

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
 Data File : BF118972.D
 Acq On : 20 Feb 2020 21:40
 Operator : CG/JU
 Sample : L1546-21
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 21 02:12:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	204533	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	761456	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	385065	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	612374	20.00	ng	0.00
76) Chrysene-d12	13.90	240	433912	20.00	ng	0.00
87) Perylene-d12	15.33	264	466210	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	1382339	112.95	ng	0.01
7) Phenol-d6	6.40	99	1717529	115.39	ng	0.00
23) Nitrobenzene-d5	7.32	82	1153448	79.98	ng	0.00
42) 2,4,6-Tribromophenol	10.58	330	521948	103.62	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1925187	73.65	ng	0.00
79) Terphenyl-d14	12.86	244	1688044	66.98	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.42	93	157	0.009	ng	# 1
9) Benzaldehyde	6.32	77	502	0.050	ng	# 81
10) Phenol	6.42	94	10040	0.624	ng	# 91
11) bis(2-Chloroethyl)ether	6.42	93	157	0.013	ng	# 1
12) 1,3-Dichlorobenzene	6.77	146	156	0.010	ng	# 54
13) 1,4-Dichlorobenzene	6.77	146	156	0.010	ng	# 71
14) 1,2-Dichlorobenzene	6.77	146	156	0.011	ng	# 68
15) Benzyl Alcohol	6.92	79	19467	1.810	ng	# 46
17) 2-Methylphenol	6.91	107	272	0.025	ng	# 1
18) Hexachloroethane	7.38	117	119	0.021	ng	# 1
19) n-Nitroso-di-n-propylamine	7.32	70	159610	18.402	ng	# 78
20) 3+4-Methylphenols	6.91	107	272	0.021	ng	# 1
22) Acetophenone	7.17	105	674	0.038	ng	# 67
24) Nitrobenzene	7.32	77	3891	0.273	ng	# 35
25) Isophorone	7.32	82	1148123	45.841	ng	# 63
27) 2,4-Dimethylphenol	7.78	122	117	0.011	ng	# 3
28) bis(2-Chloroethoxy)methane	8.04	93	248	0.015	ng	# 1
31) Naphthalene	8.06	128	3935	0.100	ng	# 98
32) Benzoic acid	7.78	122	117	6.694	ng	# 89
33) 4-Chloroaniline	8.06	127	415	0.024	ng	# 44
37) 2-Methylnaphthalene	8.75	142	1981	0.075	ng	# 88
38) 1-Methylnaphthalene	8.85	142	1732	0.069	ng	# 88
46) 1,1'-Biphenyl	9.22	154	6099	0.196	ng	# 98
47) 2-Chloronaphthalene	9.51	162	294	0.012	ng	# 1
48) 2-Nitroaniline	9.23	65	259	0.037	ng	# 1
49) Acenaphthylene	9.65	152	13197	0.364	ng	# 98
50) Dimethylphthalate	9.50	163	99673	3.385	ng	# 99
51) 2,6-Dinitrotoluene	9.79	165	50741	7.756	ng	# 30
52) Acenaphthene	9.82	154	1669	0.076	ng	# 91
55) Dibenzofuran	9.99	168	1529	0.047	ng	# 87
56) 4-Nitrophenol	9.99	139	542	0.124	ng	# 10
57) 2,4-Dinitrotoluene	9.79	165	50741	5.984	ng	# 29
58) Fluorene	10.33	166	3175	0.125	ng	# 91
60) Diethylphthalate	10.20	149	577	0.021	ng	# 58

