

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
 Data File : BF116221.D
 Acq On : 13 Aug 2019 10:25
 Operator : HP/JU
 Sample : PB122176BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122176BS

Quant Time: Aug 13 23:33:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	121986	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	499489	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	265129	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	458851	20.00	ng	0.00
76) Chrysene-d12	14.01	240	322157	20.00	ng	0.00
87) Perylene-d12	15.47	264	291637	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	851047	116.79	ng	0.00
7) Phenol-d6	6.48	99	1045396	113.71	ng	0.00
23) Nitrobenzene-d5	7.40	82	688593	79.58	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	285657	111.13	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1178384	83.25	ng	-0.01
79) Terphenyl-d14	12.94	244	1315121	86.02	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.69	88	152365	41.390	ng	99
3) Pyridine	3.44	79	367304	35.719	ng	99
4) n-Nitrosodimethylamine	3.39	42	153396	37.800	ng	98
6) Aniline	6.50	93	423162	32.140	ng	95
8) 2-Chlorophenol	6.63	128	360601	44.752	ng	98
9) Benzaldehyde	6.39	77	145107	22.875	ng	97
10) Phenol	6.49	94	448149	41.394	ng	93
11) bis(2-Chloroethyl)ether	6.57	93	348920	43.836	ng	97
12) 1,3-Dichlorobenzene	6.77	146	389504	41.827	ng	99
13) 1,4-Dichlorobenzene	6.85	146	395398	42.406	ng	99
14) 1,2-Dichlorobenzene	7.00	146	364391	42.442	ng	98
15) Benzyl Alcohol	6.99	79	296677	42.522	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	456790	42.073	ng	90
17) 2-Methylphenol	7.10	107	298445	43.742	ng	97
18) Hexachloroethane	7.35	117	142994	41.654	ng	96
19) n-Nitroso-di-n-propylamine	7.25	70	246265	43.227	ng	98
20) 3+4-Methylphenols	7.25	107	370036	45.830	ng	97
22) Acetophenone	7.25	105	487095	44.465	ng	98
24) Nitrobenzene	7.42	77	398438	42.644	ng	98
25) Isophorone	7.66	82	718375	43.416	ng	98
26) 2-Nitrophenol	7.73	139	199453	45.286	ng	98
27) 2,4-Dimethylphenol	7.77	122	319163	48.166	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	446056	43.494	ng	100
29) 2,4-Dichlorophenol	7.98	162	312320	44.640	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	333682	41.840	ng	99
31) Naphthalene	8.14	128	1030429	43.839	ng	99
32) Benzoic acid	7.93	122	180251	38.584	ng	97
33) 4-Chloroaniline	8.19	127	303200	28.870	ng	97
34) Hexachlorobutadiene	8.25	225	189890	41.337	ng	99
35) Caprolactam	8.57	113	96995m	42.865	ng	
36) 4-Chloro-3-methylphenol	8.69	107	323918	44.503	ng	94
37) 2-Methylnaphthalene	8.83	142	688752	44.493	ng	99
38) 1-Methylnaphthalene	8.93	142	638773	43.618	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	315488	44.510	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	127495	43.024	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	203257	41.662	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	213171	42.269	ng	96
46) 1,1'-Biphenyl	9.29	154	837611	44.749	ng	99
47) 2-Chloronaphthalene	9.32	162	651774	41.837	ng	100
48) 2-Nitroaniline	9.42	65	206567	40.115	ng	94
49) Acenaphthylene	9.73	152	978092	43.034	ng	99
50) Dimethylphthalate	9.59	163	763997	42.321	ng	99
51) 2,6-Dinitrotoluene	9.66	165	168878	43.047	ng	91
52) Acenaphthene	9.91	154	592823	42.516	ng	99
53) 3-Nitroaniline	9.83	138	144176	29.743	ng	97
54) 2,4-Dinitrophenol	9.96	184	129311	66.290	ng	96
55) Dibenzofuran	10.08	168	841204	41.485	ng	99
56) 4-Nitrophenol	10.02	139	202344	65.161	ng	95
57) 2,4-Dinitrotoluene	10.07	165	211255	40.445	ng	94
58) Fluorene	10.42	166	687104	44.043	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	189414	44.643	ng	98
60) Diethylphthalate	10.29	149	740851	43.957	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	345520	43.731	ng	99
62) 4-Nitroaniline	10.46	138	164645	32.866	ng	98
63) Azobenzene	10.57	77	761459	43.925	ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	103925	42.739	ng	96
66) n-Nitrosodiphenylamine	10.53	169	617381	44.702	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	210947	42.945	ng	96
68) Hexachlorobenzene	10.98	284	234050	41.206	ng	97
69) Atrazine	11.06	200	189884	41.792	ng	98
70) Pentachlorophenol	11.18	266	219233	79.502	ng	98
71) Phenanthrene	11.39	178	1012753	43.174	ng	100
72) Anthracene	11.44	178	1043790	43.968	ng	99
73) Carbazole	11.59	167	950929	44.151	ng	99
74) Di-n-butylphthalate	11.92	149	1171505	46.627	ng	99
75) Fluoranthene	12.57	202	1074491	43.754	ng	97
77) Benzidine	12.70	184	354131	32.537	ng	97
78) Pyrene	12.80	202	1080292	44.485	ng	99
80) Butylbenzylphthalate	13.41	149	495567	48.242	ng	97
81) Benzo(a)anthracene	14.00	228	893790	43.407	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	288230	40.291	ng	99
83) Chrysene	14.03	228	860836	43.062	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	693224	51.931	ng	98
85) Di-n-octyl phthalate	14.57	149	1112483	52.468	ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	773506	46.069	ng	99
88) Benzo(b)fluoranthene	15.04	252	858513	50.912	ng	99
89) Benzo(k)fluoranthene	15.07	252	706707	43.027	ng	99
90) Benzo(a)pyrene	15.42	252	747866	49.613	ng	99
91) Dibenzo(a,h)anthracene	16.96	278	650241	49.834	ng	98
92) Benzo(g,h,i)perylene	17.40	276	646500	50.450	ng	97

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

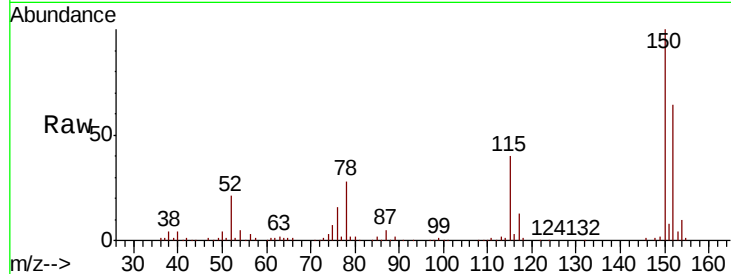


#1

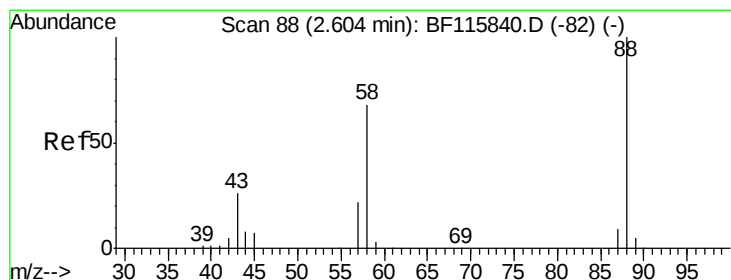
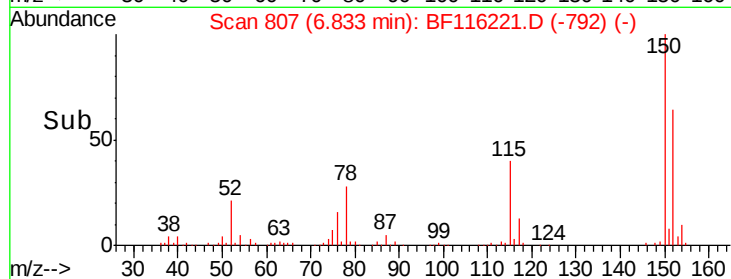
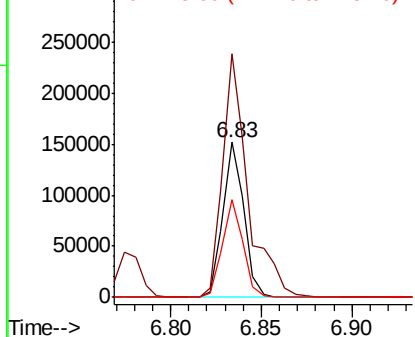
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116221.D
Acq: 13 Aug 2019 10:25

Instrument :
BNA_F
ClientSampleId :
PB122176BS

Tot Ion:152 Resp: 121986
Ion Ratio Lower Upper
152 100
150 157.0 126.2 189.2
115 62.7 49.9 74.9



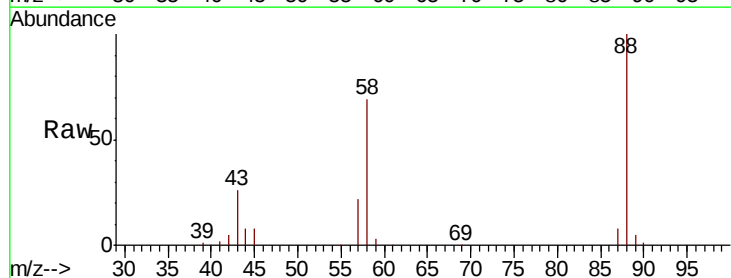
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



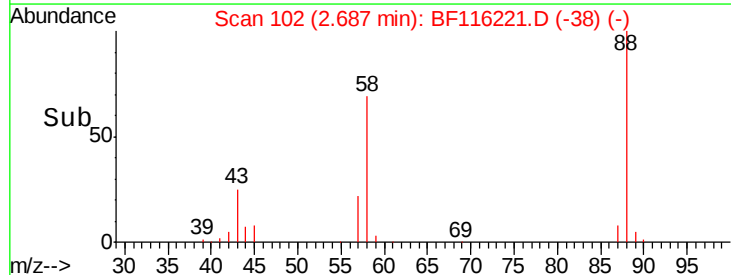
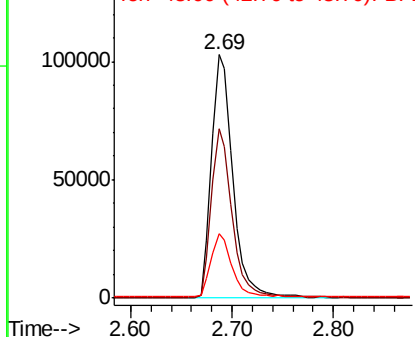
#2

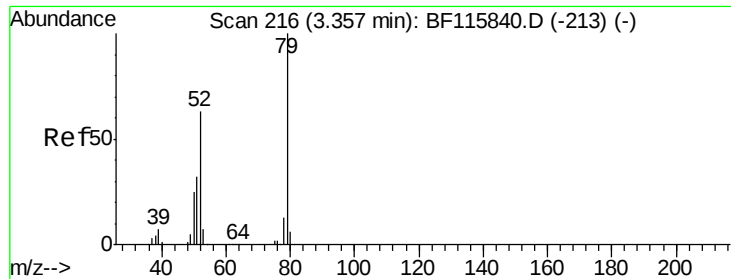
1,4-Dioxane
Concen: 41.390 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.08 min
Lab File: BF116221.D
Acq: 13 Aug 2019 10:25

Tgt Ion: 88 Resp: 152365
Ion Ratio Lower Upper
88 100
58 67.7 53.7 80.5
43 25.1 21.0 31.4



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: 35.719 ng

RT: 3.44 min Scan# 230

Delta R.T. 0.08 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

Instrument :

BNA_F

ClientSampleId :

PB122176BS

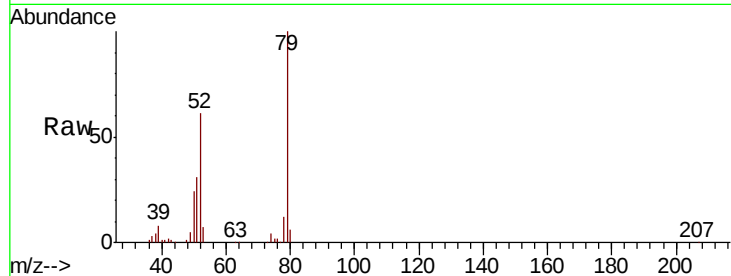
Tot Ion: 79 Resp: 367304

Ion Ratio Lower Upper

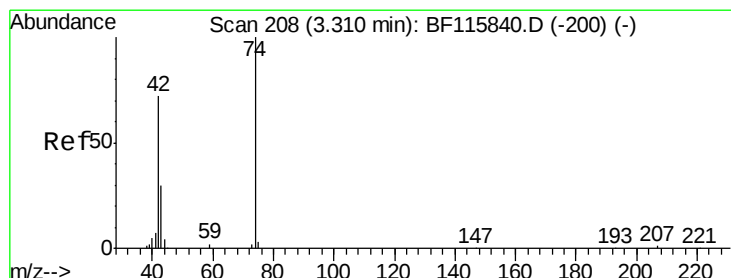
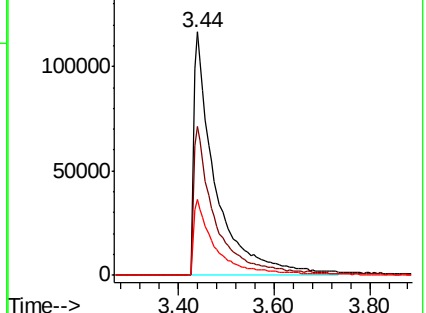
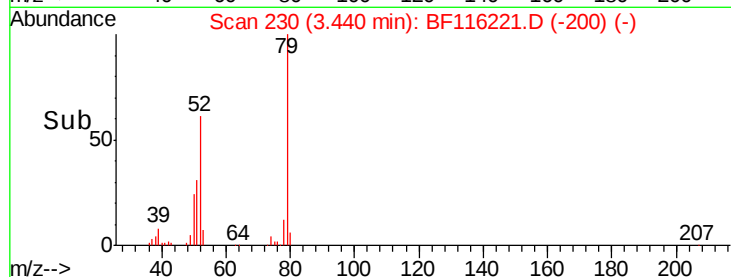
79 100

52 61.1 49.8 74.8

51 31.2 25.2 37.8



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: 37.800 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.05 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

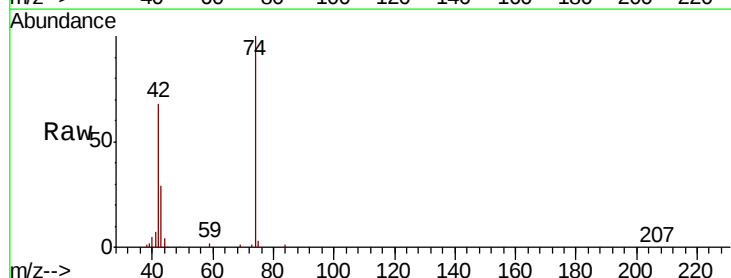
Tgt Ion: 42 Resp: 153396

Ion Ratio Lower Upper

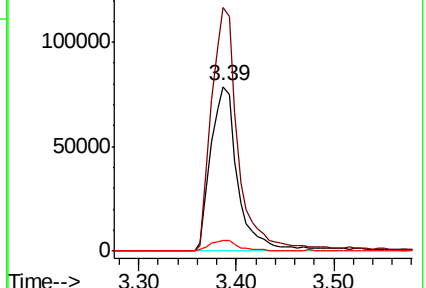
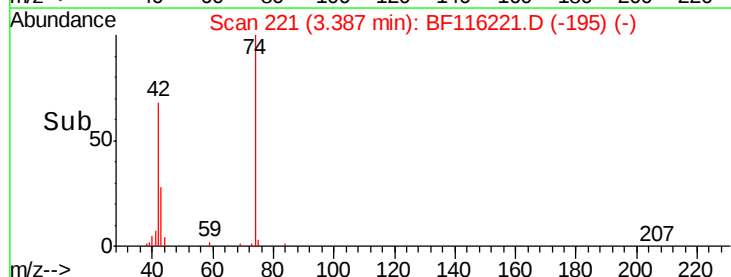
42 100

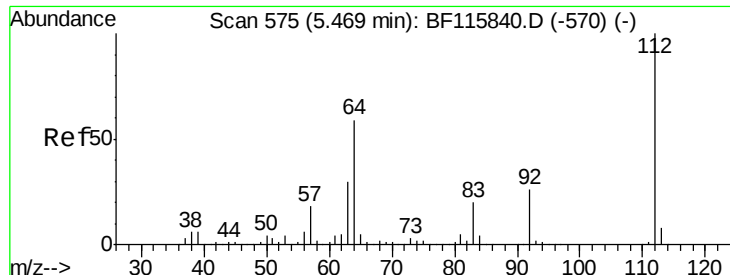
74 148.1 116.0 174.0

44 6.5 4.6 7.0



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: 116.793 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

Instrument :

BNA_F

ClientSampleId :

PB122176BS

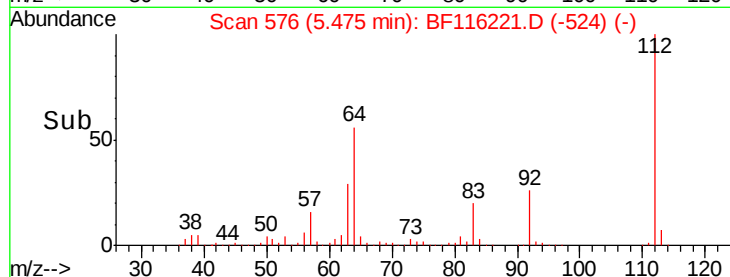
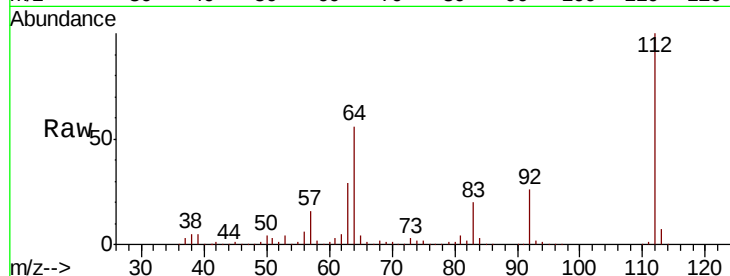
Tot Ion:112 Resp: 851047

Ion Ratio Lower Upper

112 100

64 56.0 45.4 68.2

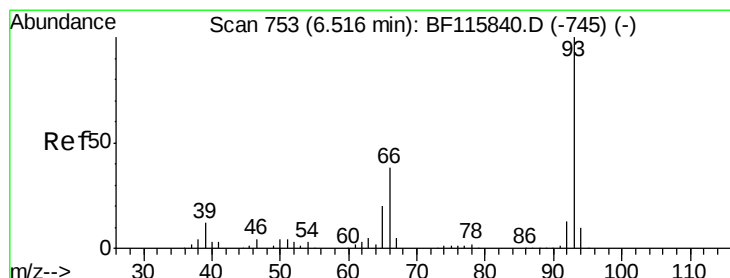
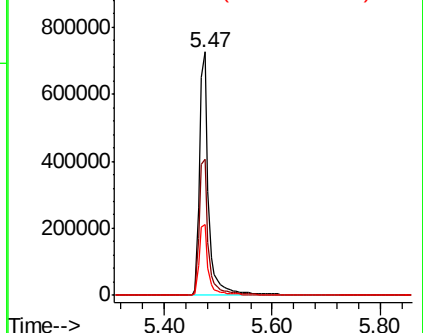
63 29.3 23.7 35.5



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: 32.140 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

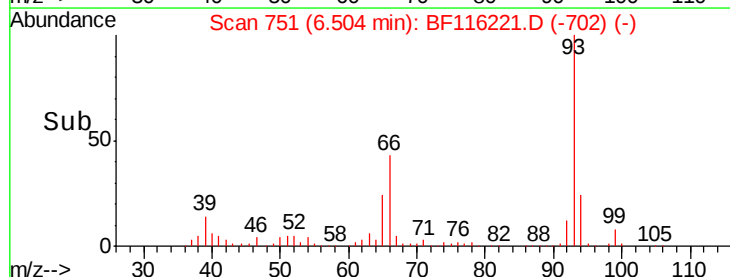
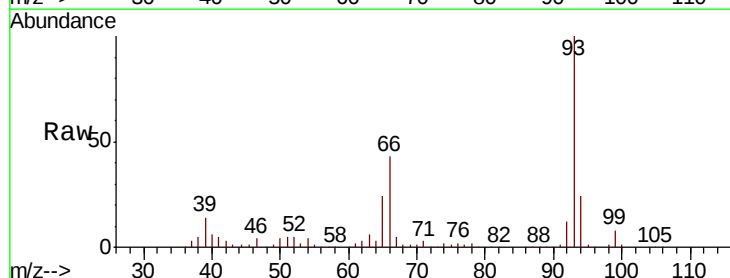
Tgt Ion: 93 Resp: 423162

Ion Ratio Lower Upper

93 100

66 43.2 32.2 48.4

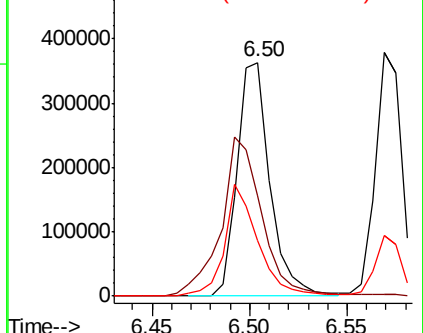
65 23.8 17.0 25.6



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: 113.709 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

Instrument :

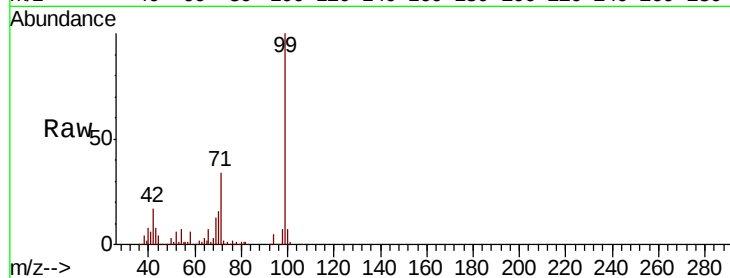
BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 1045396

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.8	20.8
71	34.3	27.3	40.9

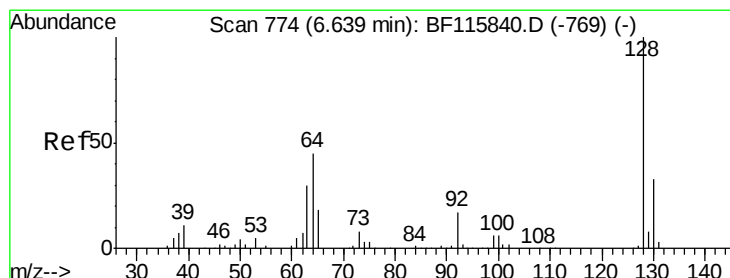
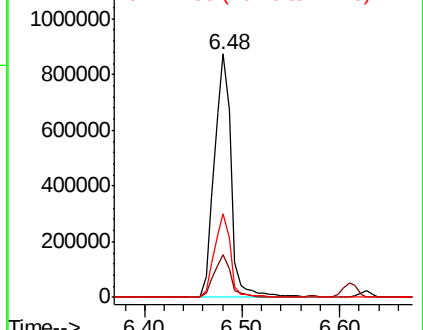
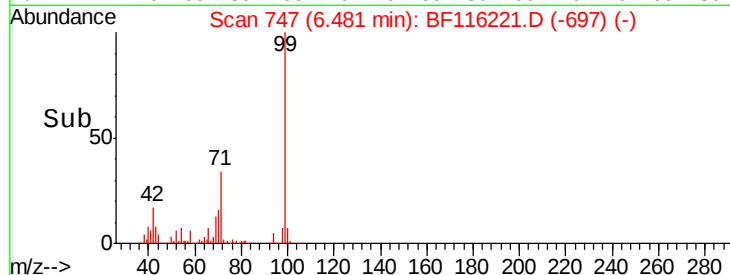


Abundance

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: 44.752 ng

RT: 6.63 min Scan# 772

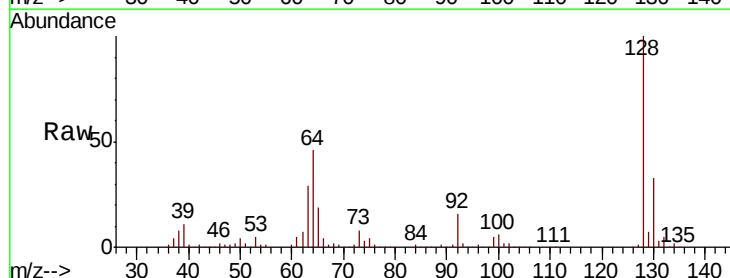
Delta R.T. -0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

Tgt Ion: 128 Resp: 360601

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.9	52.9
64	46.2	24.3	64.3

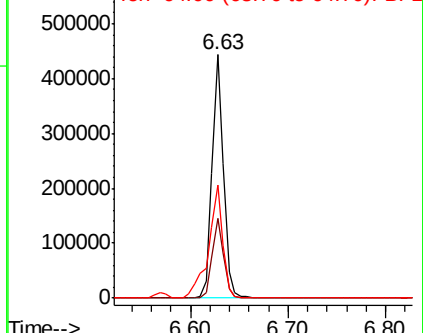
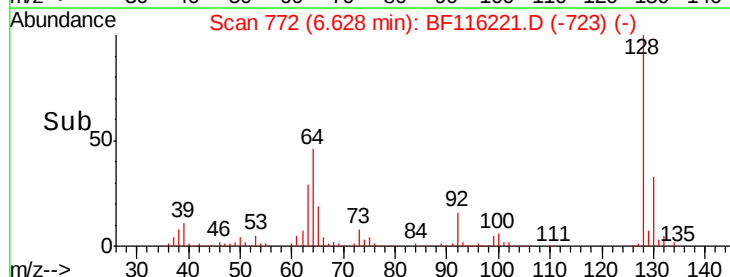


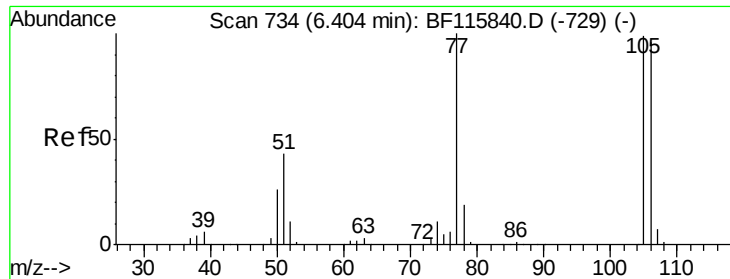
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 22.875 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

Instrument :

BNA_F

ClientSampleId :

PB122176BS

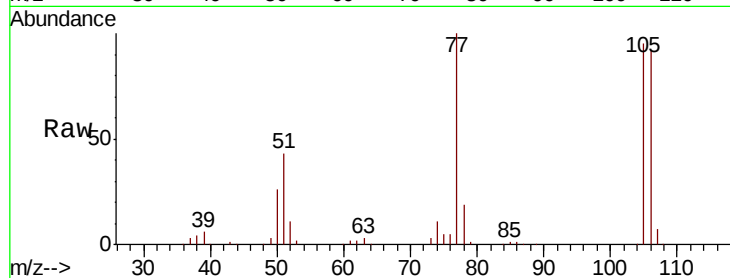
Tot Ion: 77 Resp: 145107

Ion Ratio Lower Upper

77 100

105 95.3 79.2 119.2

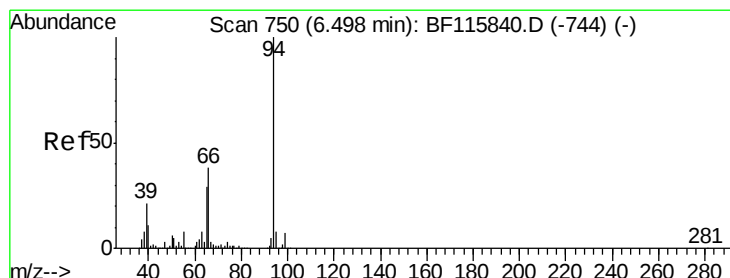
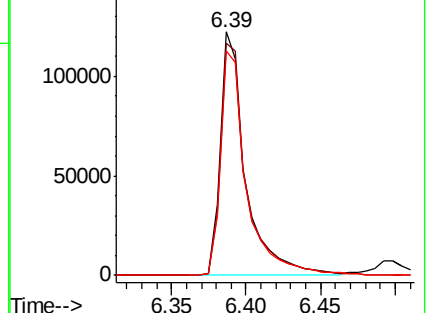
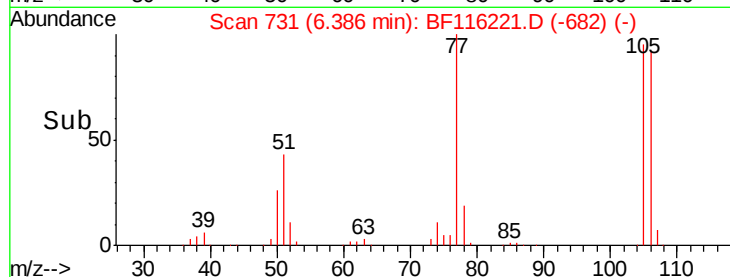
106 92.3 74.3 114.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.394 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

