

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
 Data File : BF118431.D
 Acq On : 2 Jan 2020 12:58
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 02 14:23:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	87872	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	361660	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	176921	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	323005	20.00	ng	0.00
76) Chrysene-d12	14.05	240	256340	20.00	ng	0.00
87) Perylene-d12	15.54	264	223531	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	335744	65.22	ng	0.00
7) Phenol-d6	6.49	99	497235	77.86	ng	0.00
23) Nitrobenzene-d5	7.42	82	492434	77.88	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	177125	81.07	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1024465	88.39	ng	0.00
79) Terphenyl-d14	12.98	244	1212768	78.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	67210	32.843	ng	96
3) Pyridine	3.35	79	164770	30.221	ng	96
4) n-Nitrosodimethylamine	3.32	42	88946	39.458	ng	# 70
6) Aniline	6.52	93	310033	38.233	ng	94
8) 2-Chlorophenol	6.64	128	231586	39.722	ng	98
9) Benzaldehyde	6.40	77	129066	34.473	ng	97
10) Phenol	6.50	94	280370	39.062	ng	82
11) bis(2-Chloroethyl)ether	6.59	93	198158	38.604	ng	100
12) 1,3-Dichlorobenzene	6.79	146	267770	39.879	ng	99
13) 1,4-Dichlorobenzene	6.87	146	275972	40.464	ng	98
14) 1,2-Dichlorobenzene	7.02	146	258802	40.193	ng	99
15) Benzyl Alcohol	7.00	79	204564	42.072	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	217857	39.773	ng	68
17) 2-Methylphenol	7.11	107	185004	39.563	ng	94
18) Hexachloroethane	7.36	117	102938	41.124	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	160831	40.882	ng	96
20) 3+4-Methylphenols	7.27	107	245745	41.061	ng	99
22) Acetophenone	7.26	105	346384	39.078	ng	# 92
24) Nitrobenzene	7.44	77	241709	38.159	ng	98
25) Isophorone	7.68	82	418975	38.019	ng	99
26) 2-Nitrophenol	7.76	139	131373	39.157	ng	95
27) 2,4-Dimethylphenol	7.79	122	173572	37.918	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	278076	38.583	ng	98
29) 2,4-Dichlorophenol	8.00	162	204228	38.762	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	240754	39.226	ng	97
31) Naphthalene	8.16	128	754305	41.035	ng	99
32) Benzoic acid	7.95	122	121620	33.419	ng	98
33) 4-Chloroaniline	8.21	127	305094	38.716	ng	98
34) Hexachlorobutadiene	8.27	225	141810	38.815	ng	98
35) Caprolactam	8.59	113	39301	23.892	ng	96
36) 4-Chloro-3-methylphenol	8.70	107	215658	38.124	ng	99
37) 2-Methylnaphthalene	8.85	142	476080	37.828	ng	99
38) 1-Methylnaphthalene	8.95	142	448766	37.848	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	219474	41.288	ng	100

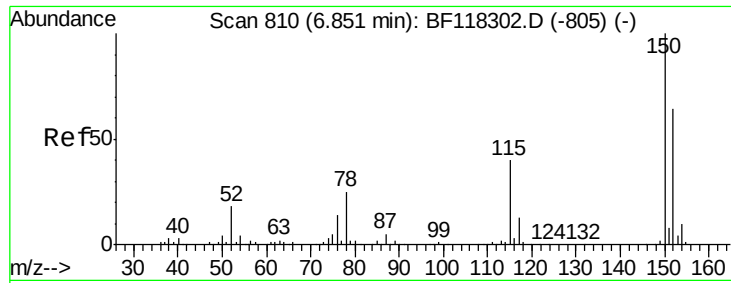
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
 Data File : BF118431.D
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 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	65982	35.186	ng	99
43) 2,4,6-Trichlorophenol	9.14	196	145362	40.932	ng	97
44) 2,4,5-Trichlorophenol	9.19	196	146017	39.969	ng	97
46) 1,1'-Biphenyl	9.32	154	623869	44.583	ng	97
47) 2-Chloronaphthalene	9.35	162	500940	44.479	ng	99
48) 2-Nitroaniline	9.45	65	142158	44.688	ng	98
49) Acenaphthylene	9.76	152	706378	42.290	ng	99
50) Dimethylphthalate	9.62	163	560253	42.187	ng	99
51) 2,6-Dinitrotoluene	9.69	165	120481	42.080	ng	92
52) Acenaphthene	9.93	154	410067	40.305	ng	99
53) 3-Nitroaniline	9.86	138	132513	39.433	ng	87
54) 2,4-Dinitrophenol	9.98	184	60599	44.441	ng	98
55) Dibenzofuran	10.11	168	618932	41.171	ng	98
56) 4-Nitrophenol	10.04	139	101820	49.080	ng	98
57) 2,4-Dinitrotoluene	10.10	165	155166	40.558	ng	# 77
58) Fluorene	10.45	166	493791	40.689	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	124798	40.205	ng	98
60) Diethylphthalate	10.32	149	536836	40.860	ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	243193	40.143	ng	100
62) 4-Nitroaniline	10.48	138	135989	38.954	ng	89
63) Azobenzene	10.60	77	476917	42.379	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	69630	39.960	ng	88
66) n-Nitrosodiphenylamine	10.56	169	431367	41.669	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	148039	39.163	ng	98
68) Hexachlorobenzene	11.00	284	171860	38.625	ng	94
69) Atrazine	11.09	200	123141	38.541	ng	98
70) Pentachlorophenol	11.20	266	79252	41.127	ng	99
71) Phenanthrene	11.42	178	742470	42.165	ng	99
72) Anthracene	11.47	178	759034	43.065	ng	99
73) Carbazole	11.63	167	641841	41.040	ng	99
74) Di-n-butylphthalate	11.95	149	888179	44.789	ng	99
75) Fluoranthene	12.62	202	772893	43.492	ng	99
77) Benzidine	12.73	184	249929	35.583	ng	100
78) Pyrene	12.85	202	789860	37.733	ng	99
80) Butylbenzylphthalate	13.45	149	358532	38.040	ng	95
81) Benzo(a)anthracene	14.04	228	711565	39.657	ng	96
82) 3,3'-Dichlorobenzidine	14.00	252	220857	36.303	ng	98
83) Chrysene	14.07	228	680091	39.584	ng	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	480735	38.789	ng	99
85) Di-n-octyl phthalate	14.63	149	717133	39.337	ng	99
86) Indeno(1,2,3-cd)pyrene	17.06	276	490607	33.513	ng	100
88) Benzo(b)fluoranthene	15.10	252	587727	39.610	ng	100
89) Benzo(k)fluoranthene	15.13	252	543917	38.177	ng	98
90) Benzo(a)pyrene	15.47	252	508387	38.894	ng	99
91) Dibenzo(a,h)anthracene	17.06	278	410702	36.208	ng	99
92) Benzo(g,h,i)perylene	17.50	276	369589	33.731	ng	98

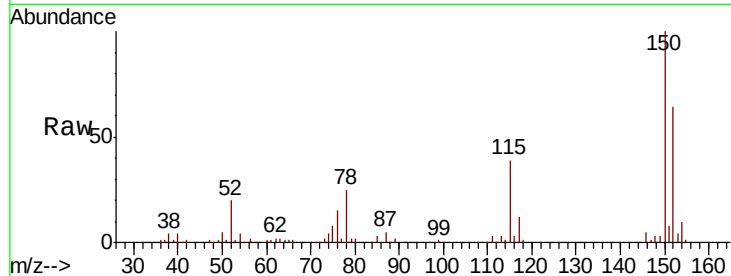
(#) = qualifier out of range (m) = manual integration (+) = signals summed



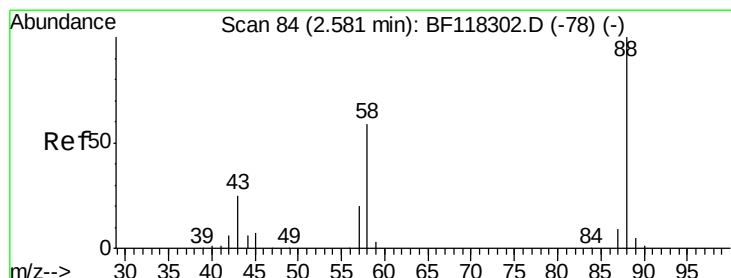
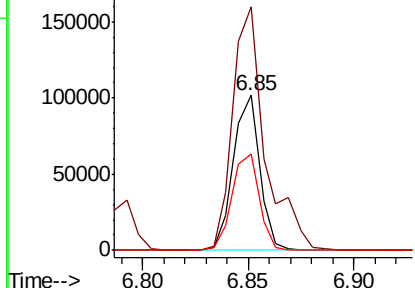
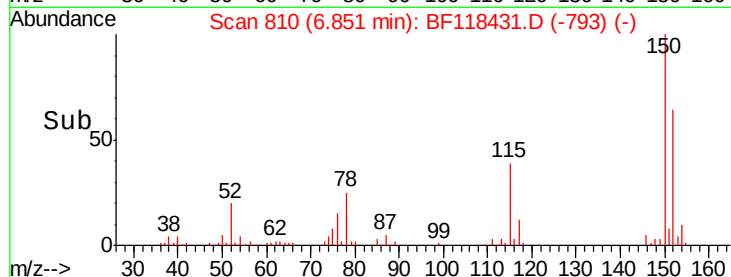
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF118431.D
 Acq: 2 Jan 2020 12:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 87872
 Ion Ratio Lower Upper
 152 100
 150 157.3 125.4 188.2
 115 62.1 50.2 75.4

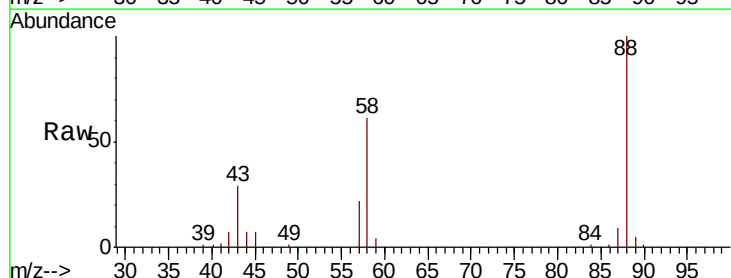


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

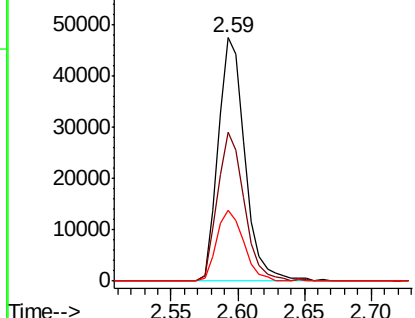
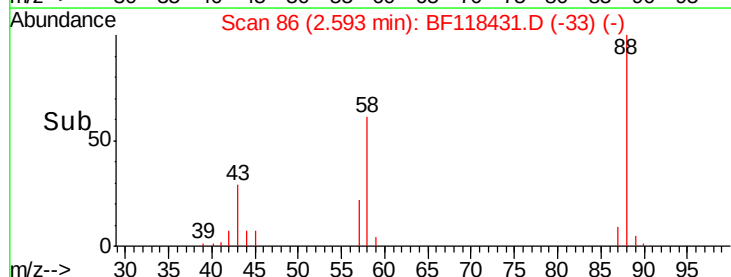


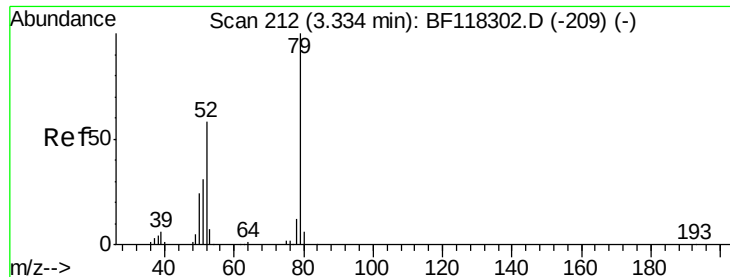
#2
 1,4-Dioxane
 Concen: 32.843 ng
 RT: 2.59 min Scan# 86
 Delta R.T. 0.01 min
 Lab File: BF118431.D
 Acq: 2 Jan 2020 12:58

Tgt Ion: 88 Resp: 67210
 Ion Ratio Lower Upper
 88 100
 58 61.4 47.6 71.4
 43 29.4 20.6 30.8



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

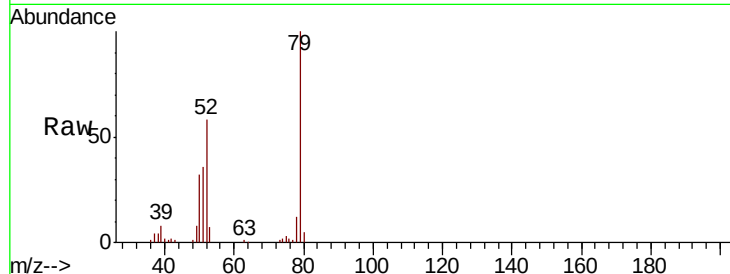




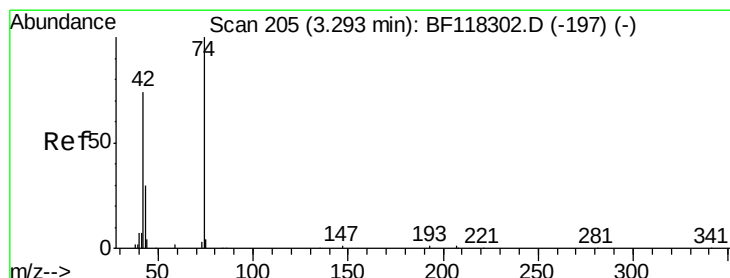
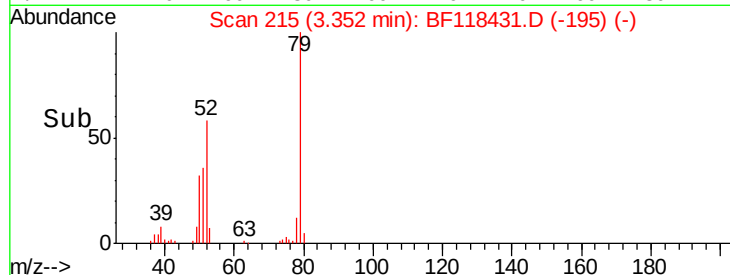
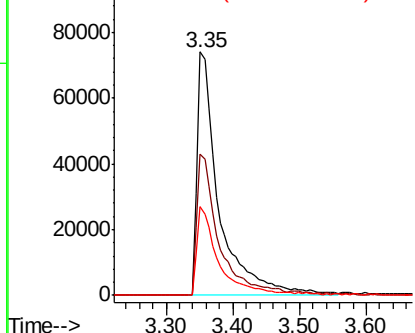
#3
 Pvrindine
 Concen: 30.221 ng
 RT: 3.35 min Scan# 215
 Delta R.T. 0.02 min
 Lab File: BF118431.D
 Acq: 2 Jan 2020 12:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 164770
 Ion Ratio Lower Upper
 79 100
 52 58.2 46.4 69.6
 51 36.4 24.9 37.3

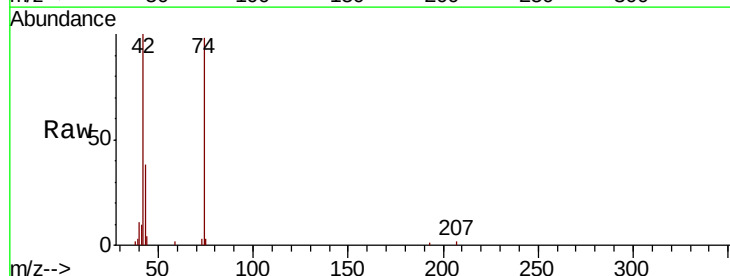


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

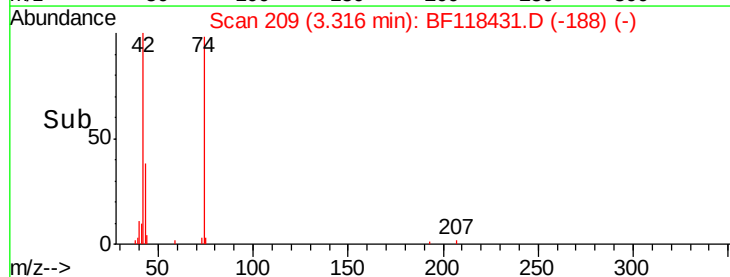
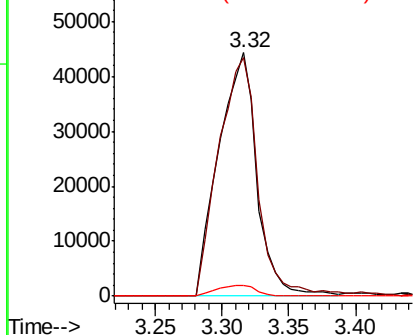


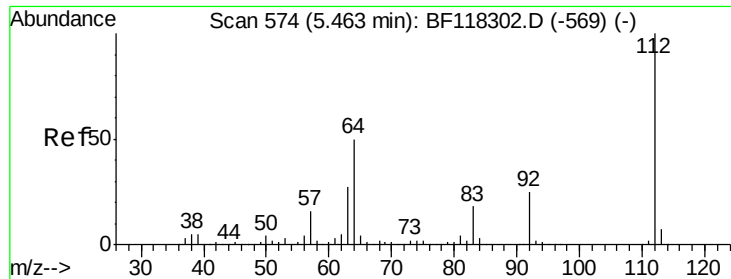
#4
 n-Nitrosodimethylamine
 Concen: 39.458 ng
 RT: 3.32 min Scan# 209
 Delta R.T. 0.02 min
 Lab File: BF118431.D
 Acq: 2 Jan 2020 12:58

Tgt Ion: 42 Resp: 88946
 Ion Ratio Lower Upper
 42 100
 74 98.2 107.7 161.5#
 44 4.3 4.8 7.2#



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





#5

2-Fluorophenol

Concen: 65.221 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Instrument :

BNA_F

ClientSampled :

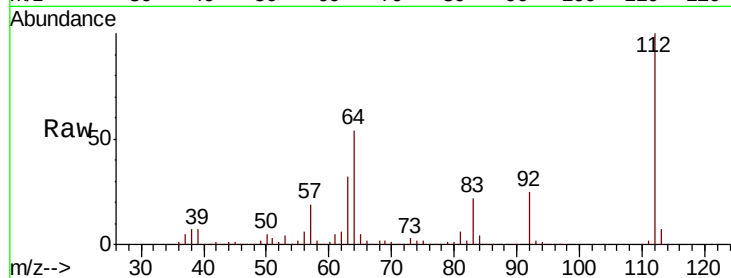
Tot Ion:112 Resp: 335744

Ion Ratio Lower Upper

112 100

64 54.5 39.7 59.5

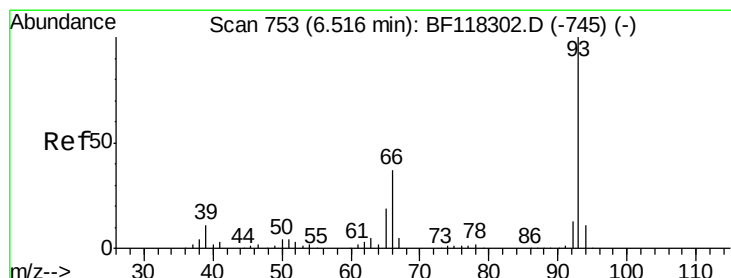
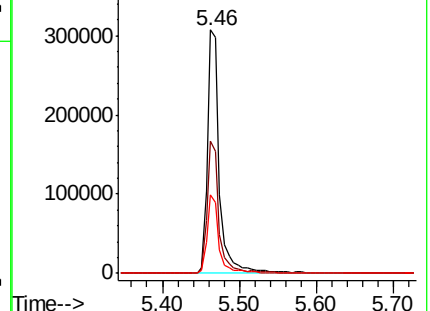
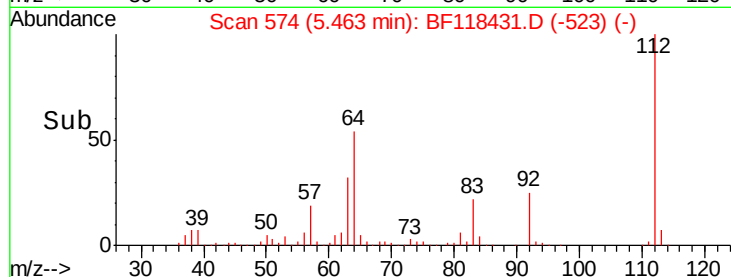
63 32.4 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.233 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

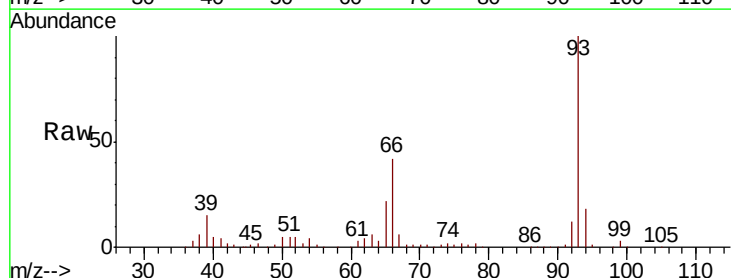
Tgt Ion: 93 Resp: 310033

Ion Ratio Lower Upper

93 100

66 41.6 30.2 45.4

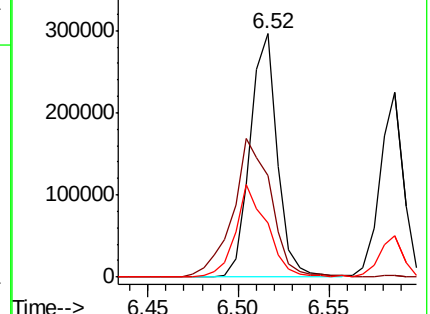
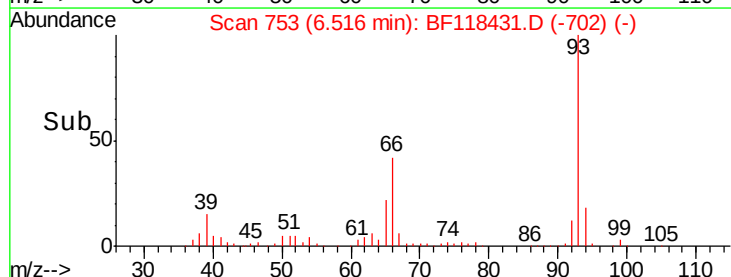
65 22.2 15.7 23.5

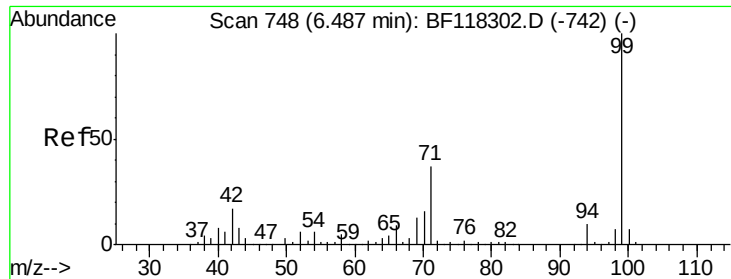


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.864 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

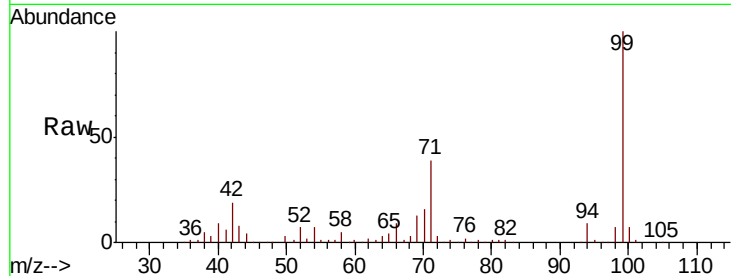
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 497235

Ion	Ratio	Lower	Upper
99	100		
42	19.2	13.5	20.3
71	39.5	29.4	44.2

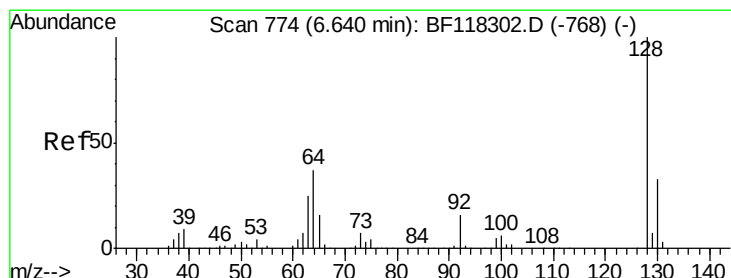
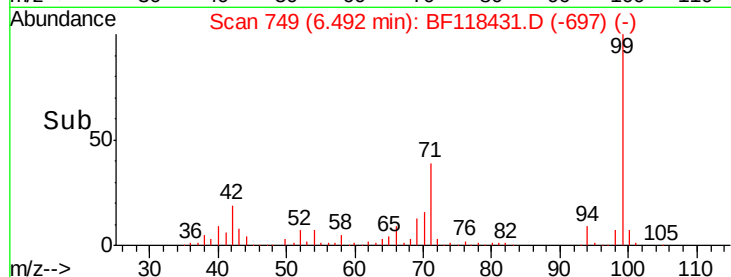
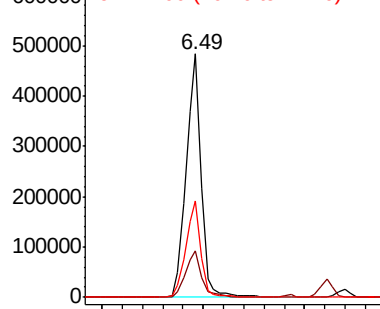


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.722 ng

RT: 6.64 min Scan# 774

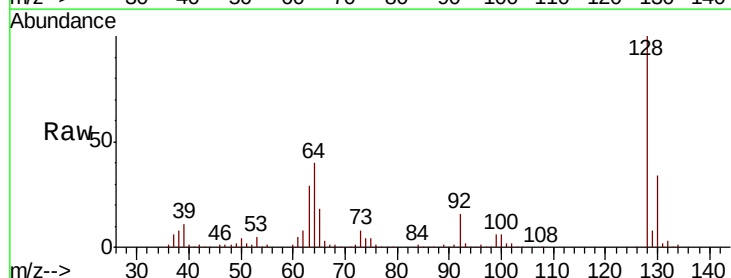
Delta R.T. 0.00 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Tgt Ion: 128 Resp: 231586

Ion	Ratio	Lower	Upper
128	100		
130	33.5	13.2	53.2
64	39.9	17.7	57.7

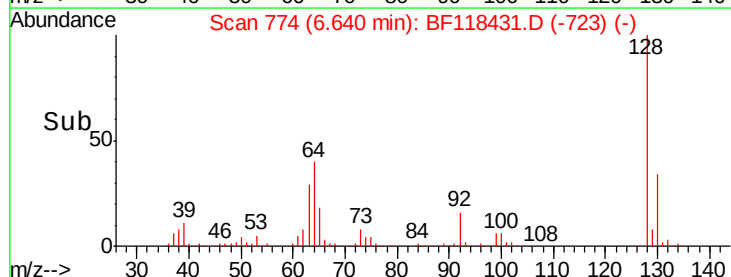
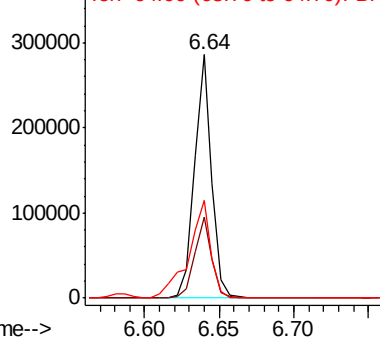


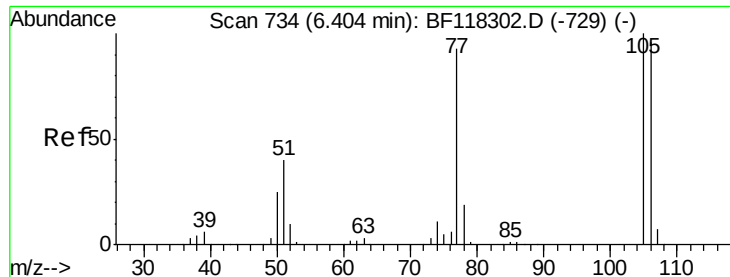
Abundance

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: 34.473 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Instrument :

BNA_F

ClientSampleId :

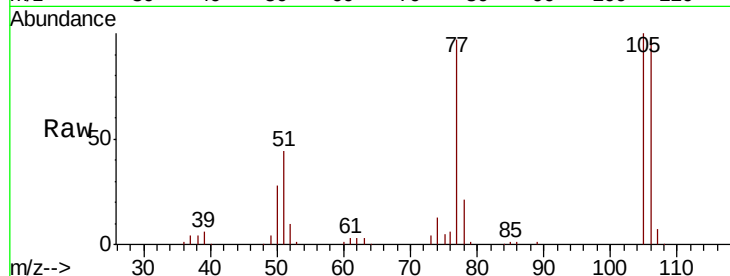
Tot Ion: 77 Resp: 129066

Ion Ratio Lower Upper

77 100

105 103.5 87.5 127.5

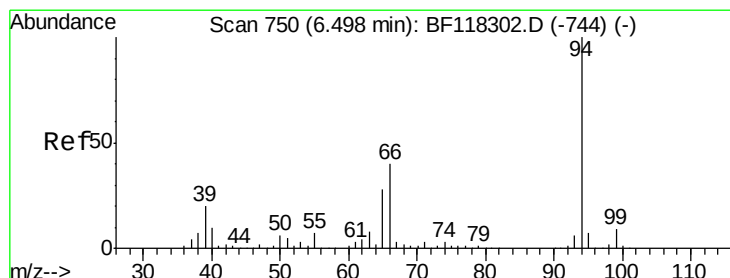
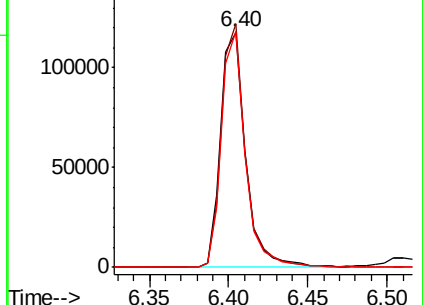
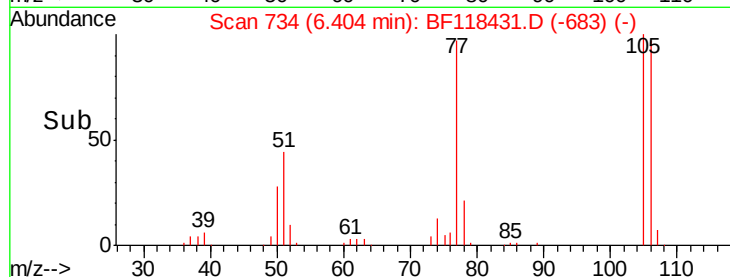
106 100.5 83.6 123.6



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: 39.062 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