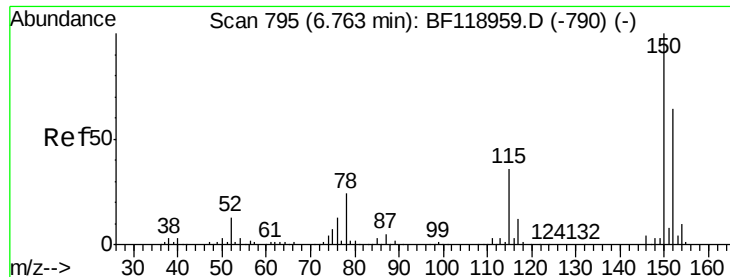
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
 Data File : BF118972.D
 Acq On : 20 Feb 2020 21:40
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Quant Time: Feb 21 02:12:25 2020
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
63) Azobenzene	10.49	77	141	0.006	nq	#	1
65) 4,6-Dinitro-2-methylphenol	10.58	198	984	0.266	nq	#	1
66) n-Nitrosodiphenylamine	10.45	169	868	0.043	nq	#	61
67) 4-Bromophenyl-phenylether	10.58	248	33165	4.143	nq	#	1
71) Phenanthrene	11.29	178	50752	1.520	nq		99
72) Anthracene	11.35	178	11573	0.347	nq		99
73) Carbazole	11.50	167	5448	0.183	nq	#	96
74) Di-n-butylphthalate	11.83	149	11892	0.330	nq		97
75) Fluoranthene	12.48	202	83782	2.363	nq		97
77) Benzydine	12.85	184	21338	1.209	nq	#	90
78) Pyrene	12.71	202	86484	2.482	nq		97
80) Butylbenzylphthalate	13.33	149	1750	0.119	nq		98
81) Benzo(a)anthracene	13.93	228	44388	1.501	nq		96
82) 3,3'-Dichlorobenzidine	13.86	252	134	0.012	nq	#	3
83) Chrysene	13.93	228	44388	1.507	nq		98
84) Bis(2-ethylhexyl)phthalate	13.89	149	6985	0.377	nq		99
85) Di-n-octyl phthalate	14.49	149	602	0.020	nq	#	1
86) Indeno(1,2,3-cd)pyrene	16.73	276	23433	0.821	nq		95
88) Benzo(b)fluoranthene	14.92	252	76444	2.488	nq	#	96
89) Benzo(k)fluoranthene	14.92	252	76444	2.684	nq	#	96
90) Benzo(a)pyrene	15.27	252	38871	1.402	nq	#	92
91) Dibenzo(a,h)anthracene	16.73	278	6251	0.256	nq	#	78
92) Benzo(g,h,i)perylene	17.15	276	27359	1.135	nq	#	90

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

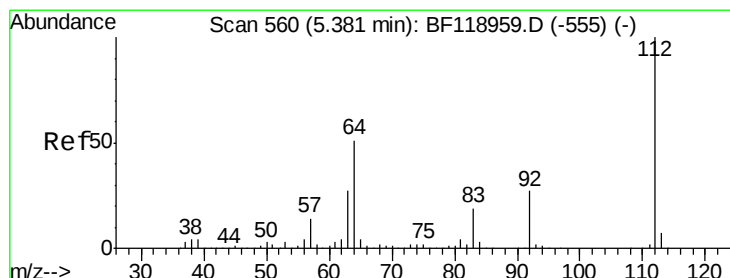
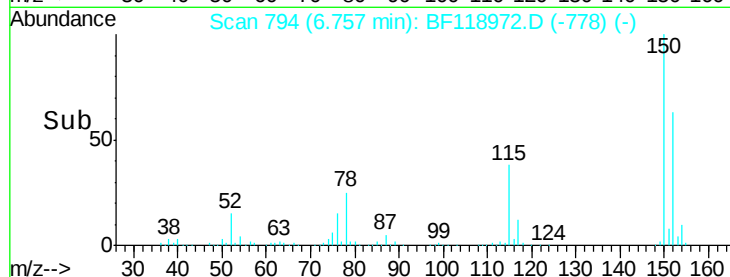
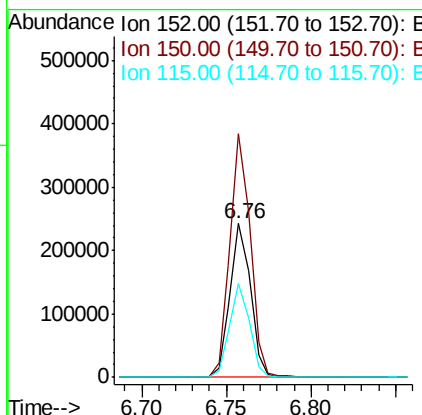
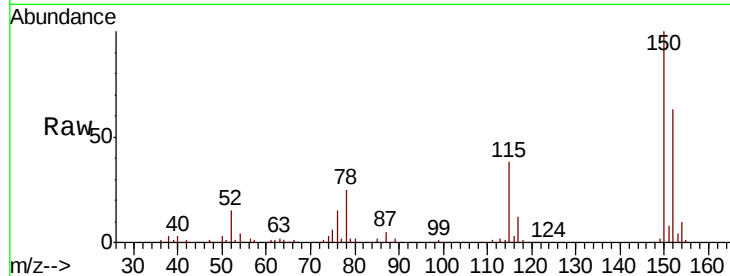