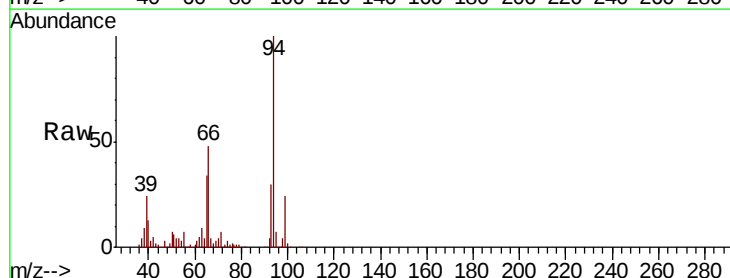
Tgt Ion: 94 Resp: 448149

Ion Ratio Lower Upper

94 100

65 33.7 16.8 56.8

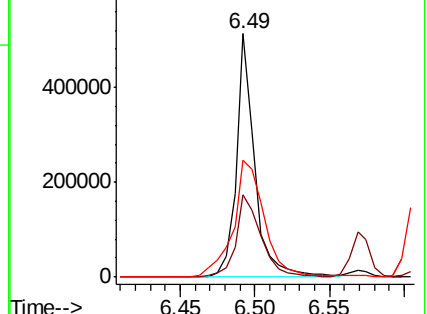
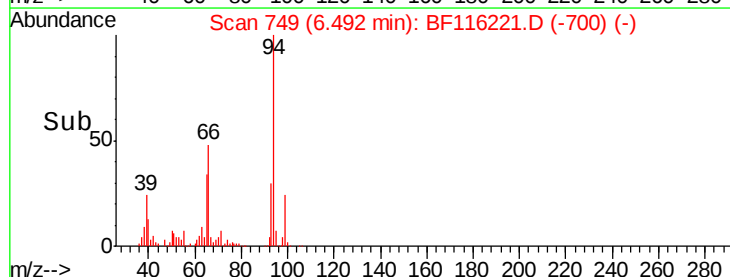
66 48.0 34.2 74.2



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

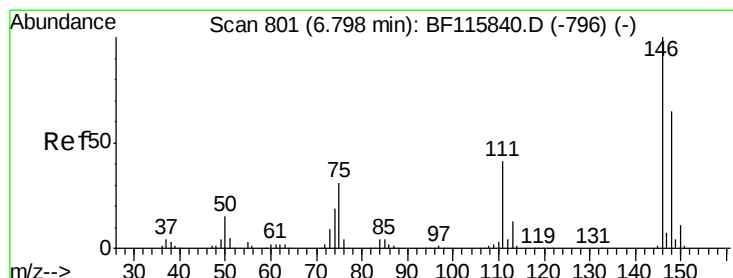
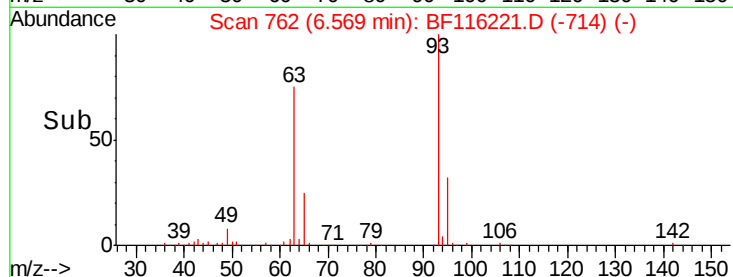
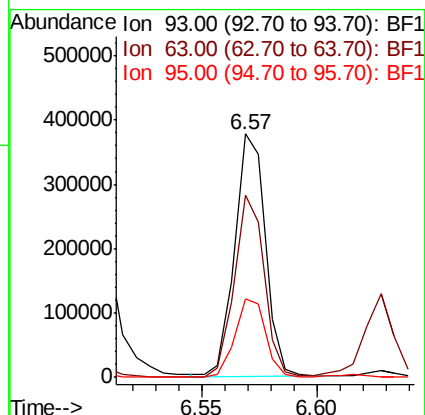
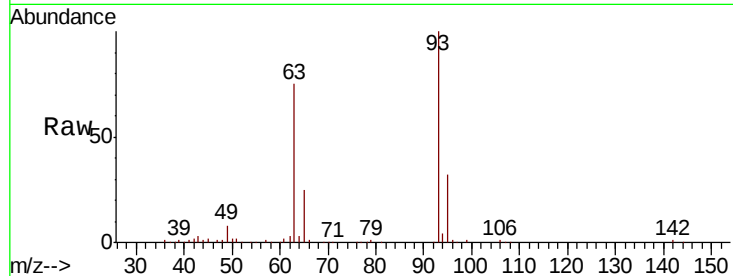




#11
bis(2-Chloroethyl)ether
Concen: 43.836 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF116221.D
Acq: 13 Aug 2019 10:25

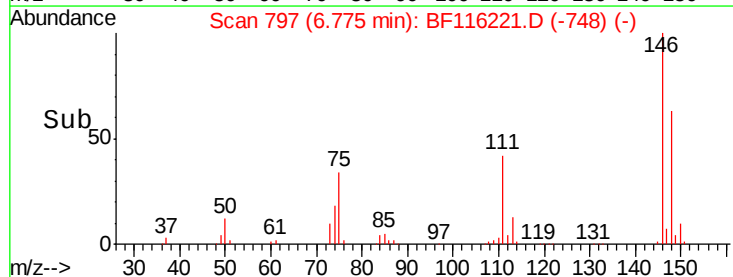
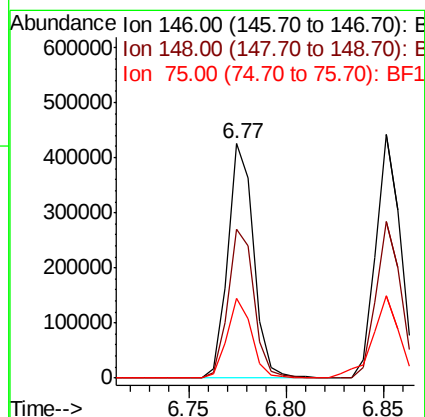
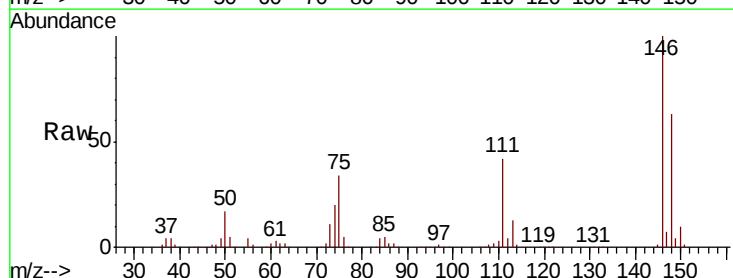
Instrument :
BNA_F
ClientSampleId :
PB122176BS

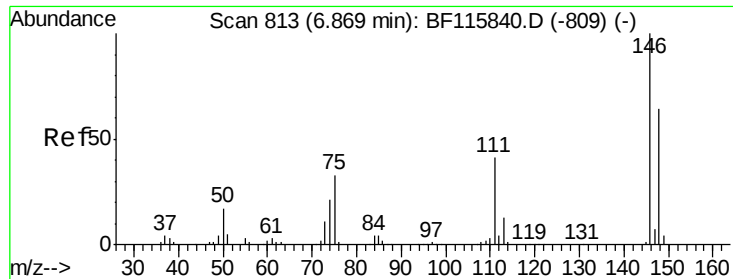
Tot Ion: 93 Resp: 348920
Ion Ratio Lower Upper
93 100
63 74.9 51.9 91.9
95 32.4 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 41.827 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF116221.D
Acq: 13 Aug 2019 10:25

Tgt Ion: 146 Resp: 389504
Ion Ratio Lower Upper
146 100
148 63.5 51.3 76.9
75 34.2 27.4 41.2

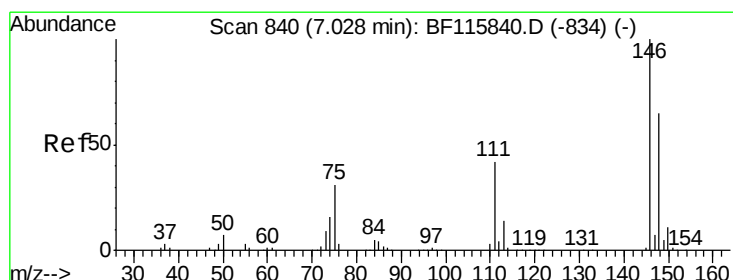
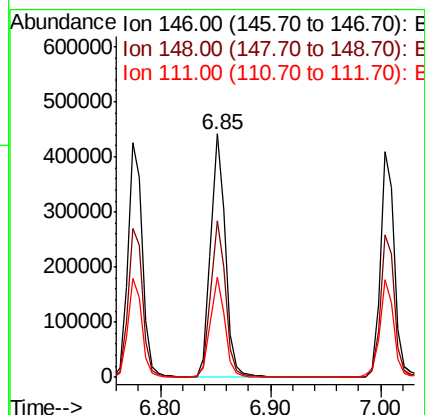
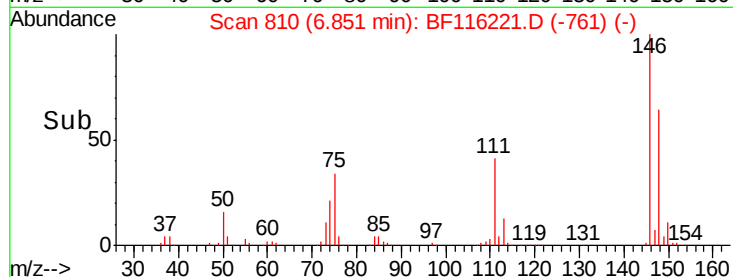
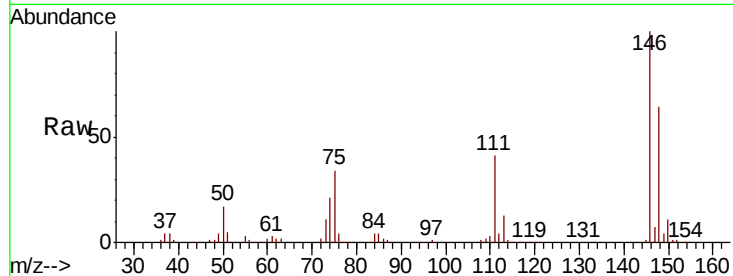




#13
 1,4-Dichlorobenzene
 Concen: 42.406 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF116221.D
 Acq: 13 Aug 2019 10:25

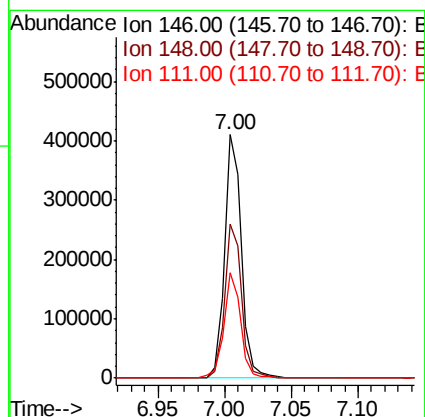
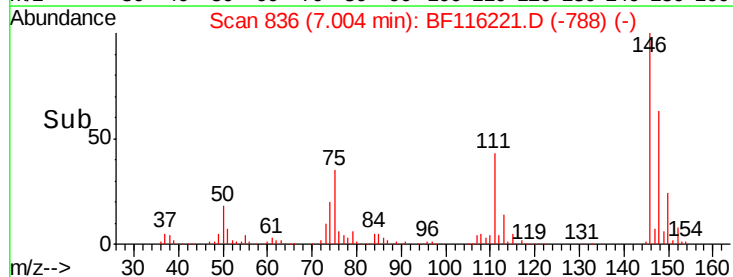
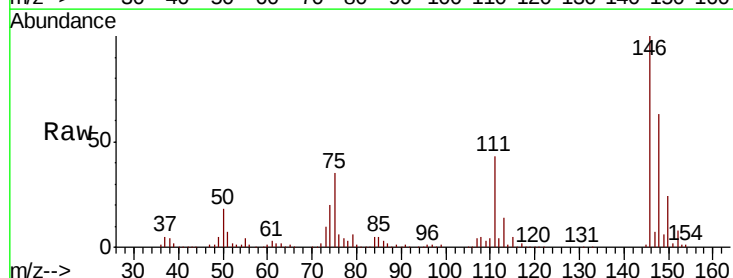
Instrument :
 BNA_F
 ClientSampleId :
 PB122176BS

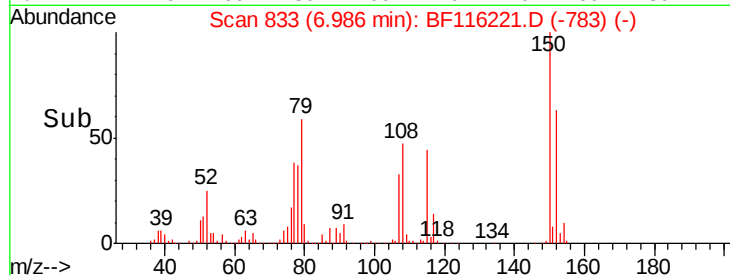
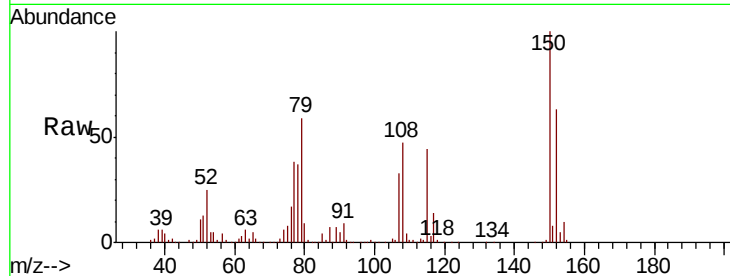
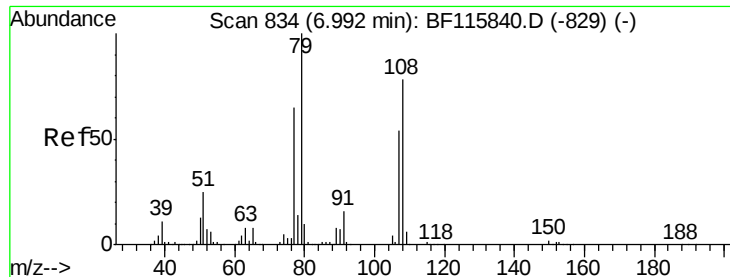
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.3	76.9
111	41.3	34.0	51.0



#14
 1,2-Dichlorobenzene
 Concen: 42.442 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF116221.D
 Acq: 13 Aug 2019 10:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.2	76.8
111	43.4	33.5	50.3





#15

Benzyl Alcohol

Concen: 42.522 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

Instrument :

BNA_F

ClientSampleId :

PB122176BS

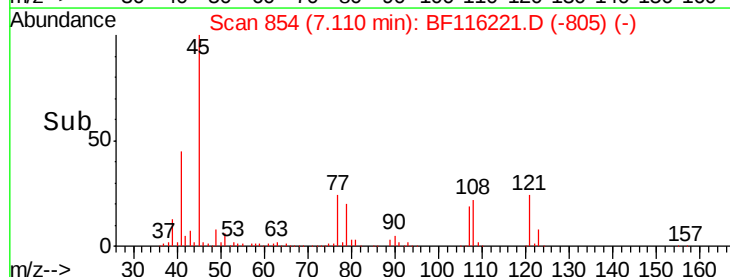
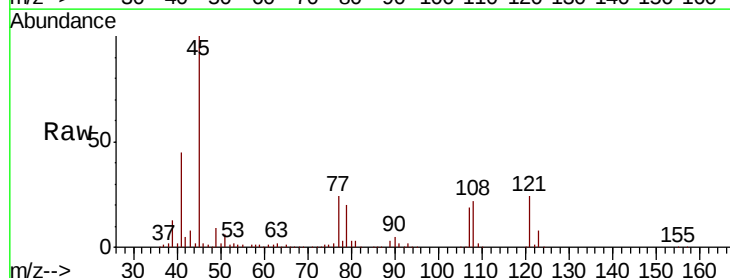
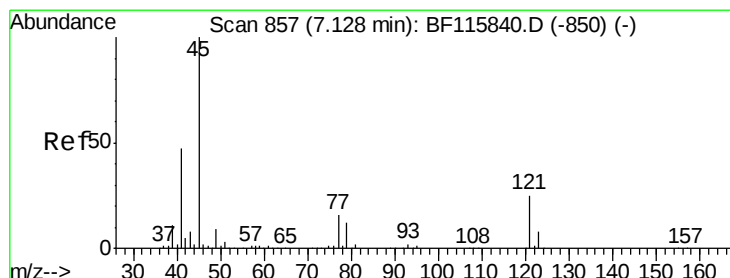
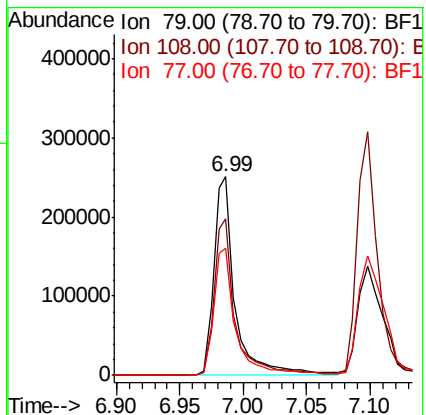
Tot Ion: 79 Resp: 296677

Ion Ratio Lower Upper

79 100

108 78.9 62.7 94.1

77 64.4 52.2 78.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.073 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

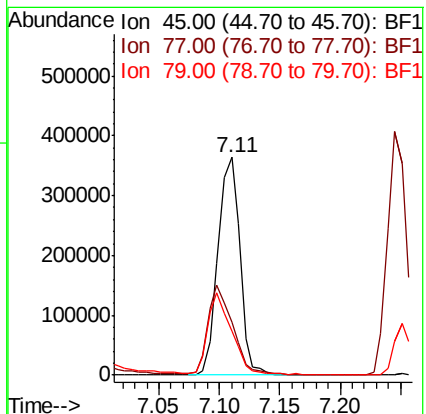
Tgt Ion: 45 Resp: 456790

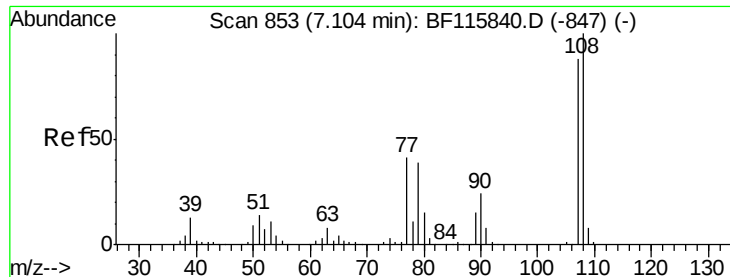
Ion Ratio Lower Upper

45 100

77 24.4 0.0 40.0

79 20.3 0.0 35.9





#17

2-Methylphenol

Concen: 43.742 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

Instrument :

BNA_F

ClientSampleId :

PB122176BS

Tot Ion:107 Resp: 298445

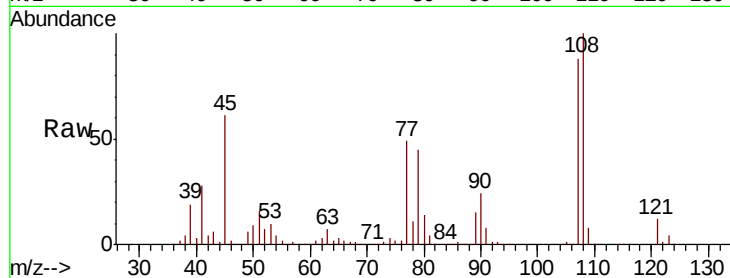
Ion Ratio Lower Upper

107 100

108 113.8 91.2 136.8

77 56.0 40.3 60.5

79 50.8 37.6 56.4

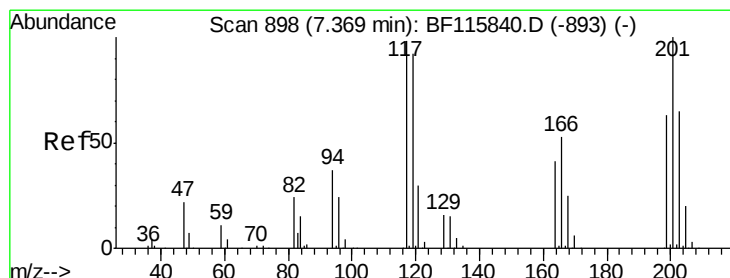
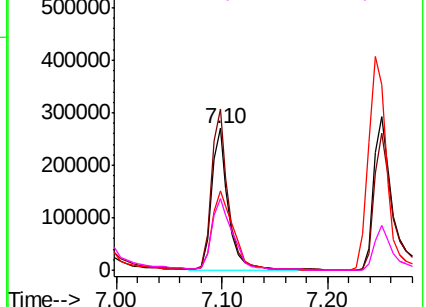
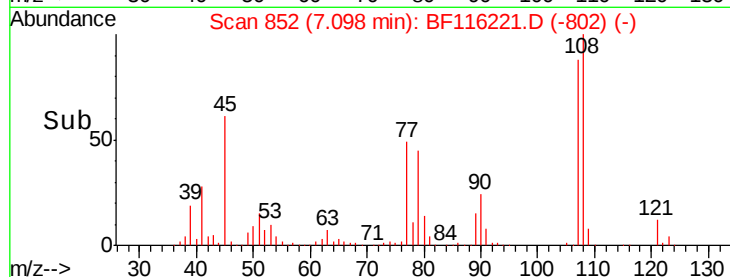


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.654 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

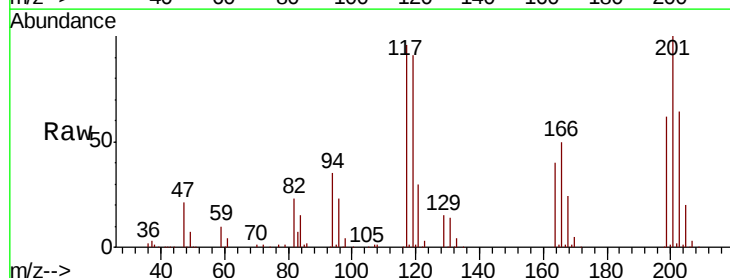
Tgt Ion:117 Resp: 142994

Ion Ratio Lower Upper

117 100

119 95.4 76.1 114.1

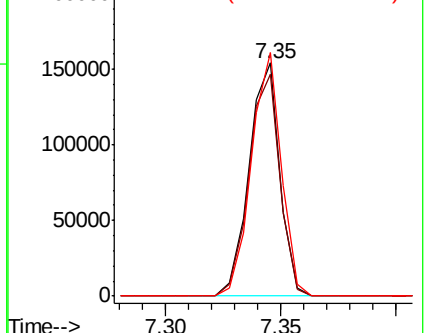
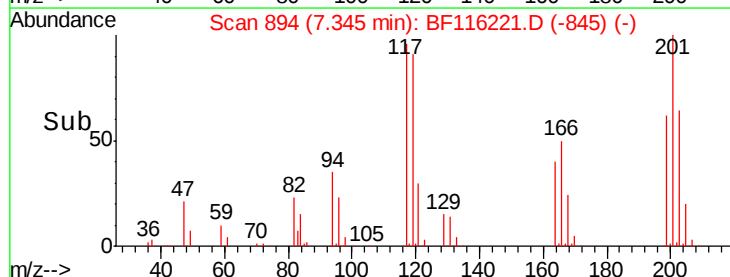
201 104.4 77.0 115.4



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

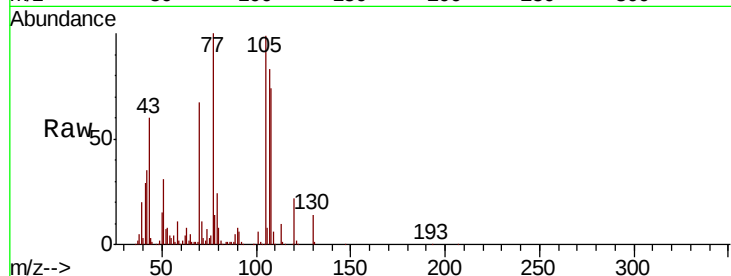




#19
n-Nitroso-di-n-propylamine
Concen: 43.227 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF116221.D
Acq: 13 Aug 2019 10:25

Instrument :
BNA_F
ClientSampleId :
PB122176BS

Tot Ion:	70	Resp:	246265
Ion	Ratio	Lower	Upper
70	100		
42	52.6	40.9	61.3
101	9.4	7.9	11.9
130	21.2	16.9	25.3



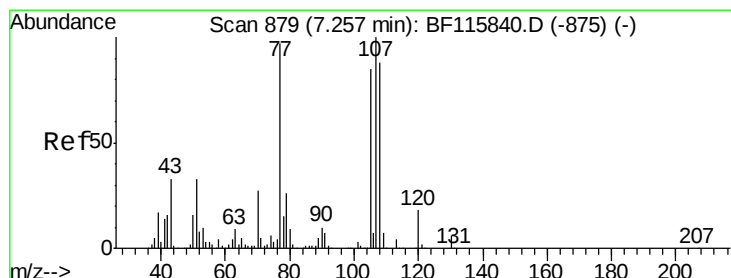
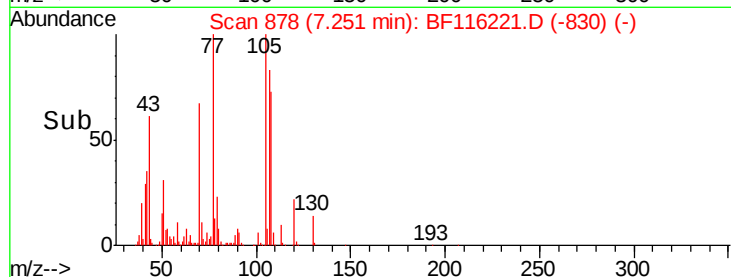
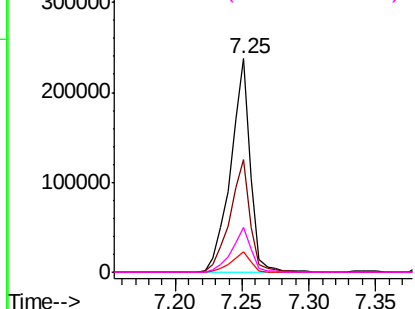
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

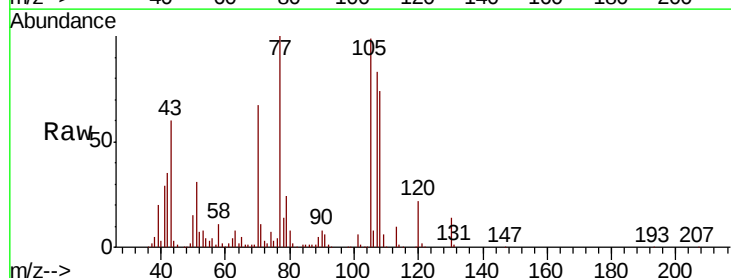
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 45.830 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116221.D
Acq: 13 Aug 2019 10:25

Tgt Ion:	107	Resp:	370036
Ion	Ratio	Lower	Upper
107	100		
108	89.0	67.6	107.6
77	120.8	104.4	144.4
79	29.2	7.4	47.4



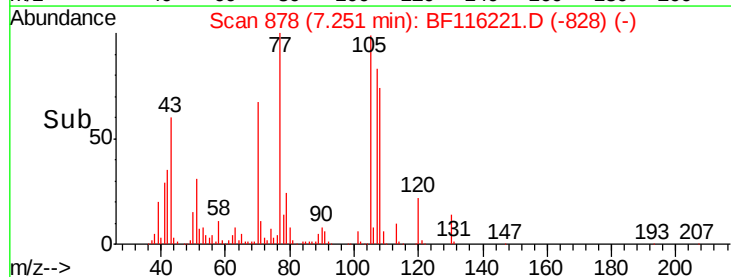
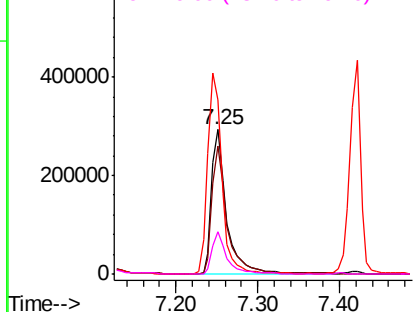
Abundance

Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

Instrument :

BNA_F

ClientSampleId :

PB122176BS

Tot Ion:136 Resp: 499489

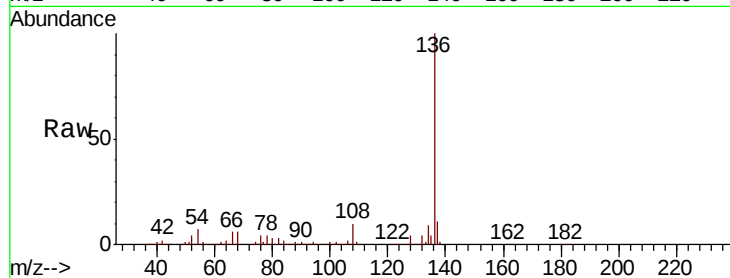
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.0 5.8 8.6

