

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120619\
 Data File : BF118116.D
 Acq On : 6 Dec 2019 15:55
 Operator : JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 16:27:39 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 15:39:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	146921	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	538393	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	282719	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	532425	20.00	ng	0.00
76) Chrysene-d12	14.07	240	363172	20.00	ng	0.00
87) Perylene-d12	15.56	264	313401	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	966017	116.39	ng	0.00
7) Phenol-d6	6.51	99	1159915	115.86	ng	0.01
23) Nitrobenzene-d5	7.45	82	1125784	124.30	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	406544	135.83	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	2131552	135.26	ng	0.00
79) Terphenyl-d14	13.01	244	2431426	122.36	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.62	88	205329	52.923	ng	99
3) Pyridine	3.38	79	536527	52.718	ng	99
4) n-Nitrosodimethylamine	3.35	42	230086	51.790	ng	99
6) Aniline	6.54	93	747798	56.525	ng	99
8) 2-Chlorophenol	6.66	128	544845	60.496	ng	96
9) Benzaldehyde	6.42	77	269258	43.056	ng	98
10) Phenol	6.52	94	666778	64.094	ng	90
11) bis(2-Chloroethyl)ether	6.61	93	486802	58.270	ng	96
12) 1,3-Dichlorobenzene	6.82	146	638864	60.252	ng	97
13) 1,4-Dichlorobenzene	6.89	146	636332	59.372	ng	98
14) 1,2-Dichlorobenzene	7.05	146	601287	58.660	ng	97
15) Benzyl Alcohol	7.02	79	458058	59.263	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	578236	44.956	ng	97
17) 2-Methylphenol	7.13	107	436586	57.242	ng	99
18) Hexachloroethane	7.39	117	238022	60.455	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	355771	57.604	ng	98
20) 3+4-Methylphenols	7.28	107	539433	56.976	ng	# 83
22) Acetophenone	7.29	105	750513	62.046	ng	# 99
24) Nitrobenzene	7.46	77	548666	58.723	ng	99
25) Isophorone	7.70	82	952237	57.364	ng	98
26) 2-Nitrophenol	7.77	139	299392	65.834	ng	94
27) 2,4-Dimethylphenol	7.81	122	395971	56.034	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	622730	59.117	ng	100
29) 2,4-Dichlorophenol	8.02	162	456647	59.574	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	533638	60.019	ng	99
31) Naphthalene	8.19	128	1577000	62.830	ng	99
32) Benzoic acid	7.96	122	373685	63.156	ng	99
33) 4-Chloroaniline	8.23	127	686170	61.066	ng	99
34) Hexachlorobutadiene	8.30	225	322199	61.981	ng	99
35) Caprolactam	8.62	113	119377	49.003	ng	96
36) 4-Chloro-3-methylphenol	8.72	107	482381	62.010	ng	98
37) 2-Methylnaphthalene	8.87	142	1072414	63.236	ng	98
38) 1-Methylnaphthalene	8.97	142	1001222	62.448	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	500935	61.012	ng	99

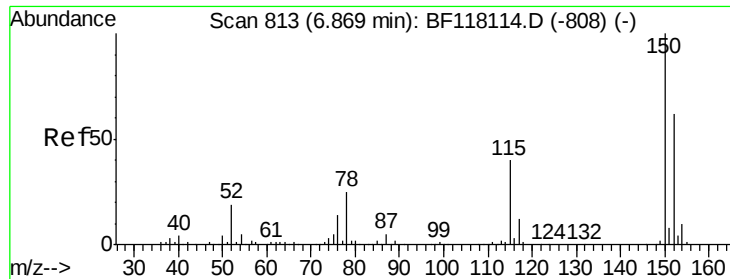
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120619\
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 QLast Update : Fri Dec 06 15:39:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	249017	54.121	nq	98
43) 2,4,6-Trichlorophenol	9.16	196	338264	57.520	nq	98
44) 2,4,5-Trichlorophenol	9.20	196	349623	57.260	nq	98
46) 1,1'-Biphenyl	9.35	154	1291201	61.559	nq	98
47) 2-Chloronaphthalene	9.37	162	1058437	61.340	nq	97
48) 2-Nitroaniline	9.47	65	308066	59.136	nq	94
49) Acenaphthylene	9.79	152	1538872	61.170	nq	99
50) Dimethylphthalate	9.65	163	1226725	61.876	nq	99
51) 2,6-Dinitrotoluene	9.71	165	267541	61.746	nq	100
52) Acenaphthene	9.96	154	949306	58.906	nq	97
53) 3-Nitroaniline	9.88	138	323215	62.340	nq	97
54) 2,4-Dinitrophenol	9.99	184	147600	76.735	nq	98
55) Dibenzofuran	10.13	168	1369662	61.375	nq	99
56) 4-Nitrophenol	10.04	139	228433	59.026	nq	99
57) 2,4-Dinitrotoluene	10.12	165	368527	66.862	nq	98
58) Fluorene	10.47	166	1091889	63.139	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	292355	58.274	nq	99
60) Diethylphthalate	10.35	149	1210250	62.615	nq	98
61) 4-Chlorophenyl-phenylether	10.46	204	548036	62.446	nq	94
62) 4-Nitroaniline	10.50	138	329250	63.425	nq	99
63) Azobenzene	10.63	77	1037749	59.015	nq	98
65) 4,6-Dinitro-2-methylphenol	10.53	198	185773	74.741	nq	93
66) n-Nitrosodiphenylamine	10.59	169	957143	61.771	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	355683	61.914	nq	# 93
68) Hexachlorobenzene	11.03	284	421490	62.921	nq	97
69) Atrazine	11.11	200	231744	45.465	nq	96
70) Pentachlorophenol	11.22	266	209415	53.510	nq	96
71) Phenanthrene	11.44	178	1638619	61.214	nq	100
72) Anthracene	11.49	178	1630521	61.435	nq	99
73) Carbazole	11.65	167	1474987	63.597	nq	99
74) Di-n-butylphthalate	11.97	149	1842637	63.811	nq	99
75) Fluoranthene	12.63	202	1700495	65.667	nq	97
77) Benzidine	12.75	184	578737	48.650	nq	98
78) Pyrene	12.87	202	1700612	57.943	nq	100
80) Butylbenzylphthalate	13.48	149	775125	61.490	nq	98
81) Benzo(a)anthracene	14.06	228	1474797	61.453	nq	99
82) 3,3'-Dichlorobenzidine	14.02	252	453825	54.061	nq	98
83) Chrysene	14.10	228	1407120	60.508	nq	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	1033638	67.634	nq	# 99
85) Di-n-octyl phthalate	14.66	149	1548257	68.960	nq	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	1145289	57.865	nq	100
88) Benzo(b)fluoranthene	15.12	252	1227024	60.261	nq	98
89) Benzo(k)fluoranthene	15.12	252	1227024	63.956	nq	99
90) Benzo(a)pyrene	15.50	252	1088355	60.785	nq	100
91) Dibenzo(a,h)anthracene	17.09	278	941626	61.100	nq	99
92) Benzo(g,h,i)perylene	17.53	276	911635	59.390	nq	99

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

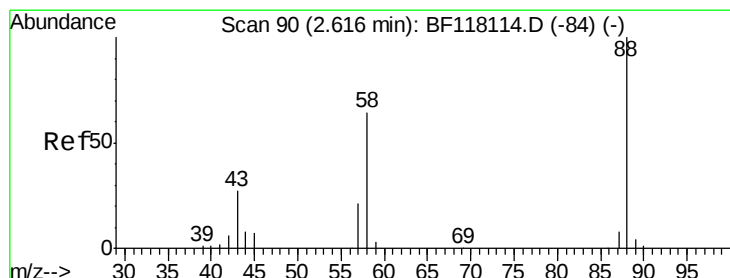
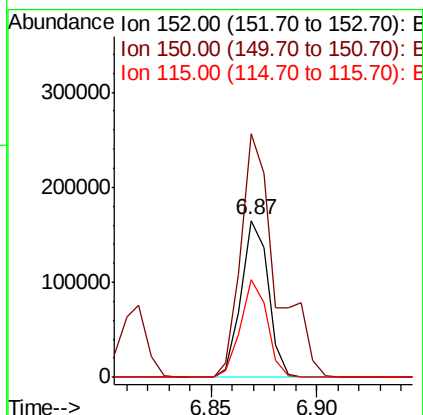
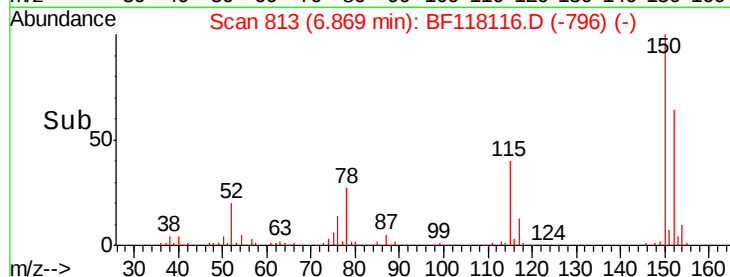
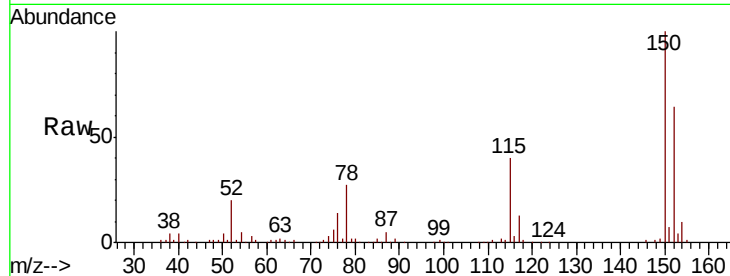


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :

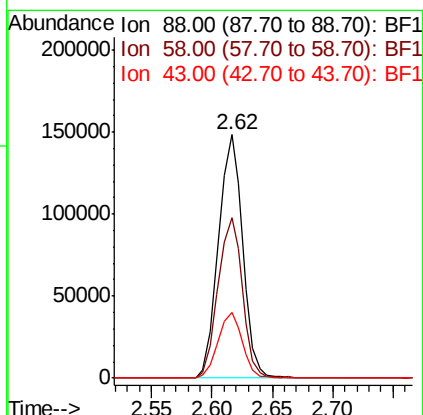
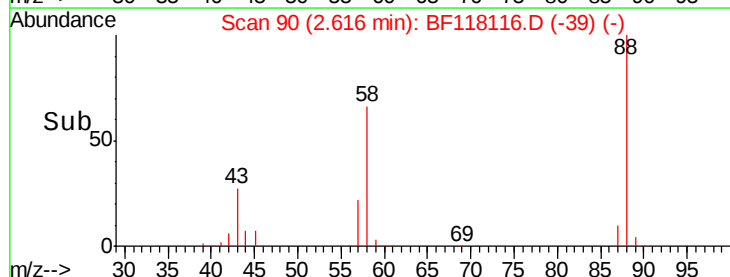
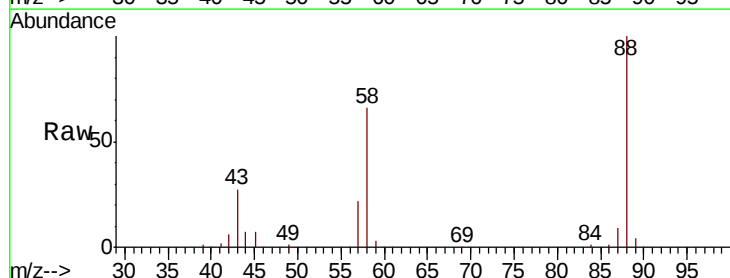
Tot Ion:152 Resp: 146921
Ion Ratio Lower Upper
152 100
150 155.3 128.3 192.5
115 62.7 51.1 76.7

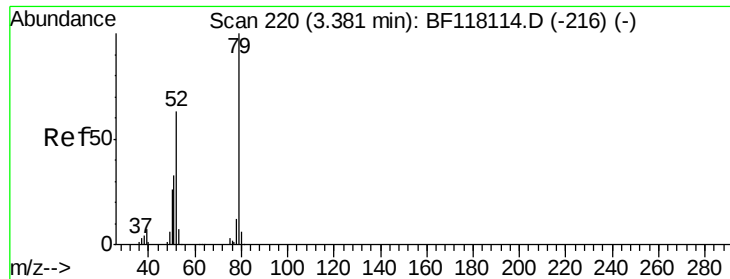


#2

1,4-Dioxane
Concen: 52.923 ng
RT: 2.62 min Scan# 90
Delta R.T. -0.00 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion: 88 Resp: 205329
Ion Ratio Lower Upper
88 100
58 66.2 52.2 78.4
43 26.9 21.4 32.2





#3

Pvridine

Concen: 52.718 ng

RT: 3.38 min Scan# 220

Delta R.T. -0.00 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Instrument :

BNA_F

ClientSampleId :

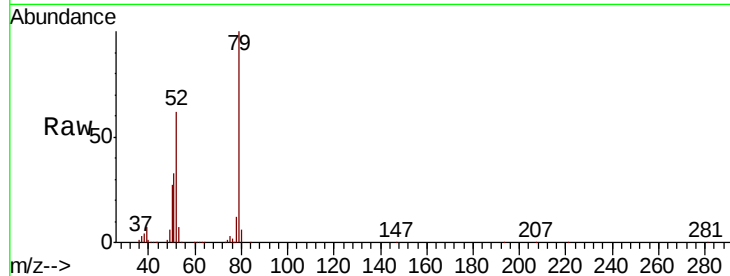
Tot Ion: 79 Resp: 536527

Ion Ratio Lower Upper

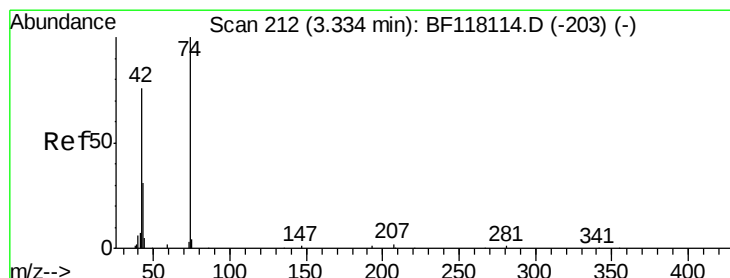
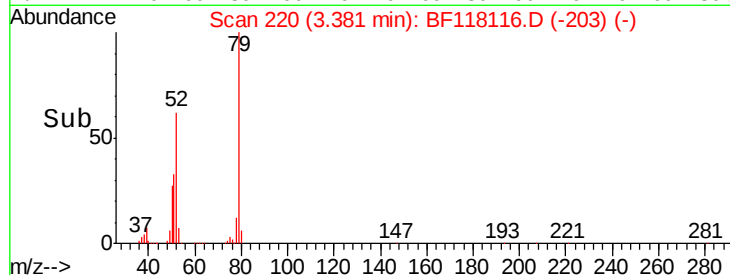
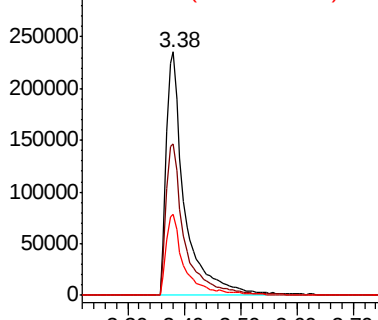
79 100

52 62.4 50.7 76.1

51 33.3 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: 51.790 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.01 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

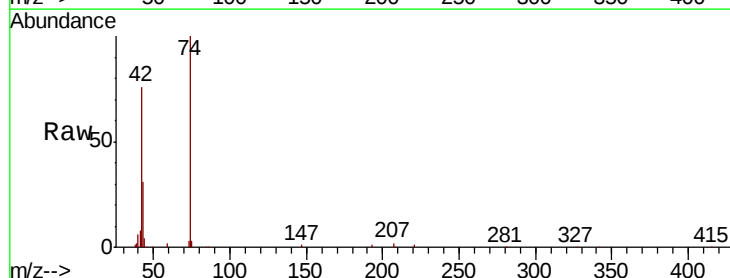
Tgt Ion: 42 Resp: 230086

Ion Ratio Lower Upper

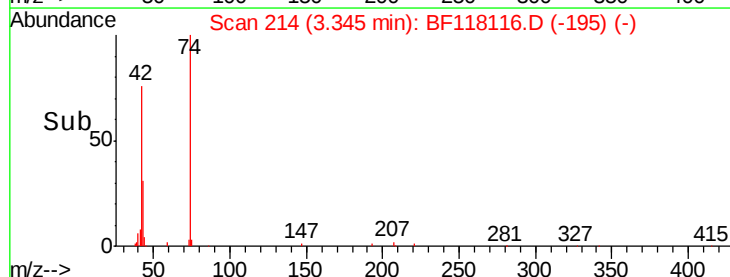
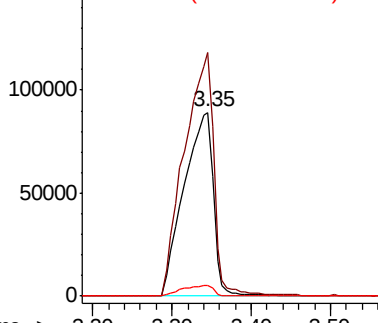
42 100

74 132.3 104.6 157.0

44 5.9 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: 116.386 ng

RT: 5.48 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Instrument :

BNA_F

ClientSampled :

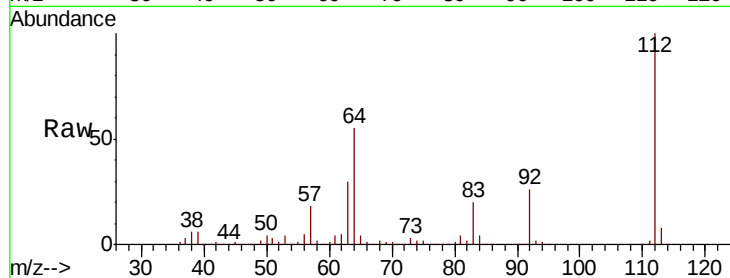
Tot Ion: 112 Resp: 966017

Ion Ratio Lower Upper

112 100

64 54.9 41.3 61.9

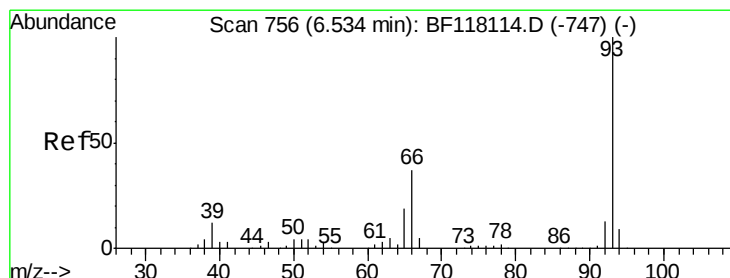
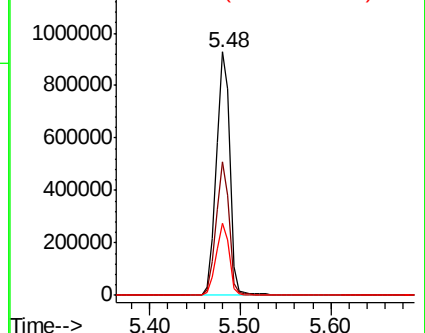
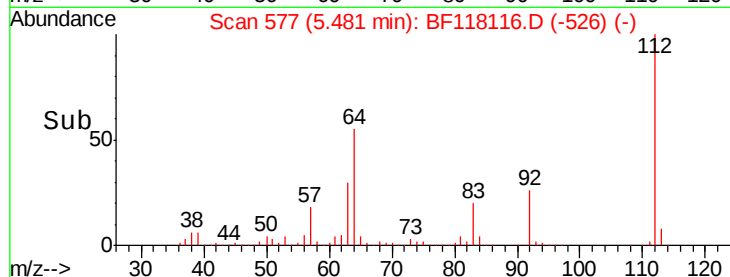
63 29.8 22.4 33.6



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: 56.525 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

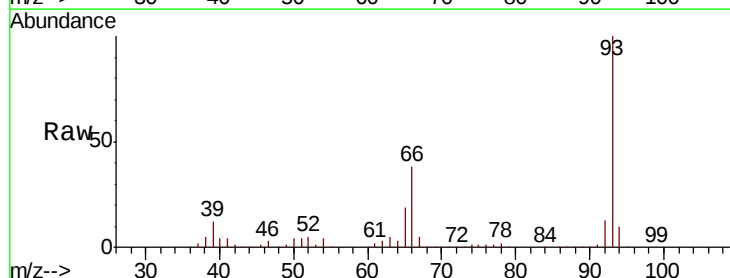
Tgt Ion: 93 Resp: 747798

Ion Ratio Lower Upper

93 100

66 38.2 30.2 45.2

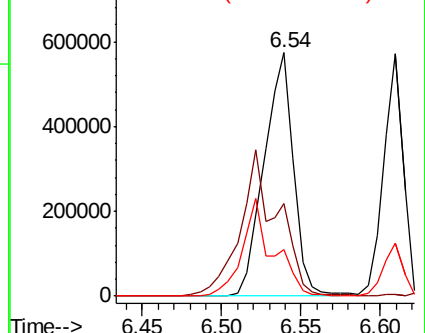
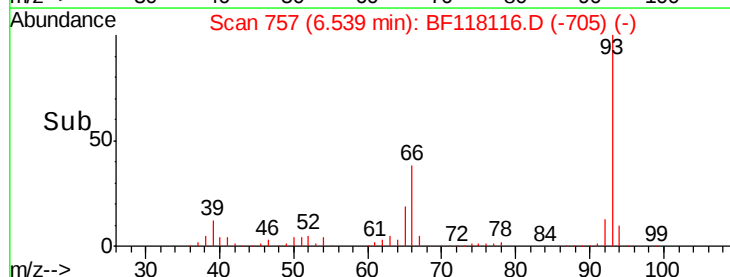
65 19.0 15.5 23.3

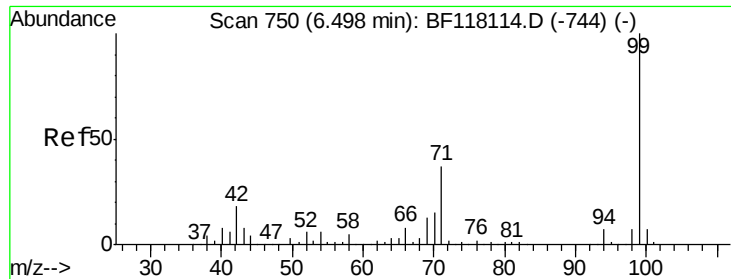


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 115.861 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

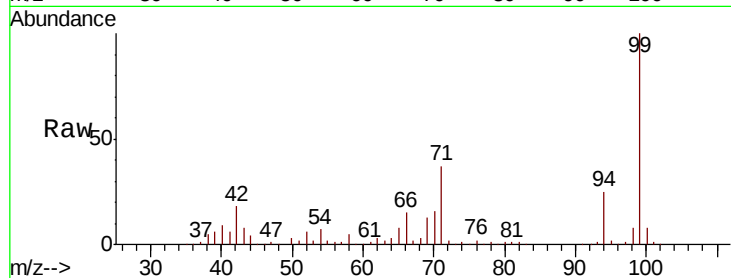
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1159915

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.1	21.1
71	36.8	29.7	44.5

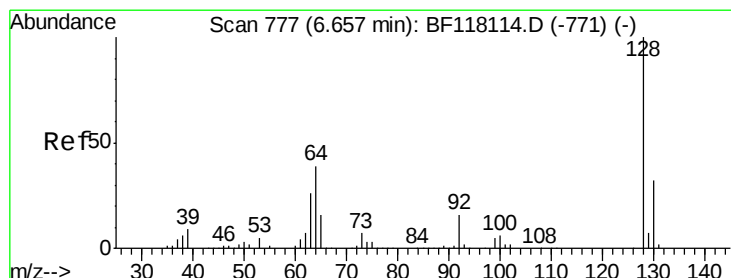
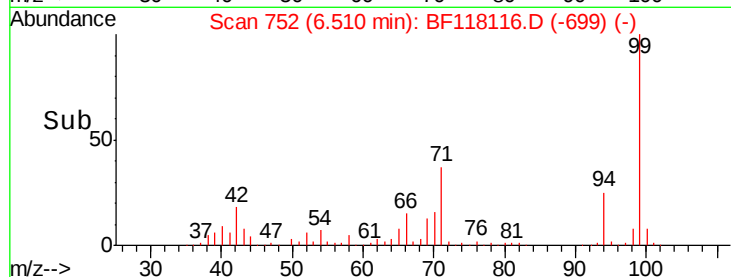
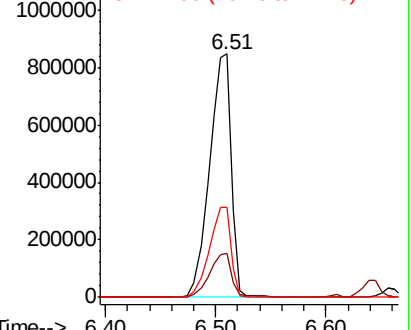


Abundance

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: 60.496 ng

RT: 6.66 min Scan# 777

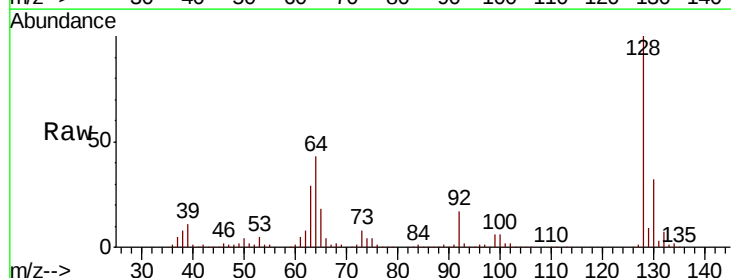
Delta R.T. -0.00 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Tgt Ion: 128 Resp: 544845

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.1	52.1
64	43.1	19.3	59.3

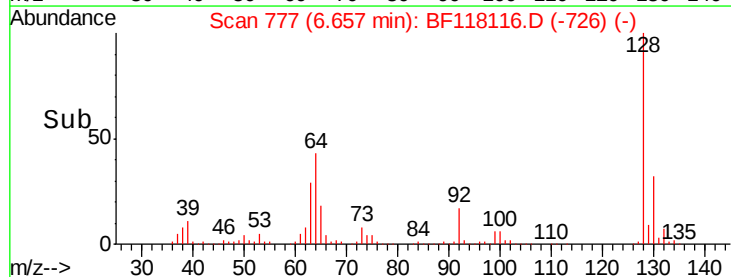
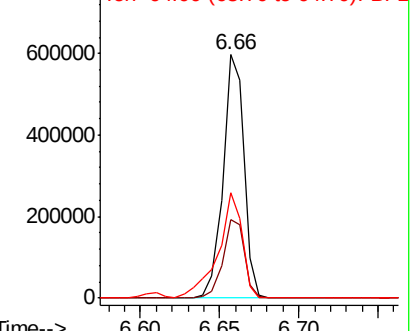


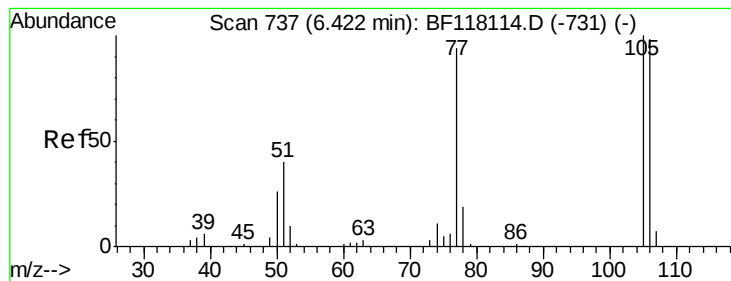
Abundance

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: 43.056 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Instrument :

BNA_F

ClientSampleId :

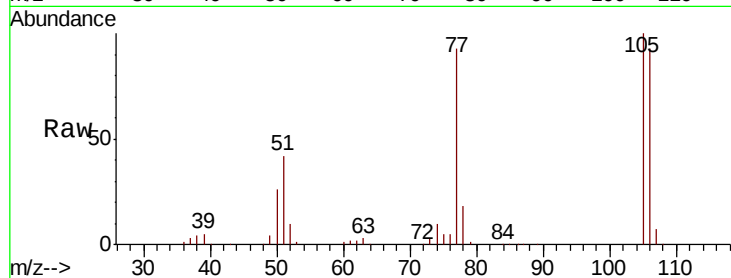
Tot Ion: 77 Resp: 269258

Ion Ratio Lower Upper

77 100

105 107.0 86.4 126.4

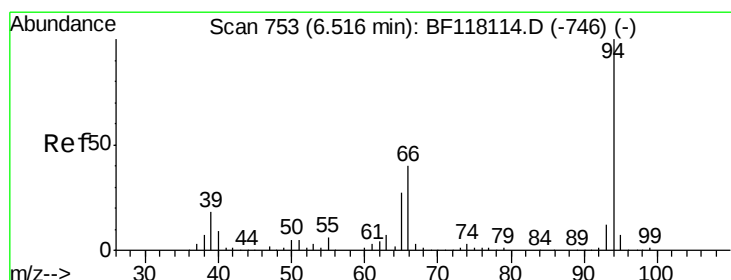
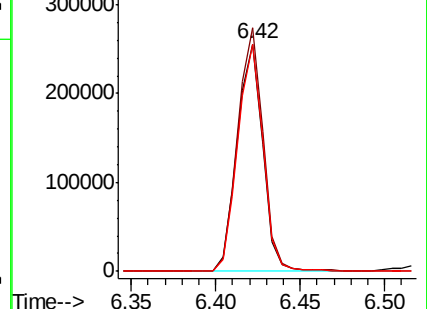
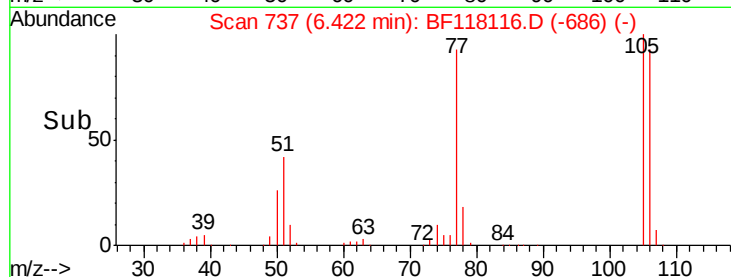
106 99.8 83.8 123.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 64.094 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

