

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116618.D
 Acq On : 28 Aug 2019 16:48
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 29 01:02:59 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 13:34:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	115375	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	476601	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	249941	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	518021	20.00	ng	0.00
76) Chrysene-d12	14.01	240	333644	20.00	ng	0.00
87) Perylene-d12	15.46	264	289411	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	585721	87.69	ng	0.00
7) Phenol-d6	6.49	99	733176	80.96	ng	0.00
23) Nitrobenzene-d5	7.43	82	707086	84.89	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	197340	82.97	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1253209	83.44	ng	0.00
79) Terphenyl-d14	12.96	244	1508839	73.55	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.63	88	128137	41.237	ng	98
3) Pyridine	3.39	79	372803	42.580	ng	98
4) n-Nitrosodimethylamine	3.33	42	137771	42.327	ng	99
6) Aniline	6.53	93	503229	41.250	ng	99
8) 2-Chlorophenol	6.65	128	314664	41.802	ng	99
9) Benzaldehyde	6.41	77	226781	42.739	ng	96
10) Phenol	6.50	94	416267	41.905	ng	100
11) bis(2-Chloroethyl)ether	6.60	93	303615	41.126	ng	99
12) 1,3-Dichlorobenzene	6.81	146	356345	39.962	ng	99
13) 1,4-Dichlorobenzene	6.88	146	356581	40.021	ng	98
14) 1,2-Dichlorobenzene	7.04	146	336052	39.910	ng	99
15) Benzyl Alcohol	7.00	79	295008	41.874	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	400663	40.013	ng	99
17) 2-Methylphenol	7.12	107	269540	39.989	ng	98
18) Hexachloroethane	7.38	117	133729	40.649	ng	92
19) n-Nitroso-di-n-propylamine	7.28	70	235131	40.828	ng	98
20) 3+4-Methylphenols	7.26	107	336591	41.106	ng	# 85
22) Acetophenone	7.27	105	462293	41.299	ng	98
24) Nitrobenzene	7.45	77	357964	42.382	ng	98
25) Isophorone	7.69	82	631332	41.637	ng	99
26) 2-Nitrophenol	7.76	139	168272	41.455	ng	91
27) 2,4-Dimethylphenol	7.80	122	253319	39.854	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	397873	40.397	ng	99
29) 2,4-Dichlorophenol	8.00	162	267060	40.201	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	307112	40.243	ng	98
31) Naphthalene	8.17	128	941018	41.218	ng	100
32) Benzoic acid	7.91	122	233323	42.955	ng	98
33) 4-Chloroaniline	8.21	127	413524	41.097	ng	97
34) Hexachlorobutadiene	8.29	225	169726	39.918	ng	98
35) Caprolactam	8.58	113	88486	44.609	ng	91
36) 4-Chloro-3-methylphenol	8.69	107	287263	42.928	ng	96
37) 2-Methylnaphthalene	8.86	142	616056	43.209	ng	96
38) 1-Methylnaphthalene	8.96	142	589330	42.324	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	284580	41.500	ng	99

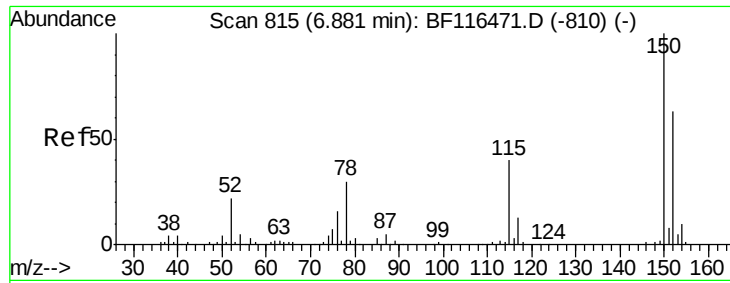
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116618.D
 Acq On : 28 Aug 2019 16:48
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 29 01:02:59 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 13:34:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	155058	39.048	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	196933	40.891	ng	96
44) 2,4,5-Trichlorophenol	9.17	196	199395	41.165	ng	94
46) 1,1'-Biphenyl	9.32	154	797218	42.018	ng	99
47) 2-Chloronaphthalene	9.35	162	621538	42.022	ng	97
48) 2-Nitroaniline	9.43	65	199478	42.643	ng	89
49) Acenaphthylene	9.76	152	898935	41.379	ng	100
50) Dimethylphthalate	9.62	163	696335	41.441	ng	100
51) 2,6-Dinitrotoluene	9.67	165	154457	41.685	ng #	87
52) Acenaphthene	9.93	154	598544	40.690	ng	97
53) 3-Nitroaniline	9.85	138	182938	41.348	ng	99
54) 2,4-Dinitrophenol	9.95	184	76155	41.479	ng #	53
55) Dibenzofuran	10.10	168	818139	41.302	ng	99
56) 4-Nitrophenol	9.99	139	140619	41.809	ng	90
57) 2,4-Dinitrotoluene	10.08	165	205755	42.084	ng	93
58) Fluorene	10.45	166	625565	41.612	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	168841	42.346	ng	98
60) Diethylphthalate	10.32	149	688675	41.988	ng	98
61) 4-Chlorophenyl-phenylether	10.44	204	315547	41.869	ng	100
62) 4-Nitroaniline	10.46	138	186184	43.252	ng	98
63) Azobenzene	10.60	77	682953	41.248	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	97865	35.414	ng	97
66) n-Nitrosodiphenylamine	10.56	169	571505	34.852	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	220968	40.215	ng	95
68) Hexachlorobenzene	11.00	284	247471	40.453	ng	98
69) Atrazine	11.08	200	199438	41.075	ng	99
70) Pentachlorophenol	11.19	266	155173	41.283	ng	99
71) Phenanthrene	11.40	178	1107421	39.801	ng	99
72) Anthracene	11.46	178	1120096	40.261	ng	100
73) Carbazole	11.60	167	1010973	42.696	ng	99
74) Di-n-butylphthalate	11.94	149	1223089	44.573	ng	99
75) Fluoranthene	12.59	202	1133316	45.416	ng	99
77) Benzidine	12.70	184	489633	40.567	ng	99
78) Pyrene	12.82	202	1150180	37.490	ng	99
80) Butylbenzylphthalate	13.43	149	482059	40.554	ng	99
81) Benzo(a)anthracene	14.00	228	859802	38.653	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	315542	43.592	ng	99
83) Chrysene	14.04	228	868011	39.860	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	578441	41.497	ng	98
85) Di-n-octyl phthalate	14.60	149	905707	44.546	ng	99
86) Indeno(1,2,3-cd)pyrene	16.92	276	658078	36.675	ng	99
88) Benzo(b)fluoranthene	15.04	252	742142	41.757	ng	99
89) Benzo(k)fluoranthene	15.07	252	654860	38.763	ng	97
90) Benzo(a)pyrene	15.40	252	633386	39.931	ng	99
91) Dibenzo(a,h)anthracene	16.93	278	536419	36.243	ng	100
92) Benzo(g,h,i)perylene	17.35	276	529114	34.381	ng	97

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

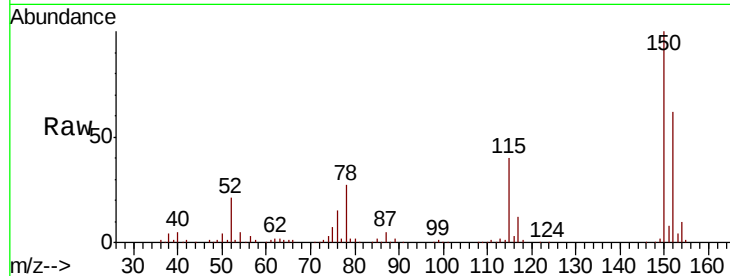


#1

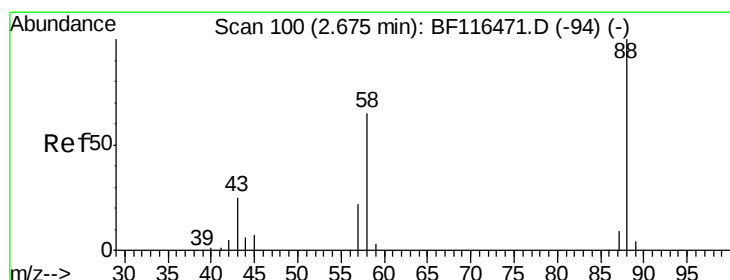
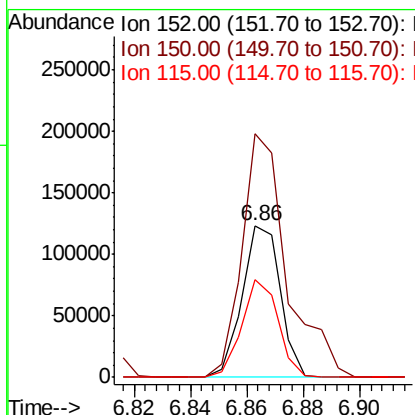
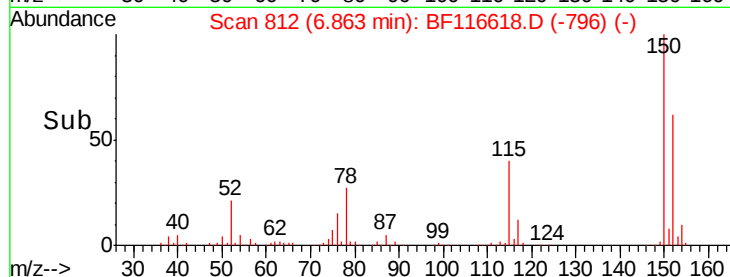
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF116618.D
 Acq: 28 Aug 2019 16:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 115375
 Ion Ratio Lower Upper
 152 100
 150 160.6 123.4 185.2
 115 64.3 48.2 72.2



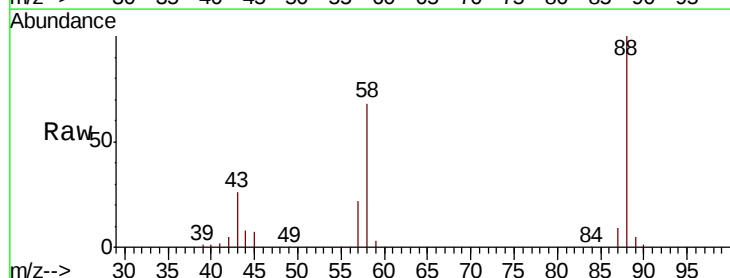
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



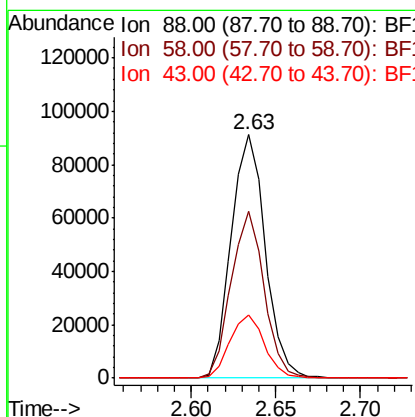
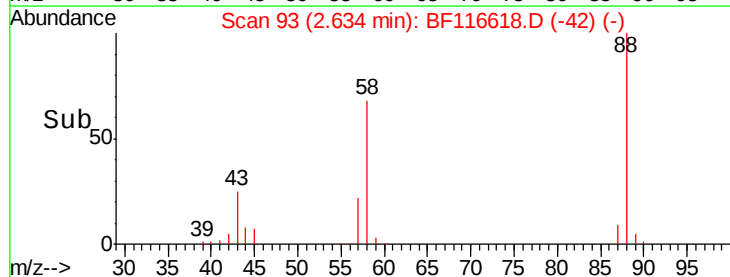
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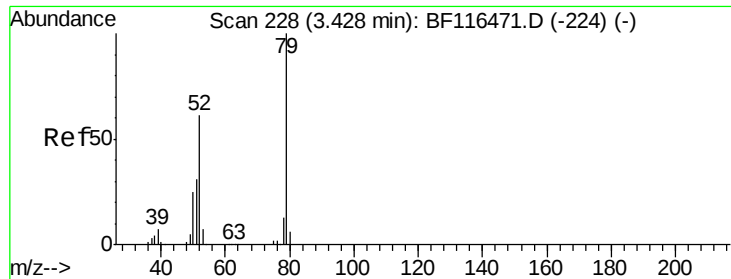
1,4-Dioxane
 Concen: 41.237 ng
 RT: 2.63 min Scan# 93
 Delta R.T. -0.00 min
 Lab File: BF116618.D
 Acq: 28 Aug 2019 16:48

Tgt Ion: 88 Resp: 128137
 Ion Ratio Lower Upper
 88 100
 58 66.2 51.8 77.8
 43 26.3 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: 42.580 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.00 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

Instrument :

BNA_F

ClientSampleId :

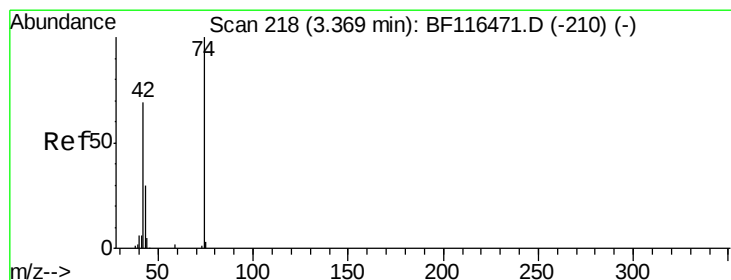
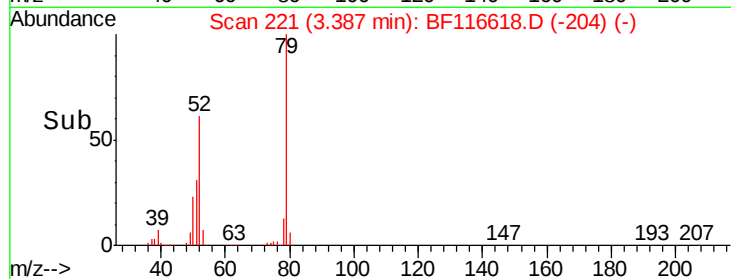
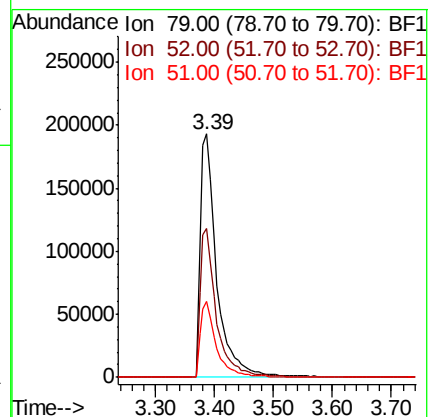
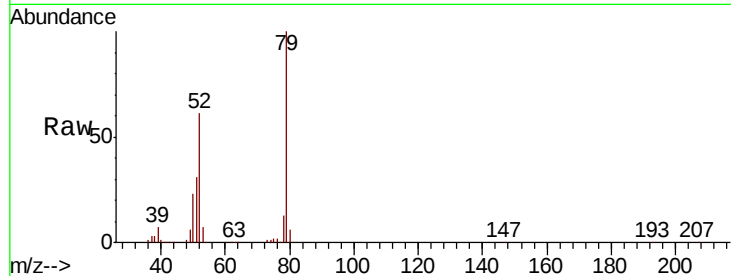
Tot Ion: 79 Resp: 372803

Ion Ratio Lower Upper

79 100

52 61.1 47.9 71.9

51 31.2 24.4 36.6



#4

n-Nitrosodimethylamine

Concen: 42.327 ng

RT: 3.33 min Scan# 211

Delta R.T. 0.00 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

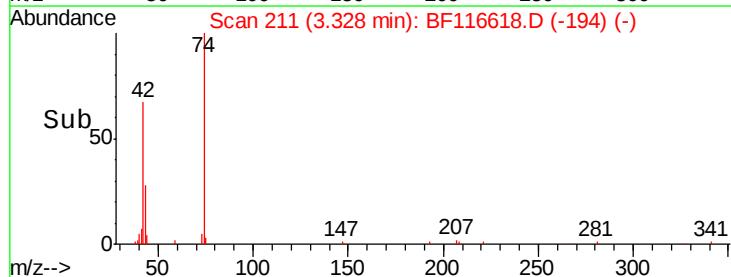
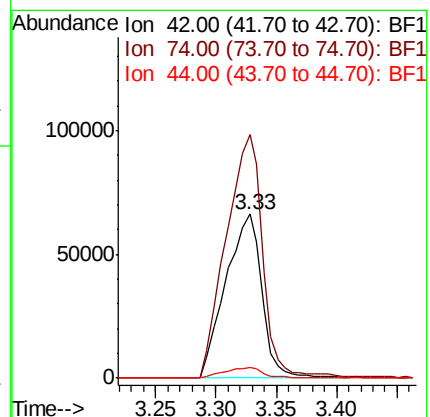
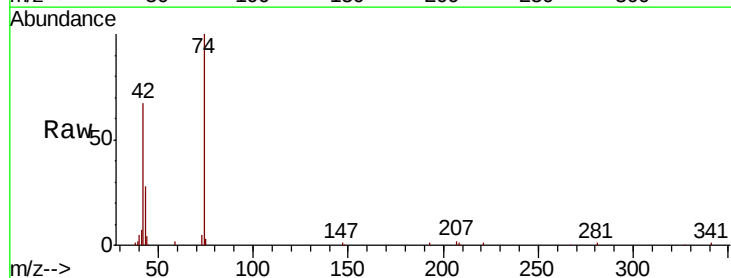
Tgt Ion: 42 Resp: 137771

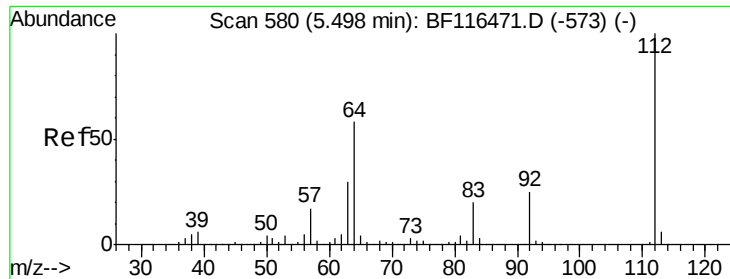
Ion Ratio Lower Upper

42 100

74 148.4 120.0 180.0

44 6.5 5.4 8.2





#5

2-Fluorophenol

Concen: 87.686 ng

RT: 5.48 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

Instrument :

BNA_F

ClientSampleId :

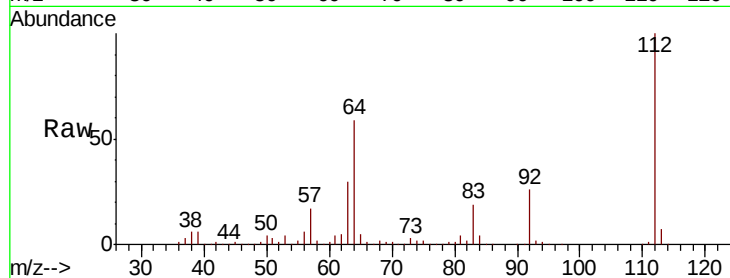
Tot Ion: 112 Resp: 585721

Ion Ratio Lower Upper

112 100

64 58.6 48.0 72.0

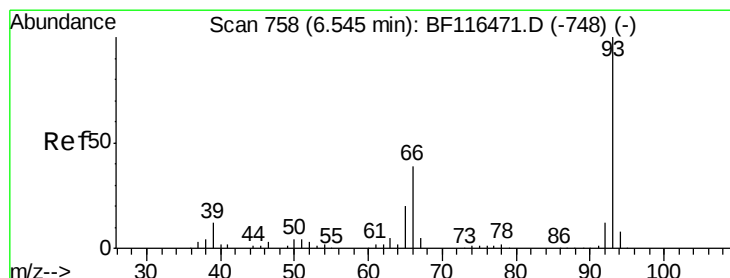
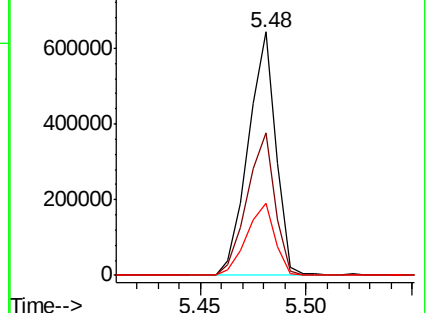
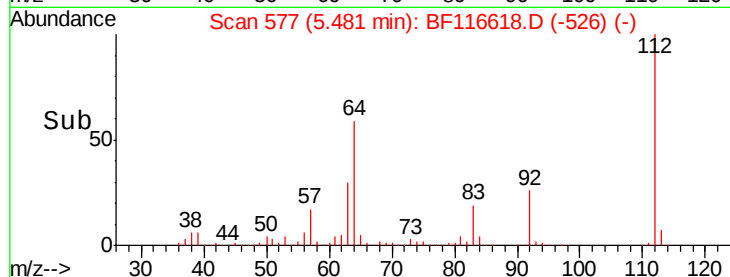
63 29.7 24.6 36.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.250 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

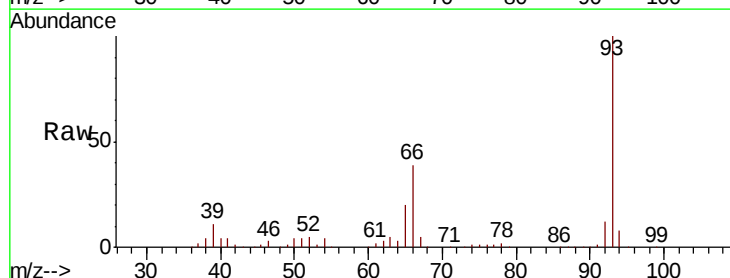
Tgt Ion: 93 Resp: 503229

Ion Ratio Lower Upper

93 100

66 39.0 32.1 48.1

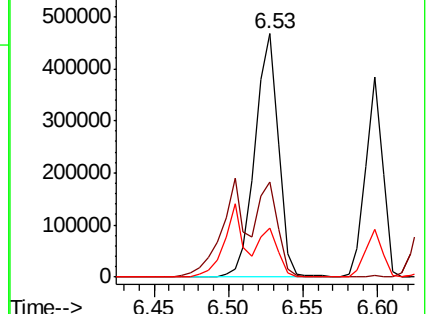
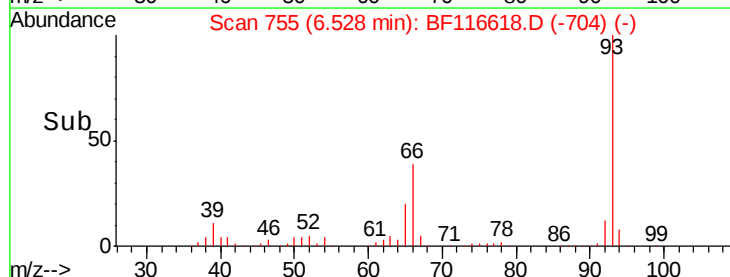
65 19.9 16.2 24.4

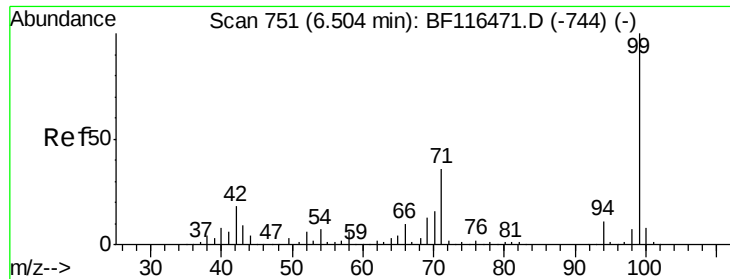


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.960 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

Instrument :

BNA_F

ClientSampleId :

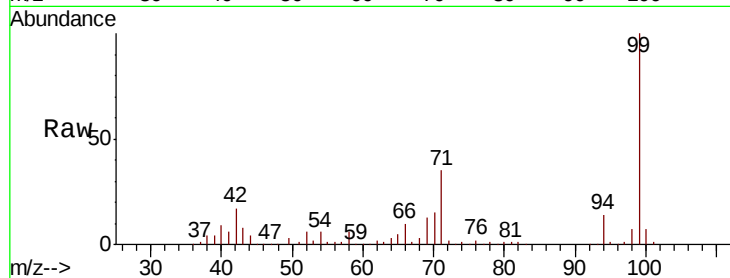
Tot Ion: 99 Resp: 733176

Ion Ratio Lower Upper

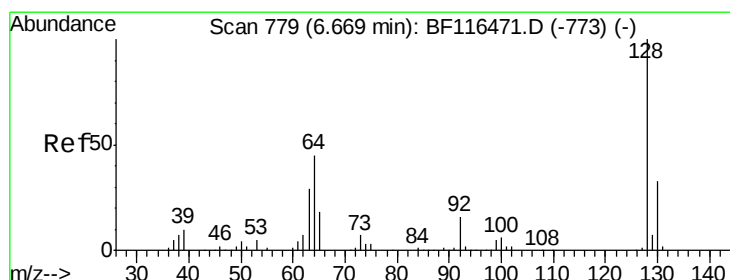
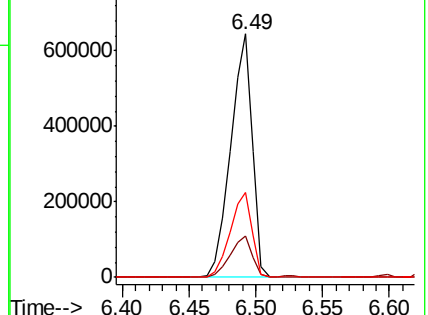
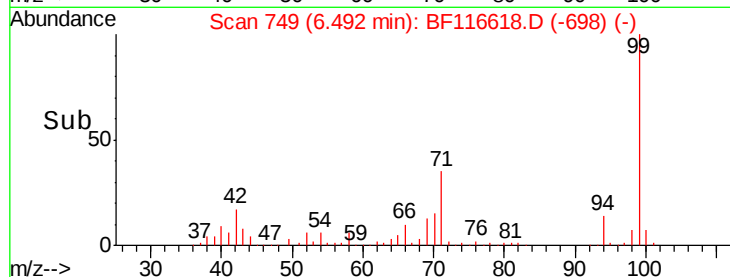
99 100

42 16.9 13.2 19.8

71 35.1 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: 41.802 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

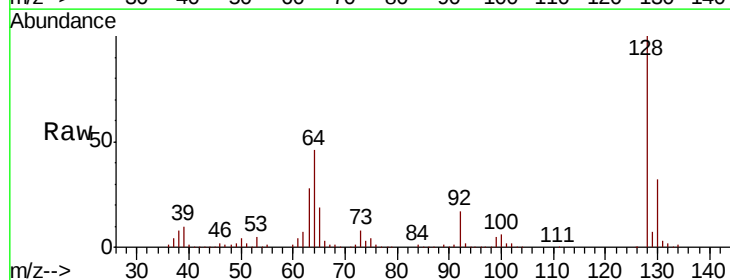
Tgt Ion: 128 Resp: 314664

Ion Ratio Lower Upper

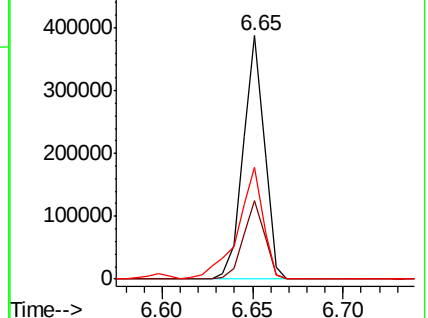
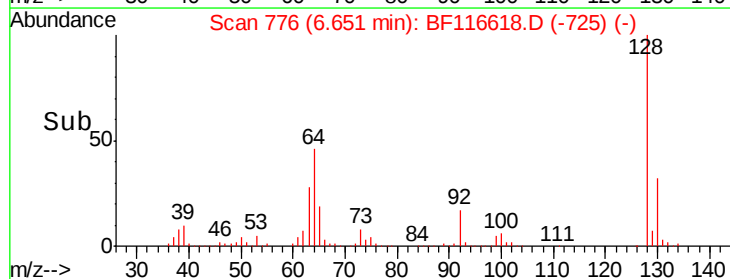
128 100

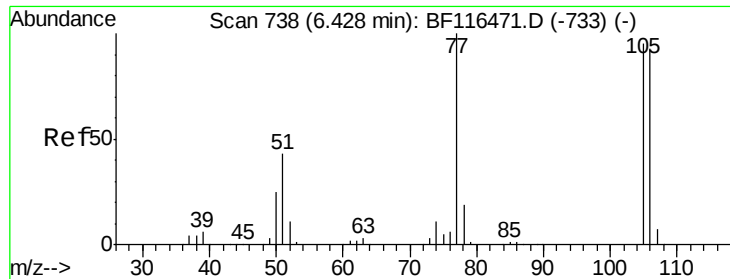
130 32.4 11.8 51.8

64 46.0 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: 42.739 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

Instrument :

BNA_F

ClientSampleId :

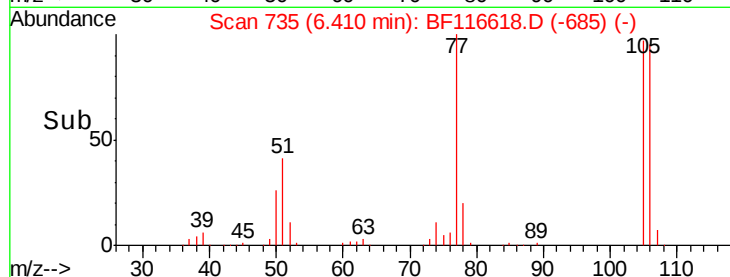
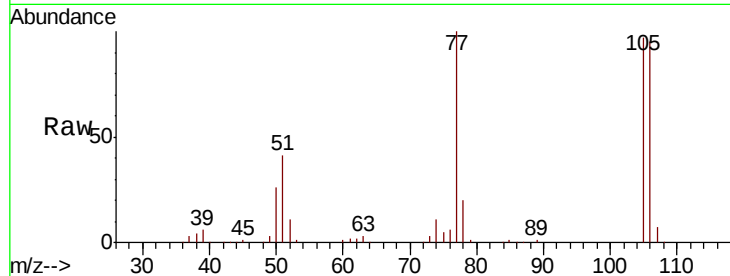
Tot Ion: 77 Resp: 226781

Ion Ratio Lower Upper

77 100

105 96.6 81.6 121.6

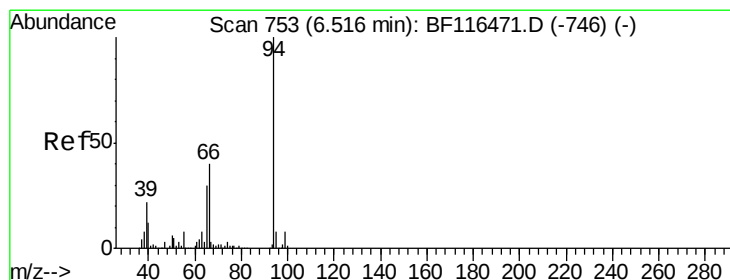
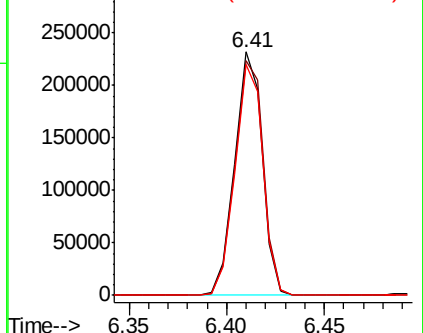
106 94.6 77.1 117.1



