

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121019\
 Data File : BF118161.D
 Acq On : 10 Dec 2019 12:01
 Operator : JU
 Sample : PB125313BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 10 13:31:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	189488	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	819031	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	443235	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	801644	20.00	ng	0.00
76) Chrysene-d12	14.07	240	558329	20.00	ng	0.00
87) Perylene-d12	15.56	264	402035	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1438963	133.01	ng	0.03
7) Phenol-d6	6.52	99	1789812	136.78	ng	0.02
23) Nitrobenzene-d5	7.45	82	928804	63.80	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	642494	119.32	ng	0.01
45) 2-Fluorobiphenyl	9.24	172	1893156	64.99	ng	0.00
79) Terphenyl-d14	13.01	244	2132911	65.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	154475	33.863	ng	99
3) Pyridine	3.52	79	389966	33.134	ng	99
4) n-Nitrosodimethylamine	3.47	42	230395	45.505	ng	96
6) Aniline	6.55	93	597322	35.685	ng	99
8) 2-Chlorophenol	6.67	128	604810	49.578	ng	99
9) Benzaldehyde	6.42	77	185822	23.649	ng	97
10) Phenol	6.53	94	700304	46.927	ng	84
11) bis(2-Chloroethyl)ether	6.62	93	507132	46.986	ng	96
12) 1,3-Dichlorobenzene	6.82	146	589114	41.339	ng	98
13) 1,4-Dichlorobenzene	6.89	146	603204	42.035	ng	99
14) 1,2-Dichlorobenzene	7.05	146	579377	42.993	ng	97
15) Benzyl Alcohol	7.02	79	505751	49.512	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	574645	44.281	ng	97
17) 2-Methylphenol	7.13	107	490020	50.504	ng	97
18) Hexachloroethane	7.39	117	224319	42.424	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	388095	48.807	ng	99
20) 3+4-Methylphenols	7.29	107	602037	49.399	ng	# 82
22) Acetophenone	7.29	105	808634	41.096	ng	97
24) Nitrobenzene	7.46	77	593145	41.468	ng	100
25) Isophorone	7.70	82	1084160	43.929	ng	99
26) 2-Nitrophenol	7.78	139	340903	44.591	ng	99
27) 2,4-Dimethylphenol	7.82	122	546824	53.622	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	658436	40.829	ng	100
29) 2,4-Dichlorophenol	8.02	162	516043	43.408	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	553419	39.834	ng	99
31) Naphthalene	8.19	128	1713417	41.655	ng	100
32) Benzoic acid	7.97	122	404804	43.964	ng	98
33) 4-Chloroaniline	8.23	127	468123	26.357	ng	98
34) Hexachlorobutadiene	8.30	225	318247	38.200	ng	99
35) Caprolactam	8.63	113	83359	22.737	ng	93
36) 4-Chloro-3-methylphenol	8.73	107	550628	44.013	ng	94
37) 2-Methylnaphthalene	8.88	142	1198596	43.041	ng	99
38) 1-Methylnaphthalene	8.98	142	1124286	42.998	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	526500	39.211	ng	98

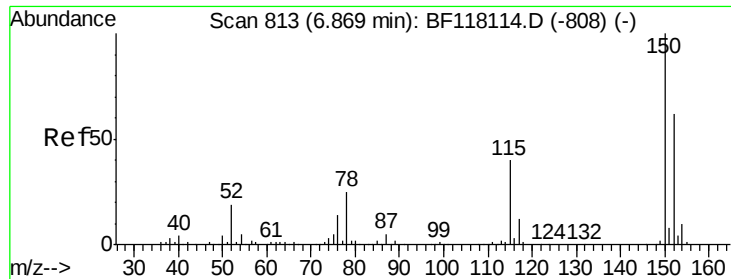
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121019\
 Data File : BF118161.D
 Acq On : 10 Dec 2019 12:01
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 ALS Vial : 3 Sample Multiplier: 1

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	543803	90.392	ng	96
43) 2,4,6-Trichlorophenol	9.16	196	378918	42.266	ng	99
44) 2,4,5-Trichlorophenol	9.21	196	391014	42.098	ng	96
46) 1,1'-Biphenyl	9.35	154	1412925	40.418	ng	99
47) 2-Chloronaphthalene	9.37	162	1101680	39.178	ng	95
48) 2-Nitroaniline	9.47	65	318973	39.777	ng	98
49) Acenaphthylene	9.79	152	1734638	41.824	ng	99
50) Dimethylphthalate	9.65	163	1334952	40.775	ng	99
51) 2,6-Dinitrotoluene	9.72	165	299031	42.005	ng	95
52) Acenaphthene	9.96	154	1012430	39.993	ng	99
53) 3-Nitroaniline	9.89	138	248020	29.604	ng	97
54) 2,4-Dinitrophenol	10.00	184	307140	86.719	ng	98
55) Dibenzofuran	10.13	168	1517116	40.900	ng	99
56) 4-Nitrophenol	10.06	139	469369	80.728	ng	96
57) 2,4-Dinitrotoluene	10.12	165	400997	42.202	ng	92
58) Fluorene	10.48	166	1206189	40.918	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.26	232	335985	43.846	ng	100
60) Diethylphthalate	10.35	149	1316742	40.821	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	593140	39.990	ng	99
62) 4-Nitroaniline	10.51	138	313817	35.915	ng	99
63) Azobenzene	10.63	77	1135581	41.239	ng	97
65) 4,6-Dinitro-2-methylphenol	10.54	198	208474	47.090	ng	94
66) n-Nitrosodiphenylamine	10.59	169	1083454	43.279	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	379099	41.427	ng	# 90
68) Hexachlorobenzene	11.03	284	443705	41.195	ng	99
69) Atrazine	11.12	200	347544	57.852	ng	98
70) Pentachlorophenol	11.23	266	473291	93.439	ng	98
71) Phenanthrene	11.44	178	1779441	41.757	ng	99
72) Anthracene	11.50	178	1807956	42.529	ng	98
73) Carbazole	11.65	167	1608133	42.162	ng	99
74) Di-n-butylphthalate	11.97	149	1997607	41.848	ng	99
75) Fluoranthene	12.64	202	1815315	41.665	ng	97
77) Benzidine	12.76	184	508115	34.570	ng	98
78) Pyrene	12.87	202	1823571	41.446	ng	99
80) Butylbenzylphthalate	13.48	149	843000	42.306	ng	99
81) Benzo(a)anthracene	14.06	228	1574436	40.781	ng	99
82) 3,3'-Dichlorobenzidine	14.02	252	490076	38.652	ng	97
83) Chrysene	14.10	228	1468638	39.824	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	1128544	42.951	ng	98
85) Di-n-octyl phthalate	14.66	149	1768950	44.444	ng	100
86) Indeno(1,2,3-cd)pyrene	17.09	276	1121127	36.131	ng	99
88) Benzo(b)fluoranthene	15.13	252	1237415	46.538	ng	99
89) Benzo(k)fluoranthene	15.16	252	1230813	48.185	ng	99
90) Benzo(a)pyrene	15.50	252	1057242	45.021	ng	99
91) Dibenzo(a,h)anthracene	17.10	278	930617	46.203	ng	99
92) Benzo(g,h,i)perylene	17.55	276	931946	48.150	ng	100

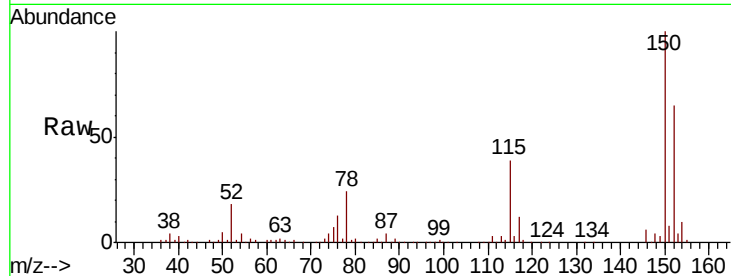
(#) = qualifier out of range (m) = manual integration (+) = signals summed



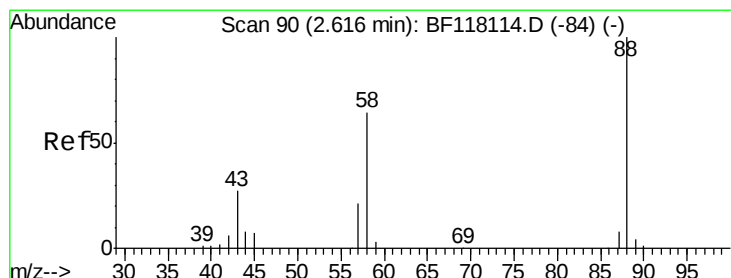
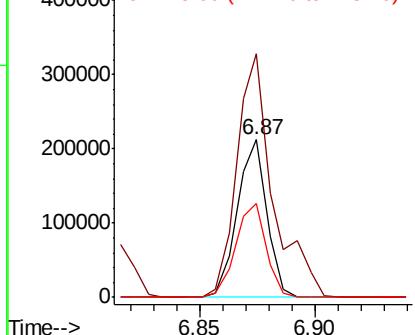
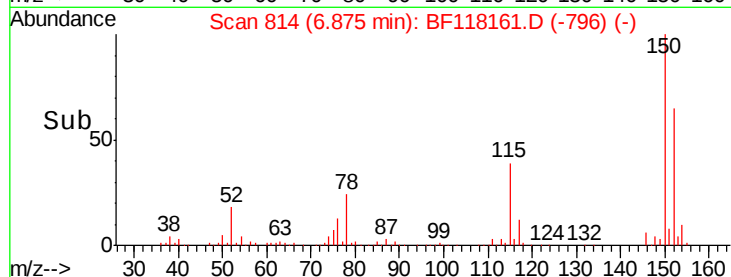
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF118161.D
 Acq: 10 Dec 2019 12:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 189488
 Ion Ratio Lower Upper
 152 100
 150 154.4 128.3 192.5
 115 59.8 51.1 76.7

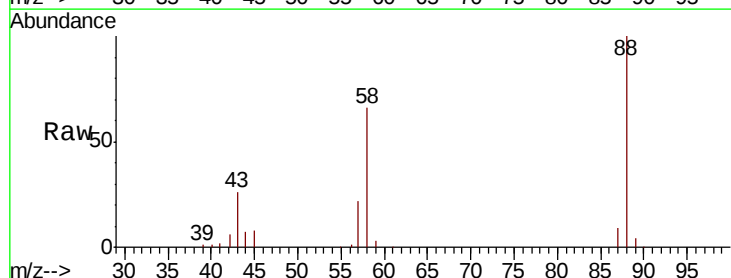


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

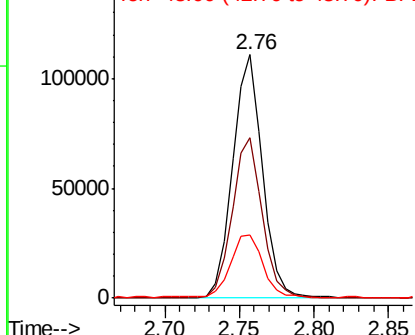
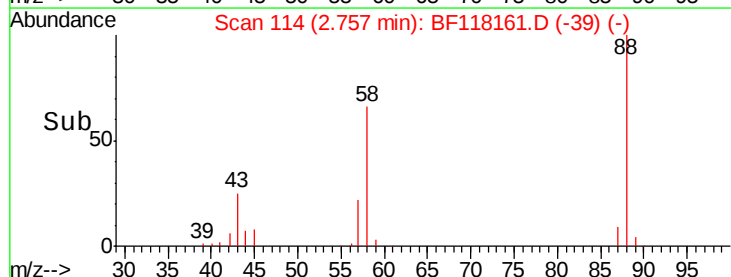


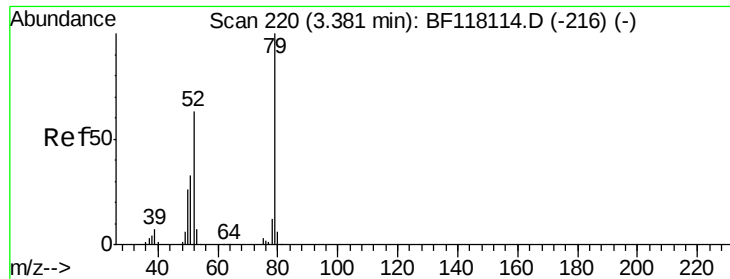
#2
 1,4-Dioxane
 Concen: 33.863 ng
 RT: 2.76 min Scan# 114
 Delta R.T. 0.14 min
 Lab File: BF118161.D
 Acq: 10 Dec 2019 12:01

Tgt Ion: 88 Resp: 154475
 Ion Ratio Lower Upper
 88 100
 58 66.2 52.2 78.4
 43 27.6 21.4 32.2



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





#3

Pvridine

Concen: 33.134 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.14 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

Instrument :

BNA_F

ClientSampleId :

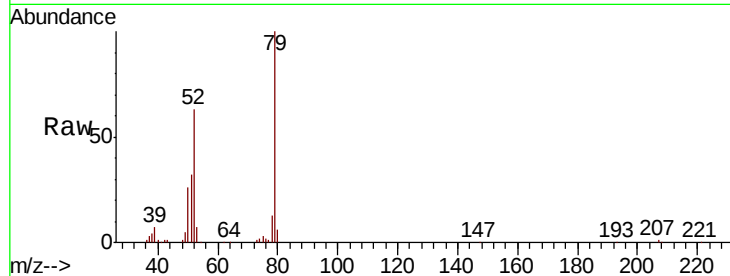
Tot Ion: 79 Resp: 389966

Ion Ratio Lower Upper

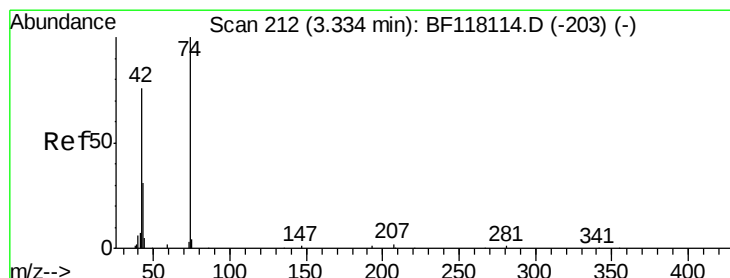
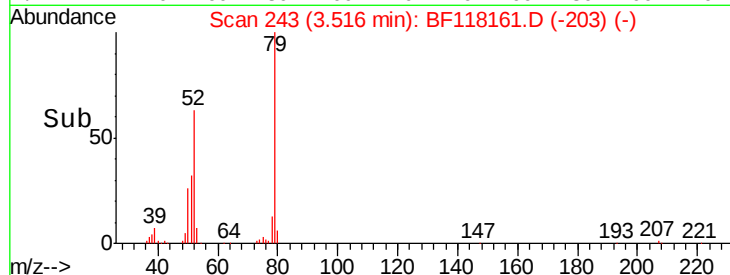
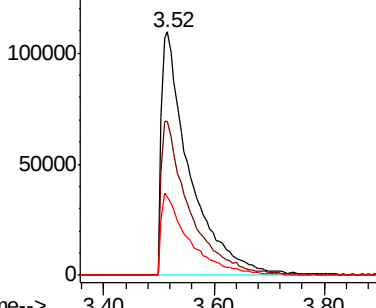
79 100

52 63.3 50.7 76.1

51 32.2 26.4 39.6



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



#4

n-Nitrosodimethylamine

Concen: 45.505 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.14 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

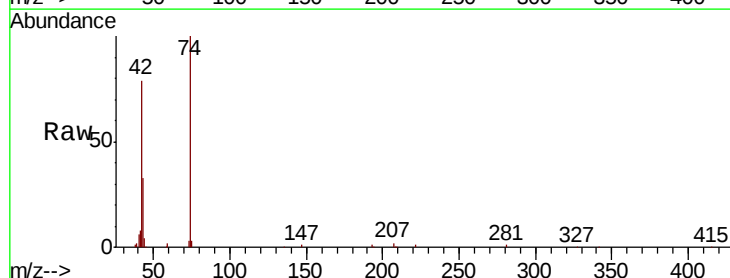
Tgt Ion: 42 Resp: 230395

Ion Ratio Lower Upper

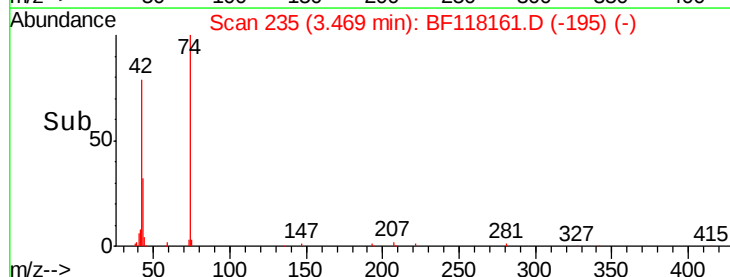
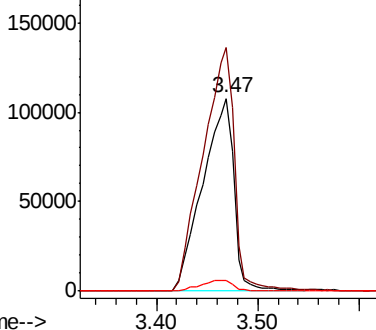
42 100

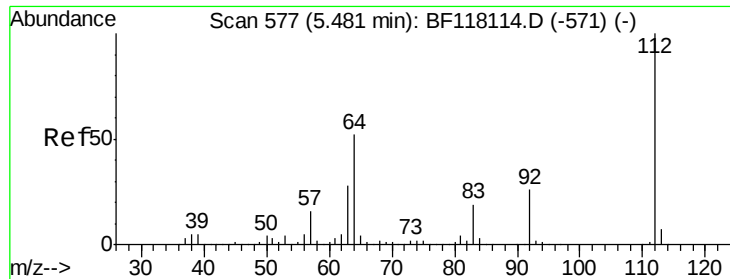
74 126.5 104.6 157.0

44 5.6 5.1 7.7



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: 133.005 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.03 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

Instrument :

BNA_F

ClientSampled :

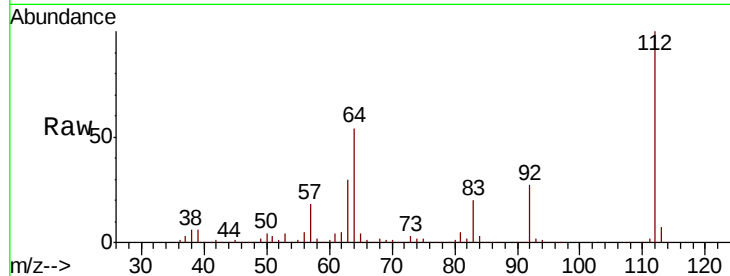
Tot Ion:112 Resp: 1438963

Ion Ratio Lower Upper

112 100

64 54.1 41.3 61.9

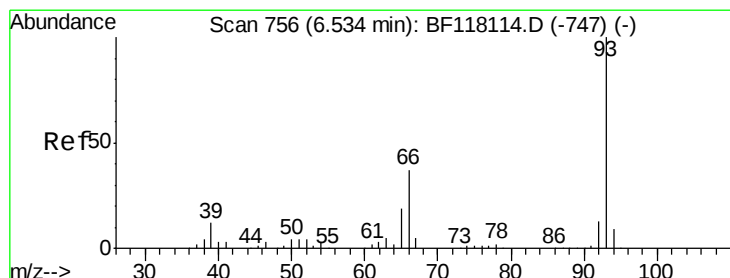
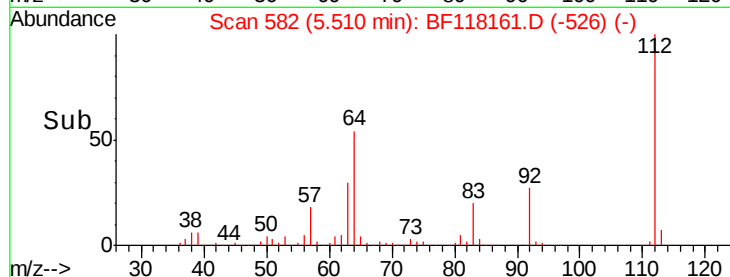
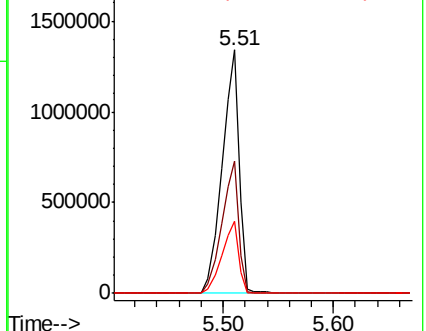
63 29.5 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 35.685 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

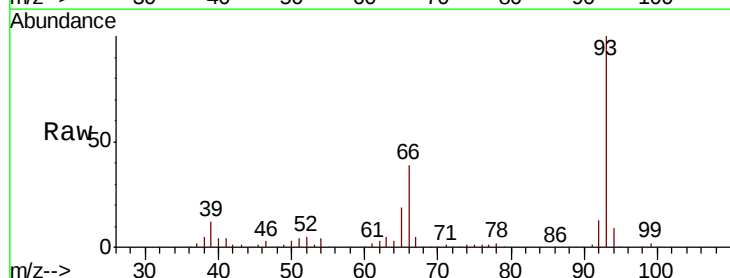
Tgt Ion: 93 Resp: 597322

Ion Ratio Lower Upper

93 100

66 38.6 30.2 45.2

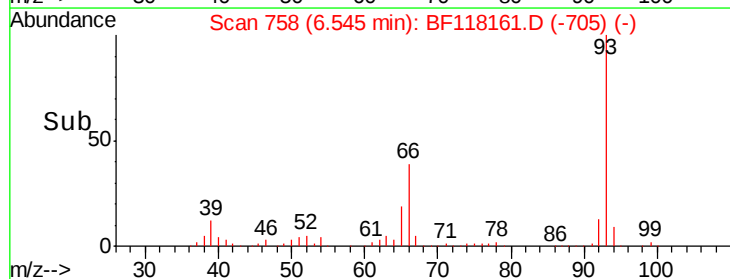
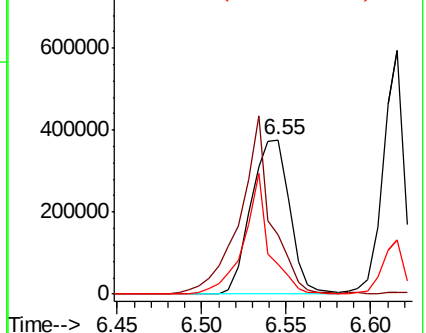
65 19.3 15.5 23.3

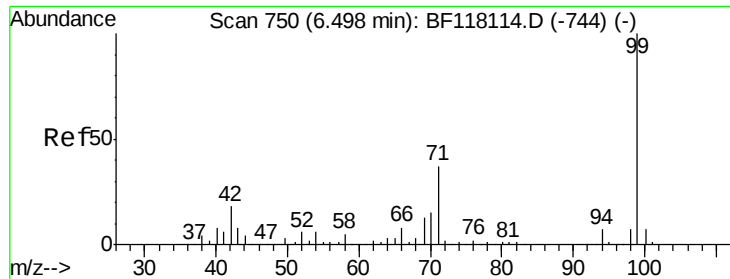


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 136.776 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.02 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

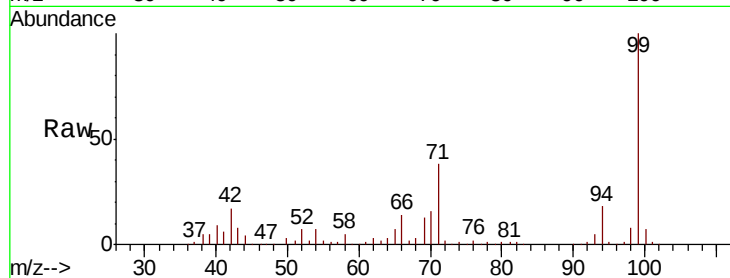
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1789812

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.1	21.1
71	37.6	29.7	44.5

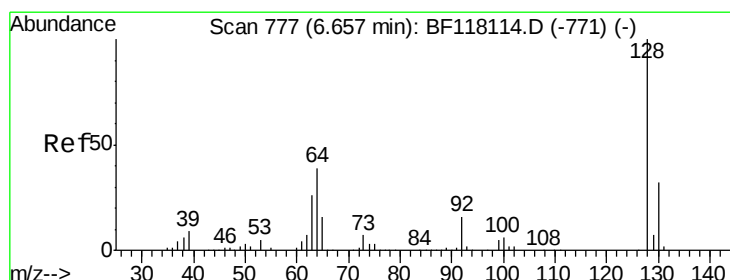
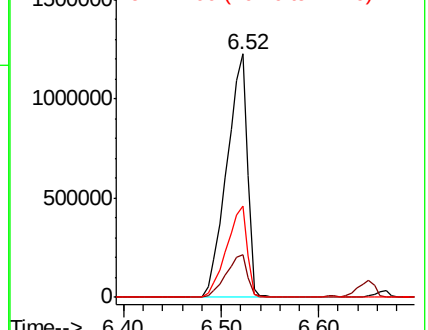
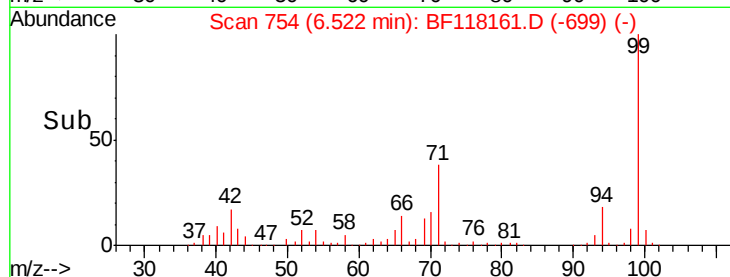


Abundance

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: 49.578 ng

RT: 6.67 min Scan# 779

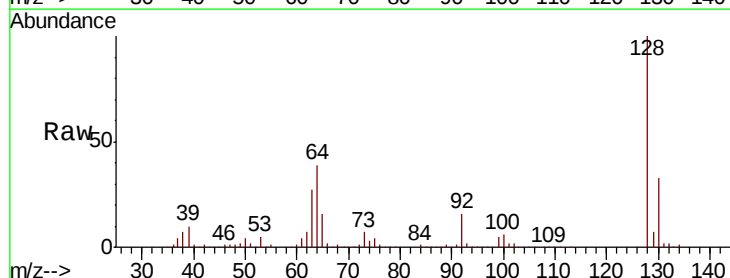
Delta R.T. 0.01 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

Tgt Ion:128 Resp: 604810

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.1	52.1
64	39.3	19.3	59.3

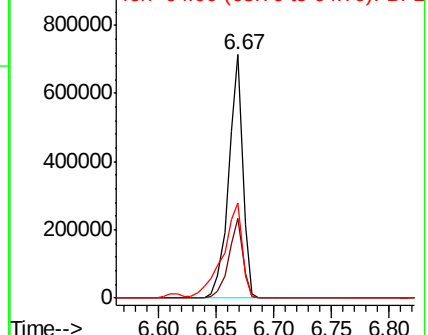
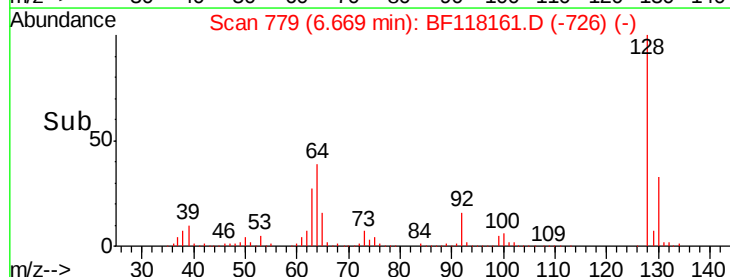


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

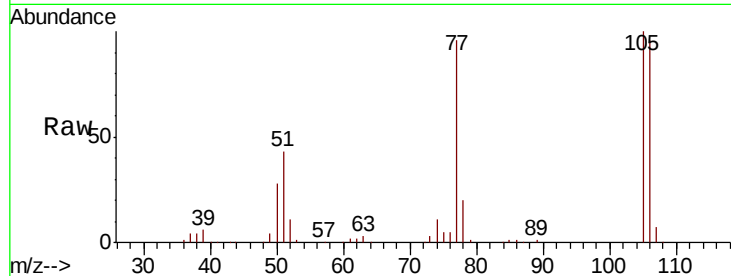




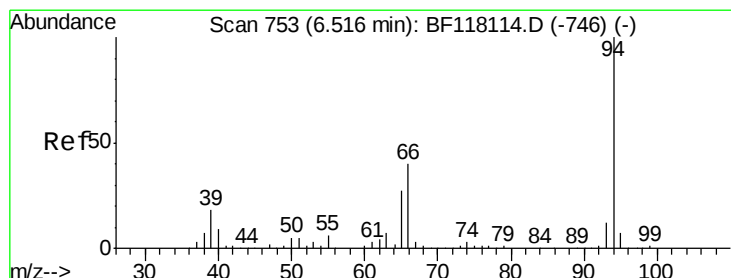
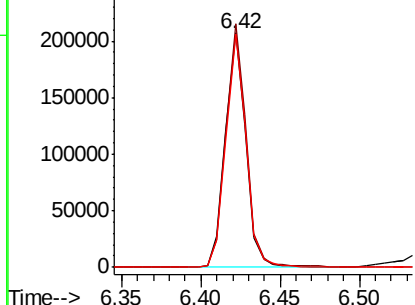
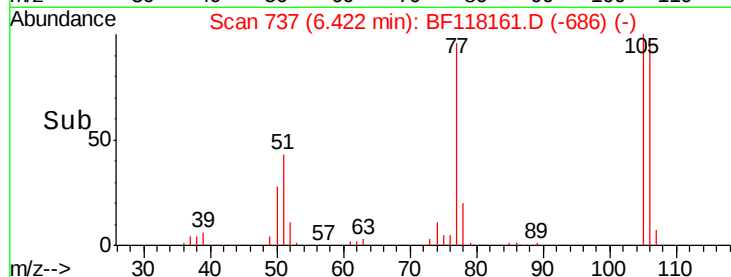
#9
Benzaldehyde
Concen: 23.649 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 185822
Ion Ratio Lower Upper
77 100
105 103.9 86.4 126.4
106 99.8 83.8 123.8

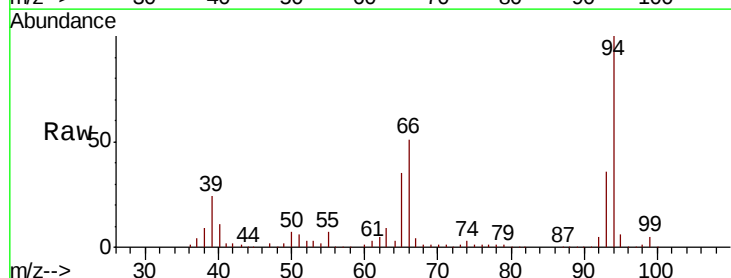


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

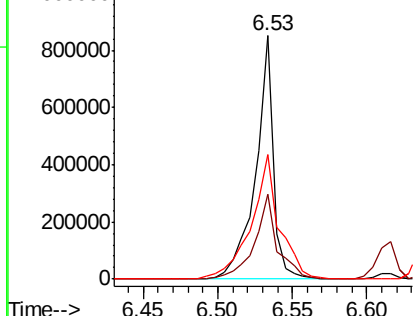
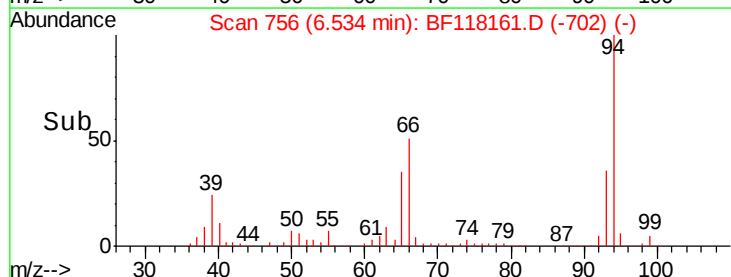


