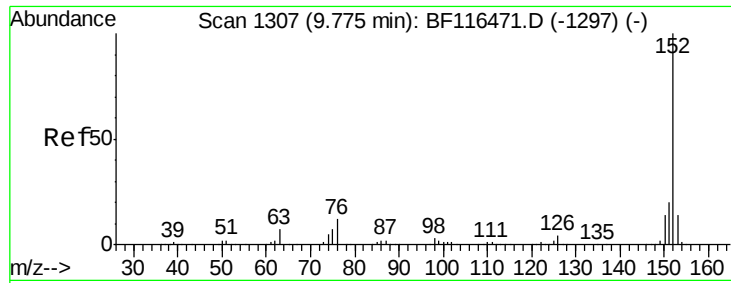
#48
2-Nitroaniline
Concen: 20.821 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

Tgt Ion: 65 Resp: 97562
Ion Ratio Lower Upper
65 100
92 69.6 58.2 87.2
138 109.3 96.6 144.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 20.805 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF116612.D

Acq: 28 Aug 2019 12:52

Instrument :

BNA_F

ClientSampleId :

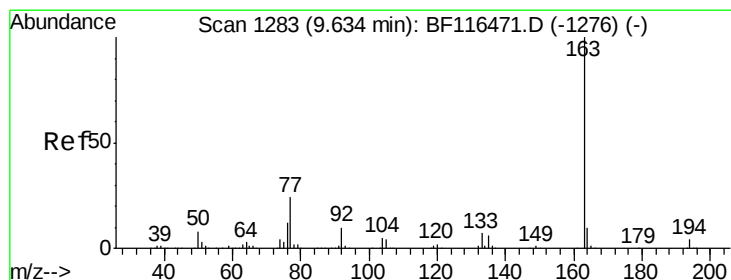
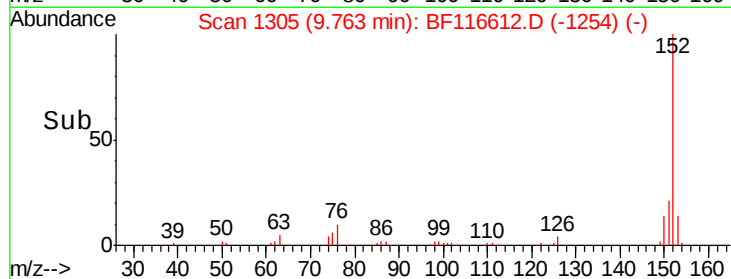
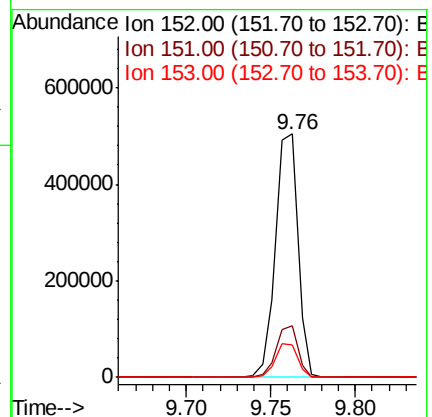
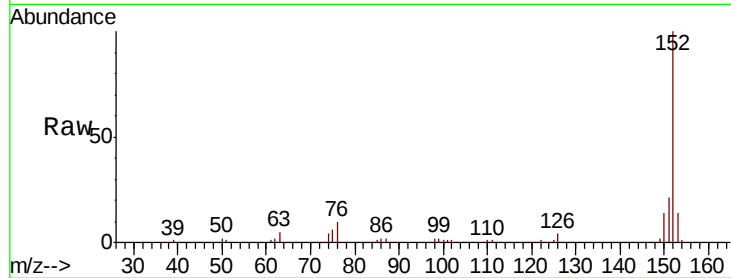
Tot Ion:152 Resp: 465813

Ion Ratio Lower Upper

152 100

151 21.0 16.4 24.6

153 13.6 11.3 16.9



#50

Dimethylphthalate

Concen: 20.905 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF116612.D

Acq: 28 Aug 2019 12:52

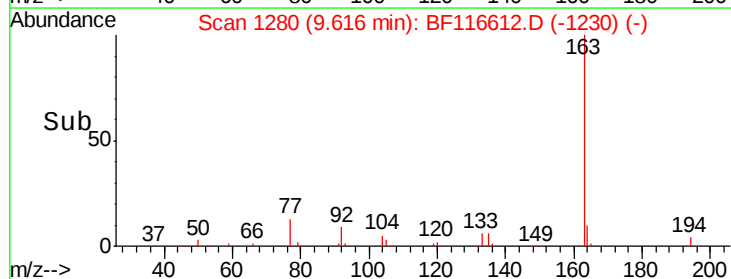
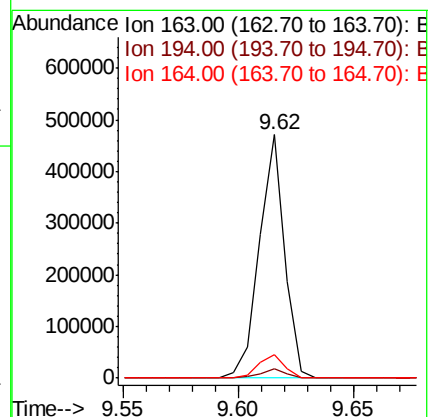
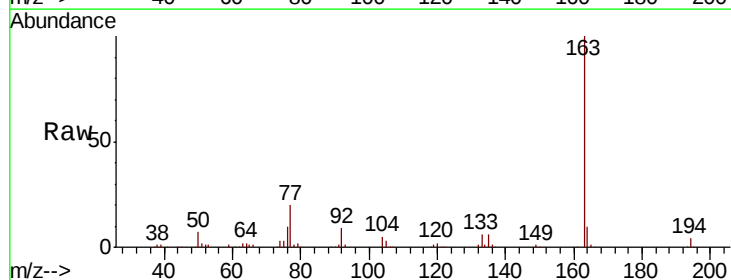
Tgt Ion:163 Resp: 360114

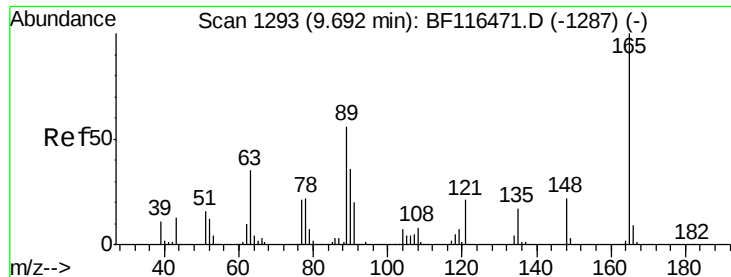
Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

164 9.7 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 21.961 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF116612.D

Acq: 28 Aug 2019 12:52

Instrument :

BNA_F

ClientSampleId :

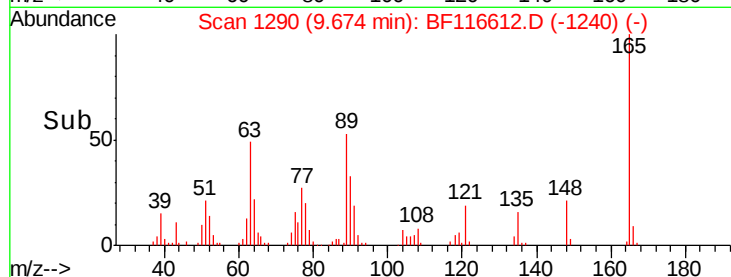
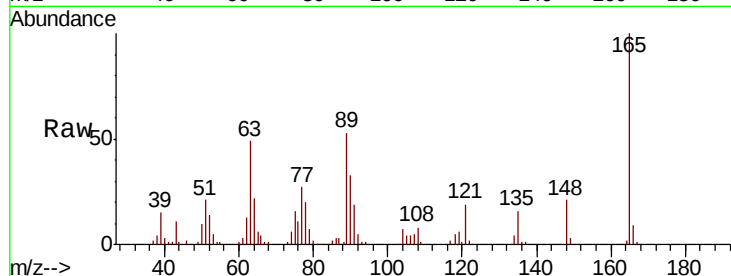
Tot Ion:165 Resp: 77434

Ion Ratio Lower Upper

165 100

63 48.7 37.2 55.8

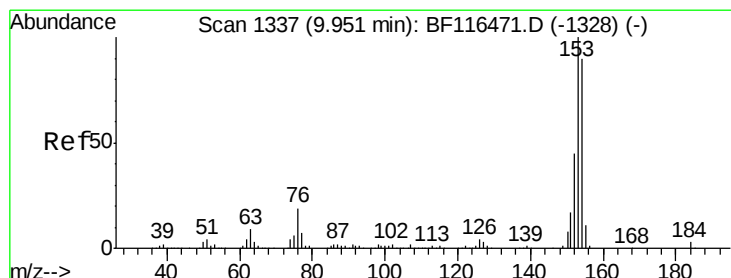
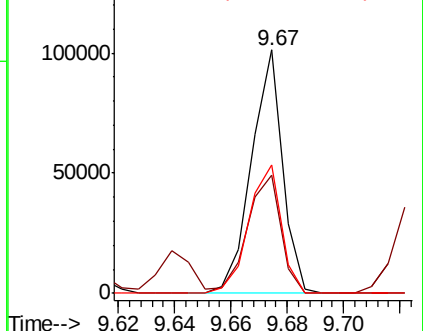
89 52.6 40.8 61.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 21.229 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF116612.D

Acq: 28 Aug 2019 12:52

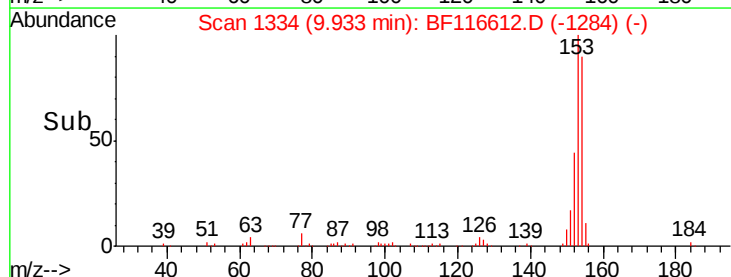
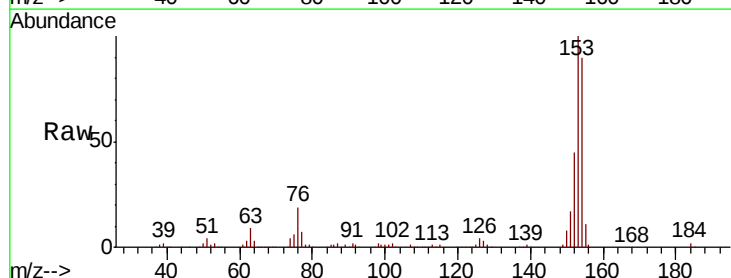
Tgt Ion:154 Resp: 305002

Ion Ratio Lower Upper

154 100

153 111.3 86.6 129.8

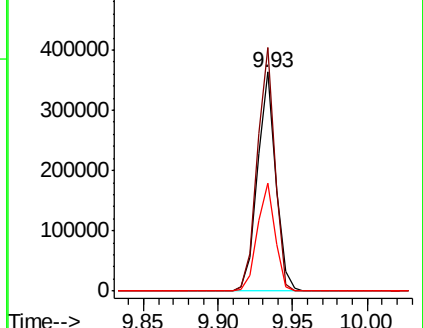
152 49.5 39.4 59.0

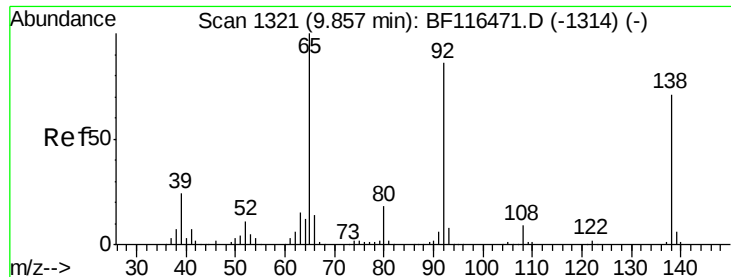


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

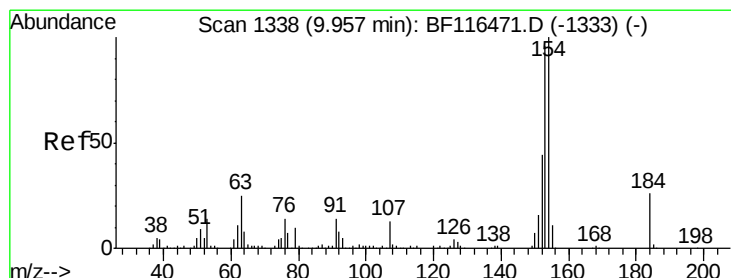
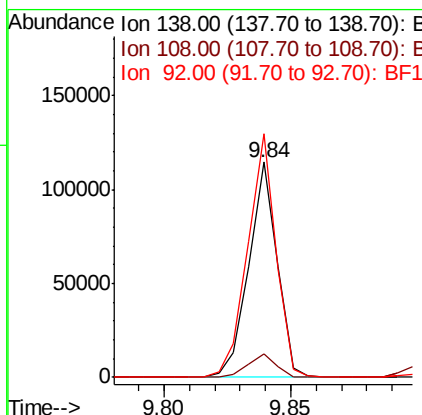
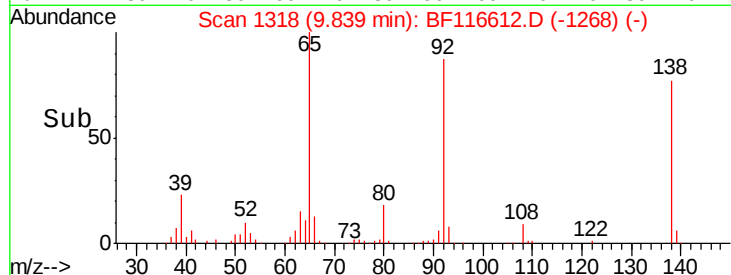
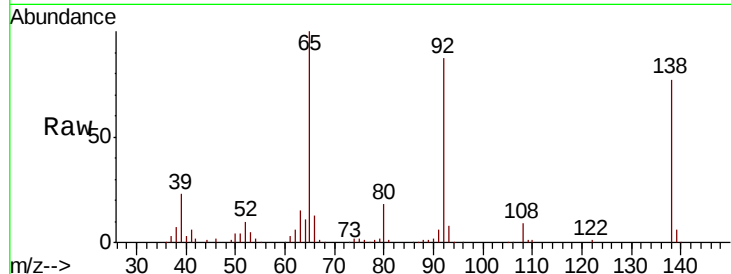




#53
 3-Nitroaniline
 Concen: 21.261 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 12:52