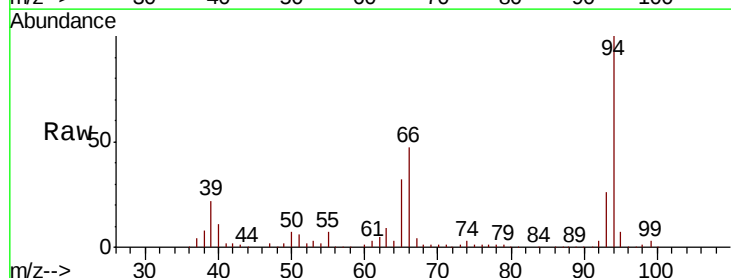
Tgt Ion: 94 Resp: 666778

Ion Ratio Lower Upper

94 100

65 31.5 7.3 47.3

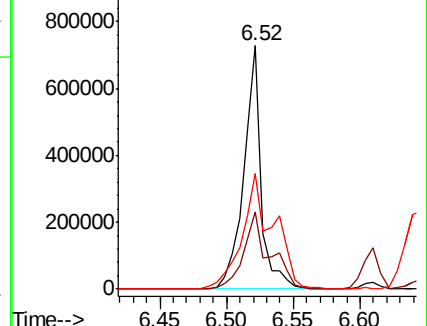
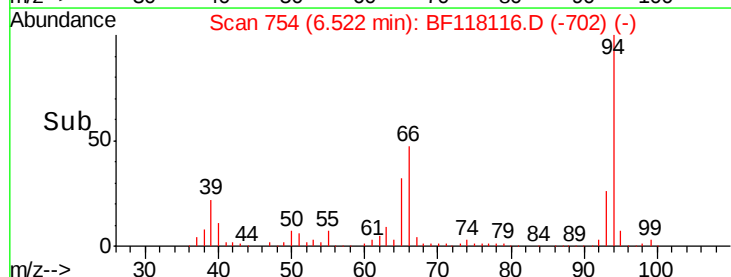
66 47.4 20.2 60.2

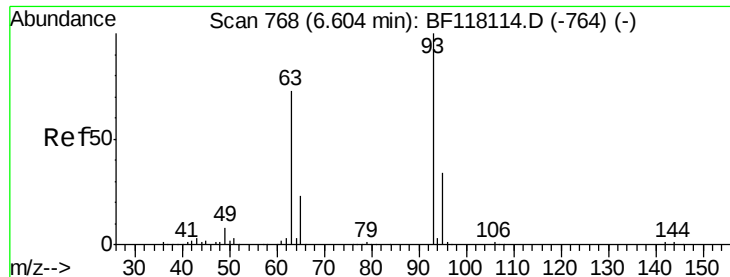


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 58.270 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Instrument :

BNA_F

ClientSampleId :

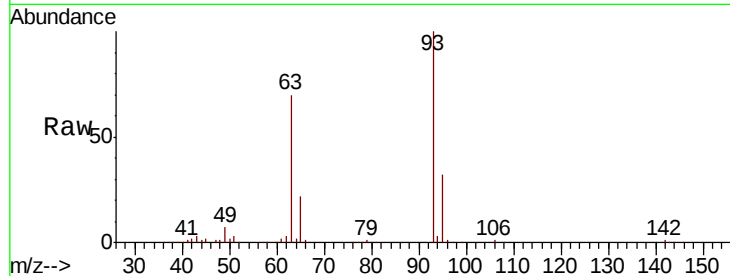
Tot Ion: 93 Resp: 486802

Ion Ratio Lower Upper

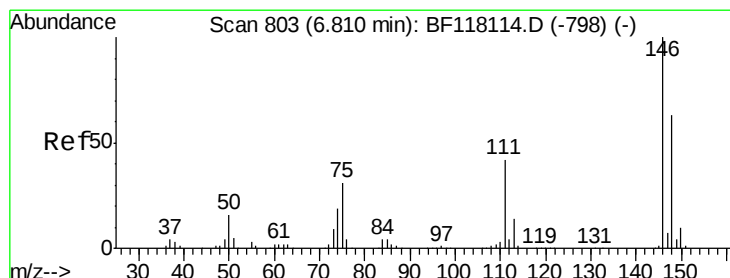
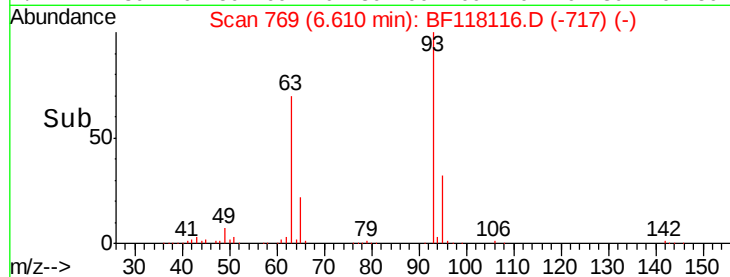
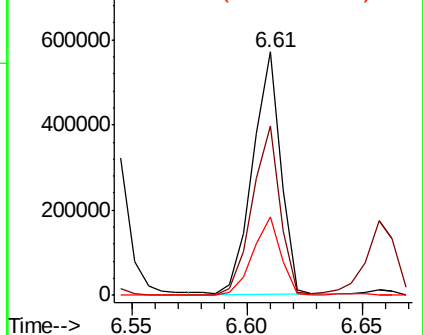
93 100

63 69.6 53.2 93.2

95 32.3 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: 60.252 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

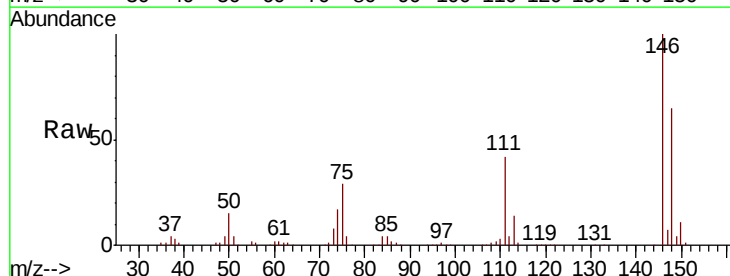
Tgt Ion: 146 Resp: 638864

Ion Ratio Lower Upper

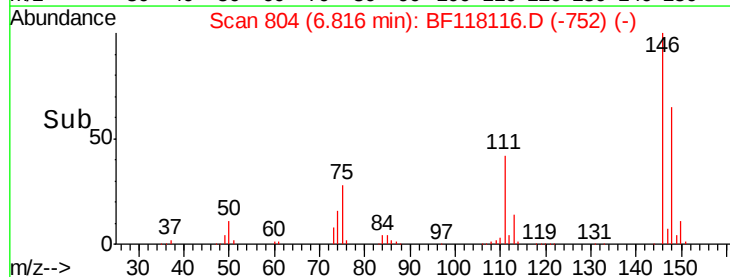
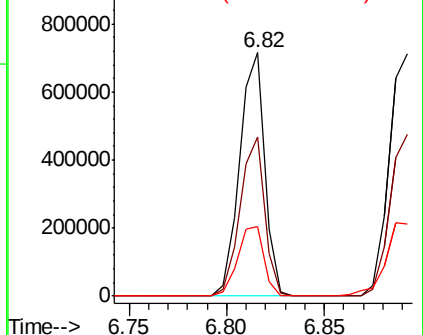
146 100

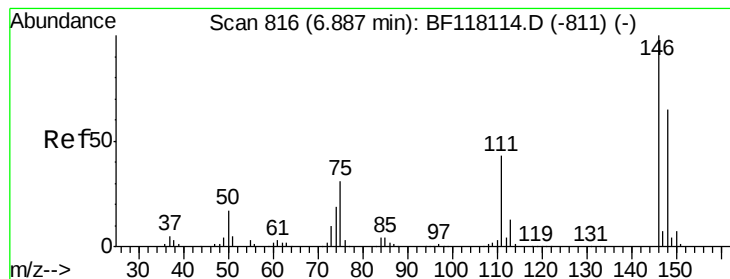
148 65.3 50.2 75.4

75 28.8 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: 59.372 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Instrument :

BNA_F

ClientSampled :

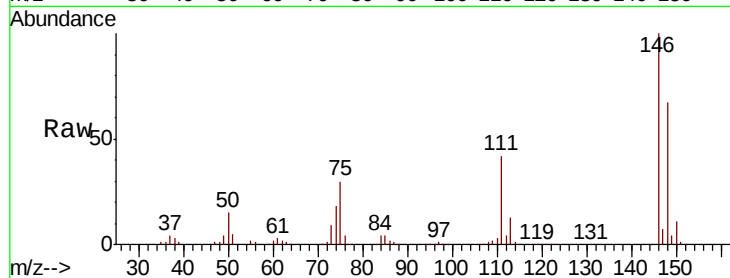
Tot Ion:146 Resp: 636332

Ion Ratio Lower Upper

146 100

148 66.6 52.1 78.1

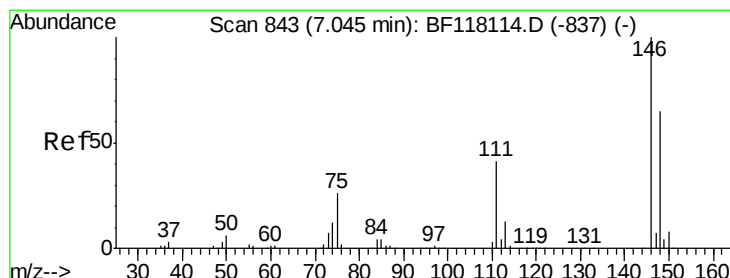
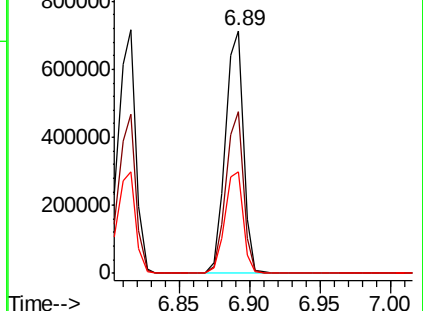
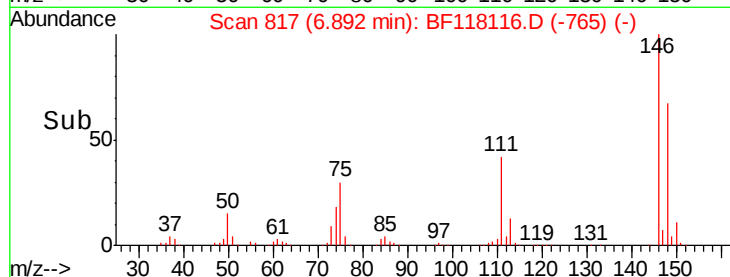
111 41.7 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 58.660 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

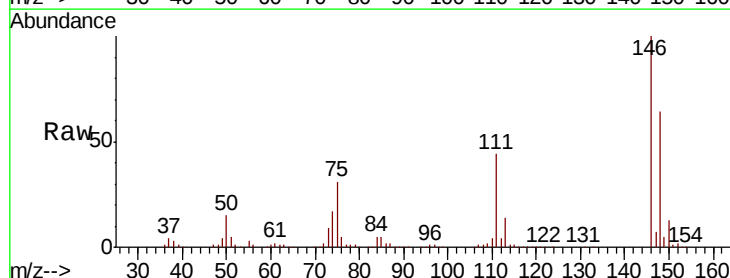
Tgt Ion:146 Resp: 601287

Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.2

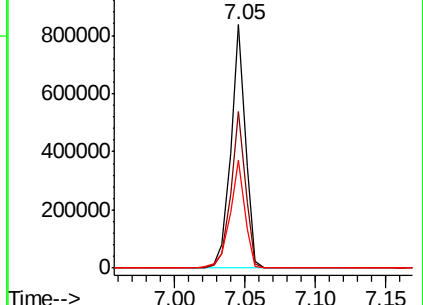
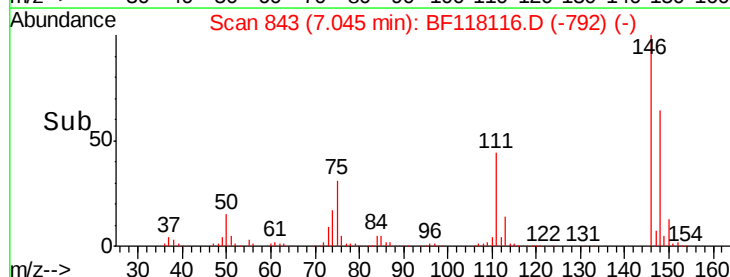
111 44.4 33.1 49.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 59.263 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Instrument :

BNA_F

ClientSampled :

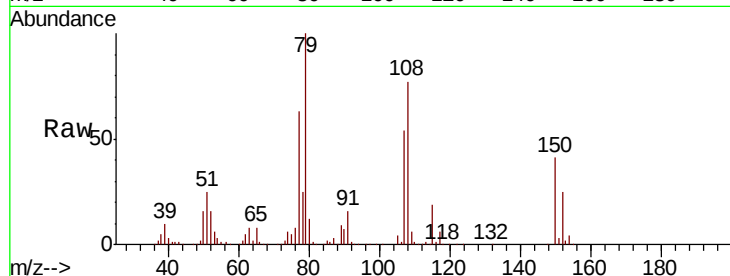
Tot Ion: 79 Resp: 458058

Ion Ratio Lower Upper

79 100

108 76.5 62.7 94.1

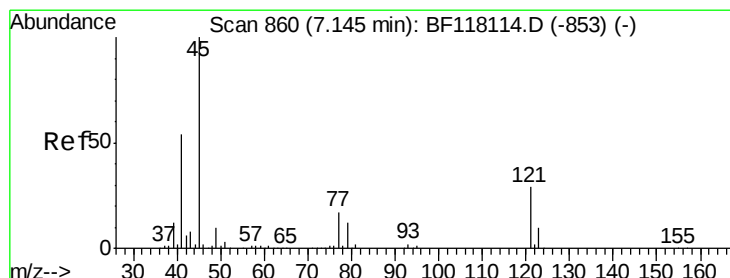
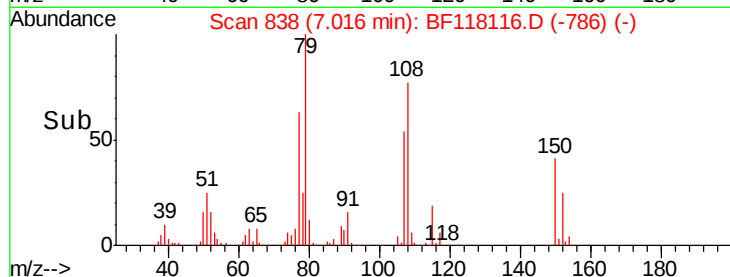
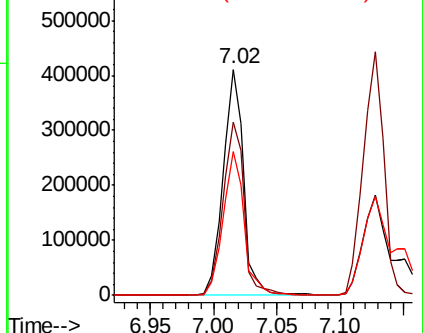
77 63.5 51.4 77.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.956 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.01 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

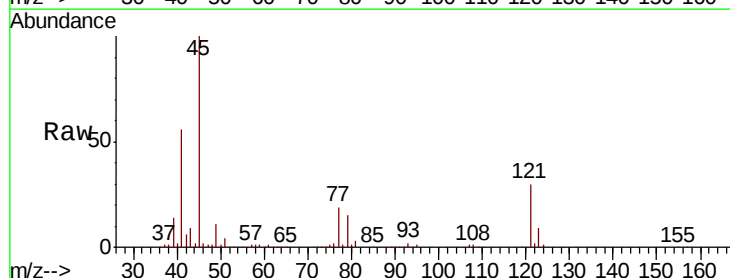
Tgt Ion: 45 Resp: 578236

Ion Ratio Lower Upper

45 100

77 19.0 0.0 38.0

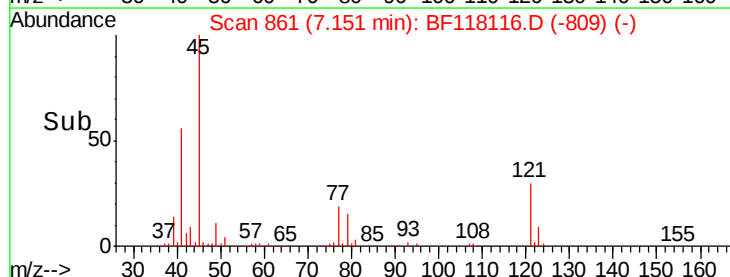
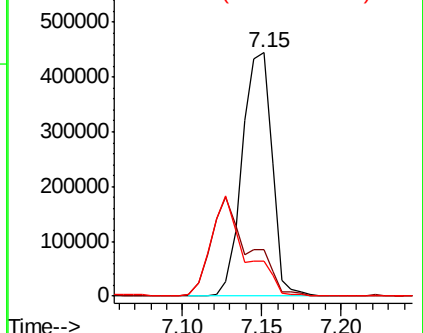
79 14.6 0.0 33.2

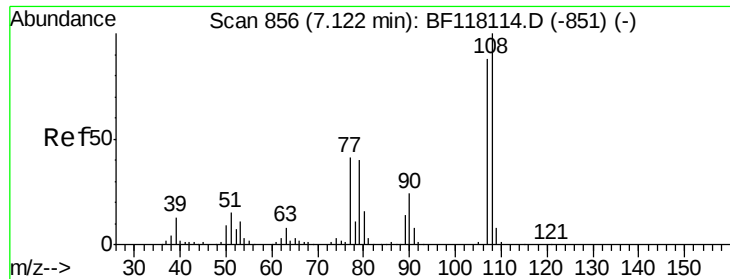


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 57.242 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 436586

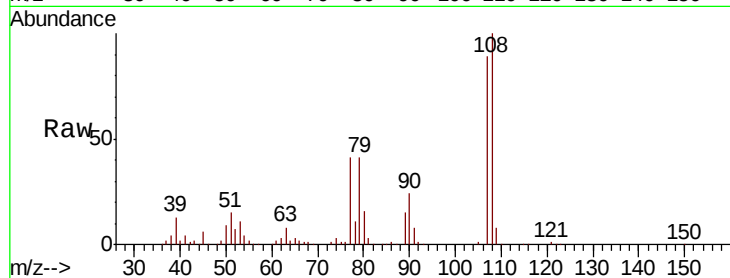
Ion Ratio Lower Upper

107 100

108 112.5 91.1 136.7

77 45.8 37.8 56.6

79 46.4 37.0 55.6

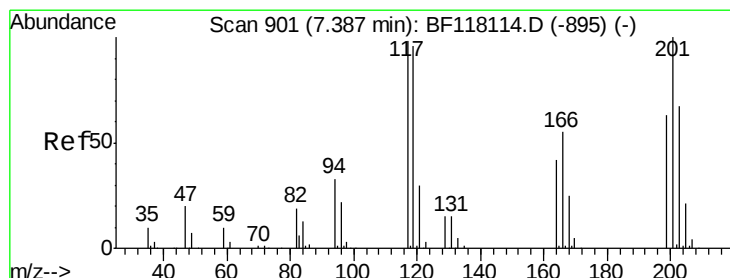
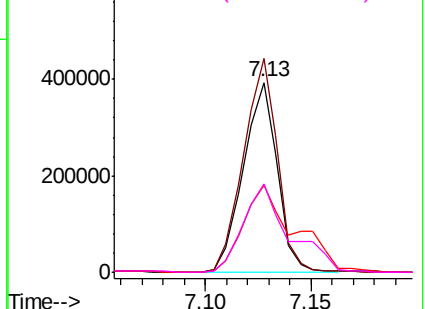
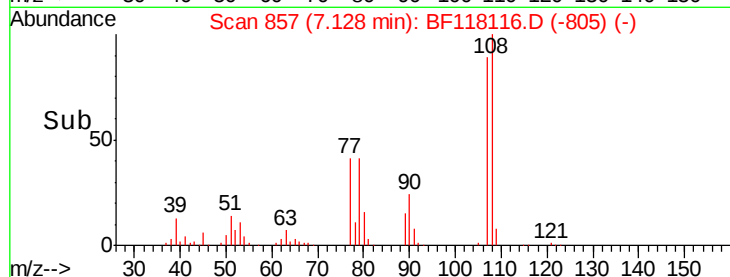


Abundance Ion 107.00 (106.70 to 107.70): E

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: 60.455 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

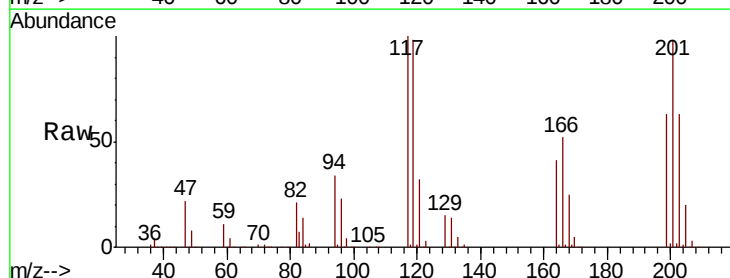
Tgt Ion:117 Resp: 238022

Ion Ratio Lower Upper

117 100

119 98.0 78.2 117.4

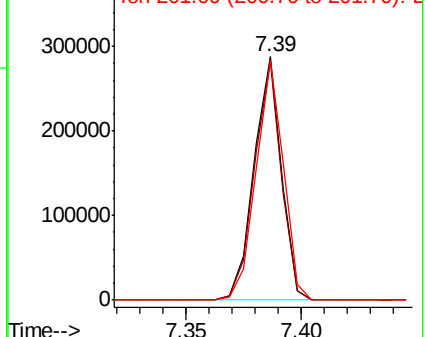
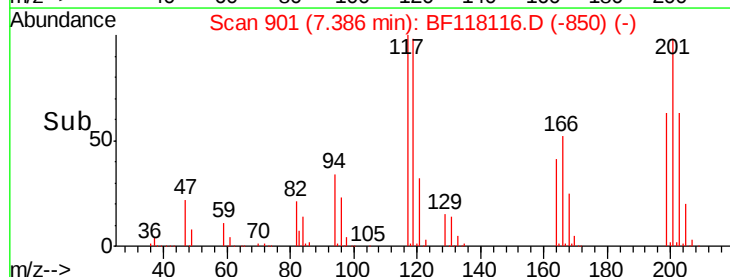
201 98.3 81.6 122.4



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

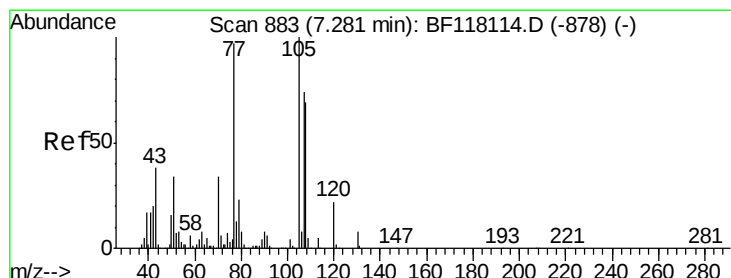
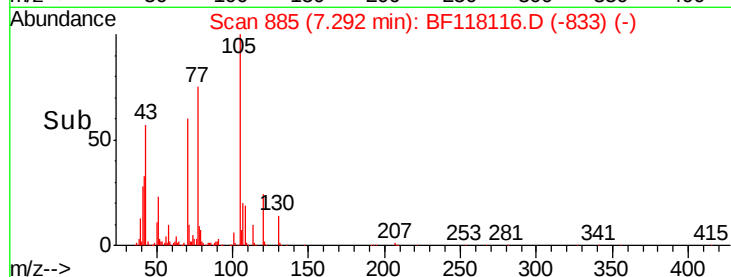
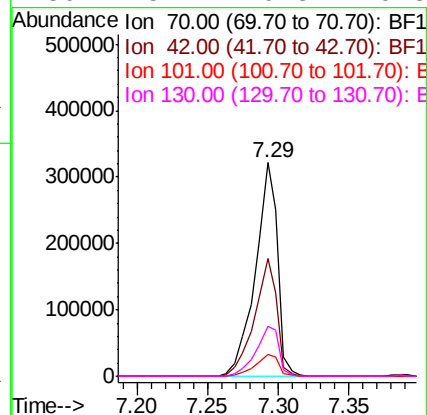
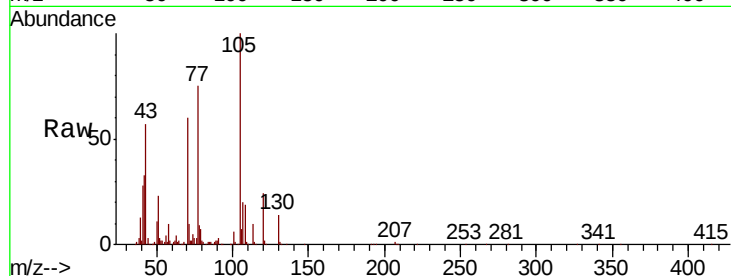




#19
n-Nitroso-di-n-propylamine
Concen: 57.604 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

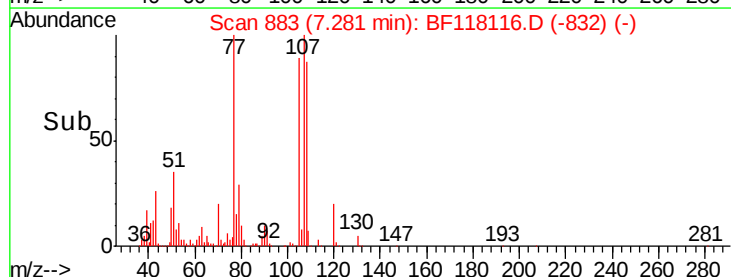
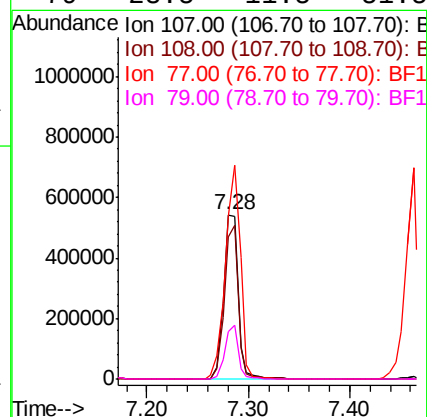
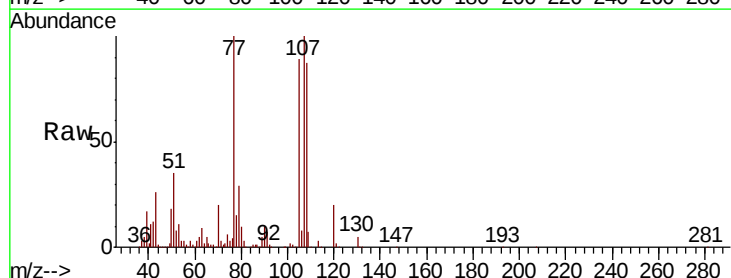
Instrument :
BNA_F
ClientSampleId :

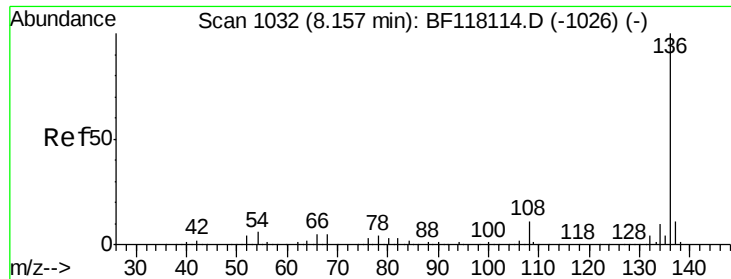
Tot Ion:	70	Resp:	355771
Ion	Ratio	Lower	Upper
70	100		
42	54.9	43.2	64.8
101	10.1	8.1	12.1
130	23.1	19.8	29.8



#20
3+4-Methylphenols
Concen: 56.976 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion:	107	Resp:	539433
Ion	Ratio	Lower	Upper
107	100		
108	86.5	73.2	113.2
77	99.5	110.9	150.9#
79	28.5	11.5	51.5

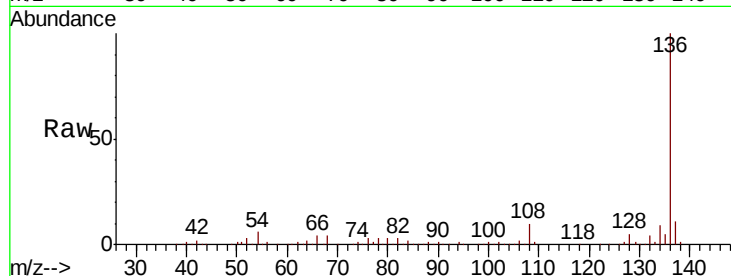




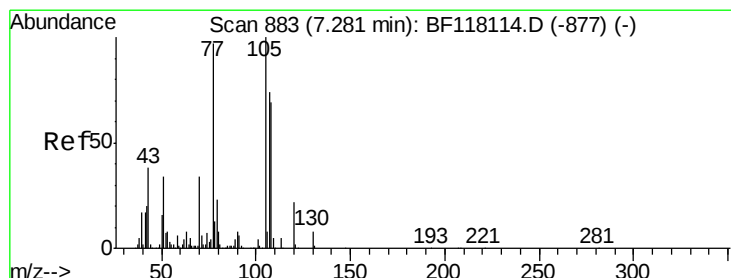
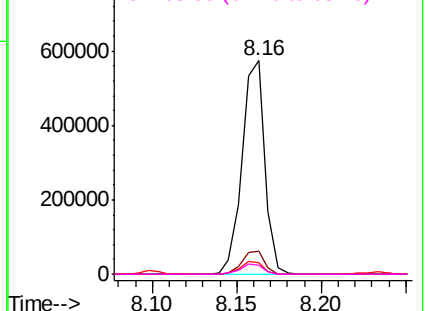
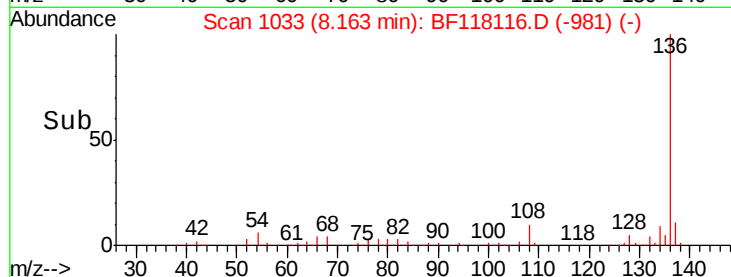
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	538393
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.6
54	5.6	5.0 7.6
68	4.1	3.8 5.8

