

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119223.D
 Acq On : 5 Mar 2020 20:33
 Operator : CG/JU
 Sample : PB127261BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 06:28:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	167922	20.00	ng	-0.02
21) Naphthalene-d8	8.01	136	641372	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	332829	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	643702	20.00	ng	-0.02
76) Chrysene-d12	13.89	240	455948	20.00	ng	-0.02
87) Perylene-d12	15.31	264	211884	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1073755	106.86	ng	0.00
7) Phenol-d6	6.39	99	1340164	109.67	ng	-0.01
23) Nitrobenzene-d5	7.29	82	863018	71.05	ng	-0.03
42) 2,4,6-Tribromophenol	10.56	330	490793	112.72	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1691319	74.86	ng	-0.02
79) Terphenyl-d14	12.83	244	1987357	75.04	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.50	88	131208	29.328	ng	98
3) Pyridine	3.23	79	321205	26.290	ng	99
4) n-Nitrosodimethylamine	3.16	42	136075	36.765	ng	95
6) Aniline	6.40	93	242391	16.075	ng	# 49
8) 2-Chlorophenol	6.52	128	412268	38.019	ng	99
10) Phenol	6.40	94	484898	36.700	ng	80
11) bis(2-Chloroethyl)ether	6.47	93	380478	37.636	ng	100
12) 1,3-Dichlorobenzene	6.67	146	447844	34.457	ng	100
13) 1,4-Dichlorobenzene	6.74	146	452604	34.800	ng	99
14) 1,2-Dichlorobenzene	6.90	146	417100	35.164	ng	99
15) Benzyl Alcohol	6.88	79	339064	38.390	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	307211	35.081	ng	# 28
17) 2-Methylphenol	7.00	107	335118	38.118	ng	93
18) Hexachloroethane	7.23	117	161454	34.698	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	279972	39.317	ng	97
20) 3+4-Methylphenols	7.16	107	441704	41.009	ng	# 85
22) Acetophenone	7.14	105	582297	39.239	ng	# 94
24) Nitrobenzene	7.31	77	434365	36.160	ng	96
25) Isophorone	7.55	82	770564	36.526	ng	99
26) 2-Nitrophenol	7.63	139	235876	37.060	ng	98
27) 2,4-Dimethylphenol	7.68	122	345430	39.989	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	474746	34.574	ng	98
29) 2,4-Dichlorophenol	7.89	162	370909	36.474	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	409146	33.935	ng	98
31) Naphthalene	8.03	128	1198163	36.021	ng	99
32) Benzoic acid	7.85	122	211115	35.513	ng	99
33) 4-Chloroaniline	8.09	127	270596	18.914	ng	99
34) Hexachlorobutadiene	8.15	225	244335	32.534	ng	98
35) Caprolactam	8.47	113	50655	16.177	ng	96
36) 4-Chloro-3-methylphenol	8.59	107	391046	37.997	ng	97
37) 2-Methylnaphthalene	8.72	142	827261	36.957	ng	99
38) 1-Methylnaphthalene	8.82	142	788262	37.444	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	420077	37.435	ng	99
41) Hexachlorocyclopentadiene	8.87	237	64835	23.403	ng	99

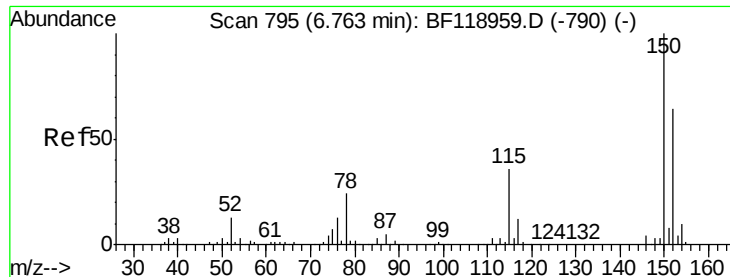
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
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 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.01	196	253404	35.759	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	265080	35.648	nq	98
46) 1,1'-Biphenyl	9.19	154	1012019	37.622	nq	97
47) 2-Chloronaphthalene	9.21	162	803415	37.063	nq	99
48) 2-Nitroaniline	9.32	65	229119	37.896	nq	99
49) Acenaphthylene	9.63	152	1190966	38.041	nq	99
50) Dimethylphthalate	9.49	163	961779	37.790	nq	99
51) 2,6-Dinitrotoluene	9.56	165	217131	38.400	nq	# 87
52) Acenaphthene	9.80	154	720277	38.154	nq	99
53) 3-Nitroaniline	9.73	138	137620	21.954	nq	97
54) 2,4-Dinitrophenol	9.85	184	207775	76.015	nq	94
55) Dibenzofuran	9.97	168	1070975	38.008	nq	100
56) 4-Nitrophenol	9.92	139	207383	55.063	nq	98
57) 2,4-Dinitrotoluene	9.97	165	276519	37.728	nq	94
58) Fluorene	10.31	166	881756	40.271	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	241608	38.506	nq	98
60) Diethylphthalate	10.19	149	943595	39.342	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	453549	39.134	nq	100
62) 4-Nitroaniline	10.35	138	190513	29.705	nq	99
63) Azobenzene	10.46	77	829823	39.805	nq	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	161633	41.496	nq	93
66) n-Nitrosodiphenylamine	10.42	169	787162	37.347	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	300596	35.726	nq	97
68) Hexachlorobenzene	10.87	284	345899	35.656	nq	96
69) Atrazine	10.95	200	83468	11.334	nq	99
70) Pentachlorophenol	11.07	266	392158	100.354	nq	99
71) Phenanthrene	11.27	178	1304828	37.170	nq	98
72) Anthracene	11.33	178	1275830	36.374	nq	98
73) Carbazole	11.48	167	1150289	36.812	nq	99
74) Di-n-butylphthalate	11.80	149	1418100	37.475	nq	100
75) Fluoranthene	12.46	202	1353081	36.312	nq	98
78) Pyrene	12.69	202	1345578	36.752	nq	99
80) Butylbenzylphthalate	13.30	149	574233	37.266	nq	99
81) Benzo(a)anthracene	13.87	228	1054533	33.944	nq	99
82) 3,3'-Dichlorobenzidine	13.83	252	260626	21.605	nq	99
83) Chrysene	13.92	228	990690	32.004	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	719103	36.939	nq	100
85) Di-n-octyl phthalate	14.46	149	1004011	32.370	nq	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	914263	30.503	nq	99
88) Benzo(b)fluoranthene	14.90	252	812066	58.145	nq	99
89) Benzo(k)fluoranthene	14.93	252	789624	61.009	nq	99
90) Benzo(a)pyrene	15.25	252	727536	57.719	nq	98
91) Dibenzo(a,h)anthracene	16.72	278	786036	70.873	nq	99
92) Benzo(g,h,i)perylene	17.13	276	792737	72.341	nq	100

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

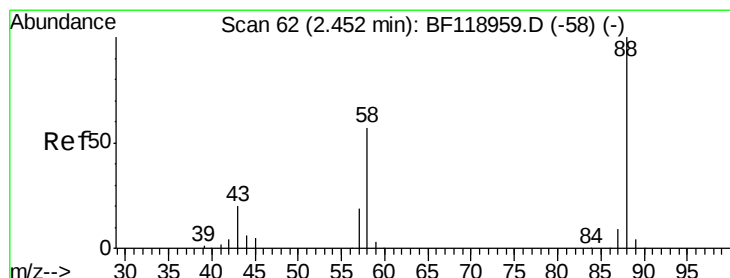
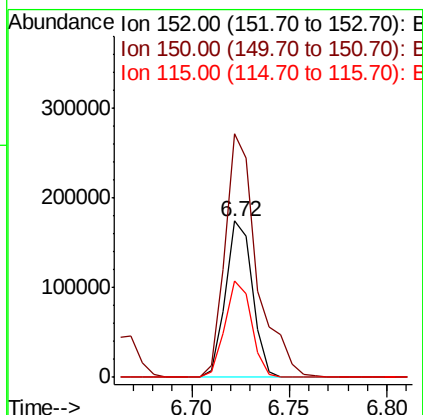
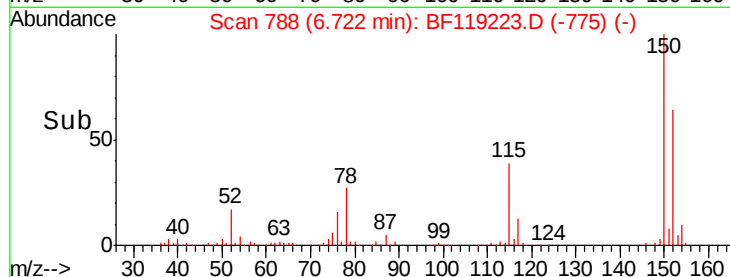
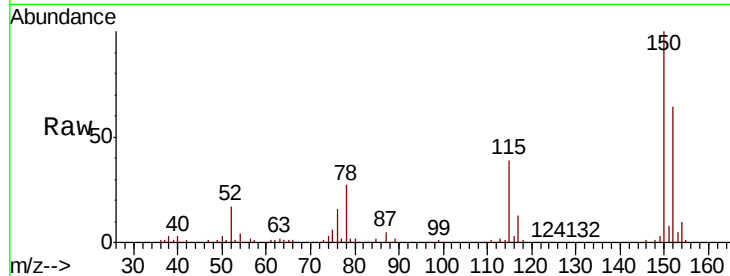


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampleId :

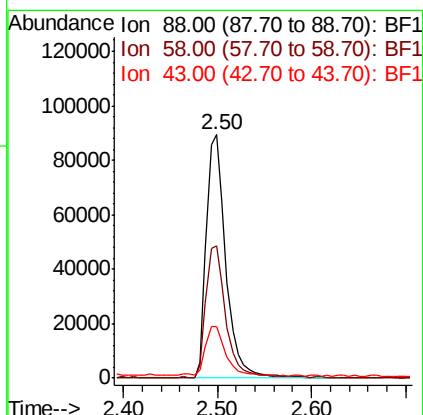
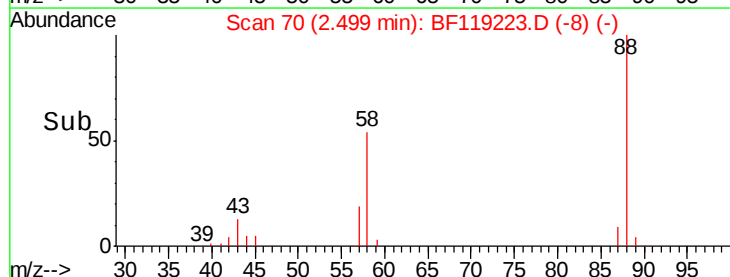
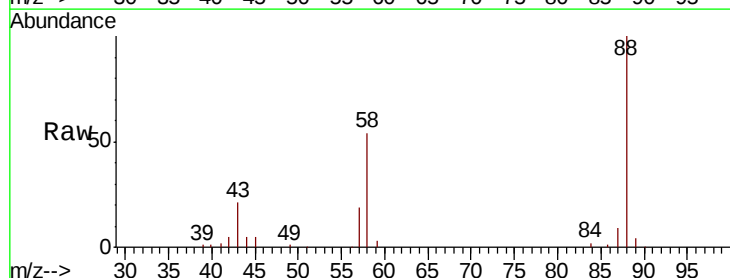
Tot Ion:152 Resp: 167922
Ion Ratio Lower Upper
152 100
150 156.1 123.0 184.6
115 61.4 49.5 74.3



#2

1,4-Dioxane
Concen: 29.328 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.06 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion: 88 Resp: 131208
Ion Ratio Lower Upper
88 100
58 56.2 43.8 65.6
43 21.8 16.2 24.4





#3

Pvridine

Concen: 26.290 ng

RT: 3.23 min Scan# 195

Delta R.T. 0.08 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Instrument :

BNA_F

ClientSampleId :

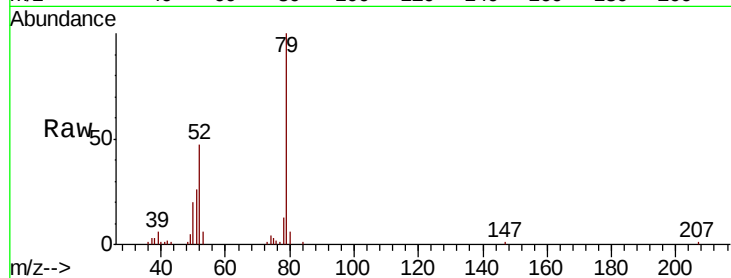
Tot Ion: 79 Resp: 321205

Ion Ratio Lower Upper

79 100

52 46.7 37.4 56.0

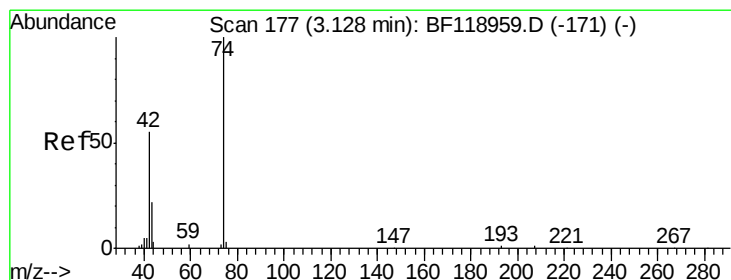
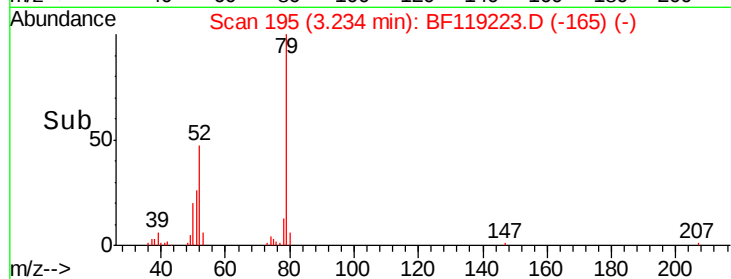
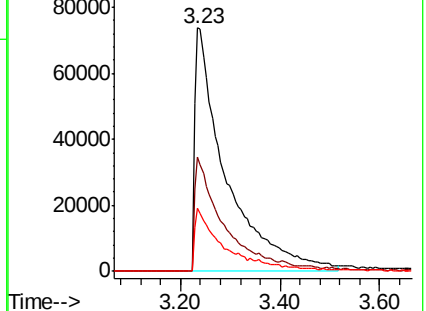
51 25.7 19.8 29.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.765 ng

RT: 3.16 min Scan# 183

Delta R.T. 0.04 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

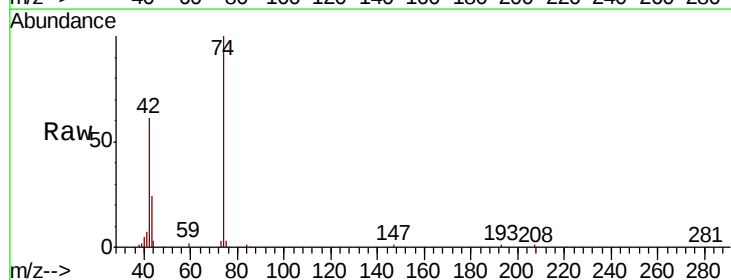
Tgt Ion: 42 Resp: 136075

Ion Ratio Lower Upper

42 100

74 164.9 137.7 206.5

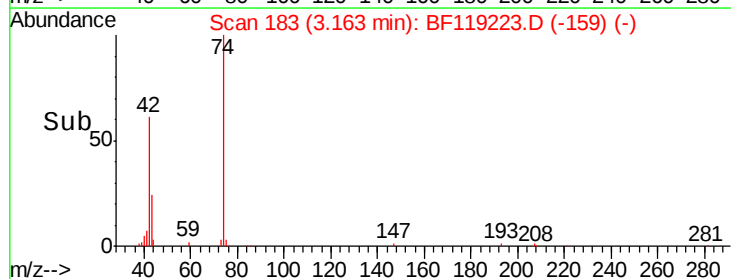
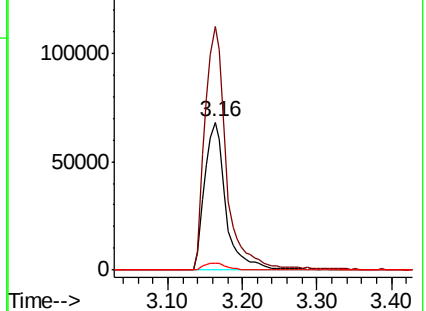
44 5.0 4.5 6.7

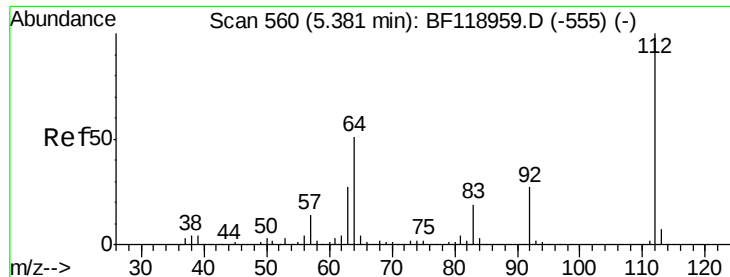


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 106.861 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Instrument :

BNA_F

ClientSampled :

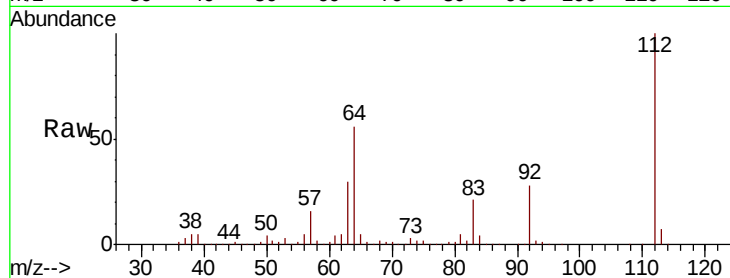
Tot Ion:112 Resp: 1073755

Ion Ratio Lower Upper

112 100

64 55.8 45.0 67.4

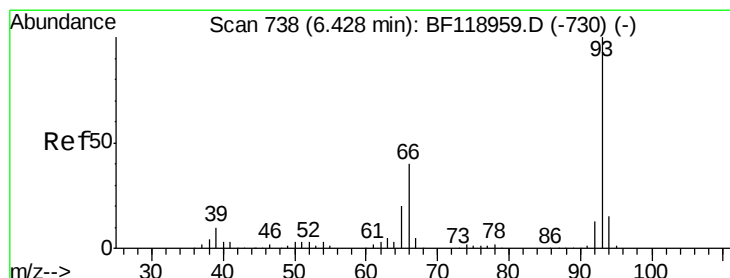
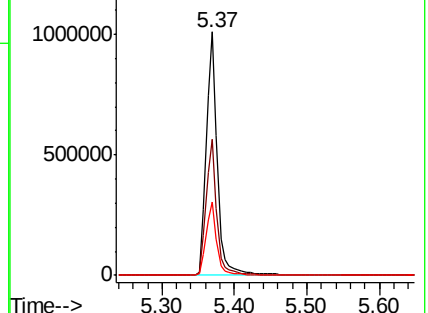
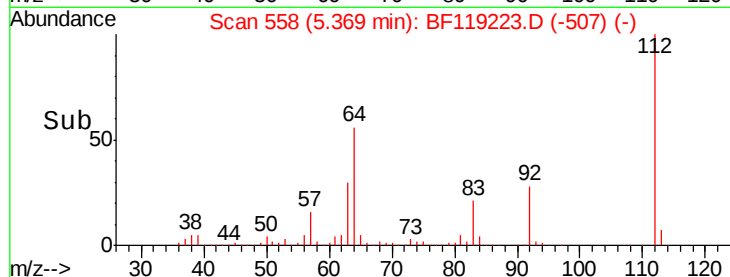
63 30.4 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.075 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

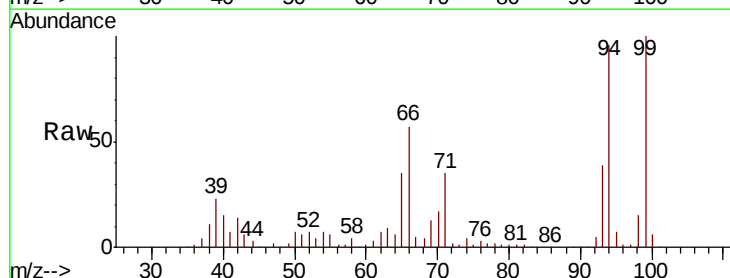
Tgt Ion: 93 Resp: 242391

Ion Ratio Lower Upper

93 100

66 146.1 74.5 111.7#

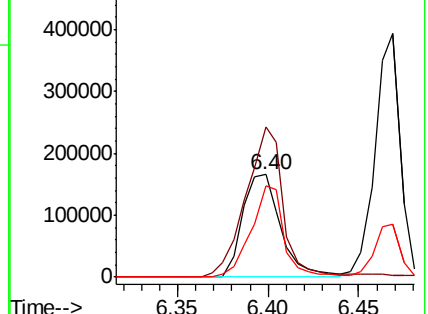
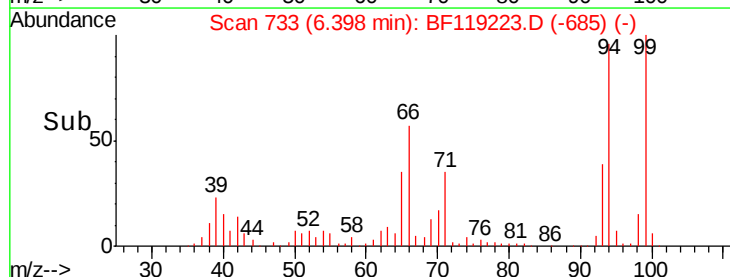
65 89.0 45.3 67.9#



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: 109.666 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Instrument :

BNA_F

ClientSampleId :

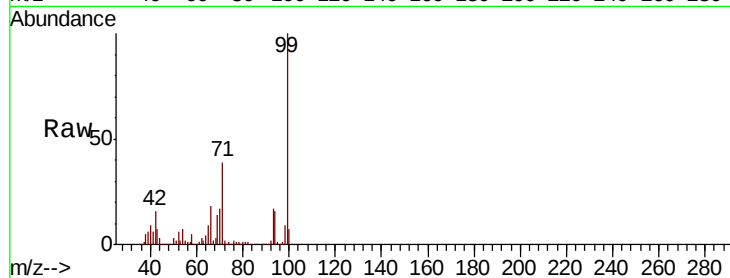
Tot Ion: 99 Resp: 1340164

Ion Ratio Lower Upper

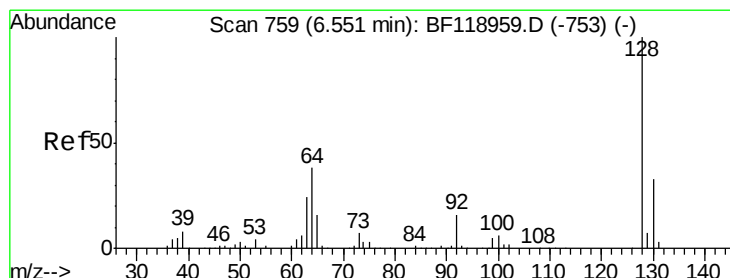
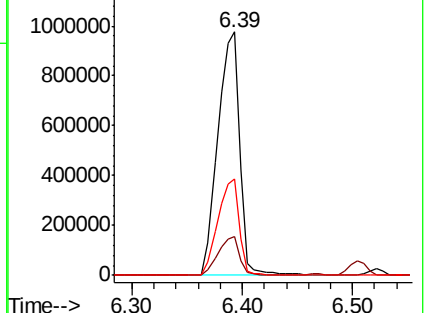
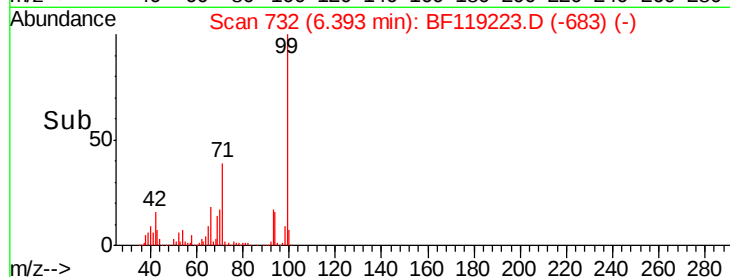
99 100

42 16.0 12.6 18.8

71 39.4 31.0 46.4



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: 38.019 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

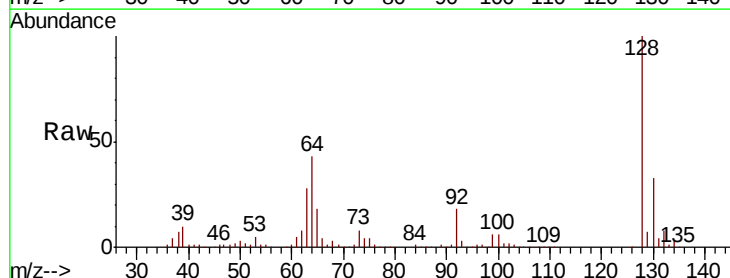
Tgt Ion:128 Resp: 412268

Ion Ratio Lower Upper

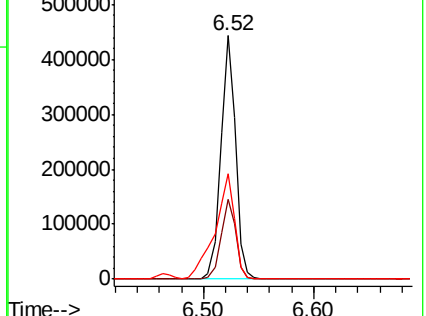
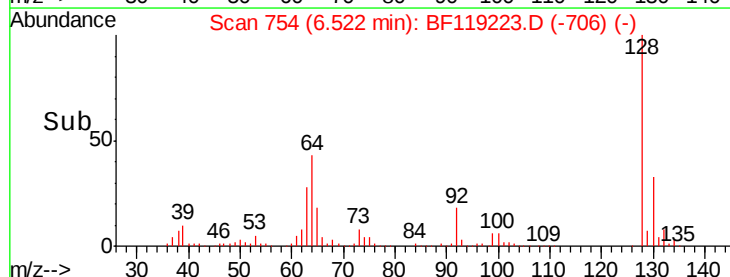
128 100

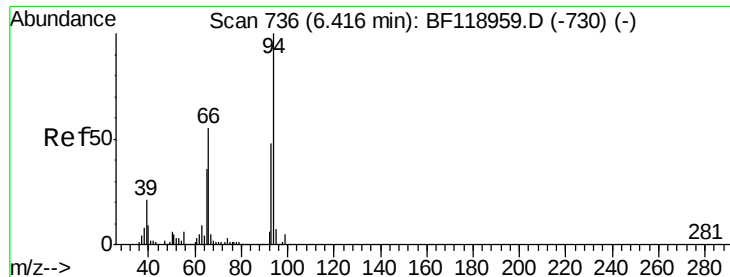
130 32.6 12.7 52.7

64 43.1 22.3 62.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#10

Phenol

Concen: 36.700 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Instrument :

BNA_F

ClientSampleId :

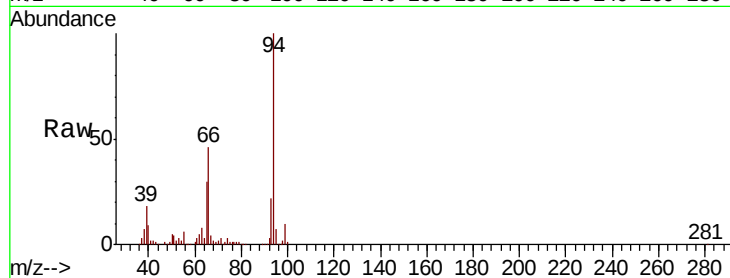
Tot Ion: 94 Resp: 484898

Ion Ratio Lower Upper

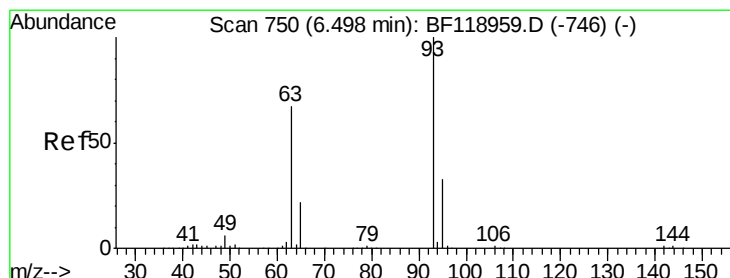
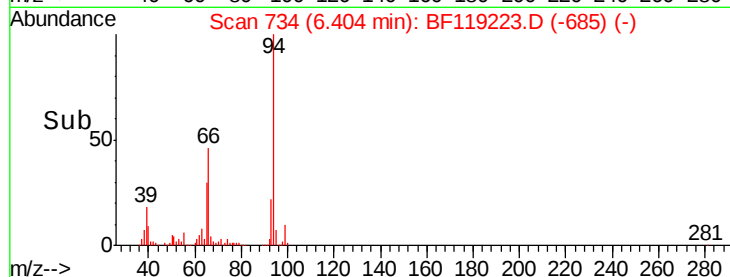
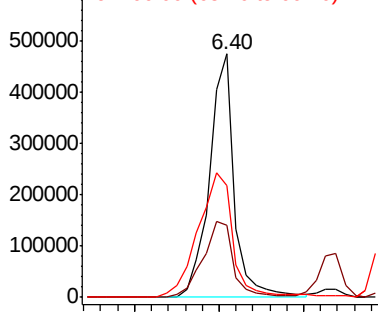
94 100

65 29.6 19.2 59.2

66 46.1 44.4 84.4



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: 37.636 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

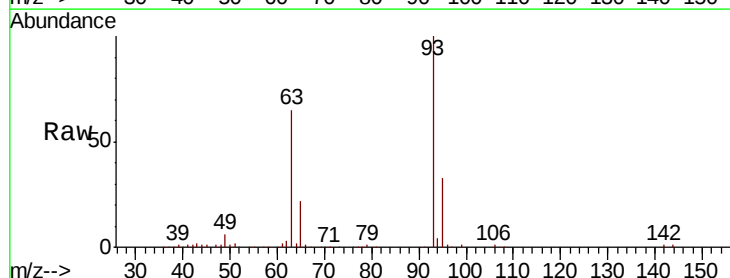
Tgt Ion: 93 Resp: 380478

Ion Ratio Lower Upper

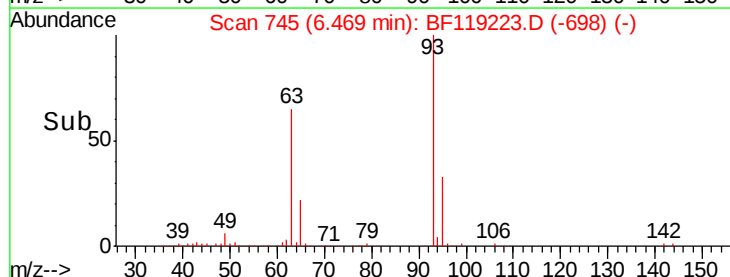
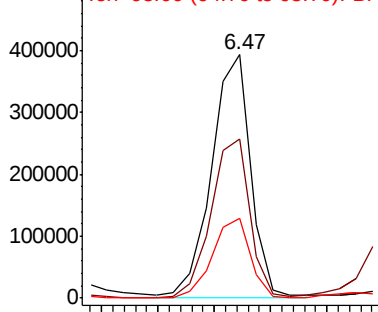
93 100

