

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116610.D
 Acq On : 28 Aug 2019 11:44
 Operator : HP/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 12:21:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 11:25:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	117537	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	482125	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	247106	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	416371	20.00	ng	0.00
76) Chrysene-d12	14.02	240	210506	20.00	ng	0.00
87) Perylene-d12	15.47	264	202994	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1128031	140.23	ng	0.00
7) Phenol-d6	6.50	99	1396579	141.59	ng	0.01
23) Nitrobenzene-d5	7.44	82	1347916	152.96	ng	0.01
42) 2,4,6-Tribromophenol	10.69	330	348789	164.38	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	2182608	142.24	ng	0.00
79) Terphenyl-d14	12.97	244	1948513	172.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	251393	72.180	ng	99
3) Pyridine	3.39	79	753879	71.078	ng	99
4) n-Nitrosodimethylamine	3.35	42	282054	72.846	ng	98
6) Aniline	6.54	93	953641	71.416	ng	100
8) 2-Chlorophenol	6.66	128	595990	70.602	ng	98
9) Benzaldehyde	6.42	77	352962	53.558	ng	97
10) Phenol	6.52	94	793716	74.104	ng	90
11) bis(2-Chloroethyl)ether	6.61	93	581228	71.271	ng	97
12) 1,3-Dichlorobenzene	6.82	146	674716	73.846	ng	98
13) 1,4-Dichlorobenzene	6.89	146	684878	77.883	ng	98
14) 1,2-Dichlorobenzene	7.05	146	632067	76.192	ng	98
15) Benzyl Alcohol	7.01	79	557767	69.877	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	774889	68.721	ng	99
17) 2-Methylphenol	7.12	107	518523	74.137	ng	98
18) Hexachloroethane	7.39	117	261420	76.225	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	447167	66.440	ng	99
20) 3+4-Methylphenols	7.28	107	613236	71.574	ng	# 90
22) Acetophenone	7.28	105	863394	71.616	ng	# 90
24) Nitrobenzene	7.46	77	691589	75.781	ng	98
25) Isophorone	7.70	82	1223137	70.432	ng	100
26) 2-Nitrophenol	7.77	139	333022	99.901	ng	100
27) 2,4-Dimethylphenol	7.80	122	485462	69.796	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	751624	70.084	ng	98
29) 2,4-Dichlorophenol	8.01	162	515862	77.987	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	583563	78.366	ng	99
31) Naphthalene	8.17	128	1711921	73.400	ng	98
32) Benzoic acid	7.95	122	423692	95.285	ng	99
33) 4-Chloroaniline	8.22	127	759129	74.143	ng	99
34) Hexachlorobutadiene	8.30	225	326810	80.472	ng	99
35) Caprolactam	8.60	113	141523	61.423	ng	97
36) 4-Chloro-3-methylphenol	8.70	107	548892	73.544	ng	97
37) 2-Methylnaphthalene	8.86	142	1142278	71.331	ng	97
38) 1-Methylnaphthalene	8.96	142	1070159	71.539	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	518250	77.953	ng	99

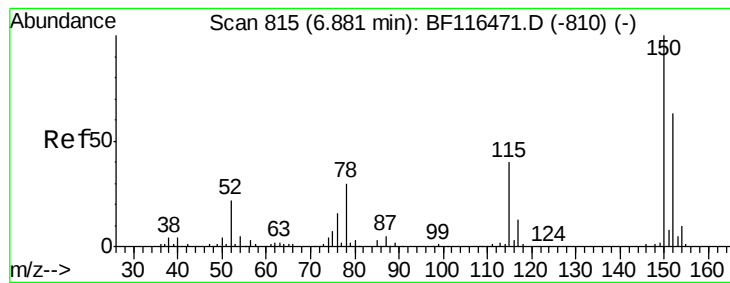
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	309200	86.443	nq	98
43) 2,4,6-Trichlorophenol	9.14	196	372223	79.997	nq	98
44) 2,4,5-Trichlorophenol	9.18	196	376535	79.532	nq	97
46) 1,1'-Biphenyl	9.33	154	1438409	72.807	nq	98
47) 2-Chloronaphthalene	9.36	162	1137430	74.263	nq	98
48) 2-Nitroaniline	9.45	65	368465	78.570	nq	95
49) Acenaphthylene	9.77	152	1631656	72.814	nq	99
50) Dimethylphthalate	9.63	163	1266162	73.440	nq	100
51) 2,6-Dinitrotoluene	9.69	165	284432	80.601	nq	89
52) Acenaphthene	9.94	154	1086819	75.584	nq	97
53) 3-Nitroaniline	9.86	138	335414	79.737	nq	98
54) 2,4-Dinitrophenol	9.96	184	154926	139.631	nq	# 32
55) Dibenzofuran	10.11	168	1456005	72.641	nq	99
56) 4-Nitrophenol	10.01	139	255397	78.115	nq	98
57) 2,4-Dinitrotoluene	10.09	165	377189	83.999	nq	92
58) Fluorene	10.45	166	1091540	70.093	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	302587	77.838	nq	97
60) Diethylphthalate	10.33	149	1205892	71.164	nq	100
61) 4-Chlorophenyl-phenylether	10.45	204	541222	71.240	nq	98
62) 4-Nitroaniline	10.47	138	332726	80.876	nq	96
63) Azobenzene	10.60	77	1213992	69.677	nq	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	188198	123.721	nq	98
66) n-Nitrosodiphenylamine	10.56	169	993083	73.660	nq	100
67) 4-Bromophenyl-phenylether	10.93	248	338791	77.612	nq	98
68) Hexachlorobenzene	11.00	284	378701	78.438	nq	99
69) Atrazine	11.09	200	288645	71.457	nq	97
70) Pentachlorophenol	11.19	266	231303	82.113	nq	99
71) Phenanthrene	11.41	178	1624710	71.629	nq	98
72) Anthracene	11.46	178	1635520	71.757	nq	99
73) Carbazole	11.61	167	1418614	69.340	nq	99
74) Di-n-butylphthalate	11.95	149	1703486	67.194	nq	100
75) Fluoranthene	12.59	202	1546612	65.953	nq	96
77) Benzidine	12.70	184	506763	59.835	nq	97
78) Pyrene	12.82	202	1539657	91.459	nq	100
80) Butylbenzylphthalate	13.43	149	596464	82.042	nq	96
81) Benzo(a)anthracene	14.00	228	1056637	77.502	nq	98
82) 3,3'-Dichlorobenzidine	13.96	252	348063	71.639	nq	# 97
83) Chrysene	14.04	228	1056806	76.476	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	683383	70.492	nq	98
85) Di-n-octyl phthalate	14.61	149	1044017	63.434	nq	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	1102486	93.137	nq	99
88) Benzo(b)fluoranthene	15.05	252	918707	73.262	nq	99
89) Benzo(k)fluoranthene	15.08	252	897559	79.006	nq	97
90) Benzo(a)pyrene	15.42	252	861484	77.731	nq	99
91) Dibenzo(a,h)anthracene	16.96	278	890236	97.753	nq	99
92) Benzo(g,h,i)perylene	17.38	276	914110	105.286	nq	99

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

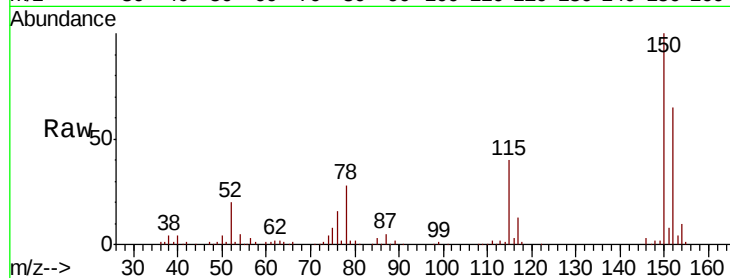


#1

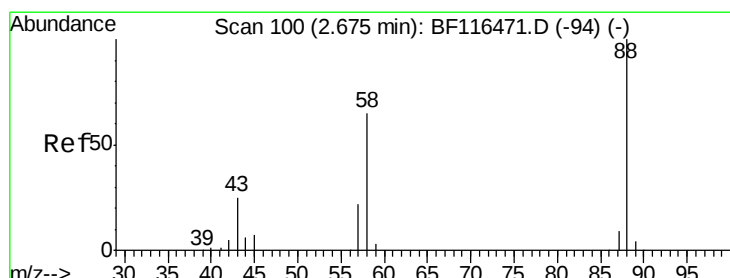
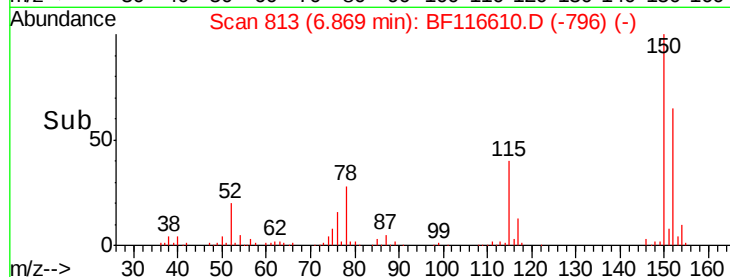
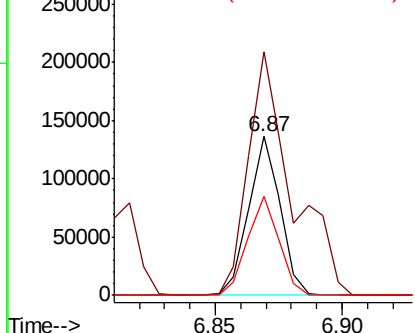
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 117537
Ion Ratio Lower Upper
152 100
150 153.1 123.4 185.2
115 62.0 48.2 72.2



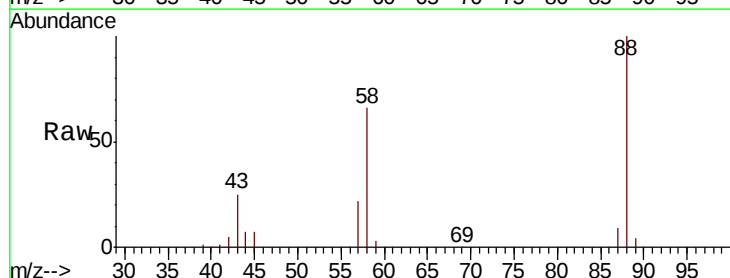
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



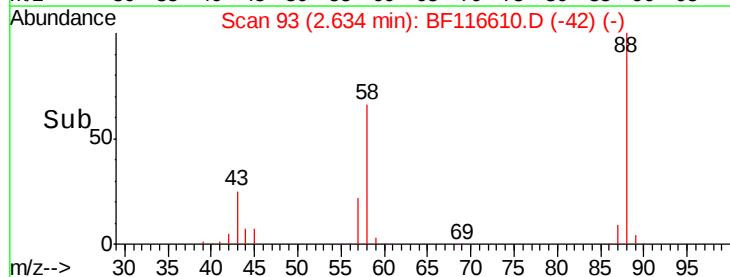
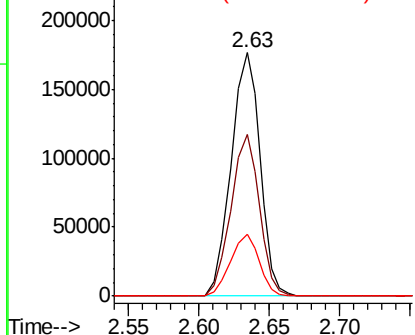
#2

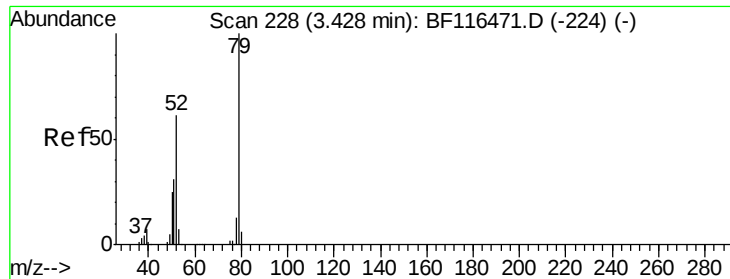
1,4-Dioxane
Concen: 72.180 ng
RT: 2.63 min Scan# 93
Delta R.T. 0.00 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion: 88 Resp: 251393
Ion Ratio Lower Upper
88 100
58 65.2 51.8 77.8
43 25.4 20.2 30.2



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





#3

Pvridine

Concen: 71.078 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

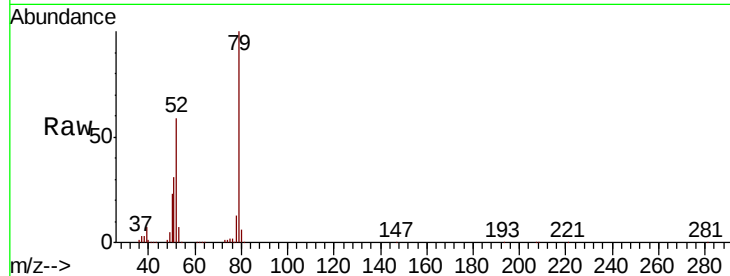
Tot Ion: 79 Resp: 753879

Ion Ratio Lower Upper

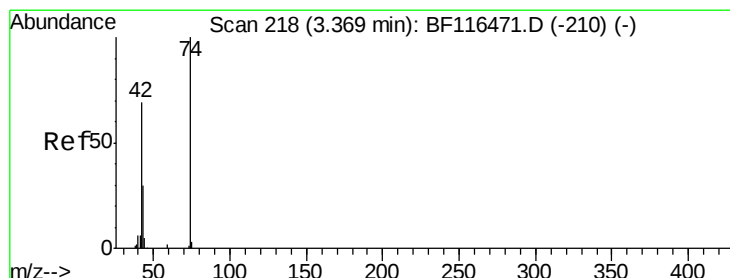
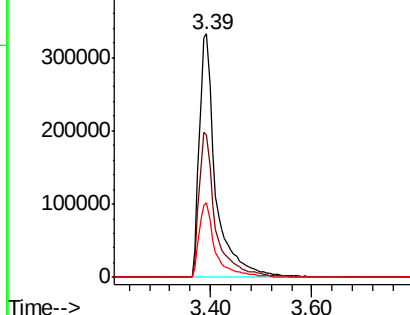
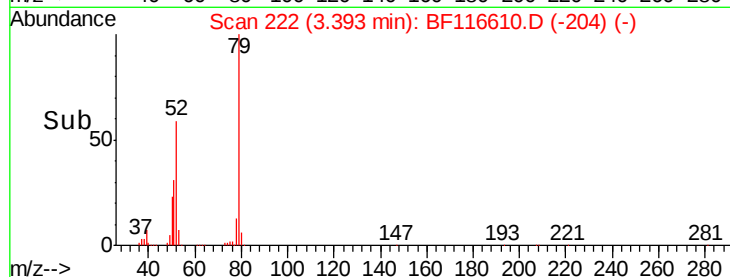
79 100

52 58.6 47.9 71.9

51 30.5 24.4 36.6



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 72.846 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.02 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

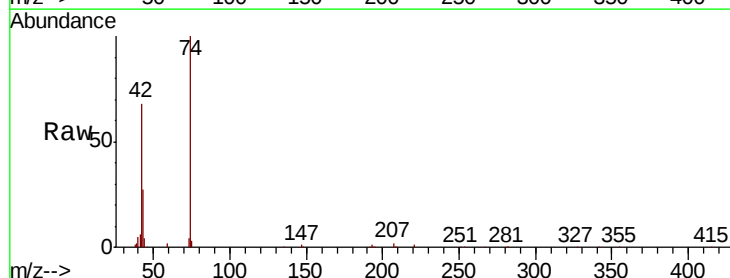
Tgt Ion: 42 Resp: 282054

Ion Ratio Lower Upper

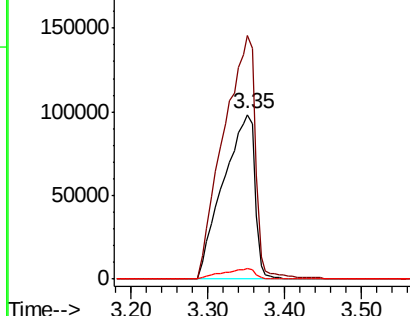
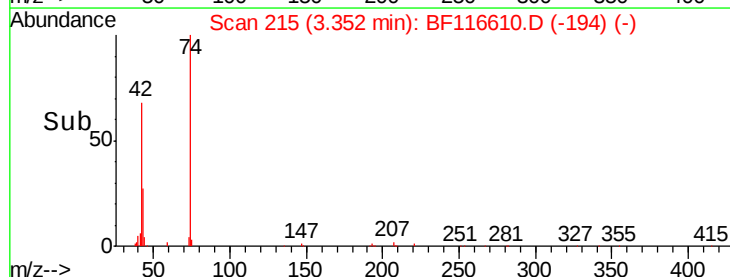
42 100

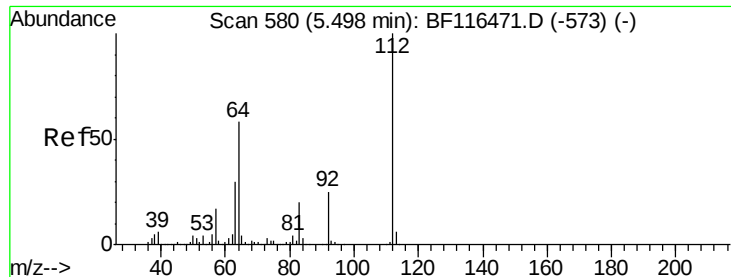
74 147.8 120.0 180.0

44 6.1 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 140.230 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

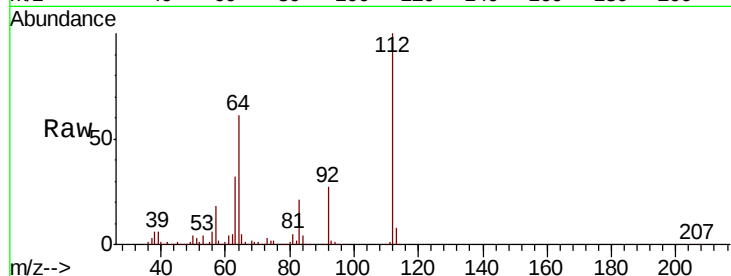
Tot Ion:112 Resp: 1128031

Ion Ratio Lower Upper

112 100

64 61.1 48.0 72.0

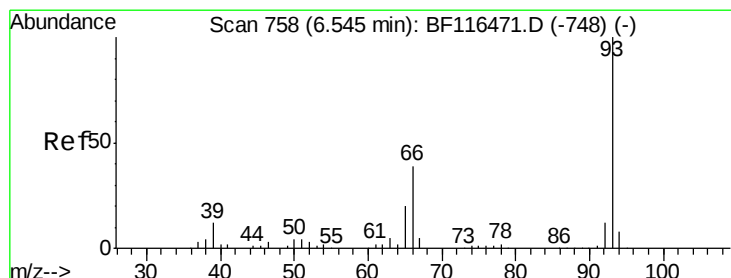
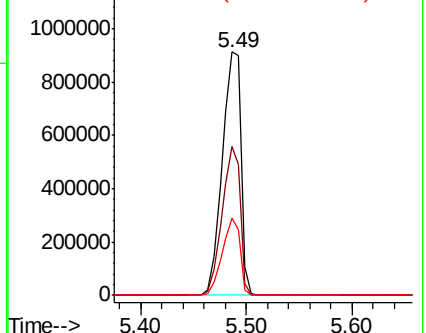
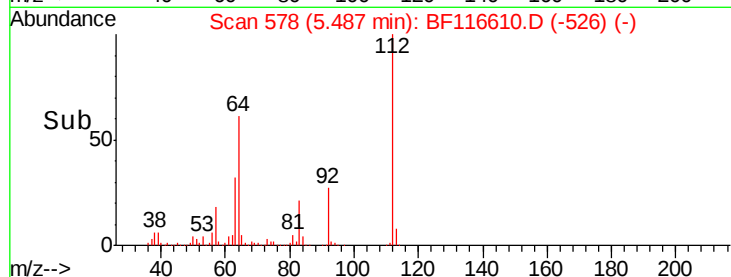
63 31.7 24.6 36.8



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: 71.416 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

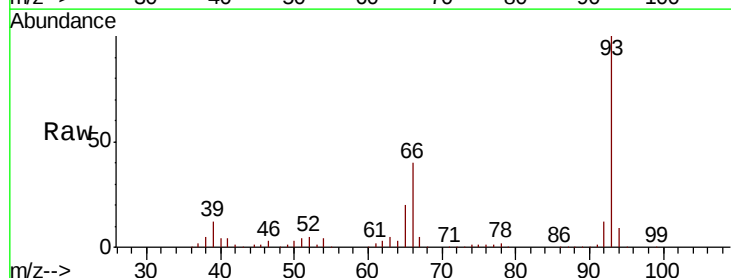
Tgt Ion: 93 Resp: 953641

Ion Ratio Lower Upper

93 100

66 39.8 32.1 48.1

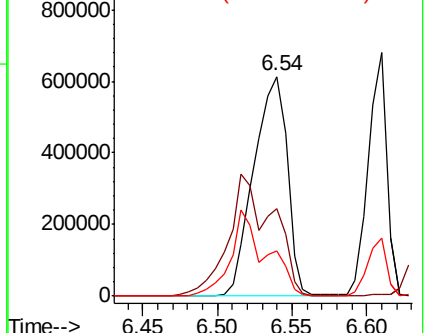
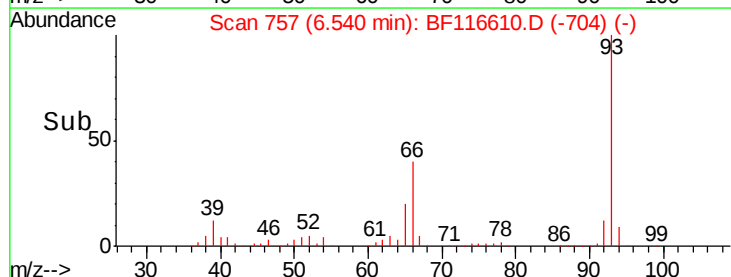
65 20.5 16.2 24.4

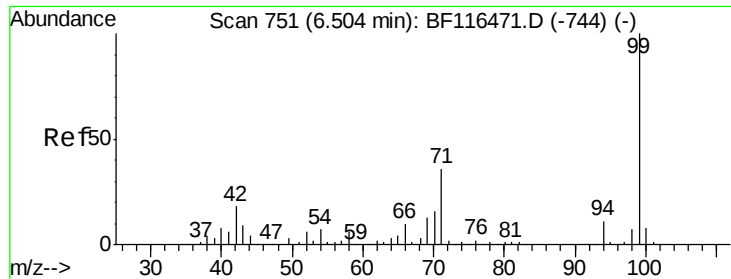


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 141.593 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

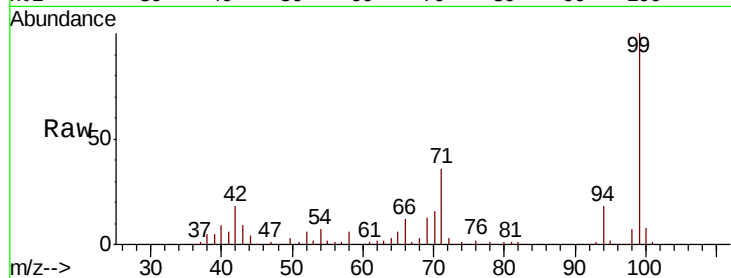
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1396579

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.2	19.8
71	35.9	27.4	41.2

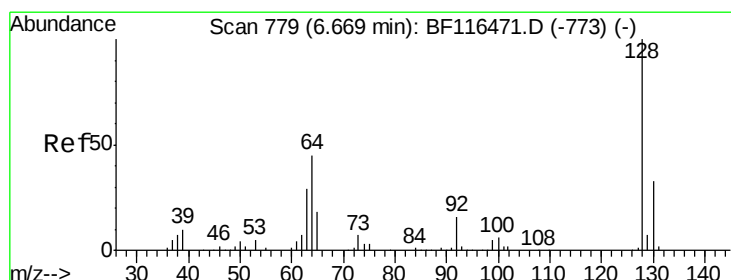
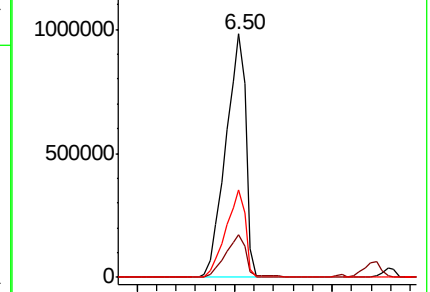
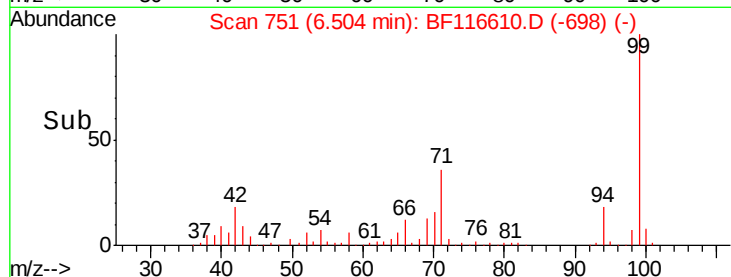


Abundance

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: 70.602 ng

RT: 6.66 min Scan# 777

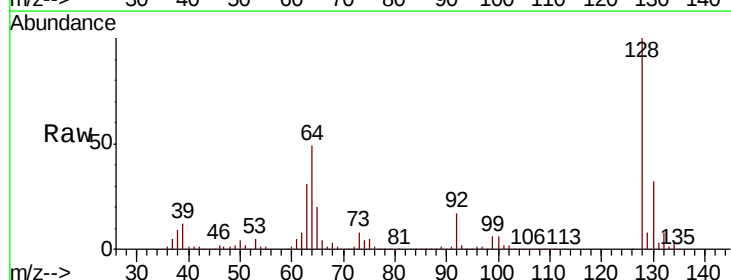
Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Tgt Ion: 128 Resp: 595990

Ion	Ratio	Lower	Upper
128	100		
130	32.2	11.8	51.8
64	49.1	26.9	66.9

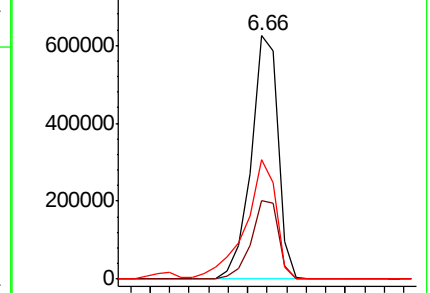
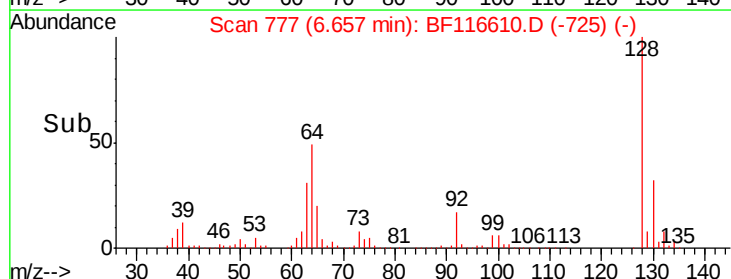


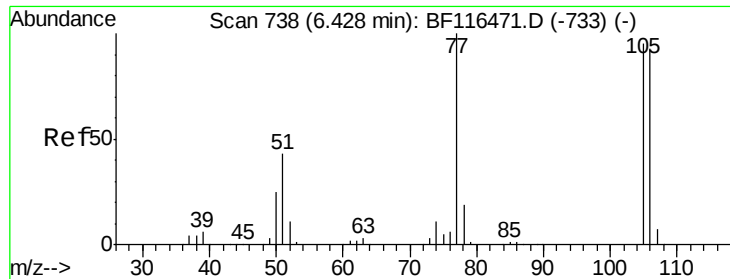
Abundance

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: 53.558 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

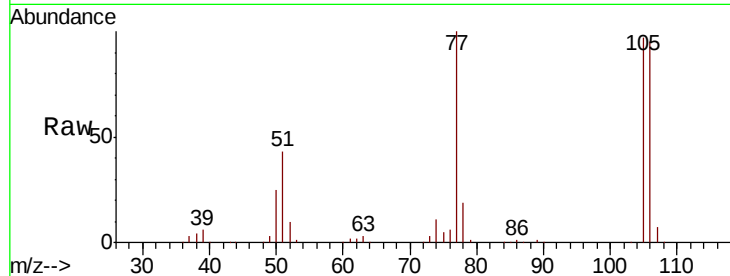
Tot Ion: 77 Resp: 352962

Ion Ratio Lower Upper

77 100

105 97.0 81.6 121.6

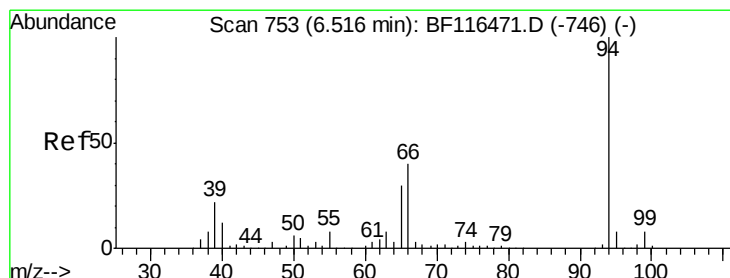
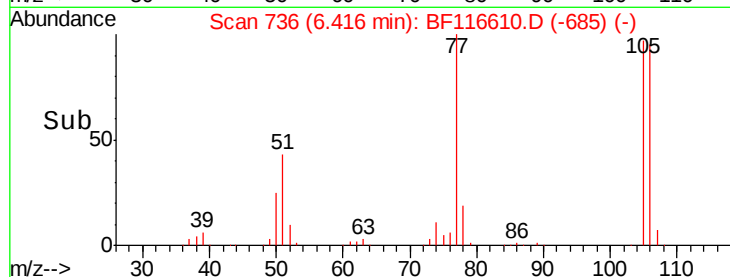
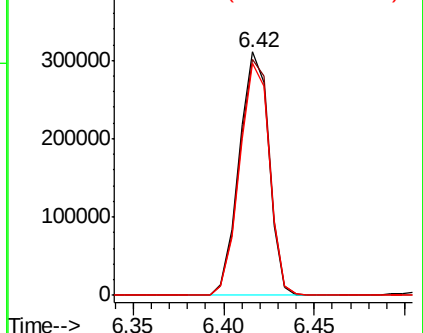
106 95.3 77.1 117.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 74.104 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