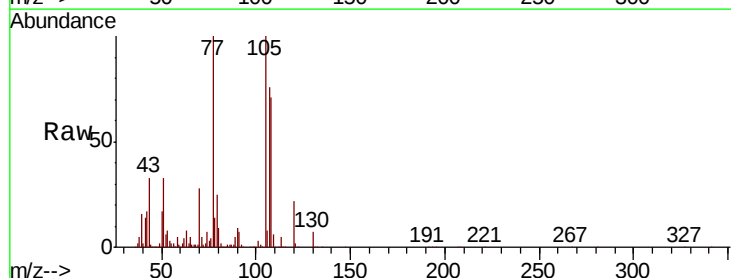


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

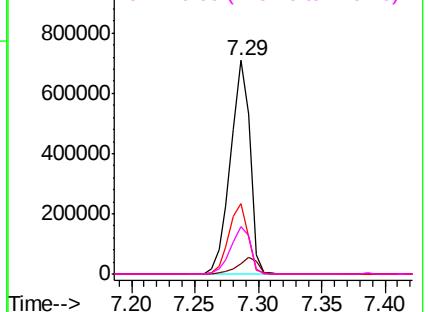
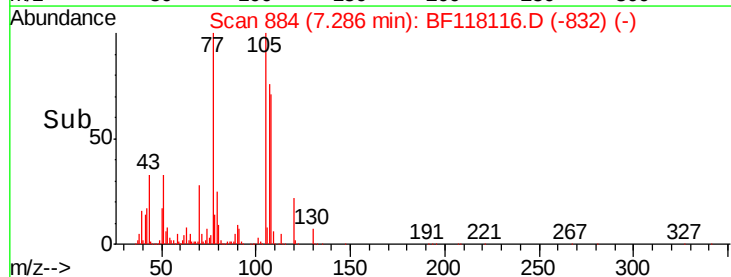


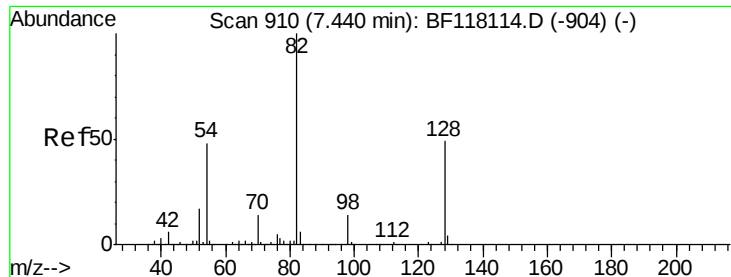
#22
Acetophenone
Concen: 62.046 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion:105	Resp:	750513
Ion Ratio	Lower	Upper
105	100	
71	4.6	4.7 7.1#
51	33.3	27.1 40.7
120	22.5	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



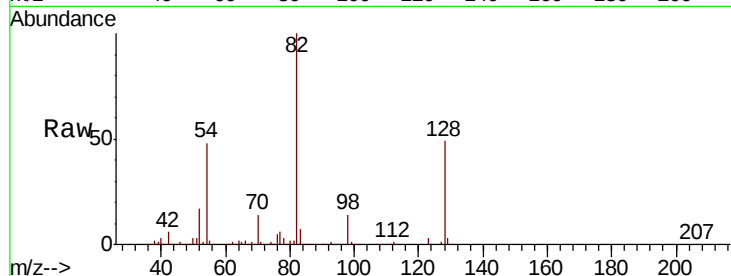


#23
 Nitrobenzene-d5
 Concen: 124.302 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.01 min
 Lab File: BF118116.D
 Acq: 6 Dec 2019 15:55

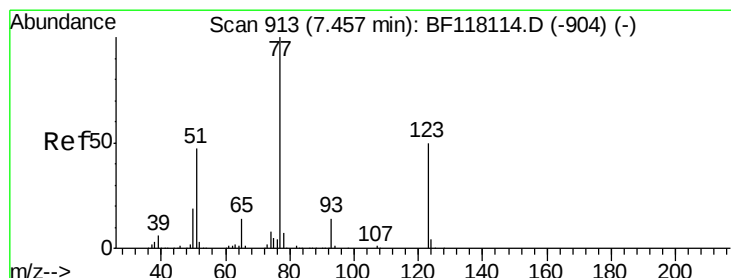
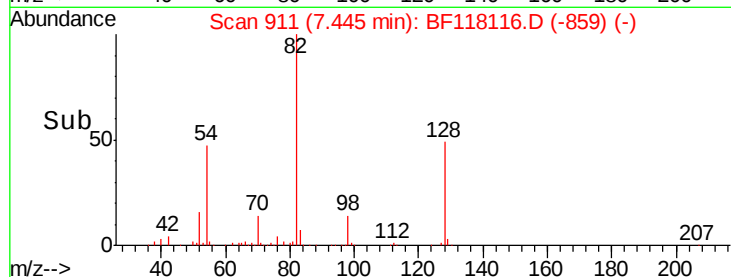
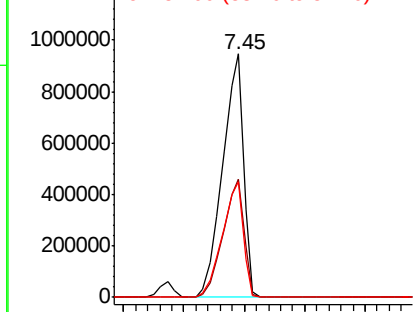
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1125784

Ion	Ratio	Lower	Upper
82	100		
128	48.6	39.1	58.7
54	47.5	38.2	57.2



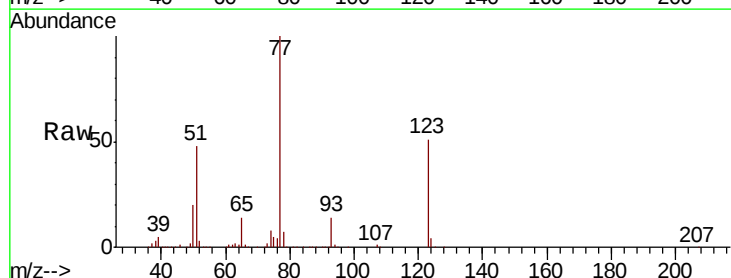
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



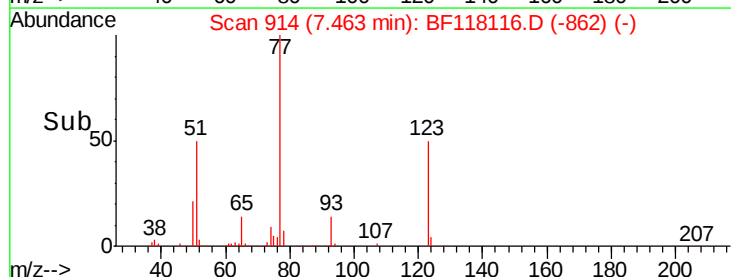
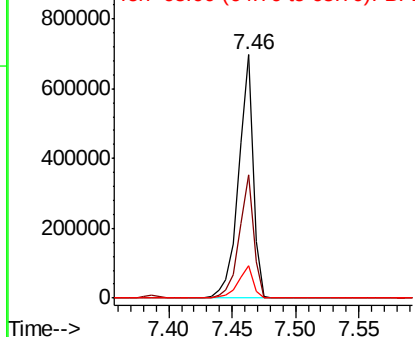
#24
 Nitrobenzene
 Concen: 58.723 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: BF118116.D
 Acq: 6 Dec 2019 15:55

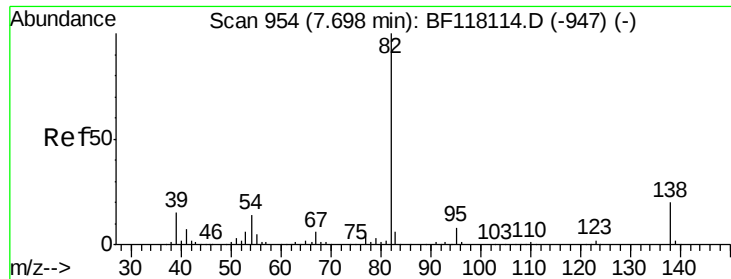
Tgt Ion: 77 Resp: 548666

Ion	Ratio	Lower	Upper
77	100		
123	50.6	40.1	60.1
65	13.5	10.9	16.3



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





#25

Isophorone

Concen: 57.364 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Instrument :

BNA_F

ClientSampleId :

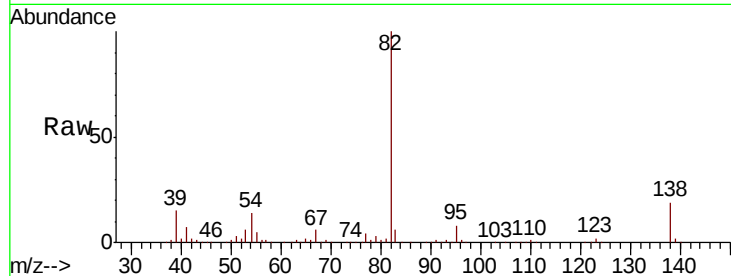
Tot Ion: 82 Resp: 952237

Ion Ratio Lower Upper

82 100

95 7.9 6.3 9.5

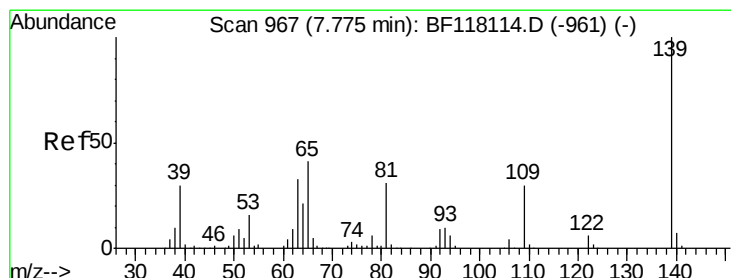
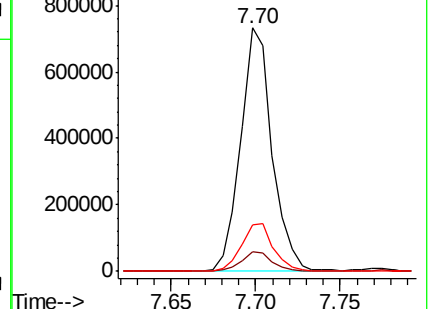
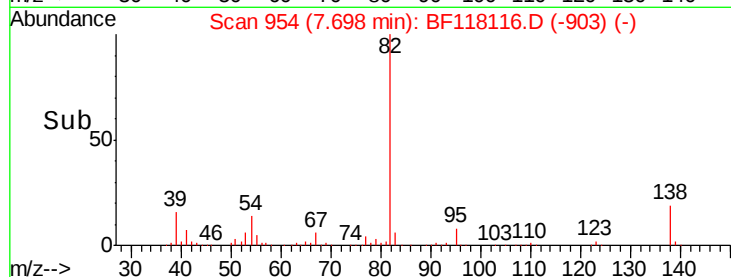
138 19.2 16.3 24.5



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: 65.834 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

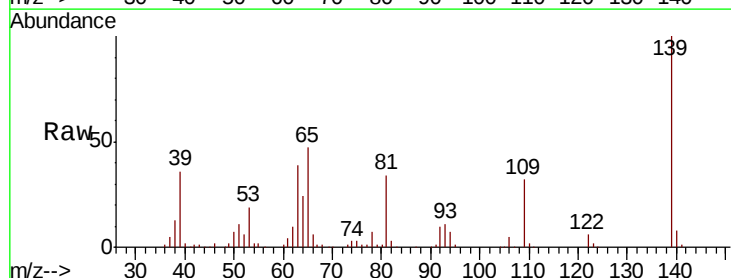
Tgt Ion: 139 Resp: 299392

Ion Ratio Lower Upper

139 100

109 31.5 23.9 35.9

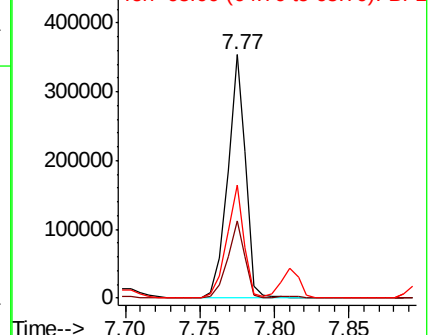
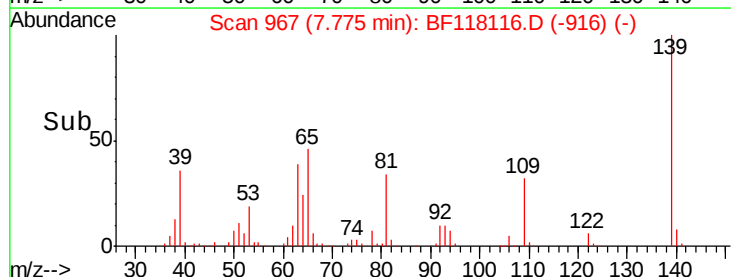
65 46.6 33.0 49.6

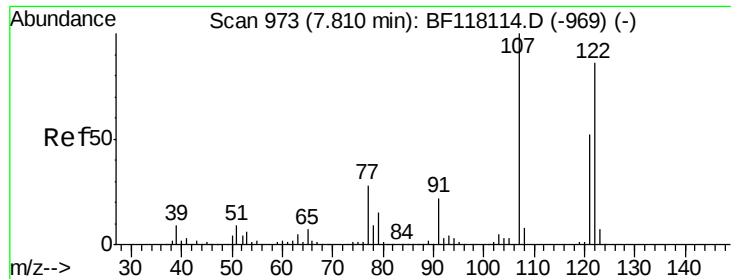


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

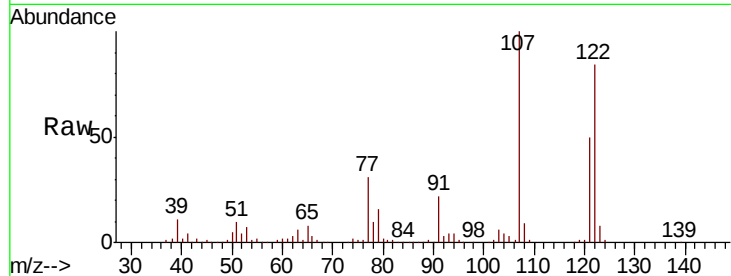




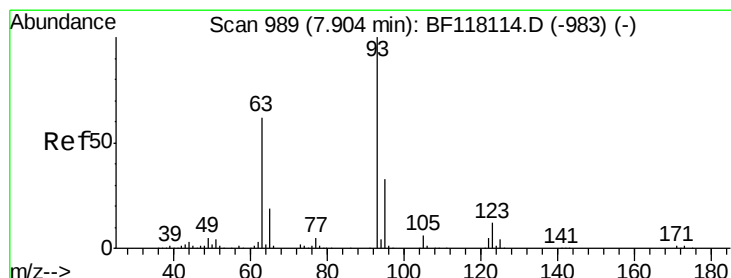
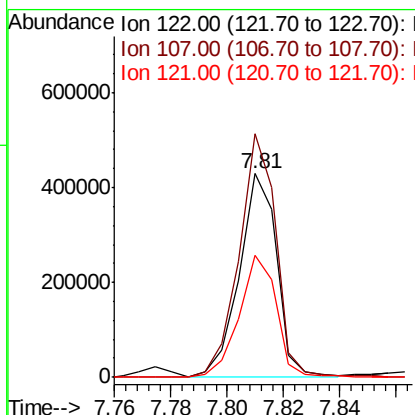
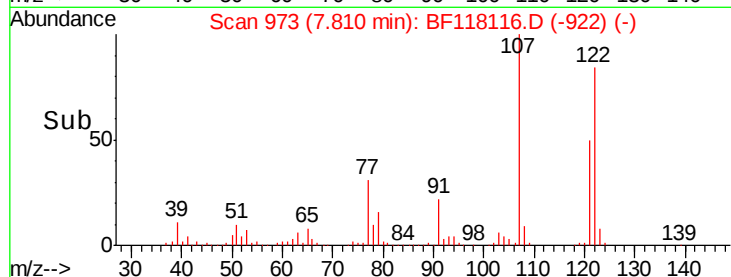
#27
2,4-Dimethylphenol
Concen: 56.034 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.5	92.9	139.3
121	59.7	48.3	72.5

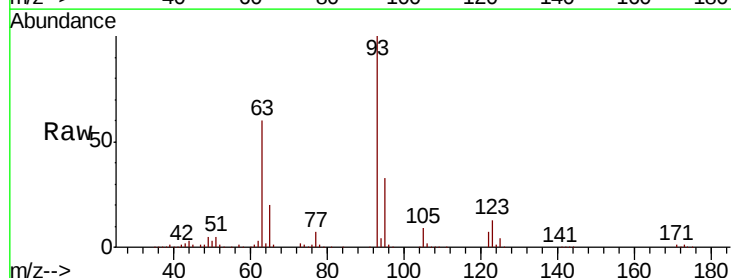


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

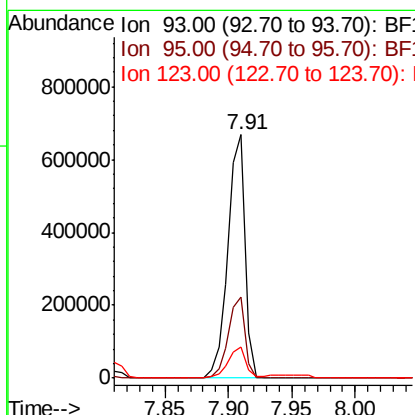
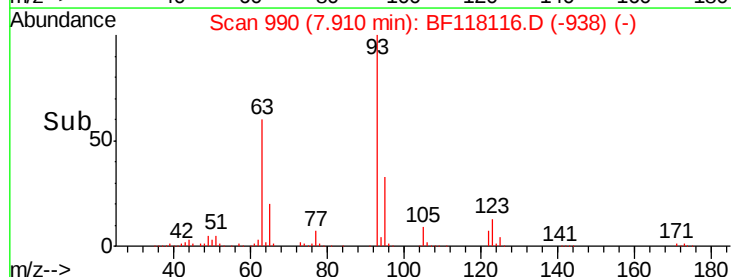


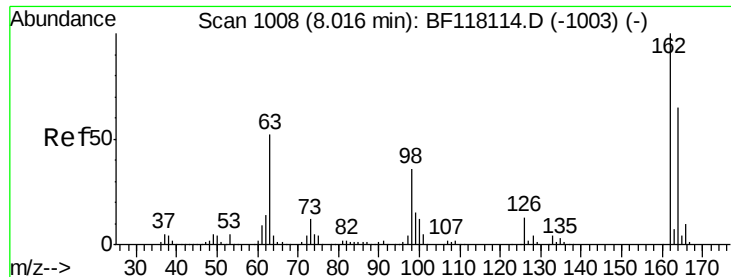
#28
bis(2-Chloroethoxy)methane
Concen: 59.117 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.7	40.1
123	12.8	10.0	15.0



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

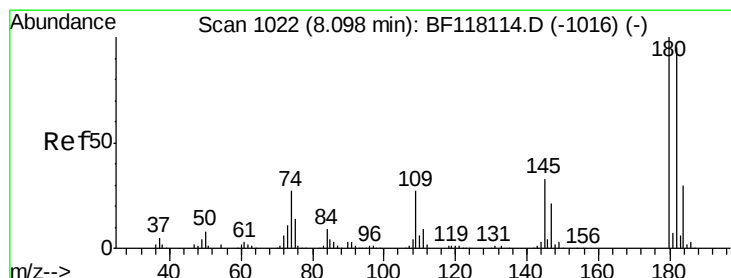
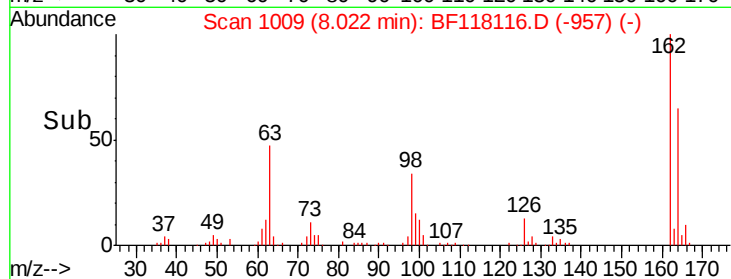
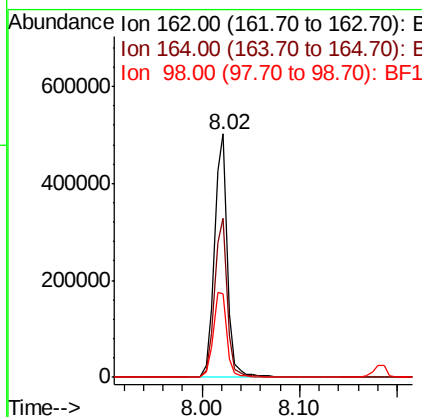
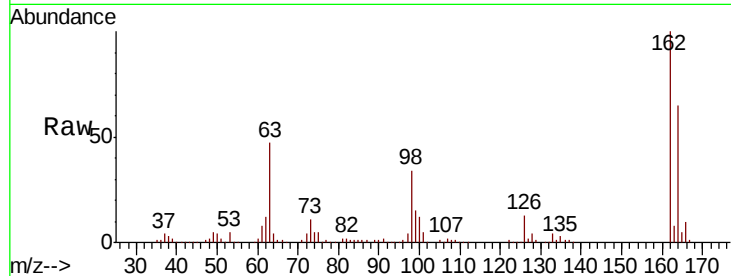




#29
 2,4-Dichlorophenol
 Concen: 59.574 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.01 min
 Lab File: BF118116.D
 Acq: 6 Dec 2019 15:55

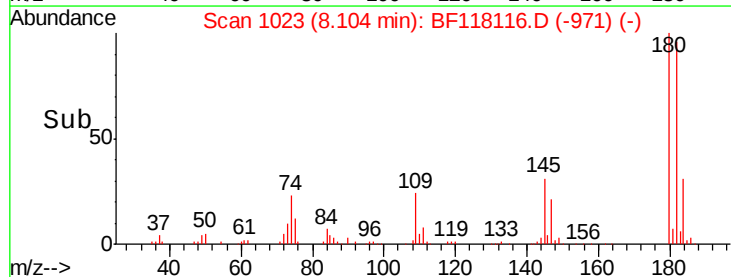
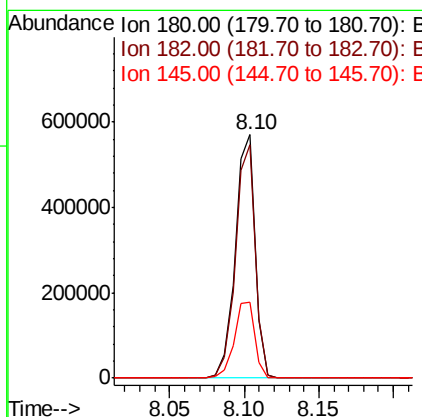
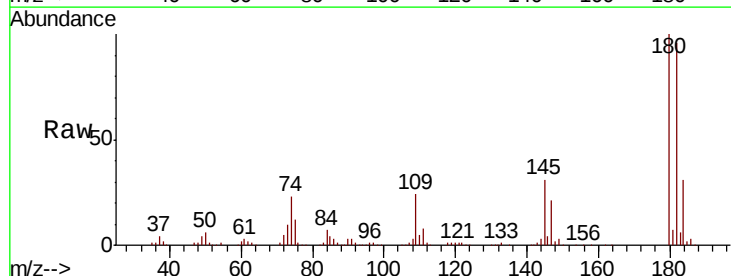
Instrument :
 BNA_F
 ClientSampleId :

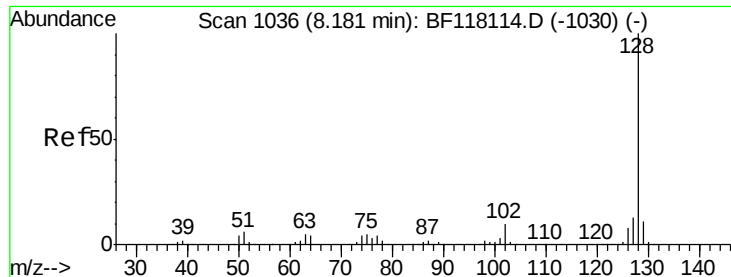
Tot Ion:162 Resp: 456647
 Ion Ratio Lower Upper
 162 100
 164 65.5 45.2 85.2
 98 34.1 15.9 55.9



#30
 1,2,4-Trichlorobenzene
 Concen: 60.019 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.01 min
 Lab File: BF118116.D
 Acq: 6 Dec 2019 15:55

Tgt Ion:180 Resp: 533638
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.1 114.1
 145 30.9 26.1 39.1

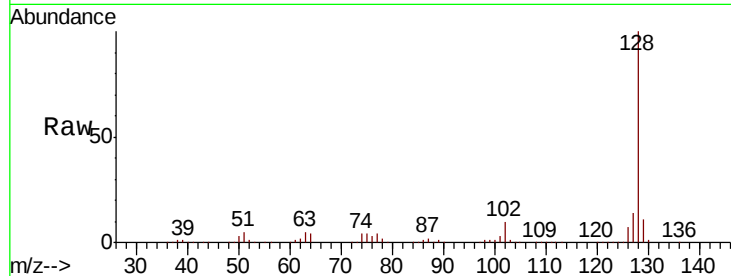




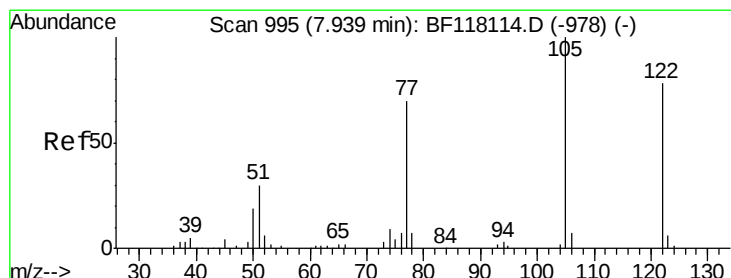
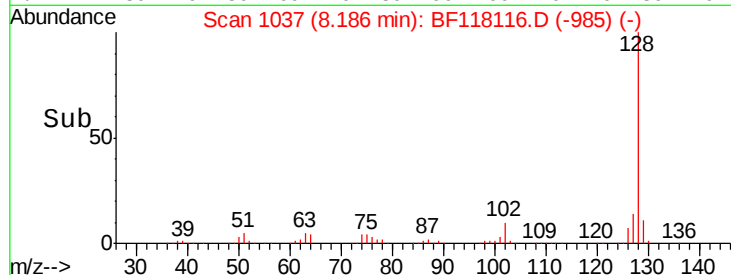
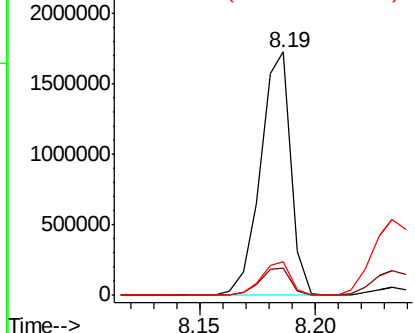
#31
Naphthalene
Concen: 62.830 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1577000
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.9 10.6 16.0

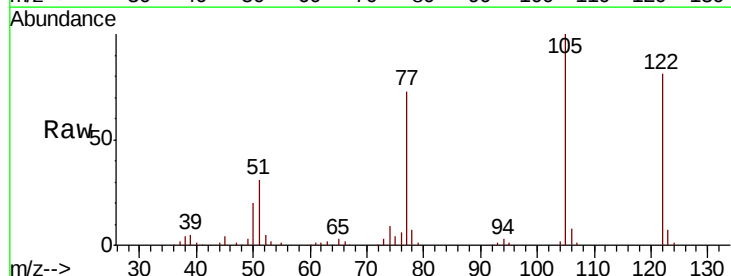


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

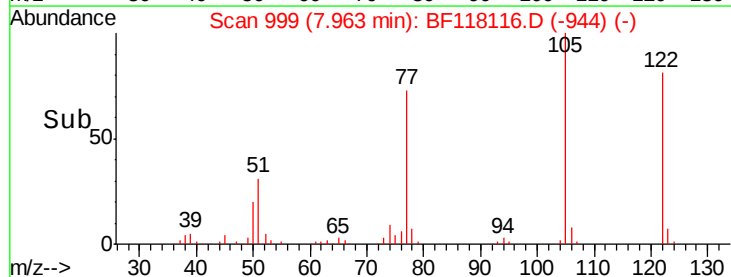
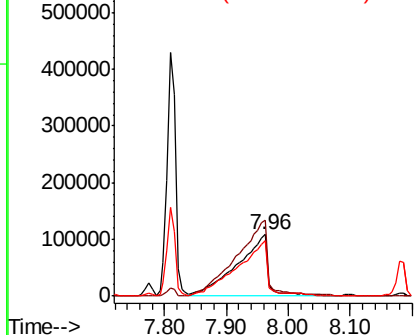


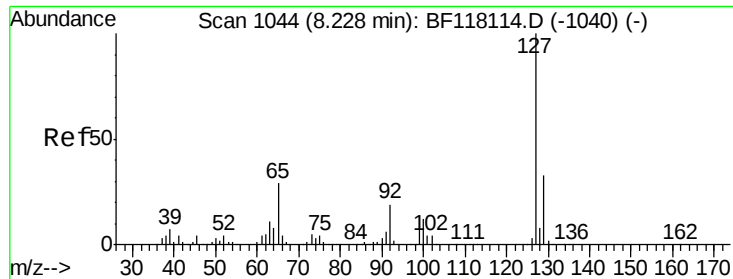
#32
Benzoic acid
Concen: 63.156 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.02 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion:122 Resp: 373685
Ion Ratio Lower Upper
122 100
105 123.4 104.7 144.7
77 90.7 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

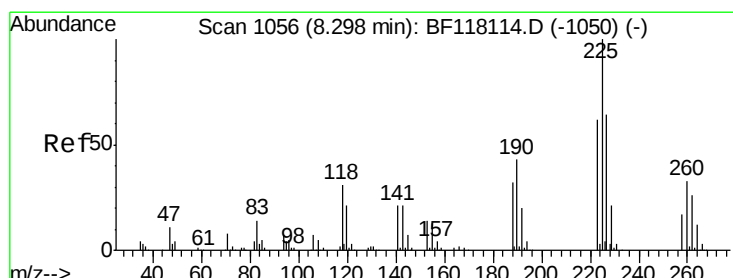
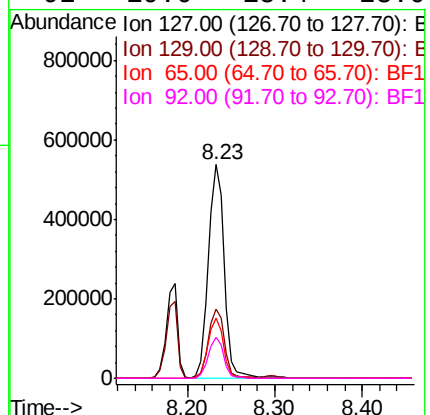
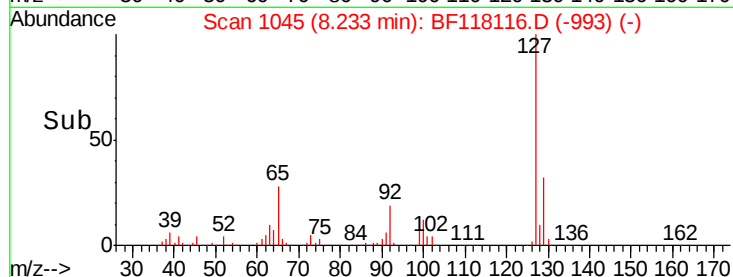
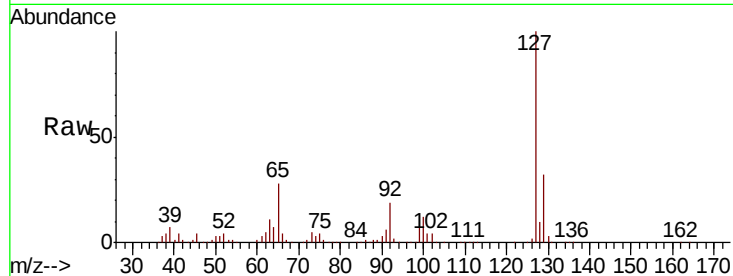