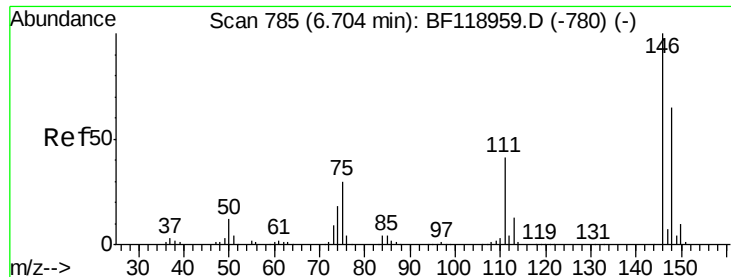
63 65.5 45.4 85.4

95 32.8 13.5 53.5



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

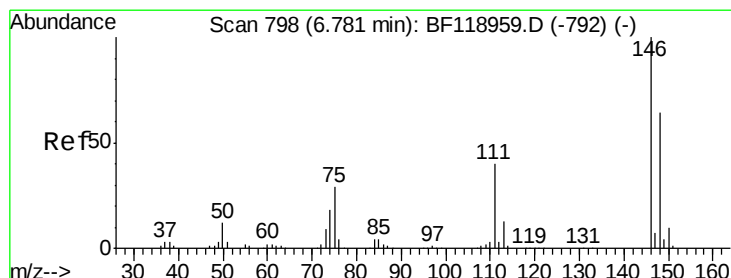
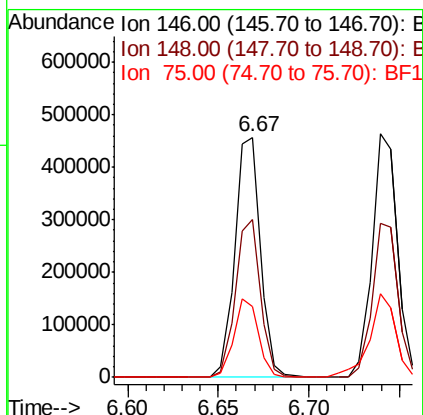
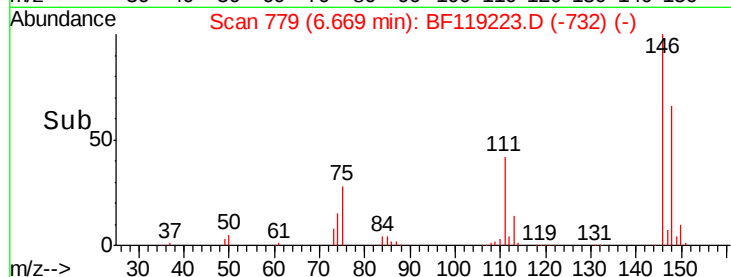
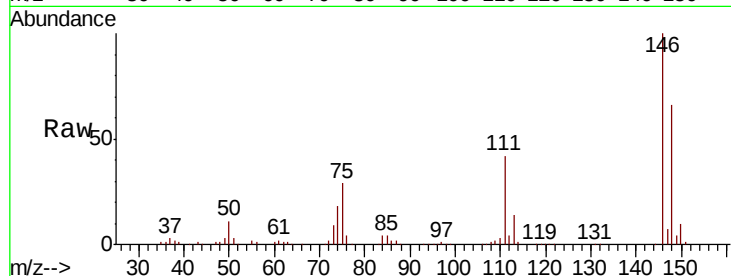




#12
 1,3-Dichlorobenzene
 Concen: 34.457 ng
 RT: 6.67 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF119223.D
 Acq: 5 Mar 2020 20:33

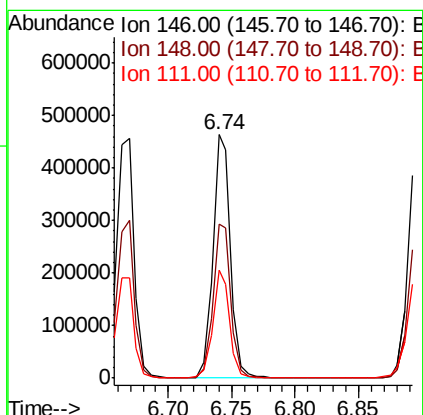
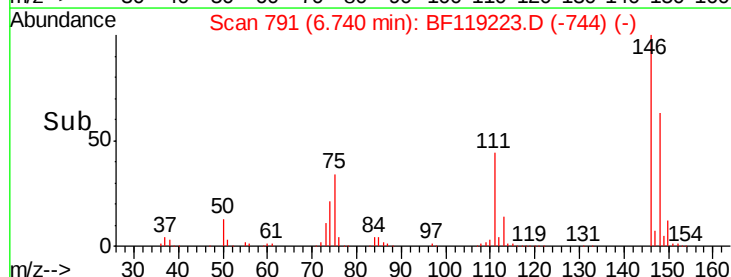
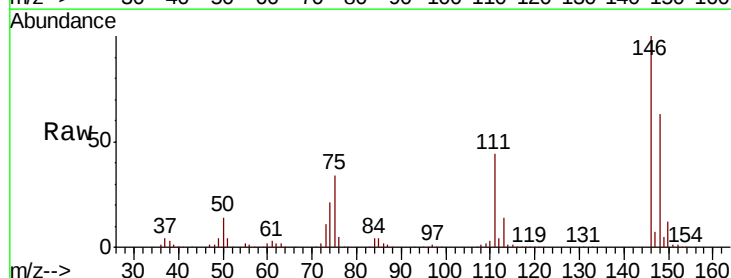
Instrument :
 BNA_F
 ClientSampleId :

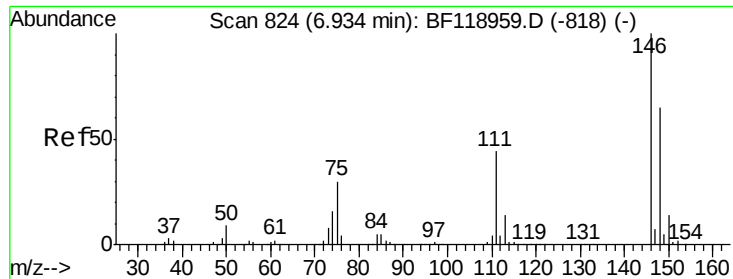
Tot Ion:146 Resp: 447844
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.5 78.7
 75 29.3 23.6 35.4



#13
 1,4-Dichlorobenzene
 Concen: 34.800 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.02 min
 Lab File: BF119223.D
 Acq: 5 Mar 2020 20:33

Tgt Ion:146 Resp: 452604
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.1 76.7
 111 44.2 34.8 52.2





#14

1,2-Dichlorobenzene

Concen: 35.164 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Instrument :

BNA_F

ClientSampleId :

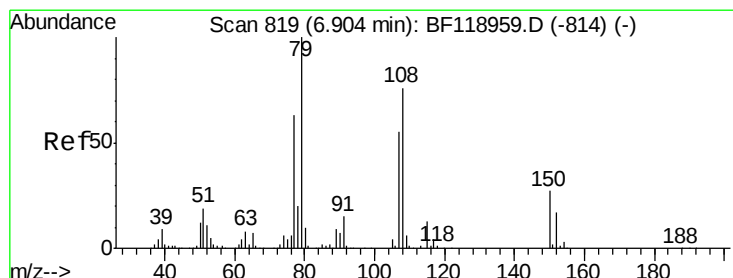
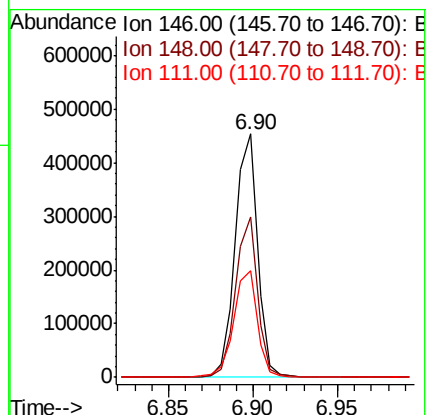
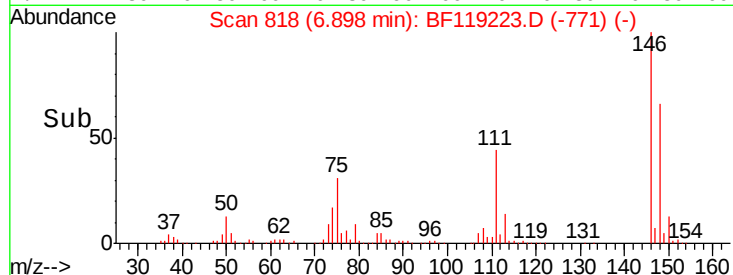
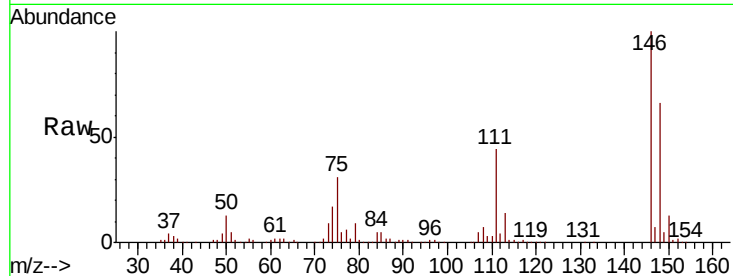
Tot Ion:146 Resp: 417100

Ion Ratio Lower Upper

146 100

148 65.8 51.9 77.9

111 44.0 36.2 54.2



#15

Benzyl Alcohol

Concen: 38.390 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

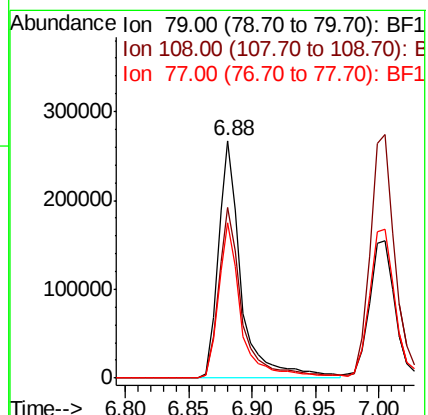
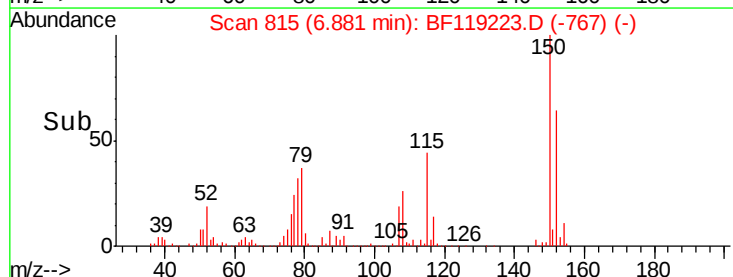
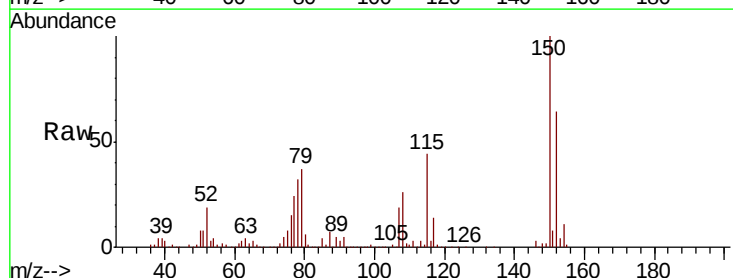
Tgt Ion: 79 Resp: 339064

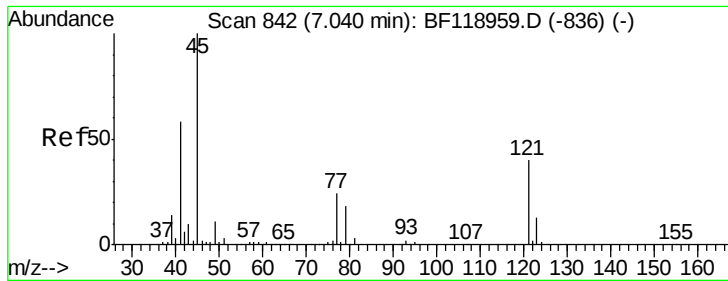
Ion Ratio Lower Upper

79 100

108 71.7 58.2 87.2

77 65.2 51.2 76.8

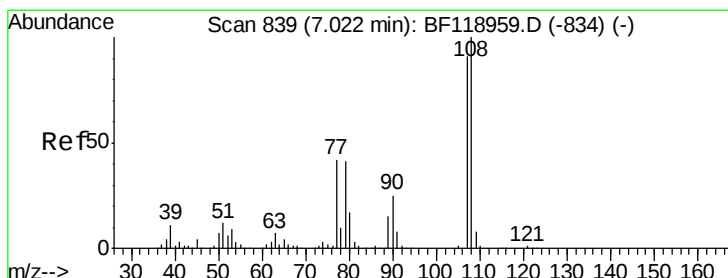
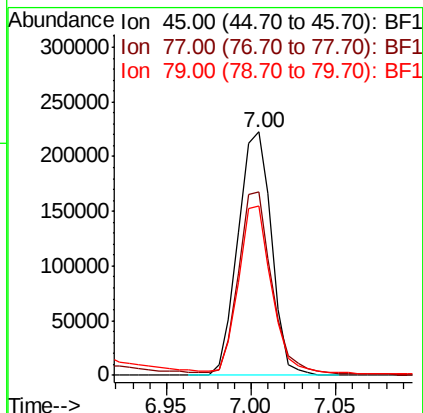
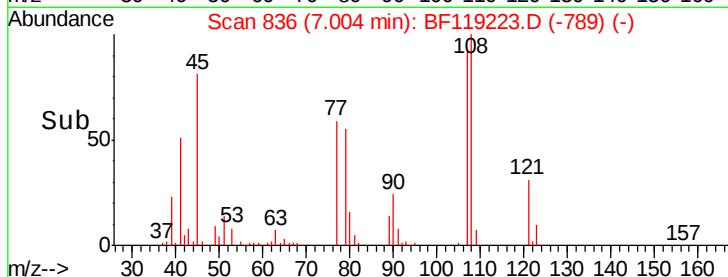
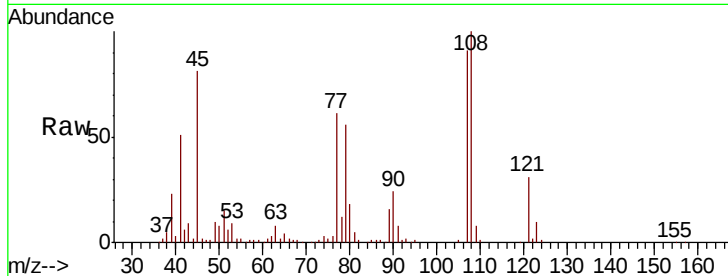




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 35.081 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

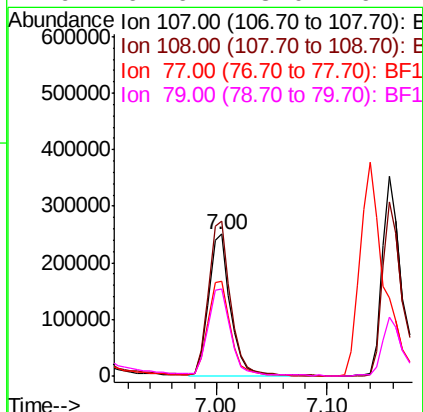
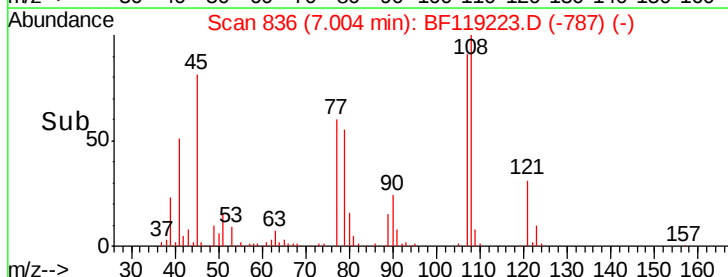
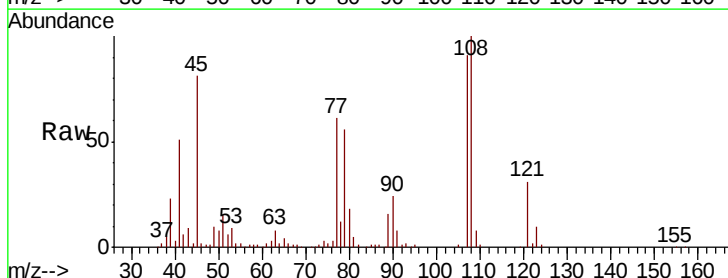
Instrument :
BNA_F
ClientSampled :

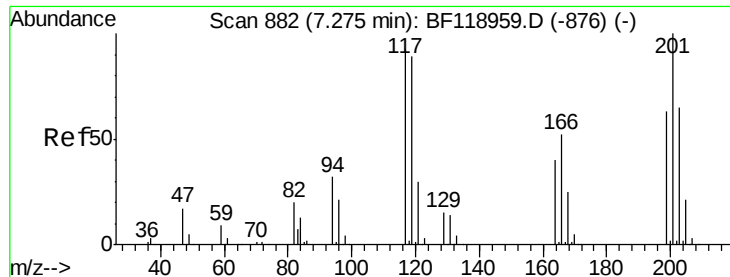
Tot Ion: 45 Resp: 307211
Ion Ratio Lower Upper
45 100
77 75.2 15.0 55.0#
79 69.3 9.4 49.4#



#17
2-Methylphenol
Concen: 38.118 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion: 107 Resp: 335118
Ion Ratio Lower Upper
107 100
108 109.4 87.9 131.9
77 66.8 45.3 67.9
79 61.6 43.0 64.4

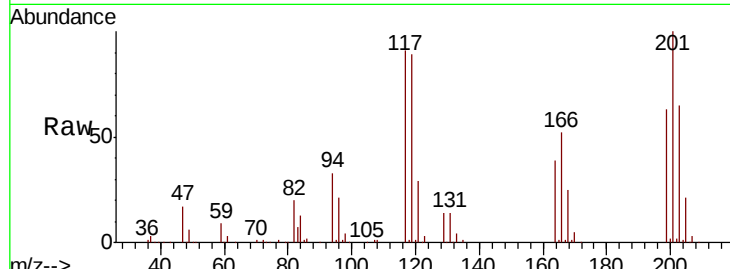




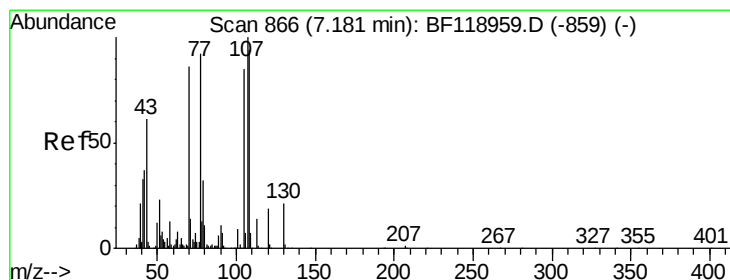
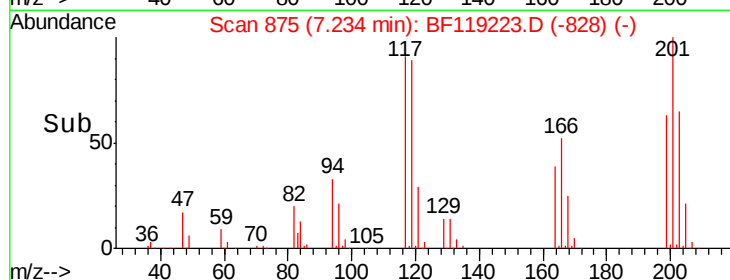
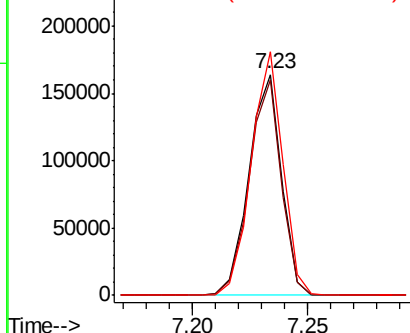
#18
Hexachloroethane
Concen: 34.698 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:117 Resp: 161454
Ion Ratio Lower Upper
117 100
119 97.5 77.5 116.3
201 110.1 82.6 123.8

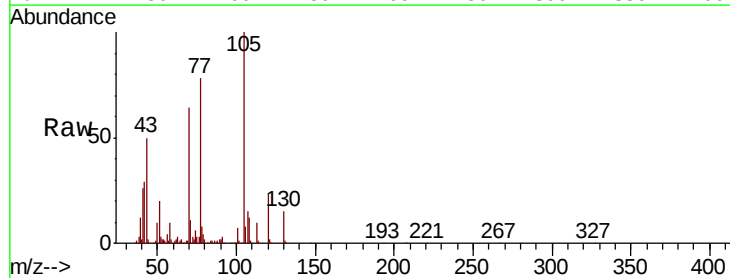


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

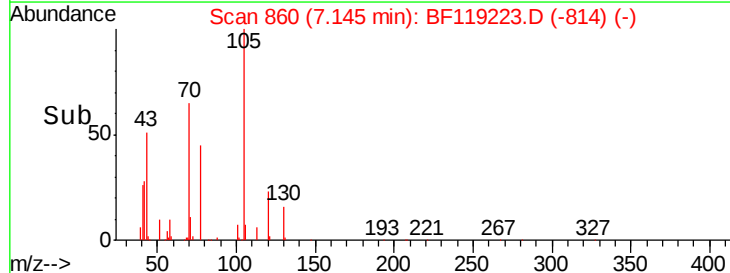
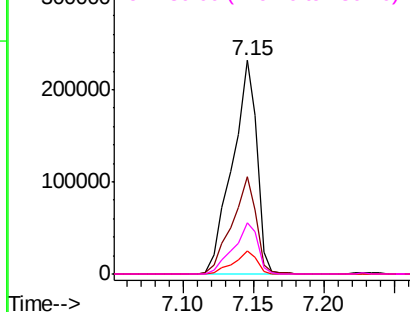


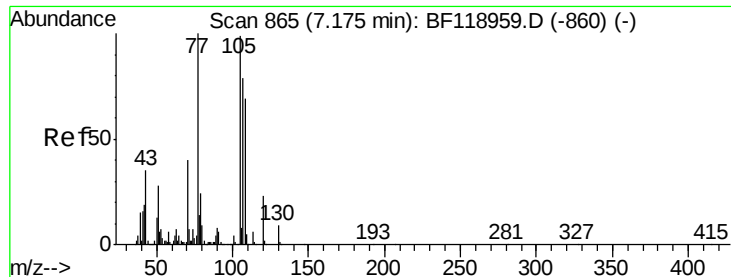
#19
n-Nitroso-di-n-propylamine
Concen: 39.317 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion: 70 Resp: 279972
Ion Ratio Lower Upper
70 100
42 45.4 38.0 57.0
101 10.7 8.2 12.4
130 23.8 18.2 27.4



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

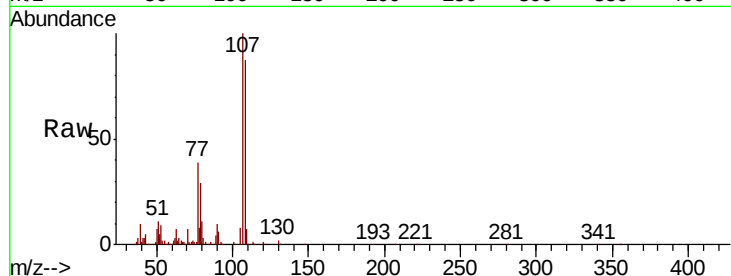




#20
3+4-Methylphenols
Concen: 41.009 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	87.5	71.5	111.5
77	39.0	45.9	85.9
79	29.4	13.8	53.8



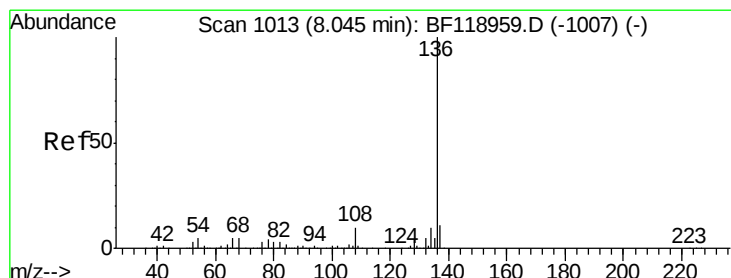
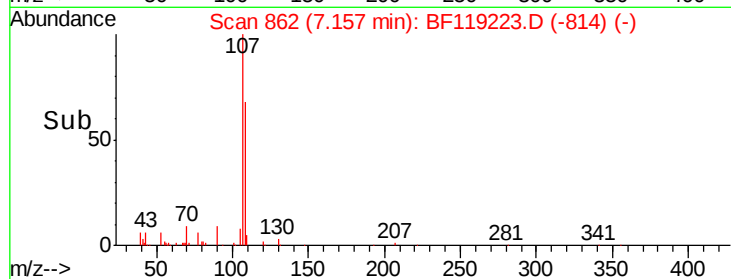
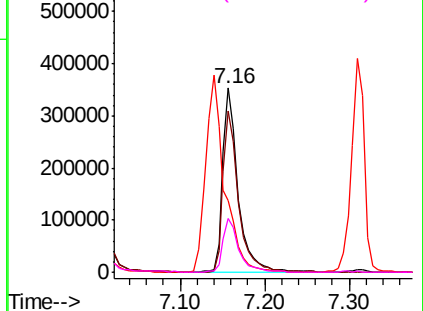
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	4.6	3.8	5.6
68	4.8	3.9	5.9

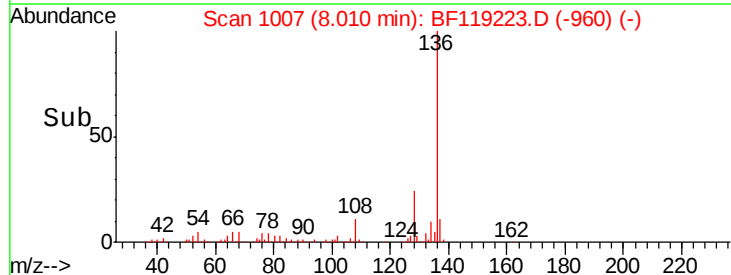
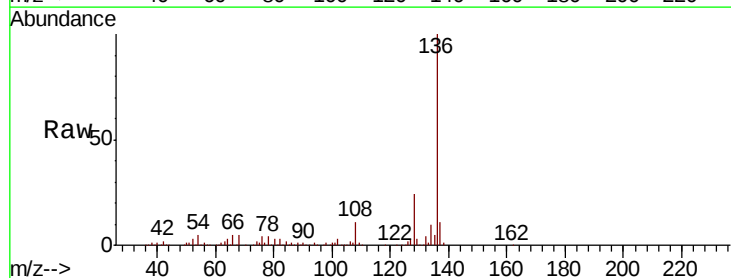
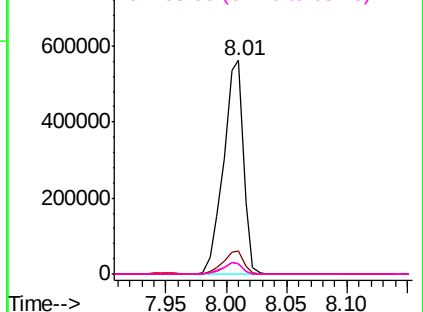
Abundance

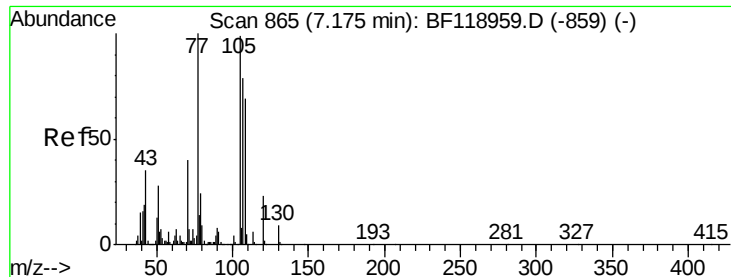
Ion 136.00 (135.70 to 136.70): E

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: 39.239 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 582297

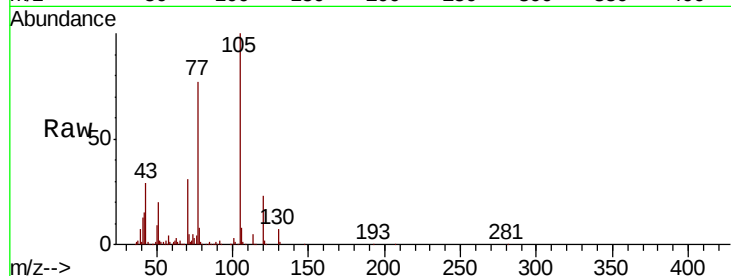
Ion Ratio Lower Upper

105 100

71 5.1 3.0 4.4#

51 20.1 20.1 30.1#

120 22.9 18.0 27.0

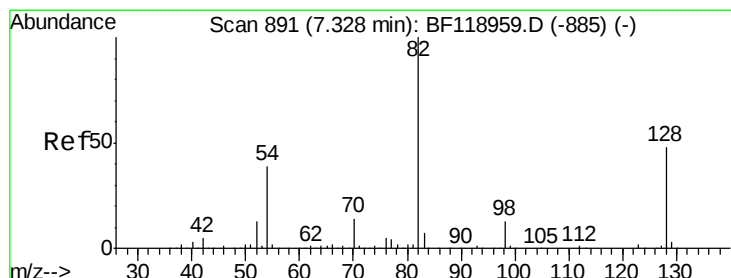
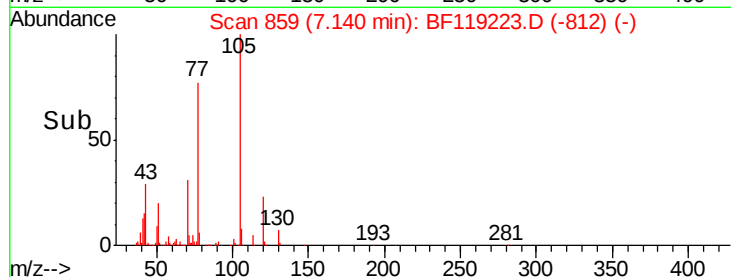
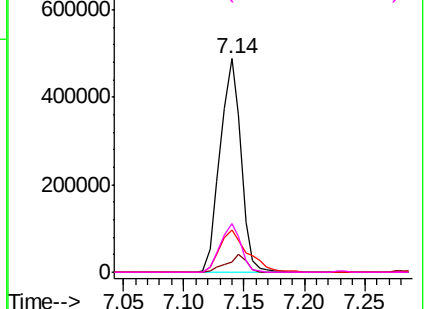