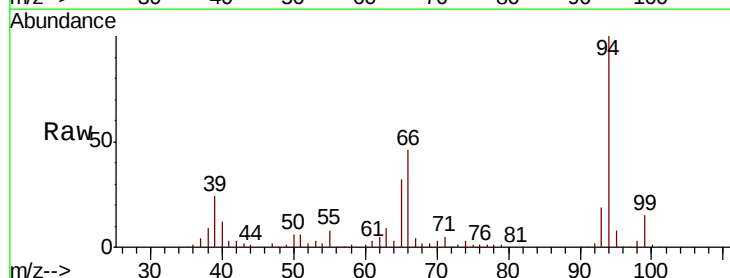
Tgt Ion: 94 Resp: 793716

Ion Ratio Lower Upper

94 100

65 32.2 8.6 48.6

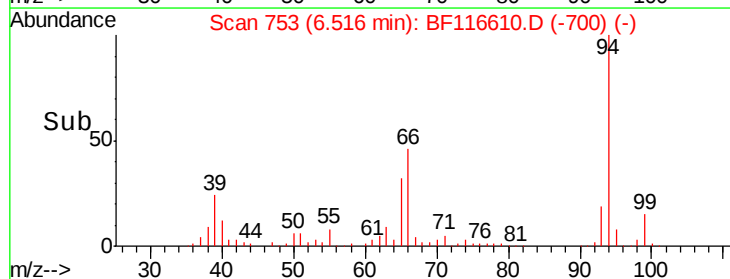
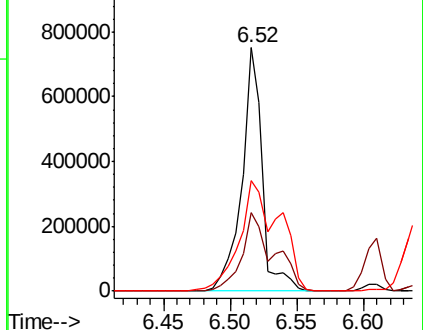
66 45.5 18.0 58.0

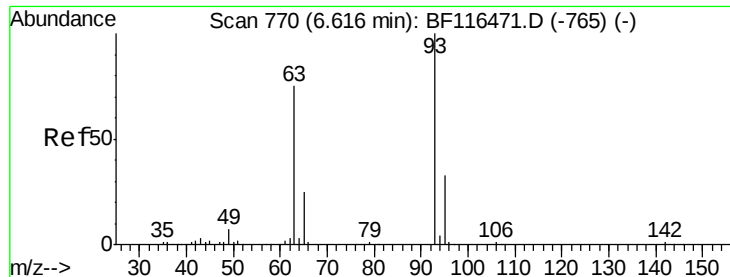


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

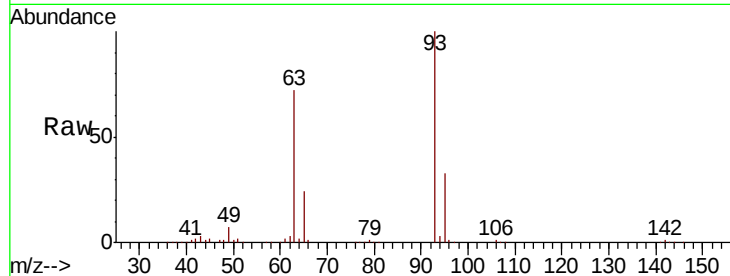




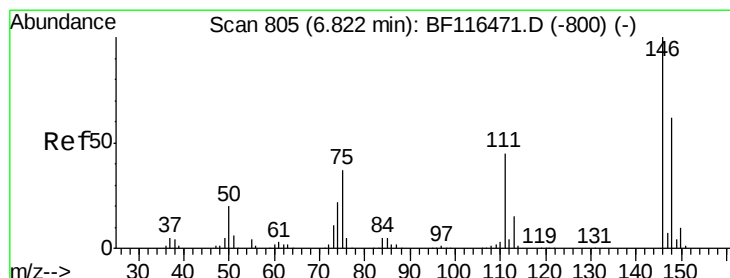
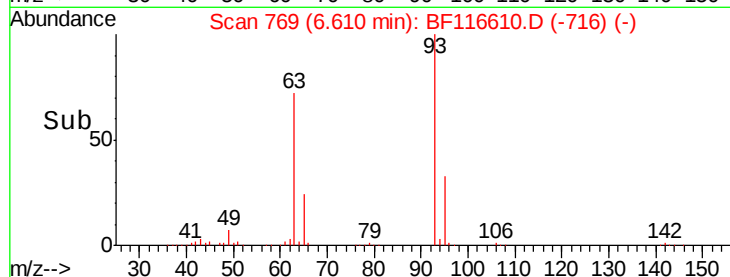
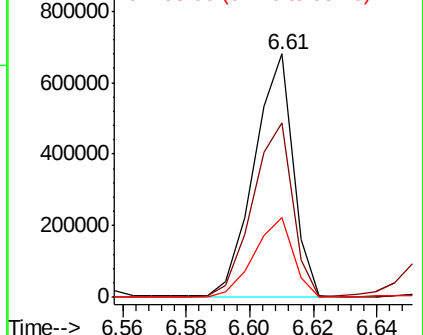
#11
bis(2-Chloroethyl)ether
Concen: 71.271 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 581228
Ion Ratio Lower Upper
93 100
63 71.6 54.7 94.7
95 32.9 12.7 52.7

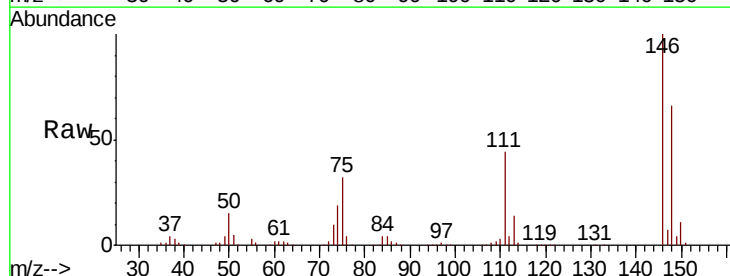


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

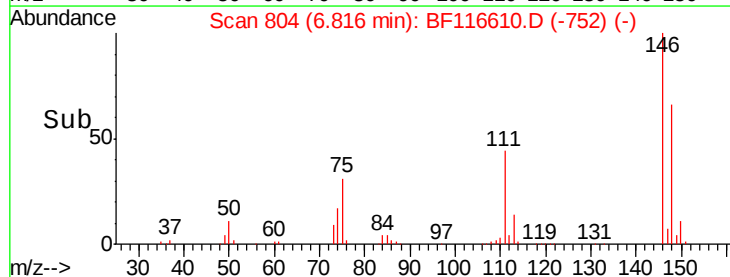
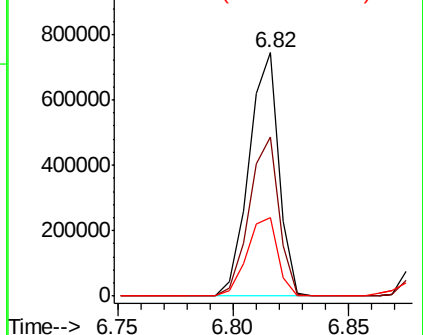


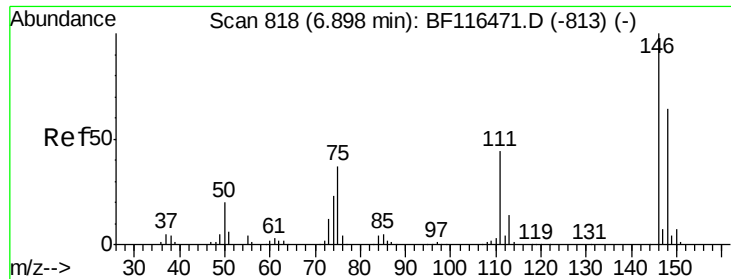
#12
1,3-Dichlorobenzene
Concen: 73.846 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion: 146 Resp: 674716
Ion Ratio Lower Upper
146 100
148 65.6 51.0 76.6
75 32.0 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

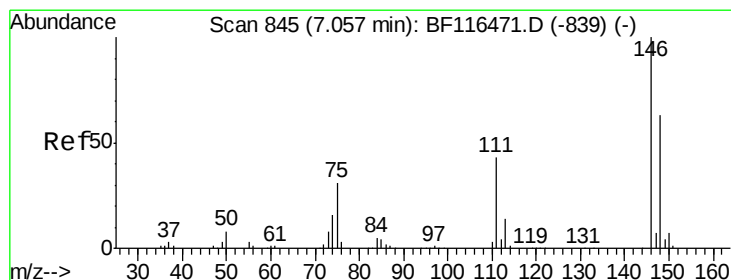
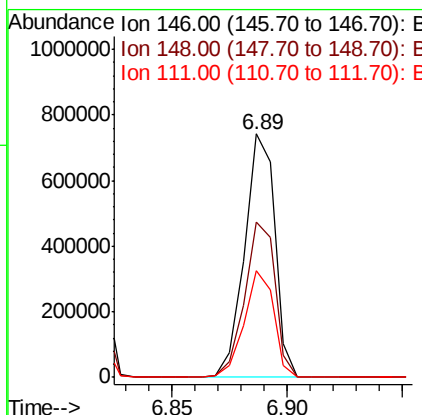
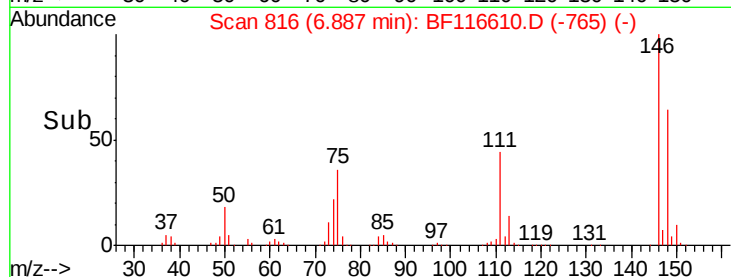
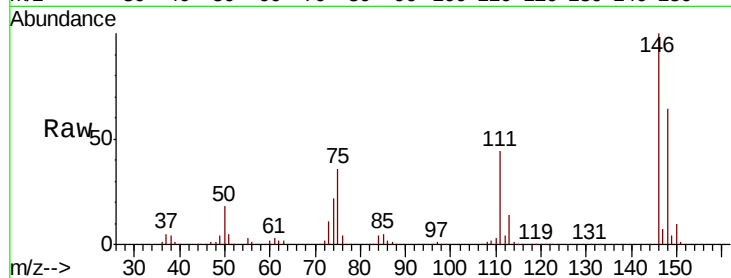




#13
 1,4-Dichlorobenzene
 Concen: 77.883 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

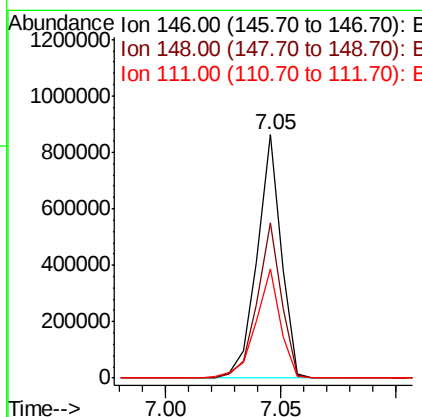
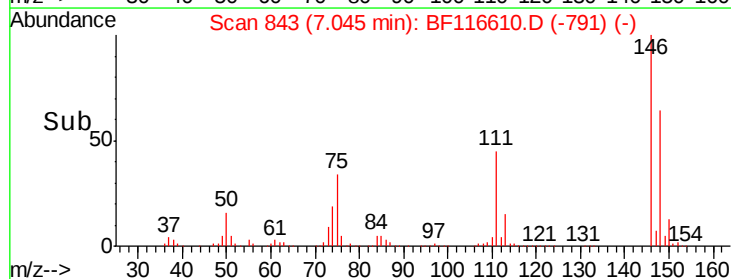
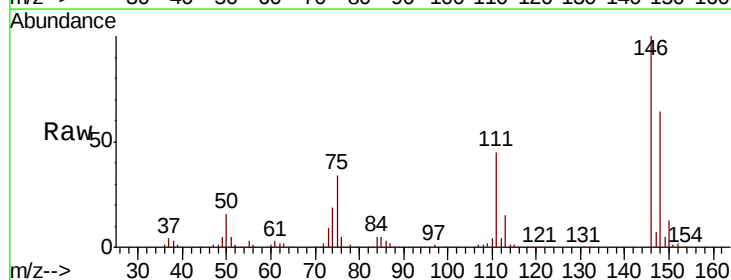
Instrument :
 BNA_F
 ClientSampled :

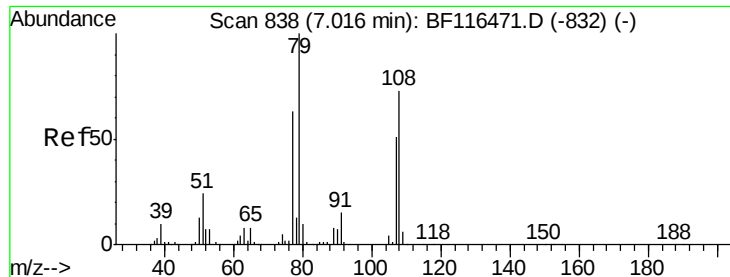
Tot Ion:146 Resp: 684878
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.0 76.6
 111 43.7 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 76.192 ng
 RT: 7.05 min Scan# 843
 Delta R.T. 0.01 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

Tgt Ion:146 Resp: 632067
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.8 77.6
 111 45.0 34.9 52.3





#15

Benzyl Alcohol

Concen: 69.877 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

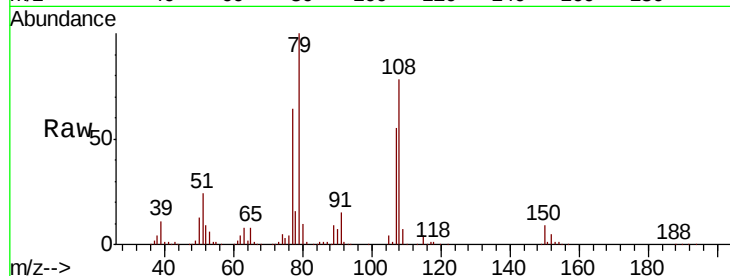
Tot Ion: 79 Resp: 557767

Ion Ratio Lower Upper

79 100

108 78.4 62.2 93.4

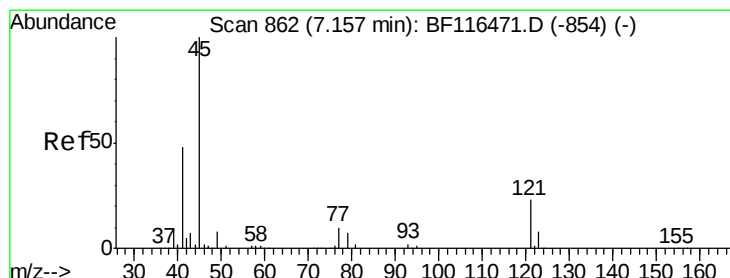
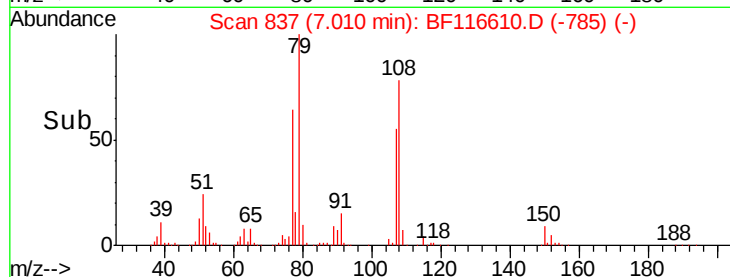
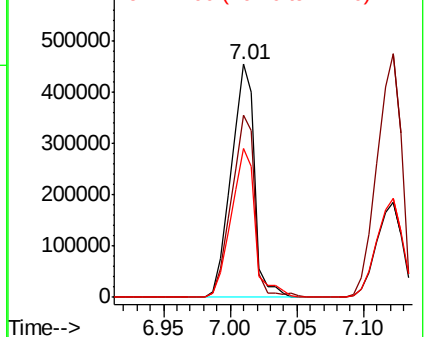
77 64.1 49.8 74.6



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: 68.721 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

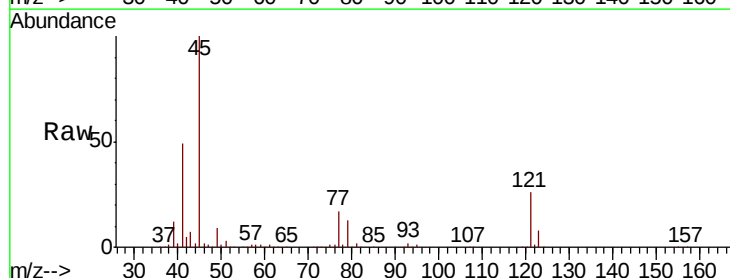
Tgt Ion: 45 Resp: 774889

Ion Ratio Lower Upper

45 100

77 17.0 0.0 36.4

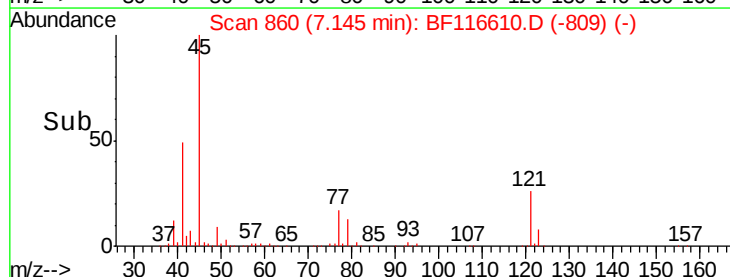
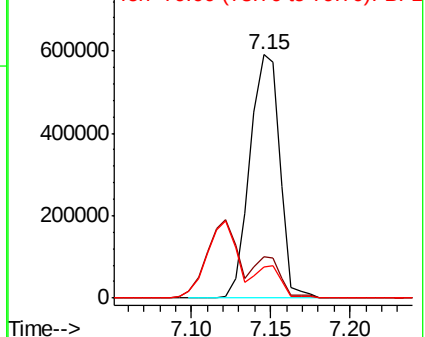
79 12.9 0.0 32.9

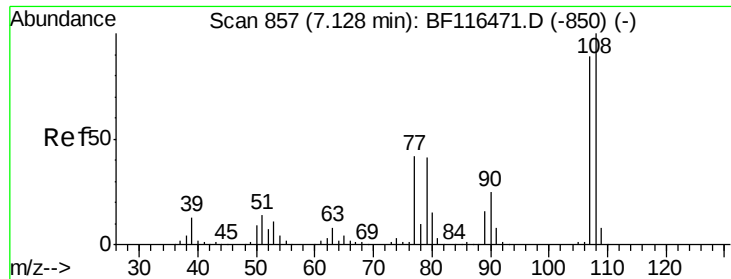


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

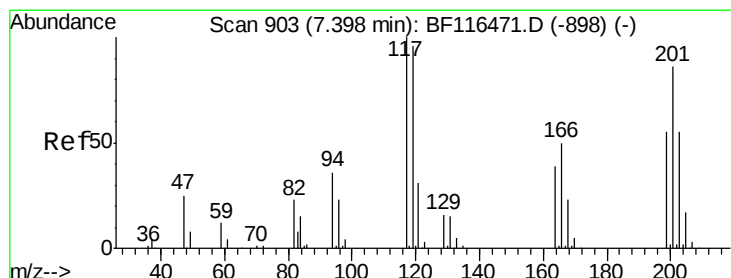
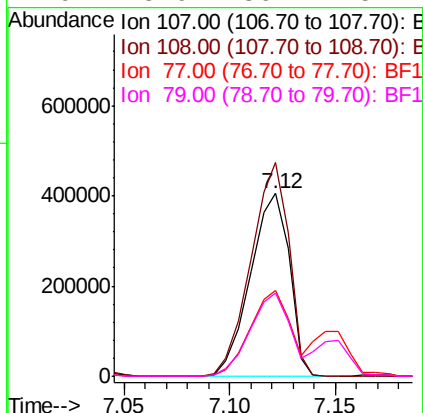
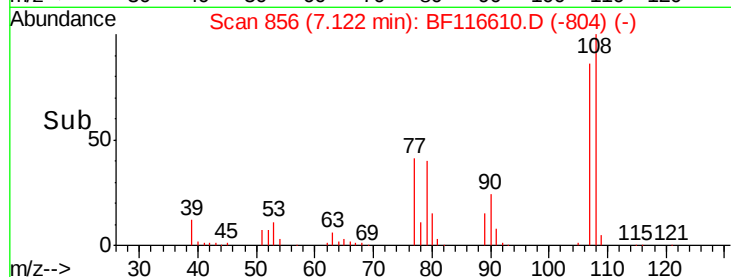
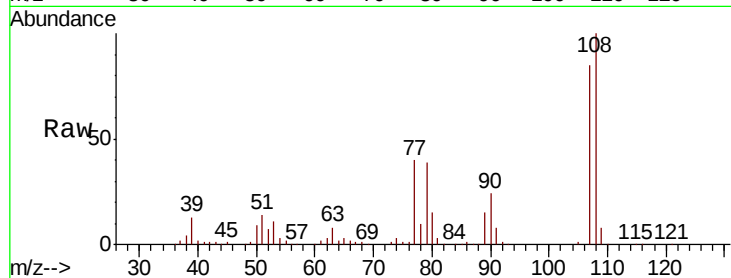




#17
2-Methylphenol
Concen: 74.137 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

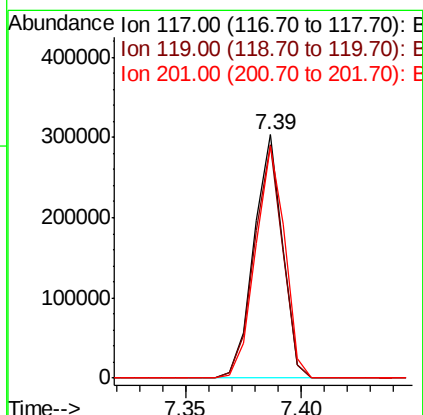
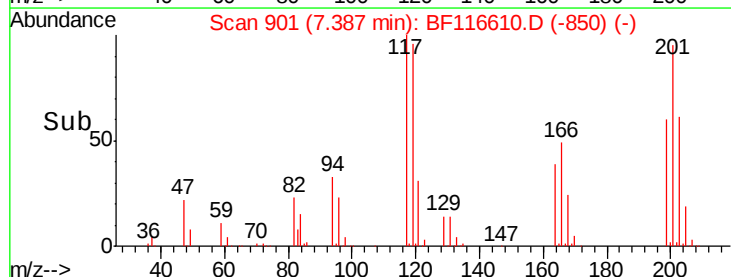
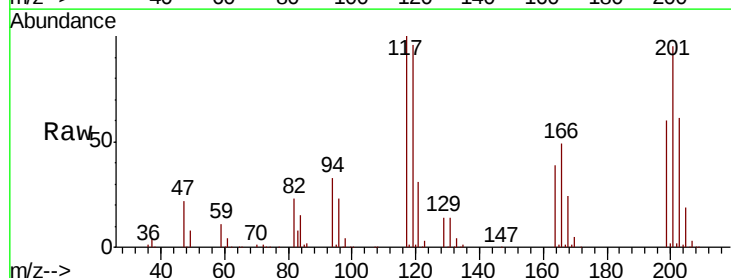
Instrument :
BNA_F
ClientSampleId :

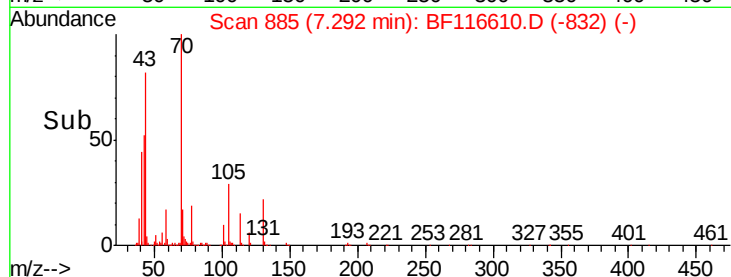
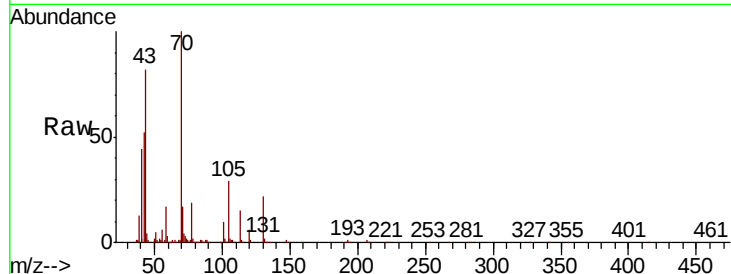
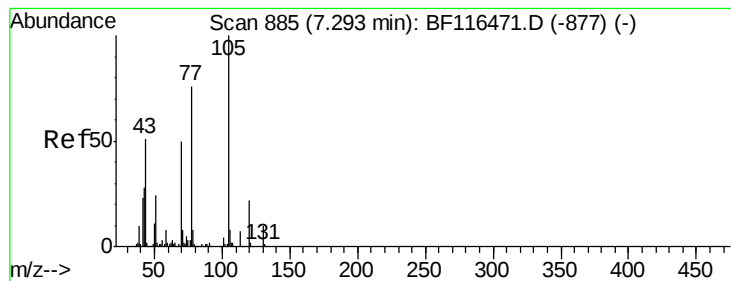
Tot Ion:	107	Resp:	518523
Ion	Ratio	Lower	Upper
107	100		
108	117.0	90.9	136.3
77	47.3	36.8	55.2
79	45.9	36.2	54.4



#18
Hexachloroethane
Concen: 76.225 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion:	117	Resp:	261420
Ion	Ratio	Lower	Upper
117	100		
119	95.9	78.6	118.0
201	95.2	86.2	129.2





#19

n-Nitroso-di-n-propylamine

Concen: 66.440 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 447167

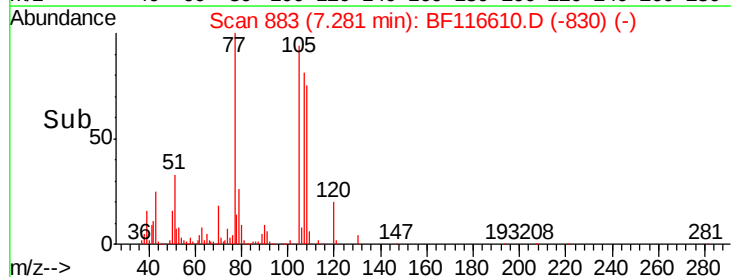
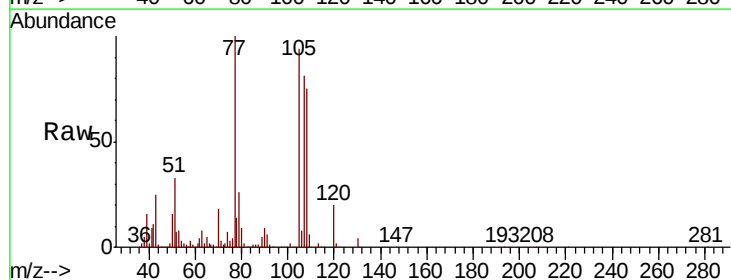
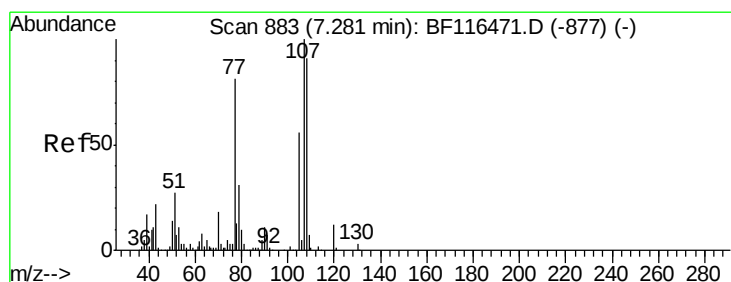
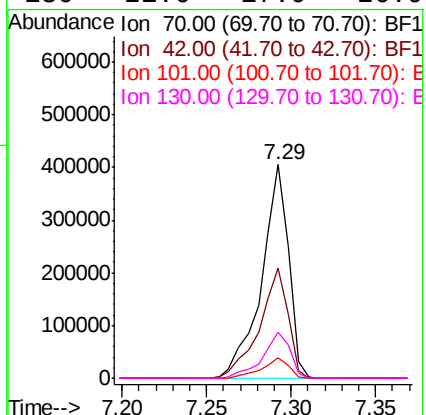
Ion Ratio Lower Upper

70 100

42 51.7 41.2 61.8

101 9.8 7.7 11.5

130 21.6 17.9 26.9



#20

3+4-Methylphenols

Concen: 71.574 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Tgt Ion: 107 Resp: 613236

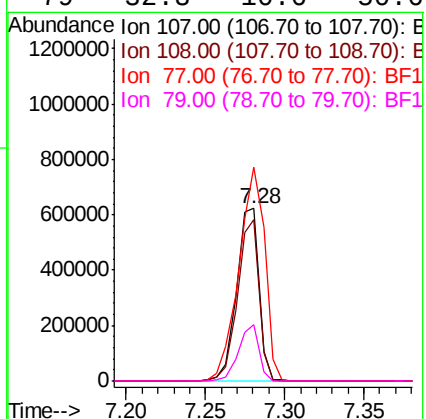
Ion Ratio Lower Upper

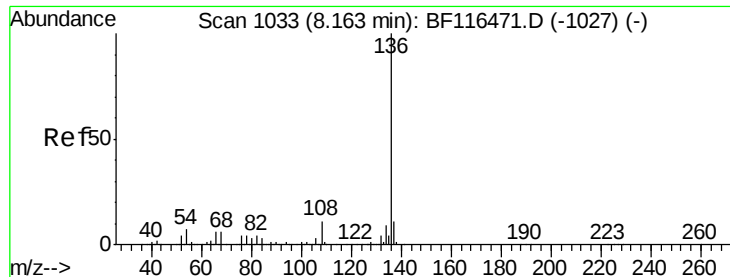
107 100

108 93.2 72.6 112.6

77 123.7 82.4 122.4#

79 32.8 10.6 50.6

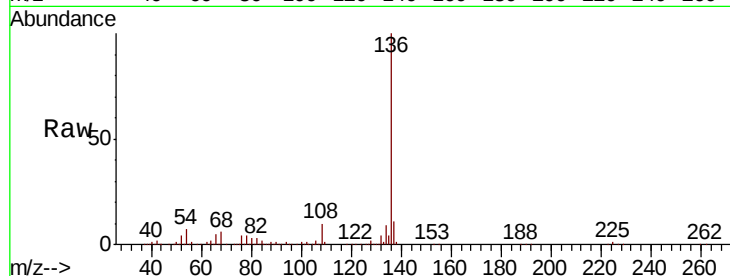




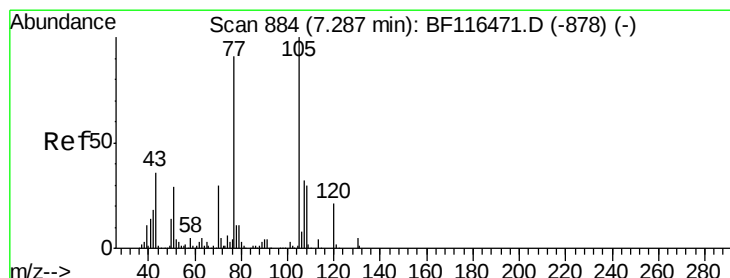
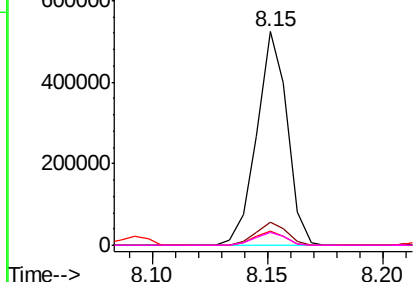
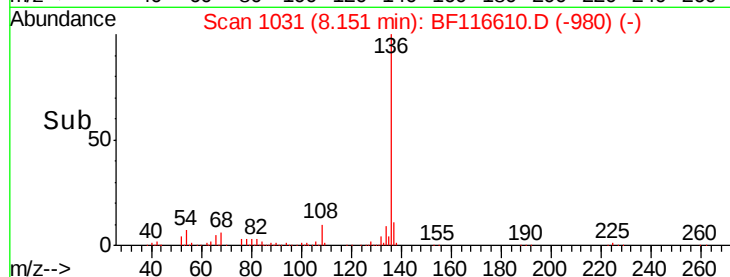
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 482125
Ion Ratio	Lower Upper
136 100	
137 11.0	8.7 13.1
54 6.7	5.0 7.4
68 5.9	4.5 6.7