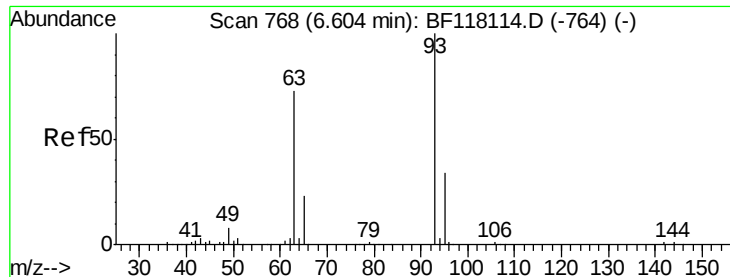
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Phenol
Concen: 46.927 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.02 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

Tgt Ion: 94 Resp: 700304
Ion Ratio Lower Upper
94 100
65 34.7 7.3 47.3
66 51.0 20.2 60.2



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: 46.986 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

Instrument :

BNA_F

ClientSampleId :

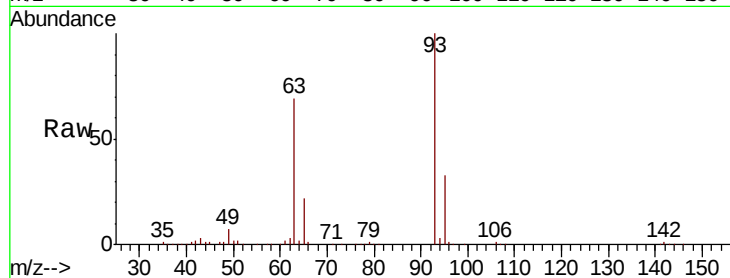
Tot Ion: 93 Resp: 507132

Ion Ratio Lower Upper

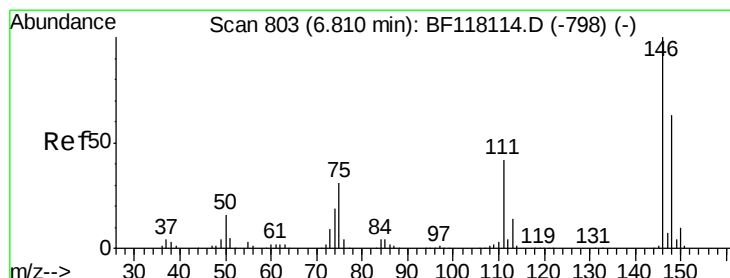
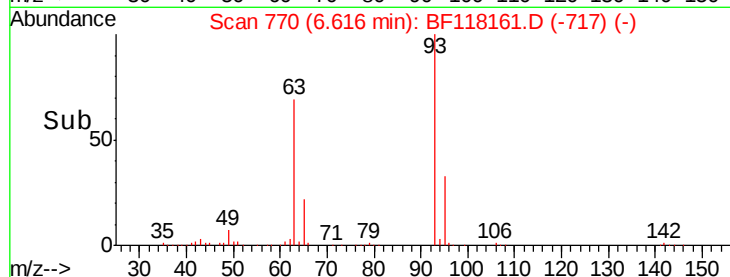
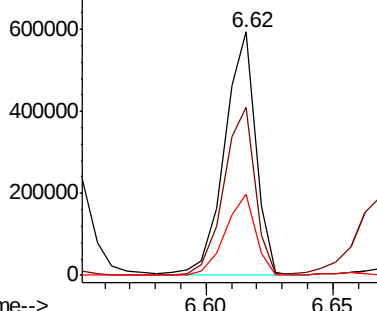
93 100

63 68.8 53.2 93.2

95 33.5 13.8 53.8



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



#12

1,3-Dichlorobenzene

Concen: 41.339 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

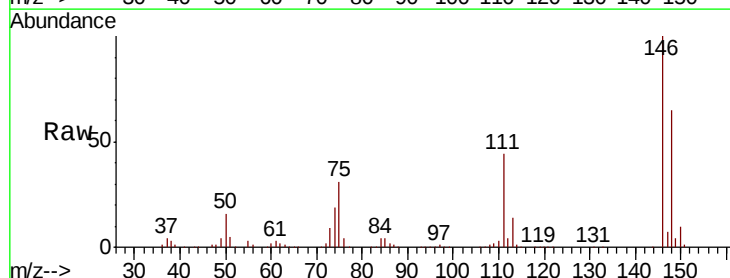
Tgt Ion: 146 Resp: 589114

Ion Ratio Lower Upper

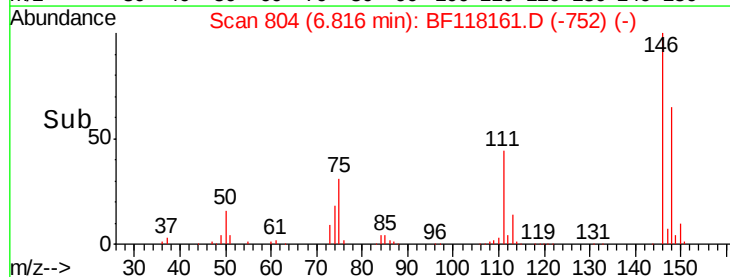
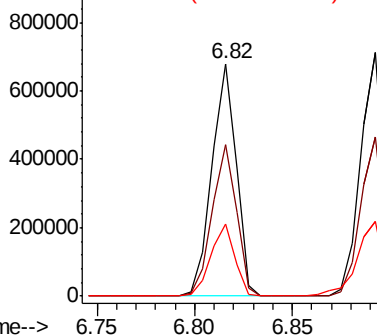
146 100

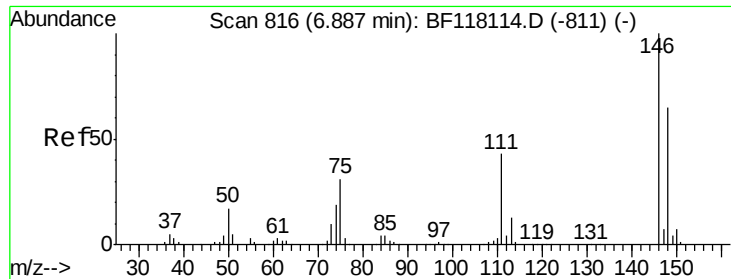
148 65.3 50.2 75.4

75 31.0 24.6 37.0



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

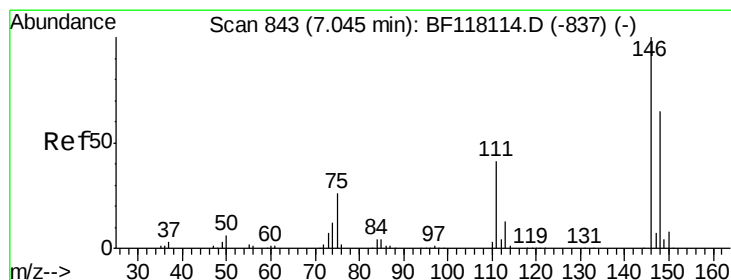
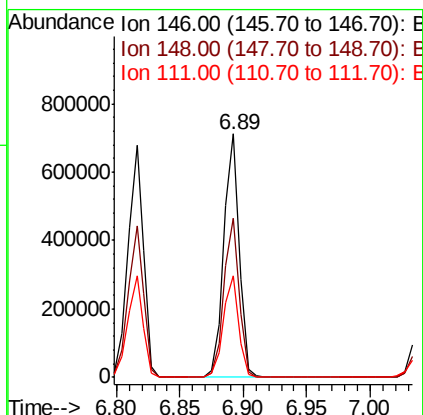
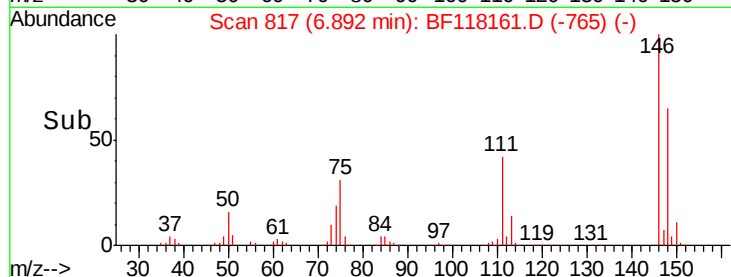
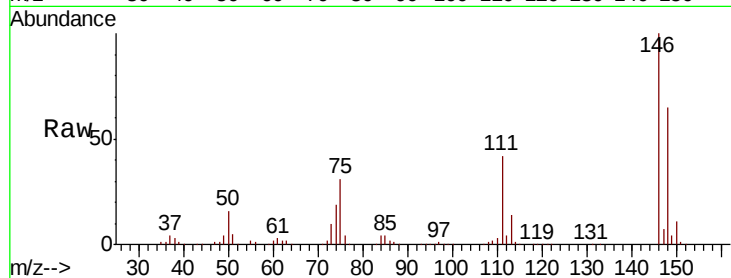




#13
 1,4-Dichlorobenzene
 Concen: 42.035 ng
 RT: 6.89 min Scan# 817
 Delta R.T. 0.01 min
 Lab File: BF118161.D
 Acq: 10 Dec 2019 12:01

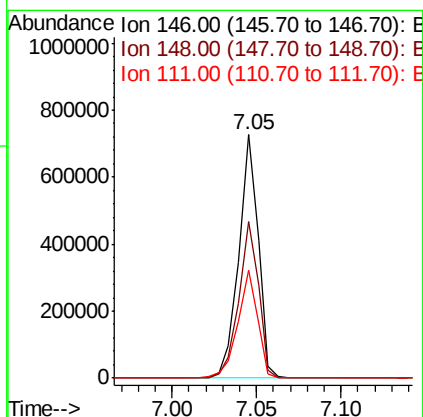
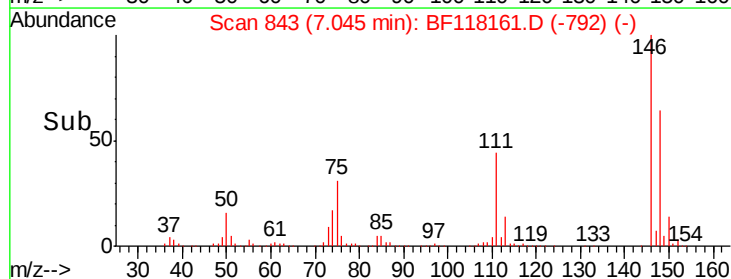
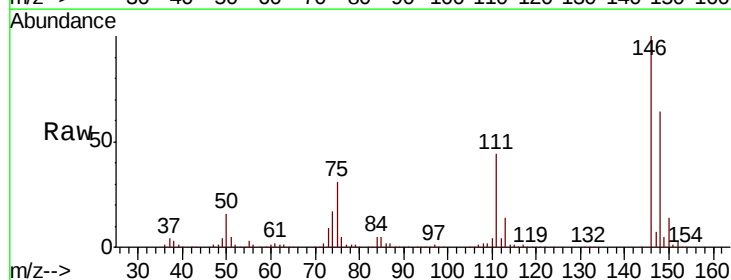
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 603204
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.1 78.1
 111 42.0 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 42.993 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF118161.D
 Acq: 10 Dec 2019 12:01

Tgt Ion:146 Resp: 579377
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.2 78.2
 111 44.4 33.1 49.7





#15

Benzyl Alcohol

Concen: 49.512 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

Instrument :

BNA_F

ClientSampleId :

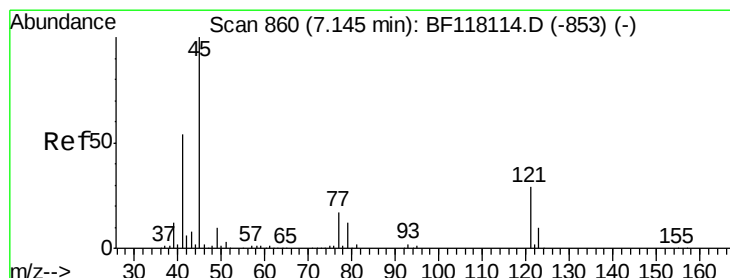
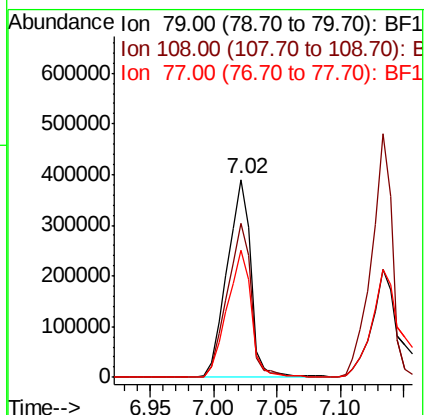
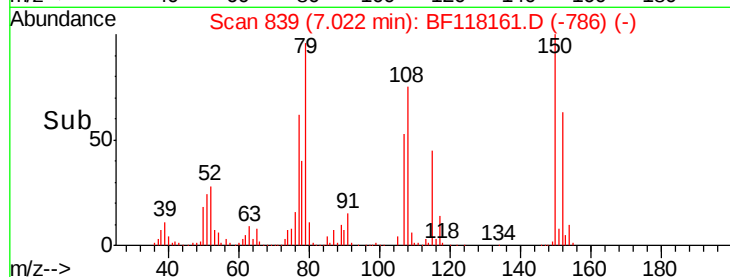
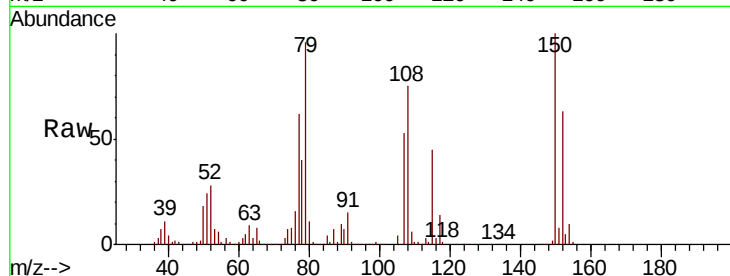
Tot Ion: 79 Resp: 505751

Ion Ratio Lower Upper

79 100

108 78.0 62.7 94.1

77 64.3 51.4 77.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.281 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.01 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

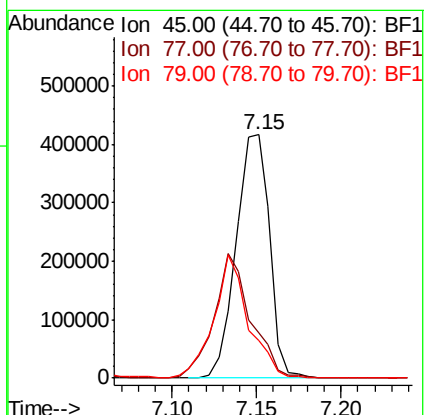
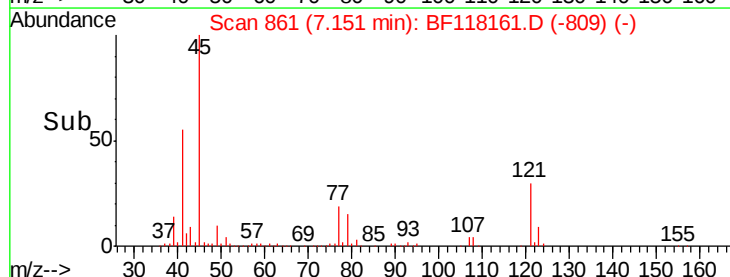
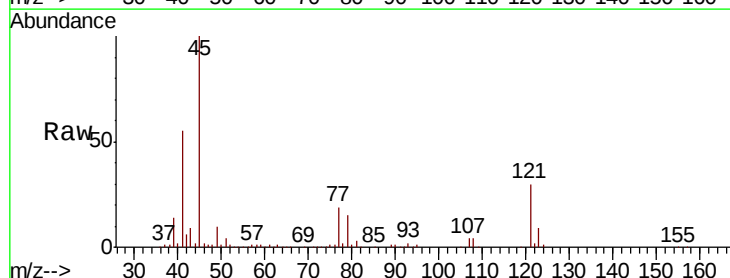
Tgt Ion: 45 Resp: 574645

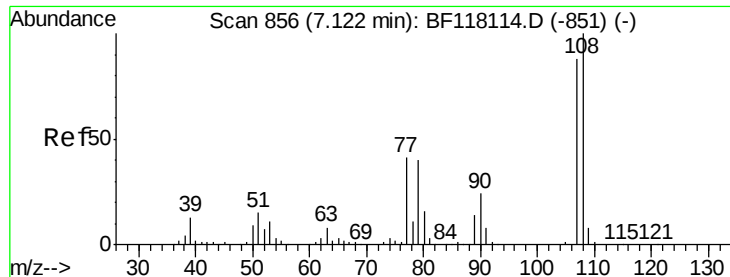
Ion Ratio Lower Upper

45 100

77 18.7 0.0 38.0

79 15.3 0.0 33.2

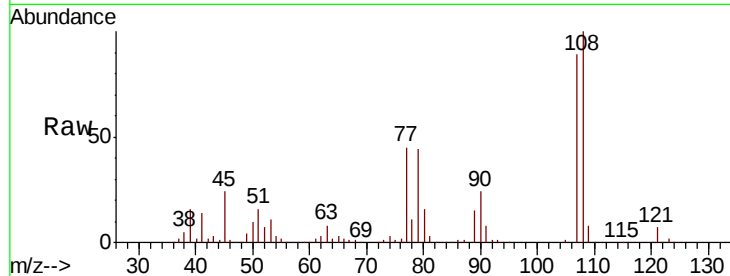




#17
2-Methylphenol
Concen: 50.504 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.0	91.1	136.7
77	49.9	37.8	56.6
79	49.4	37.0	55.6



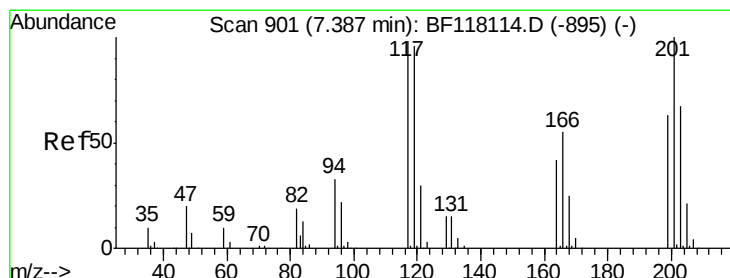
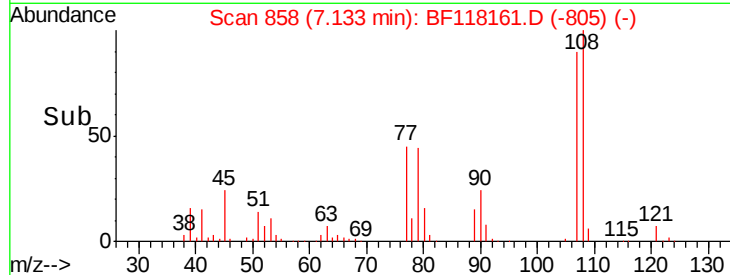
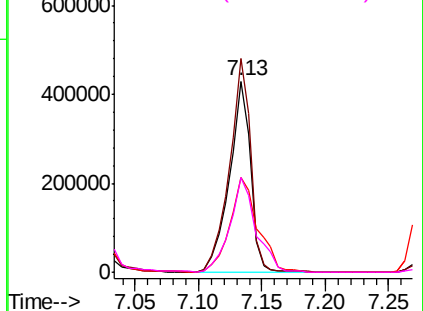
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

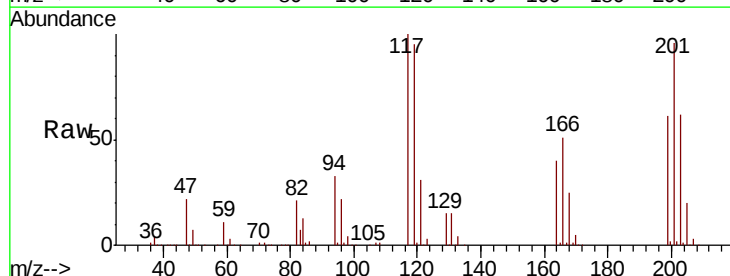
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 42.424 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	78.2	117.4
201	96.3	81.6	122.4

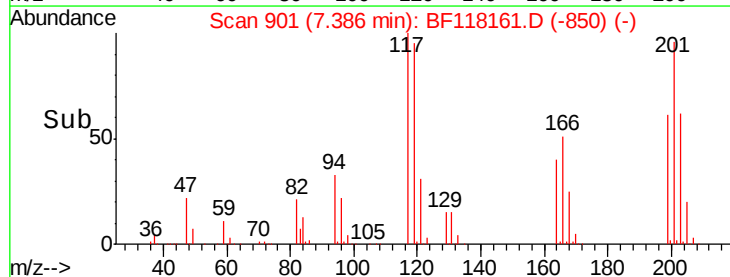
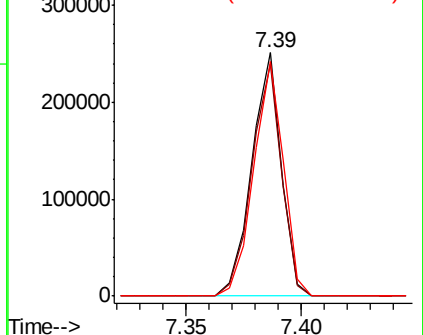


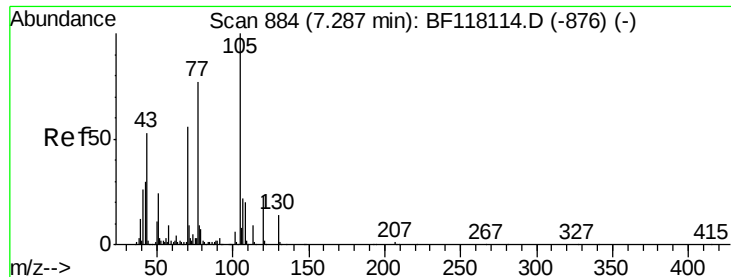
Abundance

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

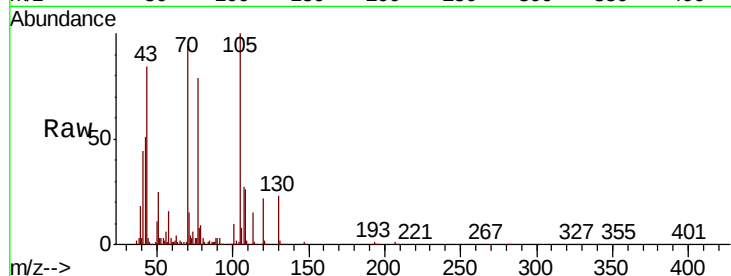




#19
n-Nitroso-di-n-propylamine
Concen: 48.807 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	388095
Ion	Ratio	Lower	Upper
70	100		
42	54.8	43.2	64.8
101	10.4	8.1	12.1
130	25.0	19.8	29.8



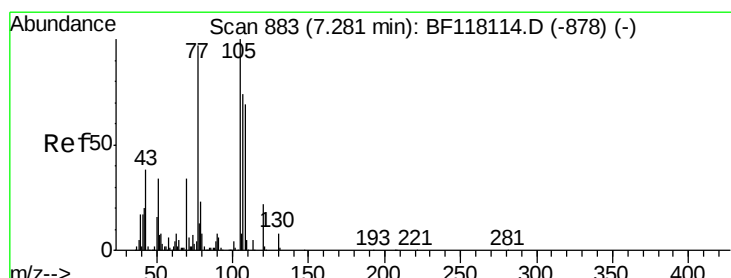
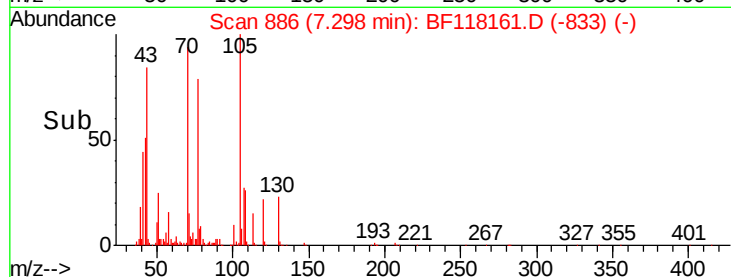
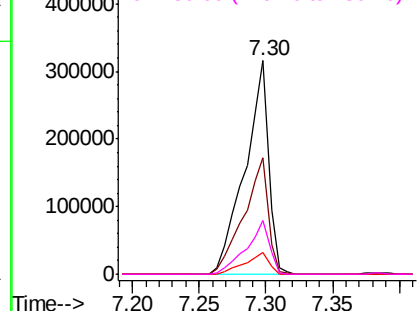
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

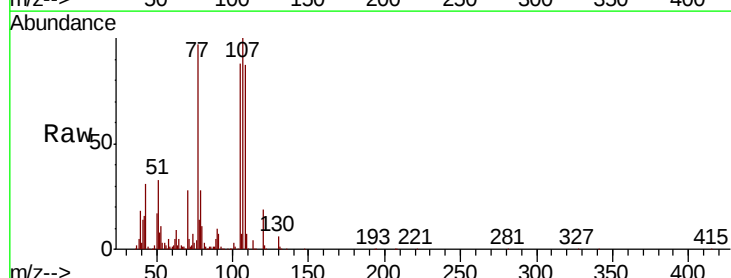
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 49.399 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

Tgt Ion:	107	Resp:	602037
Ion	Ratio	Lower	Upper
107	100		
108	86.5	73.2	113.2
77	97.2	110.9	150.9#
79	28.1	11.5	51.5



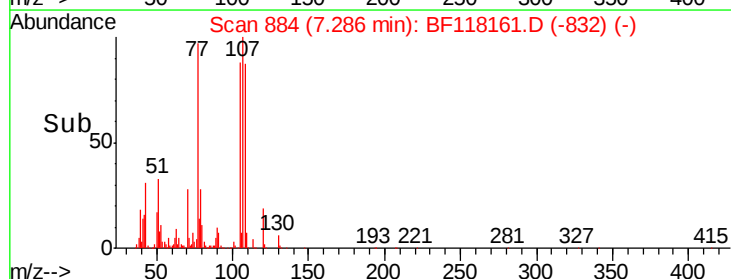
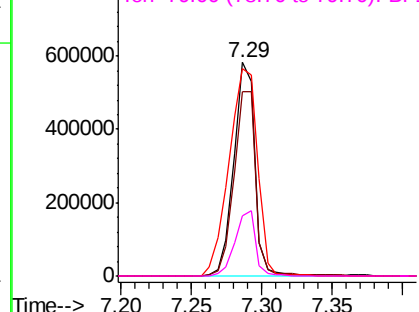
Abundance

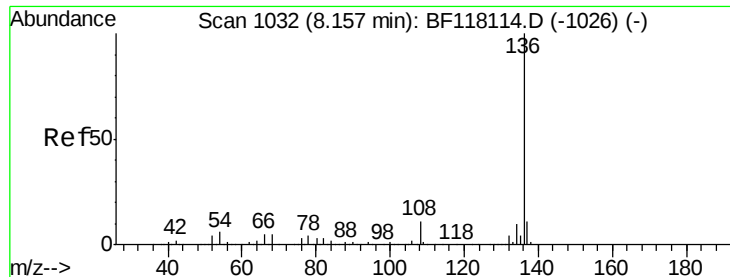
Ion 107.00 (106.70 to 107.70): BF1

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: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 819031

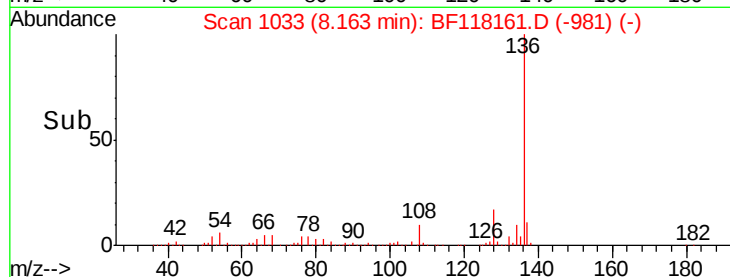
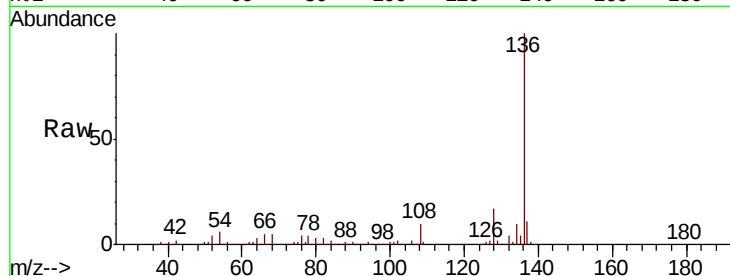
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 6.0 5.0 7.6

68 4.6 3.8 5.8

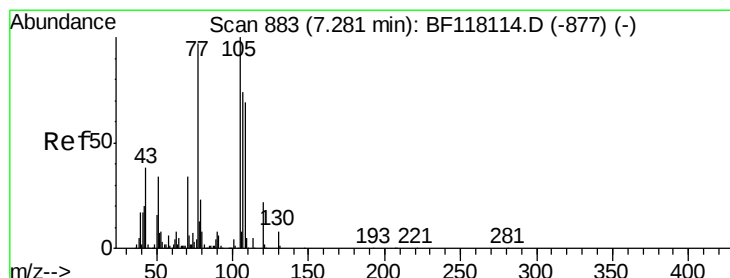
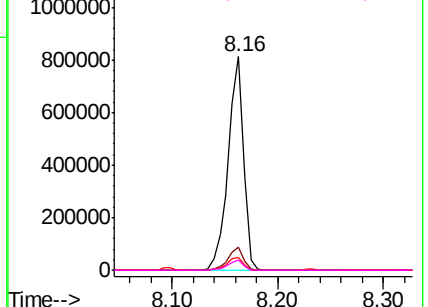


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.096 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.01 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

Tgt Ion:105 Resp: 808634

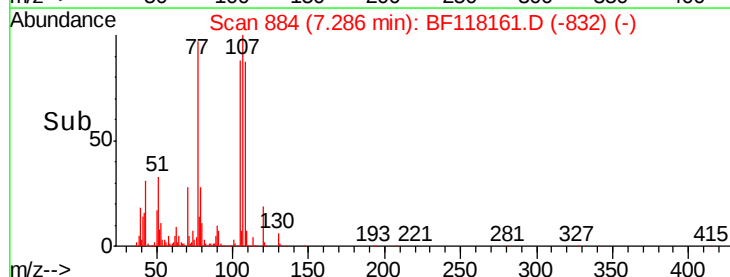
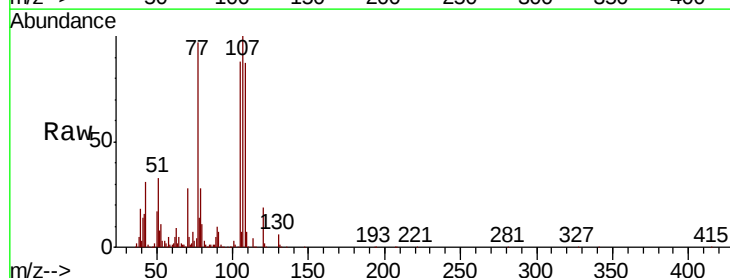
Ion Ratio Lower Upper