68 6.2 5.2 7.8

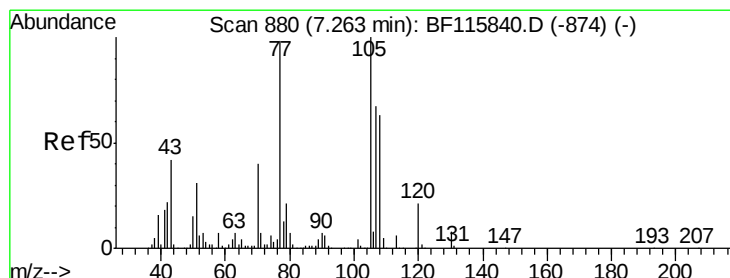
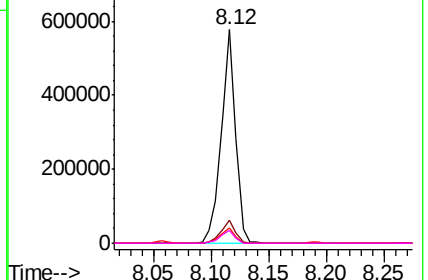
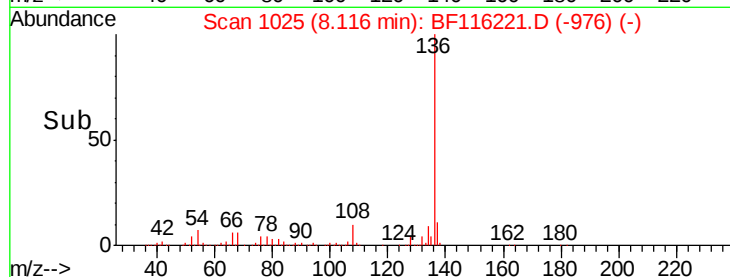


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.465 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.02 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

Tgt Ion:105 Resp: 487095

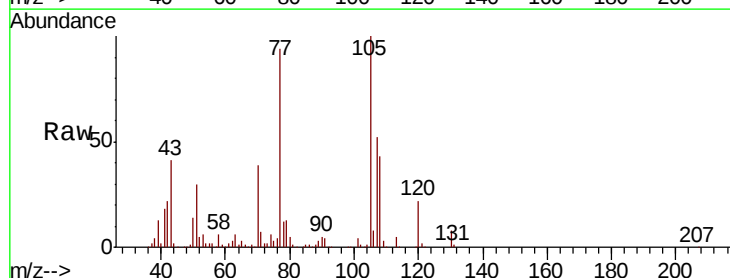
Ion Ratio Lower Upper

105 100

71 6.6 5.9 8.9

51 30.0 25.3 37.9

120 22.2 17.9 26.9

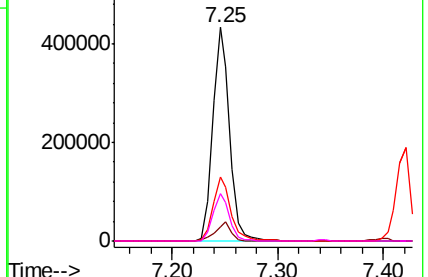
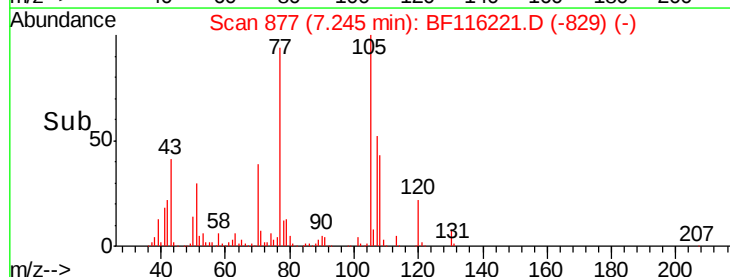


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

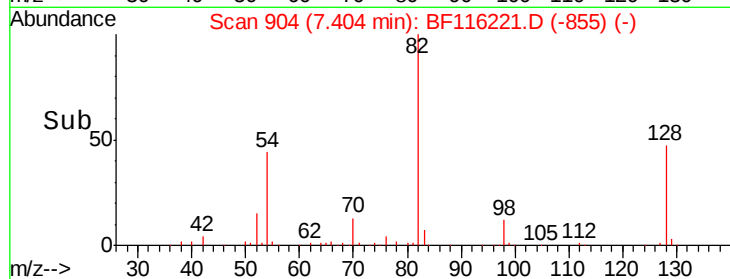
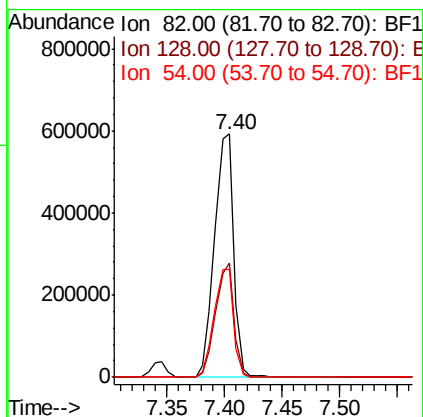
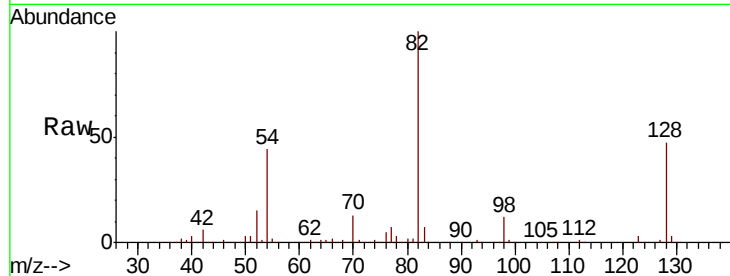




#23
 Nitrobenzene-d5
 Concen: 79.577 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116221.D
 Acq: 13 Aug 2019 10:25

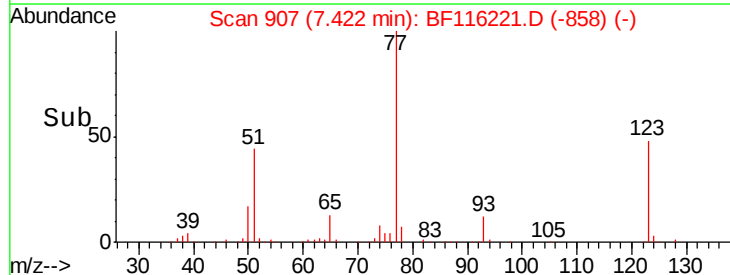
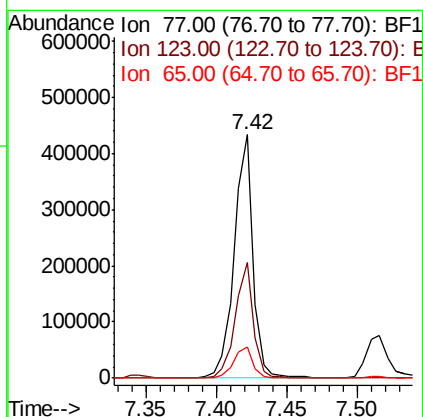
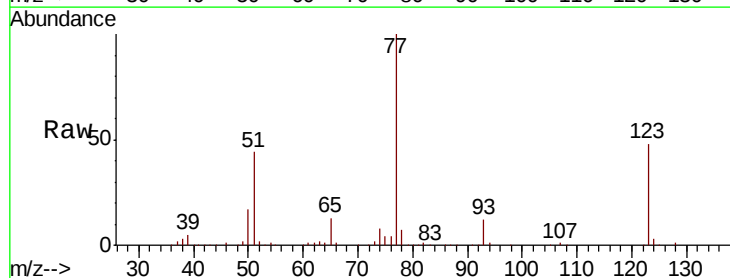
Instrument :
 BNA_F
 ClientSampleId :
 PB122176BS

Tot Ion: 82 Resp: 688593
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.5 54.7
 54 44.4 36.0 54.0



#24
 Nitrobenzene
 Concen: 42.644 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF116221.D
 Acq: 13 Aug 2019 10:25

Tgt Ion: 77 Resp: 398438
 Ion Ratio Lower Upper
 77 100
 123 47.6 36.7 55.1
 65 12.9 10.6 16.0





#25

Isophorone

Concen: 43.416 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

Instrument :

BNA_F

ClientSampleId :

PB122176BS

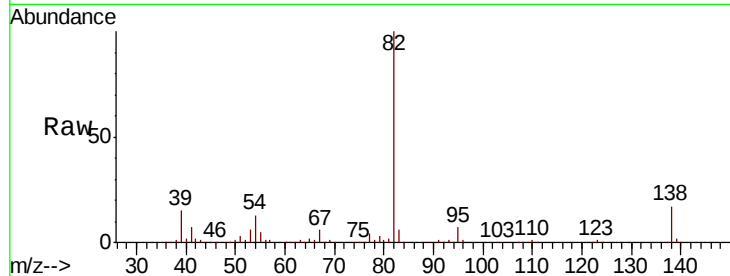
Tot Ion: 82 Resp: 718375

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

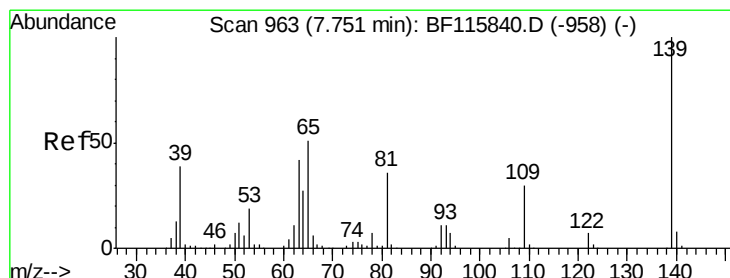
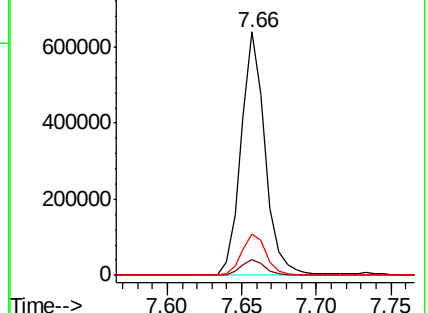
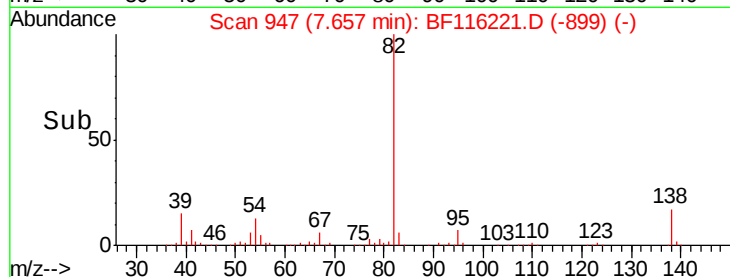
138 17.1 14.5 21.7



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: 45.286 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

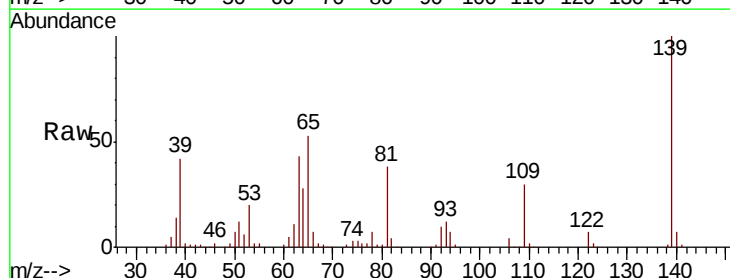
Tgt Ion: 139 Resp: 199453

Ion Ratio Lower Upper

139 100

109 30.1 23.4 35.2

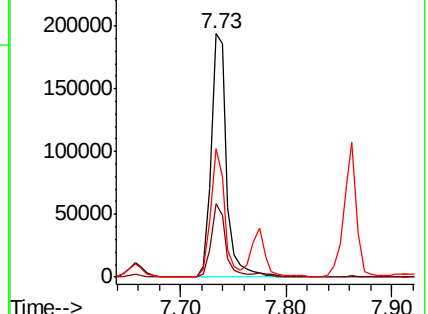
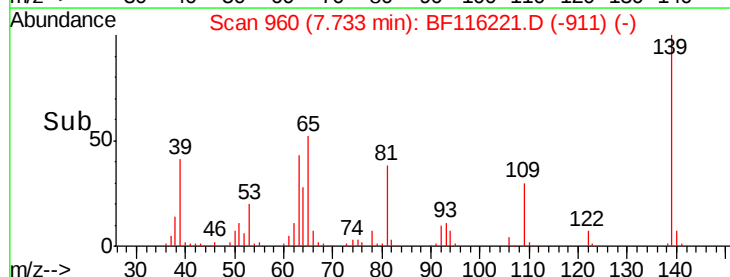
65 52.8 41.1 61.7



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

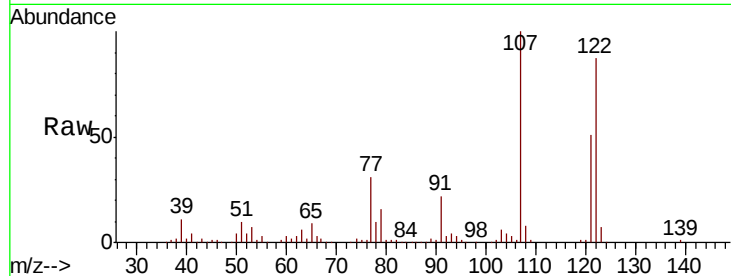




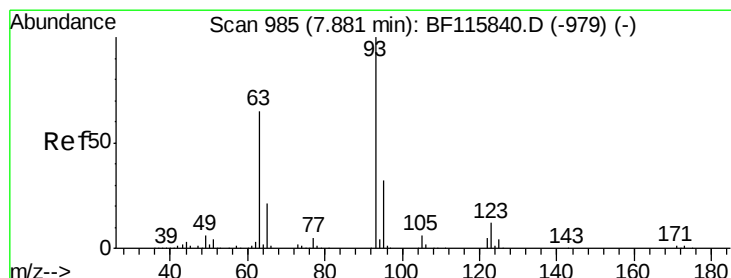
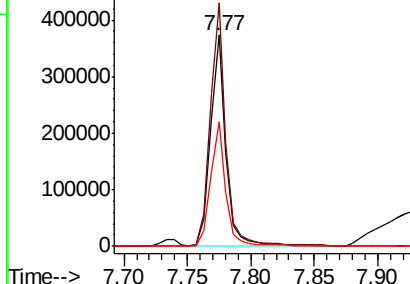
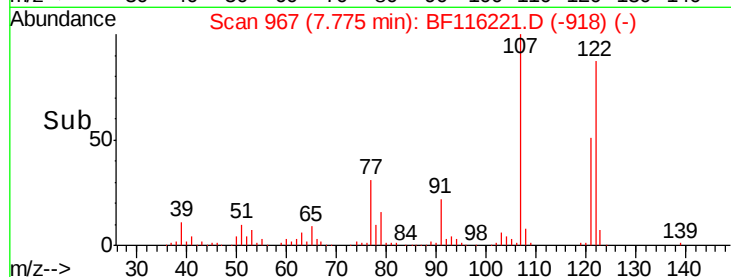
#27
2,4-Dimethylphenol
Concen: 48.166 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF116221.D
Acq: 13 Aug 2019 10:25

Instrument :
BNA_F
ClientSampleId :
PB122176BS

Tot Ion:122 Resp: 319163
Ion Ratio Lower Upper
122 100
107 115.4 93.0 139.6
121 58.8 47.6 71.4

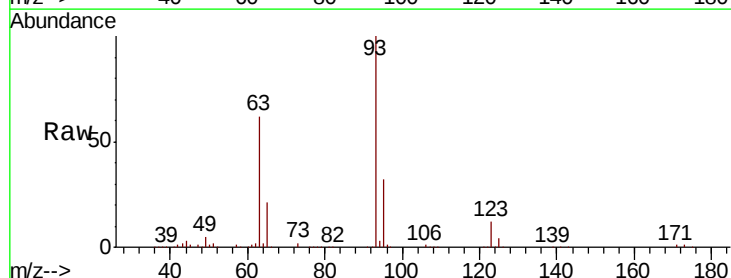


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

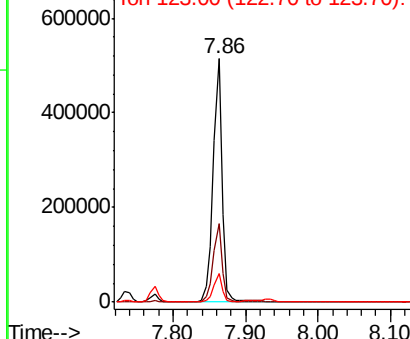
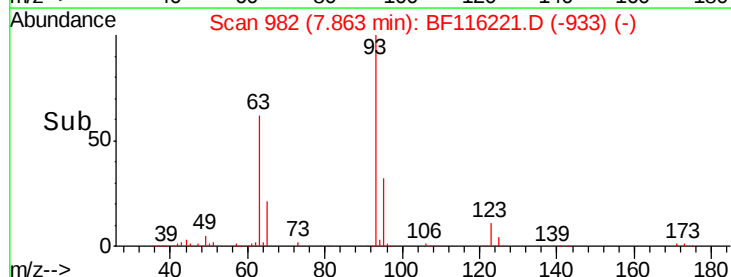


#28
bis(2-Chloroethoxy)methane
Concen: 43.494 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF116221.D
Acq: 13 Aug 2019 10:25

Tgt Ion: 93 Resp: 446056
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.4
123 11.6 9.2 13.8



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

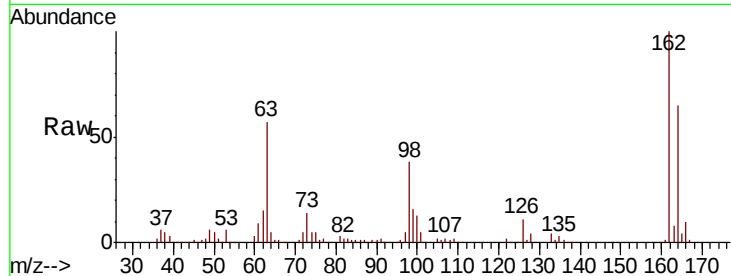




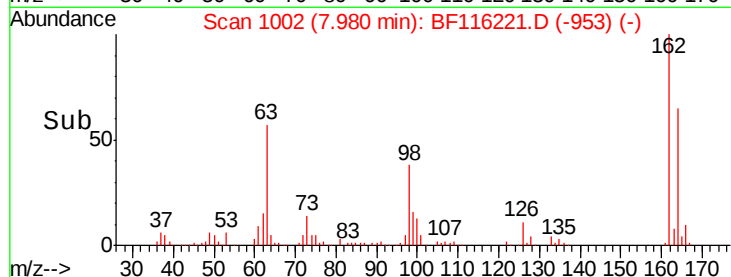
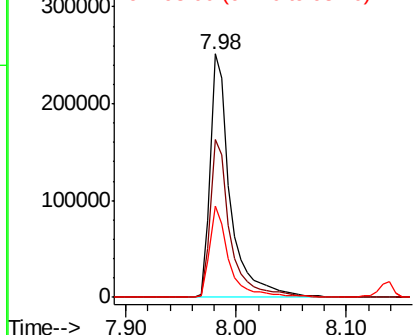
#29
 2,4-Dichlorophenol
 Concen: 44.640 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF116221.D
 Acq: 13 Aug 2019 10:25

Instrument :
 BNA_F
 ClientSampleId :
 PB122176BS

Tot Ion:162 Resp: 312320
 Ion Ratio Lower Upper
 162 100
 164 64.6 45.1 85.1
 98 37.6 15.8 55.8

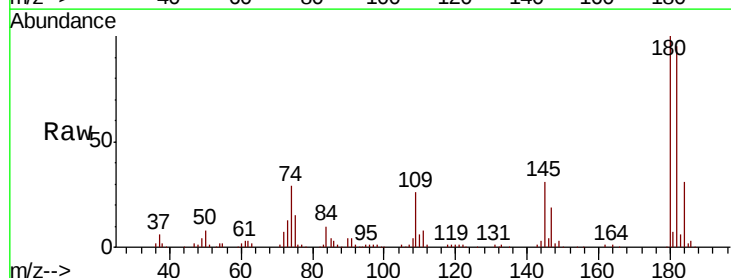


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

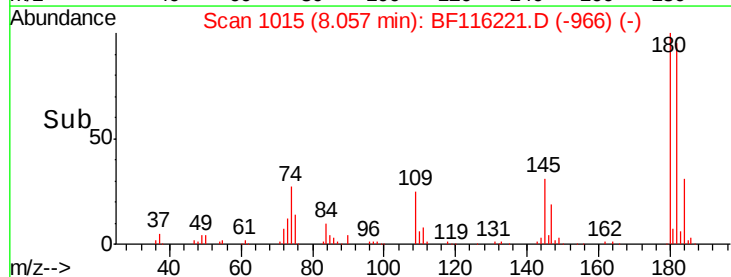
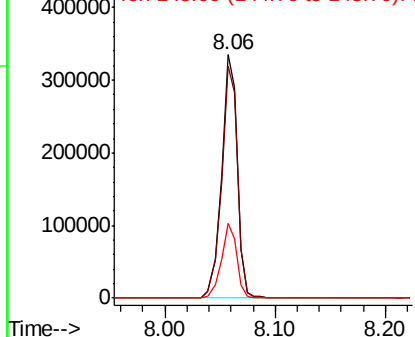


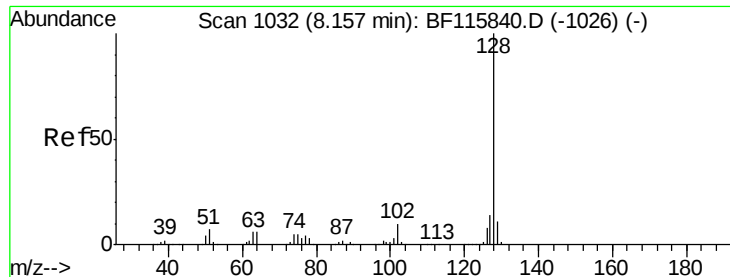
#30
 1,2,4-Trichlorobenzene
 Concen: 41.840 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BF116221.D
 Acq: 13 Aug 2019 10:25

Tgt Ion:180 Resp: 333682
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.7 113.5
 145 30.5 24.3 36.5



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

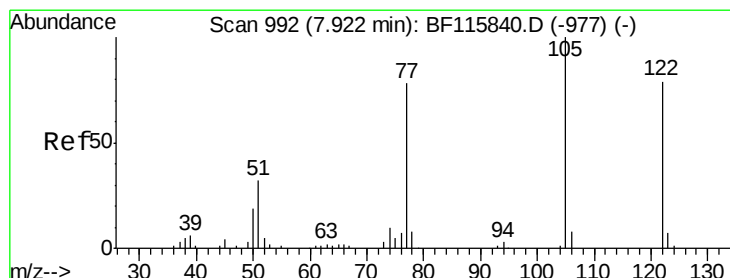
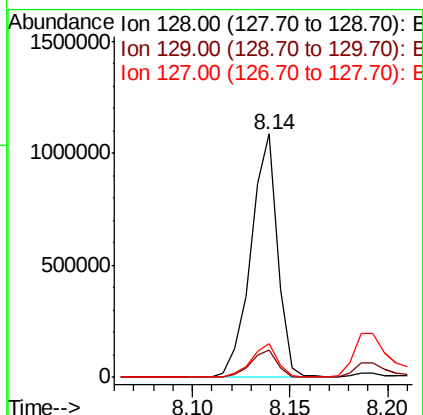
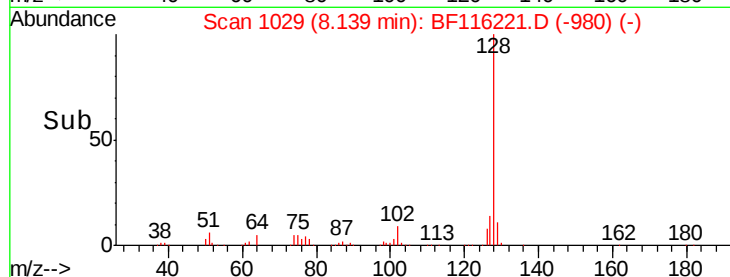
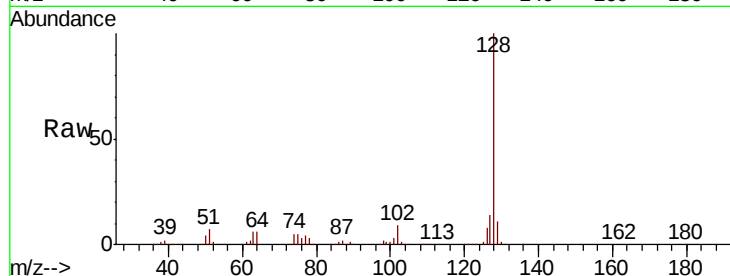




#31
Naphthalene
Concen: 43.839 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF116221.D
Acq: 13 Aug 2019 10:25

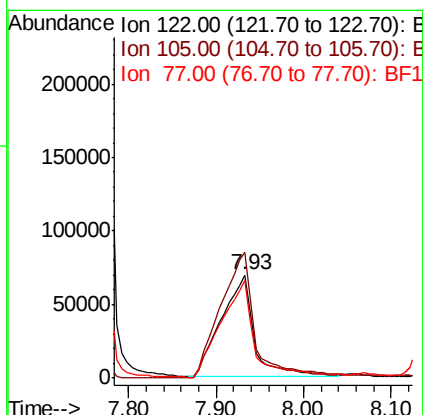
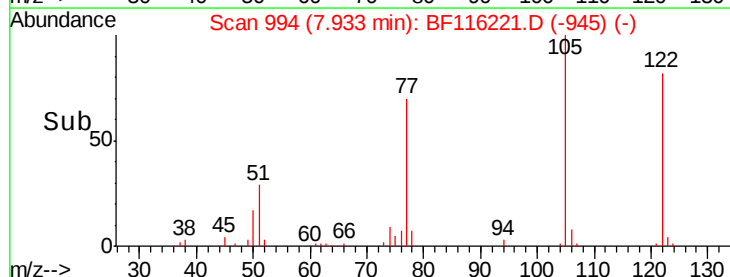
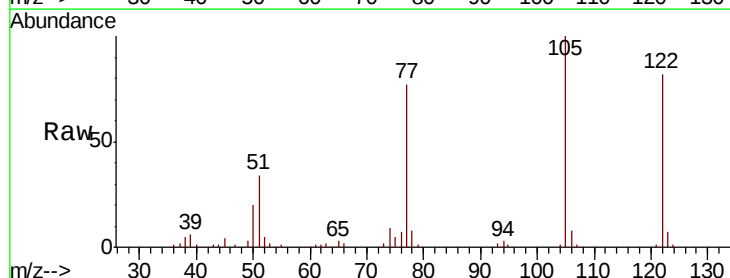
Instrument :
BNA_F
ClientSampleId :
PB122176BS

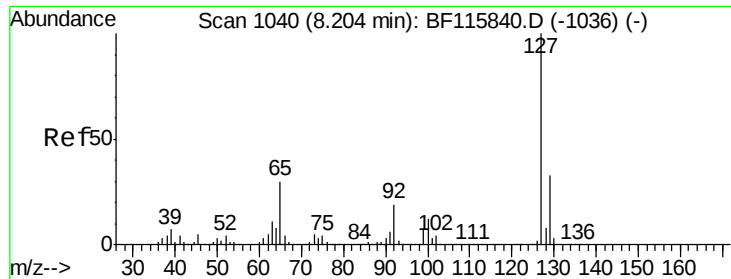
Tot Ion:128 Resp: 1030429
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.7 11.4 17.0



#32
Benzoic acid
Concen: 38.584 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF116221.D
Acq: 13 Aug 2019 10:25

Tgt Ion:122 Resp: 180251
Ion Ratio Lower Upper
122 100
105 122.5 106.1 146.1
77 94.3 76.7 116.7

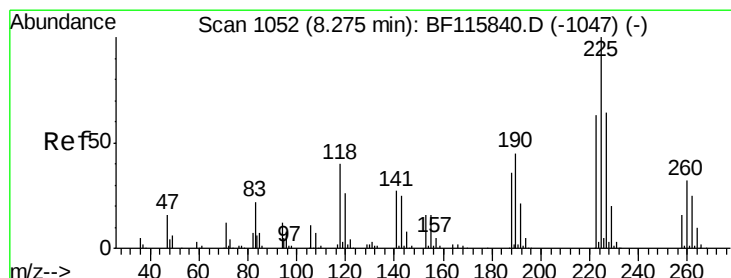
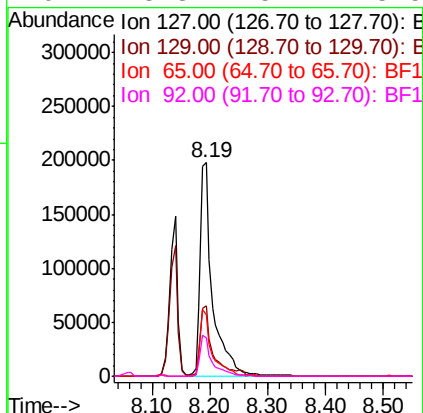
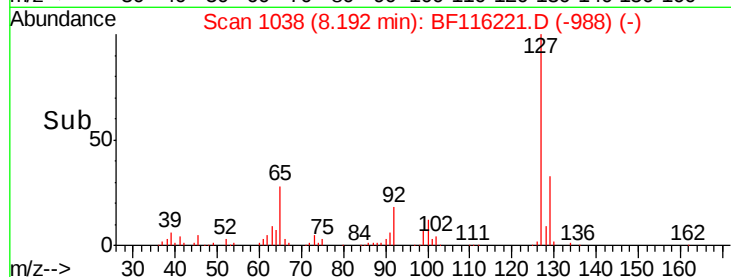
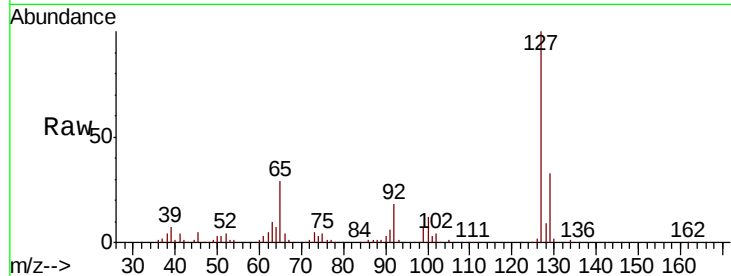