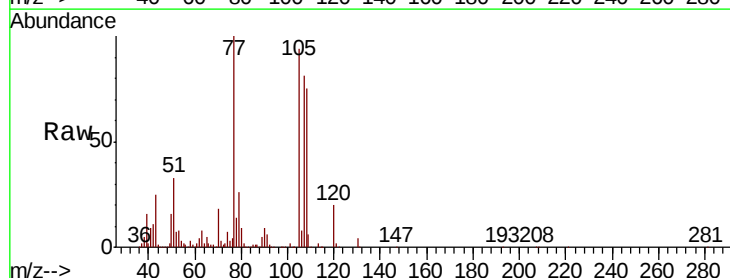


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

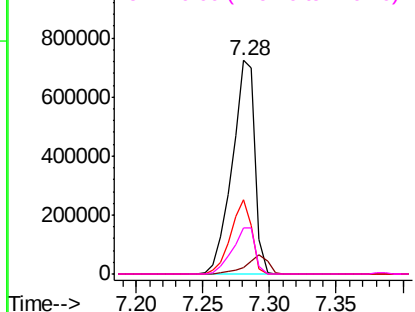
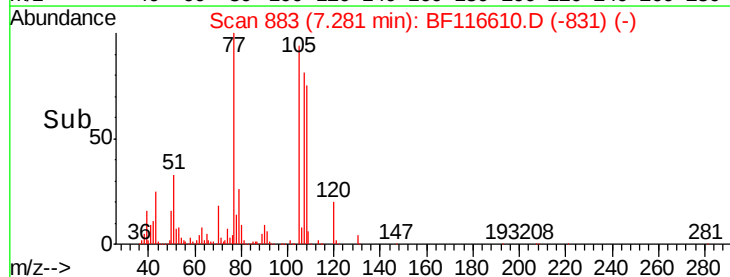


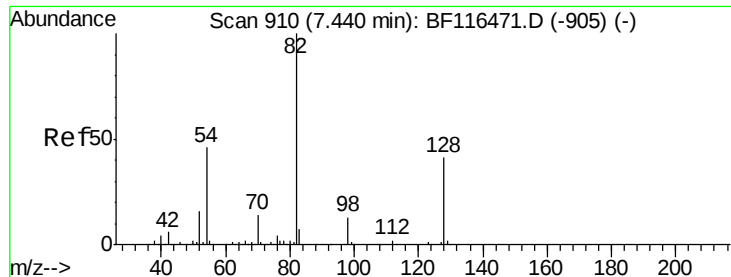
#22
Acetophenone
Concen: 71.616 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt	Ion:105	Resp:	863394
Ion	Ratio	Lower	Upper
105	100		
71	3.2	5.0	7.6#
51	34.8	20.7	31.1#
120	21.5	17.9	26.9



Abundance Ion 105.00 (104.70 to 105.70): E
1000000
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



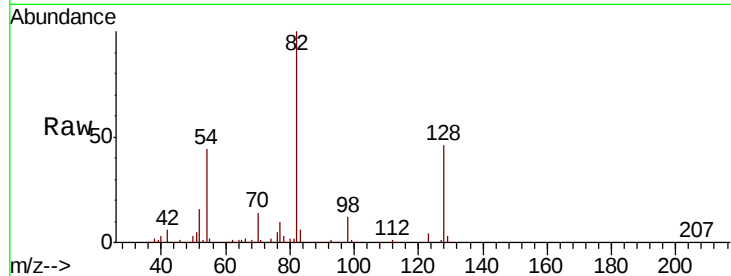


#23
 Nitrobenzene-d5
 Concen: 152.957 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.01 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

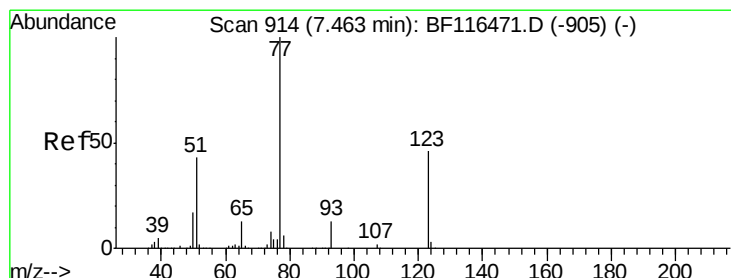
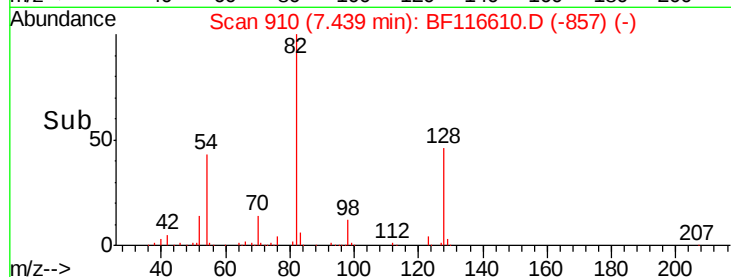
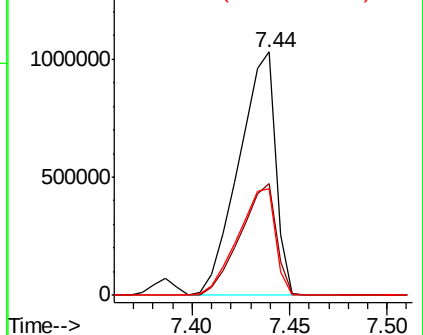
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1347916

Ion	Ratio	Lower	Upper
82	100		
128	45.9	35.0	52.6
54	44.1	34.4	51.6



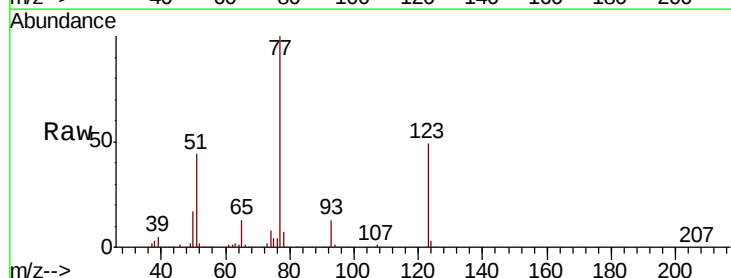
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



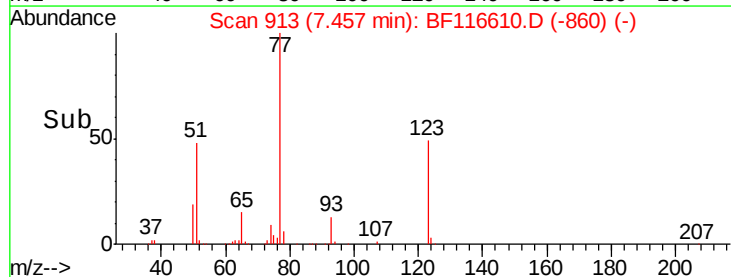
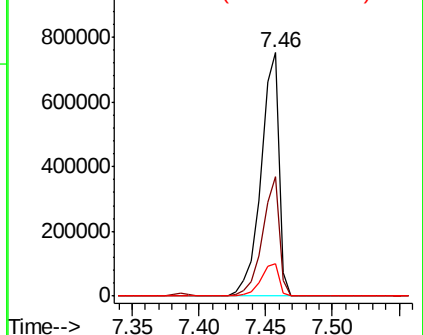
#24
 Nitrobenzene
 Concen: 75.781 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

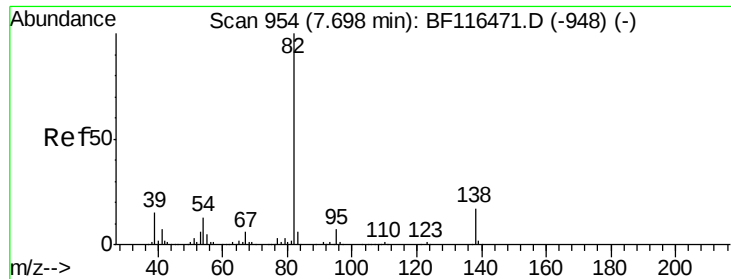
Tgt Ion: 77 Resp: 691589

Ion	Ratio	Lower	Upper
77	100		
123	49.1	38.2	57.4
65	13.5	11.0	16.6



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





#25

Isophorone

Concen: 70.432 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

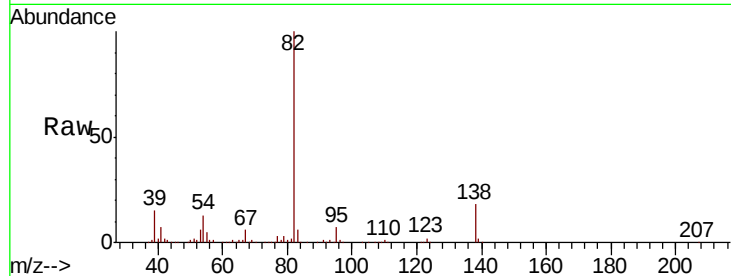
Tot Ion: 82 Resp: 1223137

Ion Ratio Lower Upper

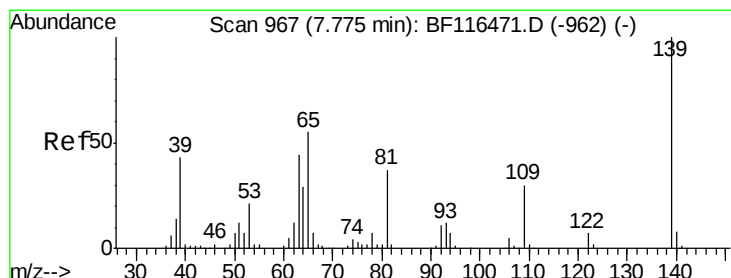
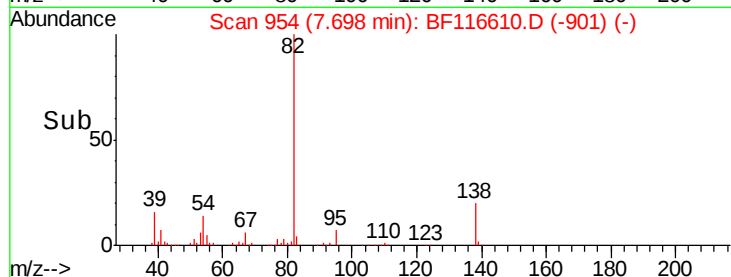
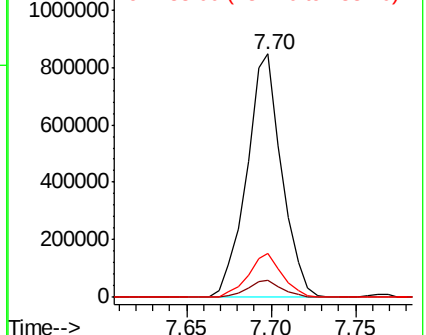
82 100

95 7.1 5.6 8.4

138 18.1 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: 99.901 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

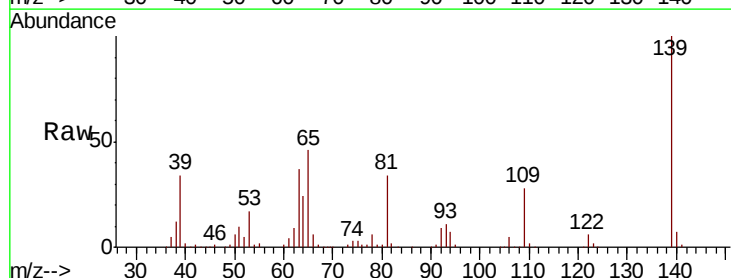
Tgt Ion: 139 Resp: 333022

Ion Ratio Lower Upper

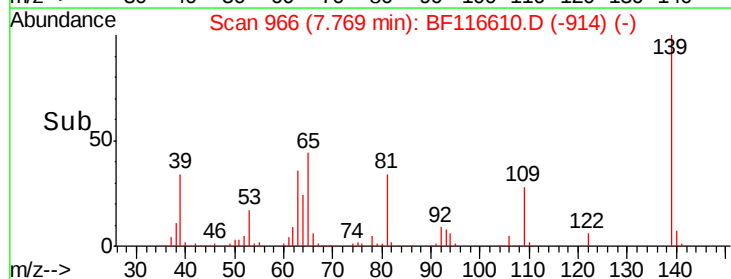
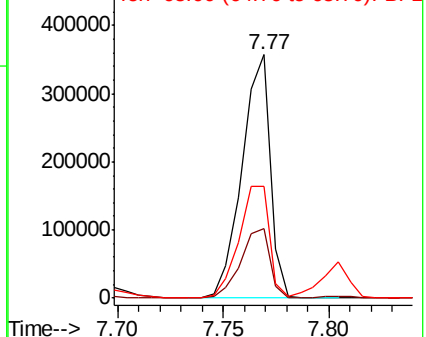
139 100

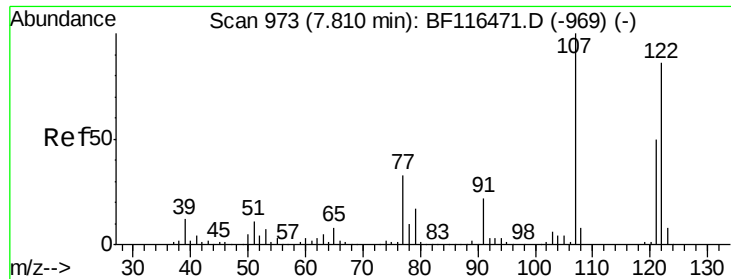
109 28.5 22.4 33.6

65 46.1 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

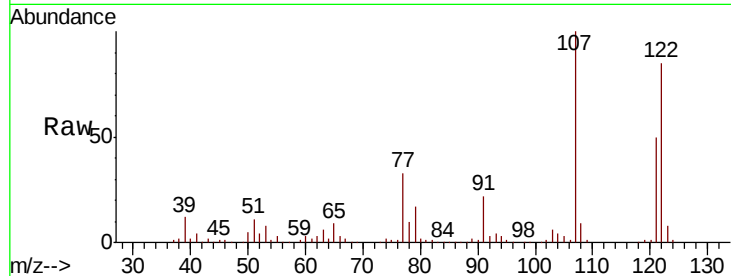




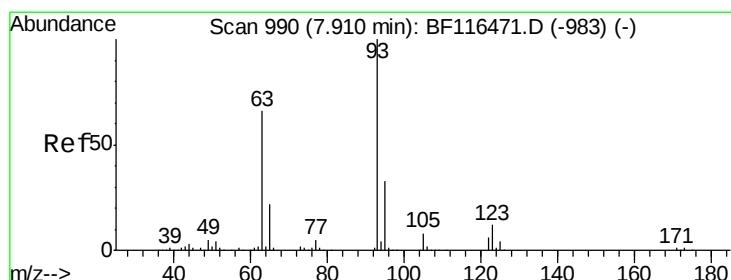
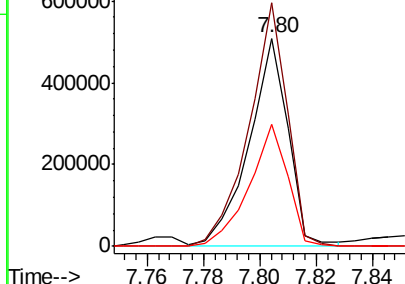
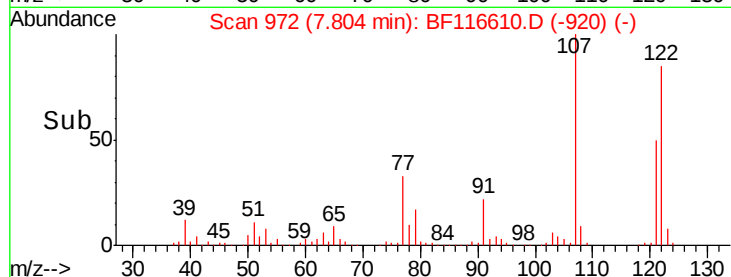
#27
 2,4-Dimethylphenol
 Concen: 69.796 ng
 RT: 7.80 min Scan# 972
 Delta R.T. 0.01 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 485462
 Ion Ratio Lower Upper
 122 100
 107 117.1 95.4 143.0
 121 58.8 47.8 71.8

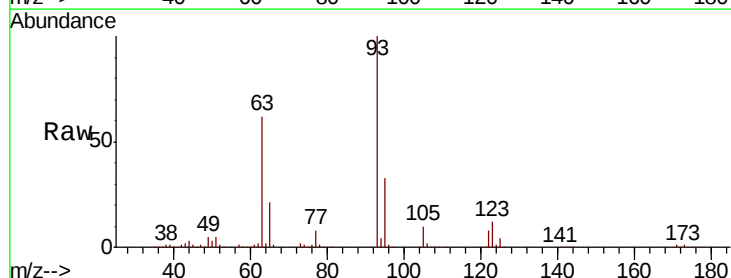


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

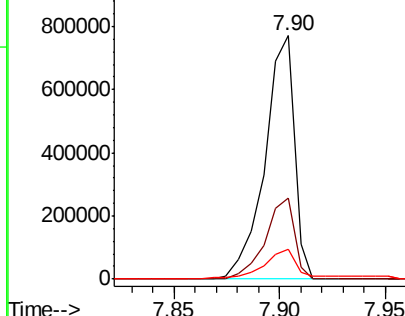
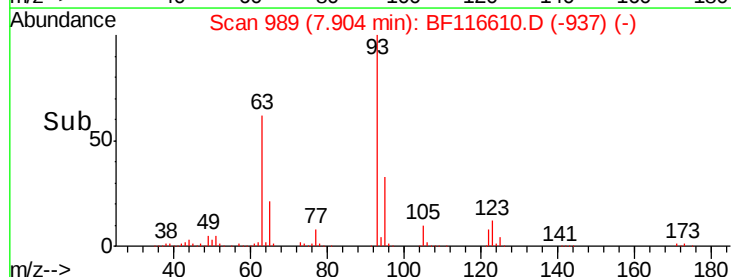


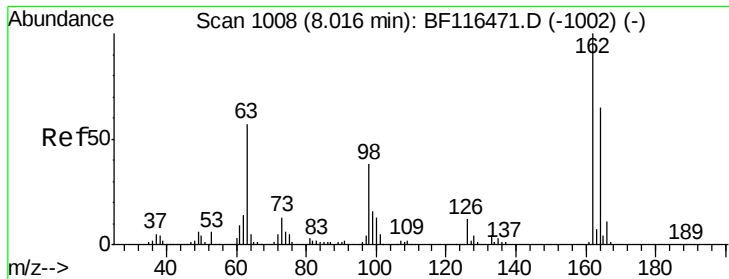
#28
 bis(2-Chloroethoxy)methane
 Concen: 70.084 ng
 RT: 7.90 min Scan# 989
 Delta R.T. 0.01 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

Tgt Ion: 93 Resp: 751624
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.1 39.1
 123 12.3 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

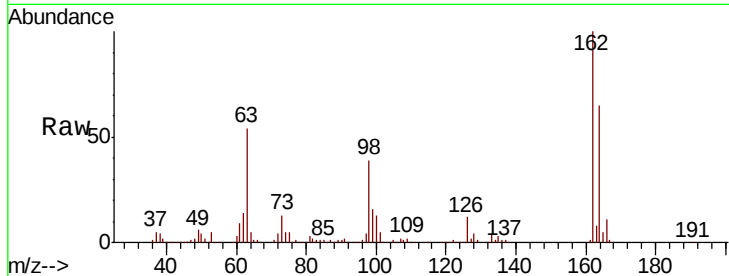




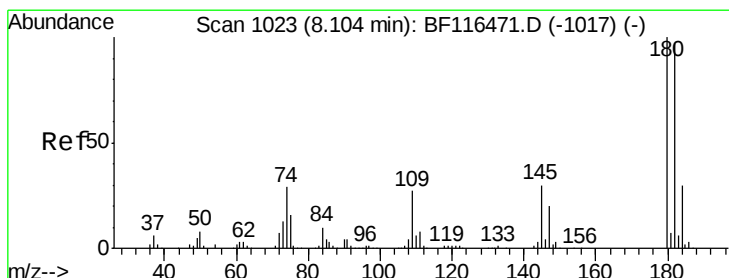
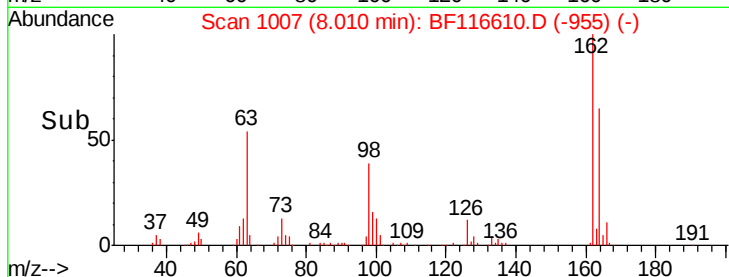
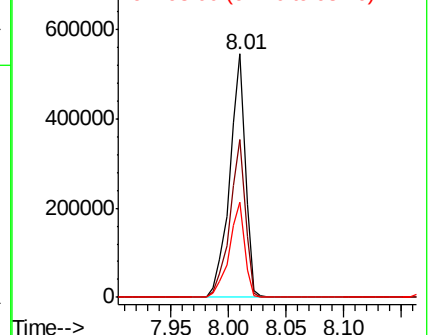
#29
2,4-Dichlorophenol
Concen: 77.987 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	45.9	85.9
98	38.9	17.4	57.4

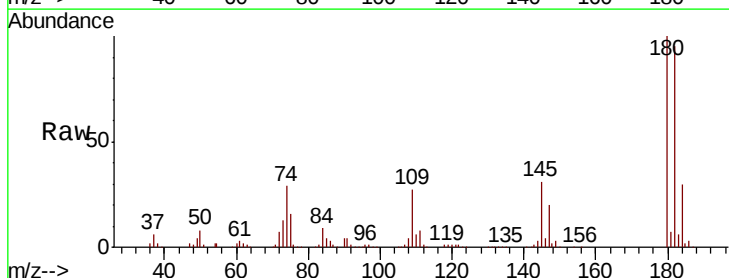


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

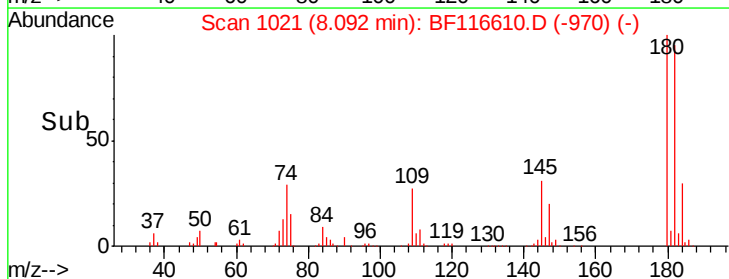
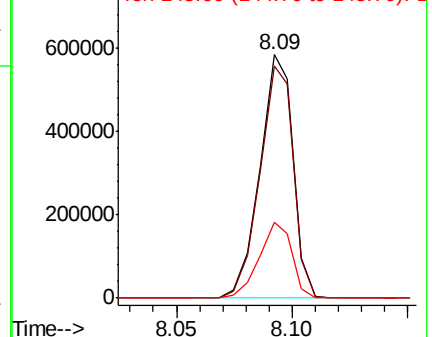


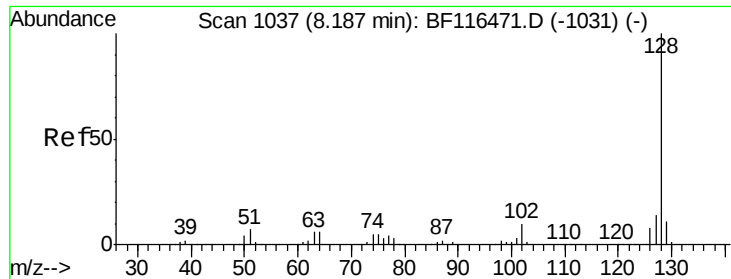
#30
1,2,4-Trichlorobenzene
Concen: 78.366 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.7	115.1
145	31.3	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

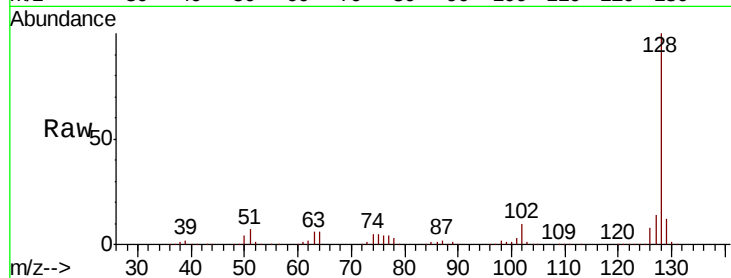




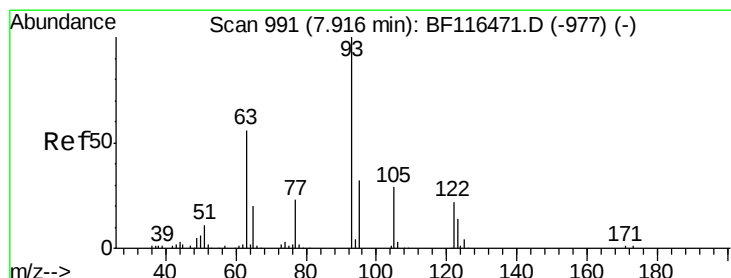
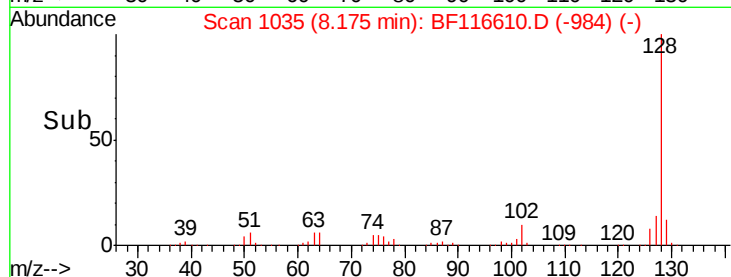
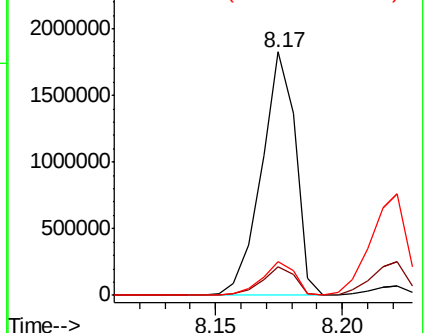
#31
Naphthalene
Concen: 73.400 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1711921
Ion Ratio Lower Upper
128 100
129 11.9 8.9 13.3
127 14.1 10.9 16.3

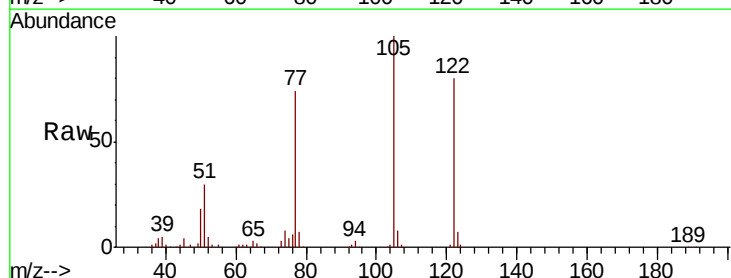


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

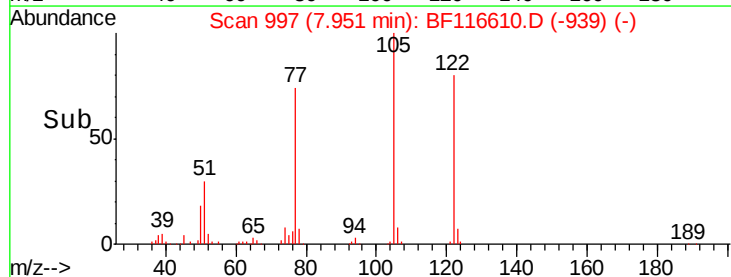
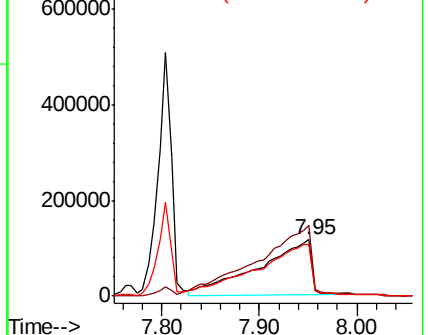


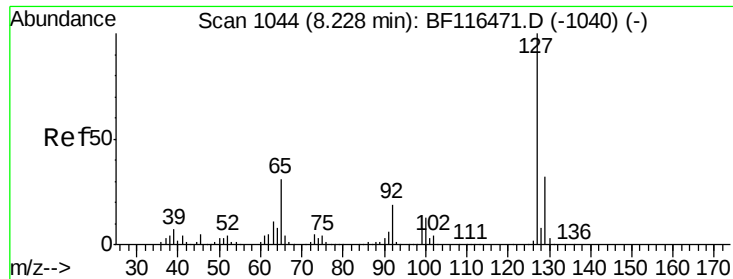
#32
Benzoic acid
Concen: 95.285 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.04 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion:122 Resp: 423692
Ion Ratio Lower Upper
122 100
105 124.8 105.8 145.8
77 92.3 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