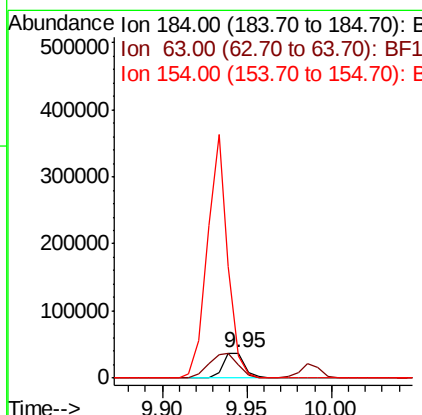
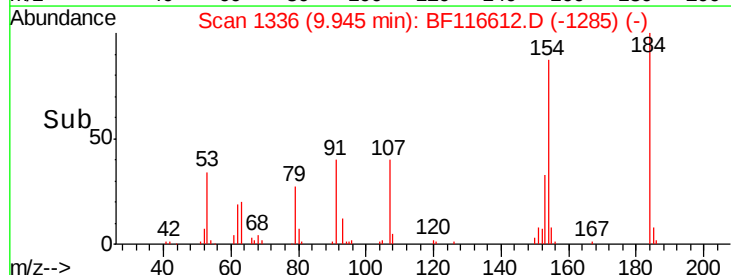
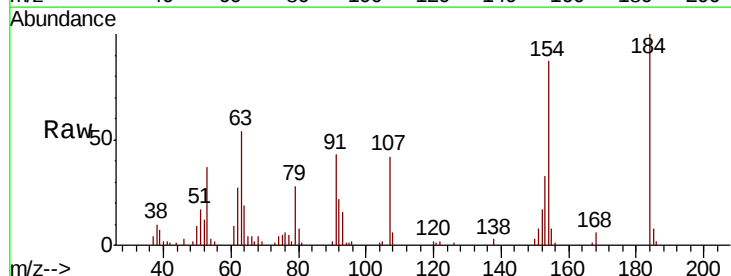
Instrument :
 BNA_F
 ClientSampleId :

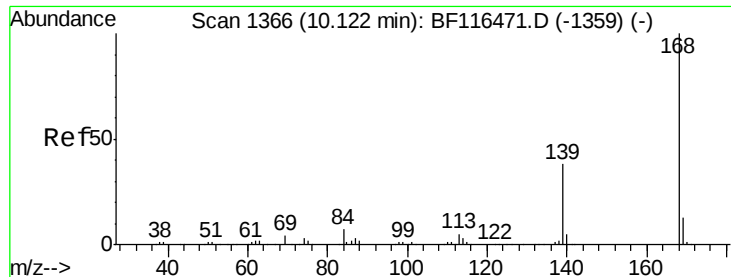
Tot Ion:138 Resp: 89359
 Ion Ratio Lower Upper
 138 100
 108 11.2 8.5 12.7
 92 113.1 91.6 137.4



#54
 2,4-Dinitrophenol
 Concen: 30.395 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 12:52

Tgt Ion:184 Resp: 33696
 Ion Ratio Lower Upper
 184 100
 63 54.1 62.7 94.1#
 154 87.2 150.0 225.0#

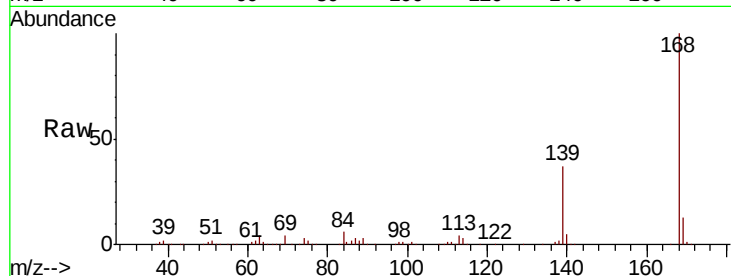




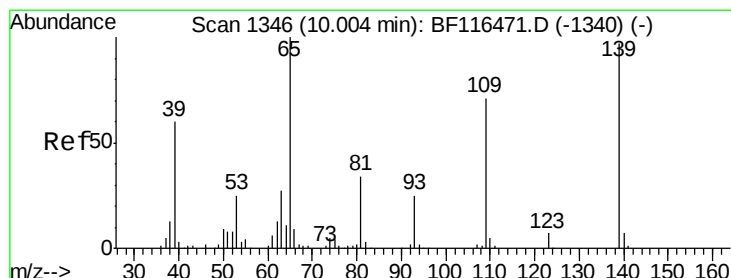
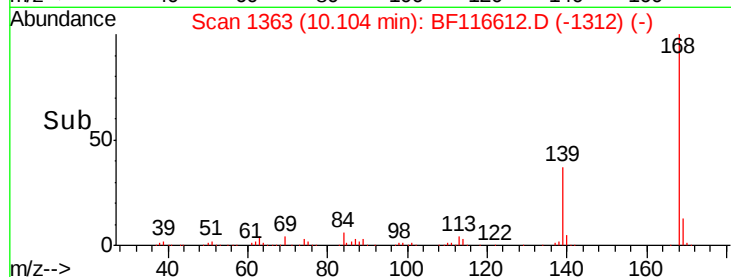
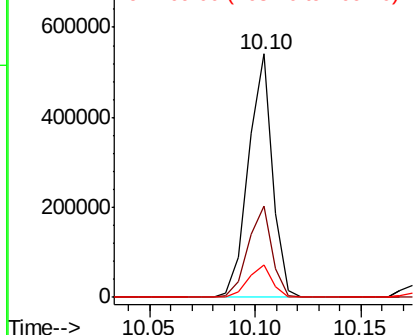
#55
Dibenzofuran
Concen: 21.333 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 427238
Ion Ratio Lower Upper
168 100
139 37.3 31.3 46.9
169 13.2 11.3 16.9

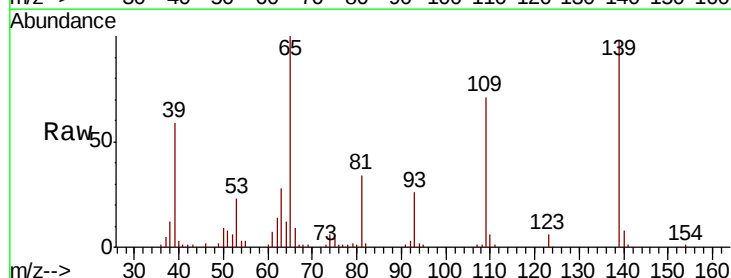


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

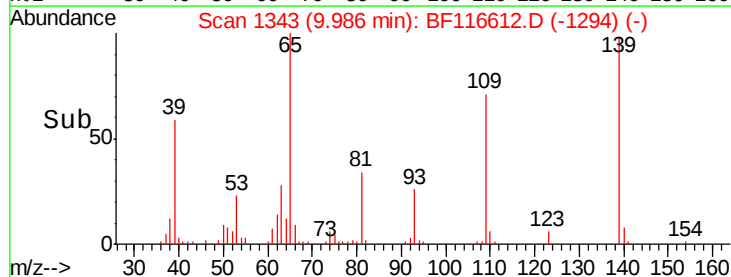
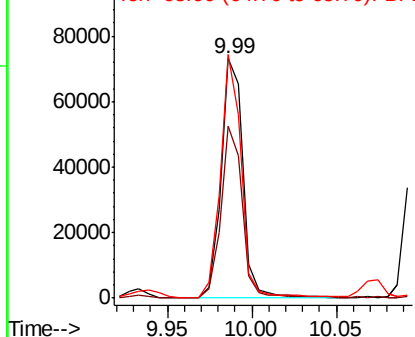


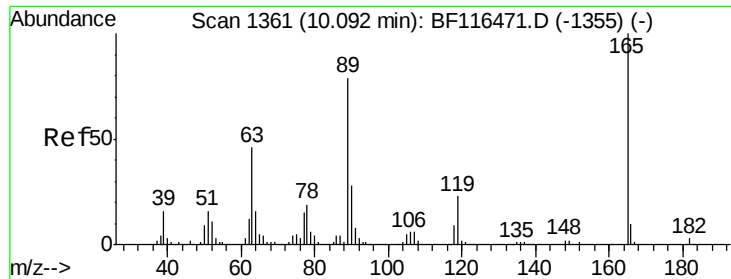
#56
4-Nitrophenol
Concen: 20.228 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

Tgt Ion:139 Resp: 66079
Ion Ratio Lower Upper
139 100
109 71.9 45.5 85.5
65 101.6 66.8 106.8



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

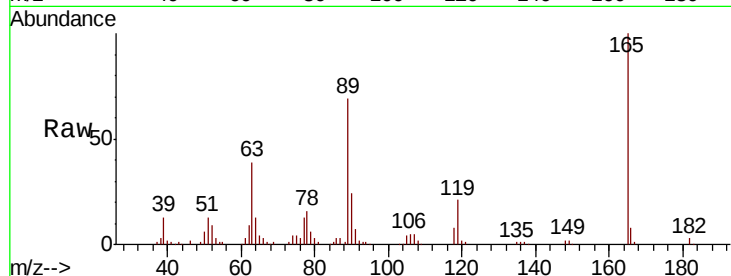




#57
 2,4-Dinitrotoluene
 Concen: 22.310 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 12:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.2	30.9	46.3
89	69.1	55.0	82.6
182	2.8	2.2	3.2



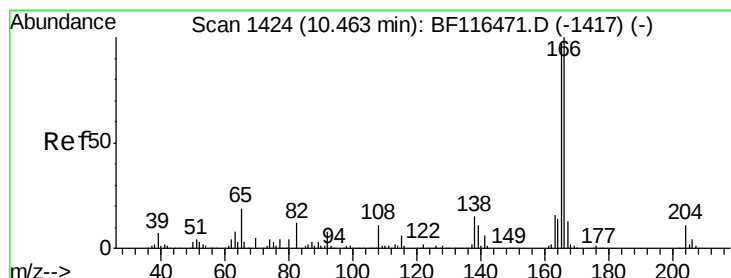
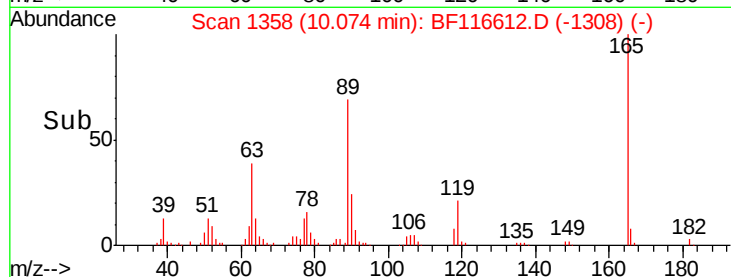
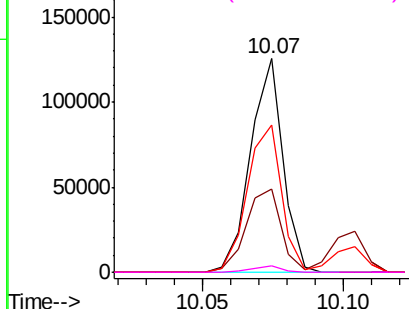
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

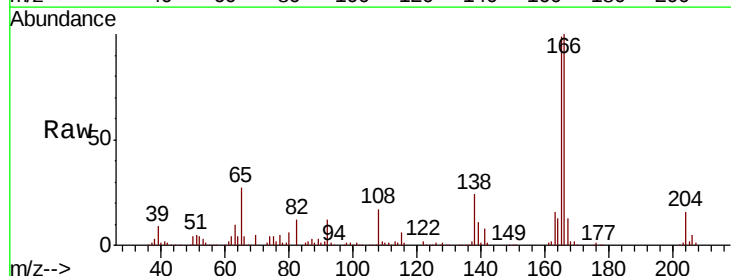
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 20.834 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 12:52

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.8	116.6
167	13.2	10.6	16.0

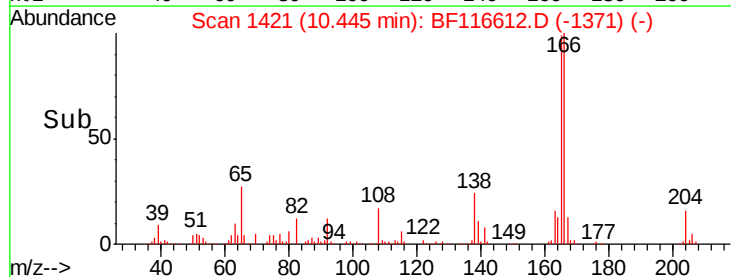
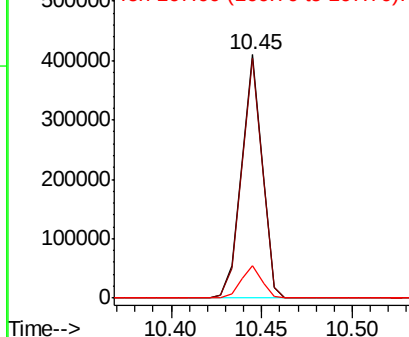


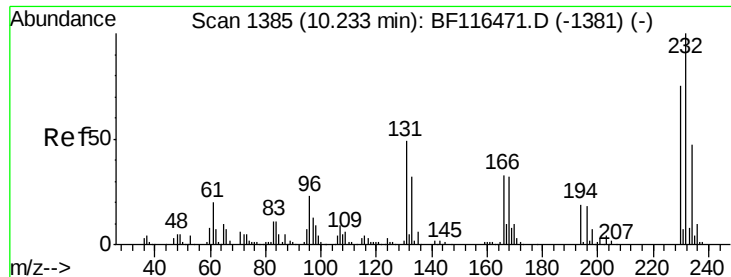
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

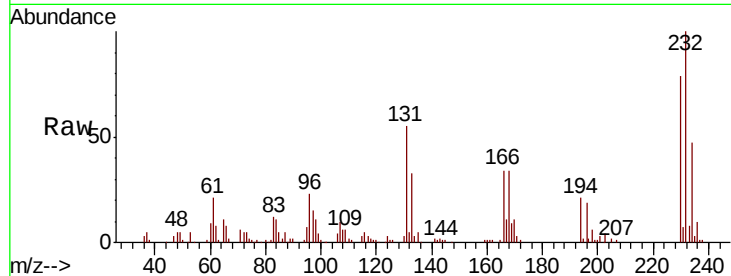




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 21.830 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 12:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.7	37.7	56.5
130	2.1	1.8	2.6
166	31.1	25.5	38.3