105 100

71 5.3 4.7 7.1

51 37.3 27.1 40.7

120 22.1 17.8 26.6

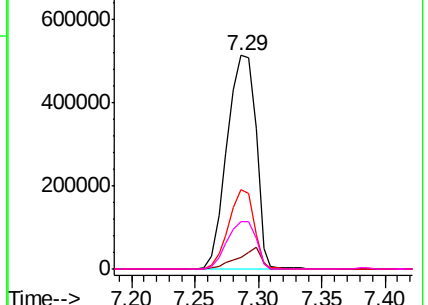


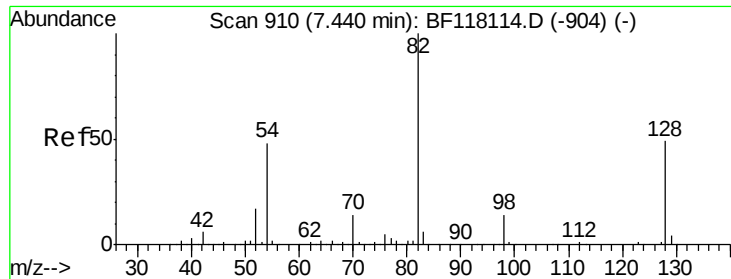
Abundance Ion 105.00 (104.70 to 105.70): E

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

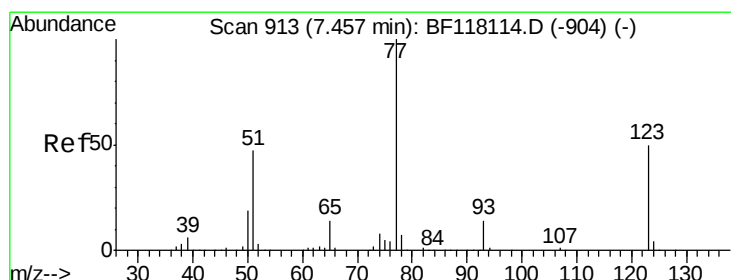
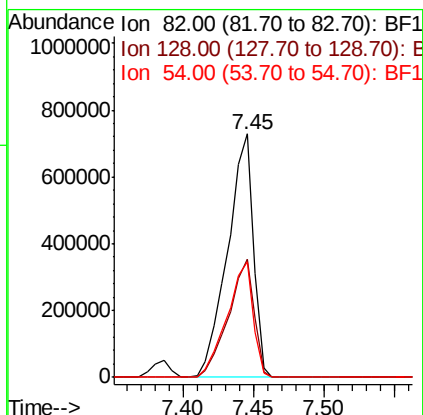
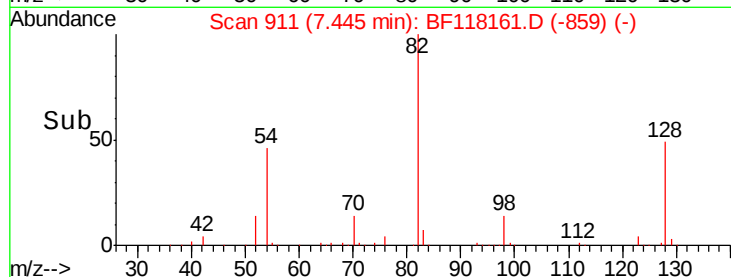
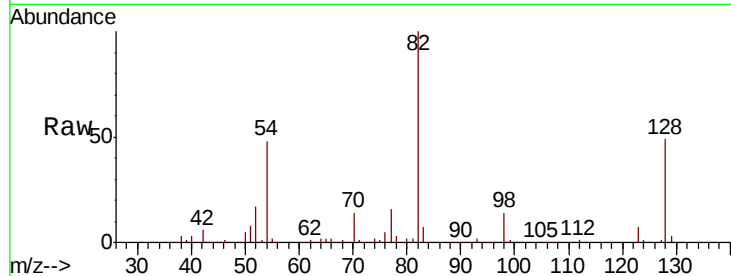




#23
Nitrobenzene-d5
Concen: 63.798 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.01 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

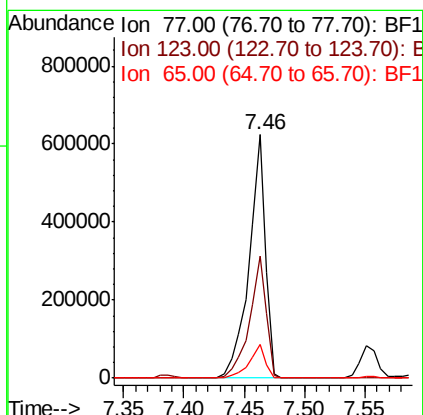
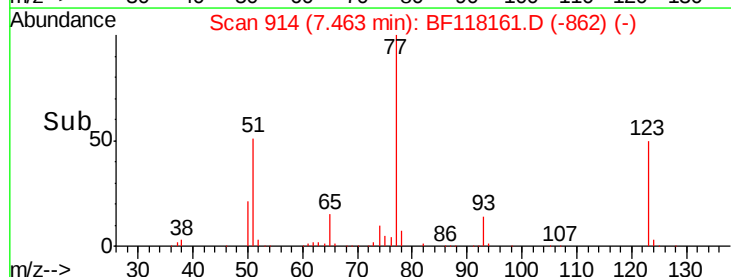
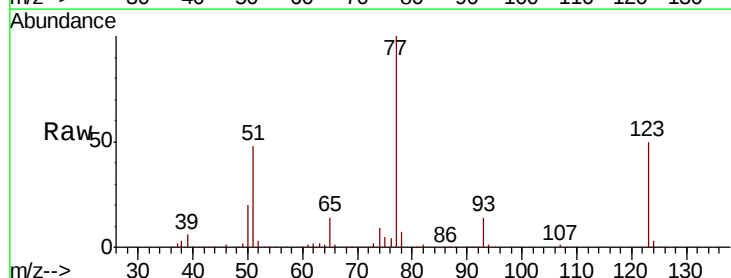
Instrument :
BNA_F
ClientSampleId :

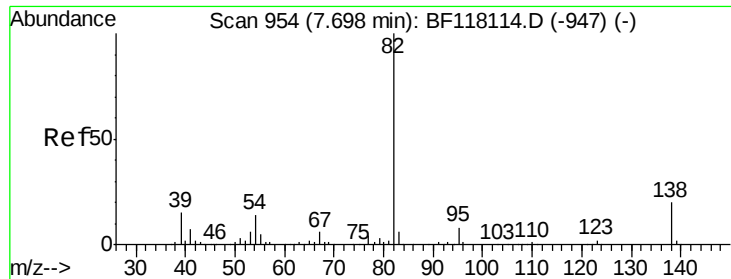
Tot Ion: 82 Resp: 928804
Ion Ratio Lower Upper
82 100
128 48.6 39.1 58.7
54 47.6 38.2 57.2



#24
Nitrobenzene
Concen: 41.468 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

Tgt Ion: 77 Resp: 593145
Ion Ratio Lower Upper
77 100
123 50.2 40.1 60.1
65 14.0 10.9 16.3





#25

Isophorone

Concen: 43.929 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

Instrument :

BNA_F

ClientSampleId :

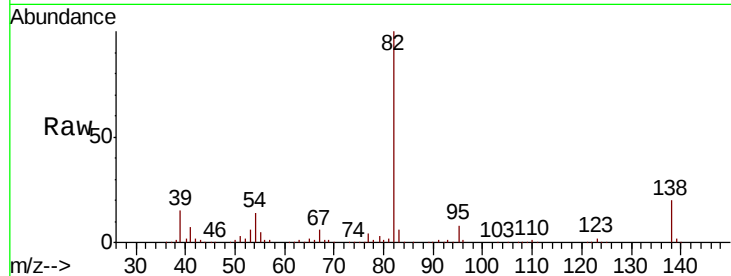
Tot Ion: 82 Resp: 1084160

Ion Ratio Lower Upper

82 100

95 8.0 6.3 9.5

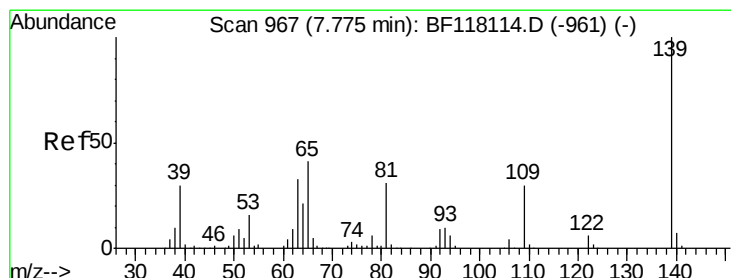
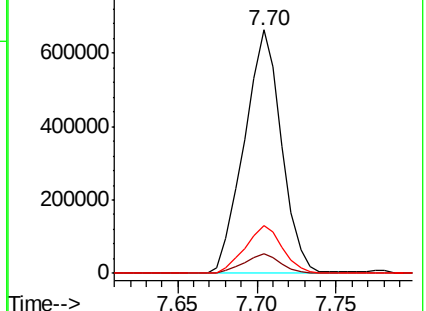
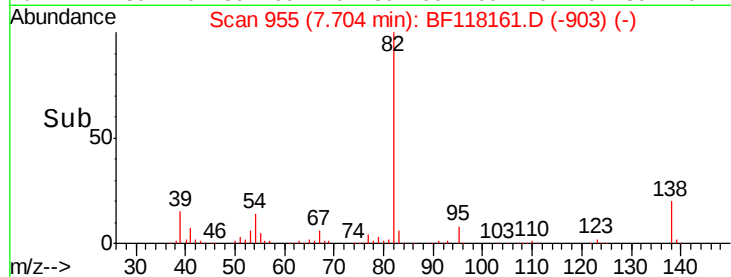
138 19.7 16.3 24.5



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: 44.591 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

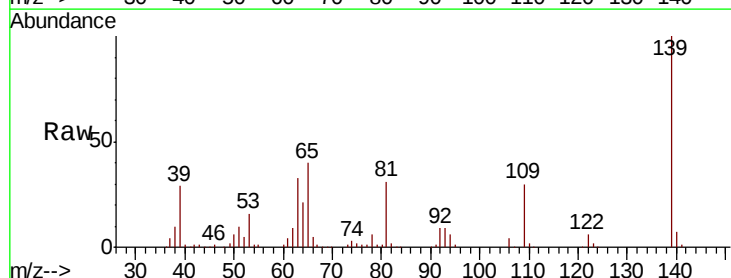
Tgt Ion: 139 Resp: 340903

Ion Ratio Lower Upper

139 100

109 29.9 23.9 35.9

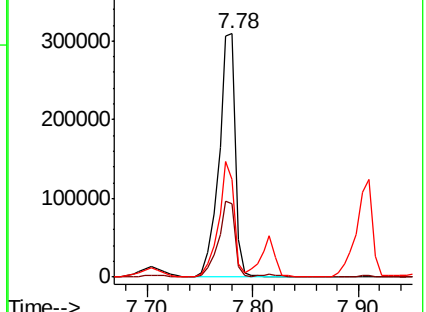
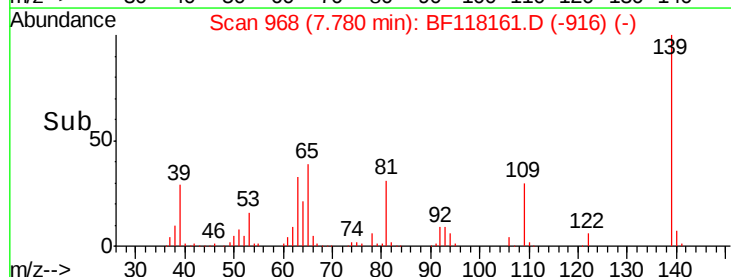
65 39.9 33.0 49.6

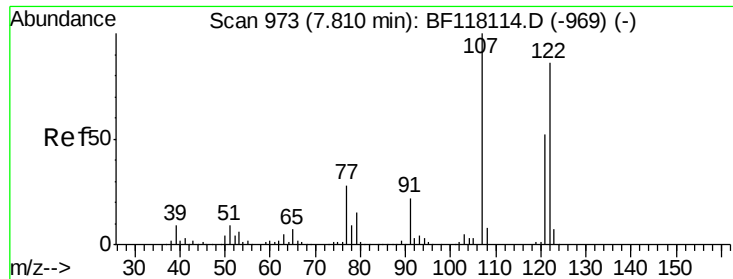


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

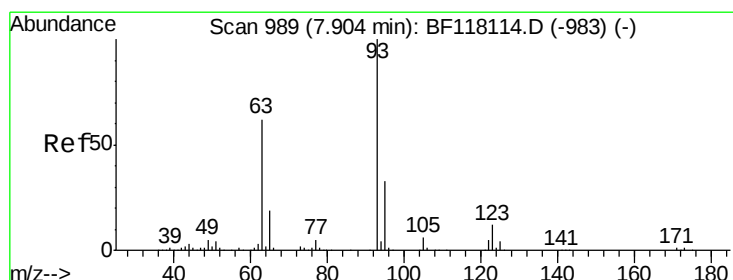
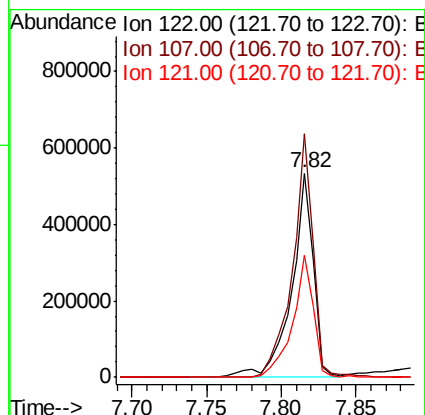
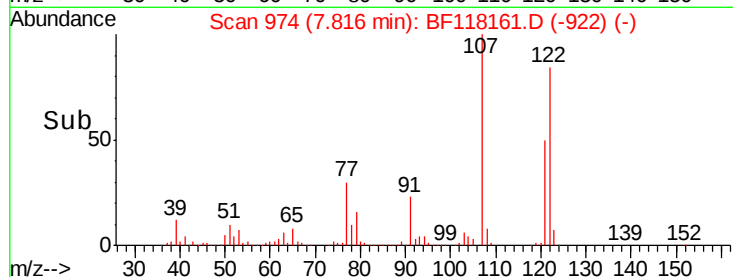
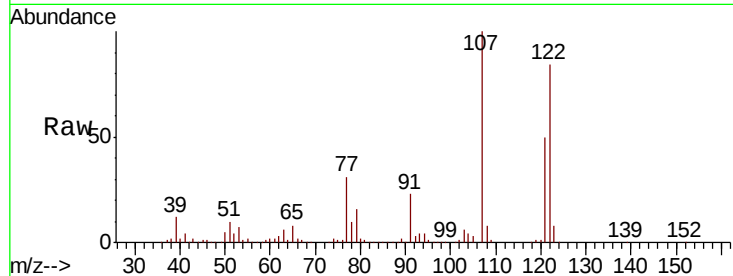




#27
2,4-Dimethylphenol
Concen: 53.622 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

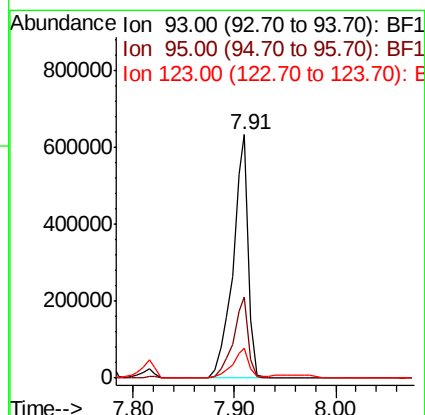
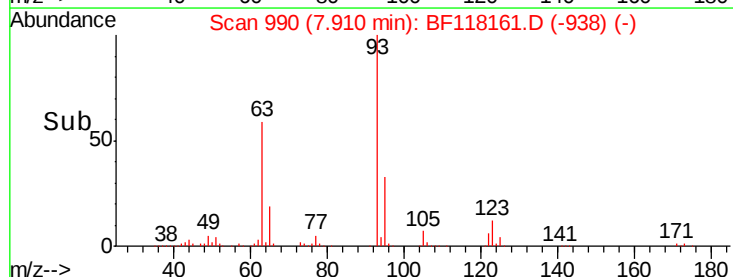
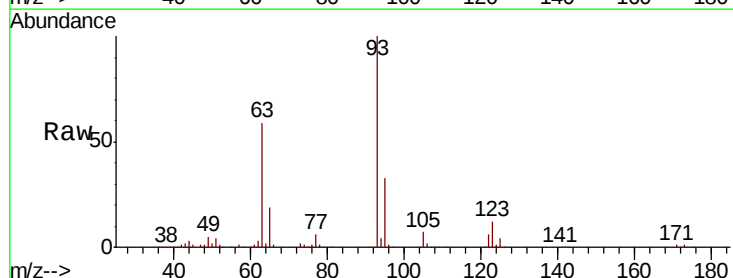
Instrument :
BNA_F
ClientSampleId :

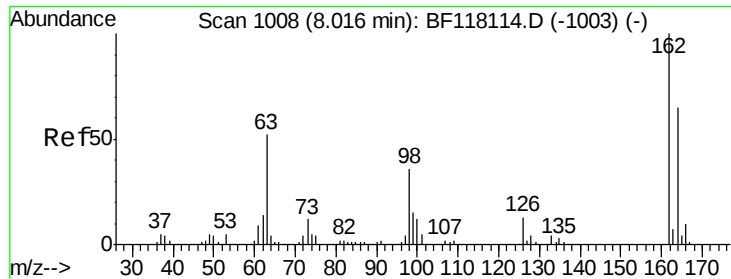
Tot Ion:122 Resp: 546824
Ion Ratio Lower Upper
122 100
107 119.1 92.9 139.3
121 59.4 48.3 72.5



#28
bis(2-Chloroethoxy)methane
Concen: 40.829 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

Tgt Ion: 93 Resp: 658436
Ion Ratio Lower Upper
93 100
95 33.4 26.7 40.1
123 12.5 10.0 15.0

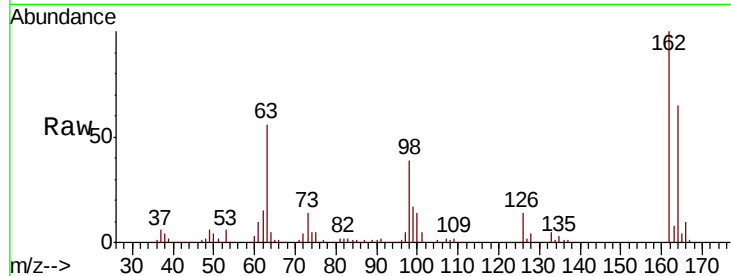




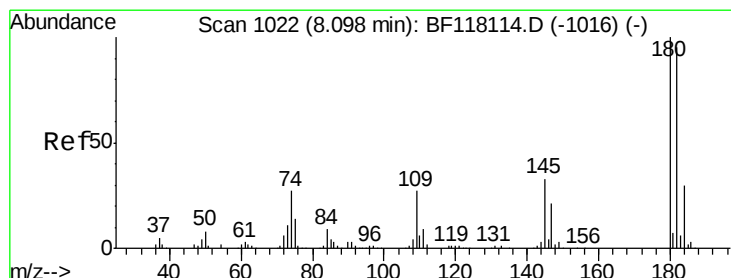
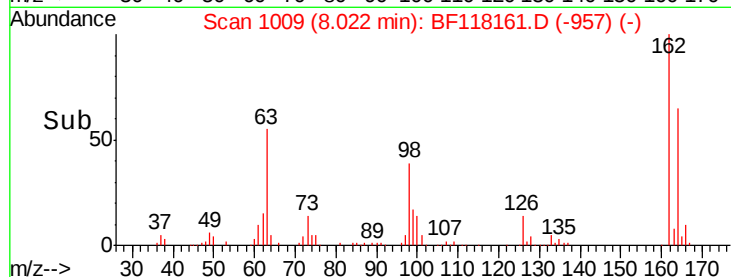
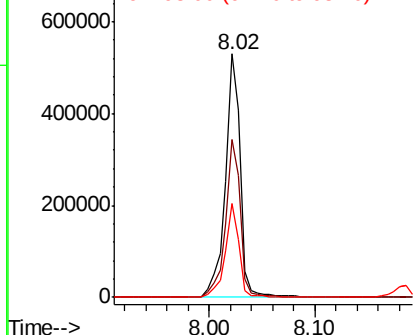
#29
 2,4-Dichlorophenol
 Concen: 43.408 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.01 min
 Lab File: BF118161.D
 Acq: 10 Dec 2019 12:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 516043
 Ion Ratio Lower Upper
 162 100
 164 65.0 45.2 85.2
 98 38.5 15.9 55.9

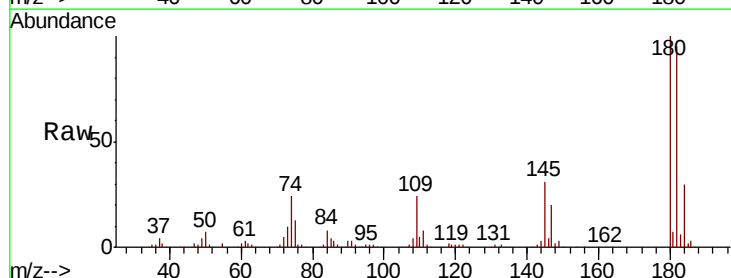


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

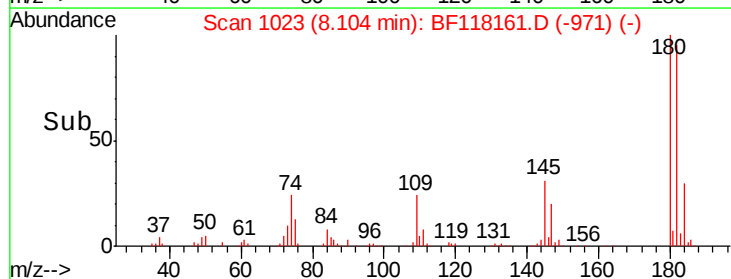
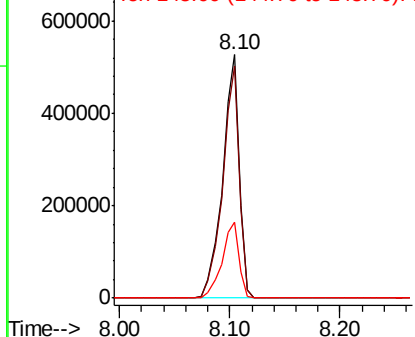


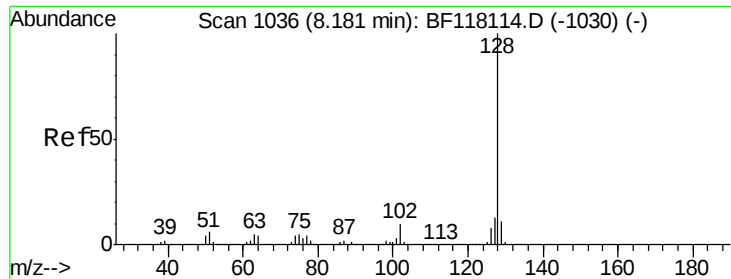
#30
 1,2,4-Trichlorobenzene
 Concen: 39.834 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.01 min
 Lab File: BF118161.D
 Acq: 10 Dec 2019 12:01

Tgt Ion:180 Resp: 553419
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.1 114.1
 145 30.9 26.1 39.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

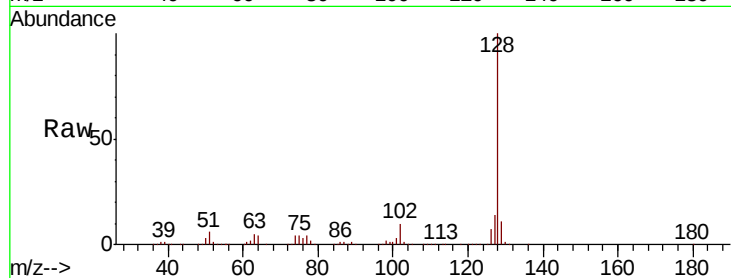




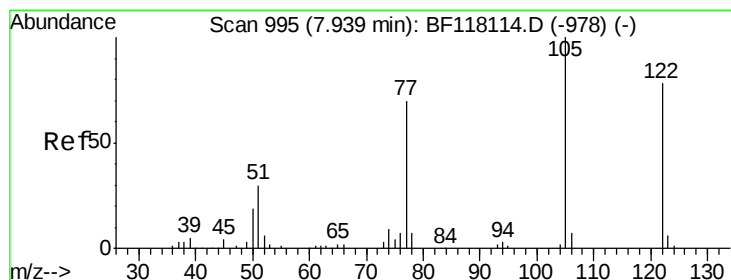
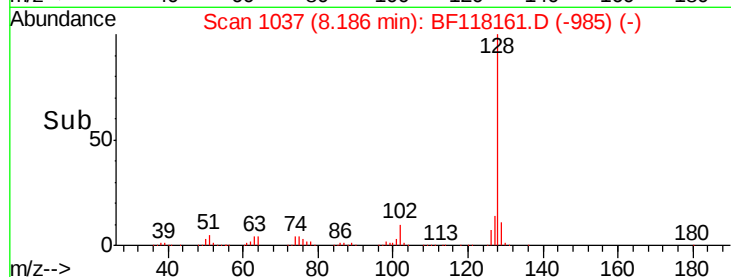
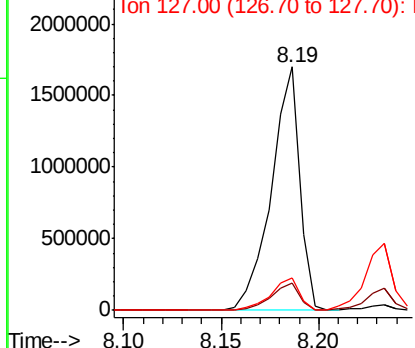
#31
Naphthalene
Concen: 41.655 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1713417
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.6 10.6 16.0

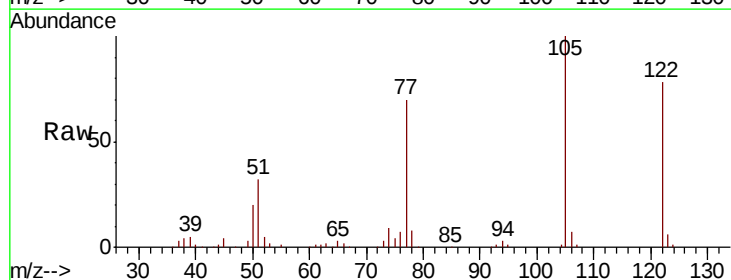


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

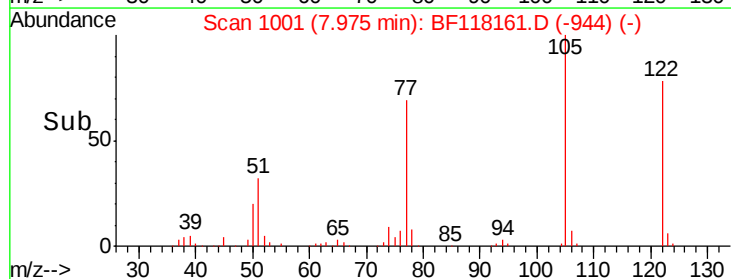
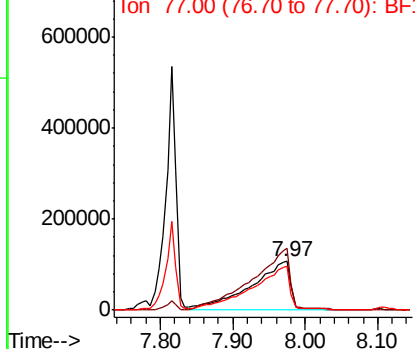


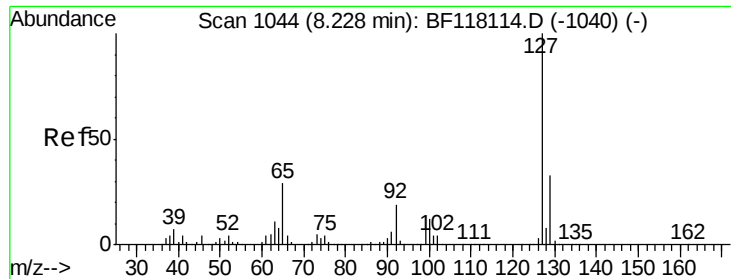
#32
Benzoic acid
Concen: 43.964 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.04 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

Tgt Ion:122 Resp: 404804
Ion Ratio Lower Upper
122 100
105 128.0 104.7 144.7
77 89.1 69.1 109.1



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

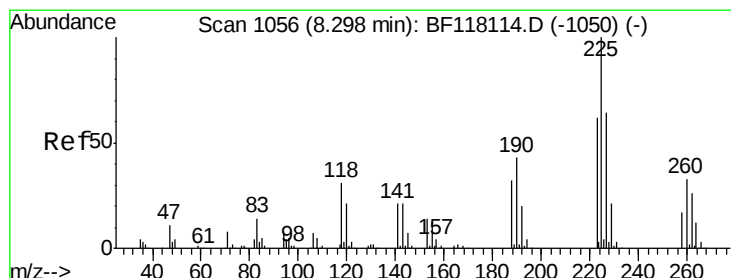
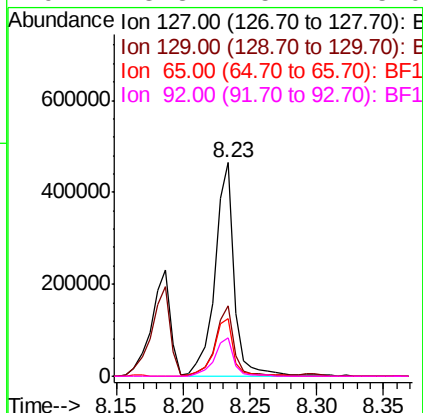
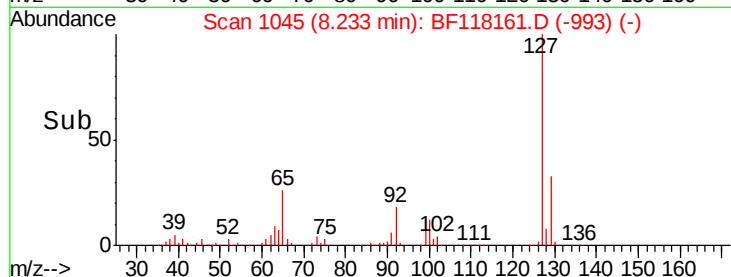
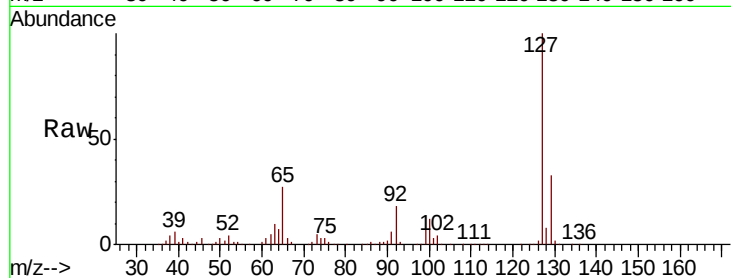