#33
4-Chloroaniline
Concen: 61.066 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

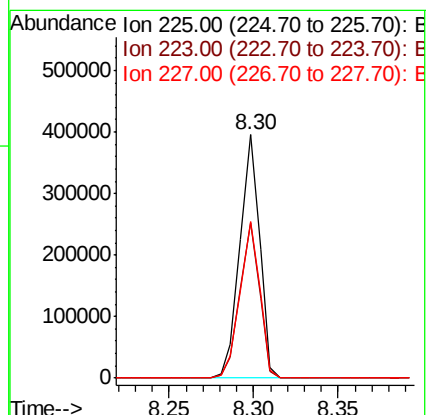
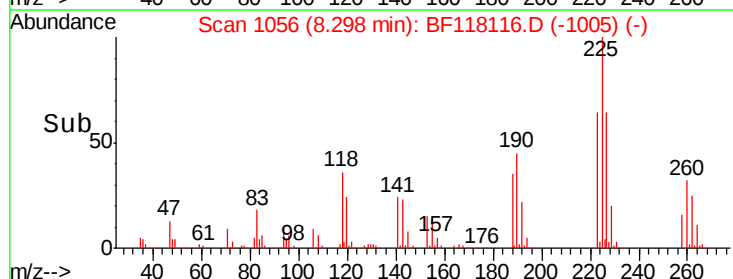
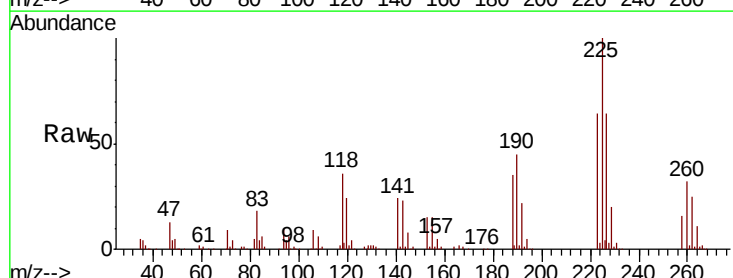
Instrument :
BNA_F
ClientSampleId :

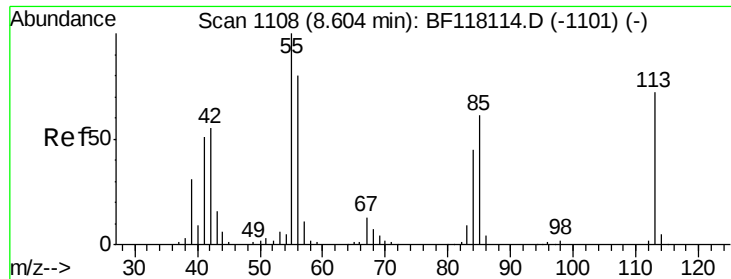
Tot Ion:	127	Resp:	686170
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.6	40.0
65	28.1	23.2	34.8
92	19.0	15.4	23.0



#34
Hexachlorobutadiene
Concen: 61.981 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion:	225	Resp:	322199
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.6	74.4
227	64.5	51.0	76.6

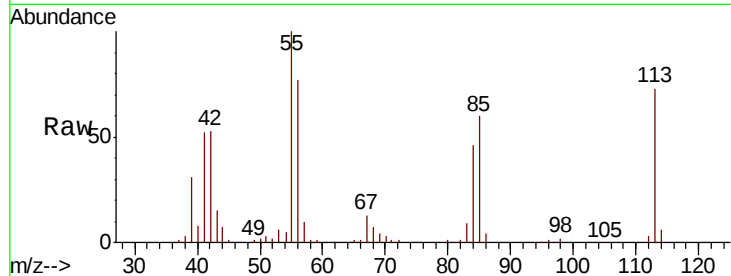




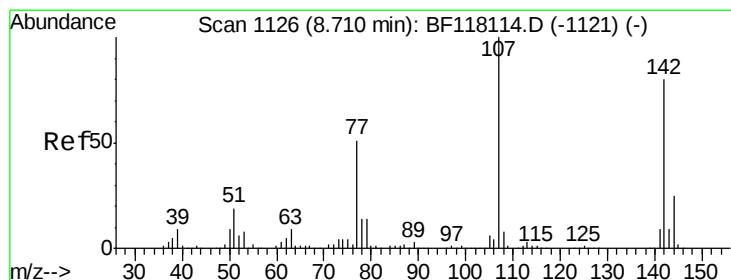
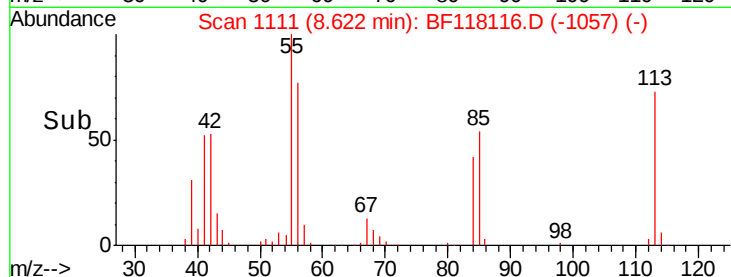
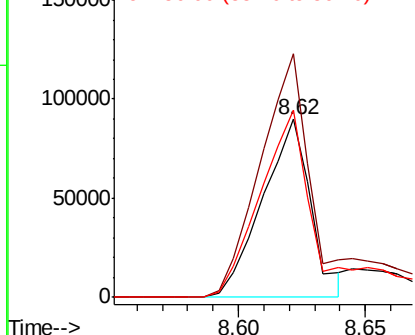
#35
Caprolactam
Concen: 49.003 ng
RT: 8.62 min Scan# 1111
Delta R.T. 0.02 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 119377
Ion Ratio Lower Upper
113 100
55 136.6 118.9 158.9
56 105.1 91.4 131.4

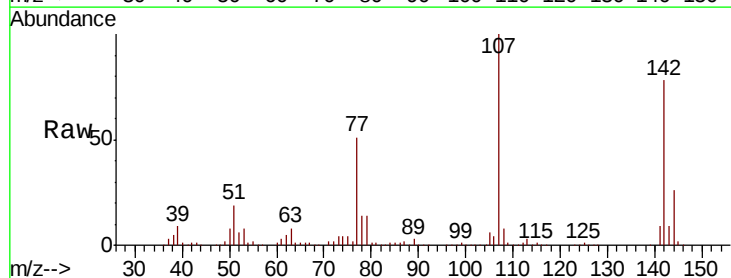


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

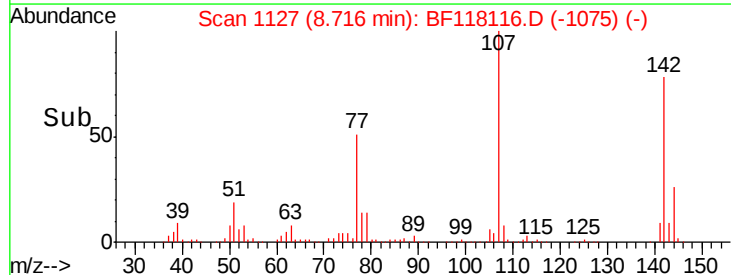
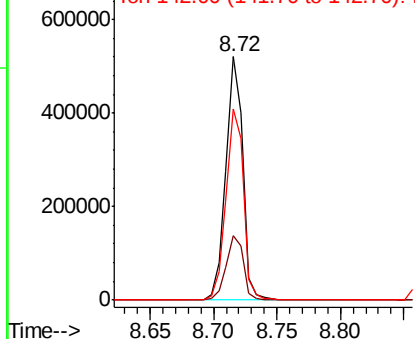


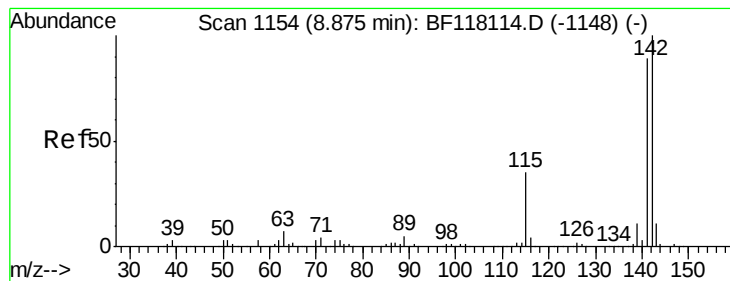
#36
4-Chloro-3-methylphenol
Concen: 62.010 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion:107 Resp: 482381
Ion Ratio Lower Upper
107 100
144 26.2 20.3 30.5
142 78.2 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: 63.236 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Instrument :

BNA_F

ClientSampleId :

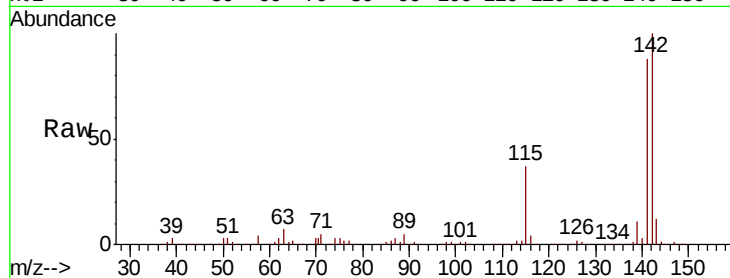
Tot Ion:142 Resp: 1072414

Ion Ratio Lower Upper

142 100

141 88.2 71.4 107.0

115 37.0 28.2 42.4

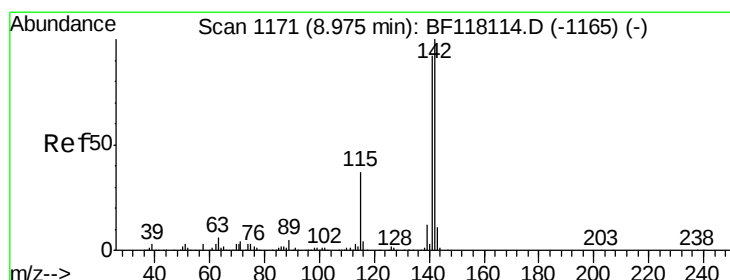
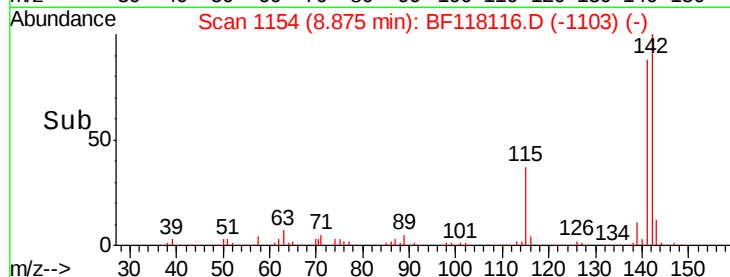
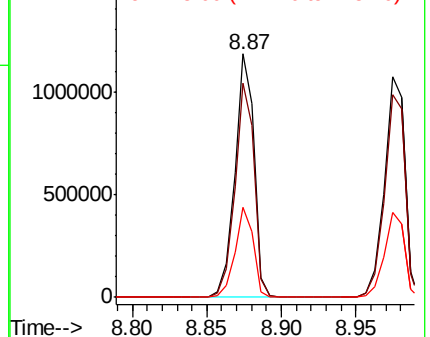


Abundance

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: 62.448 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

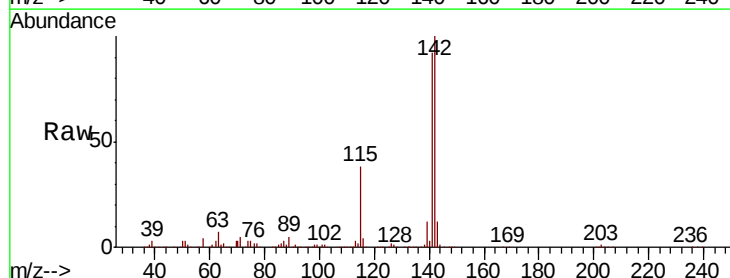
Tgt Ion:142 Resp: 1001222

Ion Ratio Lower Upper

142 100

141 91.7 74.0 111.0

116 3.9 3.2 4.8

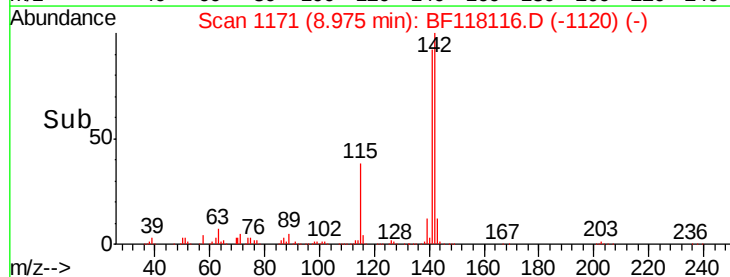
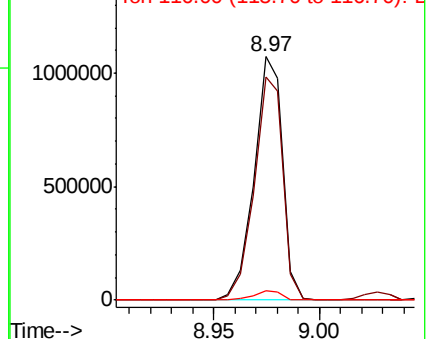


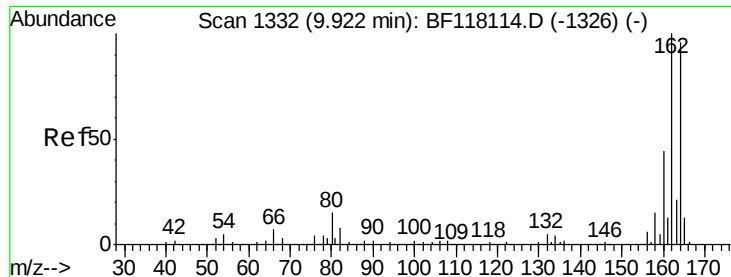
Abundance

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

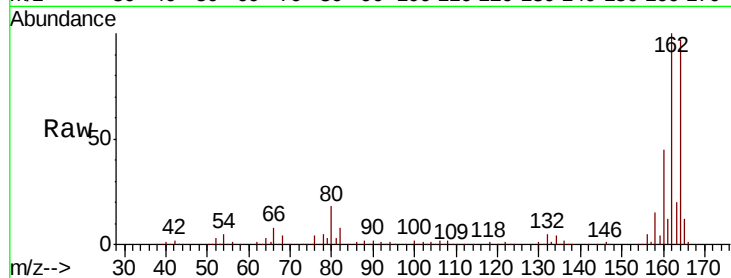




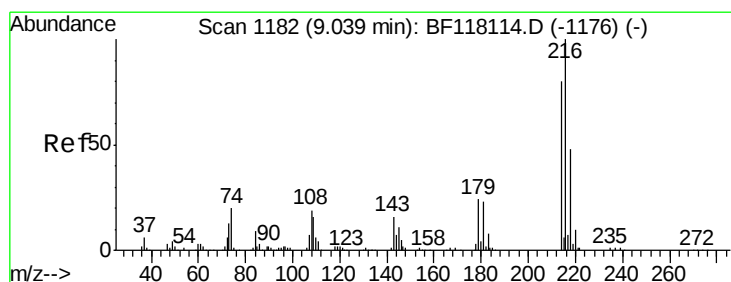
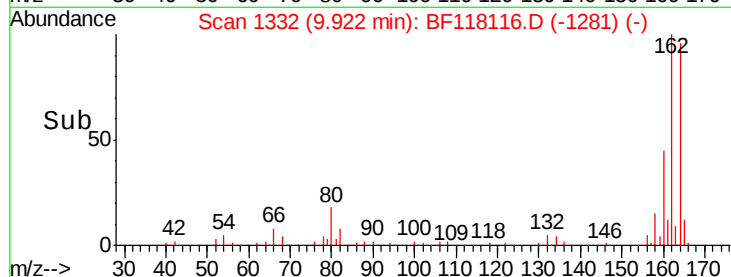
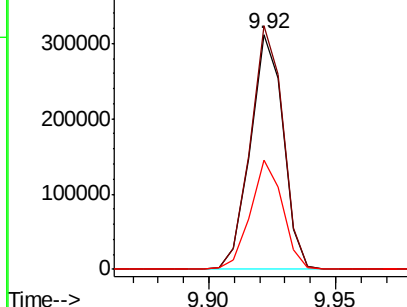
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 282719
Ion Ratio Lower Upper
164 100
162 103.5 83.4 125.0
160 46.3 36.6 54.8

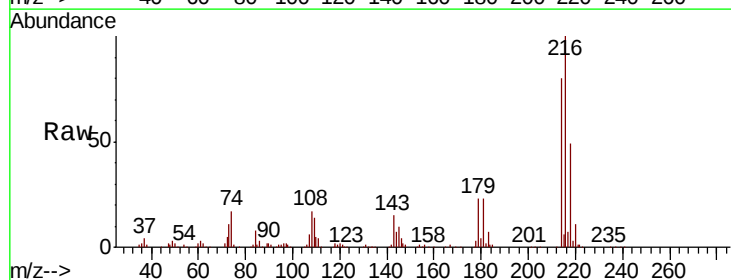


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

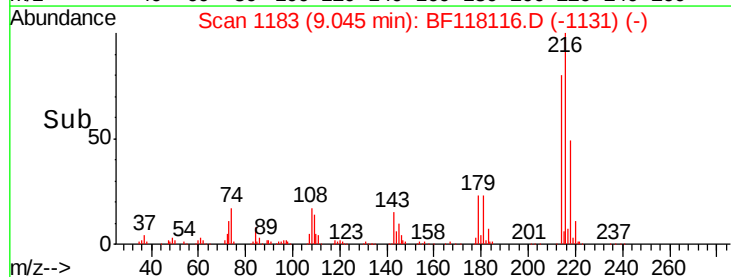
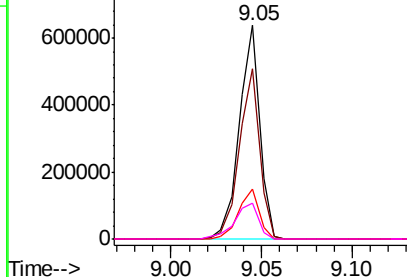


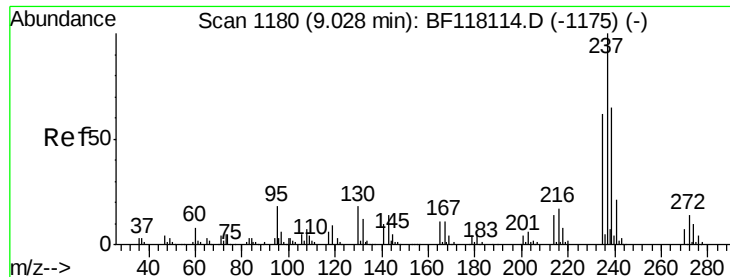
#40
1,2,4,5-Tetrachlorobenzene
Concen: 61.012 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion:216 Resp: 500935
Ion Ratio Lower Upper
216 100
214 79.6 63.4 95.2
179 23.5 18.6 27.8
108 19.8 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: 54.121 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Instrument :

BNA_F

ClientSampleId :

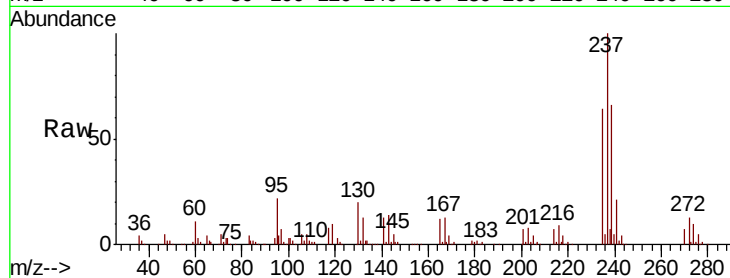
Tot Ion:237 Resp: 249017

Ion Ratio Lower Upper

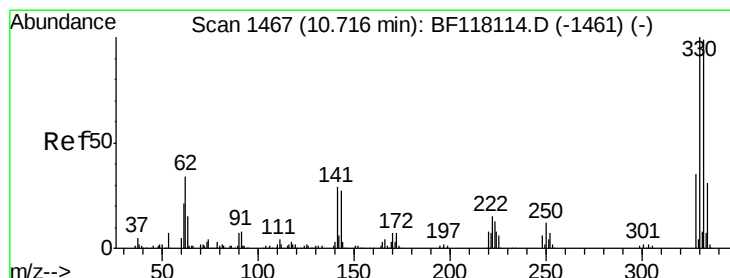
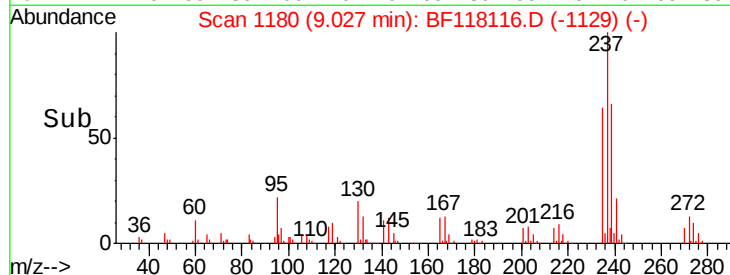
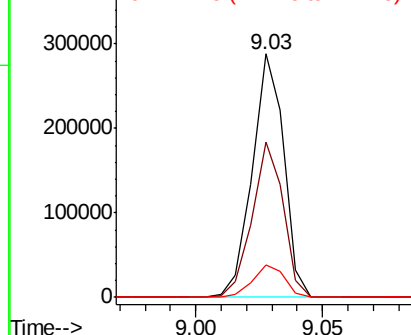
237 100

235 63.7 41.5 81.5

272 13.4 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: 135.826 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.01 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

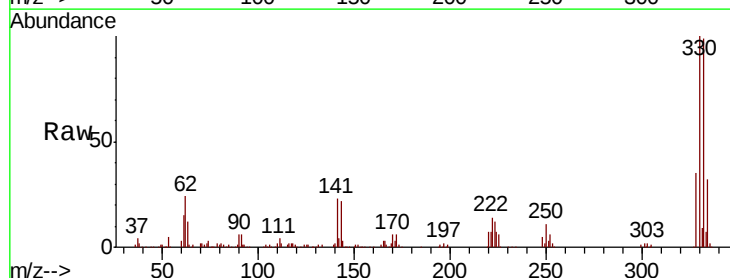
Tgt Ion:330 Resp: 406544

Ion Ratio Lower Upper

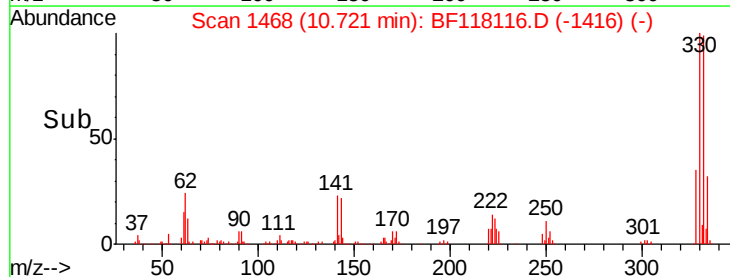
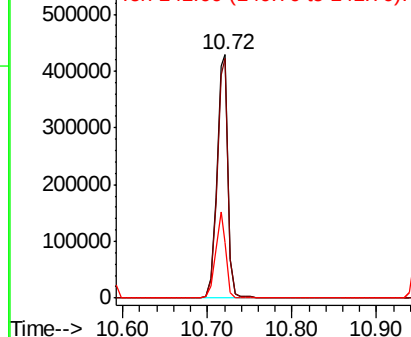
330 100

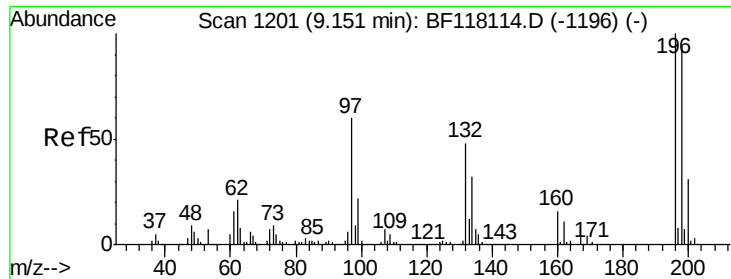
332 96.5 78.1 117.1

141 32.5 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

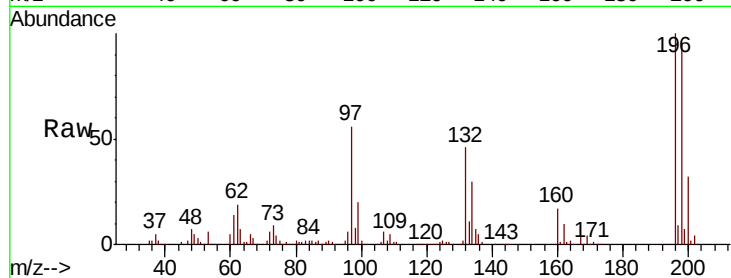




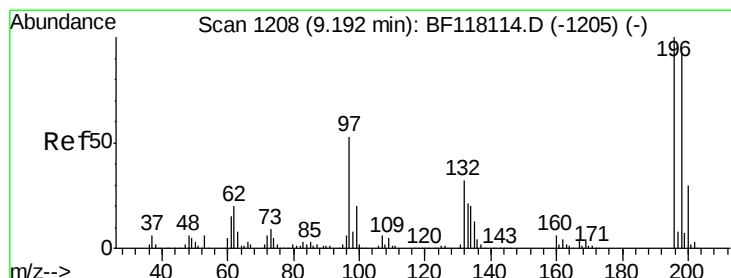
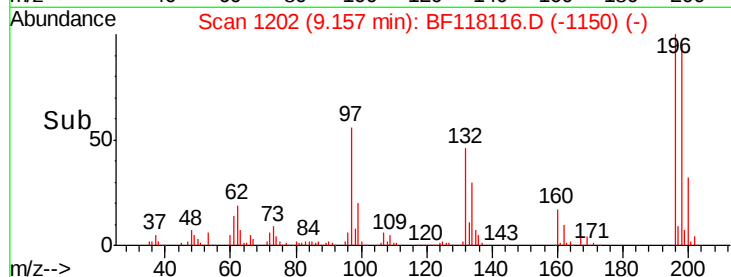
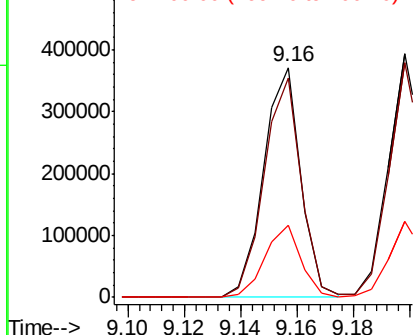
#43
 2,4,6-Trichlorophenol
 Concen: 57.520 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF118116.D
 Acq: 6 Dec 2019 15:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 338264
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.0 112.4
 200 31.5 24.5 36.7

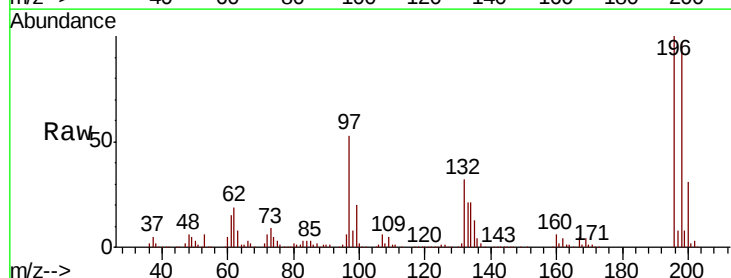


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

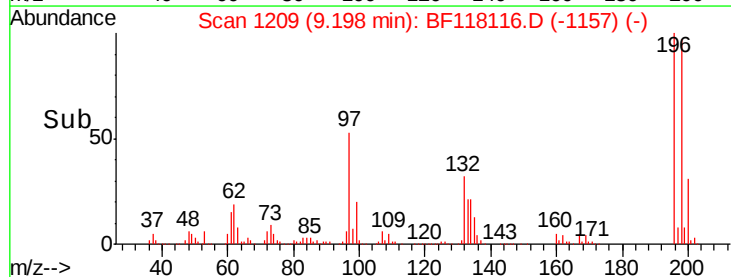
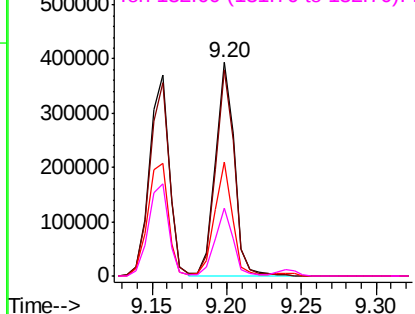


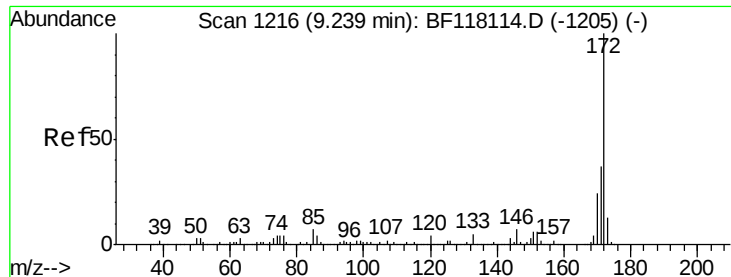
#44
 2,4,5-Trichlorophenol
 Concen: 57.260 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF118116.D
 Acq: 6 Dec 2019 15:55

Tgt Ion:196 Resp: 349623
 Ion Ratio Lower Upper
 196 100
 198 96.6 74.2 111.4
 97 53.3 42.5 63.7
 132 32.0 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