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF118972.D
Acq: 20 Feb 2020 21:40

Instrument :
BNA_F
ClientSampled :

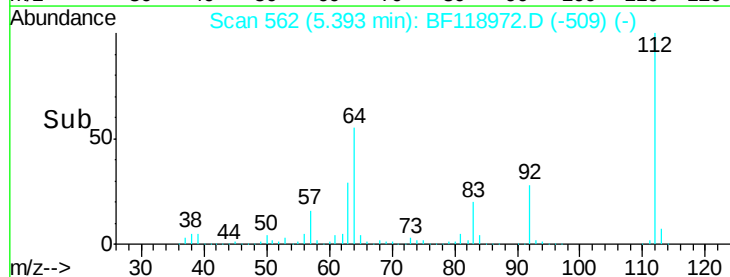
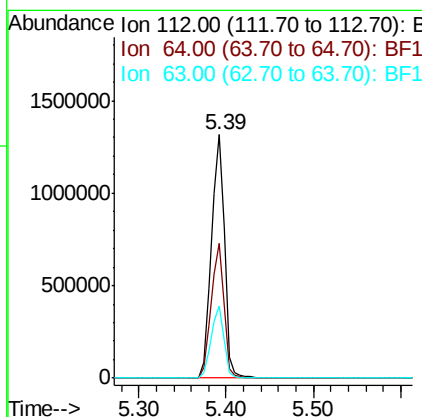
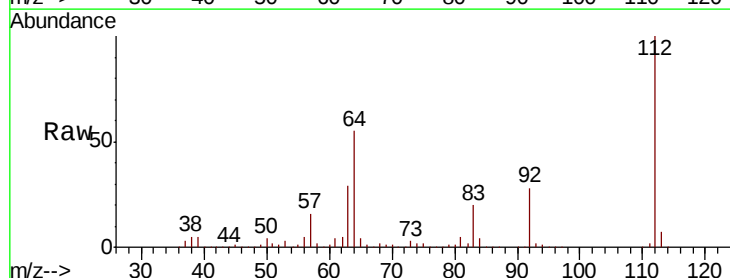
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.3	186.5
115	60.8	44.6	67.0

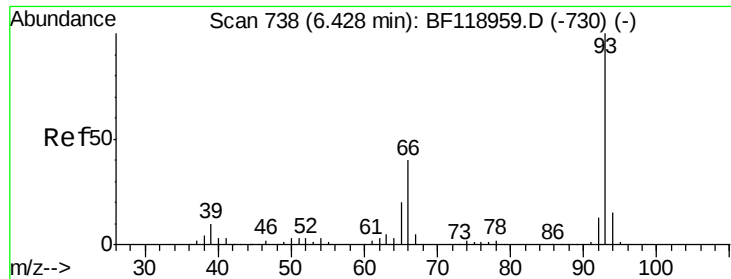


#5

2-Fluorophenol
Concen: 112.947 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF118972.D
Acq: 20 Feb 2020 21:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	40.4	60.6
63	29.5	21.3	31.9