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: 41.905 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

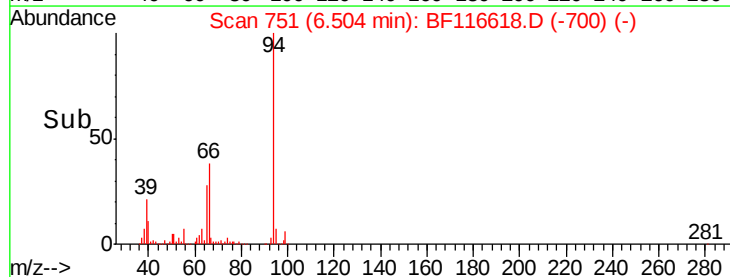
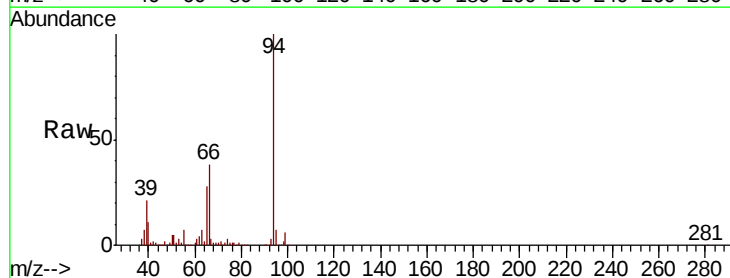
Tgt Ion: 94 Resp: 416267

Ion Ratio Lower Upper

94 100

65 28.4 8.6 48.6

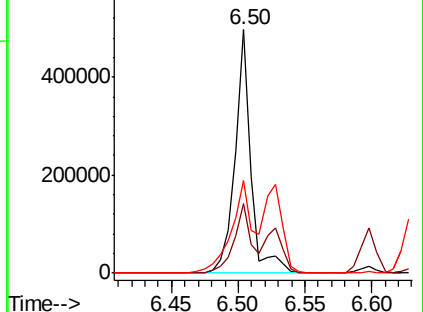
66 38.0 18.0 58.0

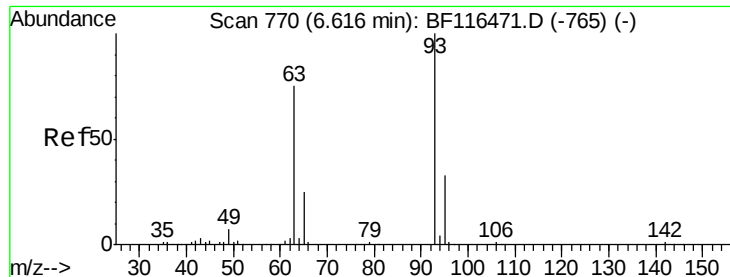


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



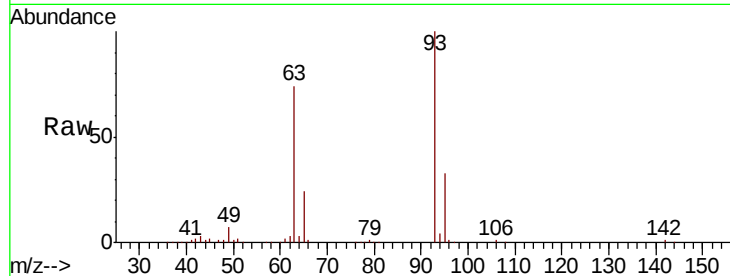


#11
bis(2-Chloroethyl)ether
Concen: 41.126 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF116618.D
Acq: 28 Aug 2019 16:48

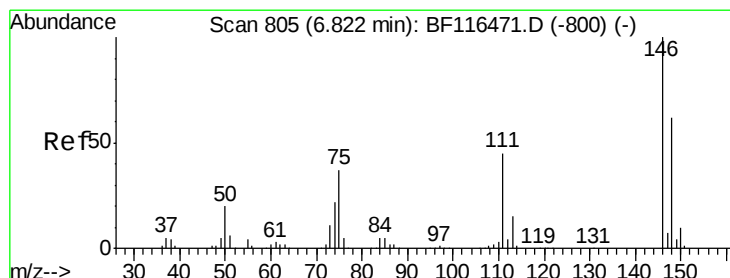
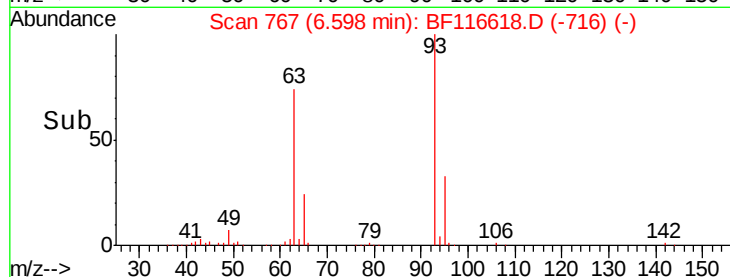
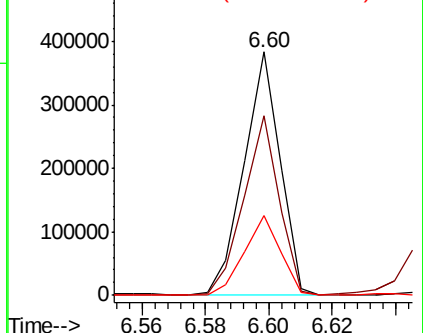
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 303615

Ion	Ratio	Lower	Upper
93	100		
63	74.0	54.7	94.7
95	33.0	12.7	52.7



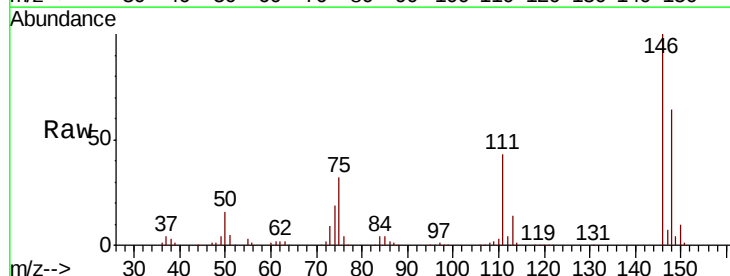
Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



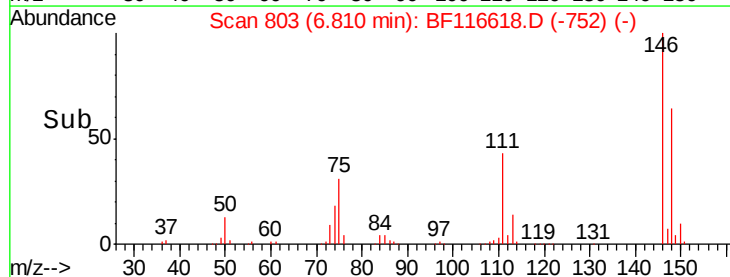
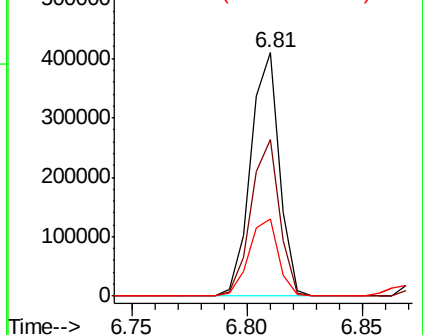
#12
1,3-Dichlorobenzene
Concen: 39.962 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF116618.D
Acq: 28 Aug 2019 16:48

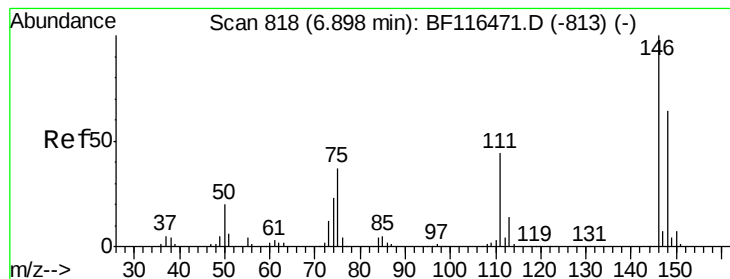
Tgt Ion: 146 Resp: 356345

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.0	76.6
75	31.6	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: 40.021 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

Instrument :

BNA_F

ClientSampled :

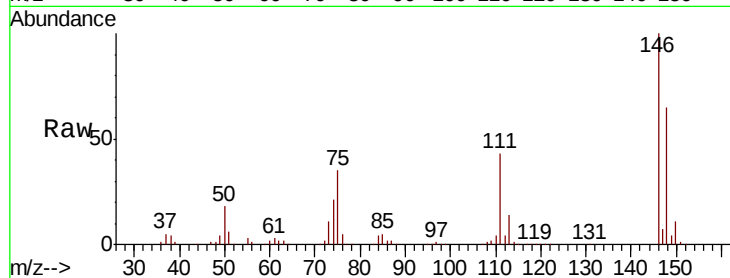
Tot Ion:146 Resp: 356581

Ion Ratio Lower Upper

146 100

148 64.7 51.0 76.6

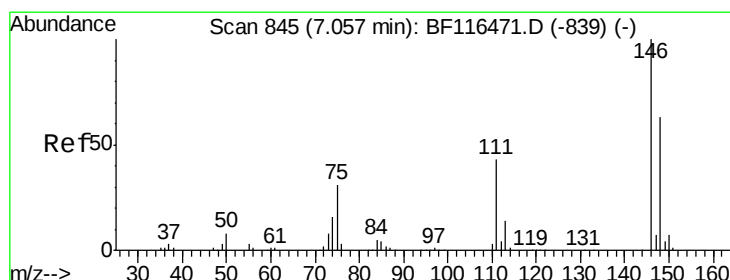
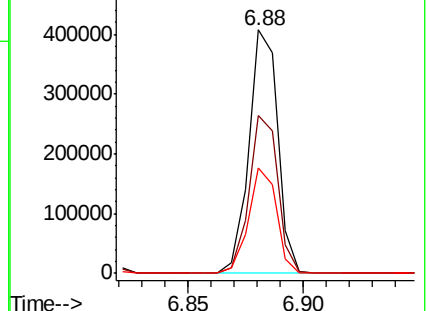
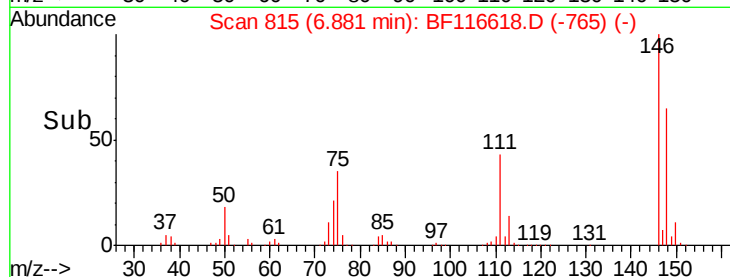
111 43.2 33.1 49.7



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: 39.910 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

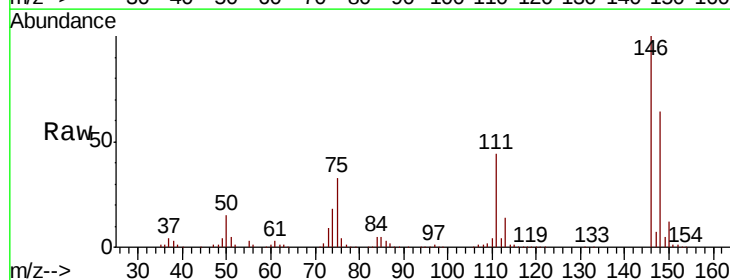
Tgt Ion:146 Resp: 336052

Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.6

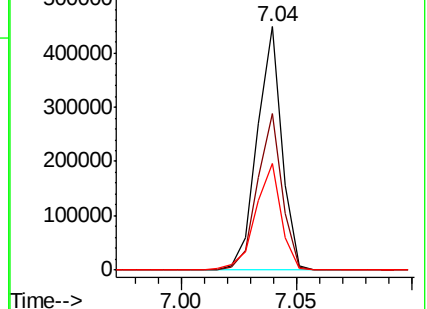
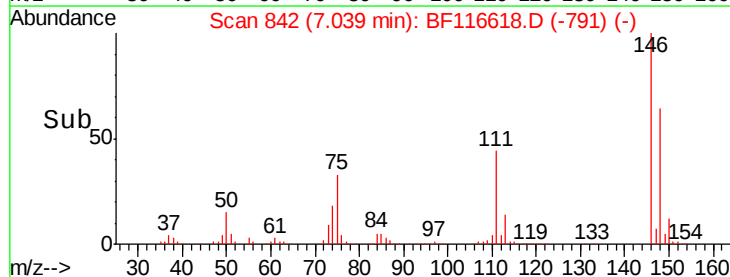
111 44.0 34.9 52.3

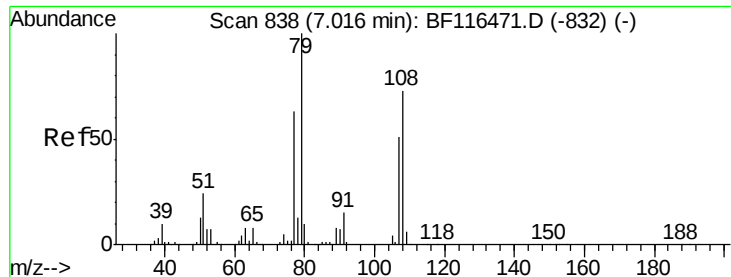


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.874 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

Instrument :

BNA_F

ClientSampleId :

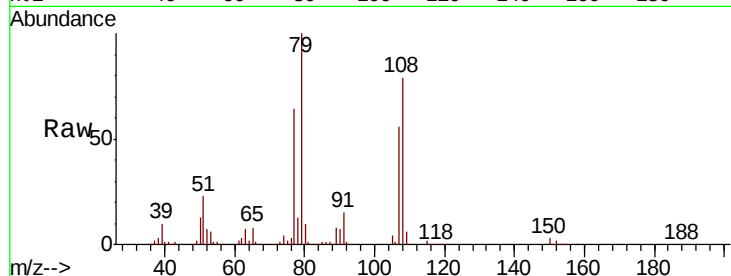
Tot Ion: 79 Resp: 295008

Ion Ratio Lower Upper

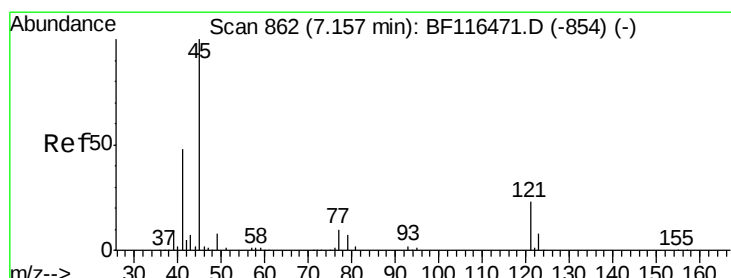
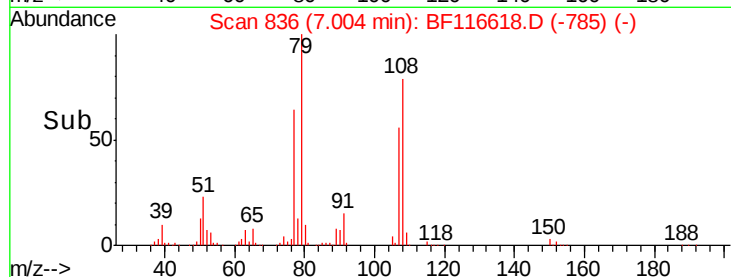
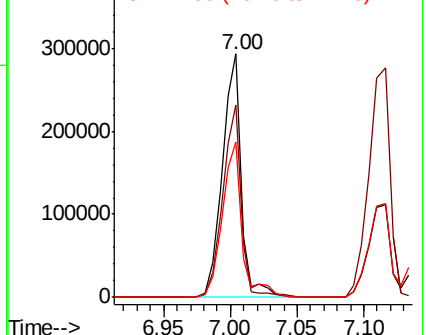
79 100

108 79.0 62.2 93.4

77 63.5 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: 40.013 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

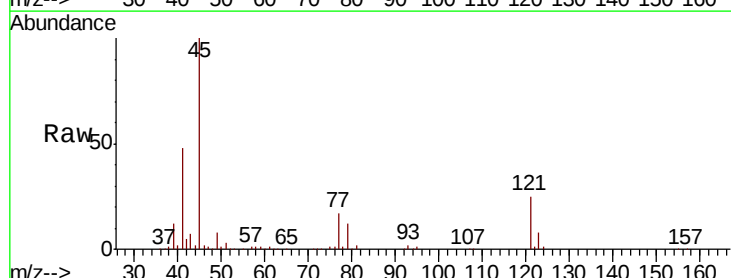
Tgt Ion: 45 Resp: 400663

Ion Ratio Lower Upper

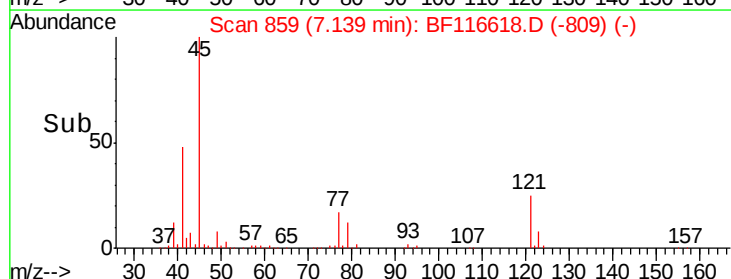
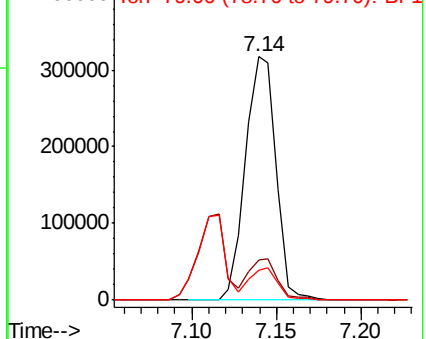
45 100

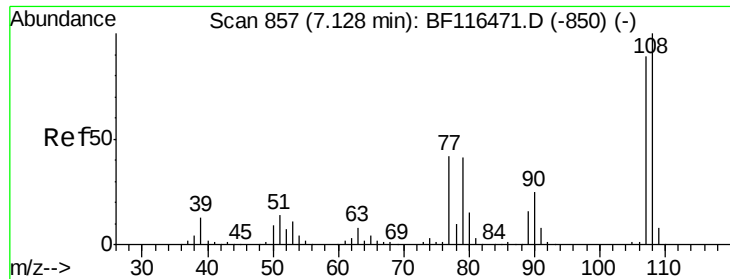
77 16.7 0.0 36.4

79 12.4 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

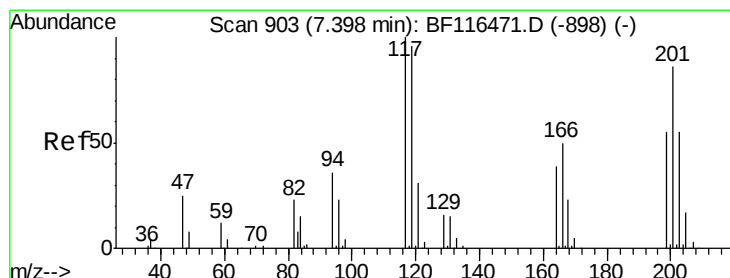
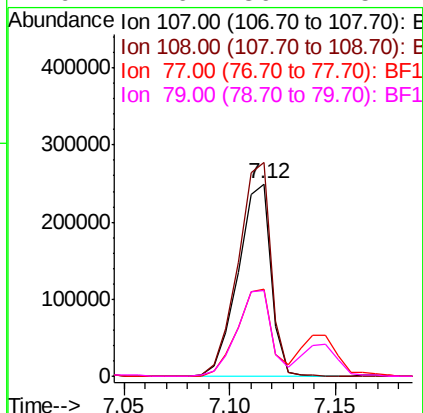
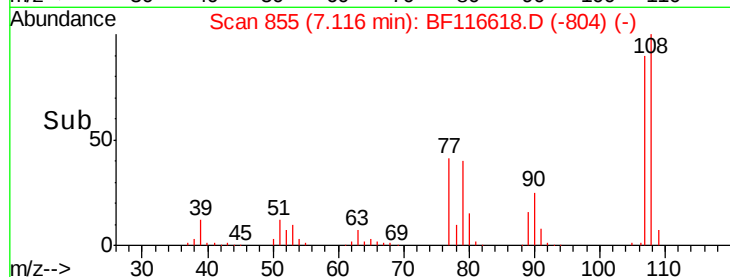
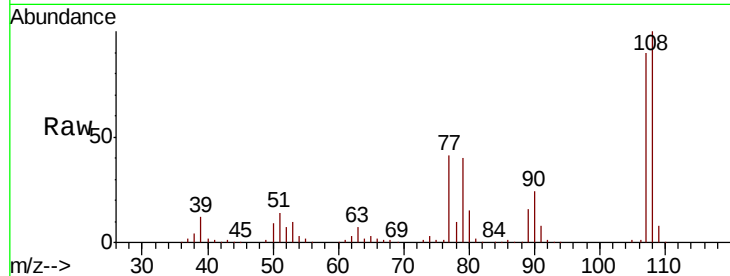




#17
2-Methylphenol
Concen: 39.989 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF116618.D
Acq: 28 Aug 2019 16:48

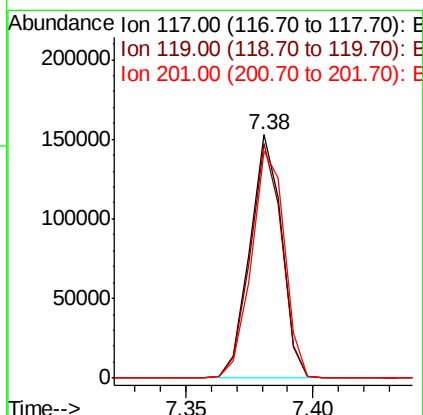
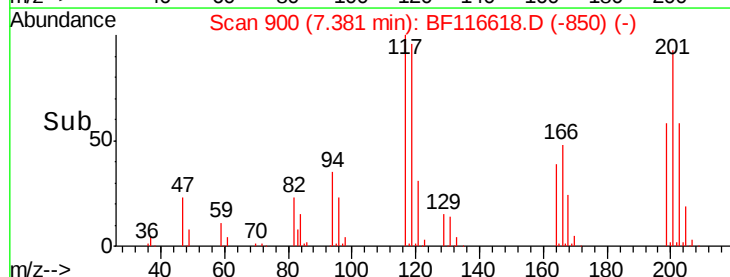
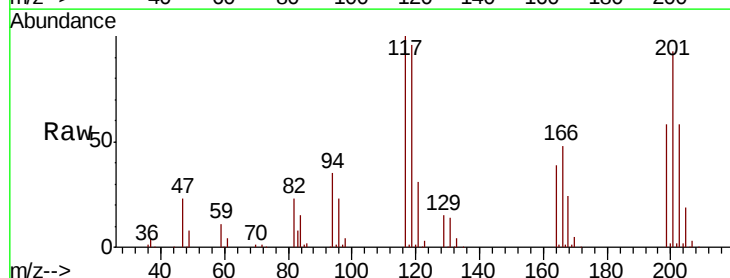
Instrument :
BNA_F
ClientSampleId :

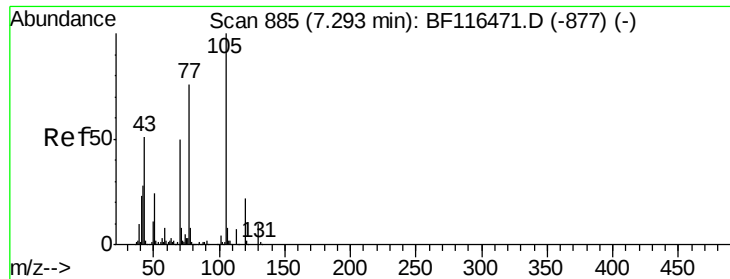
Tot Ion:	107	Resp:	269540
Ion	Ratio	Lower	Upper
107	100		
108	111.1	90.9	136.3
77	45.0	36.8	55.2
79	44.6	36.2	54.4



#18
Hexachloroethane
Concen: 40.649 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF116618.D
Acq: 28 Aug 2019 16:48

Tgt Ion:	117	Resp:	133729
Ion	Ratio	Lower	Upper
117	100		
119	96.4	78.6	118.0
201	93.3	86.2	129.2

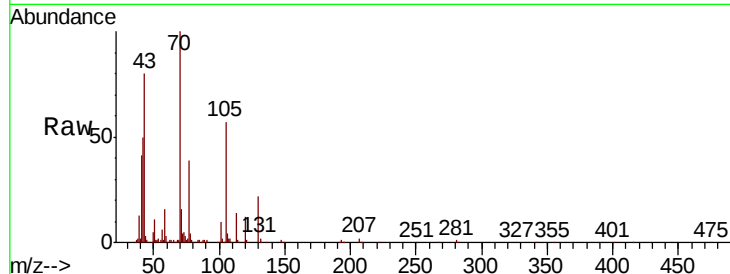




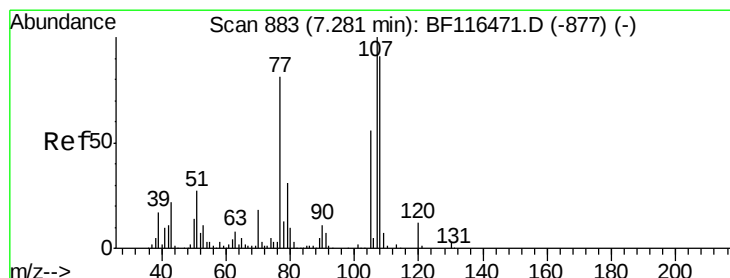
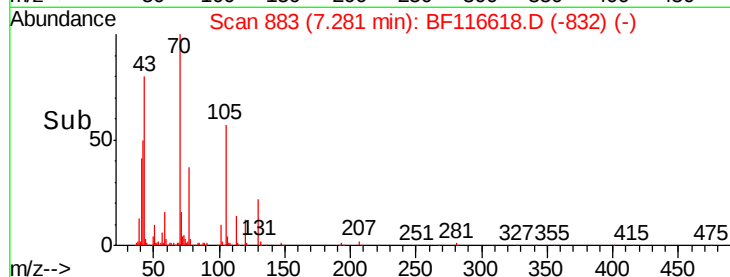
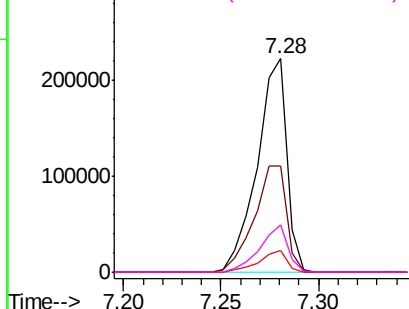
#19
n-Nitroso-di-n-propylamine
Concen: 40.828 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF116618.D
Acq: 28 Aug 2019 16:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	235131
Ion	Ratio	Lower	Upper
70	100		
42	49.6	41.2	61.8
101	10.1	7.7	11.5
130	22.2	17.9	26.9

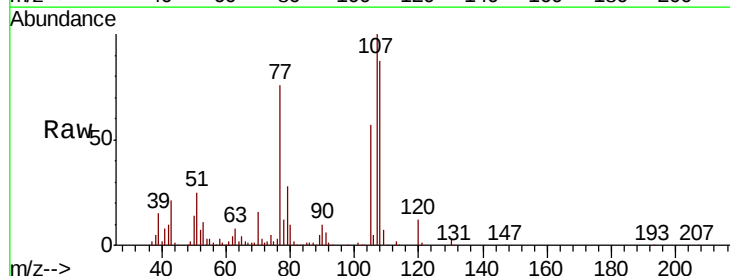


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

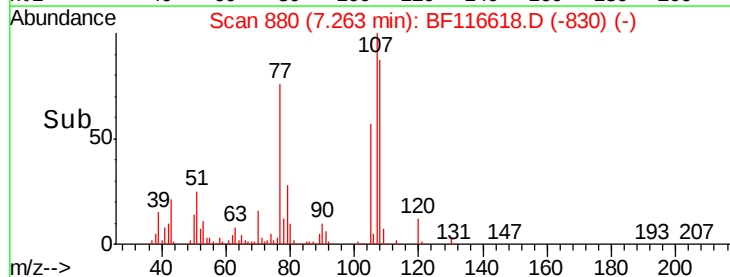
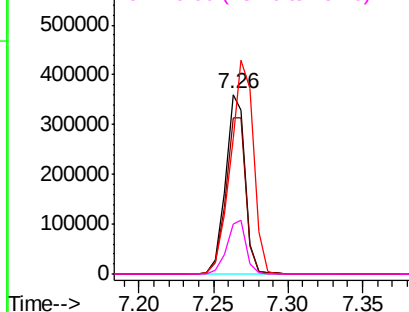


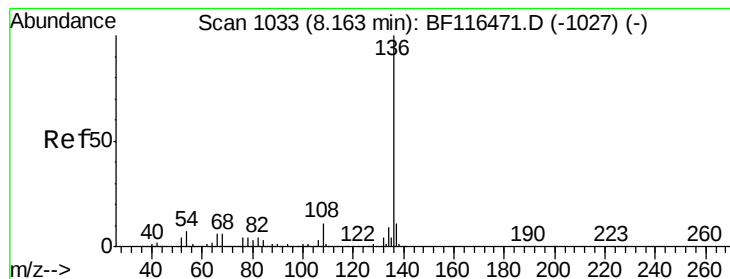
#20
3+4-Methylphenols
Concen: 41.106 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF116618.D
Acq: 28 Aug 2019 16:48

Tgt Ion:	107	Resp:	336591
Ion	Ratio	Lower	Upper
107	100		
108	87.1	72.6	112.6
77	75.9	82.4	122.4#
79	27.8	10.6	50.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 476601

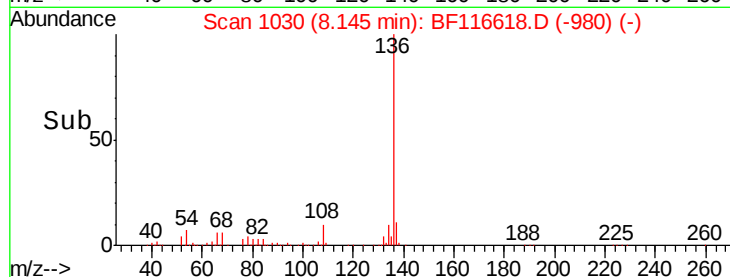
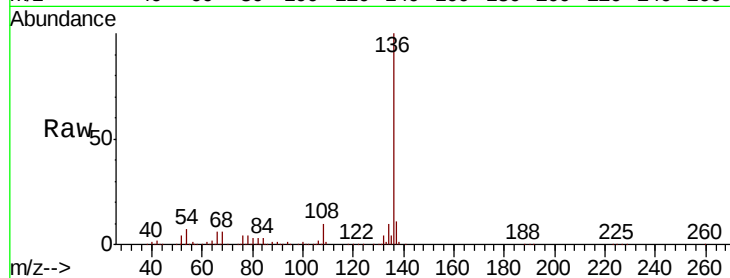
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.9 5.0 7.4