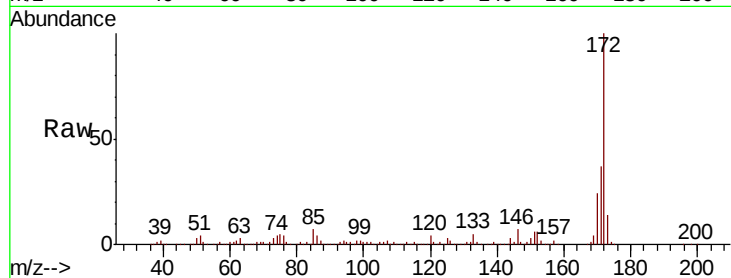




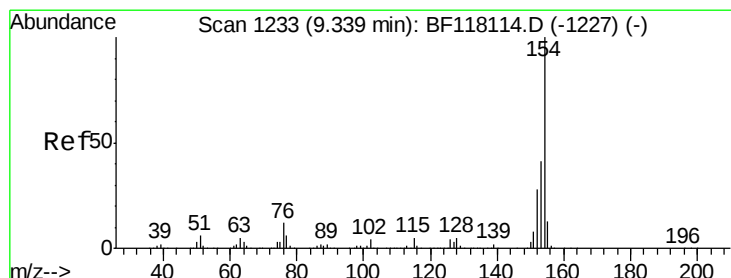
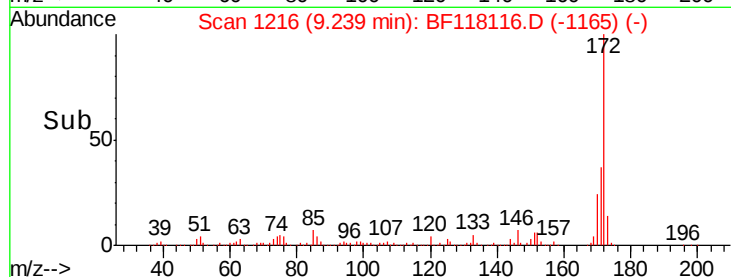
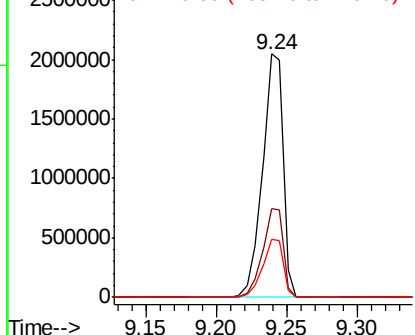
#45
2-Fluorobiphenyl
Concen: 135.261 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2131552
Ion Ratio Lower Upper
172 100
171 36.5 29.2 43.8
170 24.0 19.4 29.2

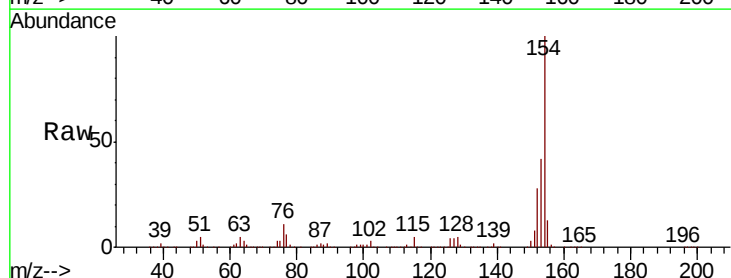


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

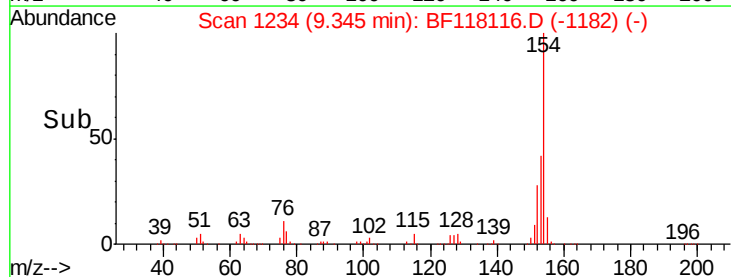
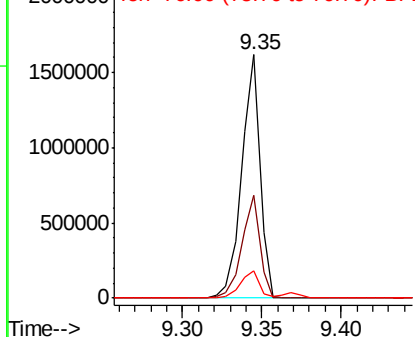


#46
1,1'-Biphenyl
Concen: 61.559 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion:154 Resp: 1291201
Ion Ratio Lower Upper
154 100
153 42.4 20.7 60.7
76 11.3 0.0 31.9



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

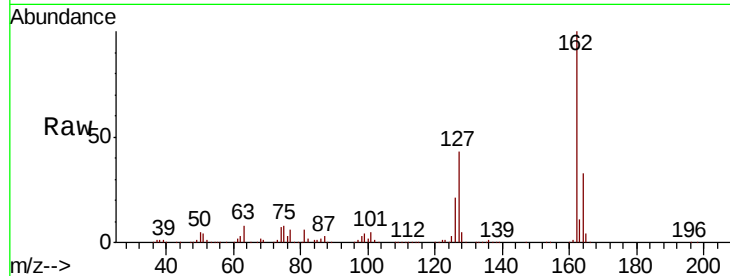




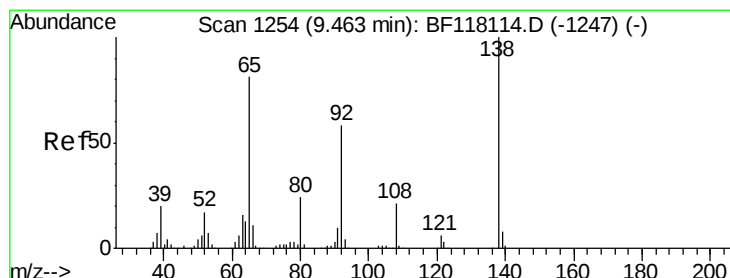
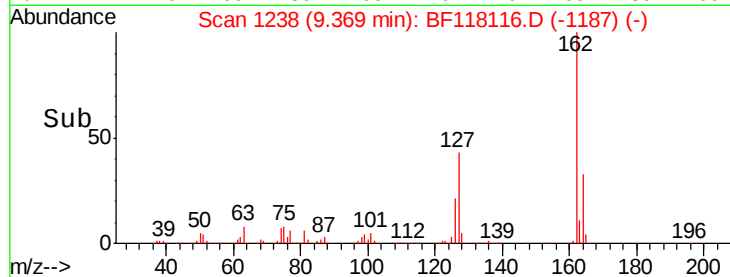
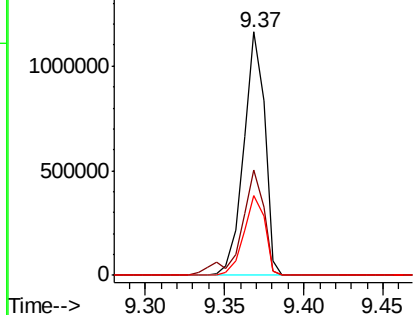
#47
2-Chloronaphthalene
Concen: 61.340 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1058437
Ion Ratio Lower Upper
162 100
127 43.2 32.0 48.0
164 32.8 26.1 39.1

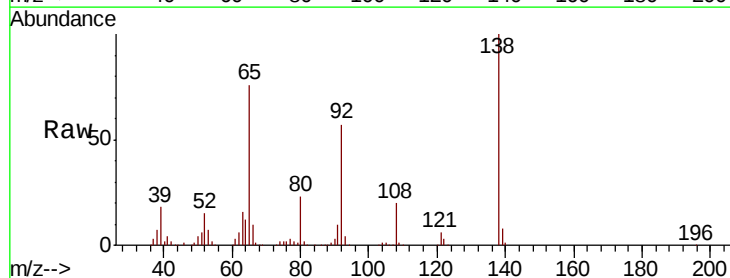


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

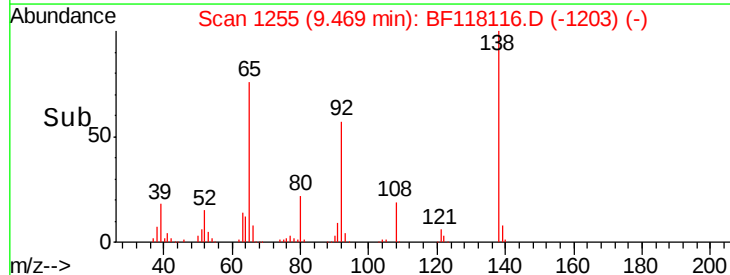
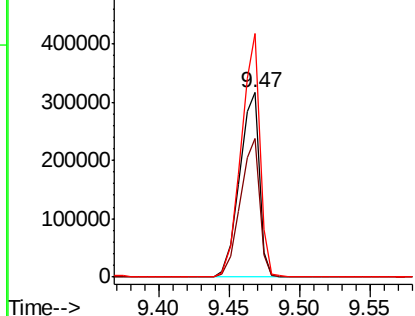


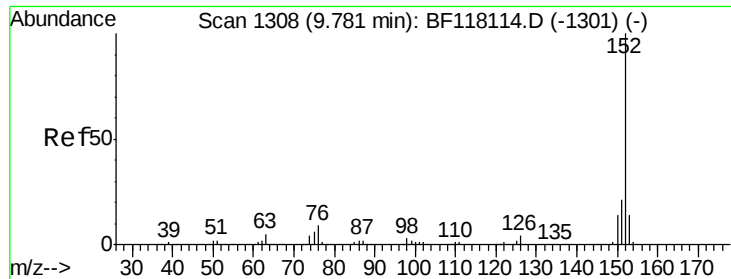
#48
2-Nitroaniline
Concen: 59.136 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion: 65 Resp: 308066
Ion Ratio Lower Upper
65 100
92 75.0 57.8 86.6
138 132.0 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: 61.170 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Instrument :

BNA_F

ClientSampleId :

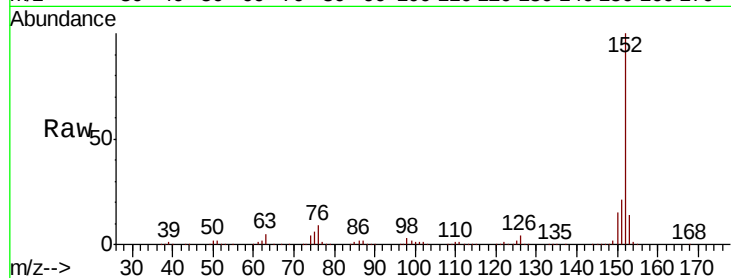
Tot Ion:152 Resp: 1538872

Ion Ratio Lower Upper

152 100

151 21.1 16.4 24.6

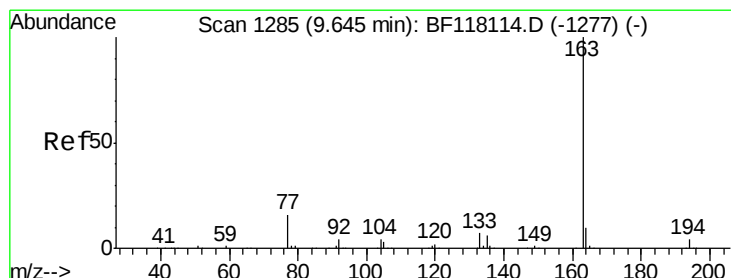
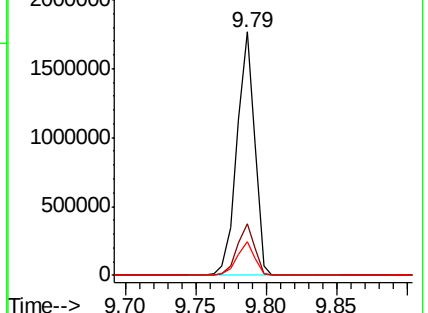
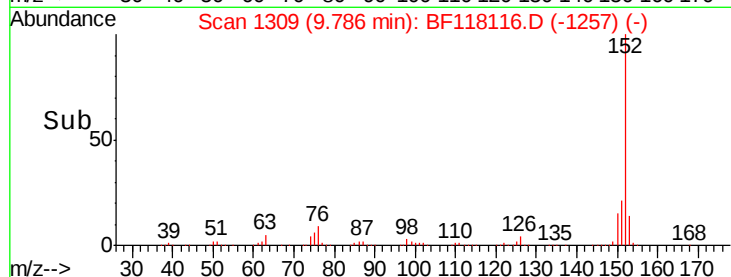
153 13.7 10.8 16.2



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: 61.876 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

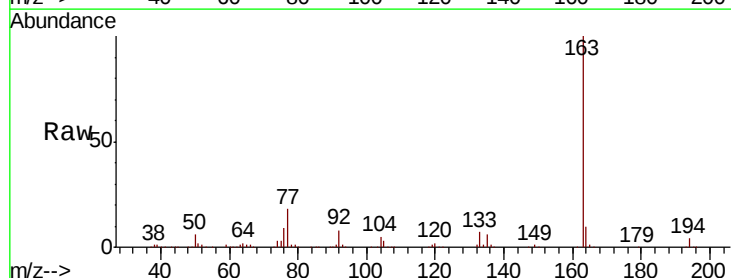
Tgt Ion:163 Resp: 1226725

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

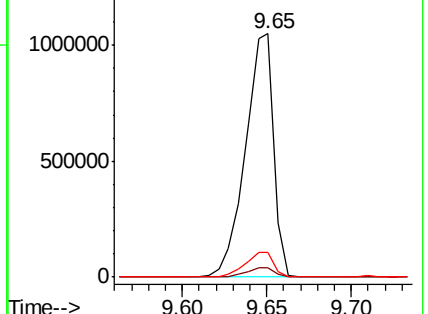
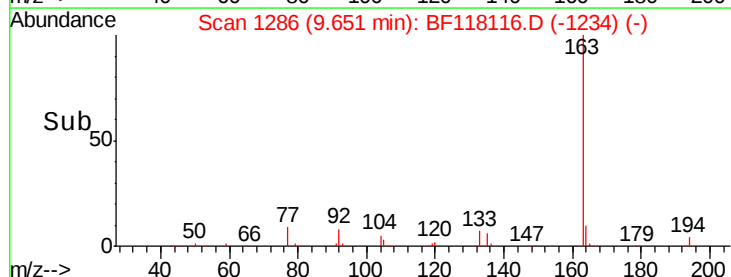
164 9.9 7.7 11.5

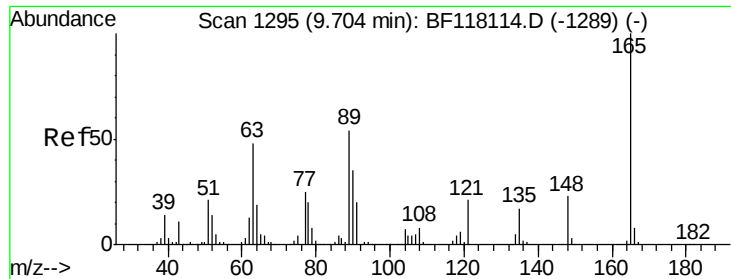


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

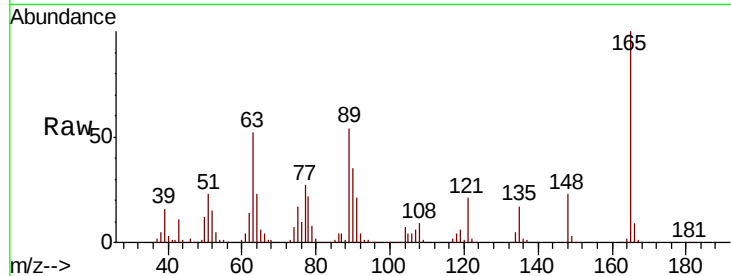




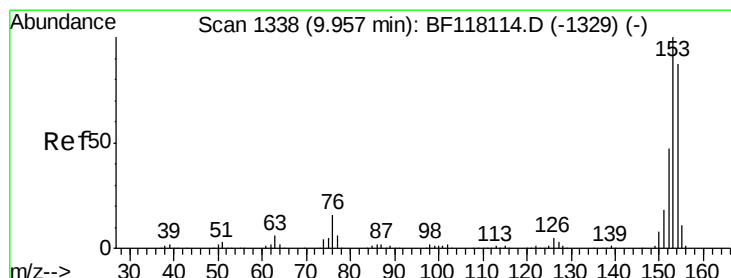
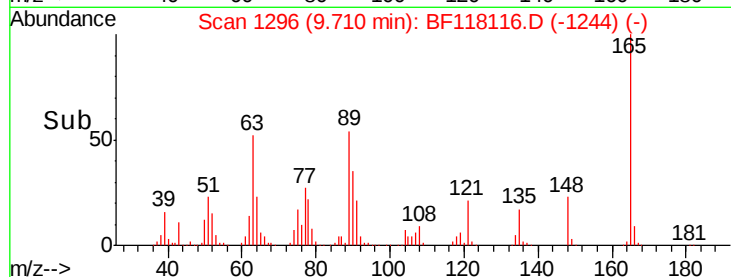
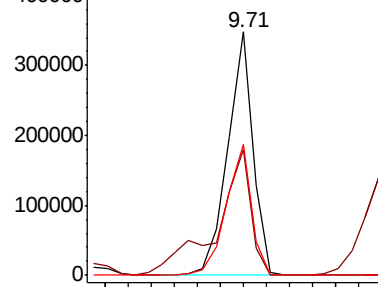
#51
2,6-Dinitrotoluene
Concen: 61.746 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.9	41.4	62.0
89	53.6	42.9	64.3

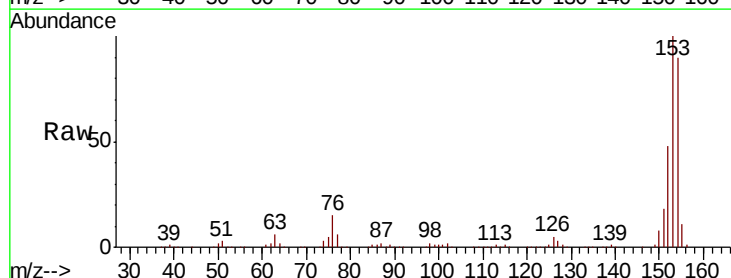


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

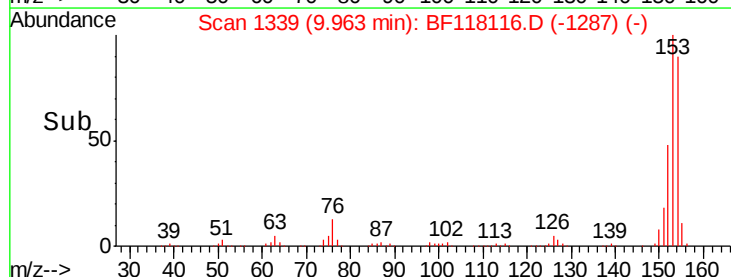
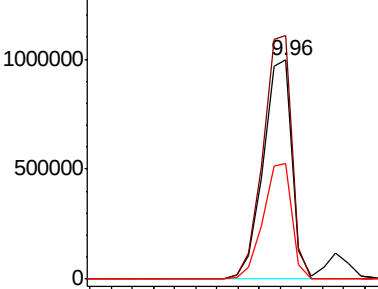


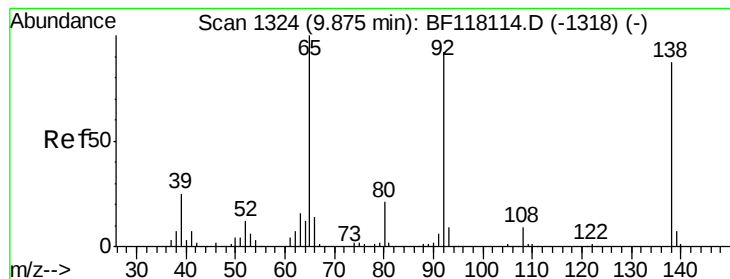
#52
Acenaphthene
Concen: 58.906 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.3	91.8	137.6
152	52.9	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: 62.340 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Instrument :

BNA_F

ClientSampleId :

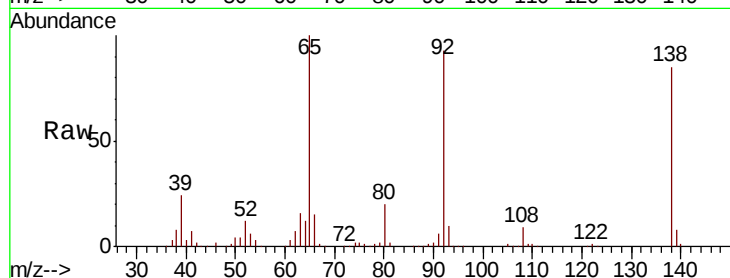
Tot Ion:138 Resp: 323215

Ion Ratio Lower Upper

138 100

108 10.9 8.2 12.4

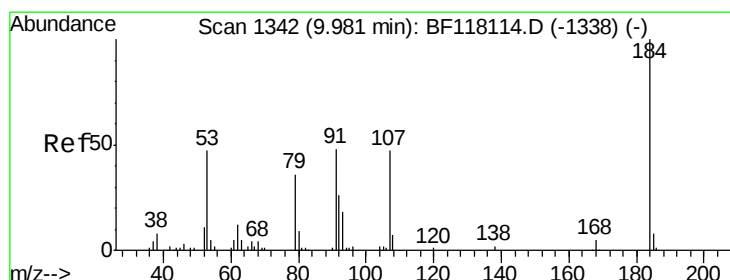
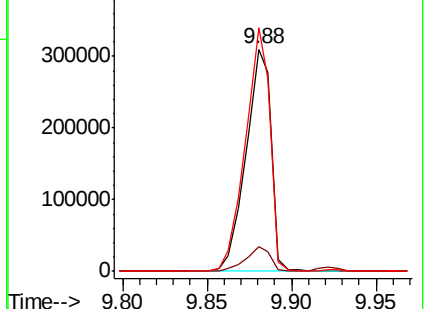
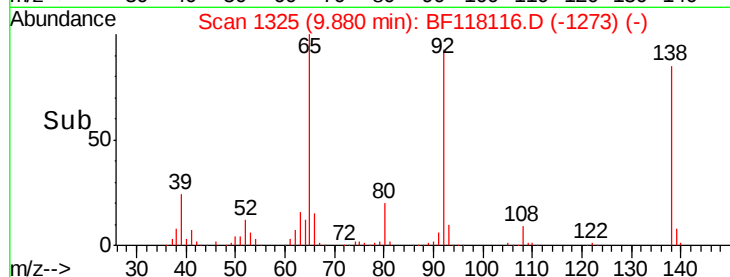
92 109.6 84.9 127.3



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: 76.735 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.01 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

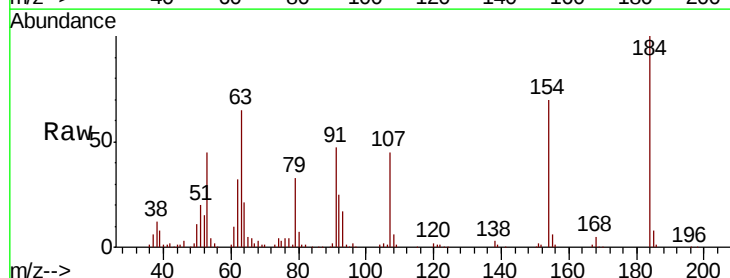
Tgt Ion:184 Resp: 147600

Ion Ratio Lower Upper

184 100

63 65.0 53.9 80.9

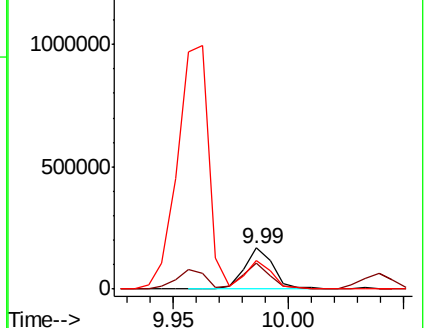
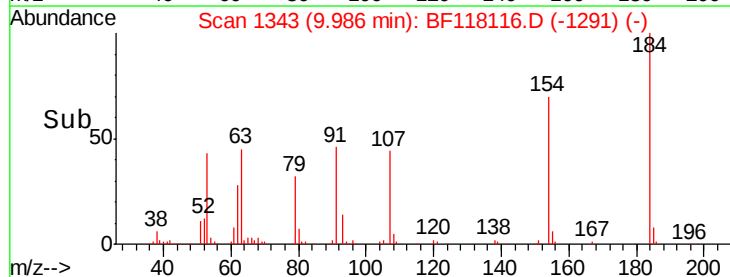
154 69.7 56.3 84.5

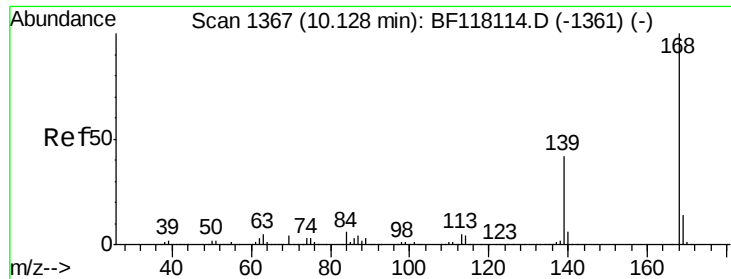


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

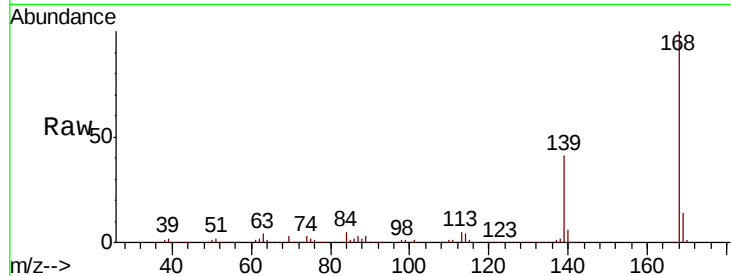




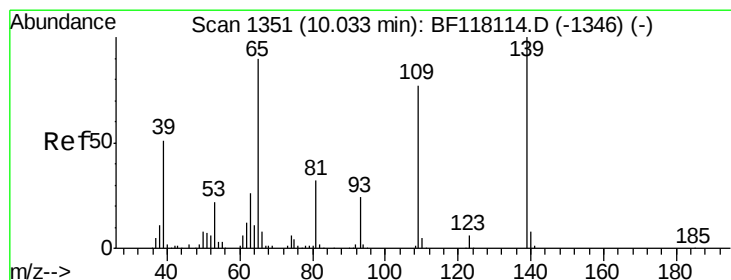
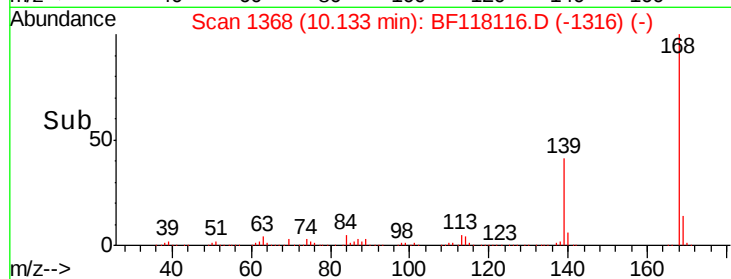
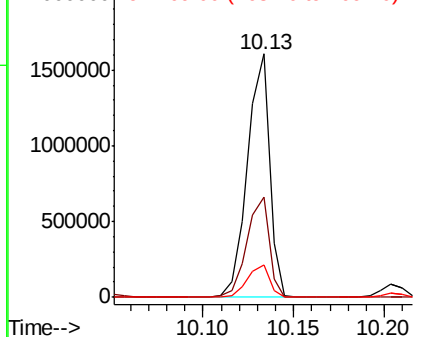
#55
Dibenzofuran
Concen: 61.375 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1369662
Ion Ratio Lower Upper
168 100
139 41.2 33.4 50.0
169 13.6 11.0 16.6

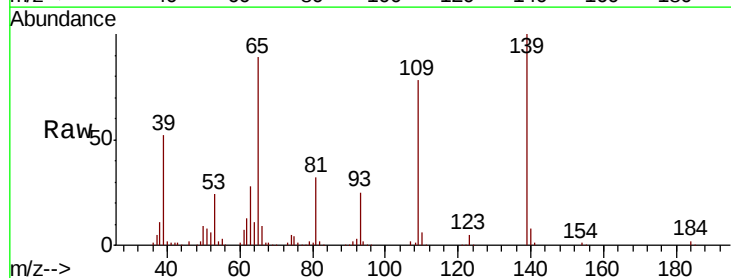


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

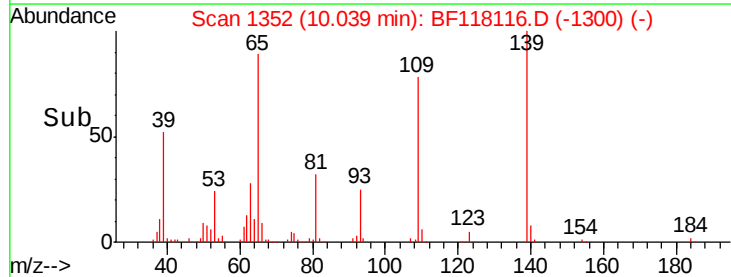
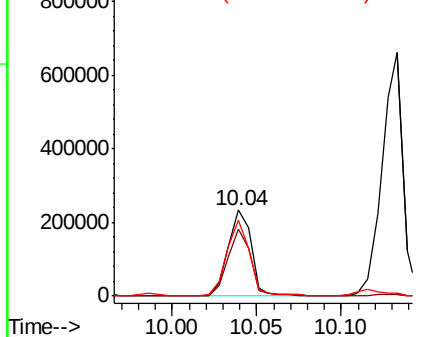


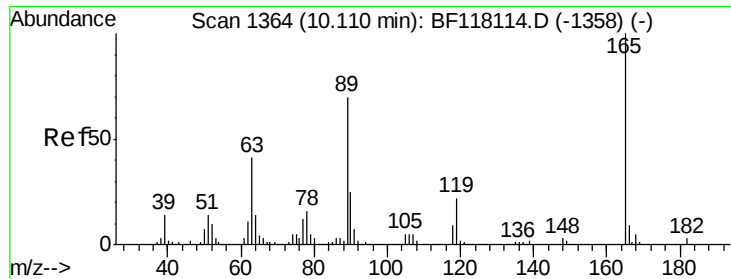
#56
4-Nitrophenol
Concen: 59.026 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion:139 Resp: 228433
Ion Ratio Lower Upper
139 100
109 78.4 57.3 97.3
65 89.0 70.2 110.2