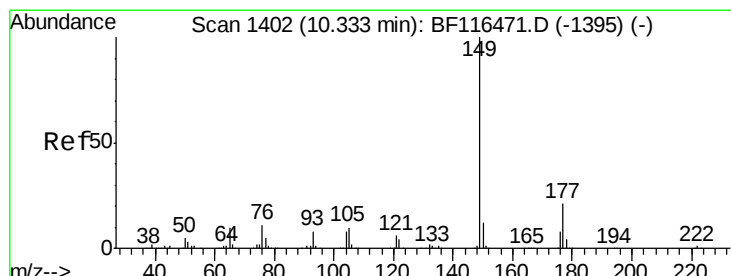
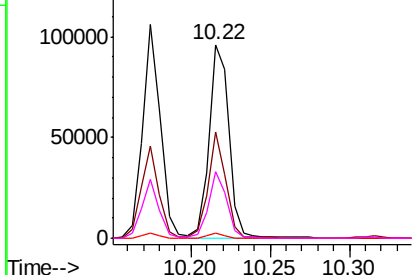
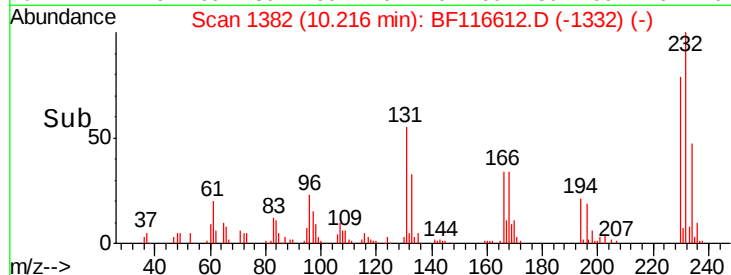
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

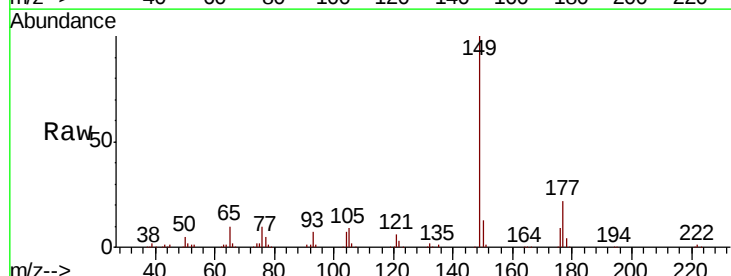
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 20.380 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 12:52

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	18.2	27.4
150	12.6	10.1	15.1

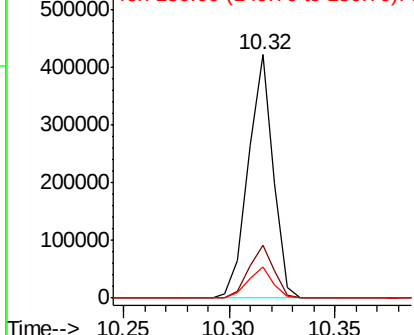
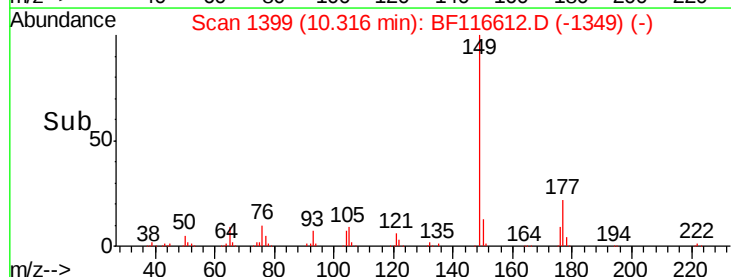


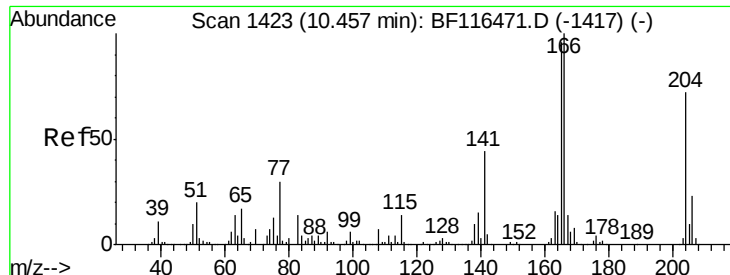
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



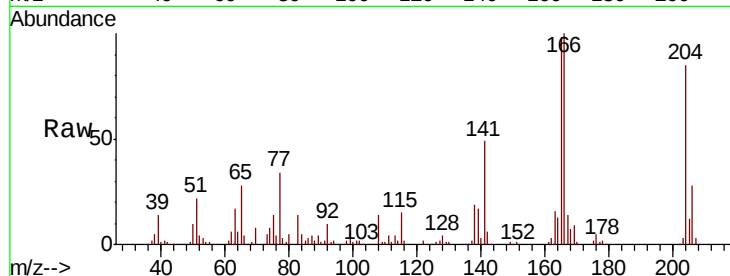


#61
 4-Chlorophenyl-phenylether
 Concen: 21.459 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.00 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 12:52

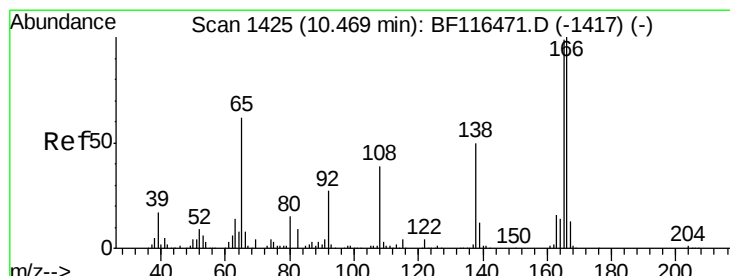
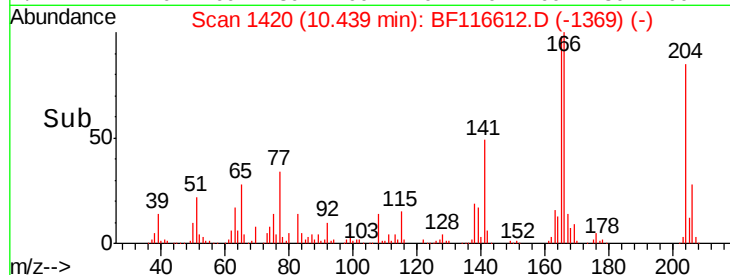
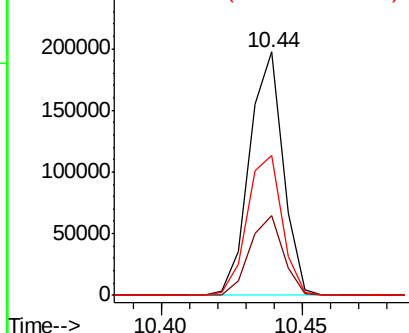
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 204 Resp: 162889

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.0	39.0
141	57.7	47.9	71.9



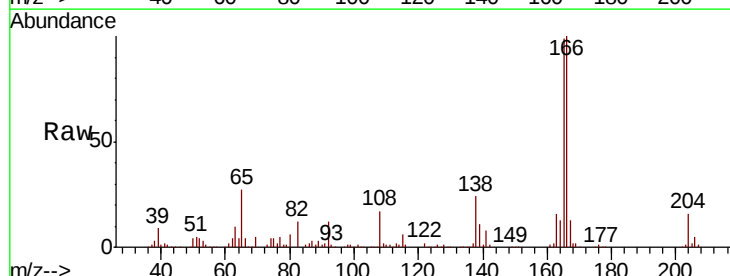
Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E



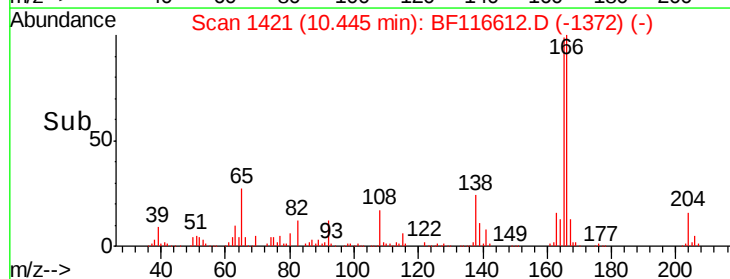
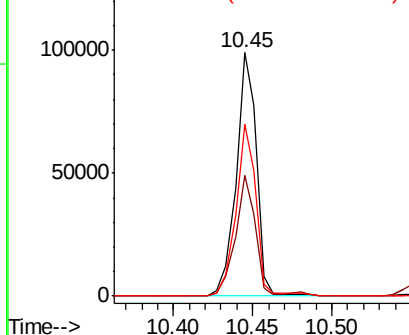
#62
 4-Nitroaniline
 Concen: 21.285 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 12:52

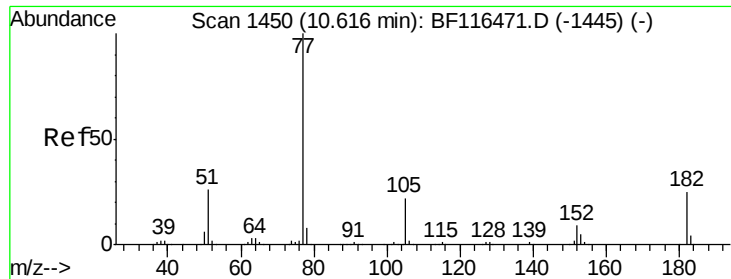
Tgt Ion: 138 Resp: 87493

Ion	Ratio	Lower	Upper
138	100		
92	49.6	28.9	68.9
108	70.7	49.3	89.3



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 19.917 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BF116612.D

Acq: 28 Aug 2019 12:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 346730

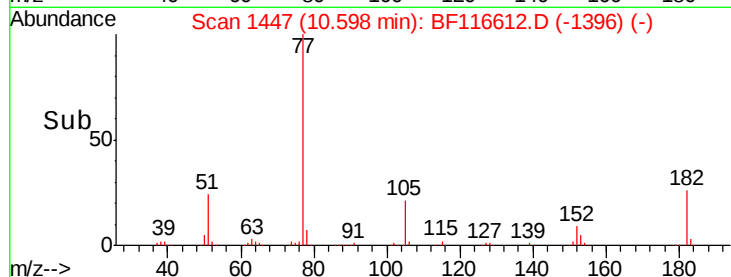
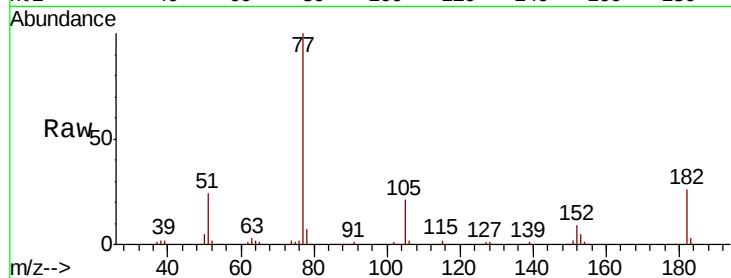
Ion Ratio Lower Upper

77 100

182 26.3 3.8 43.8

105 21.4 1.6 41.6

51 24.3 6.1 46.1

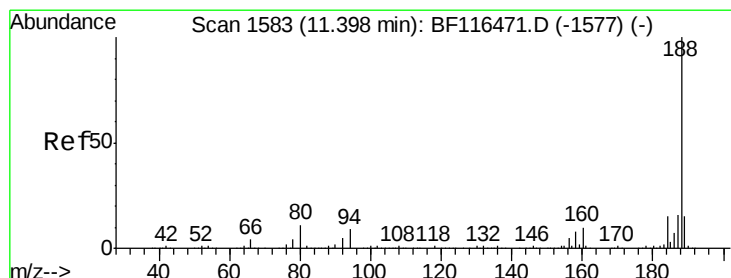
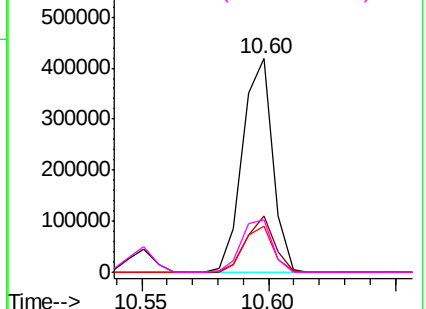


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BF116612.D

Acq: 28 Aug 2019 12:52

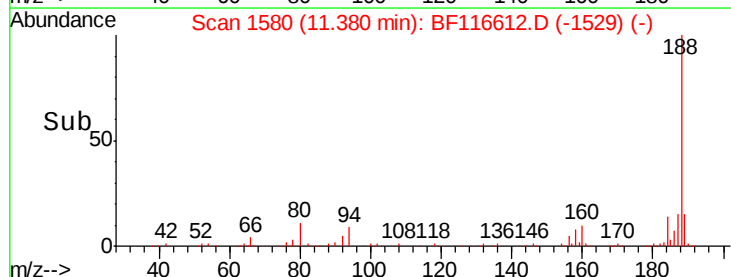
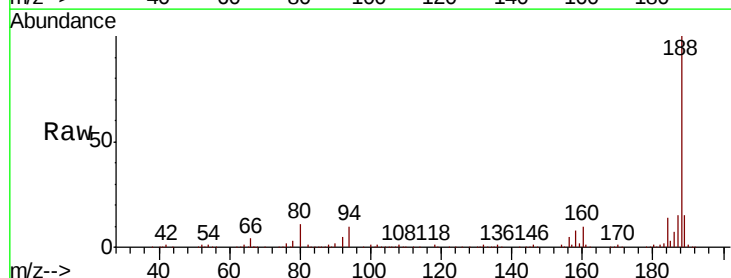
Tgt Ion: 188 Resp: 433692

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.4

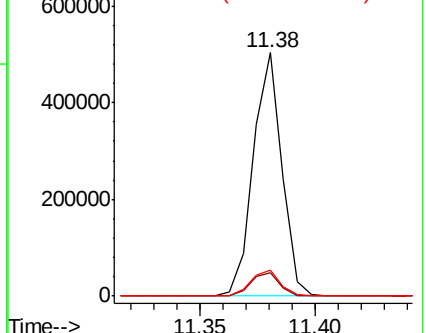
80 10.5 8.9 13.3

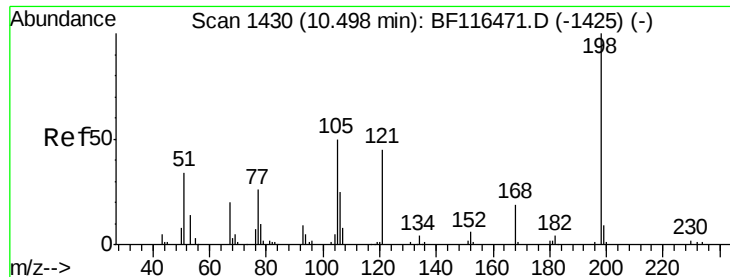


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 28.293 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF116612.D

Acq: 28 Aug 2019 12:52

Instrument :