68 6.0 4.5 6.7

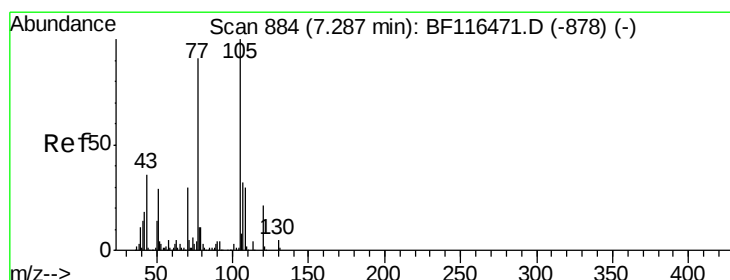
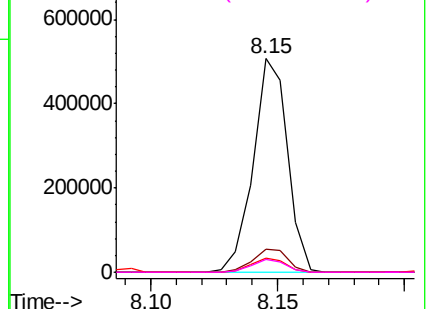


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.299 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

Tgt Ion:105 Resp: 462293

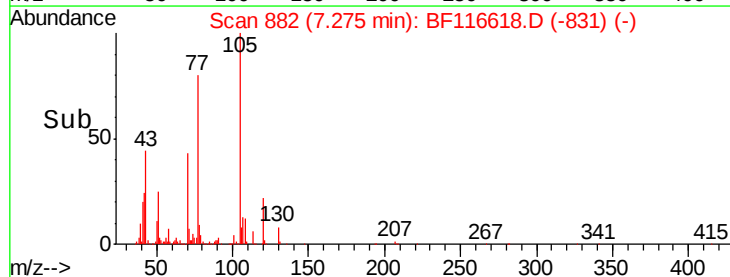
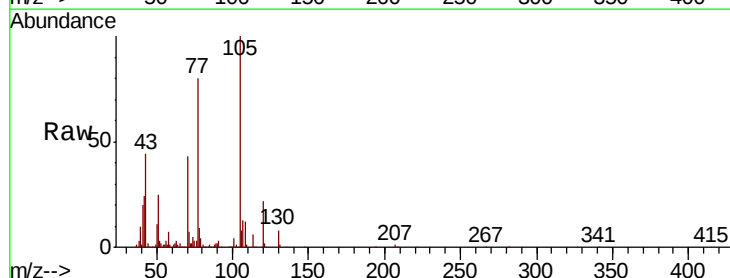
Ion Ratio Lower Upper

105 100

71 7.3 5.0 7.6

51 24.6 20.7 31.1

120 22.2 17.9 26.9

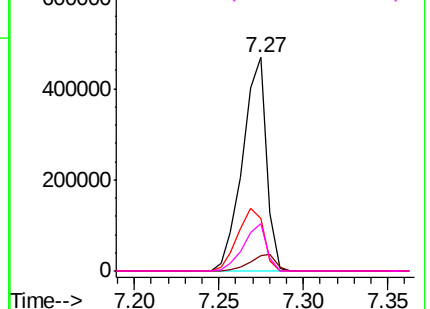


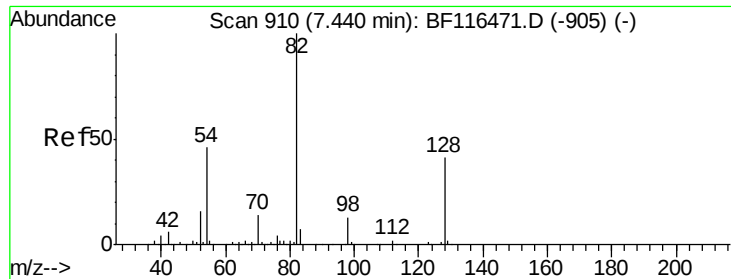
Abundance Ion 105.00 (104.70 to 105.70): E

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

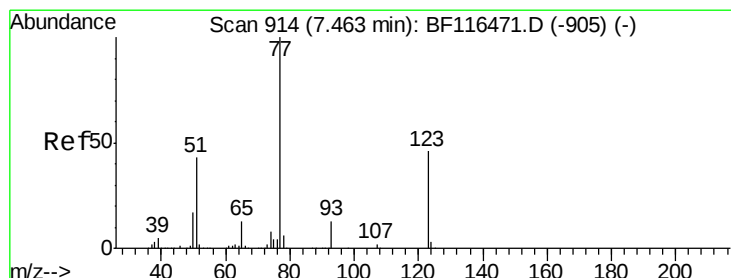
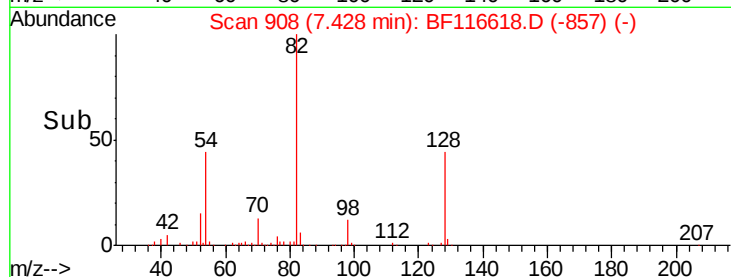
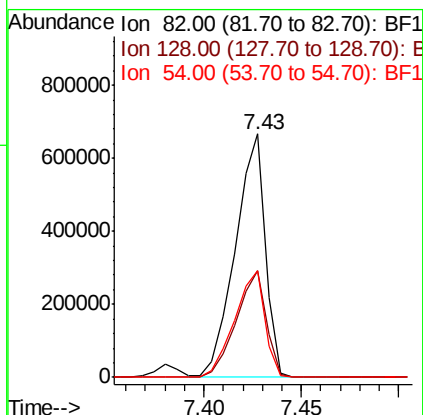
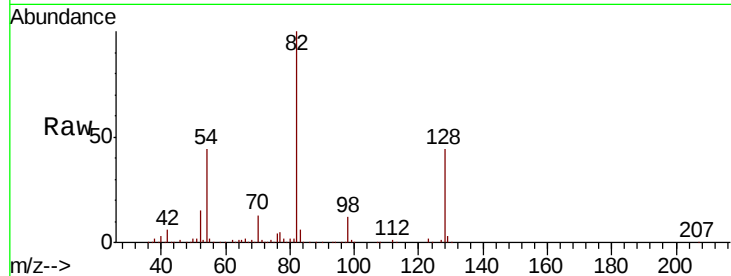




#23
Nitrobenzene-d5
Concen: 84.892 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.00 min
Lab File: BF116618.D
Acq: 28 Aug 2019 16:48

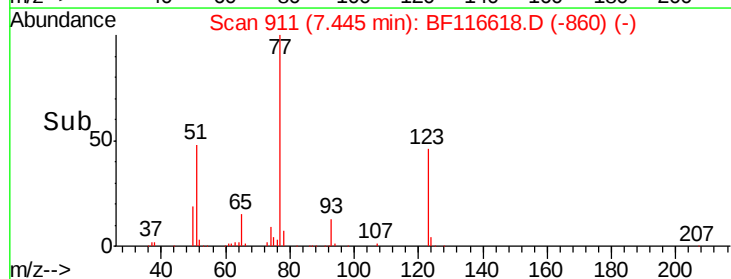
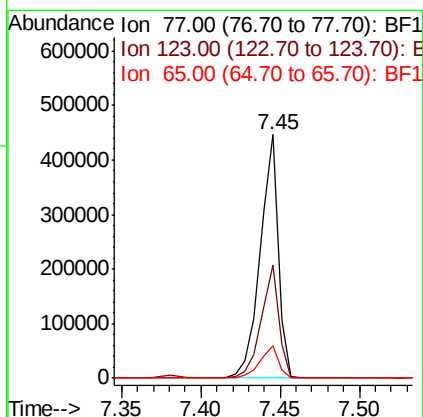
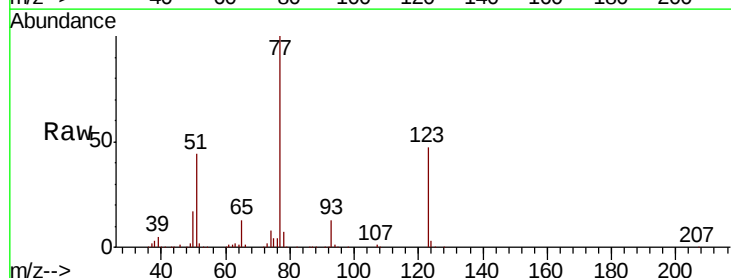
Instrument :
BNA_F
ClientSampled :

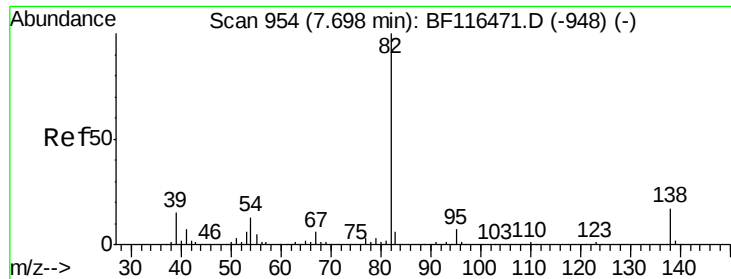
Tot Ion	82	Resp	707086
Ion Ratio	100		
Lower		35.0	
Upper		52.6	
128	44.0		
54	43.6		



#24
Nitrobenzene
Concen: 42.382 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF116618.D
Acq: 28 Aug 2019 16:48

Tgt Ion	77	Resp	357964
Ion Ratio	100		
Lower		38.2	
Upper		57.4	
123	46.5		
65	13.1		





#25

Isophorone

Concen: 41.637 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

Instrument :

BNA_F

ClientSampleId :

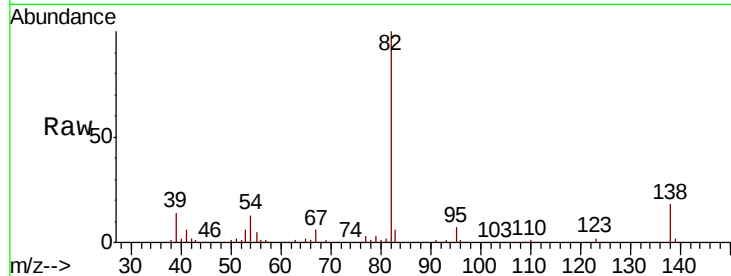
Tot Ion: 82 Resp: 631332

Ion Ratio Lower Upper

82 100

95 7.2 5.6 8.4

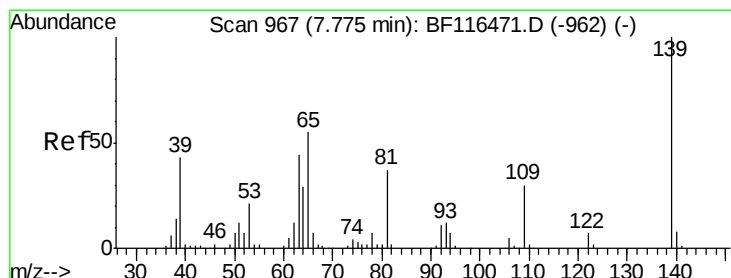
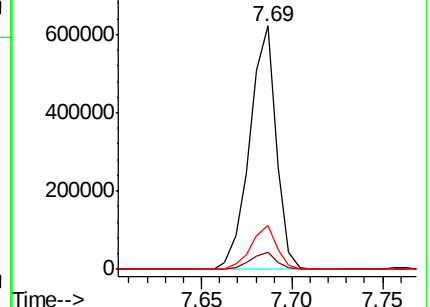
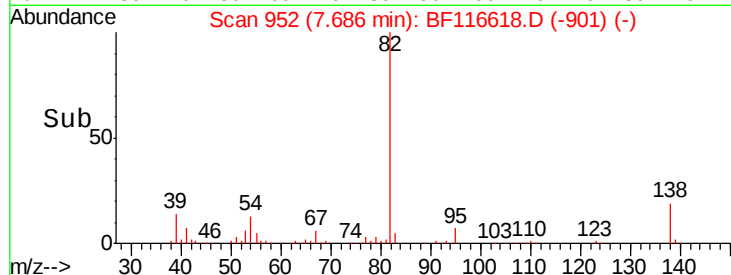
138 18.2 14.4 21.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.455 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

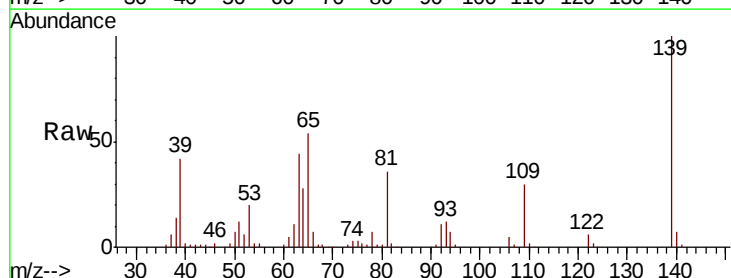
Tgt Ion: 139 Resp: 168272

Ion Ratio Lower Upper

139 100

109 30.5 22.4 33.6

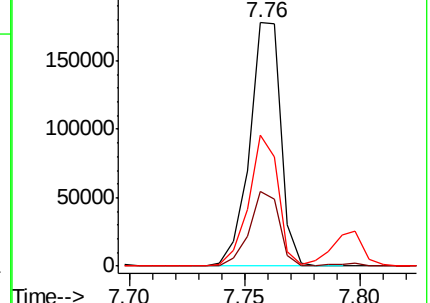
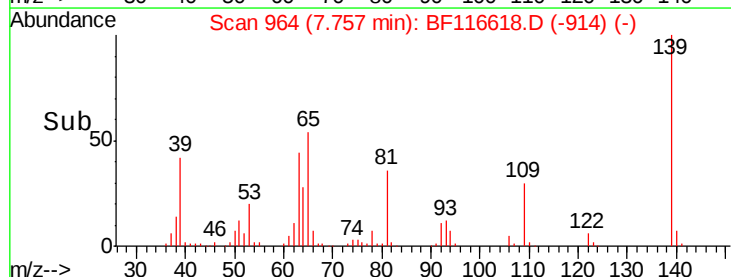
65 54.1 36.9 55.3

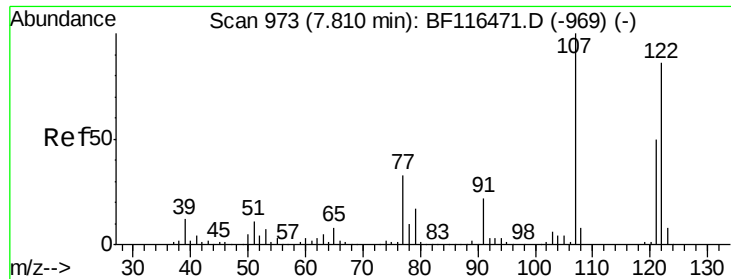


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

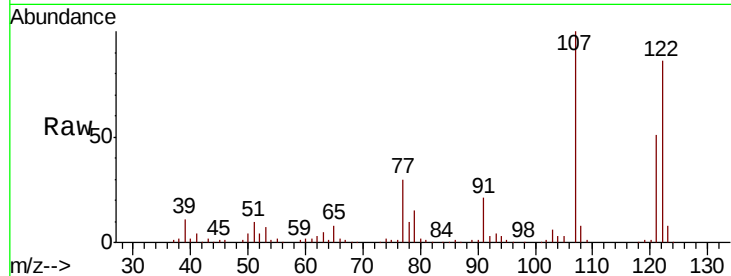




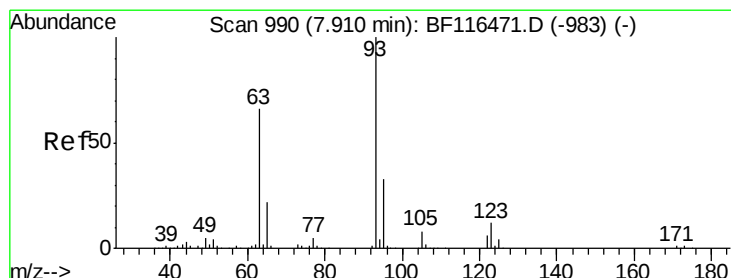
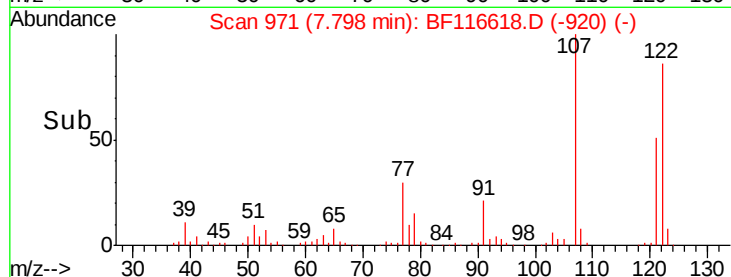
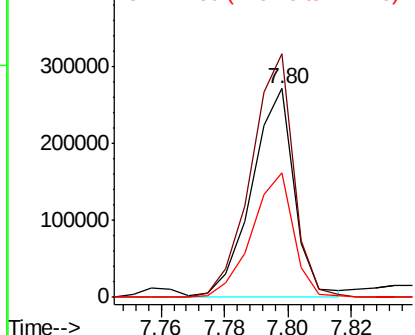
#27
 2,4-Dimethylphenol
 Concen: 39.854 ng
 RT: 7.80 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: BF116618.D
 Acq: 28 Aug 2019 16:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 253319
 Ion Ratio Lower Upper
 122 100
 107 116.5 95.4 143.0
 121 59.3 47.8 71.8

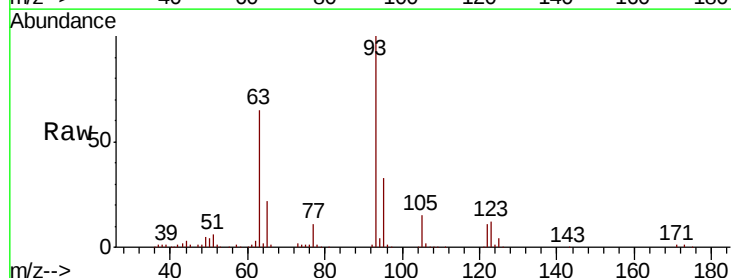


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

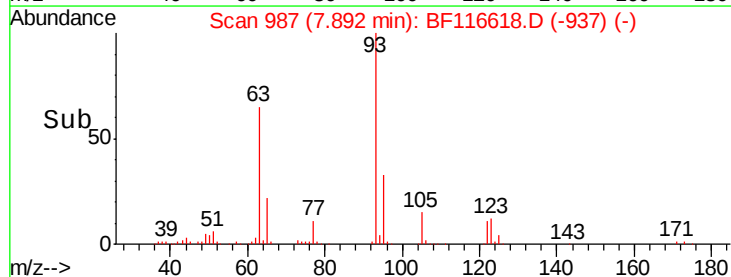
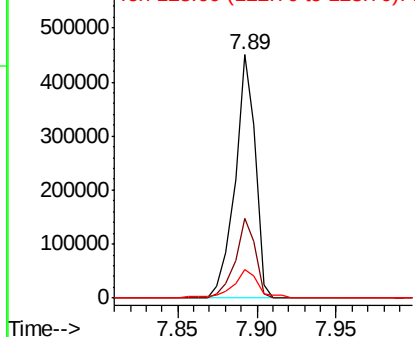


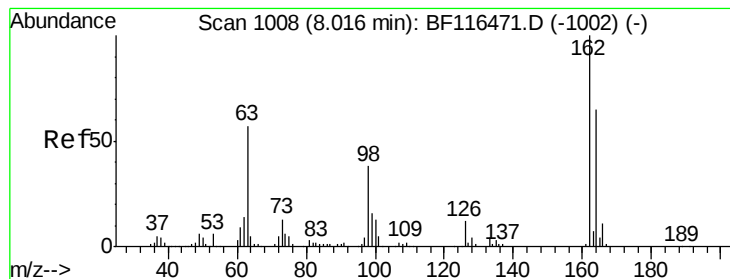
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.397 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF116618.D
 Acq: 28 Aug 2019 16:48

Tgt Ion: 93 Resp: 397873
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.1 39.1
 123 11.8 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: 40.201 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

Instrument :

BNA_F

ClientSampleId :

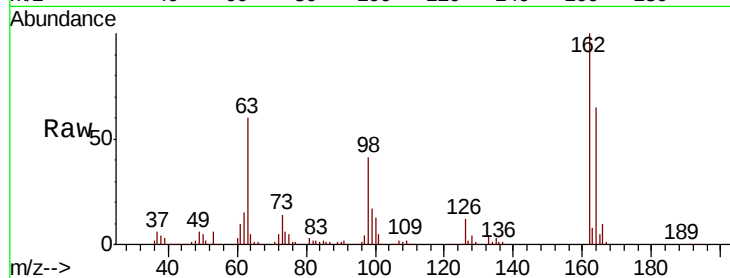
Tot Ion:162 Resp: 267060

Ion Ratio Lower Upper

162 100

164 64.5 45.9 85.9

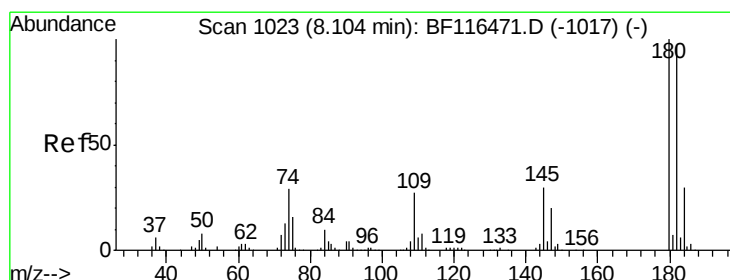
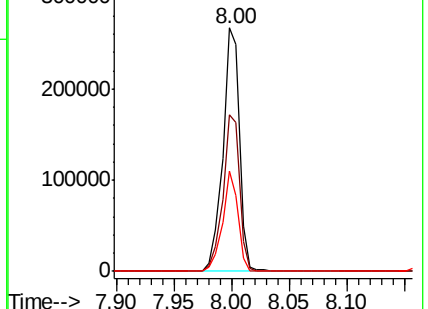
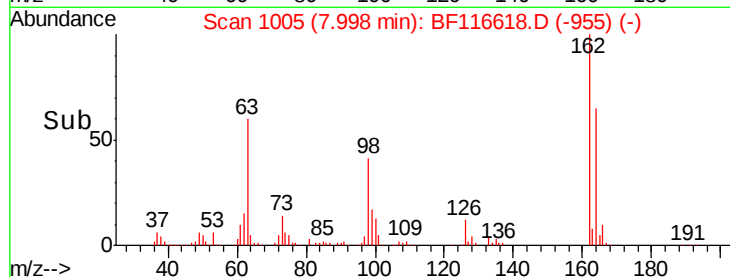
98 41.1 17.4 57.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 40.243 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

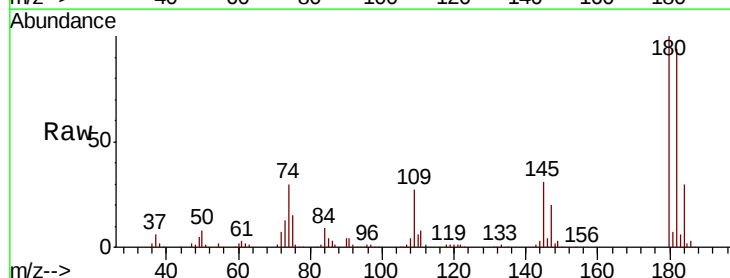
Tgt Ion:180 Resp: 307112

Ion Ratio Lower Upper

180 100

182 94.1 76.7 115.1

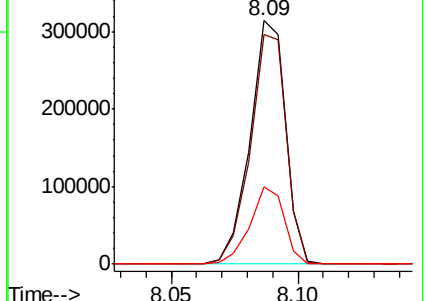
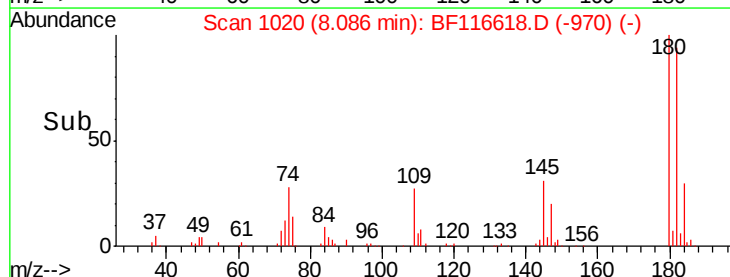
145 31.5 24.1 36.1

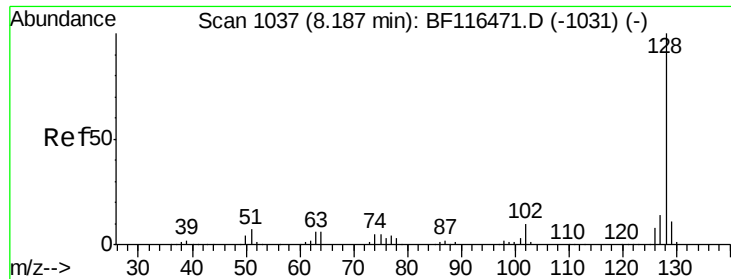


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

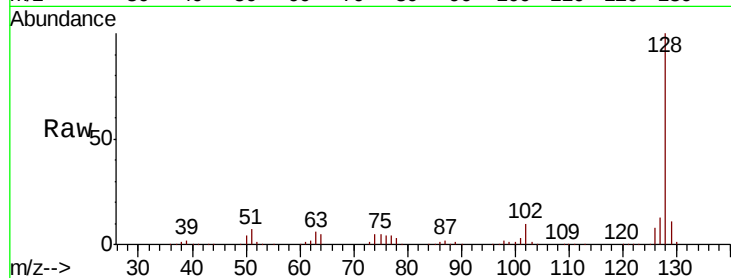




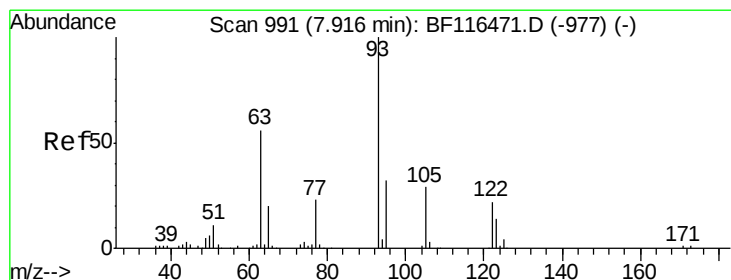
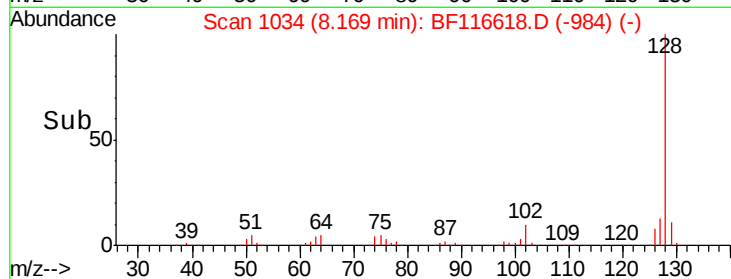
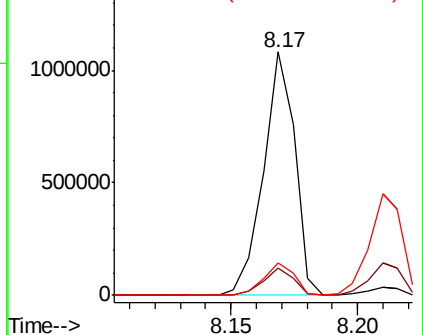
#31
Naphthalene
Concen: 41.218 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF116618.D
Acq: 28 Aug 2019 16:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 941018
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.5 10.9 16.3

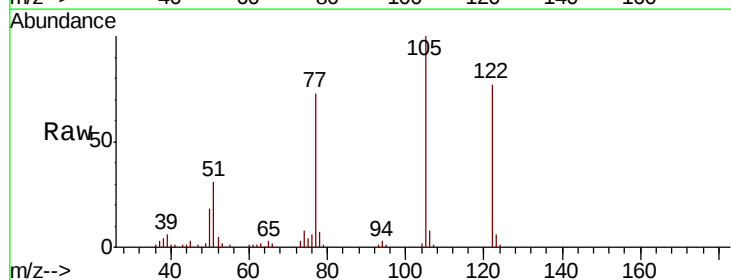


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

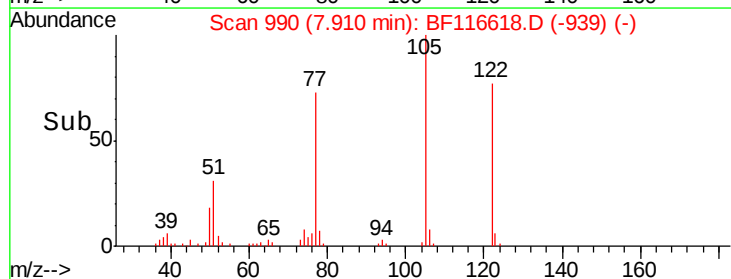
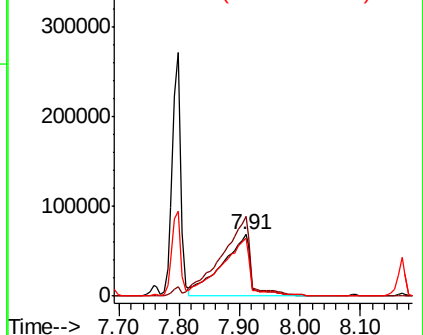


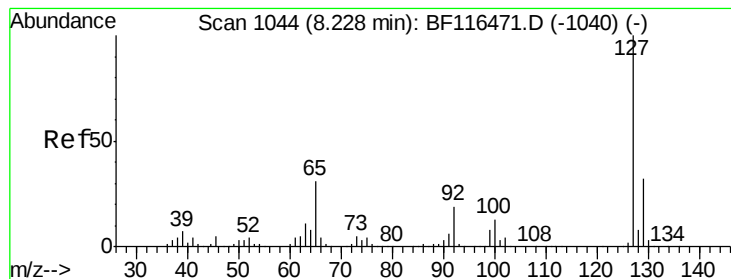
#32
Benzoic acid
Concen: 42.955 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF116618.D
Acq: 28 Aug 2019 16:48

Tgt Ion:122 Resp: 233323
Ion Ratio Lower Upper
122 100
105 129.8 105.8 145.8
77 94.5 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: 41.097 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 413524