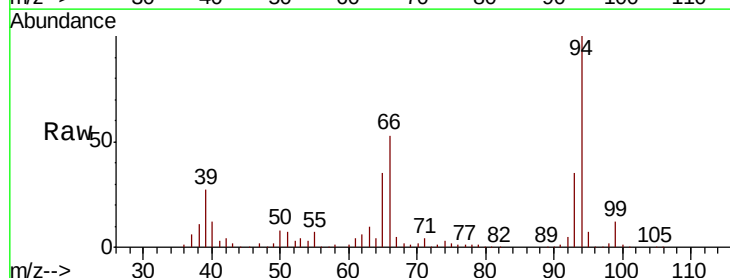
Tgt Ion: 94 Resp: 280370

Ion Ratio Lower Upper

94 100

65 35.4 7.8 47.8

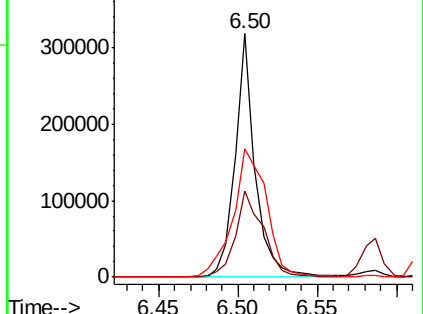
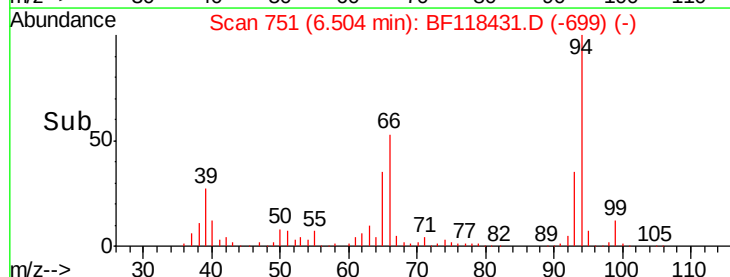
66 52.8 20.4 60.4

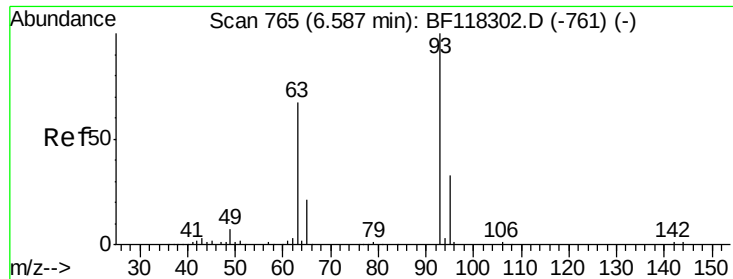


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.604 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Instrument :

BNA_F

ClientSampleId :

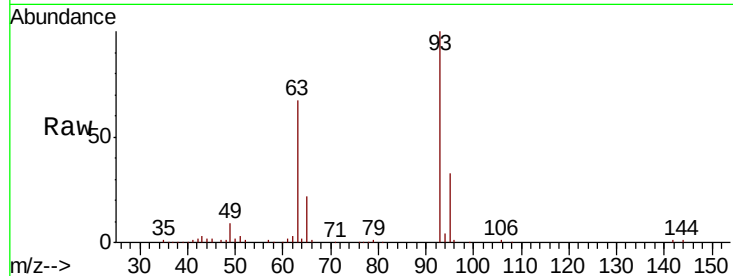
Tot Ion: 93 Resp: 198158

Ion Ratio Lower Upper

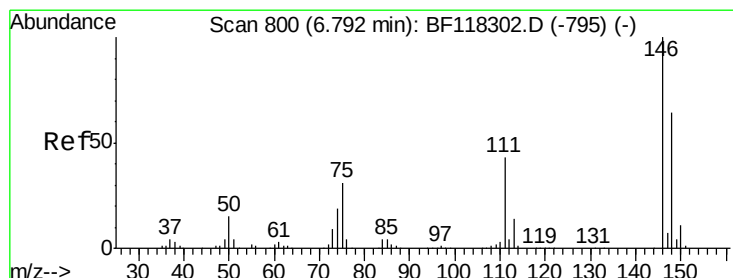
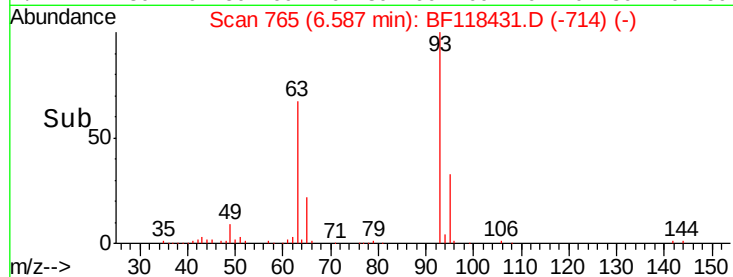
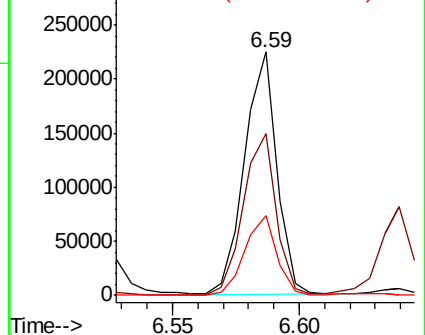
93 100

63 66.6 47.0 87.0

95 32.6 12.8 52.8



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: 39.879 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

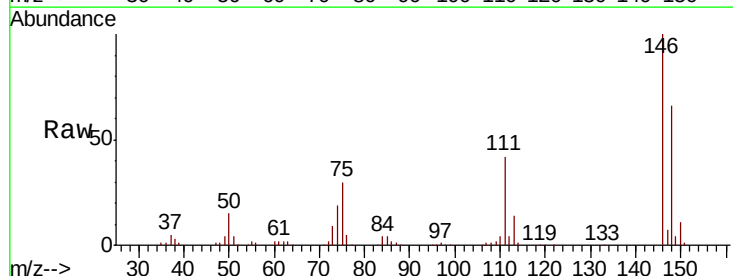
Tgt Ion: 146 Resp: 267770

Ion Ratio Lower Upper

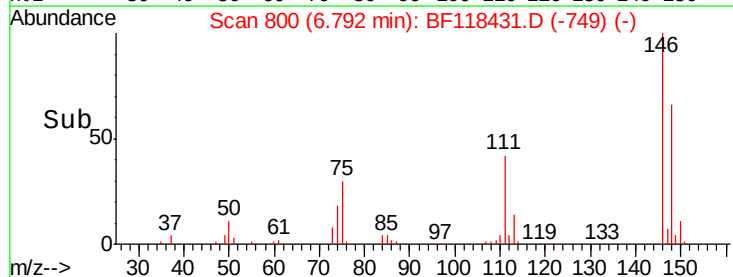
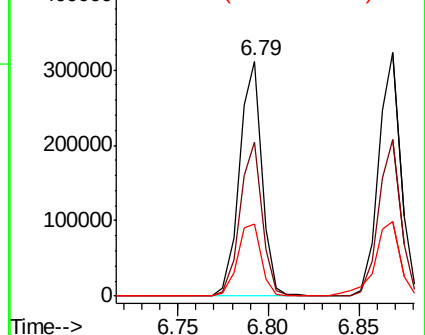
146 100

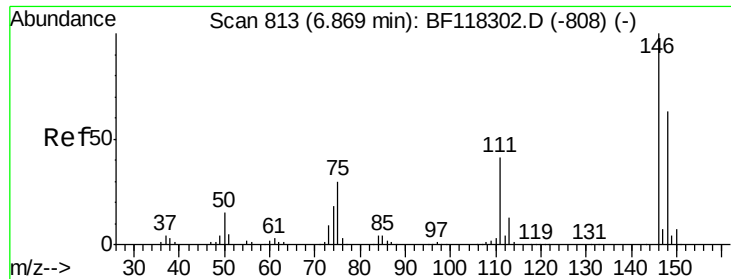
148 65.6 51.4 77.0

75 30.4 24.4 36.6



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

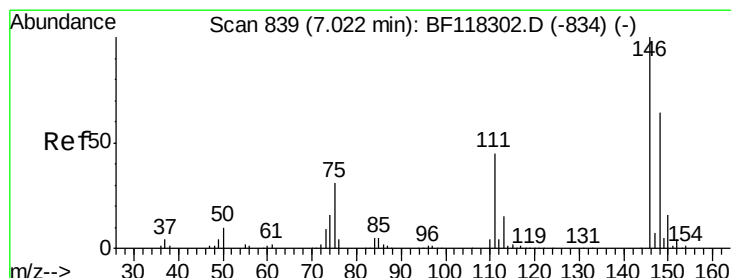
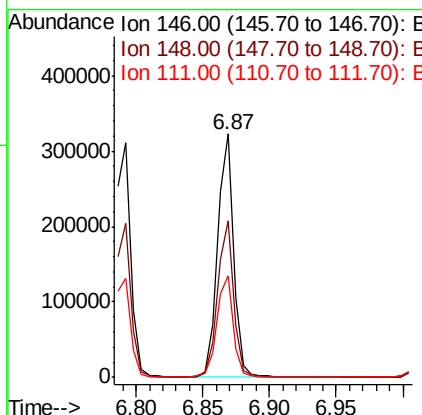
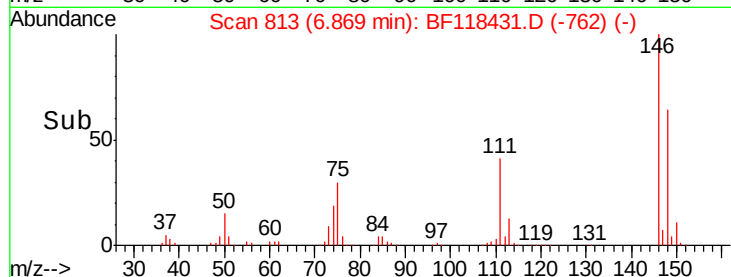
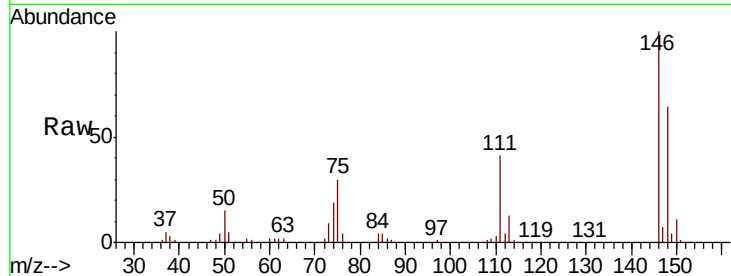




#13
 1,4-Dichlorobenzene
 Concen: 40.464 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF118431.D
 Acq: 2 Jan 2020 12:58

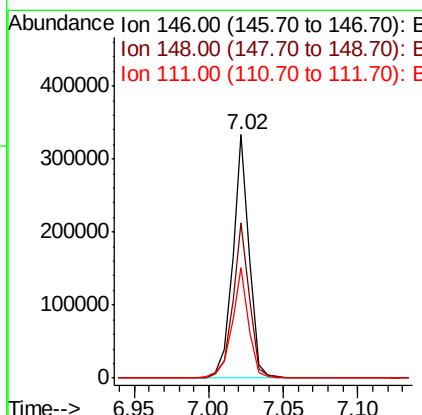
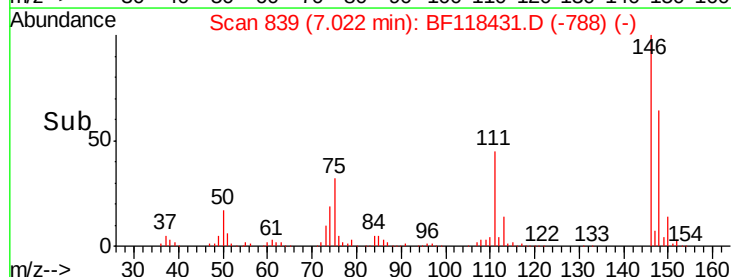
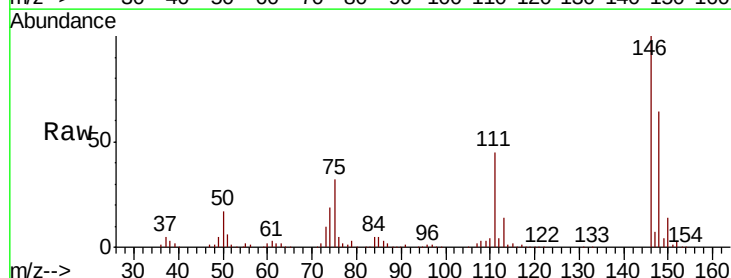
Instrument :
 BNA_F
 ClientSampleId :

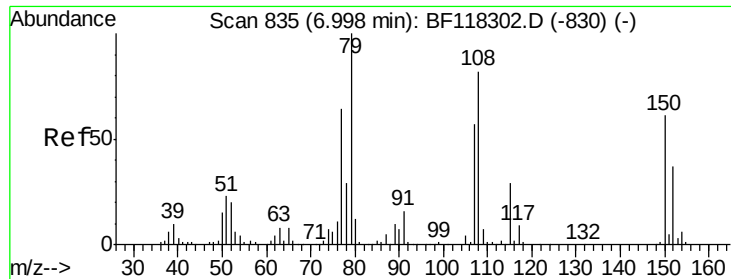
Tot Ion:146 Resp: 275972
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.3 75.5
 111 41.5 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 40.193 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF118431.D
 Acq: 2 Jan 2020 12:58

Tgt Ion:146 Resp: 258802
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.3 76.9
 111 45.3 35.7 53.5

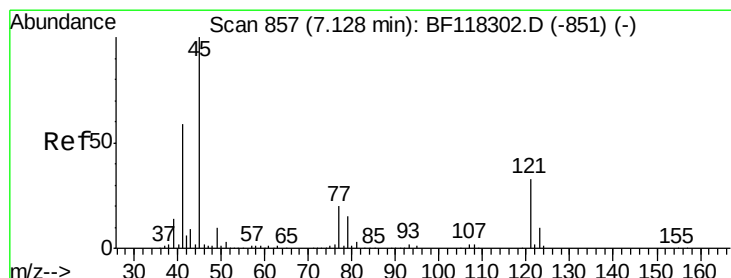
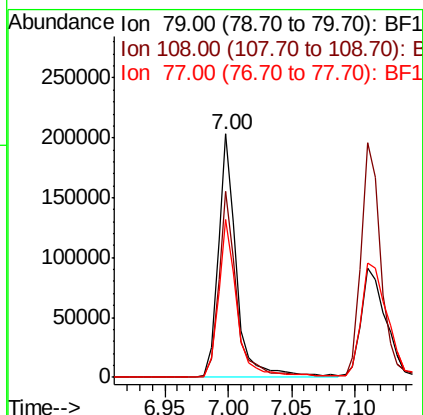
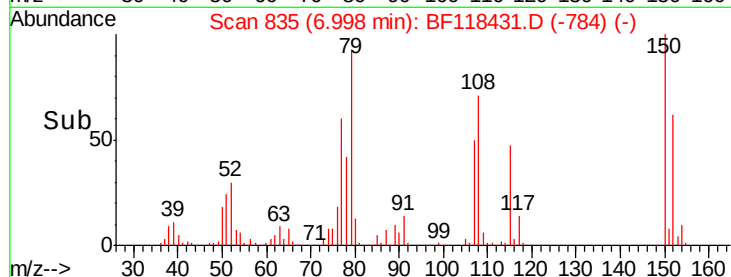
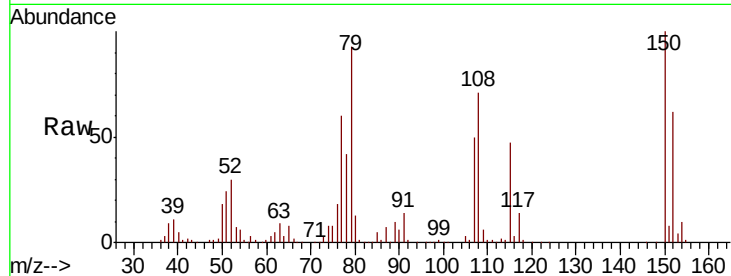




#15
Benzyl Alcohol
Concen: 42.072 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

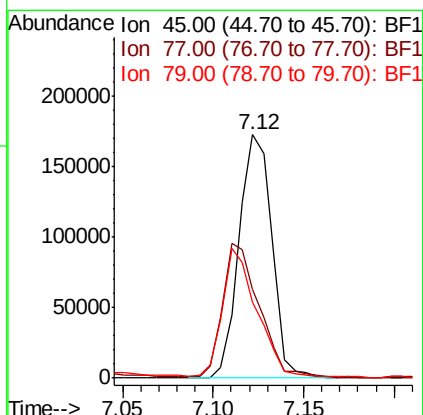
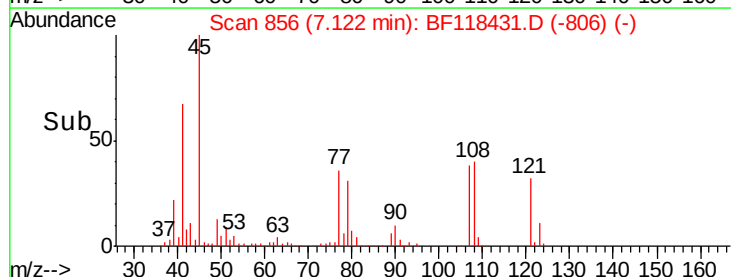
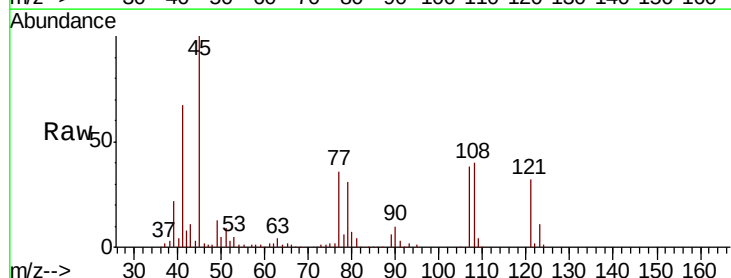
Instrument :
BNA_F
ClientSampled :

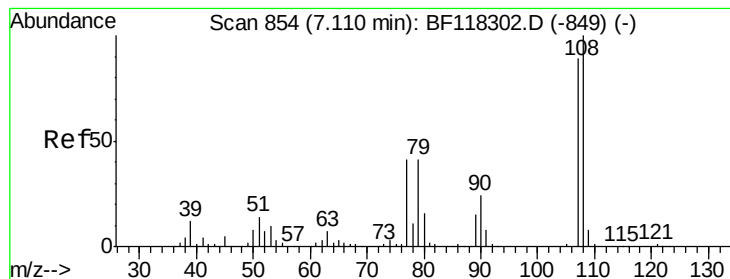
Tot Ion: 79 Resp: 204564
Ion Ratio Lower Upper
79 100
108 76.6 65.4 98.0
77 64.7 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.773 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion: 45 Resp: 217857
Ion Ratio Lower Upper
45 100
77 36.5 1.2 41.2
79 31.0 0.0 37.0

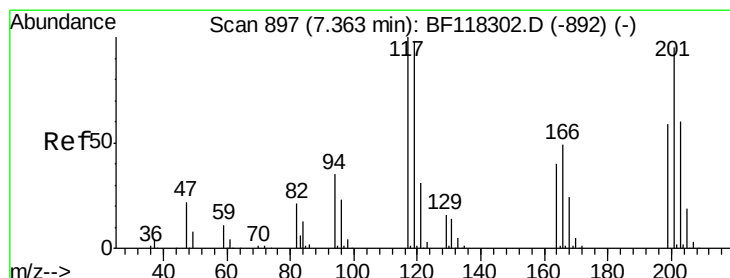
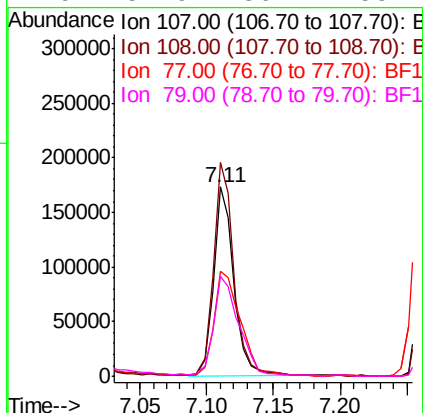
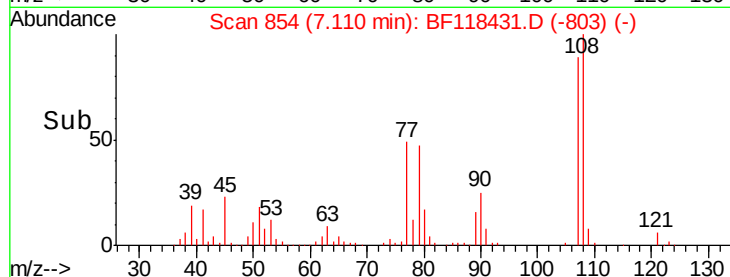
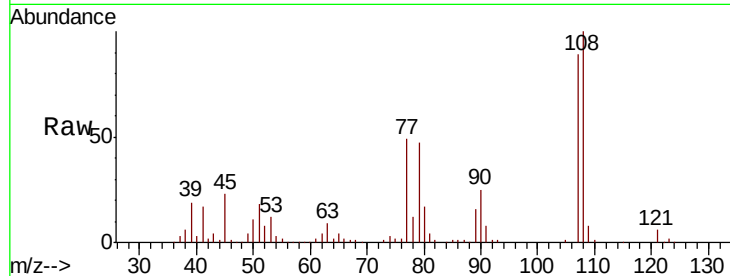




#17
2-Methylphenol
Concen: 39.563 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

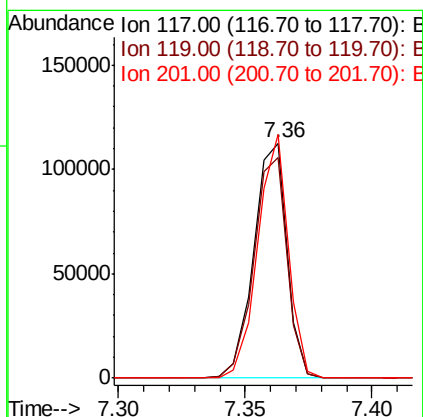
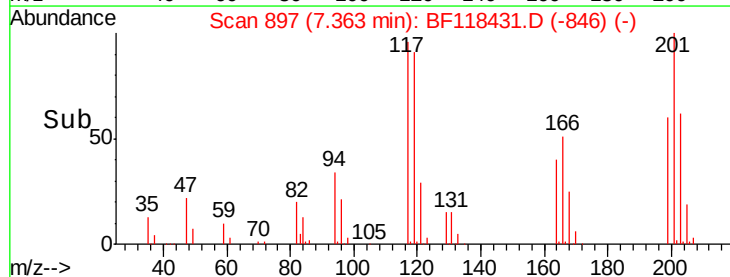
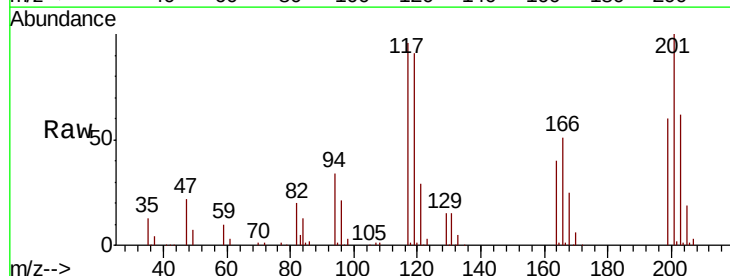
Instrument :
BNA_F
ClientSampled :

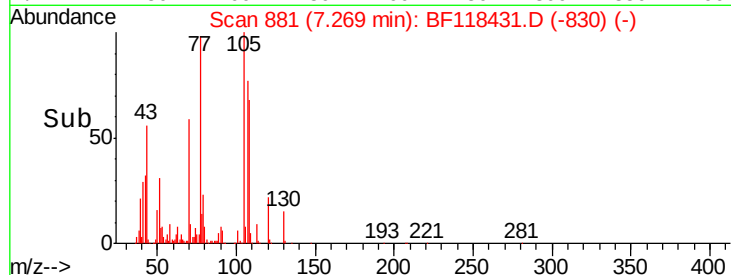
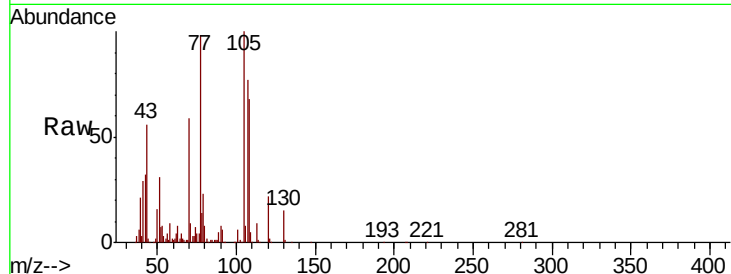
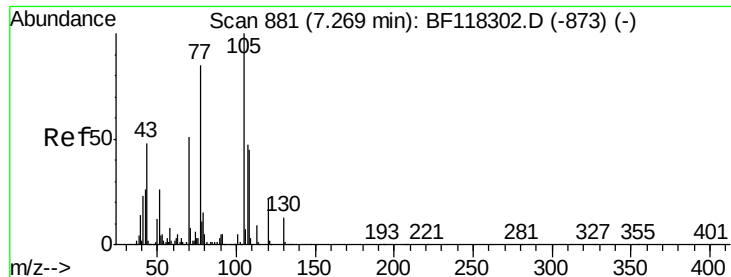
Tot Ion:107 Resp: 185004
Ion Ratio Lower Upper
107 100
108 112.8 89.7 134.5
77 55.3 37.2 55.8
79 52.9 36.7 55.1



#18
Hexachloroethane
Concen: 41.124 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion:117 Resp: 102938
Ion Ratio Lower Upper
117 100
119 93.9 78.0 117.0
201 103.7 76.2 114.2

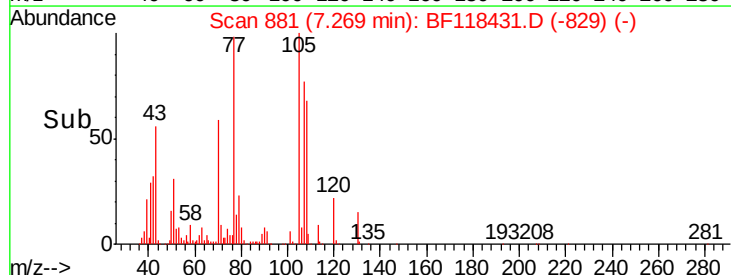
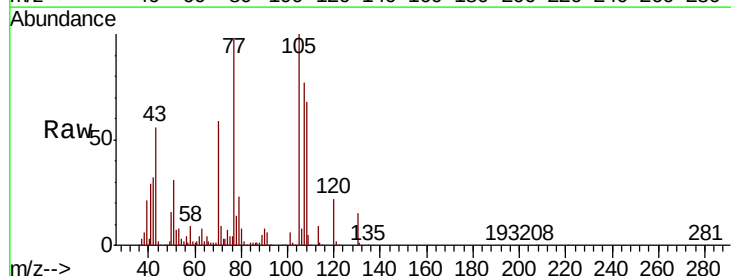
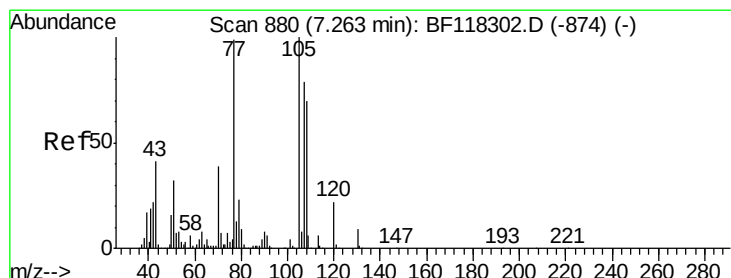
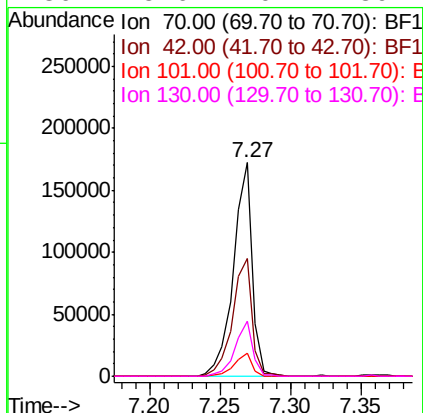




#19
n-Nitroso-di-n-propylamine
Concen: 40.882 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

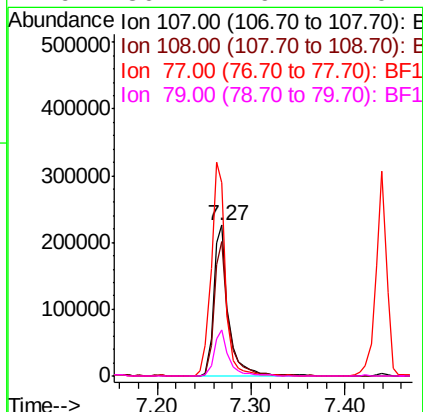
Instrument :
BNA_F
ClientSampleId :

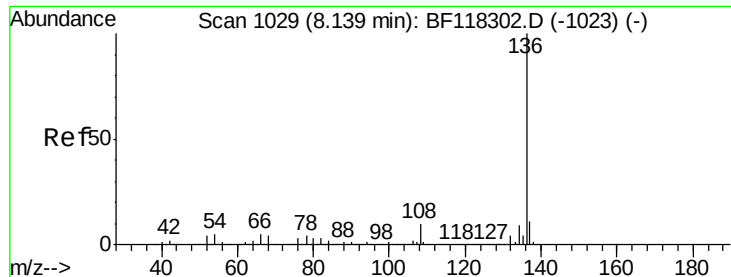
Tot Ion	Ratio	Lower	Upper
70	100		
42	55.3	41.1	61.7
101	10.9	8.3	12.5
130	25.6	20.1	30.1



#20
3+4-Methylphenols
Concen: 41.061 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.2	69.3	109.3
77	128.1	105.9	145.9
79	30.2	9.2	49.2

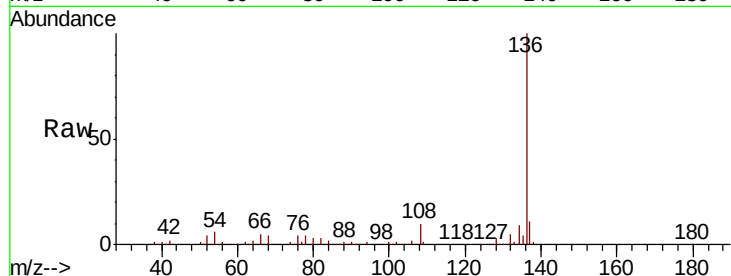




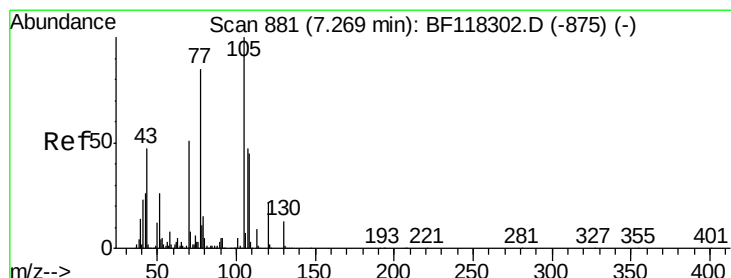
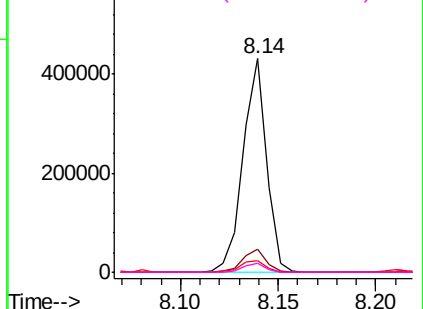
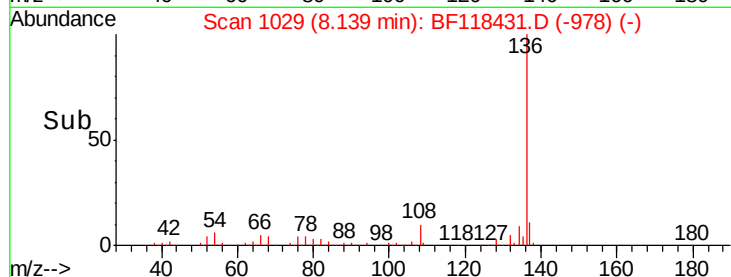
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	361660
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.9	13.3
54 5.7	4.2	6.4
68 4.0	3.5	5.3