BNA_F

ClientSampleId :

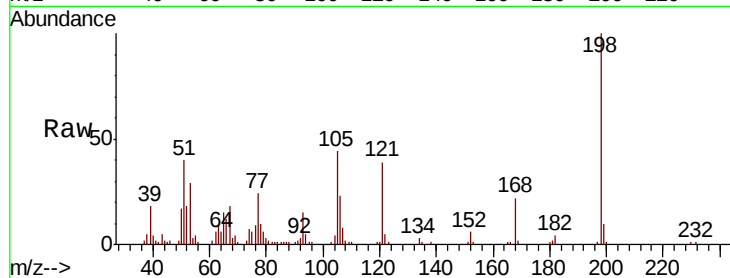
Tot Ion:198 Resp: 44829

Ion Ratio Lower Upper

198 100

51 40.3 21.9 61.9

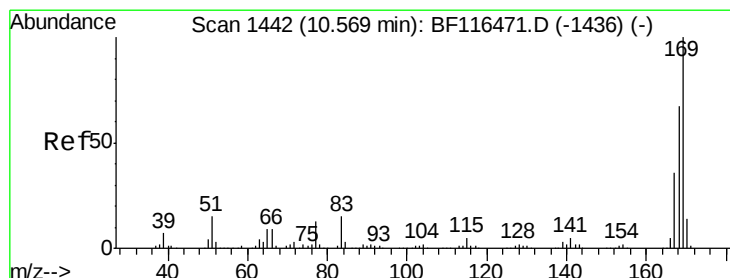
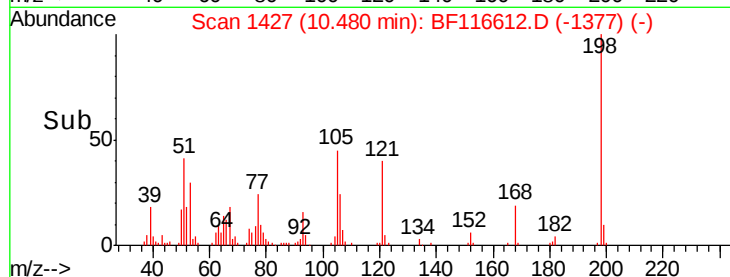
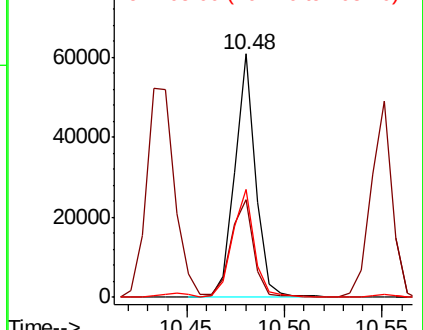
105 44.4 25.2 65.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 20.385 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF116612.D

Acq: 28 Aug 2019 12:52

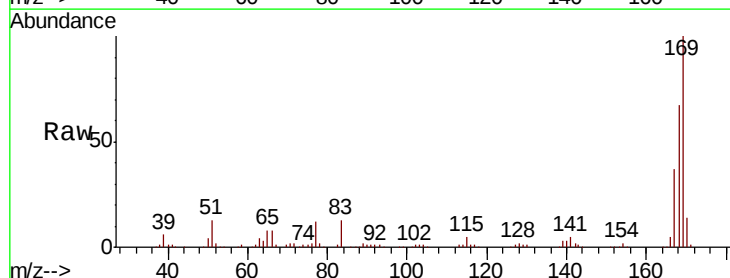
Tgt Ion:169 Resp: 286259

Ion Ratio Lower Upper

169 100

168 67.2 53.8 80.8

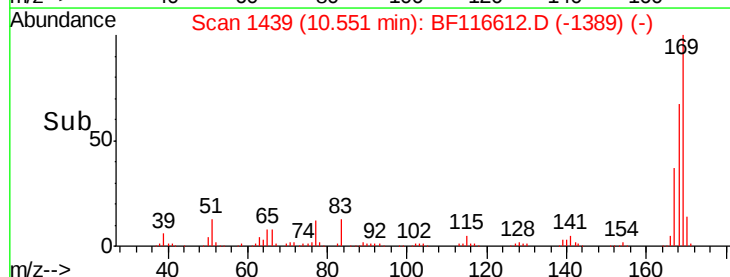
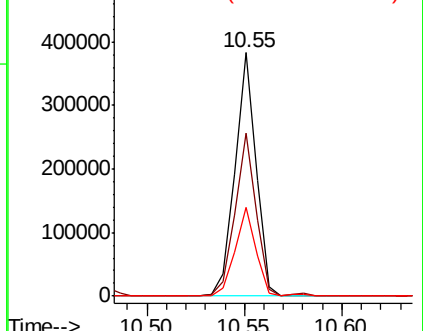
167 36.5 29.3 43.9

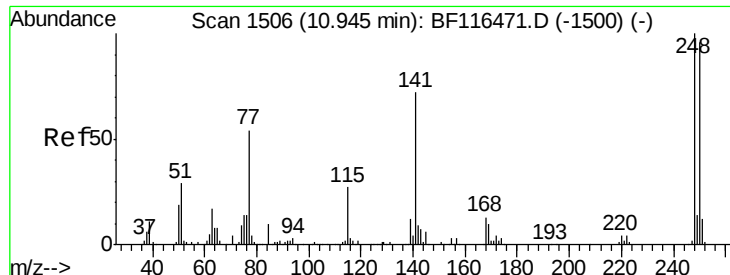


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

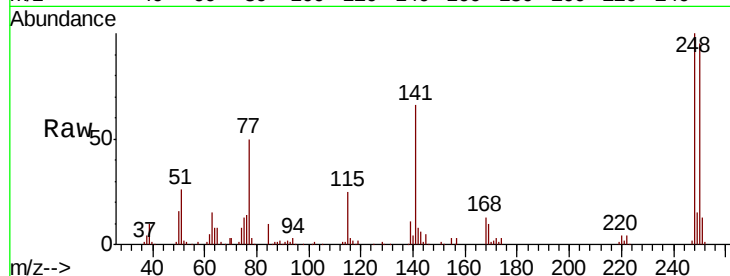




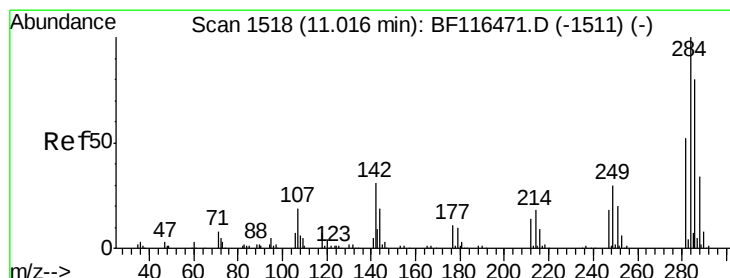
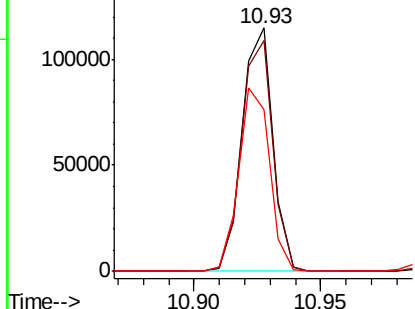
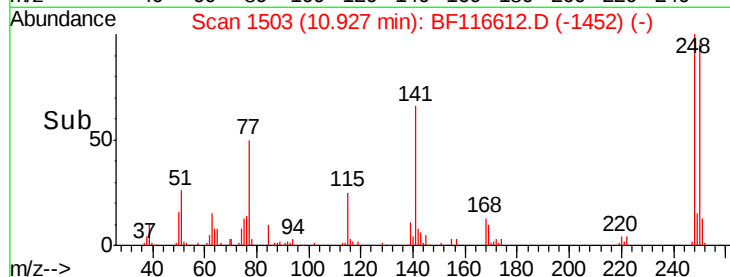
#67
4-Bromophenyl-phenylether
Concen: 21.309 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 96887
Ion Ratio Lower Upper
248 100
250 94.9 76.6 115.0
141 66.4 60.8 91.2

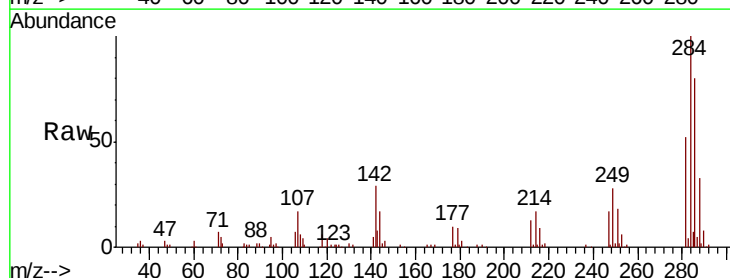


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

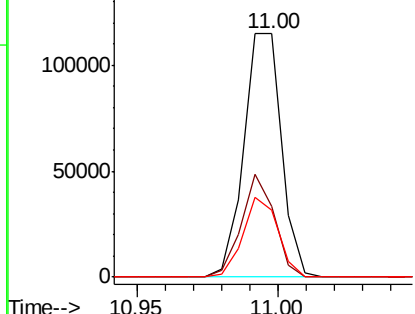
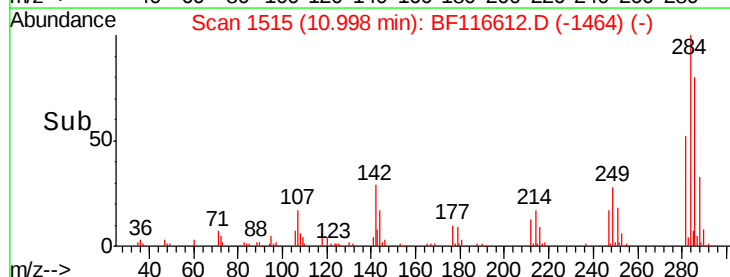


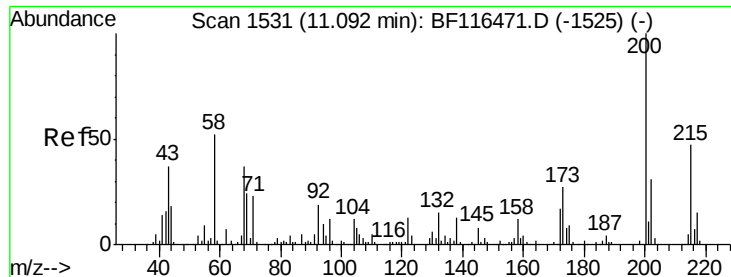
#68
Hexachlorobenzene
Concen: 21.151 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

Tgt Ion:284 Resp: 106365
Ion Ratio Lower Upper
284 100
142 28.9 27.8 41.8
249 27.5 24.2 36.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

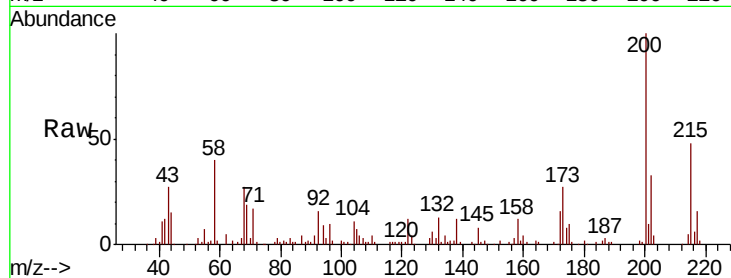




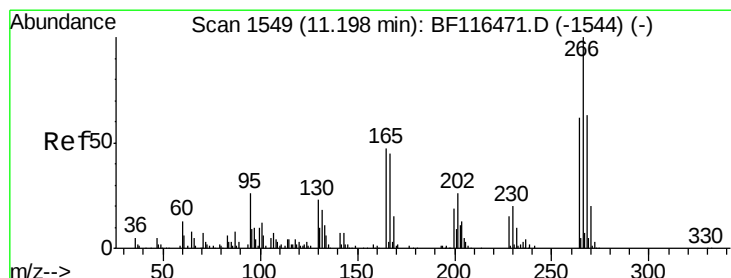
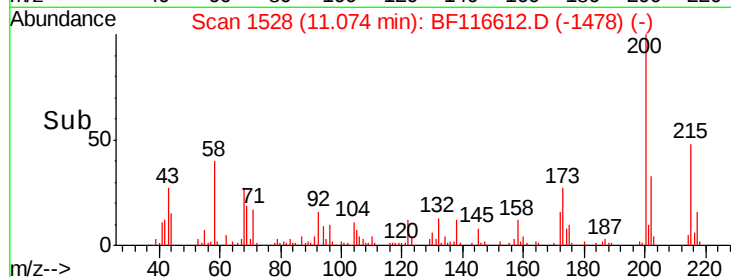
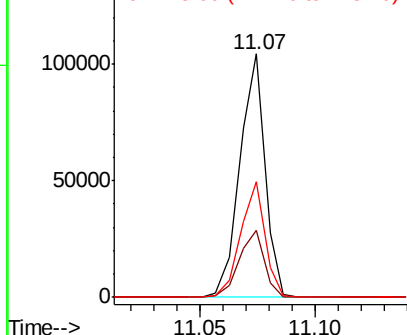
#69
 Atrazine
 Concen: 18.956 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. -0.01 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 12:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	6.8	46.8
215	47.6	28.5	68.5

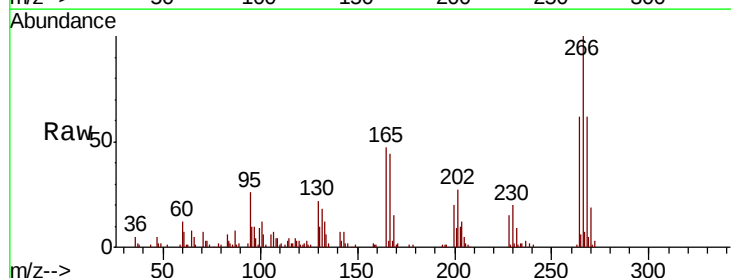


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

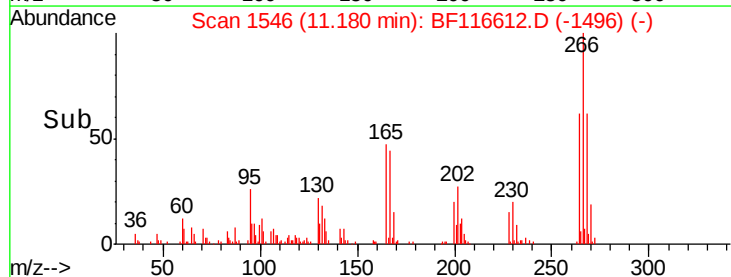
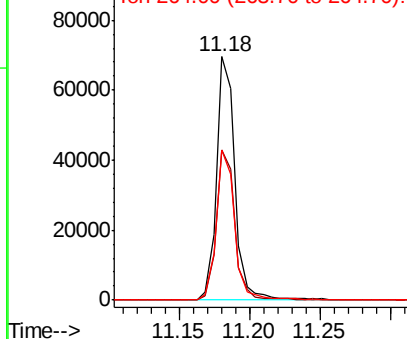