#6

Aniline

Concen: 0.009 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF118972.D

Acq: 20 Feb 2020 21:40

Instrument :

BNA_F

ClientSampleId :

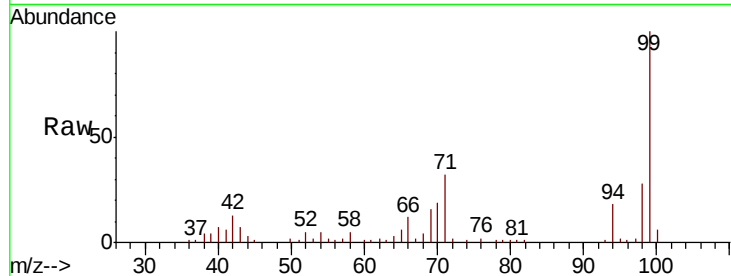
Tot Ion: 93 Resp: 157

Ion Ratio Lower Upper

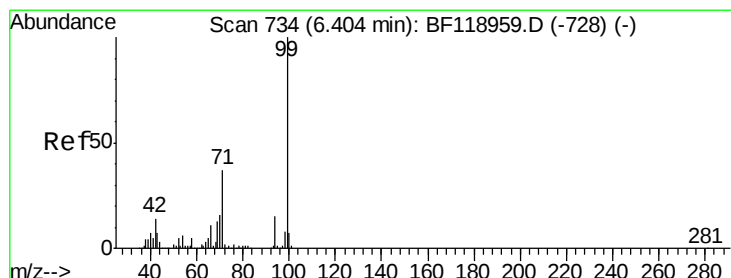
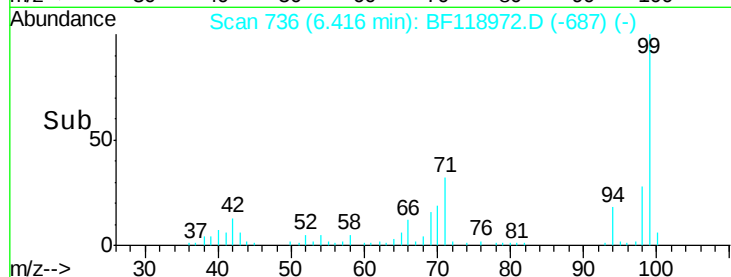
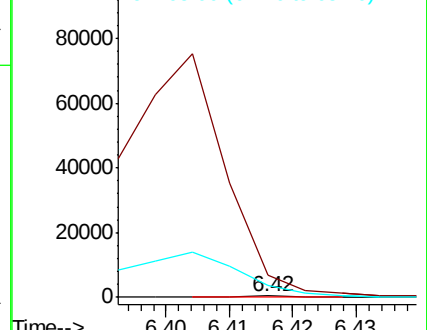
93 100

66 1565.0 32.2 48.2#

65 829.8 16.1 24.1#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 115.389 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF118972.D