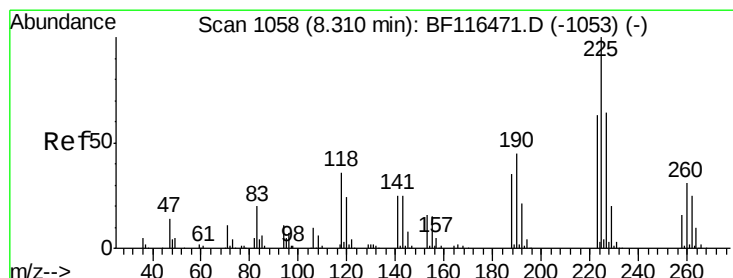
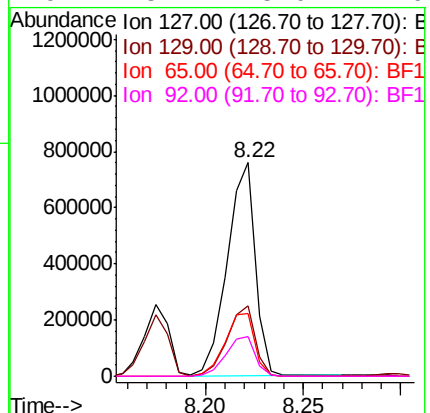
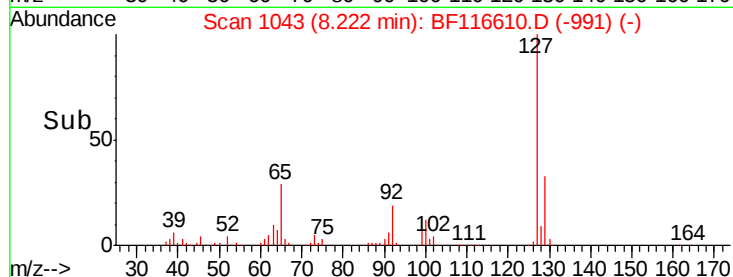
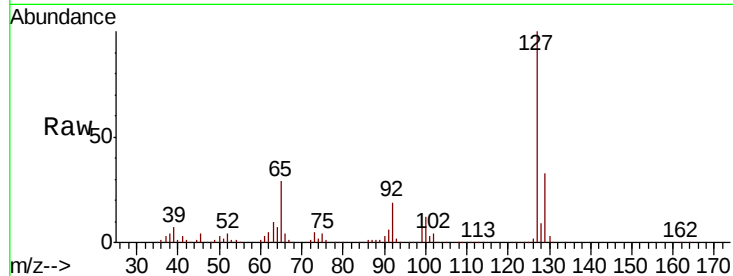




#33
4-Chloroaniline
Concen: 74.143 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

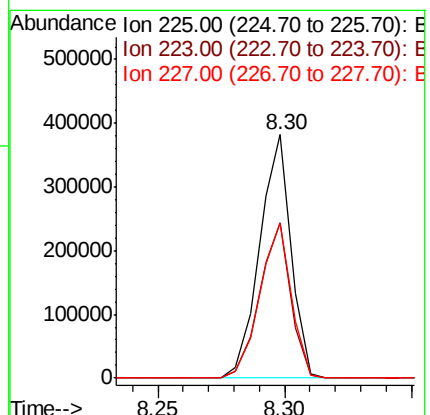
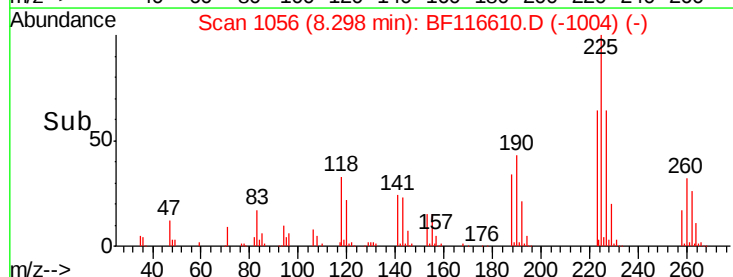
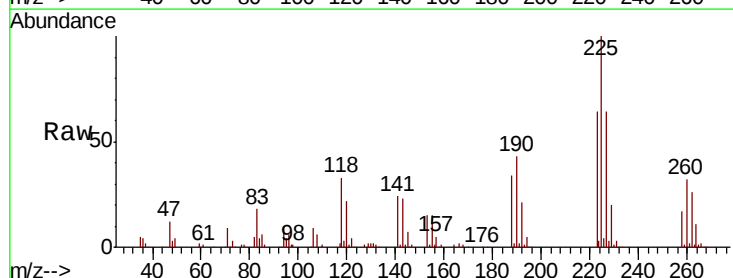
Instrument :
BNA_F
ClientSampleId :

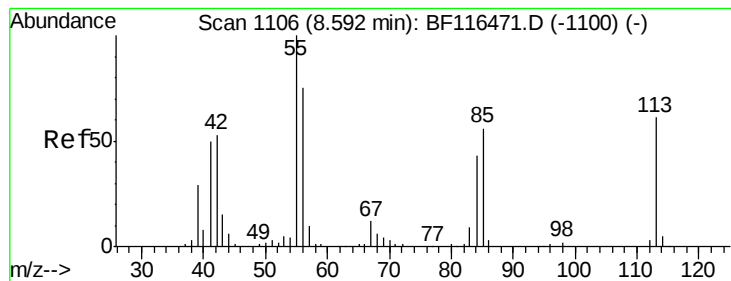
Tot Ion:	127	Resp:	759129
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	29.4	22.6	33.8
92	18.7	15.0	22.6



#34
Hexachlorobutadiene
Concen: 80.472 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion:	225	Resp:	326810
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.7	76.1
227	63.9	50.4	75.6





#35

Caprolactam

Concen: 61.423 ng

RT: 8.60 min Scan# 1108

Delta R.T. 0.02 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Instrument :

BNA_F

ClientSampled :

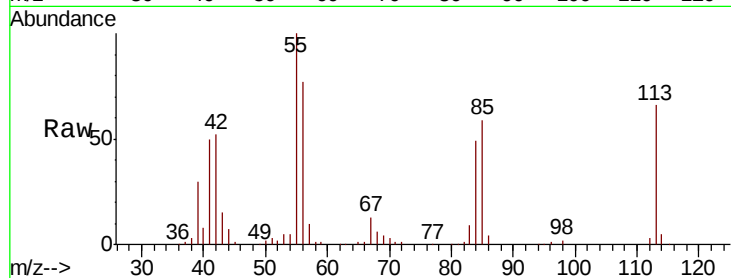
Tot Ion:113 Resp: 141523

Ion Ratio Lower Upper

113 100

55 152.3 128.3 168.3

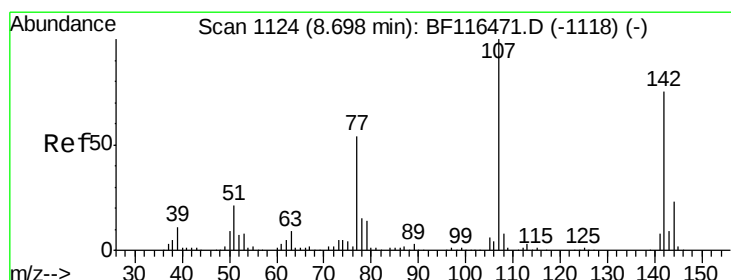
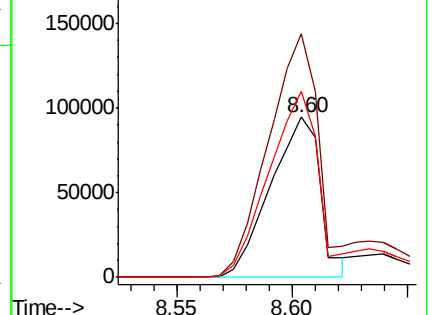
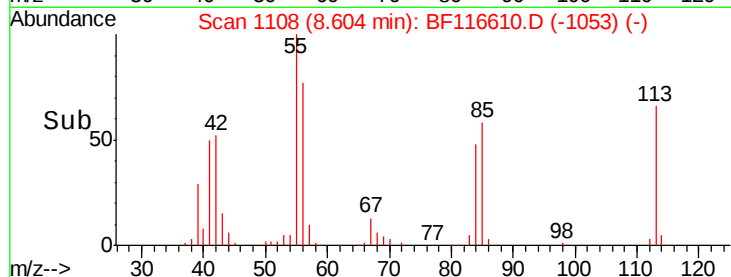
56 116.7 93.2 133.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 73.544 ng

RT: 8.70 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

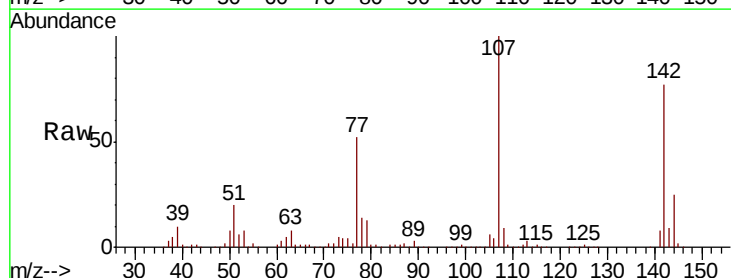
Tgt Ion:107 Resp: 548892

Ion Ratio Lower Upper

107 100

144 24.8 20.6 30.8

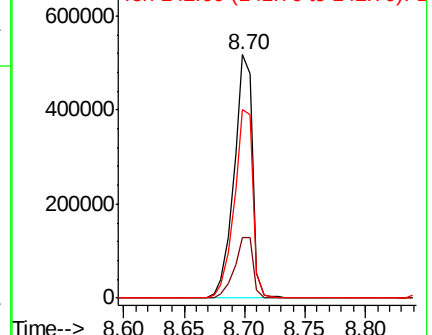
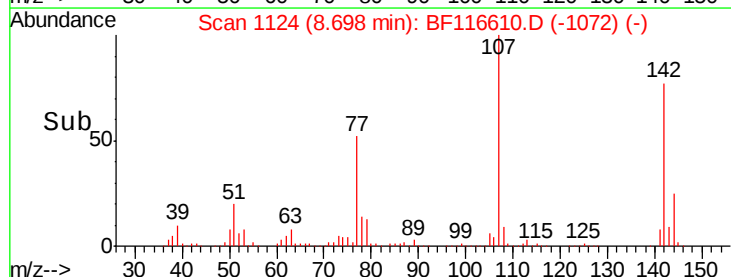
142 77.2 63.8 95.6

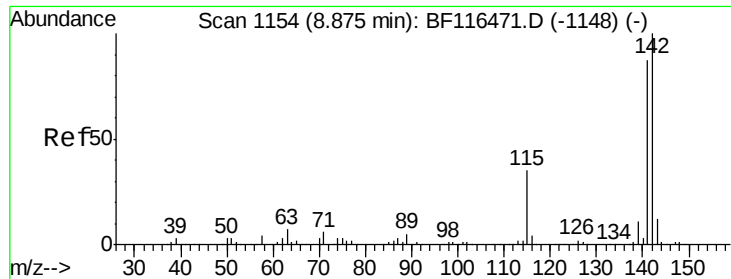


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

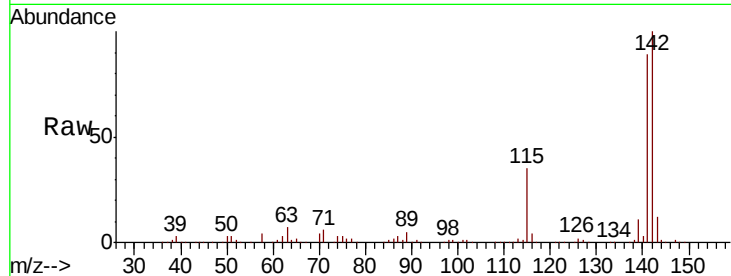




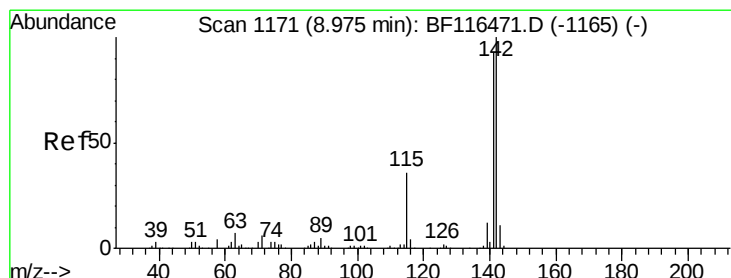
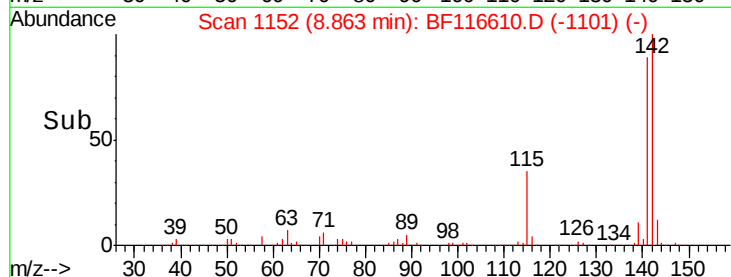
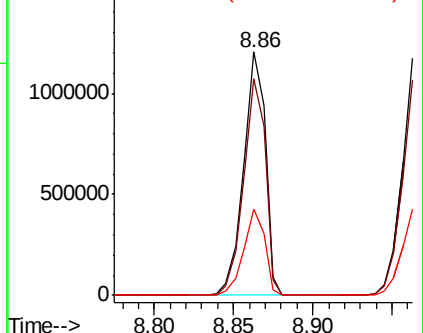
#37
2-Methylnaphthalene
Concen: 71.331 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1142278
Ion Ratio Lower Upper
142 100
141 88.9 69.5 104.3
115 35.3 26.0 39.0

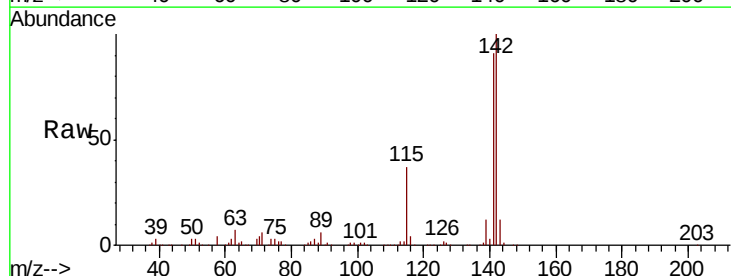


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

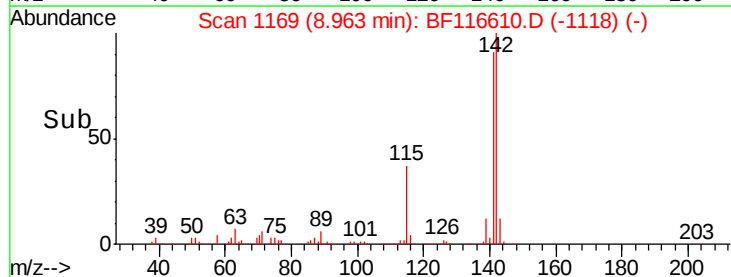
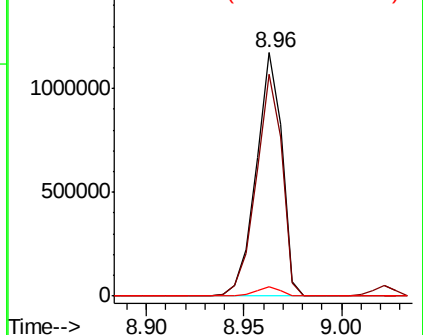


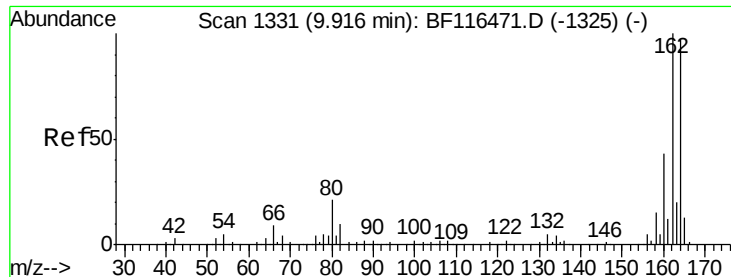
#38
1-Methylnaphthalene
Concen: 71.539 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion:142 Resp: 1070159
Ion Ratio Lower Upper
142 100
141 91.1 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# 1329

Delta R.T. 0.00 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

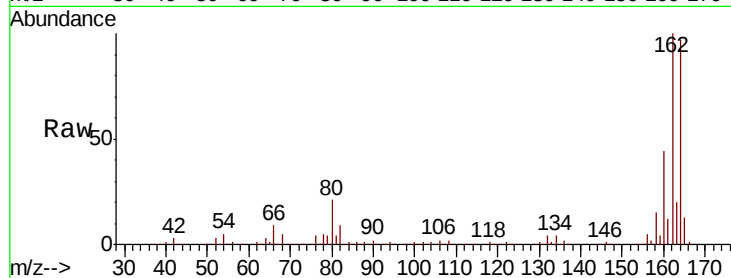
Tot Ion:164 Resp: 247106

Ion Ratio Lower Upper

164 100

162 103.3 83.4 125.0

160 45.3 37.0 55.4

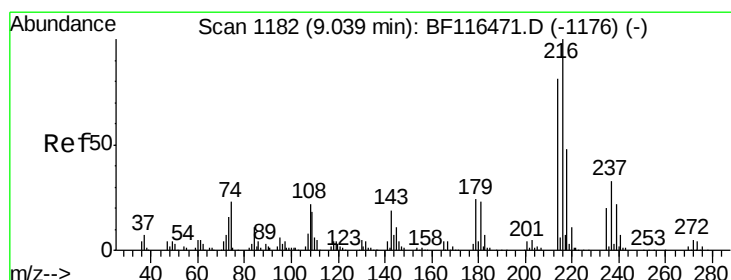
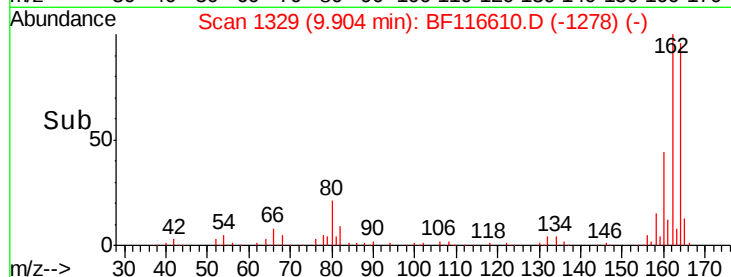
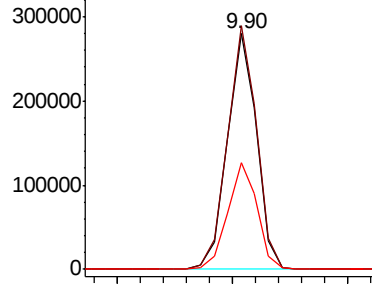


Abundance

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: 77.953 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Tgt Ion:216 Resp: 518250

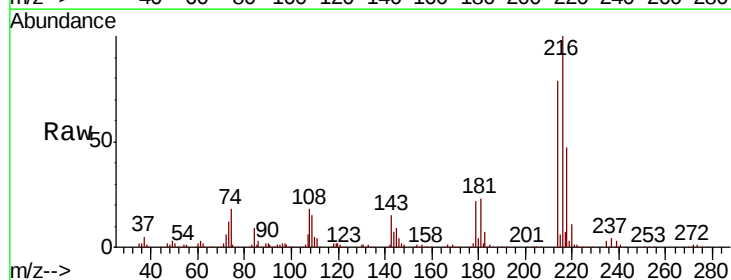
Ion Ratio Lower Upper

216 100

214 78.8 63.3 94.9

179 22.5 17.9 26.9

108 20.9 16.0 24.0



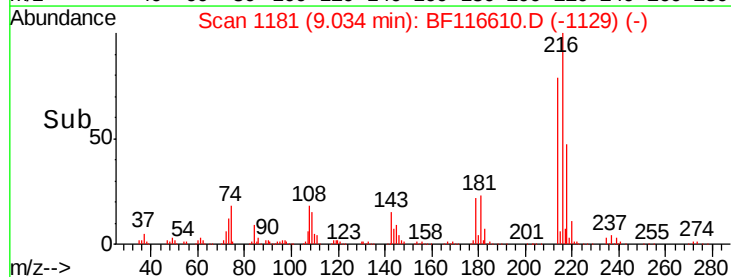
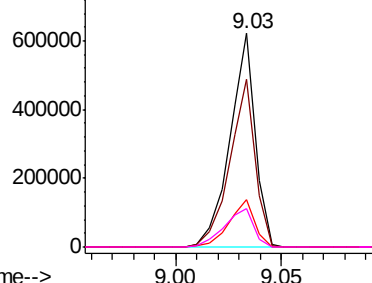
Abundance

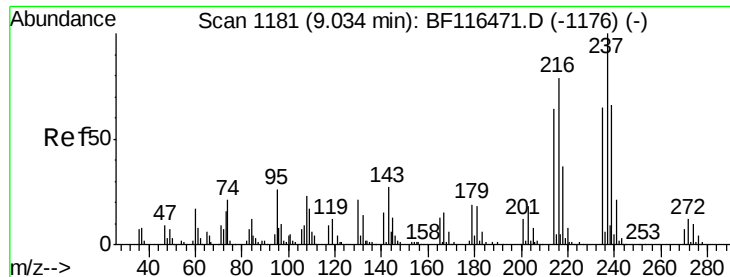
Ion 216.00 (215.70 to 216.70): E

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

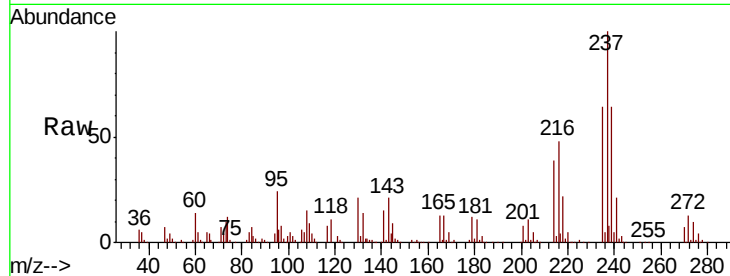




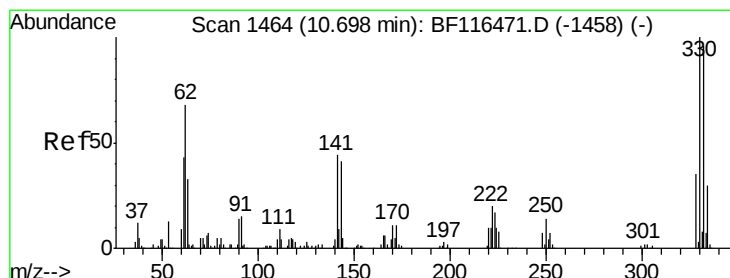
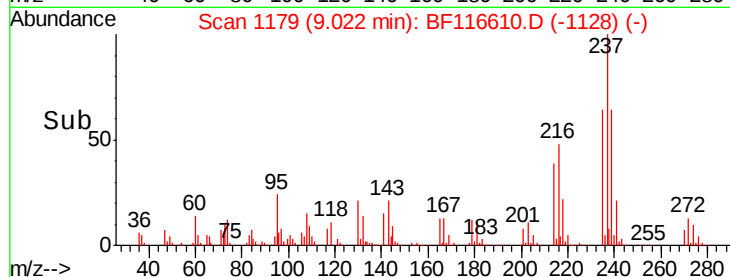
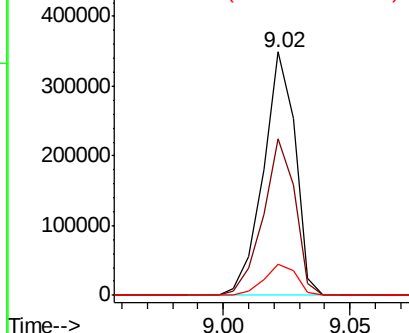
#41
Hexachlorocyclopentadiene
Concen: 86.443 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 309200
Ion Ratio Lower Upper
237 100
235 64.1 42.9 82.9
272 12.7 0.0 33.8

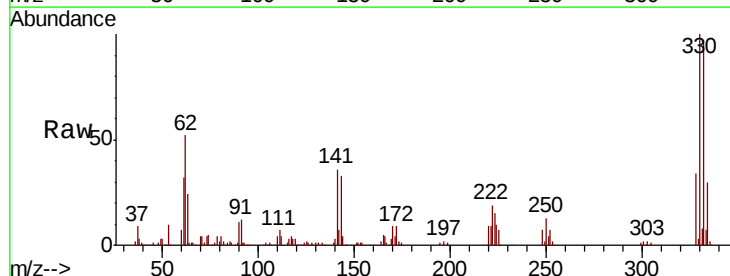


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

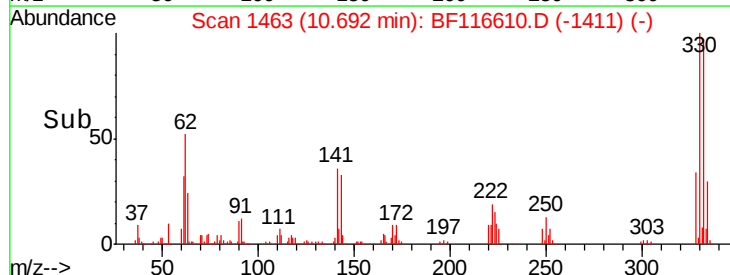
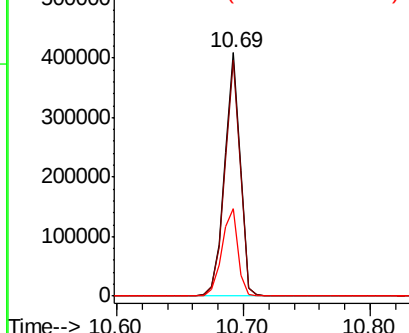


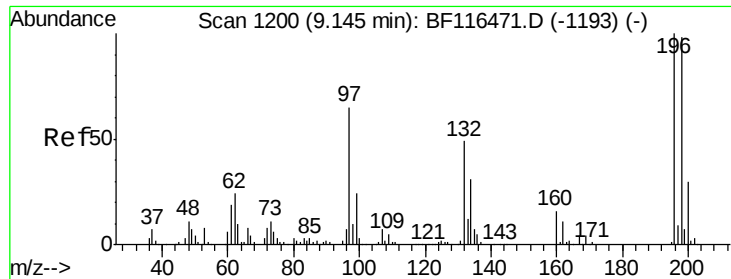
#42
2,4,6-Tribromophenol
Concen: 164.381 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion:330 Resp: 348789
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 37.4 28.2 42.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

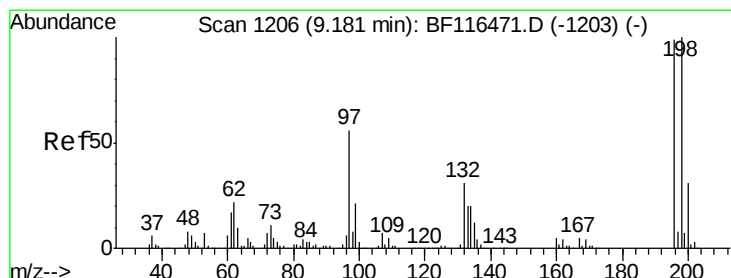
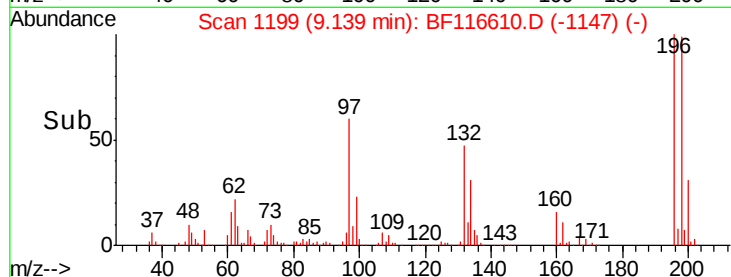
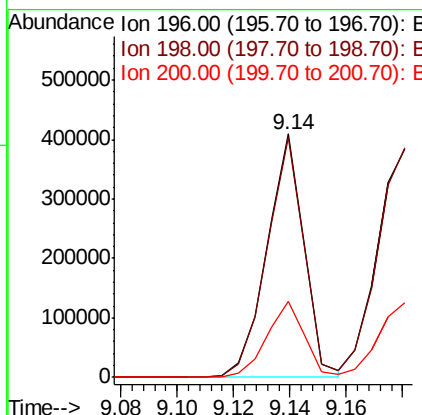
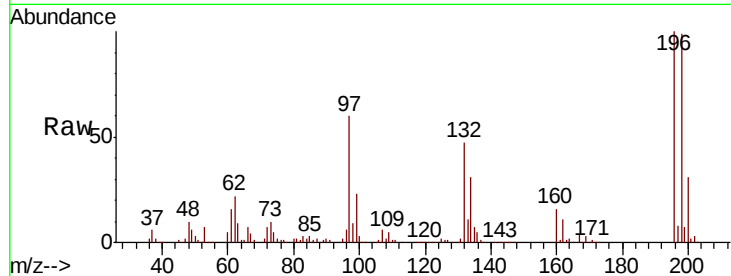




#43
 2,4,6-Trichlorophenol
 Concen: 79.997 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

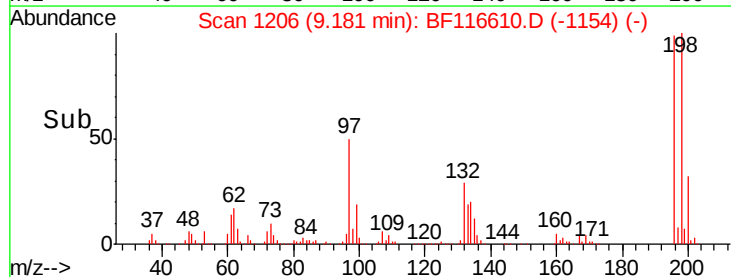
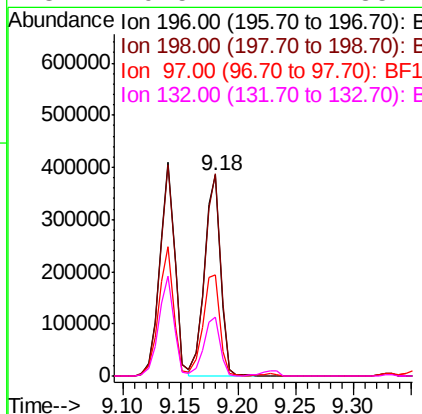
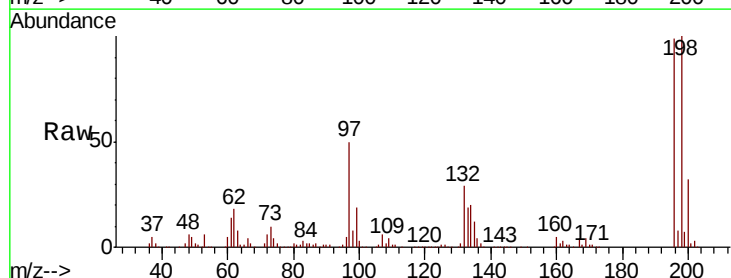
Instrument :
 BNA_F
 ClientSampleId :

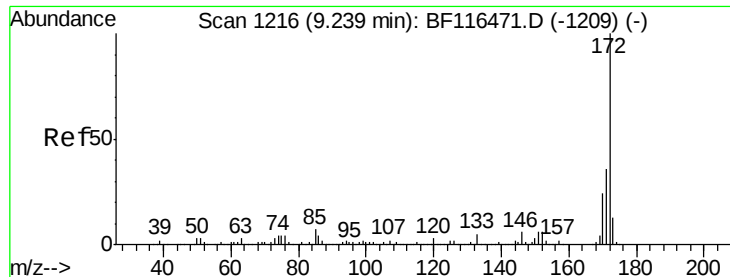
Tot Ion	196	Resp	372223
Ion Ratio	Lower	Upper	
196	100		
198	98.6	76.8	115.2
200	31.2	25.0	37.6