Abundance Ion 105.00 (104.70 to 105.70): E

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: 71.047 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.03 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

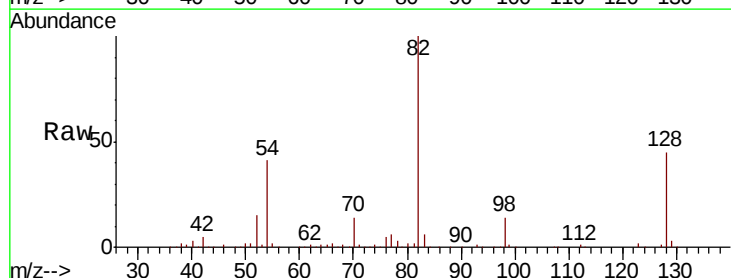
Tgt Ion: 82 Resp: 863018

Ion Ratio Lower Upper

82 100

128 45.4 37.9 56.9

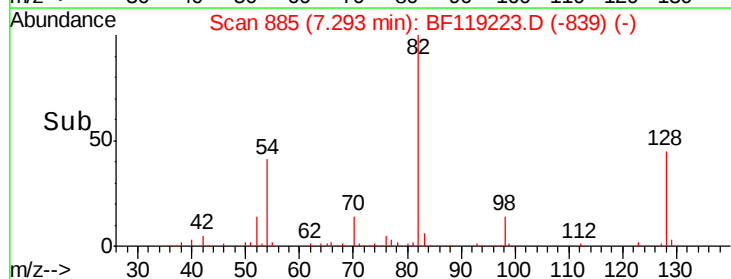
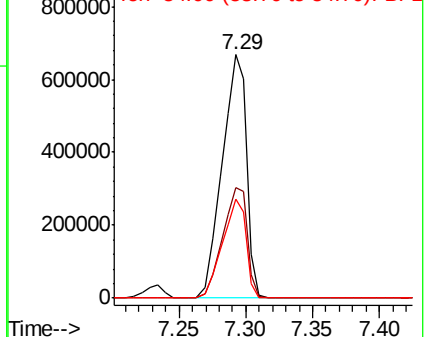
54 40.7 33.4 50.2

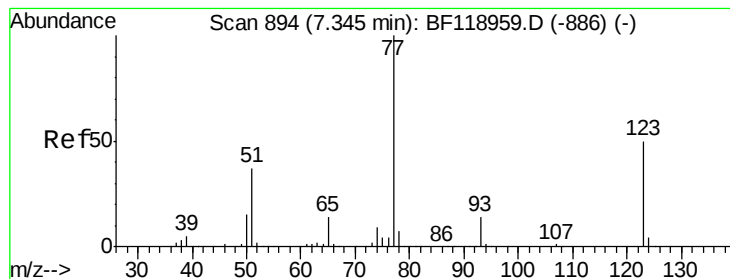


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 36.160 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.03 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

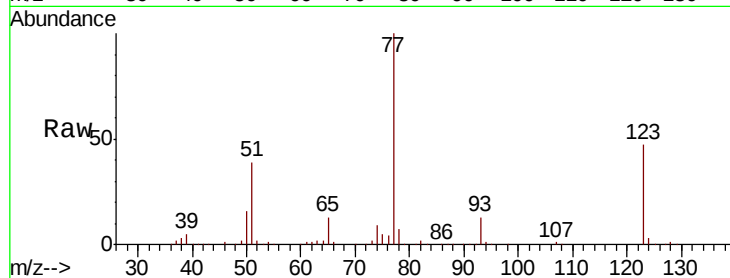
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 434365

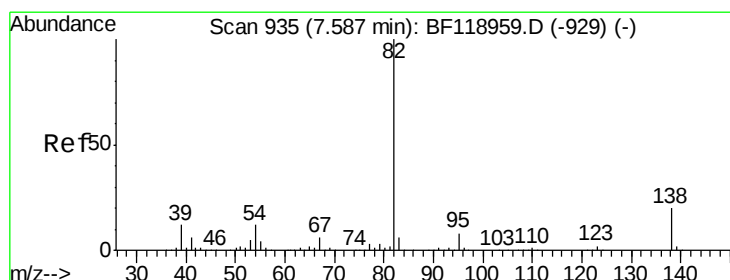
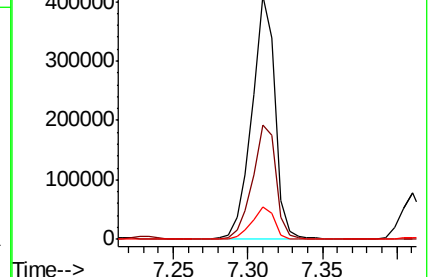
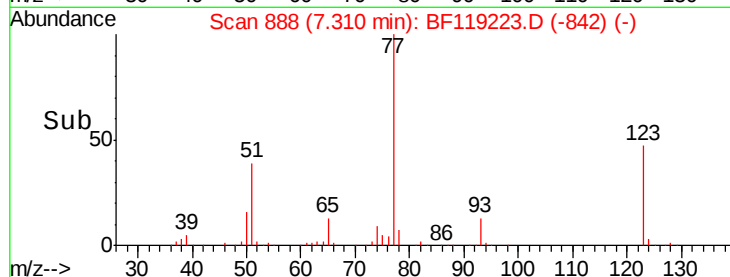
Ion	Ratio	Lower	Upper
77	100		
123	46.9	40.2	60.2
65	13.4	10.8	16.2



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: 36.526 ng

RT: 7.55 min Scan# 929

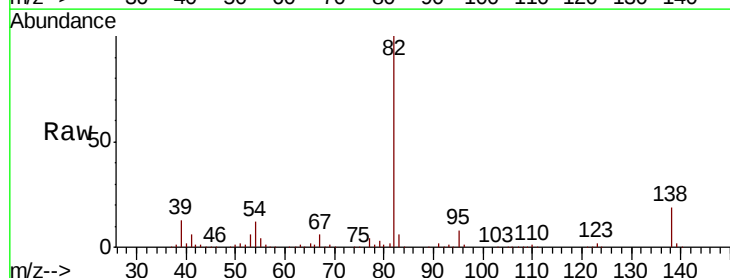
Delta R.T. -0.03 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Tgt Ion: 82 Resp: 770564

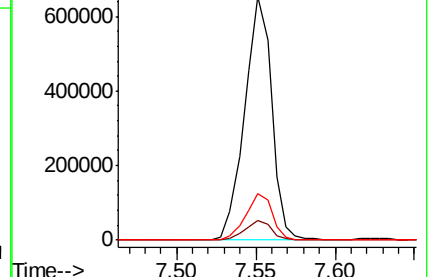
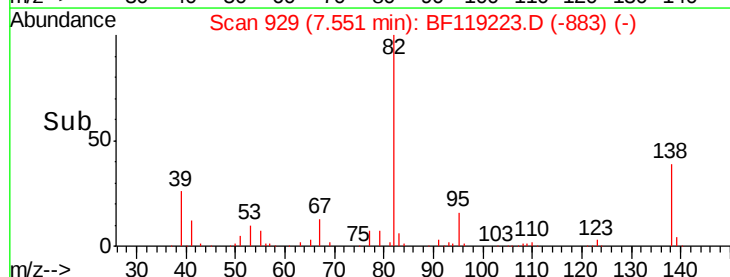
Ion	Ratio	Lower	Upper
82	100		
95	8.1	6.4	9.6
138	19.2	15.7	23.5

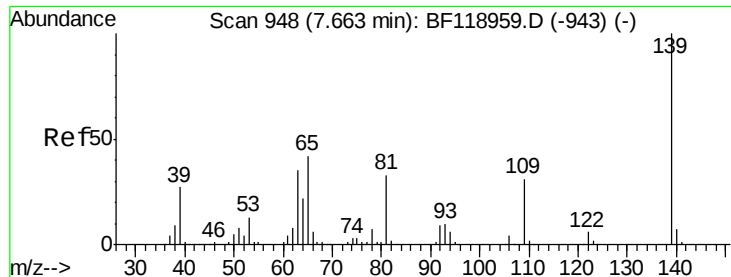


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

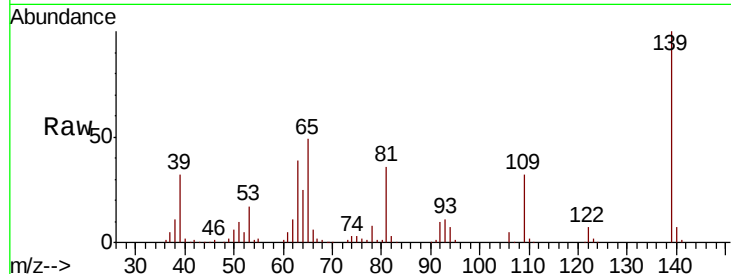




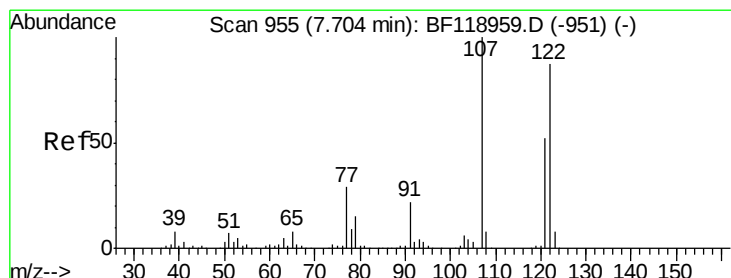
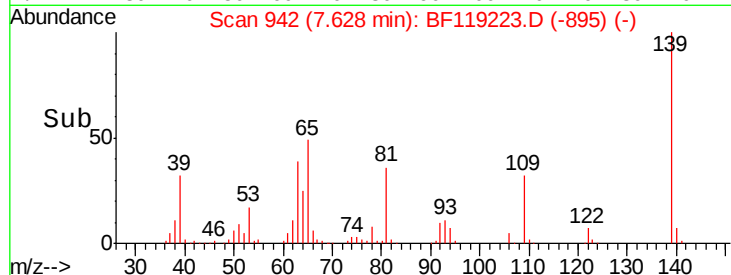
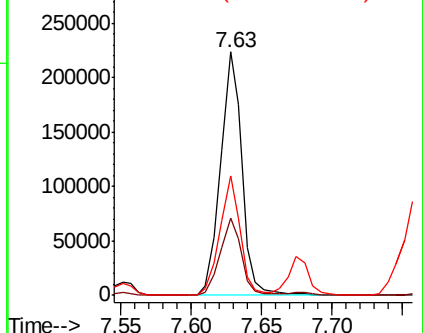
#26
2-Nitrophenol
Concen: 37.060 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	31.8	25.7	38.5
65	49.0	37.1	55.7

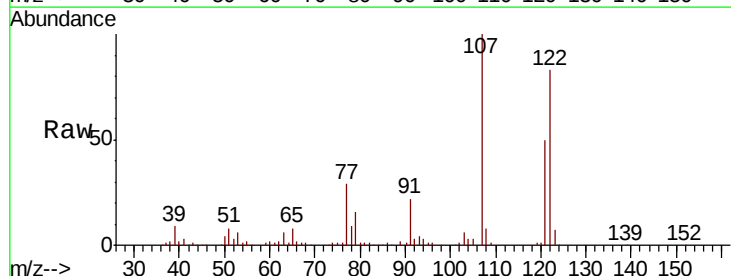


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

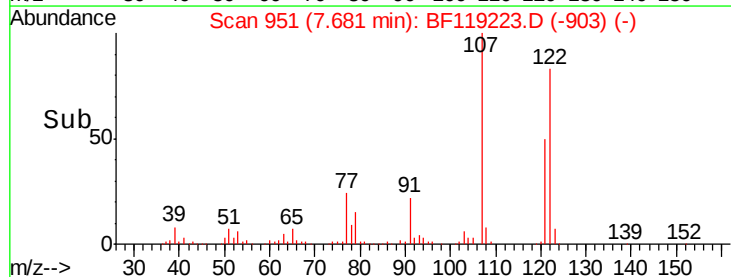
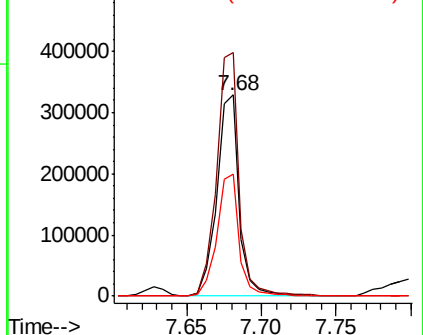


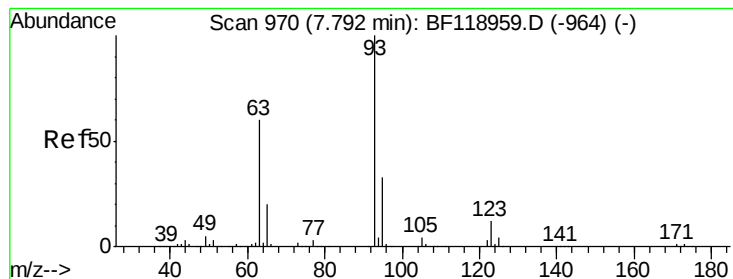
#27
2,4-Dimethylphenol
Concen: 39.989 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion	Ratio	Lower	Upper
122	100		
107	121.0	93.8	140.6
121	60.9	48.2	72.2



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: 34.574 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.03 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Instrument :

BNA_F

ClientSampled :

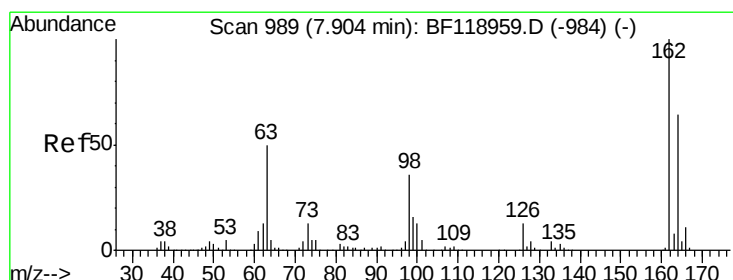
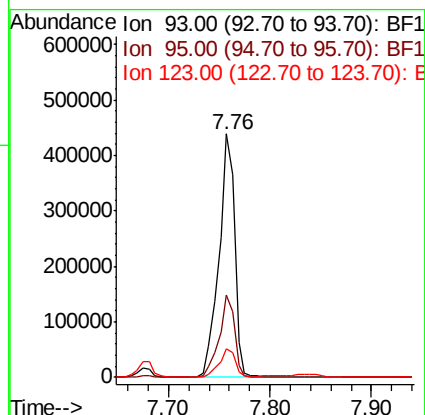
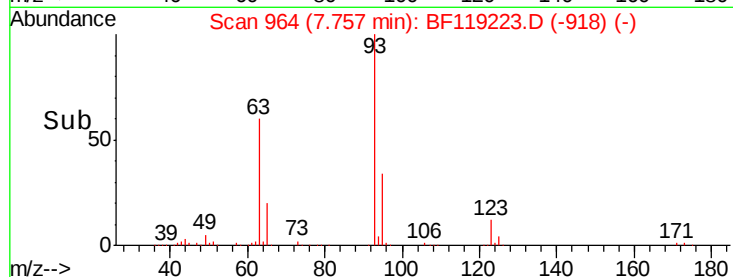
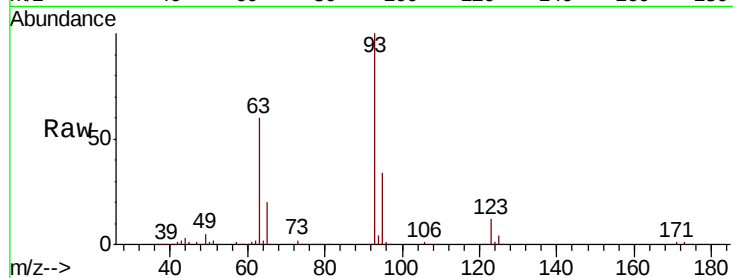
Tot Ion: 93 Resp: 474746

Ion Ratio Lower Upper

93 100

95 33.7 26.5 39.7

123 11.5 10.2 15.2



#29

2,4-Dichlorophenol

Concen: 36.474 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

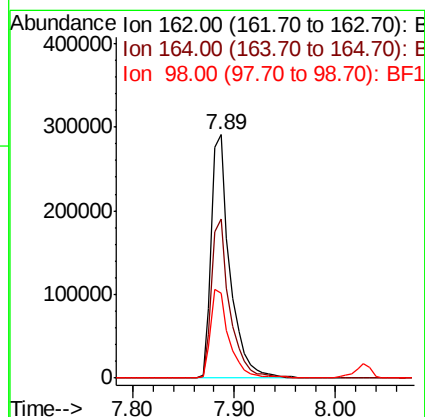
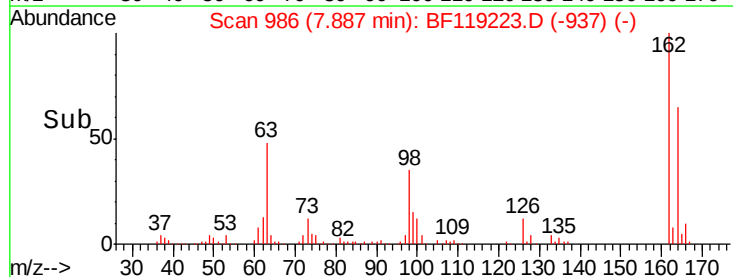
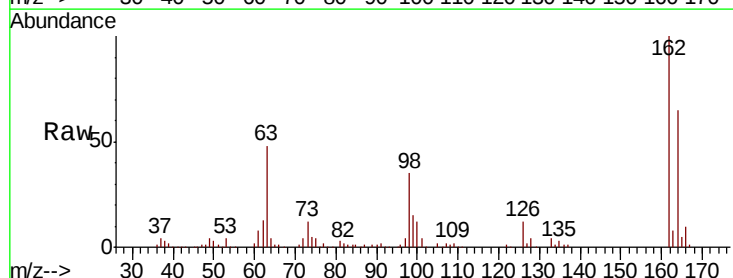
Tgt Ion: 162 Resp: 370909

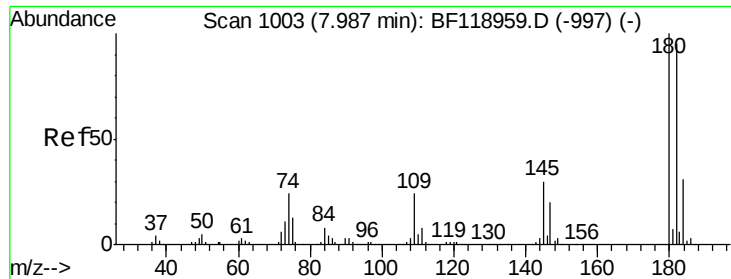
Ion Ratio Lower Upper

162 100

164 65.5 45.2 85.2

98 34.8 17.4 57.4

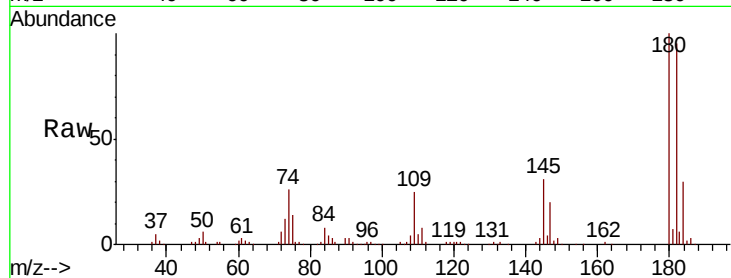




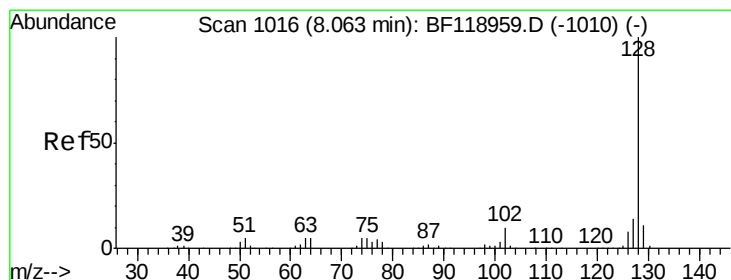
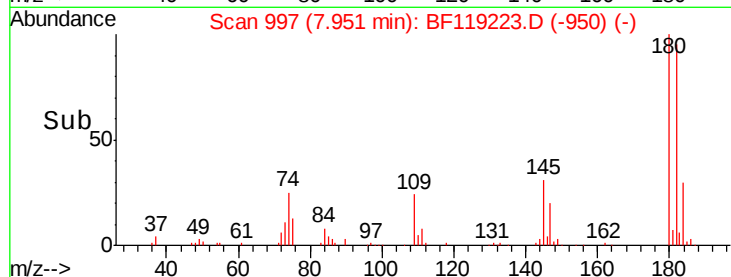
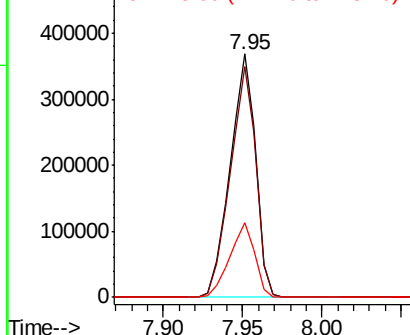
#30
1,2,4-Trichlorobenzene
Concen: 33.935 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:180 Resp: 409146
Ion Ratio Lower Upper
180 100
182 94.9 77.8 116.6
145 30.6 25.2 37.8

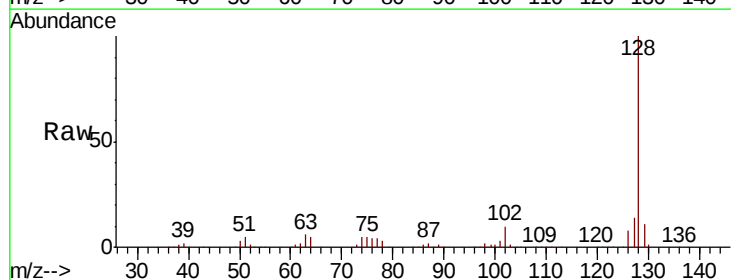


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

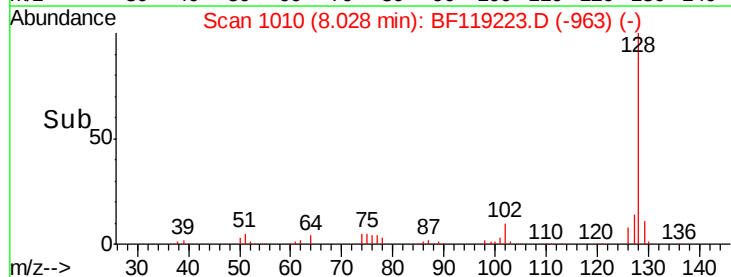
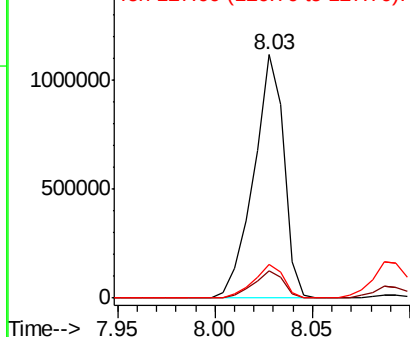


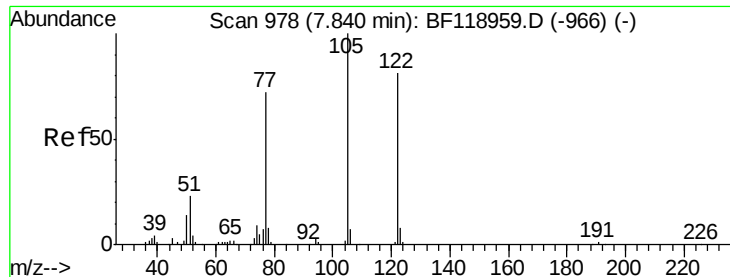
#31
Naphthalene
Concen: 36.021 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion:128 Resp: 1198163
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.9 11.4 17.2



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

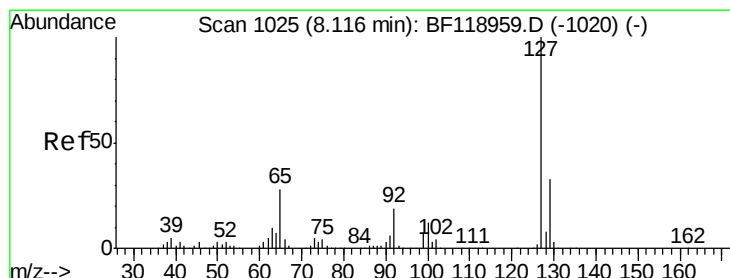
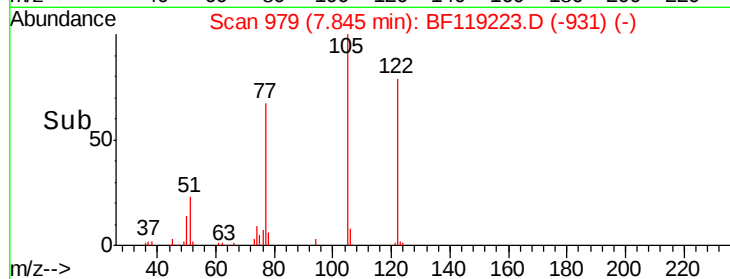
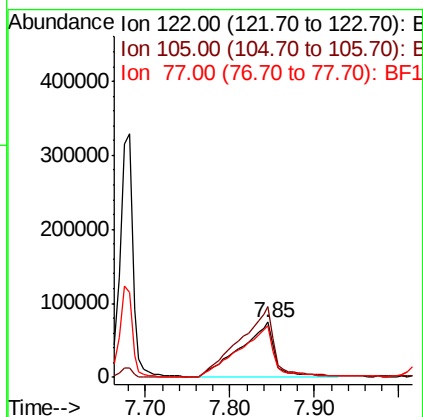
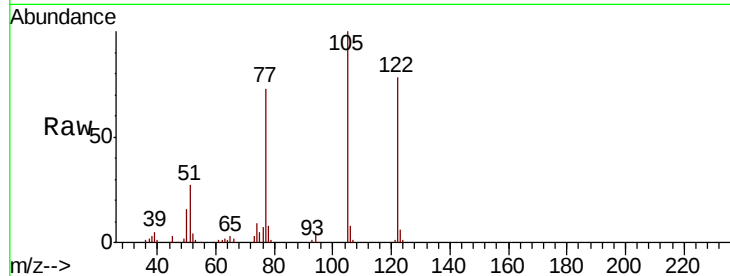




#32
Benzoic acid
Concen: 35.513 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

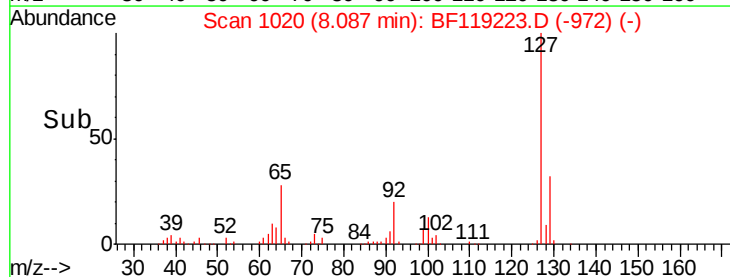
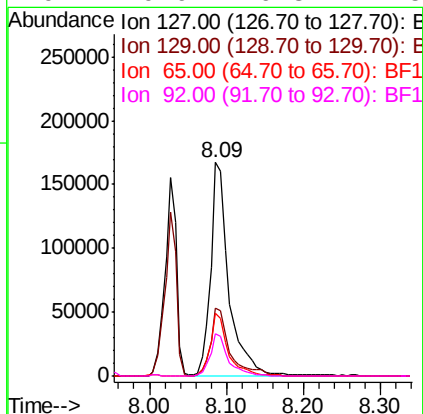
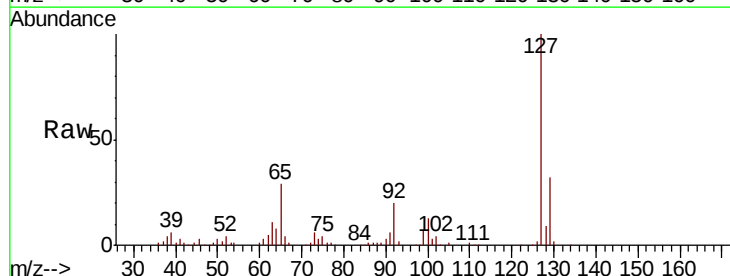
Instrument :
BNA_F
ClientSampleId :

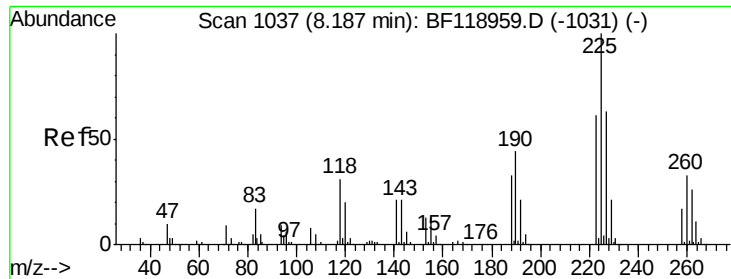
Tot Ion	Ratio	Lower	Upper
122	100		
105	127.9	106.3	146.3
77	93.6	73.1	113.1



#33
4-Chloroaniline
Concen: 18.914 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	29.3	23.9	35.9
92	19.9	16.3	24.5