#33
4-Chloroaniline
Concen: 26.357 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

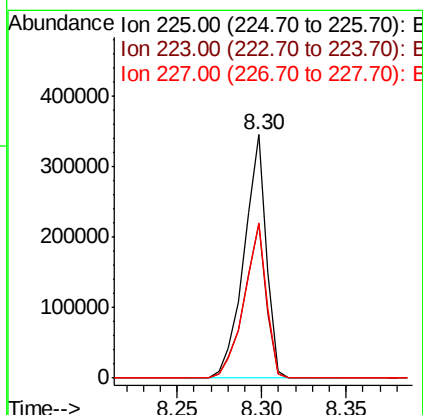
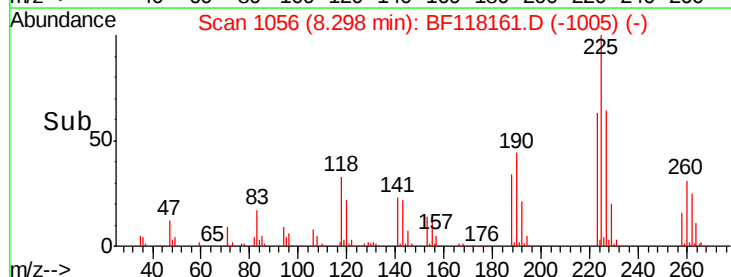
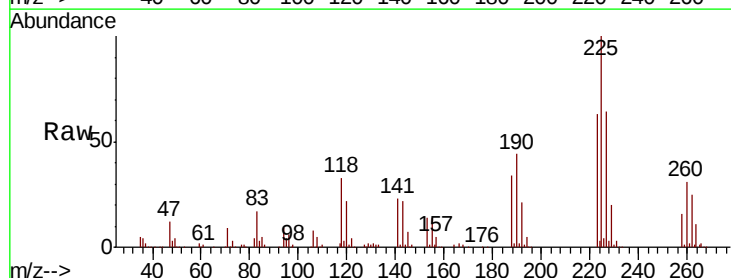
Instrument :
BNA_F
ClientSampleId :

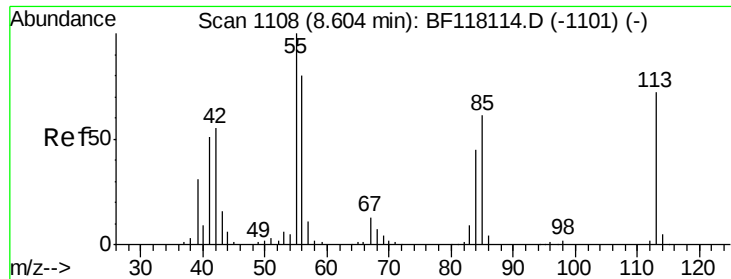
Tot Ion:	127	Resp:	468123
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.6	40.0
65	26.8	23.2	34.8
92	18.3	15.4	23.0



#34
Hexachlorobutadiene
Concen: 38.200 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

Tgt Ion:	225	Resp:	318247
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.6	74.4
227	63.5	51.0	76.6

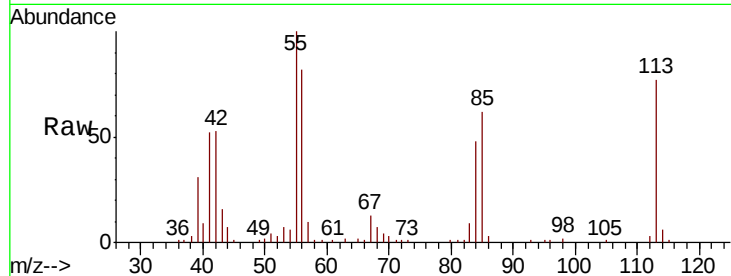




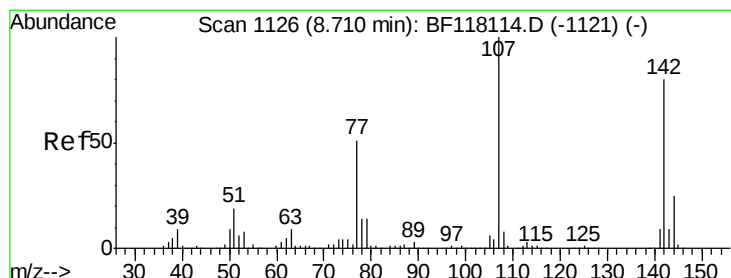
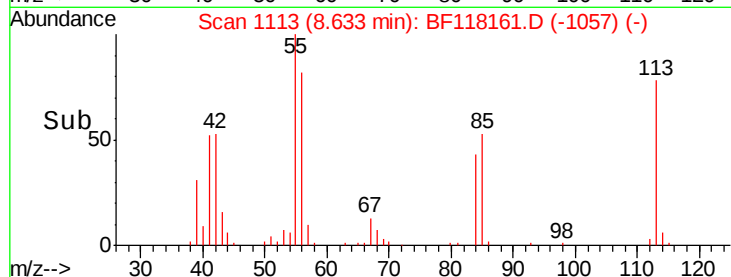
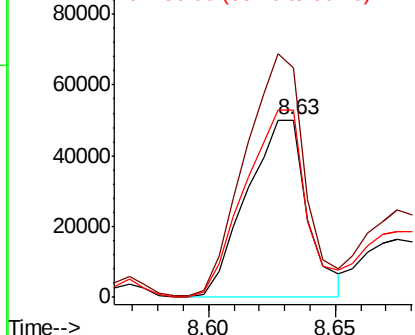
#35
 Caprolactam
 Concen: 22.737 ng
 RT: 8.63 min Scan# 1113
 Delta R.T. 0.03 min
 Lab File: BF118161.D
 Acq: 10 Dec 2019 12:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 83359
 Ion Ratio Lower Upper
 113 100
 55 129.5 118.9 158.9
 56 105.9 91.4 131.4

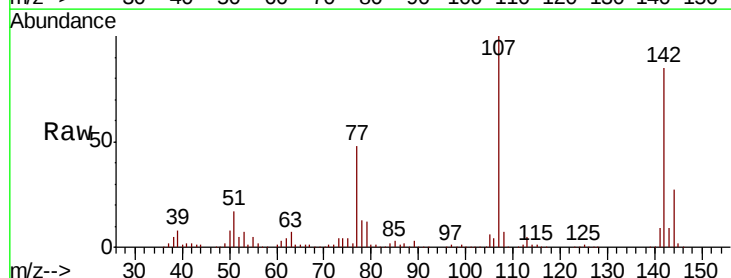


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

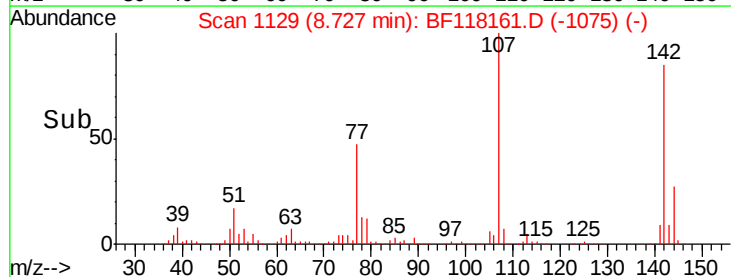
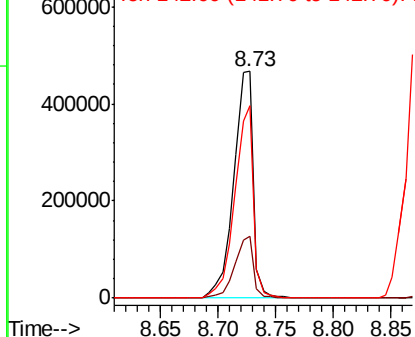


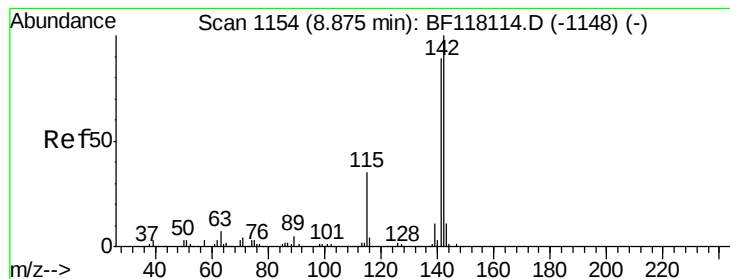
#36
 4-Chloro-3-methylphenol
 Concen: 44.013 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.02 min
 Lab File: BF118161.D
 Acq: 10 Dec 2019 12:01

Tgt Ion:107 Resp: 550628
 Ion Ratio Lower Upper
 107 100
 144 27.4 20.3 30.5
 142 85.0 63.7 95.5



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: 43.041 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

Instrument :

BNA_F

ClientSampleId :

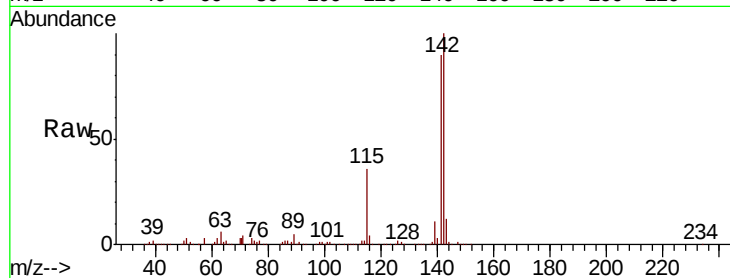
Tot Ion:142 Resp: 1198596

Ion Ratio Lower Upper

142 100

141 90.2 71.4 107.0

115 36.2 28.2 42.4

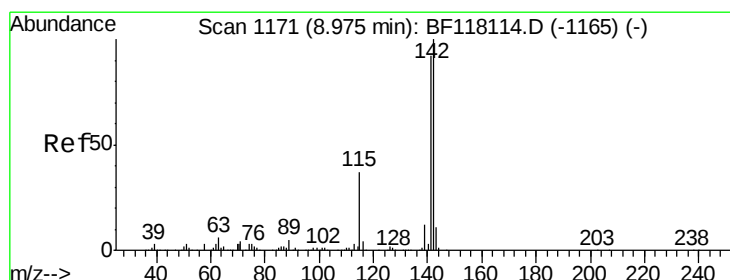
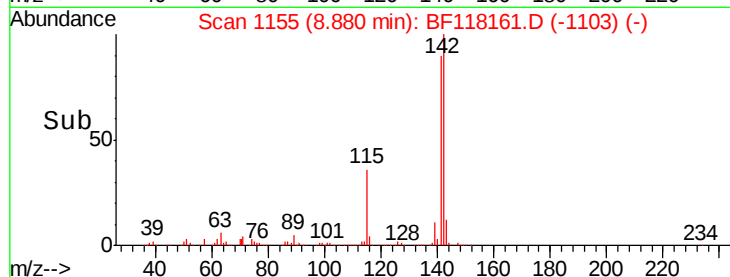
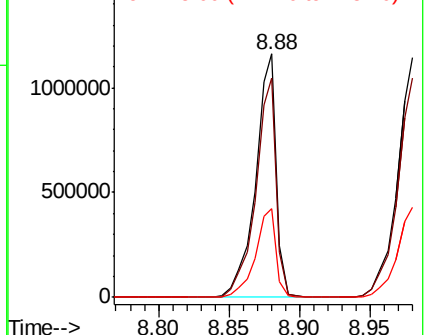


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.998 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.01 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

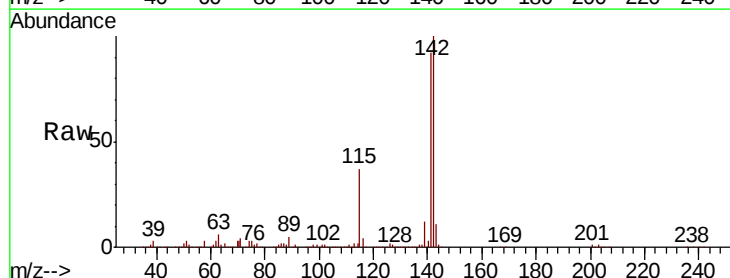
Tgt Ion:142 Resp: 1124286

Ion Ratio Lower Upper

142 100

141 91.9 74.0 111.0

116 3.9 3.2 4.8

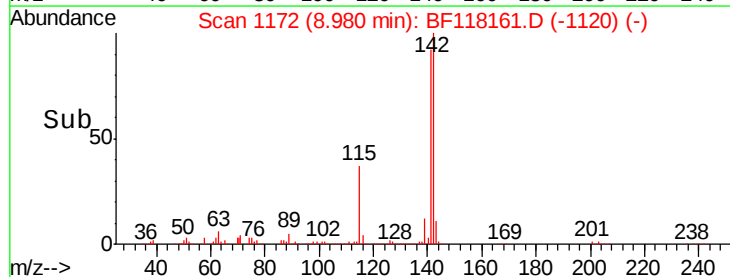
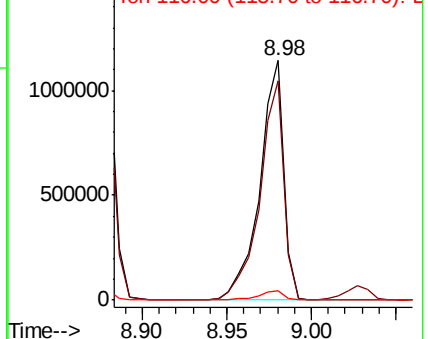


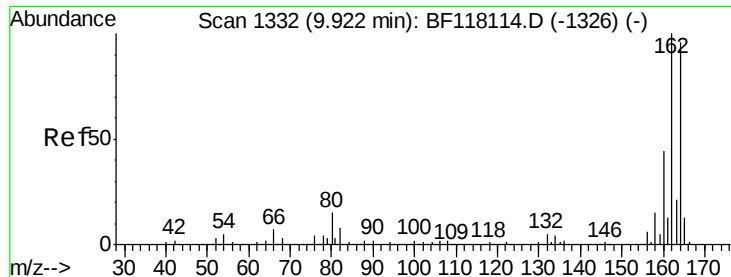
Abundance

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: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

Instrument :

BNA_F

ClientSampleId :

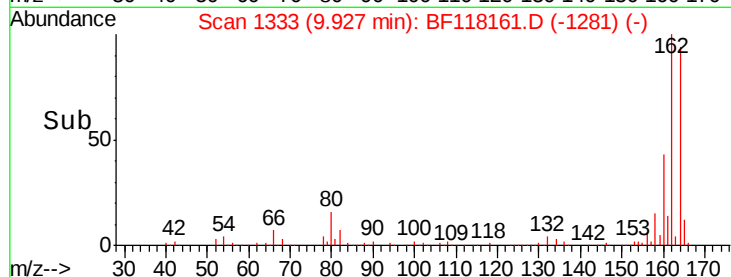
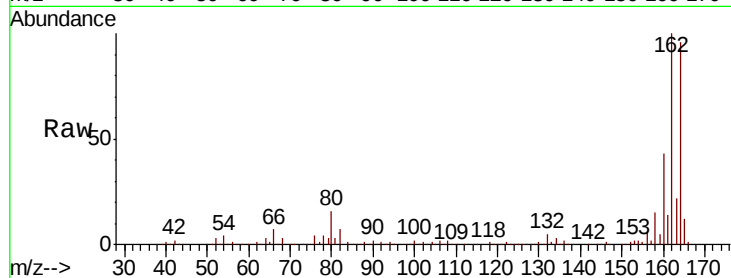
Tot Ion:164 Resp: 443235

Ion Ratio Lower Upper

164 100

162 104.0 83.4 125.0

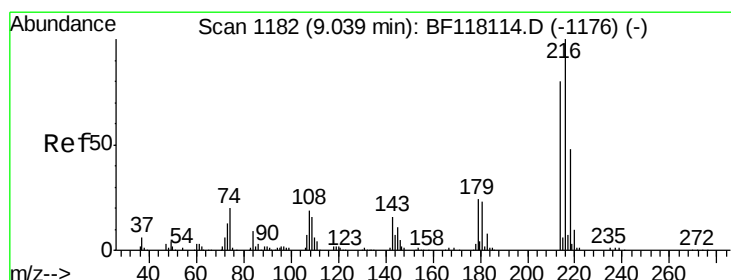
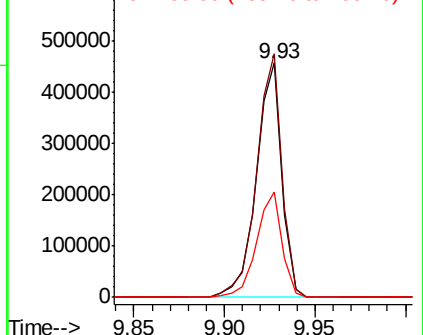
160 44.8 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.211 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.01 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

Tgt Ion:216 Resp: 526500

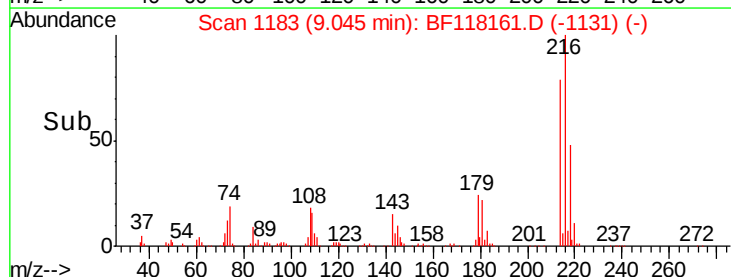
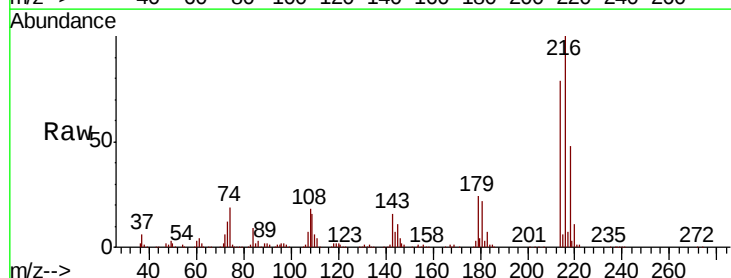
Ion Ratio Lower Upper

216 100

214 78.1 63.4 95.2

179 23.4 18.6 27.8

108 21.4 15.4 23.0

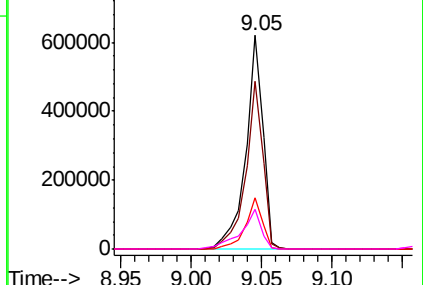


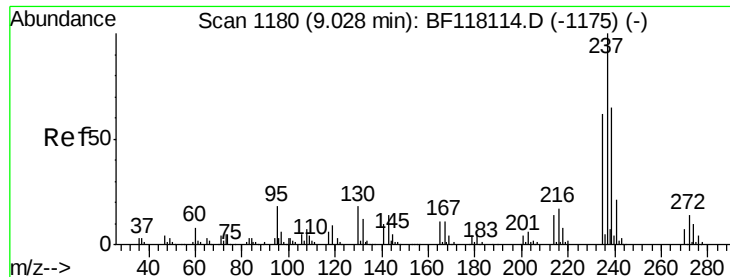
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 90.392 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

Instrument :

BNA_F

ClientSampleId :

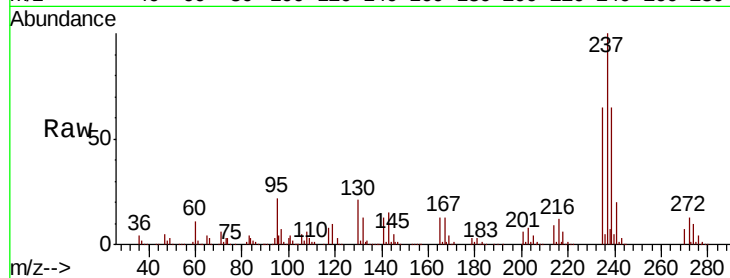
Tot Ion:237 Resp: 543803

Ion Ratio Lower Upper

237 100

235 64.5 41.5 81.5

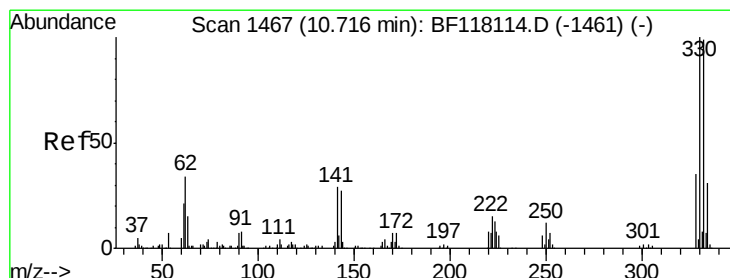
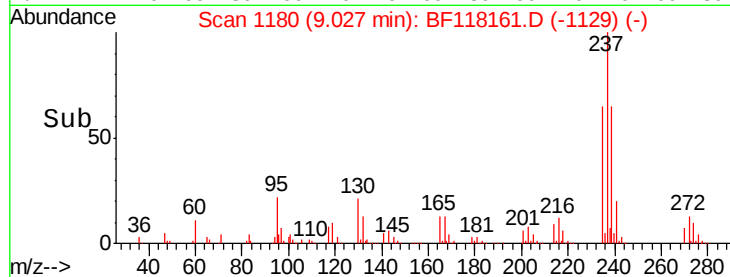
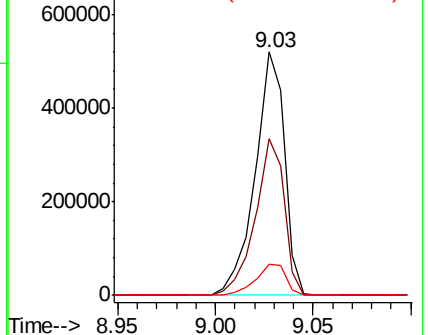
272 12.7 0.0 33.7



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: 119.323 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

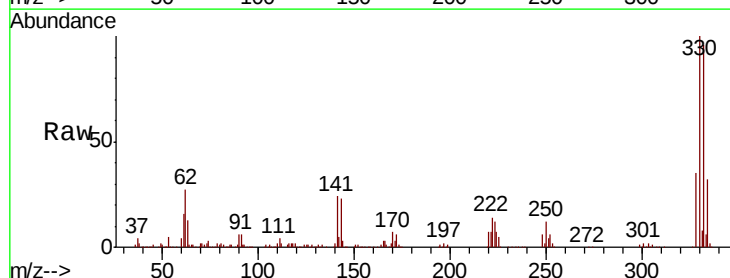
Tgt Ion:330 Resp: 642494

Ion Ratio Lower Upper

330 100

332 95.8 78.1 117.1

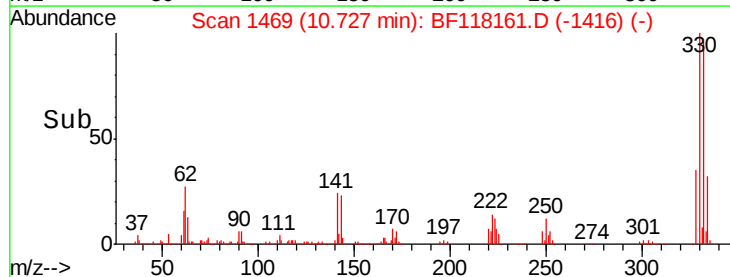
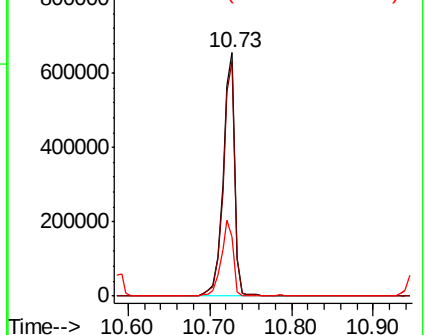
141 32.4 26.9 40.3

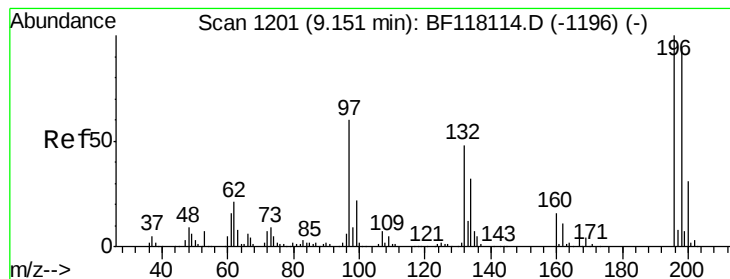


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 42.266 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

Instrument :

BNA_F

ClientSampled :

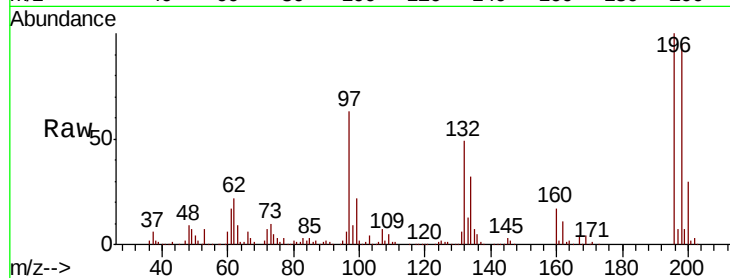
Tot Ion:196 Resp: 378918

Ion Ratio Lower Upper

196 100

198 95.1 75.0 112.4

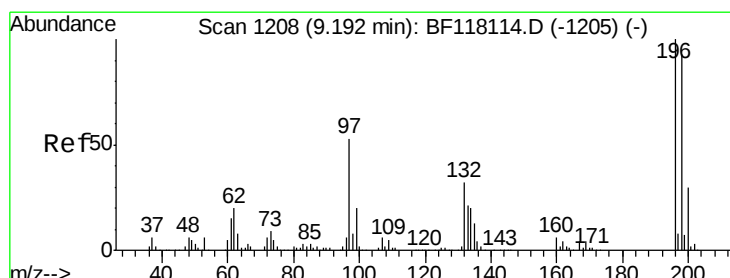
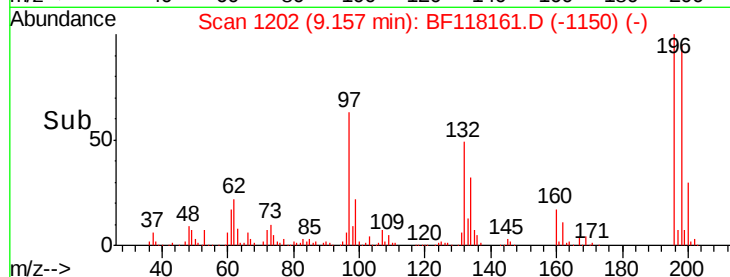
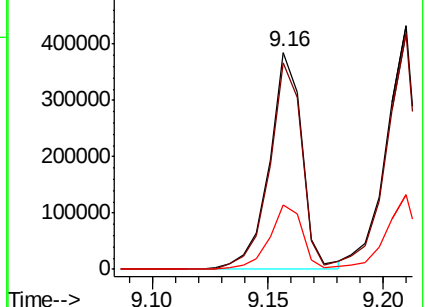
200 30.0 24.5 36.7



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: 42.098 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.02 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

Tgt Ion:196 Resp: 391014

Ion Ratio Lower Upper

196 100

198 96.7 74.2 111.4

97 49.1 42.5 63.7

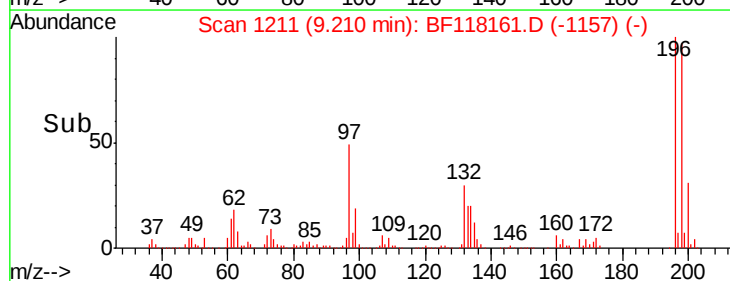
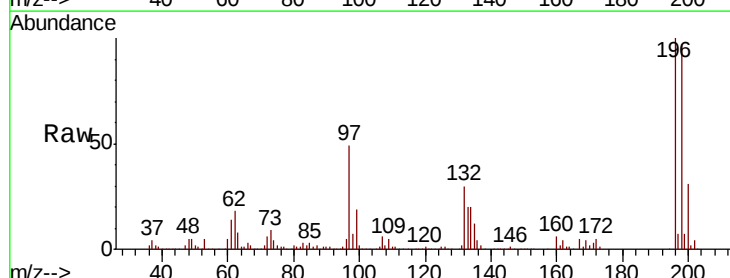
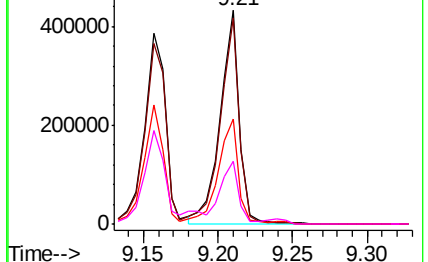
132 29.6 25.4 38.2

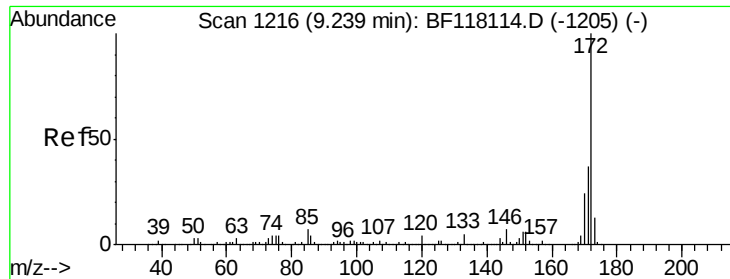
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

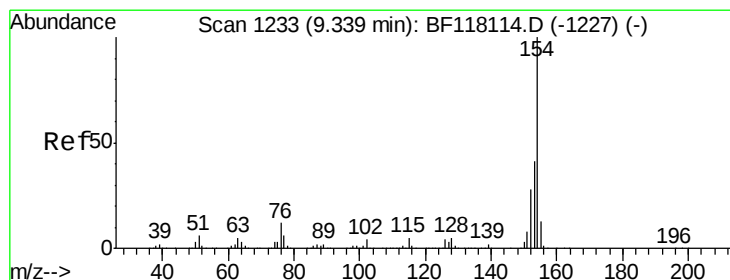
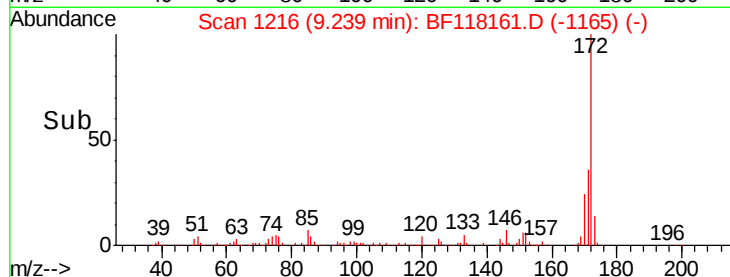
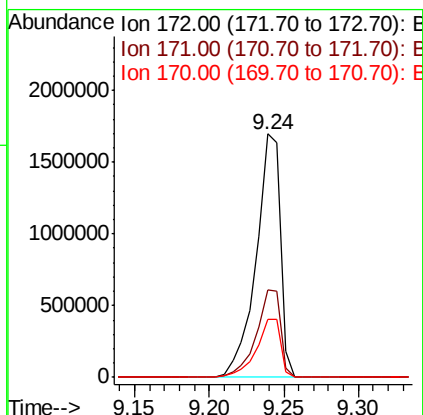
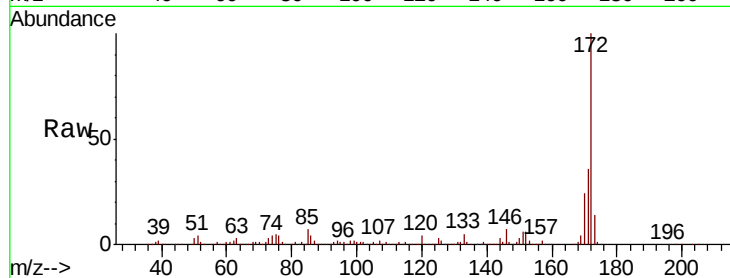