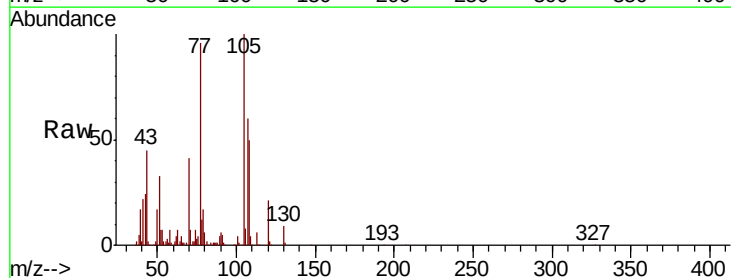


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

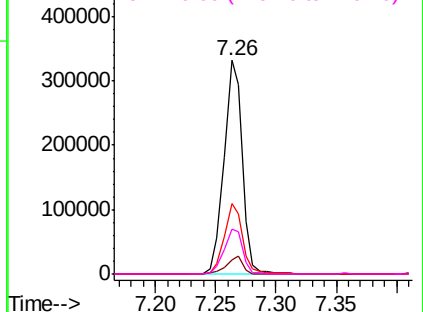
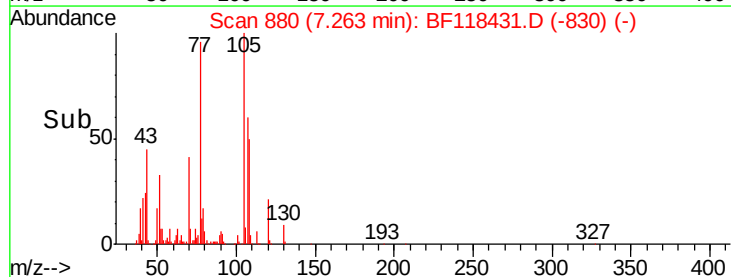


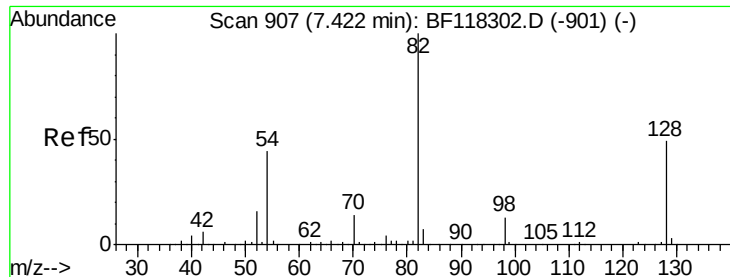
#22
Acetophenone
Concen: 39.078 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt	Ion:105	Resp:	346384
Ion	Ratio	Lower	Upper
105	100		
71	6.7	6.6	9.8
51	33.2	20.6	30.8#
120	21.2	18.0	27.0



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

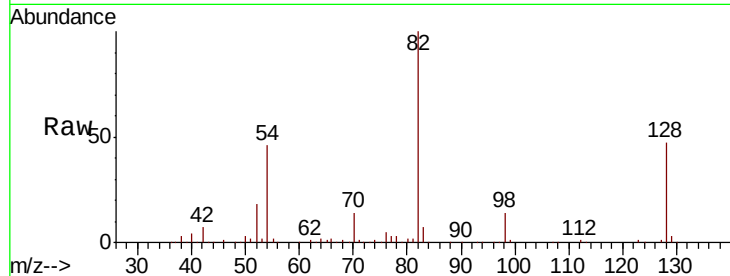




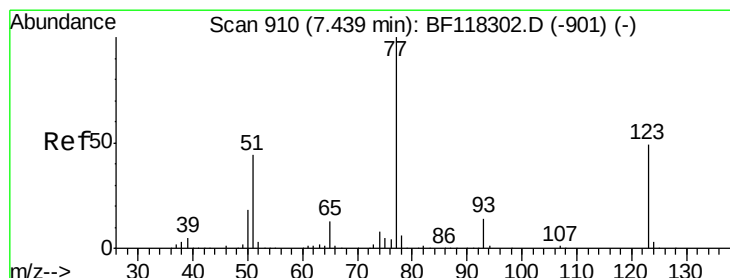
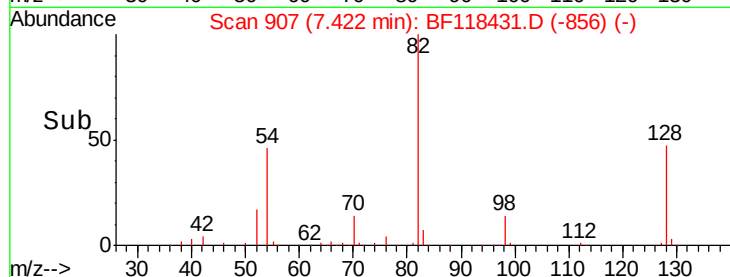
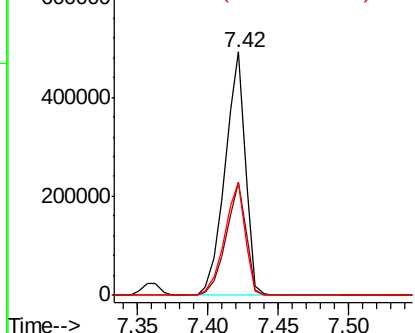
#23
Nitrobenzene-d5
Concen: 77.876 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	492434
Ion Ratio	100	Lower	Upper
128	46.6	39.6	59.4
54	46.3	34.9	52.3

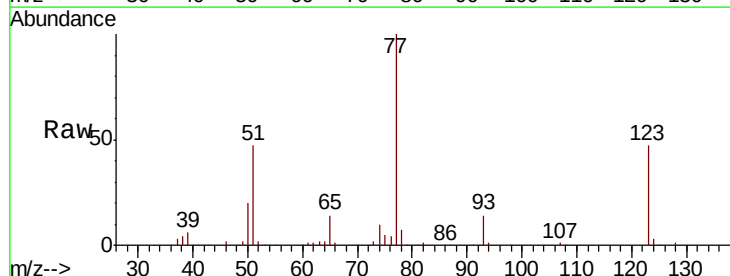


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

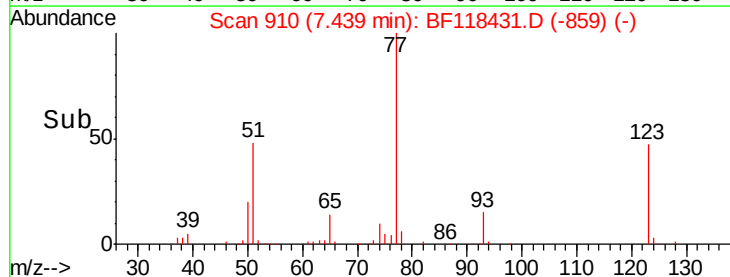
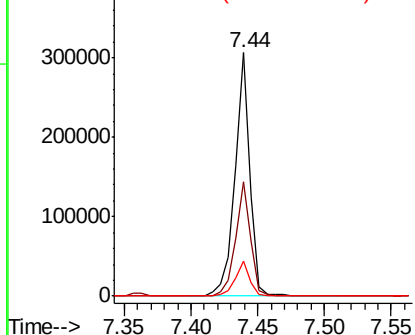


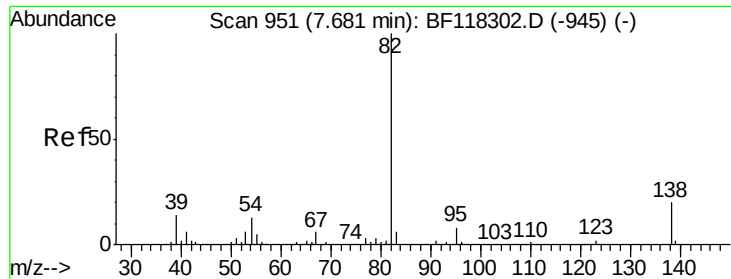
#24
Nitrobenzene
Concen: 38.159 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion	77	Resp	241709
Ion Ratio	100	Lower	Upper
123	47.2	39.1	58.7
65	14.2	10.6	16.0



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: 38.019 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Instrument :

BNA_F

ClientSampled :

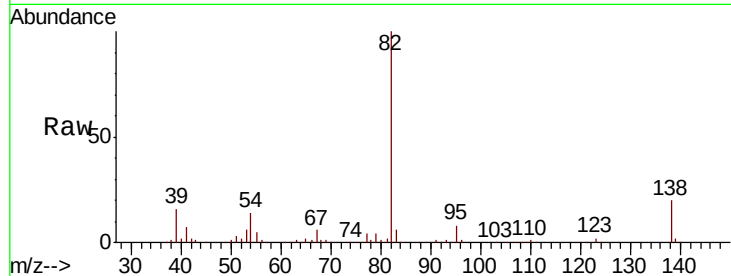
Tot Ion: 82 Resp: 418975

Ion Ratio Lower Upper

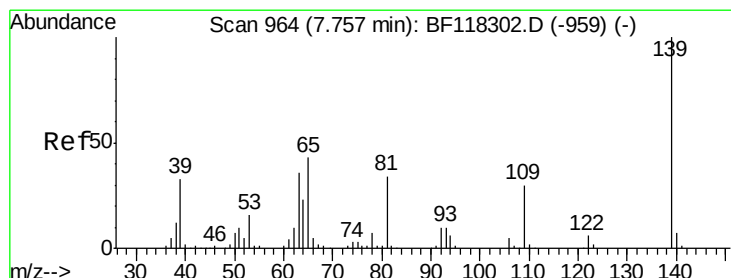
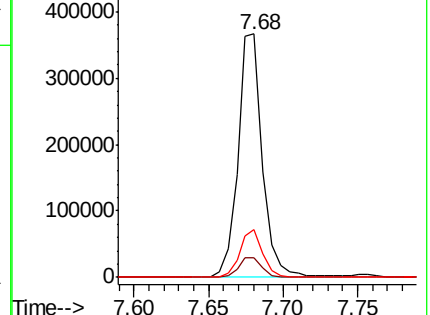
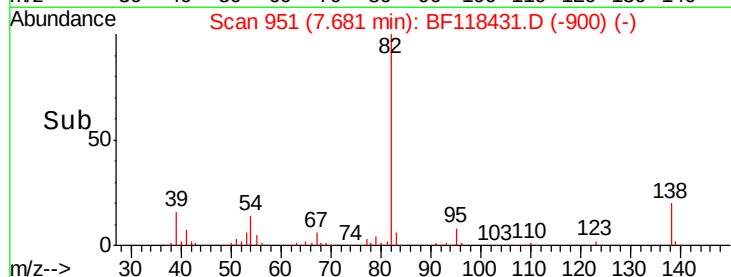
82 100

95 8.0 6.3 9.5

138 19.7 16.2 24.2



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: 39.157 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

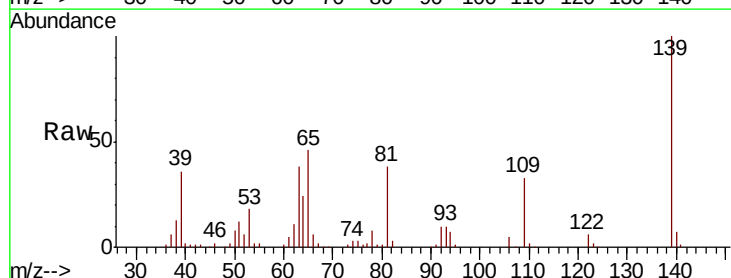
Tgt Ion: 139 Resp: 131373

Ion Ratio Lower Upper

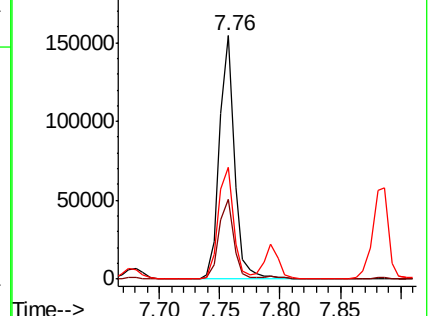
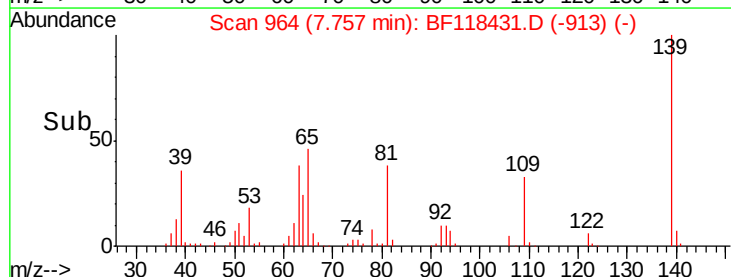
139 100

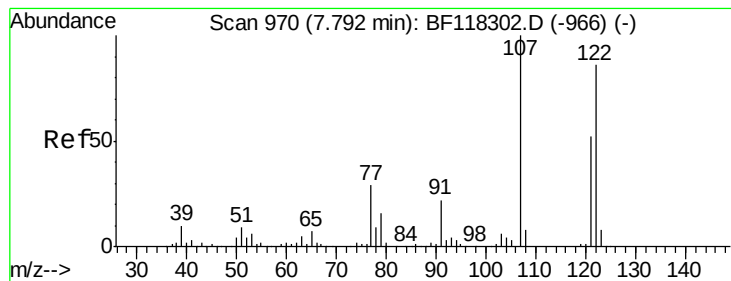
109 32.9 24.1 36.1

65 46.1 34.6 52.0



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





#27

2,4-Dimethylphenol

Concen: 37.918 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Instrument :

BNA_F

ClientSampleId :

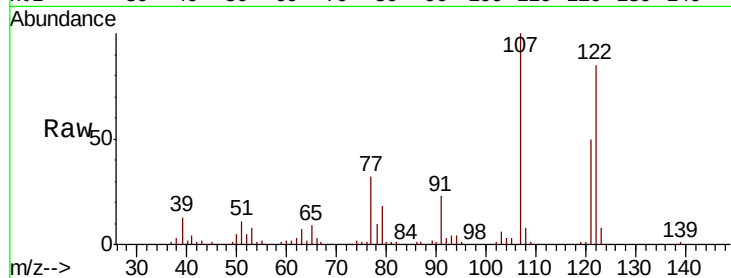
Tot Ion:122 Resp: 173572

Ion Ratio Lower Upper

122 100

107 117.8 92.9 139.3

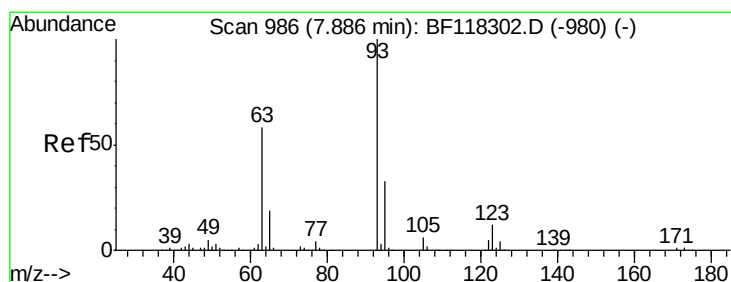
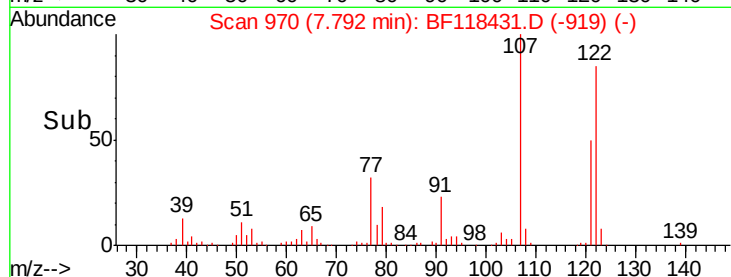
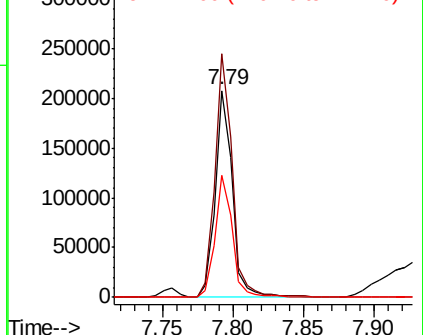
121 59.0 47.9 71.9



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: 38.583 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

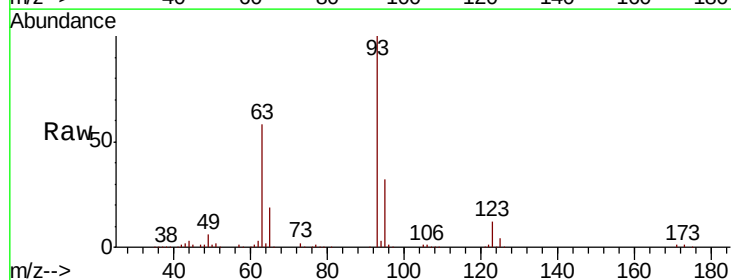
Tgt Ion: 93 Resp: 278076

Ion Ratio Lower Upper

93 100

95 31.6 26.2 39.4

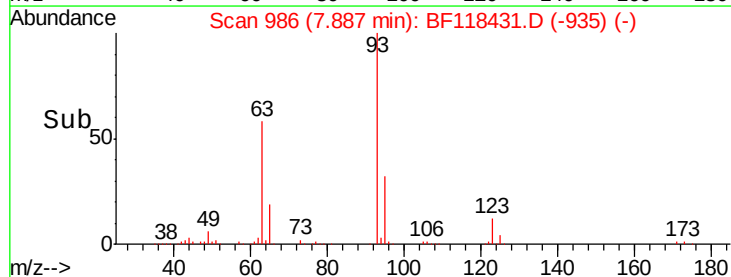
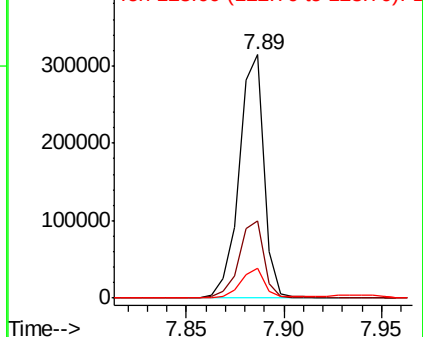
123 12.3 9.8 14.8

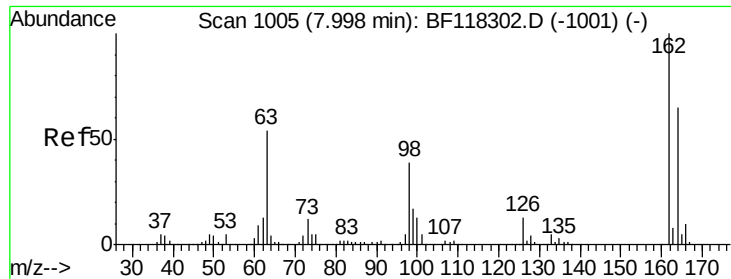


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

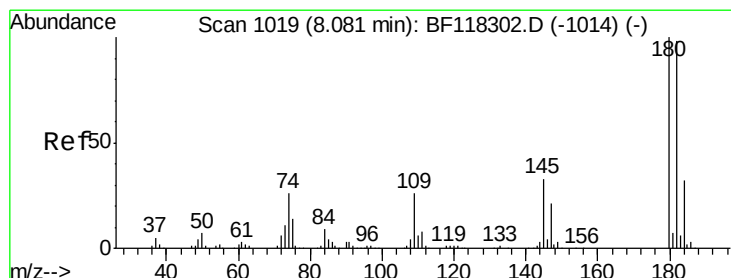
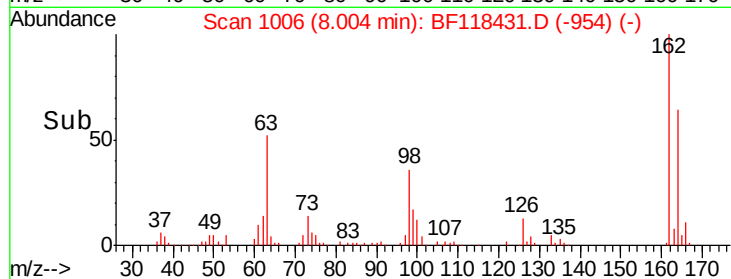
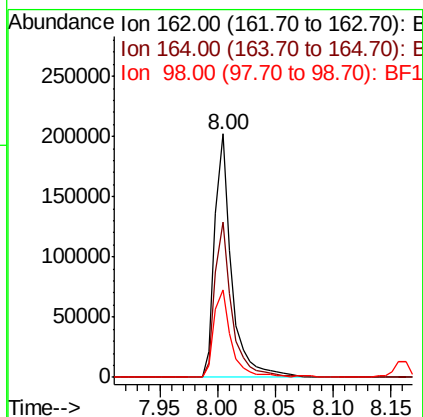
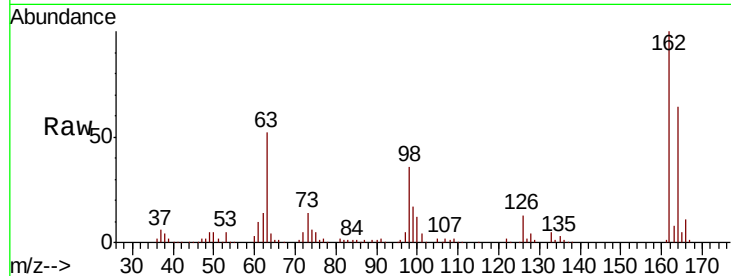




#29
2,4-Dichlorophenol
Concen: 38.762 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

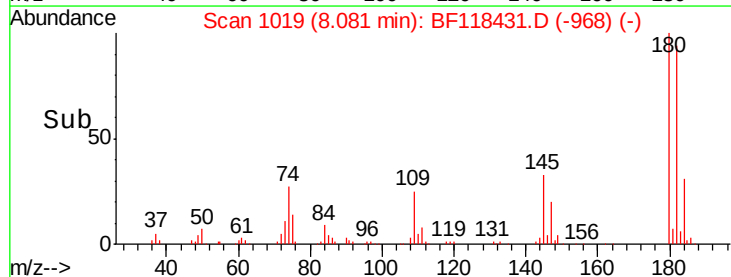
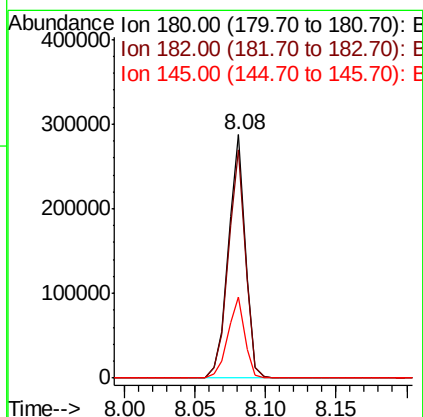
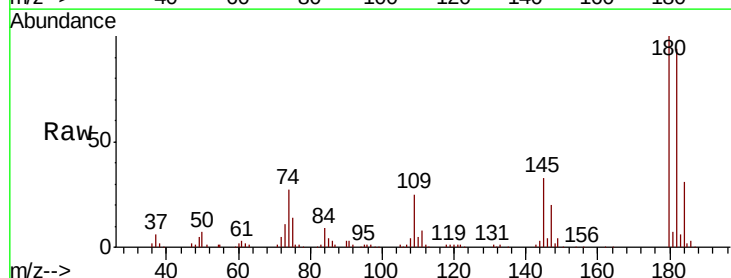
Instrument :
BNA_F
ClientSampleId :

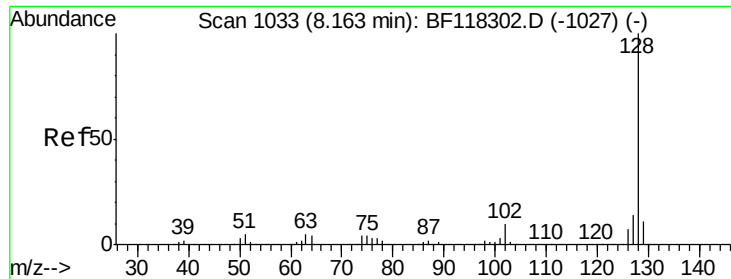
Tot Ion:162 Resp: 204228
Ion Ratio Lower Upper
162 100
164 63.6 45.1 85.1
98 36.1 18.6 58.6



#30
1,2,4-Trichlorobenzene
Concen: 39.226 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion:180 Resp: 240754
Ion Ratio Lower Upper
180 100
182 93.5 78.3 117.5
145 33.4 26.7 40.1

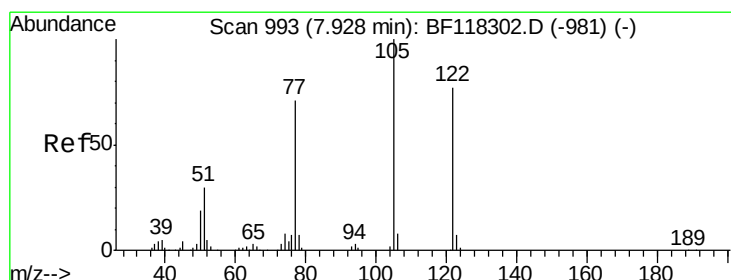
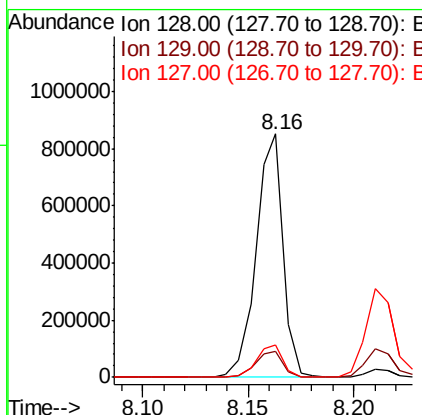
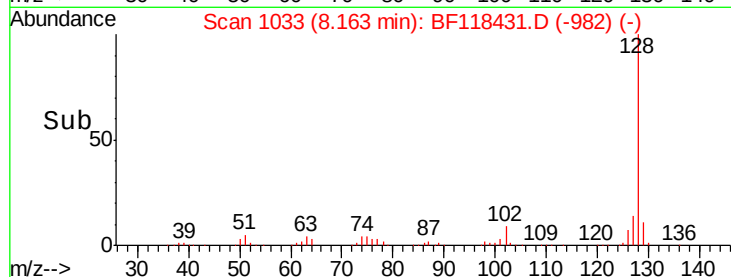
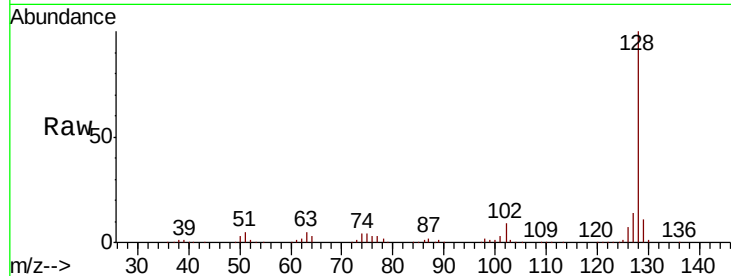




#31
Naphthalene
Concen: 41.035 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

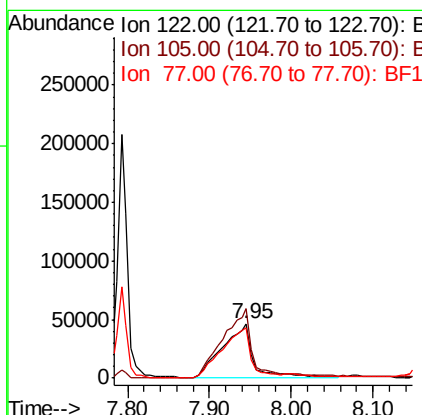
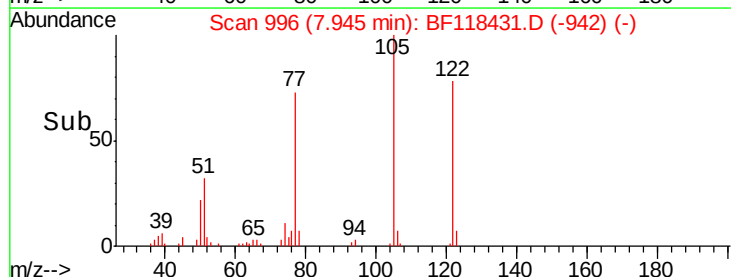
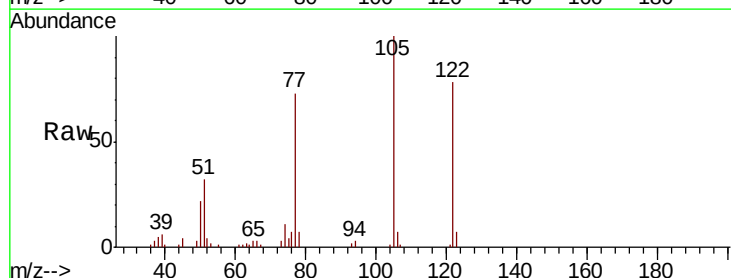
Instrument :
BNA_F
ClientSampleId :

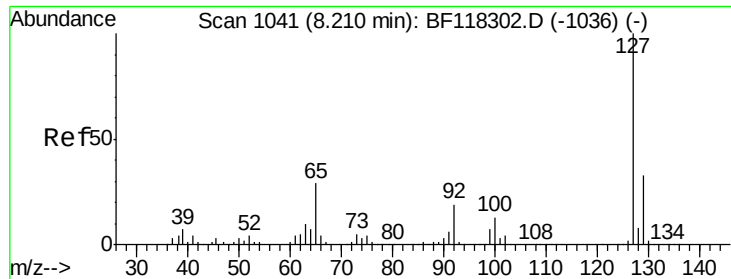
Tot Ion:128 Resp: 754305
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 13.5 11.0 16.4



#32
Benzoic acid
Concen: 33.419 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.02 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion:122 Resp: 121620
Ion Ratio Lower Upper
122 100
105 128.0 106.8 146.8
77 93.1 70.4 110.4