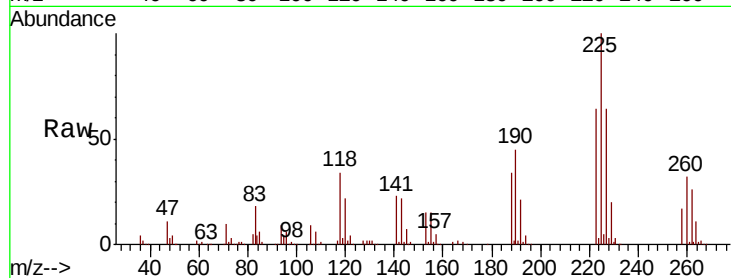




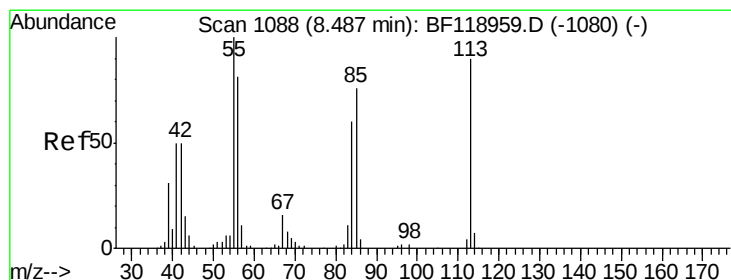
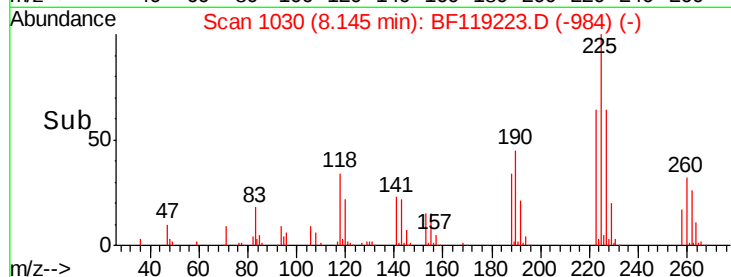
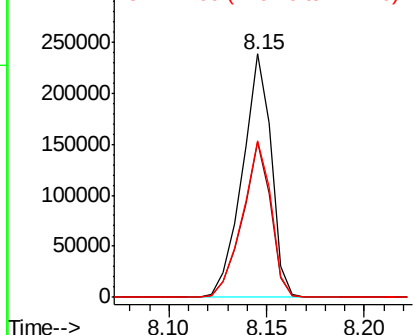
#34
Hexachlorobutadiene
Concen: 32.534 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:225 Resp: 244335
Ion Ratio Lower Upper
225 100
223 63.7 49.4 74.2
227 64.4 52.9 79.3

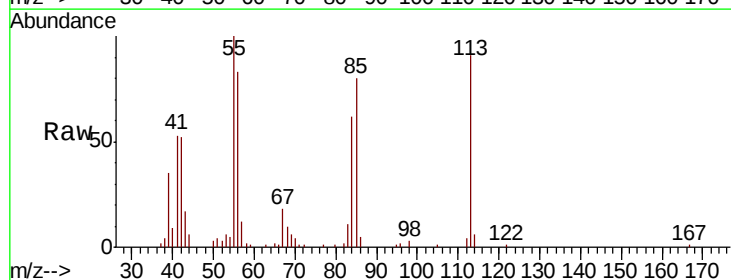


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

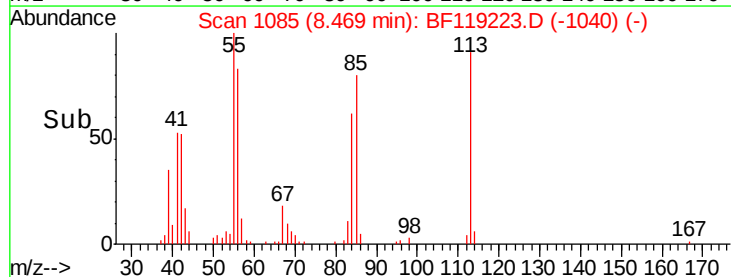
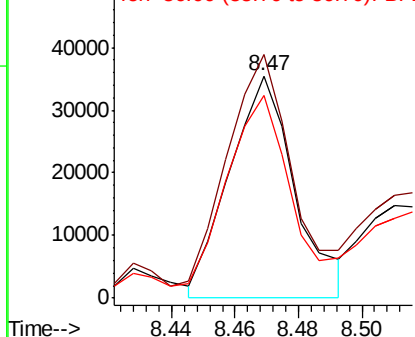


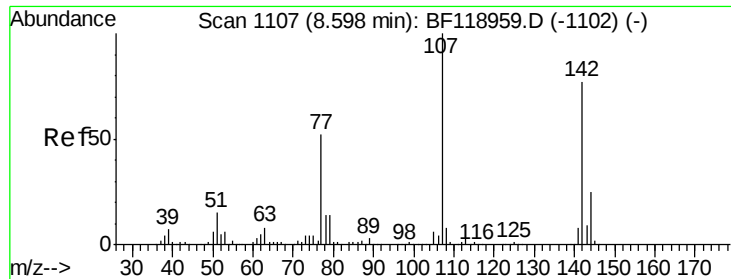
#35
Caprolactam
Concen: 16.177 ng
RT: 8.47 min Scan# 1085
Delta R.T. -0.04 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion:113 Resp: 50655
Ion Ratio Lower Upper
113 100
55 109.5 95.7 135.7
56 90.9 73.1 113.1



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

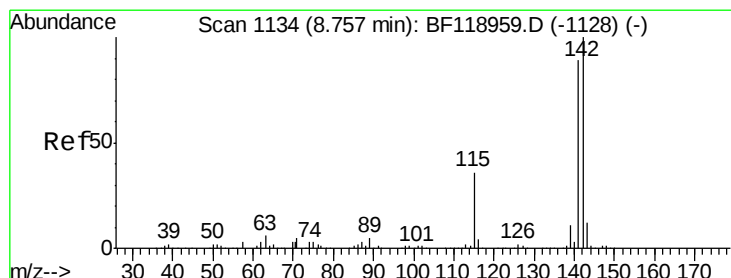
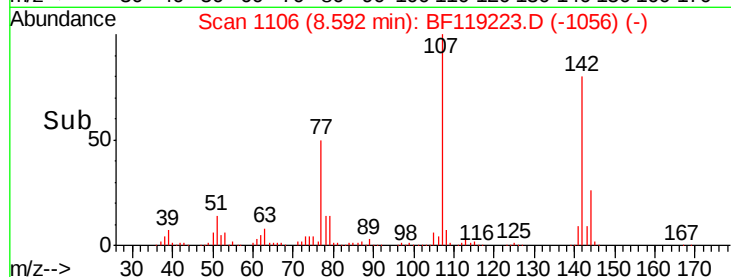
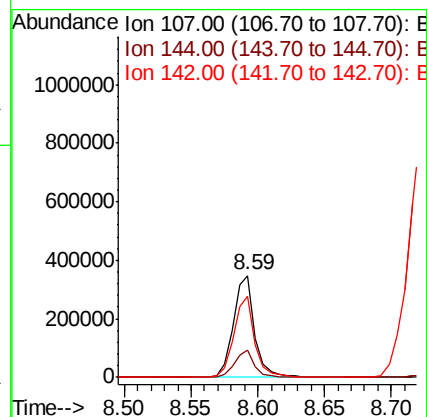
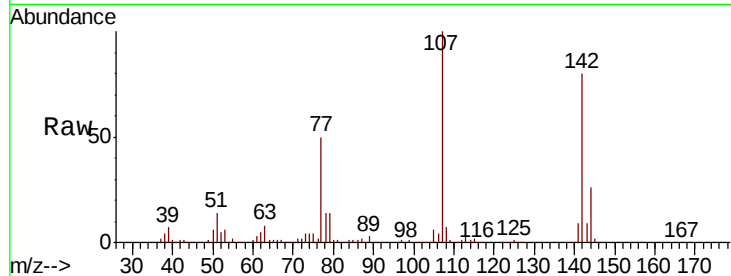




#36
 4-Chloro-3-methylphenol
 Concen: 37.997 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF119223.D
 Acq: 5 Mar 2020 20:33

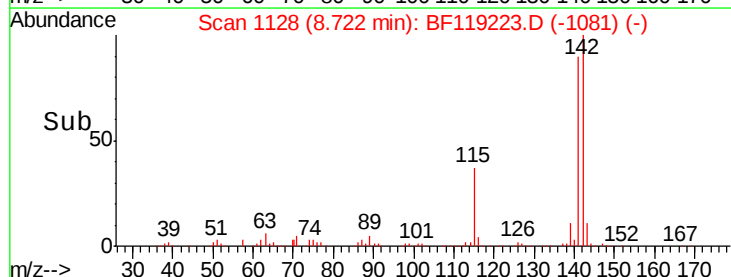
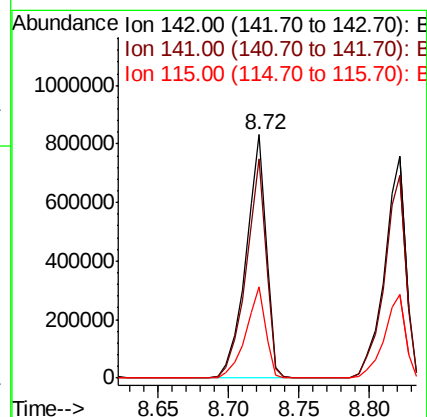
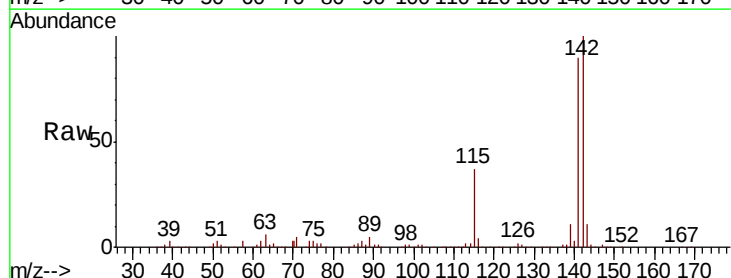
Instrument :
 BNA_F
 ClientSampleId :

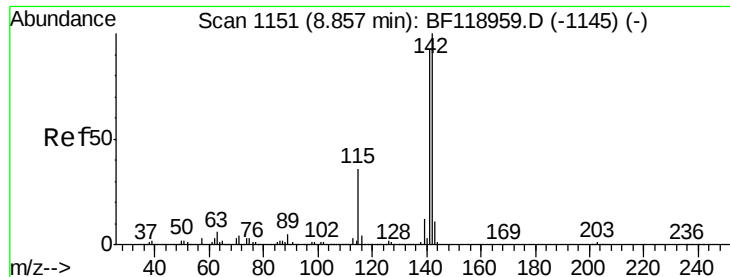
Tot Ion:107 Resp: 391046
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.1 30.1
 142 79.5 61.4 92.2



#37
 2-Methylnaphthalene
 Concen: 36.957 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. -0.02 min
 Lab File: BF119223.D
 Acq: 5 Mar 2020 20:33

Tgt Ion:142 Resp: 827261
 Ion Ratio Lower Upper
 142 100
 141 89.9 72.3 108.5
 115 37.4 30.6 45.8

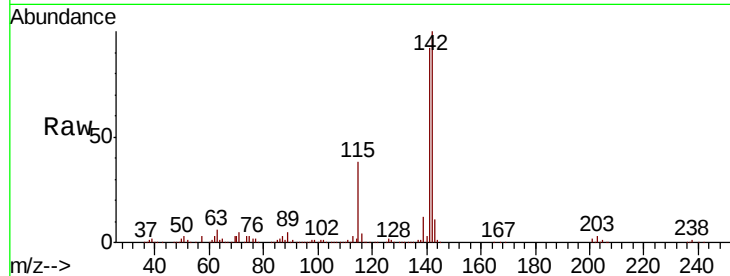




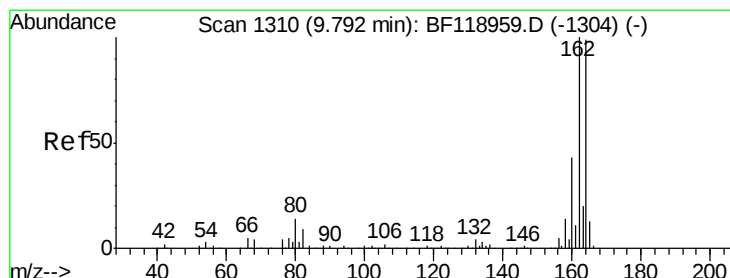
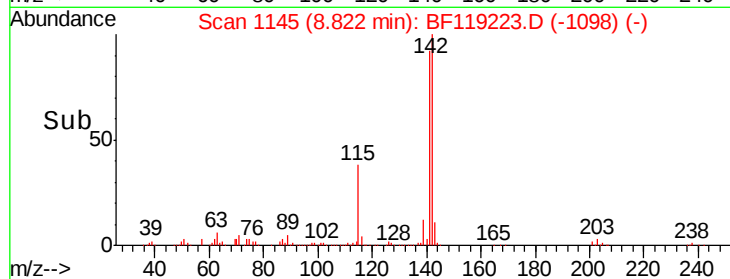
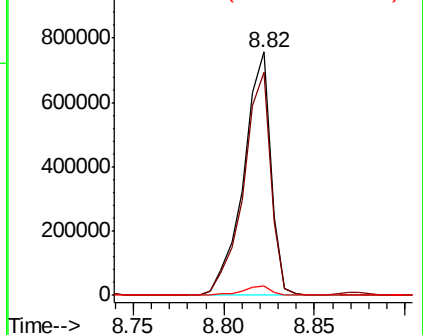
#38
1-Methylnaphthalene
Concen: 37.444 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 788262
Ion Ratio Lower Upper
142 100
141 91.7 75.8 113.6
116 3.7 3.1 4.7

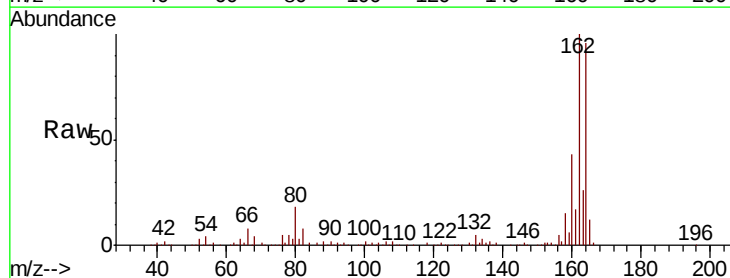


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

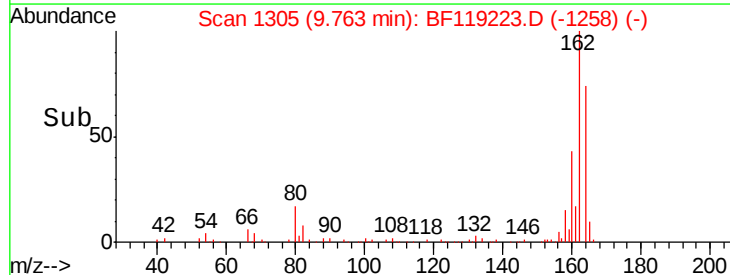
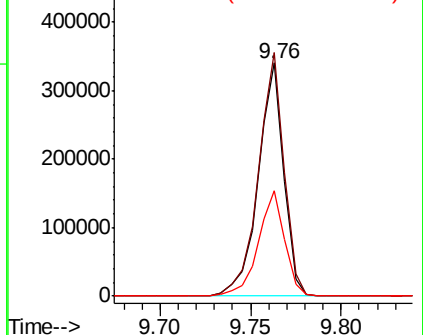


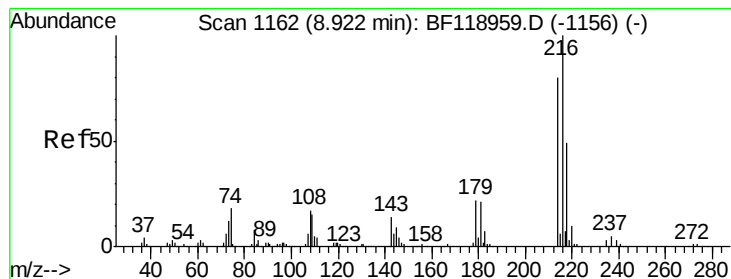
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion:164 Resp: 332829
Ion Ratio Lower Upper
164 100
162 104.4 81.8 122.8
160 45.0 36.0 54.0



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: 37.435 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 420077

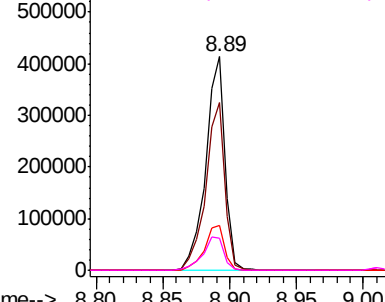
Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.3	94.9
179	21.7	17.7	26.5
108	17.0	13.9	20.9

Abundance Ion 216.00 (215.70 to 216.70): E

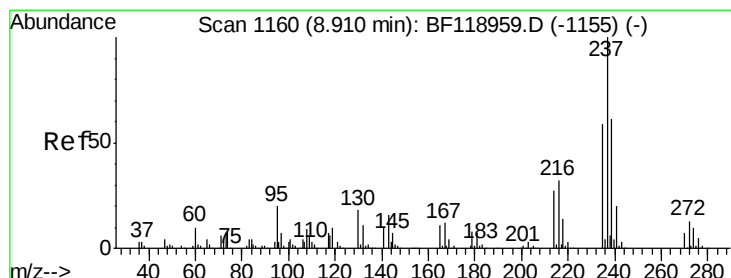
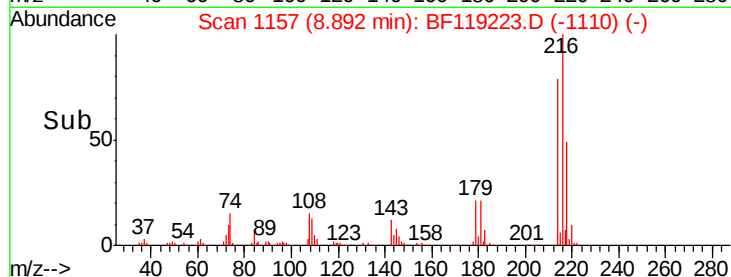
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 8.80 8.85 8.90 8.95 9.00



#41

Hexachlorocyclopentadiene

Concen: 23.403 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

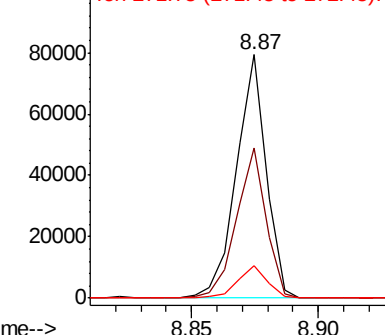
Tgt Ion:237 Resp: 64835

Ion	Ratio	Lower	Upper
237	100		
235	61.6	42.3	82.3
272	13.3	0.0	33.5

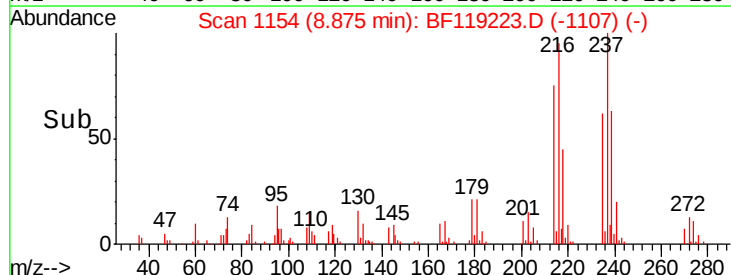
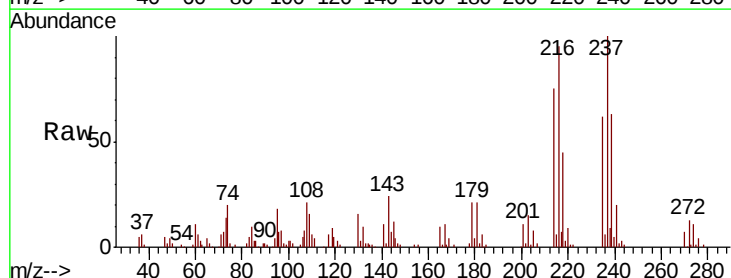
Abundance Ion 236.80 (236.50 to 237.50): E

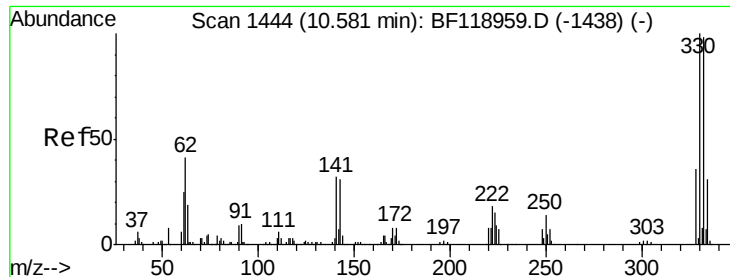
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time--> 8.85 8.90

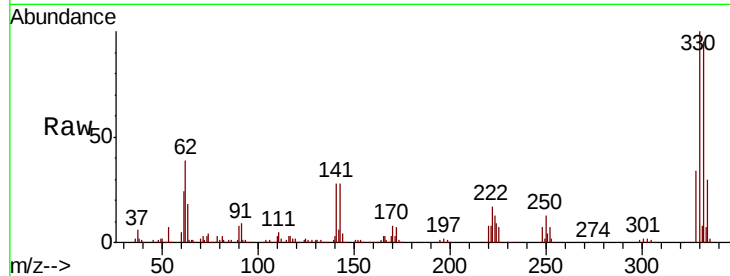




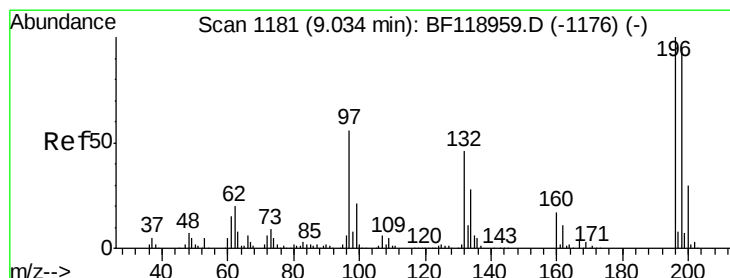
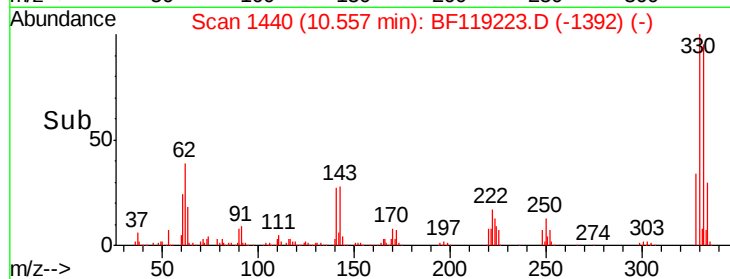
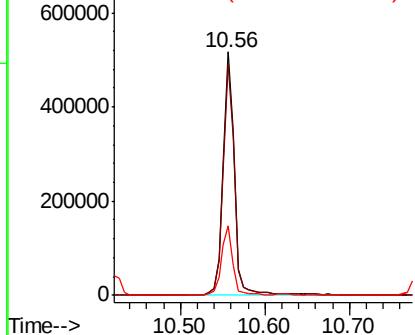
#42
 2,4,6-Tribromophenol
 Concen: 112.723 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF119223.D
 Acq: 5 Mar 2020 20:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 490793
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.0 114.0
 141 28.6 22.9 34.3

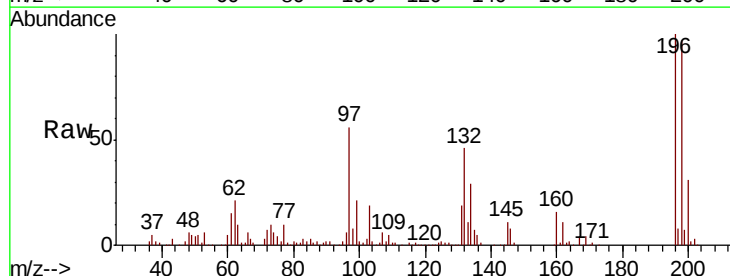


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

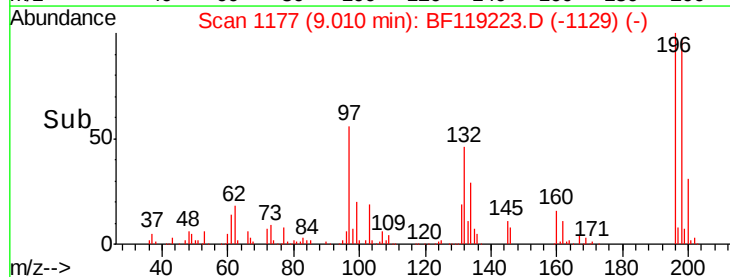
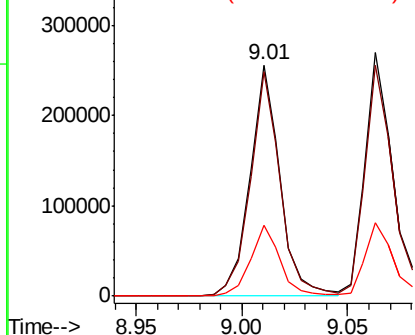


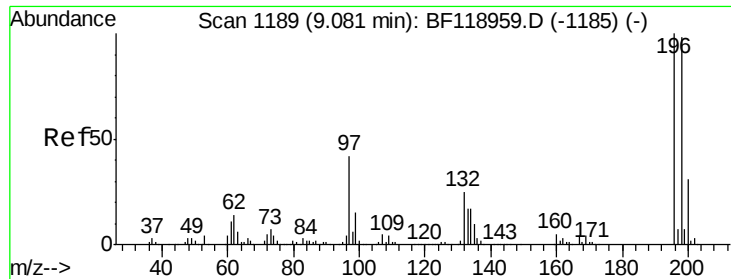
#43
 2,4,6-Trichlorophenol
 Concen: 35.759 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF119223.D
 Acq: 5 Mar 2020 20:33

Tgt Ion:196 Resp: 253404
 Ion Ratio Lower Upper
 196 100
 198 97.2 77.1 115.7
 200 30.6 25.0 37.6



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

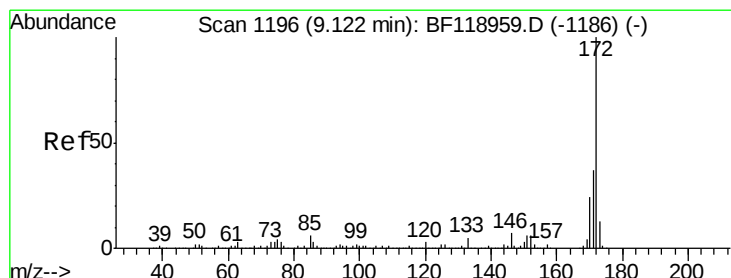
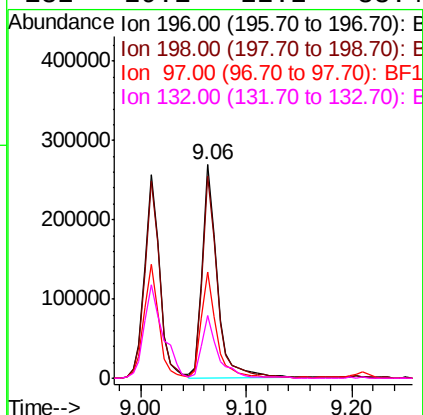
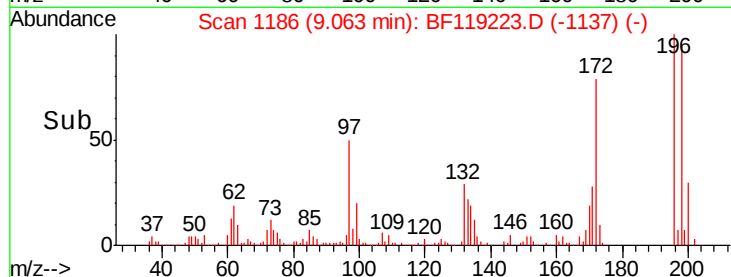
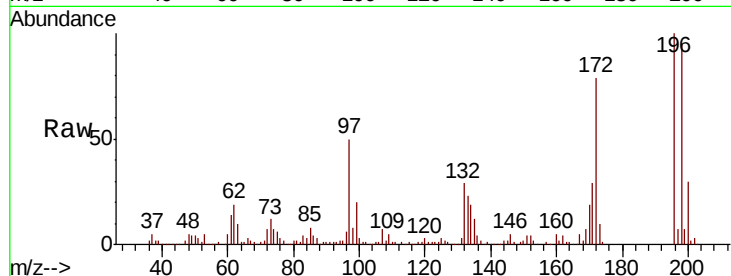




#44
2,4,5-Trichlorophenol
Concen: 35.648 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

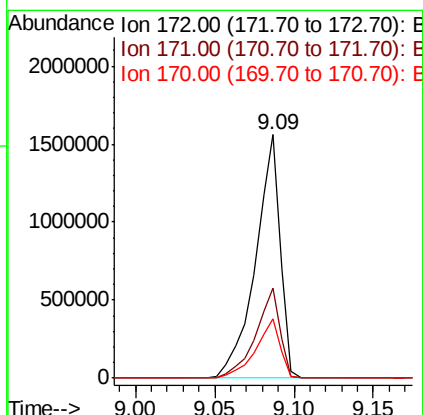
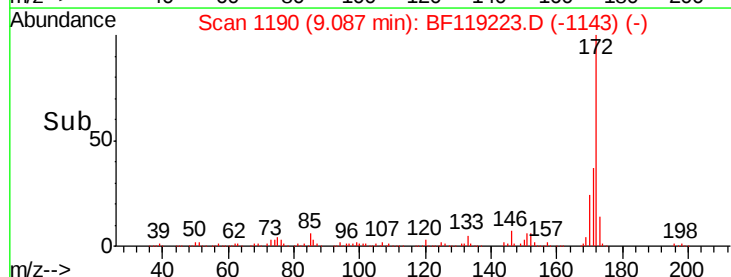
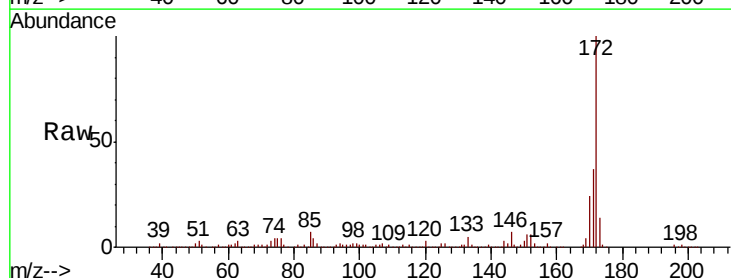
Instrument :
BNA_F
ClientSampleId :