#45
2-Fluorobiphenyl
Concen: 64.993 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

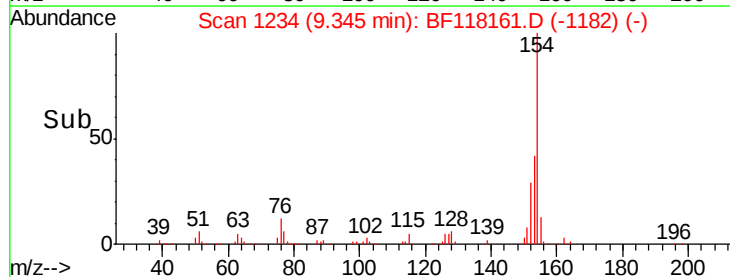
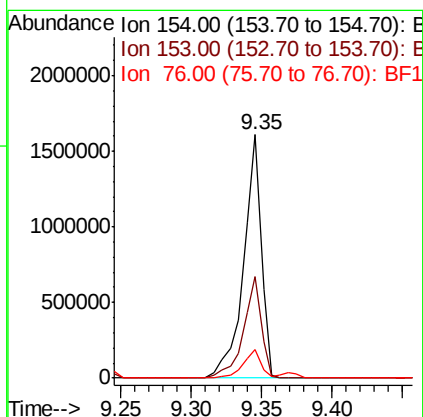
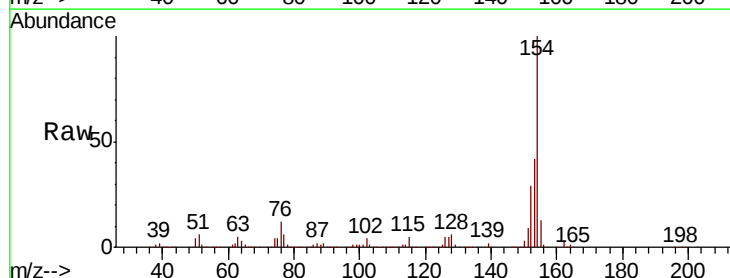
Instrument :
BNA_F
ClientSampleId :

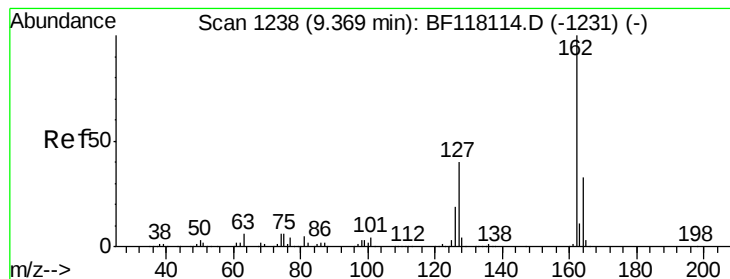
Tot Ion:172 Resp: 1893156
Ion Ratio Lower Upper
172 100
171 36.0 29.2 43.8
170 24.0 19.4 29.2



#46
1,1'-Biphenyl
Concen: 40.418 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

Tgt Ion:154 Resp: 1412925
Ion Ratio Lower Upper
154 100
153 41.8 20.7 60.7
76 11.8 0.0 31.9





#47

2-Chloronaphthalene

Concen: 39.178 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

Instrument :

BNA_F

ClientSampled :

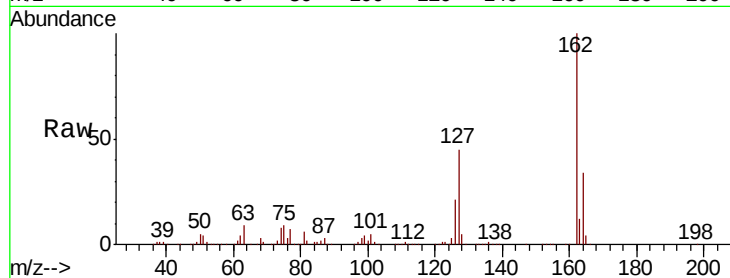
Tot Ion:162 Resp: 1101680

Ion Ratio Lower Upper

162 100

127 45.2 32.0 48.0

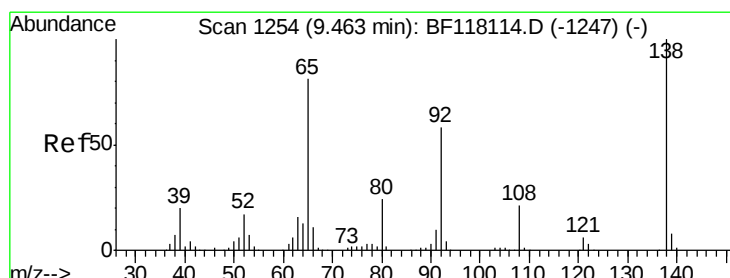
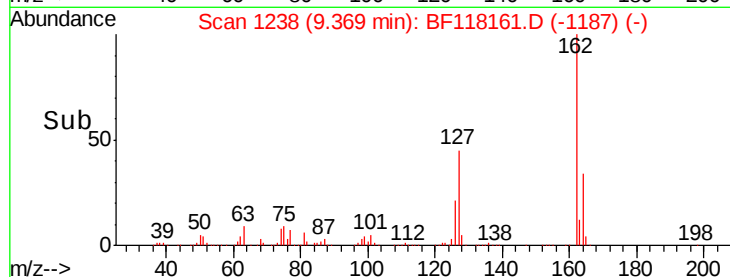
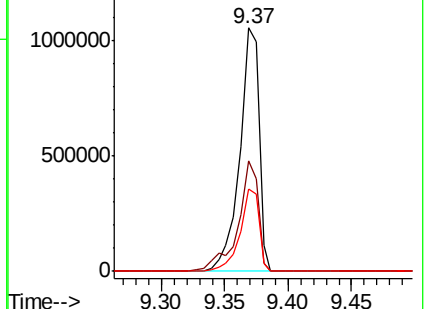
164 33.6 26.1 39.1



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: 39.777 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

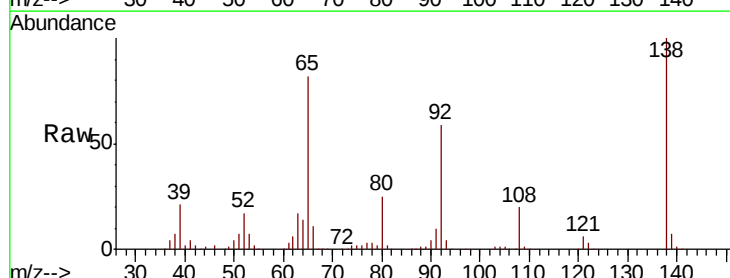
Tgt Ion: 65 Resp: 318973

Ion Ratio Lower Upper

65 100

92 71.3 57.8 86.6

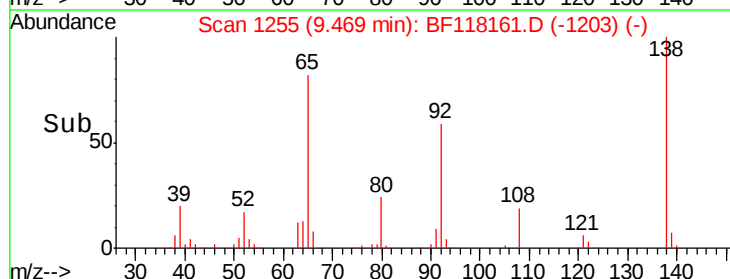
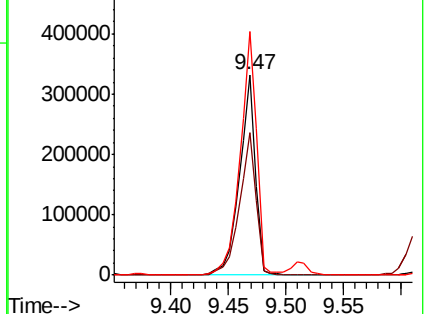
138 121.5 98.8 148.2

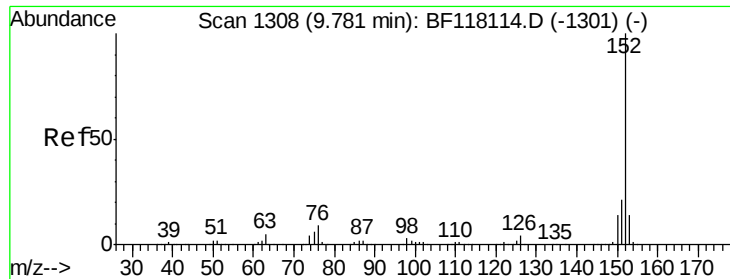


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.824 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

Instrument :

BNA_F

ClientSampleId :

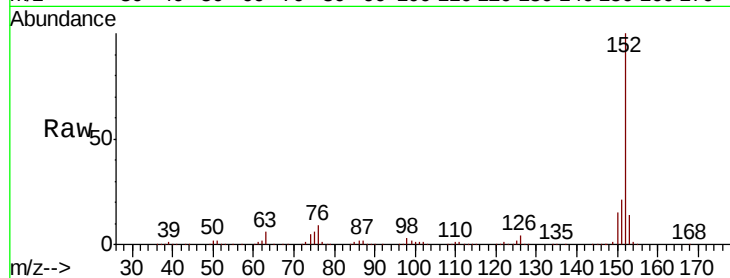
Tot Ion:152 Resp: 1734638

Ion Ratio Lower Upper

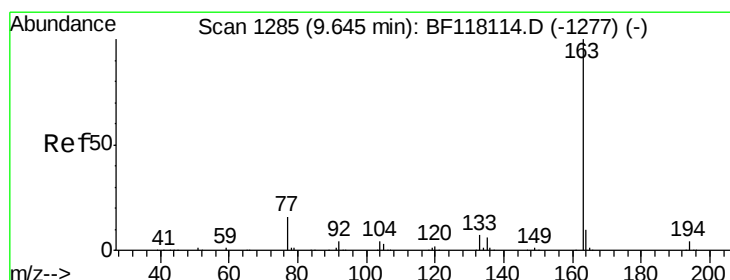
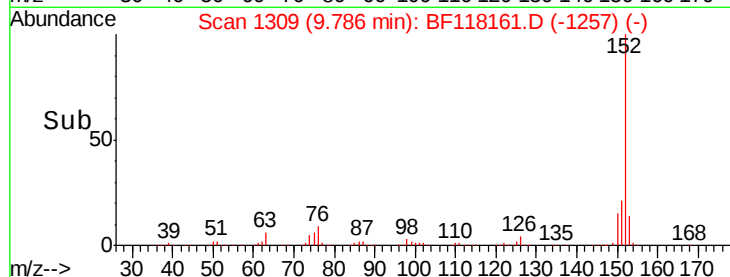
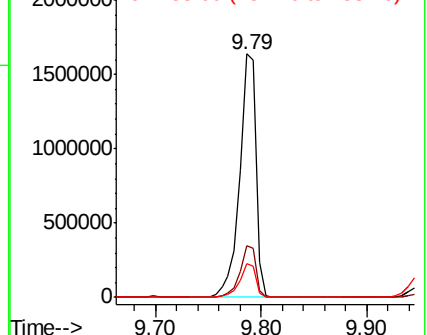
152 100

151 21.0 16.4 24.6

153 13.7 10.8 16.2



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: 40.775 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

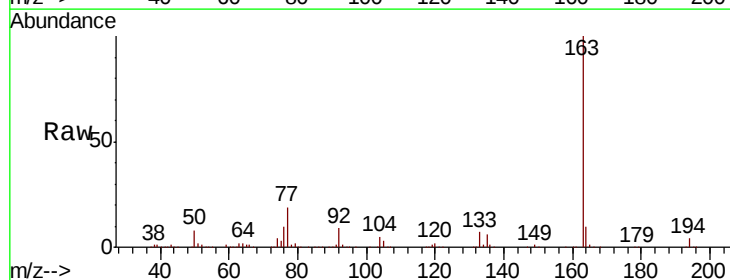
Tgt Ion:163 Resp: 1334952

Ion Ratio Lower Upper

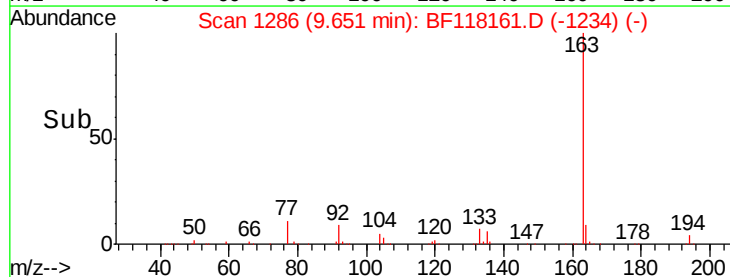
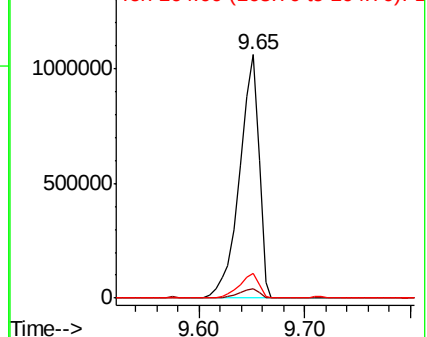
163 100

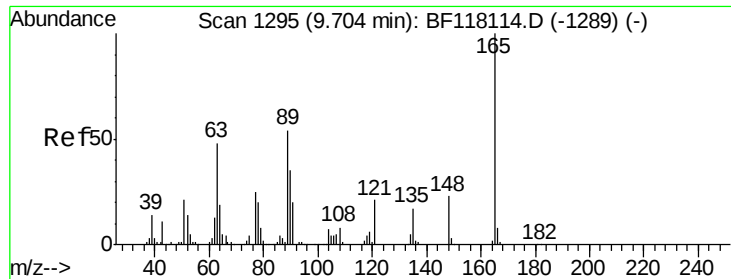
194 3.8 3.1 4.7

164 10.1 7.7 11.5



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

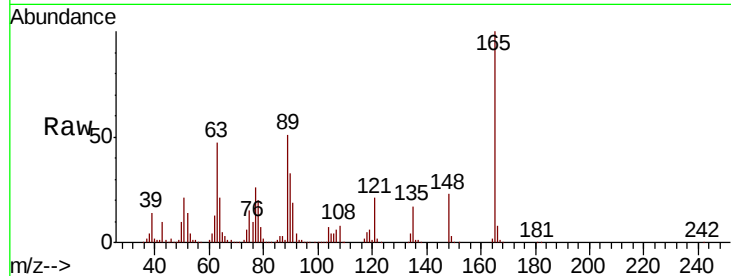




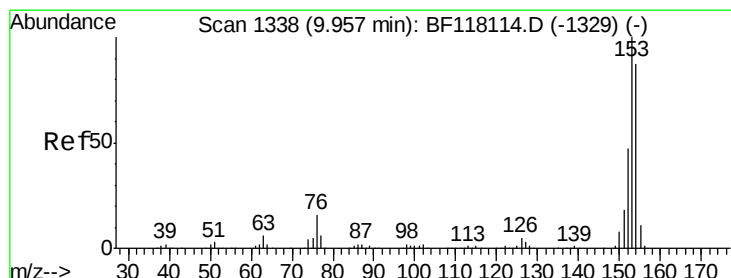
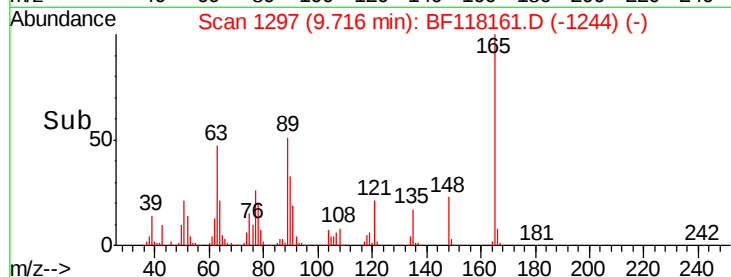
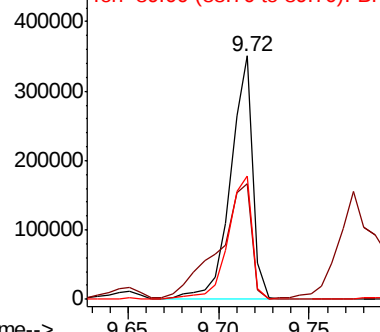
#51
2,6-Dinitrotoluene
Concen: 42.005 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.3	41.4	62.0
89	50.7	42.9	64.3

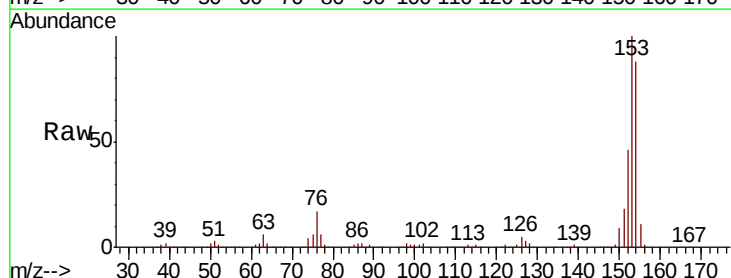


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

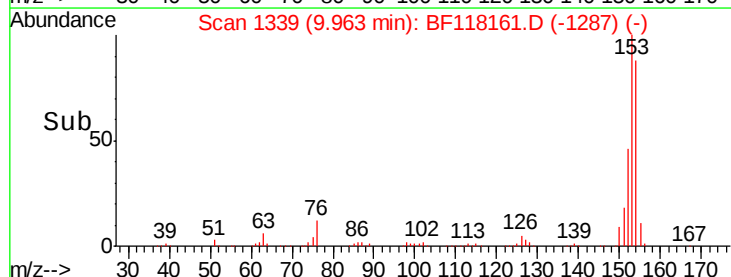
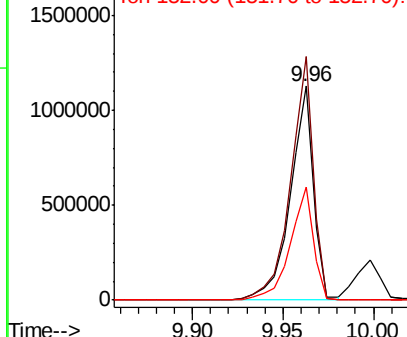


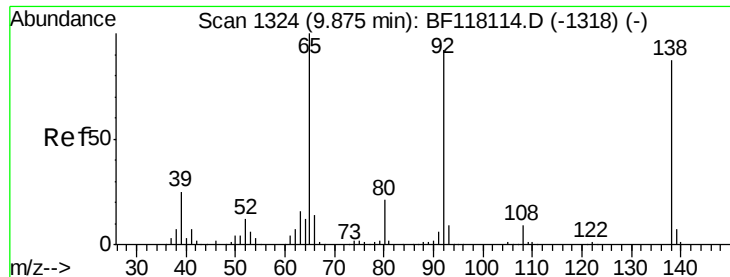
#52
Acenaphthene
Concen: 39.993 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.8	137.6
152	52.8	43.3	64.9



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

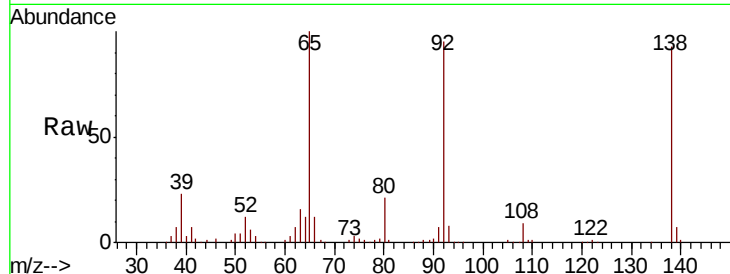




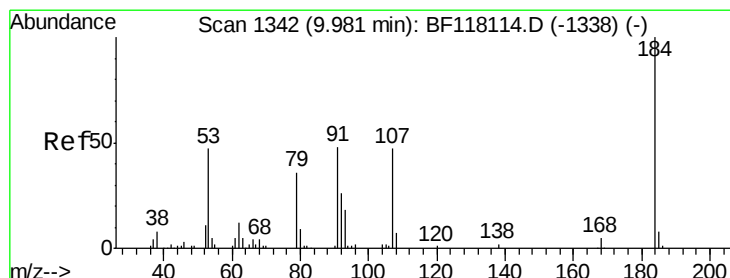
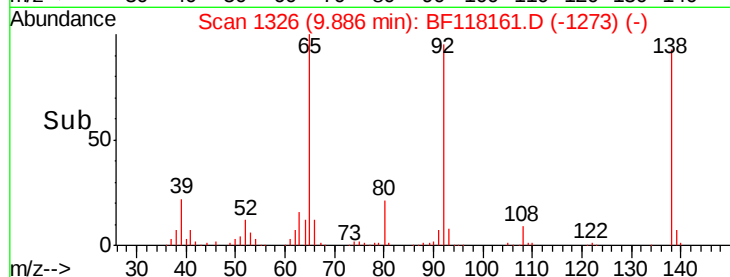
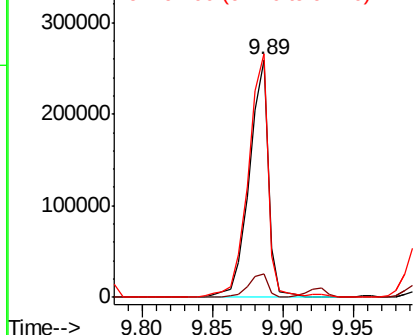
#53
3-Nitroaniline
Concen: 29.604 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 248020
Ion Ratio Lower Upper
138 100
108 9.8 8.2 12.4
92 102.5 84.9 127.3

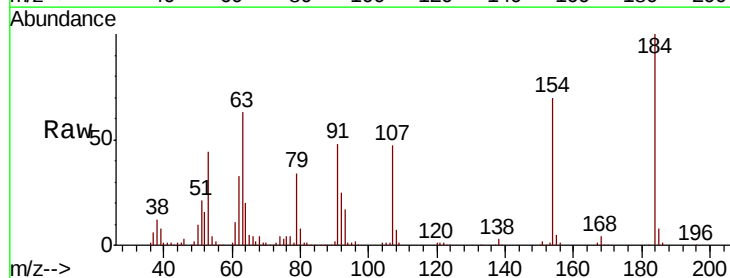


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

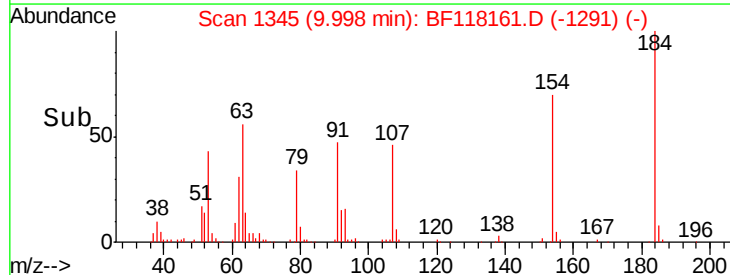
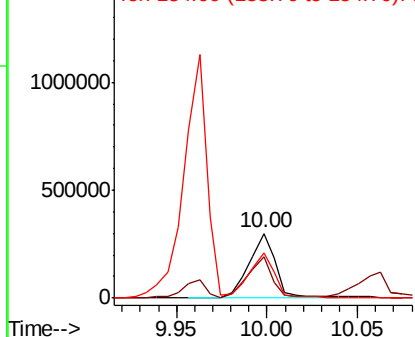


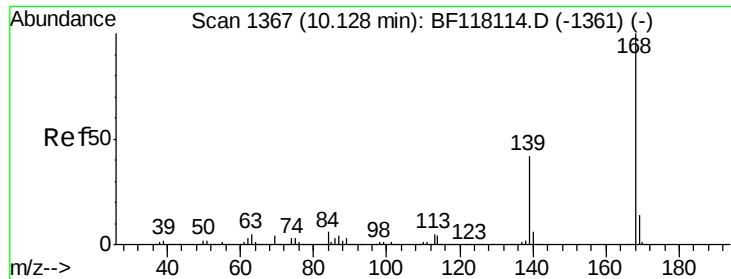
#54
2,4-Dinitrophenol
Concen: 86.719 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.02 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

Tgt Ion:184 Resp: 307140
Ion Ratio Lower Upper
184 100
63 63.4 53.9 80.9
154 70.5 56.3 84.5



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

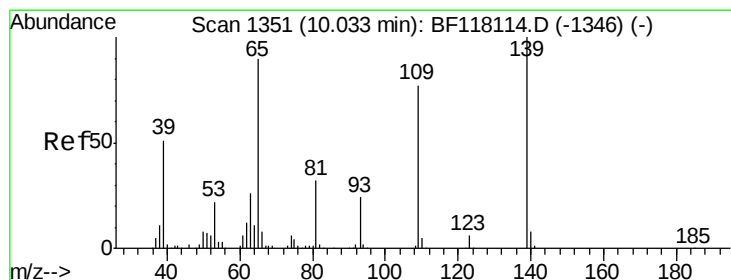
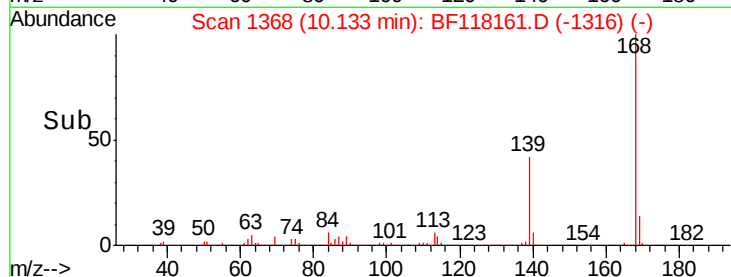
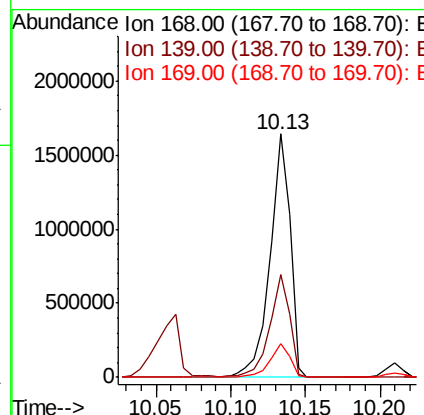
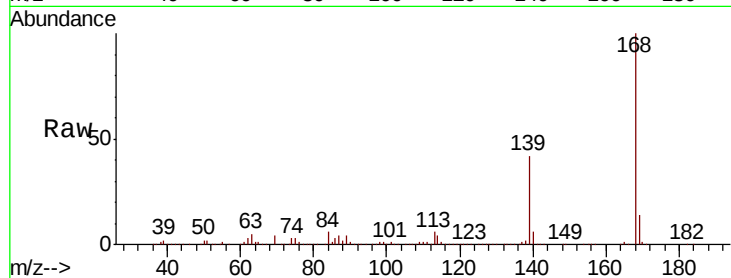




#55
Dibenzenofuran
Concen: 40.900 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

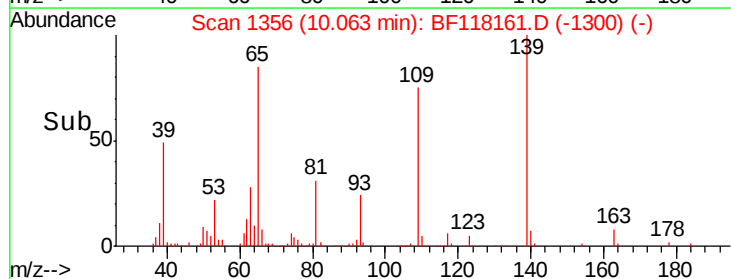
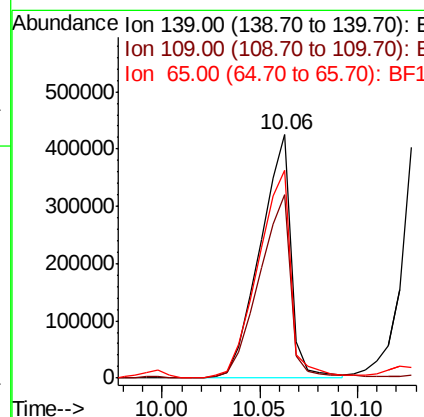
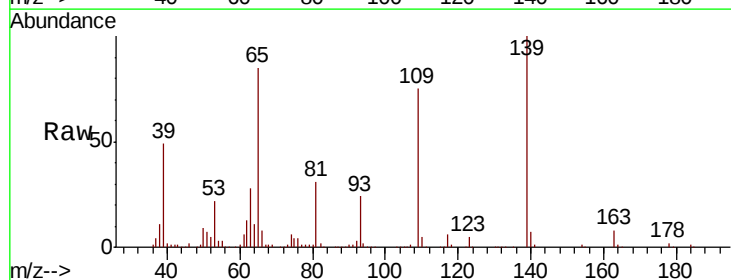
Instrument :
BNA_F
ClientSampleId :

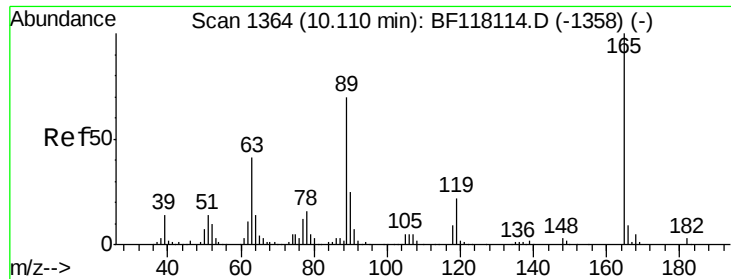
Tot Ion:168 Resp: 1517116
Ion Ratio Lower Upper
168 100
139 42.2 33.4 50.0
169 13.7 11.0 16.6



#56
4-Nitrophenol
Concen: 80.728 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.03 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

Tgt Ion:139 Resp: 469369
Ion Ratio Lower Upper
139 100
109 75.5 57.3 97.3
65 85.3 70.2 110.2