#33
4-Chloroaniline
Concen: 28.870 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116221.D
Acq: 13 Aug 2019 10:25

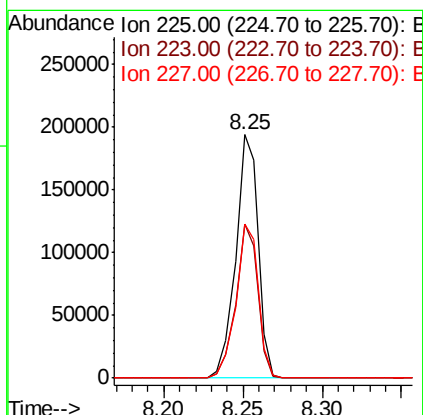
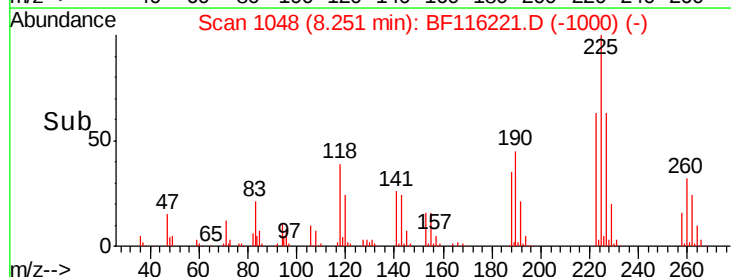
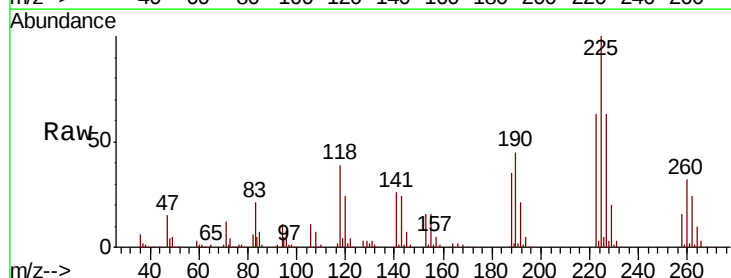
Instrument :
BNA_F
ClientSampleId :
PB122176BS

Tot Ion:	127	Resp:	303200
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.1	39.1
65	28.8	24.9	37.3
92	18.3	15.7	23.5



#34
Hexachlorobutadiene
Concen: 41.337 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF116221.D
Acq: 13 Aug 2019 10:25

Tgt Ion:	225	Resp:	189890
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.0	75.0
227	63.0	51.0	76.4

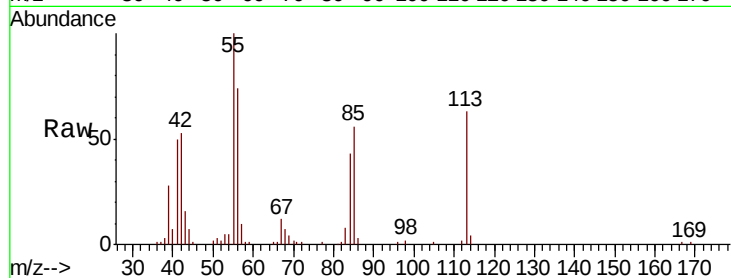




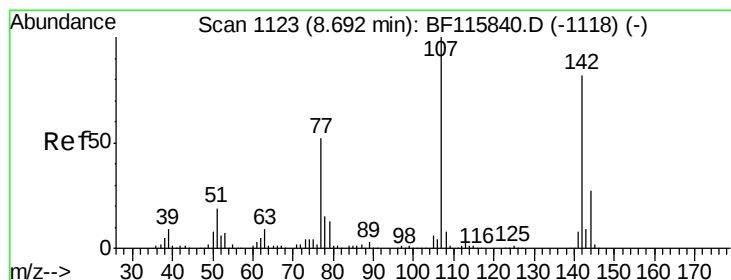
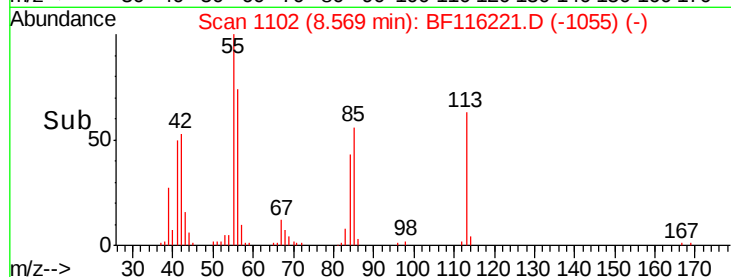
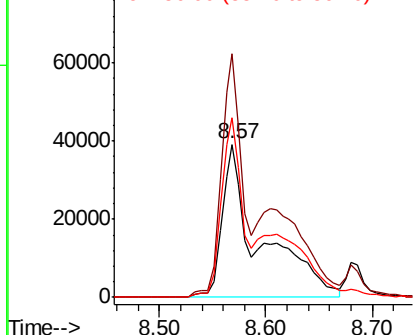
#35
Caprolactam
Concen: 42.865 ng/ml
RT: 8.57 min Scan# 1102
Delta R.T. -0.02 min
Lab File: BF116221.D
Acq: 13 Aug 2019 10:25

Instrument :
BNA_F
ClientSampleId :
PB122176BS

Tot Ion:113 Resp: 96995
Ion Ratio Lower Upper
113 100
55 159.4 144.3 184.3
56 117.3 97.1 137.1

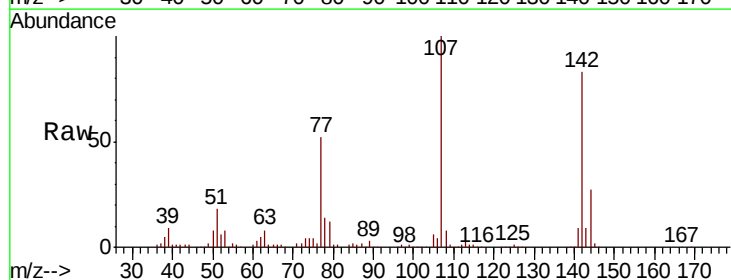


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

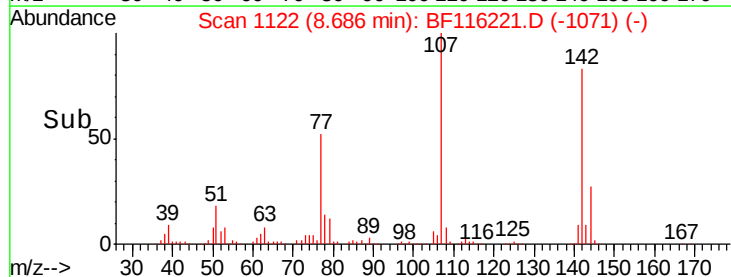
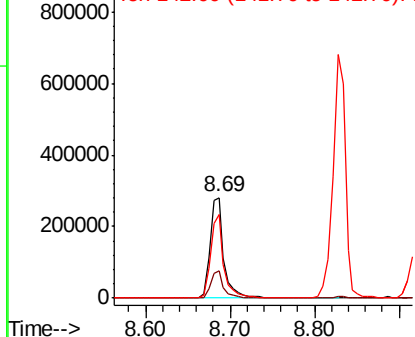


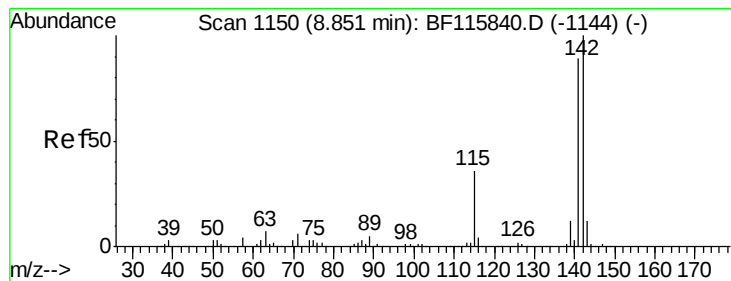
#36
4-Chloro-3-methylphenol
Concen: 44.503 ng/ml
RT: 8.69 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BF116221.D
Acq: 13 Aug 2019 10:25

Tgt Ion:107 Resp: 323918
Ion Ratio Lower Upper
107 100
144 26.6 20.2 30.2
142 83.2 61.7 92.5



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: 44.493 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

Instrument :

BNA_F

ClientSampleId :

PB122176BS

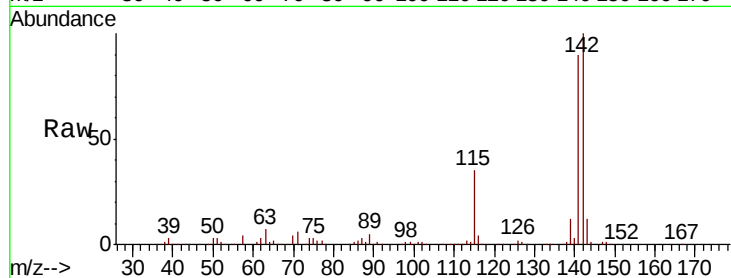
Tot Ion:142 Resp: 688752

Ion Ratio Lower Upper

142 100

141 89.8 70.9 106.3

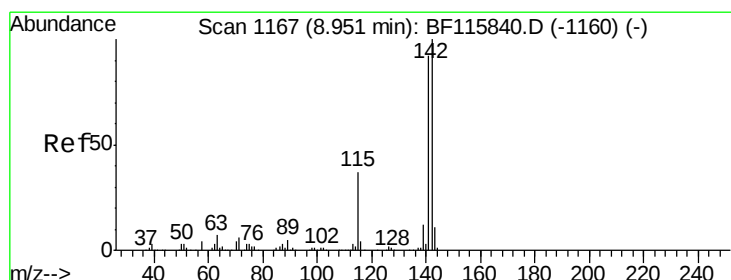
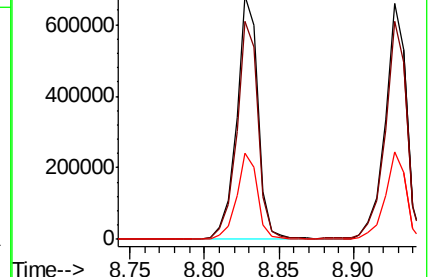
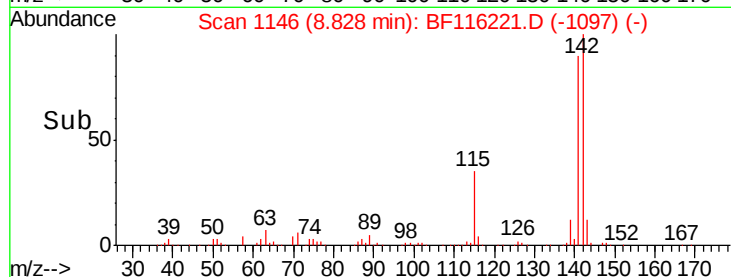
115 35.4 29.0 43.6



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: 43.618 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

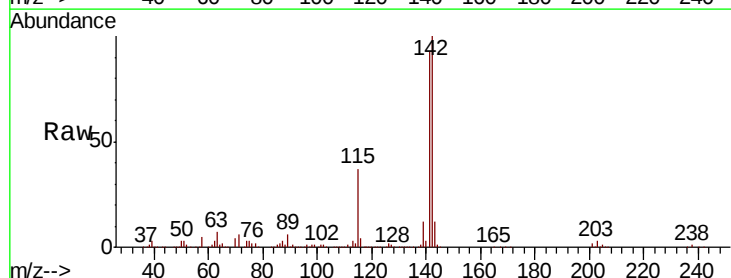
Tgt Ion:142 Resp: 638773

Ion Ratio Lower Upper

142 100

141 92.8 74.4 111.6

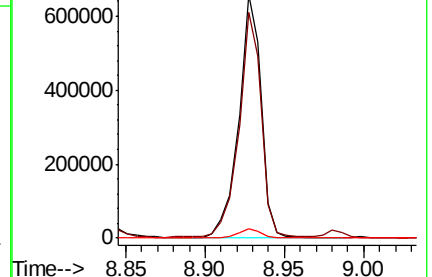
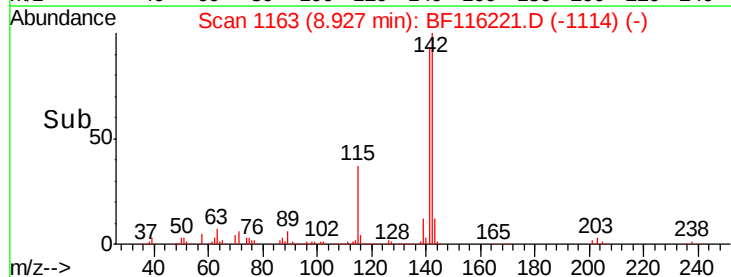
116 3.8 3.1 4.7

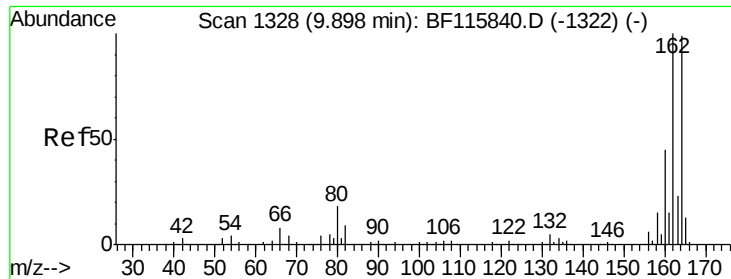


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

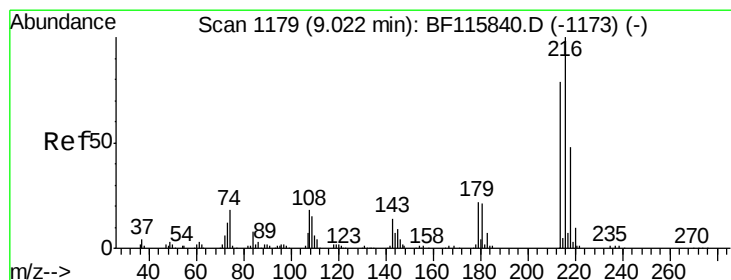
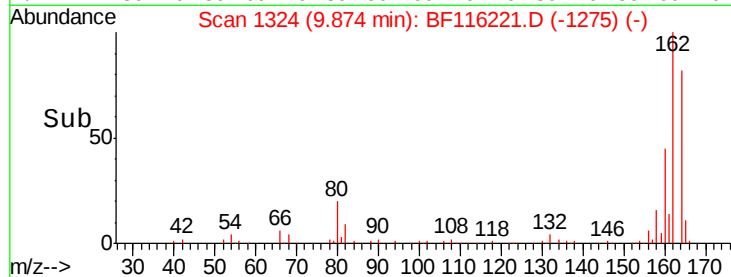
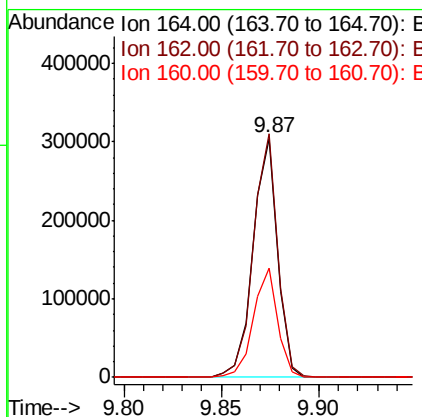
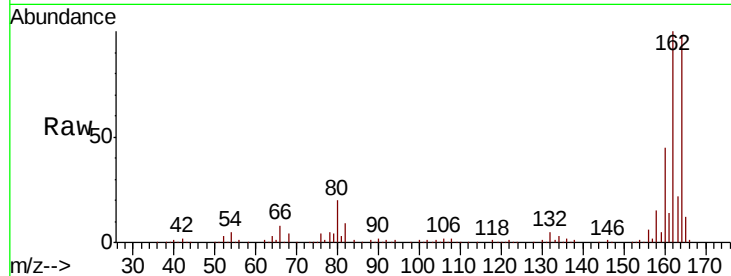




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF116221.D
 Acq: 13 Aug 2019 10:25

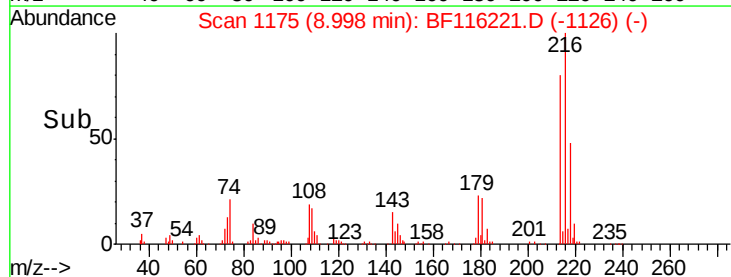
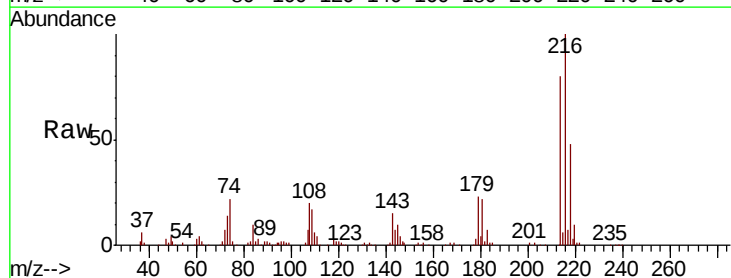
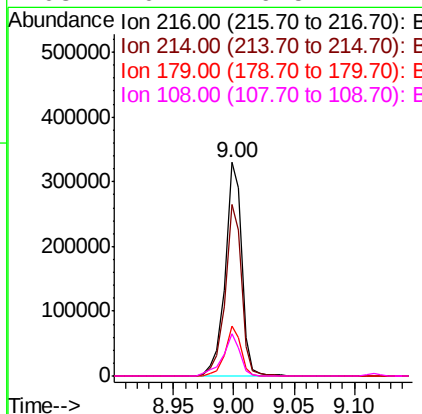
Instrument :
 BNA_F
 ClientSampleId :
 PB122176BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.6	124.0
160	45.9	37.6	56.4



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.510 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF116221.D
 Acq: 13 Aug 2019 10:25

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.6	95.4
179	21.9	17.8	26.8
108	20.4	16.5	24.7





#41

Hexachlorocyclopentadiene

Concen: 43.024 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

Instrument :

BNA_F

ClientSampleId :

PB122176BS

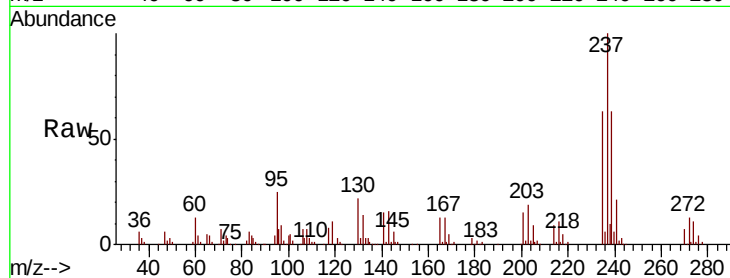
Tot Ion:237 Resp: 127495

Ion Ratio Lower Upper

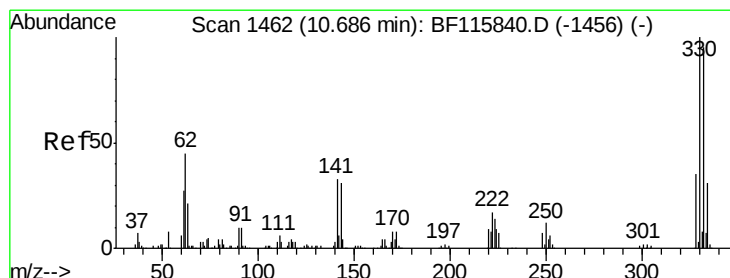
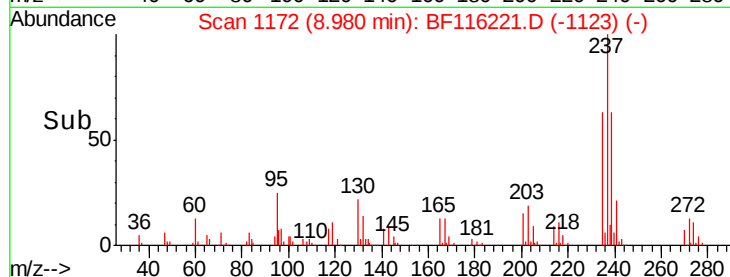
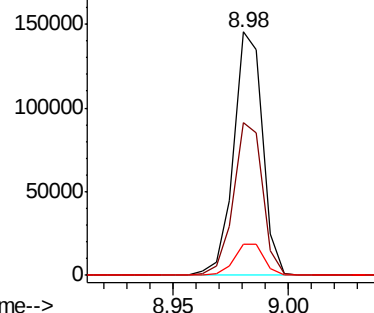
237 100

235 62.5 43.4 83.4

272 12.8 0.0 33.2



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: 111.129 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

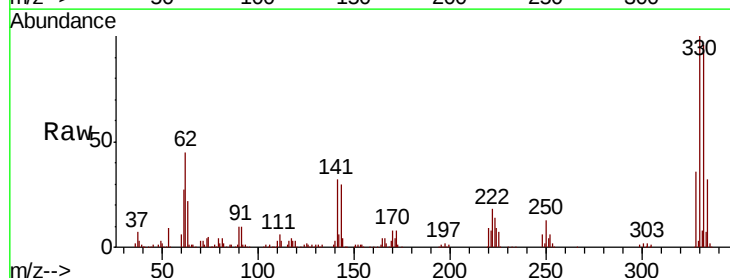
Tgt Ion:330 Resp: 285657

Ion Ratio Lower Upper

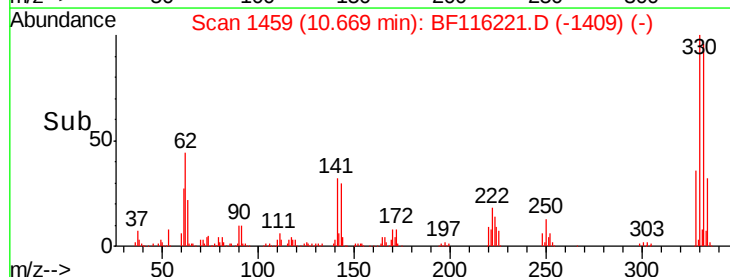
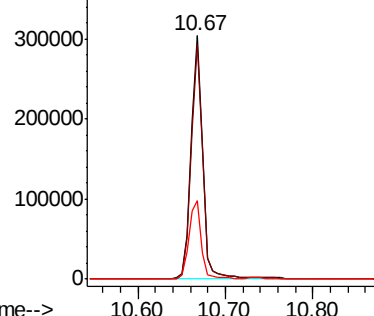
330 100

332 96.4 76.8 115.2

141 33.3 26.3 39.5



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

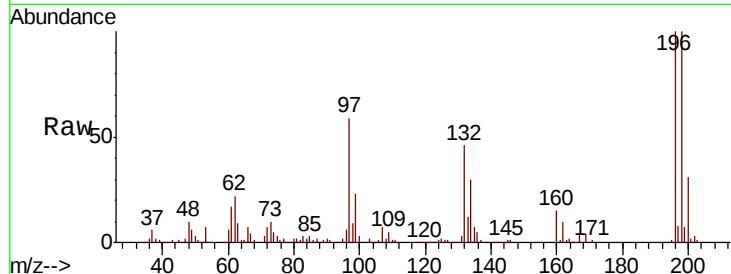




#43
 2,4,6-Trichlorophenol
 Concen: 41.662 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116221.D
 Acq: 13 Aug 2019 10:25

Instrument :
 BNA_F
 ClientSampleId :
 PB122176BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.1	79.2	118.8
200	31.4	25.2	37.8

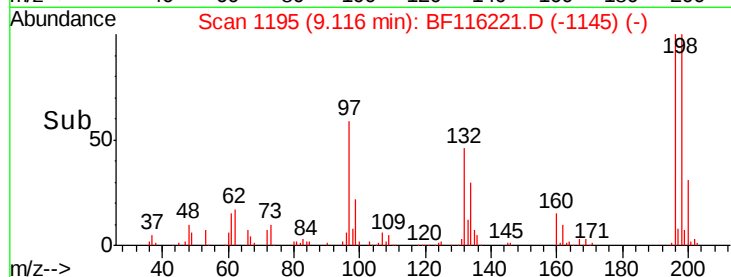
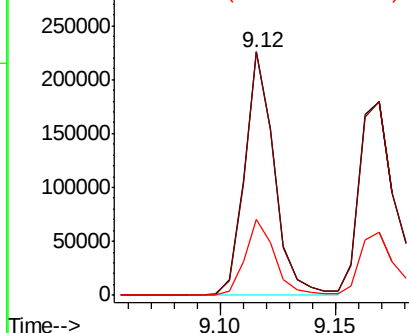


Abundance

Ion 196.00 (195.70 to 196.70): E

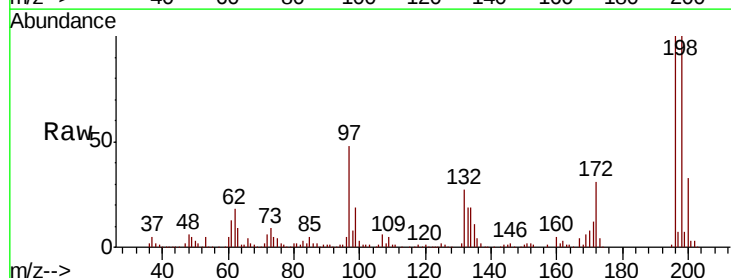
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 42.269 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF116221.D
 Acq: 13 Aug 2019 10:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.1	78.8	118.2
97	47.7	42.2	63.4
132	27.4	24.0	36.0



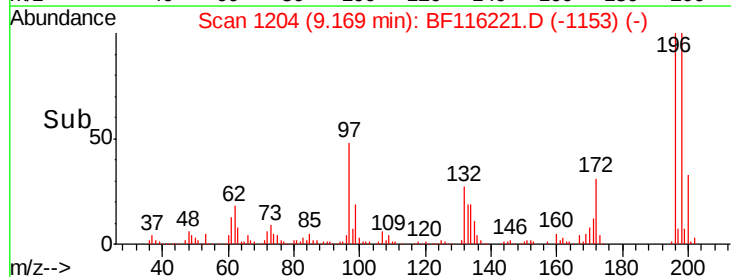
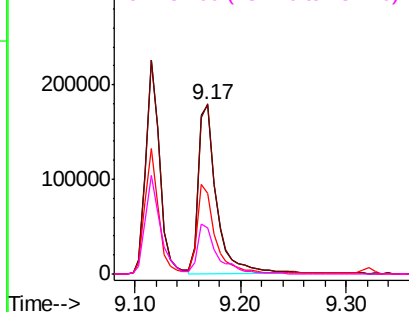
Abundance

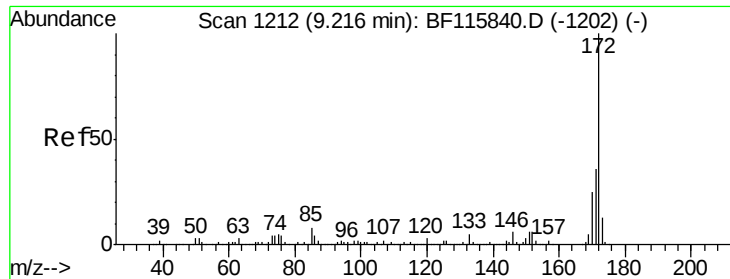
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

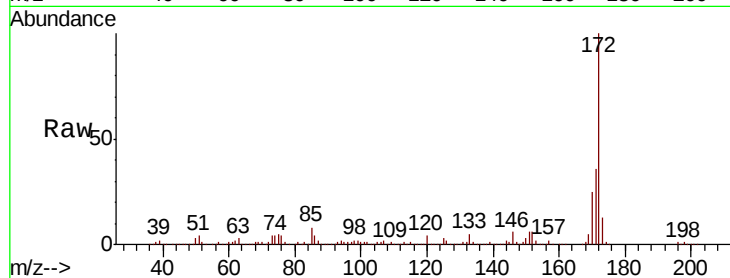




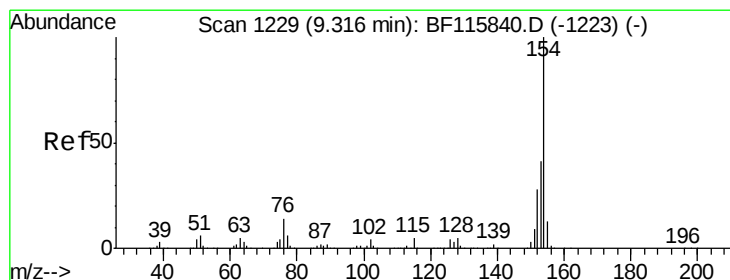
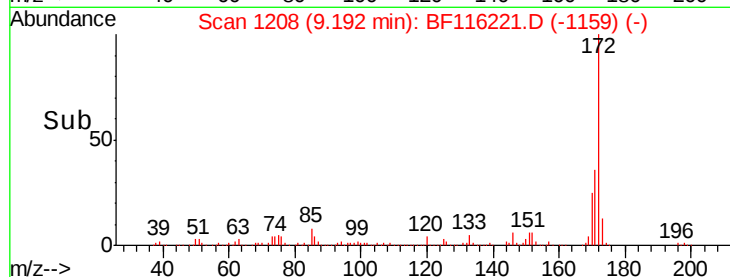
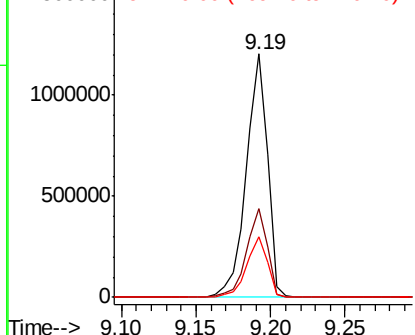
#45
2-Fluorobiphenyl
Concen: 83.250 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116221.D
Acq: 13 Aug 2019 10:25