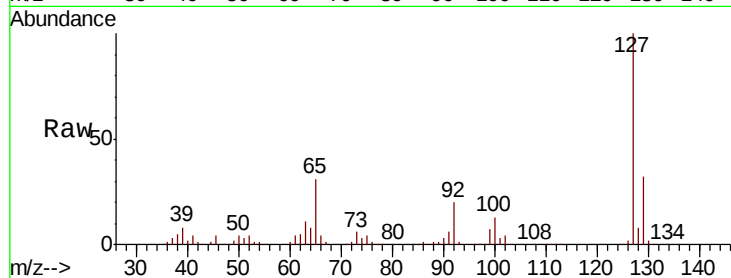
Ion Ratio Lower Upper

127 100

129 32.5 25.9 38.9

65 31.5 22.6 33.8

92 19.5 15.0 22.6

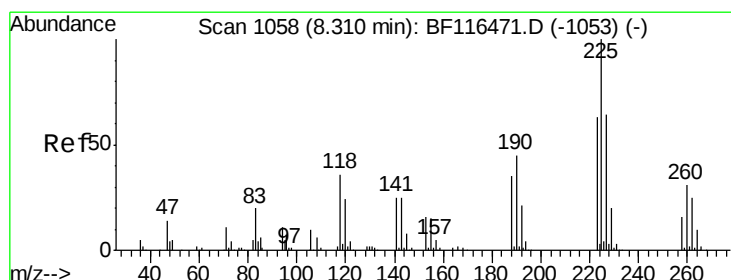
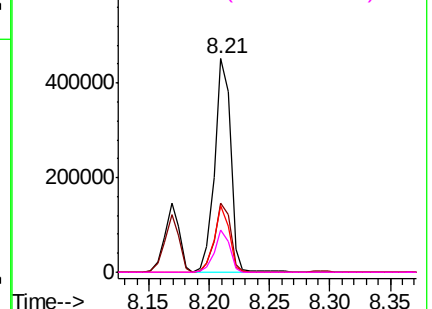
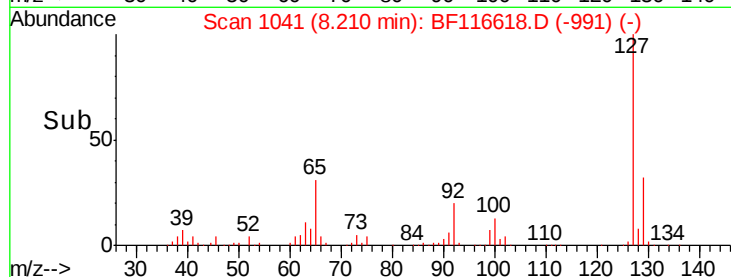


Abundance Ion 127.00 (126.70 to 127.70): E

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: 39.918 ng

RT: 8.29 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

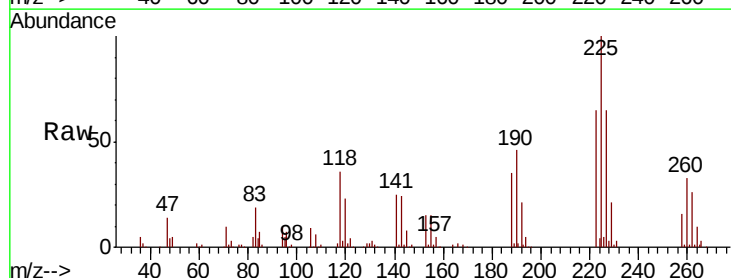
Tgt Ion:225 Resp: 169726

Ion Ratio Lower Upper

225 100

223 64.8 50.7 76.1

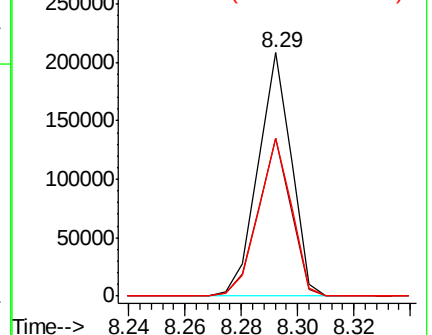
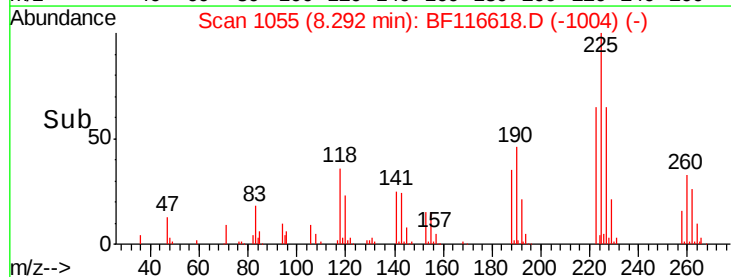
227 64.8 50.4 75.6

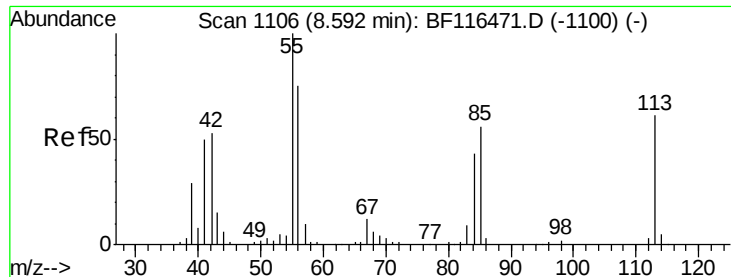


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

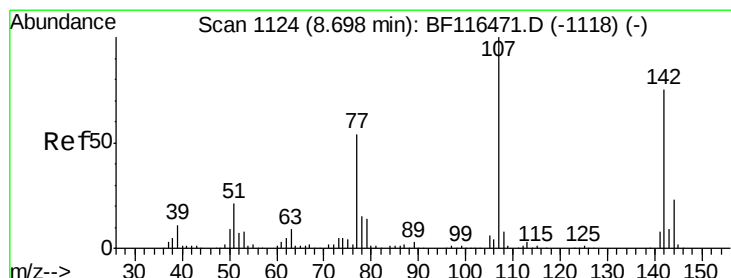
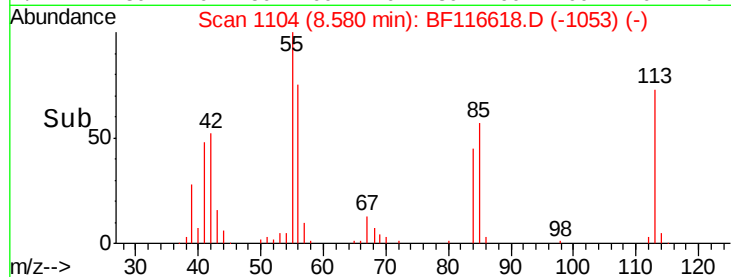
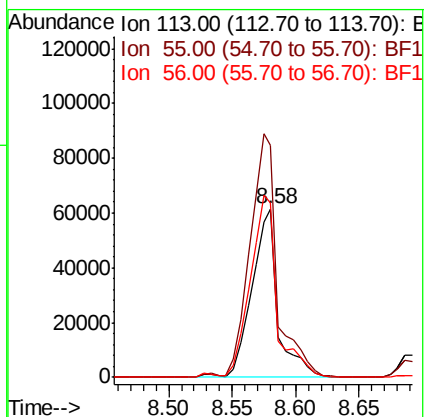
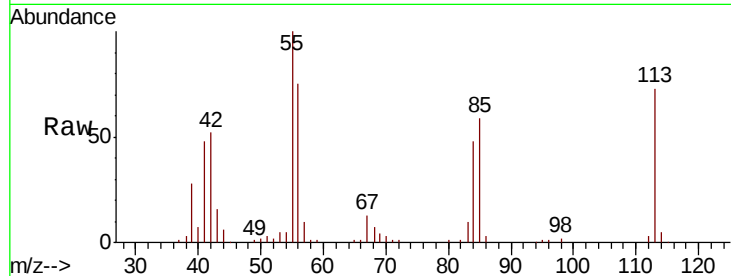




#35
Caprolactam
Concen: 44.609 ng
RT: 8.58 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BF116618.D
Acq: 28 Aug 2019 16:48

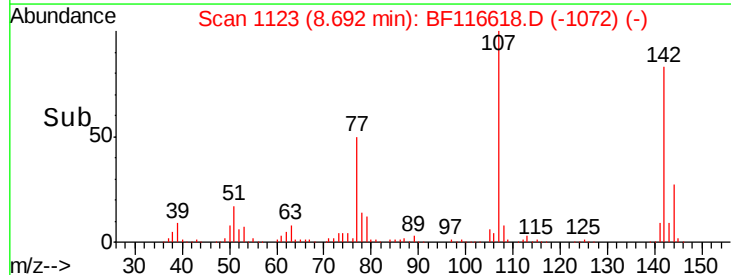
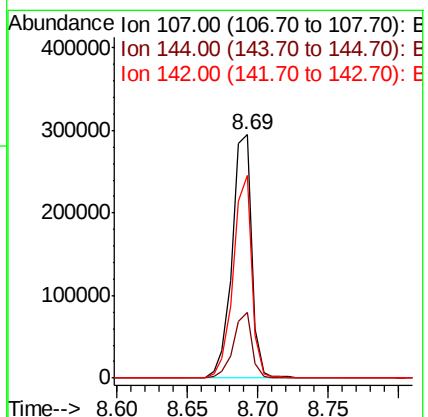
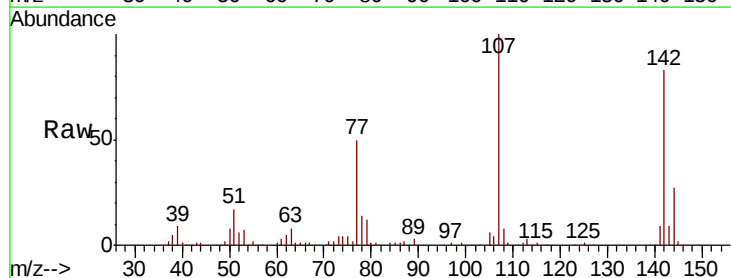
Instrument :
BNA_F
ClientSampled :

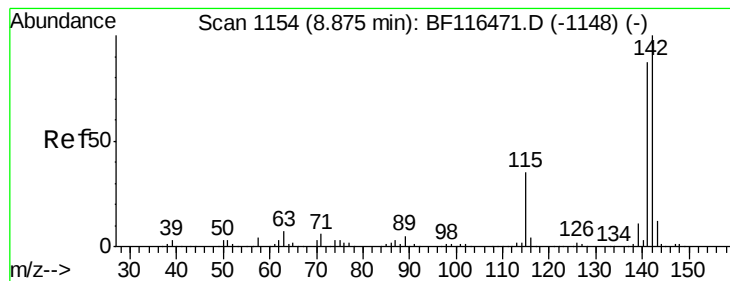
Tot Ion:113 Resp: 88486
Ion Ratio Lower Upper
113 100
55 137.3 128.3 168.3
56 103.5 93.2 133.2



#36
4-Chloro-3-methylphenol
Concen: 42.928 ng
RT: 8.69 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BF116618.D
Acq: 28 Aug 2019 16:48

Tgt Ion:107 Resp: 287263
Ion Ratio Lower Upper
107 100
144 26.8 20.6 30.8
142 83.2 63.8 95.6





#37

2-Methylnaphthalene

Concen: 43.209 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

Instrument :

BNA_F

ClientSampled :

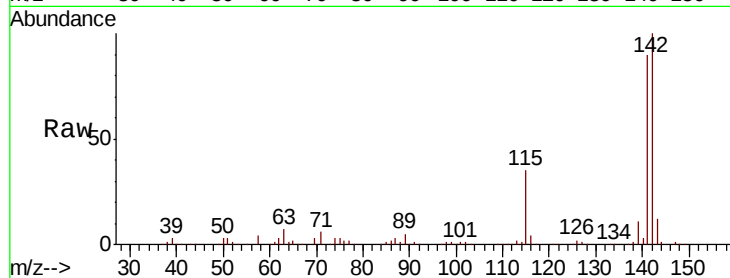
Tot Ion:142 Resp: 616056

Ion Ratio Lower Upper

142 100

141 90.1 69.5 104.3

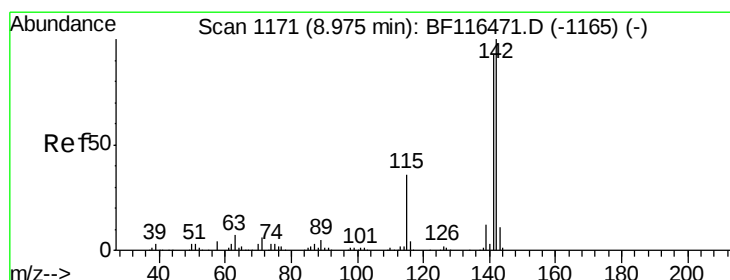
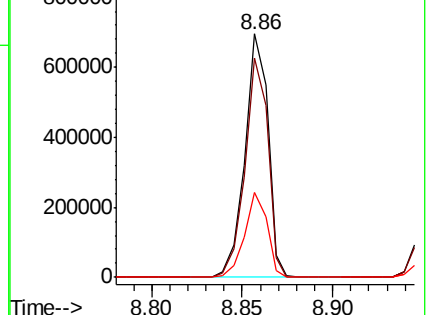
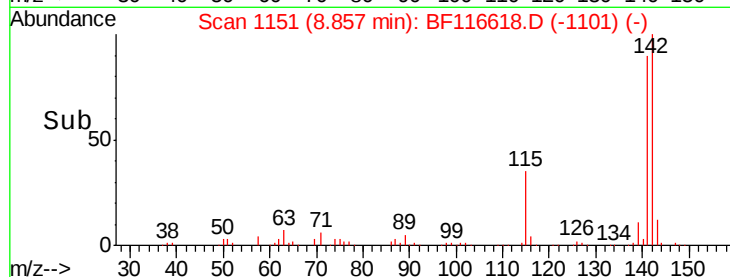
115 34.8 26.0 39.0



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: 42.324 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

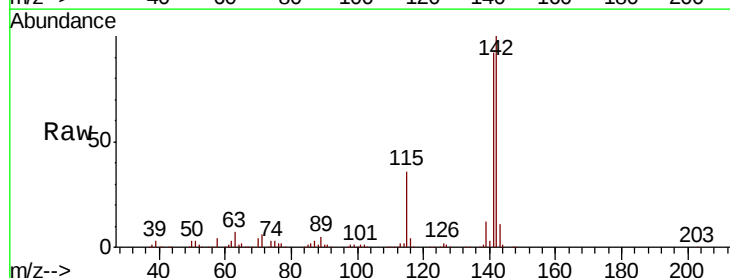
Tgt Ion:142 Resp: 589330

Ion Ratio Lower Upper

142 100

141 91.6 73.1 109.7

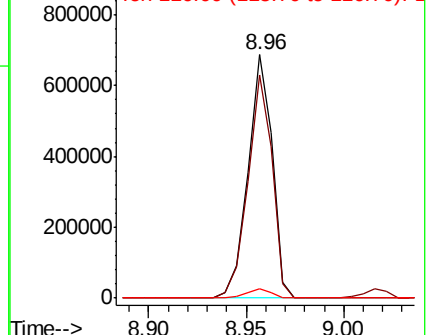
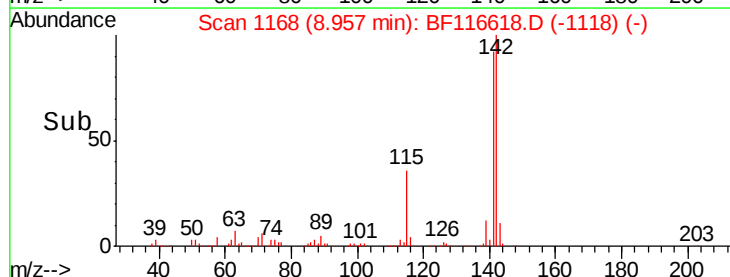
116 3.9 2.7 4.1

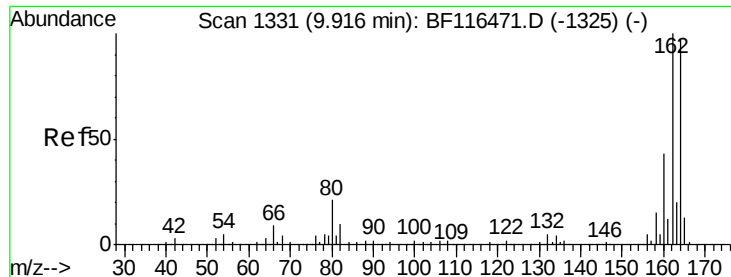


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF116618.D

Acq: 28 Aug 2019 16:48

Instrument :

BNA_F

ClientSampleId :

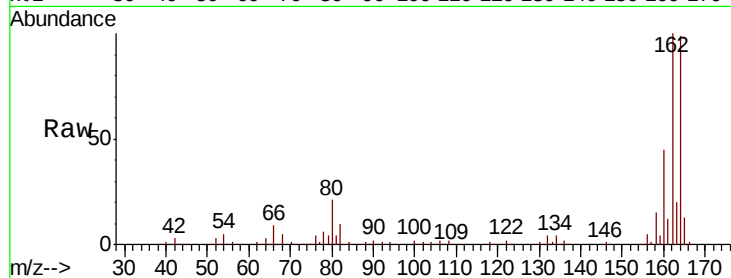
Tot Ion:164 Resp: 249941

Ion Ratio Lower Upper

164 100

162 101.0 83.4 125.0

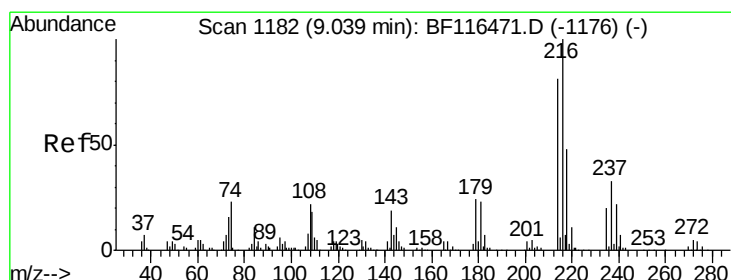
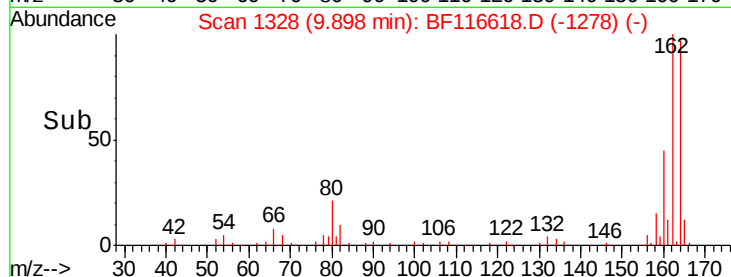
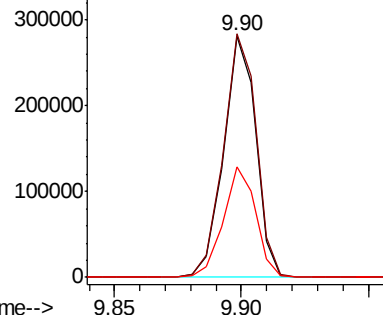
160 45.6 37.0 55.4



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: 41.500 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

Tgt Ion:216 Resp: 284580

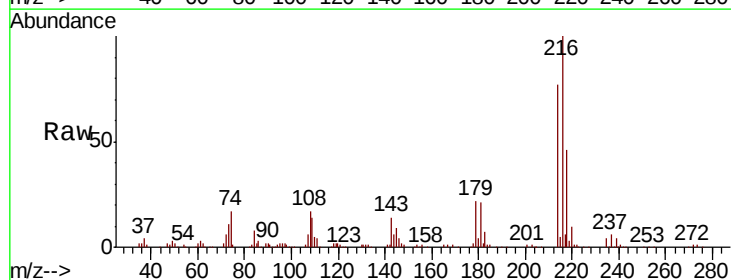
Ion Ratio Lower Upper

216 100

214 78.2 63.3 94.9

179 22.5 17.9 26.9

108 20.0 16.0 24.0

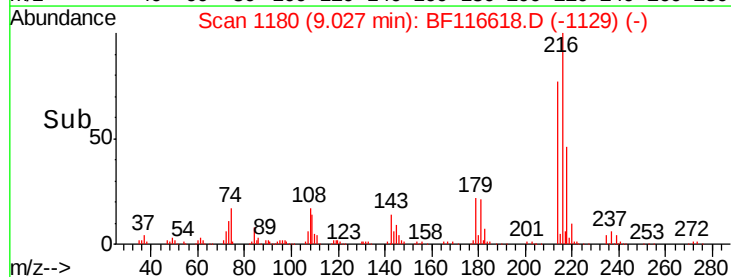
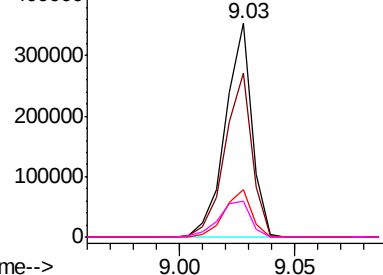


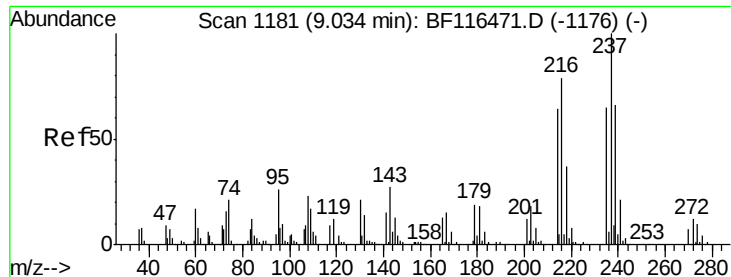
Abundance Ion 216.00 (215.70 to 216.70): E

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

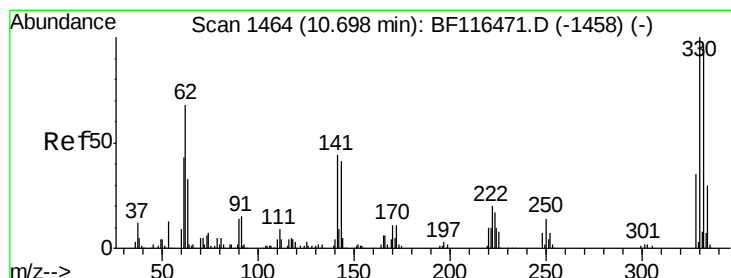
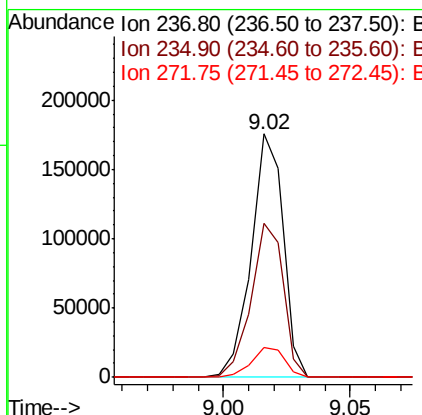
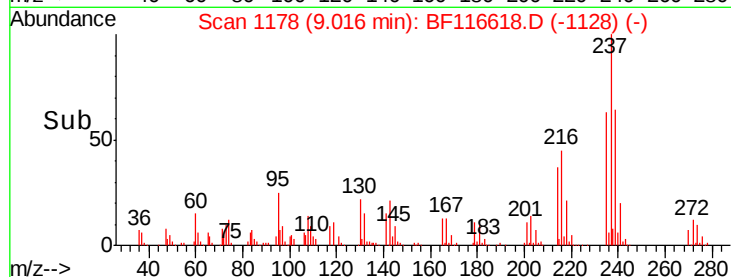
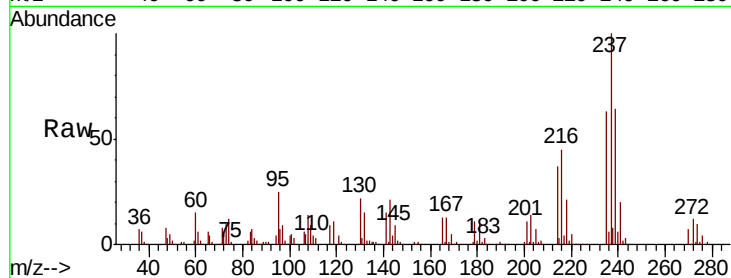




#41
Hexachlorocyclopentadiene
Concen: 39.048 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF116618.D
Acq: 28 Aug 2019 16:48

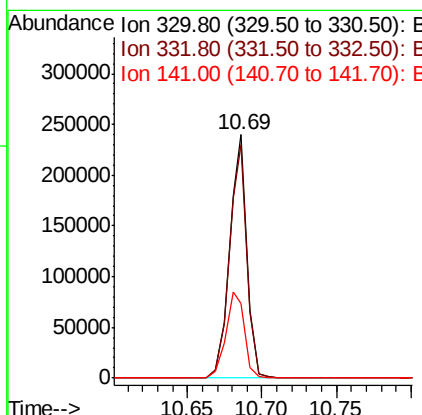
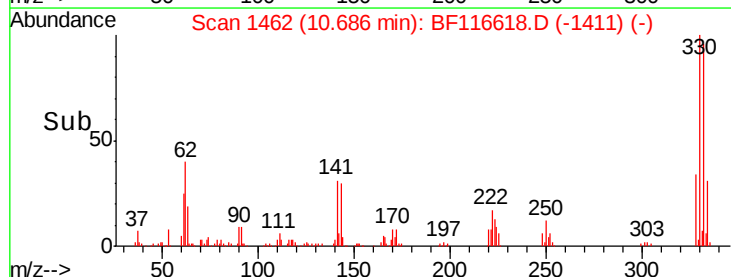
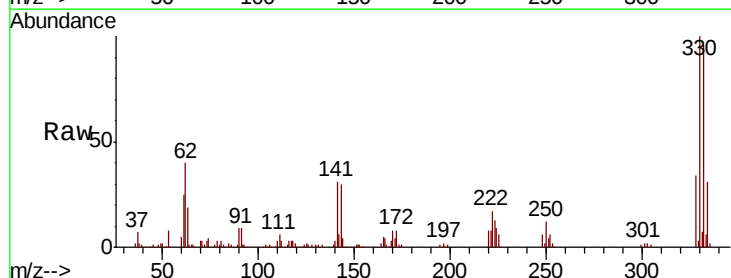
Instrument :
BNA_F
ClientSampleId :

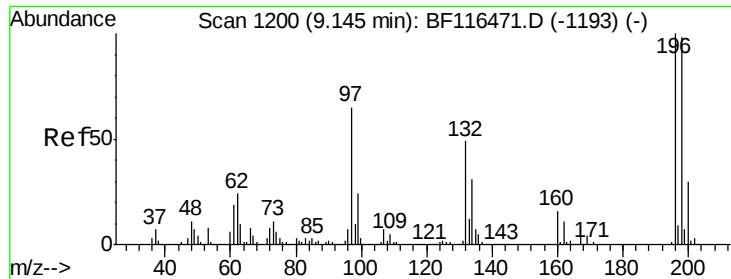
Tot Ion:237 Resp: 155058
Ion Ratio Lower Upper
237 100
235 63.4 42.9 82.9
272 12.2 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 82.970 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.00 min
Lab File: BF116618.D
Acq: 28 Aug 2019 16:48

Tgt Ion:330 Resp: 197340
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 38.1 28.2 42.2

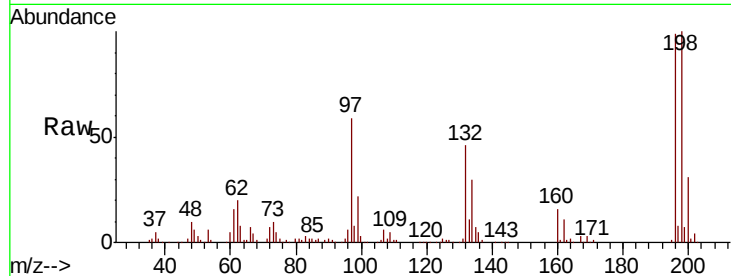




#43
 2,4,6-Trichlorophenol
 Concen: 40.891 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF116618.D
 Acq: 28 Aug 2019 16:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	196933
Ion Ratio	Lower	Upper	
196	100		
198	101.0	76.8	115.2
200	31.4	25.0	37.6

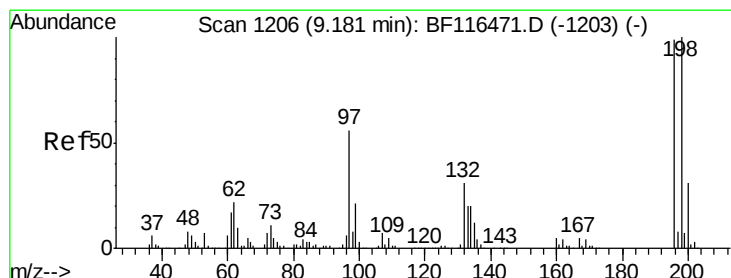
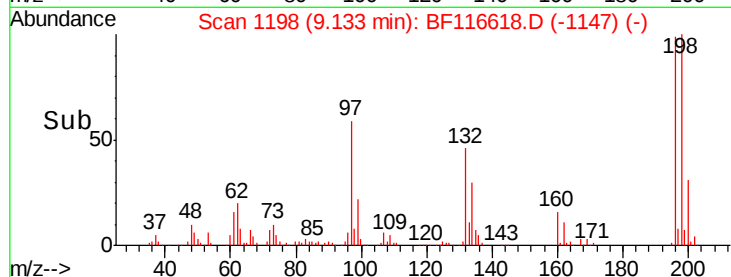
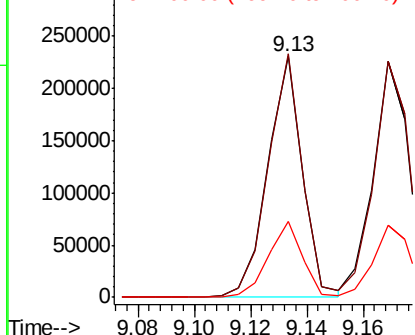


Abundance

Ion 196.00 (195.70 to 196.70): E

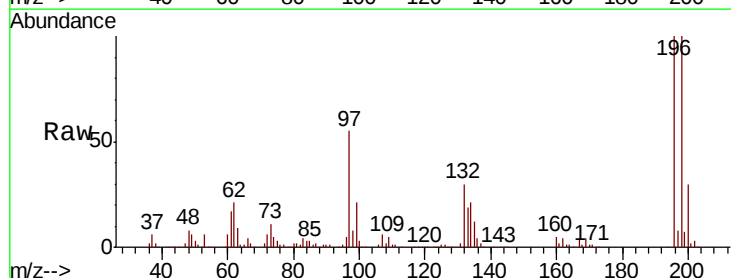
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 41.165 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF116618.D
 Acq: 28 Aug 2019 16:48

Tgt Ion	196	Resp	199395
Ion Ratio	Lower	Upper	
196	100		
198	100.1	82.0	123.0
97	55.5	37.0	55.6
132	29.9	22.2	33.2



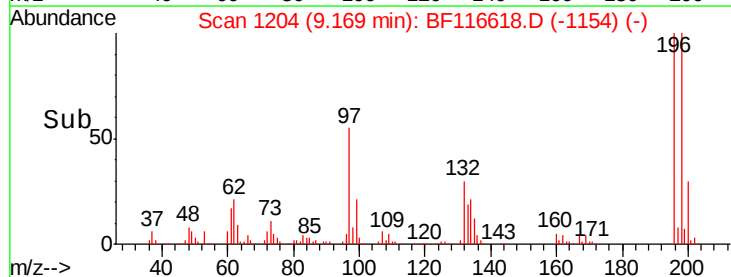
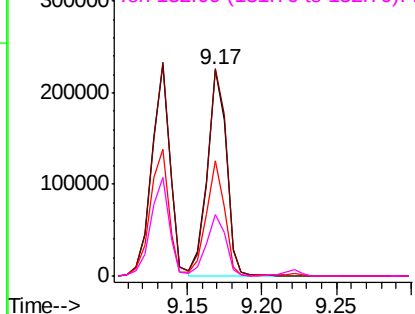
Abundance