#44
 2,4,5-Trichlorophenol
 Concen: 79.532 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

Tgt Ion	196	Resp	376535
Ion Ratio	Lower	Upper	
196	100		
198	100.6	82.0	123.0
97	50.6	37.0	55.6
132	29.5	22.2	33.2

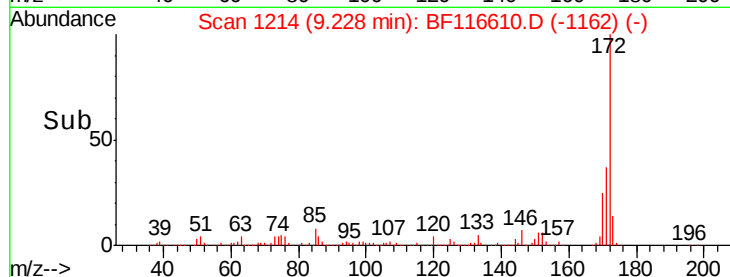
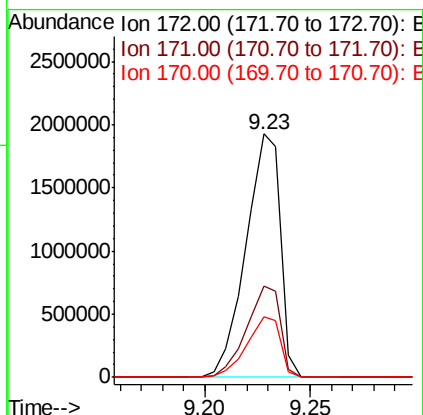
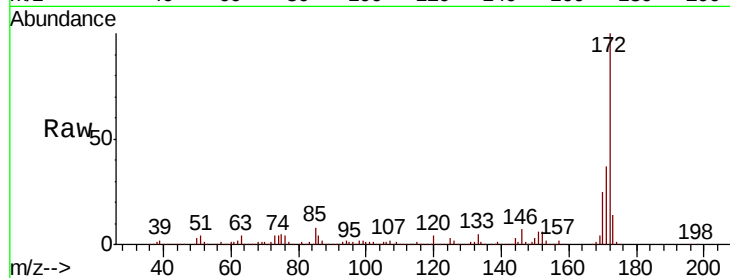




#45
 2-Fluorobiphenyl
 Concen: 142.242 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.01 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

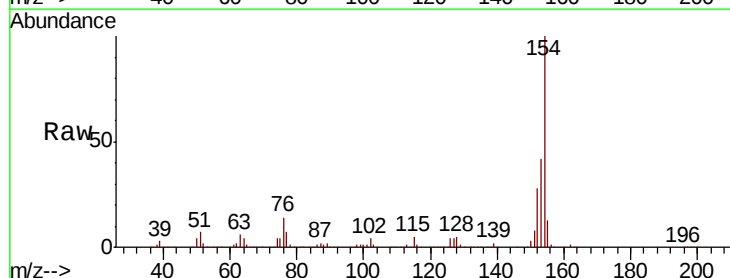
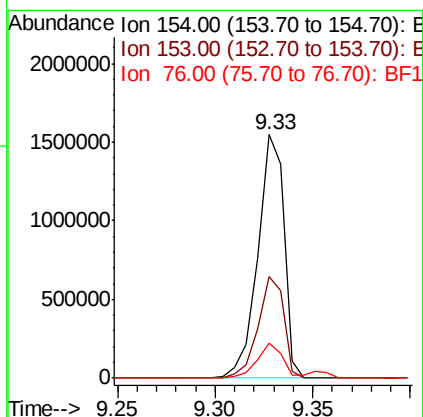
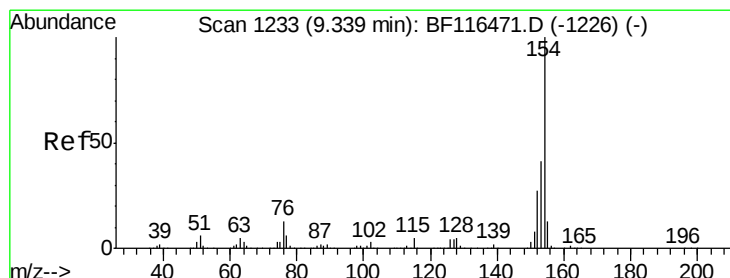
Instrument :
 BNA_F
 ClientSampleId :

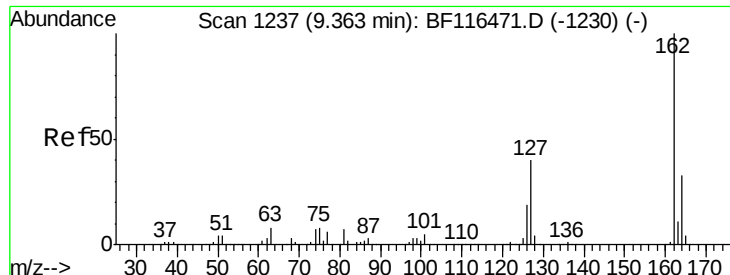
Tot Ion:172 Resp: 2182608
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.0 43.6
 170 25.0 19.3 28.9



#46
 1,1'-Biphenyl
 Concen: 72.807 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

Tgt Ion:154 Resp: 1438409
 Ion Ratio Lower Upper
 154 100
 153 41.7 21.4 61.4
 76 14.5 0.0 31.8

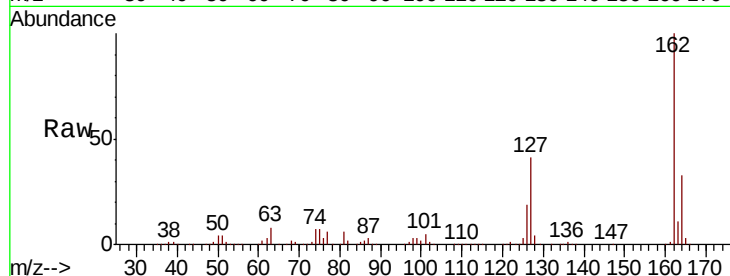




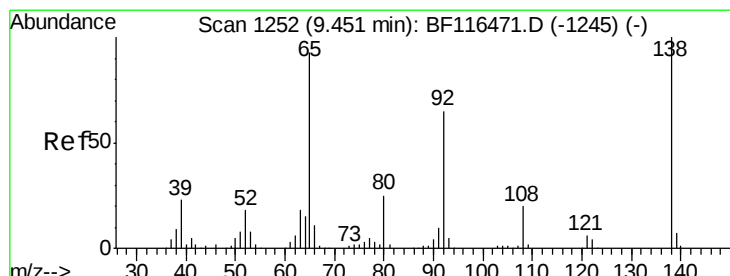
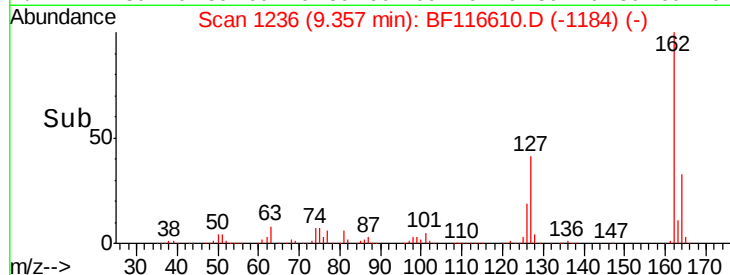
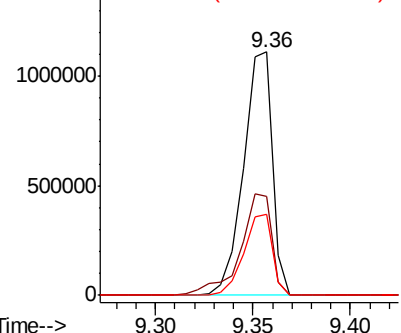
#47
 2-Chloronaphthalene
 Concen: 74.263 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.01 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 1137430
 Ion Ratio Lower Upper
 162 100
 127 40.8 31.1 46.7
 164 33.1 26.8 40.2

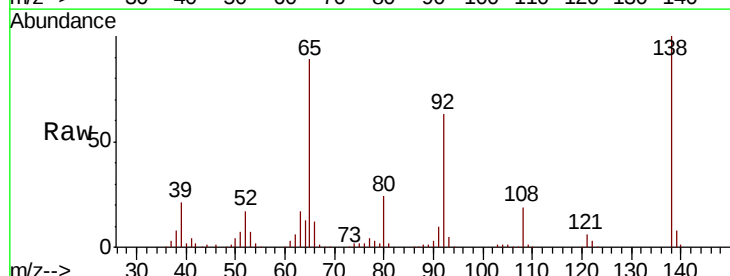


Abundance Ion 162.00 (161.70 to 162.70): E
 1500000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

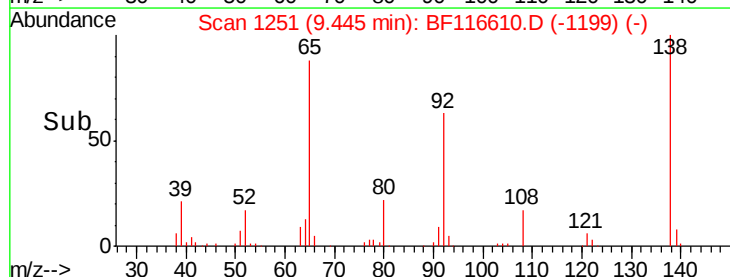
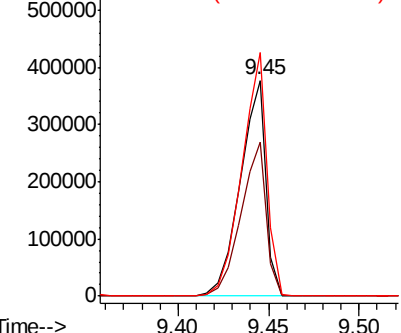


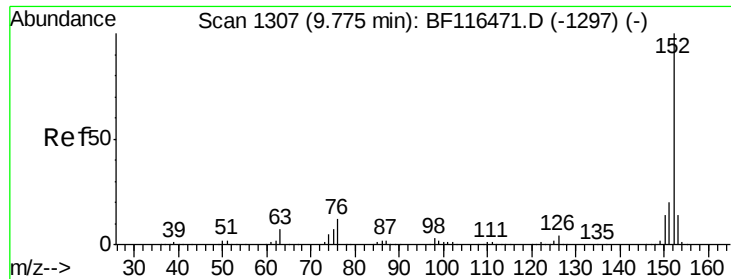
#48
 2-Nitroaniline
 Concen: 78.570 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.01 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

Tgt Ion: 65 Resp: 368465
 Ion Ratio Lower Upper
 65 100
 92 71.1 58.2 87.2
 138 112.7 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: 72.814 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

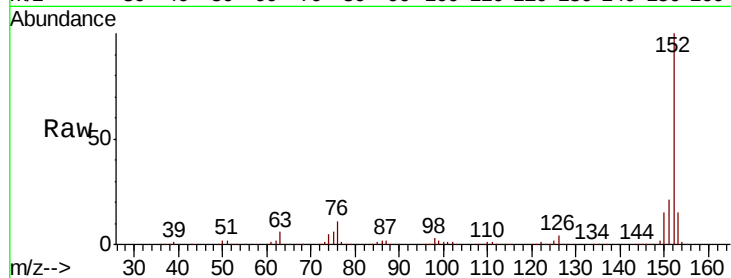
Tot Ion:152 Resp: 1631656

Ion Ratio Lower Upper

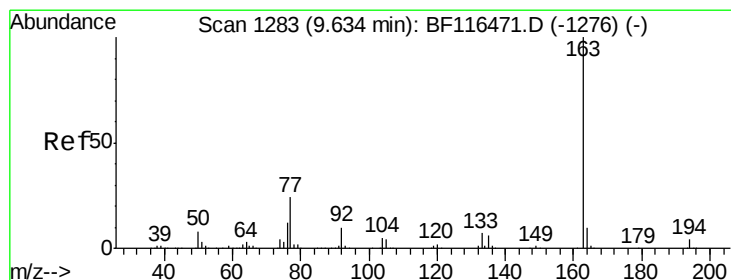
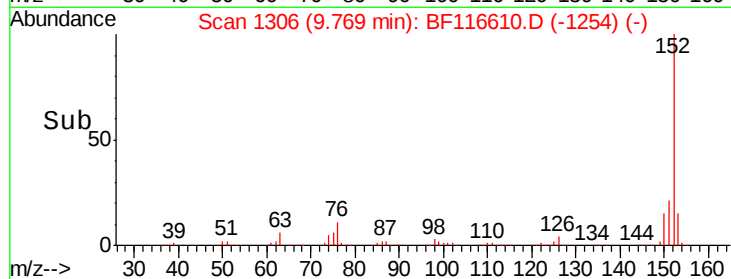
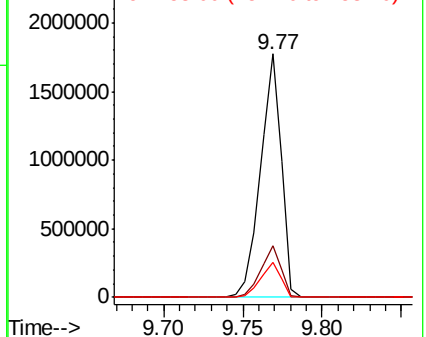
152 100

151 21.4 16.4 24.6

153 14.5 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: 73.440 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

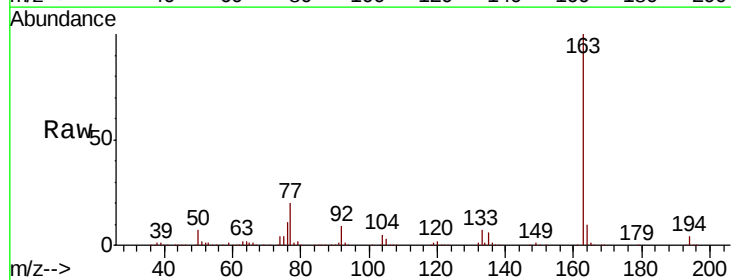
Tgt Ion:163 Resp: 1266162

Ion Ratio Lower Upper

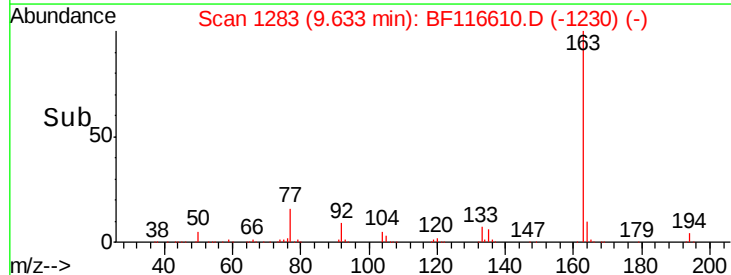
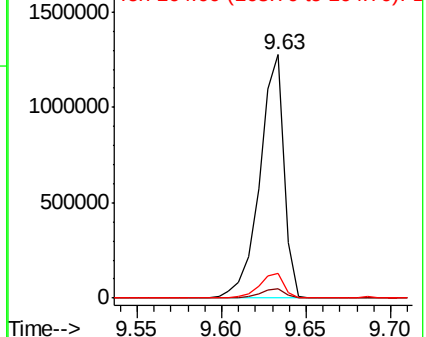
163 100

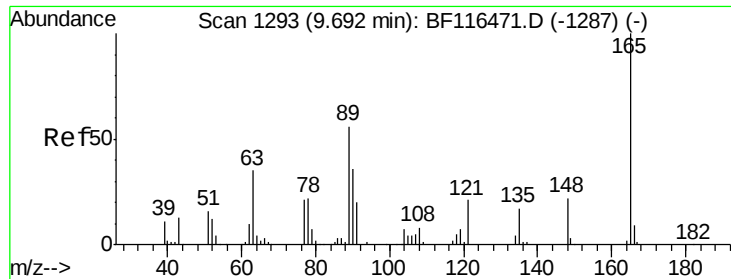
194 4.0 3.0 4.6

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: 80.601 ng

RT: 9.69 min Scan# 1292

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Instrument :

BNA_F

ClientSampled :

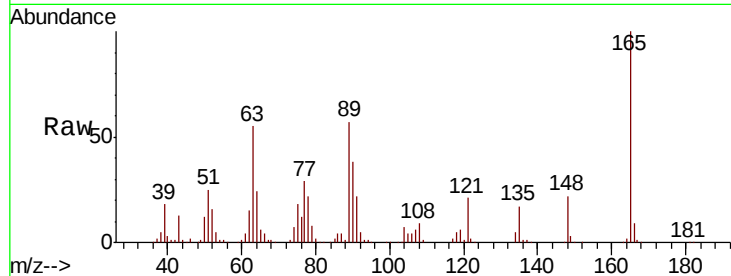
Tot Ion:165 Resp: 284432

Ion Ratio Lower Upper

165 100

63 54.9 37.2 55.8

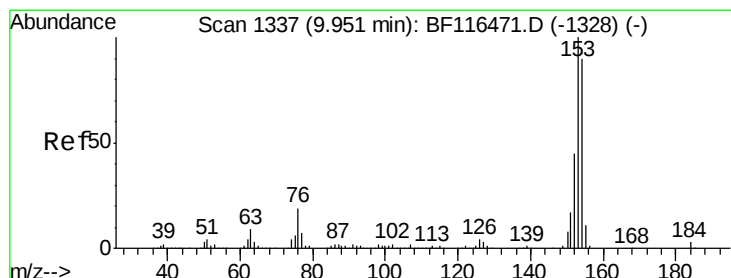
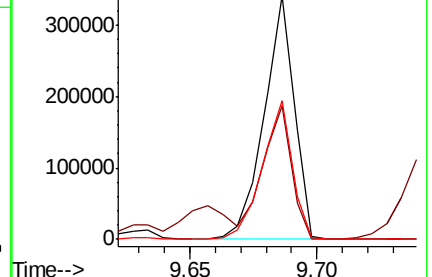
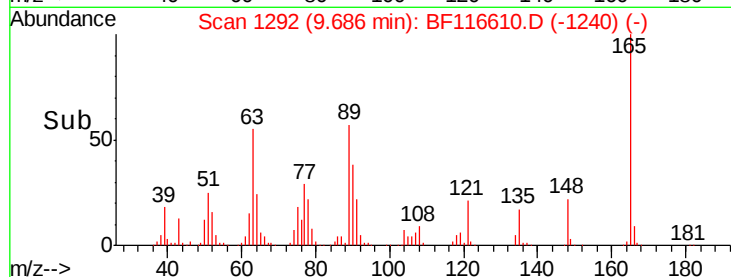
89 57.0 40.8 61.2



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: 75.584 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

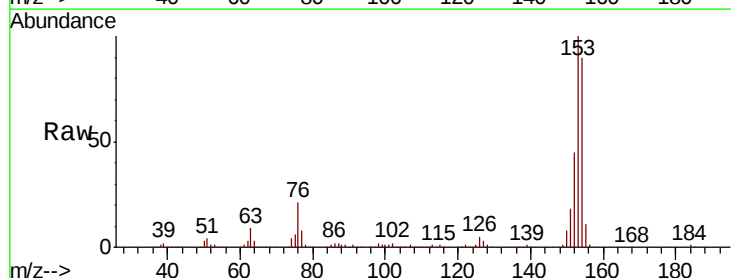
Tgt Ion:154 Resp: 1086819

Ion Ratio Lower Upper

154 100

153 111.4 86.6 129.8

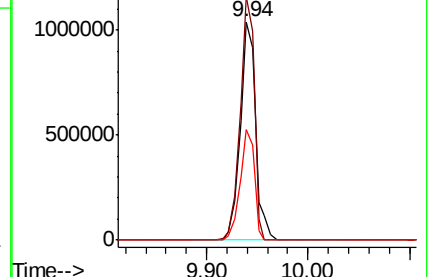
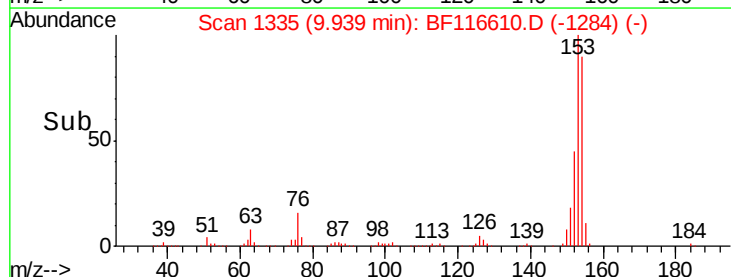
152 50.6 39.4 59.0

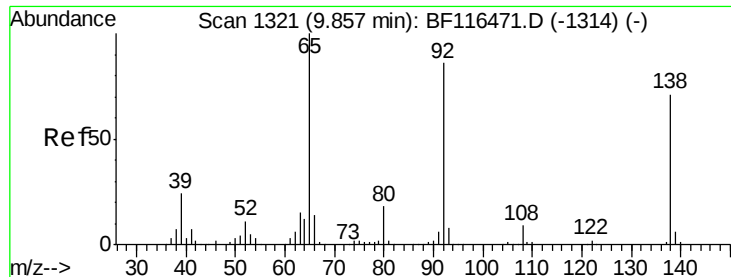


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

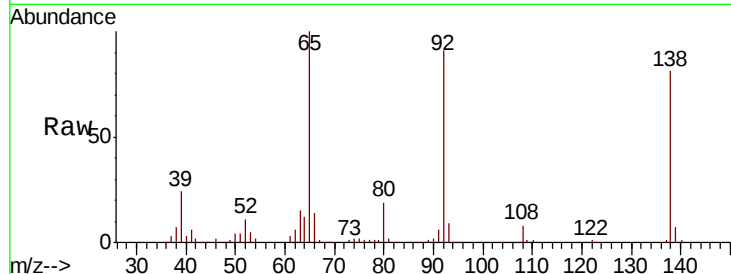




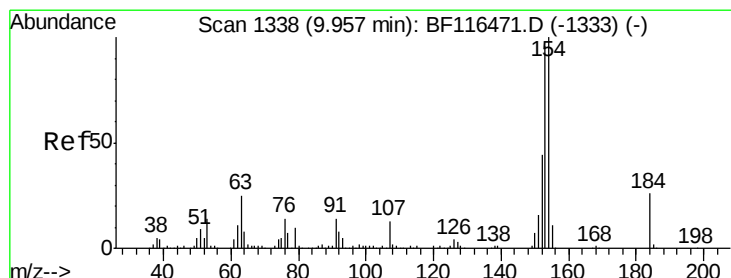
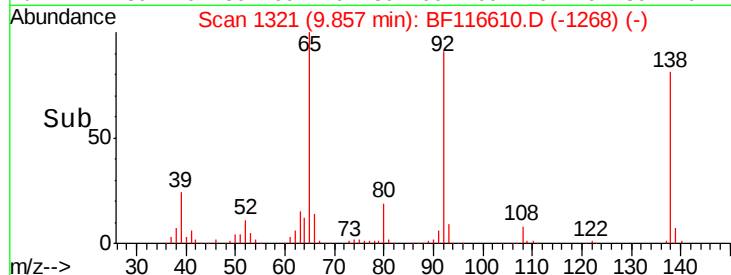
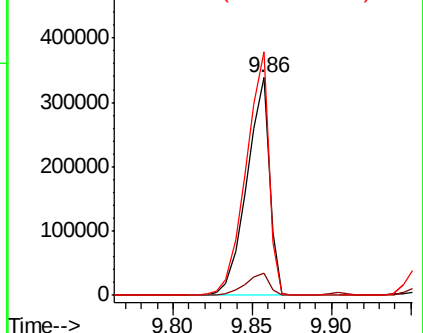
#53
3-Nitroaniline
Concen: 79.737 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 335414
Ion Ratio Lower Upper
138 100
108 10.4 8.5 12.7
92 111.8 91.6 137.4

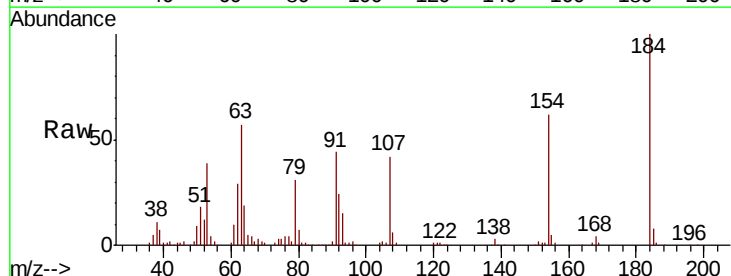


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

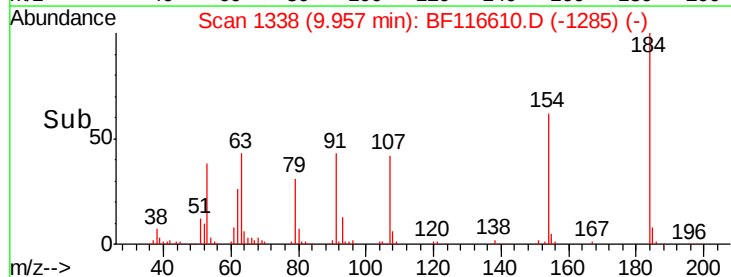
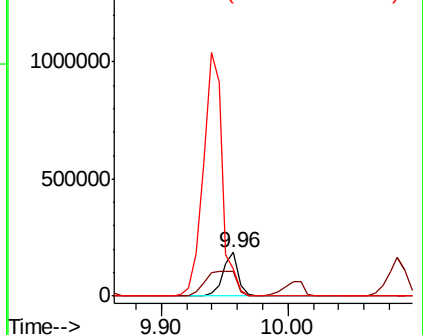


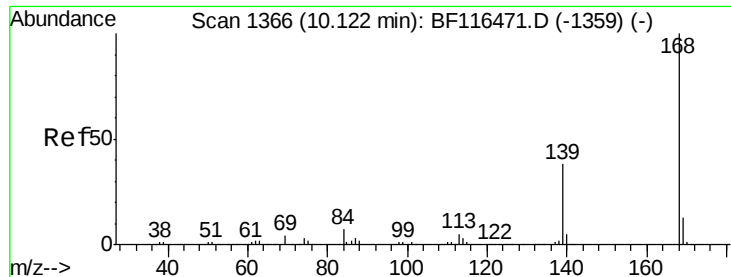
#54
2,4-Dinitrophenol
Concen: 139.631 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion:184 Resp: 154926
Ion Ratio Lower Upper
184 100
63 56.5 62.7 94.1#
154 61.8 150.0 225.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

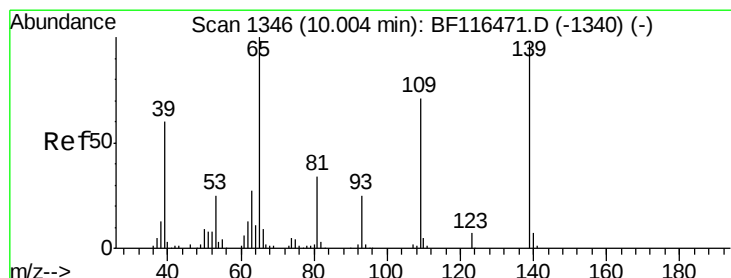
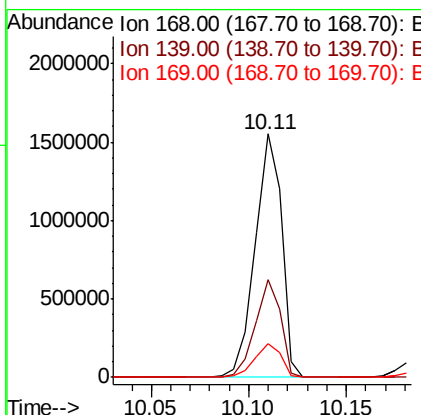
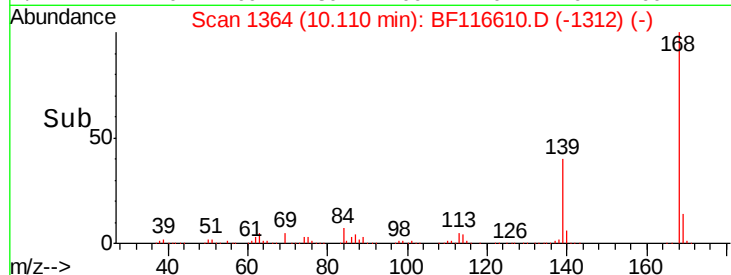
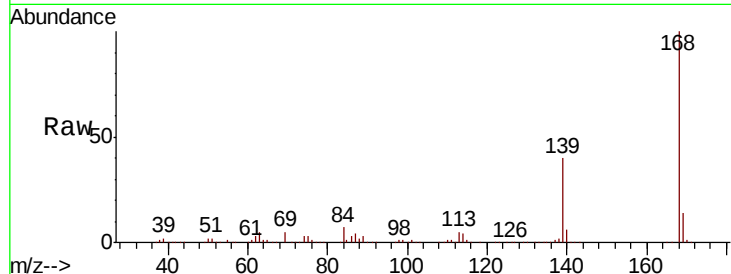




#55
Dibenzenofuran
Concen: 72.641 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

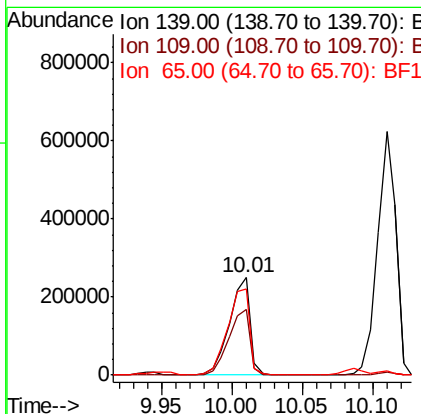
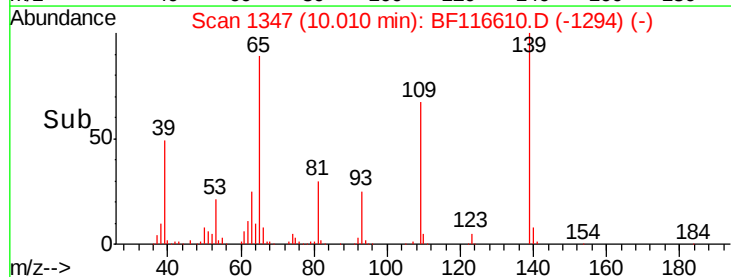
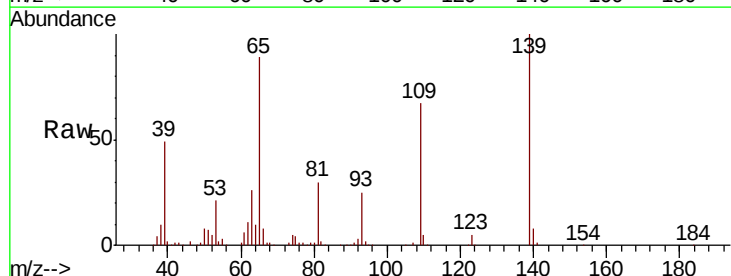
Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1456005
Ion Ratio Lower Upper
168 100
139 40.2 31.3 46.9
169 13.8 11.3 16.9