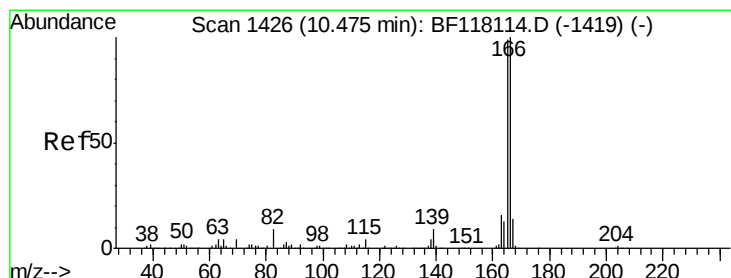
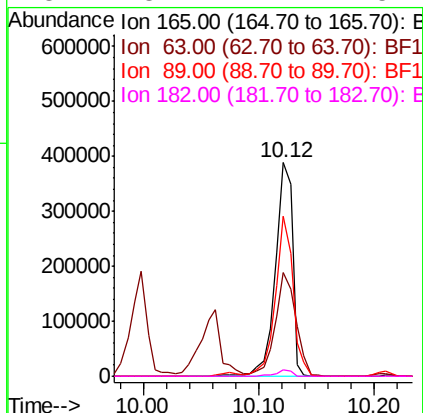
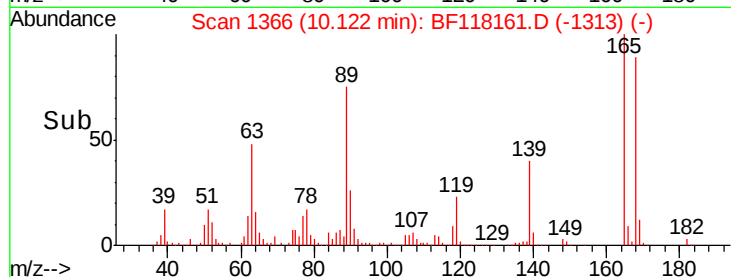
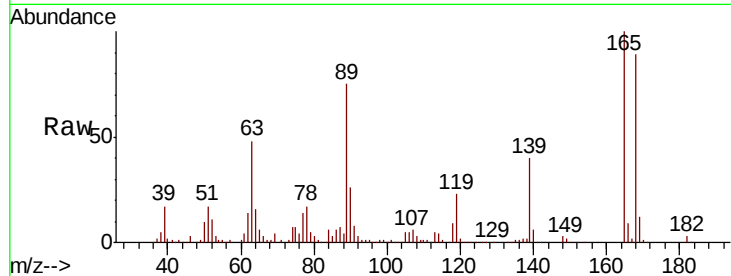




#57
2,4-Dinitrotoluene
Concen: 42.202 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

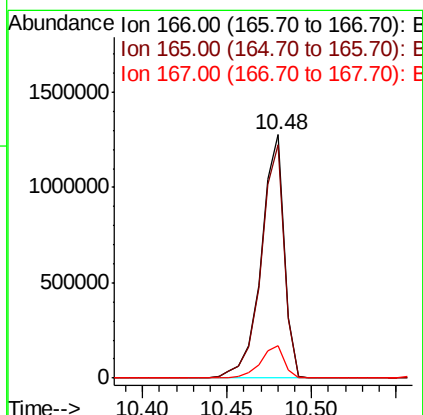
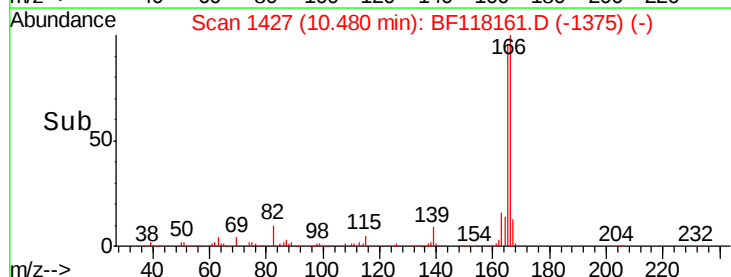
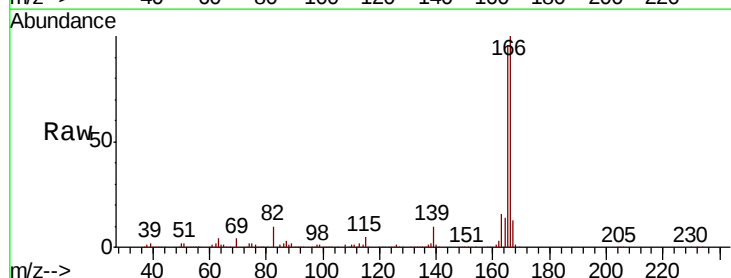
Instrument :
BNA_F
ClientSampled :

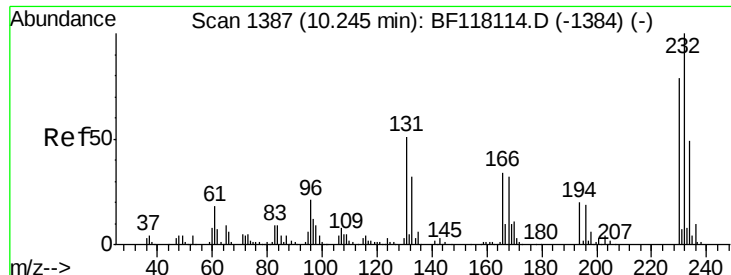
Tot Ion	Ratio	Lower	Upper
165	100		
63	48.5	32.6	49.0
89	74.9	56.1	84.1
182	3.1	2.1	3.1



#58
Fluorene
Concen: 40.918 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.9	79.0	118.4
167	13.2	10.9	16.3

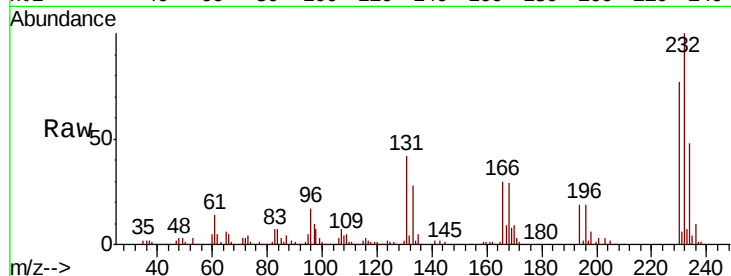




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.846 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.01 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.0	38.8	58.2
130	2.4	1.9	2.9
166	31.7	25.4	38.0



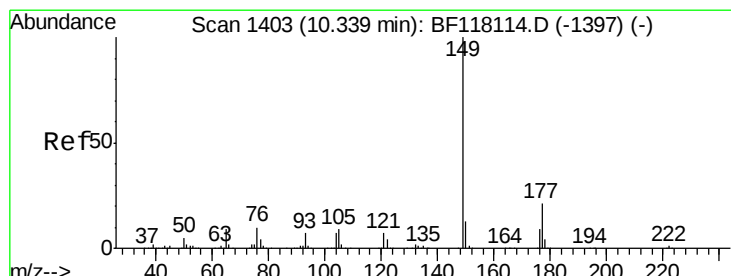
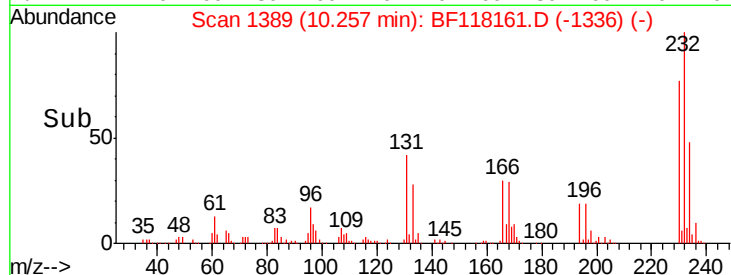
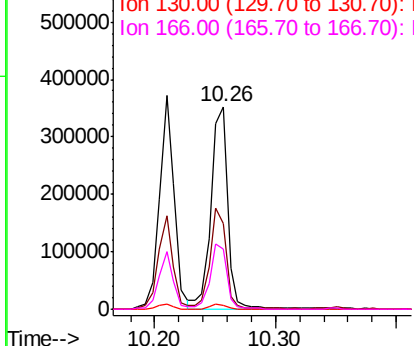
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

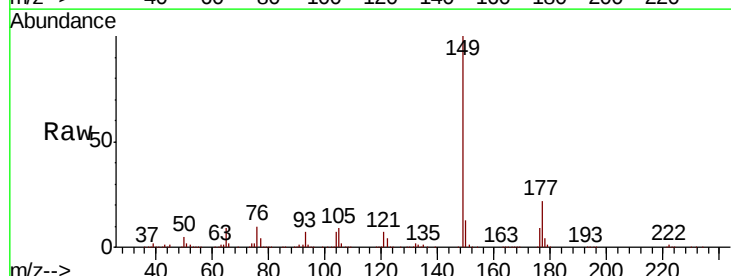
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 40.821 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.0	25.4
150	12.7	10.1	15.1

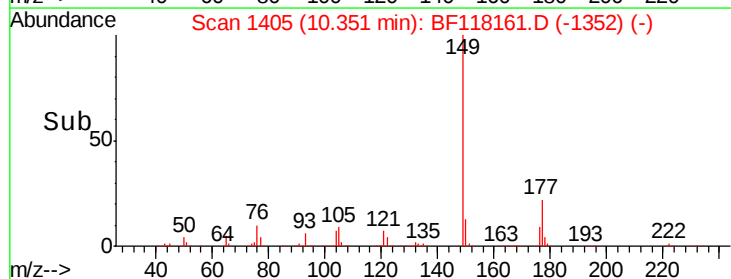
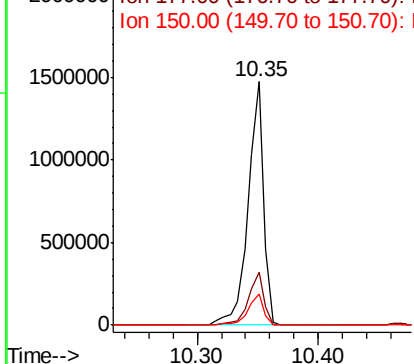


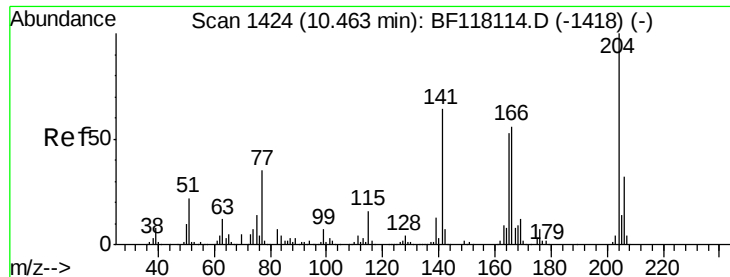
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

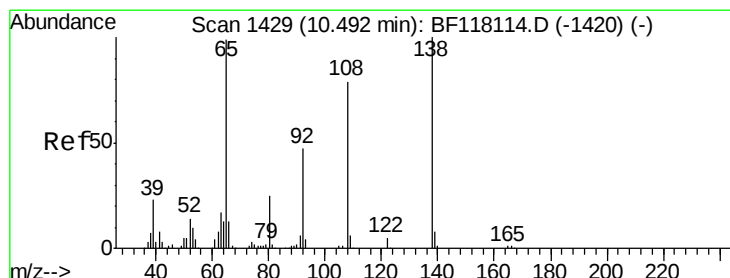
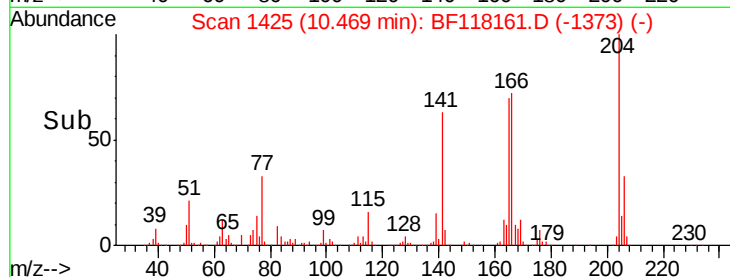
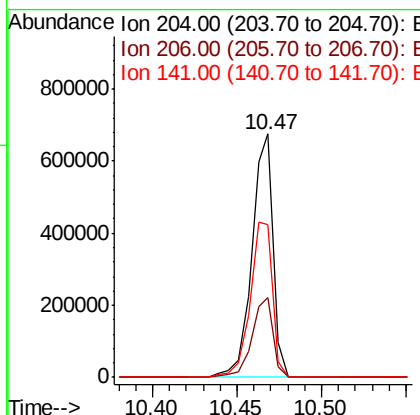
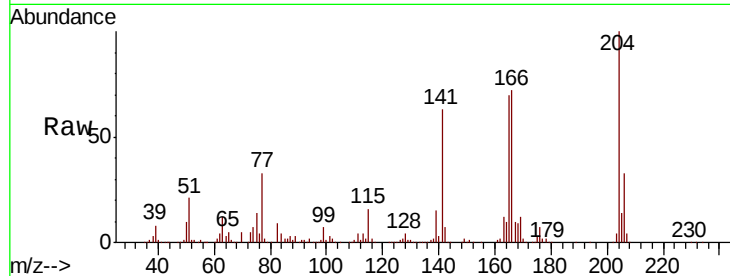




#61
 4-Chlorophenyl-phenylether
 Concen: 39.990 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF118161.D
 Acq: 10 Dec 2019 12:01

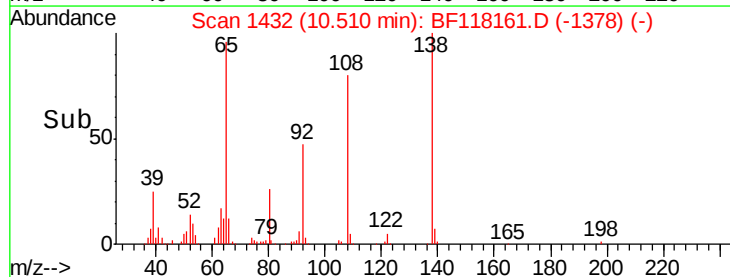
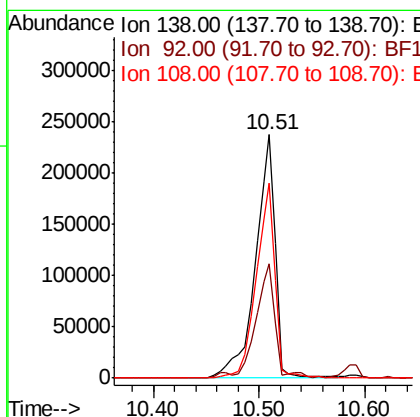
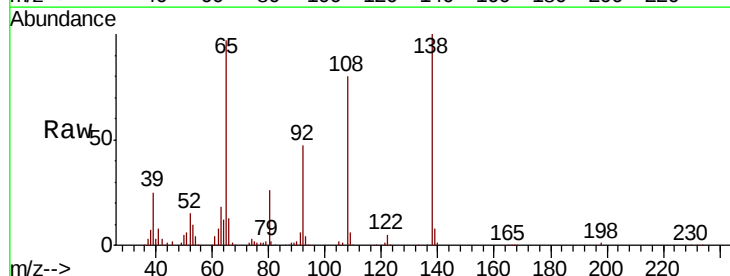
Instrument :
 BNA_F
 ClientSampleId :

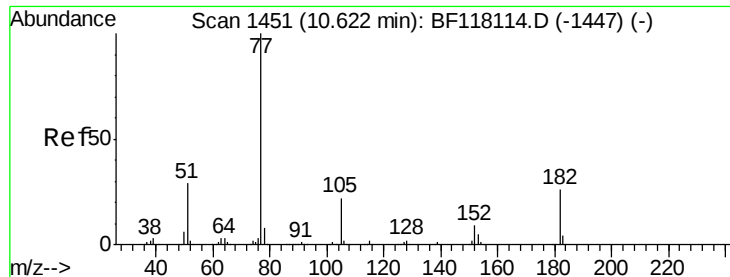
Tot Ion:204 Resp: 593140
 Ion Ratio Lower Upper
 204 100
 206 32.8 26.0 39.0
 141 62.9 51.0 76.6



#62
 4-Nitroaniline
 Concen: 35.915 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.02 min
 Lab File: BF118161.D
 Acq: 10 Dec 2019 12:01

Tgt Ion:138 Resp: 313817
 Ion Ratio Lower Upper
 138 100
 92 47.1 27.1 67.1
 108 79.9 59.0 99.0





#63

Azobenzene

Concen: 41.239 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1135581

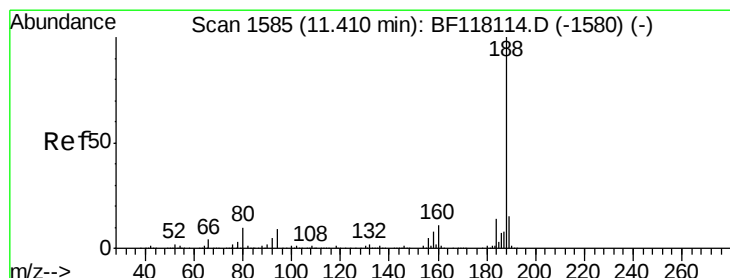
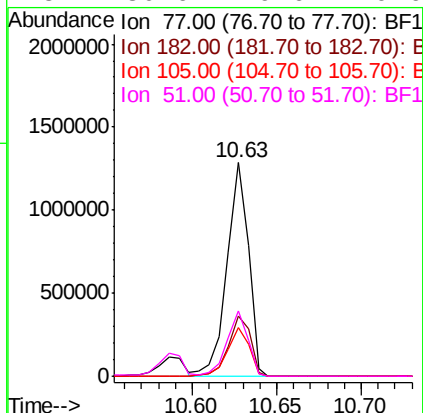
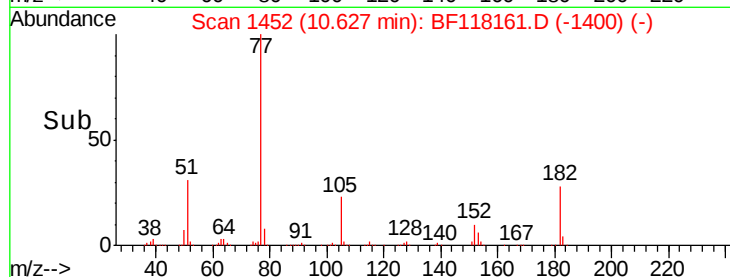
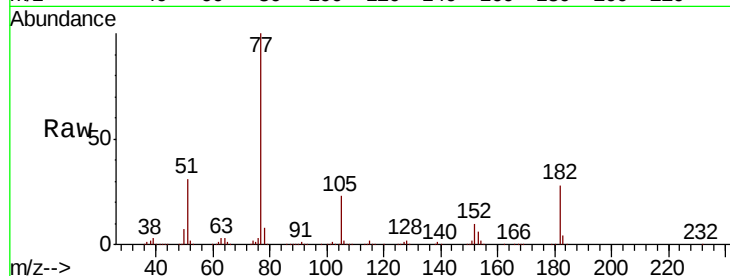
Ion Ratio Lower Upper

77 100

182 27.9 5.7 45.7

105 23.0 2.2 42.2

51 30.6 9.6 49.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

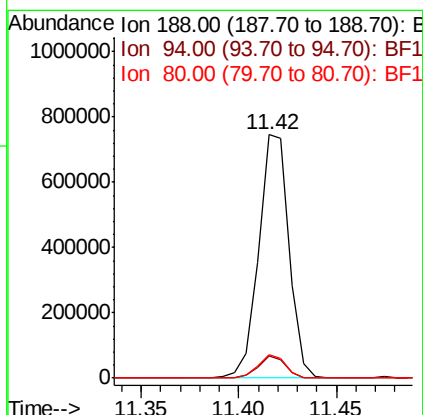
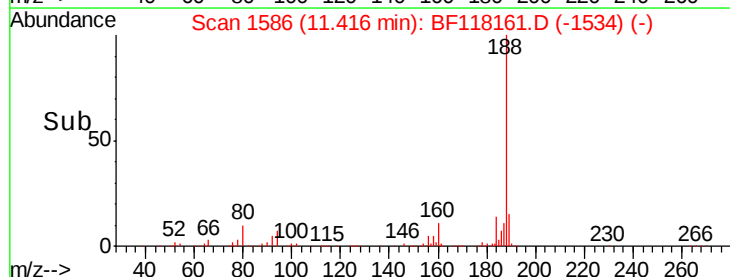
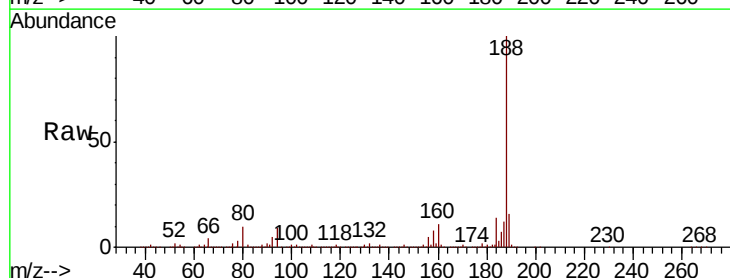
Tgt Ion: 188 Resp: 801644

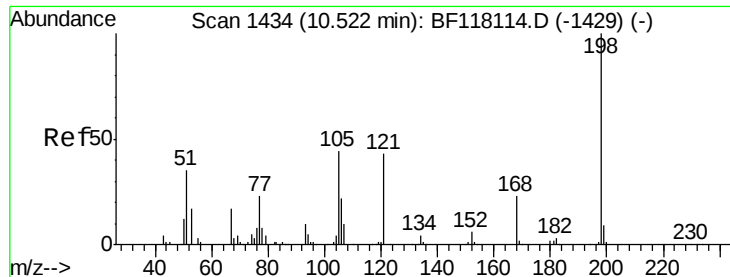
Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

80 9.9 7.9 11.9

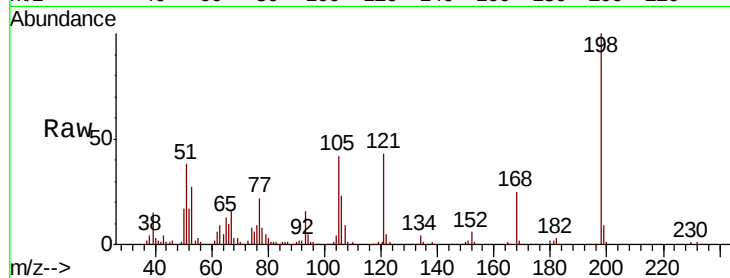




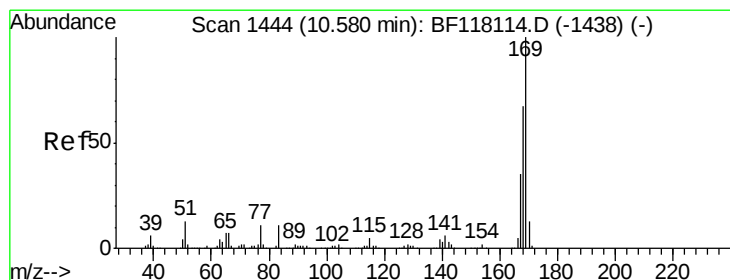
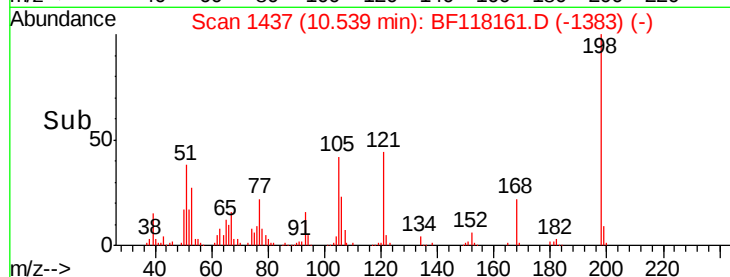
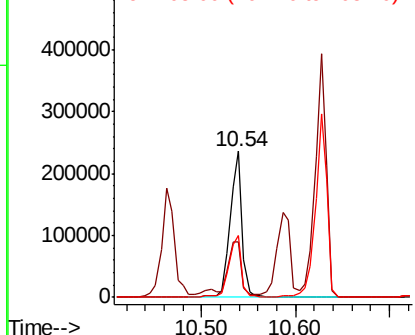
#65
4,6-Dinitro-2-methylphenol
Concen: 47.090 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.02 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 208474
Ion Ratio Lower Upper
198 100
51 37.5 22.0 62.0
105 42.0 25.6 65.6

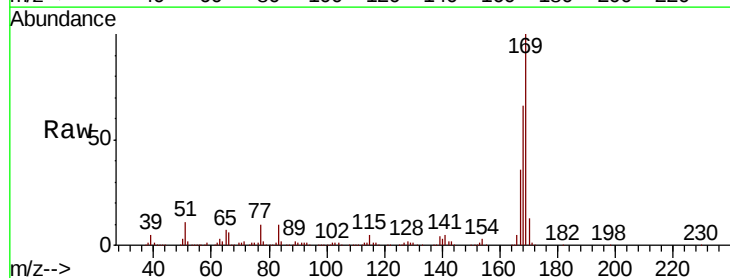


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

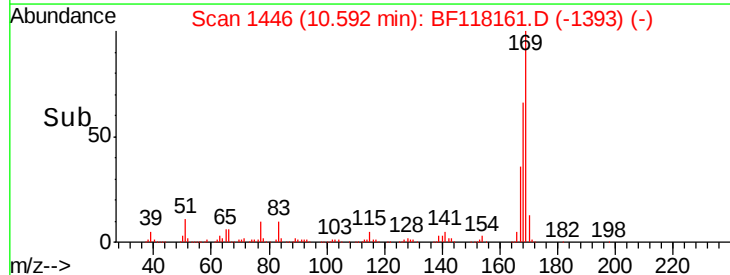
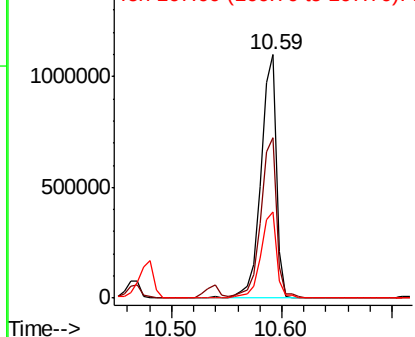


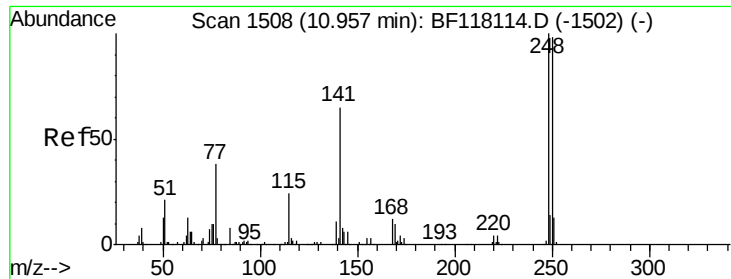
#66
n-Nitrosodiphenylamine
Concen: 43.279 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

Tgt Ion:169 Resp: 1083454
Ion Ratio Lower Upper
169 100
168 65.9 53.4 80.2
167 35.6 28.4 42.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

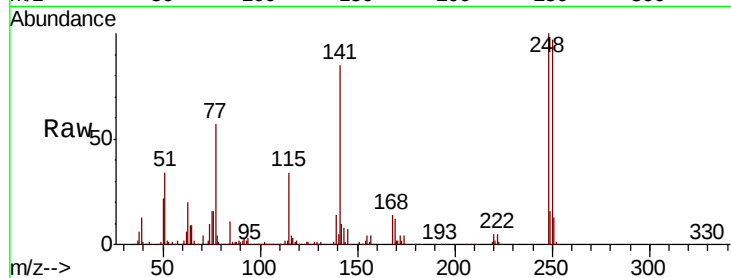




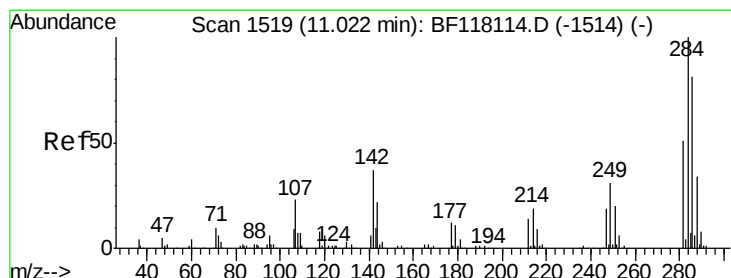
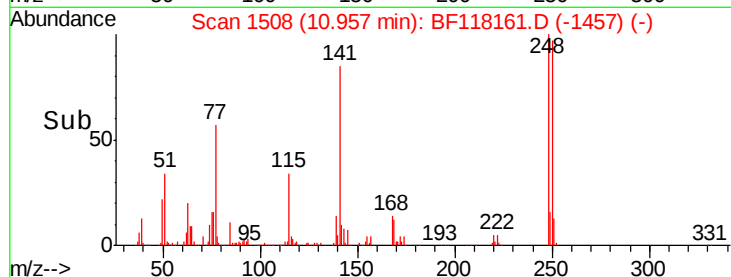
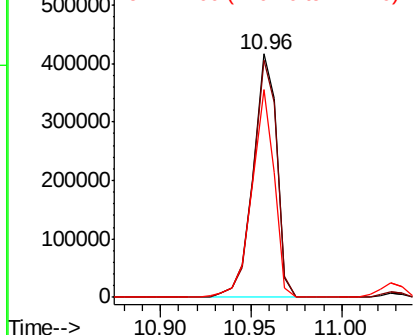
#67
4-Bromophenyl-phenylether
Concen: 41.427 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 379099
Ion Ratio Lower Upper
248 100
250 97.5 78.3 117.5
141 85.1 52.2 78.4#

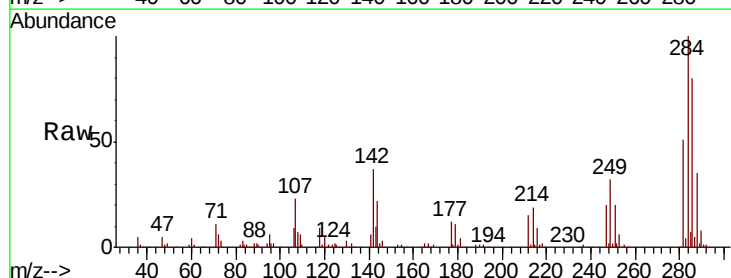


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

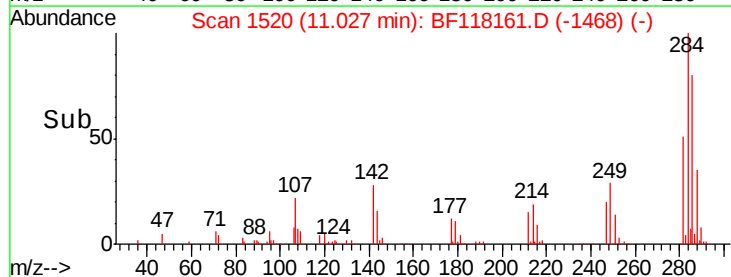
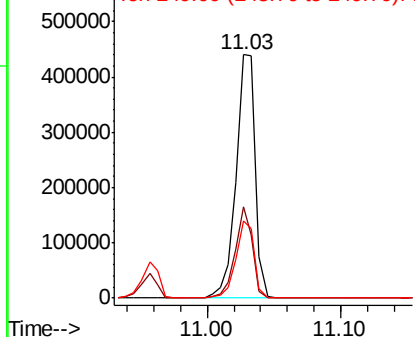


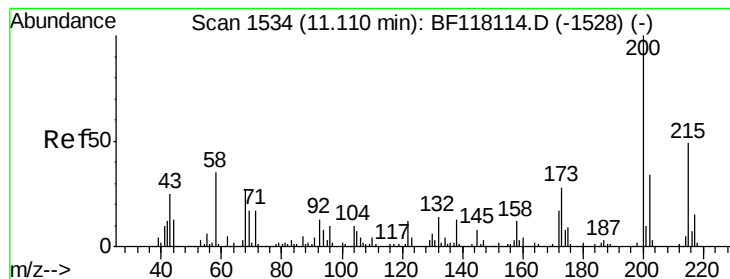
#68
Hexachlorobenzene
Concen: 41.195 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