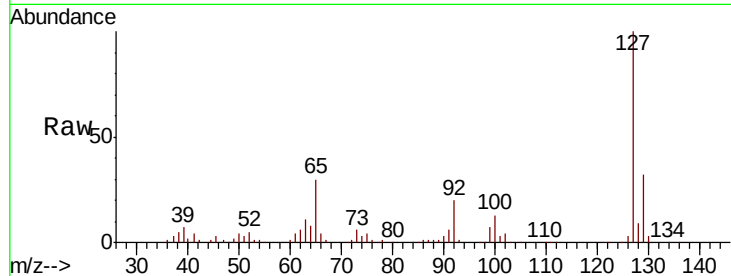




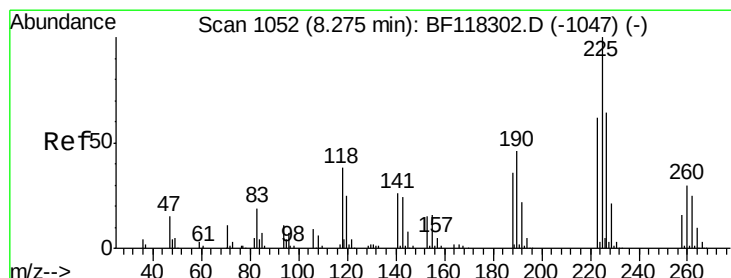
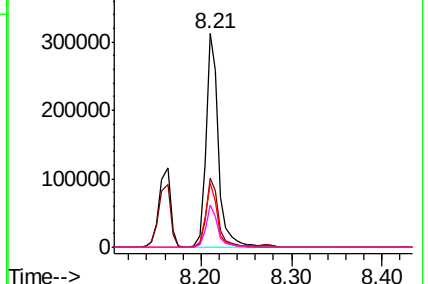
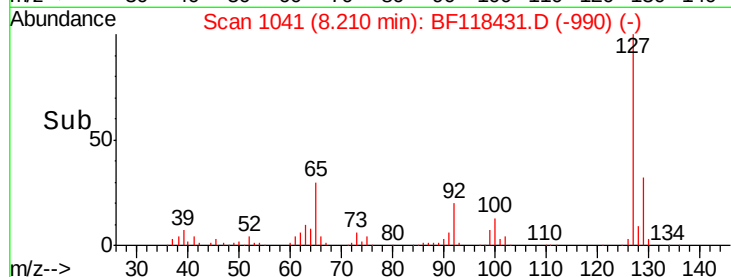
#33
4-Chloroaniline
Concen: 38.716 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	305094
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.5	39.7
65	30.0	22.8	34.2
92	19.8	15.5	23.3

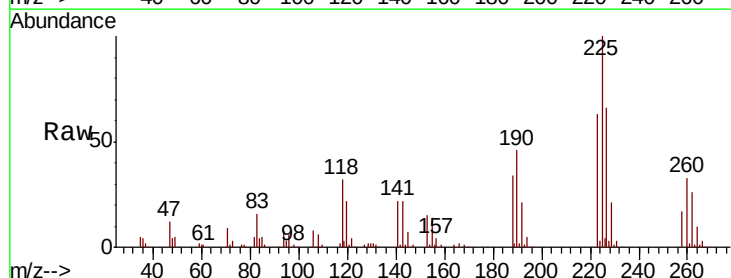


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

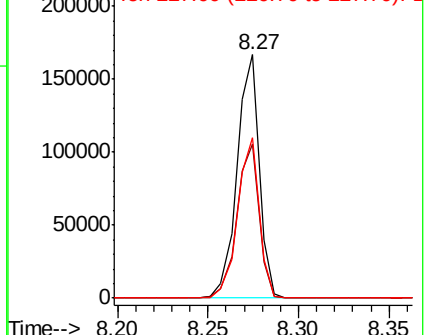
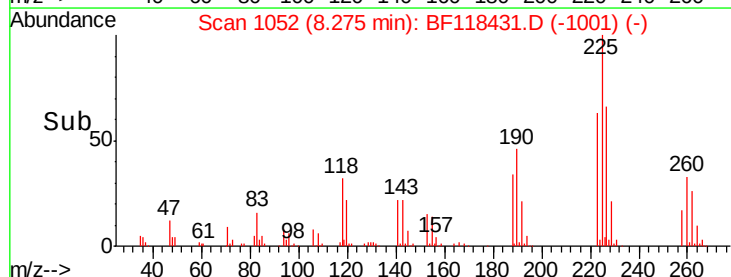


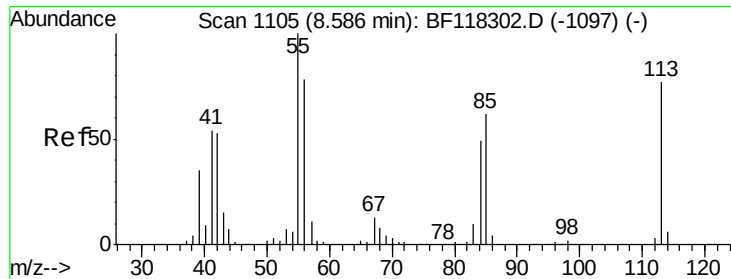
#34
Hexachlorobutadiene
Concen: 38.815 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion:	225	Resp:	141810
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.5	74.3
227	65.8	51.0	76.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

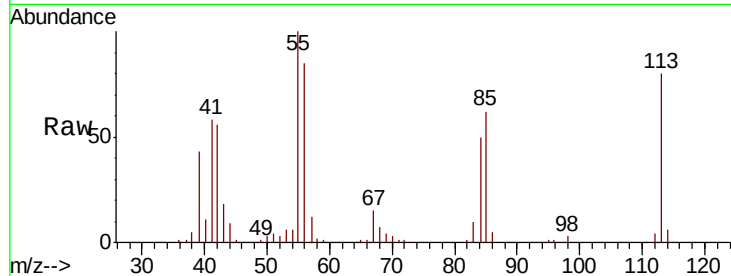




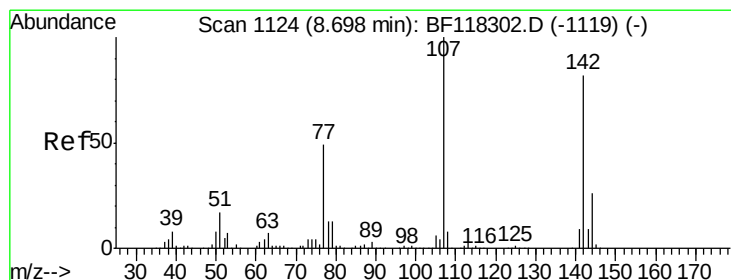
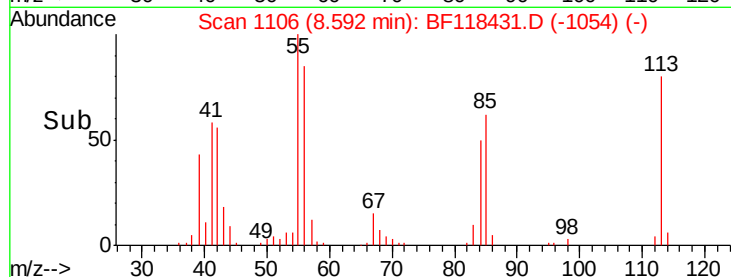
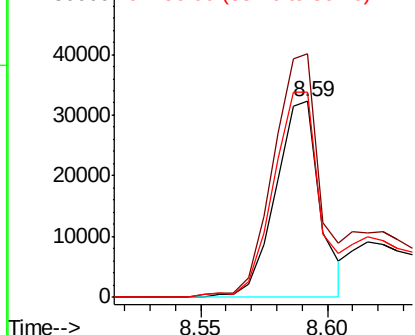
#35
 Caprolactam
 Concen: 23.892 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF118431.D
 Acq: 2 Jan 2020 12:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 39301
 Ion Ratio Lower Upper
 113 100
 55 124.4 109.8 149.8
 56 105.2 81.7 121.7

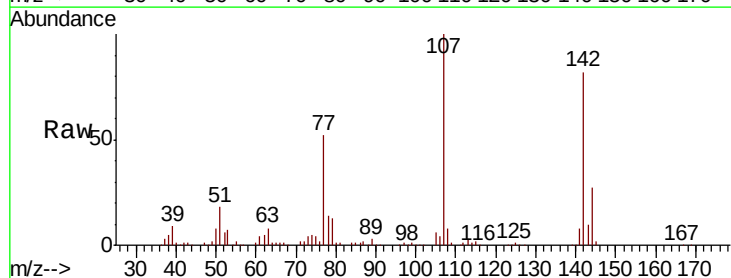


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

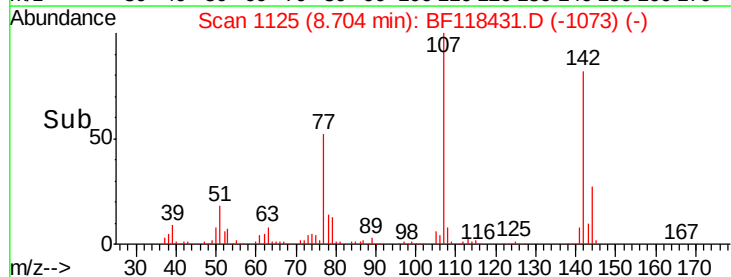
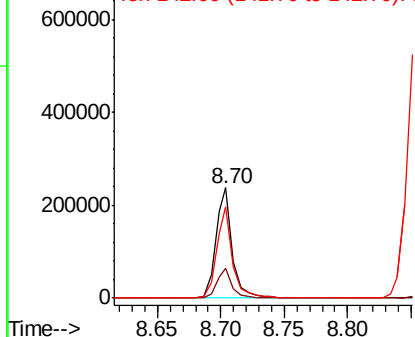


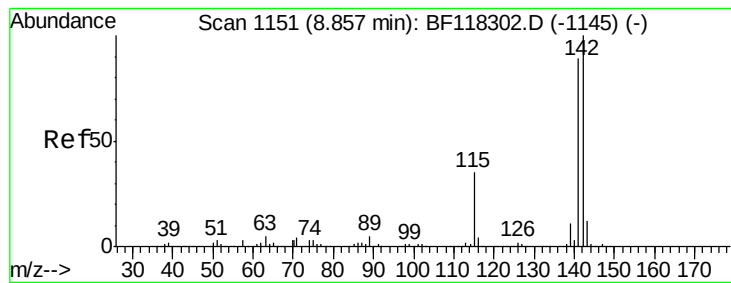
#36
 4-Chloro-3-methylphenol
 Concen: 38.124 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF118431.D
 Acq: 2 Jan 2020 12:58

Tgt Ion:107 Resp: 215658
 Ion Ratio Lower Upper
 107 100
 144 27.2 21.2 31.8
 142 82.3 65.4 98.2



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: 37.828 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Instrument :

BNA_F

ClientSampleId :

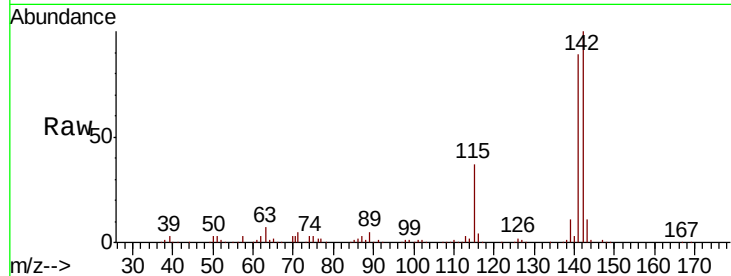
Tot Ion:142 Resp: 476080

Ion Ratio Lower Upper

142 100

141 89.1 71.2 106.8

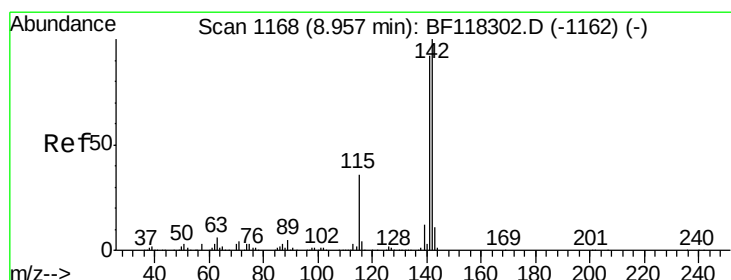
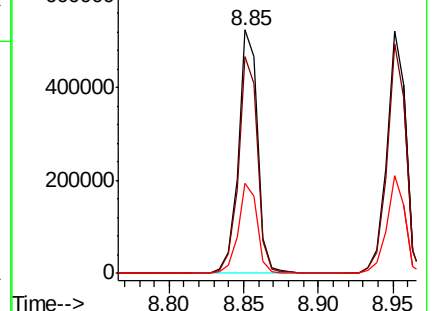
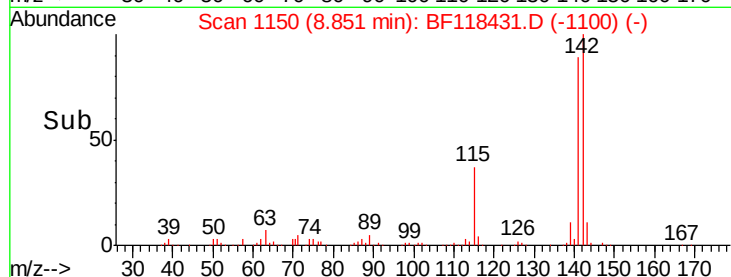
115 36.9 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 37.848 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

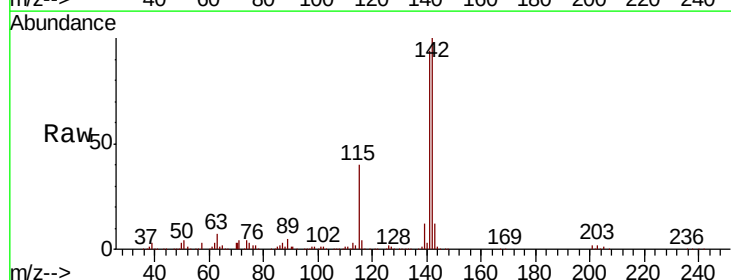
Tgt Ion:142 Resp: 448766

Ion Ratio Lower Upper

142 100

141 94.4 73.4 110.2

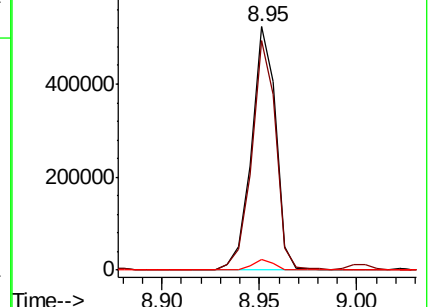
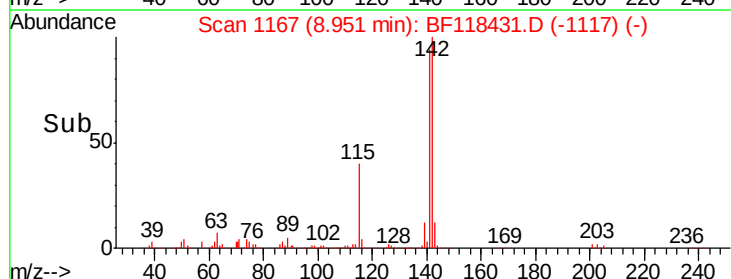
116 4.3 2.9 4.3

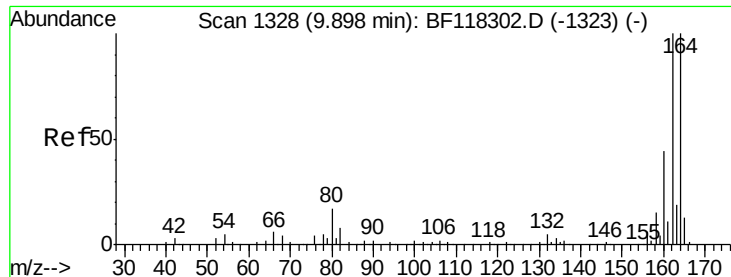


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

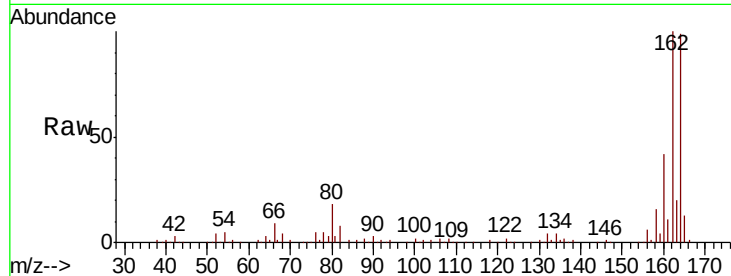




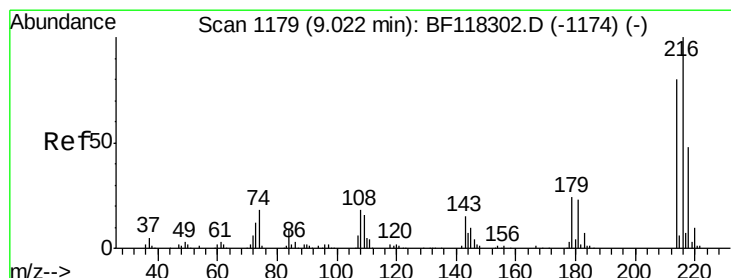
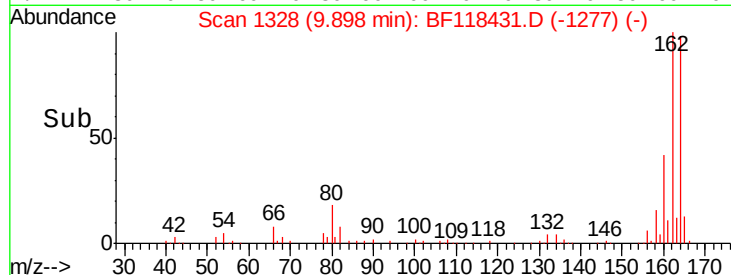
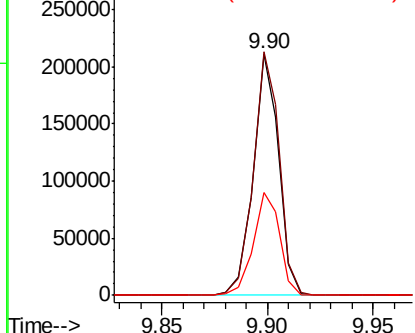
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 176921
Ion Ratio Lower Upper
164 100
162 100.9 80.0 120.0
160 42.8 34.8 52.2

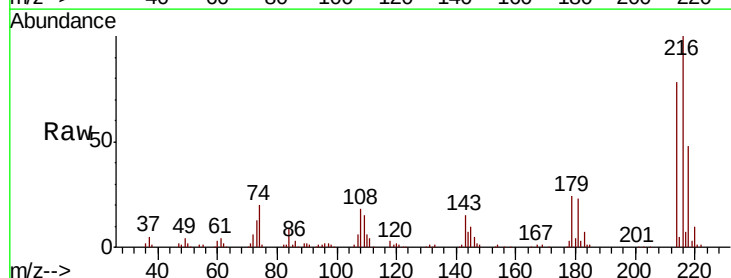


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

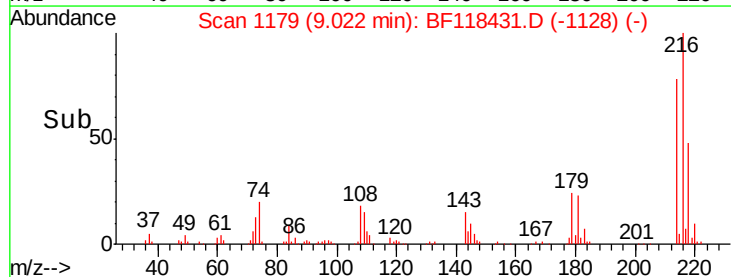
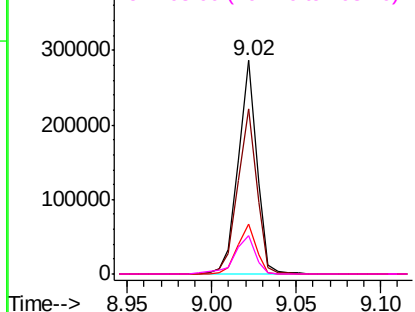


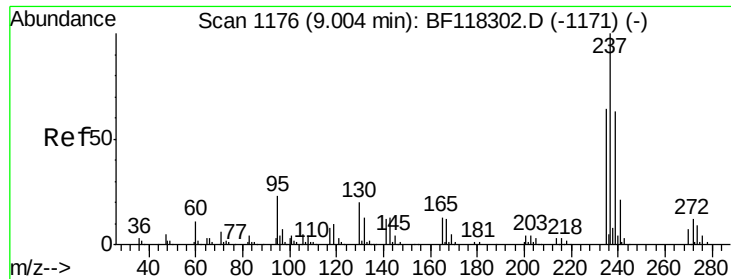
#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.288 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion:216 Resp: 219474
Ion Ratio Lower Upper
216 100
214 79.2 63.3 94.9
179 23.6 18.9 28.3
108 19.8 15.0 22.6



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

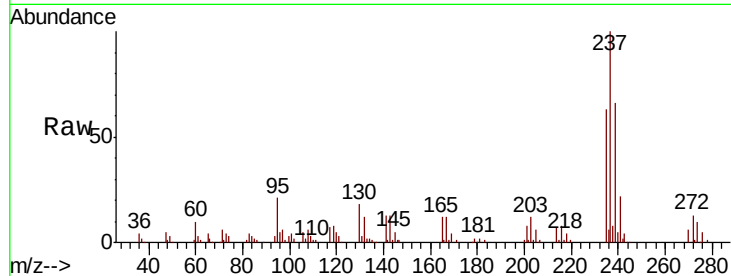




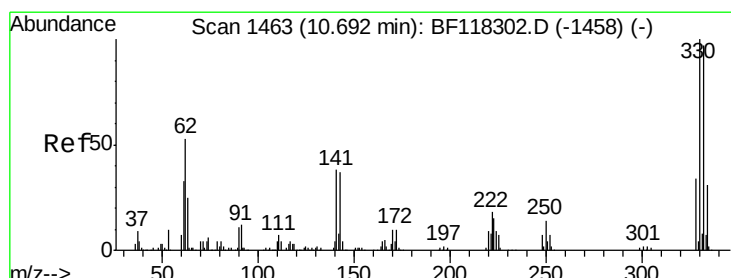
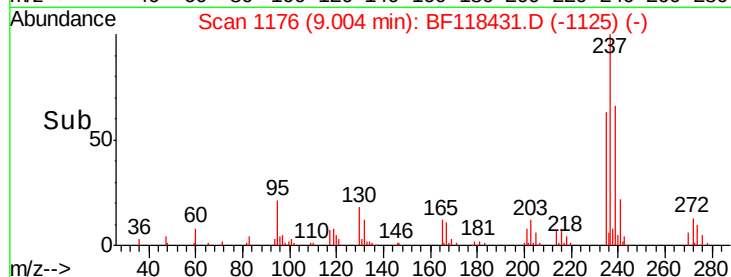
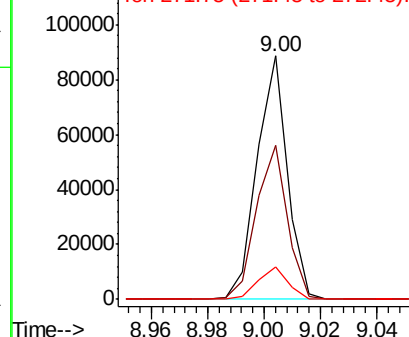
#41
Hexachlorocyclopentadiene
Concen: 35.186 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 65982
Ion Ratio Lower Upper
237 100
235 63.0 43.8 83.8
272 13.2 0.0 31.7

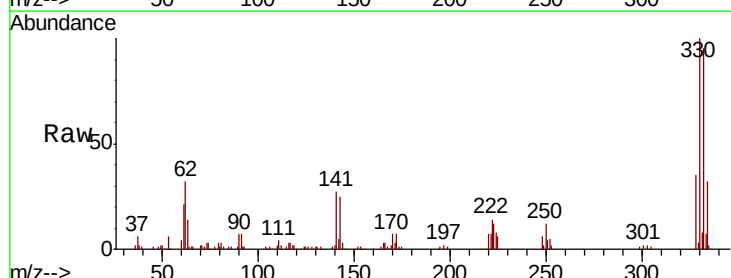


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

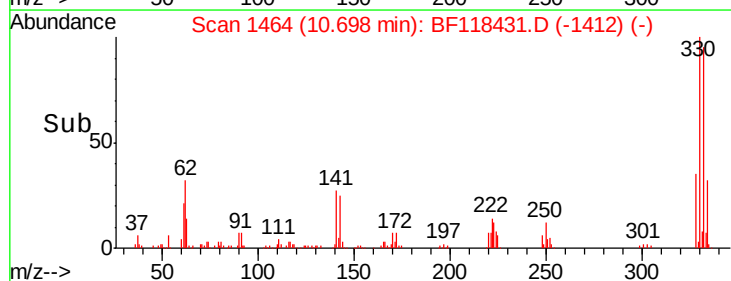
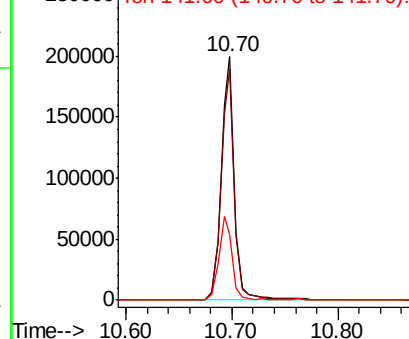


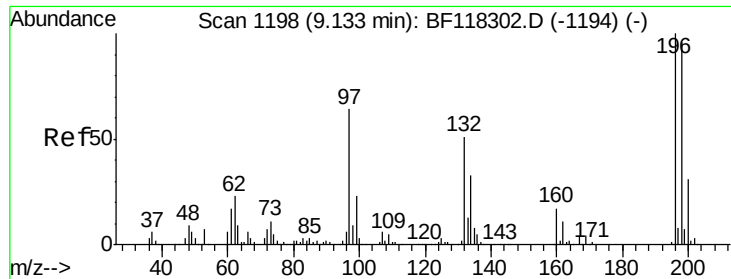
#42
2,4,6-Tribromophenol
Concen: 81.070 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion:330 Resp: 177125
Ion Ratio Lower Upper
330 100
332 95.5 76.6 114.8
141 35.0 26.0 39.0



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

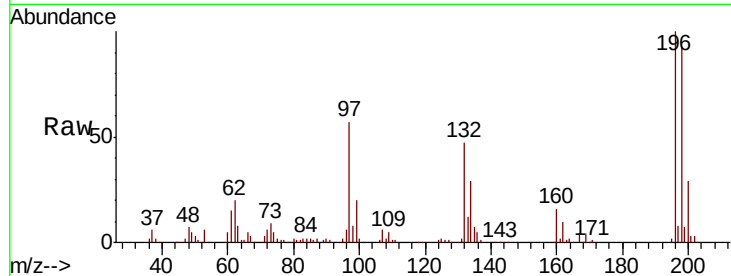




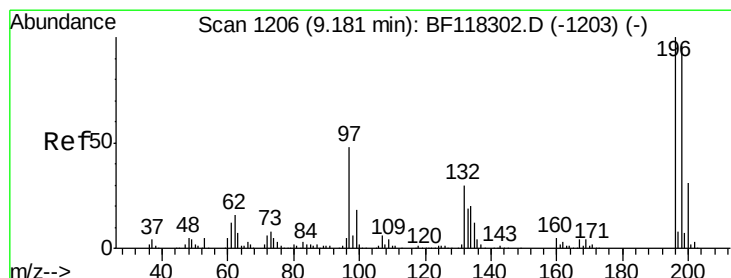
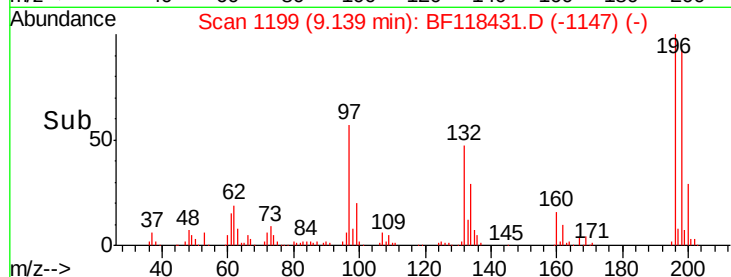
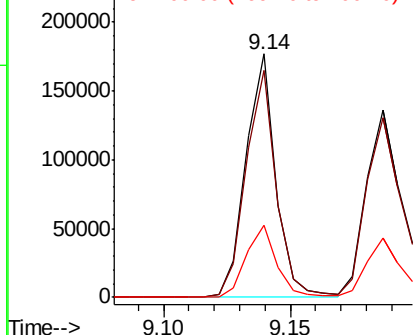
#43
 2,4,6-Trichlorophenol
 Concen: 40.932 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF118431.D
 Acq: 2 Jan 2020 12:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 145362
 Ion Ratio Lower Upper
 196 100
 198 93.5 76.7 115.1
 200 29.5 24.8 37.2

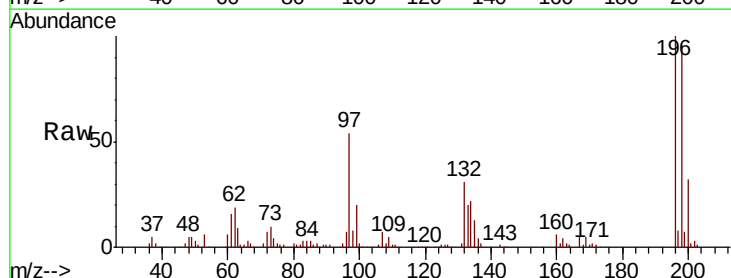


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

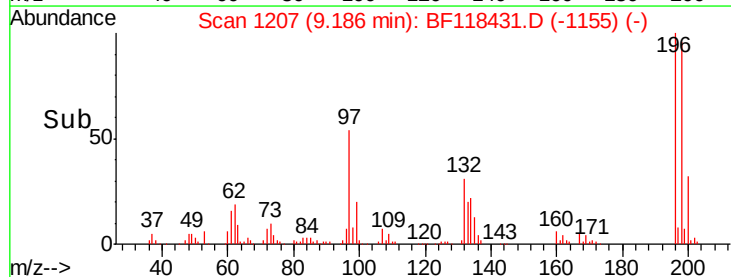
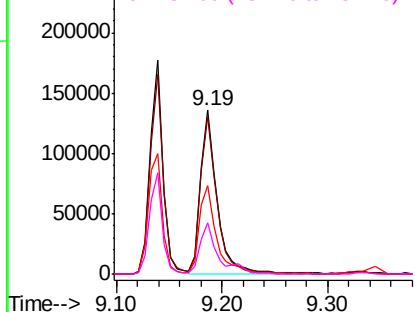


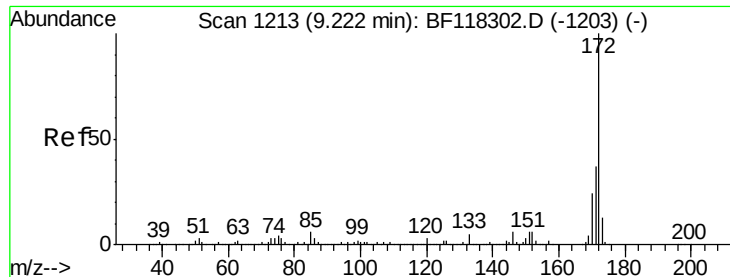
#44
 2,4,5-Trichlorophenol
 Concen: 39.969 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF118431.D
 Acq: 2 Jan 2020 12:58

Tgt Ion:196 Resp: 146017
 Ion Ratio Lower Upper
 196 100
 198 96.2 77.0 115.4
 97 53.8 38.9 58.3
 132 31.2 23.9 35.9



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: 88.391 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