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

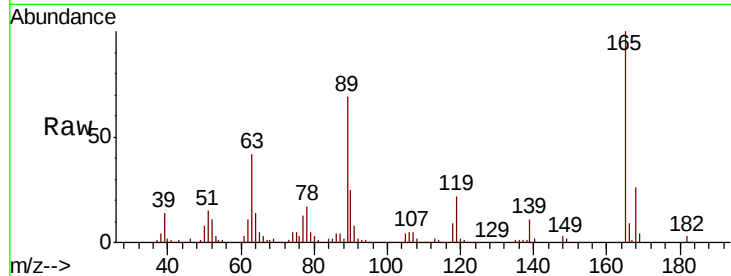




#57
2,4-Dinitrotoluene
Concen: 66.862 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.5	32.6	49.0
89	69.2	56.1	84.1
182	2.5	2.1	3.1



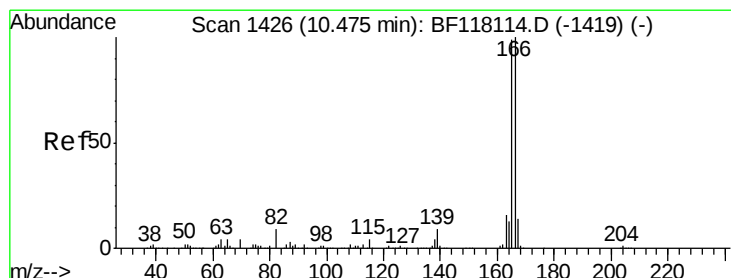
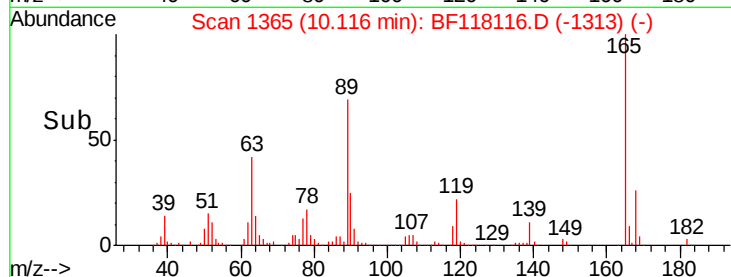
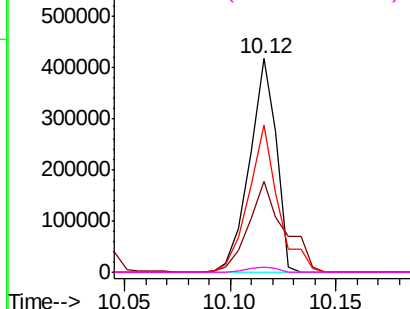
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

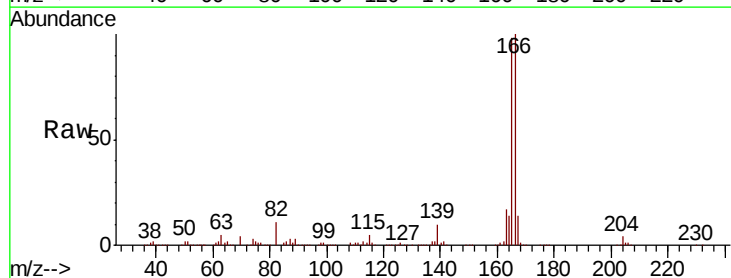
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 63.139 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.0	118.4
167	13.8	10.9	16.3

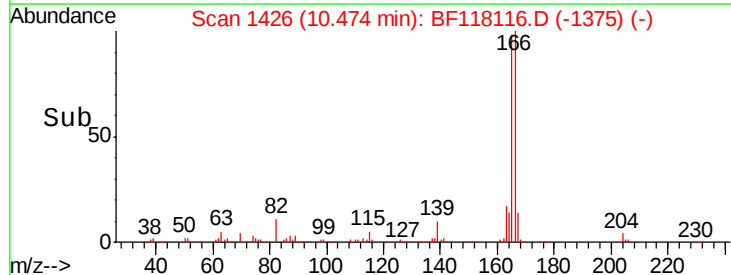
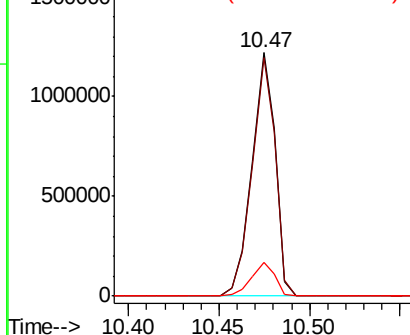


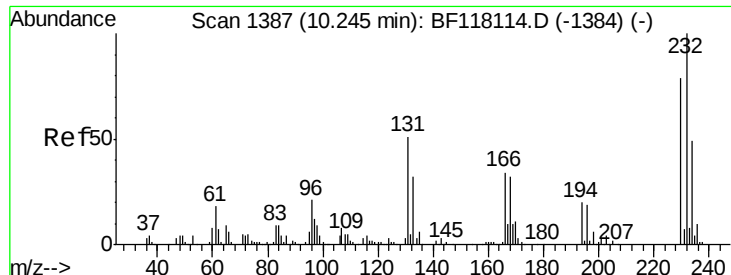
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

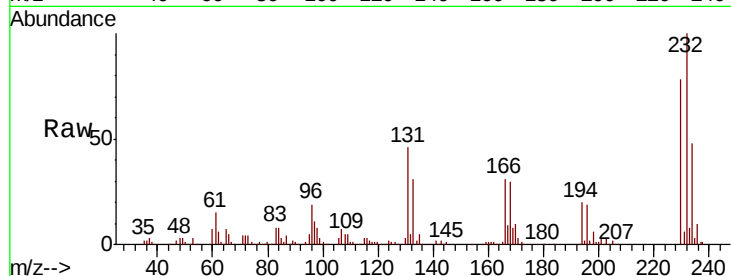




#59
2,3,4,6-Tetrachlorophenol
Concen: 58.274 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.9	38.8	58.2
130	2.6	1.9	2.9
166	32.1	25.4	38.0



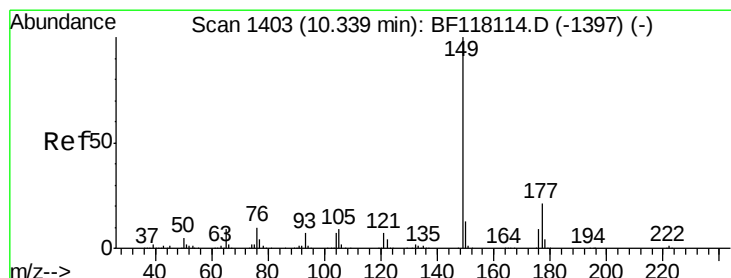
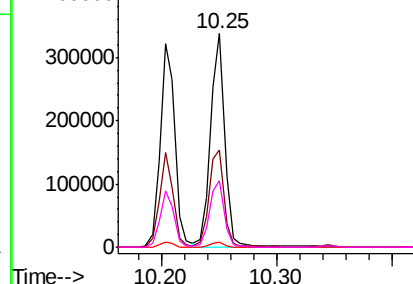
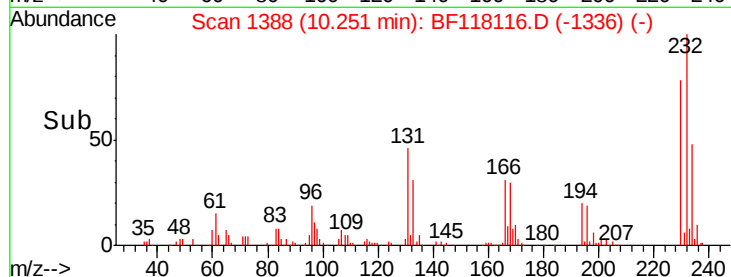
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

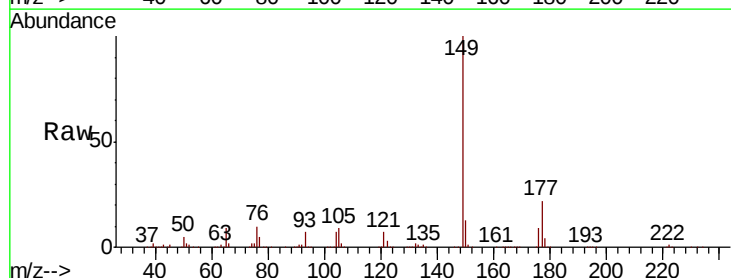
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 62.615 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.0	25.4
150	12.9	10.1	15.1

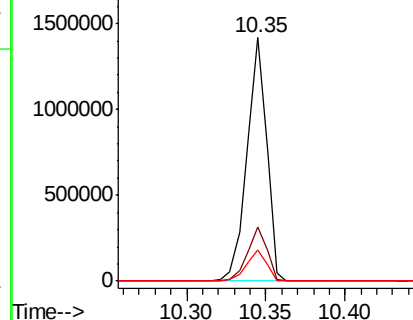
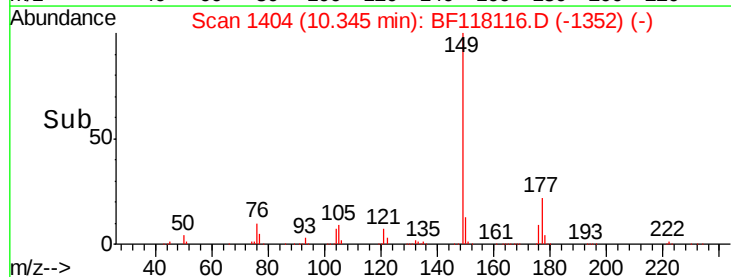


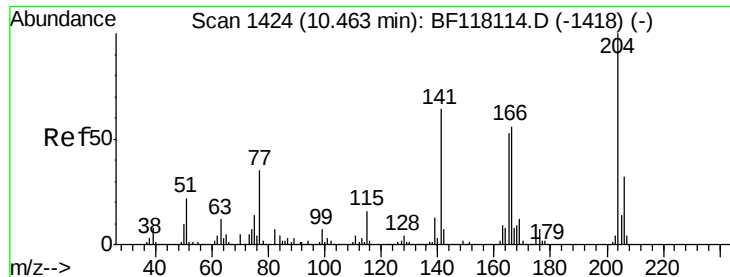
Abundance

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

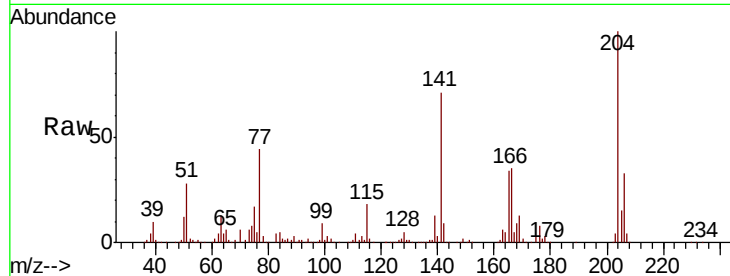




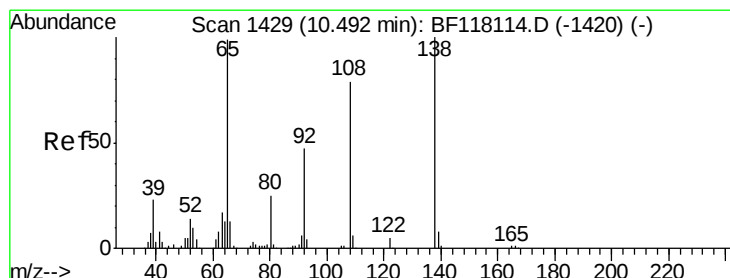
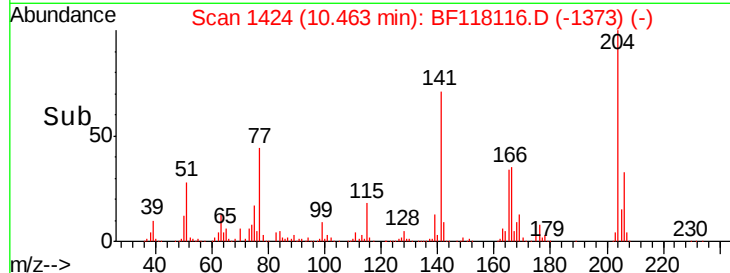
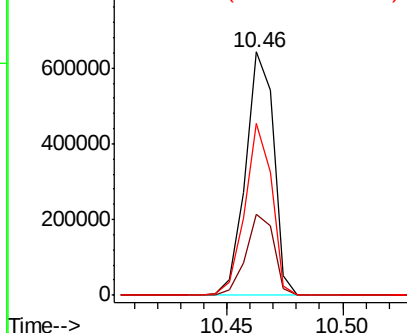
#61
4-Chlorophenyl-phenylether
Concen: 62.446 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 548036
Ion Ratio Lower Upper
204 100
206 33.1 26.0 39.0
141 70.7 51.0 76.6

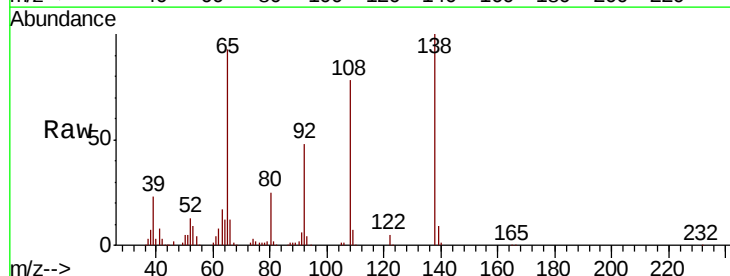


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

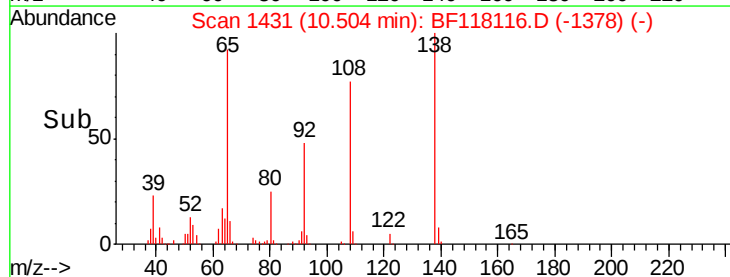
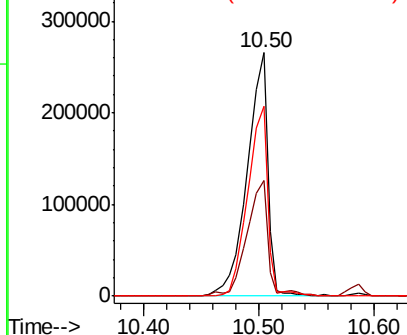


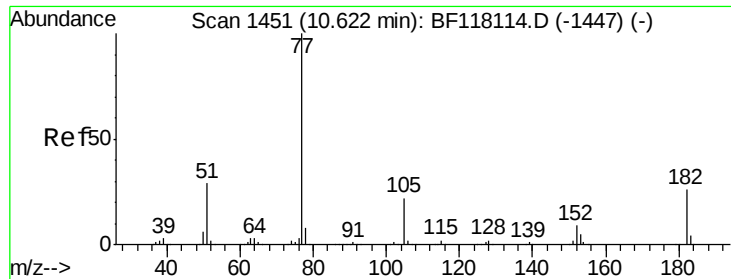
#62
4-Nitroaniline
Concen: 63.425 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion:138 Resp: 329250
Ion Ratio Lower Upper
138 100
92 47.6 27.1 67.1
108 77.7 59.0 99.0



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





#63

Azobenzene

Concen: 59.015 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1037749

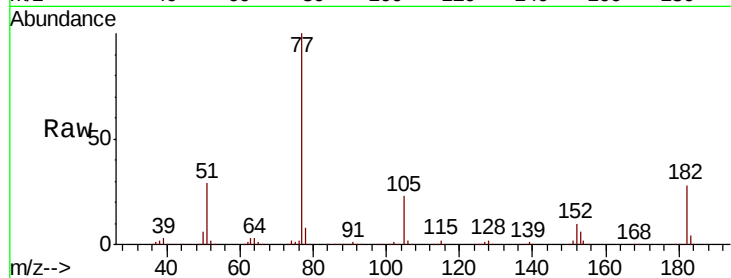
Ion Ratio Lower Upper

77 100

182 28.5 5.7 45.7

105 22.6 2.2 42.2

51 29.4 9.6 49.6

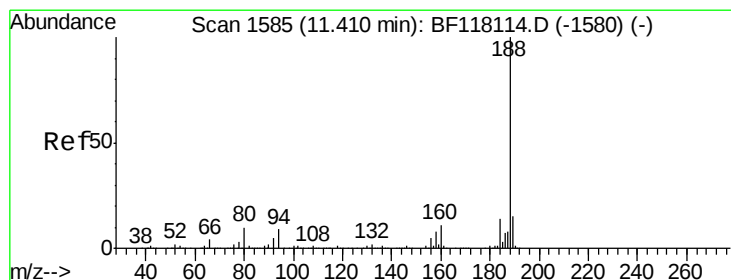
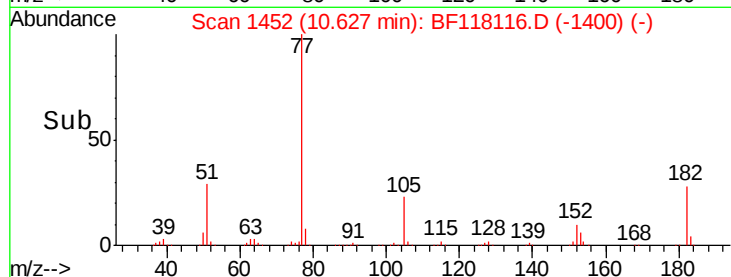
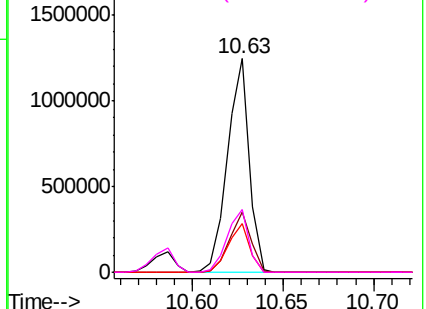


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

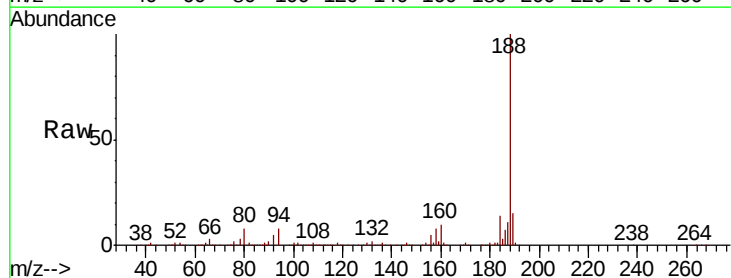
Tgt Ion: 188 Resp: 532425

Ion Ratio Lower Upper

188 100

94 7.8 7.1 10.7

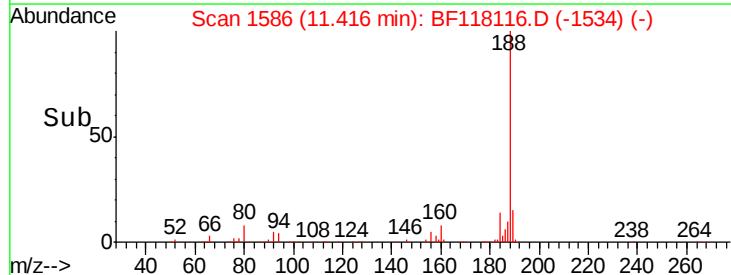
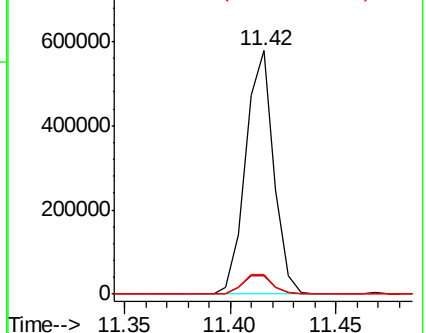
80 8.1 7.9 11.9

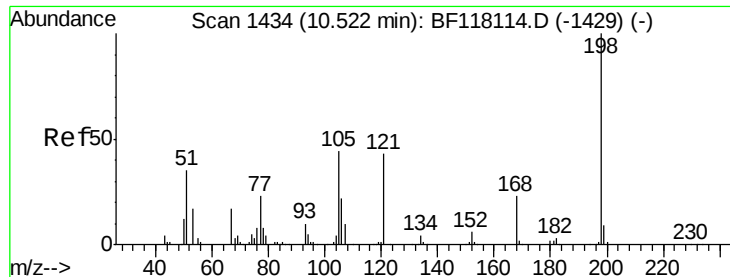


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

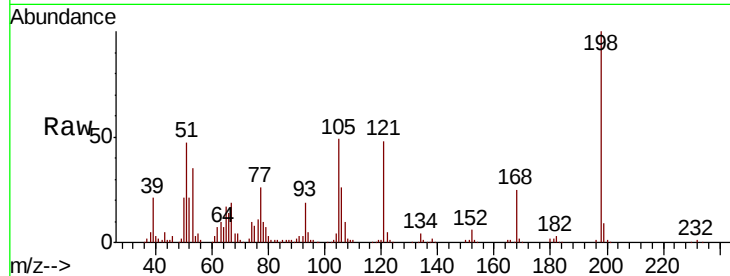




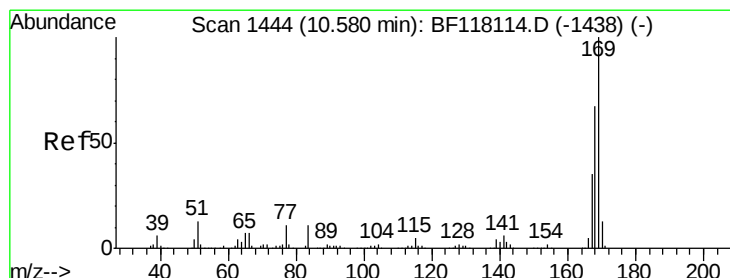
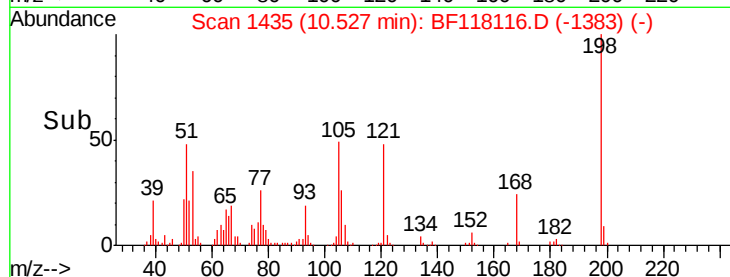
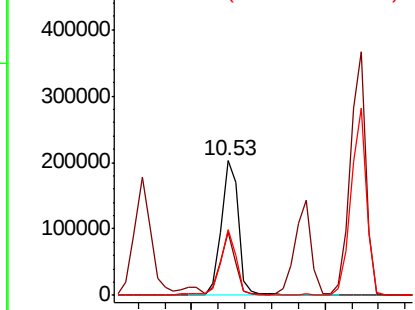
#65
4,6-Dinitro-2-methylphenol
Concen: 74.741 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 185773
Ion Ratio Lower Upper
198 100
51 47.4 22.0 62.0
105 49.1 25.6 65.6

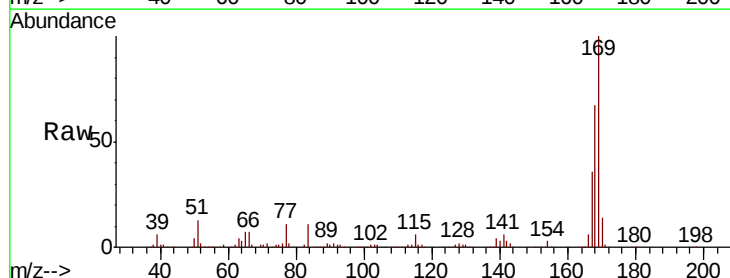


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

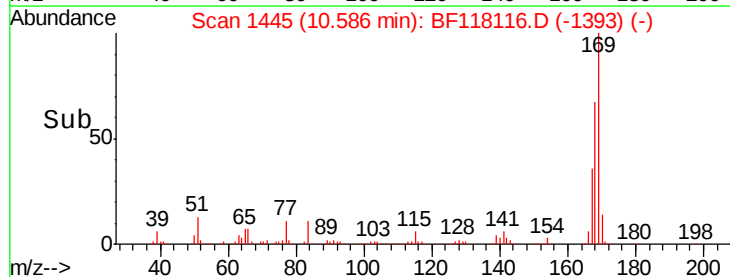
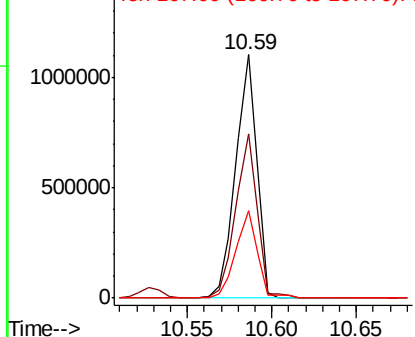


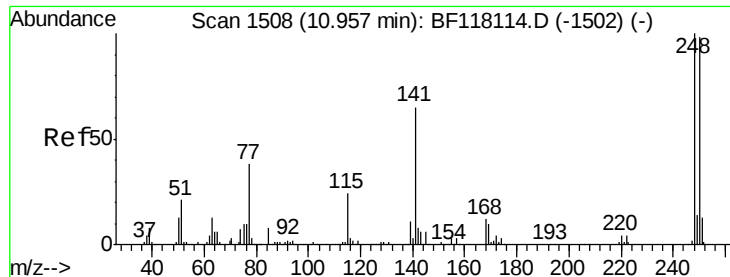
#66
n-Nitrosodiphenylamine
Concen: 61.771 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion:169 Resp: 957143
Ion Ratio Lower Upper
169 100
168 67.2 53.4 80.2
167 36.1 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

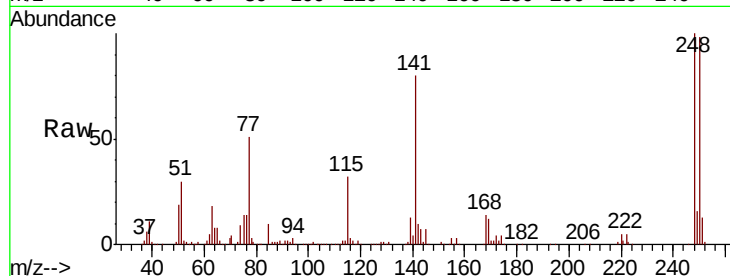




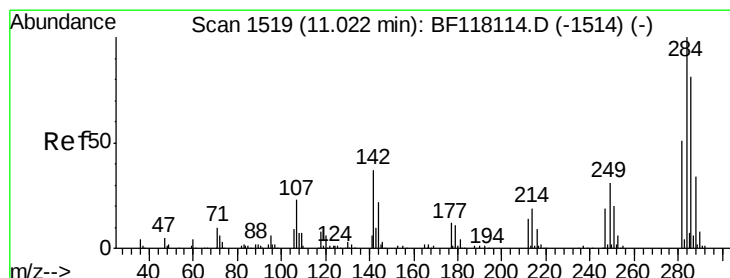
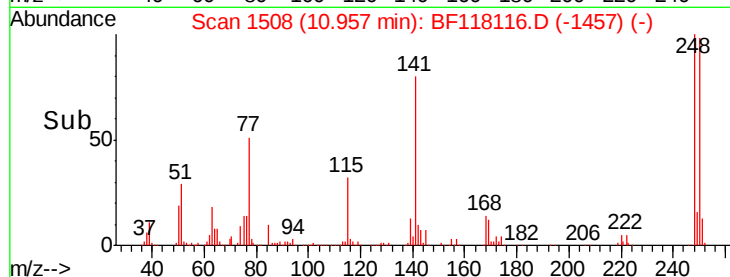
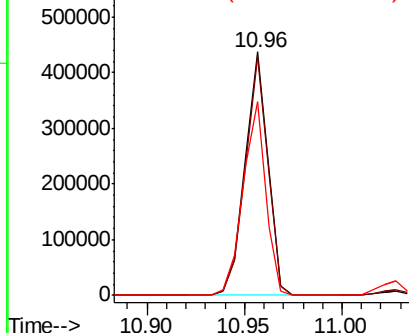
#67
 4-Bromophenyl-phenylether
 Concen: 61.914 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.00 min
 Lab File: BF118116.D
 Acq: 6 Dec 2019 15:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 355683
 Ion Ratio Lower Upper
 248 100
 250 97.9 78.3 117.5
 141 79.7 52.2 78.4#

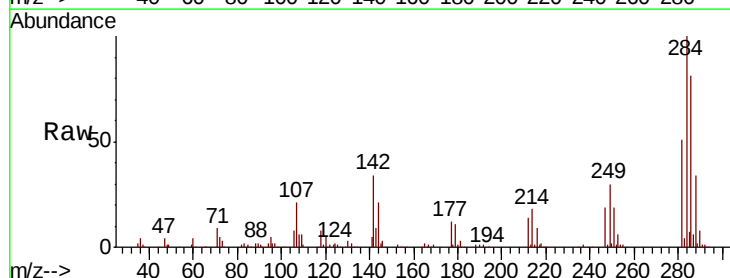


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

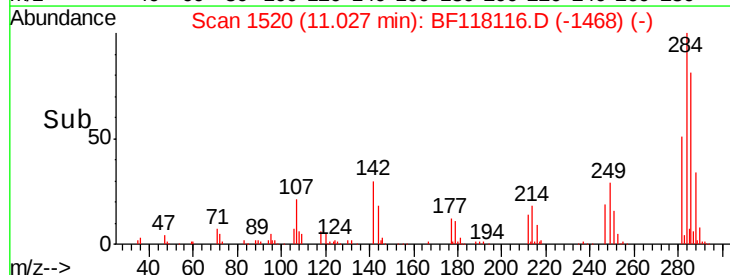
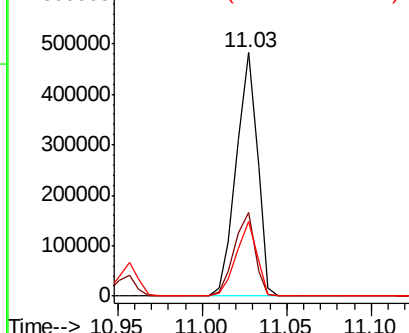


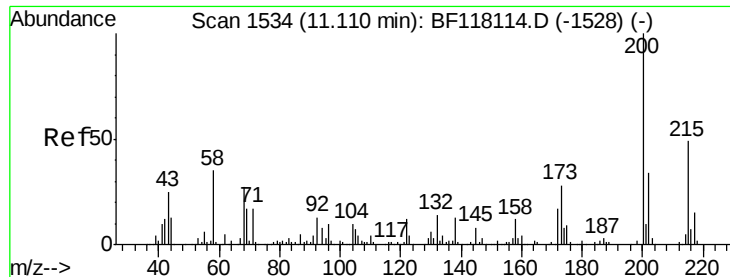
#68
 Hexachlorobenzene
 Concen: 62.921 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF118116.D
 Acq: 6 Dec 2019 15:55