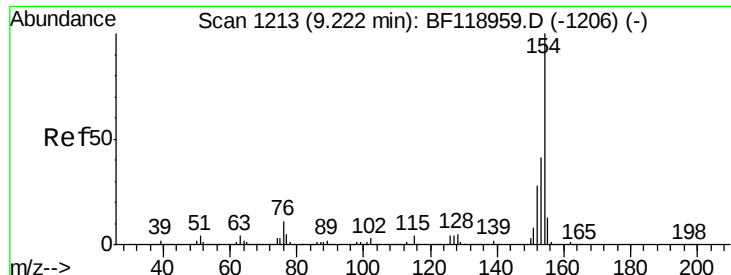
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.8	115.2
97	49.9	38.5	57.7
132	29.1	22.2	33.4



#45
2-Fluorobiphenyl
Concen: 74.861 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	45.8
170	24.5	20.2	30.2



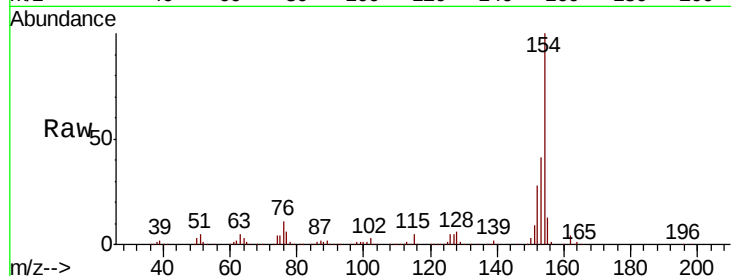


#46
 1,1'-Biphenyl
 Concen: 37.622 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF119223.D
 Acq: 5 Mar 2020 20:33

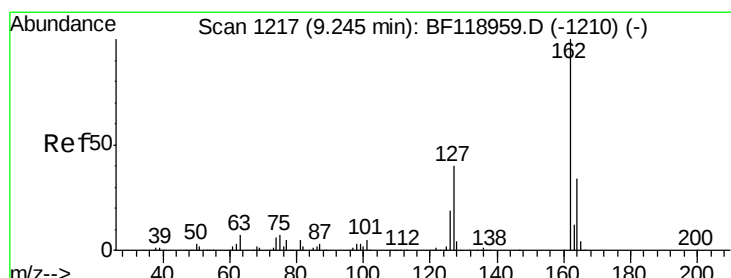
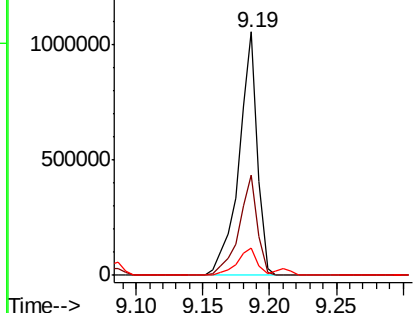
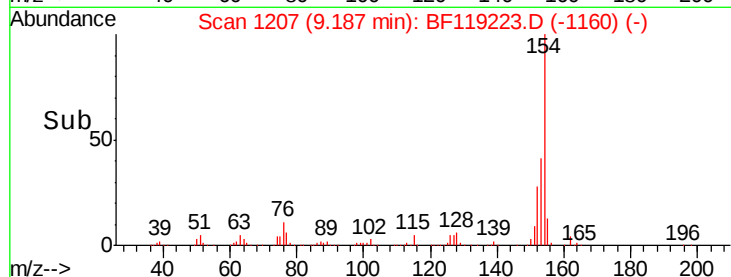
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1012019

Ion	Ratio	Lower	Upper
154	100		
153	41.0	22.8	62.8
76	11.4	0.0	32.2



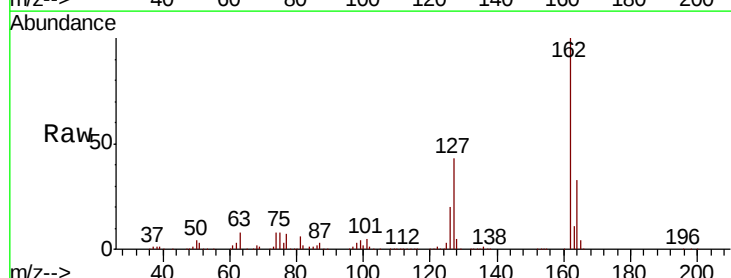
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1



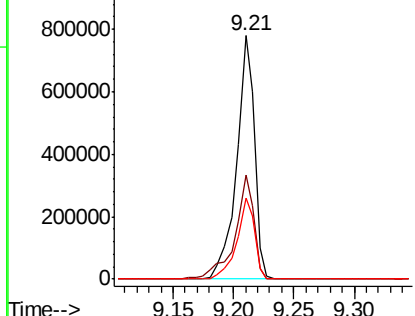
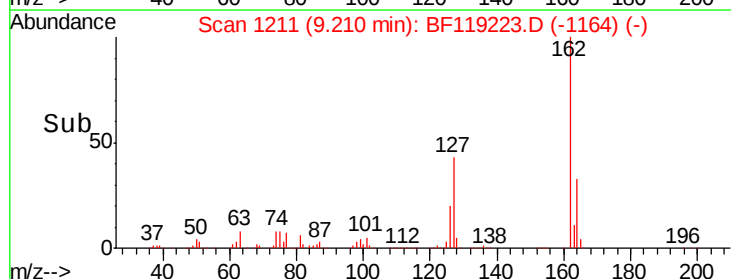
#47
 2-Chloronaphthalene
 Concen: 37.063 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.02 min
 Lab File: BF119223.D
 Acq: 5 Mar 2020 20:33

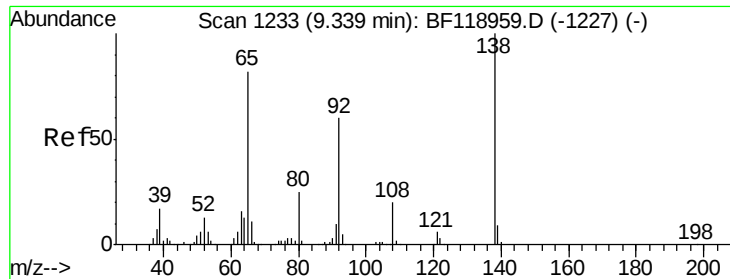
Tgt Ion:162 Resp: 803415

Ion	Ratio	Lower	Upper
162	100		
127	42.7	35.0	52.4
164	33.2	27.2	40.8



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

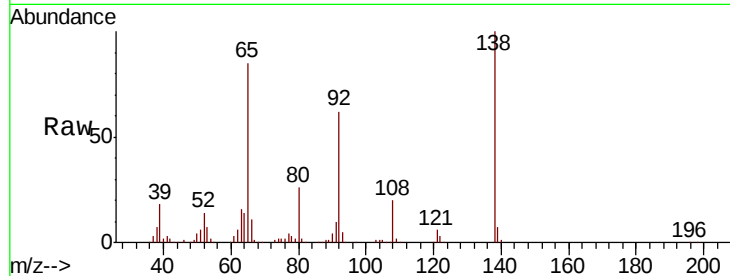




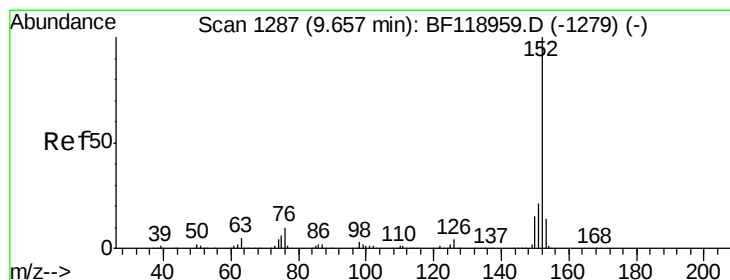
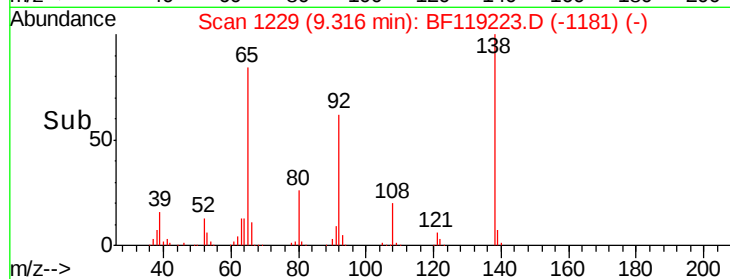
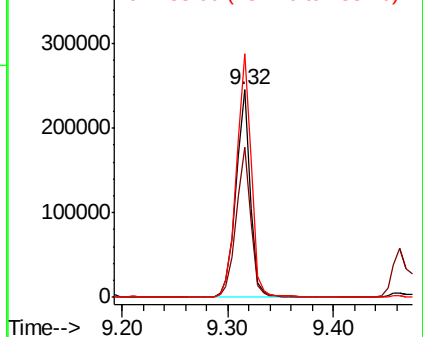
#48
2-Nitroaniline
Concen: 37.896 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 229119
Ion Ratio Lower Upper
65 100
92 72.7 58.2 87.2
138 117.5 95.6 143.4

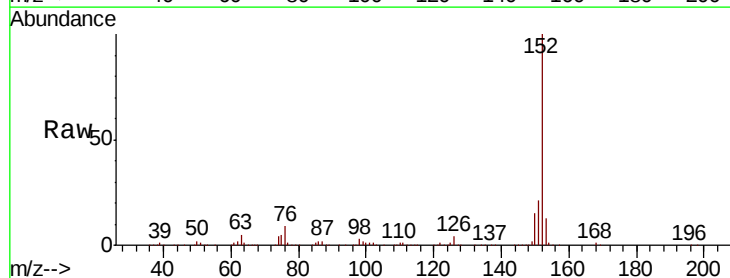


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

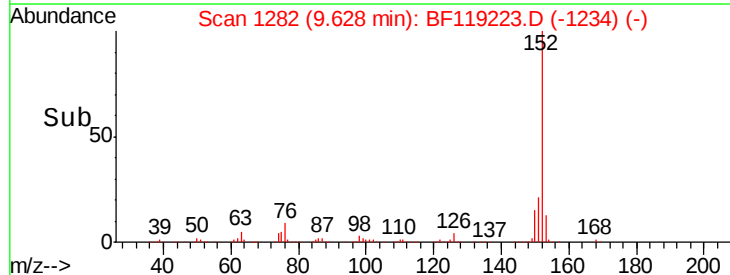
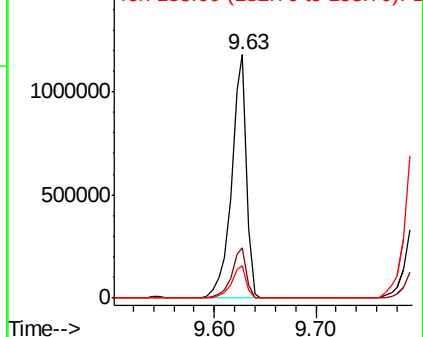


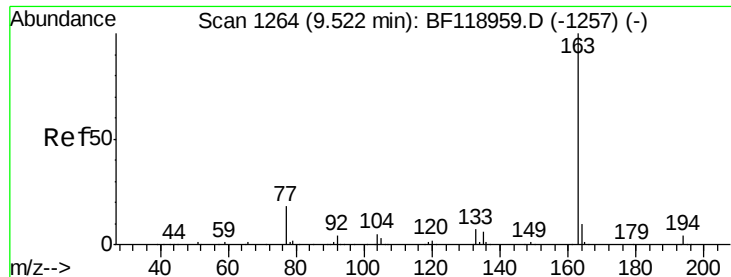
#49
Acenaphthylene
Concen: 38.041 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion: 152 Resp: 1190966
Ion Ratio Lower Upper
152 100
151 20.8 16.9 25.3
153 13.5 11.0 16.6



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

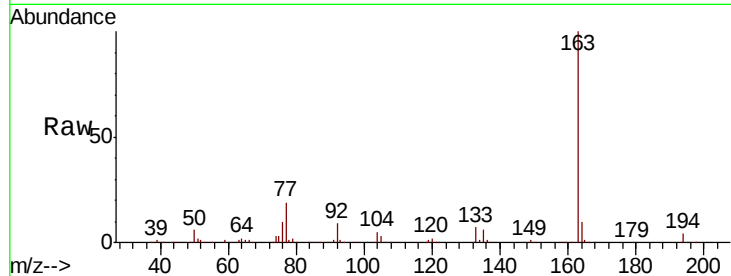




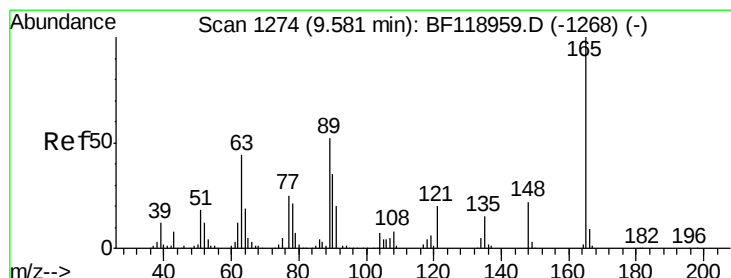
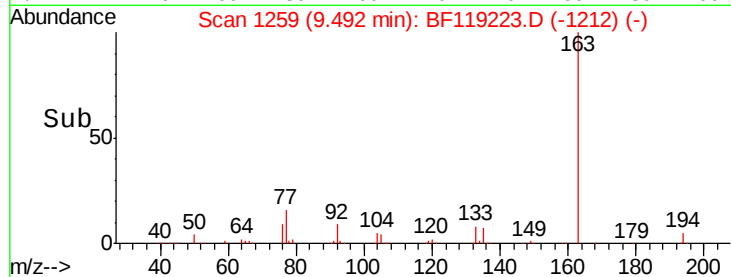
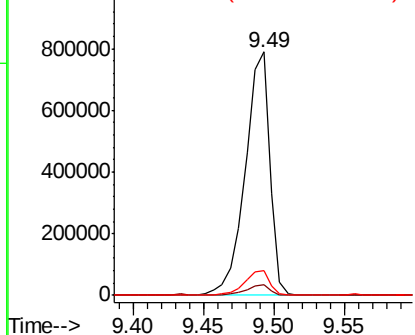
#50
Dimethylphthalate
Concen: 37.790 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 961779
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 9.9 8.4 12.6

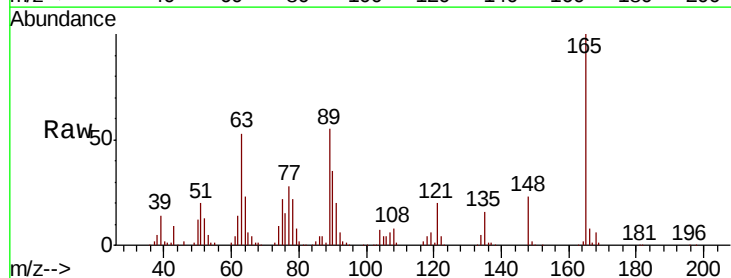


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

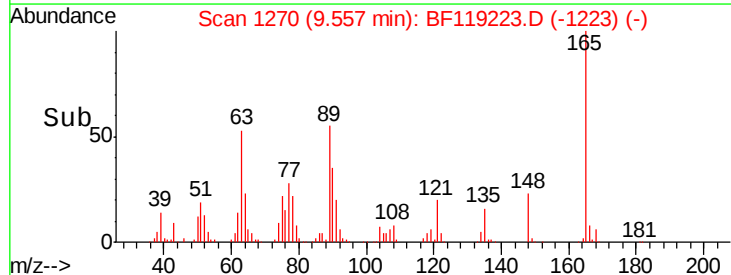
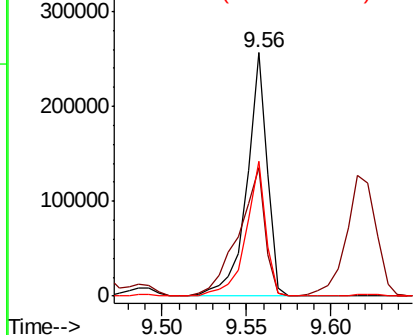


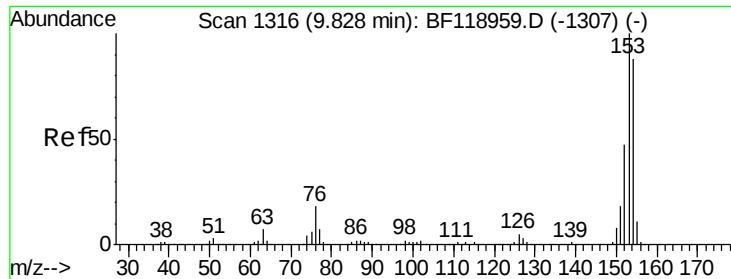
#51
2,6-Dinitrotoluene
Concen: 38.400 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion:165 Resp: 217131
Ion Ratio Lower Upper
165 100
63 53.0 34.3 51.5#
89 55.1 38.3 57.5



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: 38.154 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Instrument :

BNA_F

ClientSampleId :

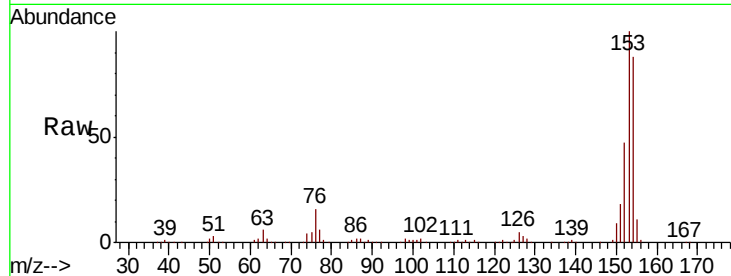
Tot Ion:154 Resp: 720277

Ion Ratio Lower Upper

154 100

153 113.9 90.3 135.5

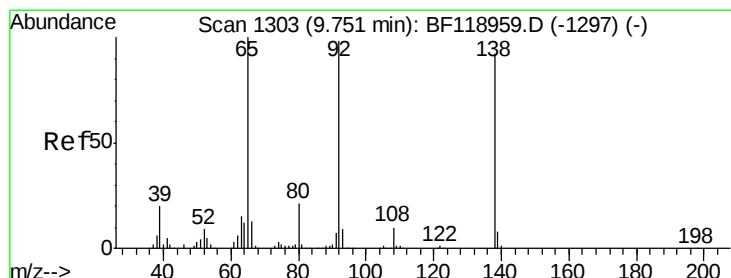
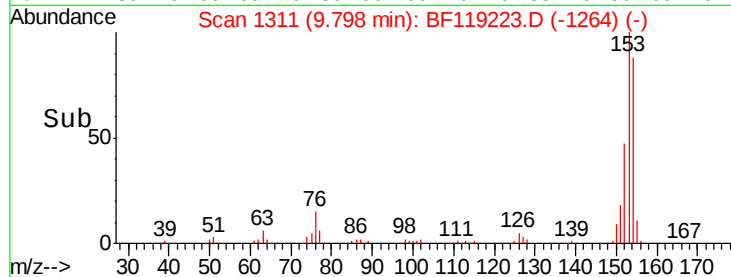
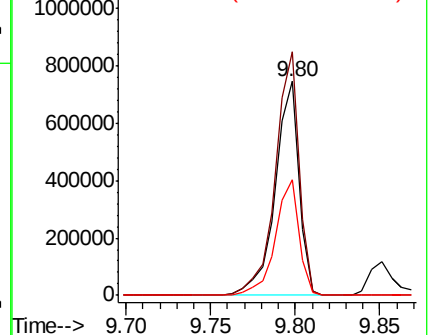
152 54.0 43.8 65.8



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: 21.954 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

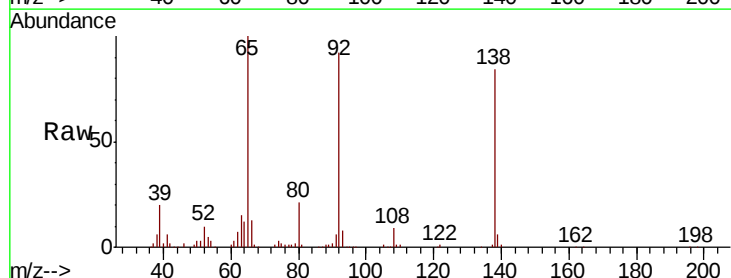
Tgt Ion:138 Resp: 137620

Ion Ratio Lower Upper

138 100

108 11.0 8.8 13.2

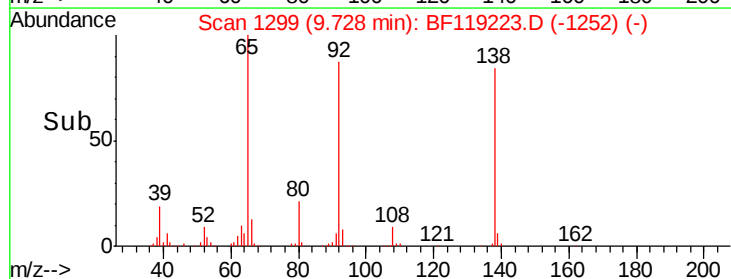
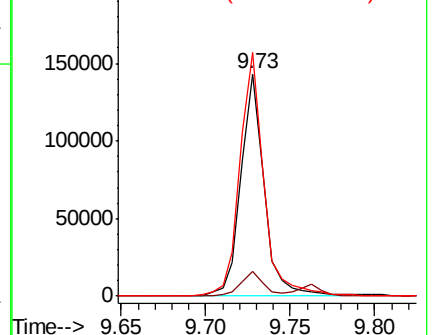
92 109.8 84.8 127.2

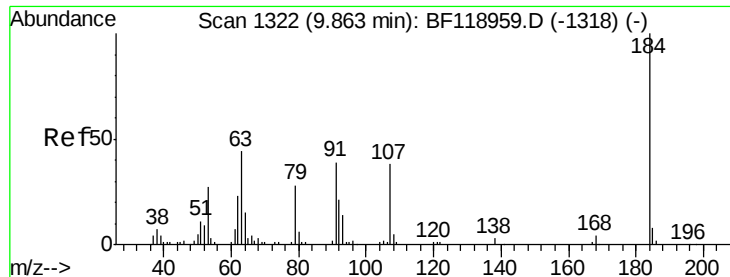


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

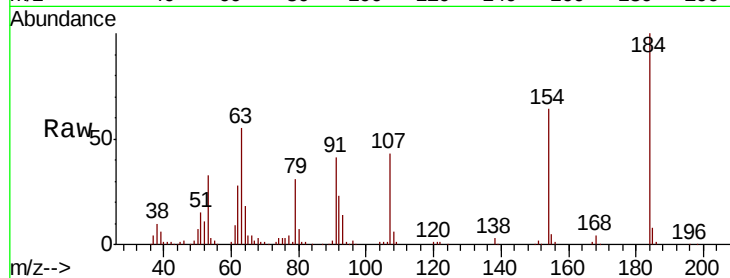




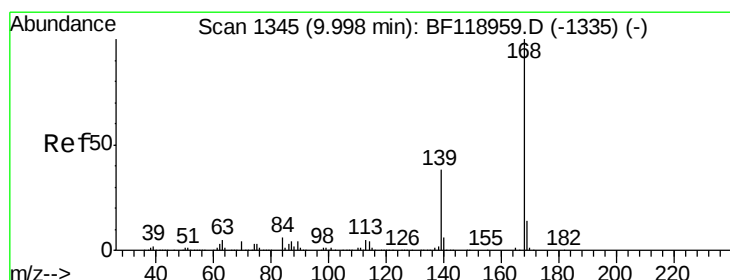
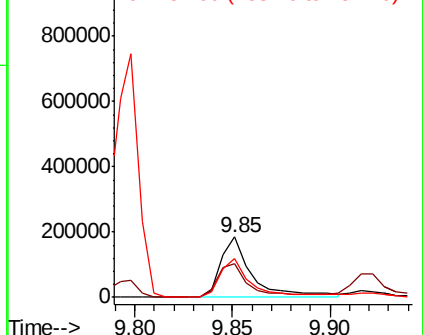
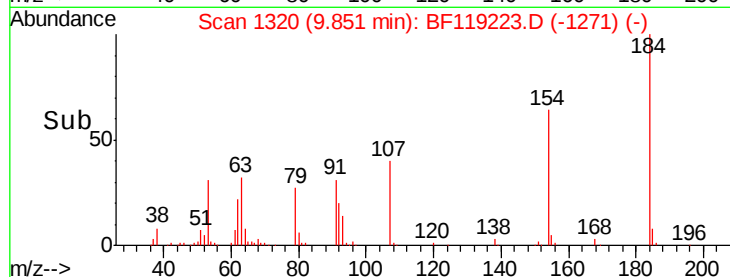
#54
2,4-Dinitrophenol
Concen: 76.015 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 207775
Ion Ratio Lower Upper
184 100
63 55.3 38.7 58.1
154 64.0 49.7 74.5

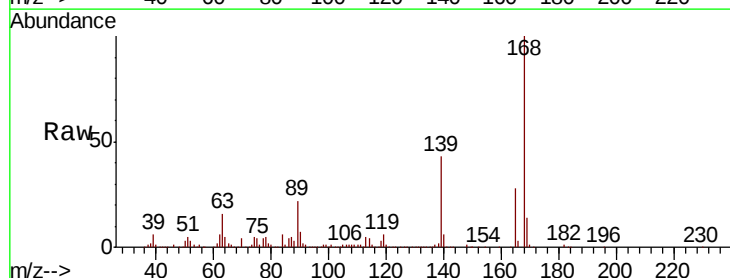


Abundance Ion 184.00 (183.70 to 184.70): E
1000000 Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

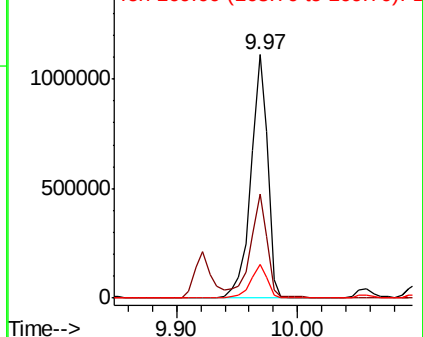
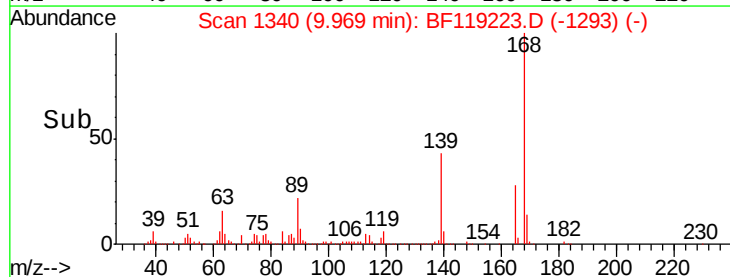


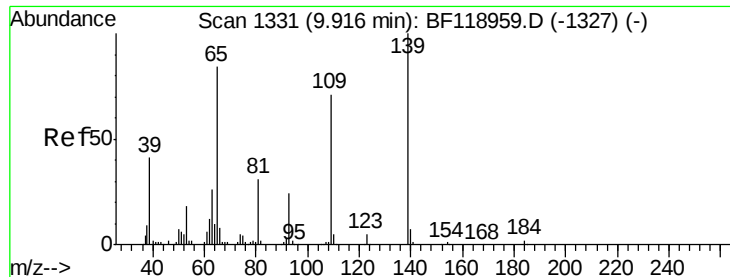
#55
Dibenzofuran
Concen: 38.008 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion:168 Resp: 1070975
Ion Ratio Lower Upper
168 100
139 42.5 34.0 51.0
169 13.8 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E
1500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

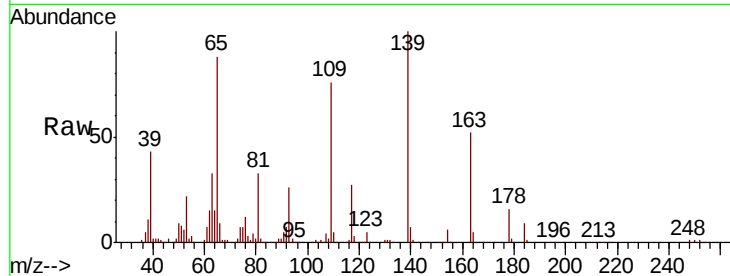




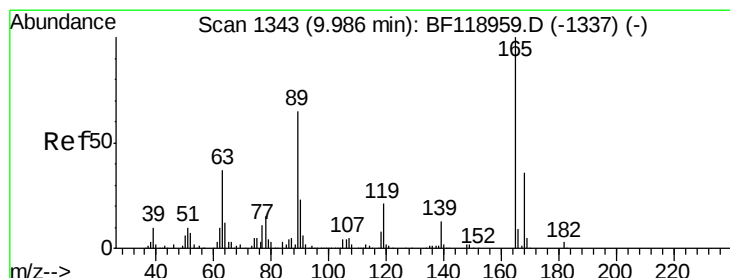
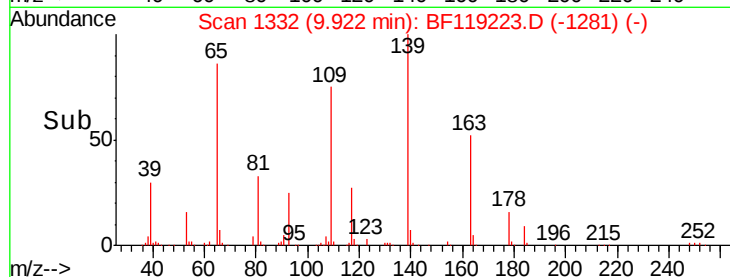
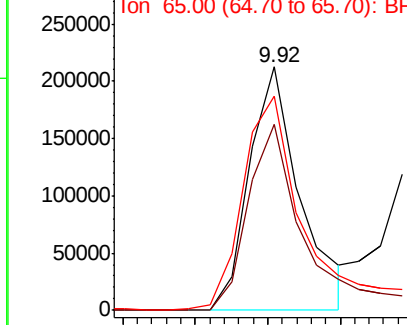
#56
4-Nitrophenol
Concen: 55.063 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 207383
Ion Ratio Lower Upper
139 100
109 76.3 56.7 96.7
65 88.0 65.0 105.0