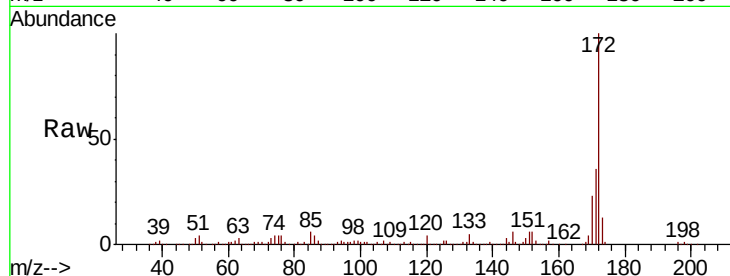
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1024465

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.3	43.9
170	23.0	19.2	28.8

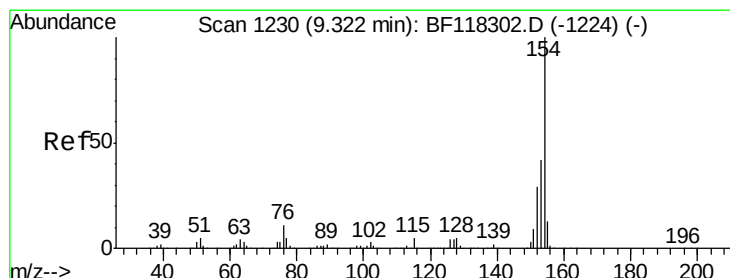
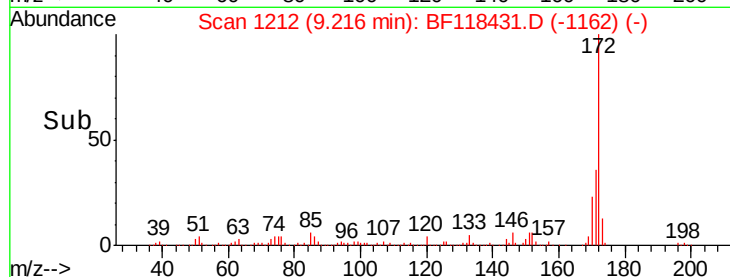
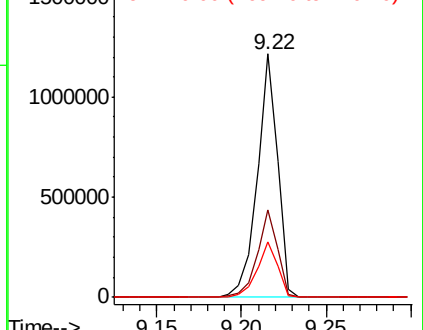


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 44.583 ng

RT: 9.32 min Scan# 1230

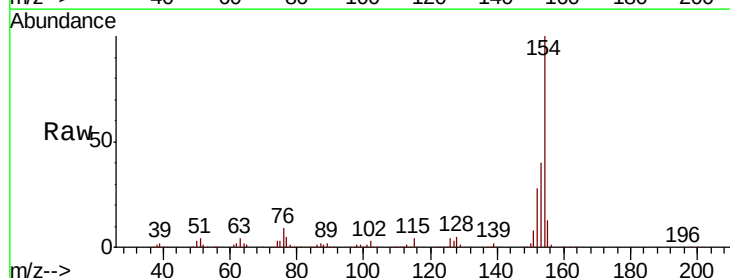
Delta R.T. 0.00 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Tgt Ion:154 Resp: 623869

Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.8	61.8
76	9.3	0.0	30.9

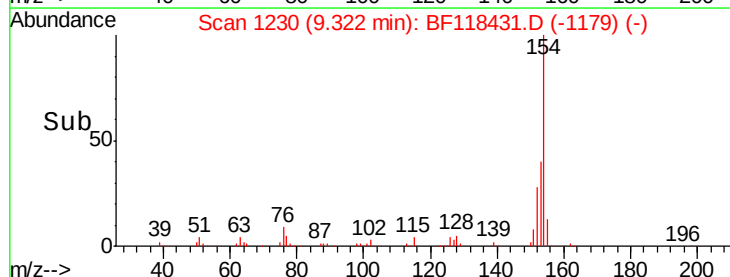
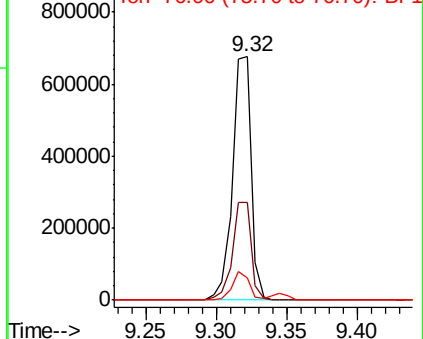


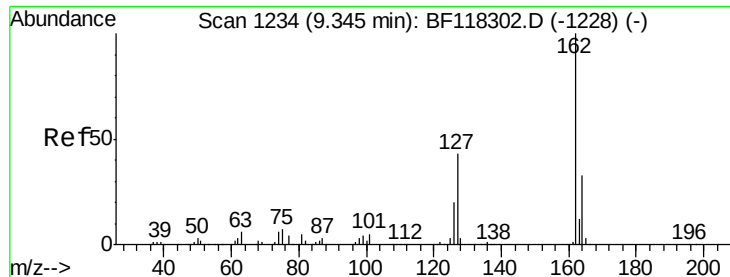
Abundance

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

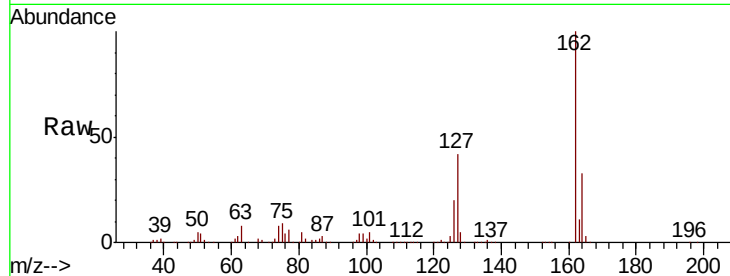




#47
2-Chloronaphthalene
Concen: 44.479 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.4	35.0	52.4
164	33.5	26.6	40.0

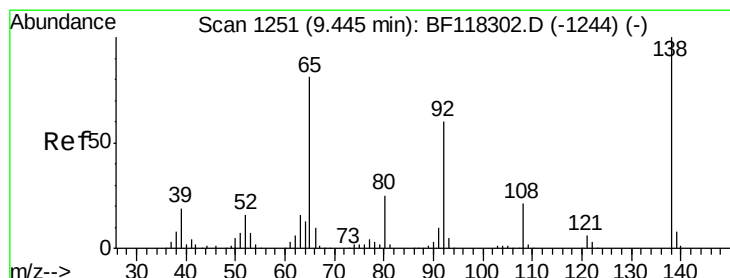
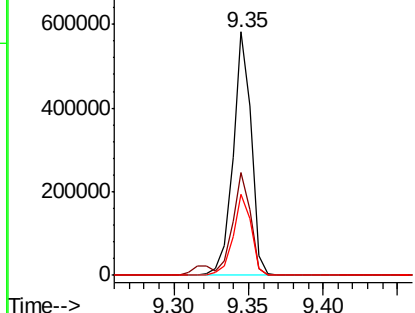
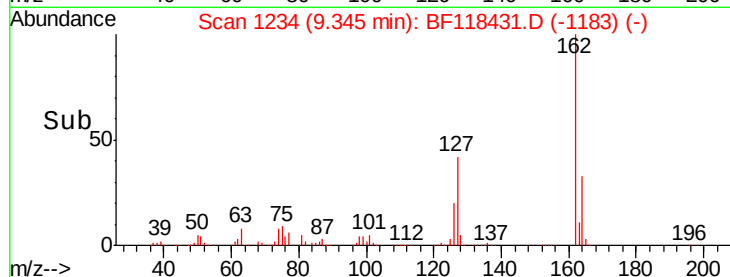


Abundance

Ion 162.00 (161.70 to 162.70): E

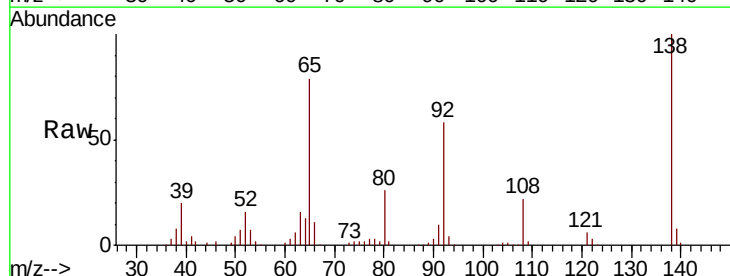
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 44.688 ng
RT: 9.45 min Scan# 1252
Delta R.T. 0.01 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.3	58.7	88.1
138	127.2	98.5	147.7

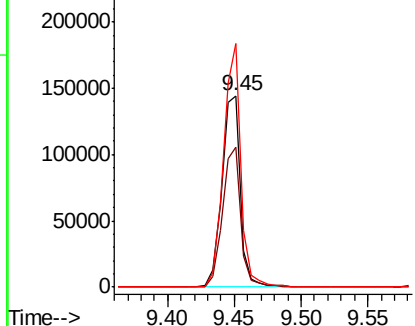
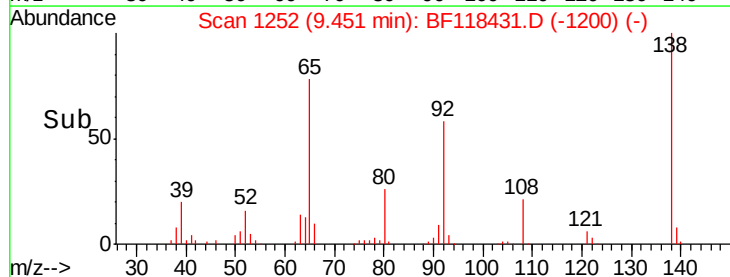


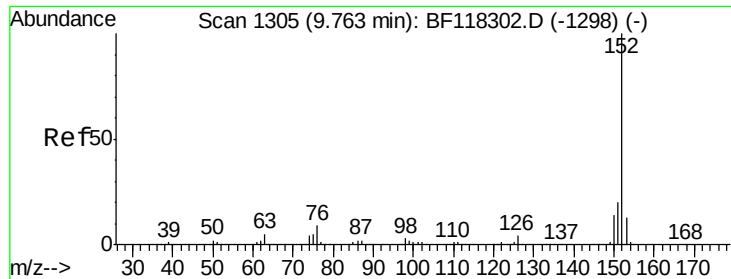
Abundance

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: 42.290 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Instrument :

BNA_F

ClientSampleId :

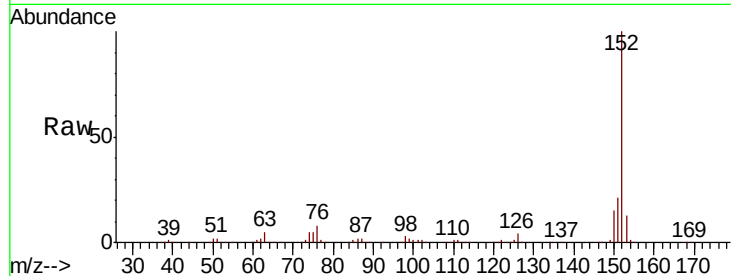
Tot Ion:152 Resp: 706378

Ion Ratio Lower Upper

152 100

151 20.8 16.2 24.2

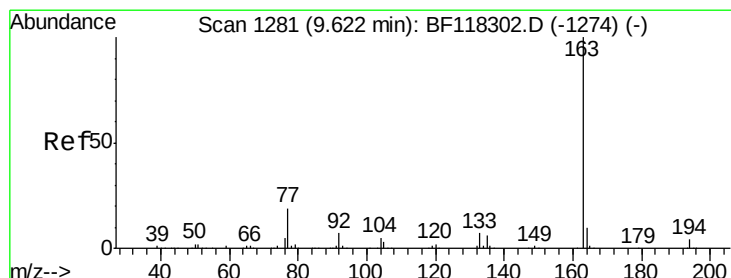
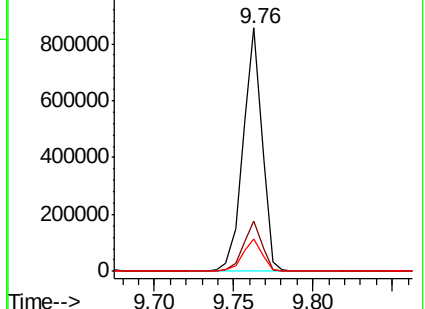
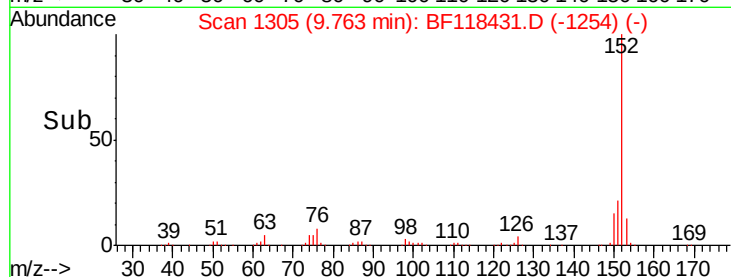
153 13.1 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.187 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

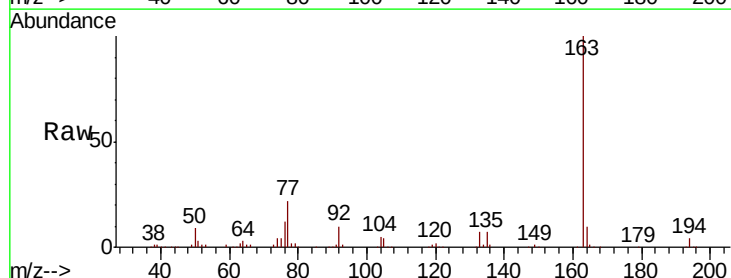
Tgt Ion:163 Resp: 560253

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

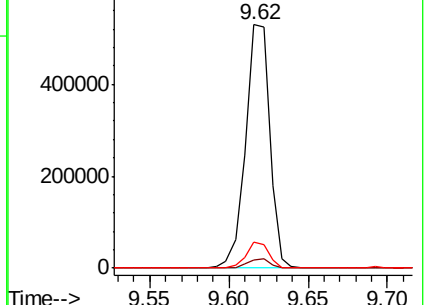
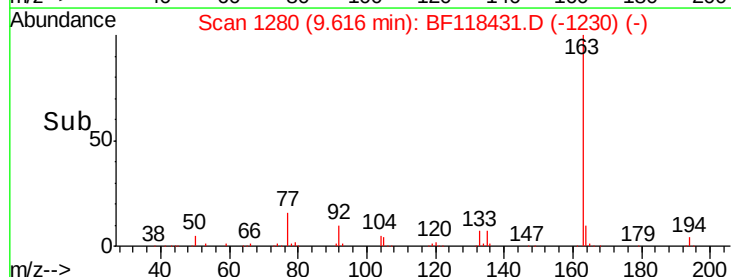
164 10.4 7.9 11.9

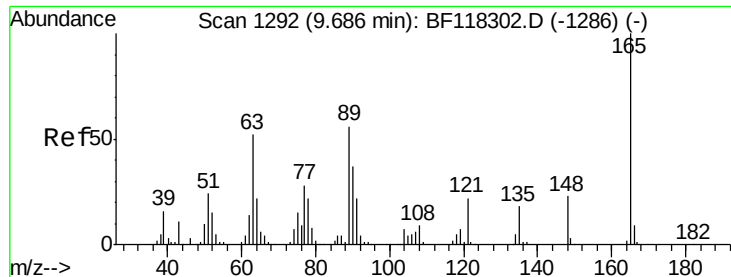


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

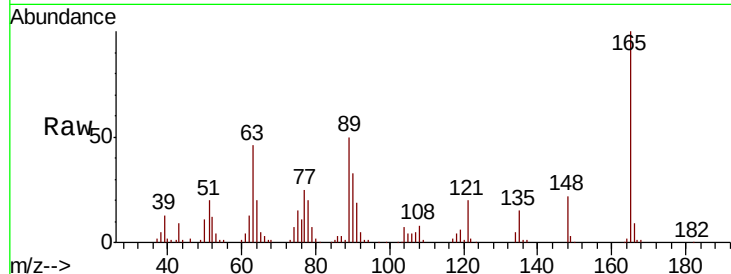




#51
 2,6-Dinitrotoluene
 Concen: 42.080 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. 0.01 min
 Lab File: BF118431.D
 Acq: 2 Jan 2020 12:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.5	42.2	63.4
89	49.7	44.4	66.6

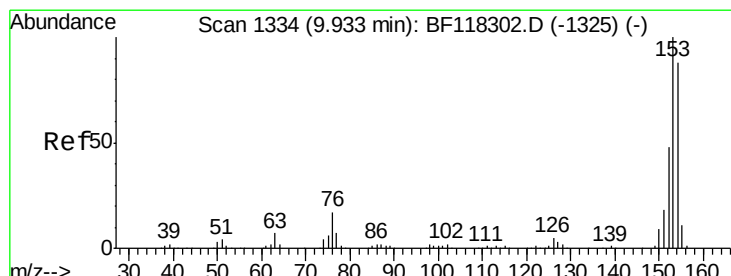
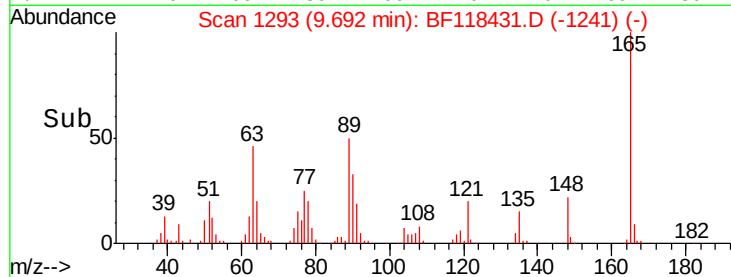
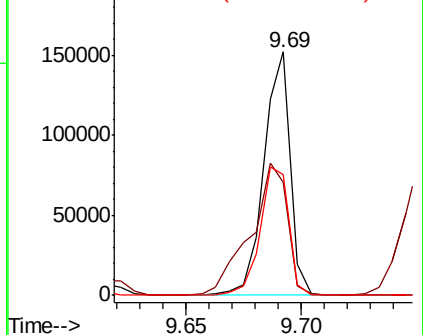


Abundance

Ion 165.00 (164.70 to 165.70): E

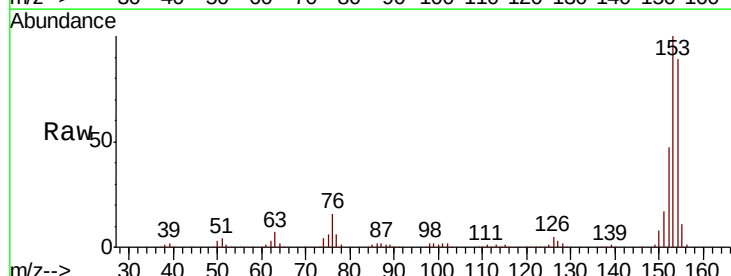
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
 Acenaphthene
 Concen: 40.305 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF118431.D
 Acq: 2 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.6	136.0
152	52.8	43.1	64.7

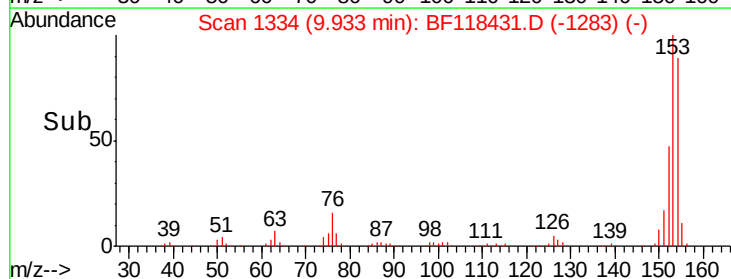
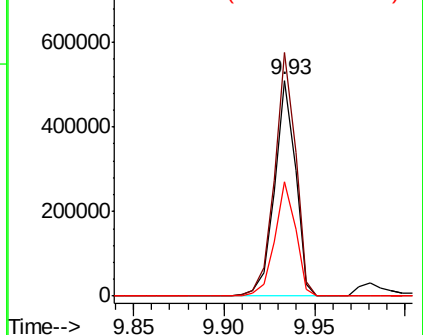


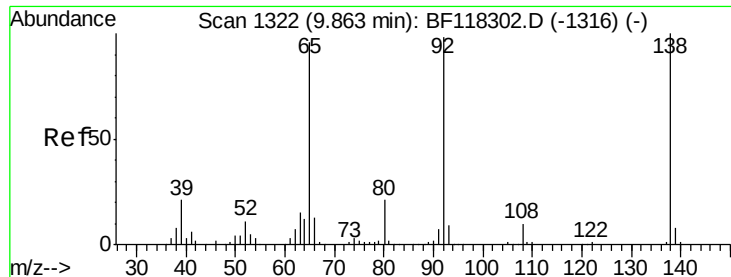
Abundance

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

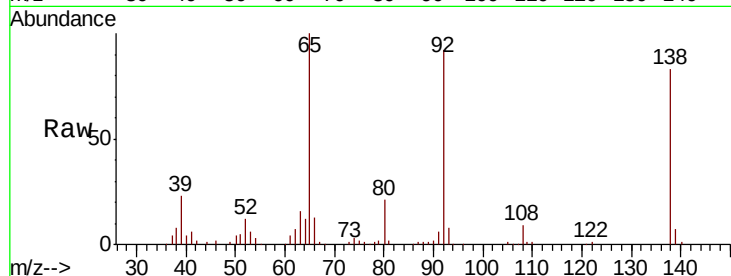




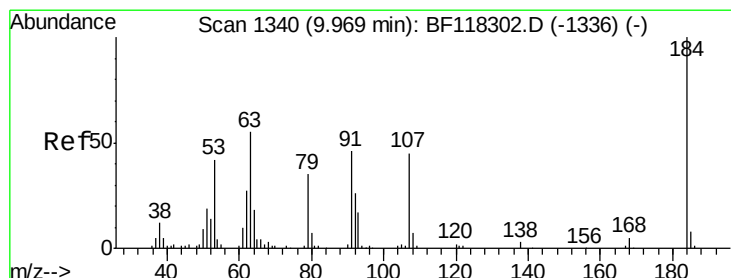
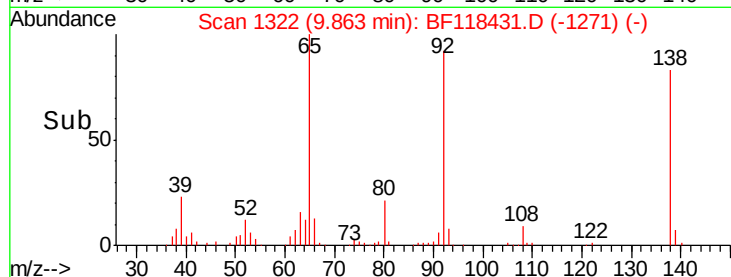
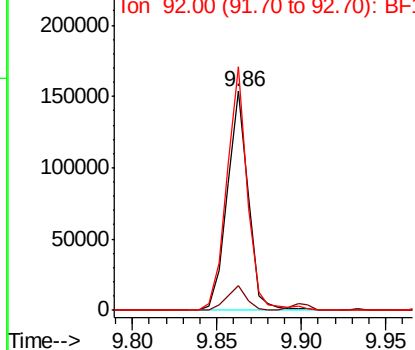
#53
3-Nitroaniline
Concen: 39.433 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 132513
Ion Ratio Lower Upper
138 100
108 11.2 7.8 11.8
92 111.3 78.2 117.2

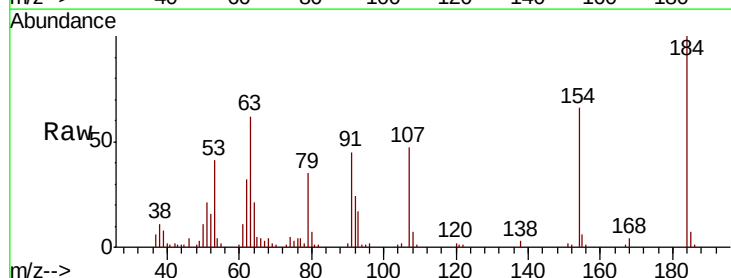


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

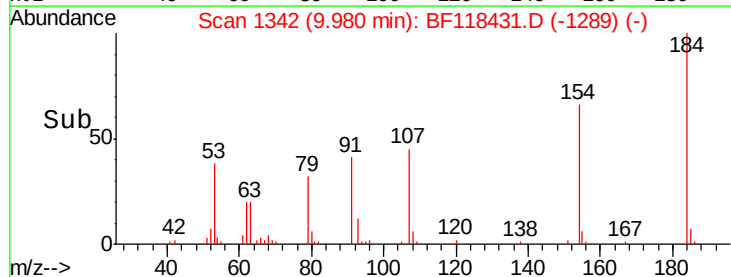
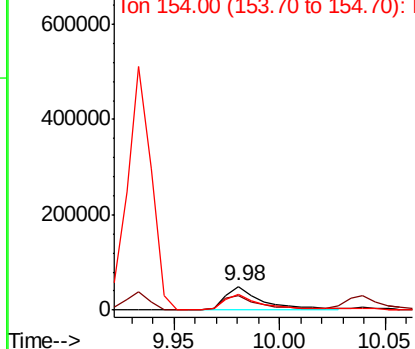


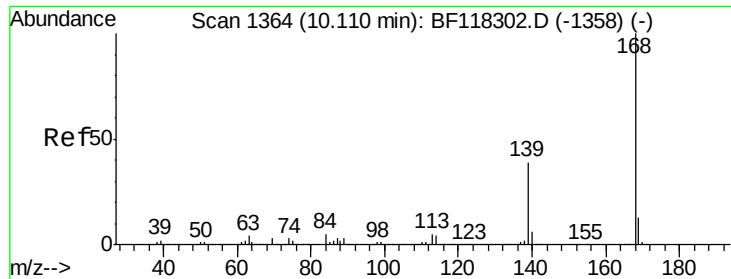
#54
2,4-Dinitrophenol
Concen: 44.441 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion:184 Resp: 60599
Ion Ratio Lower Upper
184 100
63 61.5 48.8 73.2
154 66.1 55.0 82.4



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

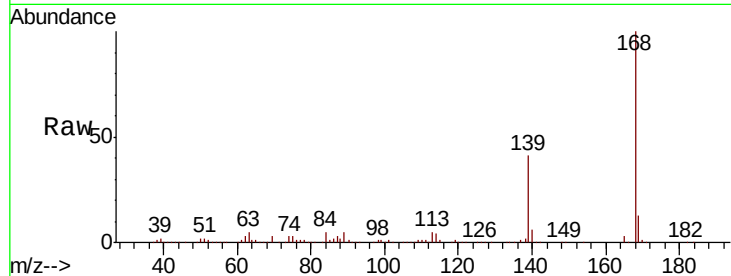




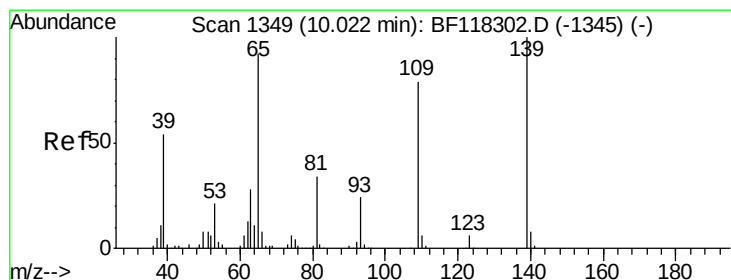
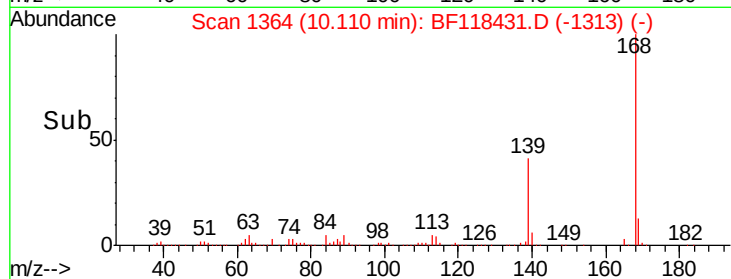
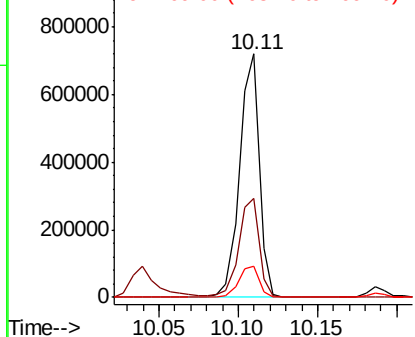
#55
Dibenzenofuran
Concen: 41.171 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 618932
Ion Ratio Lower Upper
168 100
139 40.9 31.5 47.3
169 12.9 10.4 15.6

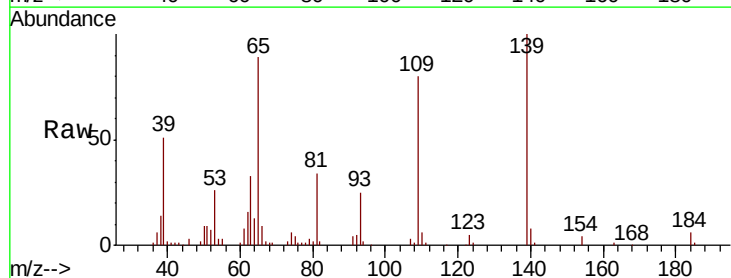


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

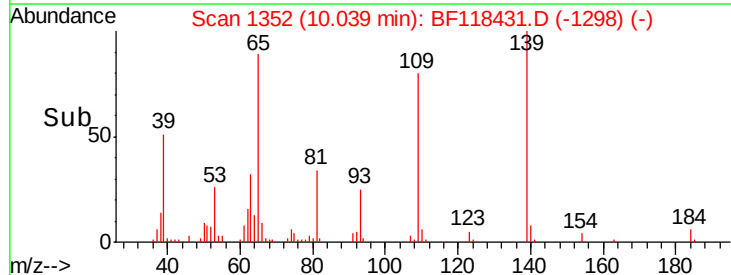
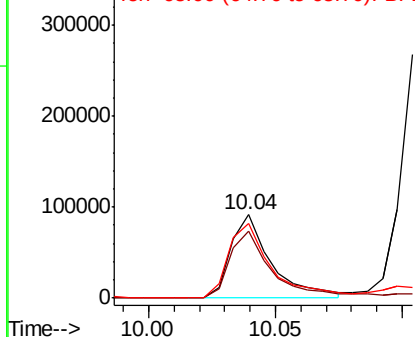


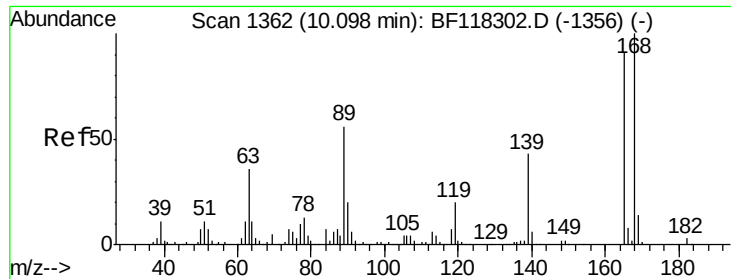
#56
4-Nitrophenol
Concen: 49.080 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion:139 Resp: 101820
Ion Ratio Lower Upper
139 100
109 79.8 59.3 99.3
65 89.1 72.4 112.4