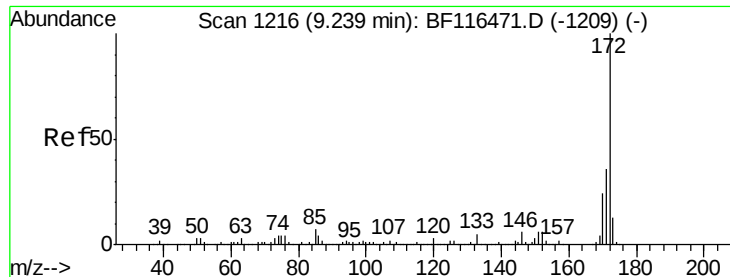
Ion 196.00 (195.70 to 196.70): E

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

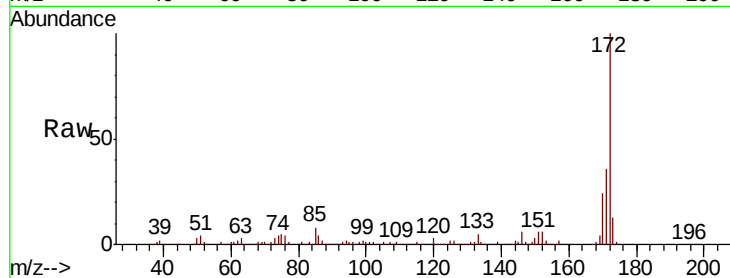




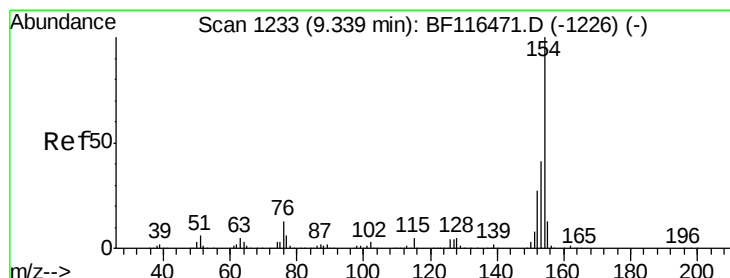
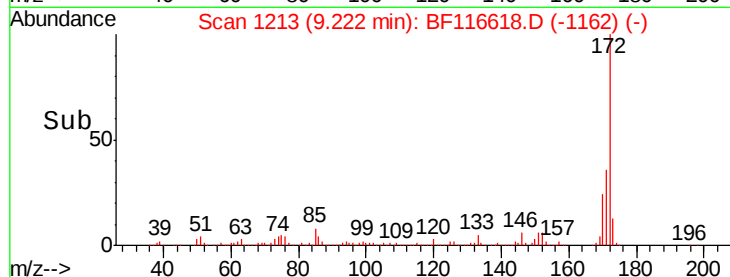
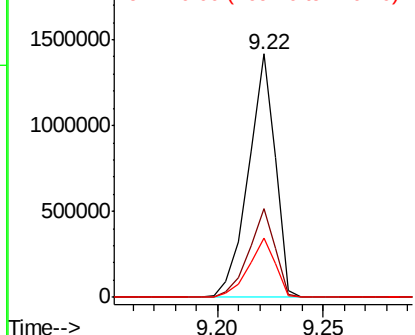
#45
2-Fluorobiphenyl
Concen: 83.443 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF116618.D
Acq: 28 Aug 2019 16:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1253209
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 24.3 19.3 28.9

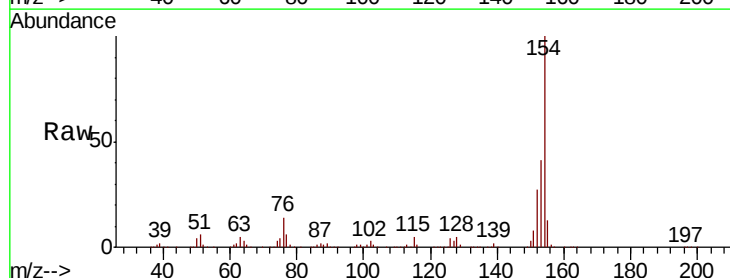


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

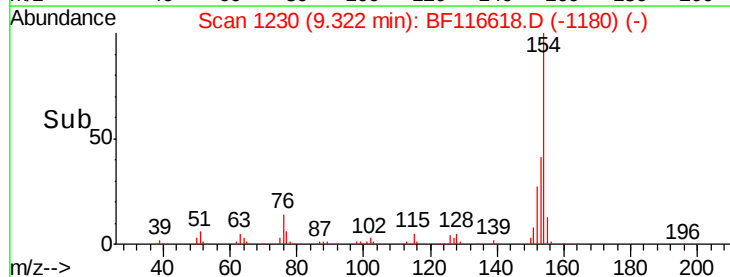
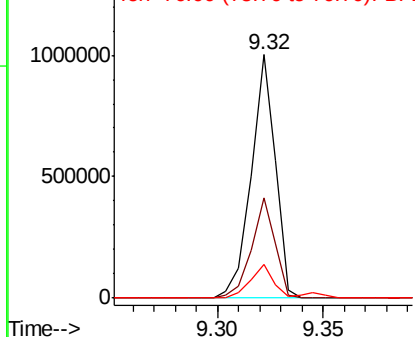


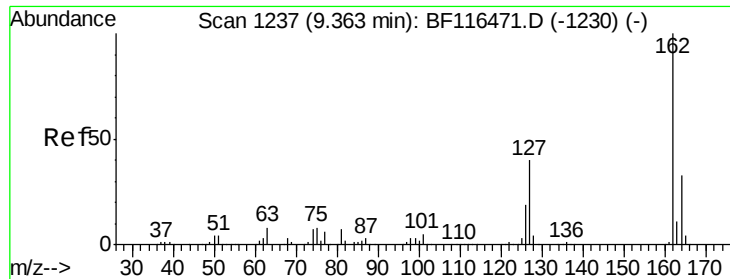
#46
1,1'-Biphenyl
Concen: 42.018 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF116618.D
Acq: 28 Aug 2019 16:48

Tgt Ion:154 Resp: 797218
Ion Ratio Lower Upper
154 100
153 41.1 21.4 61.4
76 13.7 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

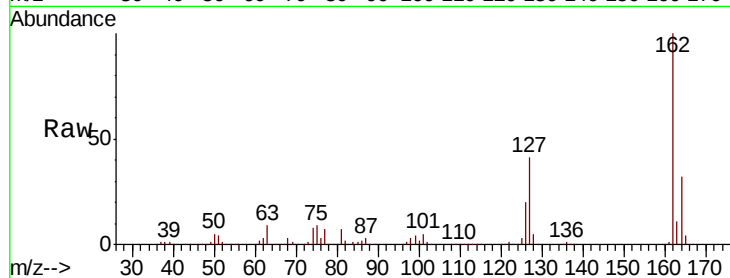




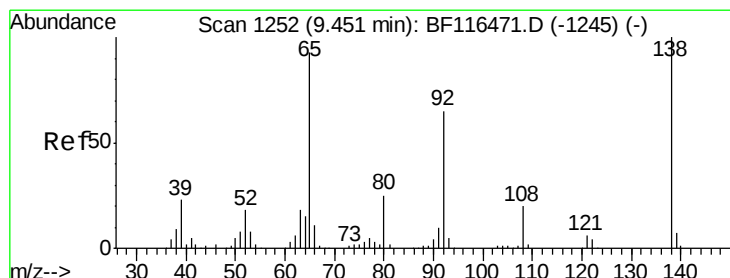
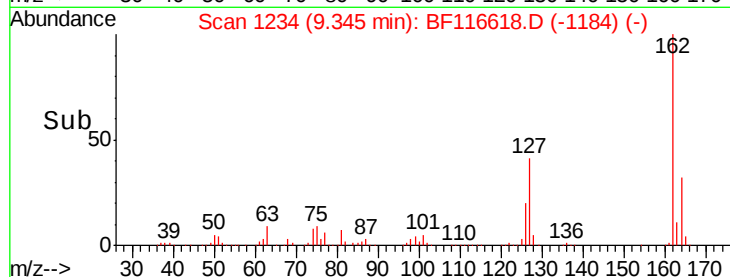
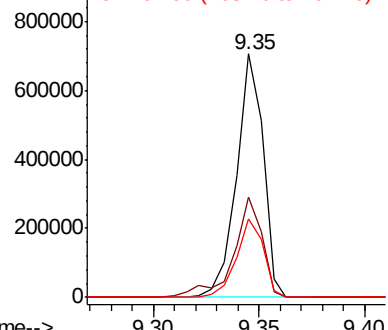
#47
 2-Chloronaphthalene
 Concen: 42.022 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BF116618.D
 Acq: 28 Aug 2019 16:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 621538
 Ion Ratio Lower Upper
 162 100
 127 41.0 31.1 46.7
 164 32.2 26.8 40.2

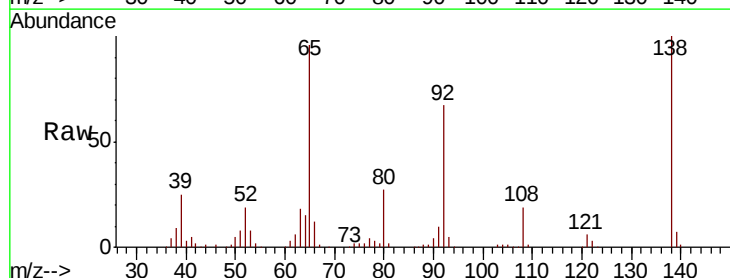


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

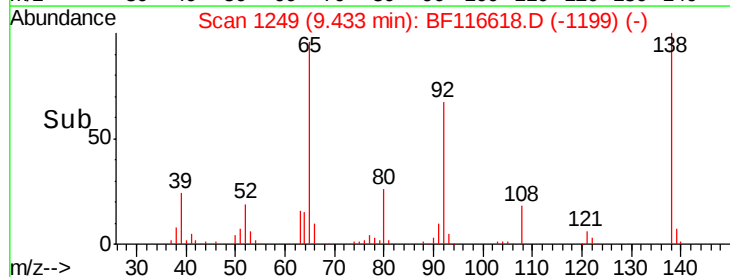
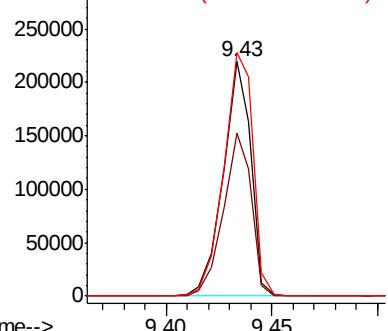


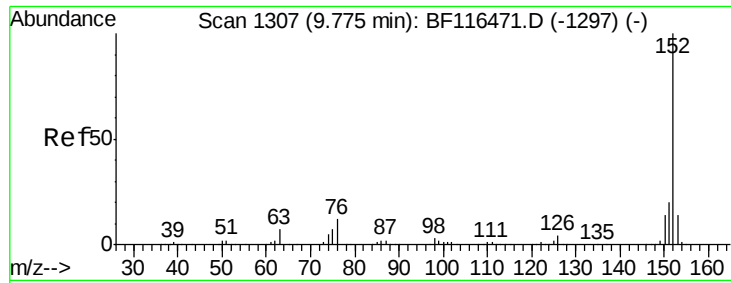
#48
 2-Nitroaniline
 Concen: 42.643 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF116618.D
 Acq: 28 Aug 2019 16:48

Tgt Ion: 65 Resp: 199478
 Ion Ratio Lower Upper
 65 100
 92 69.4 58.2 87.2
 138 103.8 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: 41.379 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

Instrument :

BNA_F

ClientSampled :

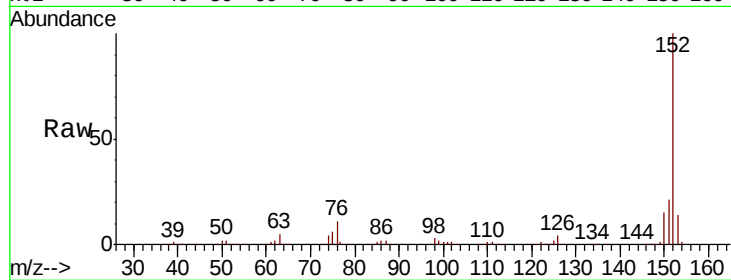
Tot Ion:152 Resp: 898935

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

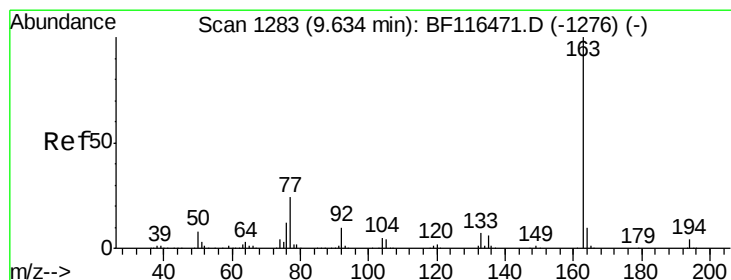
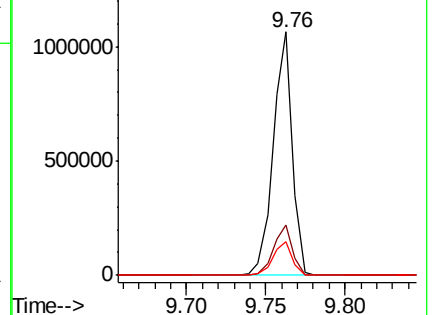
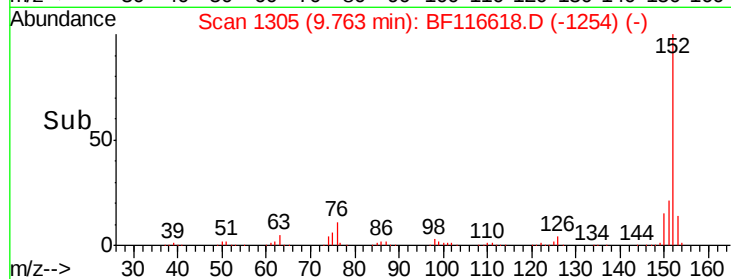
153 13.9 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.441 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

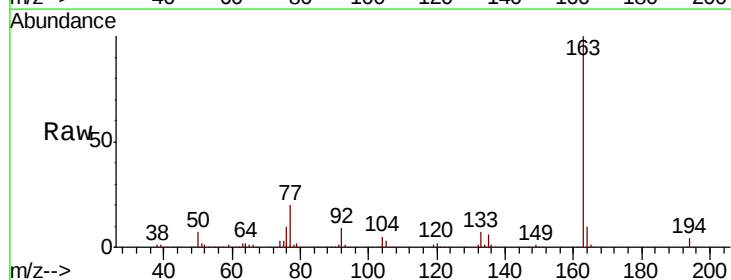
Tgt Ion:163 Resp: 696335

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

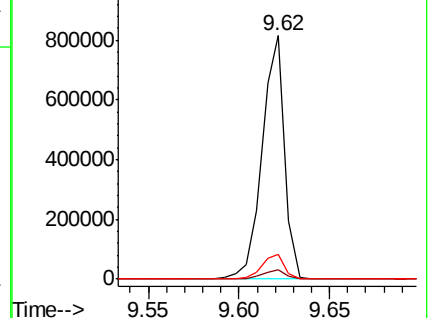
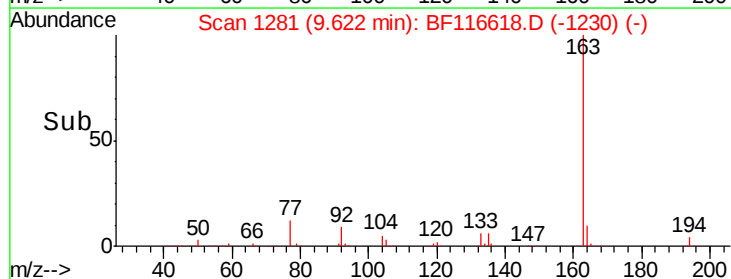
164 10.2 8.2 12.2

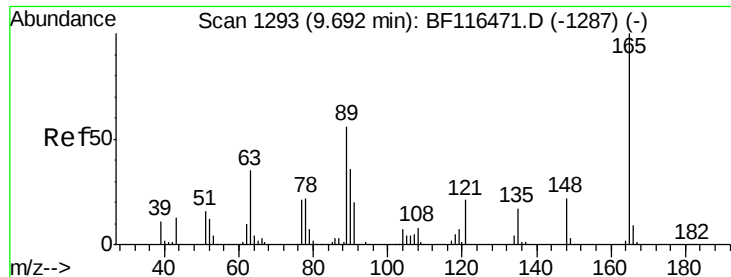


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.685 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

Instrument :

BNA_F

ClientSampled :

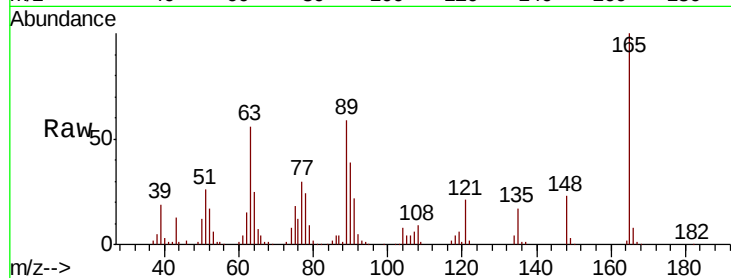
Tot Ion:165 Resp: 154457

Ion Ratio Lower Upper

165 100

63 56.4 37.2 55.8#

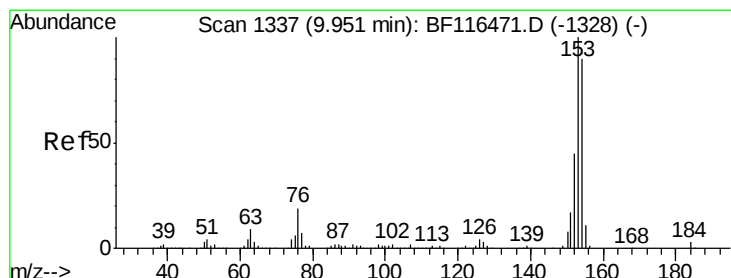
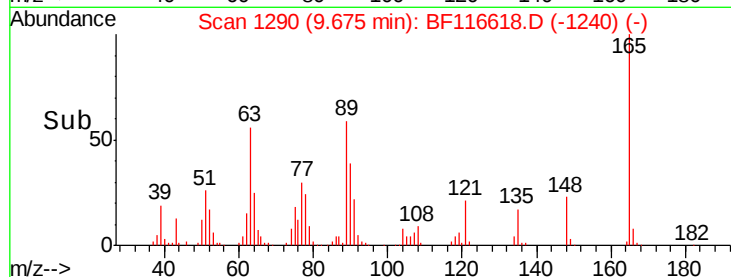
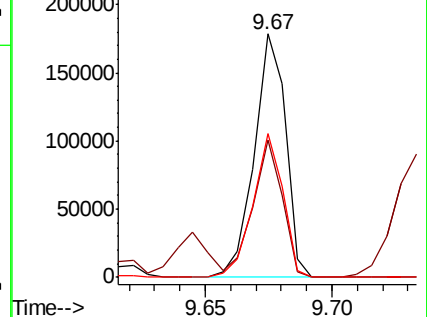
89 58.9 40.8 61.2



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: 40.690 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

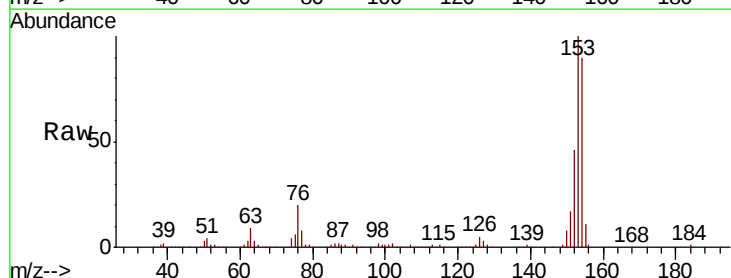
Tgt Ion:154 Resp: 598544

Ion Ratio Lower Upper

154 100

153 111.2 86.6 129.8

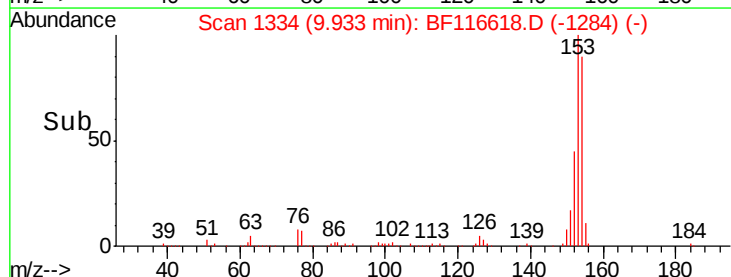
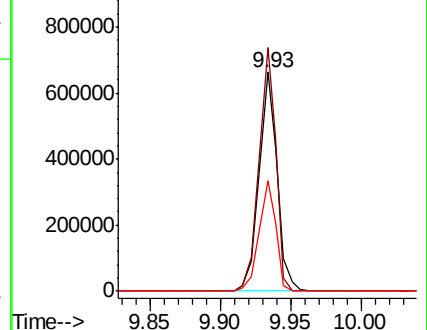
152 50.7 39.4 59.0

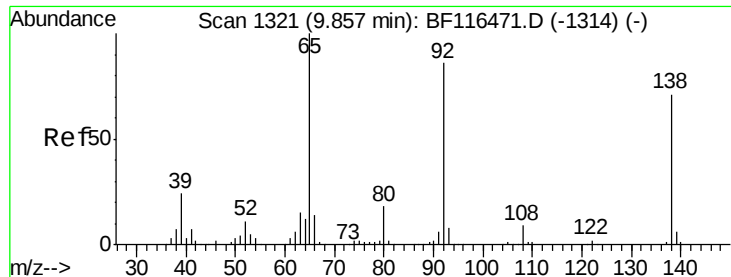


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

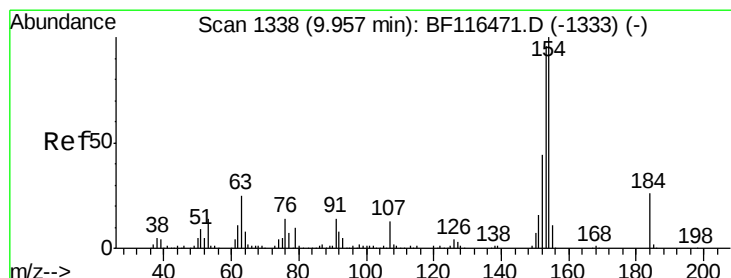
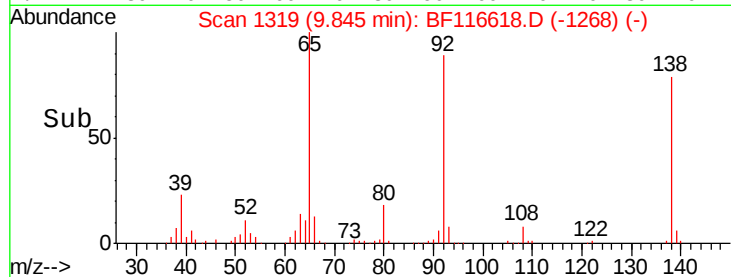
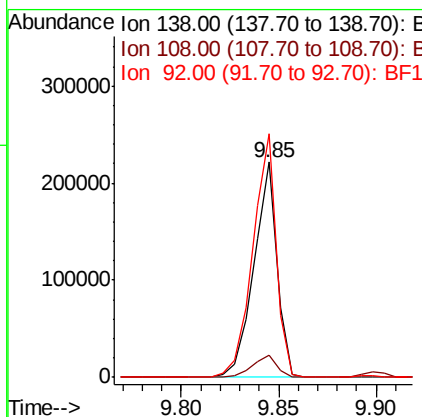
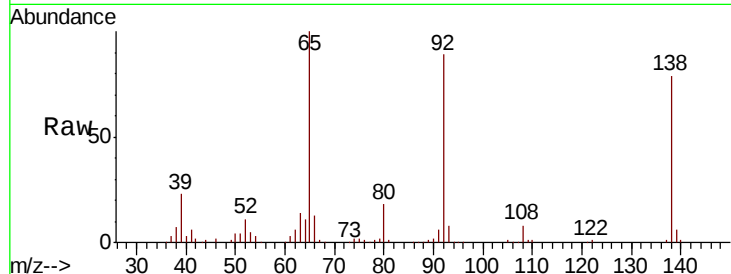




#53
 3-Nitroaniline
 Concen: 41.348 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF116618.D
 Acq: 28 Aug 2019 16:48

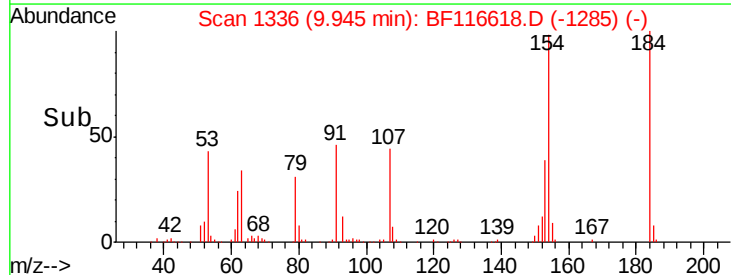
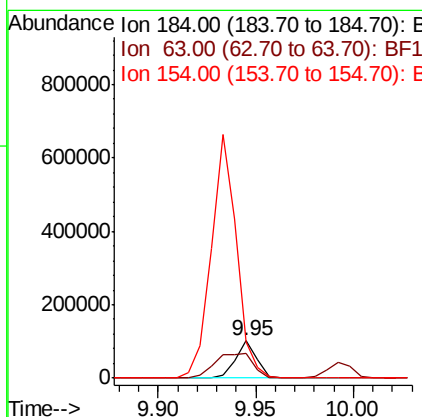
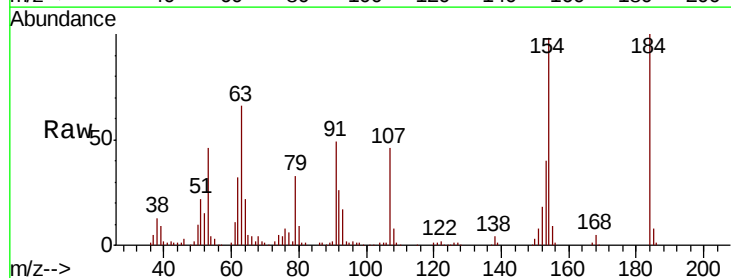
Instrument :
 BNA_F
 ClientSampleId :

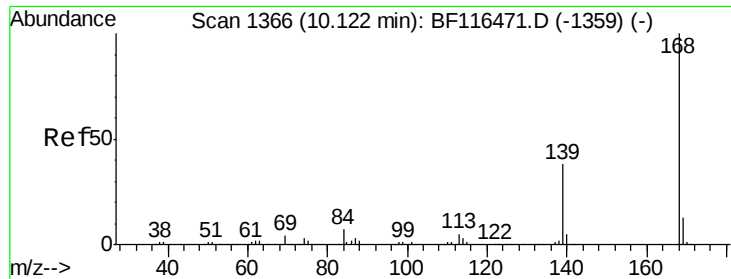
Tot Ion:138 Resp: 182938
 Ion Ratio Lower Upper
 138 100
 108 10.4 8.5 12.7
 92 113.0 91.6 137.4



#54
 2,4-Dinitrophenol
 Concen: 41.479 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: BF116618.D
 Acq: 28 Aug 2019 16:48

Tgt Ion:184 Resp: 76155
 Ion Ratio Lower Upper
 184 100
 63 66.2 62.7 94.1
 154 98.2 150.0 225.0#

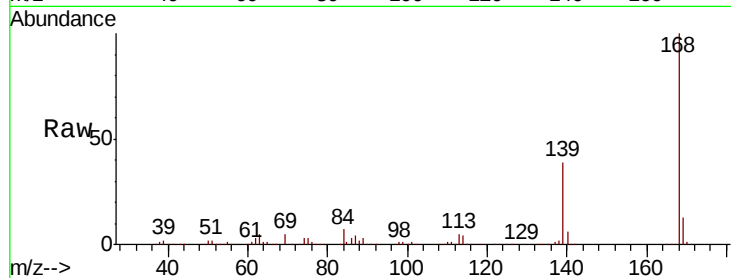




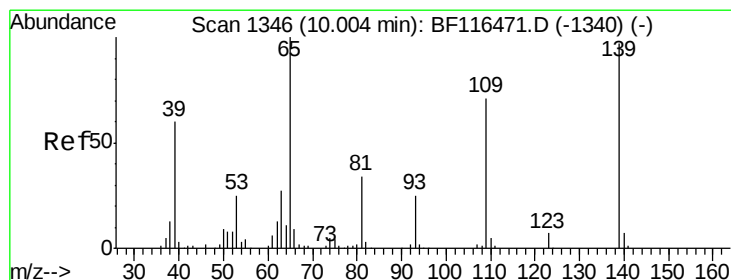
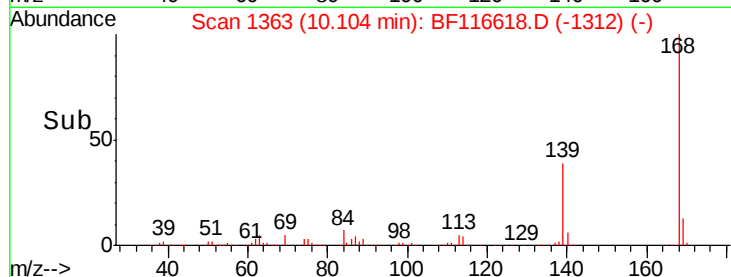
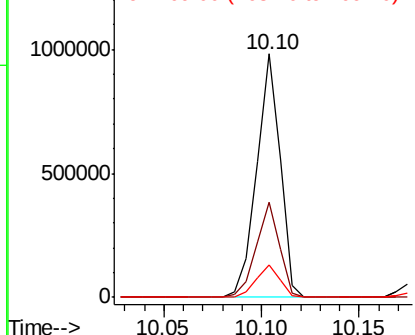
#55
Dibenzenofuran
Concen: 41.302 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF116618.D
Acq: 28 Aug 2019 16:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	31.3	46.9
169	13.3	11.3	16.9

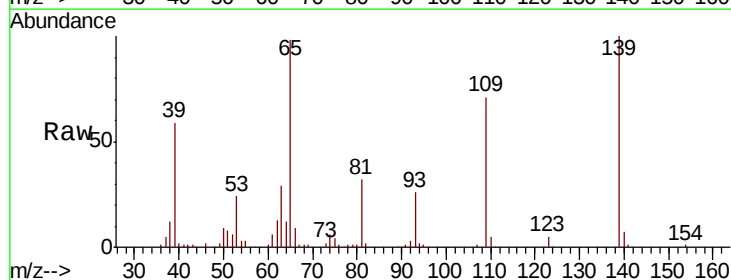


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

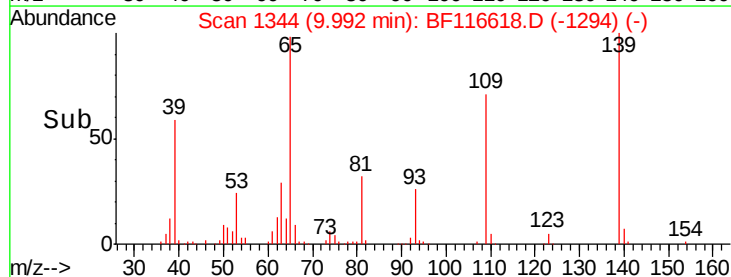
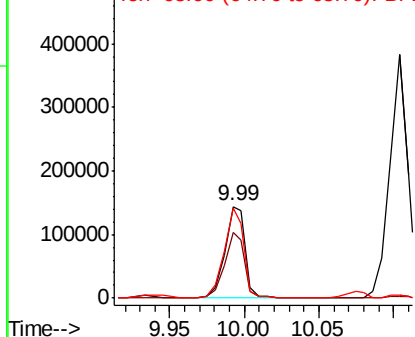