Tgt Ion:284 Resp: 421490
 Ion Ratio Lower Upper
 284 100
 142 34.4 29.7 44.5
 249 30.5 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: 45.465 ng

RT: 11.11 min Scan# 1534

Delta R.T. -0.00 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Instrument :

BNA_F

ClientSampleId :

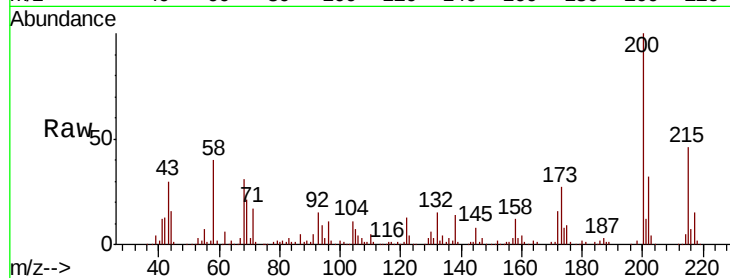
Tot Ion:200 Resp: 231744

Ion Ratio Lower Upper

200 100

173 27.0 8.1 48.1

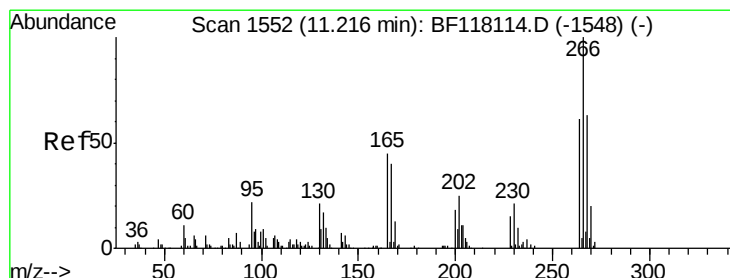
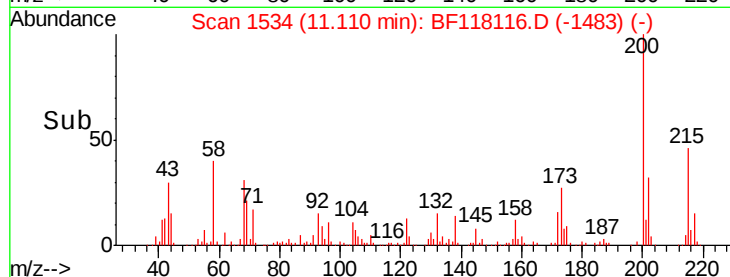
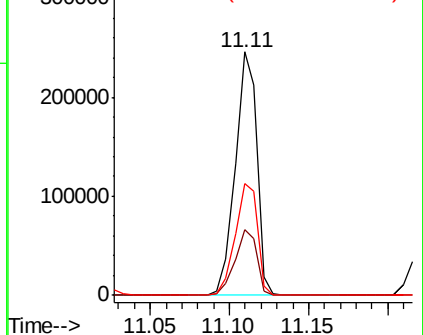
215 46.0 29.0 69.0



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: 53.510 ng

RT: 11.22 min Scan# 1553

Delta R.T. 0.01 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

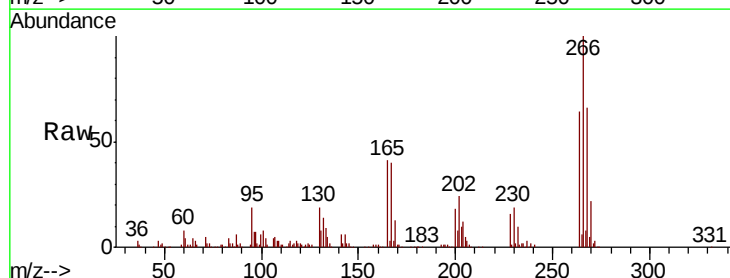
Tgt Ion:266 Resp: 209415

Ion Ratio Lower Upper

266 100

268 66.4 50.7 76.1

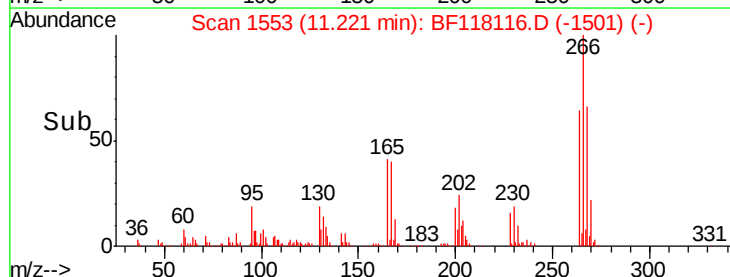
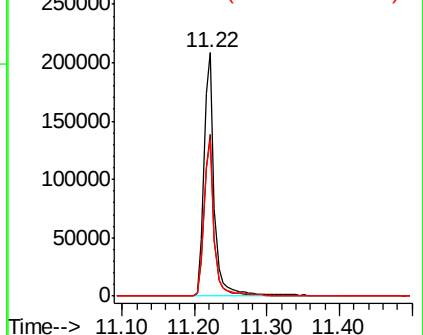
264 64.3 48.7 73.1

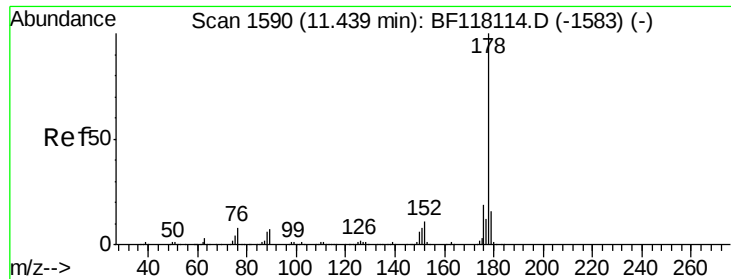


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 61.214 ng

RT: 11.44 min Scan# 1591

Delta R.T. 0.01 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Instrument :

BNA_F

ClientSampleId :

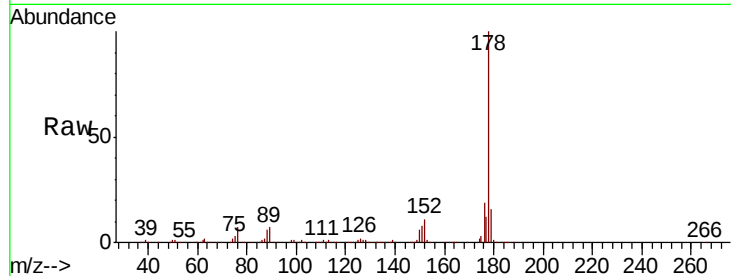
Tot Ion:178 Resp: 1638619

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.6	12.6	18.8

178 100

176 19.5 15.5 23.3

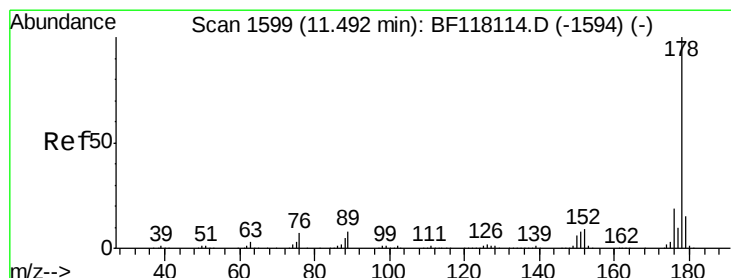
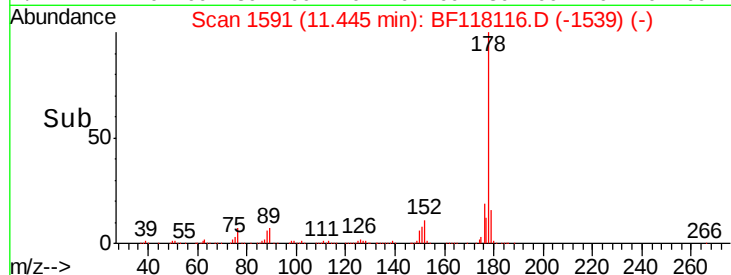
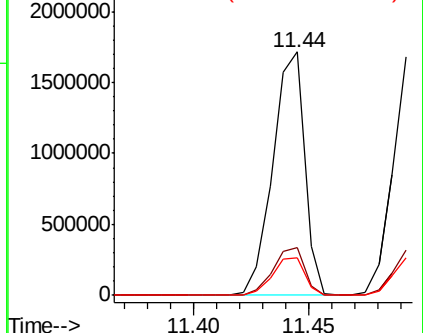
179 15.6 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 61.435 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

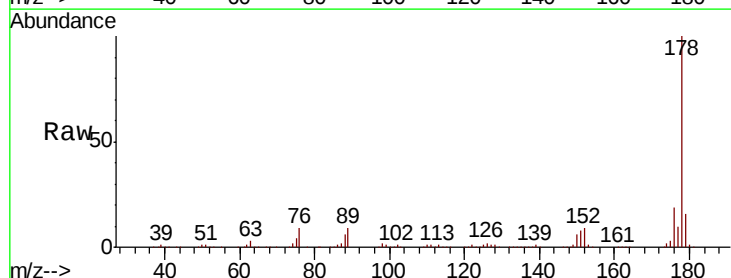
Tgt Ion:178 Resp: 1630521

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.6
179	16.0	12.2	18.4

178 100

176 19.1 15.0 22.6

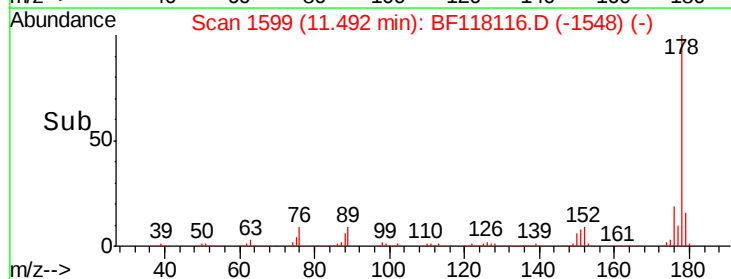
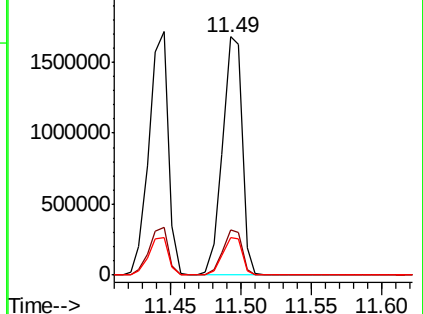
179 16.0 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



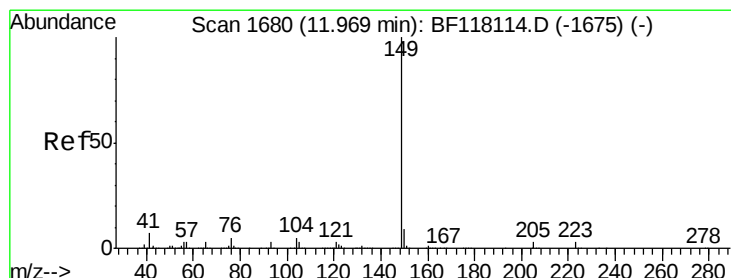
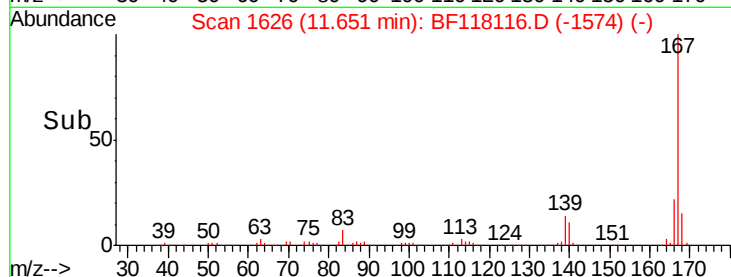
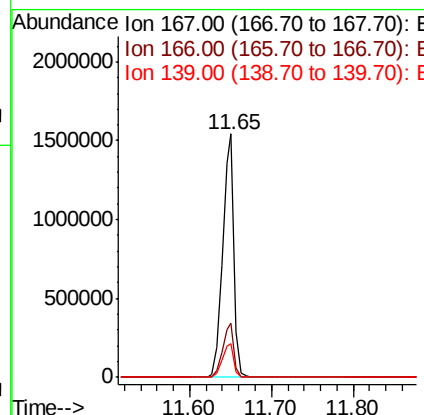
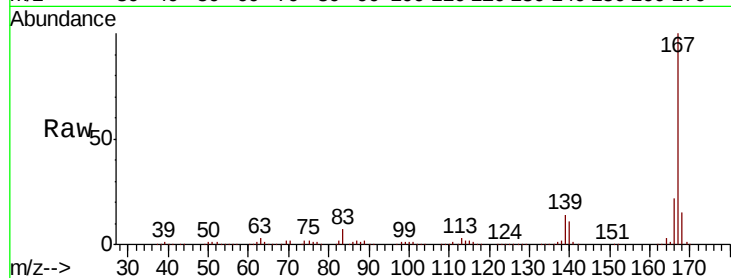


#73
 Carbazole
 Concen: 63.597 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.01 min
 Lab File: BF118116.D
 Acq: 6 Dec 2019 15:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1474987

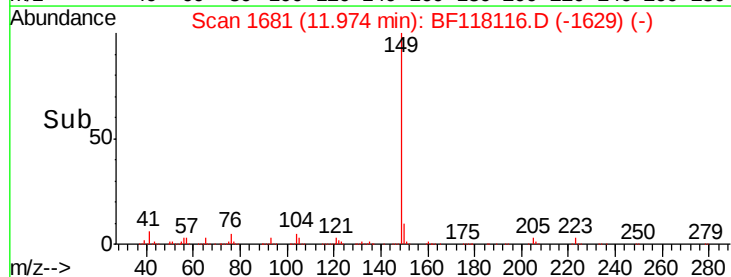
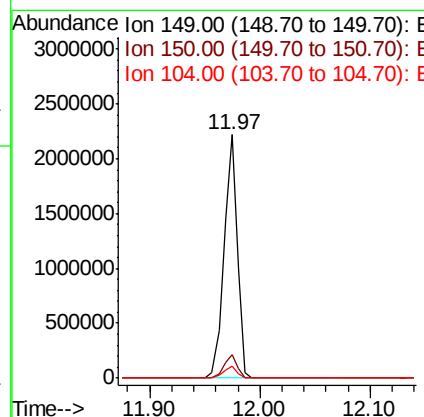
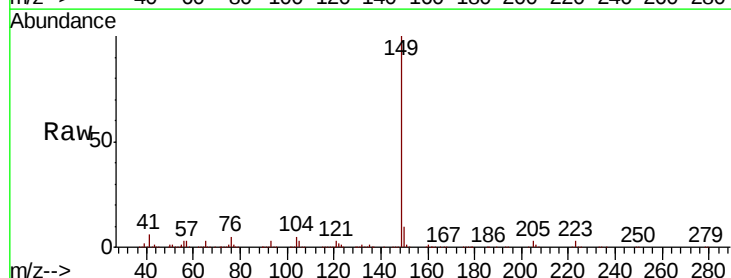
Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.4	26.2
139	14.0	11.4	17.0

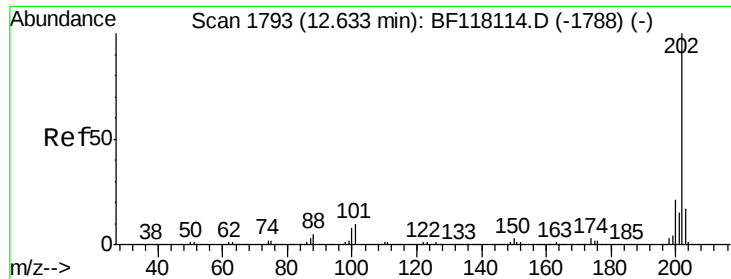


#74
 Di-n-butylphthalate
 Concen: 63.811 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. 0.01 min
 Lab File: BF118116.D
 Acq: 6 Dec 2019 15:55

Tgt Ion:149 Resp: 1842637

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.4	11.2
104	5.1	4.3	6.5



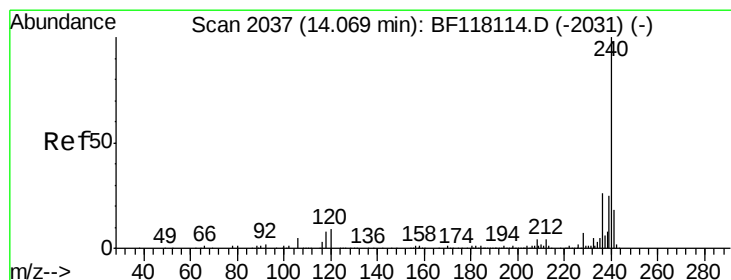
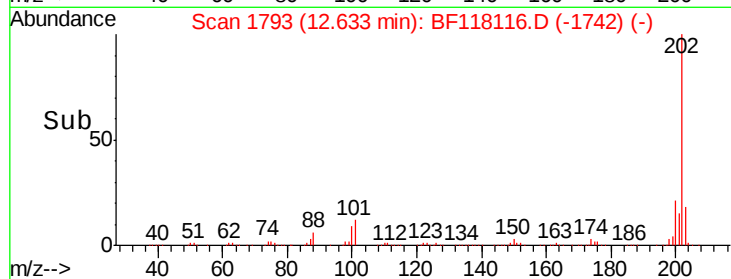
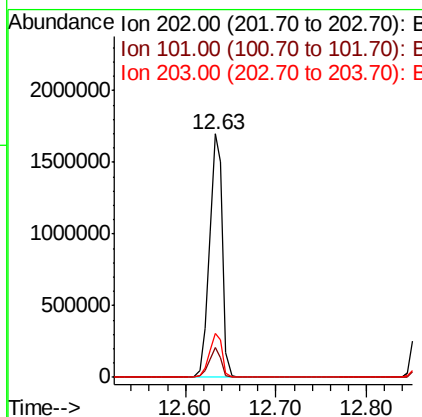
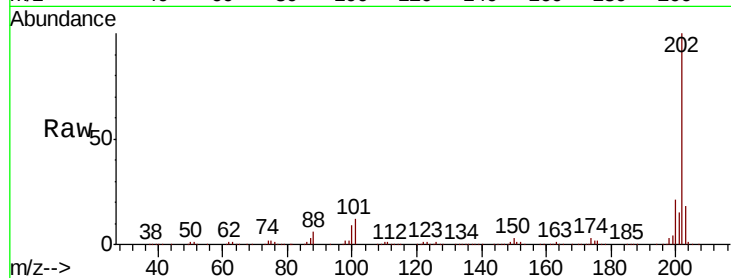


#75
 Fluoranthene
 Concen: 65.667 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BF118116.D
 Acq: 6 Dec 2019 15:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1700495

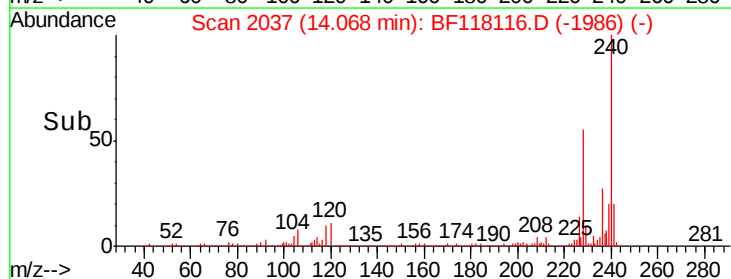
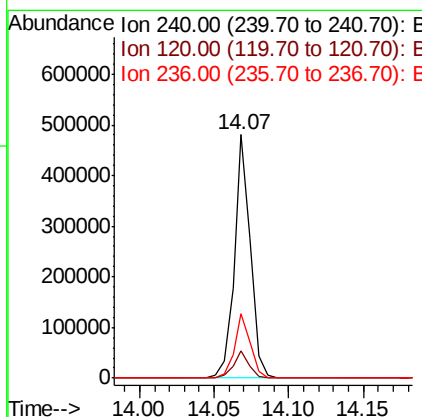
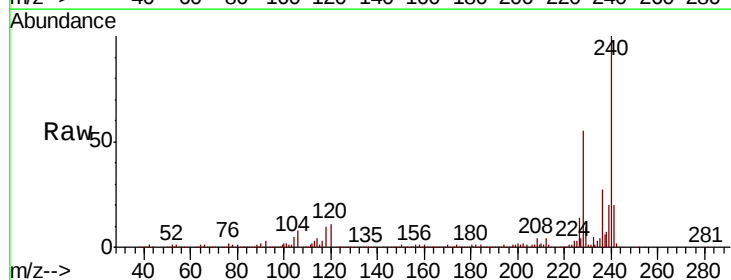
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	30.4
203	18.2	0.0	37.2

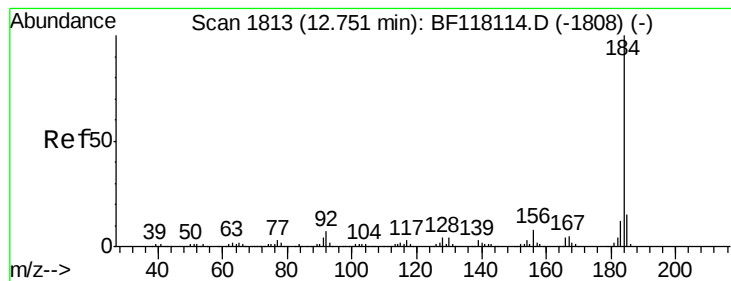


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: BF118116.D
 Acq: 6 Dec 2019 15:55

Tgt Ion:240 Resp: 363172

Ion	Ratio	Lower	Upper
240	100		
120	11.5	7.1	10.7#
236	26.7	21.0	31.6





#77

Benzidine

Concen: 48.650 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

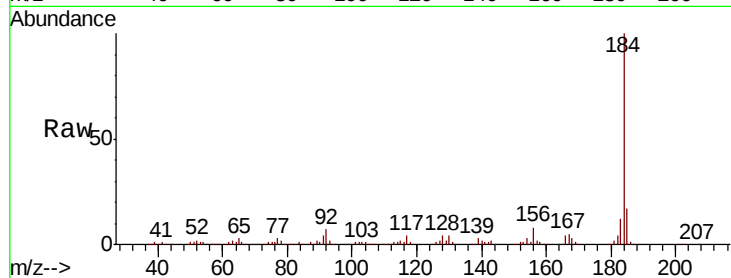
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 578737

Ion	Ratio	Lower	Upper
184	100		
185	17.1	12.3	18.5
183	12.3	9.9	14.9

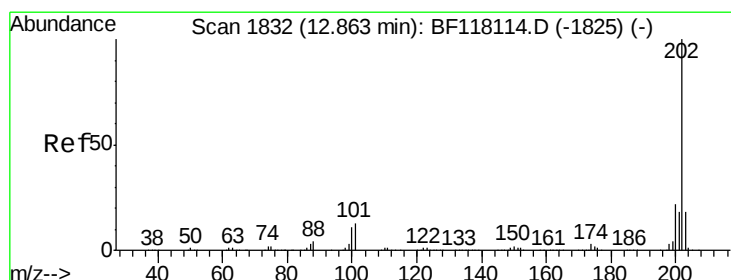
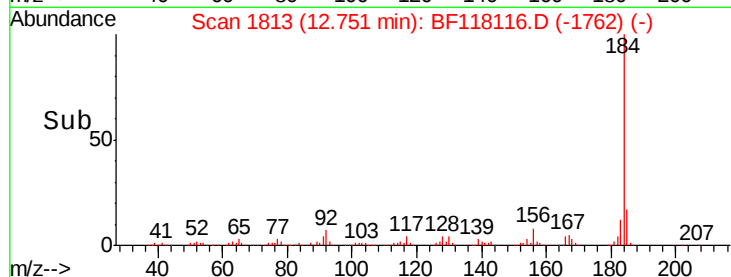
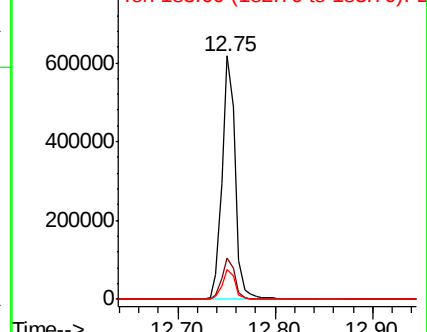


Abundance

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: 57.943 ng

RT: 12.87 min Scan# 1833

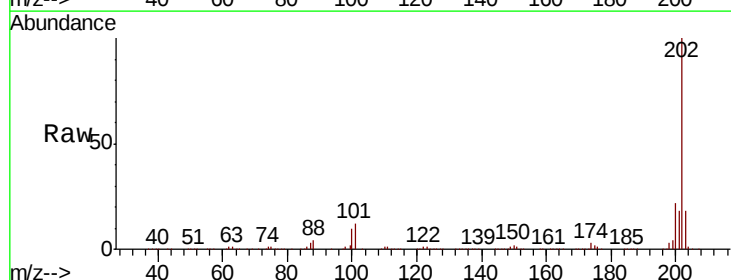
Delta R.T. 0.01 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Tgt Ion:202 Resp: 1700612

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.5	26.3
203	17.9	14.6	21.8

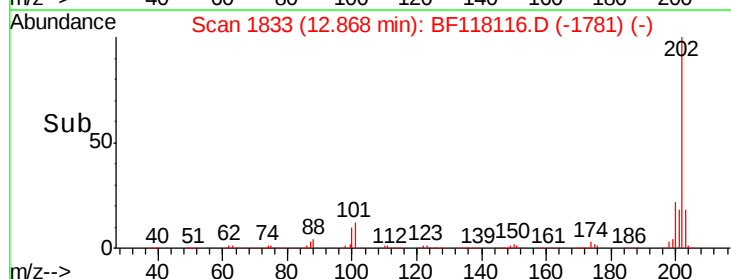
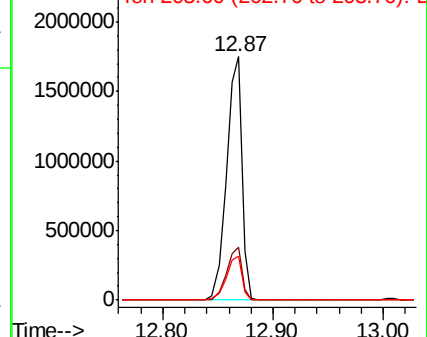


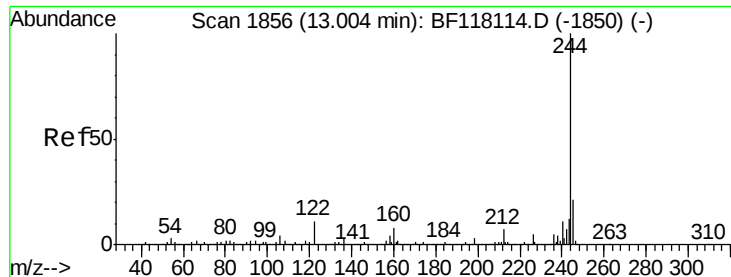
Abundance

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: 122.358 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

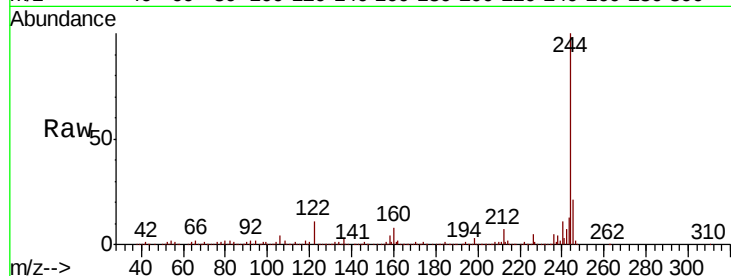
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 2431426

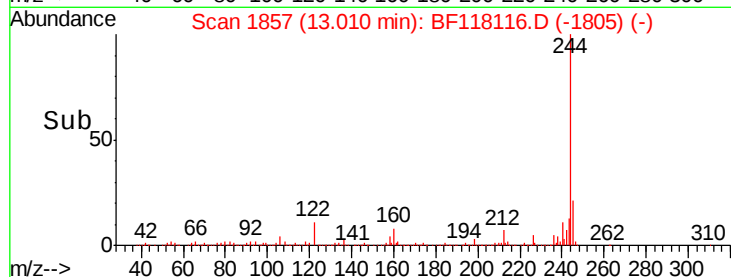
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	11.1	9.0	13.6



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



Time-->

13.01

2500000

2000000

1500000

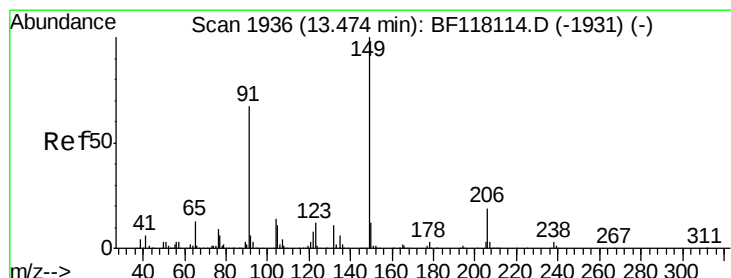
1000000

500000

0

12.95 13.00 13.05 13.10

Time-->



#80

Butylbenzylphthalate

Concen: 61.490 ng

RT: 13.48 min Scan# 1937

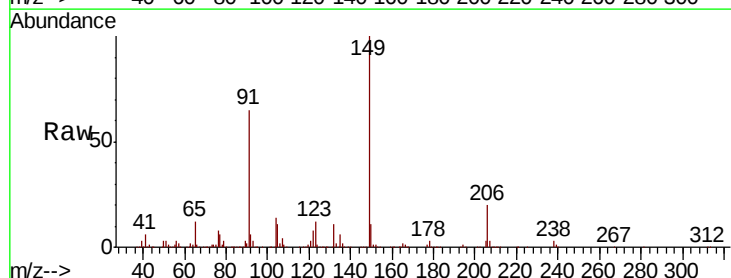
Delta R.T. 0.01 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Tgt Ion:149 Resp: 775125

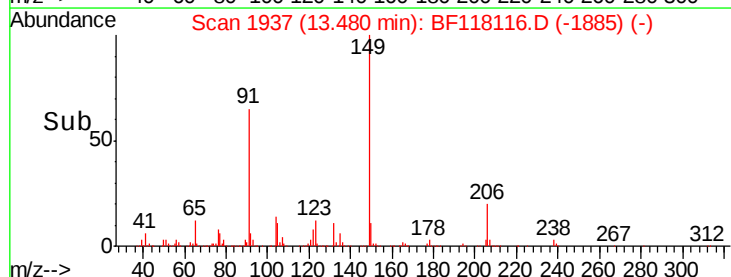
Ion	Ratio	Lower	Upper
149	100		
91	65.4	53.9	80.9
206	20.1	15.2	22.8