Instrument :
BNA_F
ClientSampleId :
PB122176BS

Tot Ion:172 Resp: 1178384
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 25.1 20.1 30.1

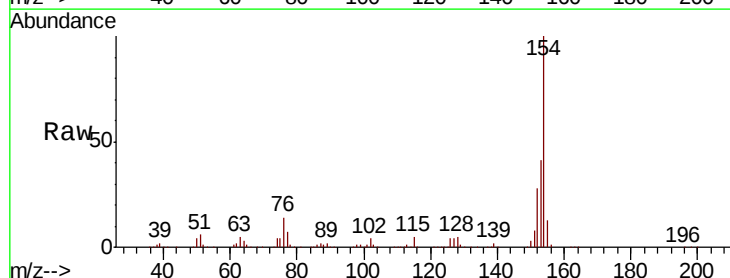


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

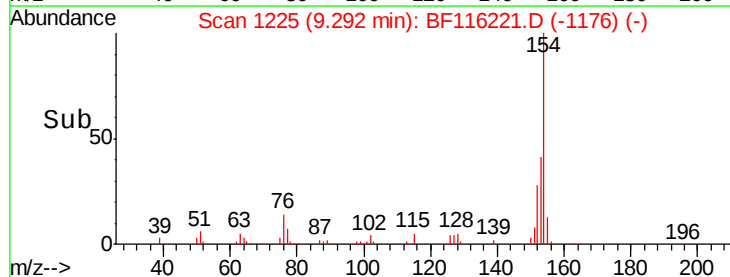
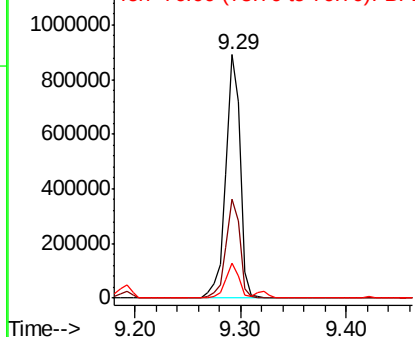


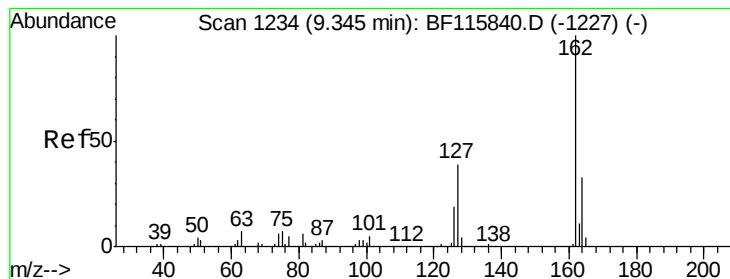
#46
1,1'-Biphenyl
Concen: 44.749 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF116221.D
Acq: 13 Aug 2019 10:25

Tgt Ion:154 Resp: 837611
Ion Ratio Lower Upper
154 100
153 40.7 21.4 61.4
76 14.3 0.0 35.2



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





#47

2-Chloronaphthalene

Concen: 41.837 ng

RT: 9.32 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

Instrument :

BNA_F

ClientSampleId :

PB122176BS

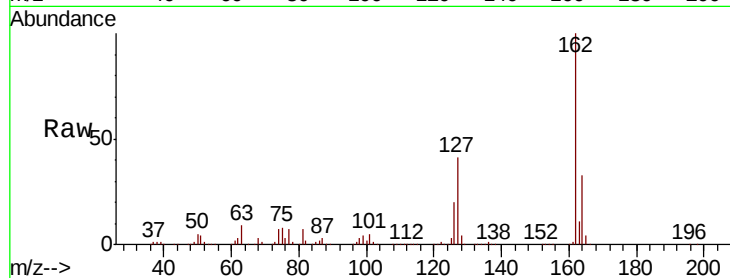
Tot Ion: 162 Resp: 651774

Ion Ratio Lower Upper

162 100

127 40.6 32.8 49.2

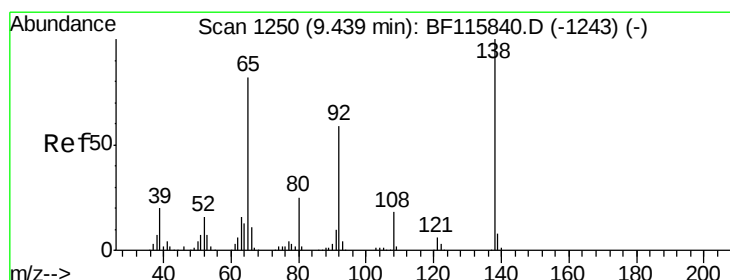
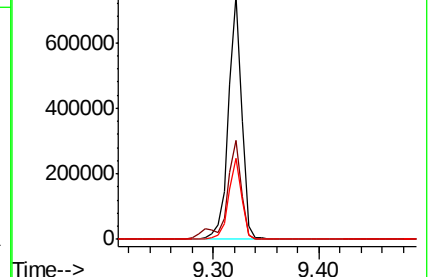
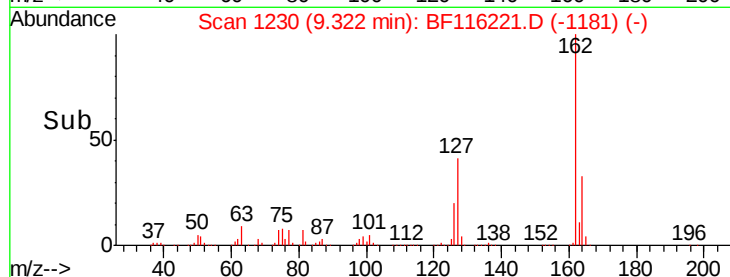
164 33.2 26.6 39.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.115 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

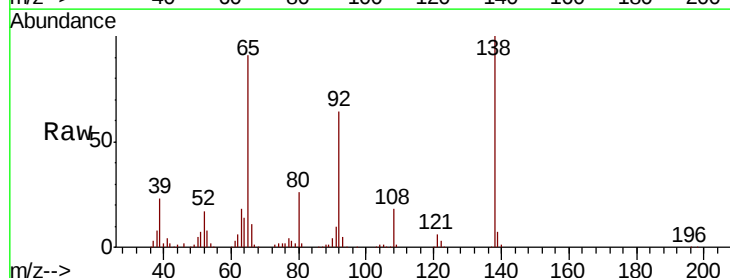
Tgt Ion: 65 Resp: 206567

Ion Ratio Lower Upper

65 100

92 69.7 57.8 86.8

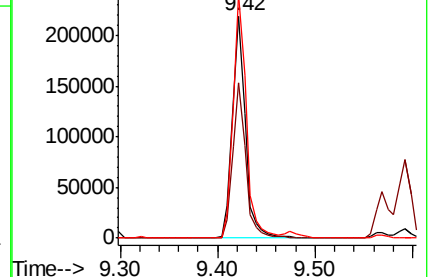
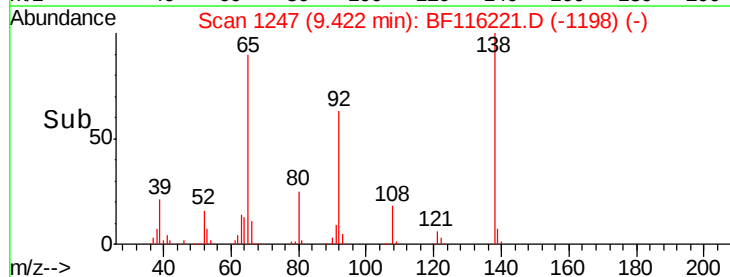
138 109.5 94.0 141.0

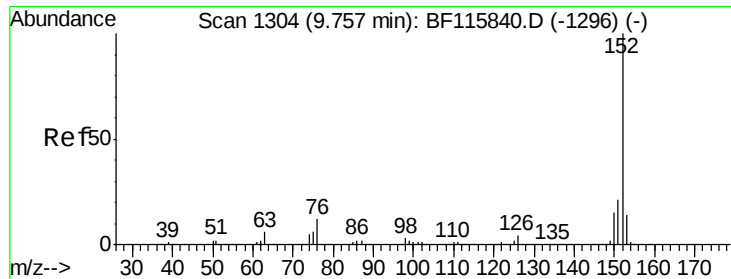


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.034 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

Instrument :

BNA_F

ClientSampleId :

PB122176BS

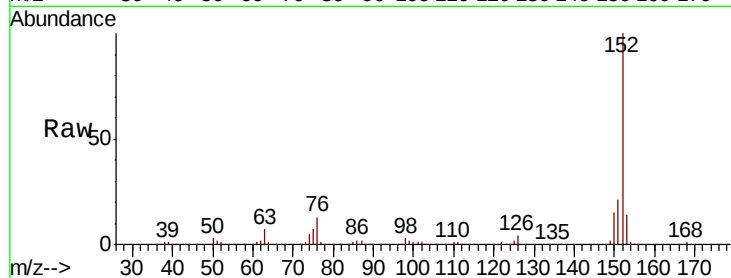
Tot Ion:152 Resp: 978092

Ion Ratio Lower Upper

152 100

151 21.1 17.2 25.8

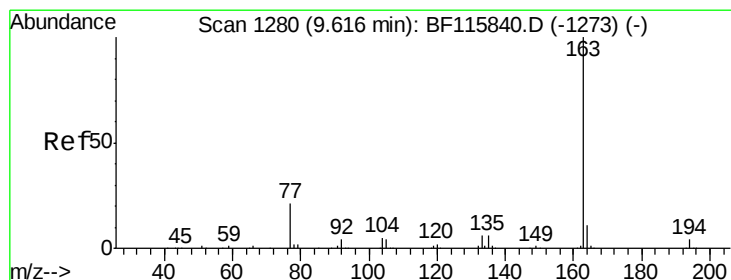
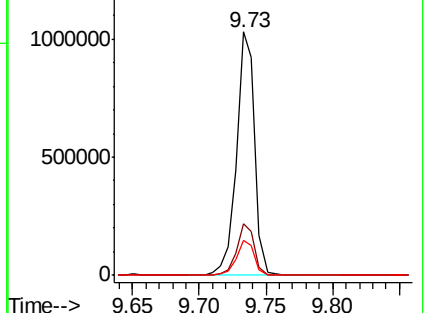
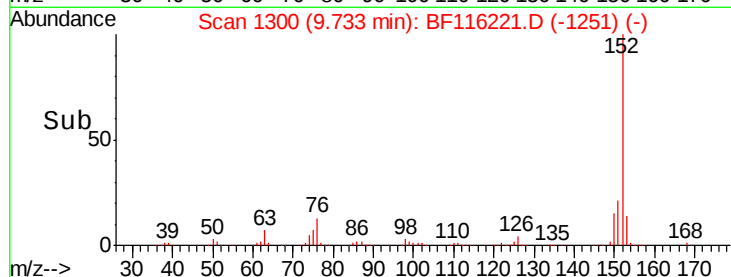
153 14.4 11.8 17.8



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: 42.321 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

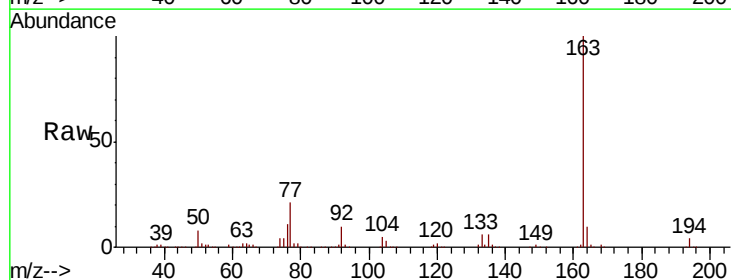
Tgt Ion:163 Resp: 763997

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

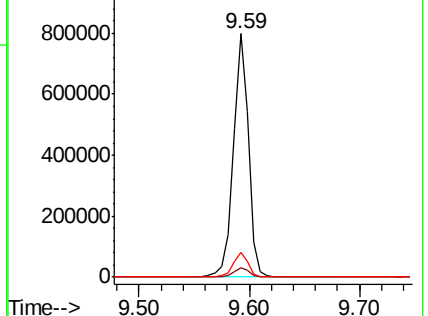
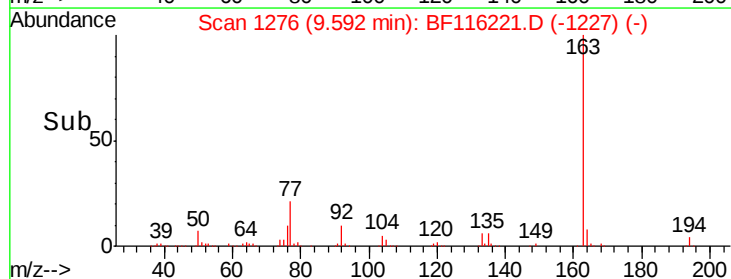
164 10.2 8.4 12.6

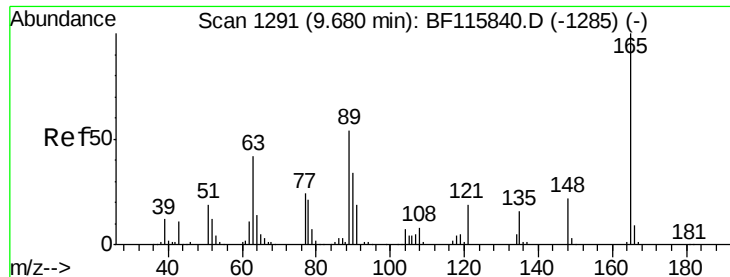


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.047 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

Instrument :

BNA_F

ClientSampleId :

PB122176BS

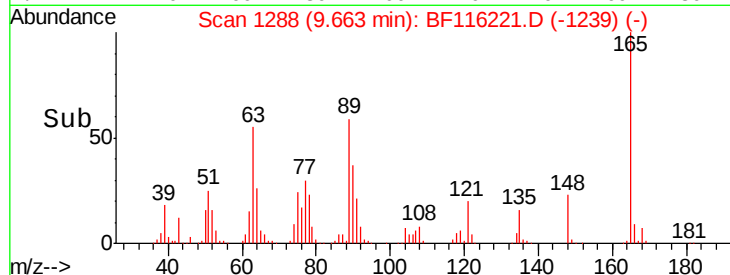
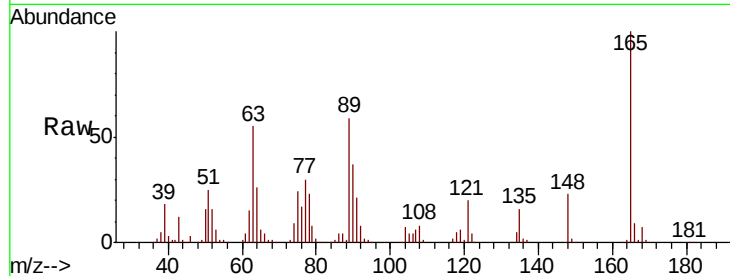
Tot Ion:165 Resp: 168878

Ion Ratio Lower Upper

165 100

63 55.5 38.2 57.2

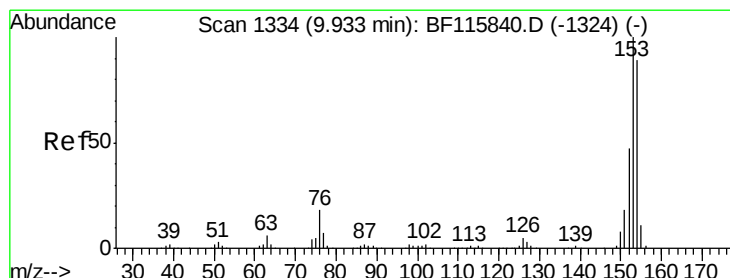
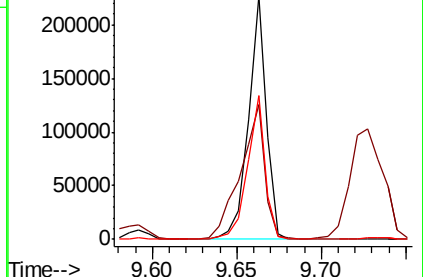
89 59.0 42.9 64.3



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: 42.516 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

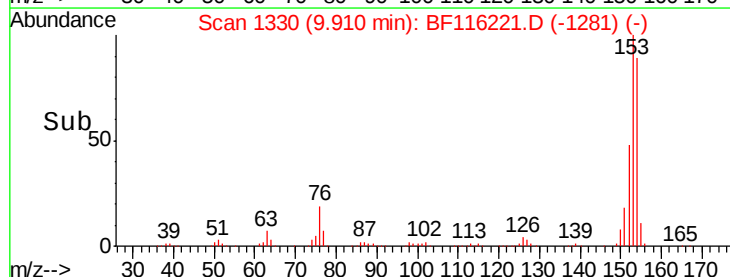
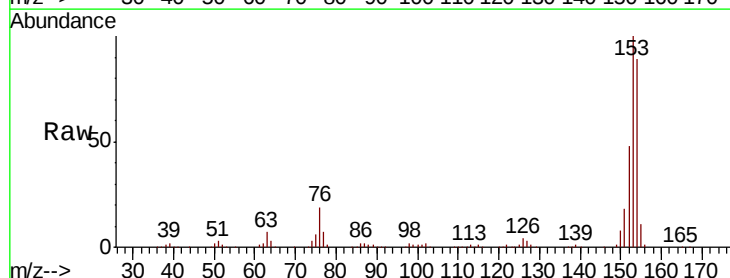
Tgt Ion:154 Resp: 592823

Ion Ratio Lower Upper

154 100

153 112.0 89.4 134.0

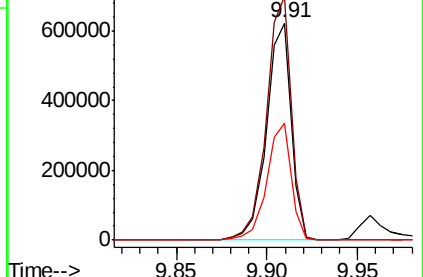
152 53.6 42.3 63.5

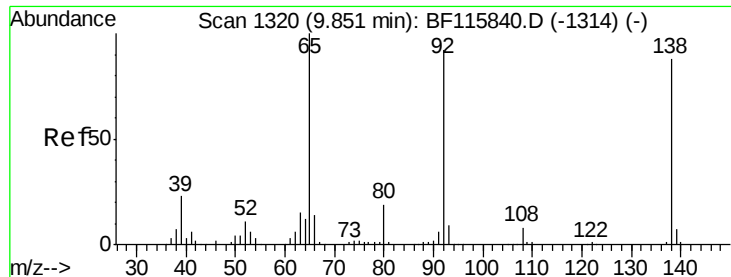


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

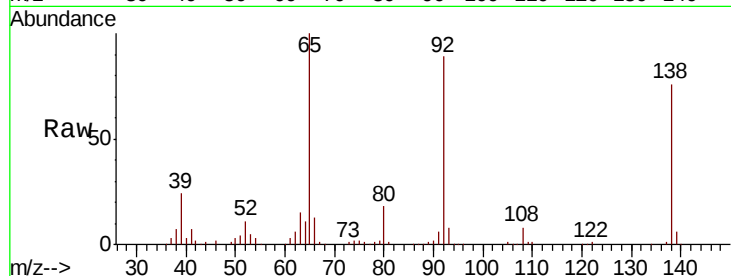




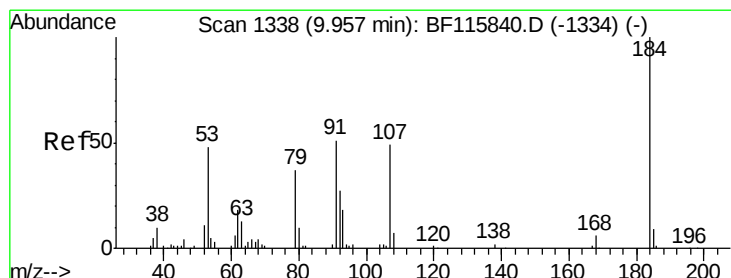
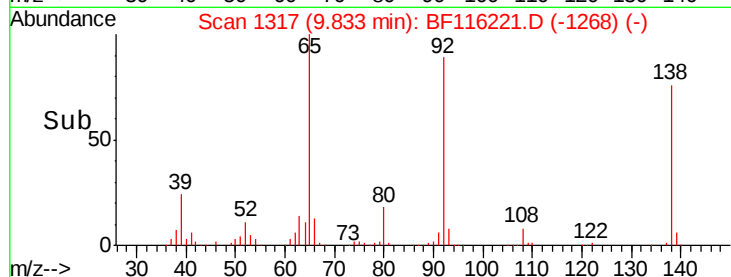
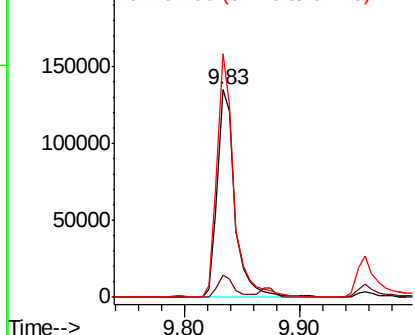
#53
 3-Nitroaniline
 Concen: 29.743 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF116221.D
 Acq: 13 Aug 2019 10:25

Instrument :
 BNA_F
 ClientSampleId :
 PB122176BS

Tot Ion:138 Resp: 144176
 Ion Ratio Lower Upper
 138 100
 108 10.5 8.0 12.0
 92 117.2 91.0 136.6

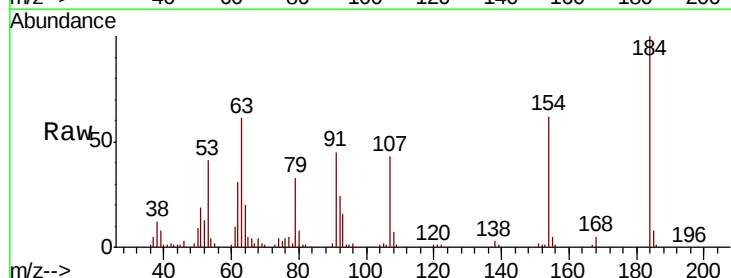


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

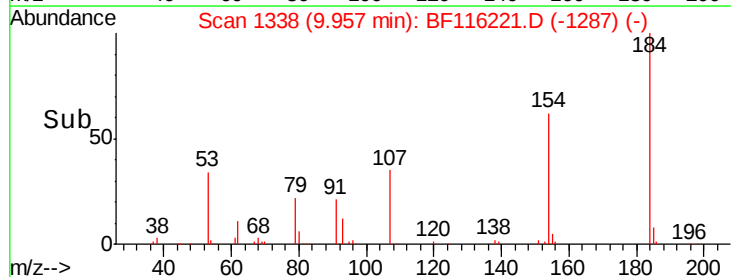
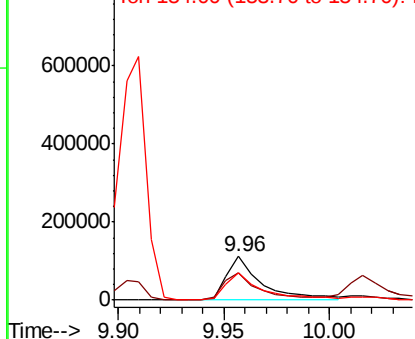


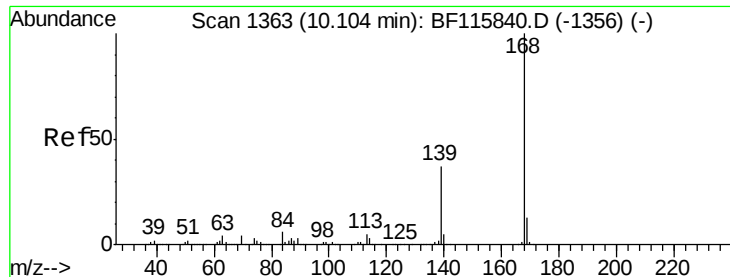
#54
 2,4-Dinitrophenol
 Concen: 66.290 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BF116221.D
 Acq: 13 Aug 2019 10:25

Tgt Ion:184 Resp: 129311
 Ion Ratio Lower Upper
 184 100
 63 61.3 53.0 79.4
 154 62.0 50.1 75.1



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

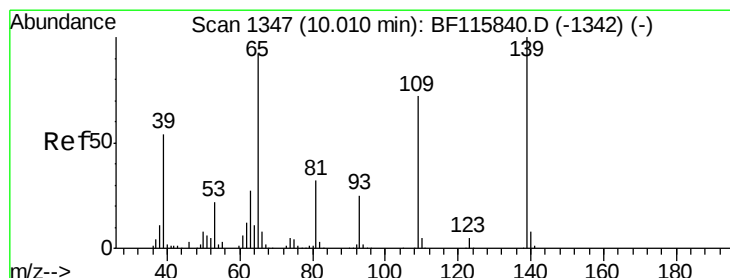
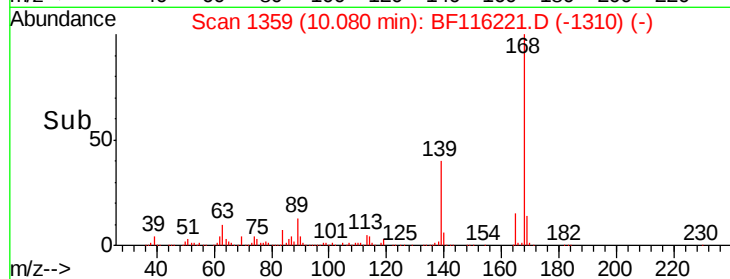
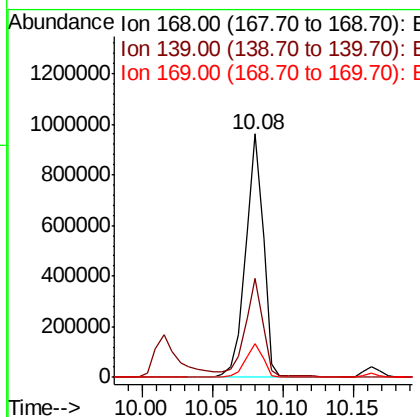
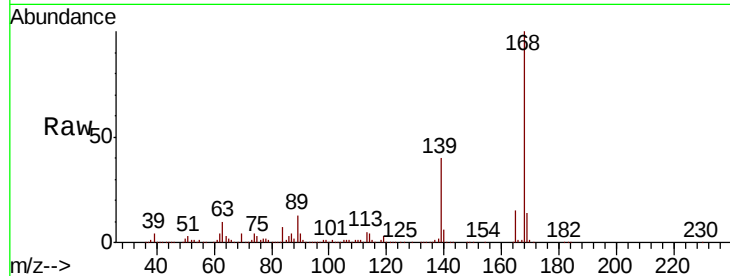




#55
Dibenzofuran
Concen: 41.485 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF116221.D
Acq: 13 Aug 2019 10:25

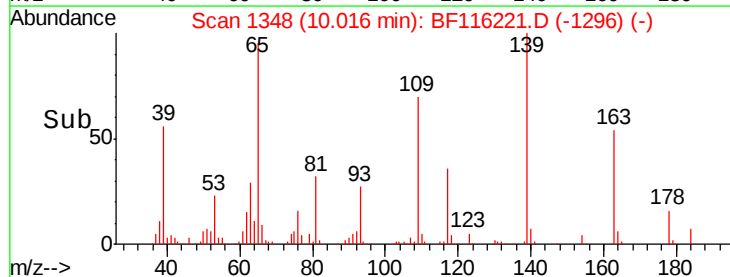
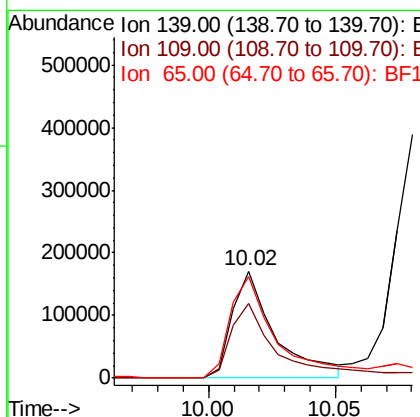
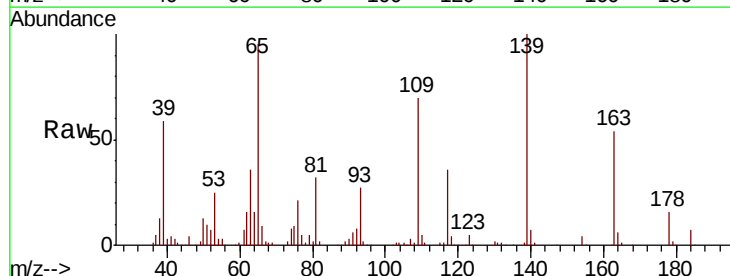
Instrument :
BNA_F
ClientSampleId :
PB122176BS

Tot Ion:168 Resp: 841204
Ion Ratio Lower Upper
168 100
139 40.4 31.4 47.2
169 13.7 10.9 16.3



#56
4-Nitrophenol
Concen: 65.161 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF116221.D
Acq: 13 Aug 2019 10:25