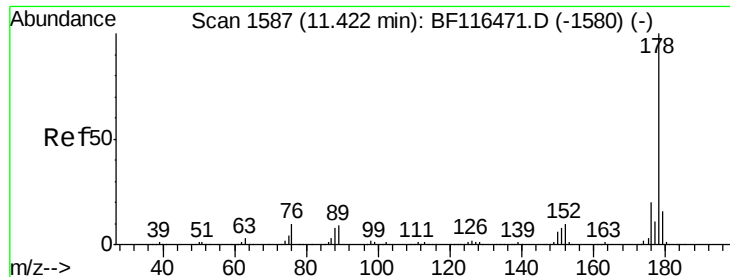
#70
 Pentachlorophenol
 Concen: 21.365 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 12:52

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.9	49.8	74.8
264	61.9	49.9	74.9



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 21.109 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF116612.D

Acq: 28 Aug 2019 12:52

Instrument :

BNA_F

ClientSampleId :

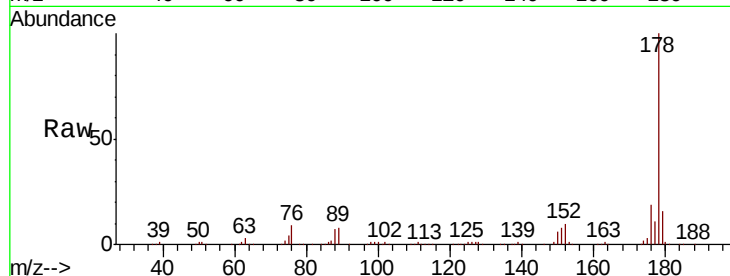
Tot Ion:178 Resp: 498708

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

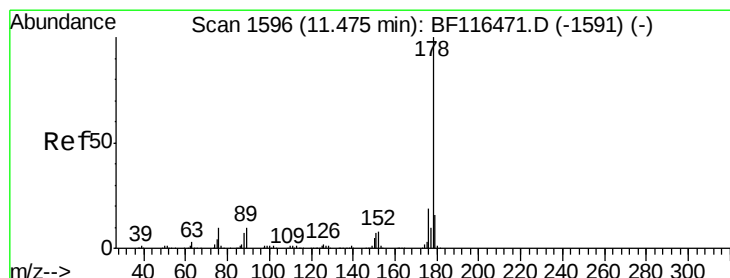
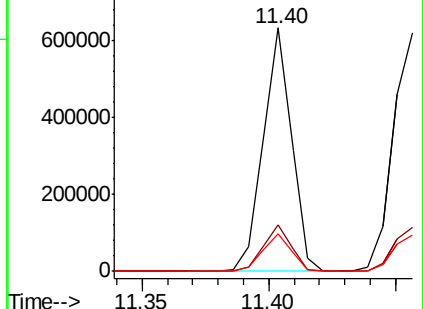
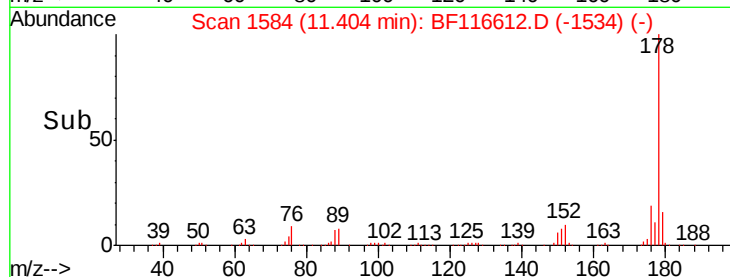
179 15.5 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 21.061 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.00 min

Lab File: BF116612.D

Acq: 28 Aug 2019 12:52

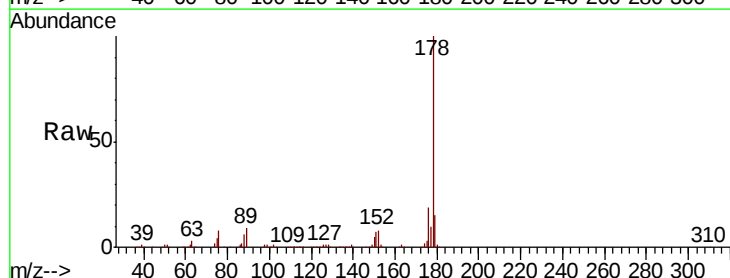
Tgt Ion:178 Resp: 500007

Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

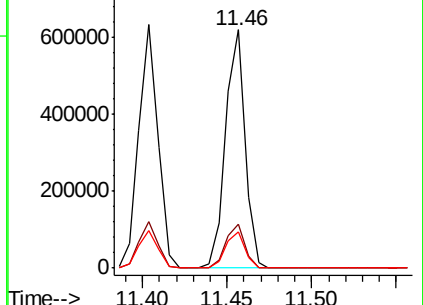
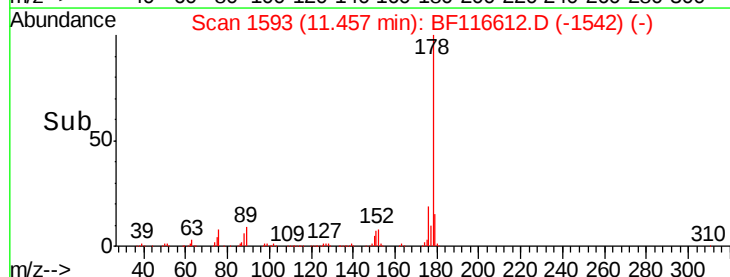
179 15.3 12.7 19.1

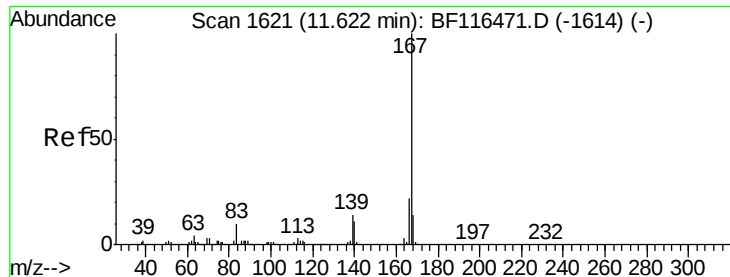


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

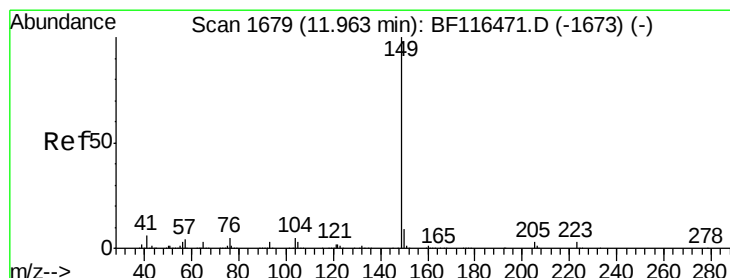
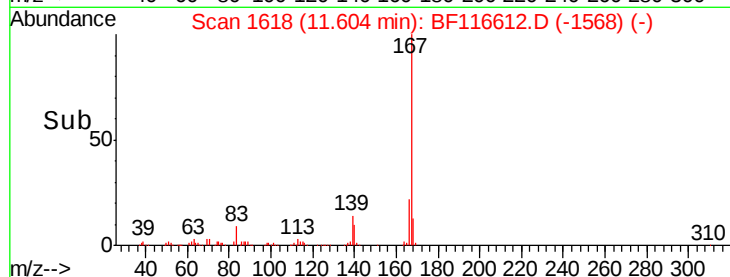
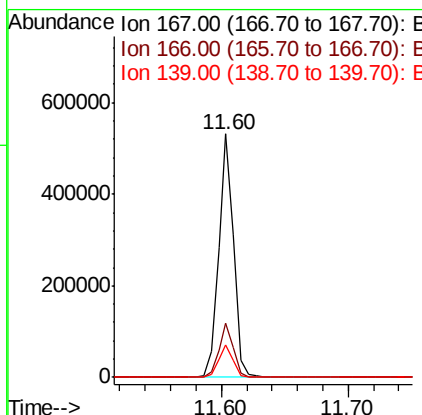
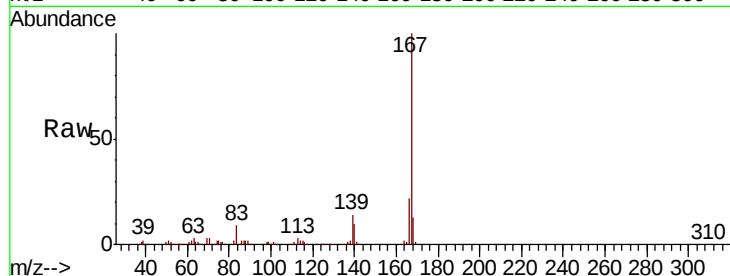




#73
 Carbazole
 Concen: 20.615 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 12:52

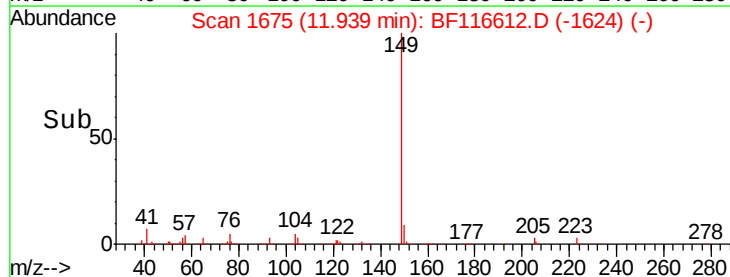
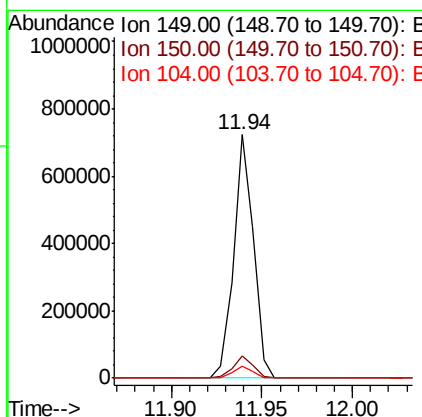
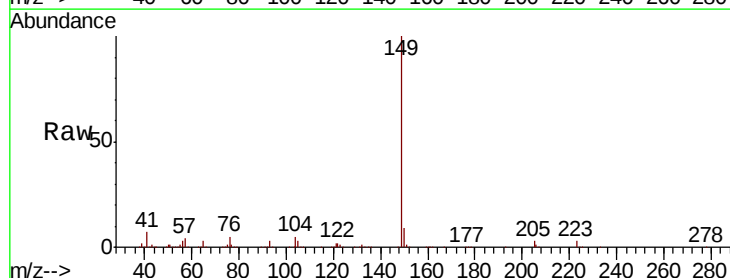
Instrument :
 BNA_F
 ClientSampleId :

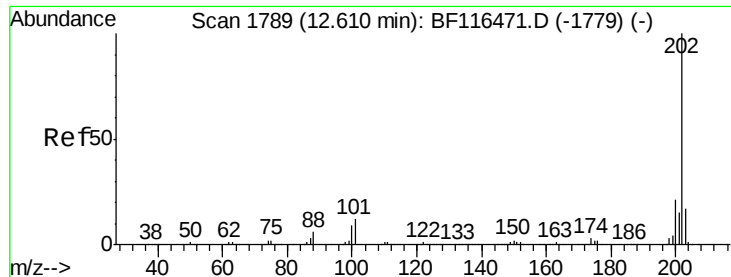
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.9	26.9
139	13.5	10.3	15.5



#74
 Di-n-butylphthalate
 Concen: 20.741 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 12:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	5.0	4.2	6.4

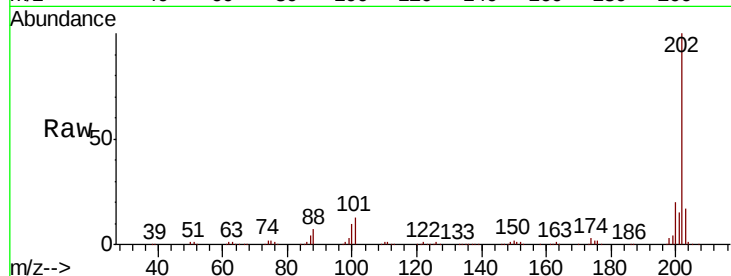




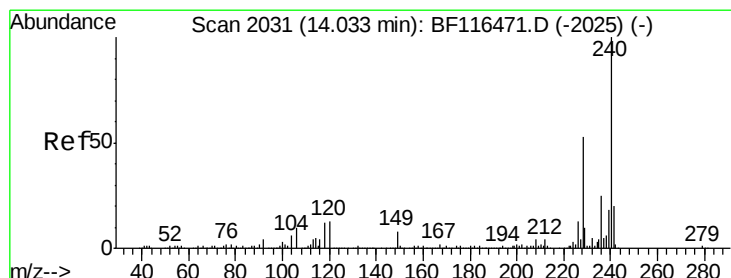
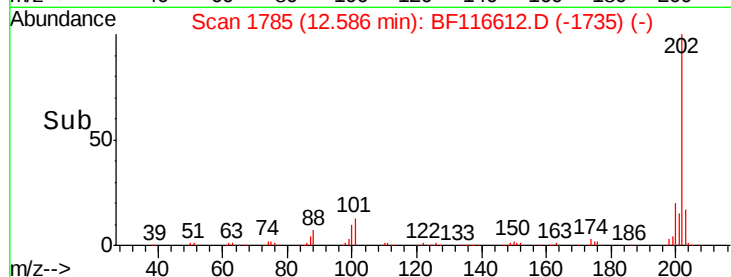
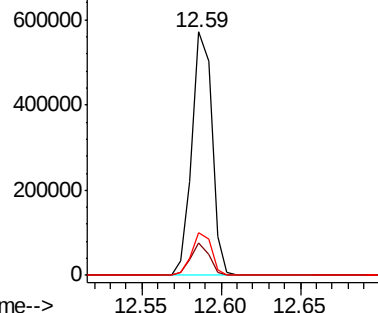
#75
Fluoranthene
Concen: 20.663 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	31.8
203	17.4	0.0	37.1