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



Time-->

13.48

1200000

1000000

800000

600000

400000

200000

0

13.45 13.50

Time-->



#81

Benzo(a)anthracene

Concen: 61.453 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

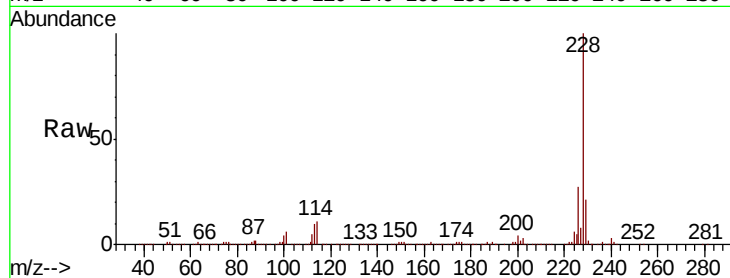
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1474797

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.8
229	20.6	15.8	23.8

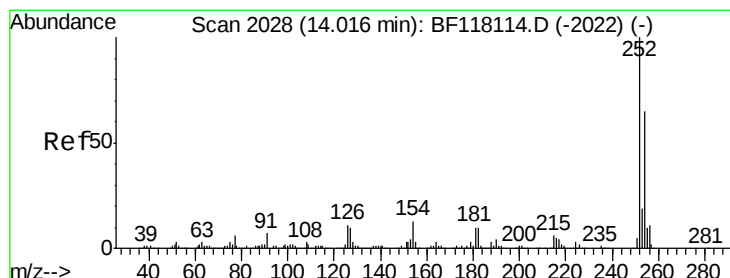
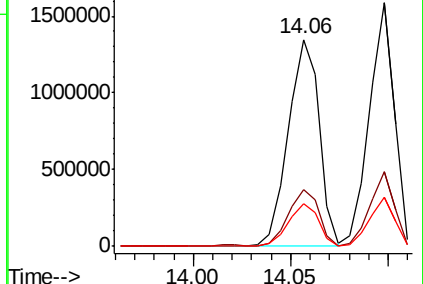
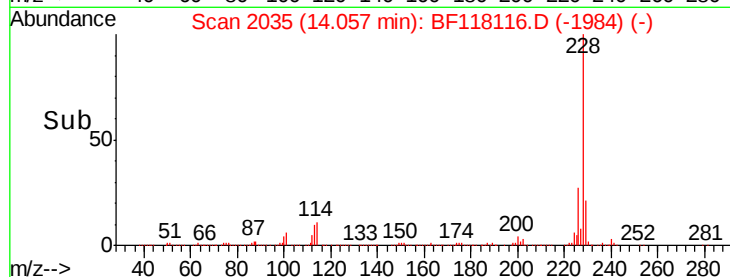


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 54.061 ng

RT: 14.02 min Scan# 2028

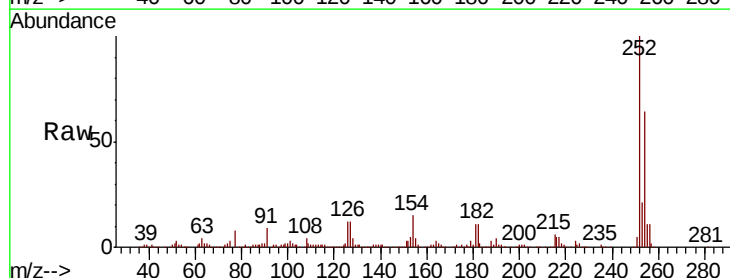
Delta R.T. -0.00 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Tgt Ion:252 Resp: 453825

Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.2	78.4
126	12.0	8.6	13.0

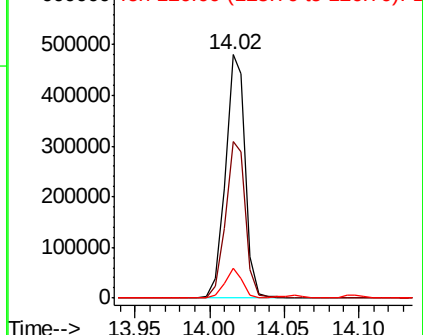
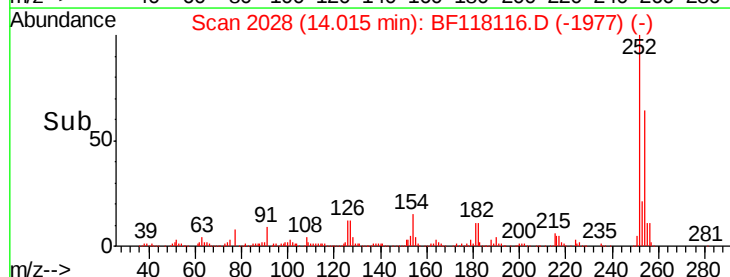


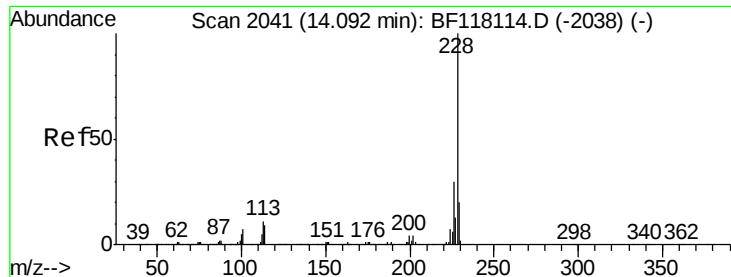
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

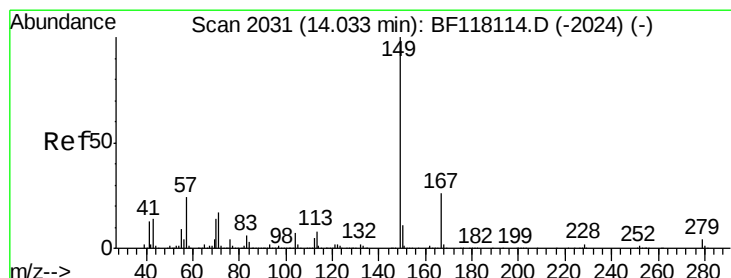
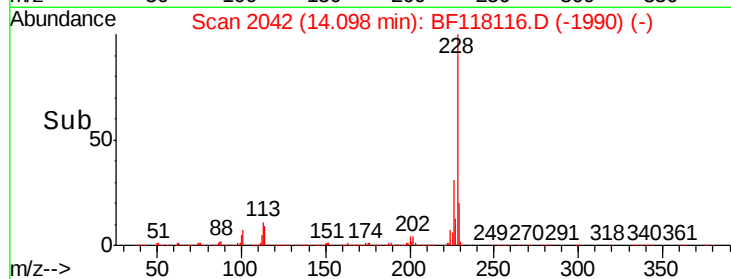
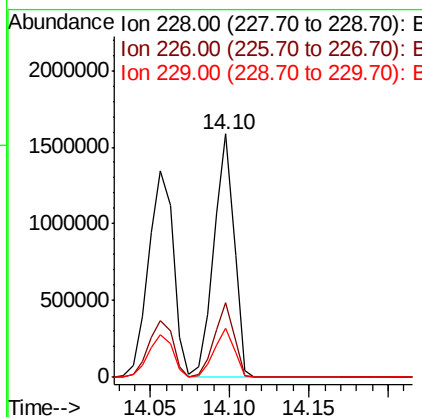
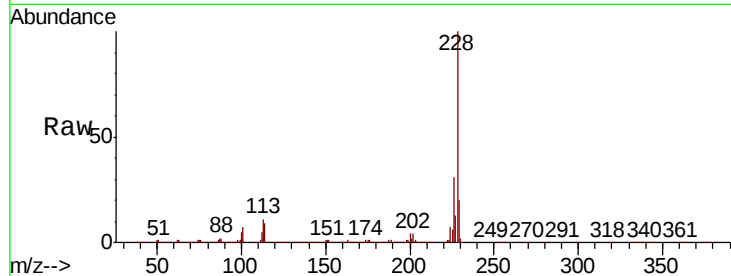




#83
 Chrvsene
 Concen: 60.508 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.01 min
 Lab File: BF118116.D
 Acq: 6 Dec 2019 15:55

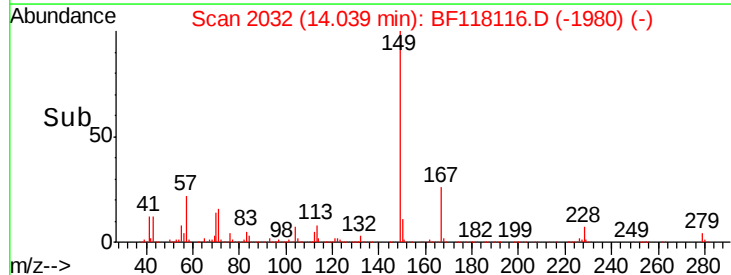
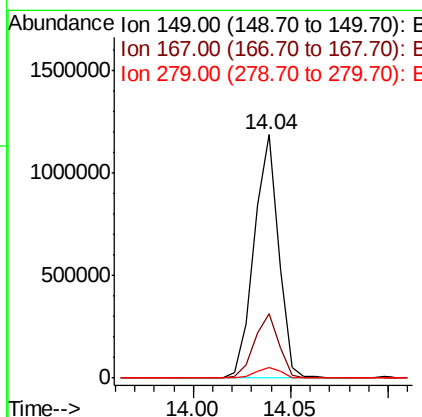
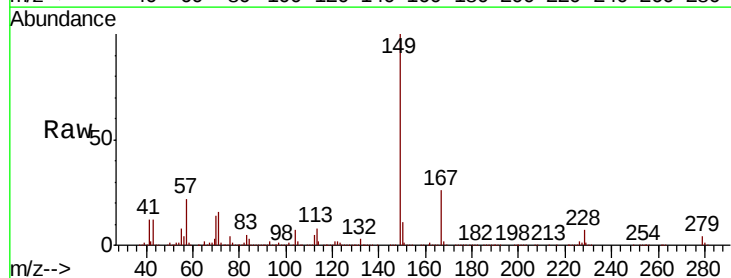
Instrument :
 BNA_F
 ClientSampleId :

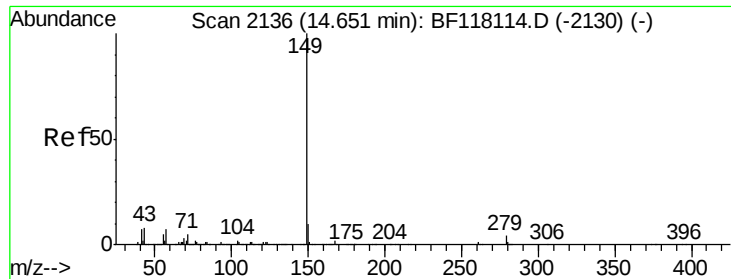
Tot Ion:228 Resp: 1407120
 Ion Ratio Lower Upper
 228 100
 226 30.6 23.8 35.8
 229 20.2 15.7 23.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 67.634 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BF118116.D
 Acq: 6 Dec 2019 15:55

Tgt Ion:149 Resp: 1033638
 Ion Ratio Lower Upper
 149 100
 167 26.2 20.8 31.2
 279 4.4 2.9 4.3#

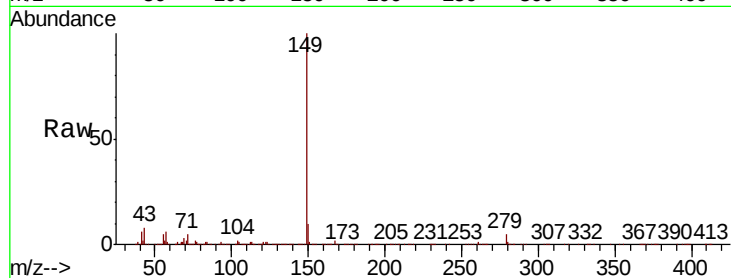




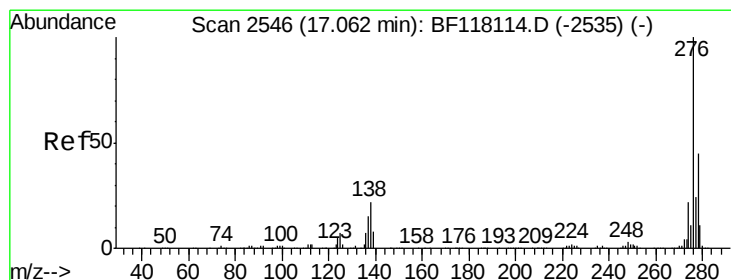
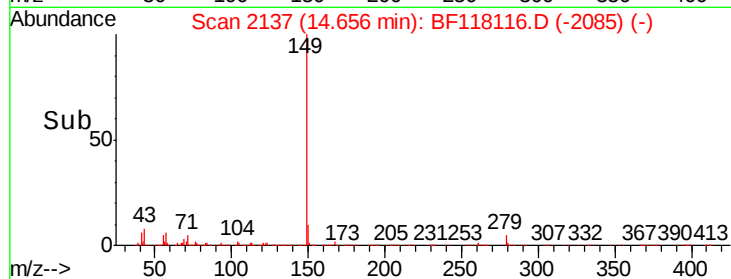
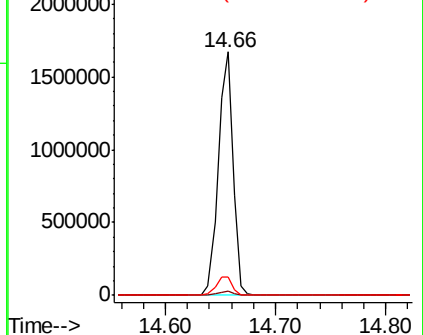
#85
Di-n-octyl phthalate
Concen: 68.960 ng
RT: 14.66 min Scan# 2137
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1548257
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.2 6.5 9.7

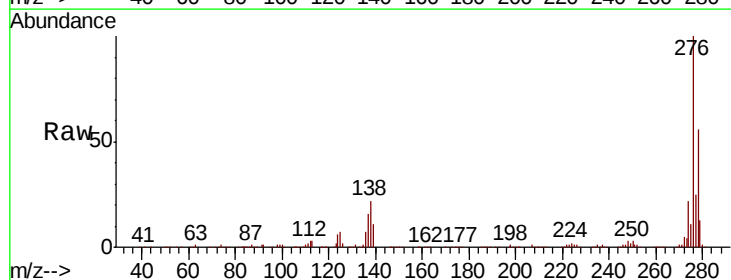


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

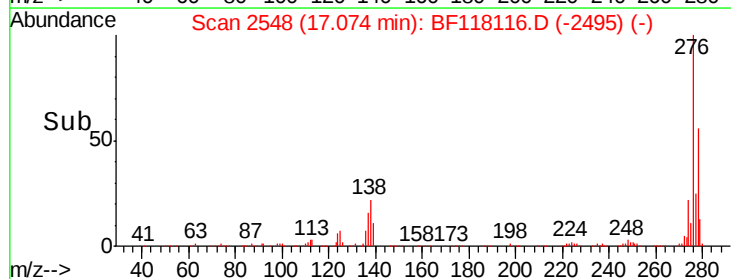
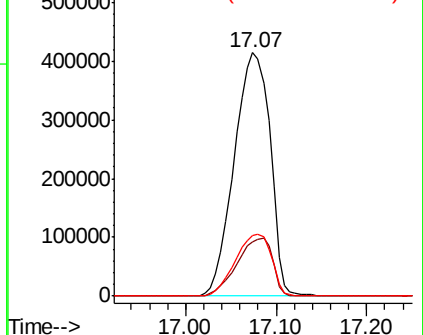


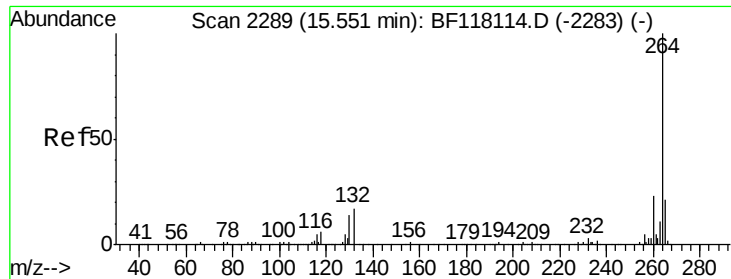
#86
Indeno(1,2,3-cd)pyrene
Concen: 57.865 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion:276 Resp: 1145289
Ion Ratio Lower Upper
276 100
138 23.7 18.9 28.3
277 25.6 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

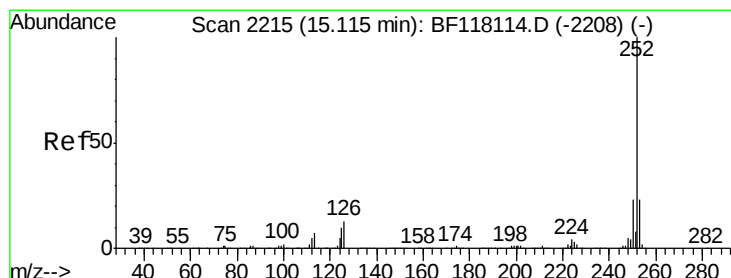
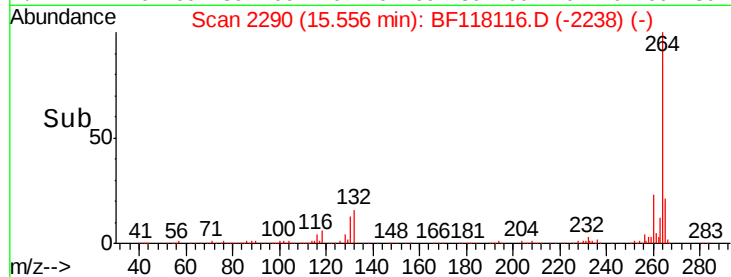
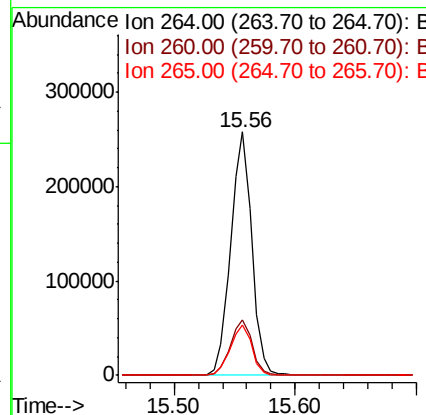
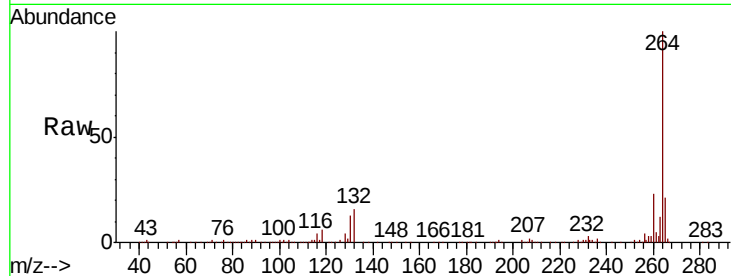




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. 0.01 min
 Lab File: BF118116.D
 Acq: 6 Dec 2019 15:55

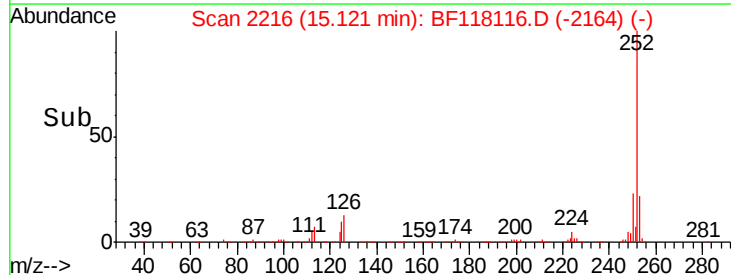
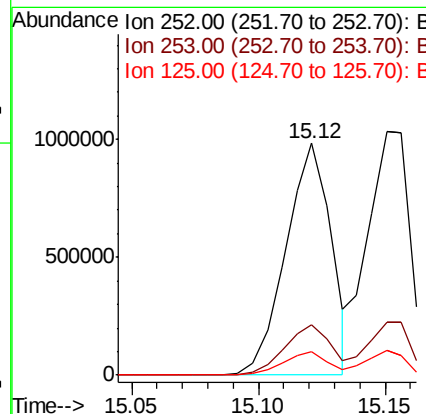
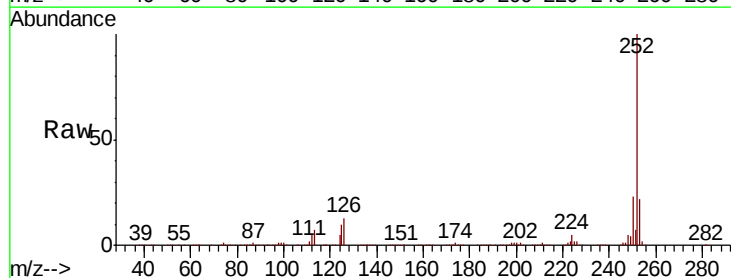
Instrument :
 BNA_F
 ClientSampleId :

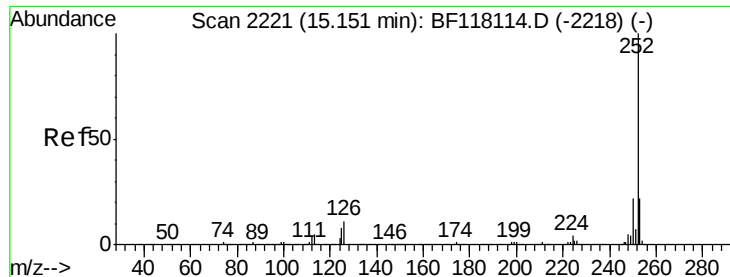
Tot Ion:264 Resp: 313401
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 28.0
 265 20.9 16.8 25.2



#88
 Benzo(b)fluoranthene
 Concen: 60.261 ng
 RT: 15.12 min Scan# 2216
 Delta R.T. 0.01 min
 Lab File: BF118116.D
 Acq: 6 Dec 2019 15:55

Tgt Ion:252 Resp: 1227024
 Ion Ratio Lower Upper
 252 100
 253 21.9 18.2 27.4
 125 9.9 8.3 12.5

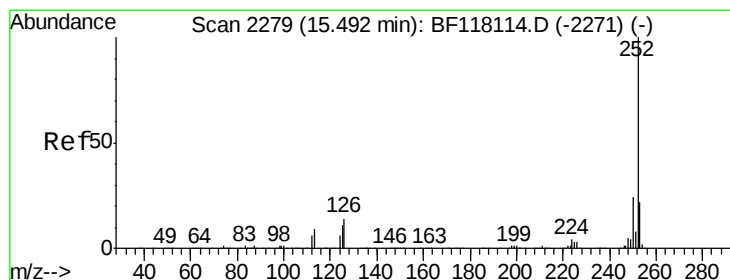
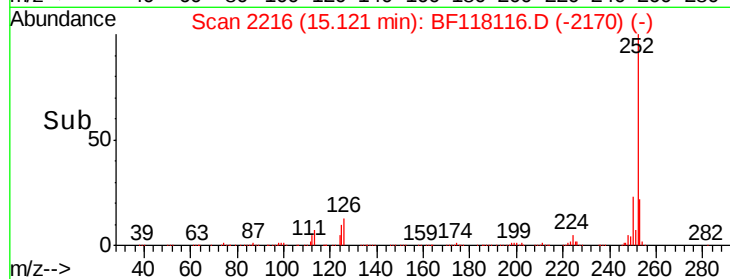
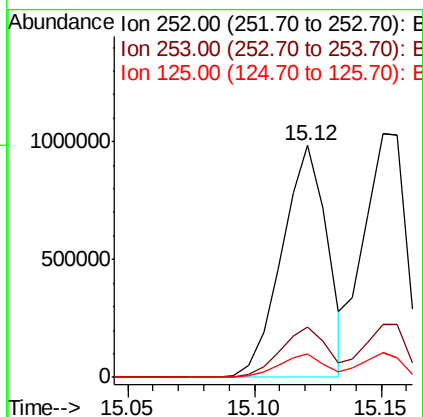
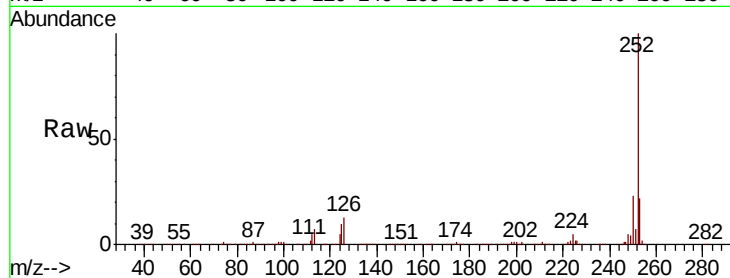




#89
Benzo(k)fluoranthene
Concen: 63.956 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.03 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

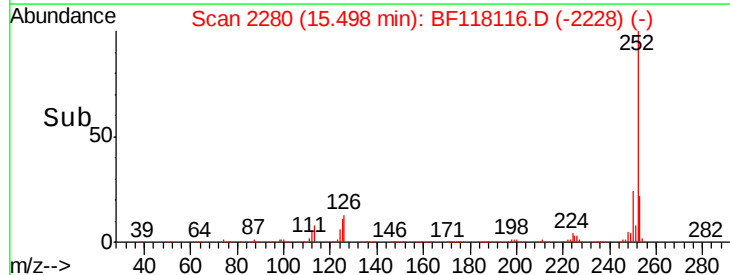
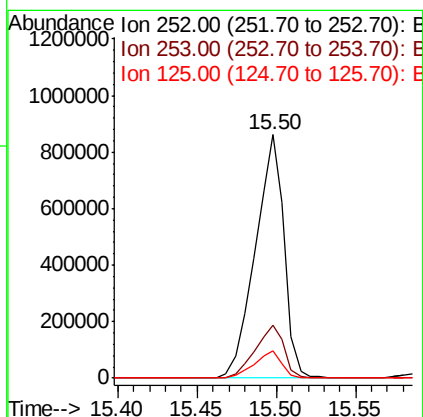
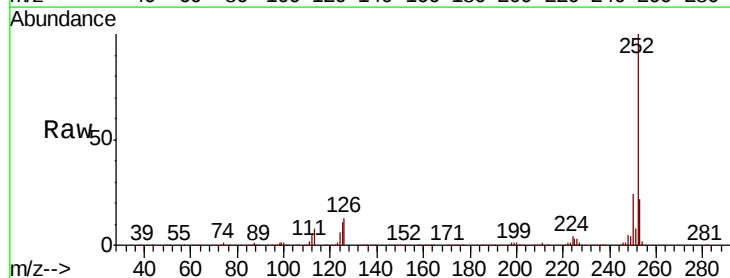
Instrument :
BNA_F
ClientSampleId :

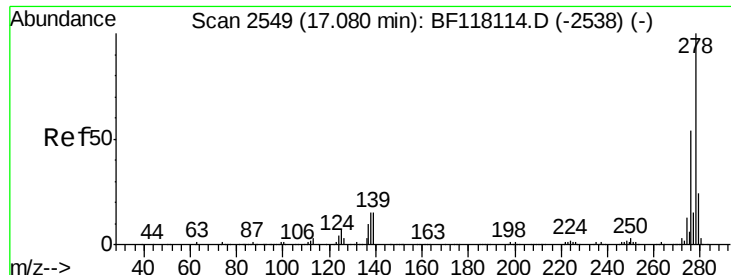
Tot Ion:252 Resp: 1227024
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 9.9 6.7 10.1



#90
Benzo(a)pyrene
Concen: 60.785 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion:252 Resp: 1088355
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 11.1 9.1 13.7

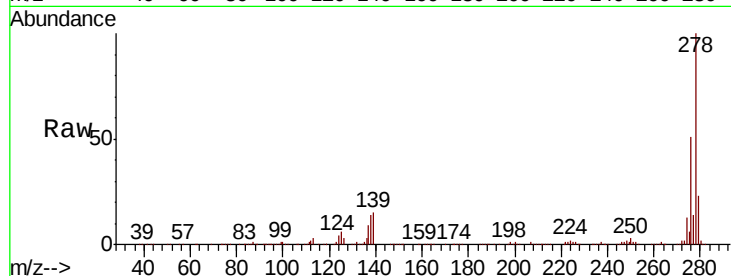




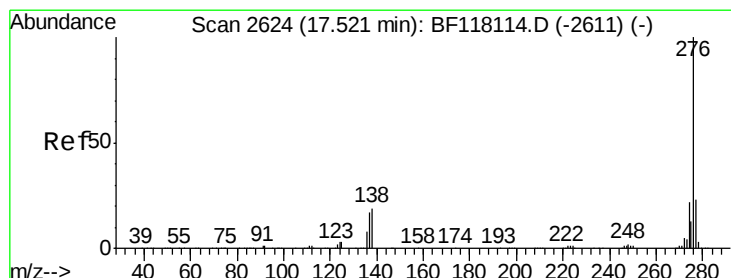
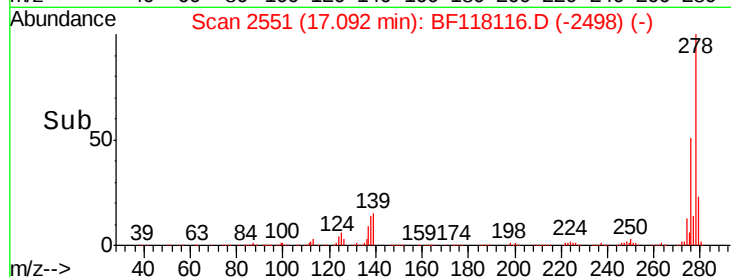
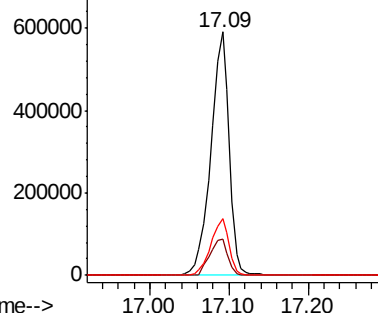
#91
Dibenzo(a,h)anthracene
Concen: 61.100 ng
RT: 17.09 min Scan# 2551
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.7	17.5
279	23.1	19.0	28.4

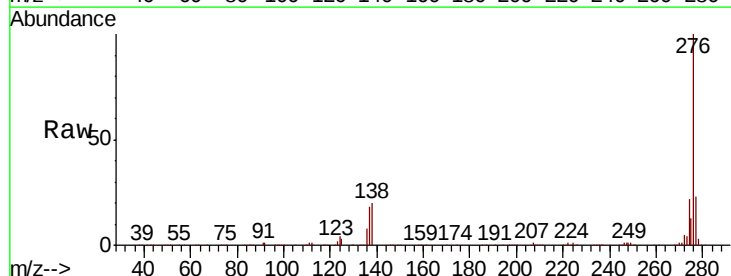


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 59.390 ng
RT: 17.53 min Scan# 2626
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.2	27.4
138	20.3	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