Acq: 20 Feb 2020 21:40

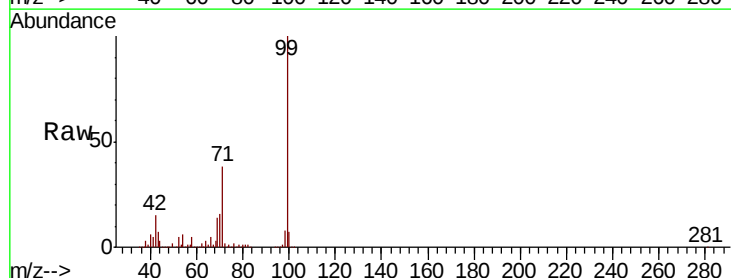
Tgt Ion: 99 Resp: 1717529

Ion Ratio Lower Upper

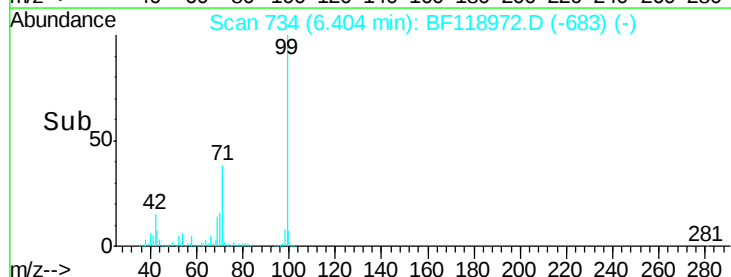
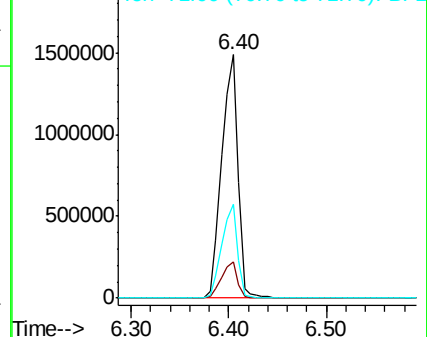
99 100

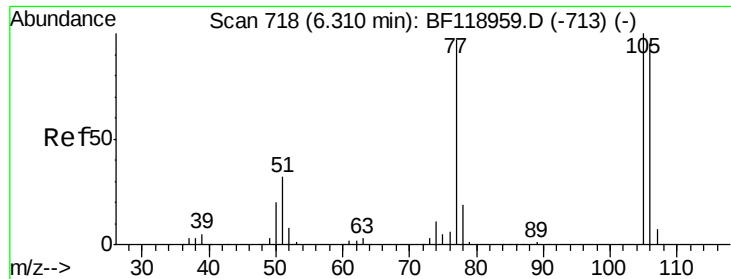
42 15.0 11.4 17.0

71 38.5 29.8 44.6



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





#9

Benzaldehyde

Concen: 0.050 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF118972.D

Acq: 20 Feb 2020 21:40

Instrument :

BNA_F

ClientSampleId :

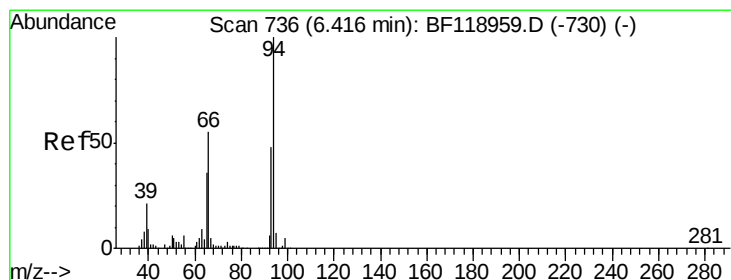
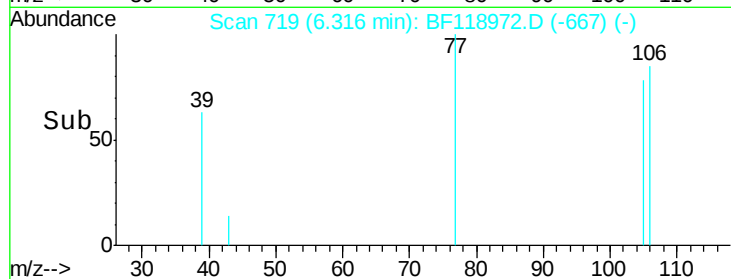
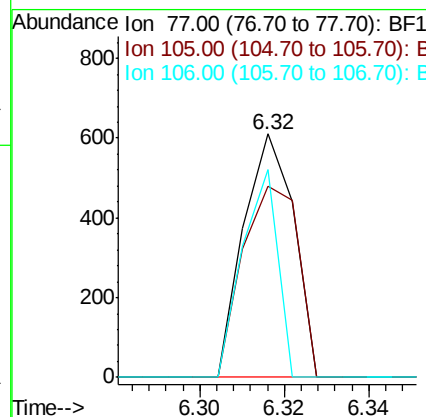
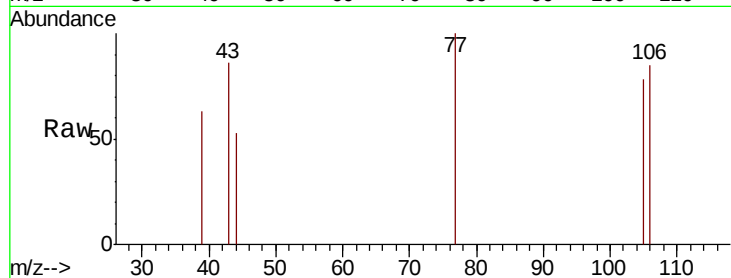
Tot Ion: 77 Resp: 502