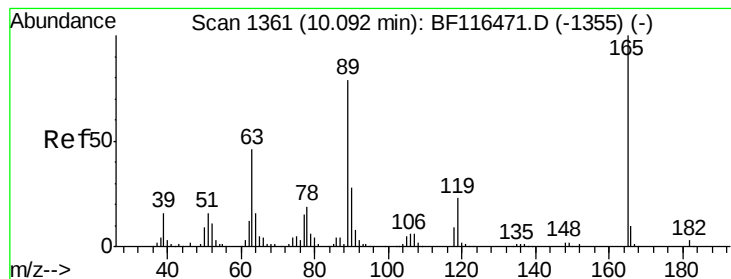
#56
4-Nitrophenol
Concen: 41.809 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF116618.D
Acq: 28 Aug 2019 16:48

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.0	45.5	85.5
65	97.6	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: 42.084 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.00 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 205755

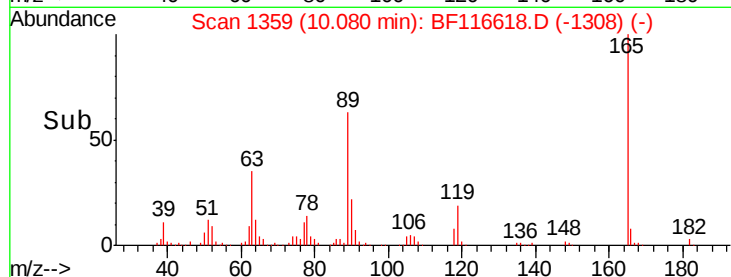
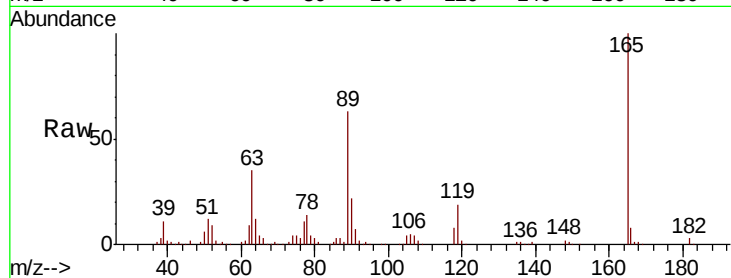
Ion Ratio Lower Upper

165 100

63 34.5 30.9 46.3

89 63.4 55.0 82.6

182 2.9 2.2 3.2

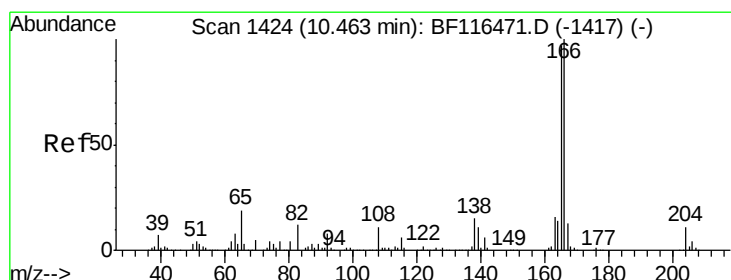
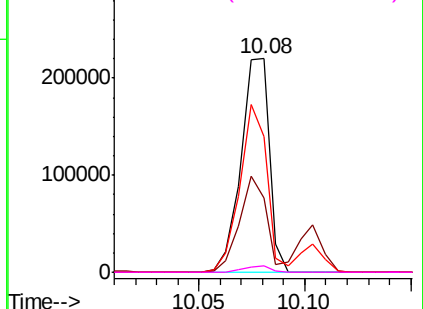


Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.612 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

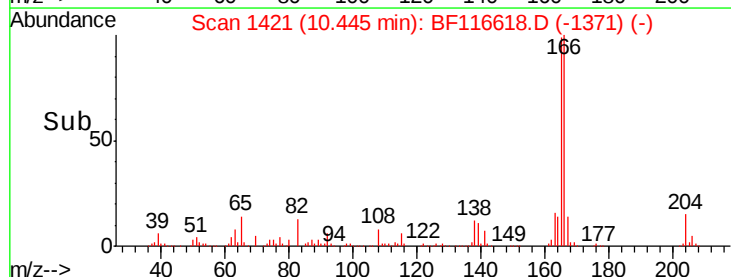
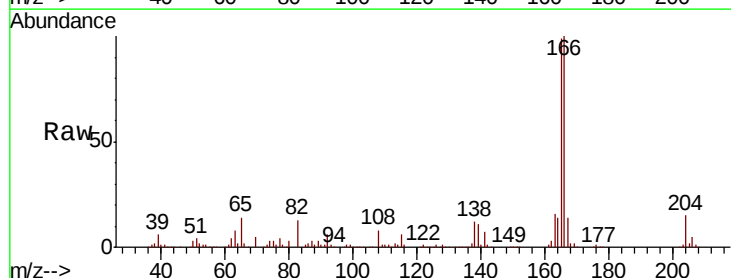
Tgt Ion:166 Resp: 625565

Ion Ratio Lower Upper

166 100

165 98.8 77.8 116.6

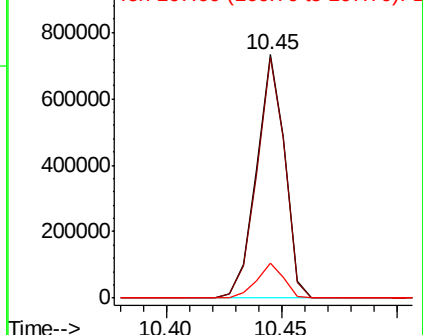
167 14.1 10.6 16.0

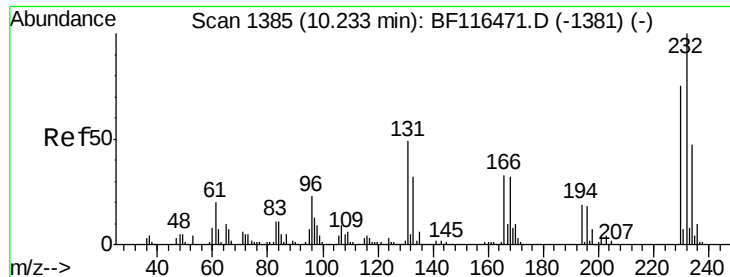


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

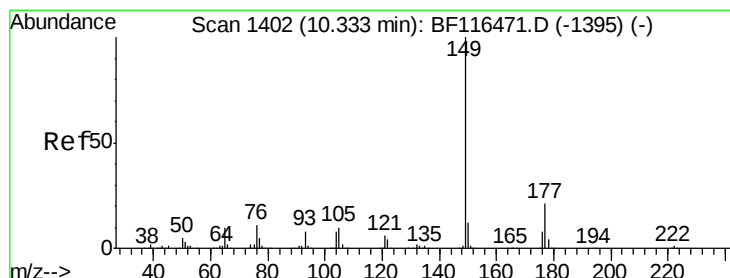
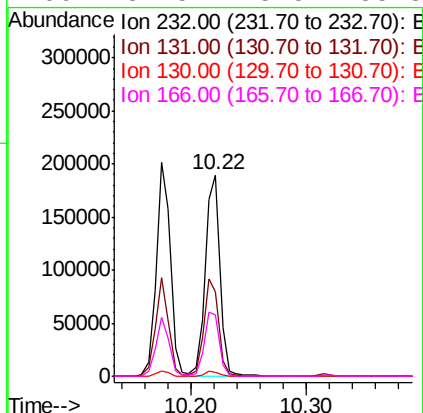
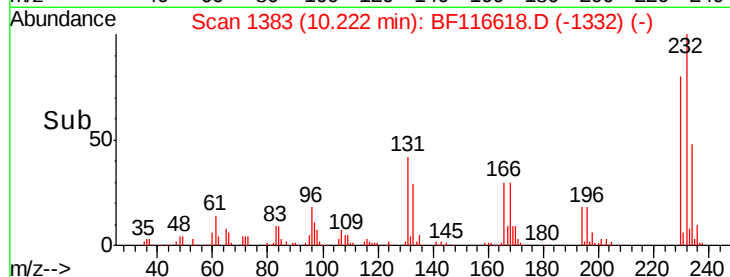
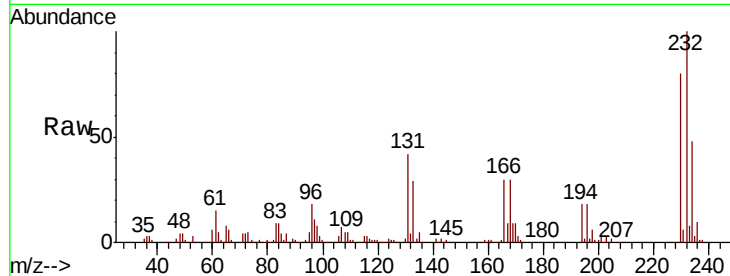




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.346 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BF116618.D
 Acq: 28 Aug 2019 16:48

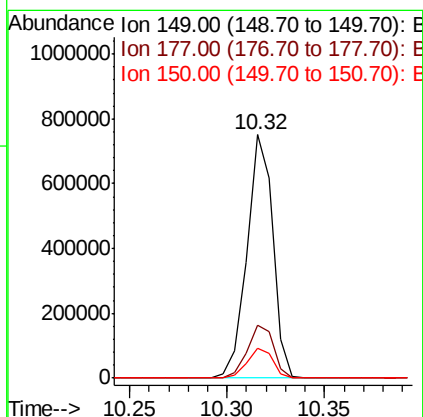
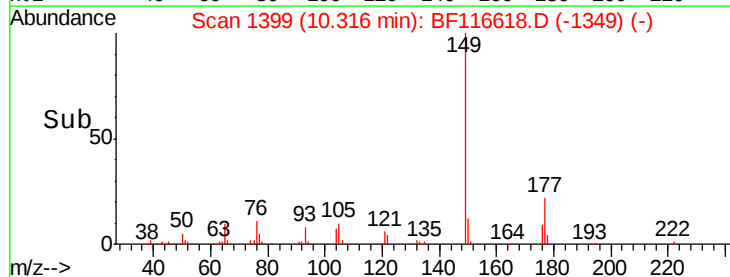
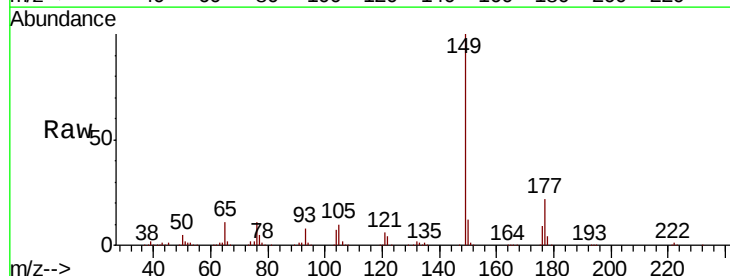
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.5	37.7	56.5
130	2.2	1.8	2.6
166	32.5	25.5	38.3



#60
 Diethylphthalate
 Concen: 41.988 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF116618.D
 Acq: 28 Aug 2019 16:48

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	18.2	27.4
150	12.5	10.1	15.1

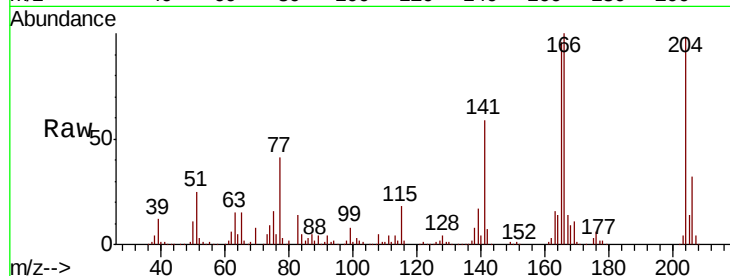




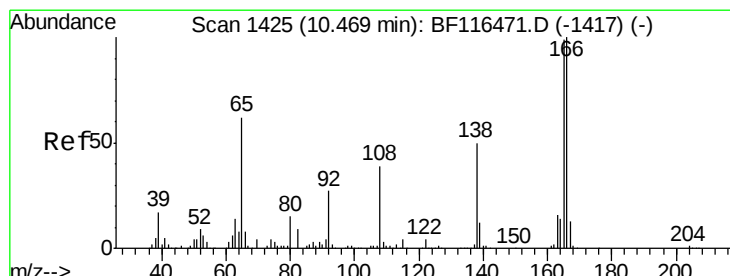
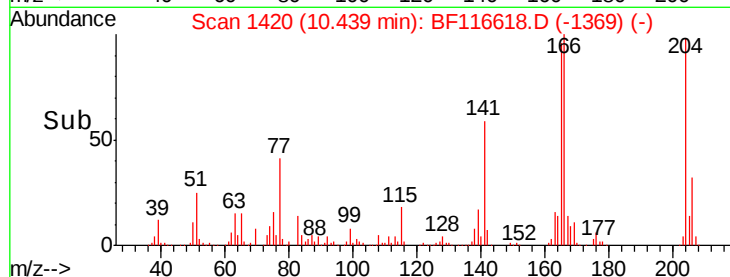
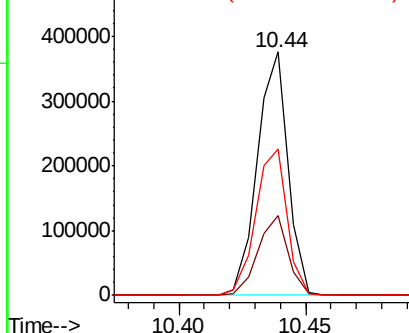
#61
 4-Chlorophenyl-phenylether
 Concen: 41.869 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.00 min
 Lab File: BF116618.D
 Acq: 28 Aug 2019 16:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	204	Resp:	315547
Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.0	39.0
141	60.2	47.9	71.9

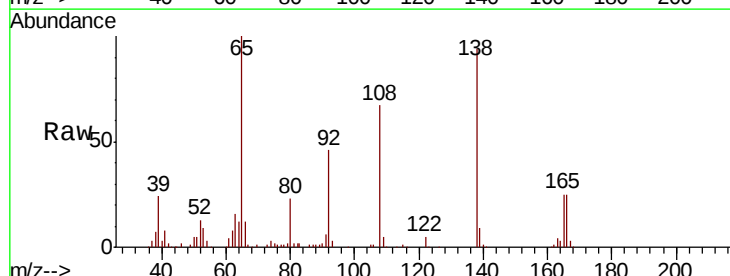


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

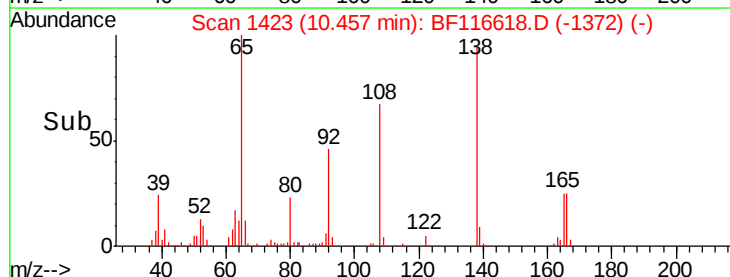
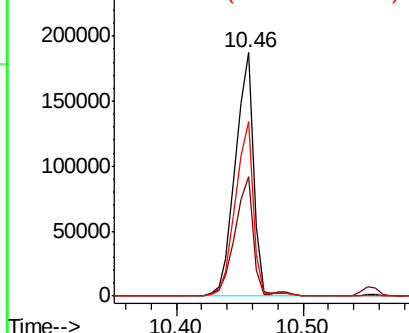


#62
 4-Nitroaniline
 Concen: 43.252 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF116618.D
 Acq: 28 Aug 2019 16:48

Tgt Ion:	138	Resp:	186184
Ion	Ratio	Lower	Upper
138	100		
92	49.1	28.9	68.9
108	71.5	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

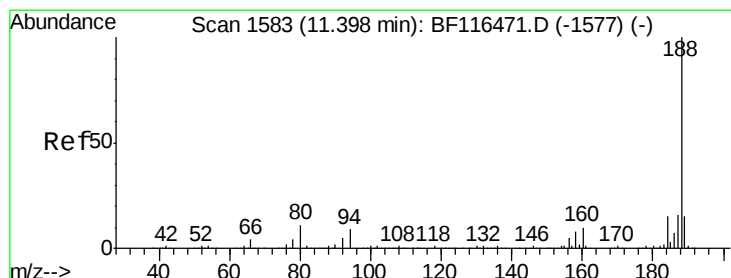
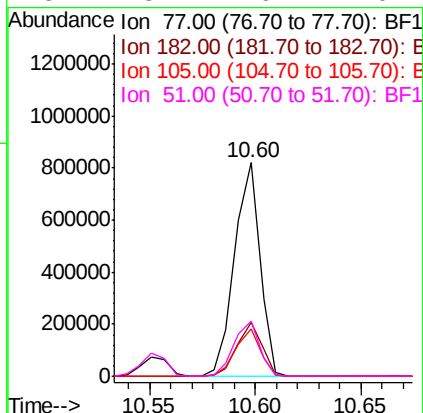
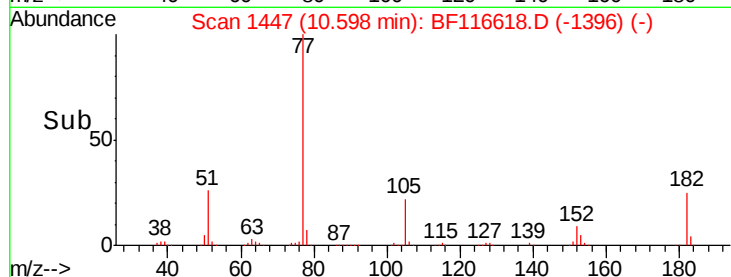
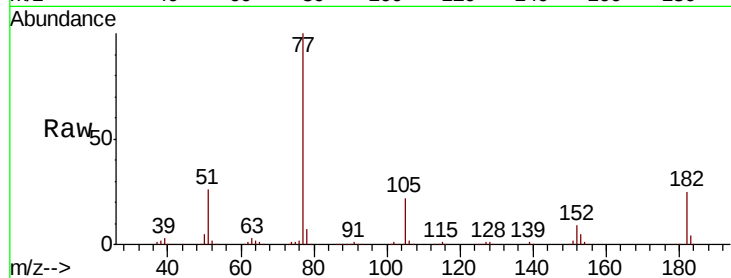




#63
Azobenzene
Concen: 41.248 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF116618.D
Acq: 28 Aug 2019 16:48

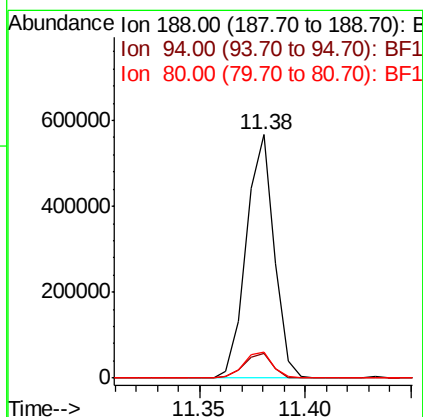
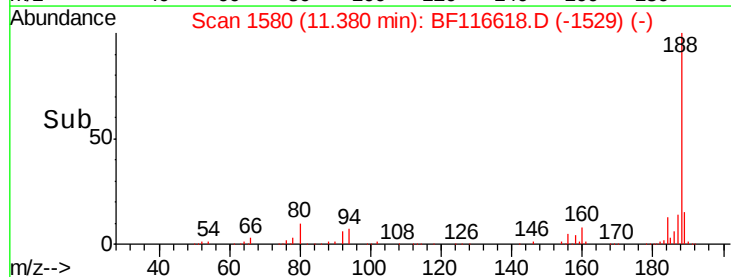
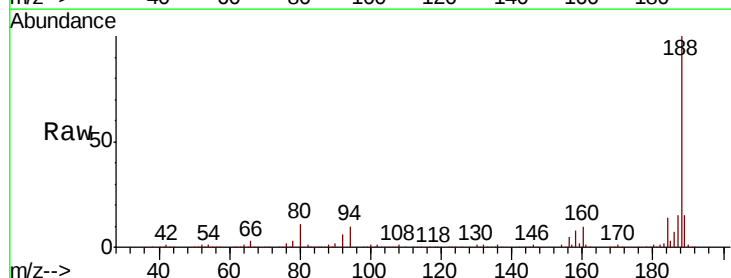
Instrument :
BNA_F
ClientSampleId :

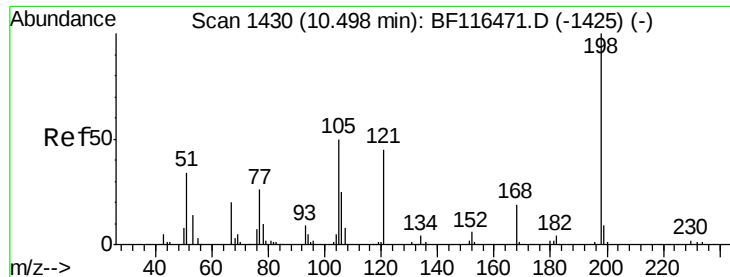
Tot Ion:	77	Resp:	682953
Ion	Ratio	Lower	Upper
77	100		
182	25.3	3.8	43.8
105	22.1	1.6	41.6
51	25.7	6.1	46.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF116618.D
Acq: 28 Aug 2019 16:48

Tgt Ion:	188	Resp:	518021
Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.2	12.4
80	10.6	8.9	13.3





#65

4,6-Dinitro-2-methylphenol

Concen: 35.414 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

Instrument :

BNA_F

ClientSampled :

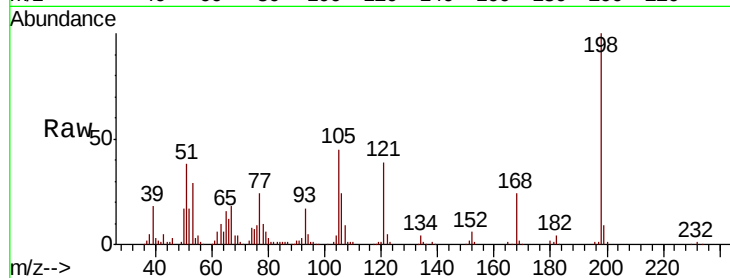
Tot Ion:198 Resp: 97865

Ion Ratio Lower Upper

198 100

51 38.4 21.9 61.9

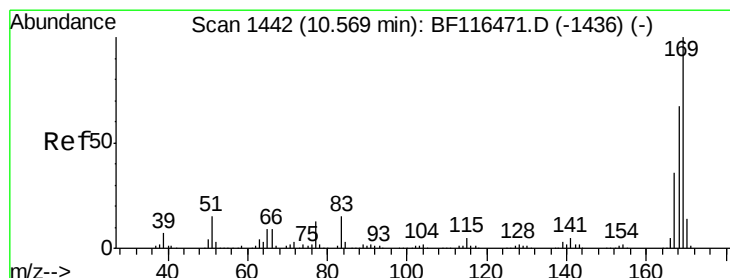
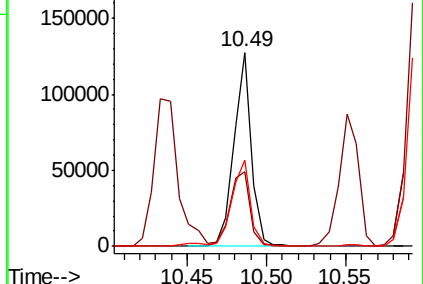
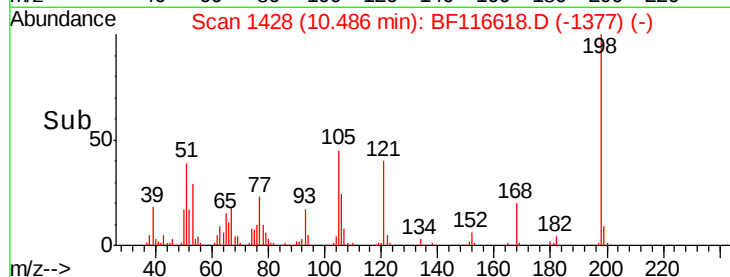
105 44.8 25.2 65.2



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: 34.852 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

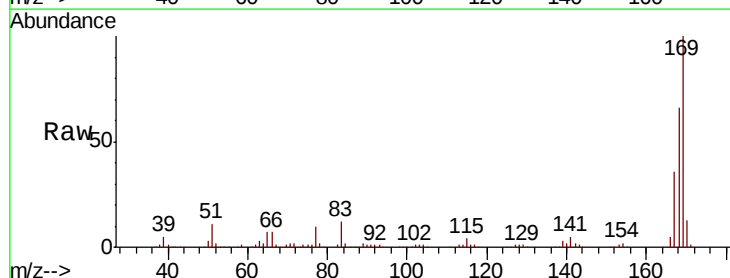
Tgt Ion:169 Resp: 571505

Ion Ratio Lower Upper

169 100

168 66.2 53.8 80.8

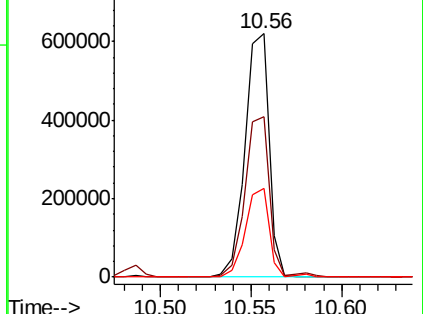
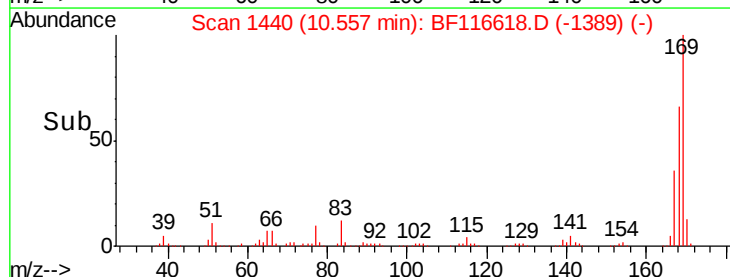
167 36.3 29.3 43.9

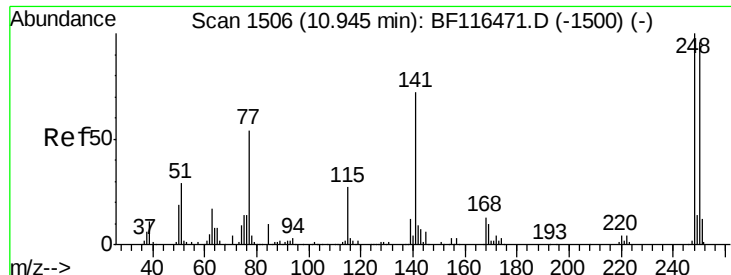


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

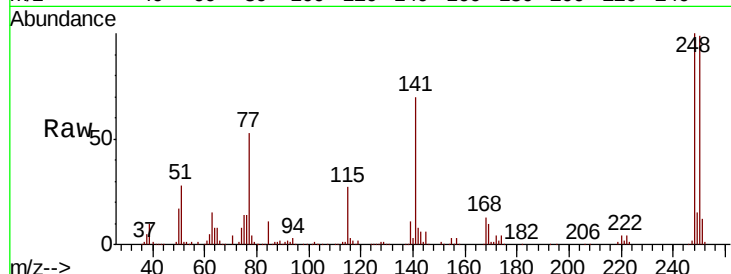




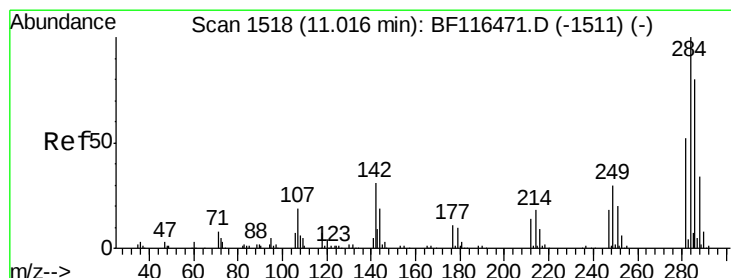
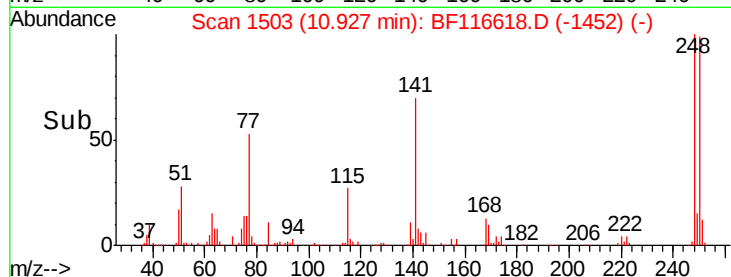
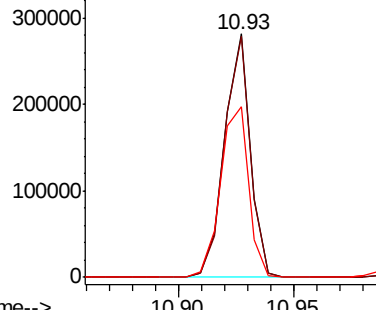
#67
4-Bromophenyl-phenylether
Concen: 40.215 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BF116618.D
Acq: 28 Aug 2019 16:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 220968
Ion Ratio Lower Upper
248 100
250 99.1 76.6 115.0
141 70.1 60.8 91.2

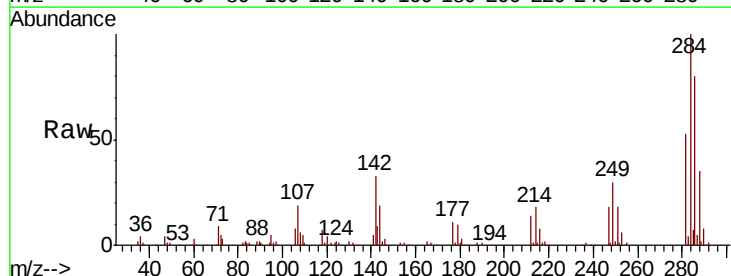


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

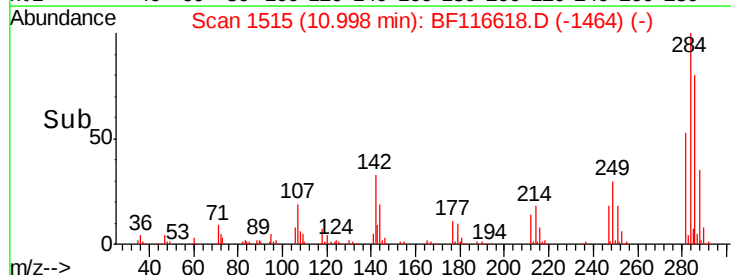
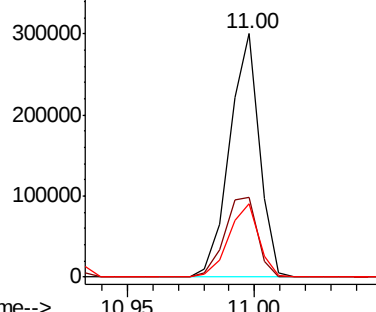