Tgt Ion:284 Resp: 443705
Ion Ratio Lower Upper
284 100
142 37.3 29.7 44.5
249 31.8 24.6 37.0



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: 57.852 ng

RT: 11.12 min Scan# 1536

Delta R.T. 0.01 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

Instrument :

BNA_F

ClientSampled :

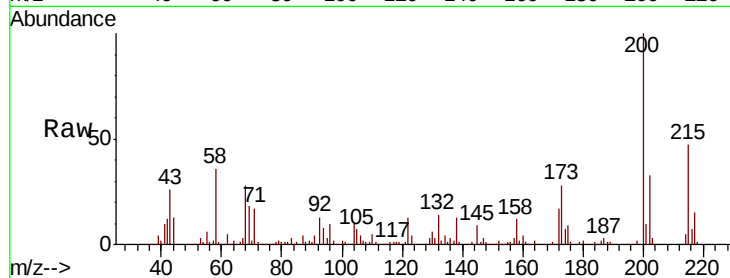
Tot Ion:200 Resp: 347544

Ion Ratio Lower Upper

200 100

173 28.0 8.1 48.1

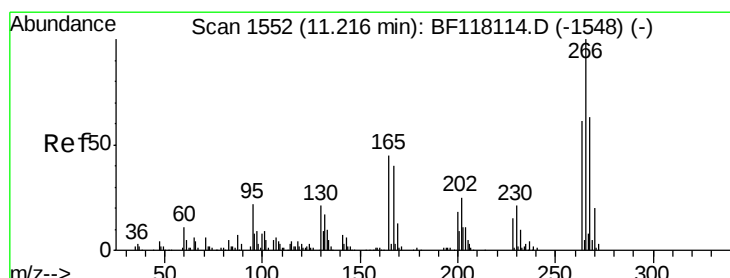
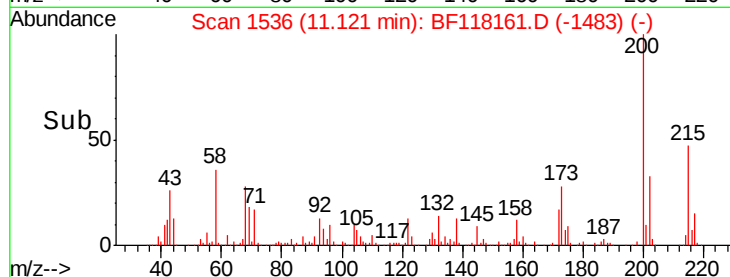
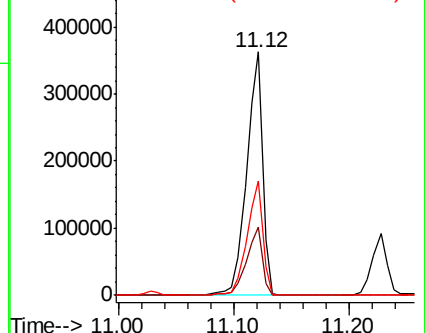
215 47.2 29.0 69.0



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: 93.439 ng

RT: 11.23 min Scan# 1554

Delta R.T. 0.01 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

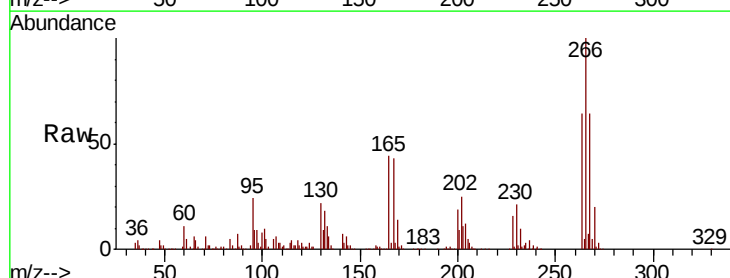
Tgt Ion:266 Resp: 473291

Ion Ratio Lower Upper

266 100

268 63.9 50.7 76.1

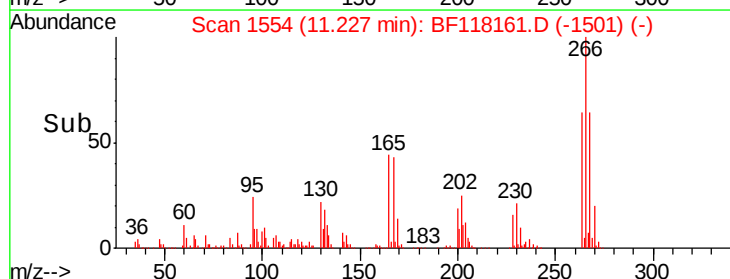
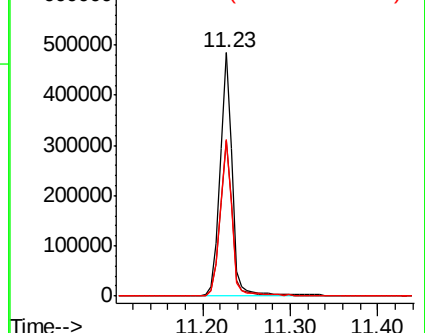
264 64.2 48.7 73.1

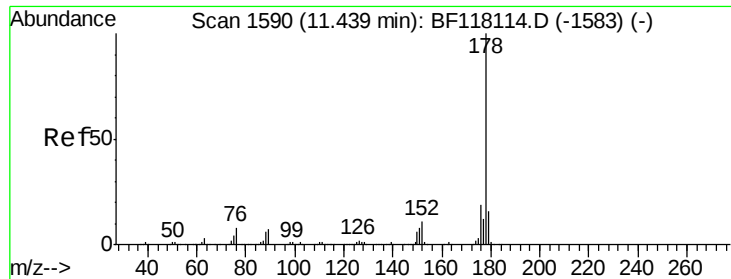


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.757 ng

RT: 11.44 min Scan# 1591

Delta R.T. 0.01 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

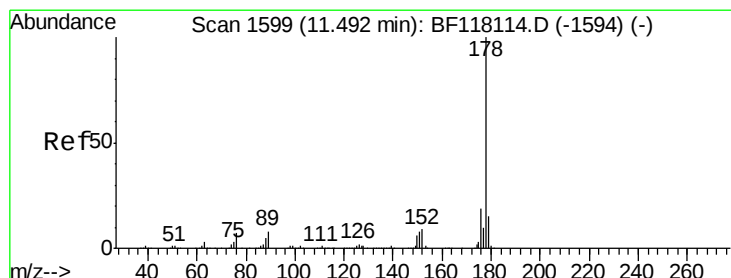
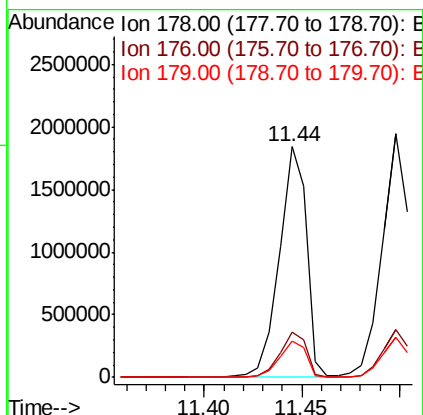
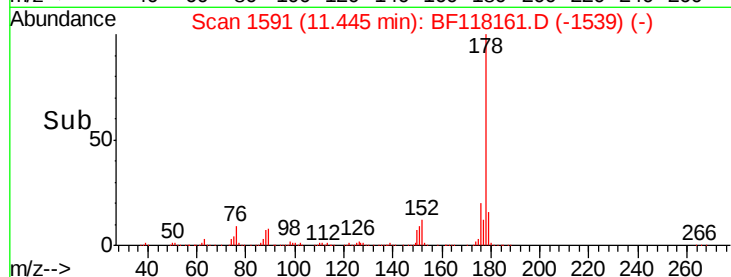
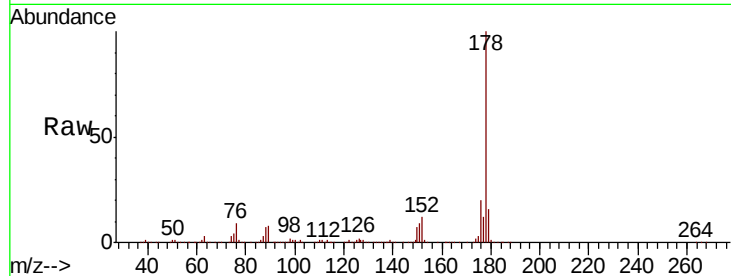
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1779441

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	16.0	12.6	18.8



#72

Anthracene

Concen: 42.529 ng

RT: 11.50 min Scan# 1600

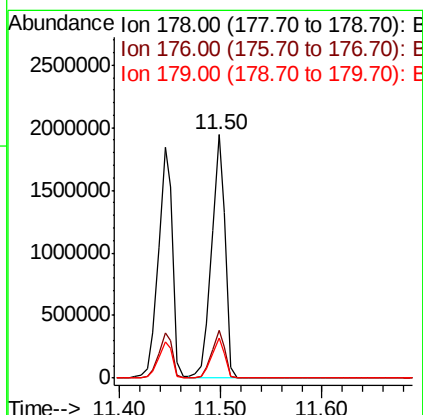
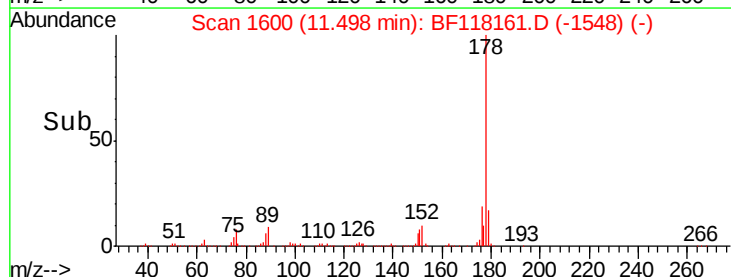
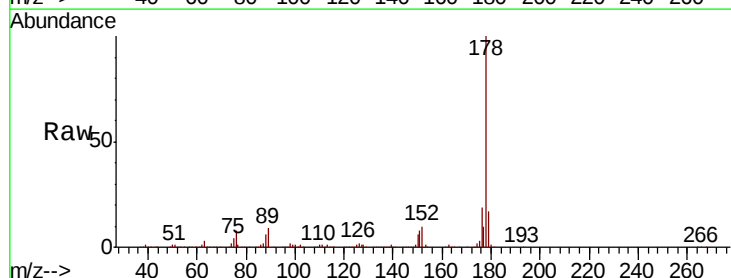
Delta R.T. 0.01 min

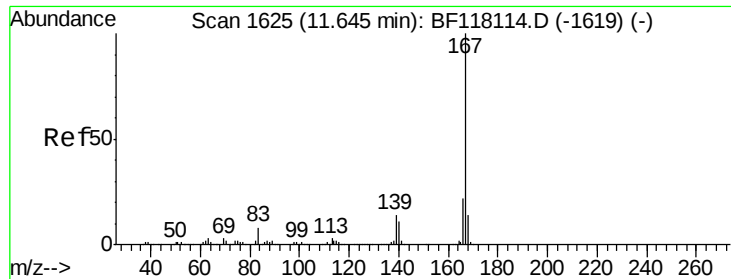
Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

Tgt Ion:178 Resp: 1807956

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.0	22.6
179	16.6	12.2	18.4

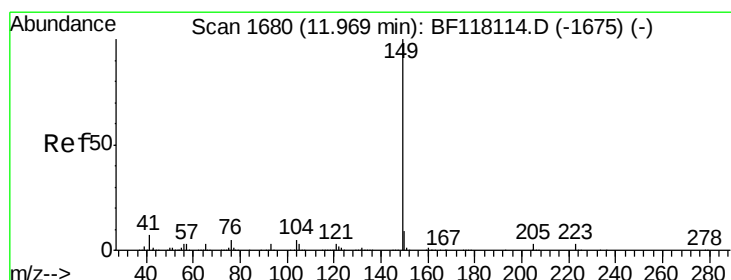
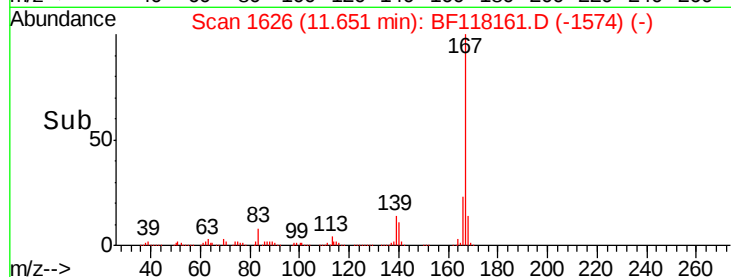
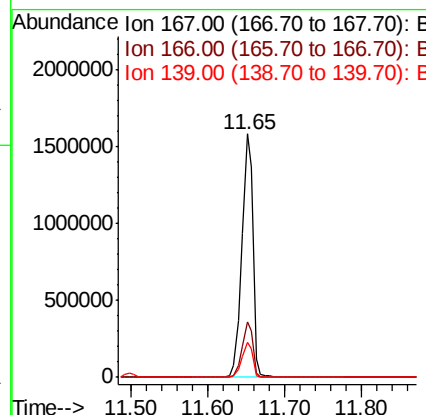
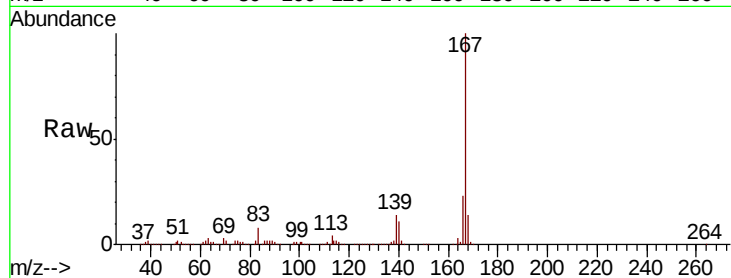




#73
 Carbazole
 Concen: 42.162 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.01 min
 Lab File: BF118161.D
 Acq: 10 Dec 2019 12:01

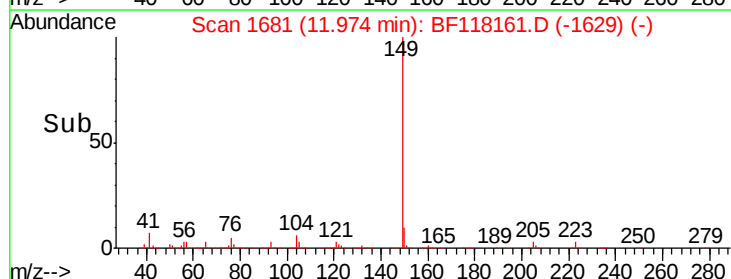
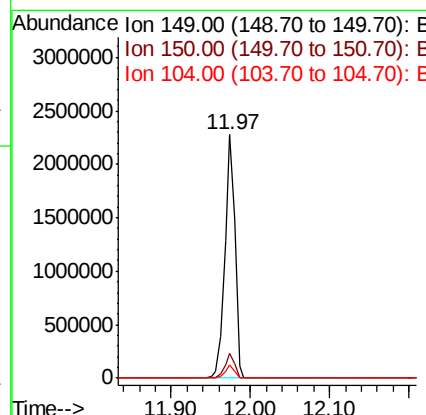
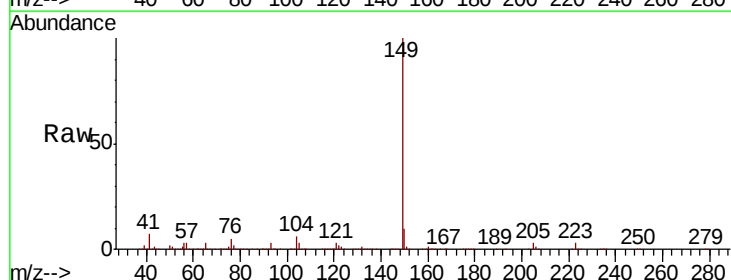
Instrument :
 BNA_F
 ClientSampleId :

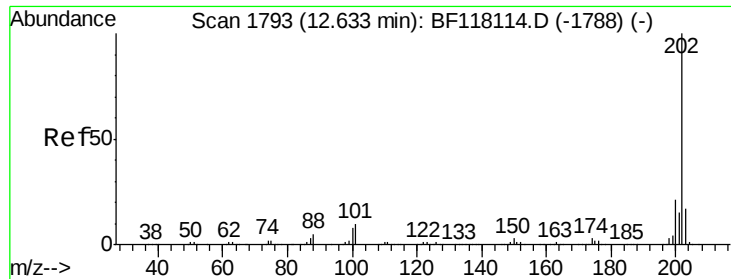
Tot Ion:167 Resp: 1608133
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.4 26.2
 139 14.4 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 41.848 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. 0.01 min
 Lab File: BF118161.D
 Acq: 10 Dec 2019 12:01

Tgt Ion:149 Resp: 1997607
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.4 11.2
 104 5.6 4.3 6.5

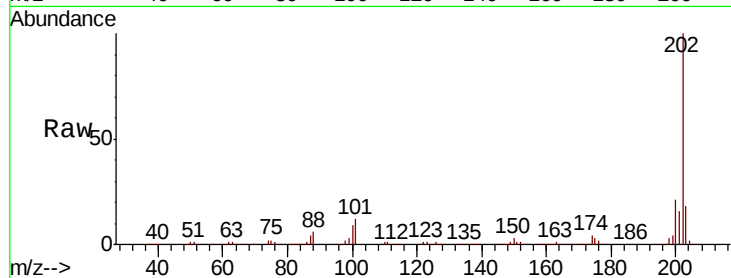




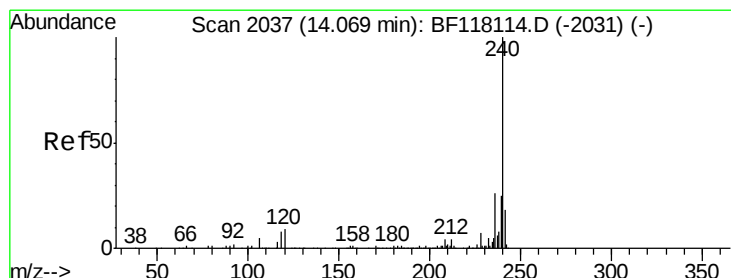
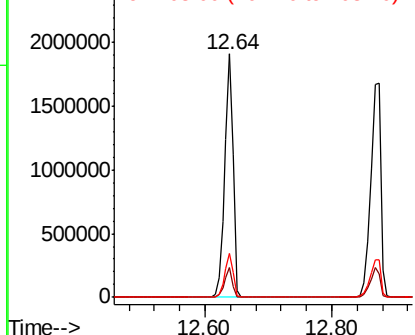
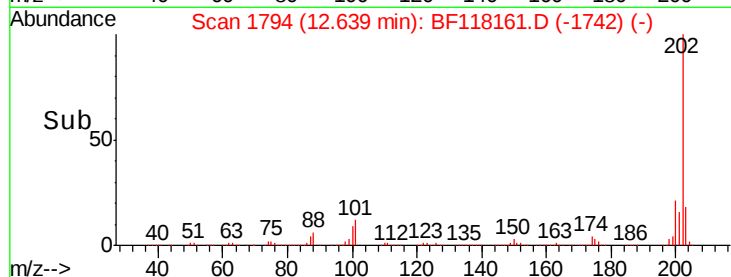
#75
Fluoranthene
Concen: 41.665 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.01 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 1815315
Ion Ratio Lower Upper
202 100
101 12.1 0.0 30.4
203 18.0 0.0 37.2

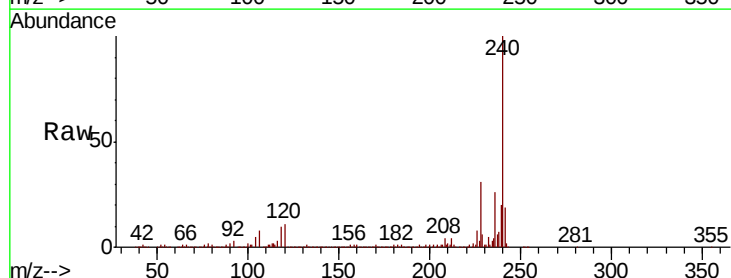


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

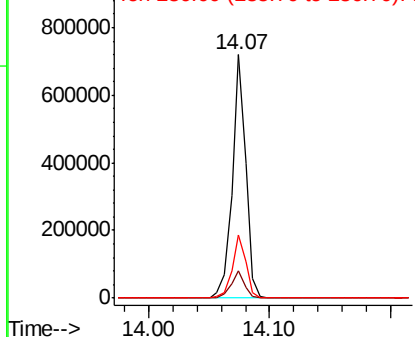
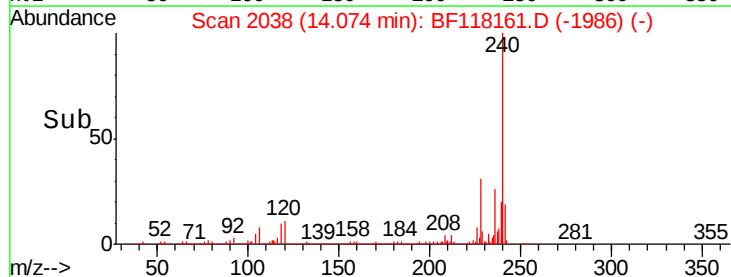


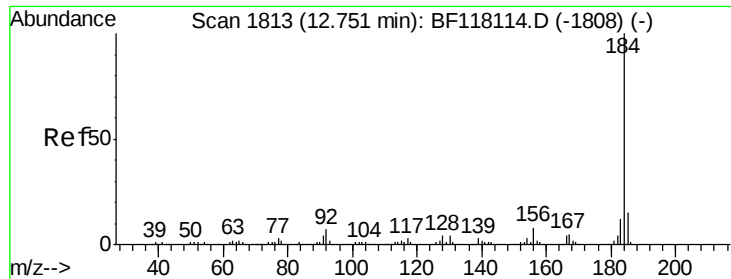
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.01 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

Tgt Ion:240 Resp: 558329
Ion Ratio Lower Upper
240 100
120 11.0 7.1 10.7#
236 25.7 21.0 31.6



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: 34.570 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

Instrument :

BNA_F

ClientSampleId :

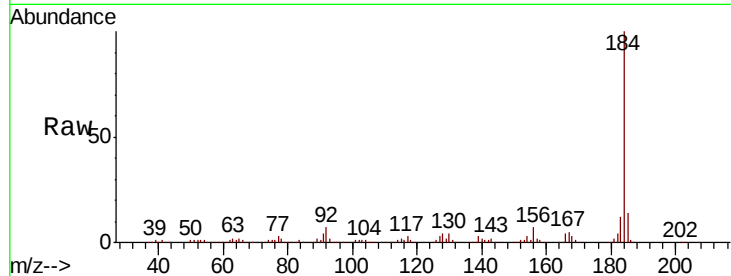
Tot Ion:184 Resp: 508115

Ion Ratio Lower Upper

184 100

185 14.3 12.3 18.5

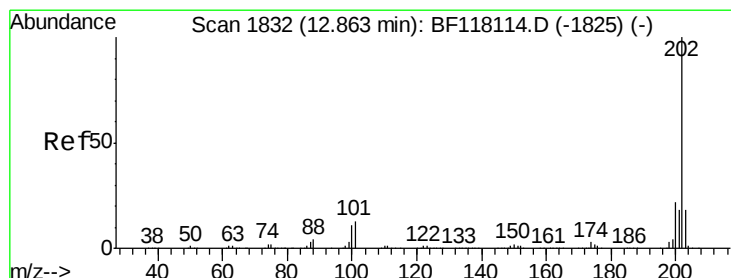
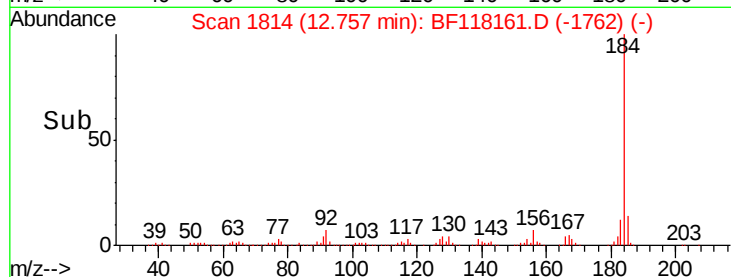
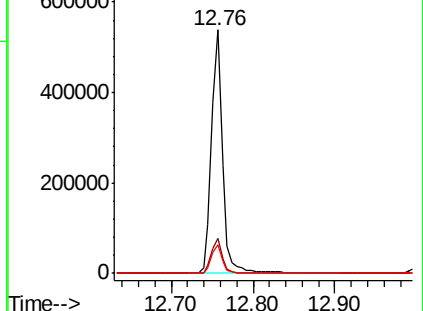
183 12.0 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.446 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.01 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

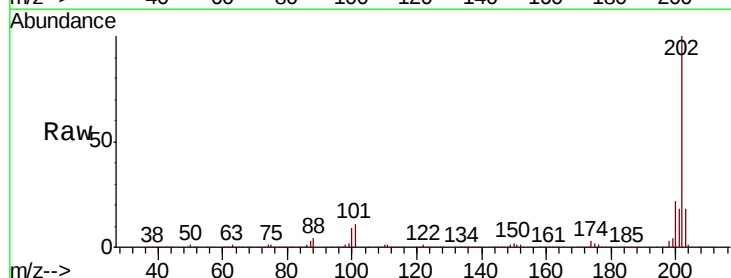
Tgt Ion:202 Resp: 1823571

Ion Ratio Lower Upper

202 100

200 21.6 17.5 26.3

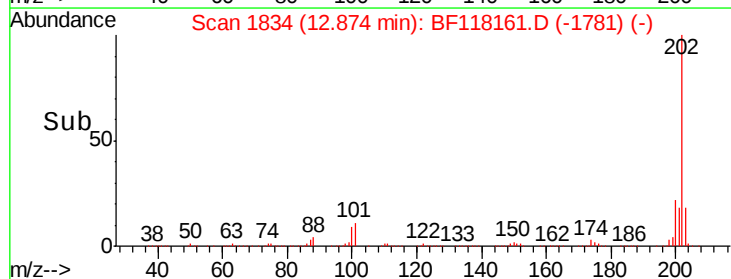
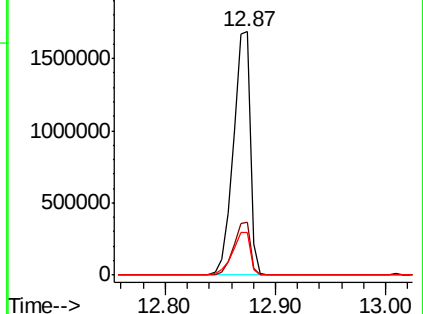
203 17.5 14.6 21.8

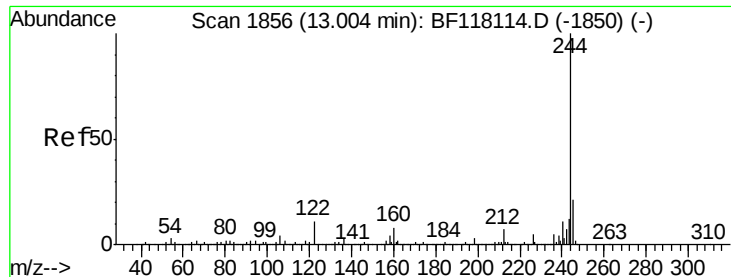


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.693 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

Instrument :

BNA_F

ClientSampled :

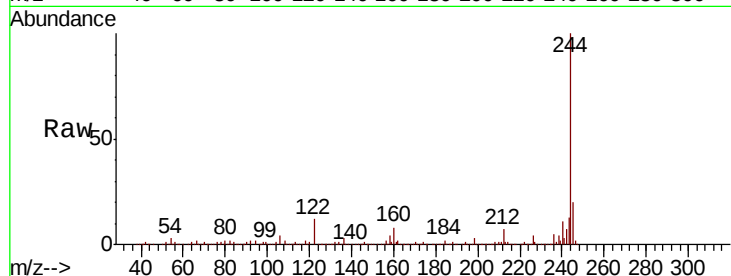
Tot Ion:244 Resp: 2132911

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

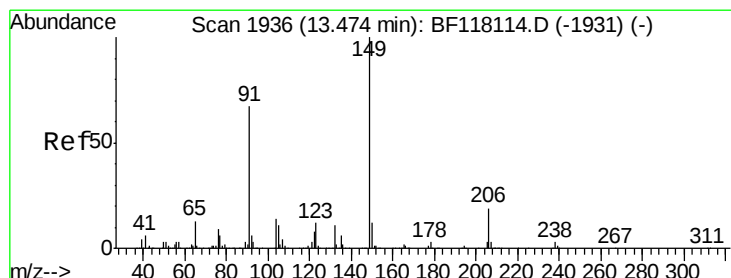
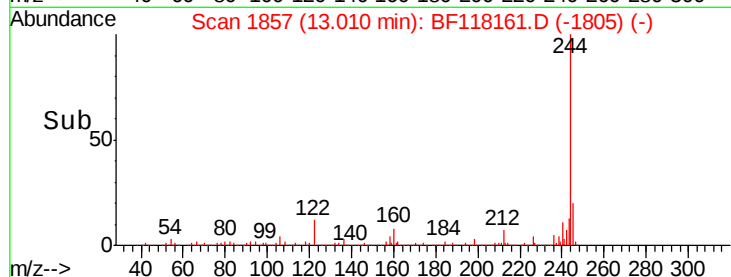
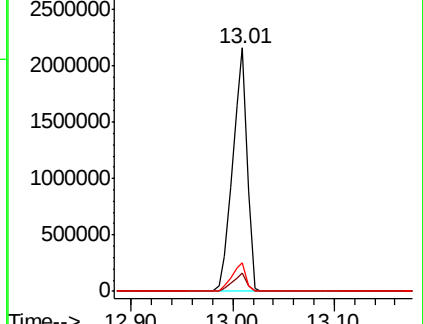
122 11.5 9.0 13.6



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: 42.306 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

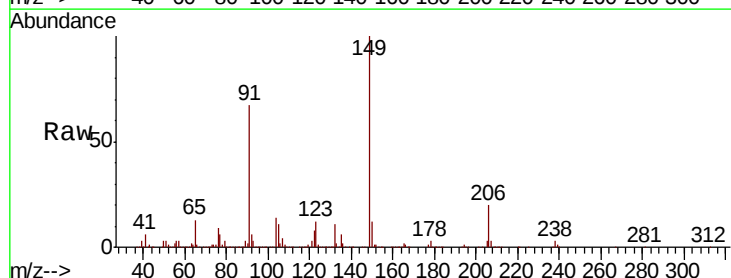
Tgt Ion:149 Resp: 843000

Ion Ratio Lower Upper

149 100

91 66.7 53.9 80.9

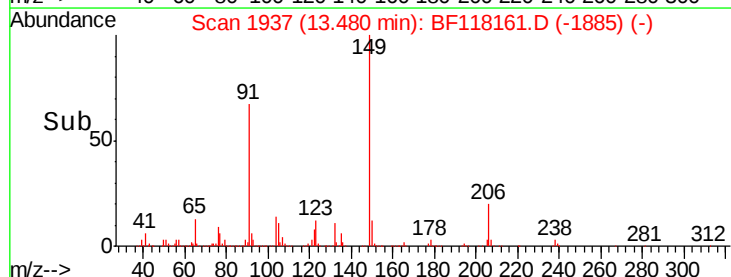
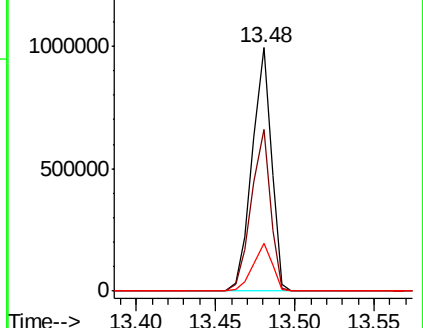
206 19.6 15.2 22.8