Tgt Ion:139 Resp: 202344
Ion Ratio Lower Upper
139 100
109 70.3 54.4 94.4
65 95.0 80.6 120.6





#57

2,4-Dinitrotoluene

Concen: 40.445 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

Instrument :

BNA_F

ClientSampleId :

PB122176BS

Tot Ion:165 Resp: 211255

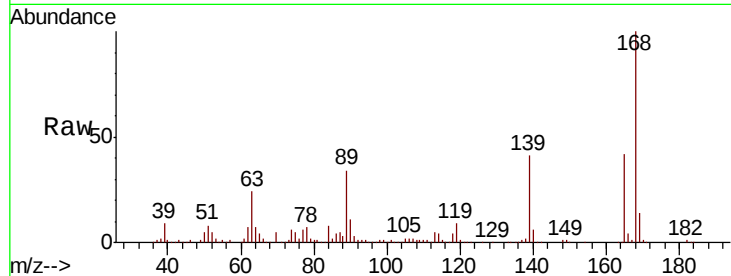
Ion Ratio Lower Upper

165 100

63 56.0 39.6 59.4

89 81.4 62.2 93.2

182 2.6 2.1 3.1

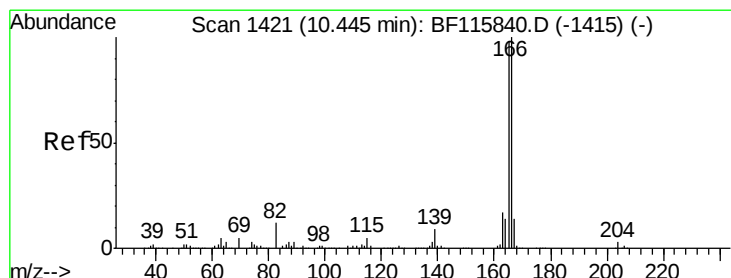
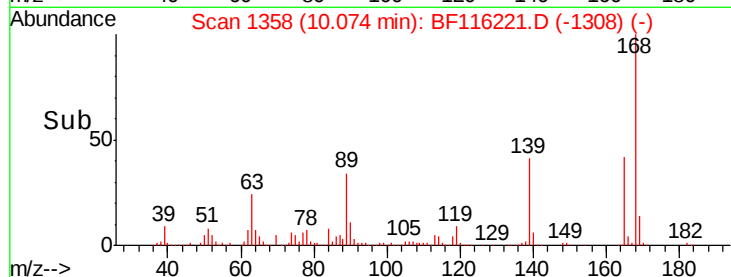
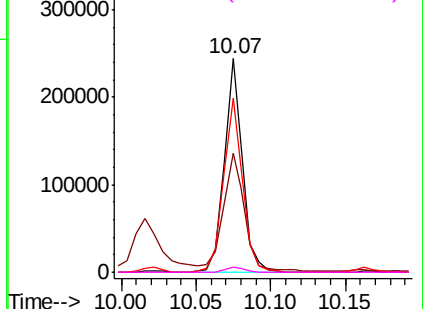


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 44.043 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

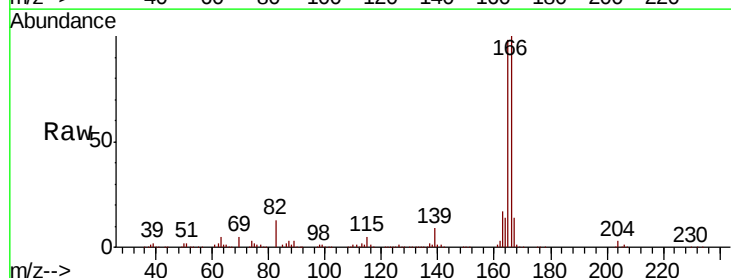
Tgt Ion:166 Resp: 687104

Ion Ratio Lower Upper

166 100

165 98.4 78.4 117.6

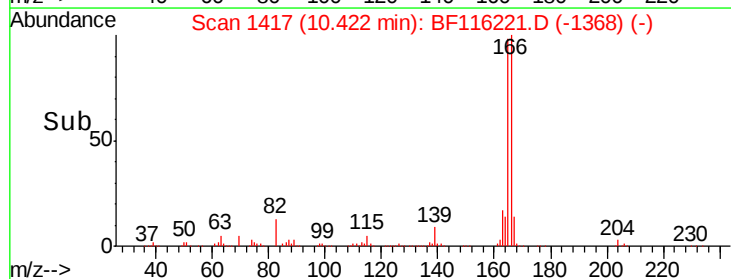
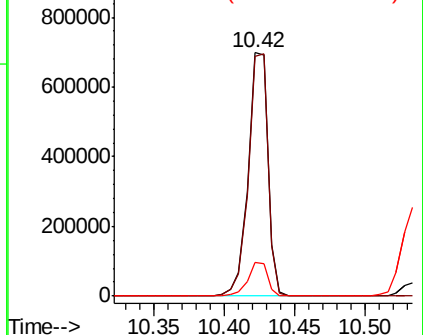
167 14.0 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

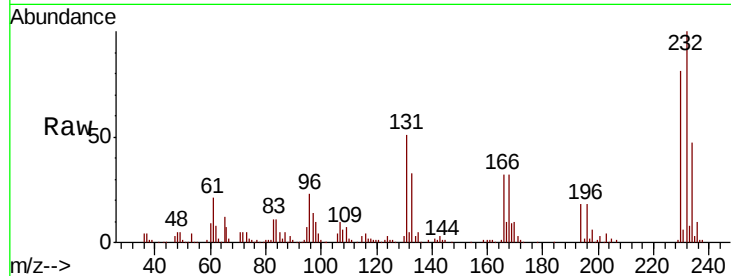




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.643 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF116221.D
 Acq: 13 Aug 2019 10:25

Instrument :
 BNA_F
 ClientSampleId :
 PB122176BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.9	36.2	54.2
130	2.2	1.9	2.9
166	28.2	23.0	34.4



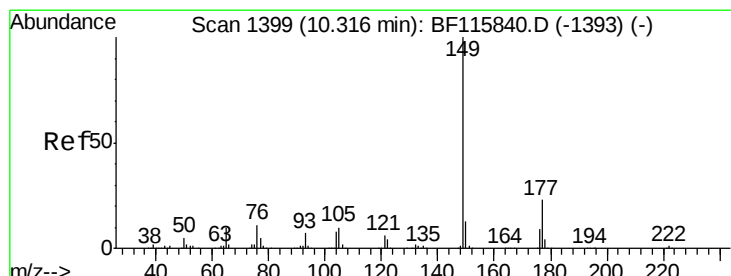
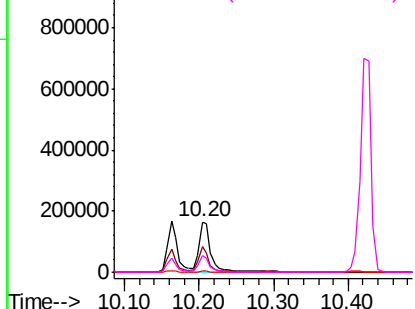
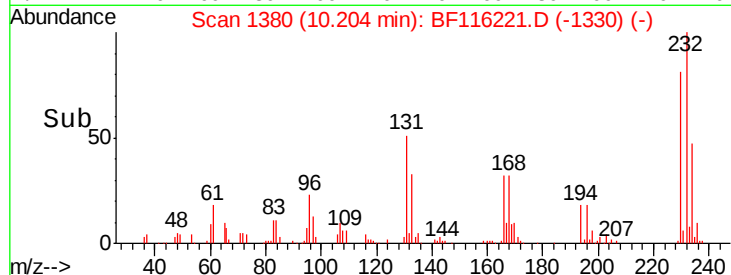
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

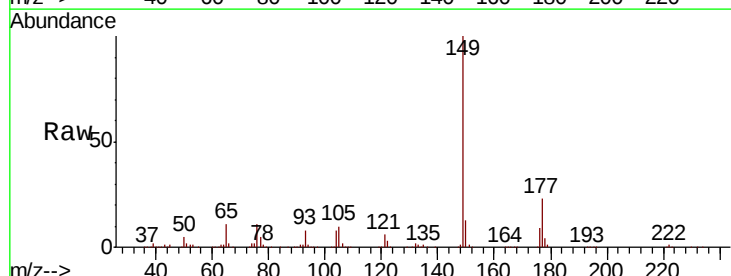
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 43.957 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF116221.D
 Acq: 13 Aug 2019 10:25

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.8	28.2
150	12.7	10.2	15.4

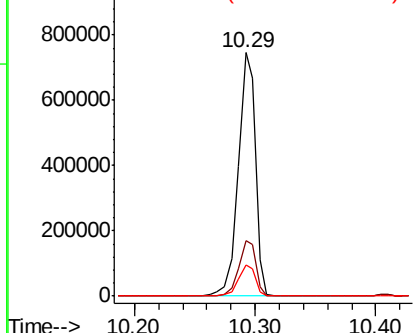
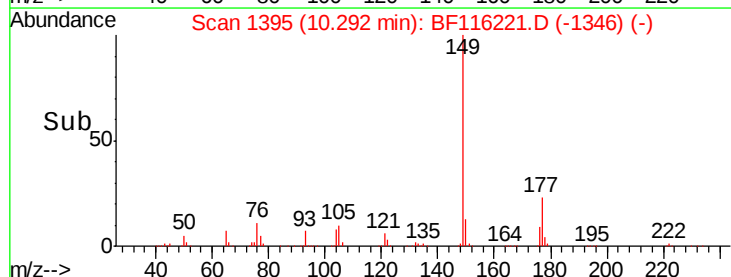


Abundance

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

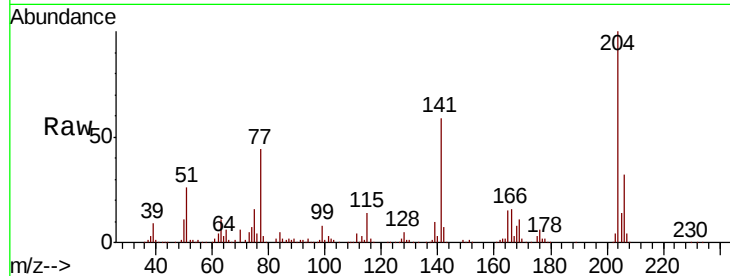




#61
 4-Chlorophenyl-phenylether
 Concen: 43.731 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF116221.D
 Acq: 13 Aug 2019 10:25

Instrument :
 BNA_F
 ClientSampleId :
 PB122176BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.4	39.6
141	58.7	46.4	69.6

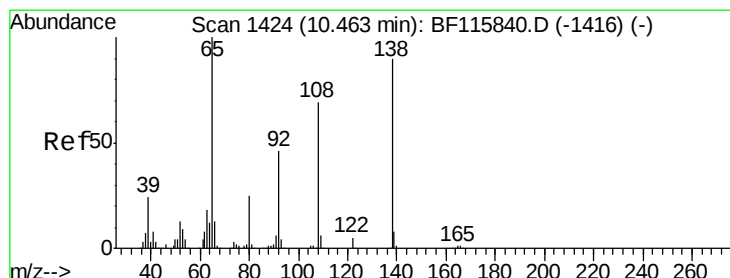
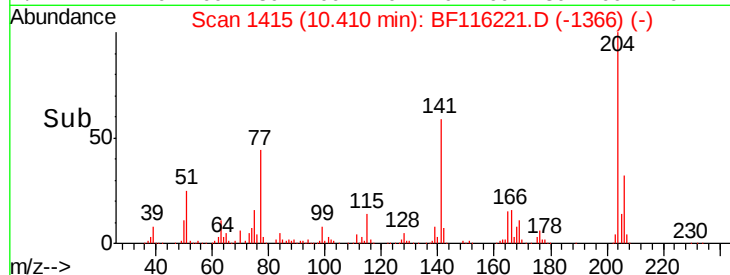
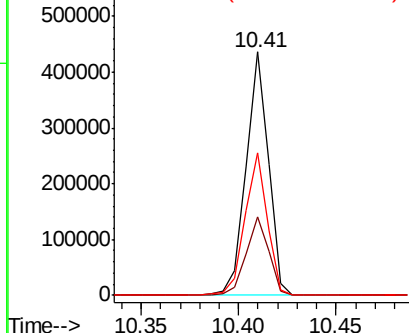


Abundance

Ion 204.00 (203.70 to 204.70): E

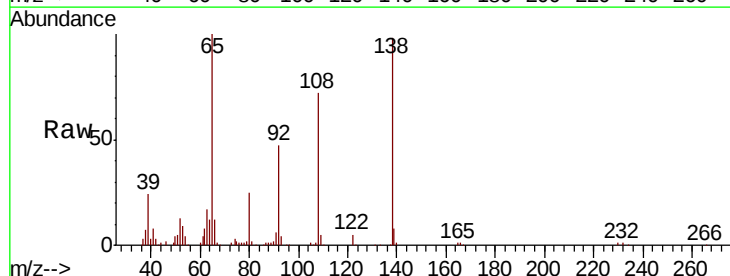
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 32.866 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF116221.D
 Acq: 13 Aug 2019 10:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.2	29.0	69.0
108	73.0	54.7	94.7

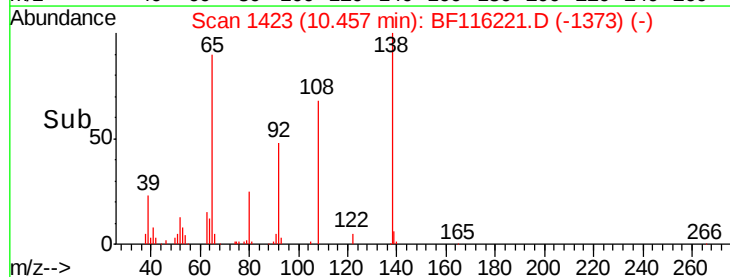
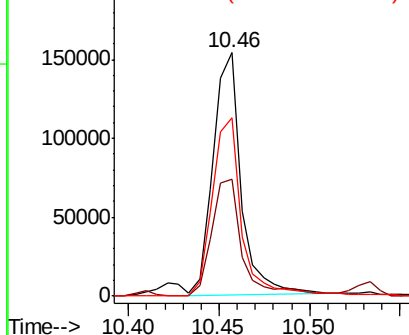


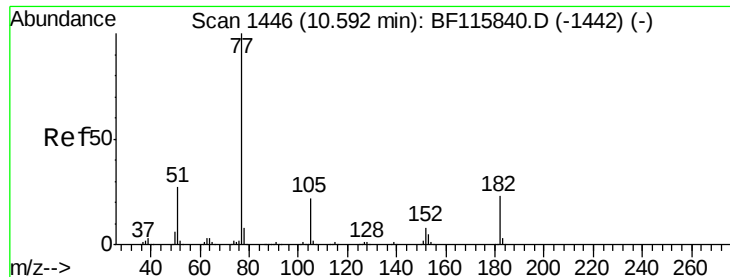
Abundance

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

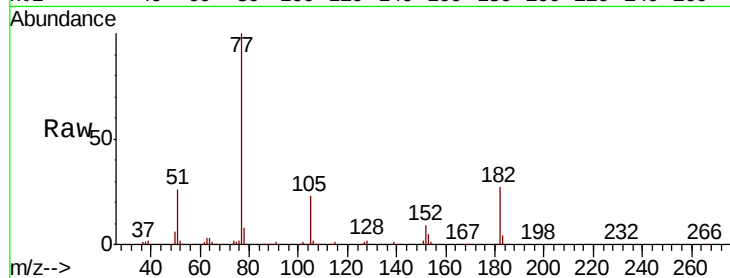




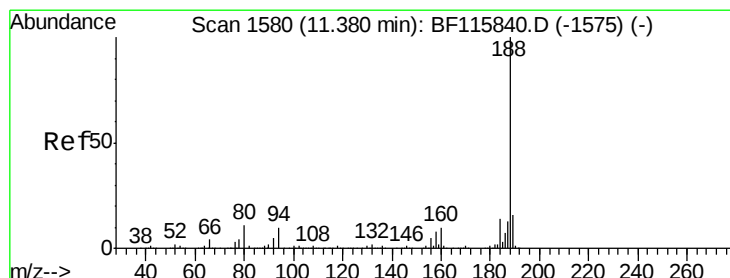
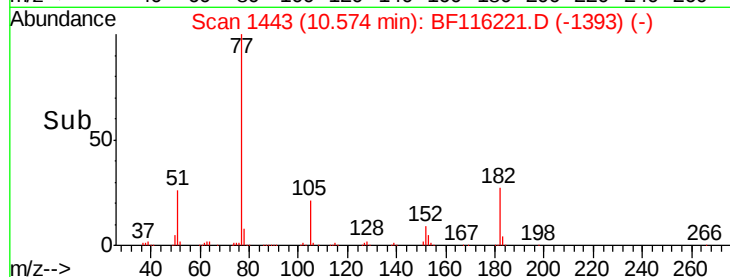
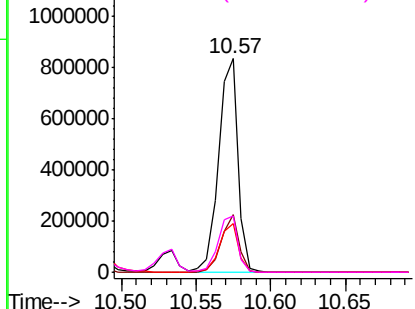
#63
Azobenzene
Concen: 43.925 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF116221.D
Acq: 13 Aug 2019 10:25

Instrument :
BNA_F
ClientSampleId :
PB122176BS

Tot Ion:	77	Resp:	761459
Ion	Ratio	Lower	Upper
77	100		
182	26.8	4.0	44.0
105	22.7	2.0	42.0
51	26.3	7.5	47.5

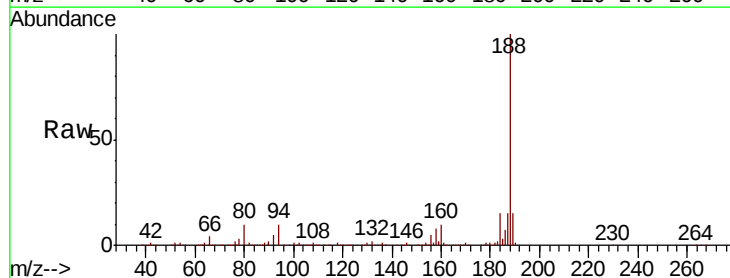


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

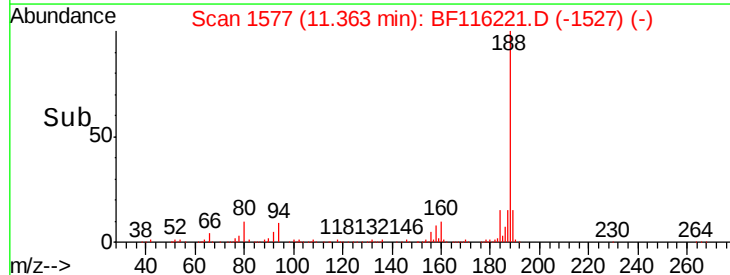
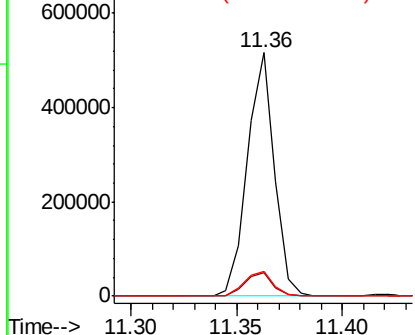


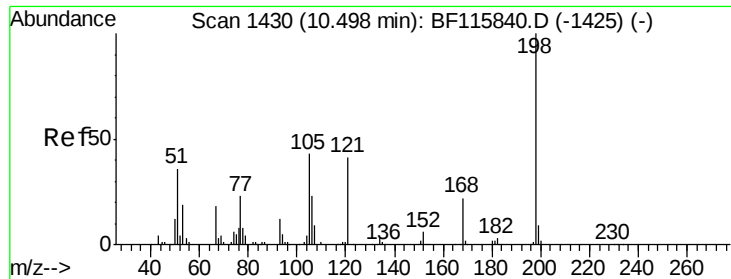
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116221.D
Acq: 13 Aug 2019 10:25

Tgt Ion:	188	Resp:	458851
Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.1	12.1
80	10.2	8.7	13.1



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 42.739 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

Instrument :

BNA_F

ClientSampleId :

PB122176BS

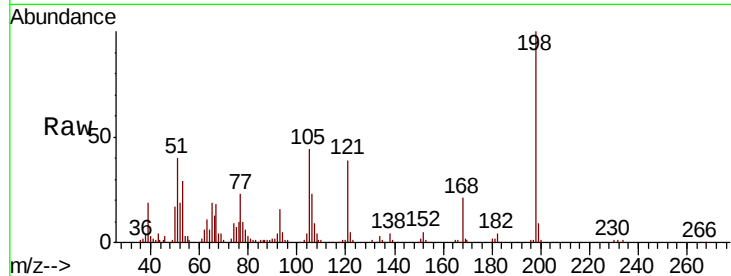
Tot Ion:198 Resp: 103925

Ion	Ratio	Lower	Upper
198	100		
51	39.9	17.0	57.0
105	43.6	21.6	61.6

198 100

51 39.9 17.0 57.0

105 43.6 21.6 61.6



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

300000

250000

200000

150000

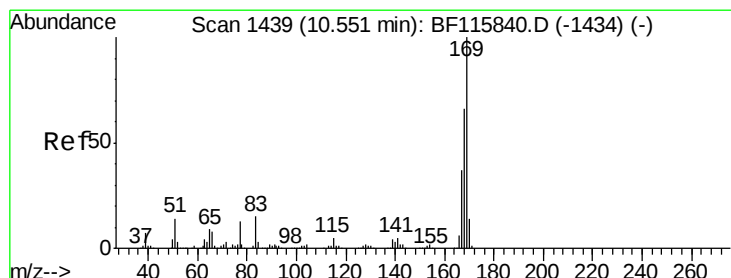
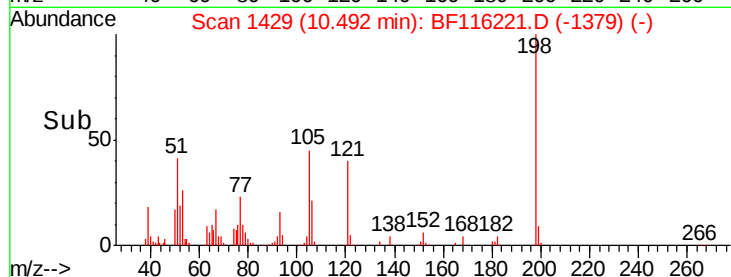
100000

50000

0

10.40 10.50 10.60 10.70

Time-->



#66

n-Nitrosodiphenylamine

Concen: 44.702 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

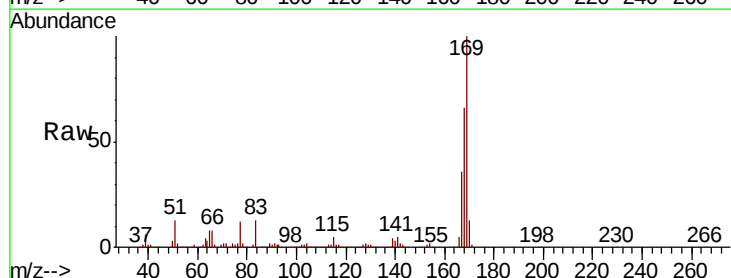
Tgt Ion:169 Resp: 617381

Ion	Ratio	Lower	Upper
169	100		
168	65.8	53.8	80.6
167	36.4	29.6	44.4

169 100

168 65.8 53.8 80.6

167 36.4 29.6 44.4



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

800000

600000

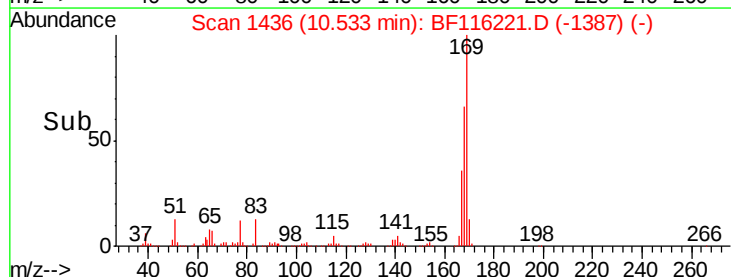
400000

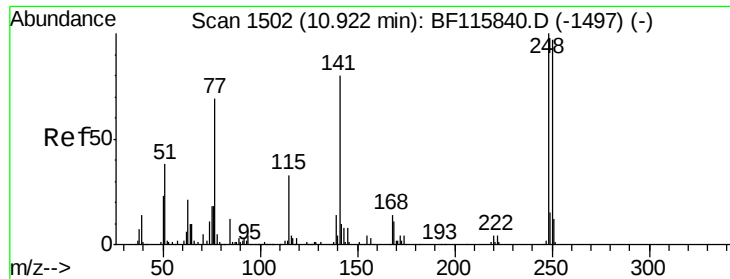
200000

0

10.40 10.50 10.60

Time-->

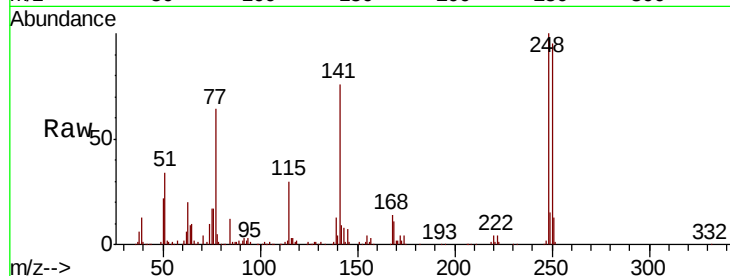




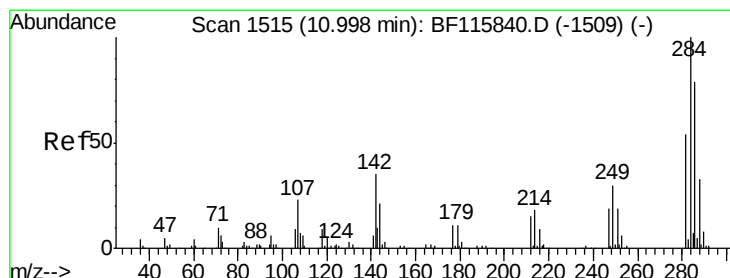
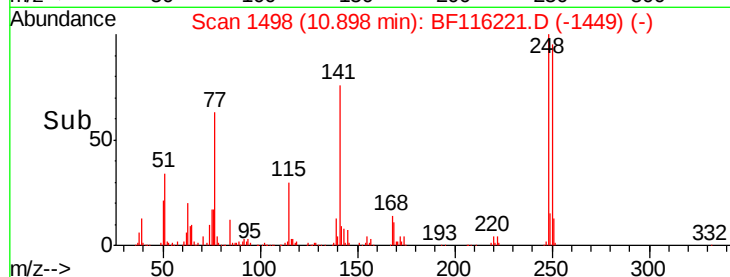
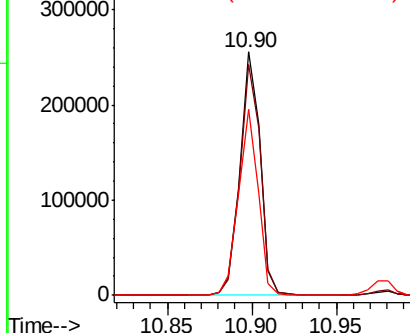
#67
4-Bromophenyl-phenylether
Concen: 42.945 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF116221.D
Acq: 13 Aug 2019 10:25

Instrument :
BNA_F
ClientSampleId :
PB122176BS

Tot Ion:248 Resp: 210947
Ion Ratio Lower Upper
248 100
250 94.7 77.4 116.2
141 76.3 56.8 85.2

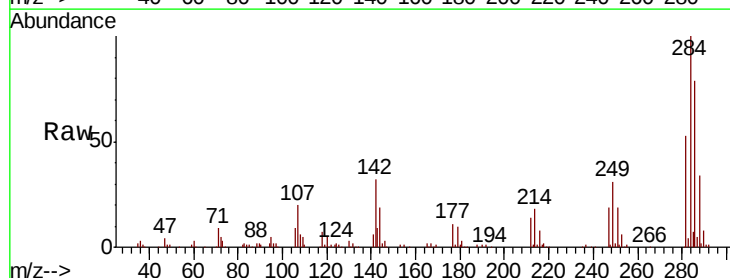


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

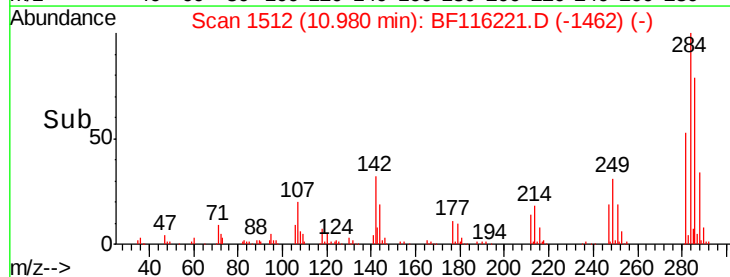
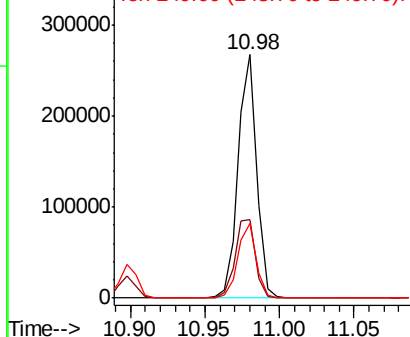