#56
4-Nitrophenol
Concen: 78.115 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion:139 Resp: 255397
Ion Ratio Lower Upper
139 100
109 67.0 45.5 85.5
65 89.3 66.8 106.8

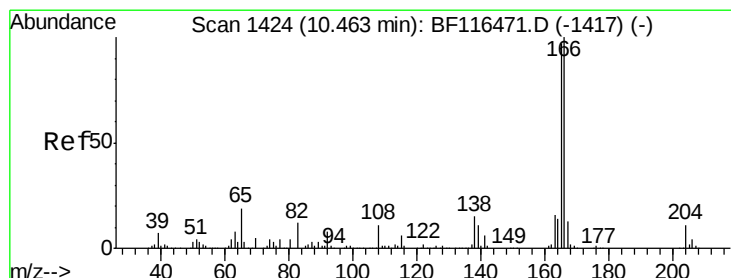
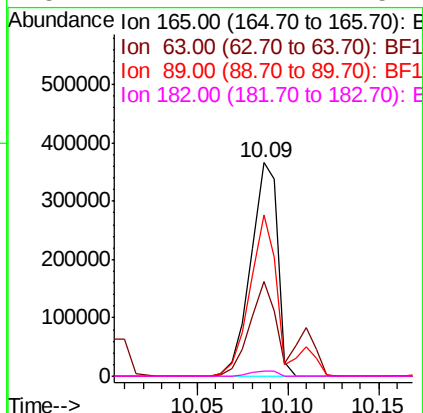
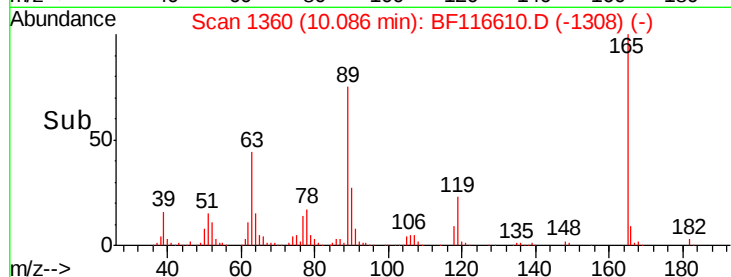
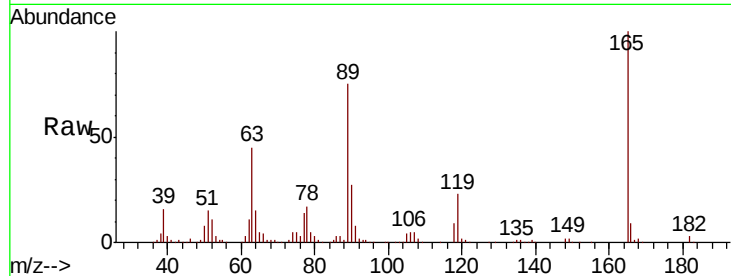




#57
2,4-Dinitrotoluene
Concen: 83.999 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

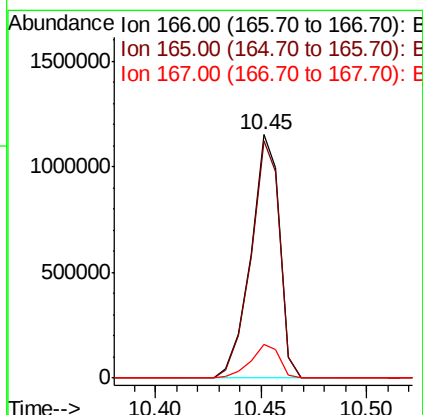
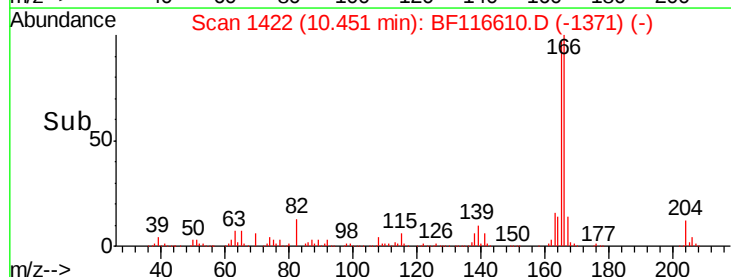
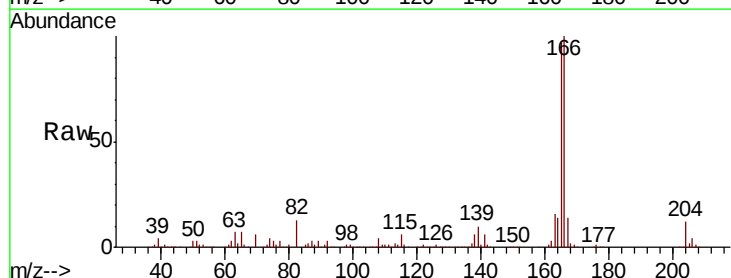
Instrument :
BNA_F
ClientSampleId :

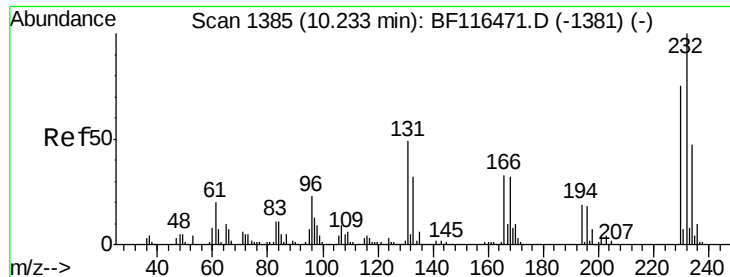
Tot Ion:165	Resp:	377189
Ion	Ratio	Lower Upper
165	100	
63	44.5	30.9 46.3
89	75.3	55.0 82.6
182	2.7	2.2 3.2



#58
Fluorene
Concen: 70.093 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion:166	Resp:	1091540
Ion	Ratio	Lower Upper
166	100	
165	97.3	77.8 116.6
167	13.7	10.6 16.0

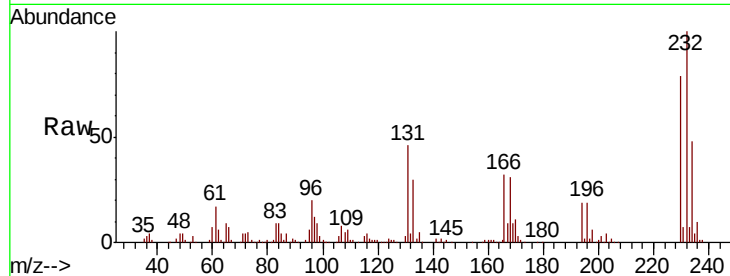




#59
2,3,4,6-Tetrachlorophenol
Concen: 77.838 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.3	37.7	56.5
130	2.5	1.8	2.6
166	33.5	25.5	38.3



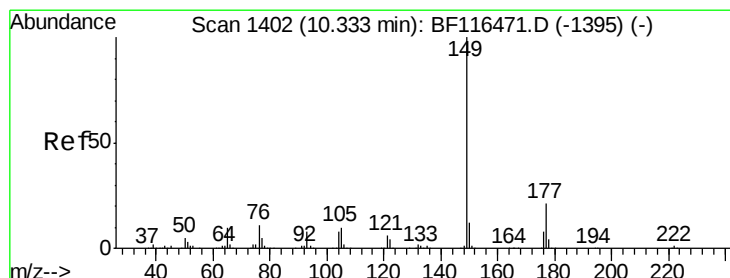
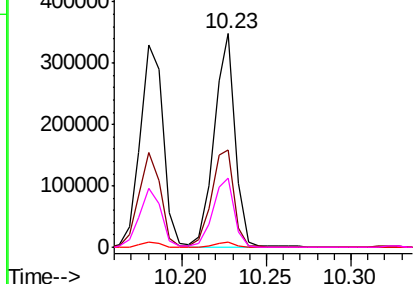
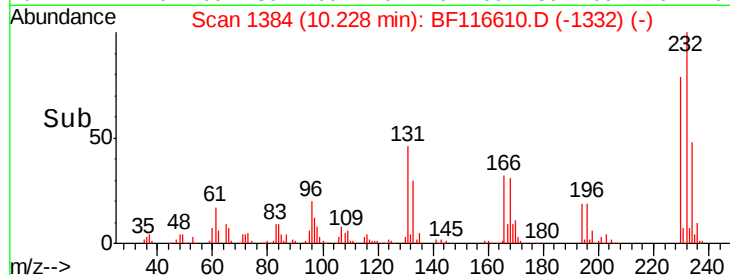
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

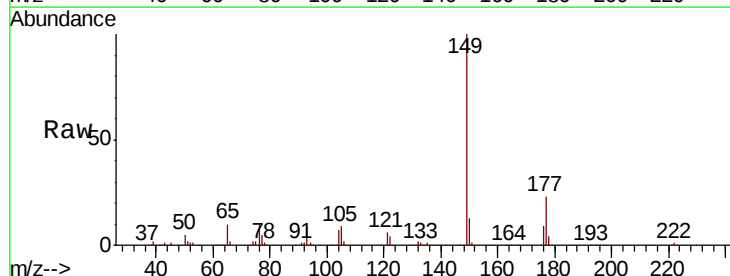
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 71.164 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.2	27.4
150	12.7	10.1	15.1

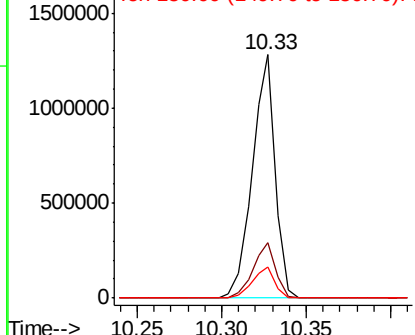
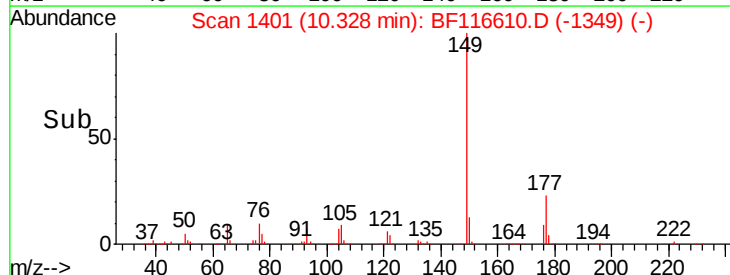


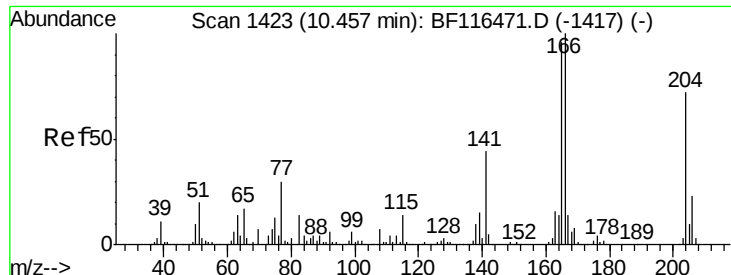
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

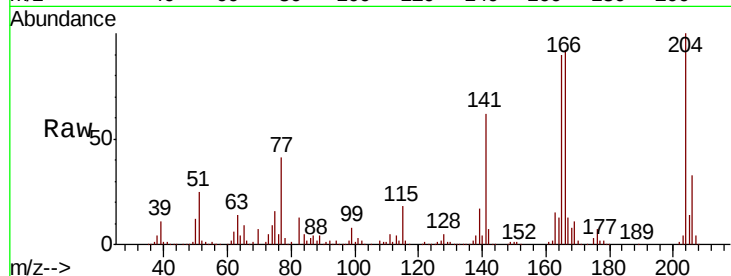




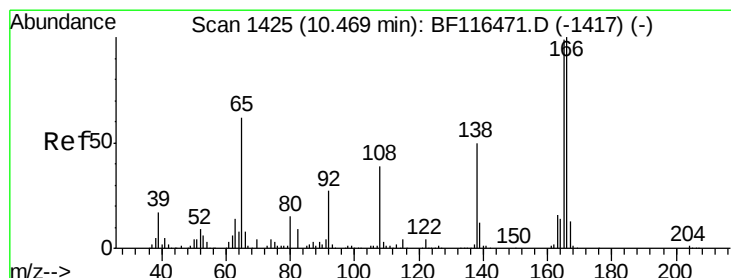
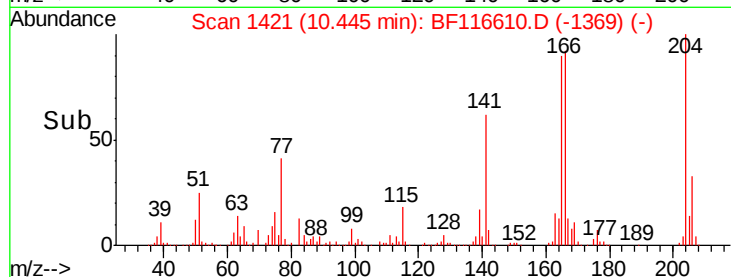
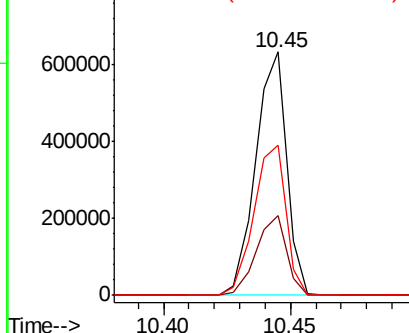
#61
4-Chlorophenyl-phenylether
Concen: 71.240 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 541222
Ion Ratio Lower Upper
204 100
206 33.0 26.0 39.0
141 61.7 47.9 71.9

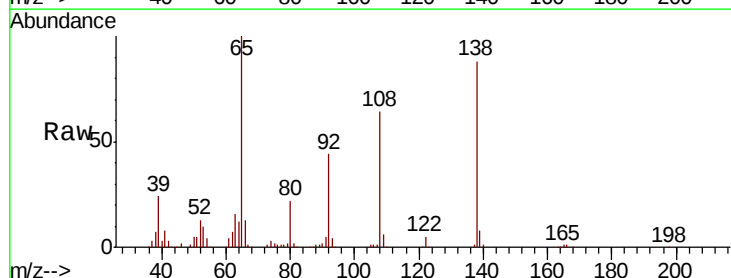


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

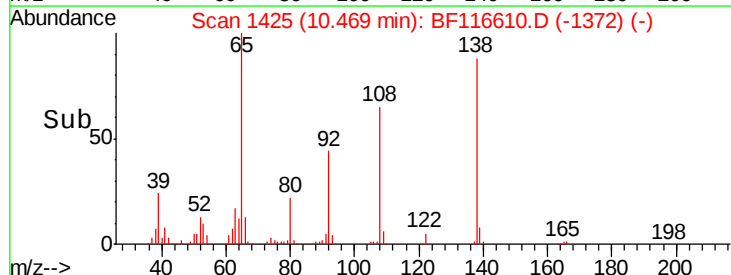
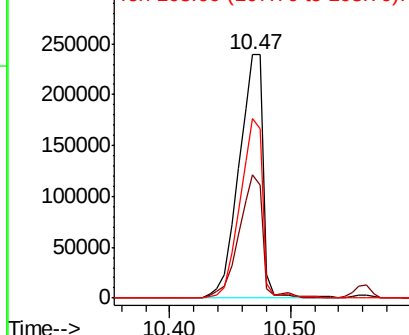


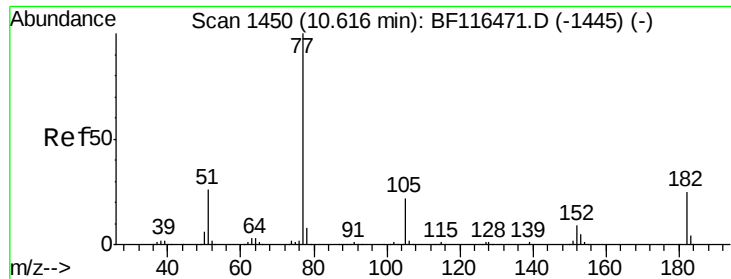
#62
4-Nitroaniline
Concen: 80.876 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion:138 Resp: 332726
Ion Ratio Lower Upper
138 100
92 50.8 28.9 68.9
108 73.6 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

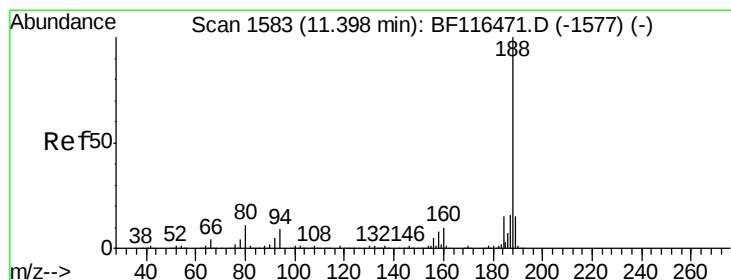
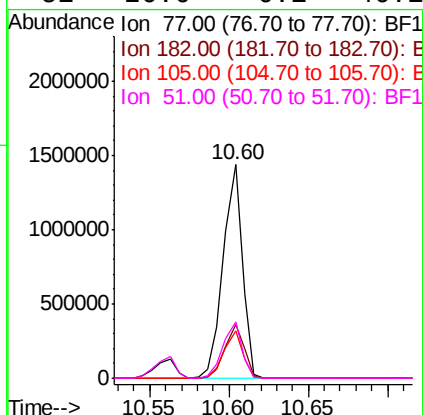
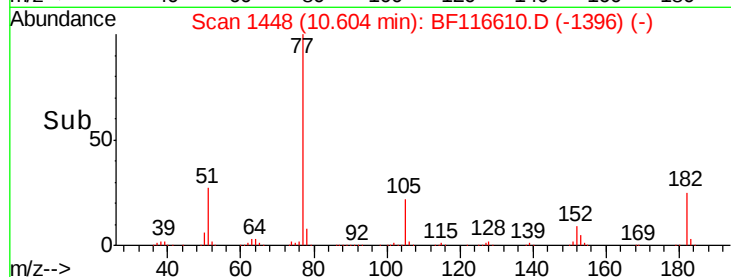
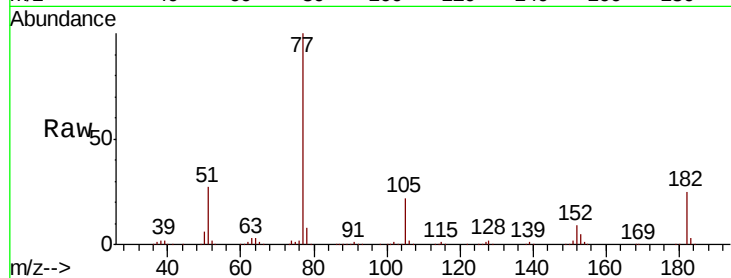




#63
Azobenzene
Concen: 69.677 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

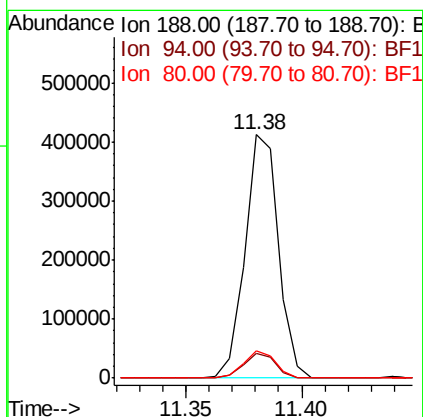
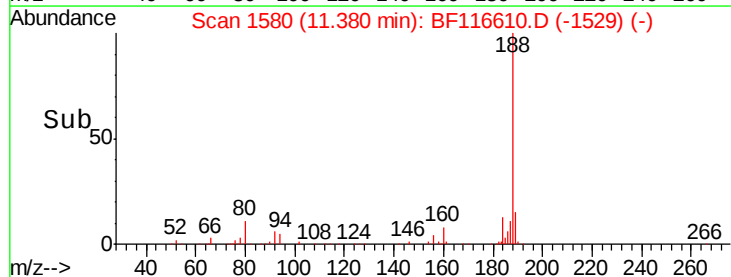
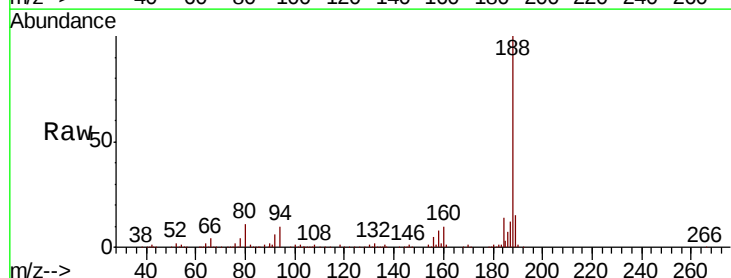
Instrument :
BNA_F
ClientSampleId :

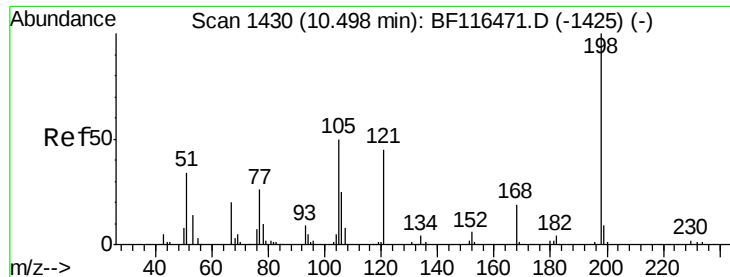
Tot Ion:	77	Resp:	1213992
Ion	Ratio	Lower	Upper
77	100		
182	24.9	3.8	43.8
105	22.2	1.6	41.6
51	26.6	6.1	46.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion:	188	Resp:	416371
Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.2	12.4
80	11.3	8.9	13.3





#65

4,6-Dinitro-2-methylphenol

Concen: 123.721 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Instrument :

BNA_F

ClientSampled :

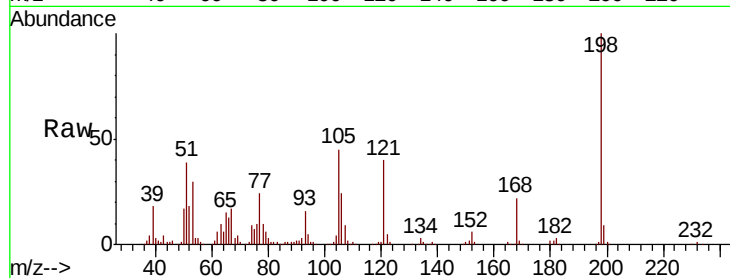
Tot Ion:198 Resp: 188198

Ion Ratio Lower Upper

198 100

51 39.4 21.9 61.9

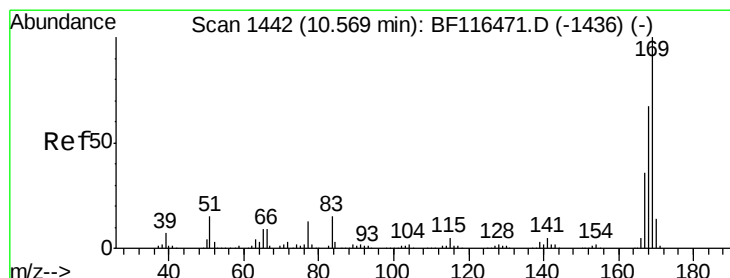
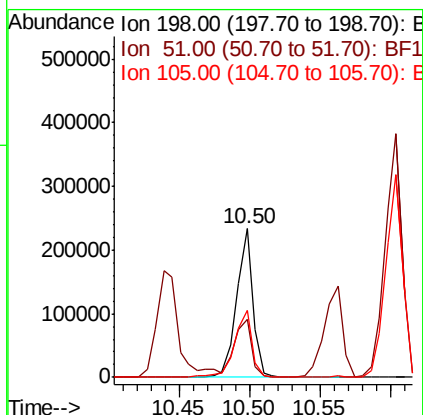
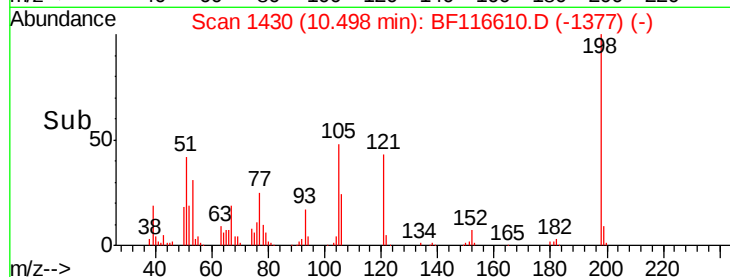
105 45.0 25.2 65.2



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: 73.660 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

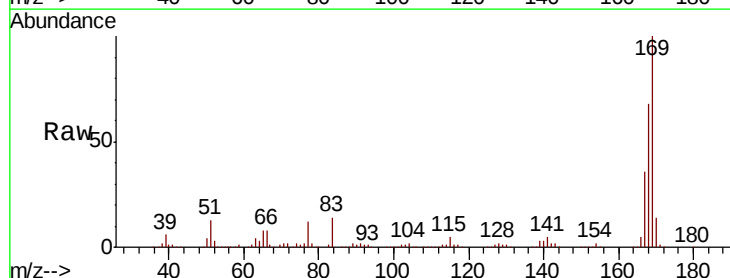
Tgt Ion:169 Resp: 993083

Ion Ratio Lower Upper

169 100

168 67.6 53.8 80.8

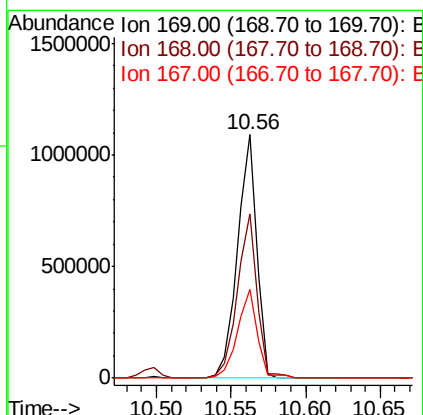
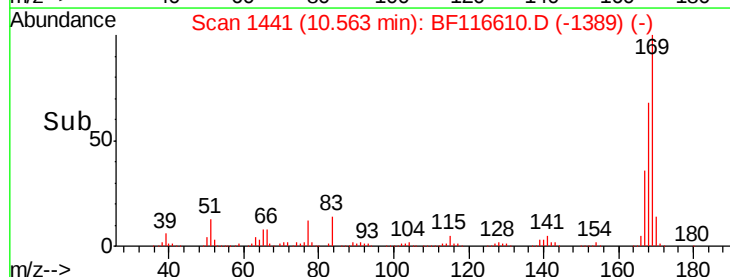
167 36.3 29.3 43.9

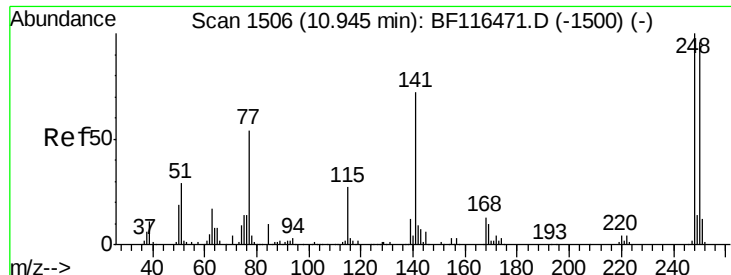


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

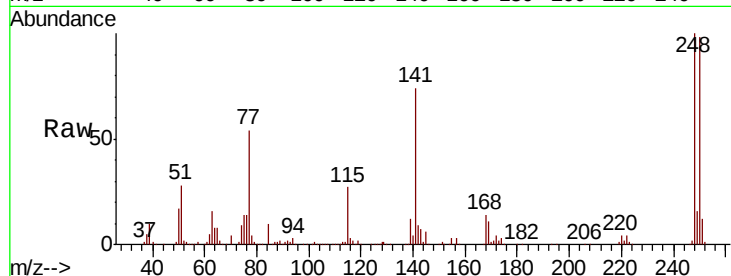




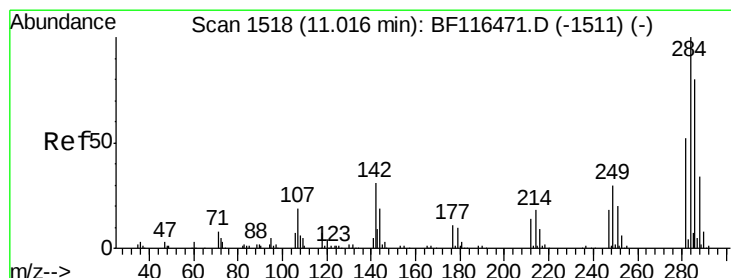
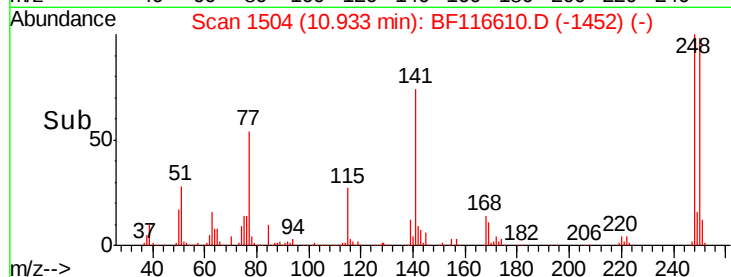
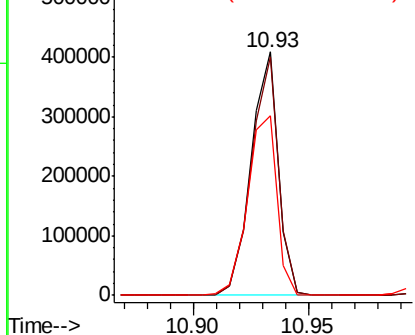
#67
4-Bromophenyl-phenylether
Concen: 77.612 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 338791
Ion Ratio Lower Upper
248 100
250 97.7 76.6 115.0
141 73.7 60.8 91.2

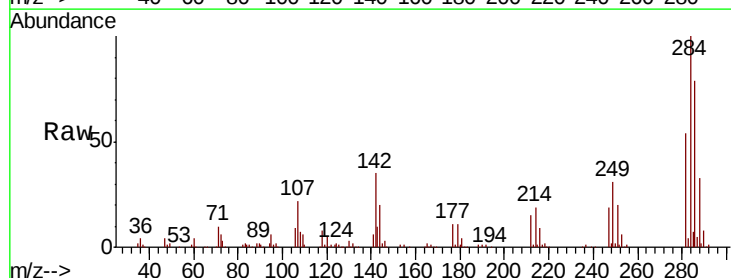


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

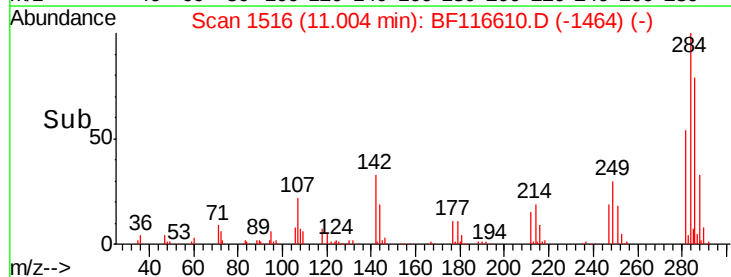
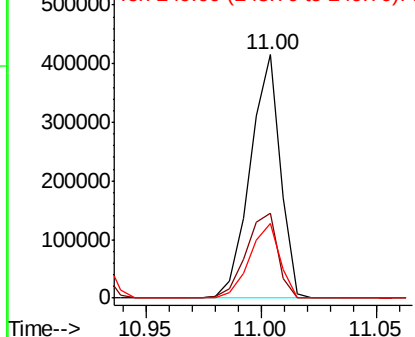