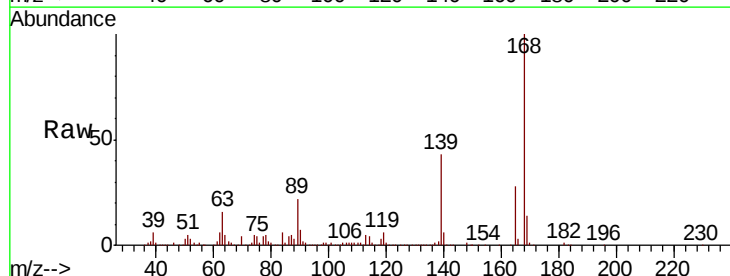


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

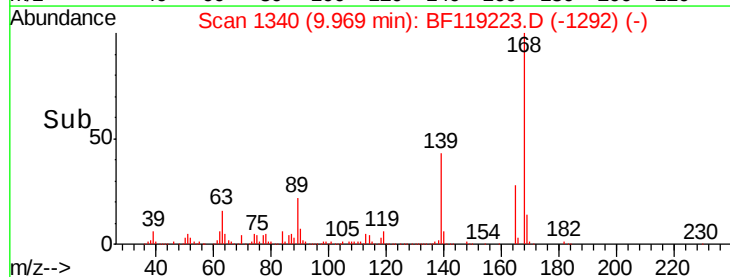
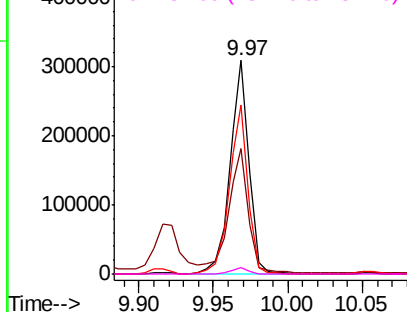


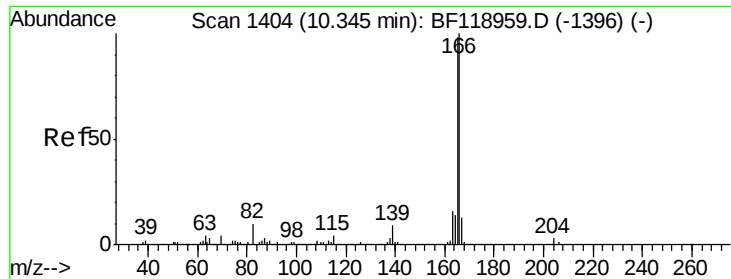
#57
2,4-Dinitrotoluene
Concen: 37.728 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion:165 Resp: 276519
Ion Ratio Lower Upper
165 100
63 58.6 42.3 63.5
89 78.8 60.2 90.4
182 3.0 2.3 3.5



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: 40.271 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Instrument :

BNA_F

ClientSampled :

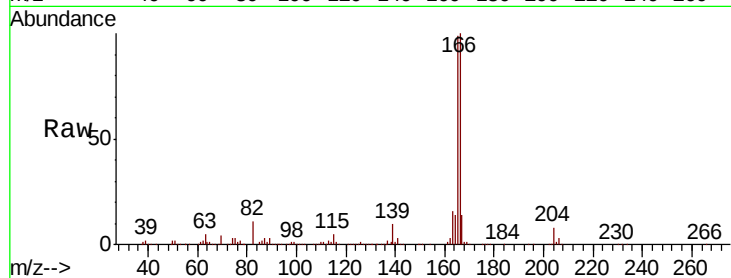
Tot Ion:166 Resp: 881756

Ion Ratio Lower Upper

166 100

165 99.4 78.5 117.7

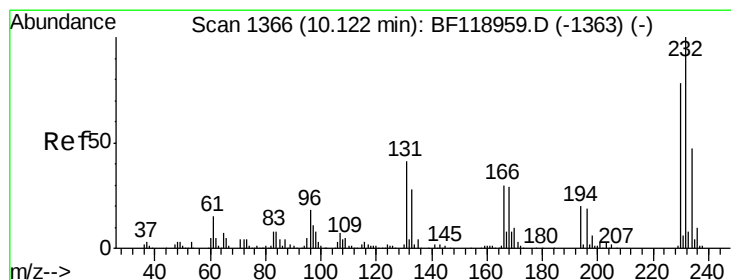
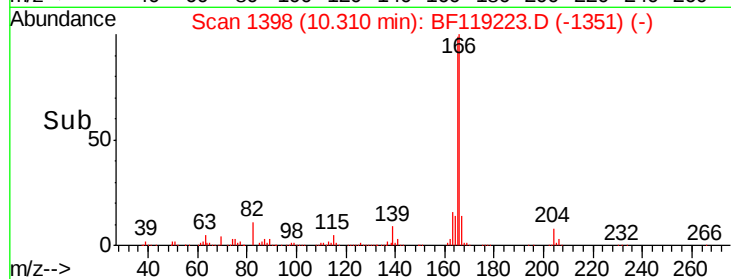
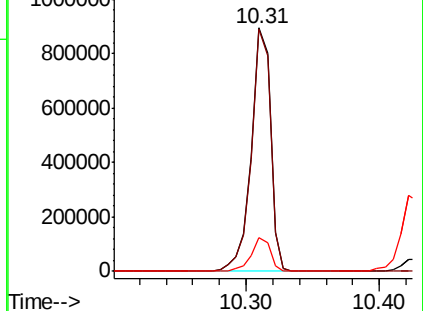
167 13.6 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 38.506 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Tgt Ion:232 Resp: 241608

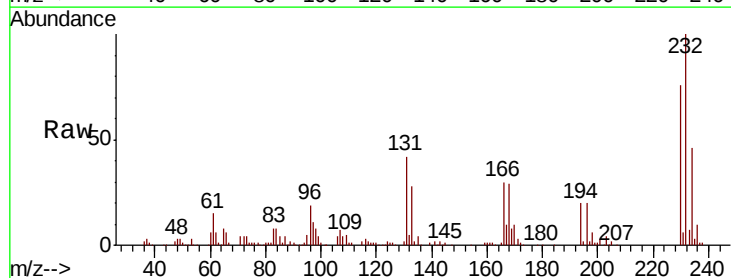
Ion Ratio Lower Upper

232 100

131 40.6 33.8 50.8

130 2.4 1.8 2.6

166 27.8 23.0 34.4

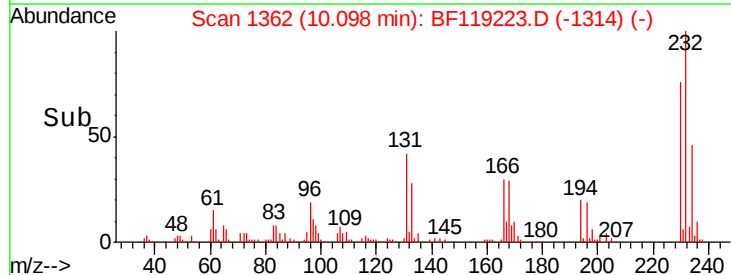
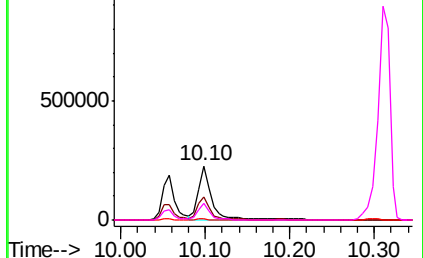


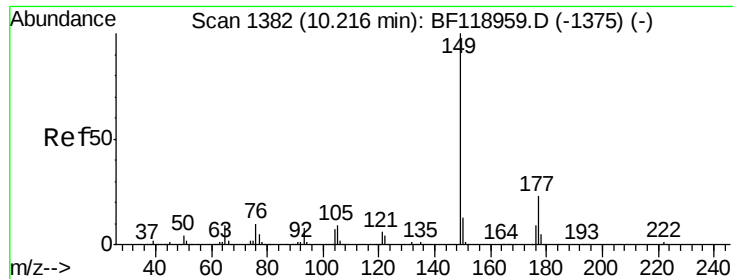
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

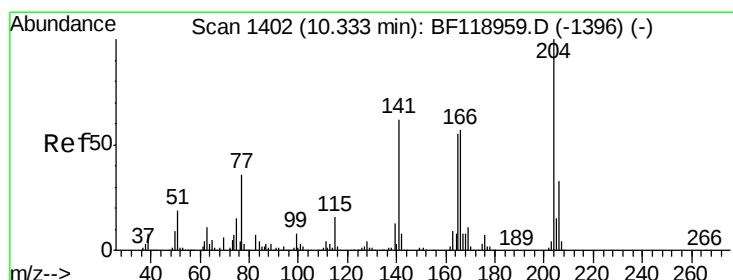
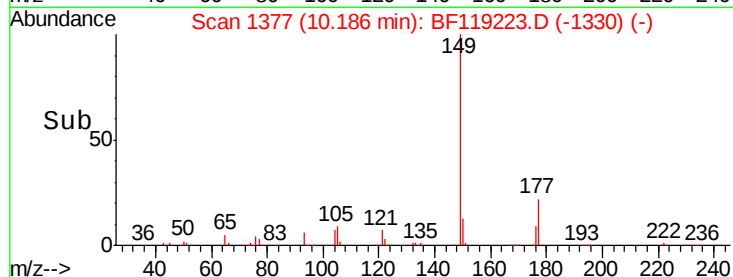
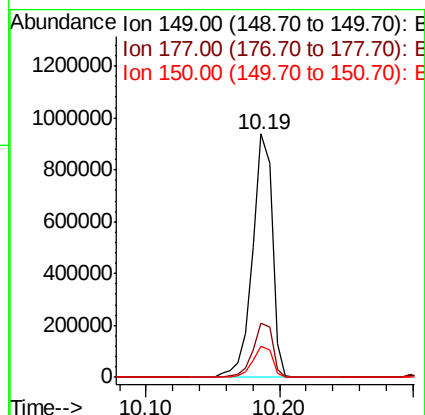
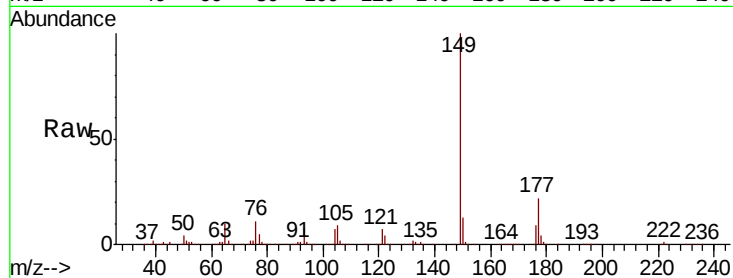




#60
Diethylphthalate
Concen: 39.342 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

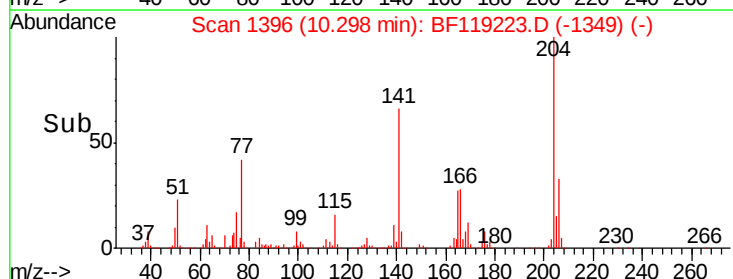
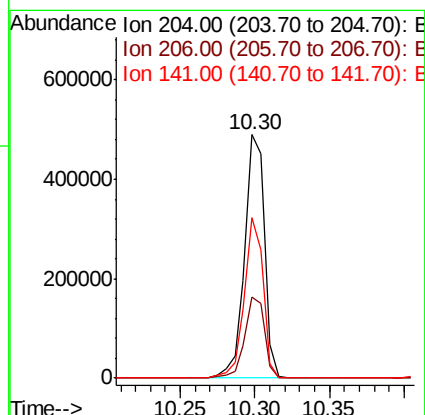
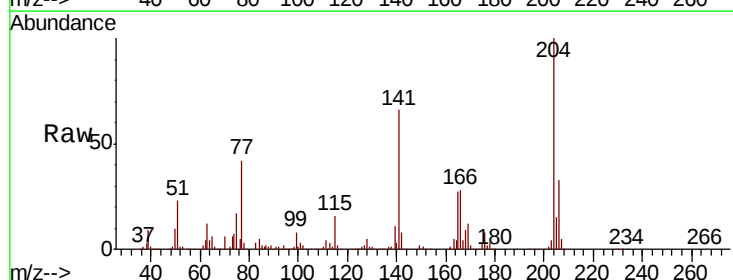
Instrument :
BNA_F
ClientSampleId :

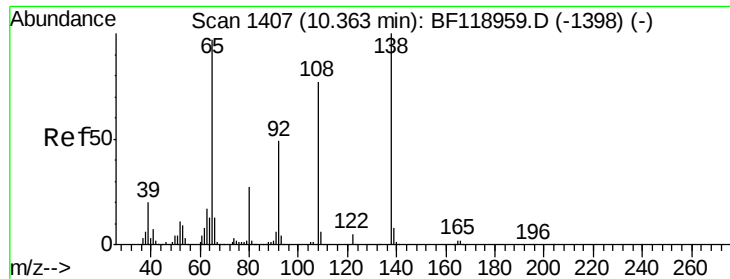
Tot Ion:149 Resp: 943595
Ion Ratio Lower Upper
149 100
177 22.0 18.2 27.2
150 12.9 10.5 15.7



#61
4-Chlorophenyl-phenylether
Concen: 39.134 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion:204 Resp: 453549
Ion Ratio Lower Upper
204 100
206 33.3 27.1 40.7
141 66.0 52.9 79.3

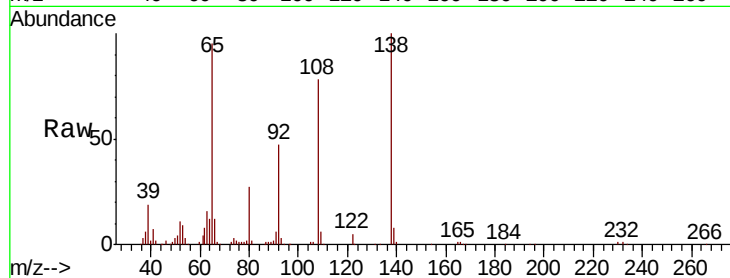




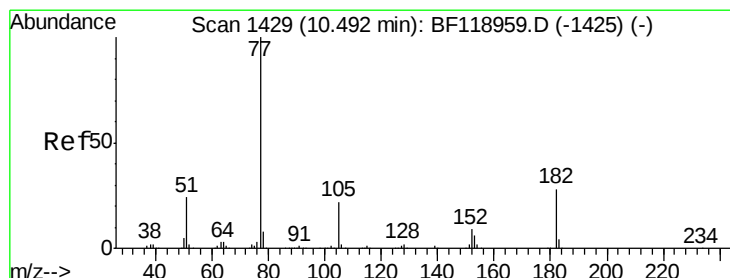
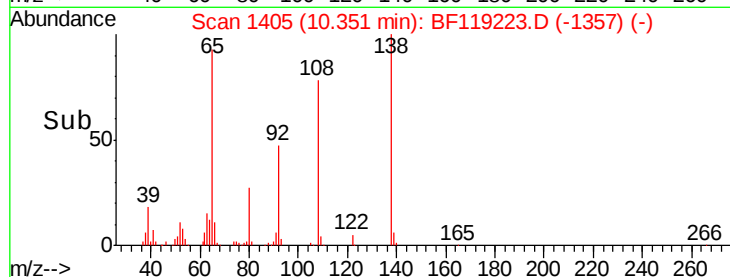
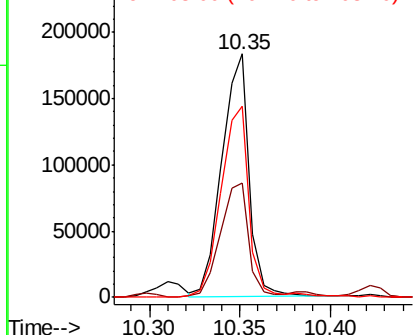
#62
4-Nitroaniline
Concen: 29.705 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 190513
Ion Ratio Lower Upper
138 100
92 47.1 27.3 67.3
108 78.4 57.0 97.0

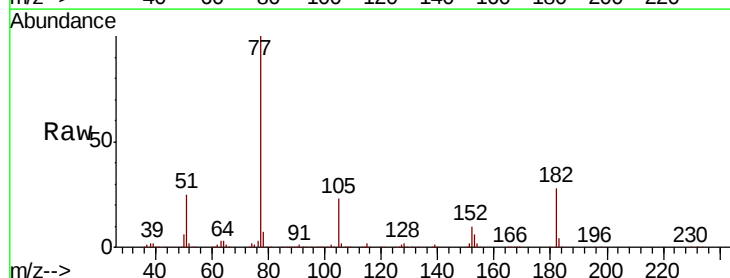


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

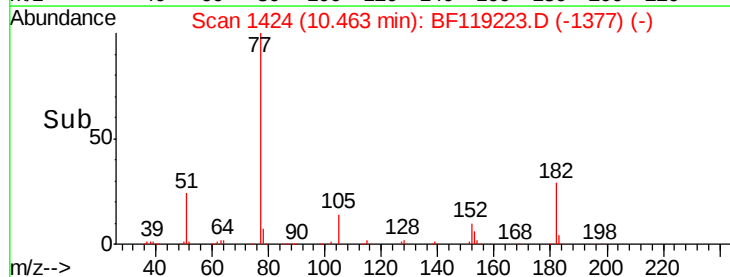
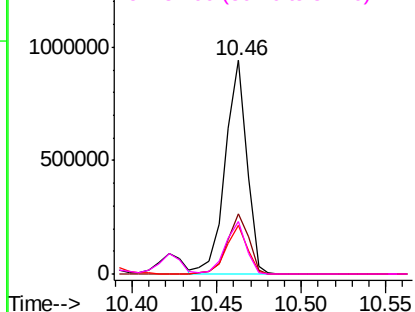


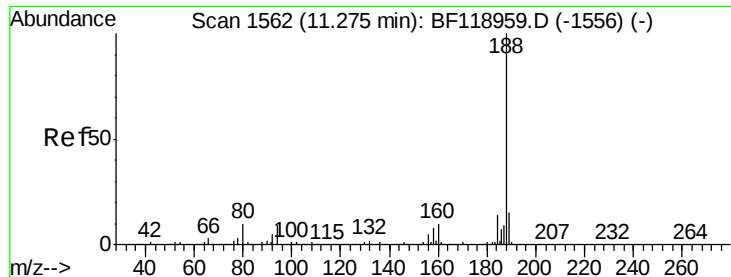
#63
Azobenzene
Concen: 39.805 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion: 77 Resp: 829823
Ion Ratio Lower Upper
77 100
182 28.0 11.4 51.4
105 22.5 3.4 43.4
51 24.8 5.1 45.1



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

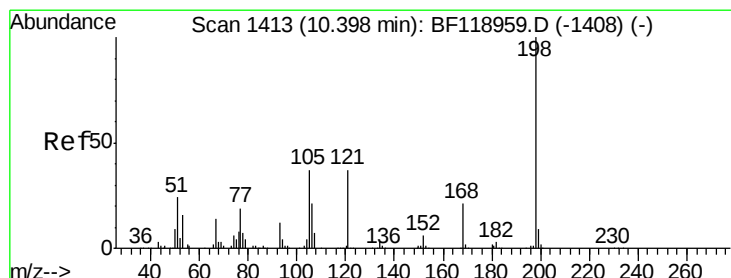
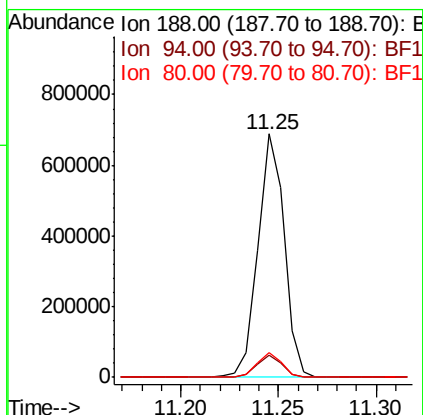
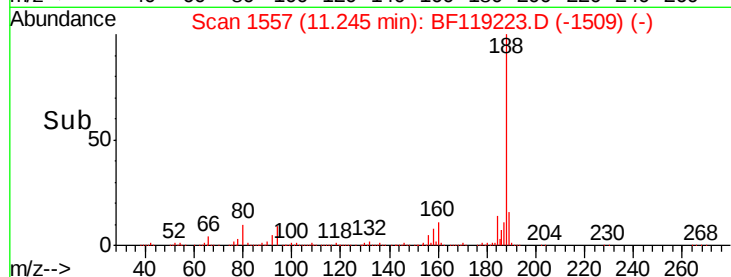
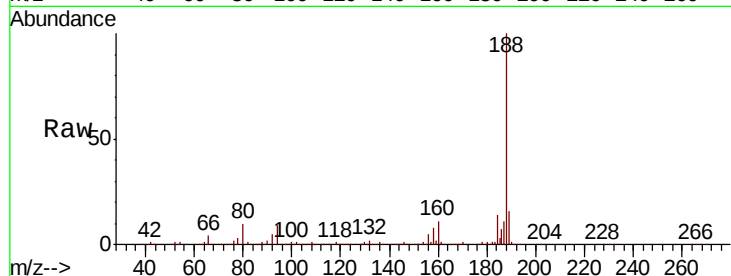




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

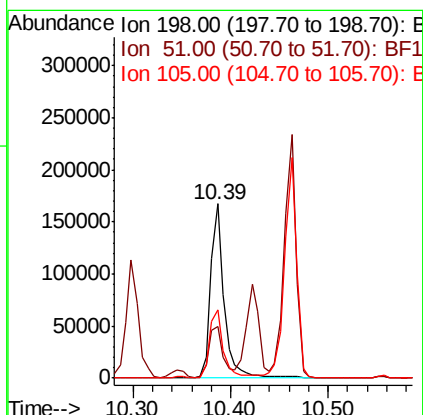
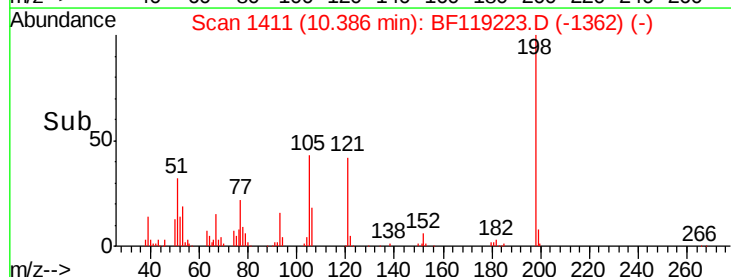
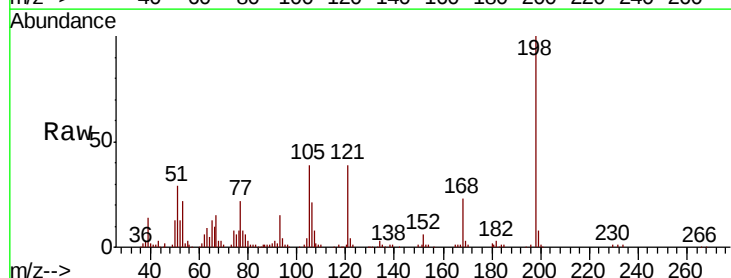
Instrument :
BNA_F
ClientSampleId :

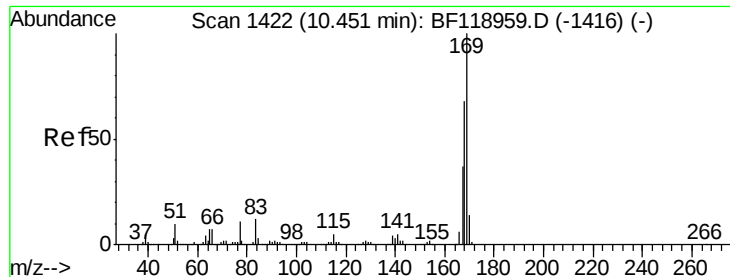
Tot Ion:188 Resp: 643702
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 10.1 7.8 11.8



#65
4,6-Dinitro-2-methylphenol
Concen: 41.496 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion:198 Resp: 161633
Ion Ratio Lower Upper
198 100
51 29.5 14.2 54.2
105 39.4 22.7 62.7

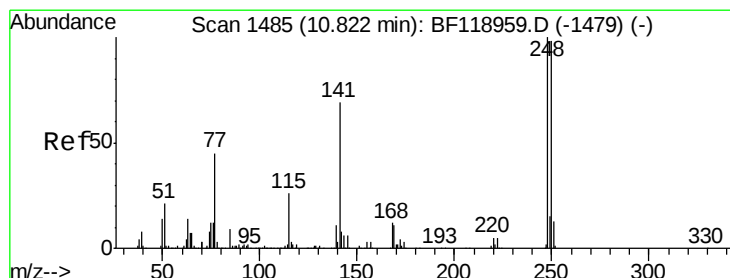
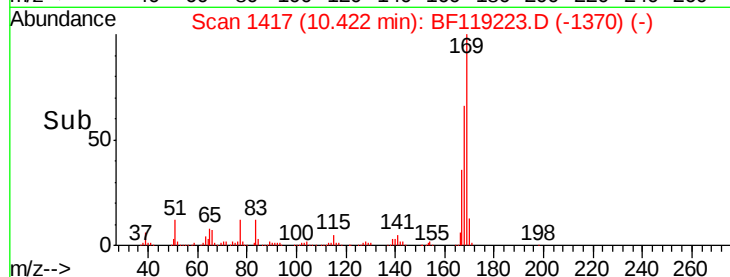
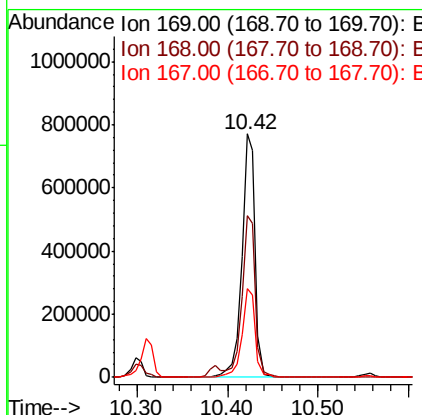
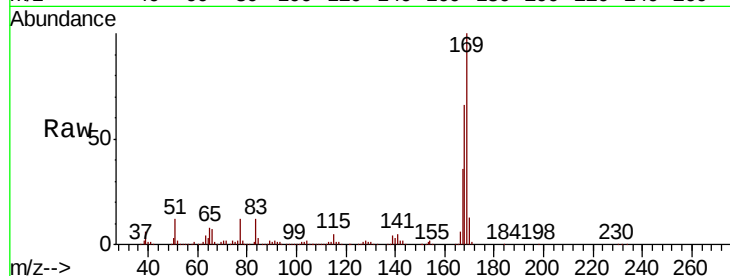




#66
 n-Nitrosodiphenylamine
 Concen: 37.347 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.02 min
 Lab File: BF119223.D
 Acq: 5 Mar 2020 20:33

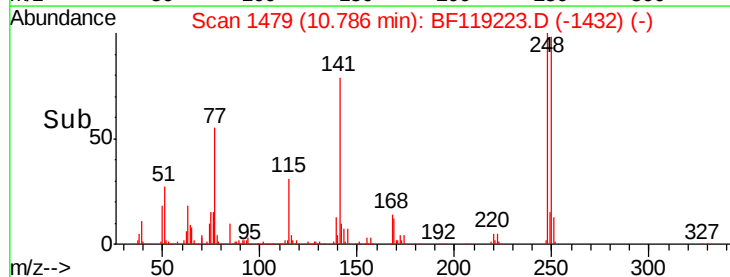
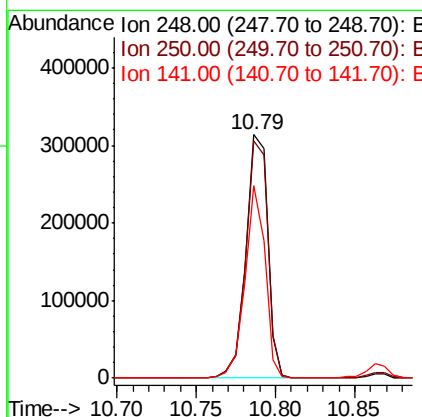
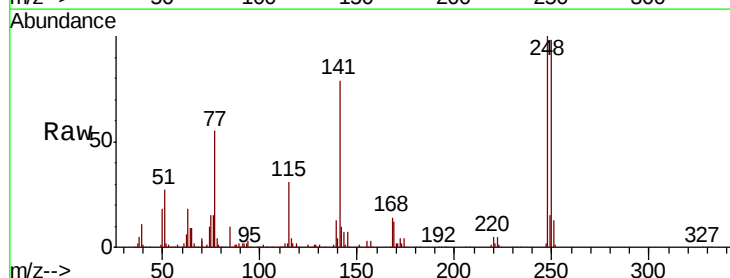
Instrument :
 BNA_F
 ClientSampleId :

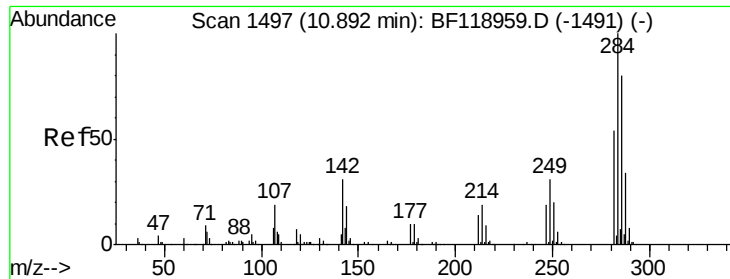
Tot Ion:169 Resp: 787162
 Ion Ratio Lower Upper
 169 100
 168 66.3 54.1 81.1
 167 36.2 29.4 44.0



#67
 4-Bromophenyl-phenylether
 Concen: 35.726 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.02 min
 Lab File: BF119223.D
 Acq: 5 Mar 2020 20:33

Tgt Ion:248 Resp: 300596
 Ion Ratio Lower Upper
 248 100
 250 97.5 76.7 115.1
 141 79.0 60.7 91.1

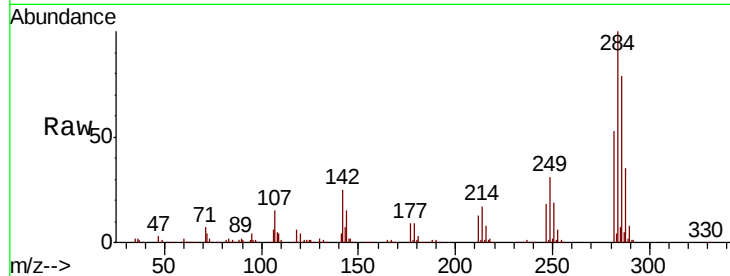




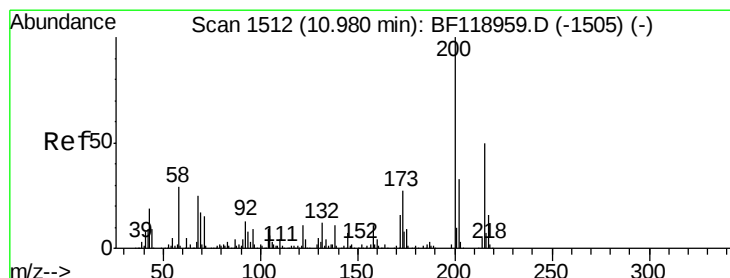
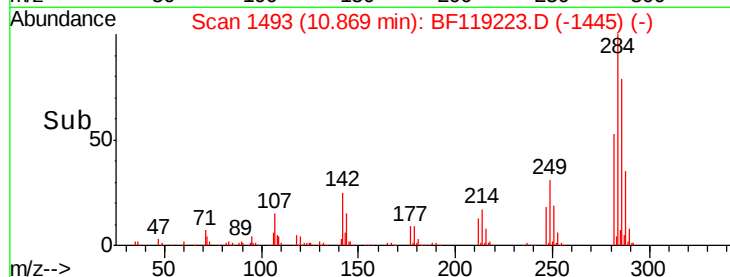
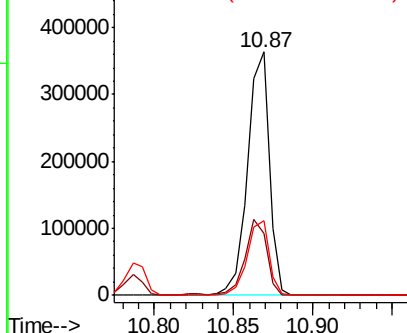
#68
Hexachlorobenzene
Concen: 35.656 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 345899
Ion Ratio Lower Upper
284 100
142 25.4 23.7 35.5
249 30.5 25.0 37.6