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

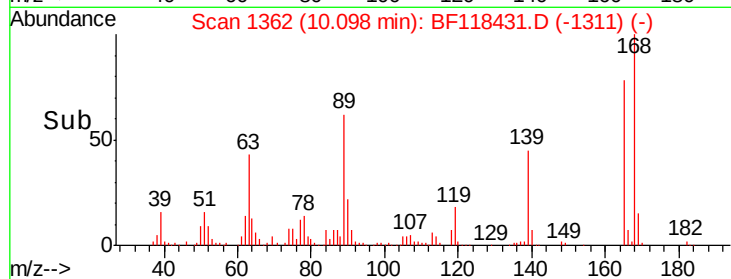
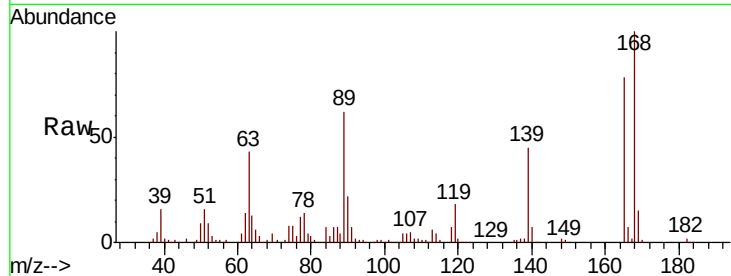




#57
2,4-Dinitrotoluene
Concen: 40.558 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.6	32.0	48.0#
89	79.0	49.3	73.9#
182	2.5	2.4	3.6



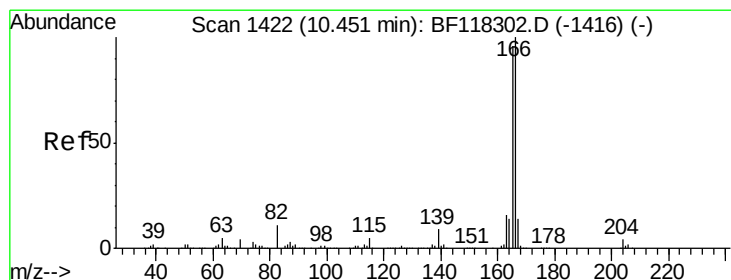
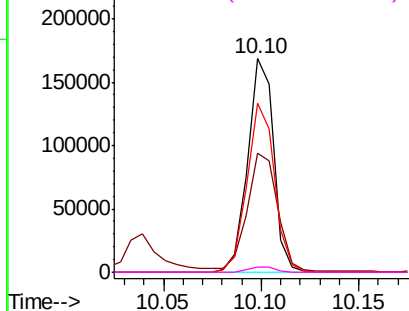
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

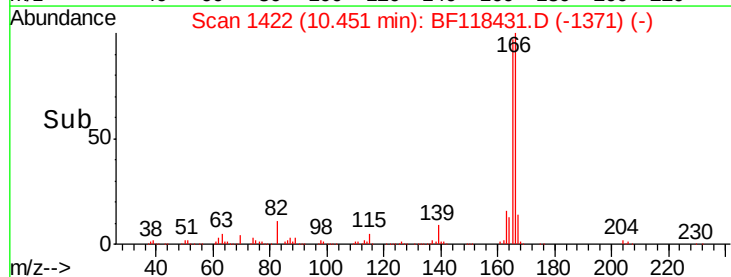
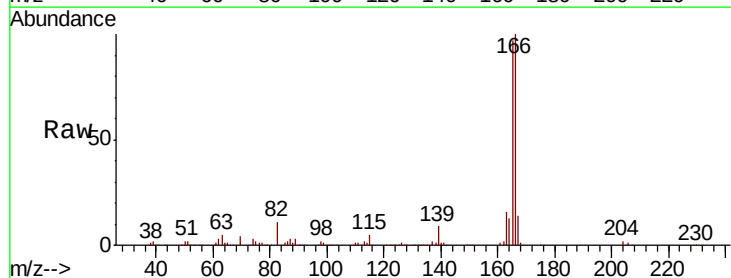
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.689 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.0	115.4
167	13.9	10.9	16.3

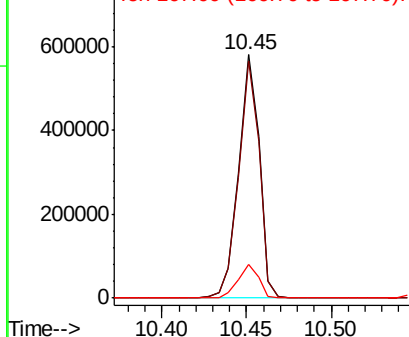


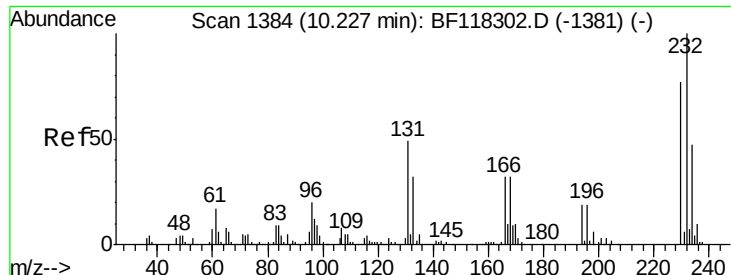
Abundance

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: 40.205 ng

RT: 10.23 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 124798

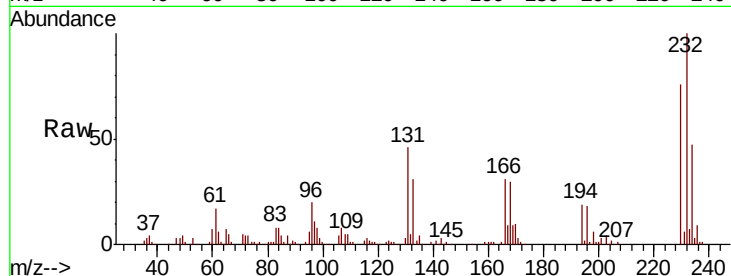
Ion Ratio Lower Upper

232 100

131 49.3 37.7 56.5

130 2.4 2.0 3.0

166 30.7 24.7 37.1

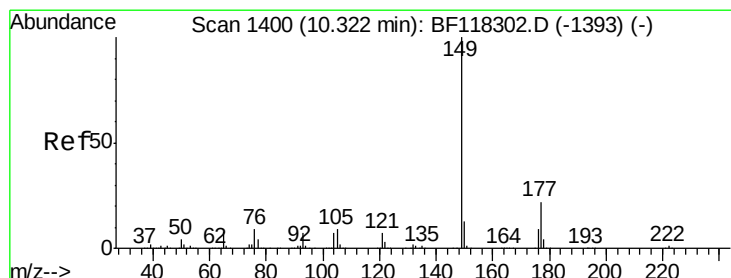
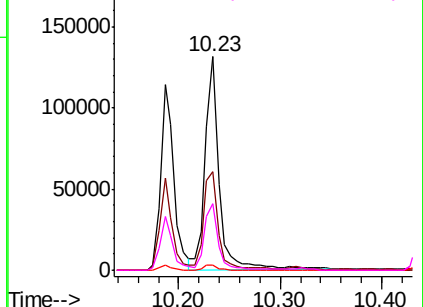
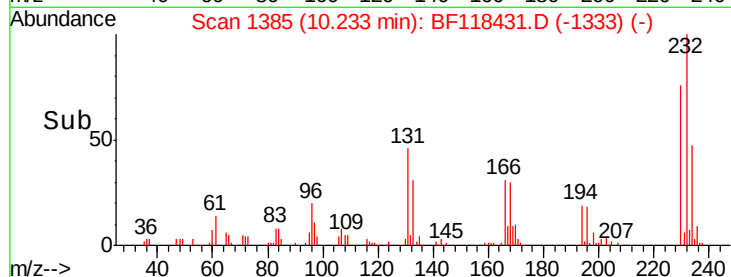


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 40.860 ng

RT: 10.32 min Scan# 1400

Delta R.T. 0.00 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

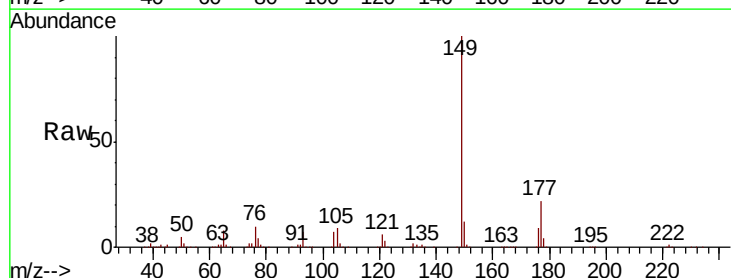
Tgt Ion:149 Resp: 536836

Ion Ratio Lower Upper

149 100

177 22.2 17.9 26.9

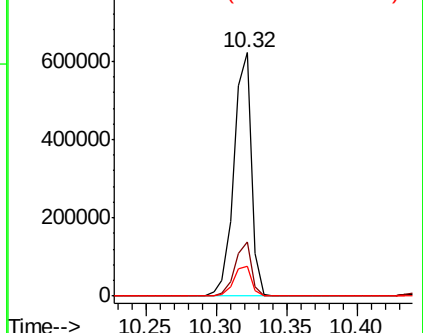
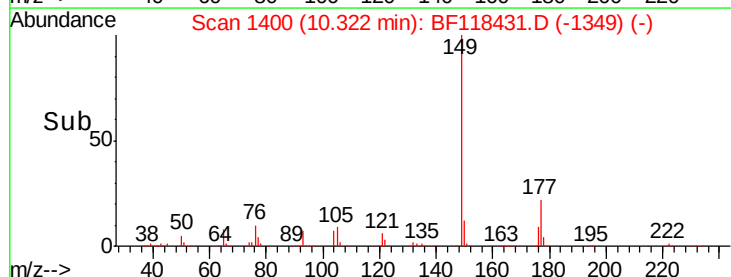
150 12.3 10.2 15.2

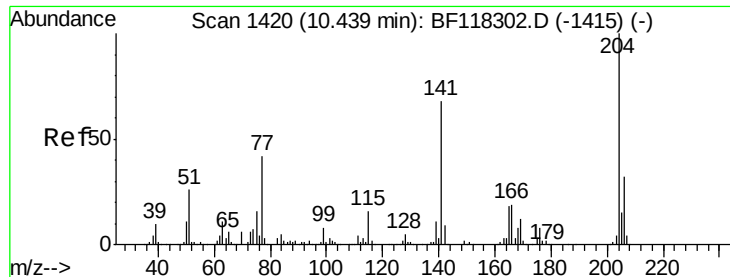


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

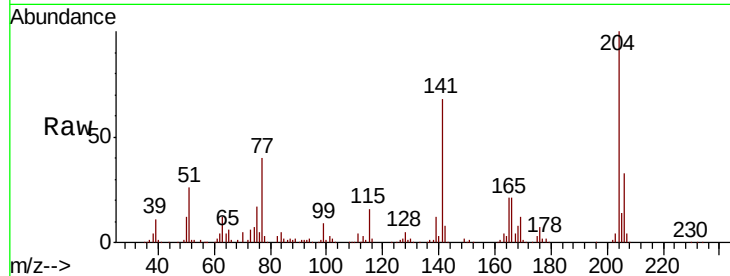




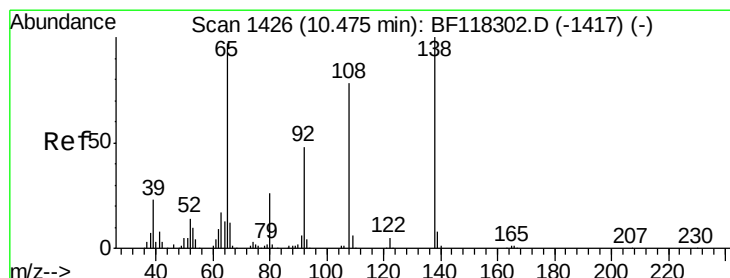
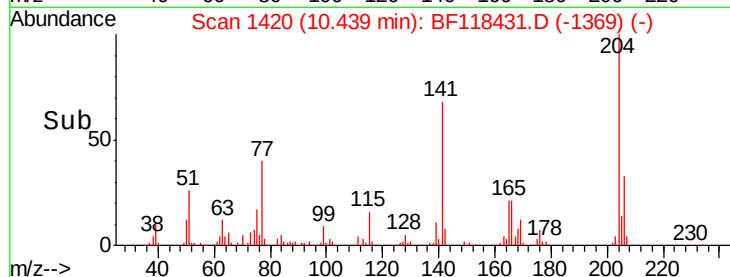
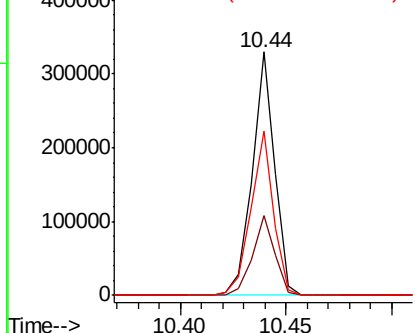
#61
4-Chlorophenyl-phenylether
Concen: 40.143 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 243193
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.8
141 67.6 54.2 81.4

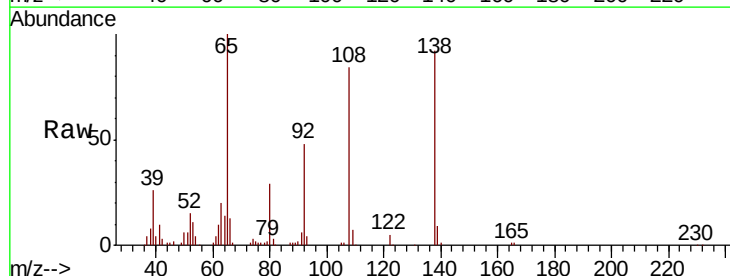


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

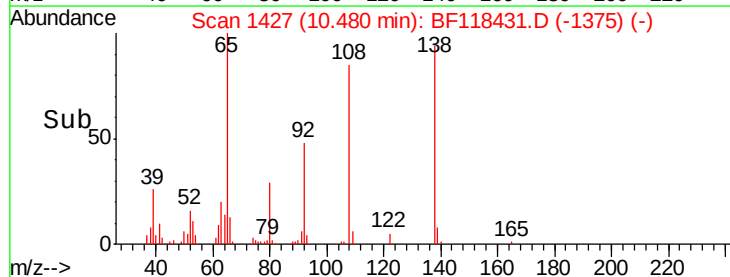
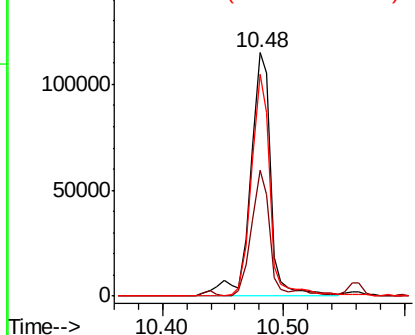


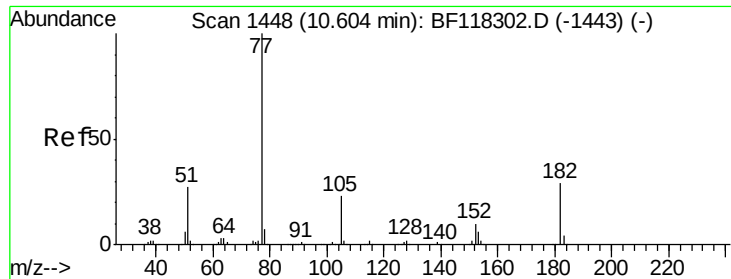
#62
4-Nitroaniline
Concen: 38.954 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion:138 Resp: 135989
Ion Ratio Lower Upper
138 100
92 51.7 27.9 67.9
108 90.9 58.1 98.1



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

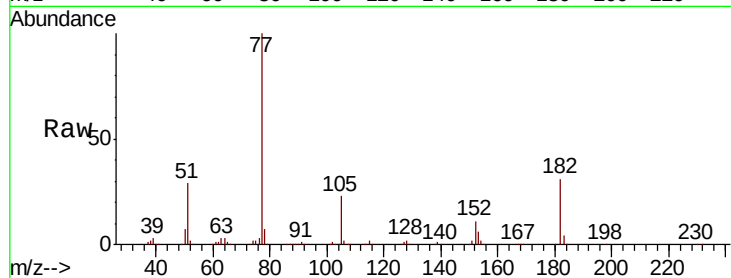




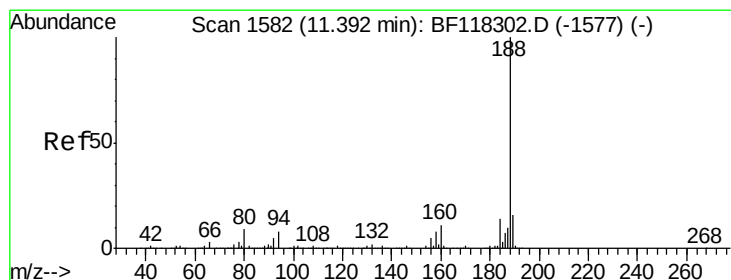
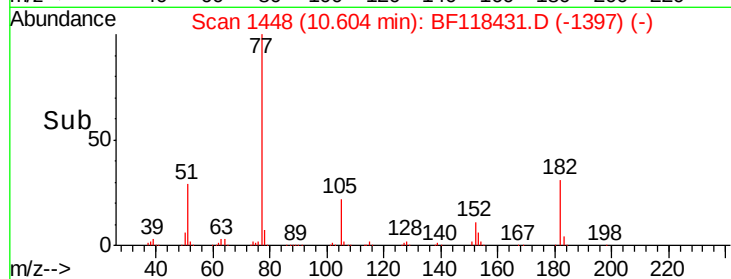
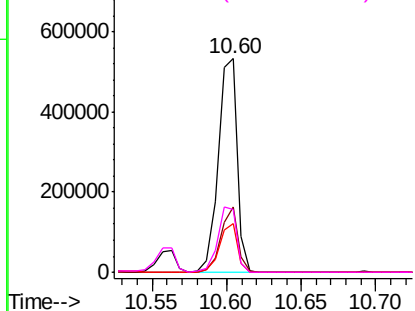
#63
Azobenzene
Concen: 42.379 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 476917
Ion Ratio Lower Upper
77 100
182 30.7 9.2 49.2
105 22.6 3.2 43.2
51 29.5 7.1 47.1

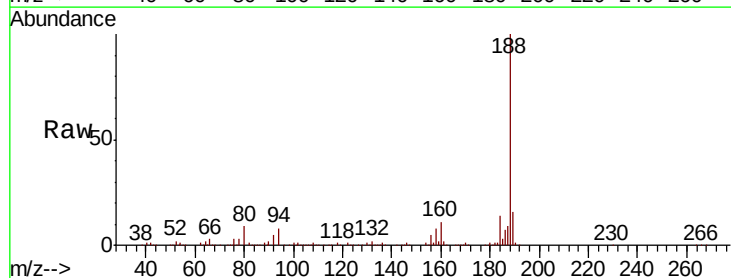


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

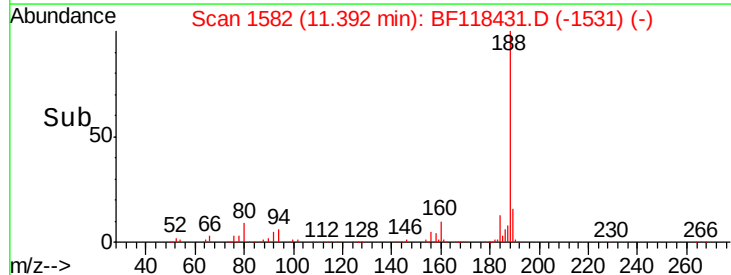
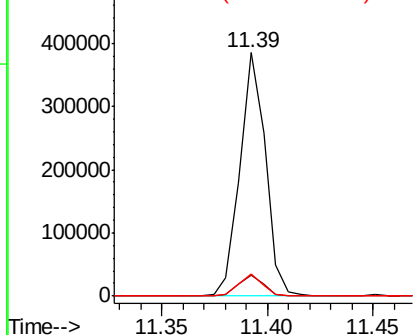


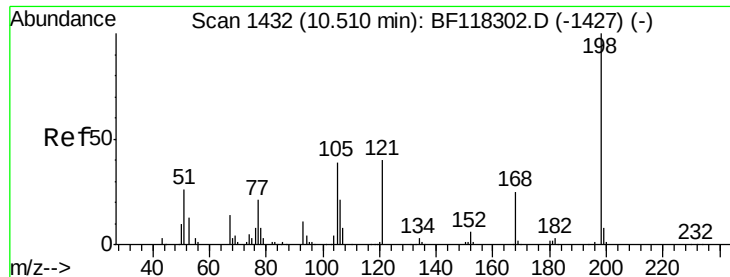
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion: 188 Resp: 323005
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 9.3 7.2 10.8



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: 39.960 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

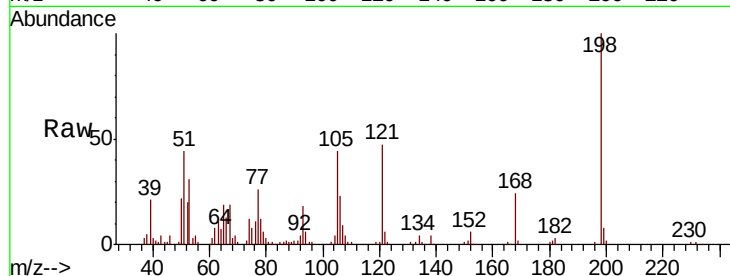
Instrument :

BNA_F

ClientSampled :

Tot Ion:198 Resp: 69630

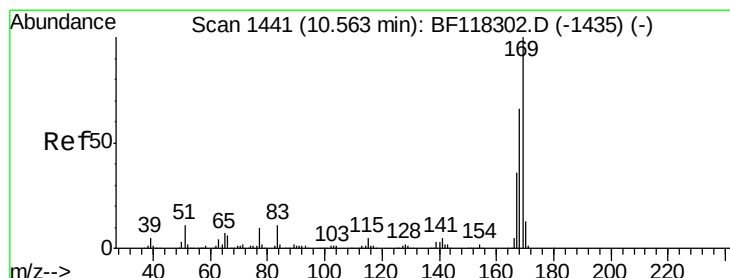
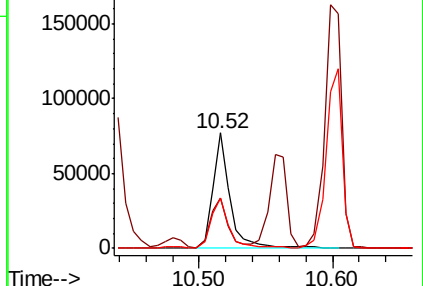
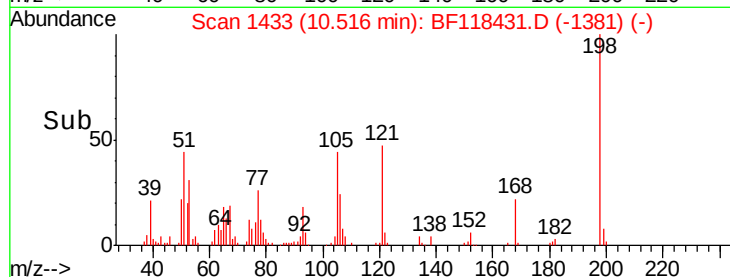
Ion	Ratio	Lower	Upper
198	100		
51	44.0	12.8	52.8
105	43.7	20.3	60.3



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: 41.669 ng

RT: 10.56 min Scan# 1441

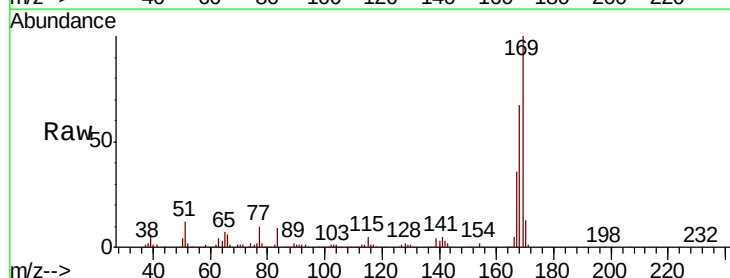
Delta R.T. 0.00 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Tgt Ion:169 Resp: 431367

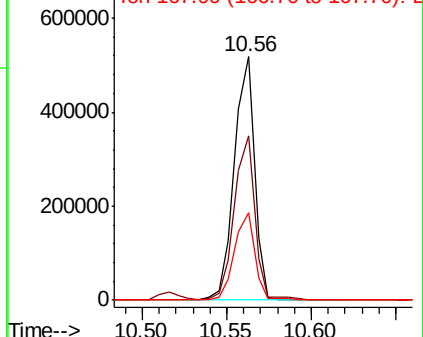
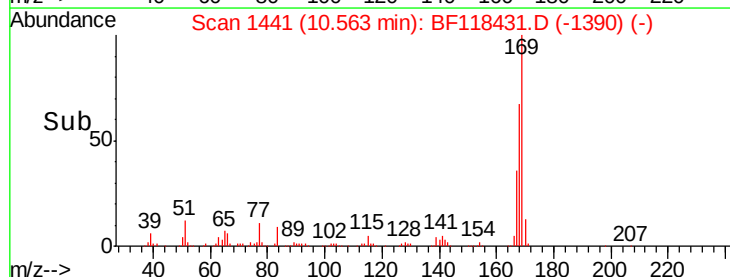
Ion	Ratio	Lower	Upper
169	100		
168	67.3	52.6	79.0
167	35.8	28.4	42.6

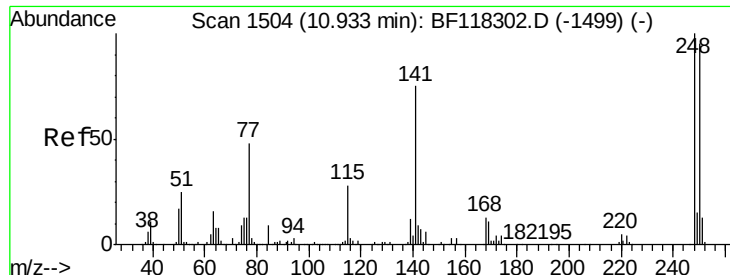


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

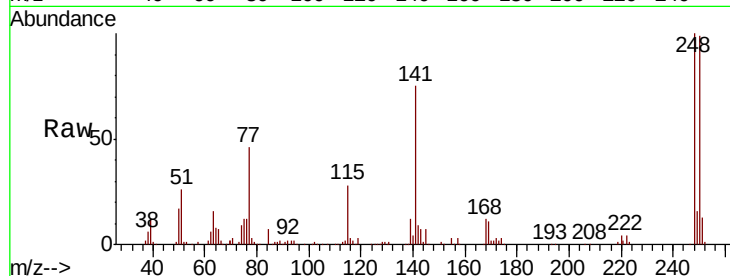




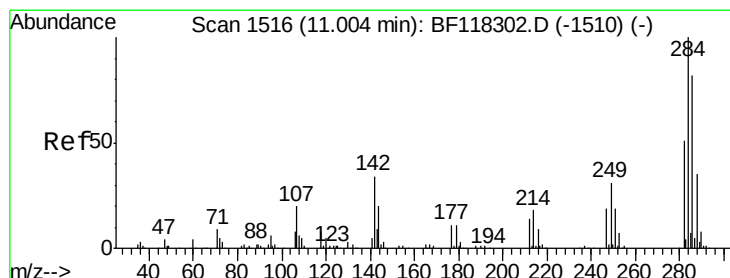
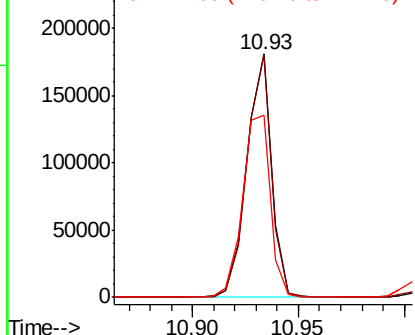
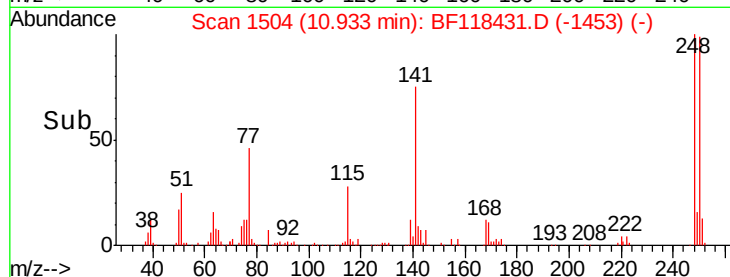
#67
 4-Bromophenyl-phenylether
 Concen: 39.163 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF118431.D
 Acq: 2 Jan 2020 12:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 148039
 Ion Ratio Lower Upper
 248 100
 250 99.3 76.4 114.6
 141 74.8 60.2 90.2

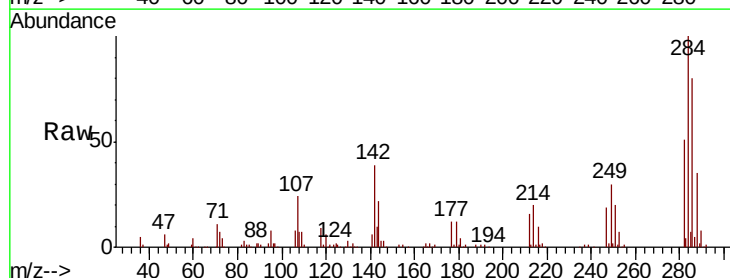


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

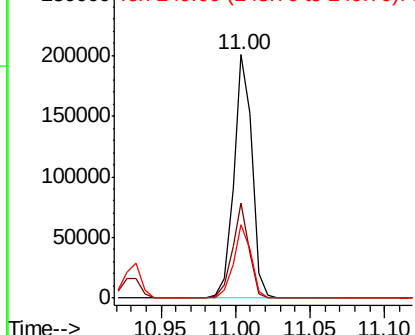
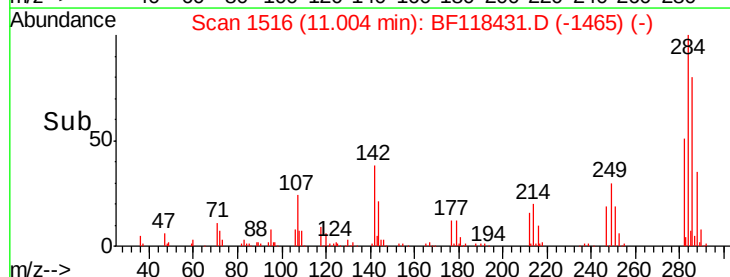


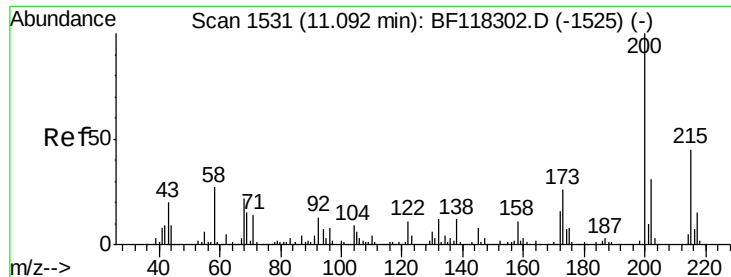
#68
 Hexachlorobenzene
 Concen: 38.625 ng
 RT: 11.00 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: BF118431.D
 Acq: 2 Jan 2020 12:58