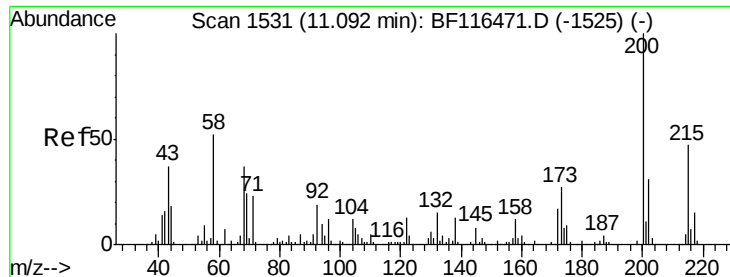
#68
Hexachlorobenzene
Concen: 78.438 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion:284 Resp: 378701
Ion Ratio Lower Upper
284 100
142 34.9 27.8 41.8
249 30.9 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

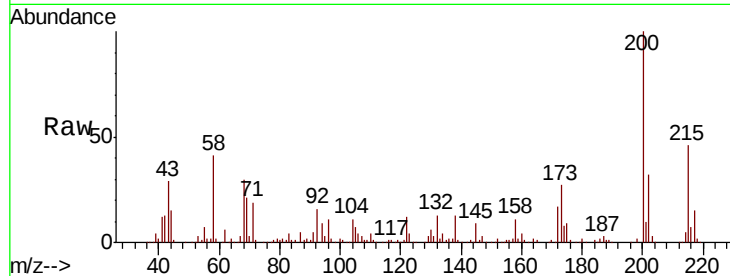




#69
 Atrazine
 Concen: 71.457 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. 0.01 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.8	46.8
215	45.5	28.5	68.5

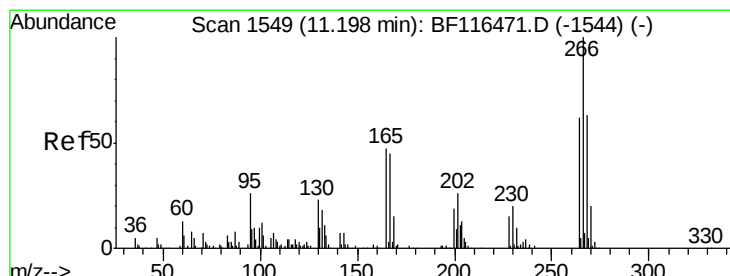
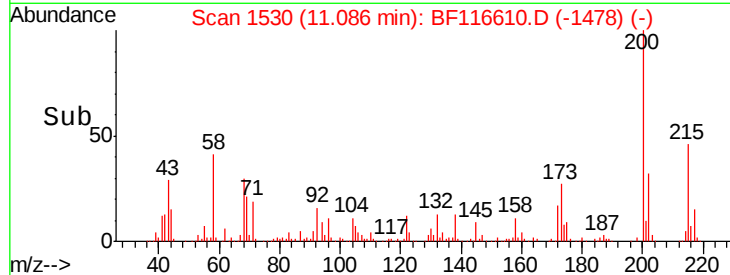
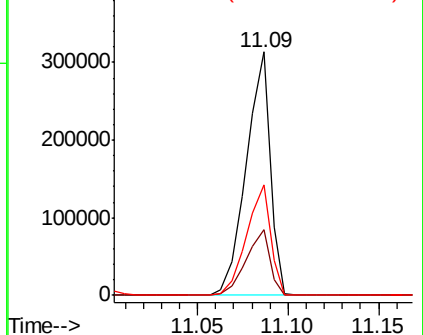


Abundance

Ion 200.00 (199.70 to 200.70): E

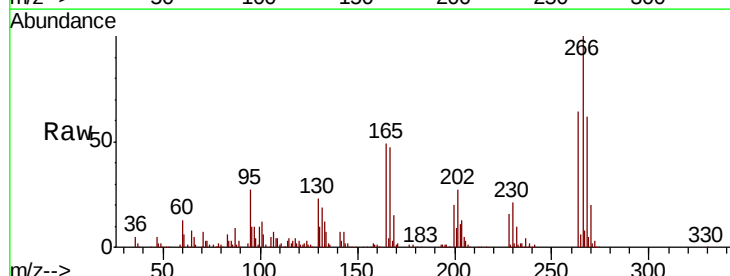
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 82.113 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.00 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.2	49.8	74.8
264	64.1	49.9	74.9

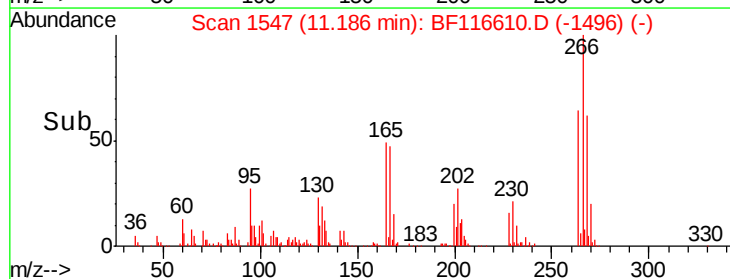
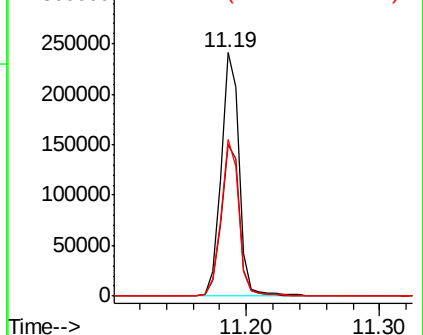


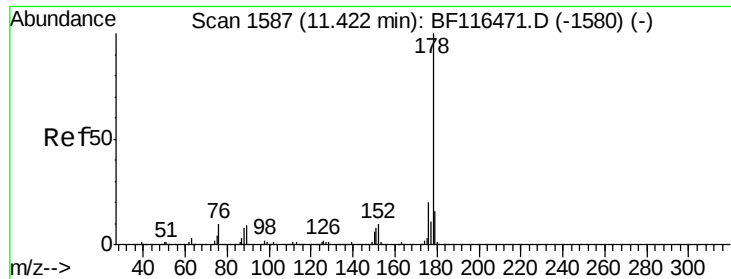
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

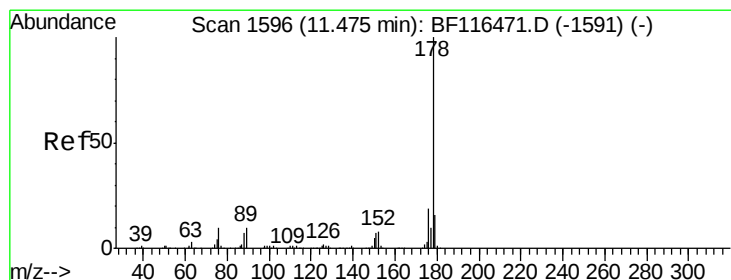
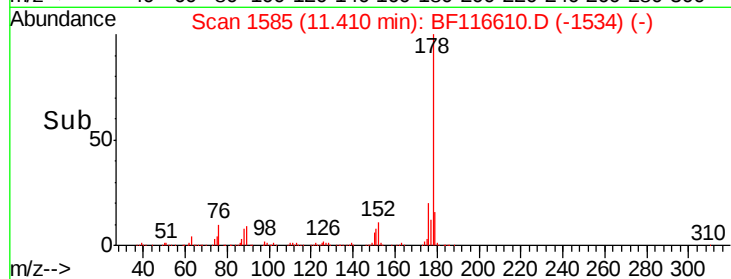
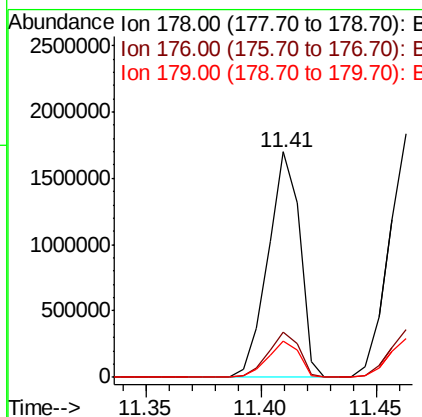
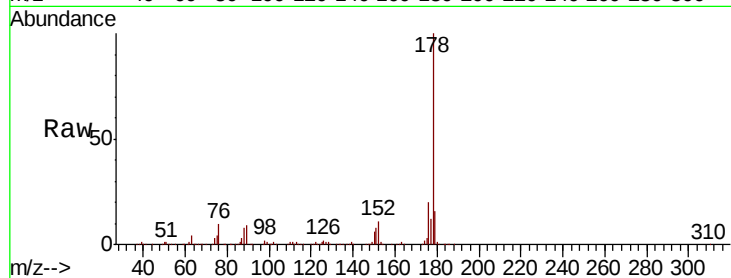




#71
Phenanthrene
Concen: 71.629 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

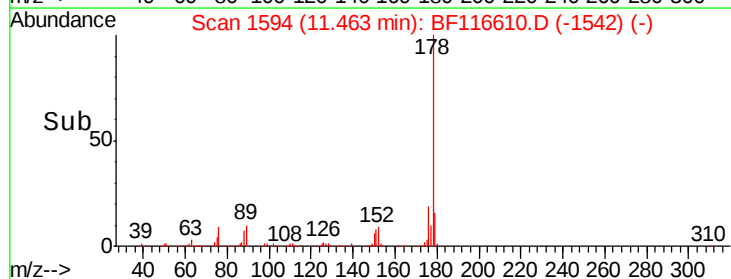
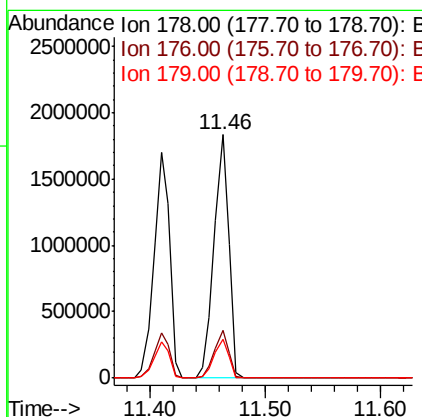
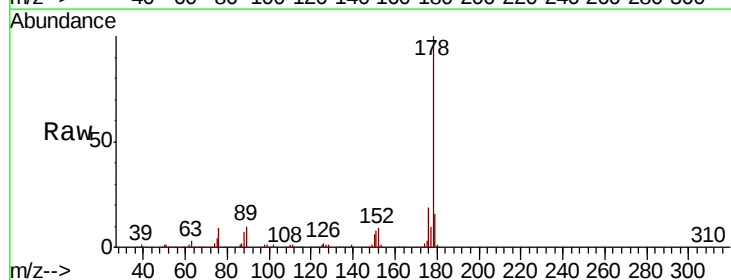
Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 1624710
Ion Ratio Lower Upper
178 100
176 20.3 15.5 23.3
179 16.2 12.4 18.6



#72
Anthracene
Concen: 71.757 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion:178 Resp: 1635520
Ion Ratio Lower Upper
178 100
176 19.5 15.1 22.7
179 15.7 12.7 19.1

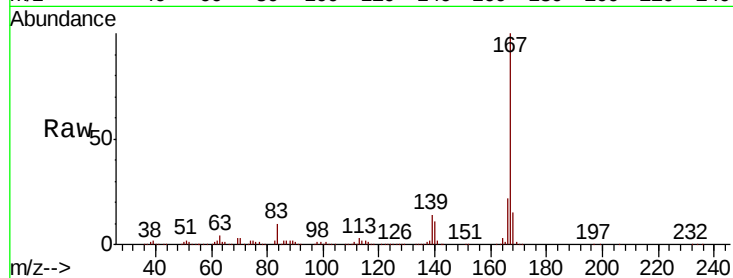




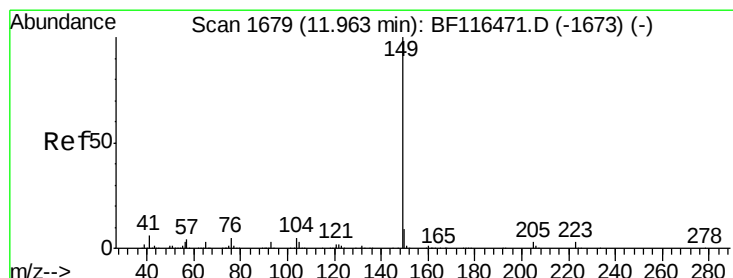
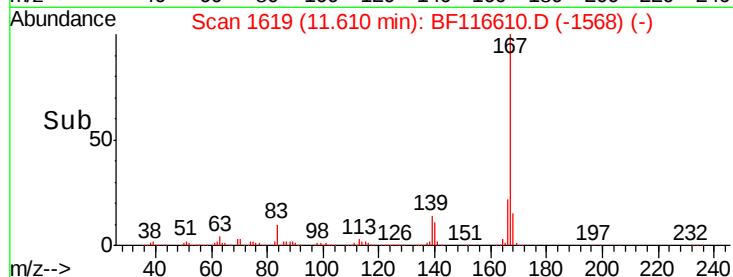
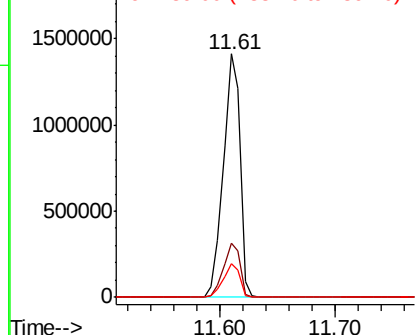
#73
 Carbazole
 Concen: 69.340 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1418614
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.9 26.9
 139 14.1 10.3 15.5

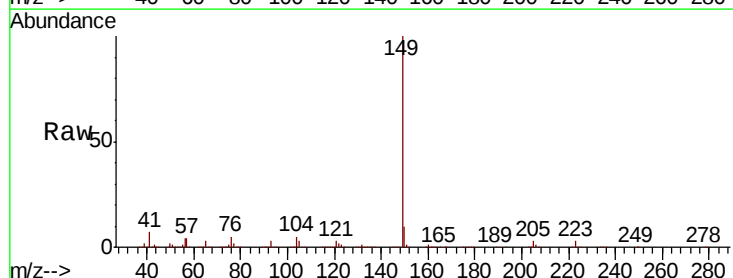


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

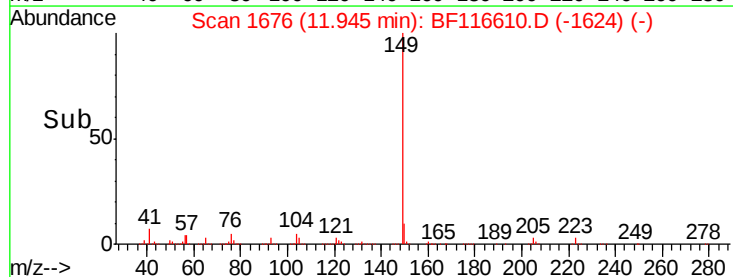
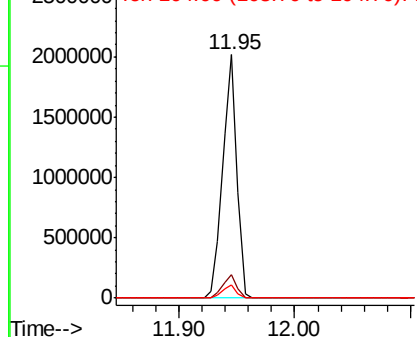


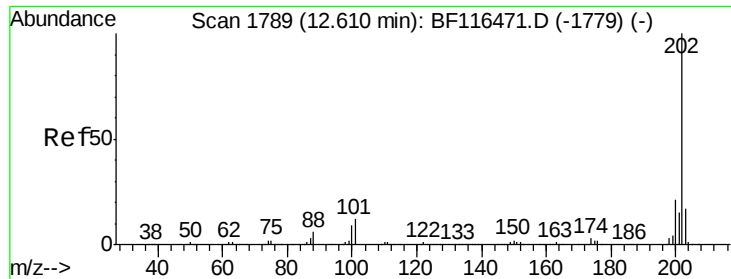
#74
 Di-n-butylphthalate
 Concen: 67.194 ng
 RT: 11.95 min Scan# 1676
 Delta R.T. 0.01 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

Tgt Ion:149 Resp: 1703486
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.5 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

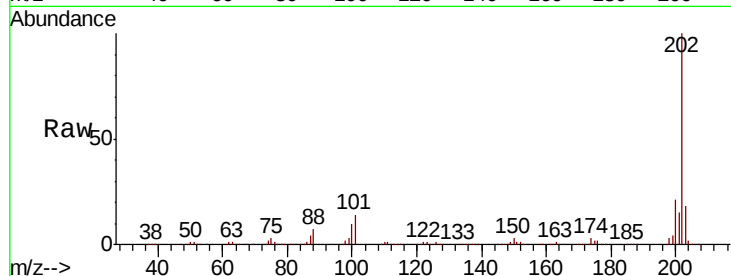




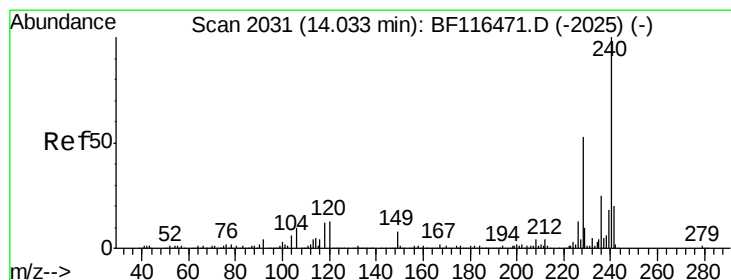
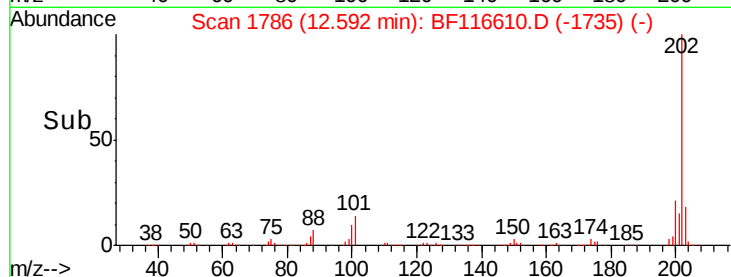
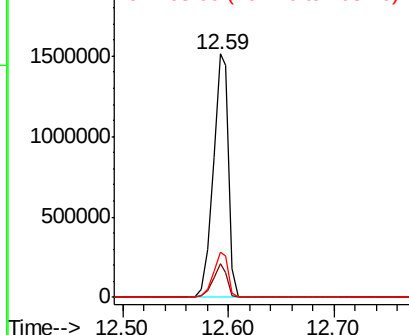
#75
 Fluoranthene
 Concen: 65.953 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1546612
 Ion Ratio Lower Upper
 202 100
 101 13.9 0.0 31.8
 203 18.3 0.0 37.1

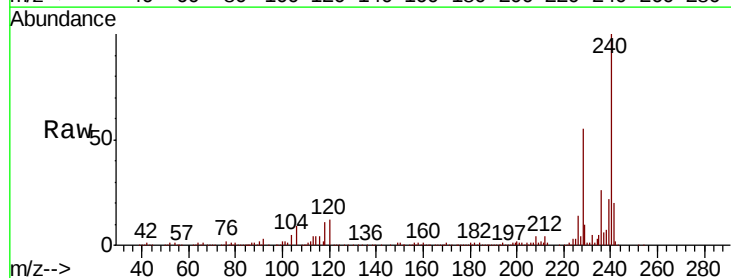


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

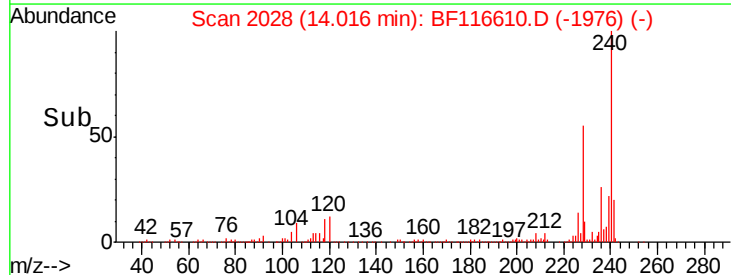
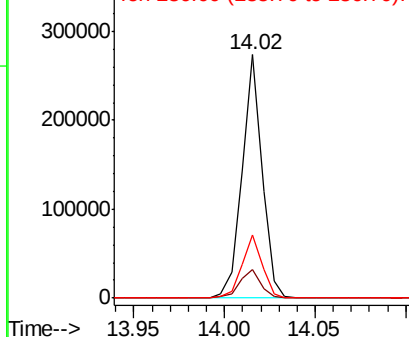


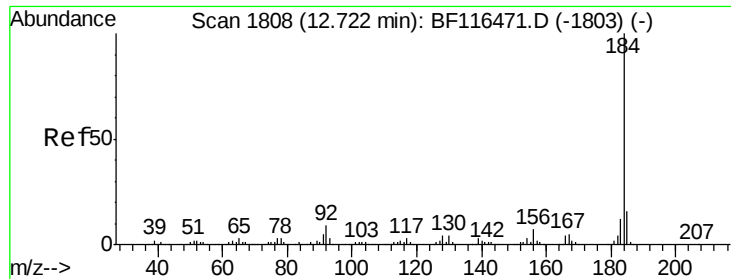
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

Tgt Ion:240 Resp: 210506
 Ion Ratio Lower Upper
 240 100
 120 11.6 11.3 16.9
 236 26.1 21.4 32.2



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





#77

Benzidine

Concen: 59.835 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

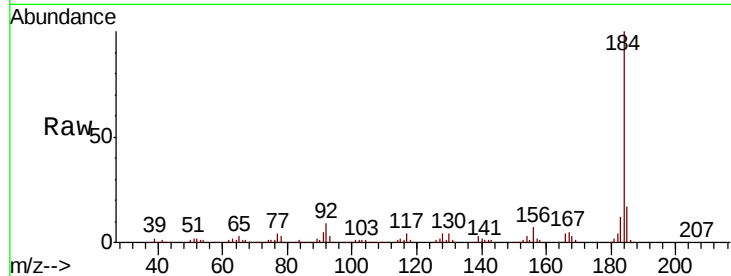
Tot Ion:184 Resp: 506763

Ion Ratio Lower Upper

184 100

185 16.7 11.5 17.3

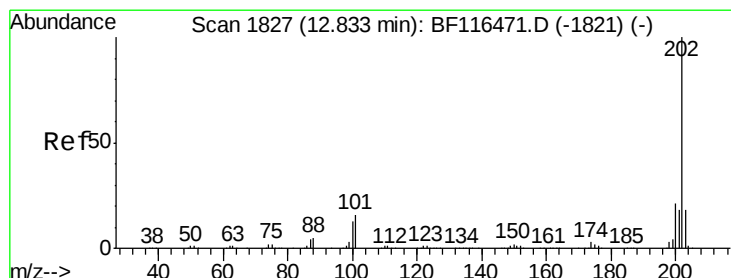
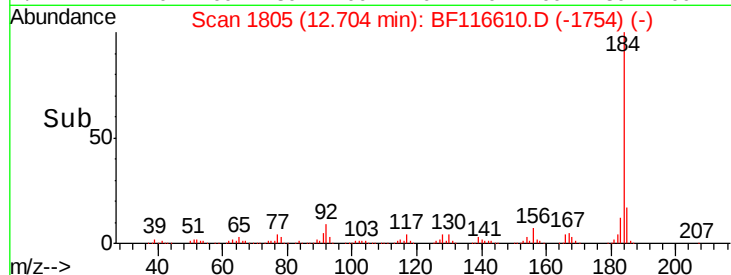
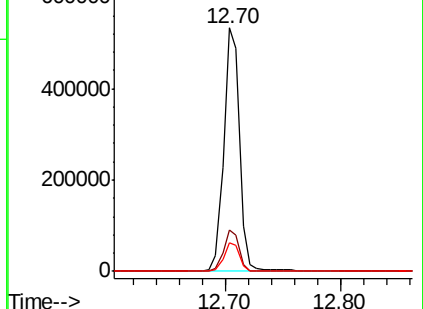
183 11.8 9.3 13.9



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: 91.459 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

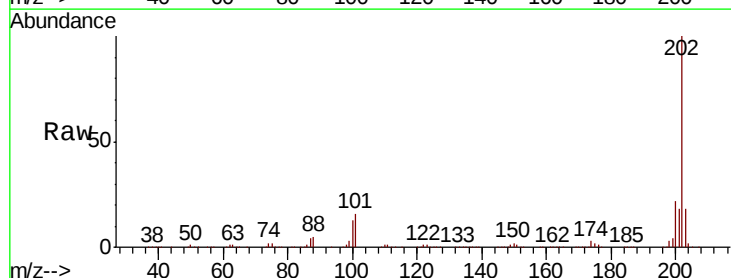
Tgt Ion:202 Resp: 1539657

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.0

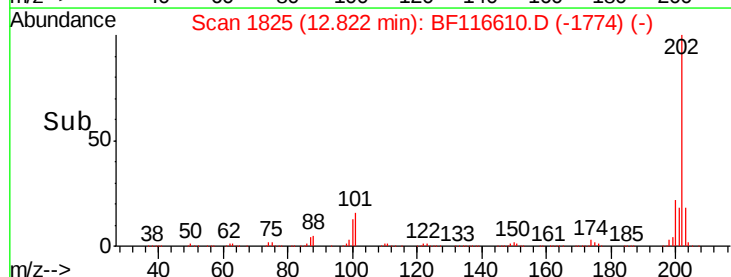
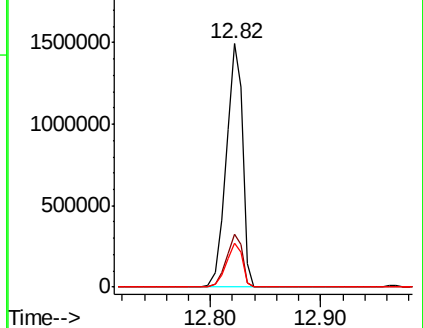
203 17.8 14.2 21.4

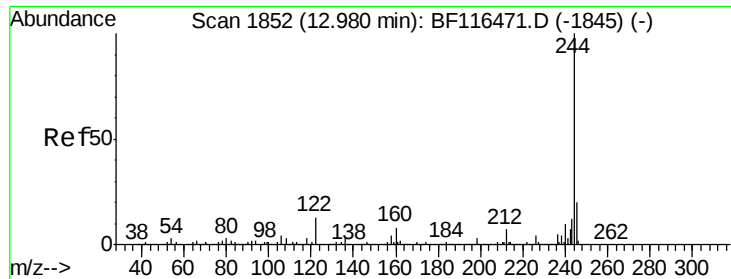


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



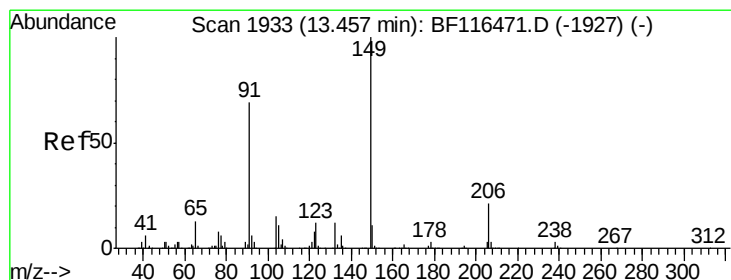
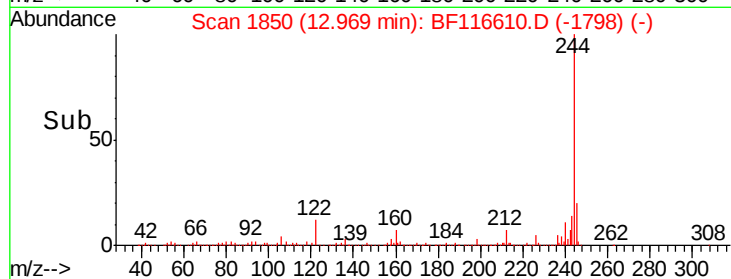
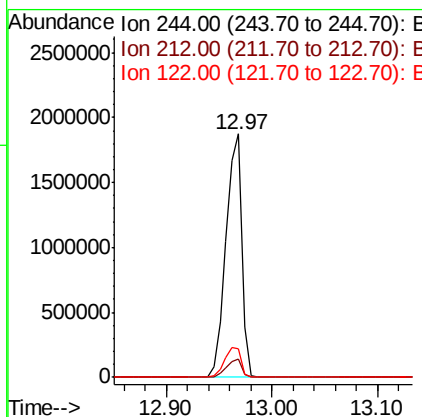
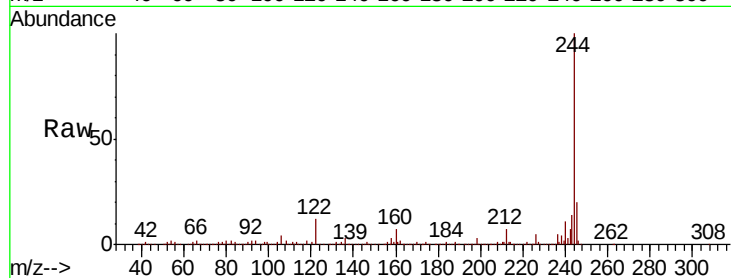


#79
 Terphenyl-d14
 Concen: 172.899 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.01 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1948513

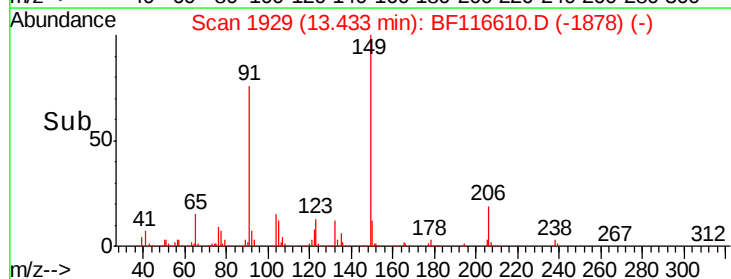
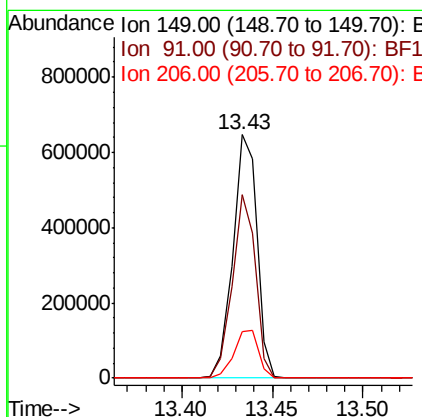
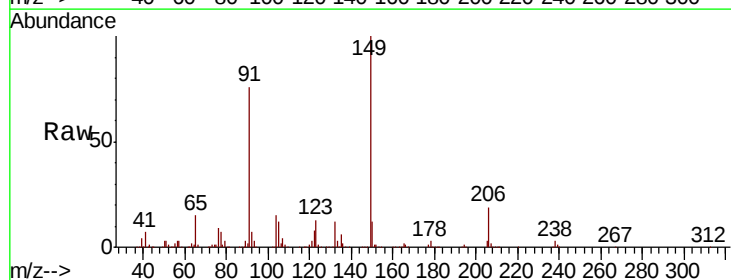
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	11.6	10.0	15.0