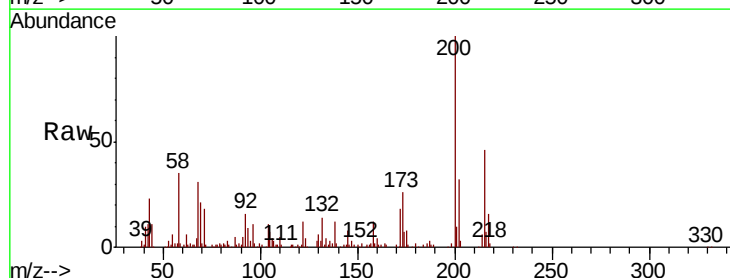


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

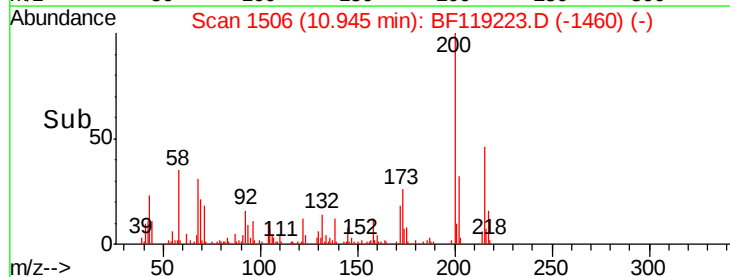
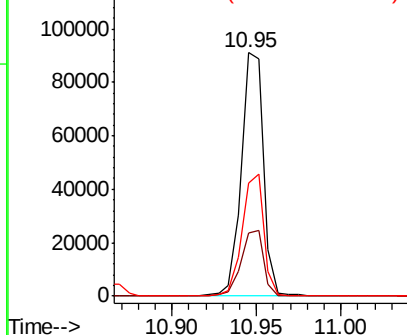


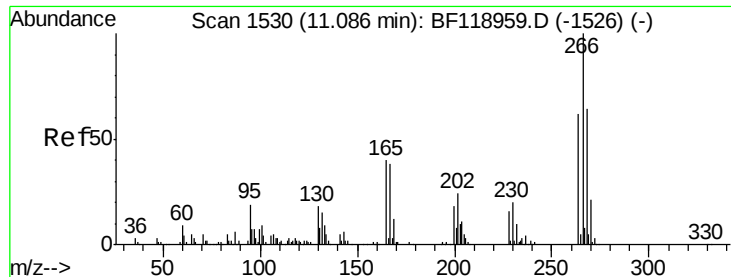
#69
Atrazine
Concen: 11.334 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.03 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion:200 Resp: 83468
Ion Ratio Lower Upper
200 100
173 25.8 6.4 46.4
215 46.4 27.4 67.4



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

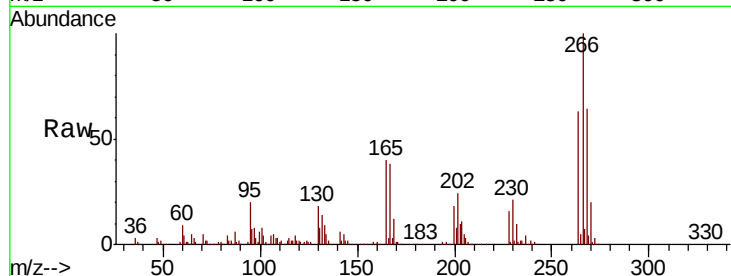




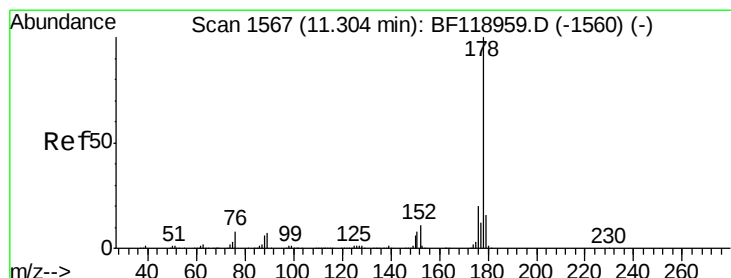
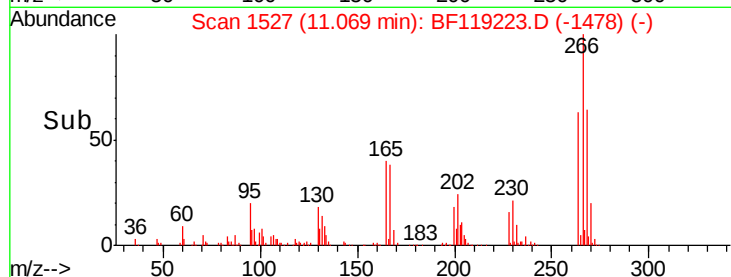
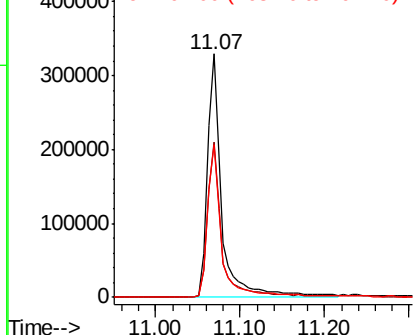
#70
 Pentachlorophenol
 Concen: 100.354 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BF119223.D
 Acq: 5 Mar 2020 20:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 392158
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.9 77.9
 264 62.7 51.0 76.4

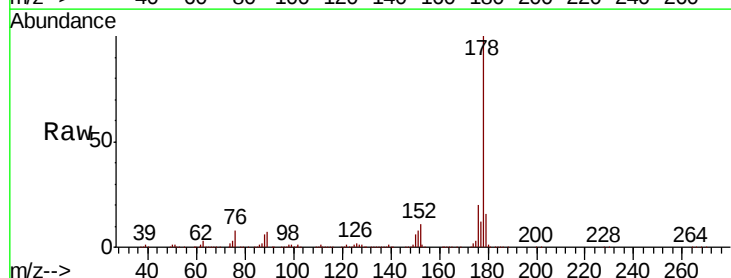


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

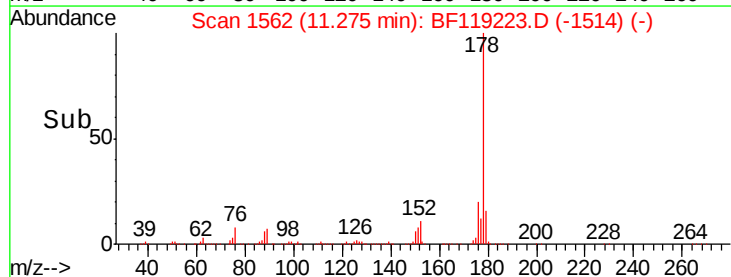
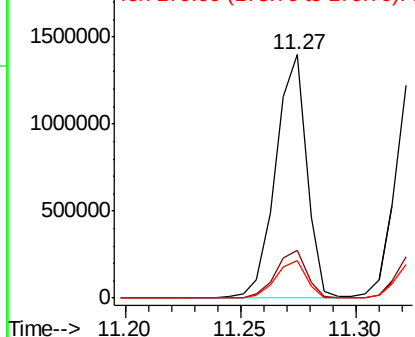


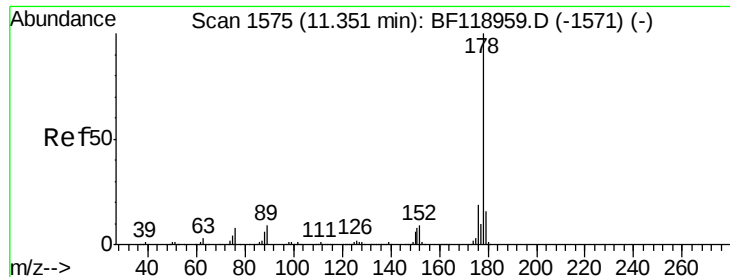
#71
 Phenanthrene
 Concen: 37.170 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.02 min
 Lab File: BF119223.D
 Acq: 5 Mar 2020 20:33

Tgt Ion:178 Resp: 1304828
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.5 24.7
 179 15.6 13.0 19.6



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





#72

Anthracene

Concen: 36.374 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

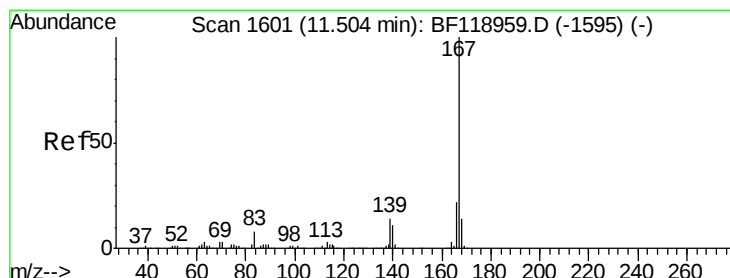
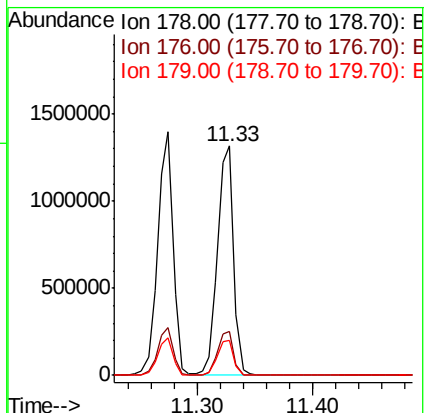
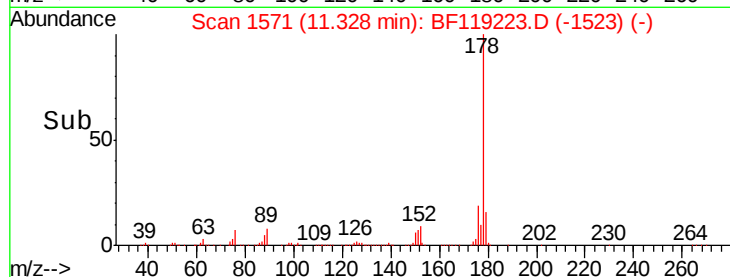
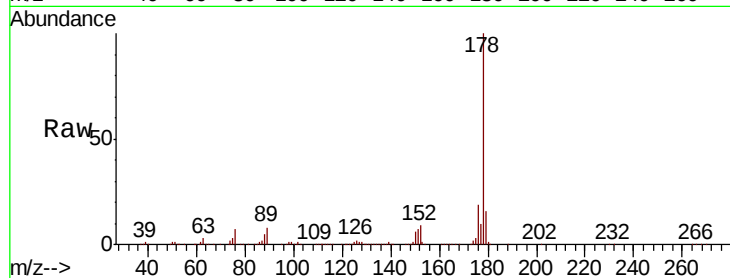
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1275830

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.0	24.0
179	15.5	13.1	19.7



#73

Carbazole

Concen: 36.812 ng

RT: 11.48 min Scan# 1597

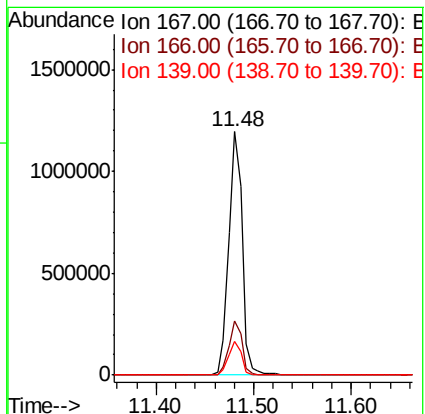
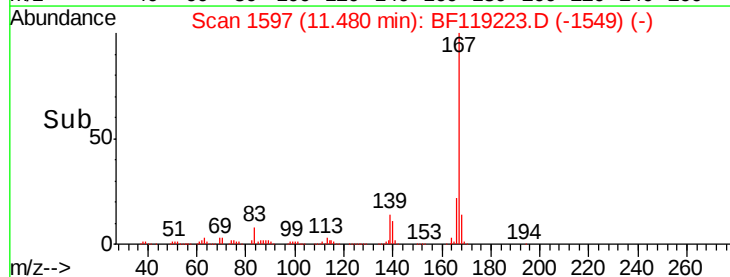
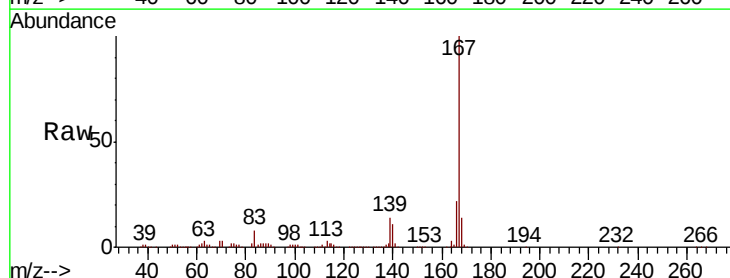
Delta R.T. -0.02 min

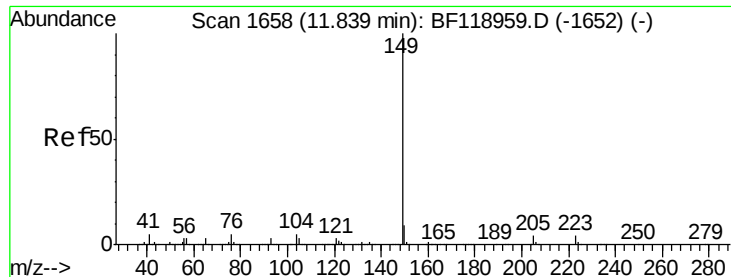
Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Tgt Ion:167 Resp: 1150289

Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.4
139	13.9	11.7	17.5





#74

Di-n-butylphthalate

Concen: 37.475 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Instrument :

BNA_F

ClientSampleId :

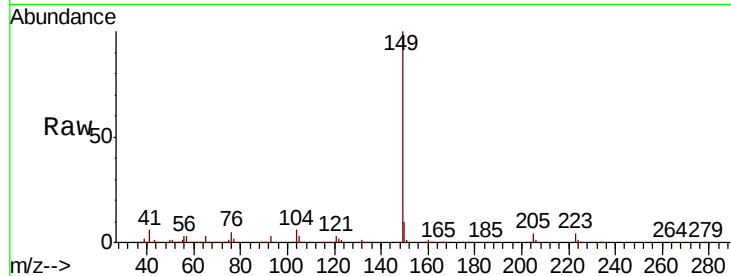
Tot Ion:149 Resp: 1418100

Ion Ratio Lower Upper

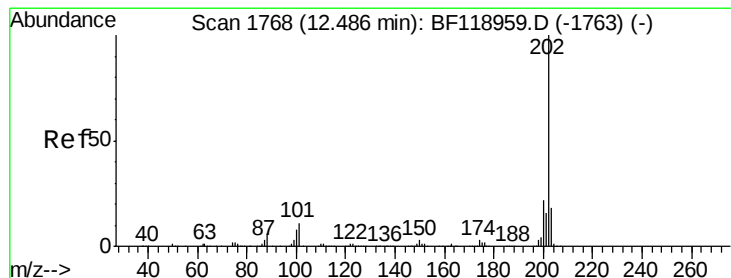
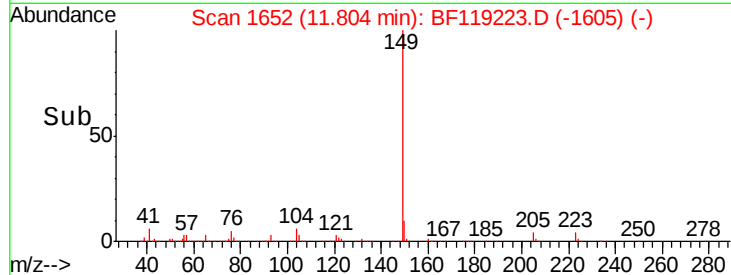
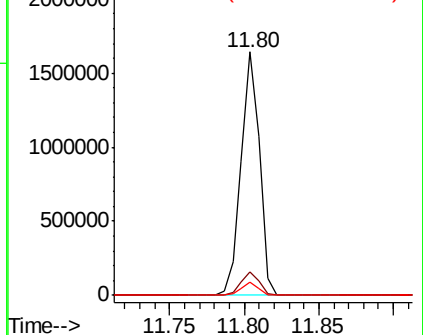
149 100

150 9.8 7.9 11.9

104 5.5 4.6 6.8



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



#75

Fluoranthene

Concen: 36.312 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

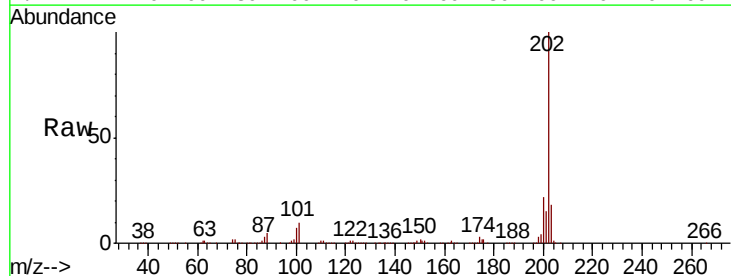
Tgt Ion:202 Resp: 1353081

Ion Ratio Lower Upper

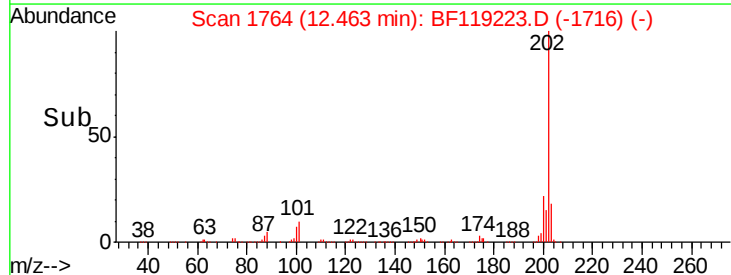
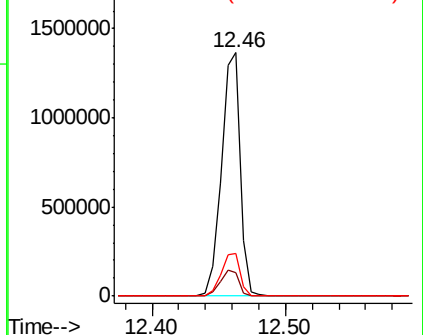
202 100

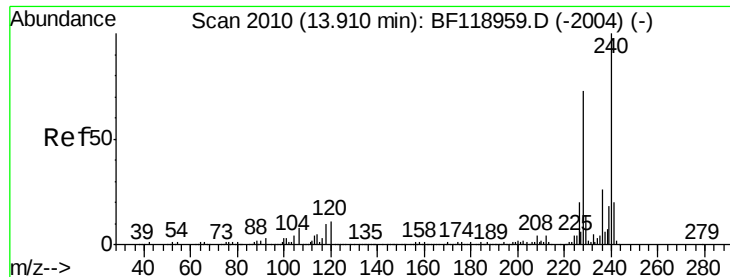
101 9.6 0.0 30.3

203 17.7 0.0 38.4



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

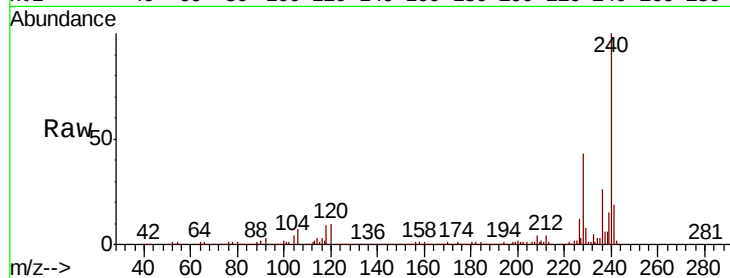




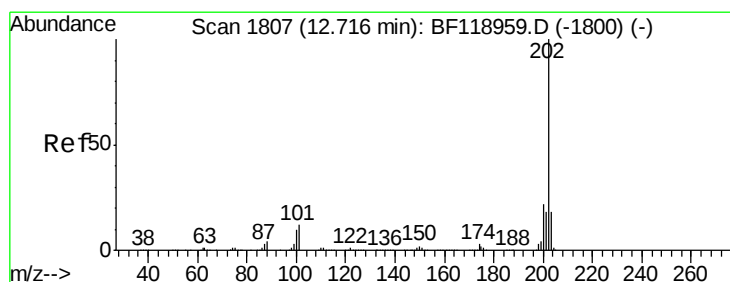
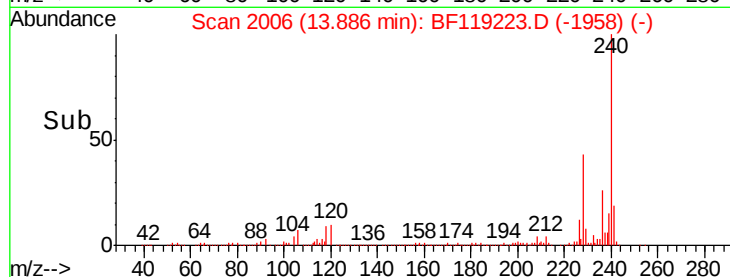
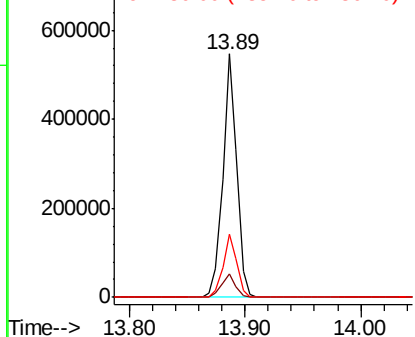
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 455948
Ion Ratio Lower Upper
240 100
120 9.7 8.4 12.6
236 26.0 21.0 31.4

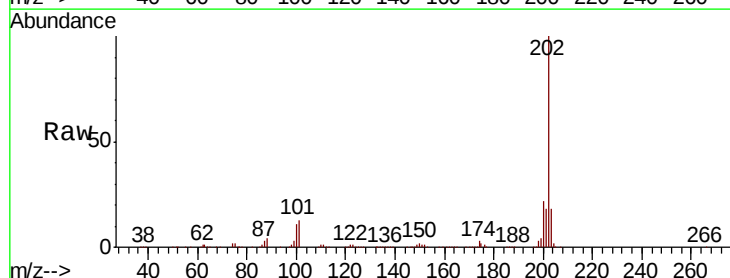


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

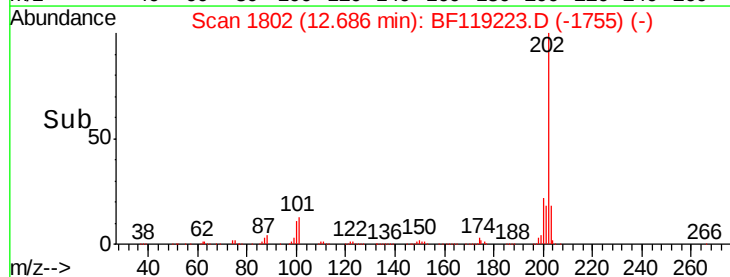
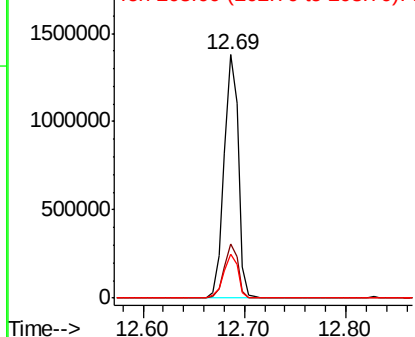


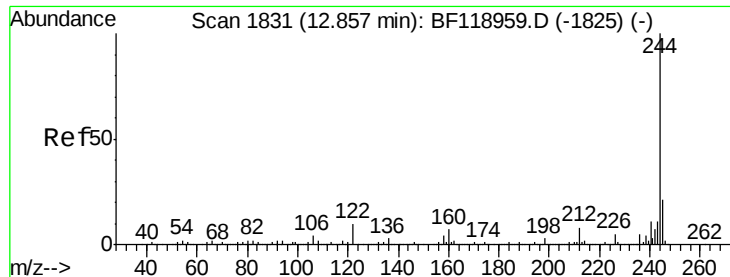
#78
Pyrene
Concen: 36.752 ng
RT: 12.69 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion:202 Resp: 1345578
Ion Ratio Lower Upper
202 100
200 22.0 18.0 27.0
203 18.2 14.6 22.0



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



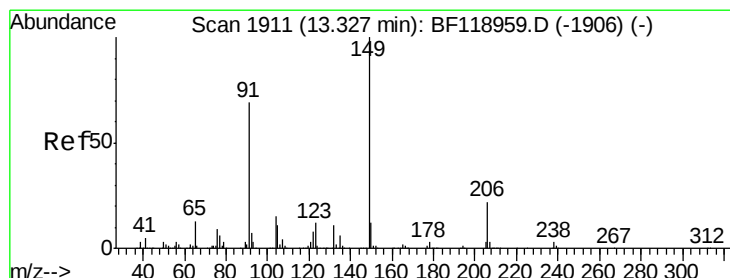
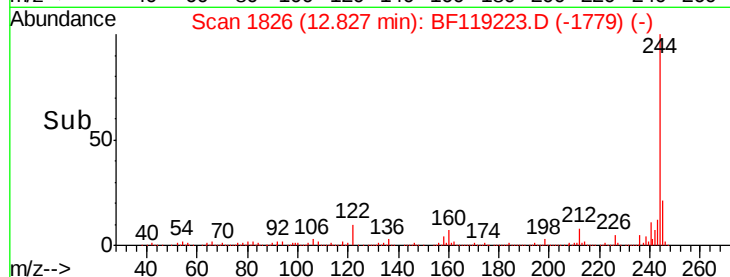
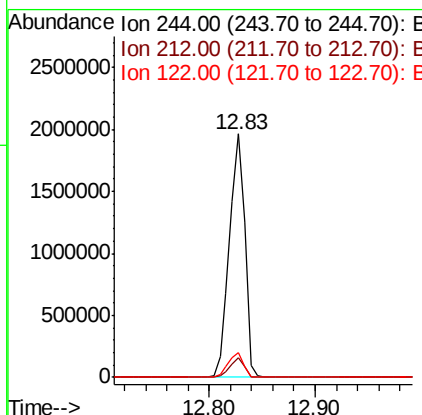
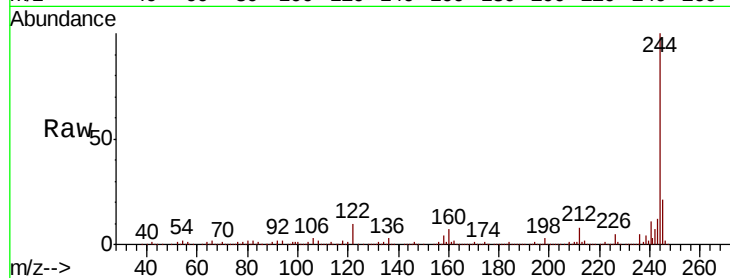


#79
 Terphenyl-d14
 Concen: 75.043 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF119223.D
 Acq: 5 Mar 2020 20:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1987357

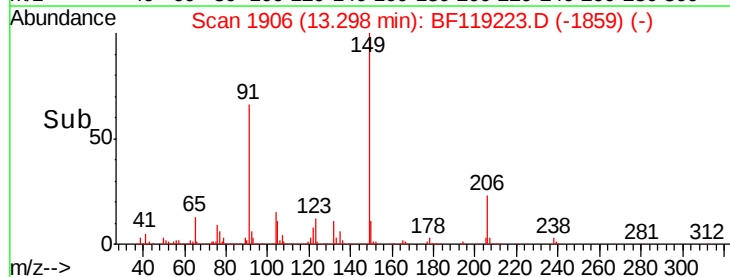
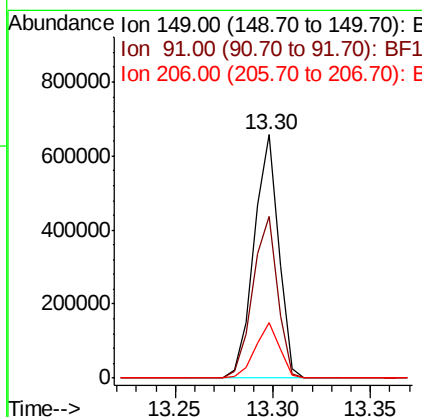
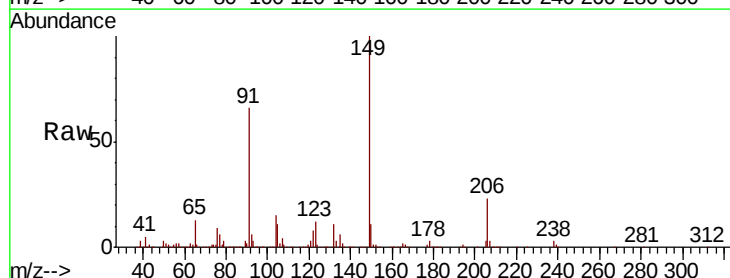
Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.6	10.0
122	10.2	8.2	12.2

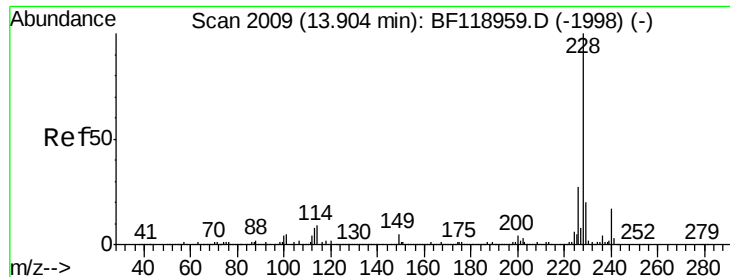


#80
 Butylbenzylphthalate
 Concen: 37.266 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. -0.02 min
 Lab File: BF119223.D
 Acq: 5 Mar 2020 20:33