Tgt Ion:284 Resp: 171860
 Ion Ratio Lower Upper
 284 100
 142 39.3 27.3 40.9
 249 30.4 25.0 37.6



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

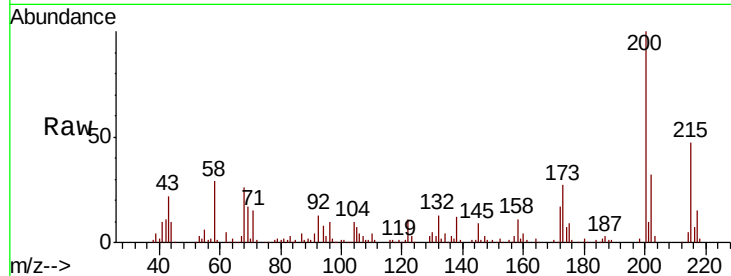




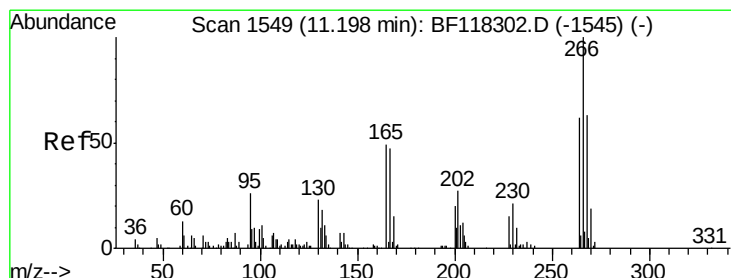
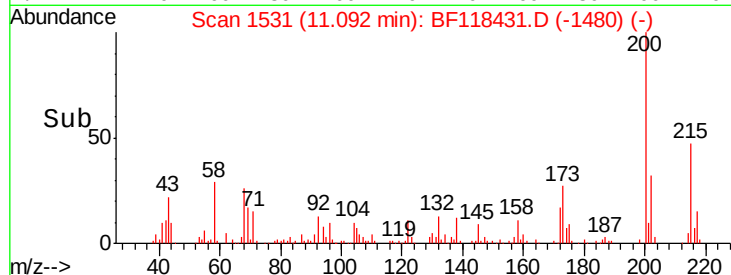
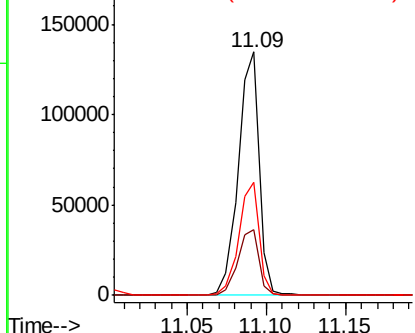
#69
Atrazine
Concen: 38.541 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 123141
Ion Ratio Lower Upper
200 100
173 27.1 5.8 45.8
215 46.5 25.1 65.1

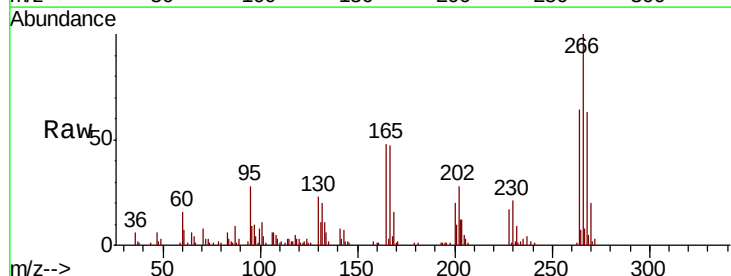


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

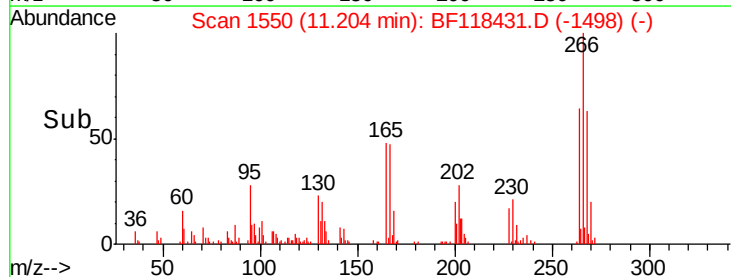
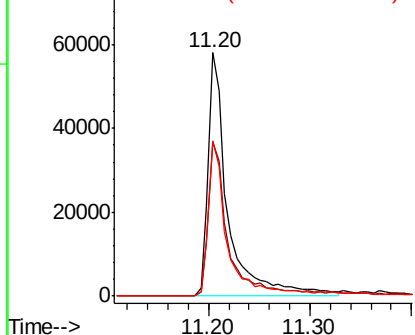


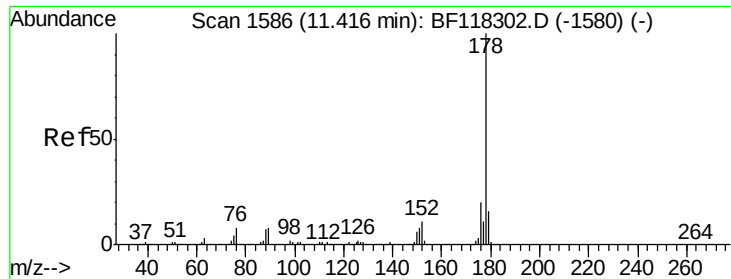
#70
Pentachlorophenol
Concen: 41.127 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion:266 Resp: 79252
Ion Ratio Lower Upper
266 100
268 63.5 50.6 76.0
264 63.7 49.9 74.9



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

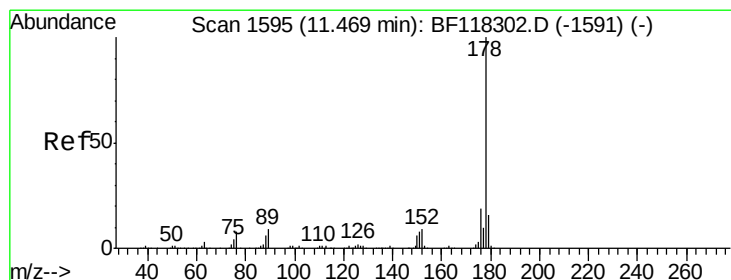
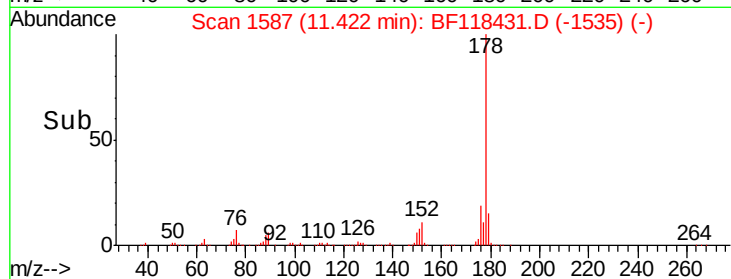
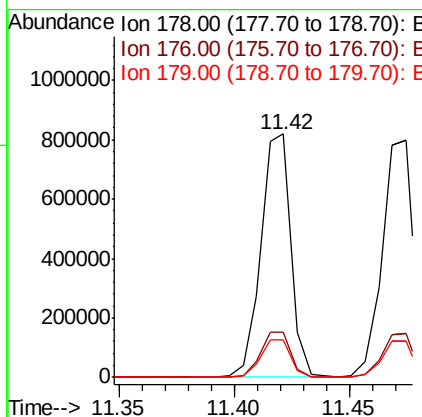
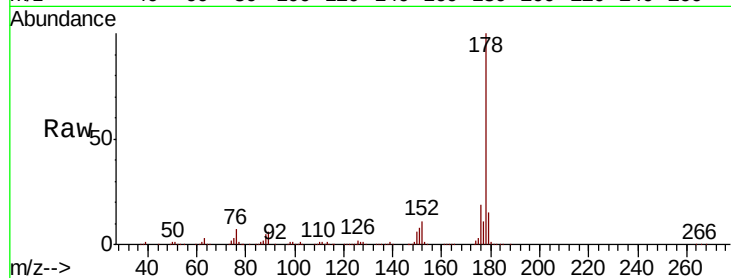




#71
Phenanthrene
Concen: 42.165 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

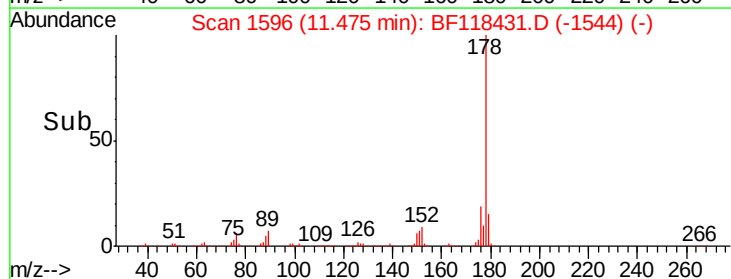
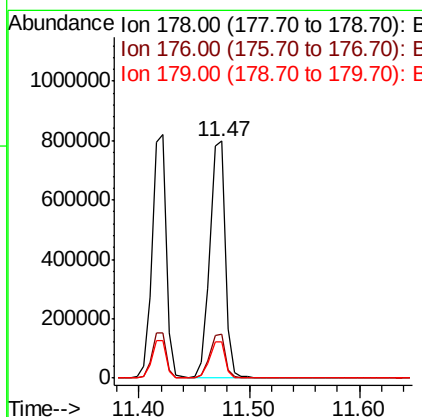
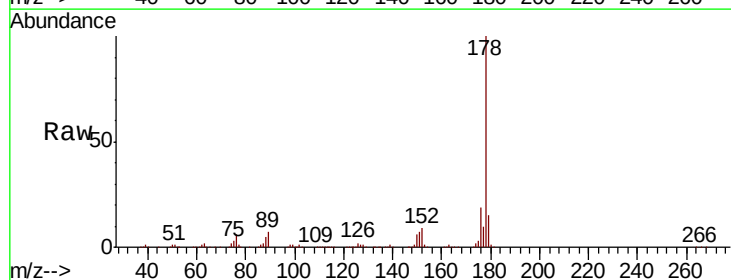
Instrument :
BNA_F
ClientSampled :

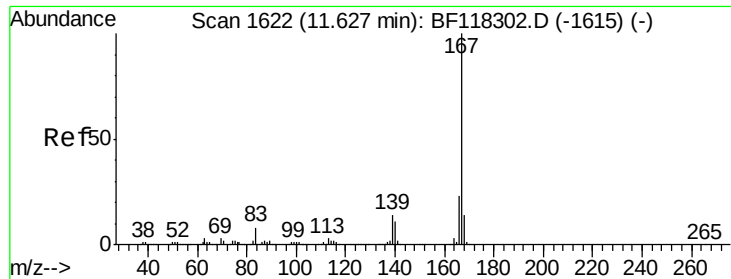
Tot Ion:178 Resp: 742470
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.4 12.6 19.0



#72
Anthracene
Concen: 43.065 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion:178 Resp: 759034
Ion Ratio Lower Upper
178 100
176 18.6 15.2 22.8
179 15.3 12.9 19.3

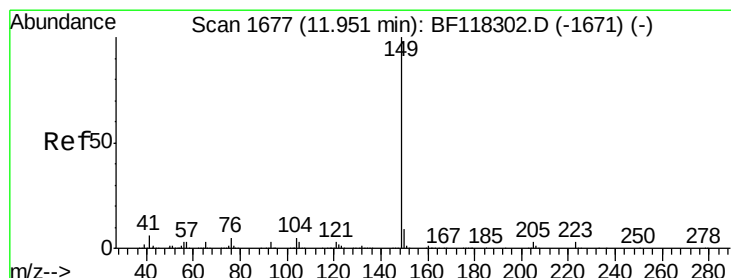
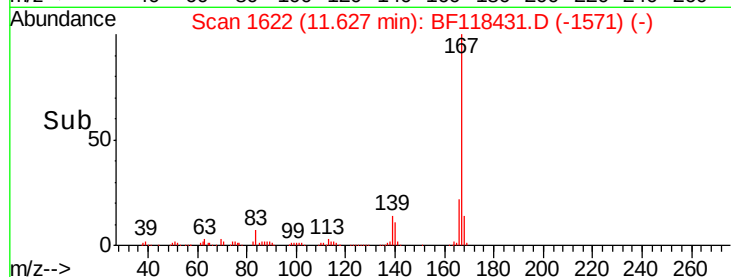
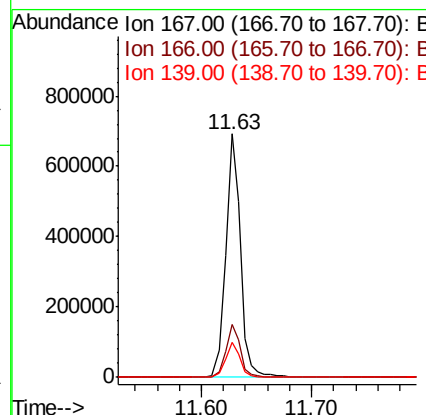
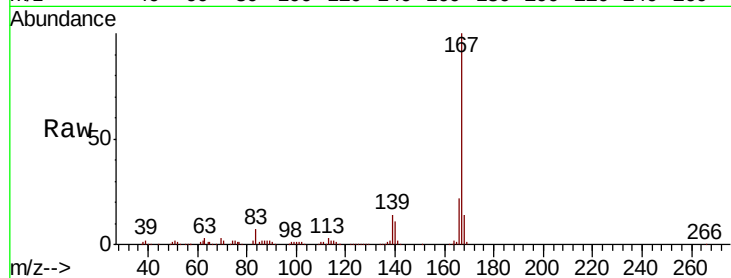




#73
 Carbazole
 Concen: 41.040 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BF118431.D
 Acq: 2 Jan 2020 12:58

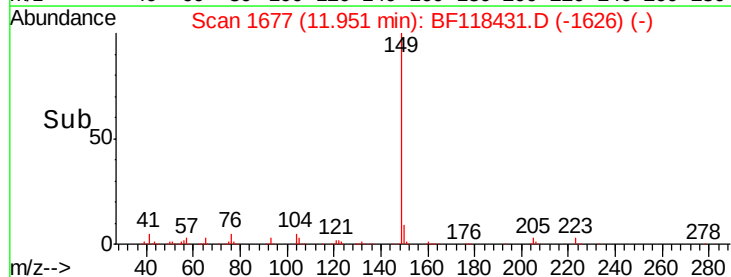
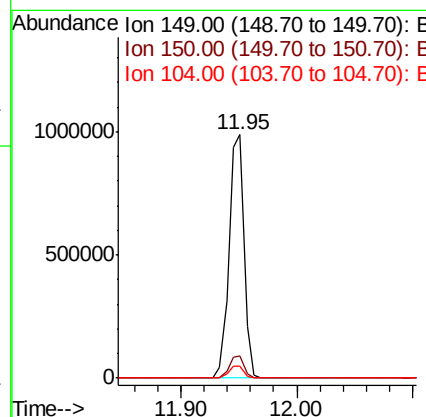
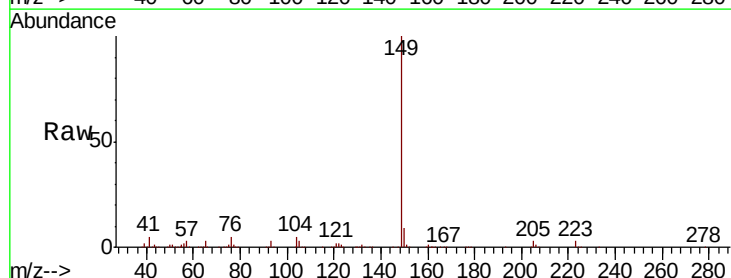
Instrument :
 BNA_F
 ClientSampleId :

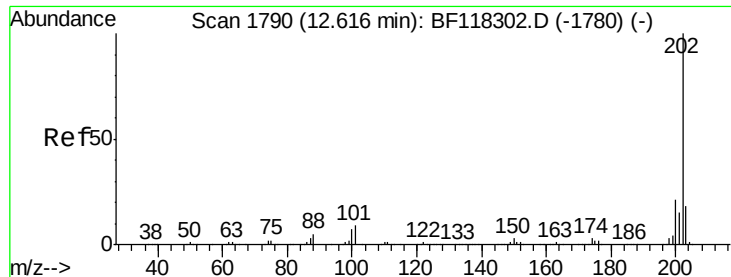
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.1	27.1
139	14.3	11.5	17.3



#74
 Di-n-butylphthalate
 Concen: 44.789 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BF118431.D
 Acq: 2 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	4.8	4.0	6.0

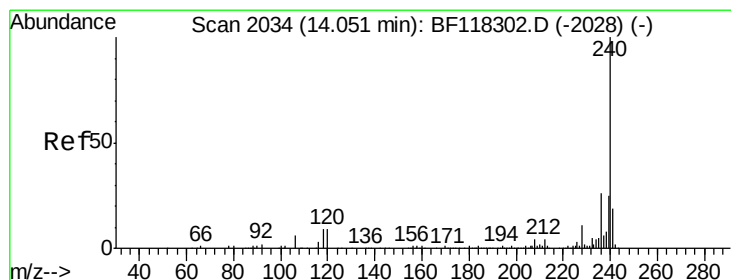
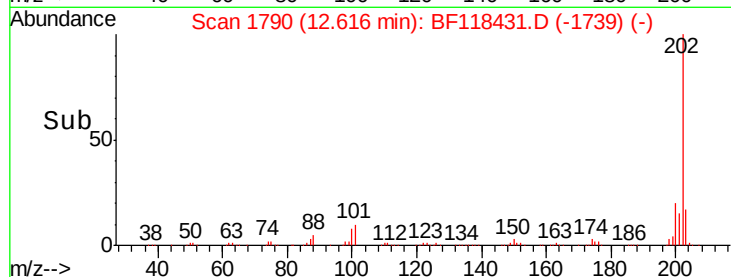
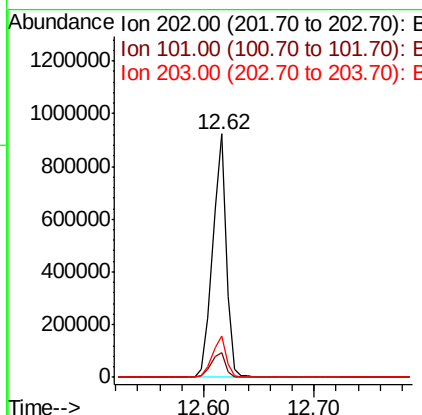
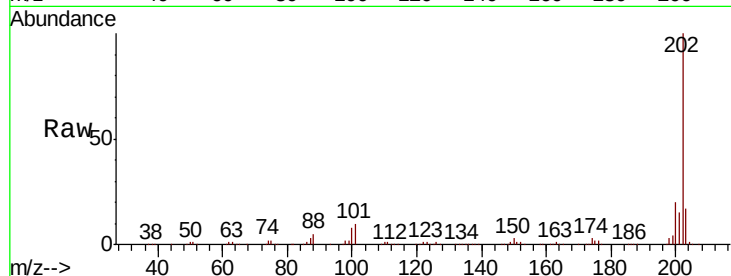




#75
 Fluoranthene
 Concen: 43.492 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: BF118431.D
 Acq: 2 Jan 2020 12:58

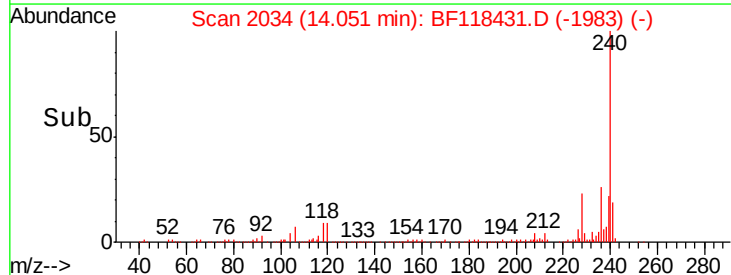
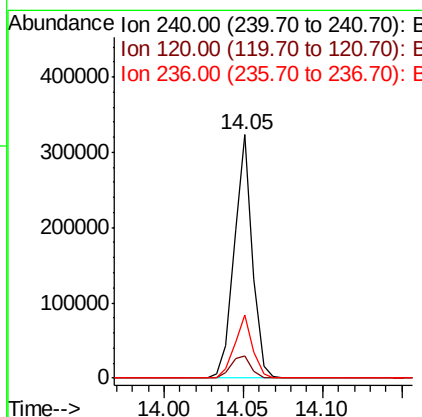
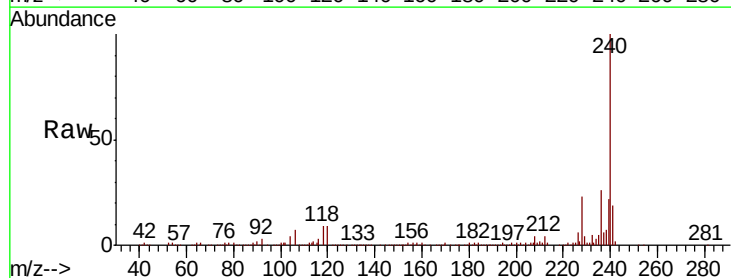
Instrument :
 BNA_F
 ClientSampleId :

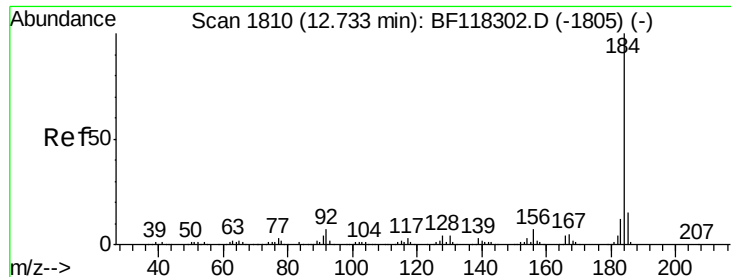
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	29.5
203	17.2	0.0	37.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF118431.D
 Acq: 2 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.1	10.7
236	25.7	21.0	31.6





#77

Benzidine

Concen: 35.583 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Instrument :

BNA_F

ClientSampleId :

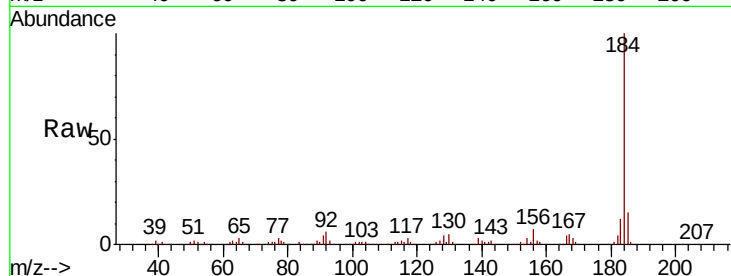
Tot Ion:184 Resp: 249929

Ion Ratio Lower Upper

184 100

185 15.2 12.3 18.5

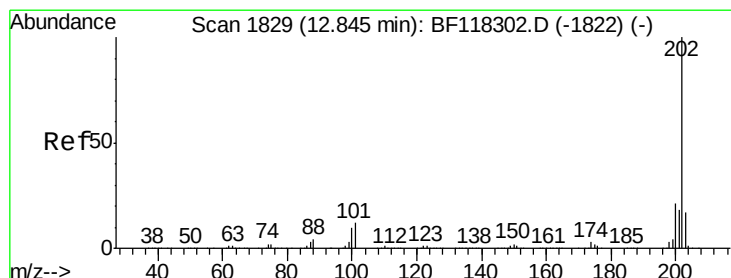
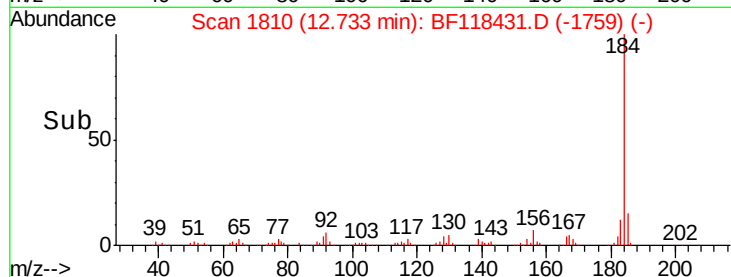
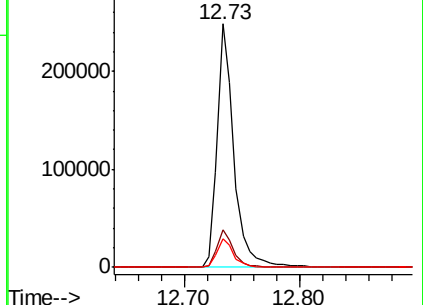
183 11.9 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.733 ng

RT: 12.85 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

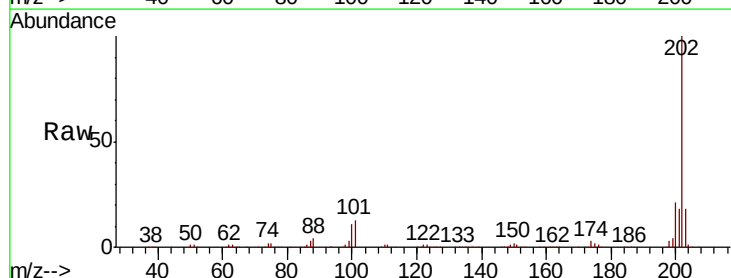
Tgt Ion:202 Resp: 789860

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

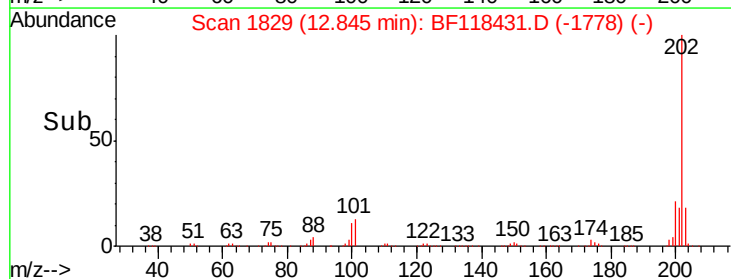
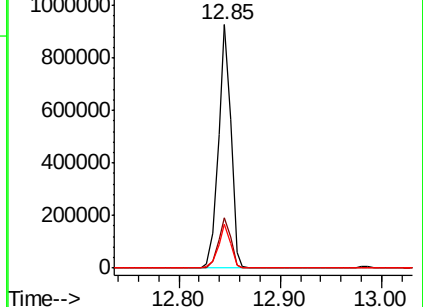
203 18.1 13.9 20.9

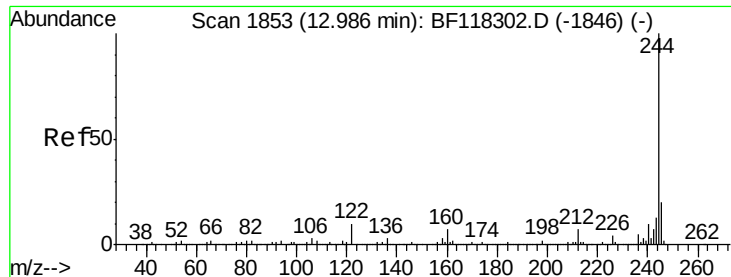


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

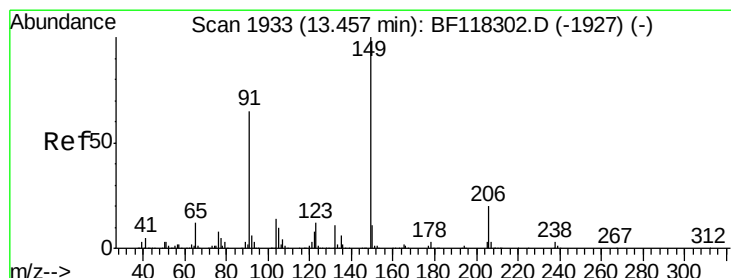
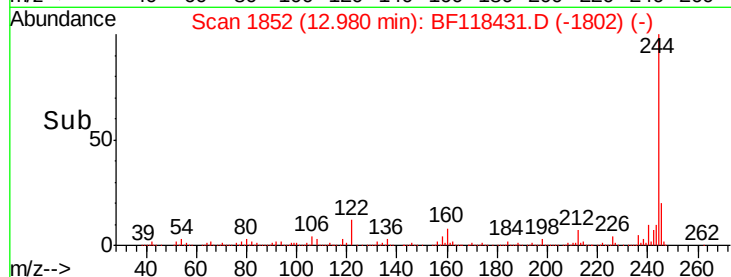
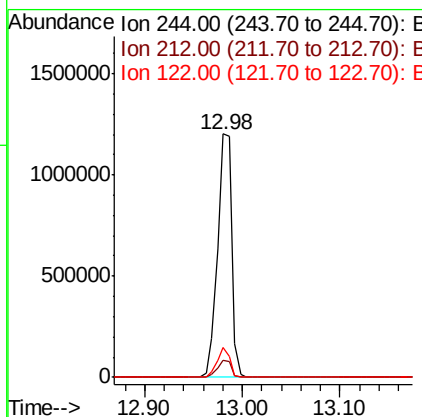
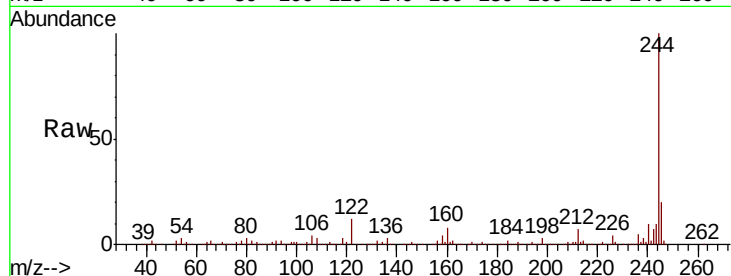




#79
 Terphenyl-d14
 Concen: 78.490 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF118431.D
 Acq: 2 Jan 2020 12:58

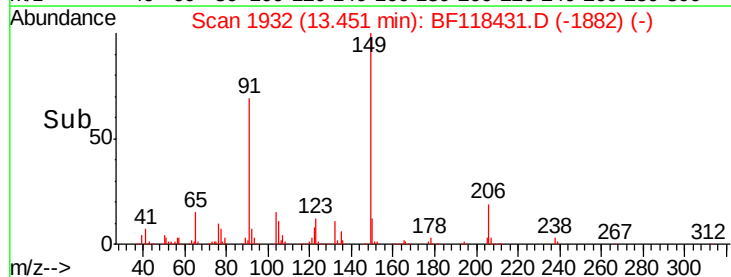
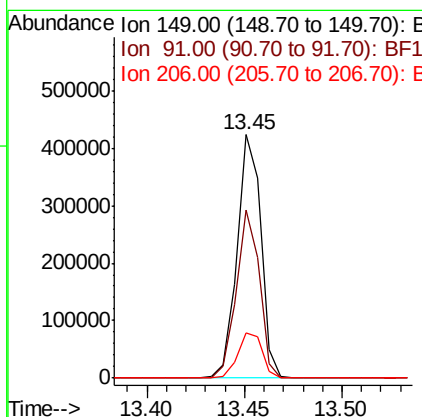
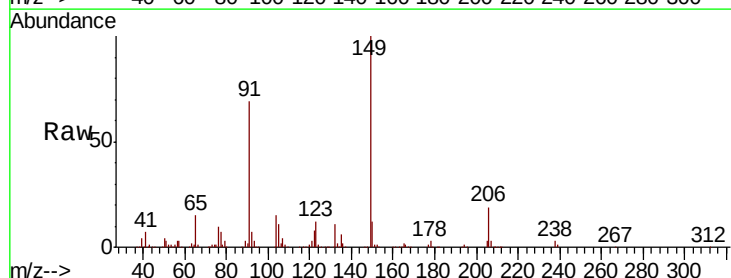
Instrument :
 BNA_F
 ClientSampleId :