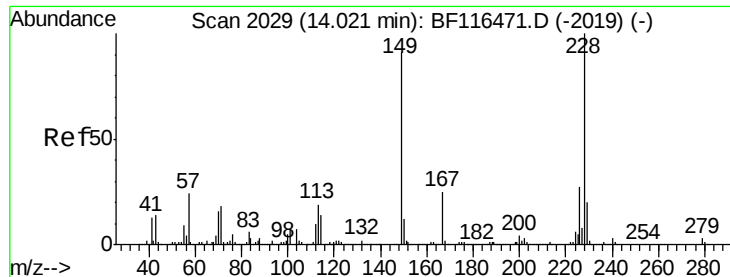


#80
 Butylbenzylphthalate
 Concen: 82.042 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

Tgt Ion:149 Resp: 596464

Ion	Ratio	Lower	Upper
149	100		
91	75.5	57.9	86.9
206	18.9	16.2	24.4





#81

Benzo(a)anthracene

Concen: 77.502 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

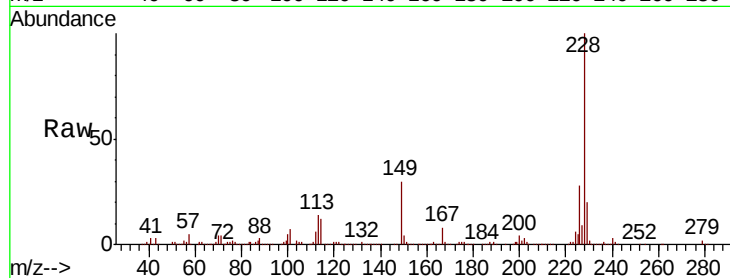
Tot Ion:228 Resp: 1056637

Ion Ratio Lower Upper

228 100

226 27.8 21.5 32.3

229 20.3 15.4 23.0

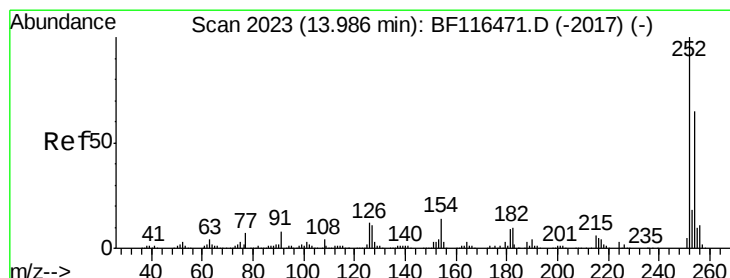
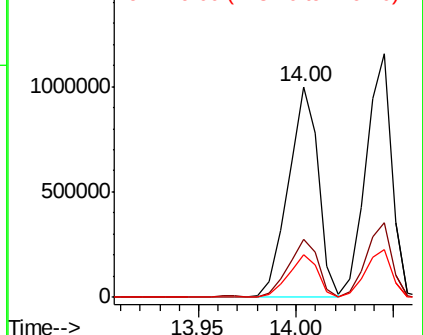
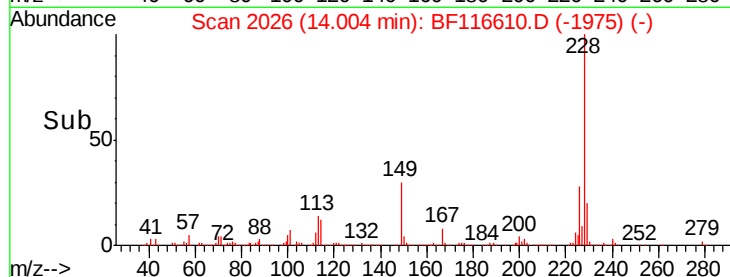


Abundance

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: 71.639 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

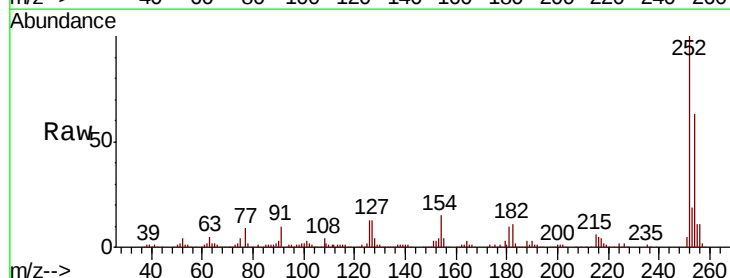
Tgt Ion:252 Resp: 348063

Ion Ratio Lower Upper

252 100

254 63.3 51.9 77.9

126 13.5 8.7 13.1#

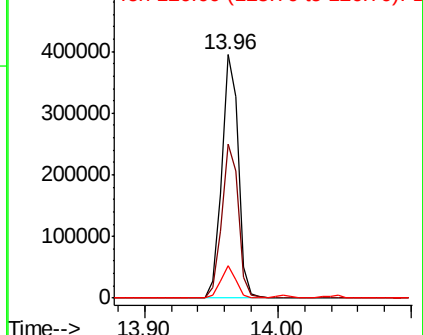
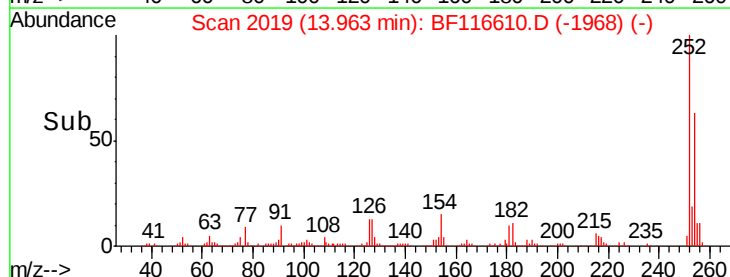


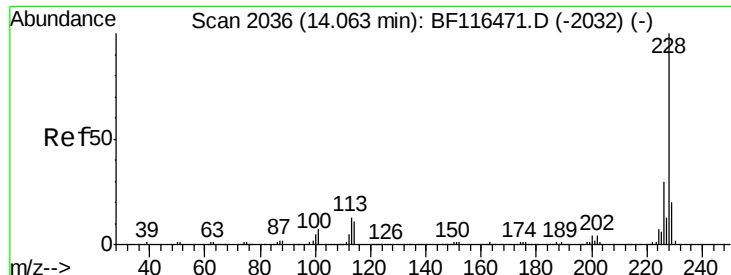
Abundance

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

Chrysene

Concen: 76.476 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

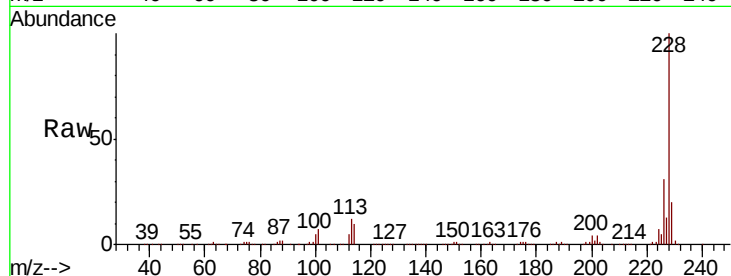
Tot Ion:228 Resp: 1056806

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	19.8	15.8	23.8

228 100

226 30.6 24.0 36.0

229 19.8 15.8 23.8

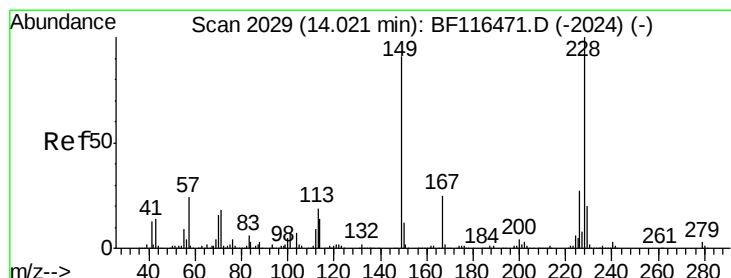
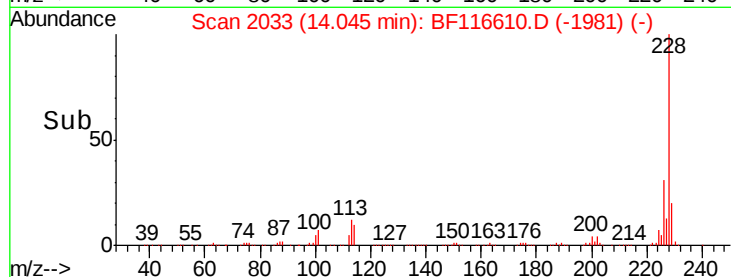
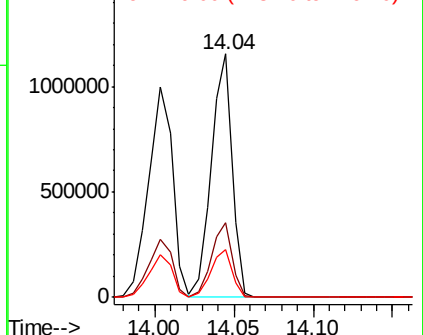


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 70.492 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

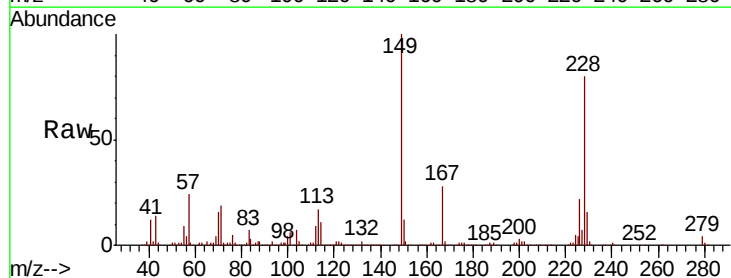
Tgt Ion:149 Resp: 683383

Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.2	31.8
279	4.0	2.7	4.1

149 100

167 27.7 21.2 31.8

279 4.0 2.7 4.1

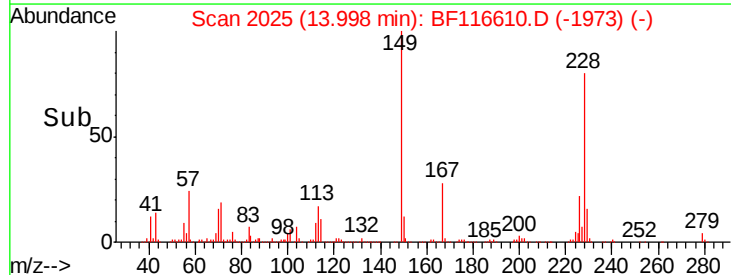
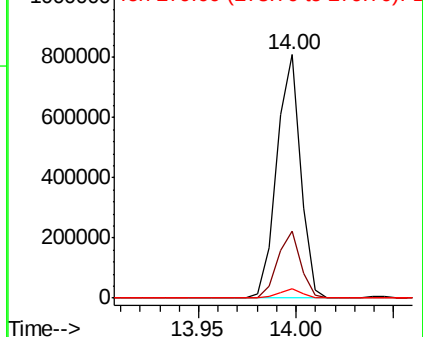


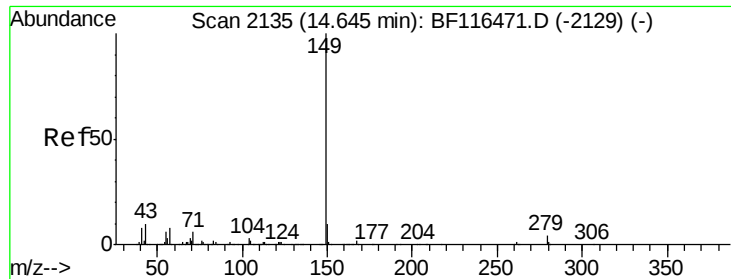
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 63.434 ng

RT: 14.61 min Scan# 2129

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

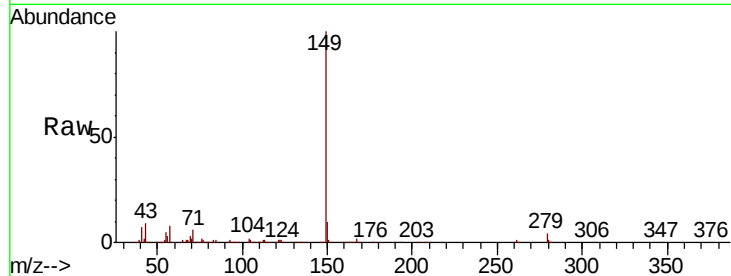
Tot Ion:149 Resp: 1044017

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

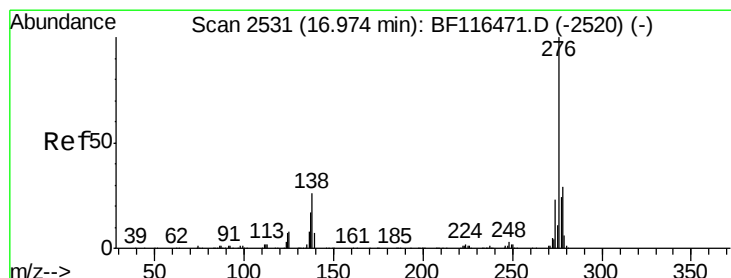
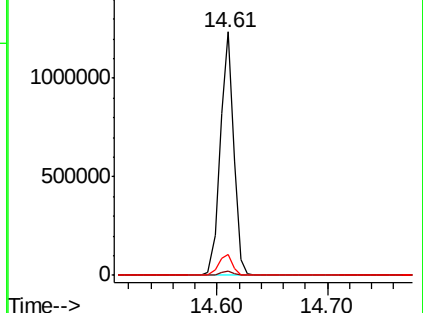
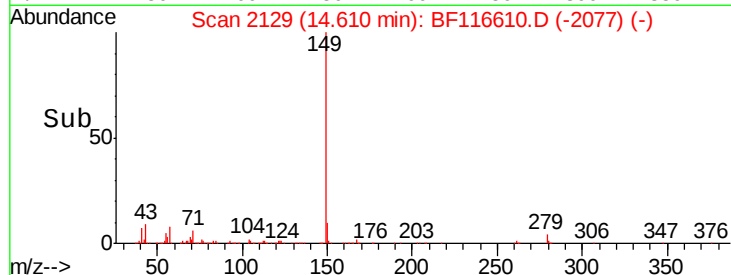
43 9.1 7.4 11.0



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: 93.137 ng

RT: 16.93 min Scan# 2524

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

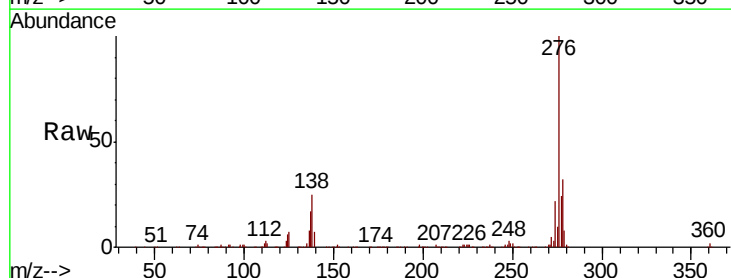
Tgt Ion:276 Resp: 1102486

Ion Ratio Lower Upper

276 100

138 27.7 21.5 32.3

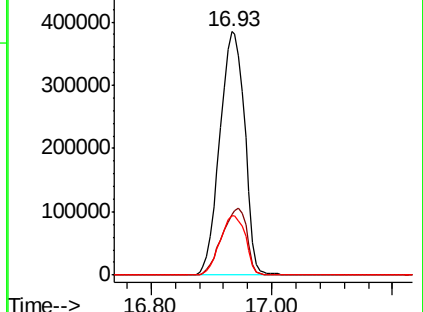
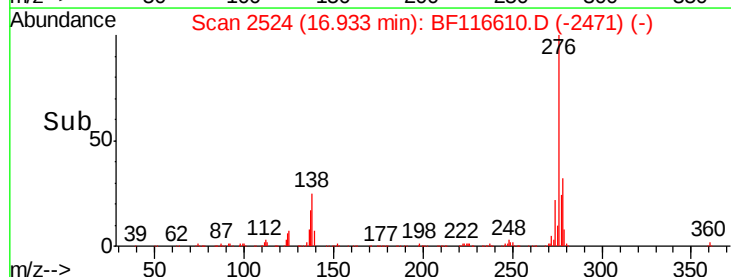
277 25.2 20.0 30.0

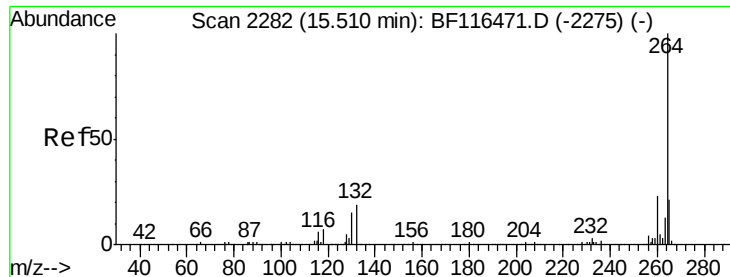


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

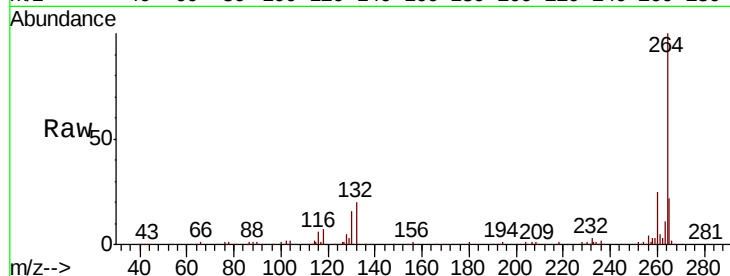




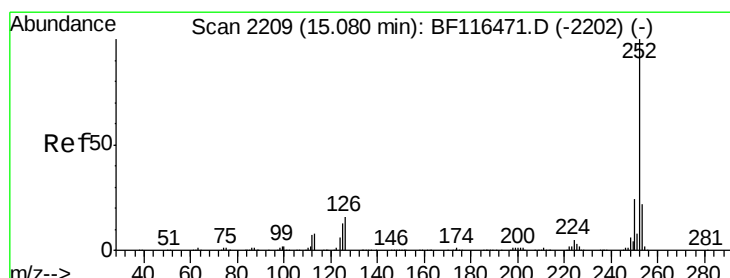
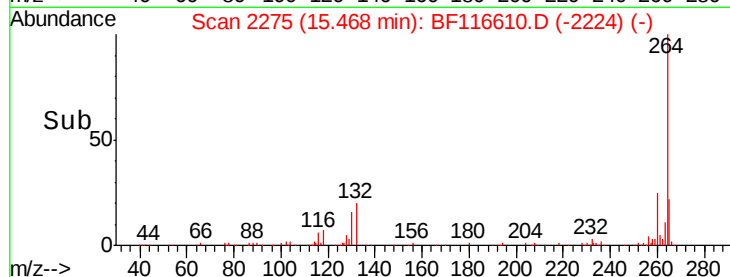
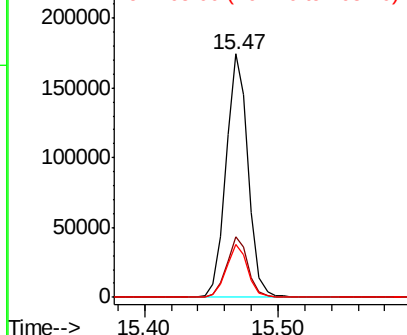
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 202994
Ion Ratio Lower Upper
264 100
260 25.0 20.0 30.0
265 21.7 17.6 26.4

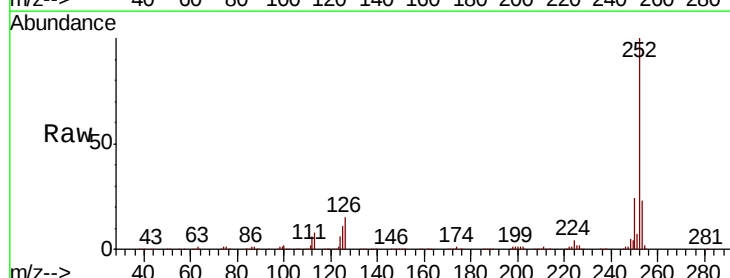


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

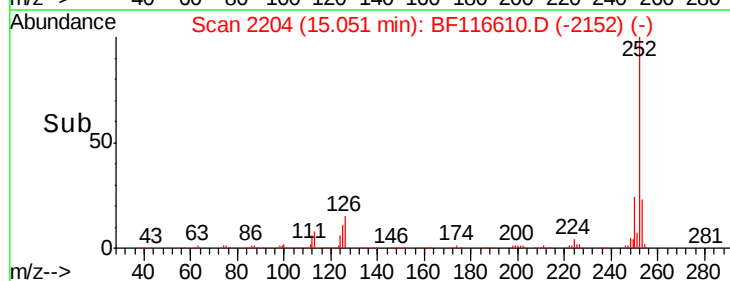
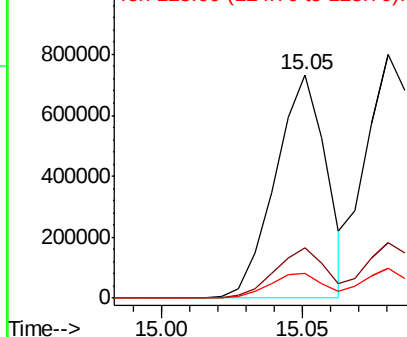


#88
Benzo(b)fluoranthene
Concen: 73.262 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion:252 Resp: 918707
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 11.2 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

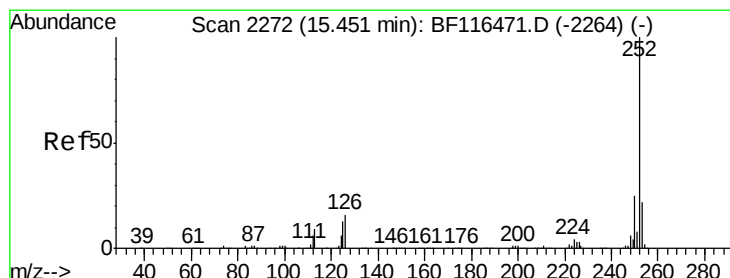
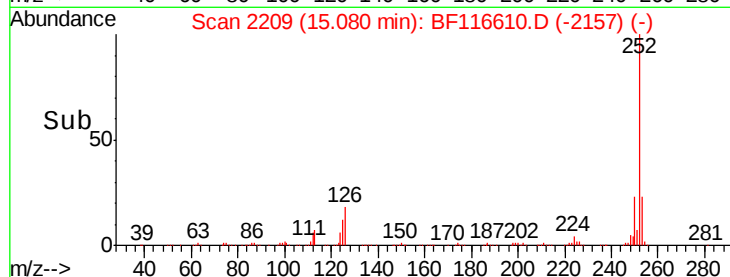
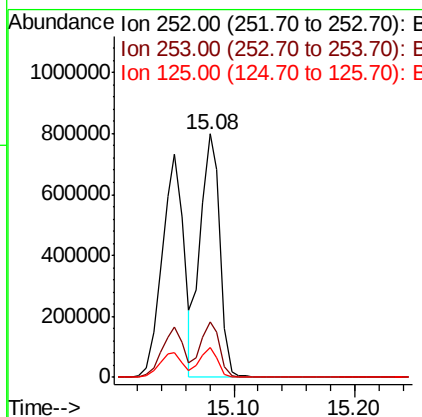
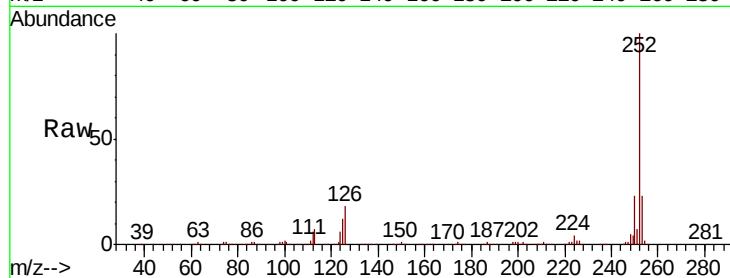




#89
Benzo(k)fluoranthene
Concen: 79.006 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

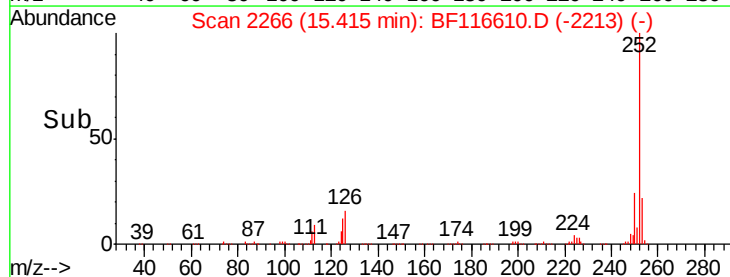
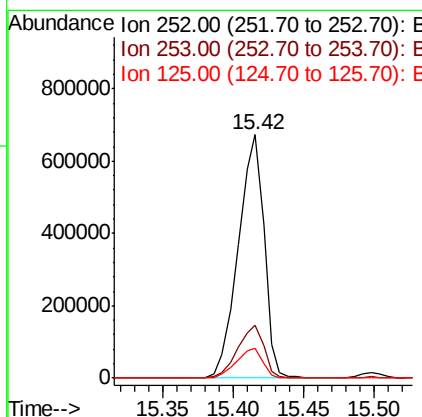
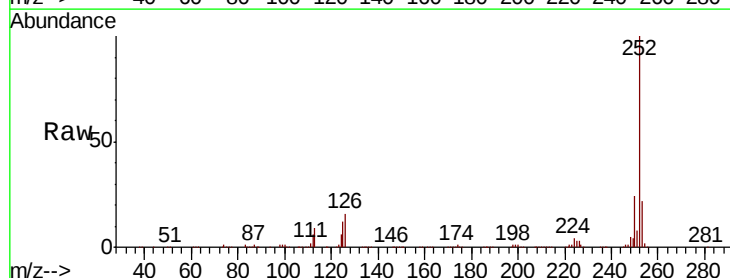
Instrument :
BNA_F
ClientSampled :

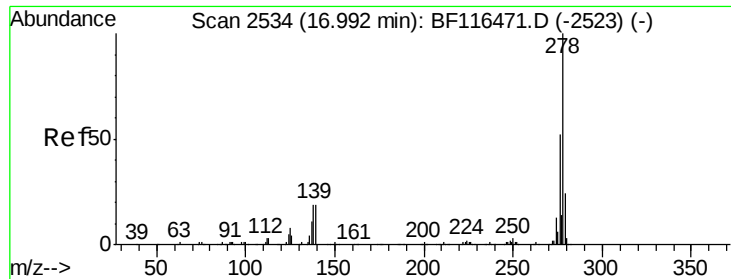
Tot Ion:252 Resp: 897559
Ion Ratio Lower Upper
252 100
253 22.8 17.2 25.8
125 12.5 8.6 13.0



#90
Benzo(a)pyrene
Concen: 77.731 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion:252 Resp: 861484
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 12.2 10.6 16.0





#91

Dibenzo(a,h)anthracene

Concen: 97.753 ng

RT: 16.96 min Scan# 2528

Delta R.T. 0.02 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

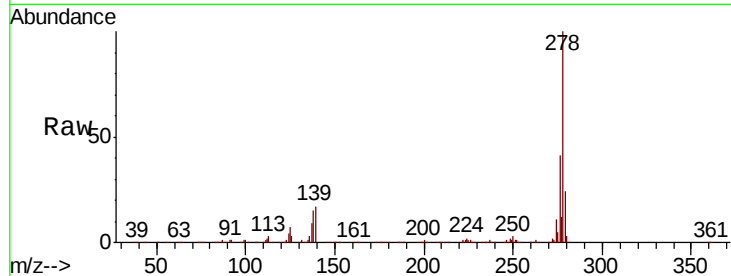
Tot Ion:278 Resp: 890236

Ion Ratio Lower Upper

278 100

139 17.4 14.1 21.1

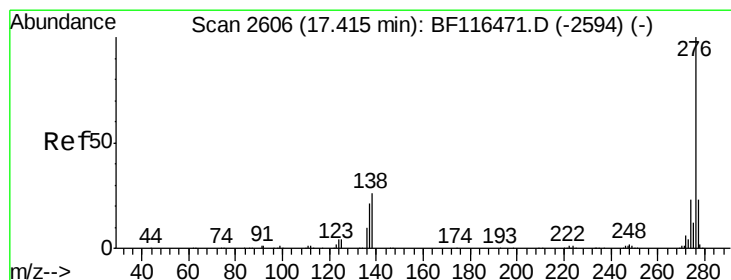
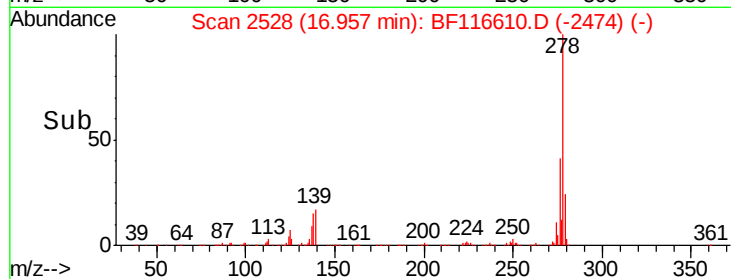
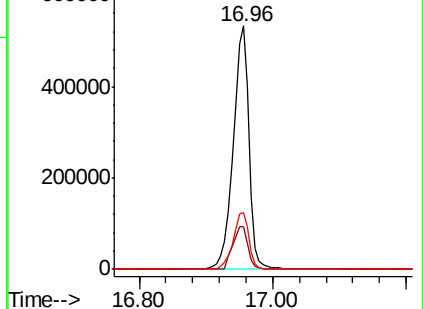
279 23.5 19.5 29.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 105.286 ng

RT: 17.38 min Scan# 2600

Delta R.T. 0.02 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

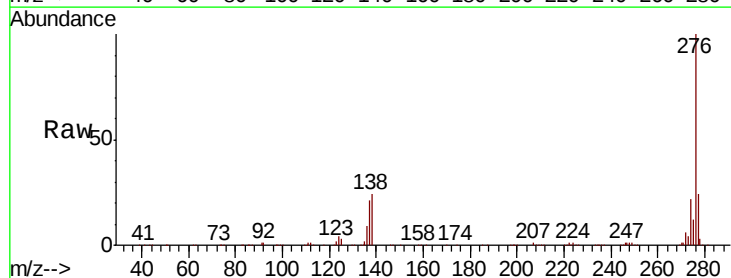
Tgt Ion:276 Resp: 914110

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 23.6 18.2 27.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