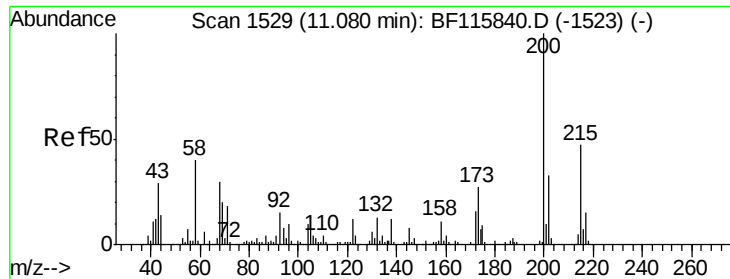
#68
Hexachlorobenzene
Concen: 41.206 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF116221.D
Acq: 13 Aug 2019 10:25

Tgt Ion:284 Resp: 234050
Ion Ratio Lower Upper
284 100
142 32.4 28.4 42.6
249 30.5 24.5 36.7



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





#69

Atrazine

Concen: 41.792 ng

RT: 11.06 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

Instrument :

BNA_F

ClientSampled :

PB122176BS

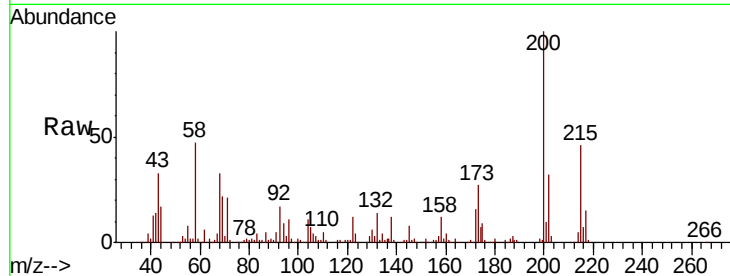
Tot Ion:200 Resp: 189884

Ion Ratio Lower Upper

200 100

173 27.3 6.8 46.8

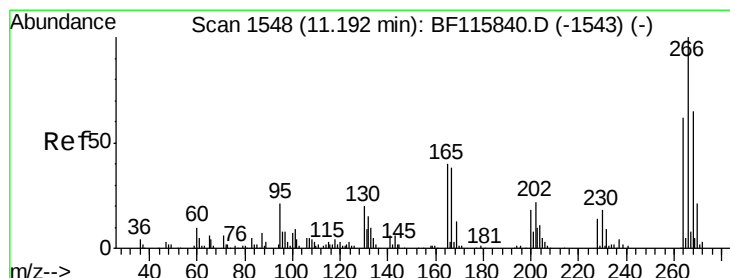
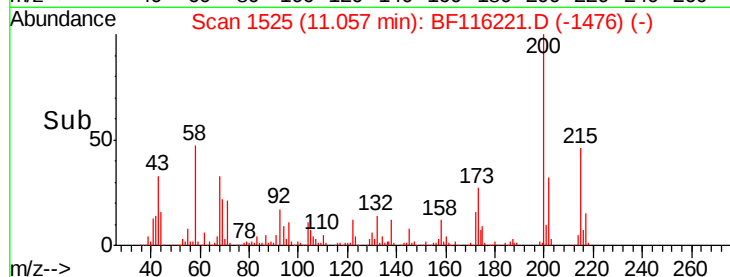
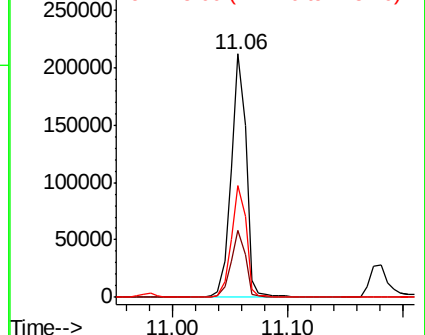
215 45.9 27.5 67.5



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: 79.502 ng

RT: 11.18 min Scan# 1546

Delta R.T. -0.00 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

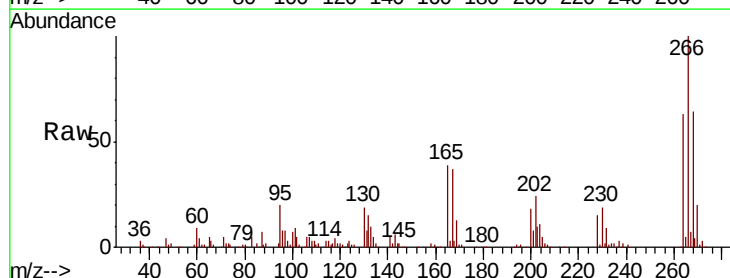
Tgt Ion:266 Resp: 219233

Ion Ratio Lower Upper

266 100

268 63.9 48.8 73.2

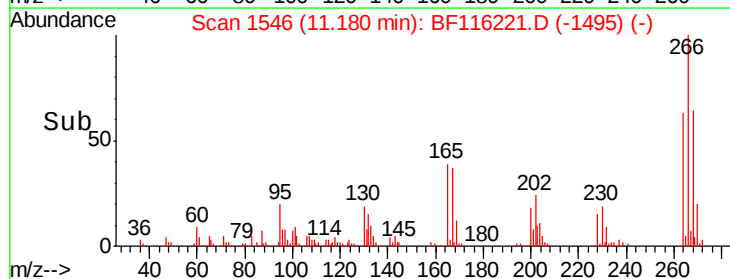
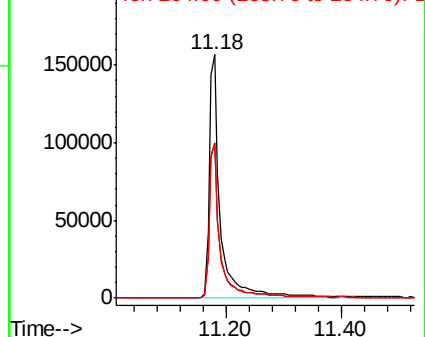
264 63.2 50.6 76.0

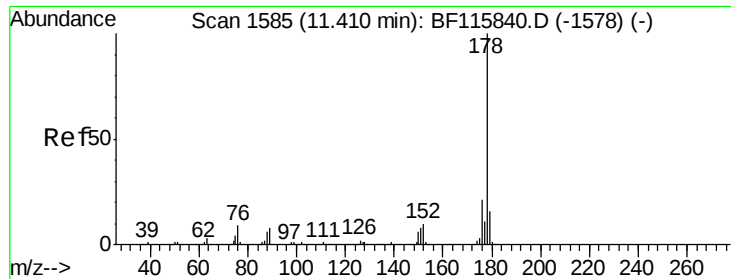


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

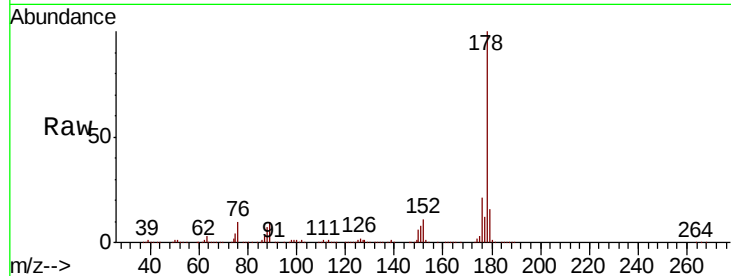




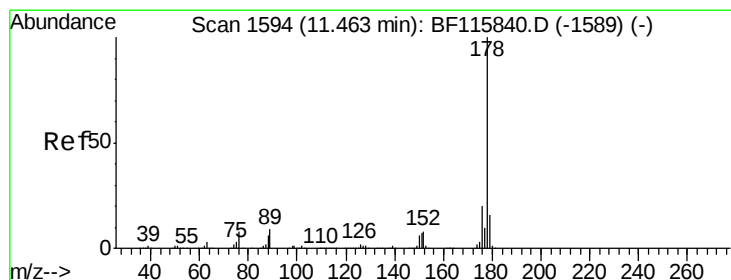
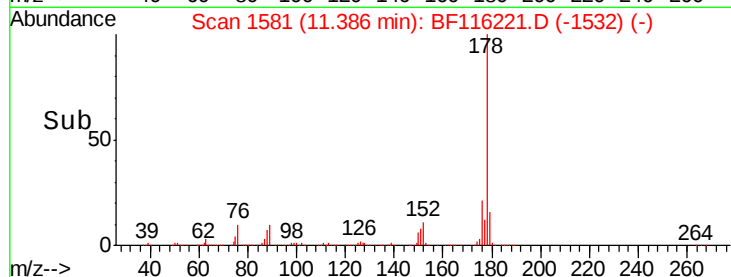
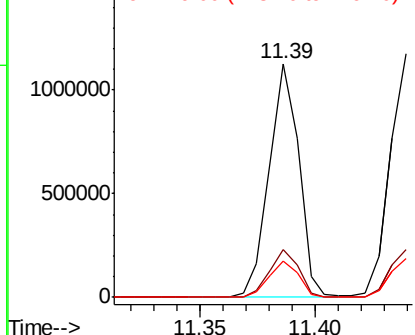
#71
Phenanthrene
Concen: 43.174 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116221.D
Acq: 13 Aug 2019 10:25

Instrument :
BNA_F
ClientSampleId :
PB122176BS

Tot Ion:178 Resp: 1012753
Ion Ratio Lower Upper
178 100
176 20.6 16.6 24.8
179 15.7 12.5 18.7

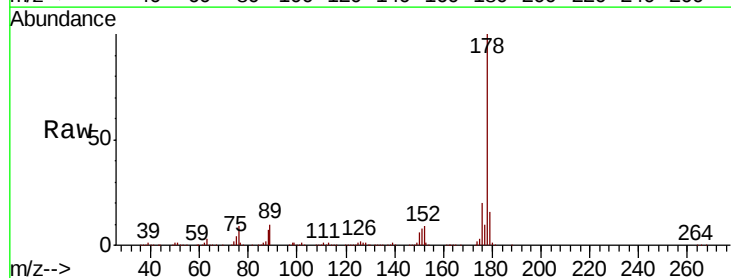


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

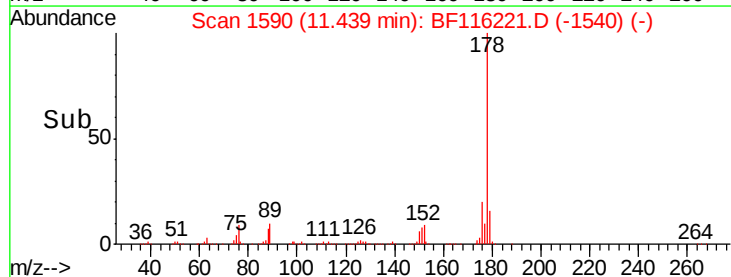
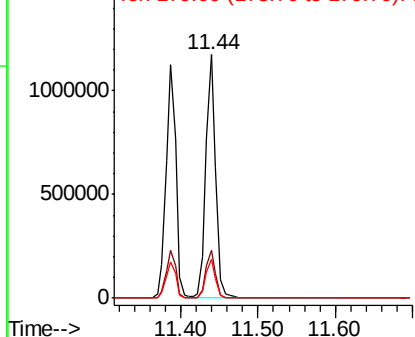


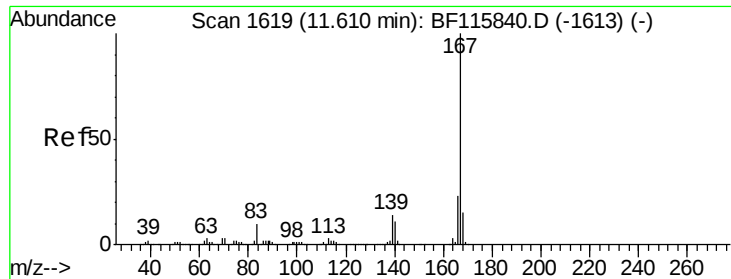
#72
Anthracene
Concen: 43.968 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF116221.D
Acq: 13 Aug 2019 10:25

Tgt Ion:178 Resp: 1043790
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 15.9 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 44.151 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

Instrument :

BNA_F

ClientSampleId :

PB122176BS

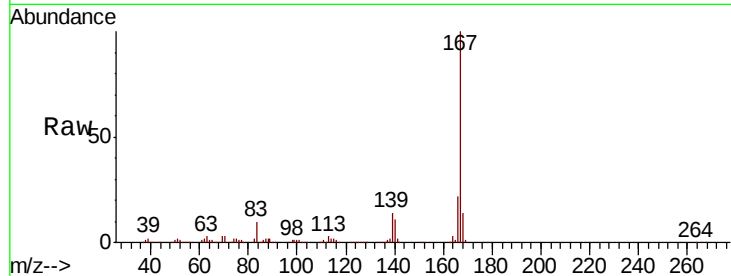
Tot Ion:167 Resp: 950929

Ion Ratio Lower Upper

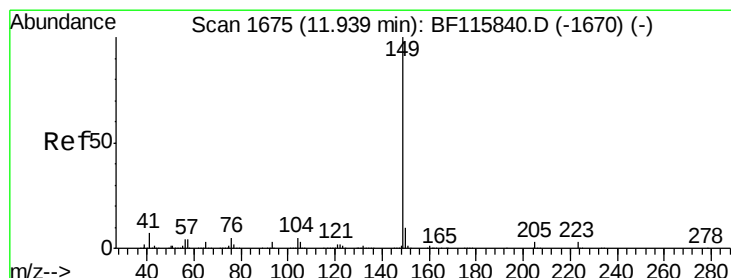
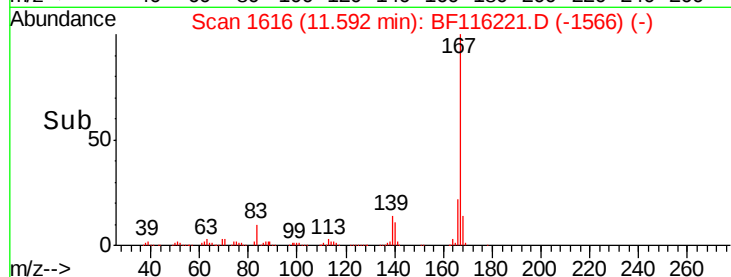
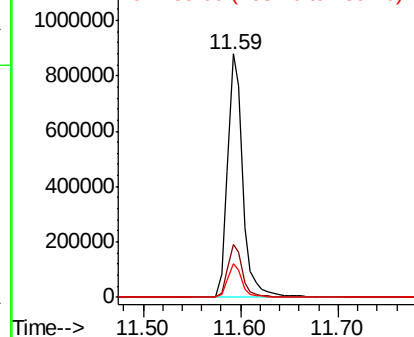
167 100

166 21.6 17.8 26.6

139 13.8 11.4 17.0



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: 46.627 ng

RT: 11.92 min Scan# 1671

Delta R.T. -0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

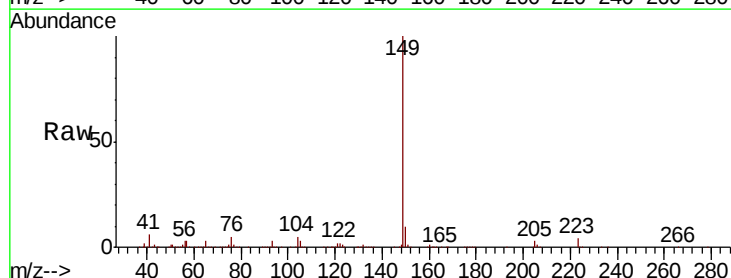
Tgt Ion:149 Resp: 1171505

Ion Ratio Lower Upper

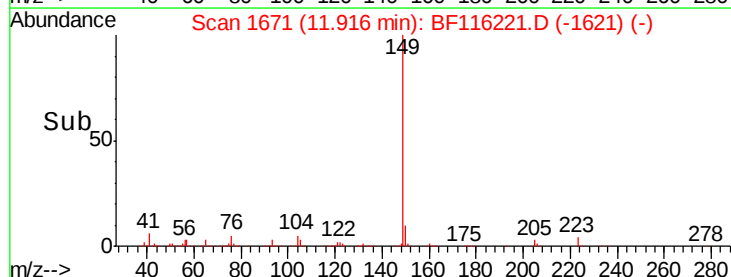
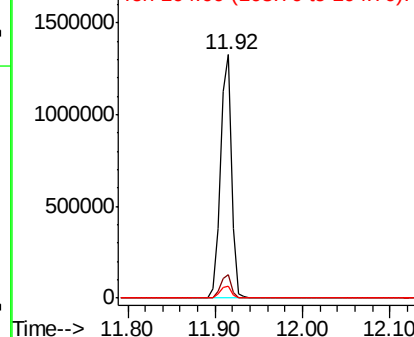
149 100

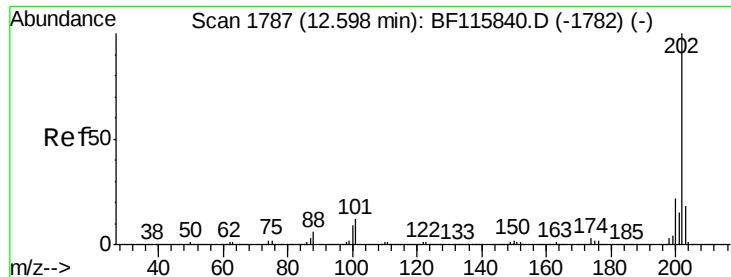
150 9.6 8.0 12.0

104 5.1 4.5 6.7



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: 43.754 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

Instrument :

BNA_F

ClientSampled :

PB122176BS

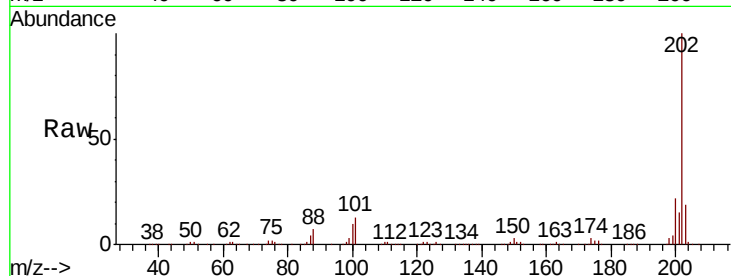
Tot Ion:202 Resp: 1074491

Ion Ratio Lower Upper

202 100

101 13.4 0.0 31.2

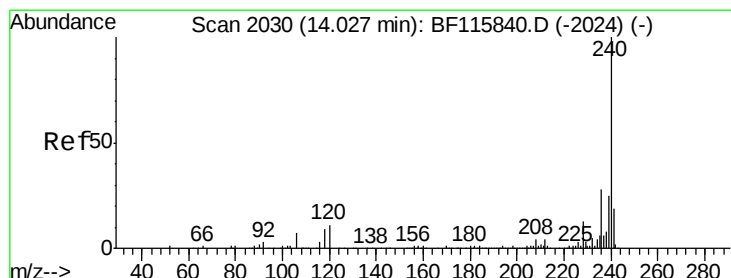
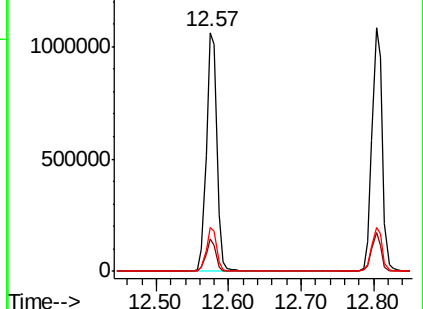
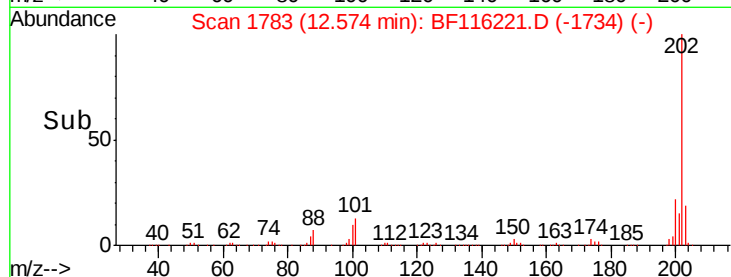
203 18.6 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

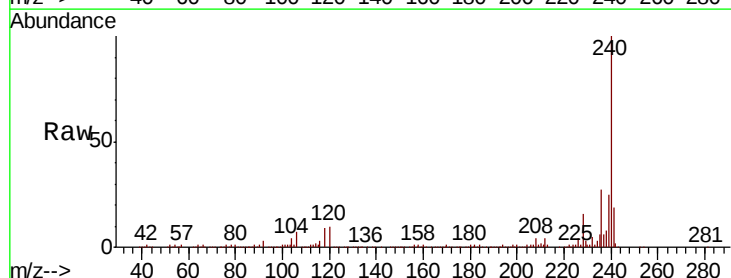
Tgt Ion:240 Resp: 322157

Ion Ratio Lower Upper

240 100

120 10.0 10.7 16.1#

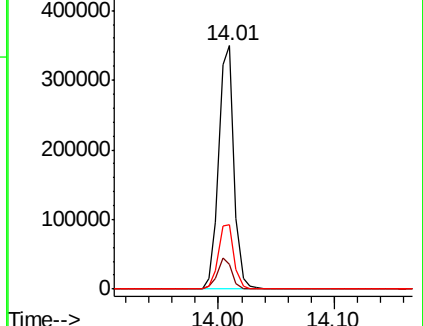
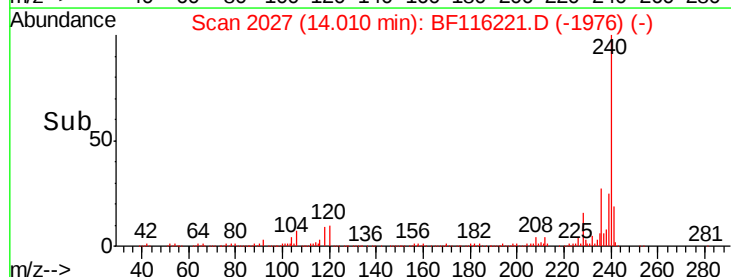
236 26.7 22.2 33.2



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: 32.537 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

Instrument :

BNA_F

ClientSampleId :

PB122176BS

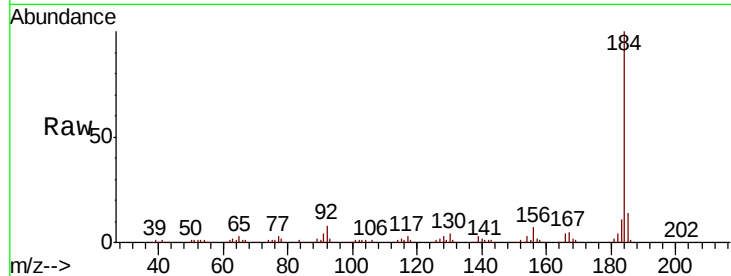
Tot Ion:184 Resp: 354131

Ion Ratio Lower Upper

184 100

185 14.0 12.8 19.2

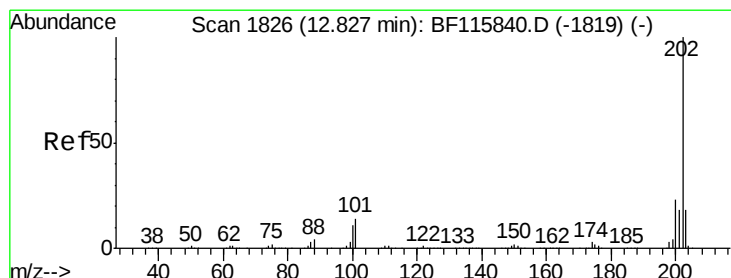
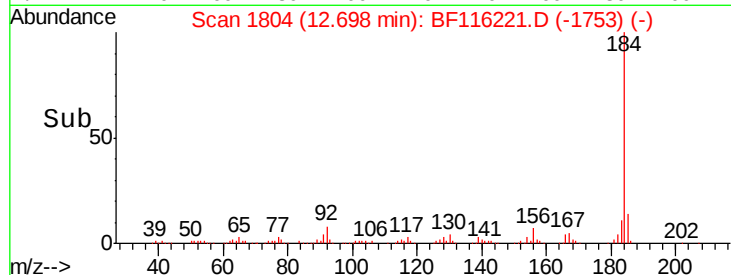
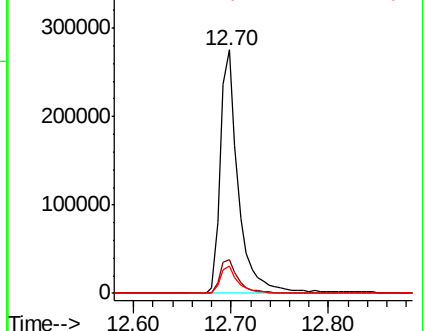
183 11.3 9.4 14.0



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: 44.485 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

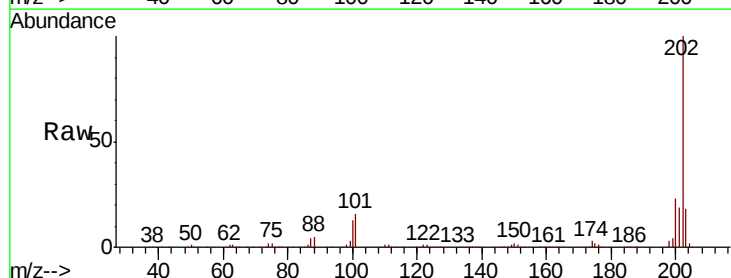
Tgt Ion:202 Resp: 1080292

Ion Ratio Lower Upper

202 100

200 22.6 18.0 27.0

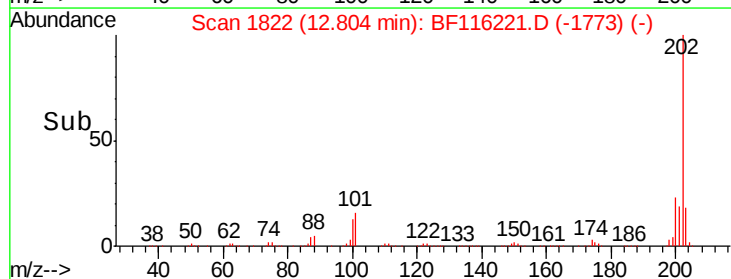
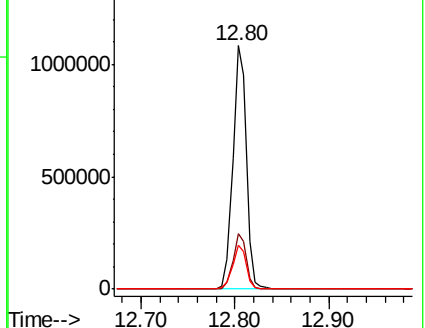
203 18.3 14.1 21.1



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: 86.019 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

Instrument :

BNA_F

ClientSampleId :

PB122176BS

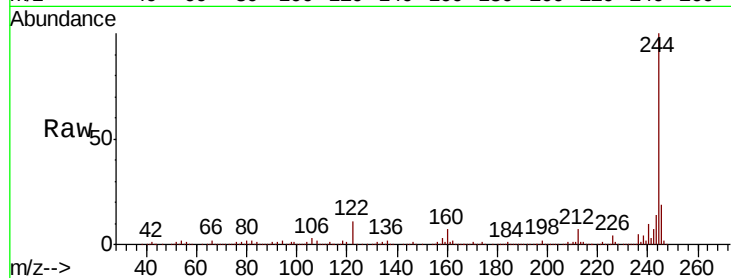
Tot Ion:244 Resp: 1315121

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

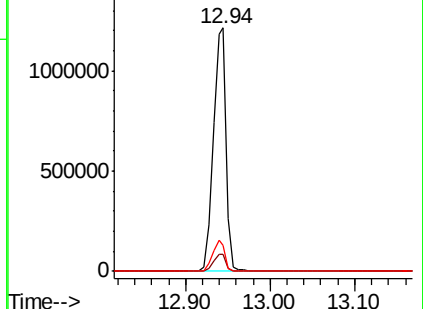
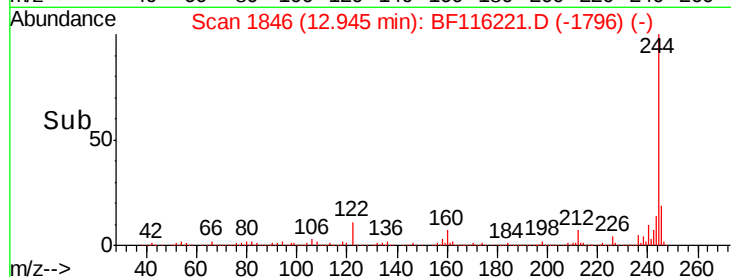
122 10.6 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.242 ng

RT: 13.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

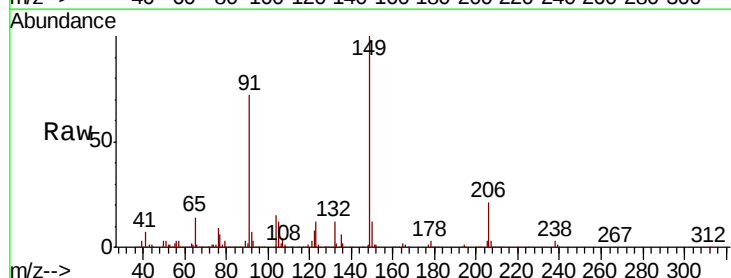
Tgt Ion:149 Resp: 495567

Ion Ratio Lower Upper

149 100

91 72.3 56.3 84.5

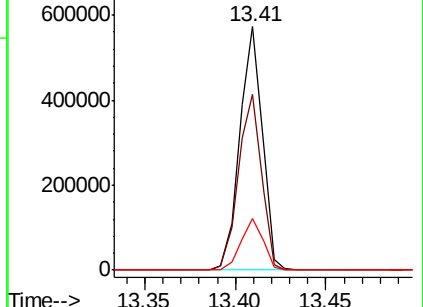
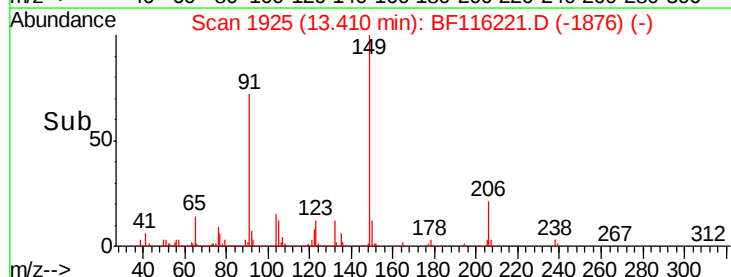
206 21.0 18.0 27.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.407 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