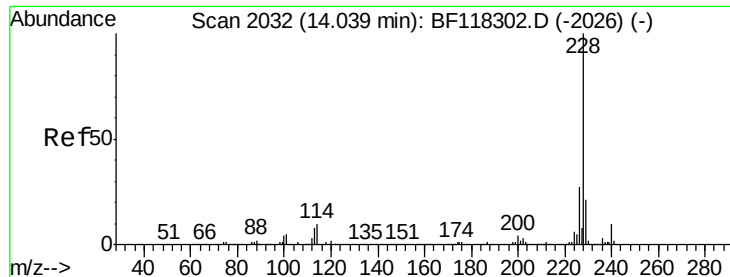
Tot Ion:244 Resp: 1212768
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 12.1 7.8 11.8#



#80
 Butylbenzylphthalate
 Concen: 38.040 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BF118431.D
 Acq: 2 Jan 2020 12:58

Tgt Ion:149 Resp: 358532
 Ion Ratio Lower Upper
 149 100
 91 69.2 51.8 77.6
 206 18.6 15.7 23.5

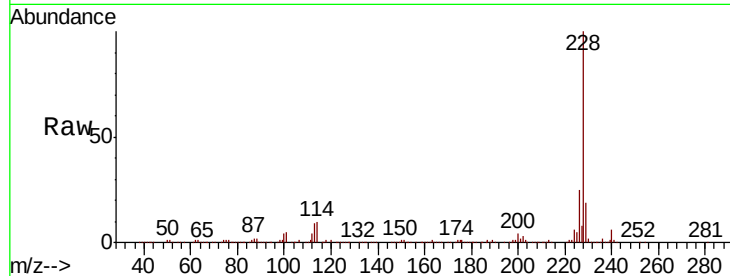




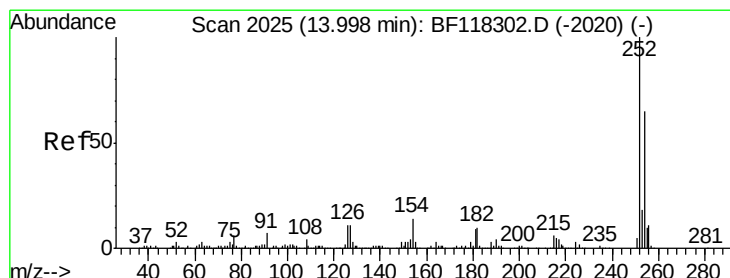
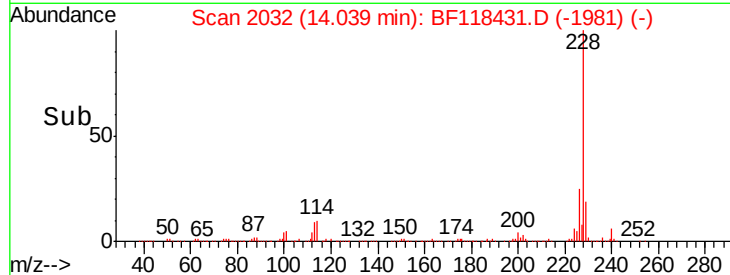
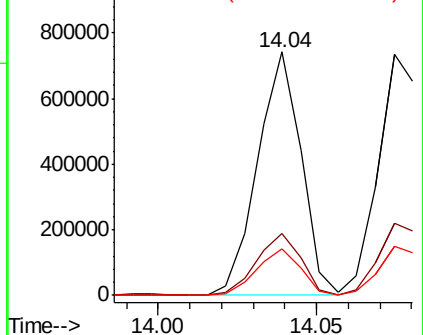
#81
Benzo(a)anthracene
Concen: 39.657 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 711565
Ion Ratio Lower Upper
228 100
226 25.3 22.0 33.0
229 19.0 16.6 24.8

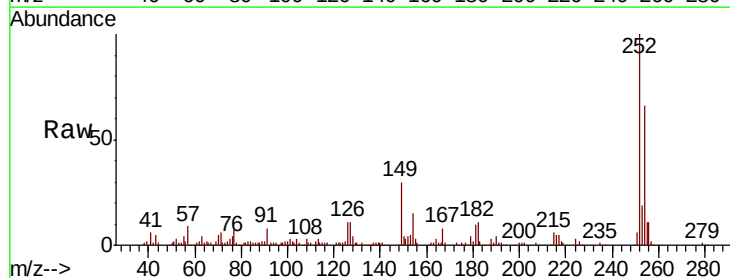


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

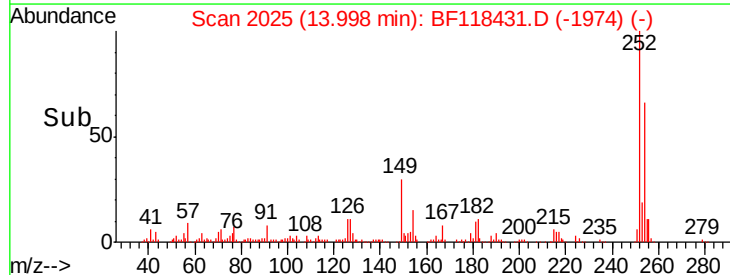
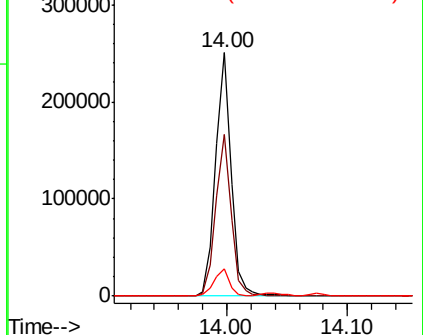


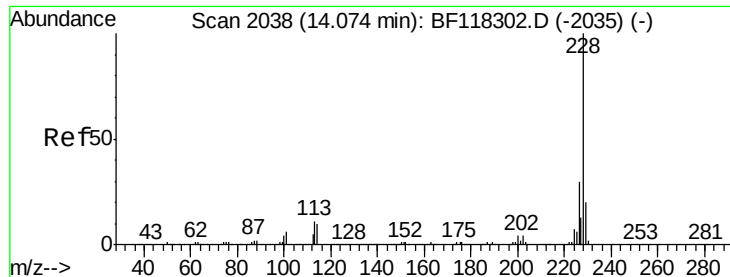
#82
3,3'-Dichlorobenzidine
Concen: 36.303 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion:252 Resp: 220857
Ion Ratio Lower Upper
252 100
254 66.2 51.8 77.8
126 11.0 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.584 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Instrument :

BNA_F

ClientSampleId :

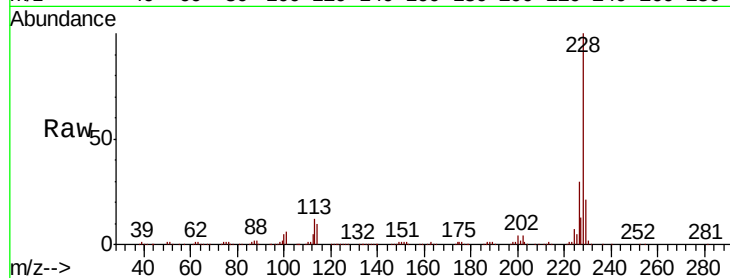
Tot Ion:228 Resp: 680091

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

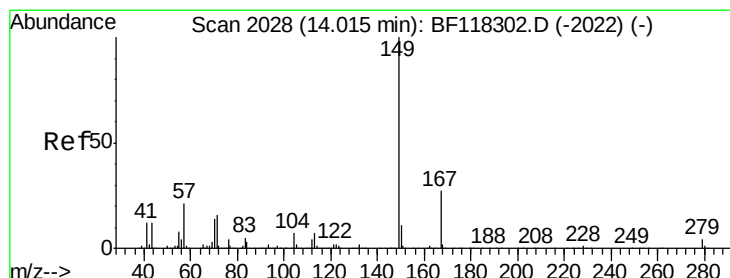
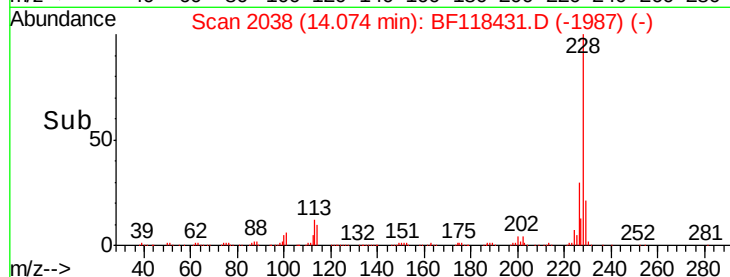
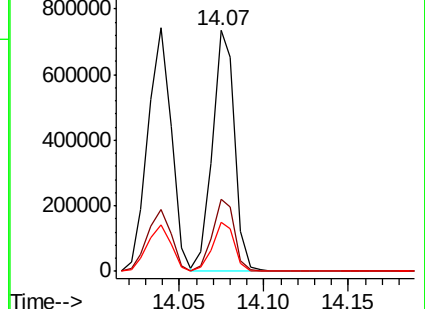
229 20.6 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.789 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

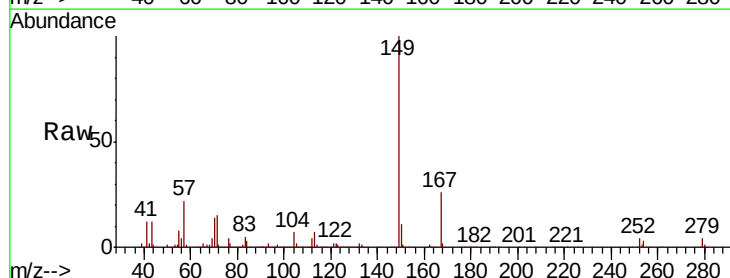
Tgt Ion:149 Resp: 480735

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

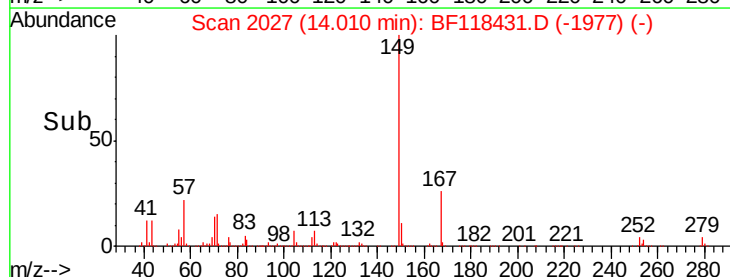
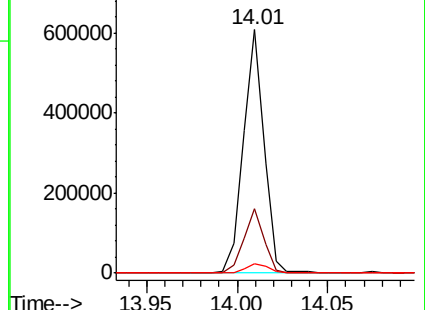
279 4.0 3.4 5.2

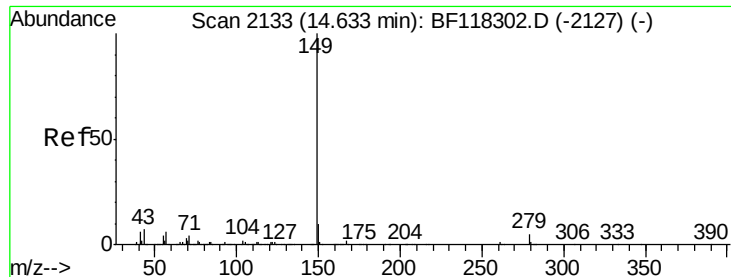


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.337 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Instrument :

BNA_F

ClientSampled :

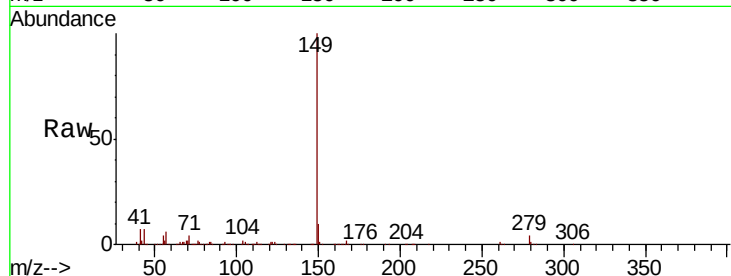
Tot Ion:149 Resp: 717133

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

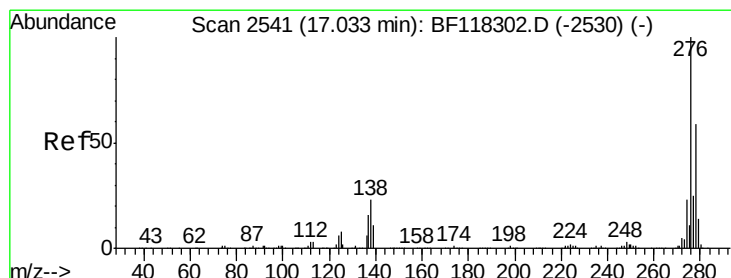
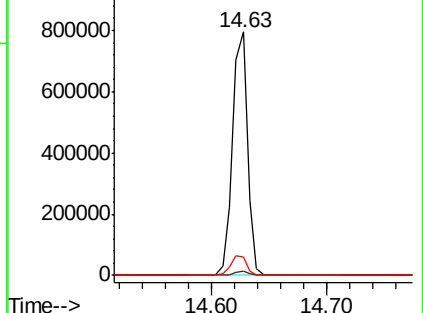
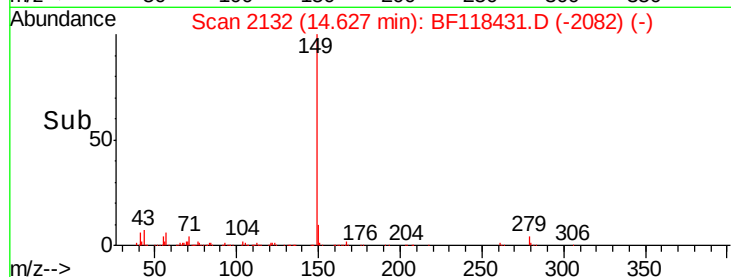
43 8.0 6.1 9.1



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: 33.513 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.02 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

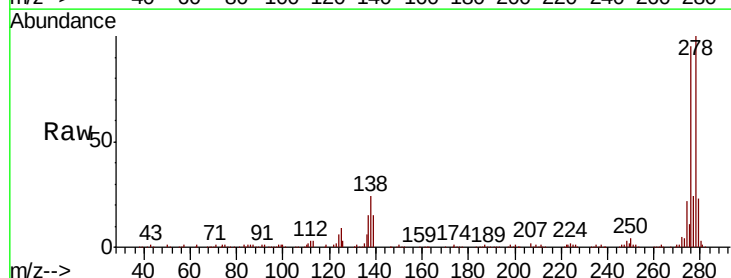
Tgt Ion:276 Resp: 490607

Ion Ratio Lower Upper

276 100

138 24.0 19.5 29.3

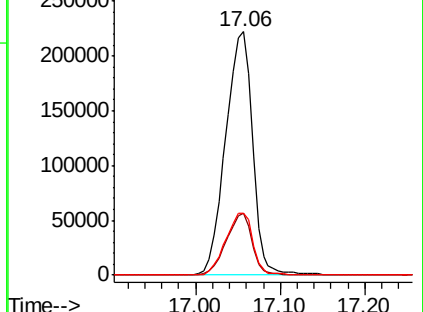
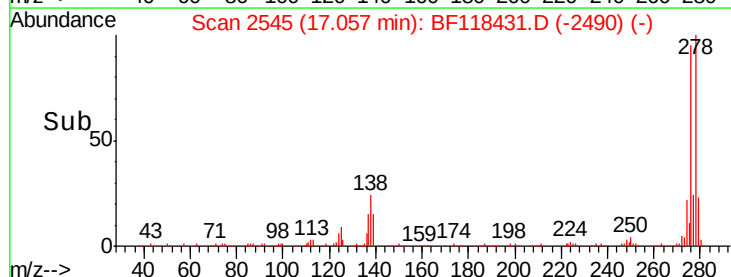
277 25.8 20.6 30.8

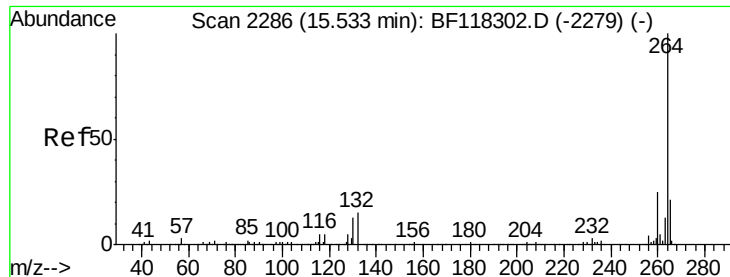


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Instrument :

BNA_F

ClientSampleId :

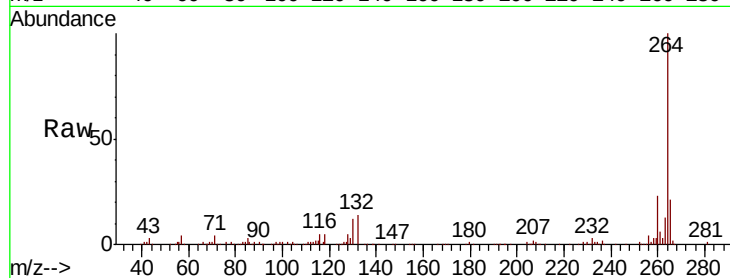
Tot Ion:264 Resp: 223531

Ion Ratio Lower Upper

264 100

260 22.7 19.8 29.6

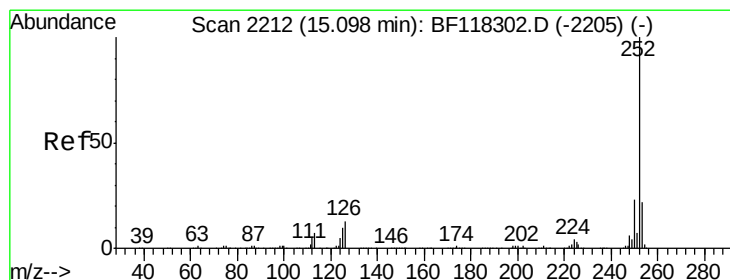
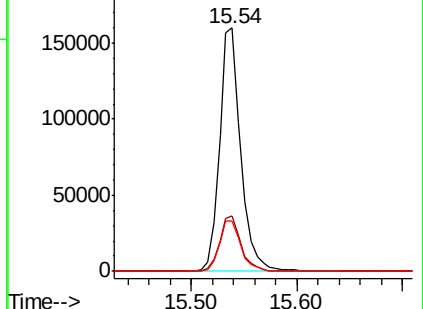
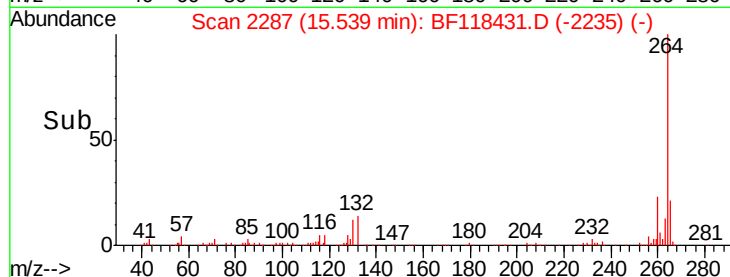
265 20.7 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.610 ng

RT: 15.10 min Scan# 2213

Delta R.T. 0.01 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

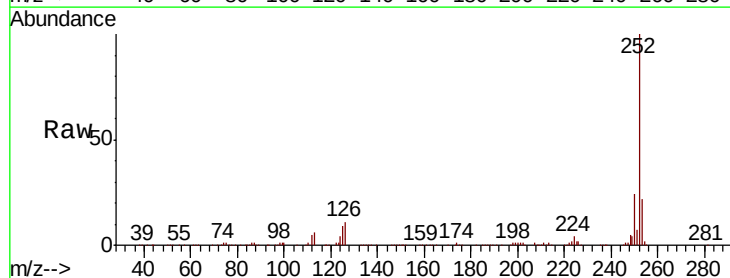
Tgt Ion:252 Resp: 587727

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

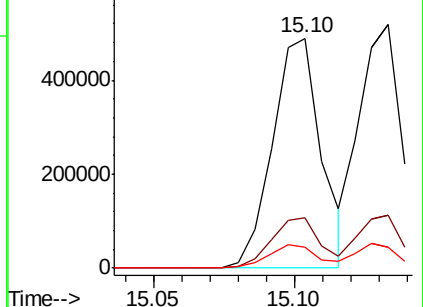
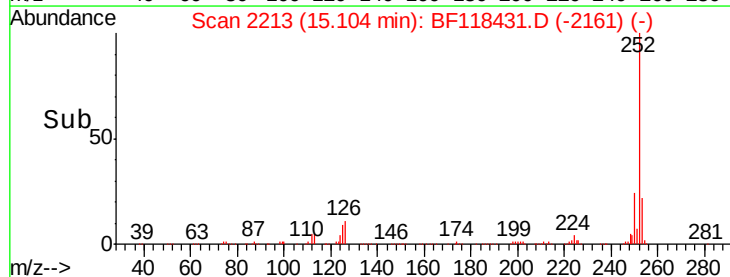
125 9.2 7.7 11.5

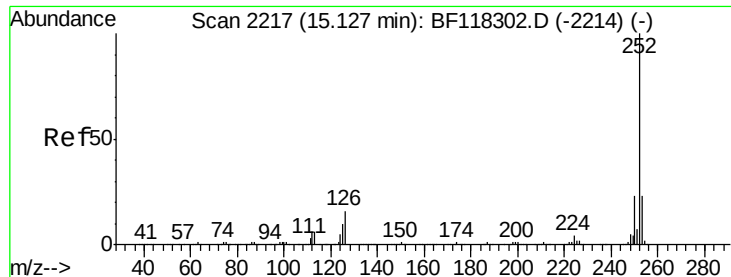


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

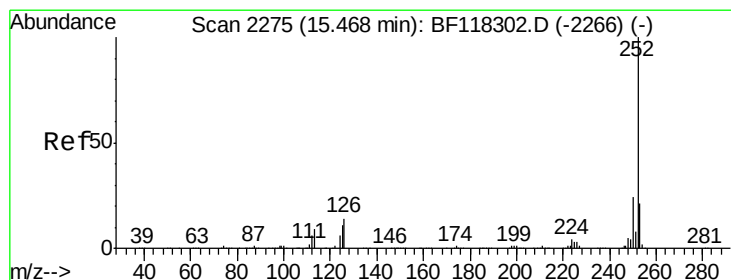
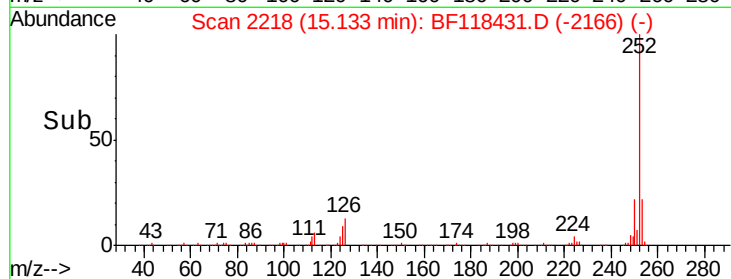
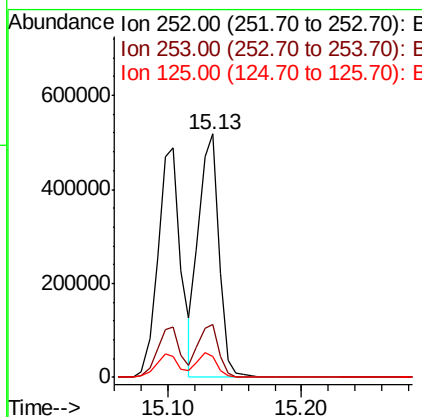
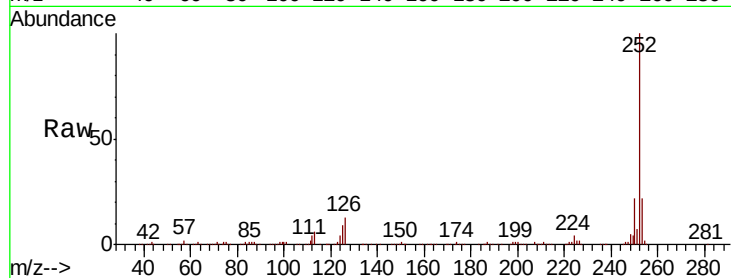




#89
Benzo(k)fluoranthene
Concen: 38.177 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

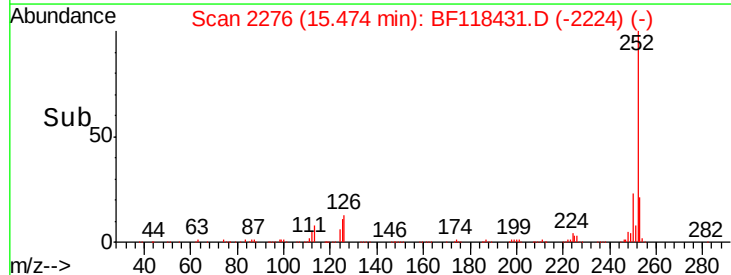
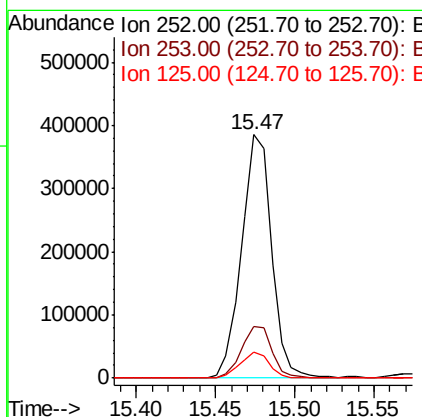
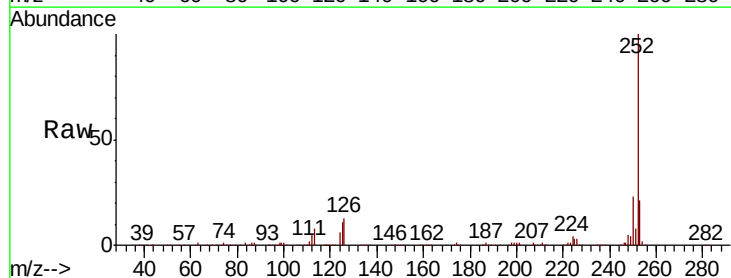
Instrument :
BNA_F
ClientSampleId :

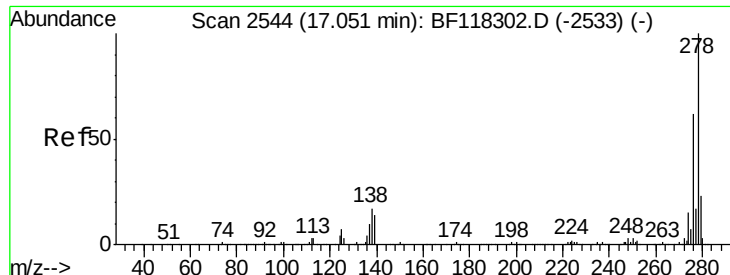
Tot Ion:252 Resp: 543917
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 8.7 8.0 12.0



#90
Benzo(a)pyrene
Concen: 38.894 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion:252 Resp: 508387
Ion Ratio Lower Upper
252 100
253 20.9 17.0 25.6
125 10.8 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 36.208 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.01 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Instrument :

BNA_F

ClientSampleId :

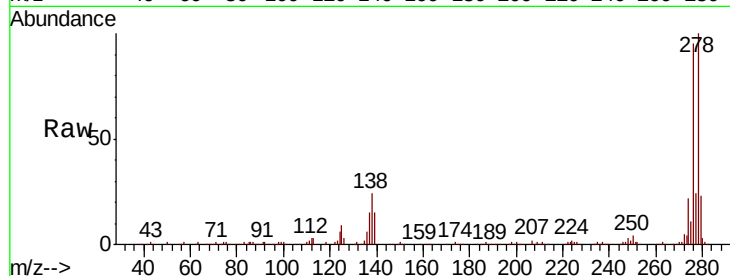
Tot Ion:278 Resp: 410702

Ion Ratio Lower Upper

278 100

139 14.8 11.5 17.3

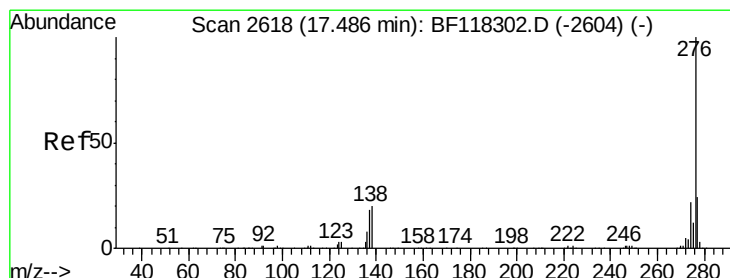
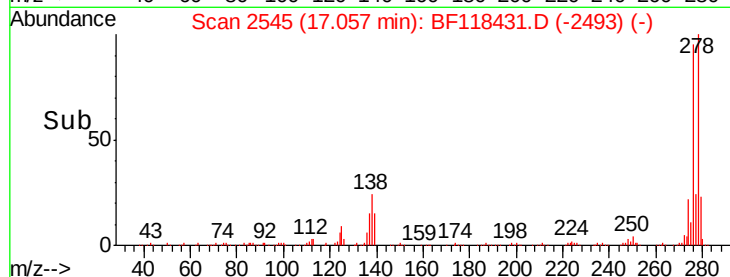
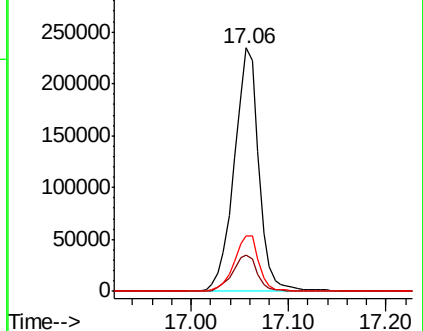
279 23.0 18.3 27.5



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: 33.731 ng

RT: 17.50 min Scan# 2621

Delta R.T. 0.02 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

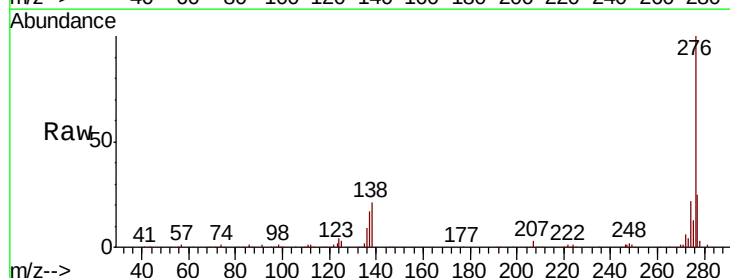
Tgt Ion:276 Resp: 369589

Ion Ratio Lower Upper

276 100

277 24.8 19.1 28.7

138 21.4 16.1 24.1



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