Tgt Ion:149 Resp: 574233

Ion	Ratio	Lower	Upper
149	100		
91	66.2	52.3	78.5
206	22.5	18.5	27.7





#81

Benzo(a)anthracene

Concen: 33.944 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Instrument :

BNA_F

ClientSampleId :

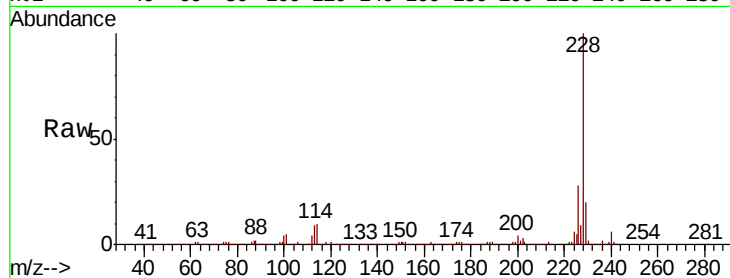
Tot Ion:228 Resp: 1054533

Ion Ratio Lower Upper

228 100

226 27.8 22.6 33.8

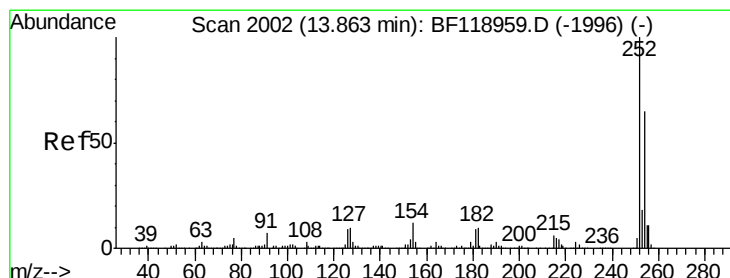
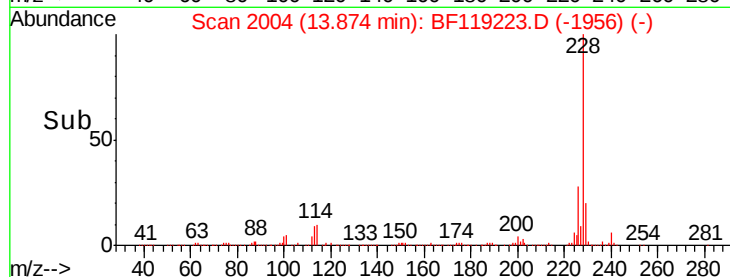
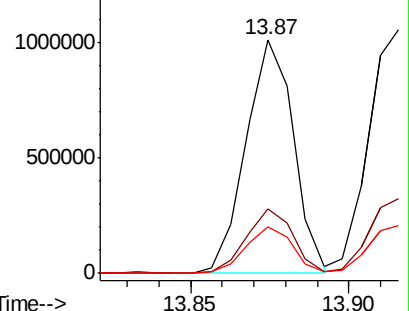
229 20.0 16.6 24.8



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: 21.605 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

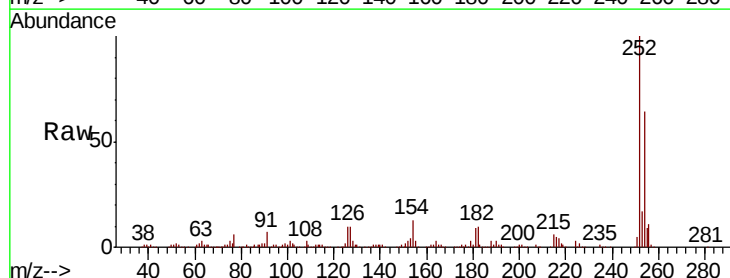
Tgt Ion:252 Resp: 260626

Ion Ratio Lower Upper

252 100

254 64.0 51.6 77.4

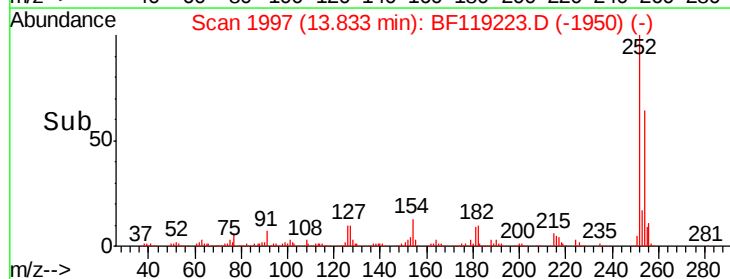
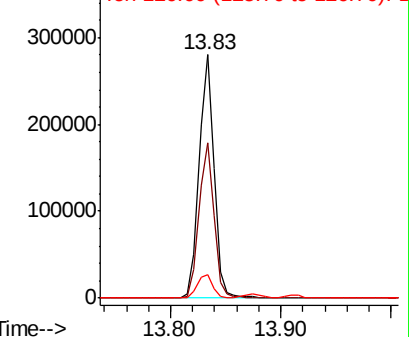
126 9.7 7.4 11.0

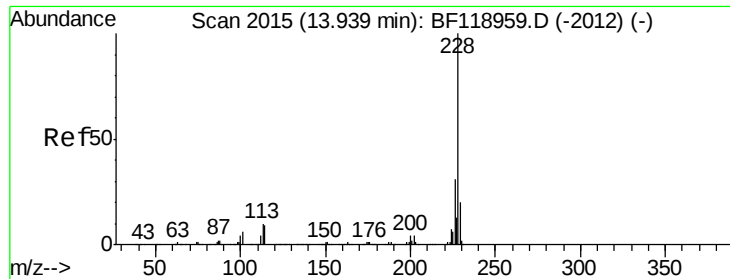


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 32.004 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Instrument :

BNA_F

ClientSampled :

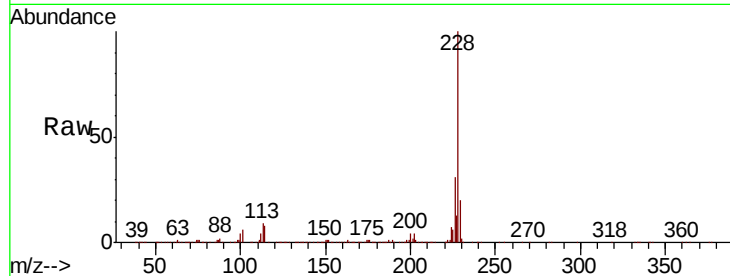
Tot Ion:228 Resp: 990690

Ion Ratio Lower Upper

228 100

226 30.6 25.1 37.7

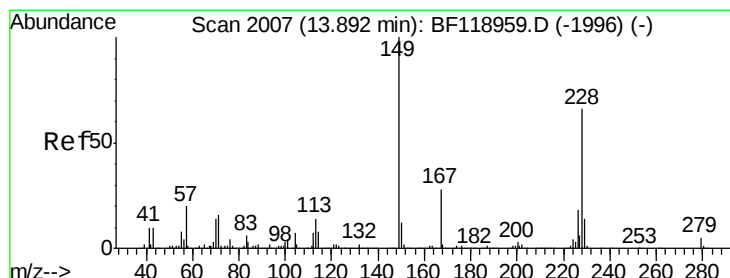
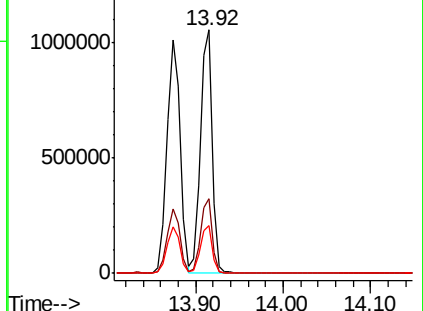
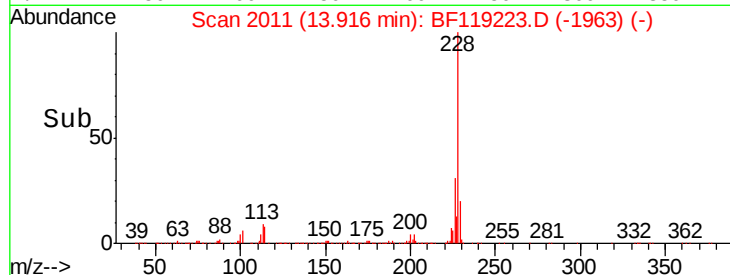
229 19.7 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.939 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

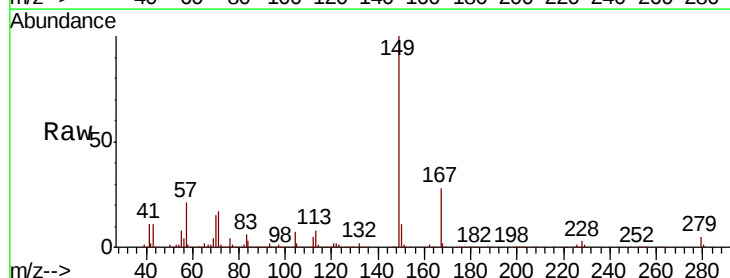
Tgt Ion:149 Resp: 719103

Ion Ratio Lower Upper

149 100

167 28.4 22.8 34.2

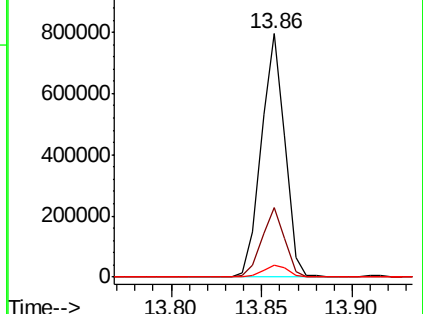
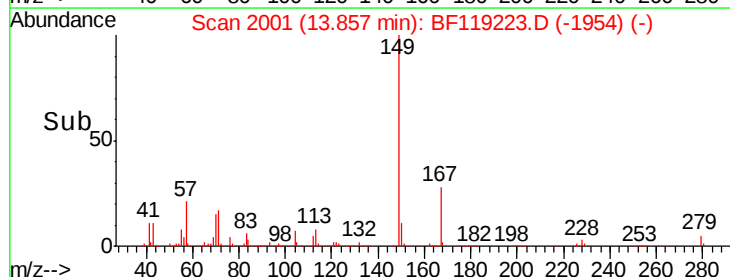
279 5.2 4.6 6.8

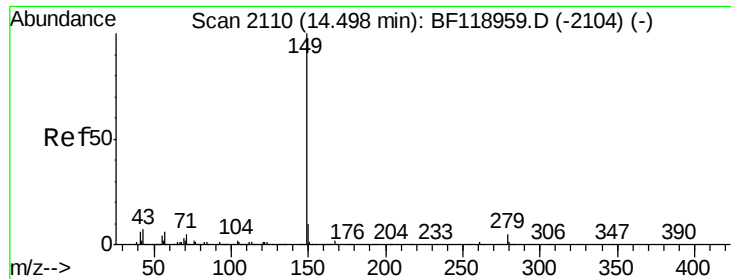


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 32.370 ng

RT: 14.46 min Scan# 2104

Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Instrument :

BNA_F

ClientSampled :

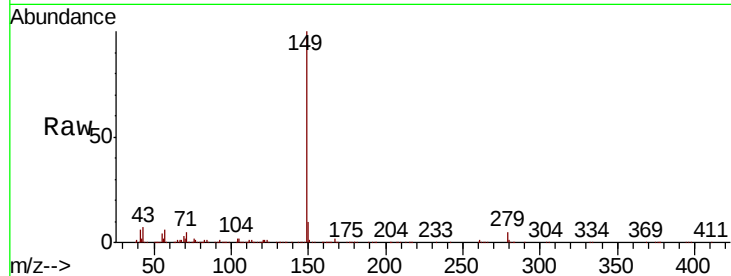
Tot Ion:149 Resp: 1004011

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

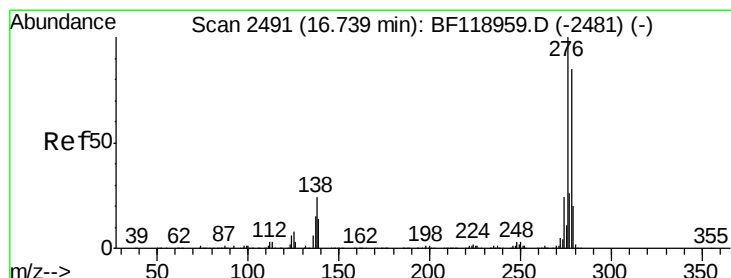
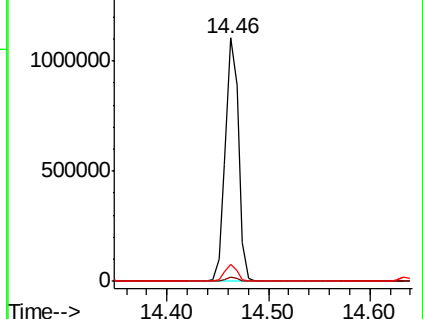
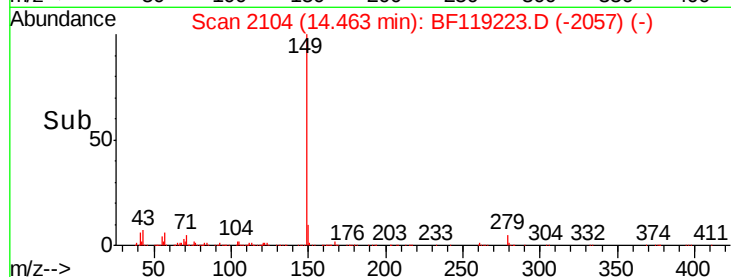
43 6.7 5.7 8.5



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: 30.503 ng

RT: 16.72 min Scan# 2487

Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

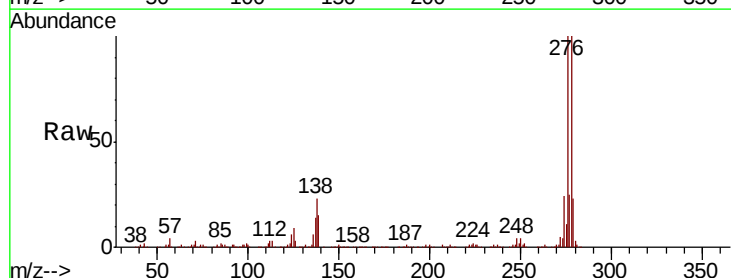
Tgt Ion:276 Resp: 914263

Ion Ratio Lower Upper

276 100

138 21.9 17.4 26.0

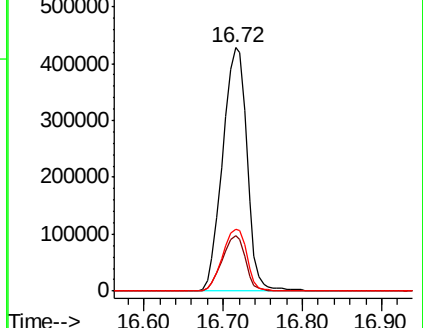
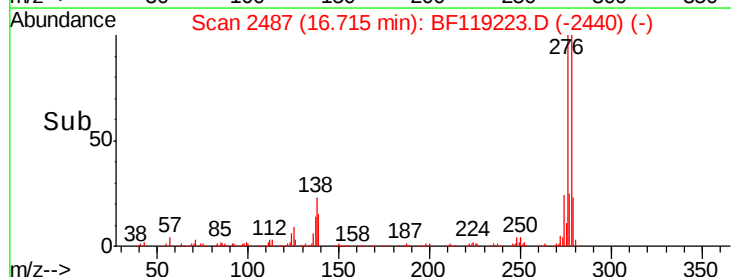
277 25.7 20.3 30.5

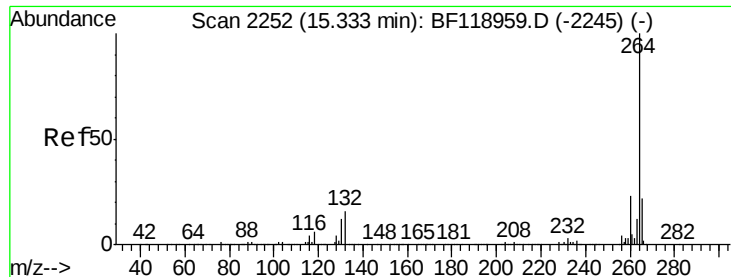


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.31 min Scan# 2248

Delta R.T. -0.01 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Instrument :

BNA_F

ClientSampleId :

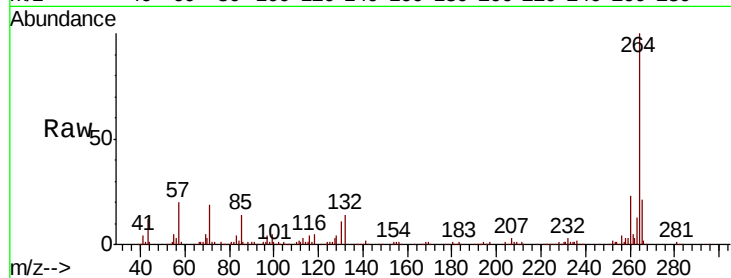
Tot Ion:264 Resp: 211884

Ion Ratio Lower Upper

264 100

260 22.8 19.4 29.2

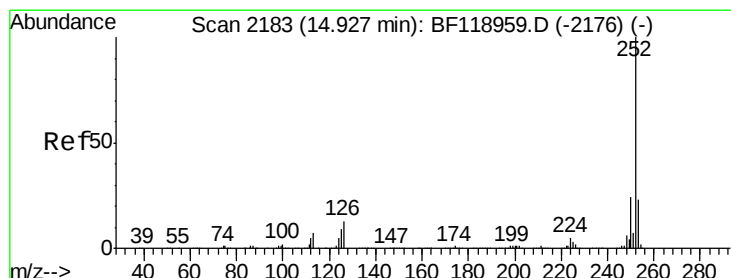
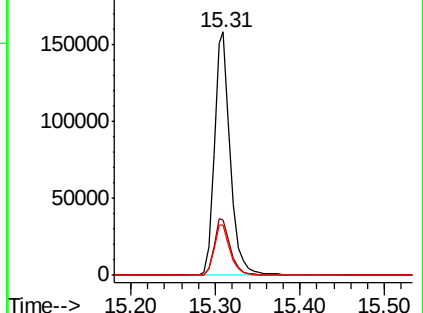
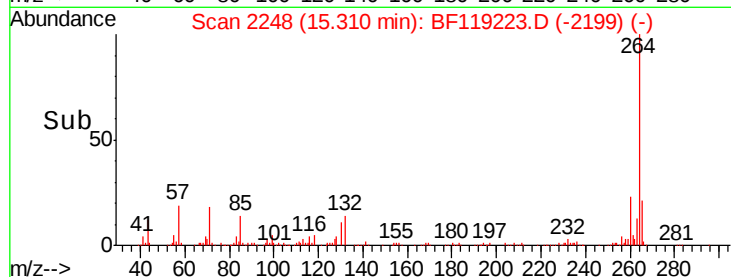
265 20.9 17.7 26.5



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: 58.145 ng

RT: 14.90 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

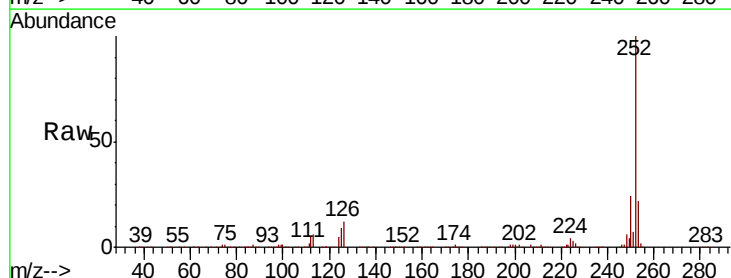
Tgt Ion:252 Resp: 812066

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

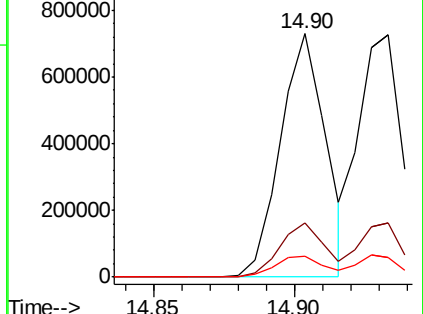
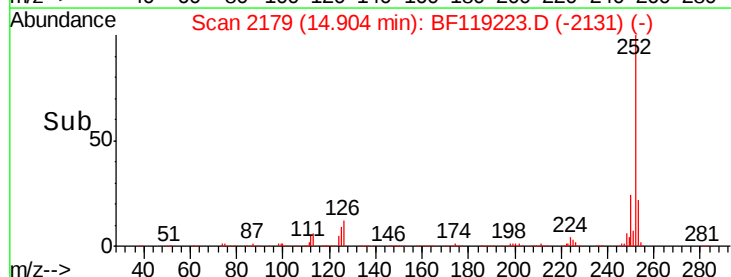
125 8.8 7.4 11.0

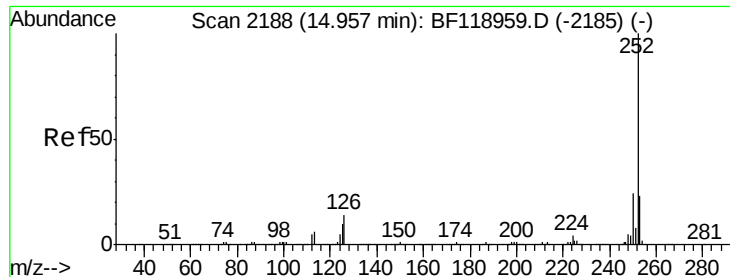


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

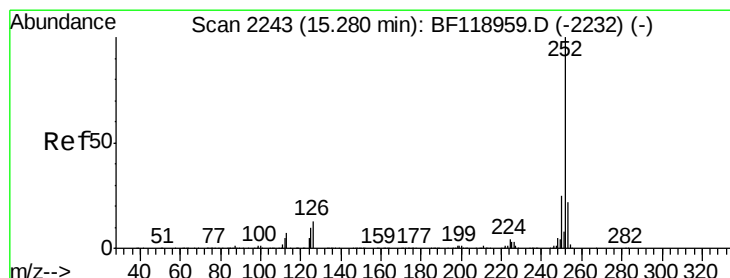
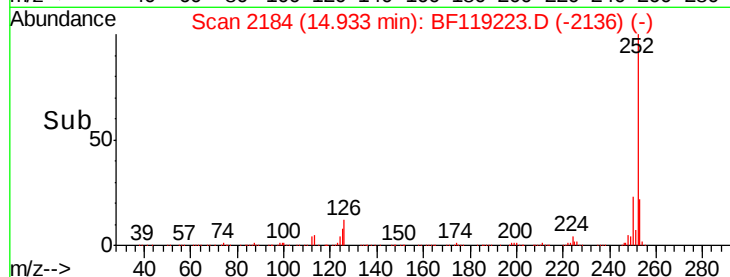
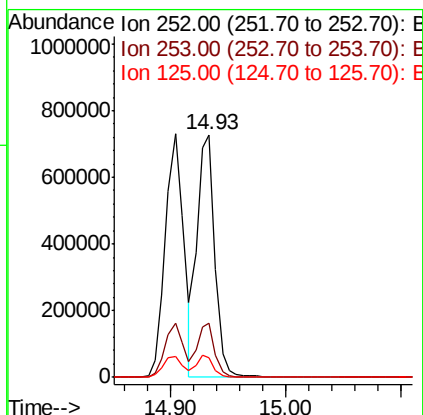
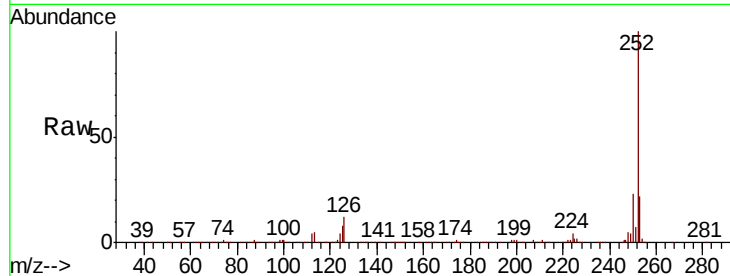




#89
Benzo(k)fluoranthene
Concen: 61.009 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

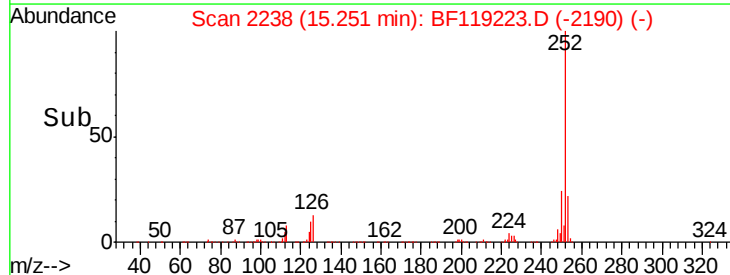
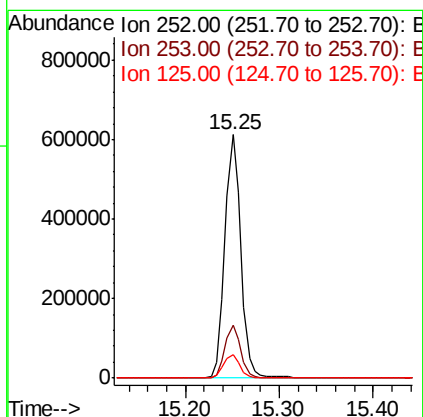
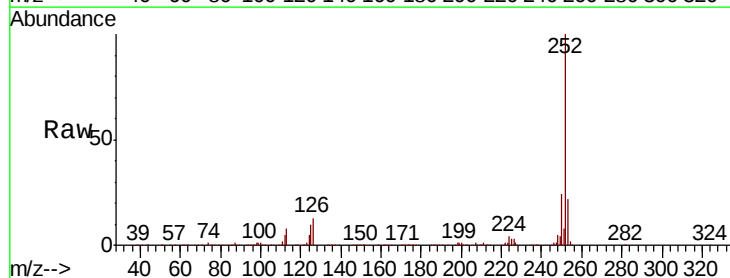
Instrument :
BNA_F
ClientSampleId :

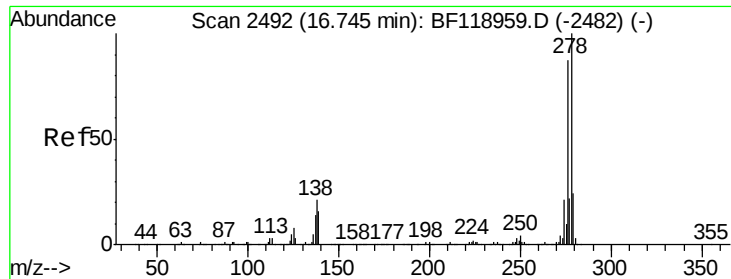
Tot Ion:252 Resp: 789624
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 8.0 7.5 11.3



#90
Benzo(a)pyrene
Concen: 57.719 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion:252 Resp: 727536
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 9.8 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 70.873 ng

RT: 16.72 min Scan# 2487

Delta R.T. -0.03 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Instrument :

BNA_F

ClientSampled :

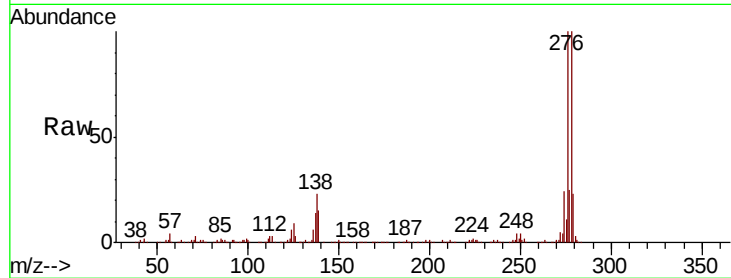
Tot Ion:278 Resp: 786036

Ion Ratio Lower Upper

278 100

139 14.6 11.0 16.4

279 23.1 18.6 28.0

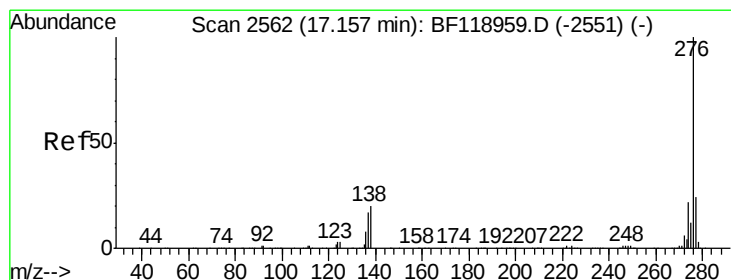
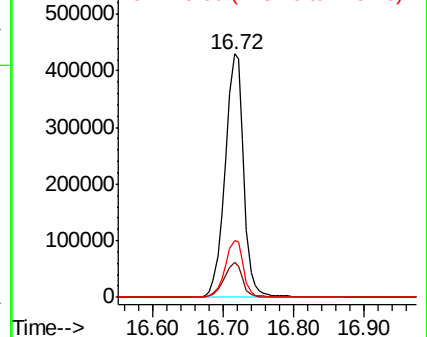
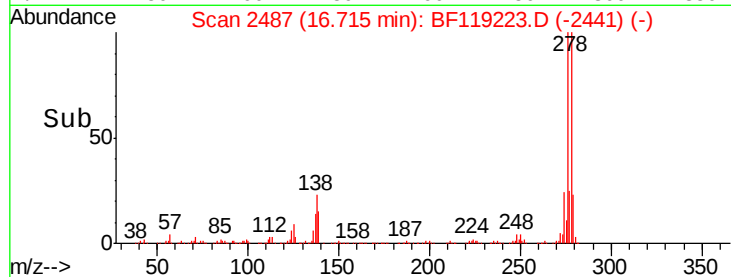


Abundance

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: 72.341 ng

RT: 17.13 min Scan# 2558

Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

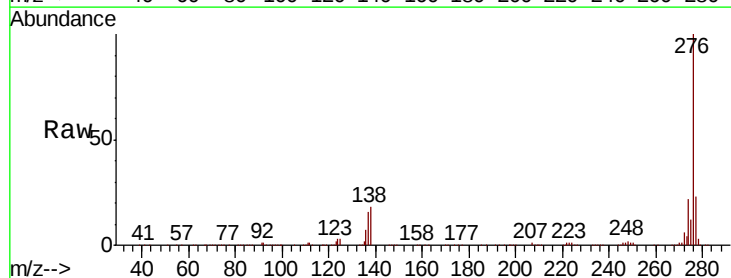
Tgt Ion:276 Resp: 792737

Ion Ratio Lower Upper

276 100

277 23.4 18.7 28.1

138 18.3 14.3 21.5



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