Instrument :

BNA_F

ClientSampleId :

PB122176BS

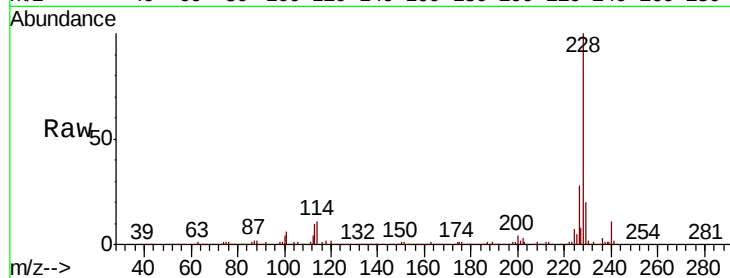
Tot Ion:228 Resp: 893790

Ion Ratio Lower Upper

228 100

226 27.8 22.7 34.1

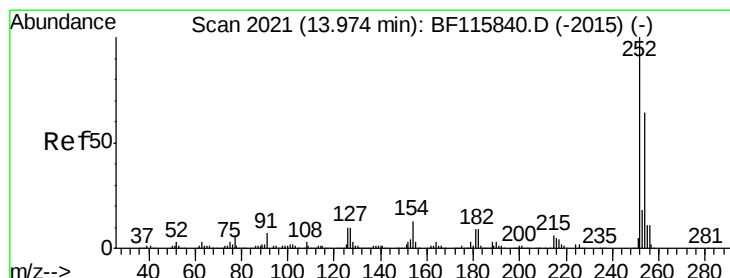
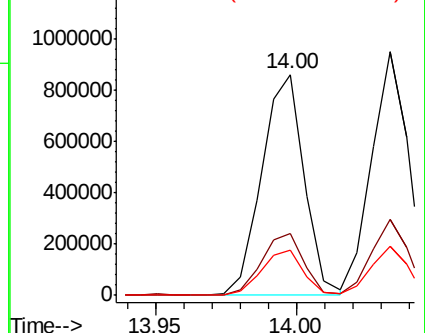
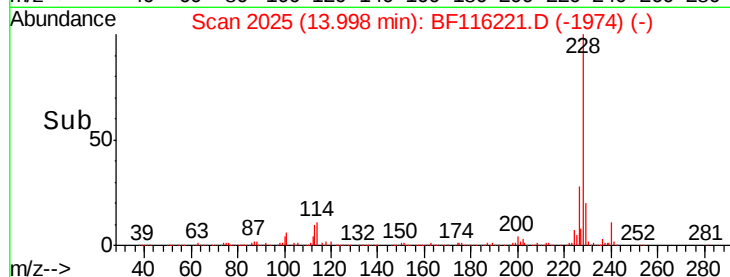
229 20.2 16.2 24.4



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: 40.291 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

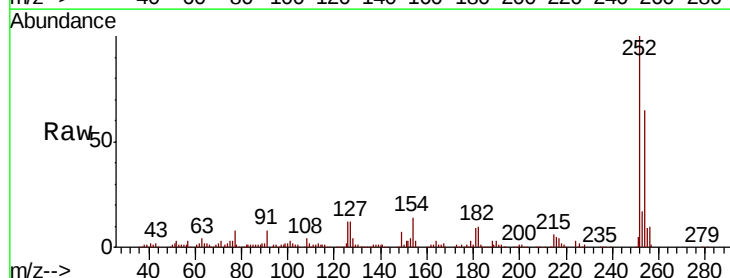
Tgt Ion:252 Resp: 288230

Ion Ratio Lower Upper

252 100

254 64.5 50.9 76.3

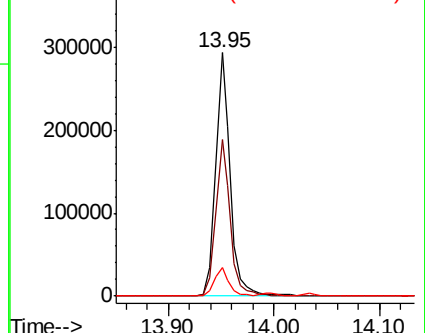
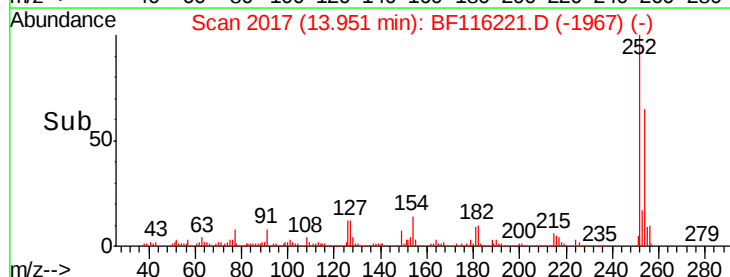
126 11.9 9.8 14.8



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

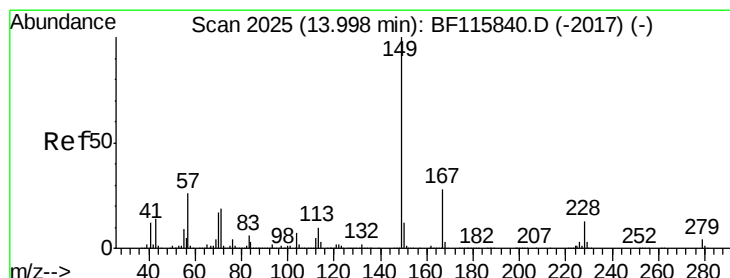
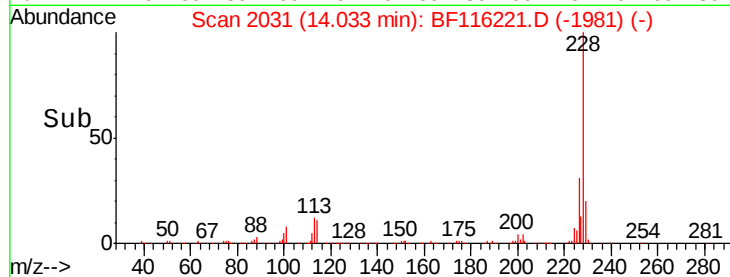
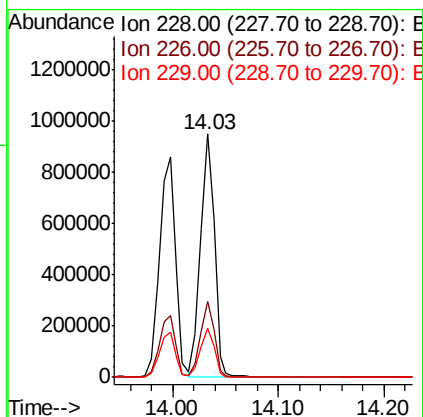
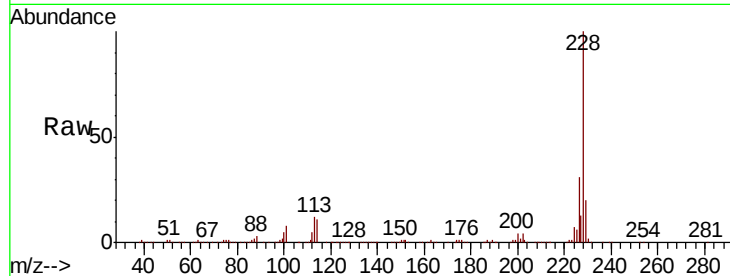




#83
 Chrysene
 Concen: 43.062 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF116221.D
 Acq: 13 Aug 2019 10:25

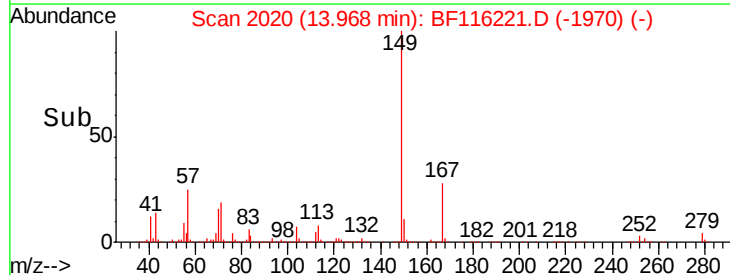
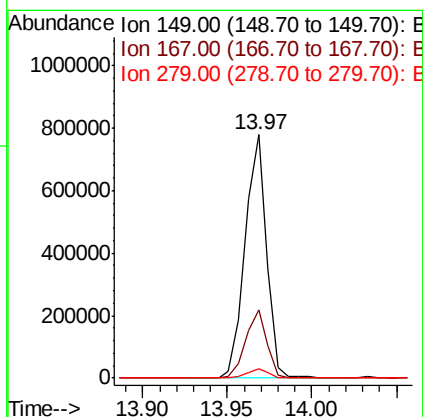
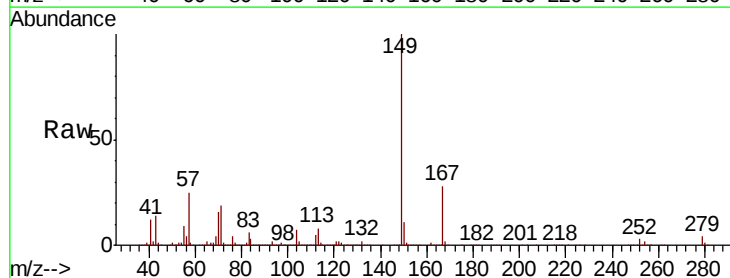
Instrument :
 BNA_F
 ClientSampleId :
 PB122176BS

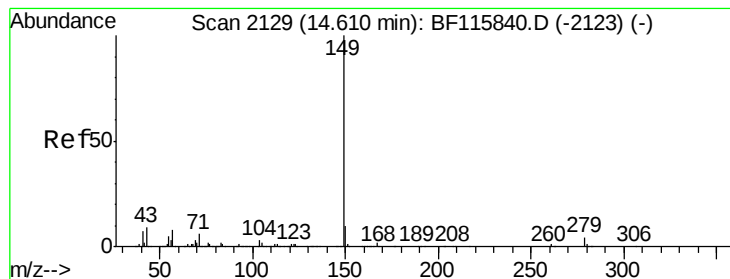
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.5	38.3
229	20.4	16.6	24.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.931 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116221.D
 Acq: 13 Aug 2019 10:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.6	32.4
279	4.0	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 52.468 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

Instrument :

BNA_F

ClientSampleId :

PB122176BS

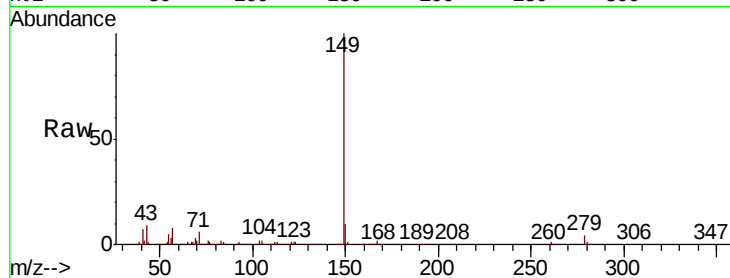
Tot Ion:149 Resp: 1112483

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

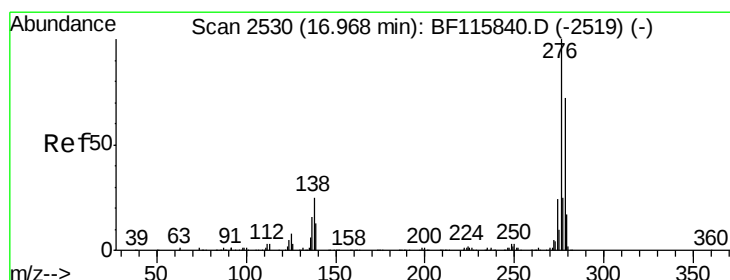
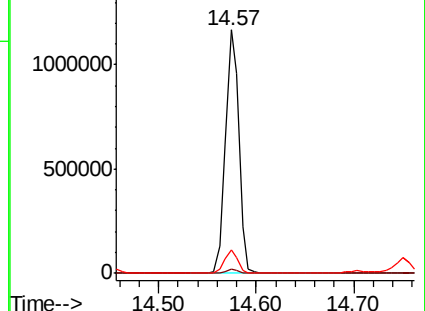
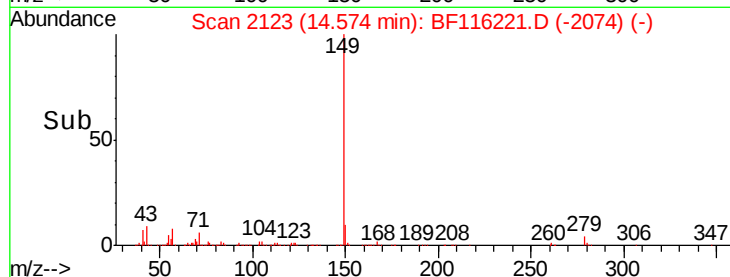
43 9.0 7.5 11.3



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: 46.069 ng

RT: 16.96 min Scan# 2529

Delta R.T. 0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

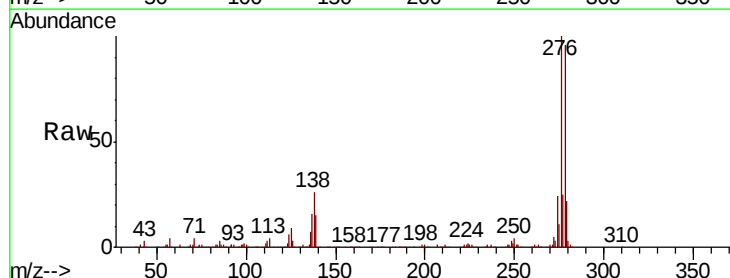
Tgt Ion:276 Resp: 773506

Ion Ratio Lower Upper

276 100

138 26.3 20.4 30.6

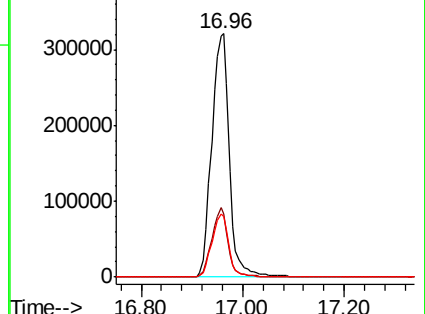
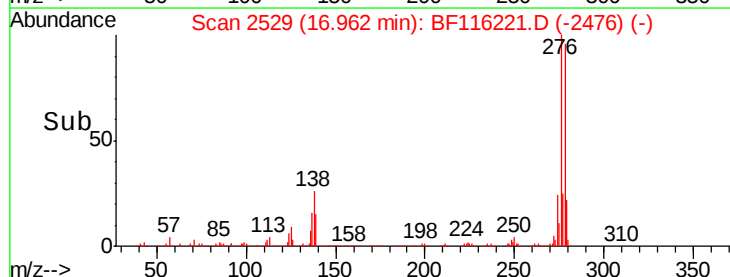
277 25.1 20.0 30.0

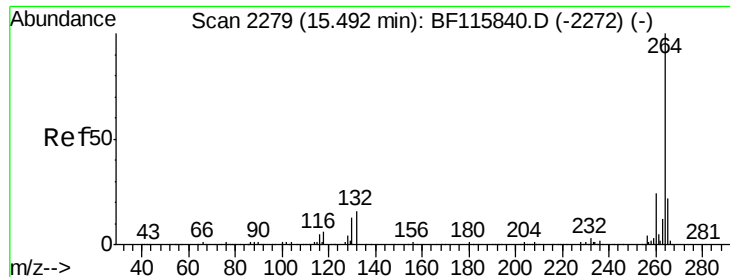


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

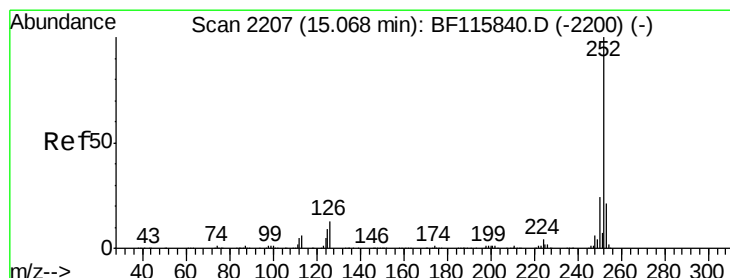
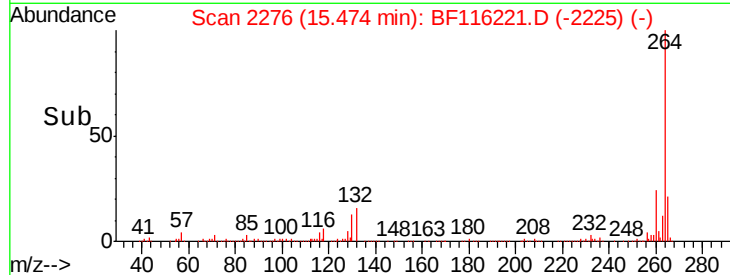
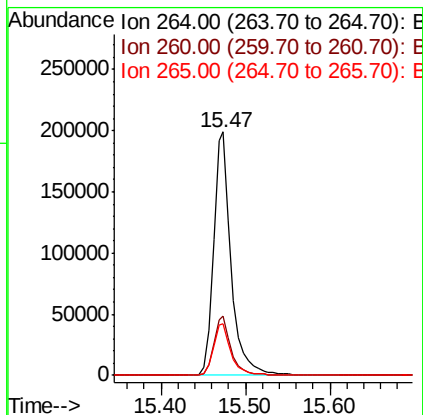
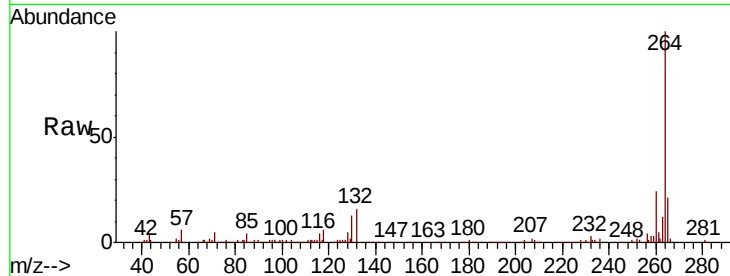




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BF116221.D
Acq: 13 Aug 2019 10:25

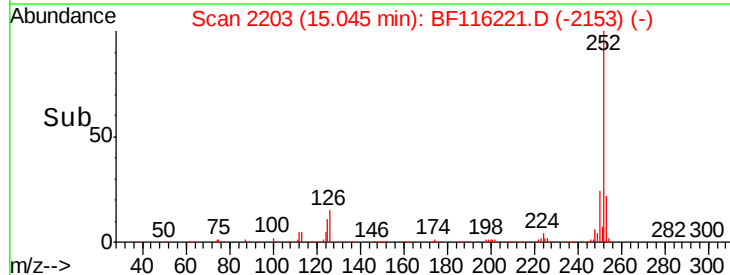
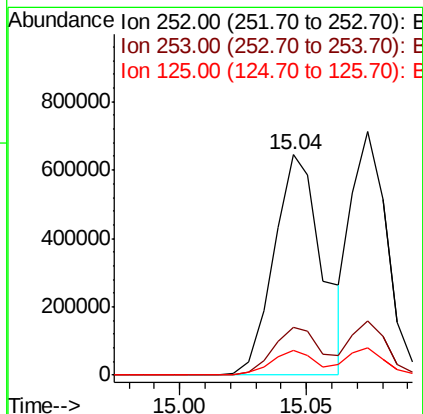
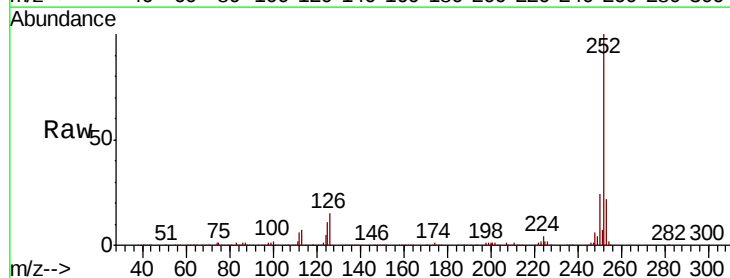
Instrument :
BNA_F
ClientSampleId :
PB122176BS

Tot Ion:264 Resp: 291637
Ion Ratio Lower Upper
264 100
260 24.2 19.7 29.5
265 21.4 17.4 26.0



#88
Benzo(b)fluoranthene
Concen: 50.912 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF116221.D
Acq: 13 Aug 2019 10:25

Tgt Ion:252 Resp: 858513
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 11.1 8.4 12.6

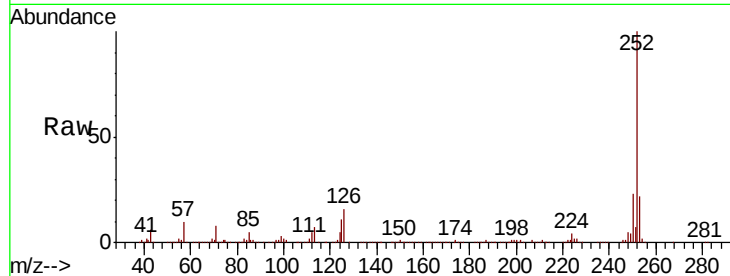




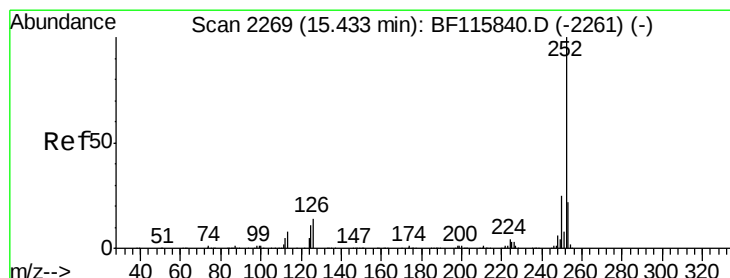
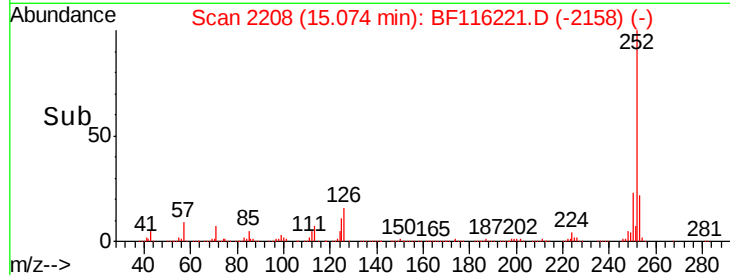
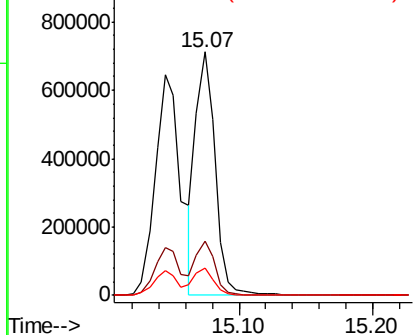
#89
Benzo(k)fluoranthene
Concen: 43.027 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF116221.D
Acq: 13 Aug 2019 10:25

Instrument :
BNA_F
ClientSampleId :
PB122176BS

Tot Ion:252 Resp: 706707
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 11.0 7.7 11.5

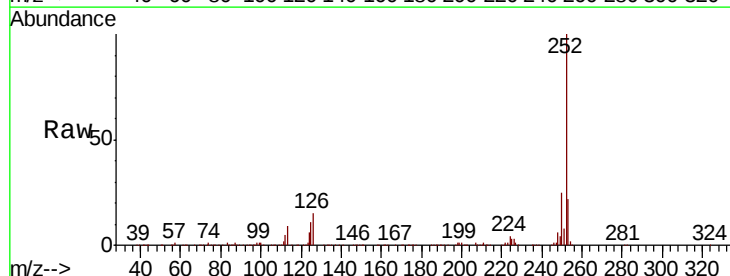


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

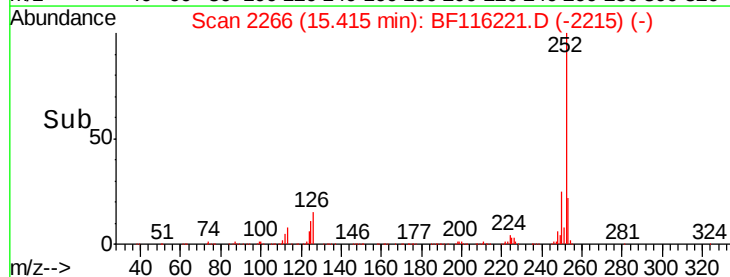
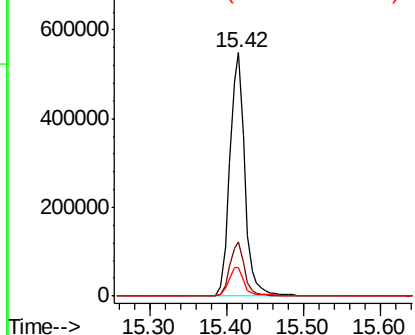


#90
Benzo(a)pyrene
Concen: 49.613 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BF116221.D
Acq: 13 Aug 2019 10:25

Tgt Ion:252 Resp: 747866
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 11.5 8.9 13.3



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





#91

Dibenzo(a,h)anthracene

Concen: 49.834 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.00 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

Instrument :

BNA_F

ClientSampleId :

PB122176BS

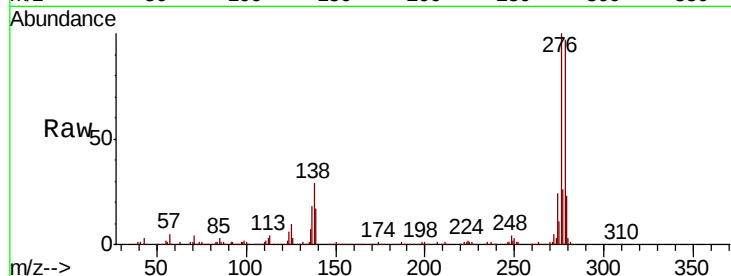
Tot Ion:278 Resp: 650241

Ion Ratio Lower Upper

278 100

139 17.8 12.8 19.2

279 23.5 18.8 28.2

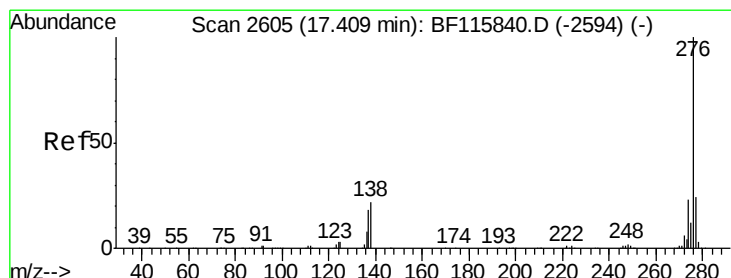
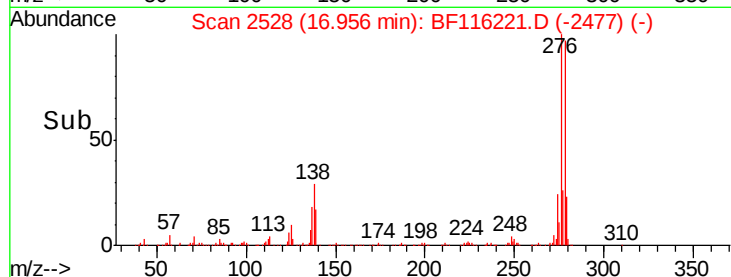
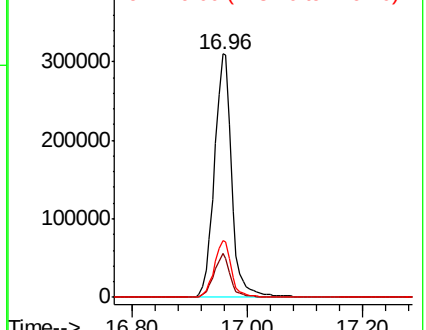


Abundance

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: 50.450 ng

RT: 17.40 min Scan# 2603

Delta R.T. 0.01 min

Lab File: BF116221.D

Acq: 13 Aug 2019 10:25

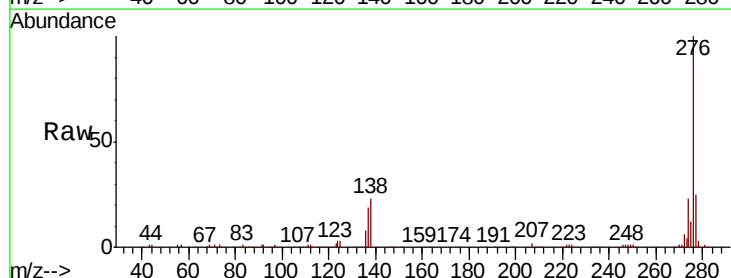
Tgt Ion:276 Resp: 646500

Ion Ratio Lower Upper

276 100

277 24.9 18.4 27.6

138 22.7 17.0 25.6



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