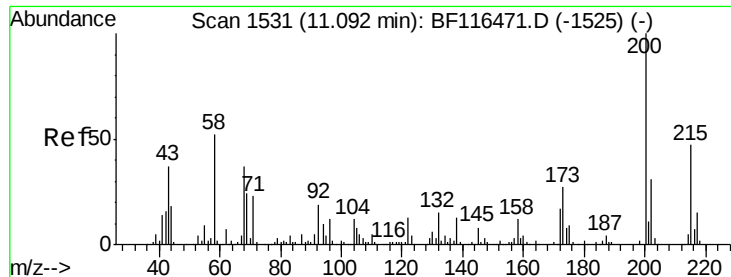
#68
Hexachlorobenzene
Concen: 40.453 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BF116618.D
Acq: 28 Aug 2019 16:48

Tgt Ion:284 Resp: 247471
Ion Ratio Lower Upper
284 100
142 32.6 27.8 41.8
249 30.2 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

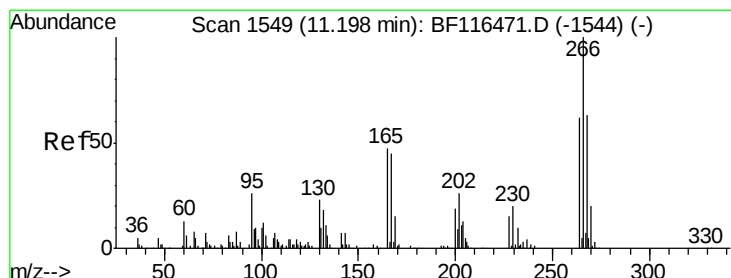
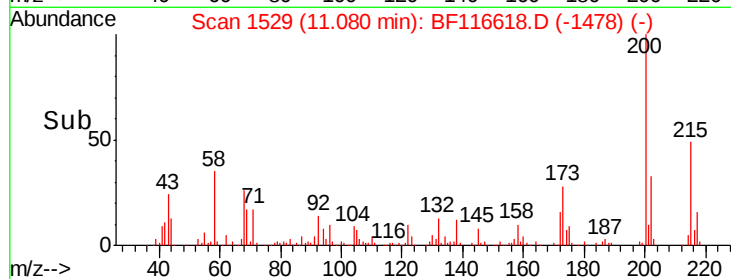
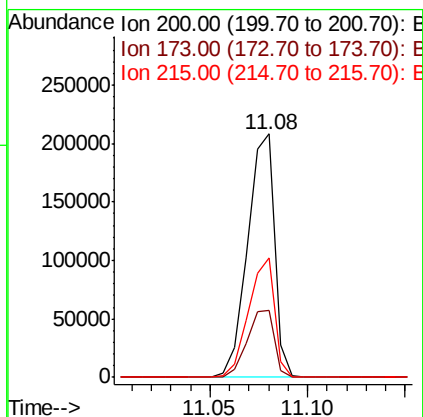
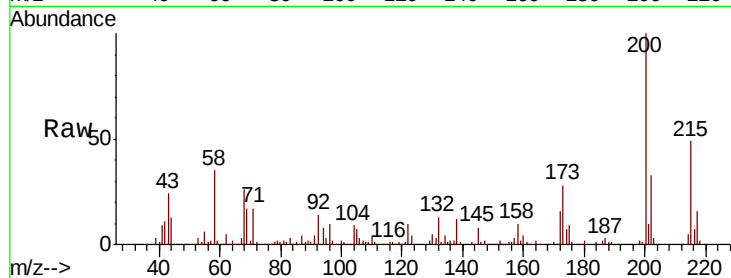




#69
 Atrazine
 Concen: 41.075 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. -0.00 min
 Lab File: BF116618.D
 Acq: 28 Aug 2019 16:48

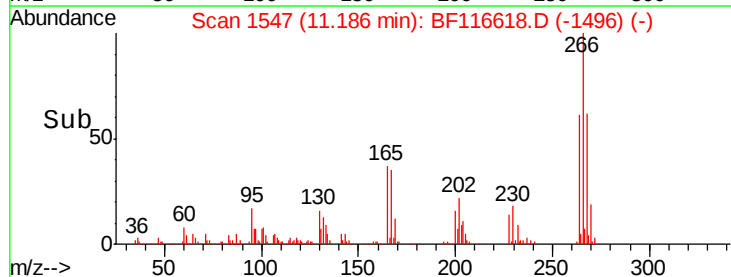
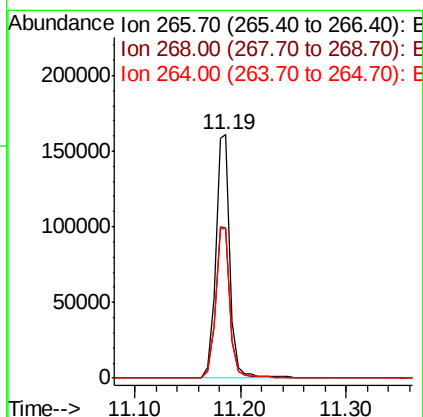
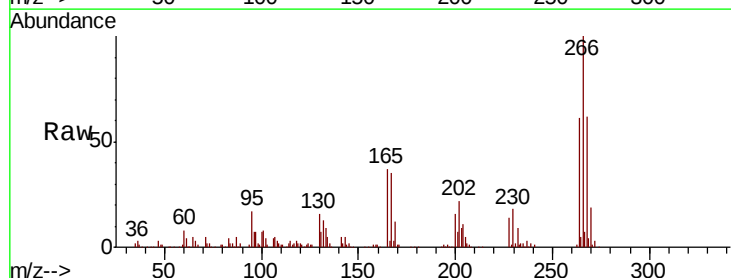
Instrument :
 BNA_F
 ClientSampleId :

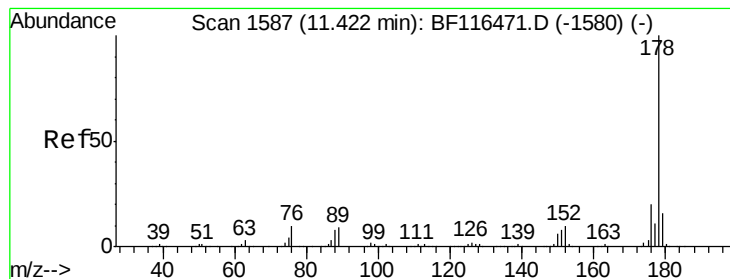
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	6.8	46.8
215	49.2	28.5	68.5



#70
 Pentachlorophenol
 Concen: 41.283 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.00 min
 Lab File: BF116618.D
 Acq: 28 Aug 2019 16:48

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.6	49.8	74.8
264	61.5	49.9	74.9





#71

Phenanthrene

Concen: 39.801 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

Instrument :

BNA_F

ClientSampleId :

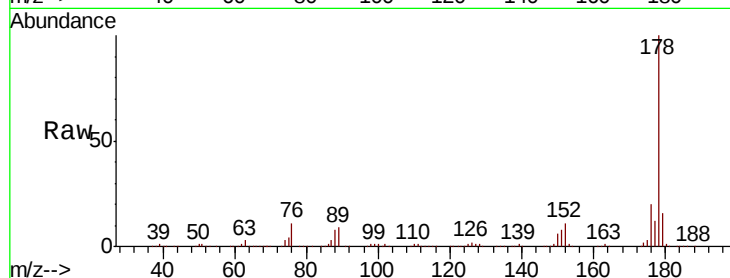
Tot Ion:178 Resp: 1107421

Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

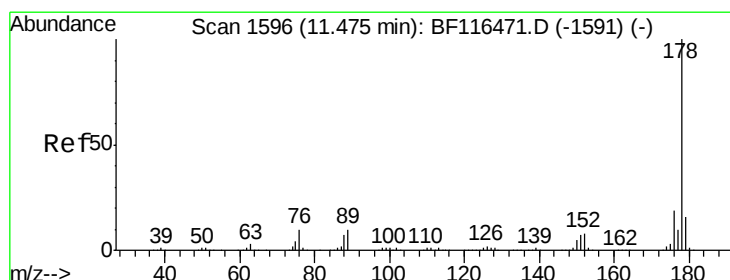
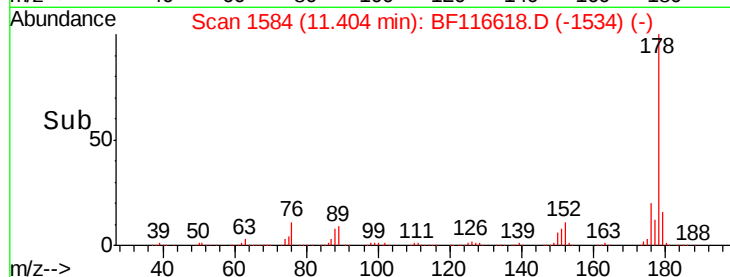
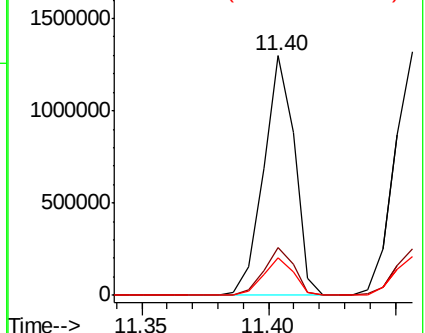
179 15.8 12.4 18.6



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: 40.261 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.00 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

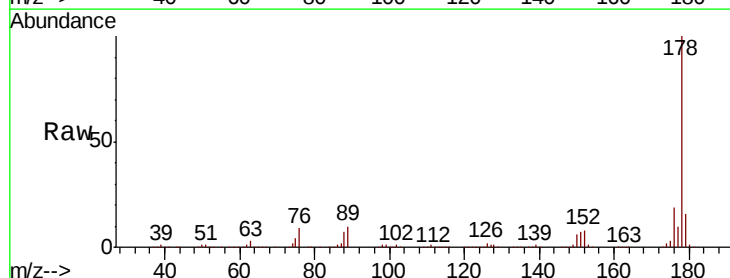
Tgt Ion:178 Resp: 1120096

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

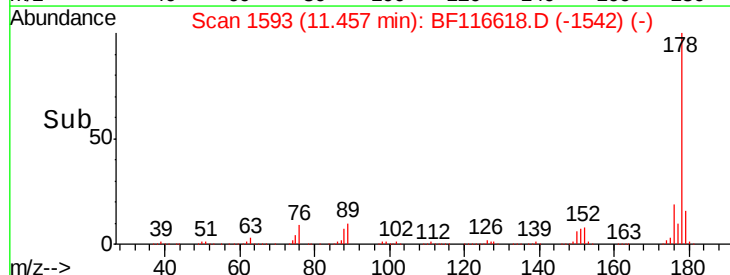
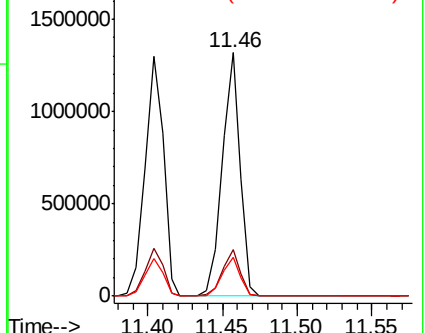
179 15.8 12.7 19.1



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

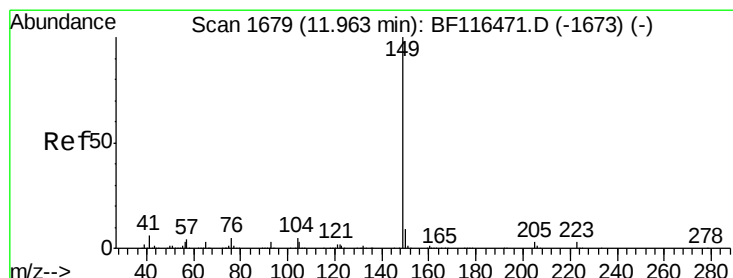
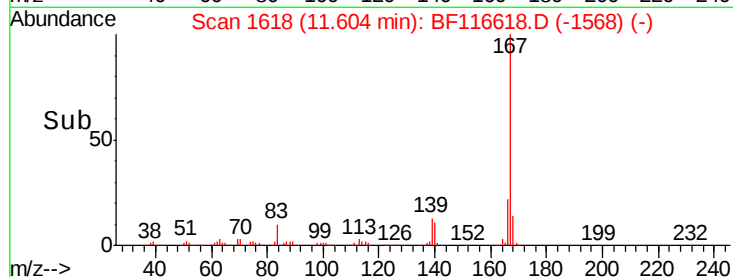
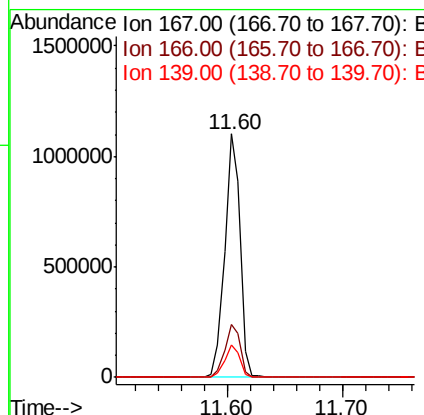
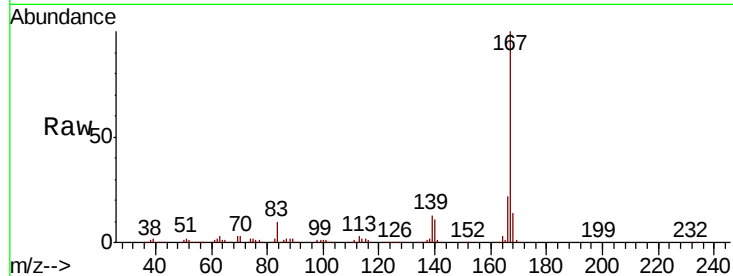




#73
 Carbazole
 Concen: 42.696 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BF116618.D
 Acq: 28 Aug 2019 16:48

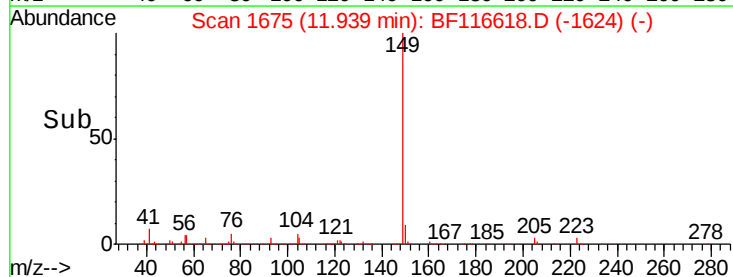
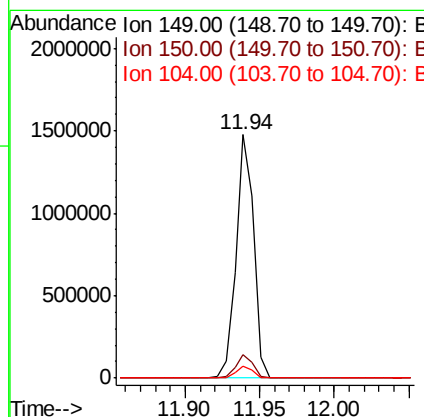
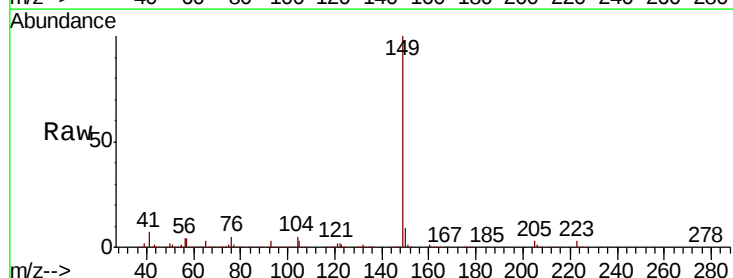
Instrument :
 BNA_F
 ClientSampled :

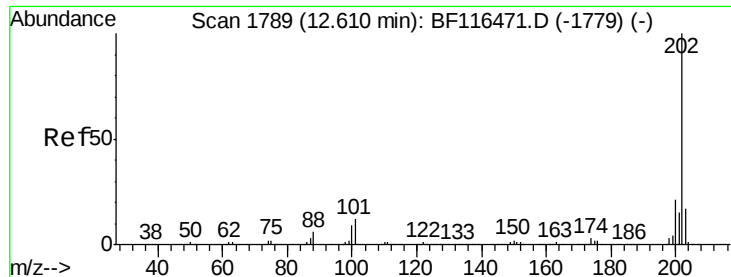
Tot Ion:167 Resp: 1010973
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.9 26.9
 139 13.3 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 44.573 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: BF116618.D
 Acq: 28 Aug 2019 16:48

Tgt Ion:149 Resp: 1223089
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.1 4.2 6.4

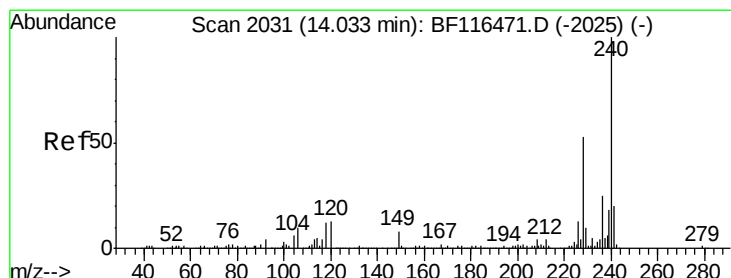
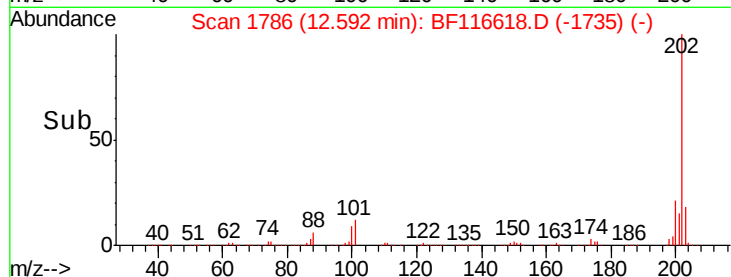
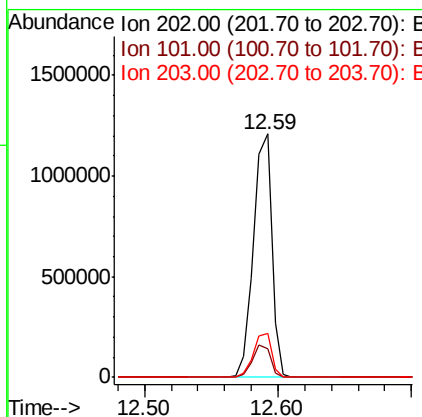
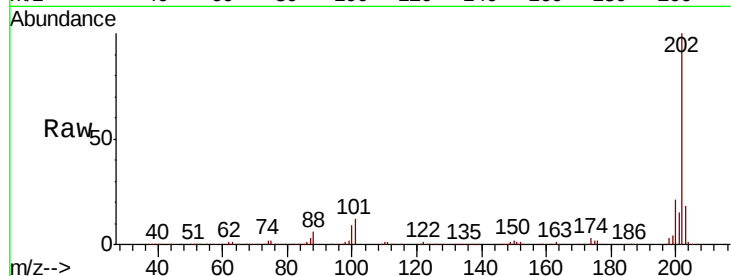




#75
 Fluoranthene
 Concen: 45.416 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BF116618.D
 Acq: 28 Aug 2019 16:48

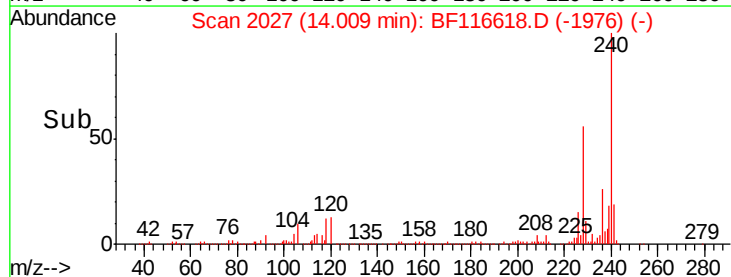
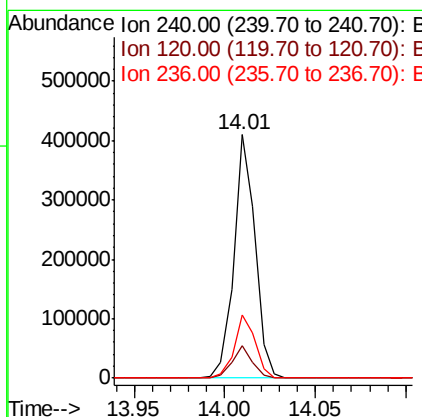
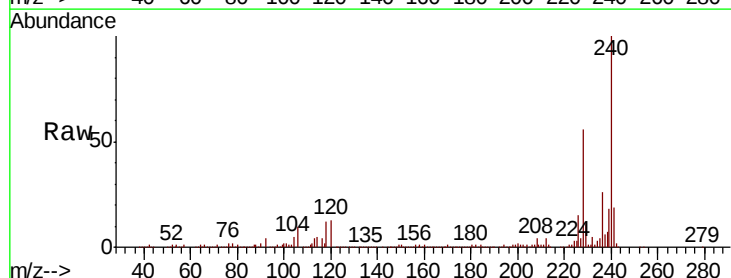
Instrument :
 BNA_F
 ClientSampleId :

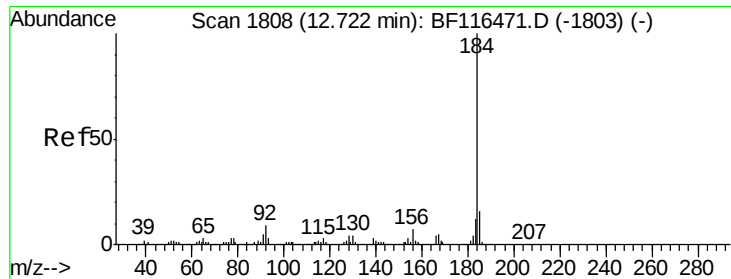
Tot Ion:202 Resp: 1133316
 Ion Ratio Lower Upper
 202 100
 101 11.6 0.0 31.8
 203 17.9 0.0 37.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BF116618.D
 Acq: 28 Aug 2019 16:48

Tgt Ion:240 Resp: 333644
 Ion Ratio Lower Upper
 240 100
 120 13.2 11.3 16.9
 236 25.9 21.4 32.2





#77

Benzidine

Concen: 40.567 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

Instrument :

BNA_F

ClientSampleId :

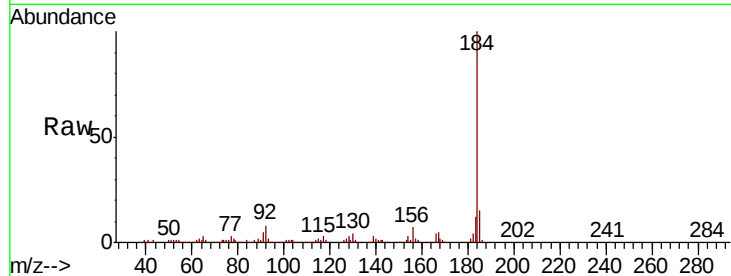
Tot Ion:184 Resp: 489633

Ion Ratio Lower Upper

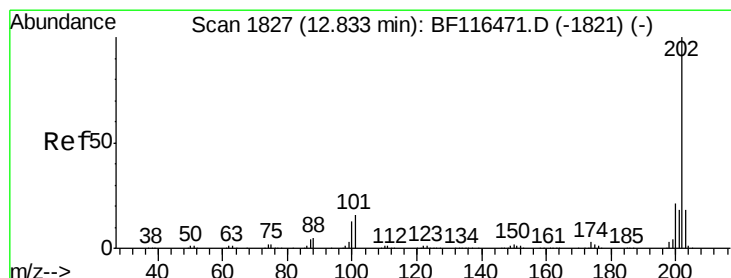
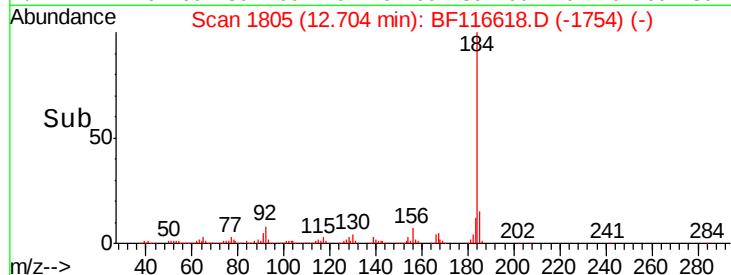
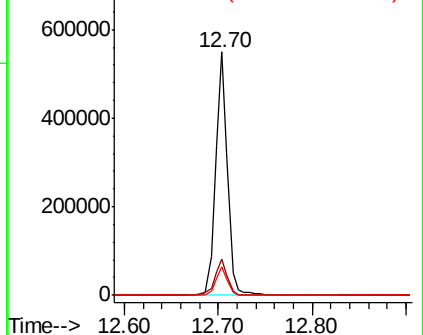
184 100

185 14.8 11.5 17.3

183 11.6 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: 37.490 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

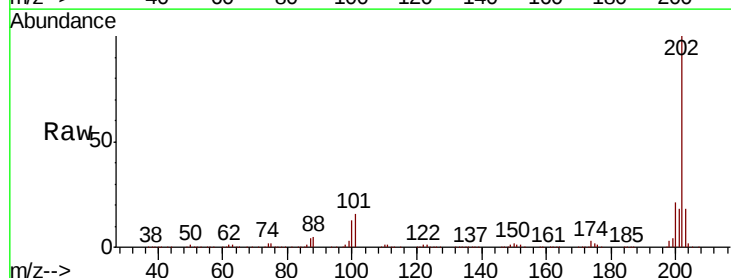
Tgt Ion:202 Resp: 1150180

Ion Ratio Lower Upper

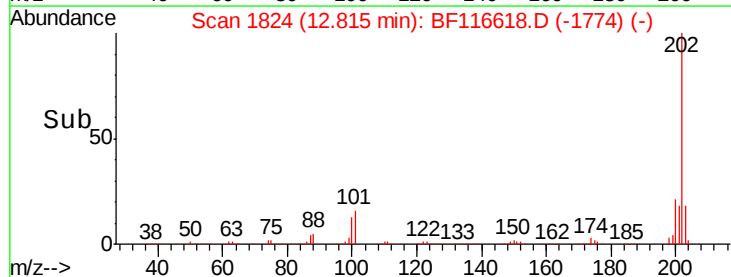
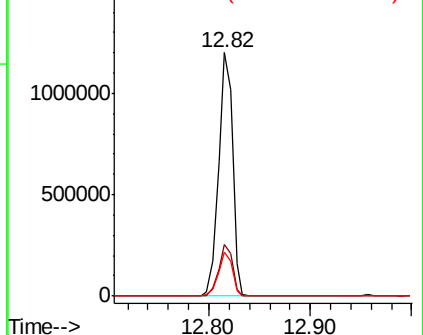
202 100

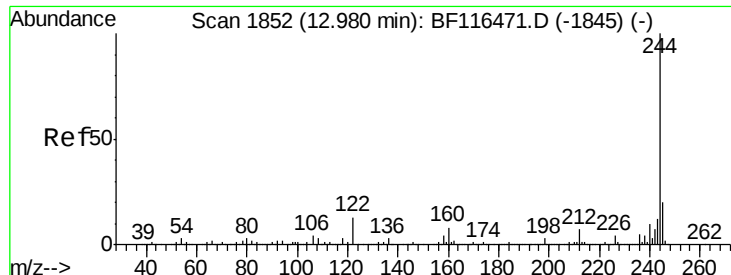
200 21.0 17.4 26.0

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: 73.548 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

Instrument :

BNA_F

ClientSampleId :

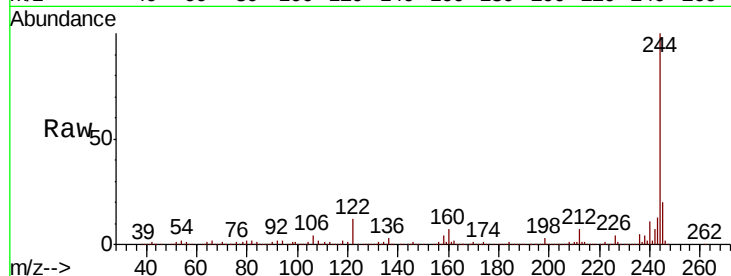
Tot Ion:244 Resp: 1508839

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

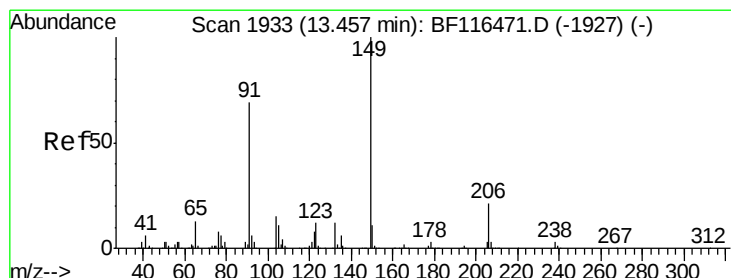
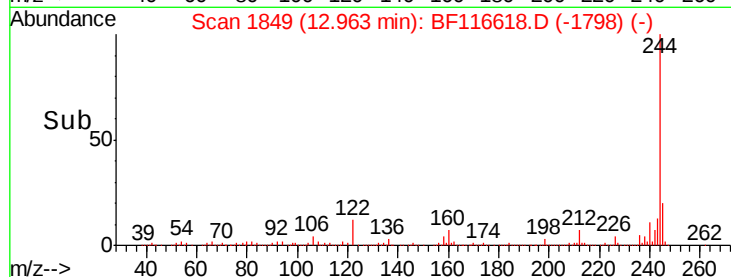
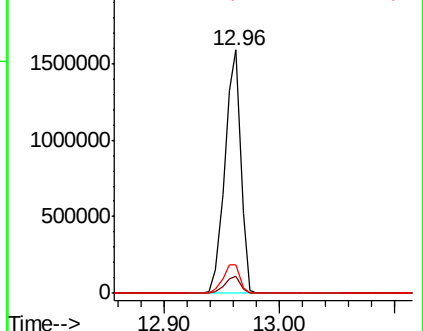
122 11.9 10.0 15.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.554 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

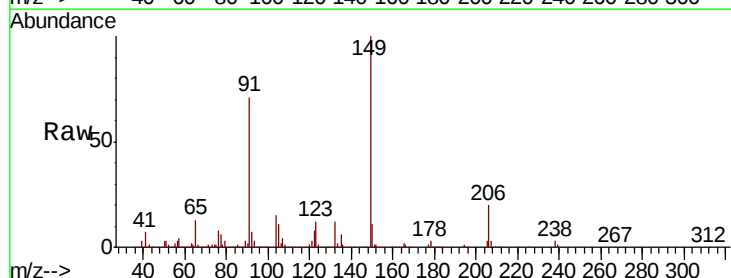
Tgt Ion:149 Resp: 482059

Ion Ratio Lower Upper

149 100

91 71.2 57.9 86.9

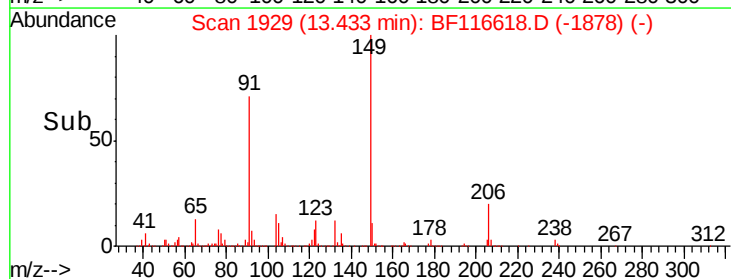
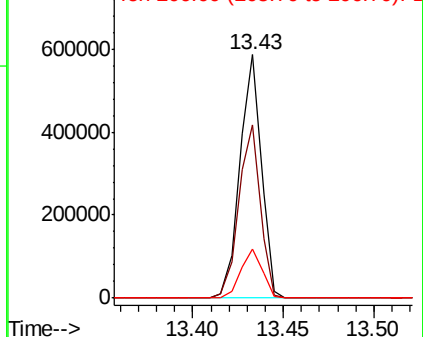
206 20.3 16.2 24.4