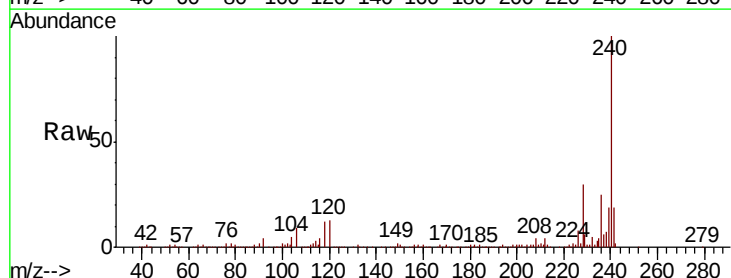


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

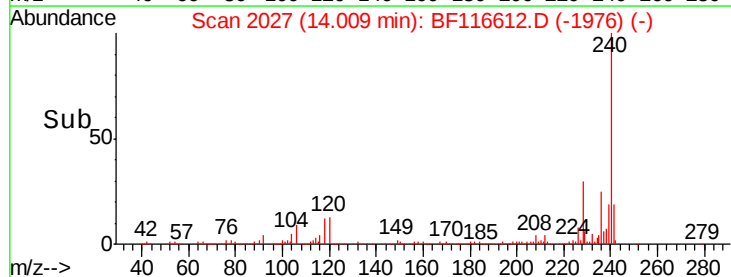
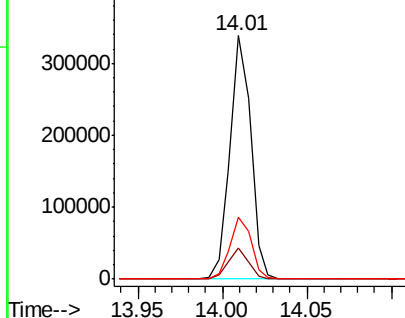


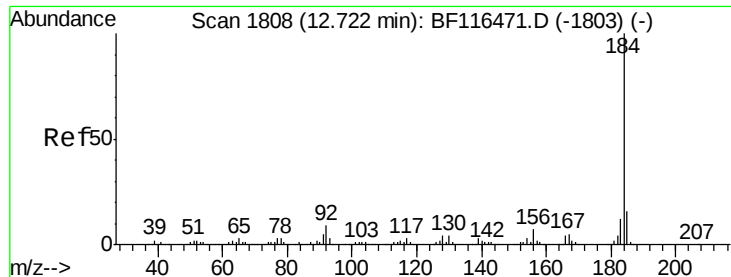
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.6	11.3	16.9
236	25.4	21.4	32.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 12.704 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BF116612.D

Acq: 28 Aug 2019 12:52

Instrument :

BNA_F

ClientSampleId :

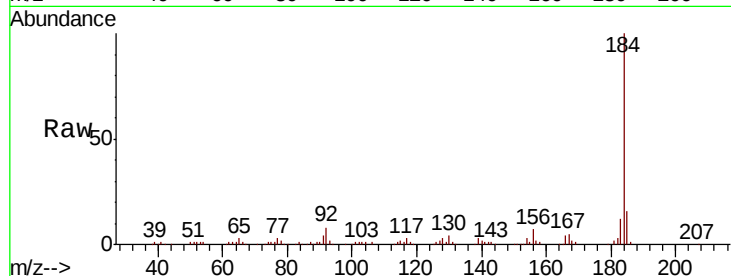
Tot Ion:184 Resp: 149167

Ion Ratio Lower Upper

184 100

185 16.0 11.5 17.3

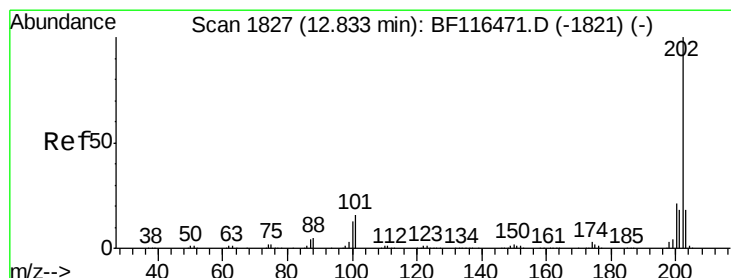
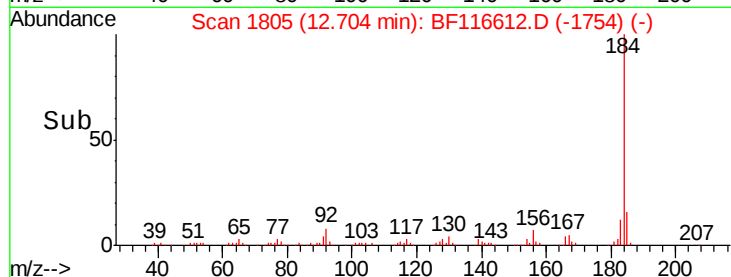
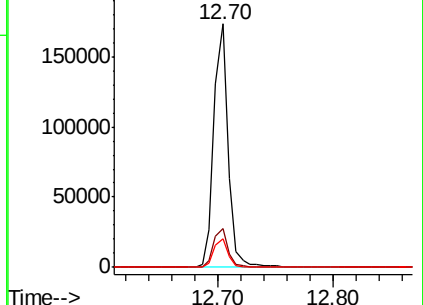
183 11.9 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 21.727 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF116612.D

Acq: 28 Aug 2019 12:52

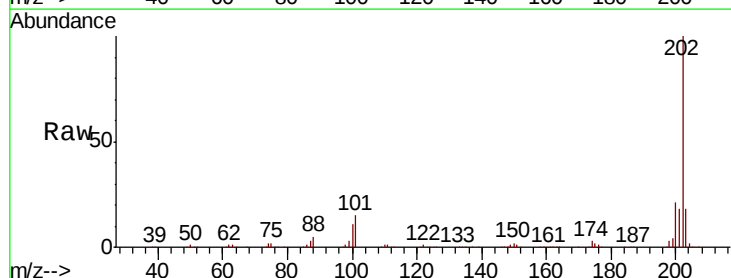
Tgt Ion:202 Resp: 507077

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.0

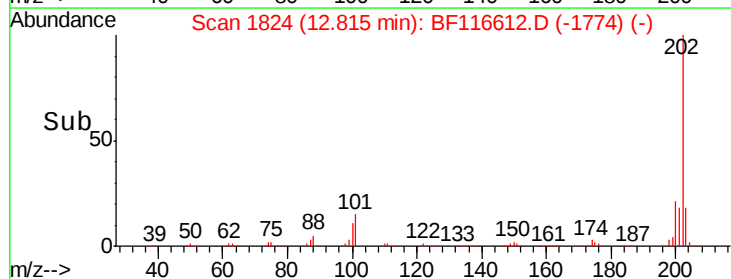
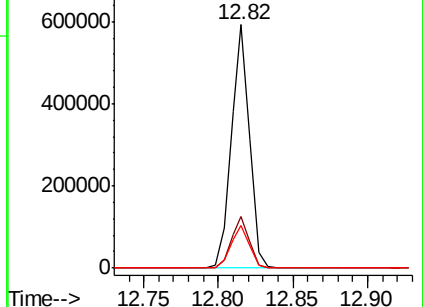
203 17.8 14.2 21.4

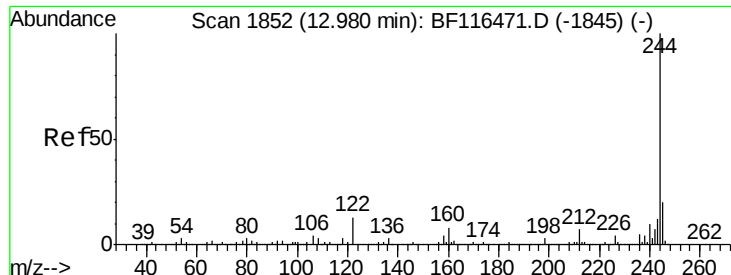


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

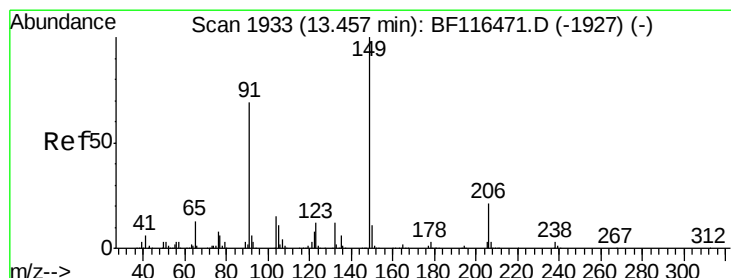
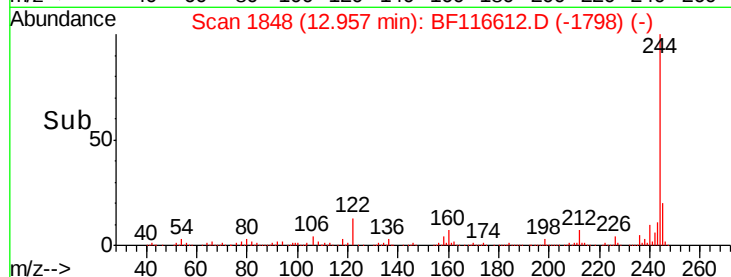
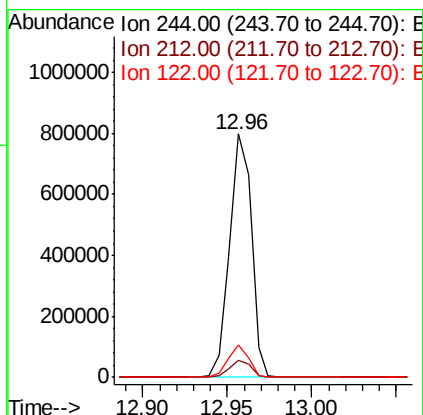
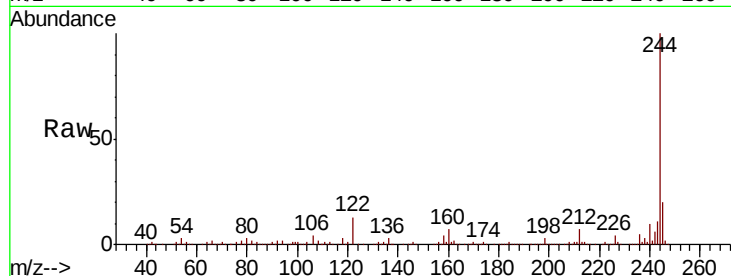




#79
 Terphenyl-d14
 Concen: 45.915 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 12:52

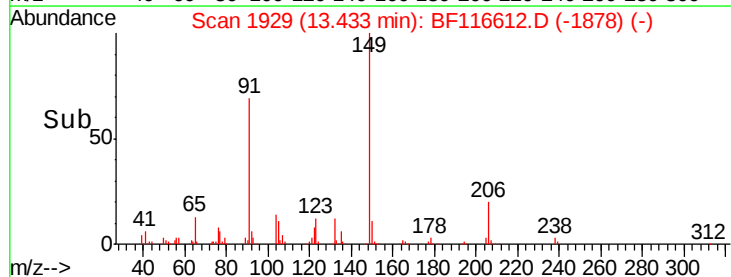
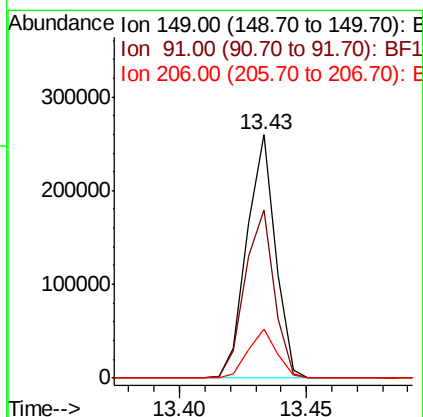
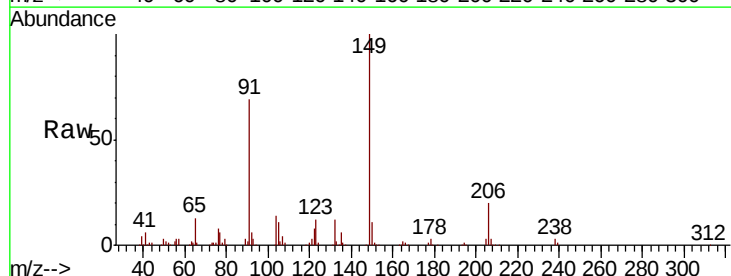
Instrument :
 BNA_F
 ClientSampled :

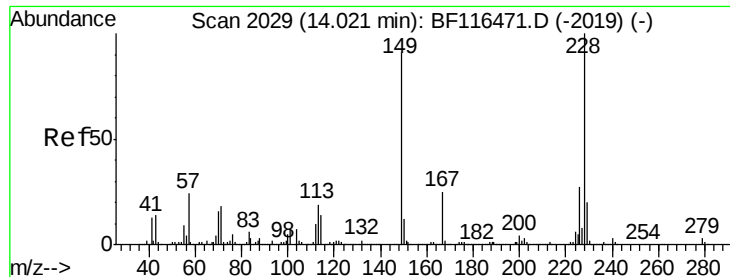
Tot Ion:244 Resp: 717386
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 13.1 10.0 15.0



#80
 Butylbenzylphthalate
 Concen: 20.275 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 12:52

Tgt Ion:149 Resp: 204356
 Ion Ratio Lower Upper
 149 100
 91 69.3 57.9 86.9
 206 20.0 16.2 24.4





#81

Benzo(a)anthracene

Concen: 21.367 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF116612.D

Acq: 28 Aug 2019 12:52

Instrument :

BNA_F

ClientSampleId :

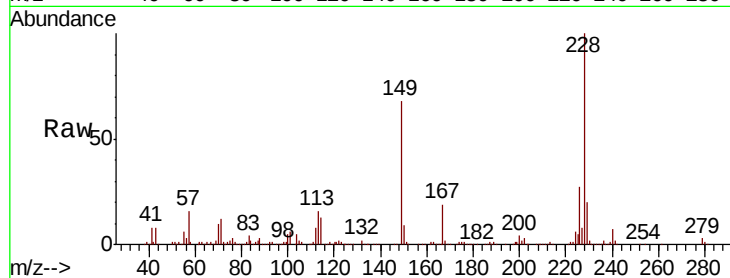
Tot Ion:228 Resp: 403878

Ion Ratio Lower Upper

228 100

226 27.0 21.5 32.3

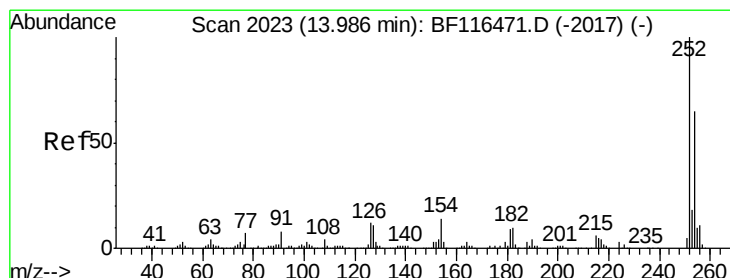
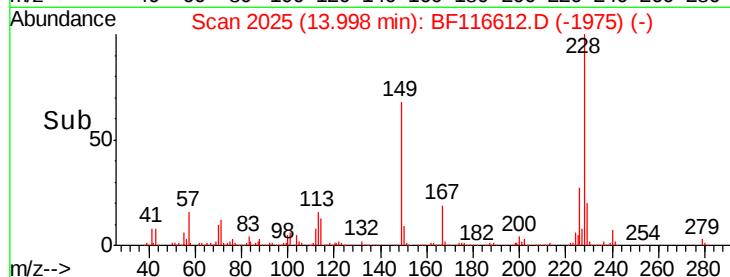
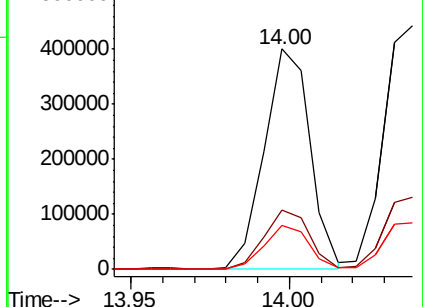
229 20.2 15.4 23.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 18.186 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF116612.D