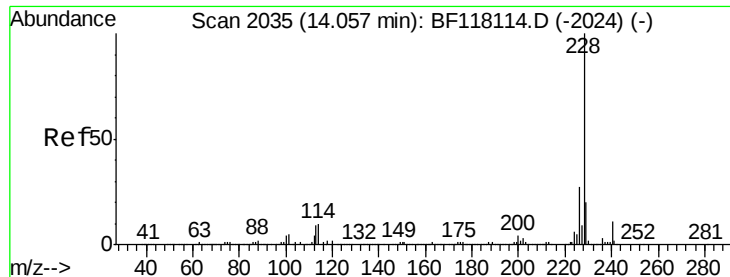


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.781 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

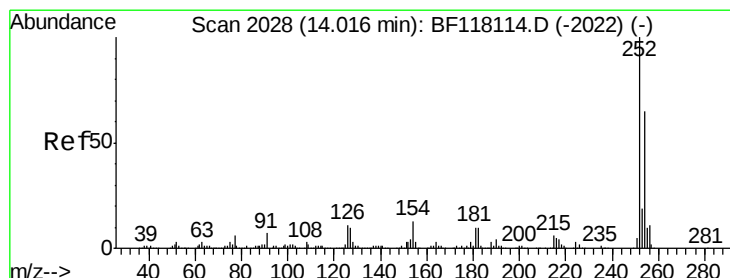
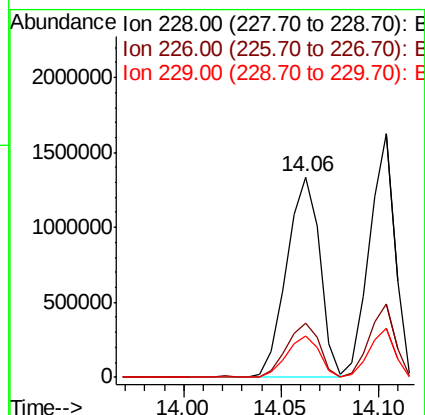
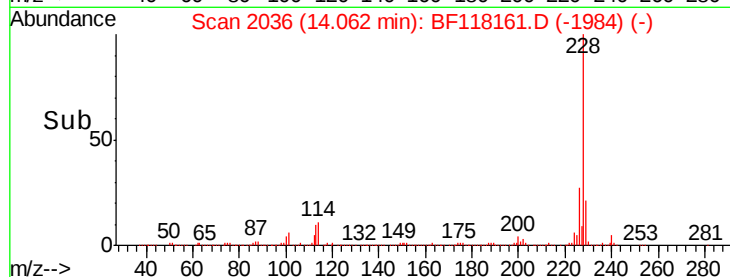
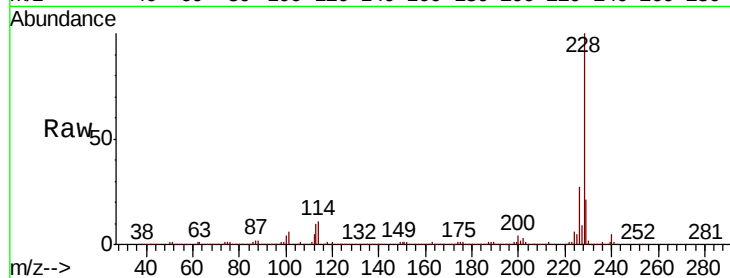
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 1574436

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.8
229	20.5	15.8	23.8



#82

3,3'-Dichlorobenzidine

Concen: 38.652 ng

RT: 14.02 min Scan# 2029

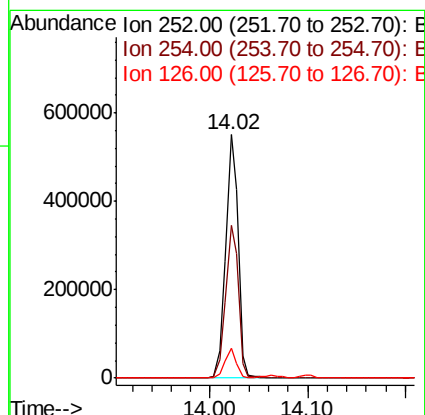
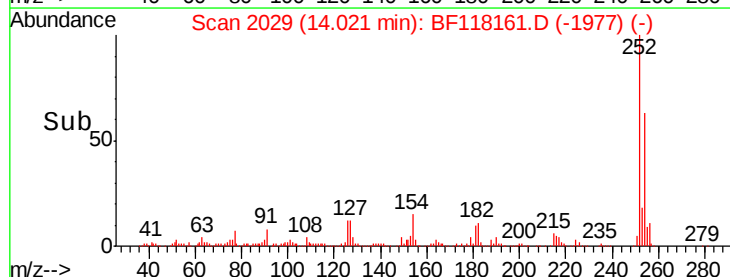
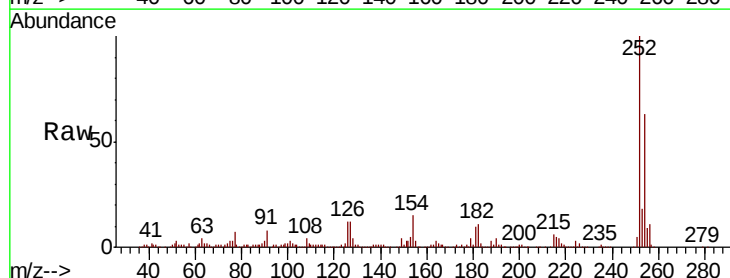
Delta R.T. 0.01 min

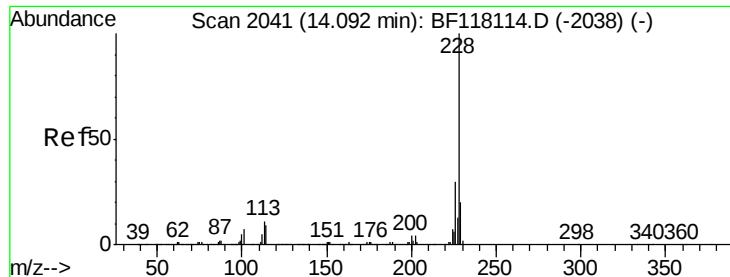
Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

Tgt Ion:252 Resp: 490076

Ion	Ratio	Lower	Upper
252	100		
254	62.7	52.2	78.4
126	12.2	8.6	13.0





#83

Chrvsene

Concen: 39.824 ng

RT: 14.10 min Scan# 2043

Delta R.T. 0.01 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

Instrument :

BNA_F

ClientSampleId :

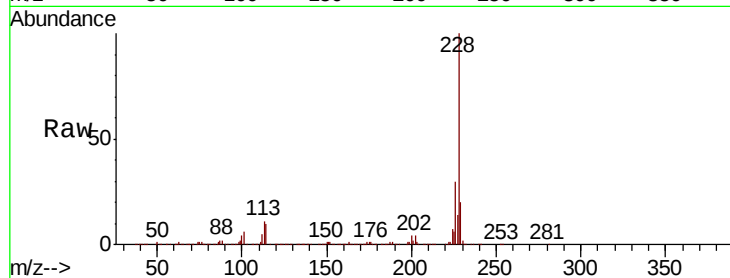
Tot Ion:228 Resp: 1468638

Ion Ratio Lower Upper

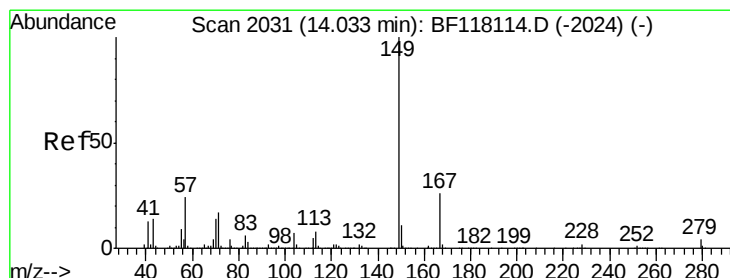
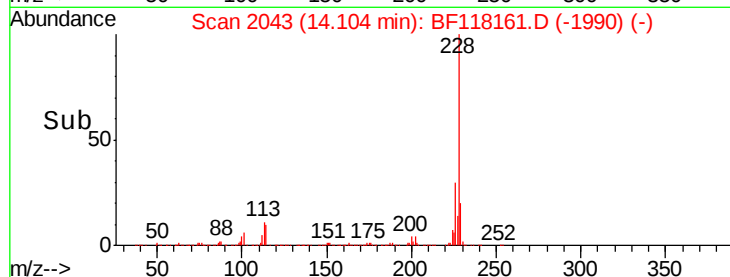
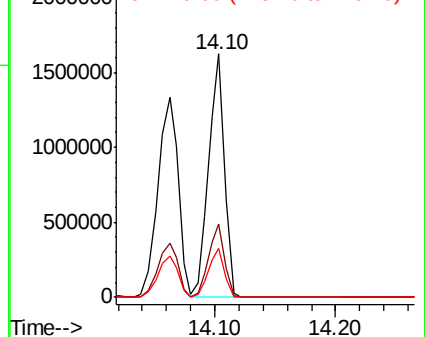
228 100

226 30.2 23.8 35.8

229 20.4 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.951 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

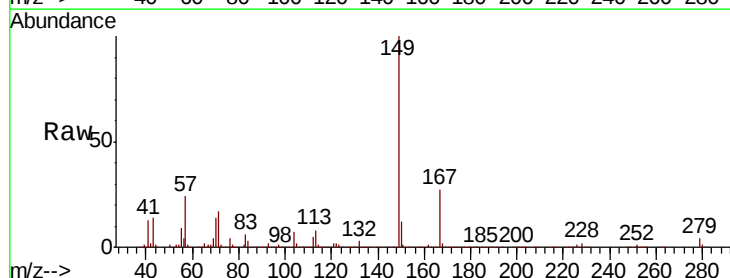
Tgt Ion:149 Resp: 1128544

Ion Ratio Lower Upper

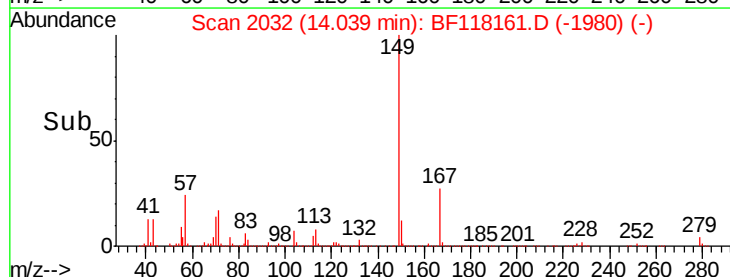
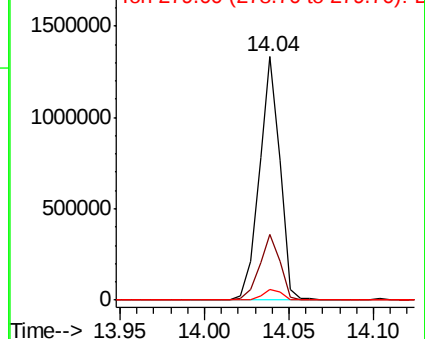
149 100

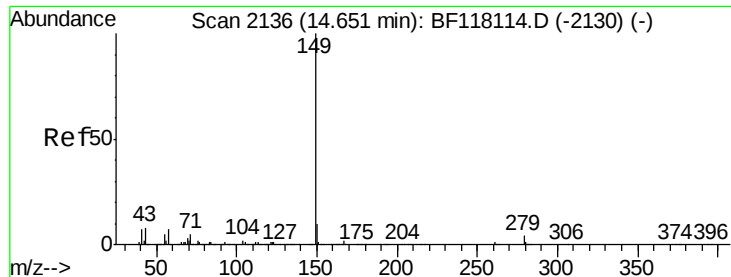
167 26.9 20.8 31.2

279 4.2 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.444 ng

RT: 14.66 min Scan# 2137

Delta R.T. 0.01 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

Instrument :

BNA_F

ClientSampled :

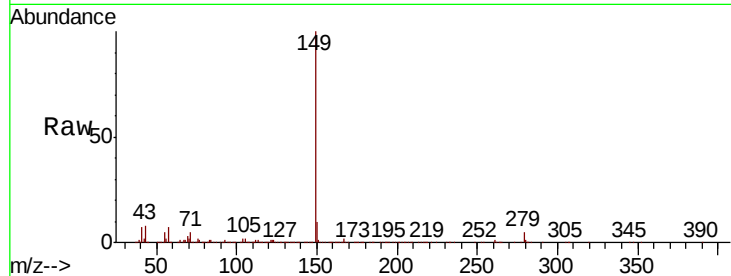
Tot Ion:149 Resp: 1768950

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

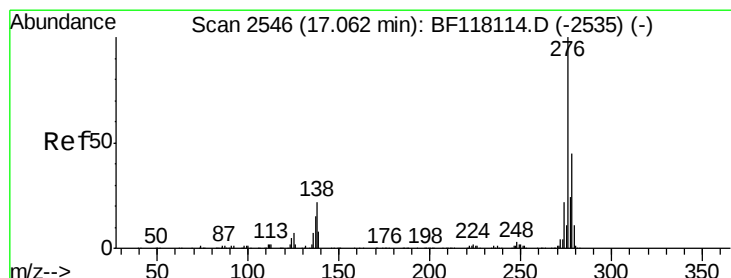
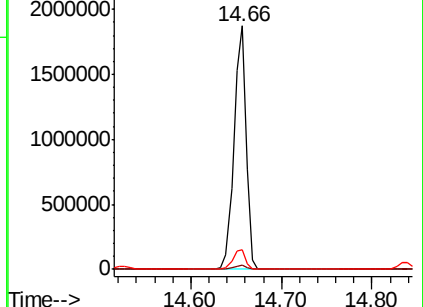
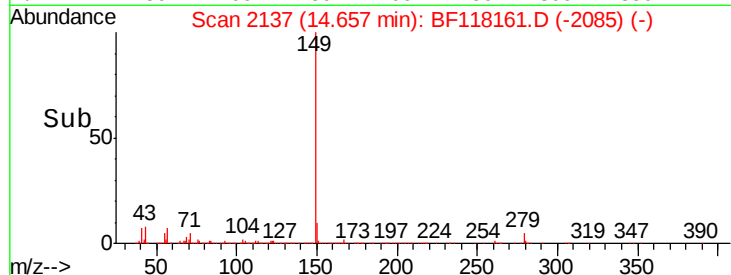
43 8.2 6.5 9.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.131 ng

RT: 17.09 min Scan# 2550

Delta R.T. 0.02 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

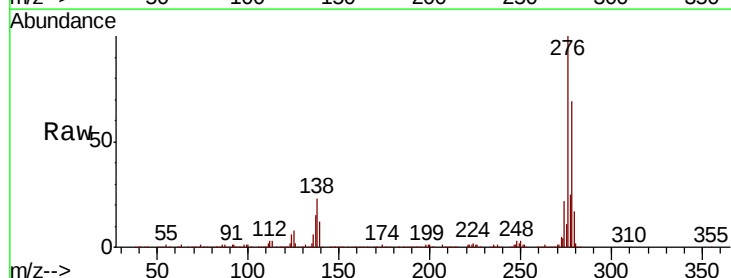
Tgt Ion:276 Resp: 1121127

Ion Ratio Lower Upper

276 100

138 23.0 18.9 28.3

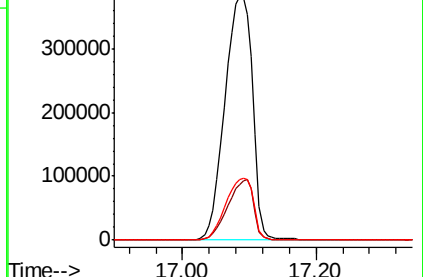
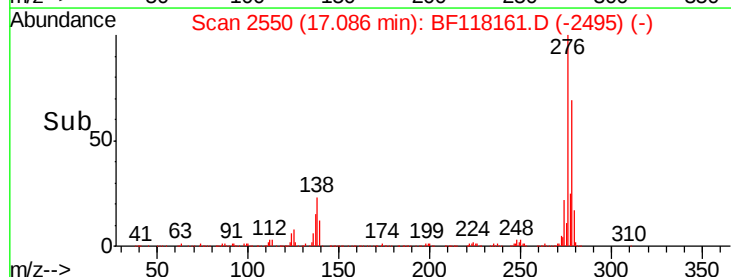
277 25.5 20.4 30.6

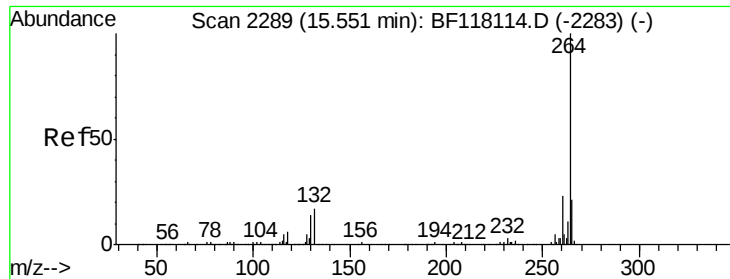


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

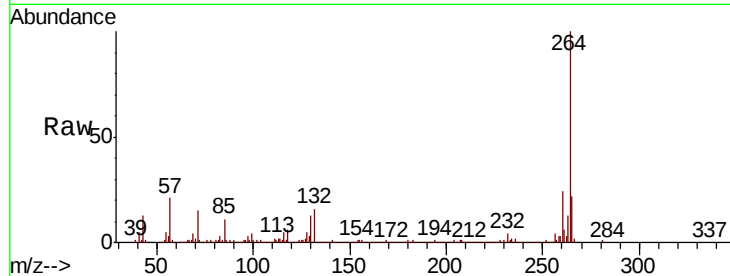




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.01 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	28.0
265	21.7	16.8	25.2

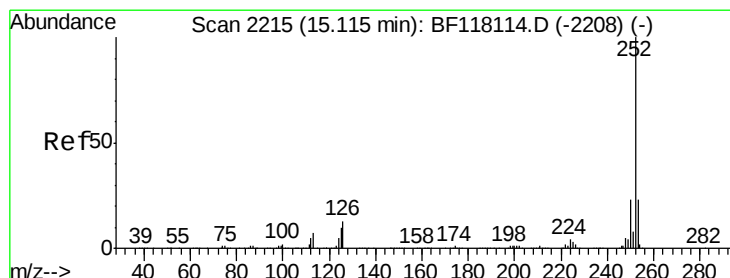
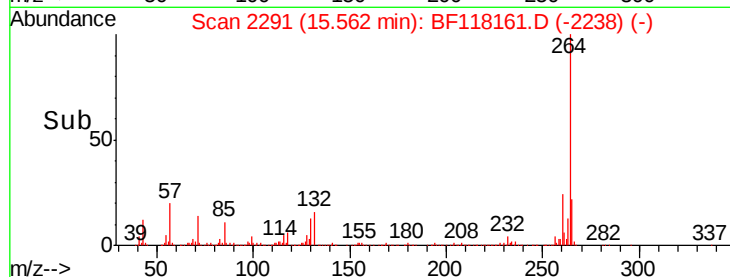
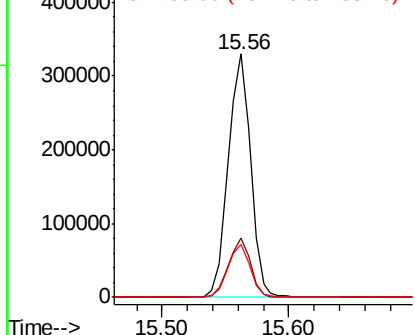


Abundance

Ion 264.00 (263.70 to 264.70): E

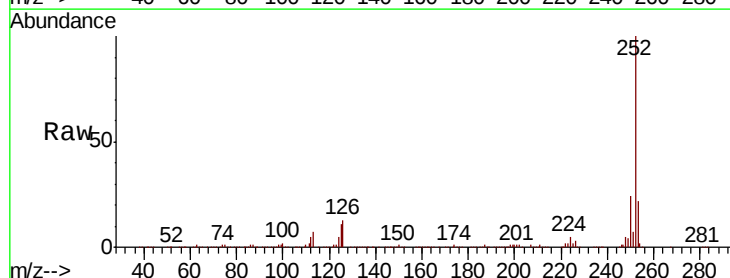
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 46.538 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	10.6	8.3	12.5

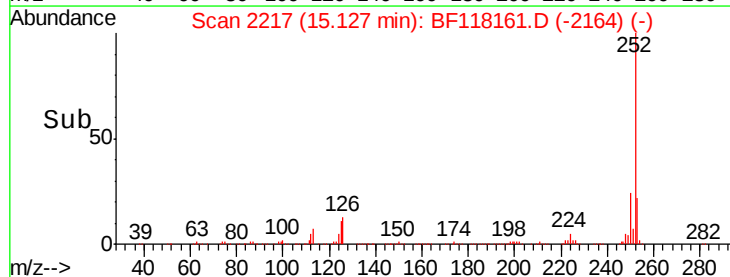
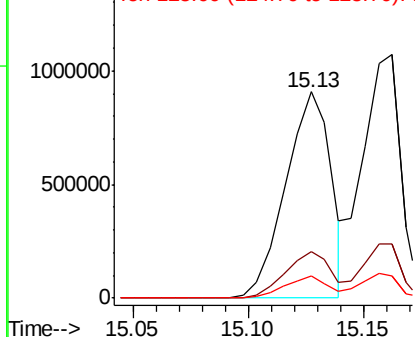


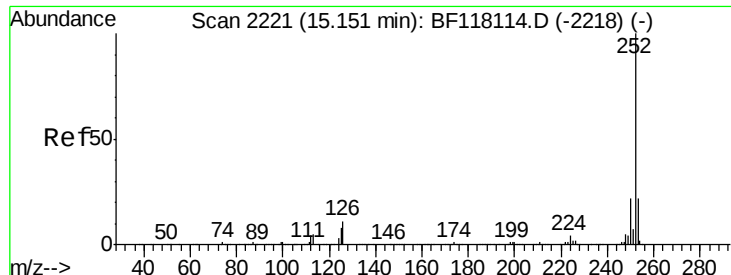
Abundance

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

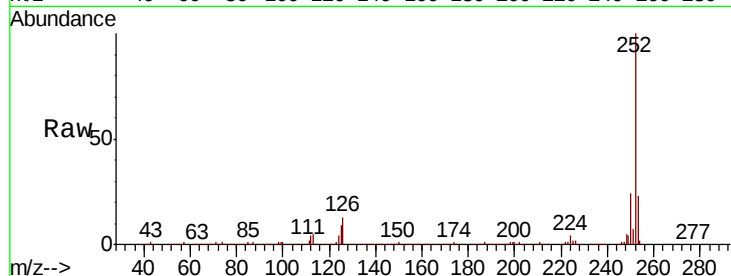




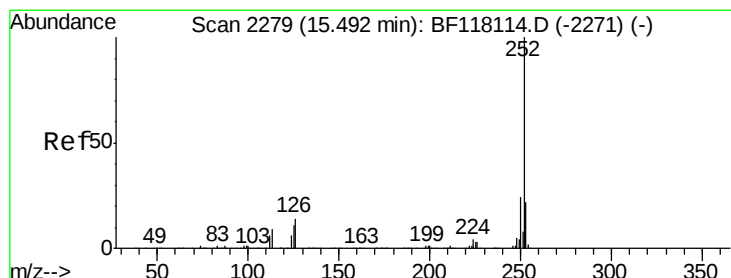
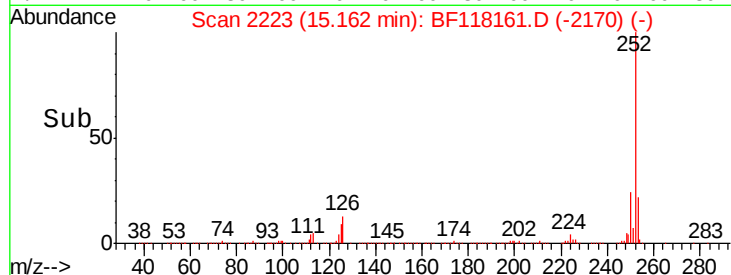
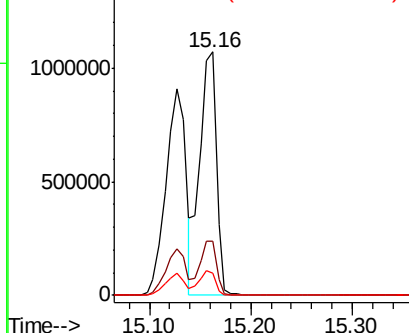
#89
Benzo(k)fluoranthene
Concen: 48.185 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.01 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1230813
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 9.0 6.7 10.1

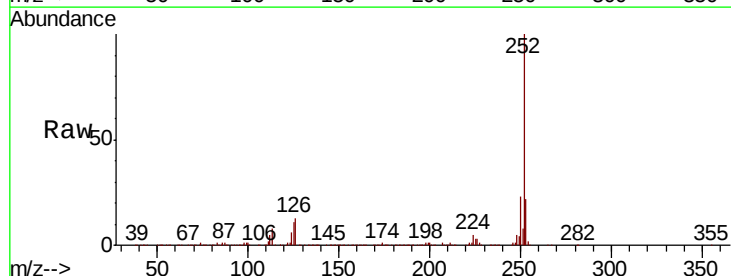


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

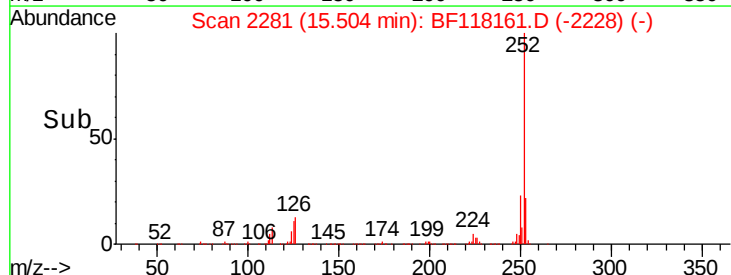
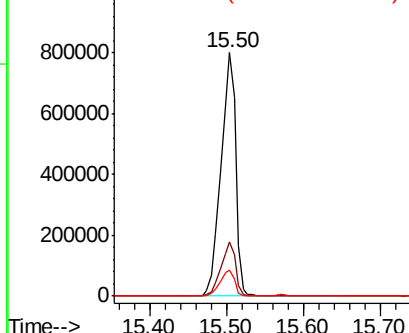


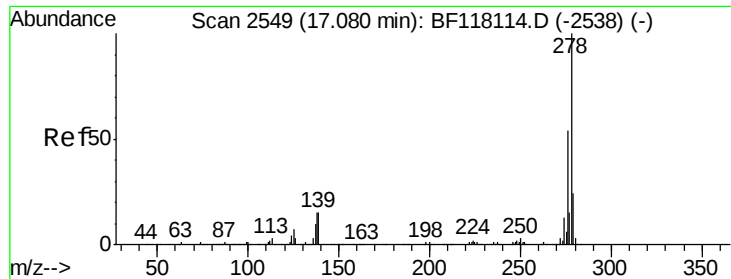
#90
Benzo(a)pyrene
Concen: 45.021 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF118161.D
Acq: 10 Dec 2019 12:01

Tgt Ion:252 Resp: 1057242
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 10.8 9.1 13.7



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: 46.203 ng

RT: 17.10 min Scan# 2553

Delta R.T. 0.02 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

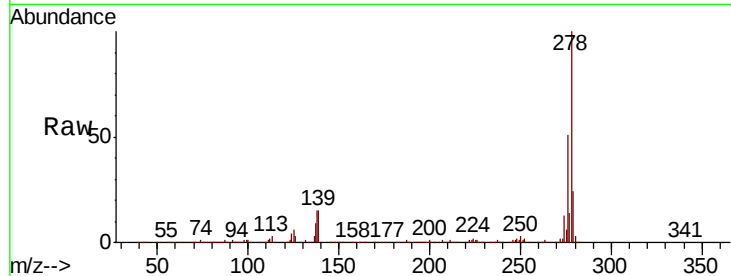
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 930617

Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.7	17.5
279	24.2	19.0	28.4

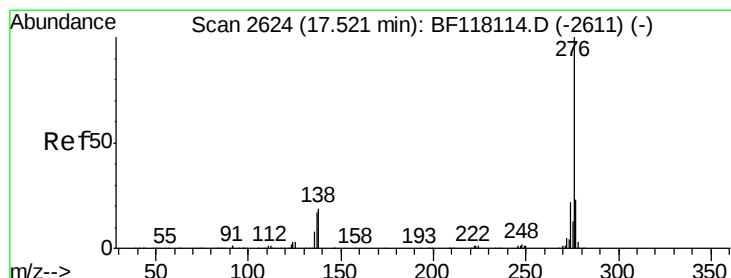
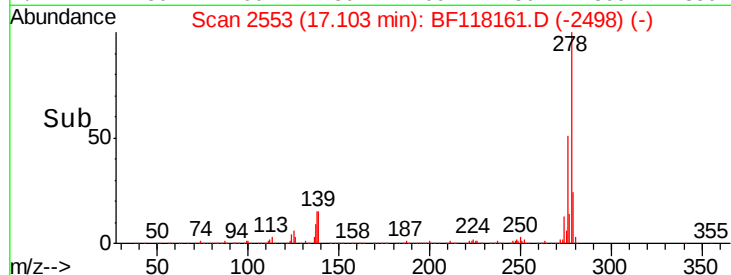
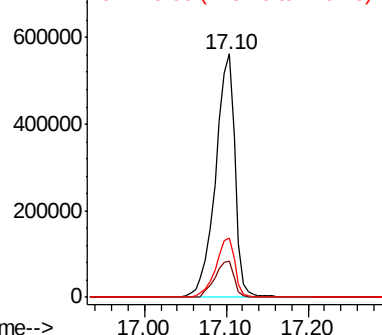


Abundance

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: 48.150 ng

RT: 17.55 min Scan# 2629

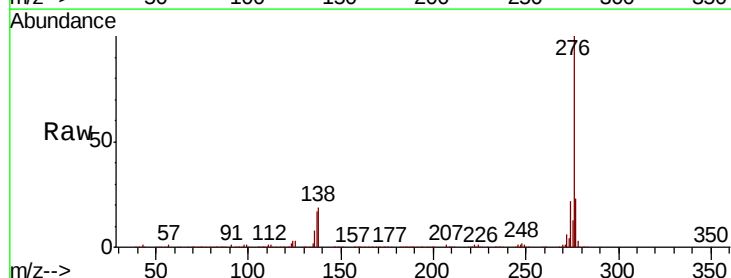
Delta R.T. 0.03 min

Lab File: BF118161.D

Acq: 10 Dec 2019 12:01

Tgt Ion:276 Resp: 931946

Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.2	27.4
138	19.4	15.5	23.3



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