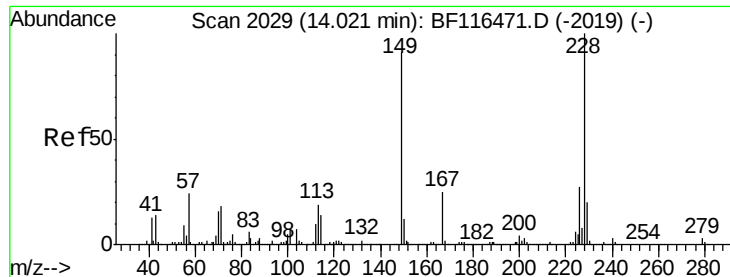


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.653 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

Instrument :

BNA_F

ClientSampled :

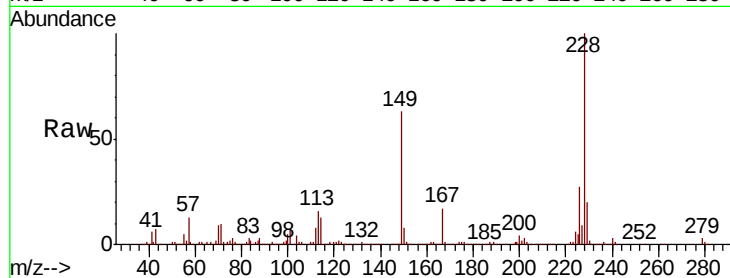
Tot Ion:228 Resp: 859802

Ion Ratio Lower Upper

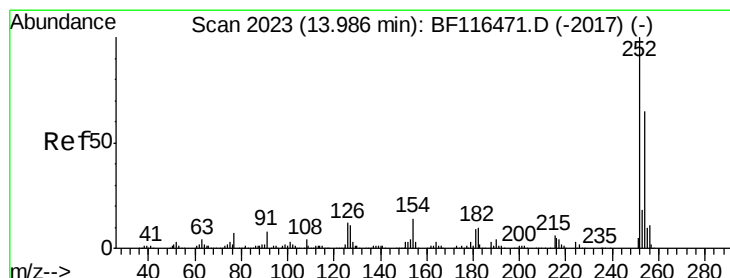
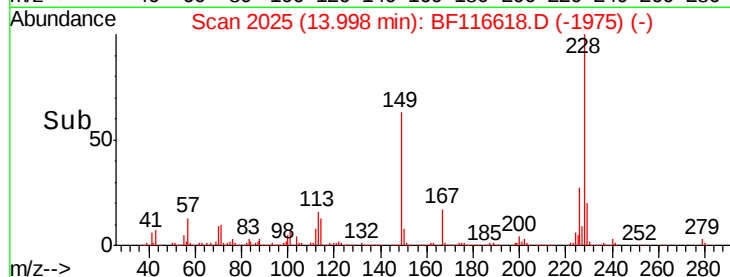
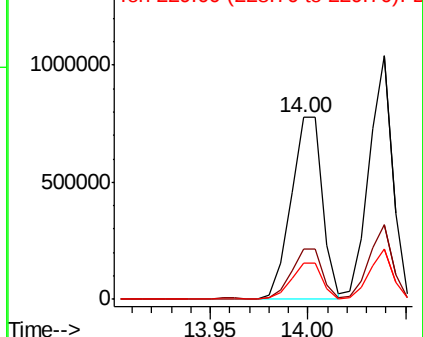
228 100

226 27.3 21.5 32.3

229 20.0 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: 43.592 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

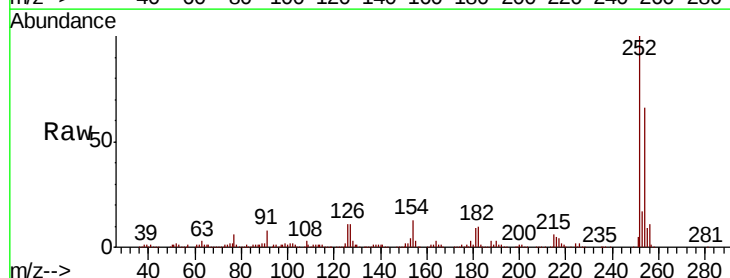
Tgt Ion:252 Resp: 315542

Ion Ratio Lower Upper

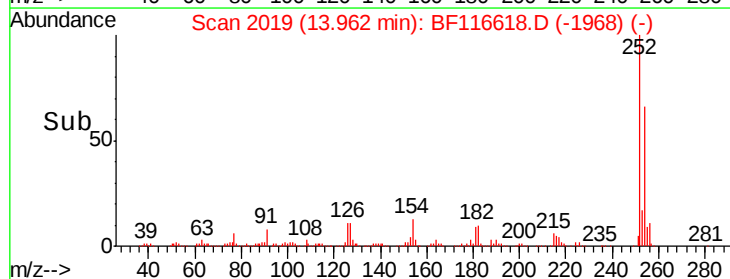
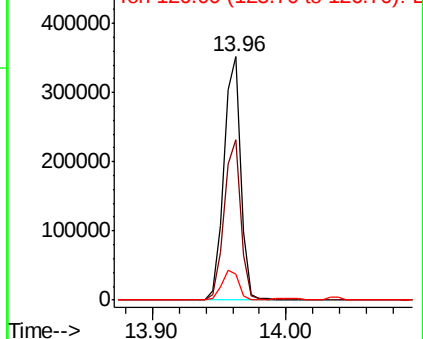
252 100

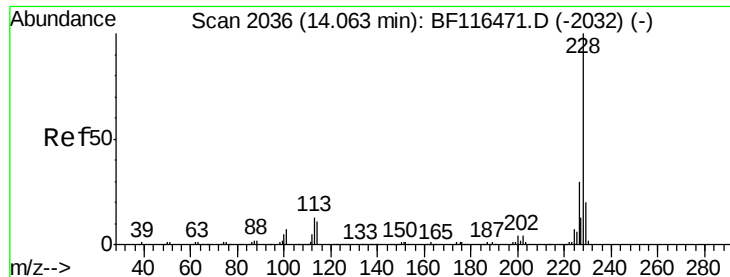
254 65.9 51.9 77.9

126 10.8 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

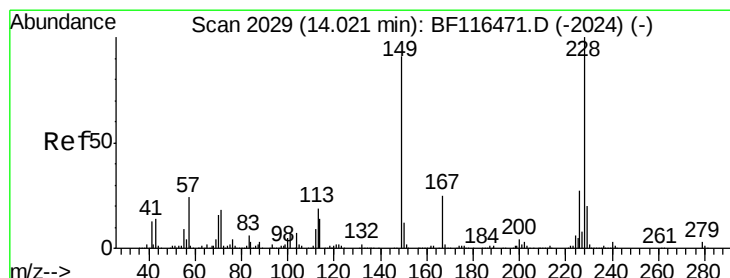
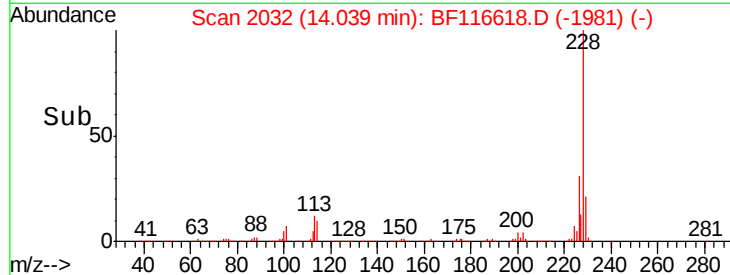
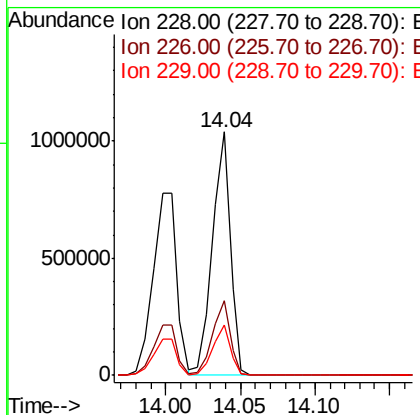
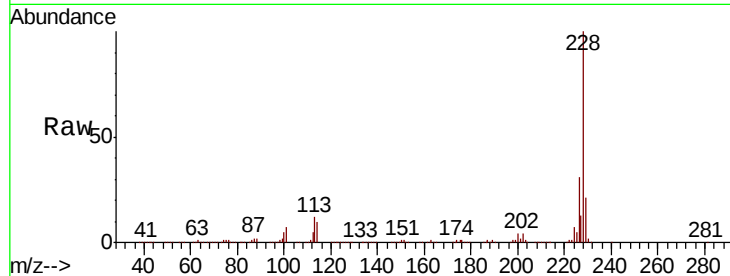




#83
 Chrvsene
 Concen: 39.860 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BF116618.D
 Acq: 28 Aug 2019 16:48

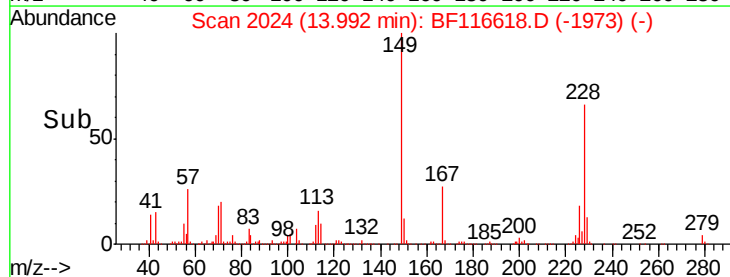
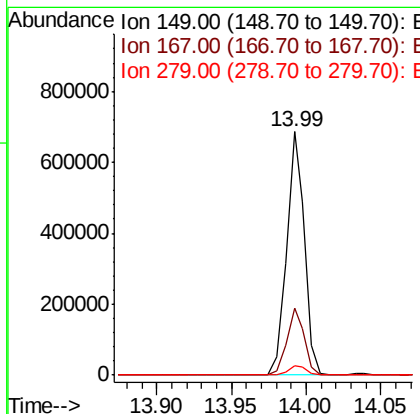
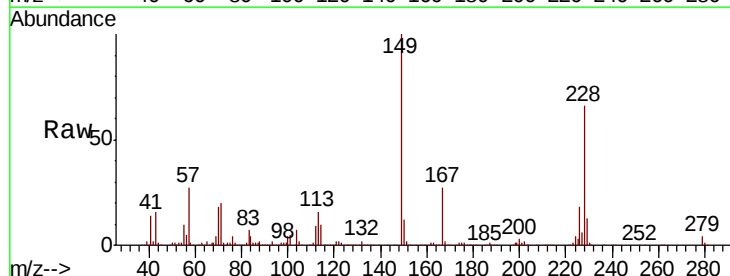
Instrument :
 BNA_F
 ClientSampleId :

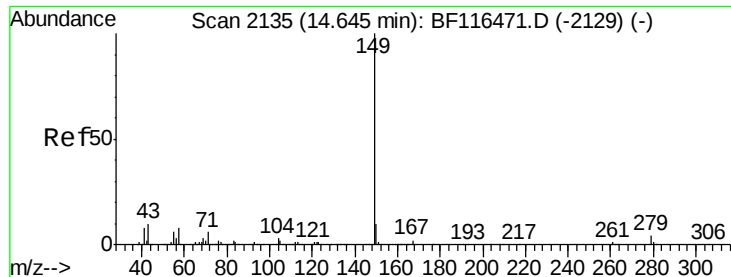
Tot Ion:228 Resp: 868011
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.0 36.0
 229 20.5 15.8 23.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.497 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BF116618.D
 Acq: 28 Aug 2019 16:48

Tgt Ion:149 Resp: 578441
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.2 31.8
 279 3.6 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 44.546 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

Instrument :

BNA_F

ClientSampleId :

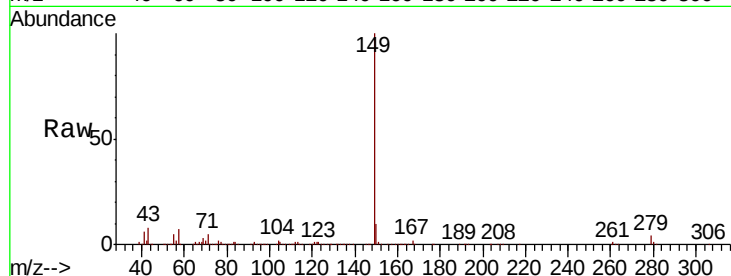
Tot Ion:149 Resp: 905707

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

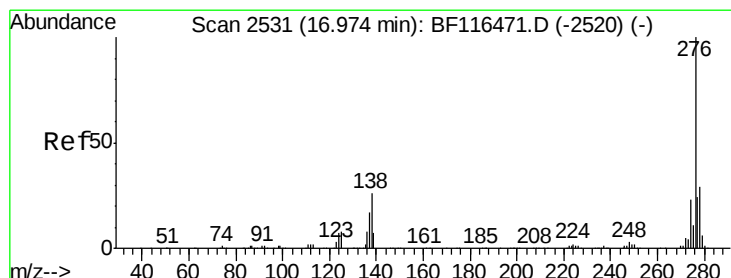
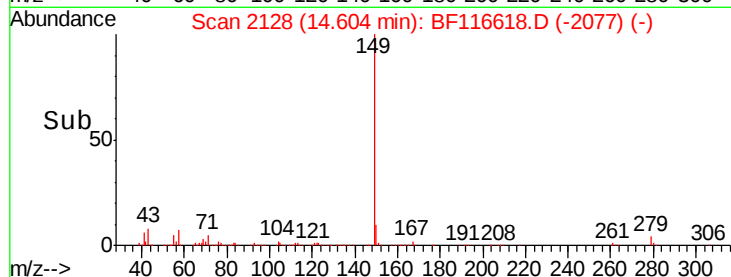
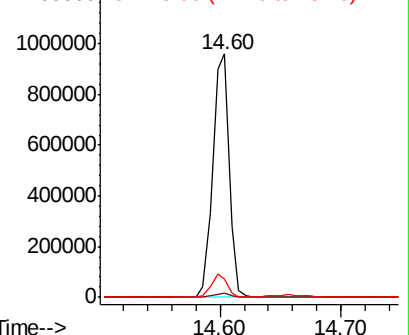
43 8.7 7.4 11.0



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: 36.675 ng

RT: 16.92 min Scan# 2521

Delta R.T. -0.01 min

Lab File: BF116618.D

Acq: 28 Aug 2019 16:48

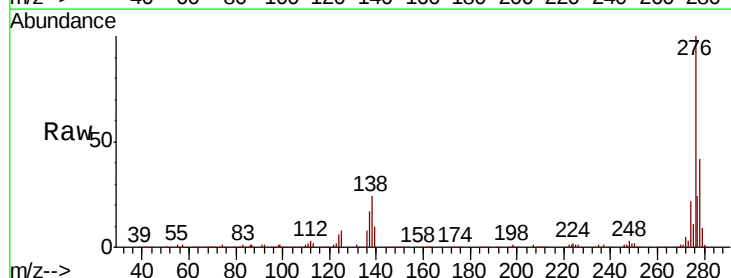
Tgt Ion:276 Resp: 658078

Ion Ratio Lower Upper

276 100

138 27.3 21.5 32.3

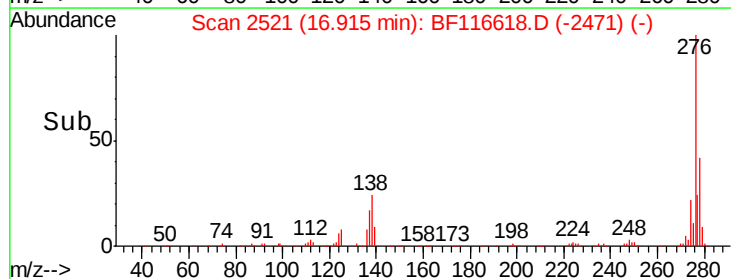
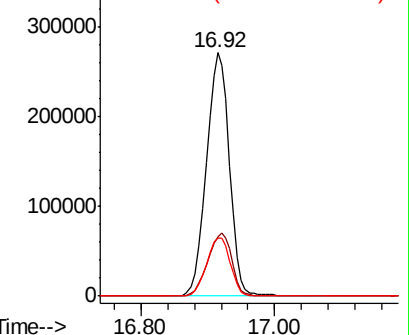
277 24.8 20.0 30.0

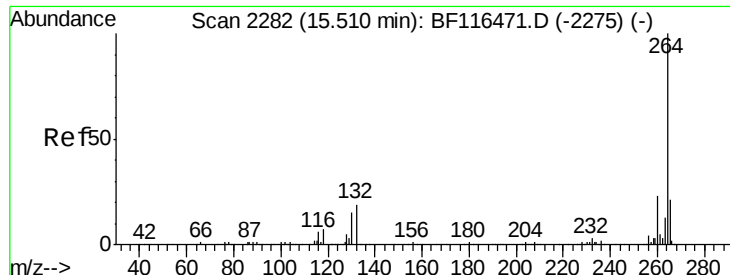


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

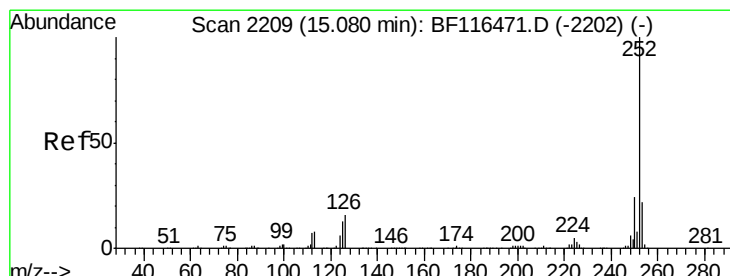
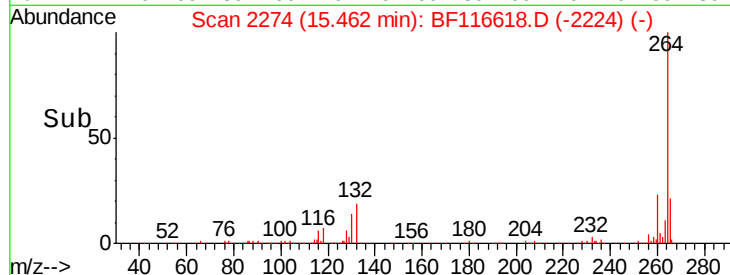
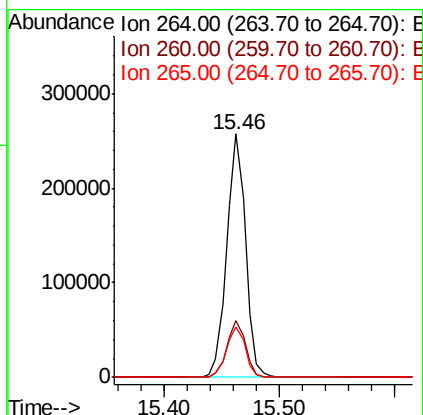
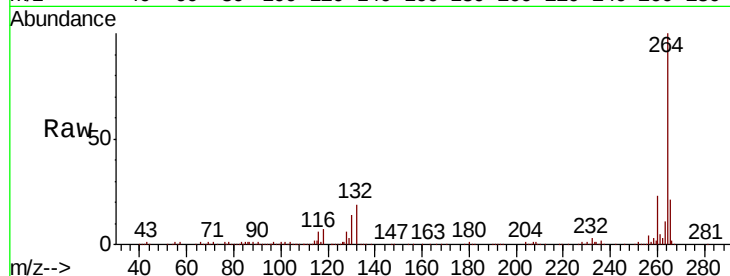




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116618.D
Acq: 28 Aug 2019 16:48

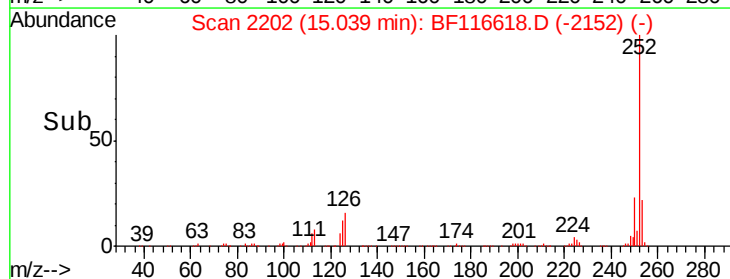
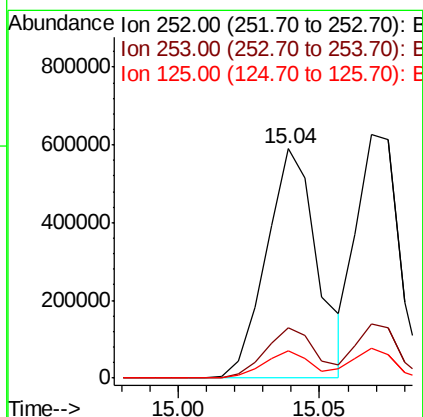
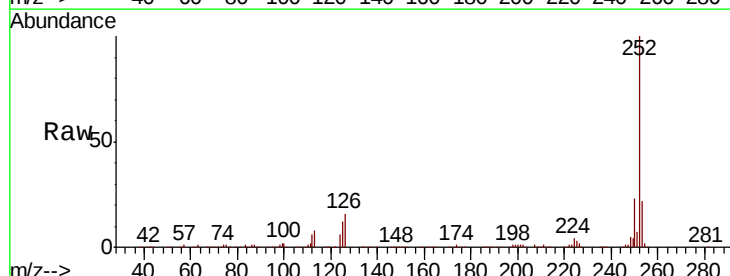
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 289411
Ion Ratio Lower Upper
264 100
260 23.3 20.0 30.0
265 20.6 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 41.757 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF116618.D
Acq: 28 Aug 2019 16:48

Tgt Ion:252 Resp: 742142
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 11.9 9.0 13.6

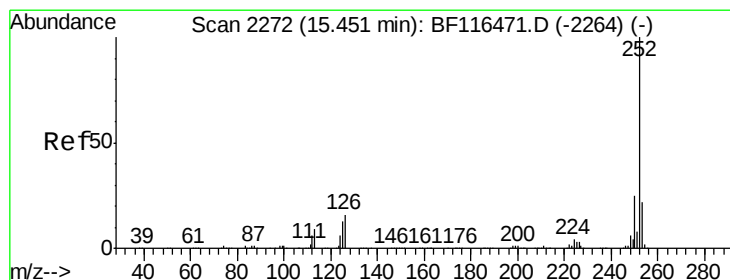
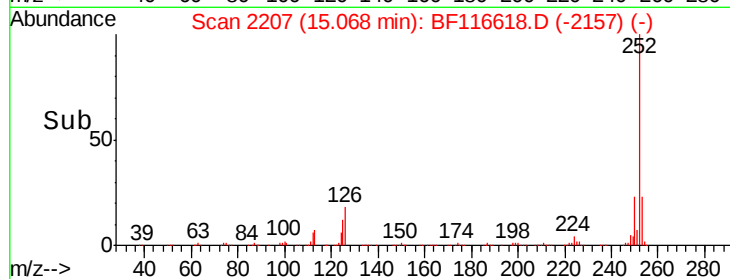
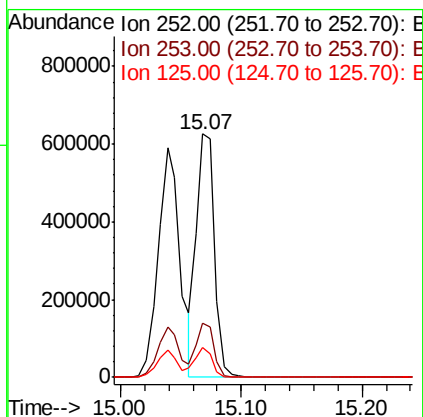
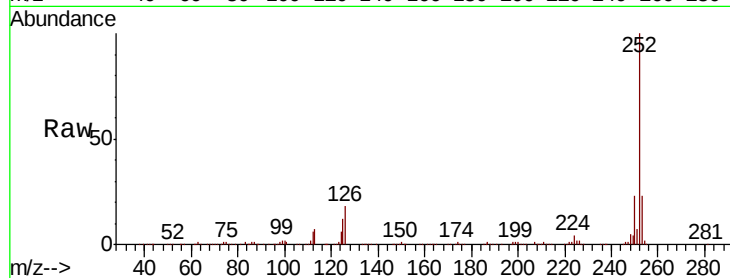




#89
Benzo(k)fluoranthene
Concen: 38.763 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116618.D
Acq: 28 Aug 2019 16:48

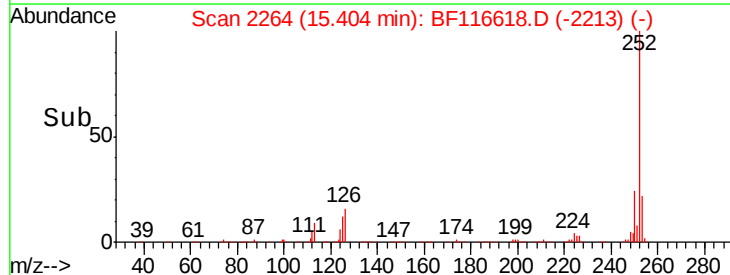
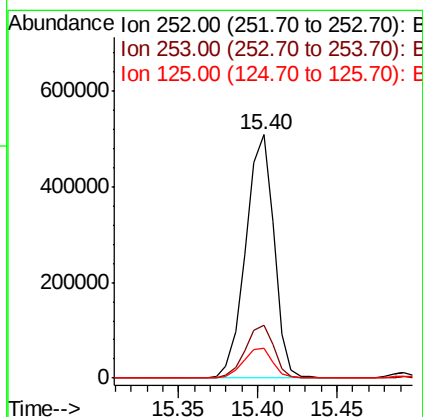
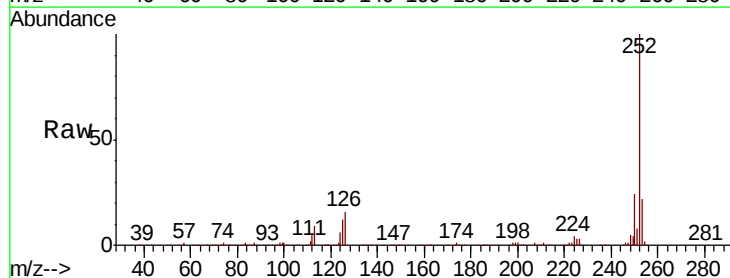
Instrument :
BNA_F
ClientSampleId :

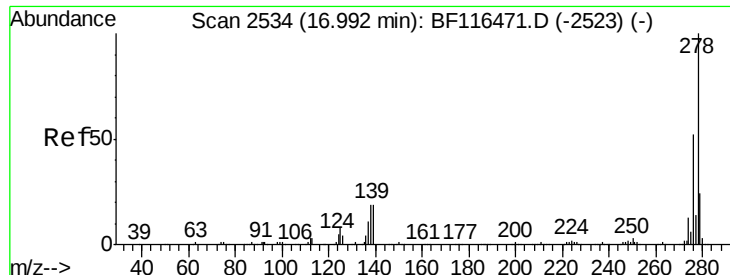
Tot Ion:252 Resp: 654860
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 12.2 8.6 13.0



#90
Benzo(a)pyrene
Concen: 39.931 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.00 min
Lab File: BF116618.D
Acq: 28 Aug 2019 16:48

Tgt Ion:252 Resp: 633386
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 12.0 10.6 16.0

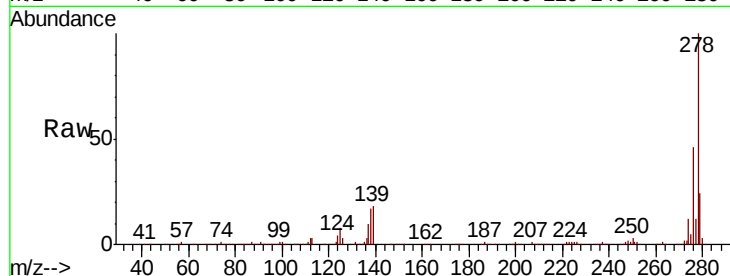




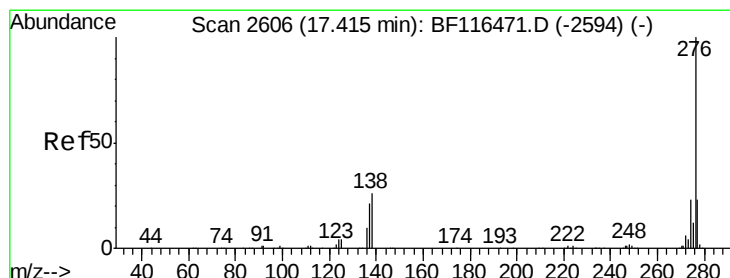
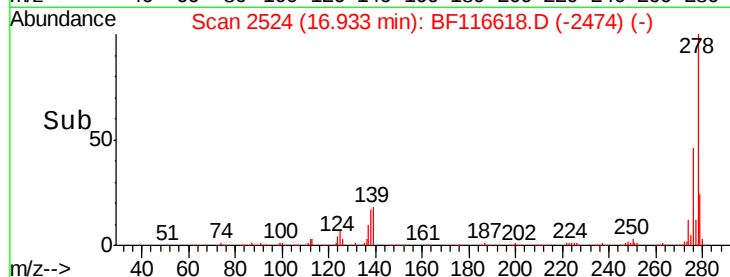
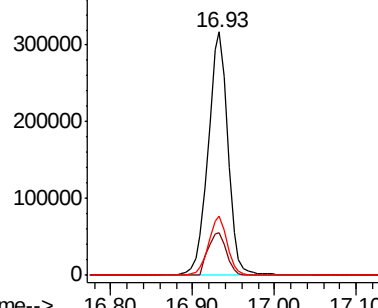
#91
Dibenzo(a,h)anthracene
Concen: 36.243 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.01 min
Lab File: BF116618.D
Acq: 28 Aug 2019 16:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.1	21.1
279	24.3	19.5	29.3

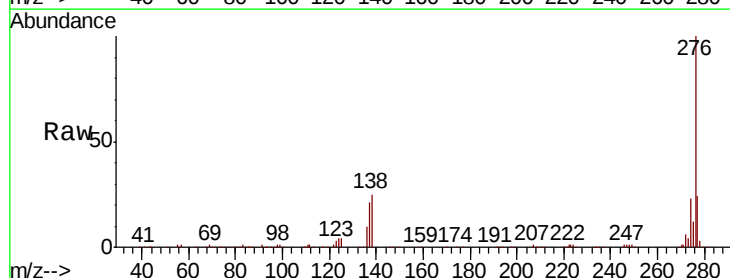


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 34.381 ng
RT: 17.35 min Scan# 2595
Delta R.T. -0.01 min
Lab File: BF116618.D
Acq: 28 Aug 2019 16:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	25.2	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