Acq: 28 Aug 2019 12:52

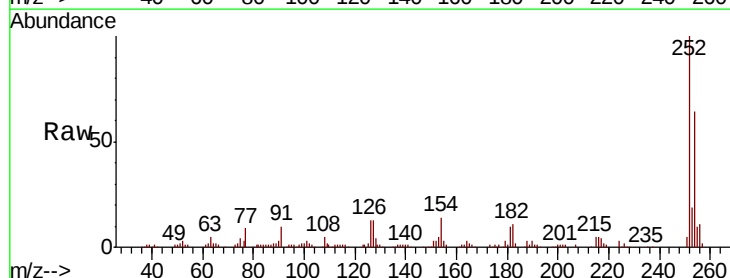
Tgt Ion:252 Resp: 122501

Ion Ratio Lower Upper

252 100

254 64.1 51.9 77.9

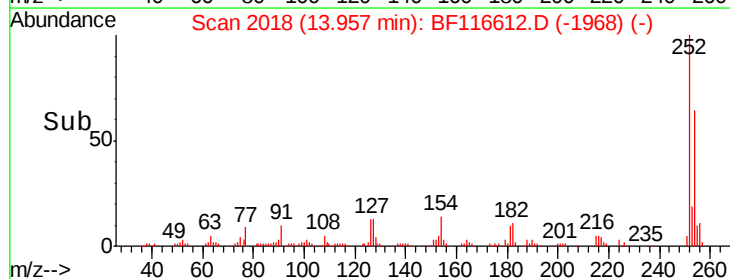
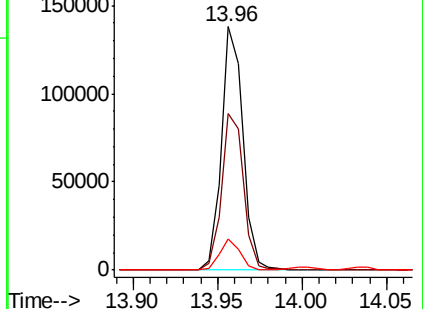
126 13.0 8.7 13.1

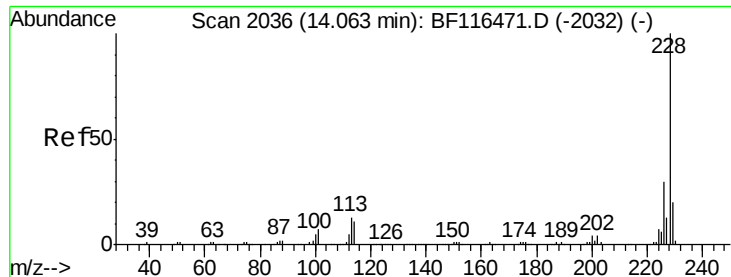


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

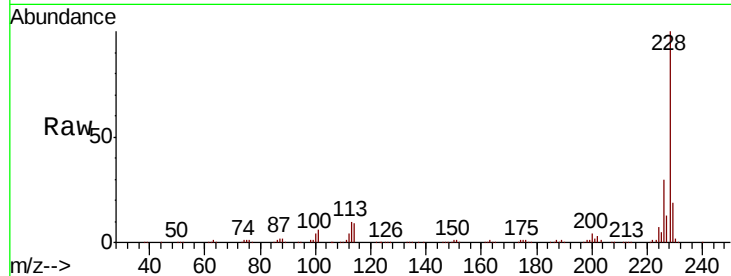




#83
 Chrvsene
 Concen: 20.993 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 12:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	19.4	15.8	23.8

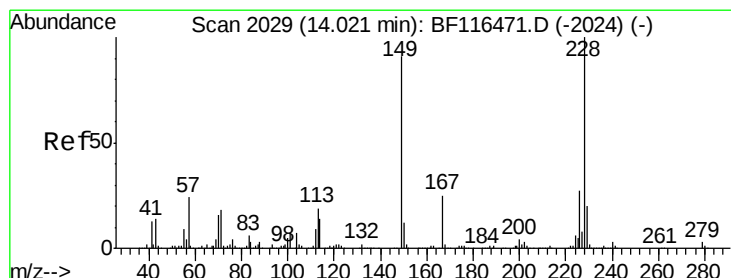
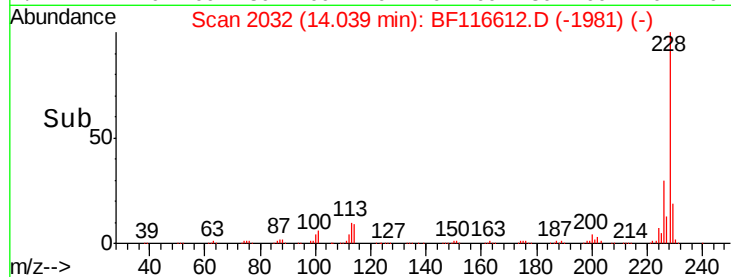
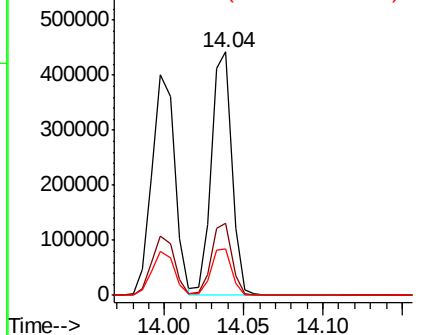


Abundance

Ion 228.00 (227.70 to 228.70): E

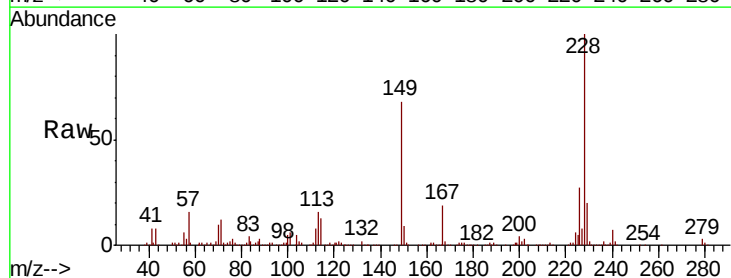
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 18.780 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF116612.D
 Acq: 28 Aug 2019 12:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.2	31.8
279	4.2	2.7	4.1#

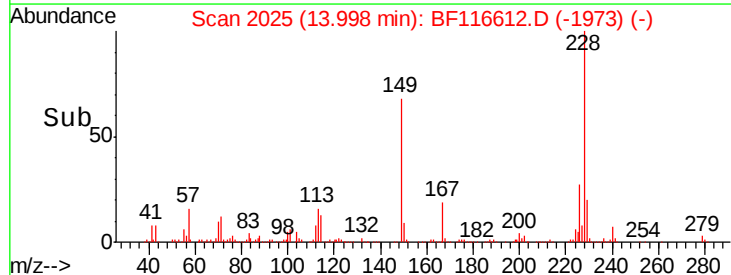
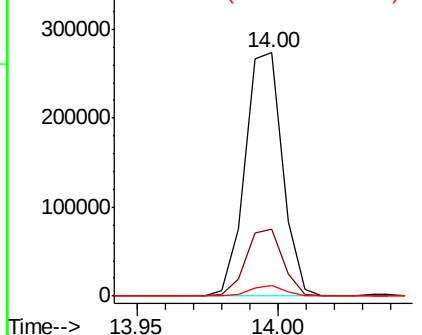


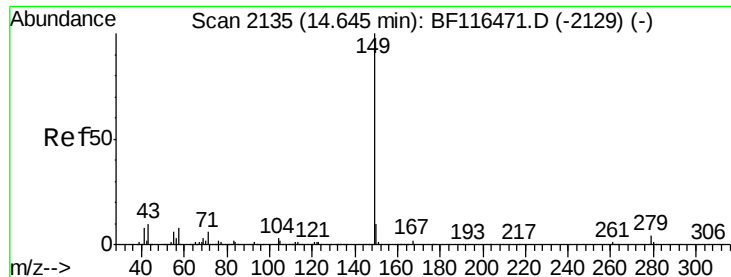
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

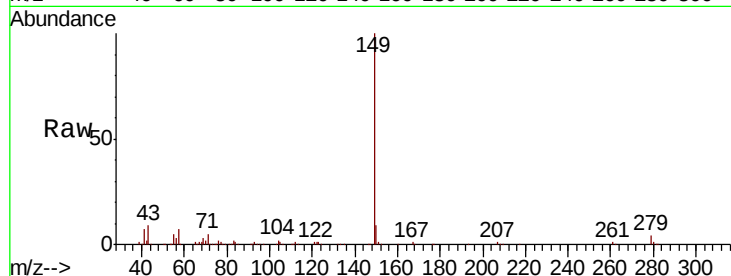




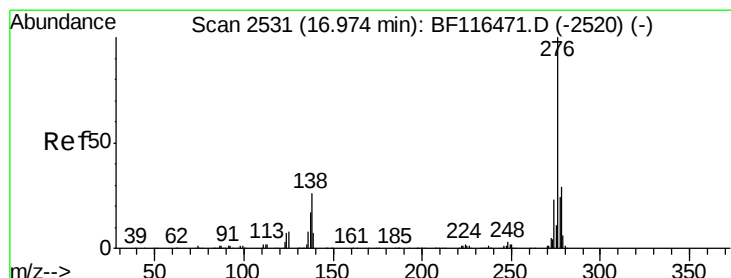
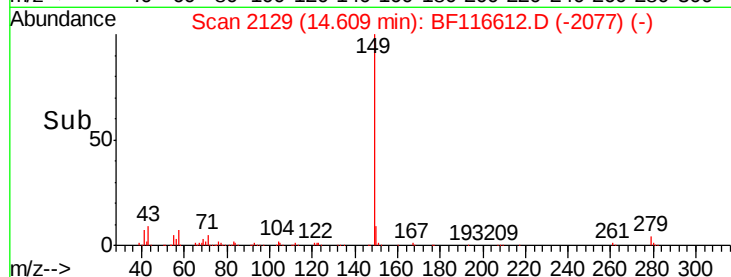
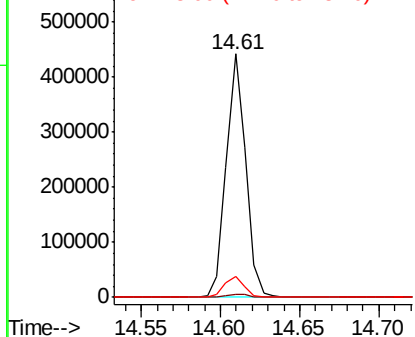
#85
Di-n-octyl phthalate
Concen: 16.398 ng
RT: 14.61 min Scan# 2129
Delta R.T. 0.01 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.0	7.4	11.0

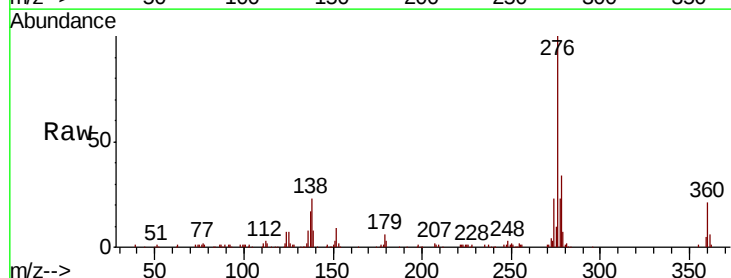


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

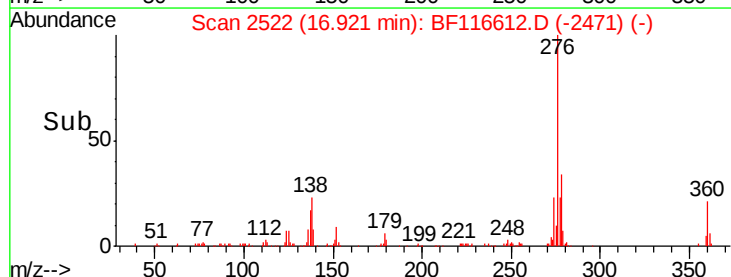
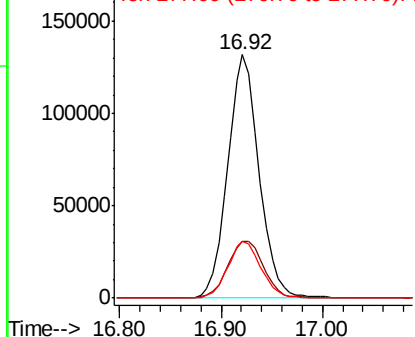


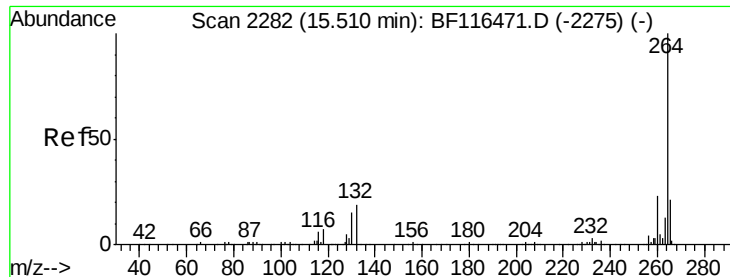
#86
Indeno(1,2,3-cd)pyrene
Concen: 17.182 ng
RT: 16.92 min Scan# 2522
Delta R.T. -0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.8	21.5	32.3
277	24.6	20.0	30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

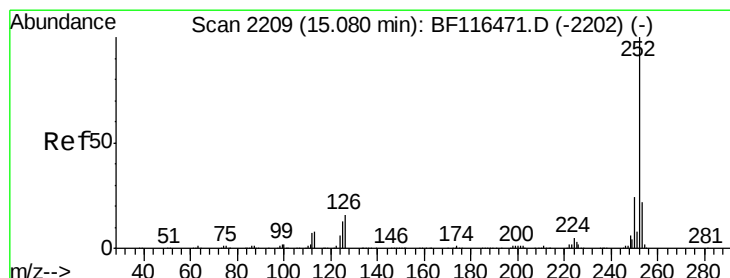
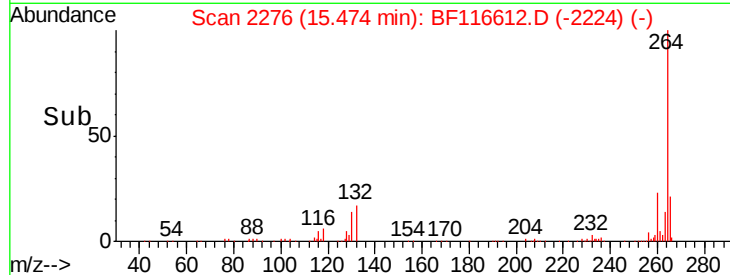
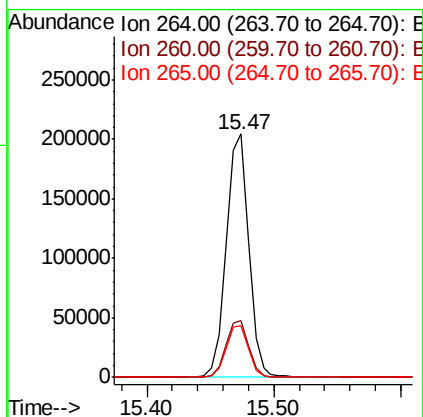
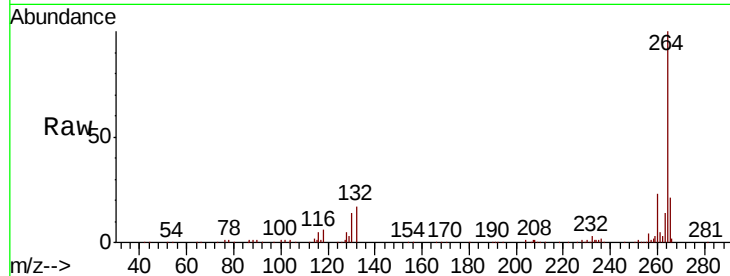




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

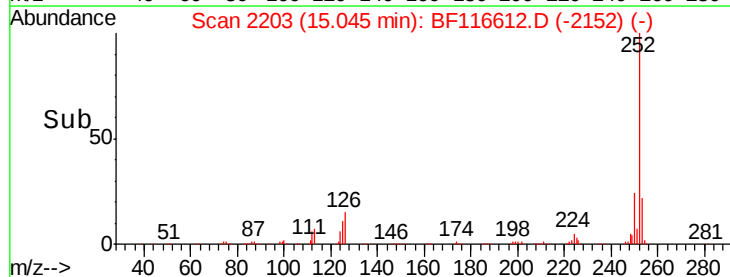
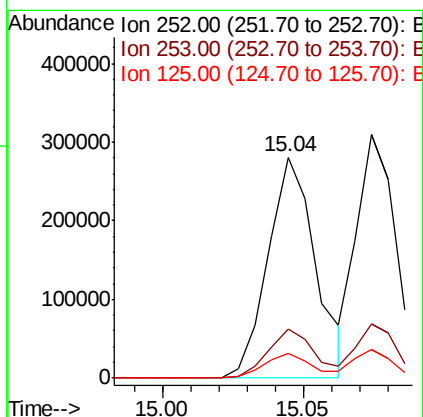
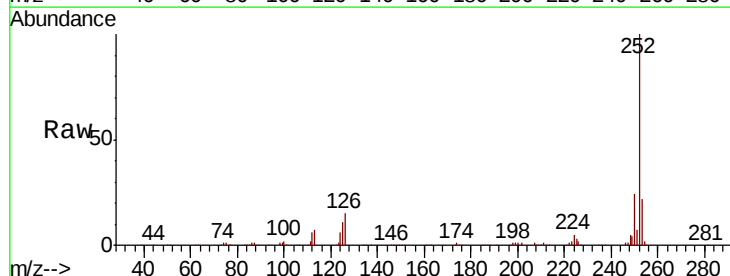
Instrument :
BNA_F
ClientSampleId :

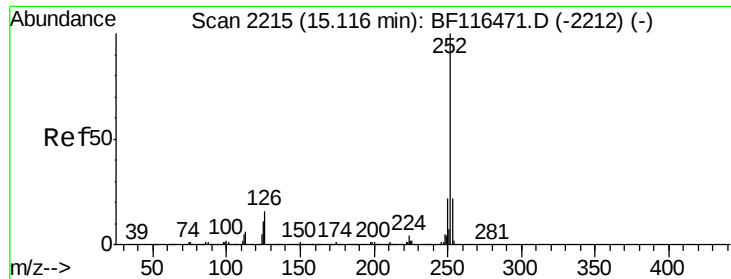
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	20.0	30.0
265	21.3	17.6	26.4



#88
Benzo(b)fluoranthene
Concen: 21.368 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	11.1	9.0	13.6

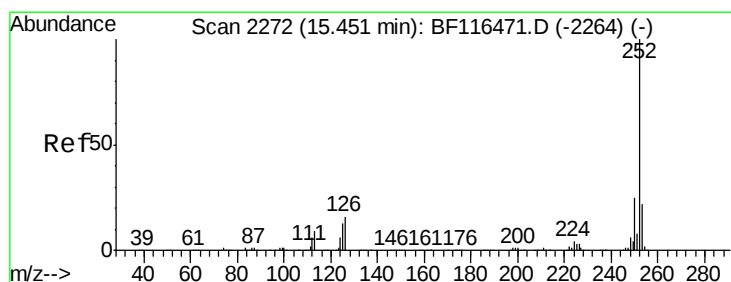
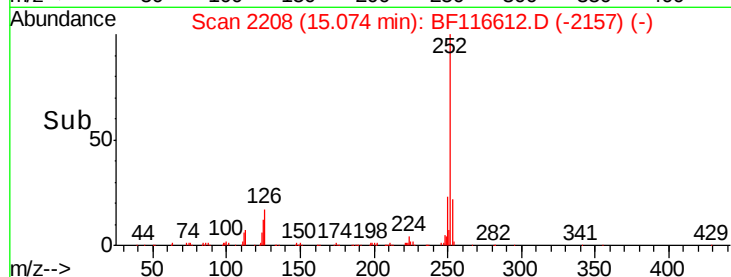
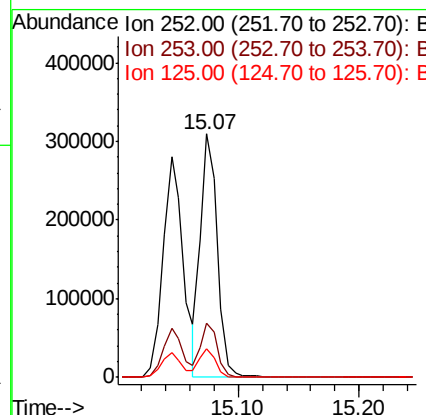
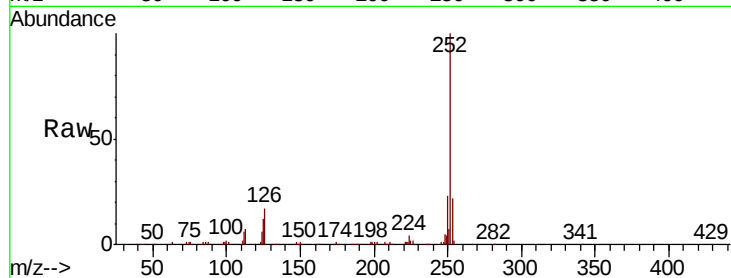




#89
Benzo(k)fluoranthene
Concen: 21.632 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

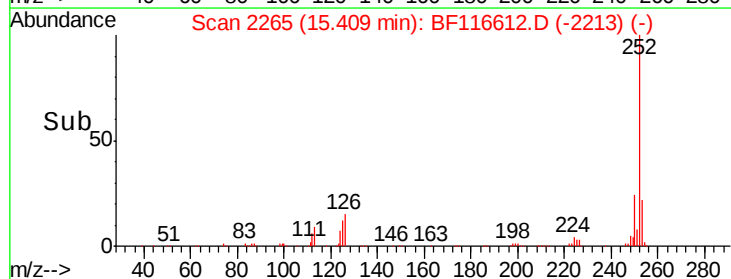
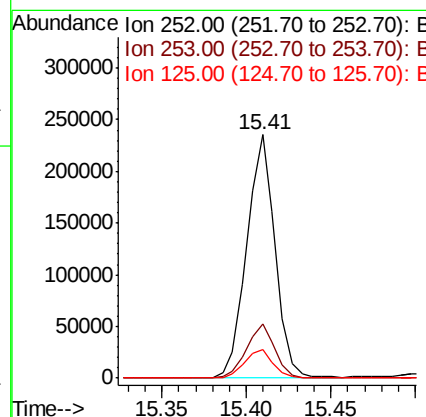
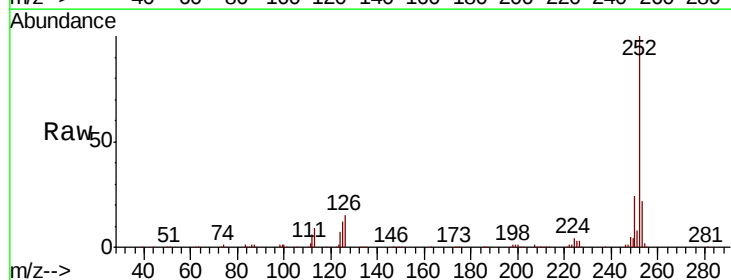
Instrument :
BNA_F
ClientSampleId :

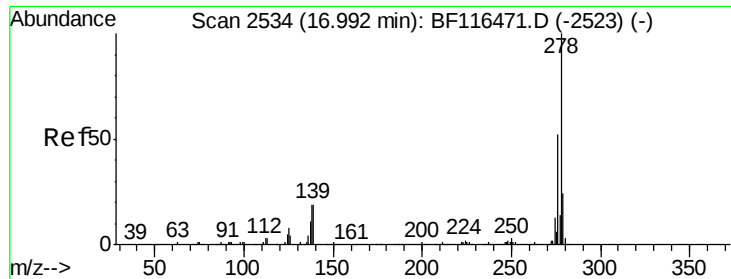
Tot Ion:252 Resp: 302541
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 11.9 8.6 13.0



#90
Benzo(a)pyrene
Concen: 20.186 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF116612.D
Acq: 28 Aug 2019 12:52

Tgt Ion:252 Resp: 275420
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 11.7 10.6 16.0





#91

Dibenzo(a,h)anthracene

Concen: 20.367 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.00 min

Lab File: BF116612.D

Acq: 28 Aug 2019 12:52

Instrument :

BNA_F

ClientSampleId :

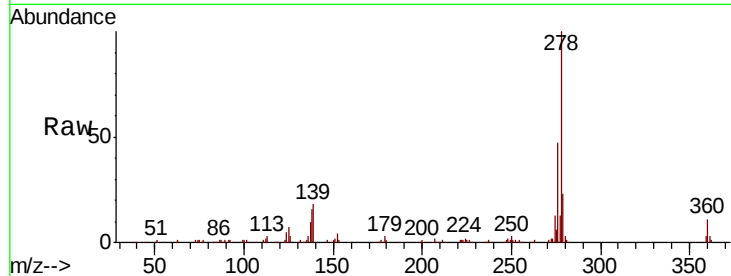
Tot Ion:278 Resp: 228335

Ion Ratio Lower Upper

278 100

139 17.7 14.1 21.1

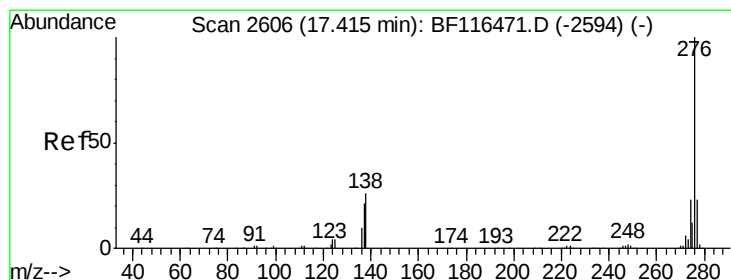
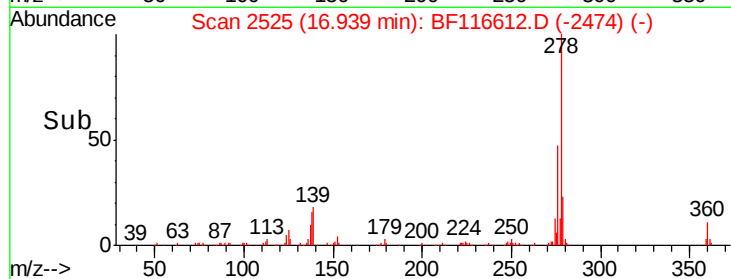
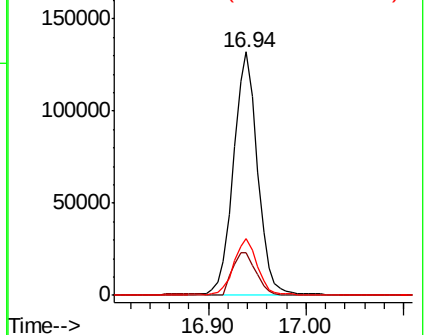
279 23.5 19.5 29.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 20.386 ng

RT: 17.36 min Scan# 2596

Delta R.T. -0.01 min

Lab File: BF116612.D

Acq: 28 Aug 2019 12:52

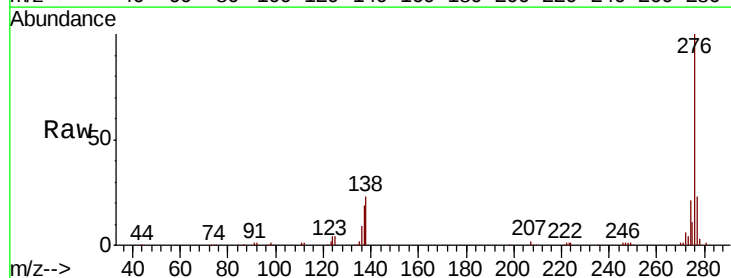
Tgt Ion:276 Resp: 217887

Ion Ratio Lower Upper

276 100

277 22.8 19.0 28.4

138 22.6 18.2 27.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