Ion Ratio Lower Upper

77 100

105 78.4 83.0 123.0#

106 85.3 78.3 118.3



#10

Phenol

Concen: 0.624 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF118972.D

Acq: 20 Feb 2020 21:40

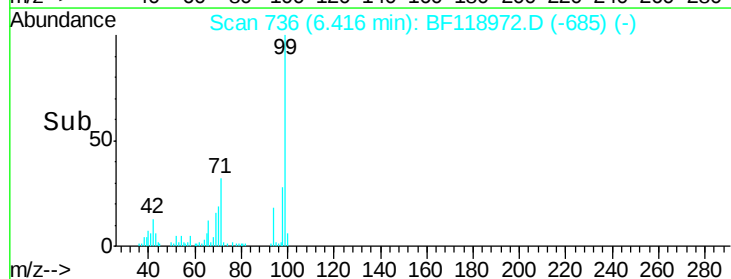
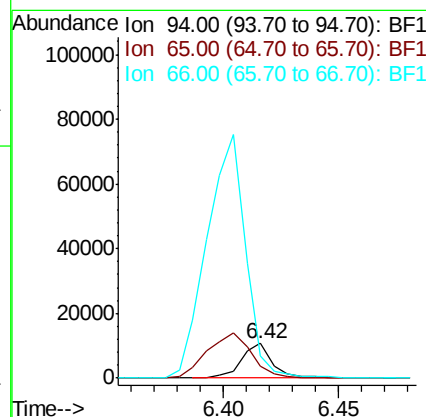
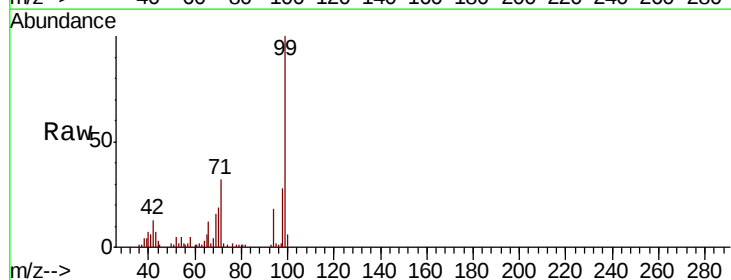
Tgt Ion: 94 Resp: 10040

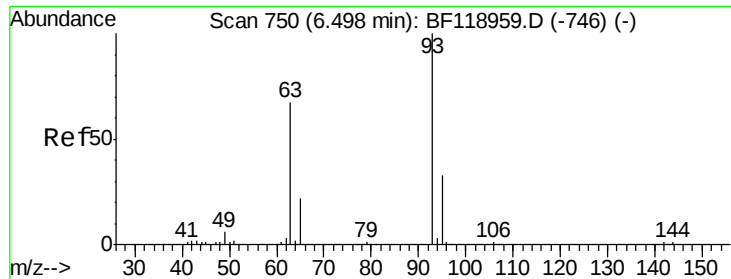
Ion Ratio Lower Upper

94 100

65 34.4 15.5 55.5

66 65.0 35.6 75.6

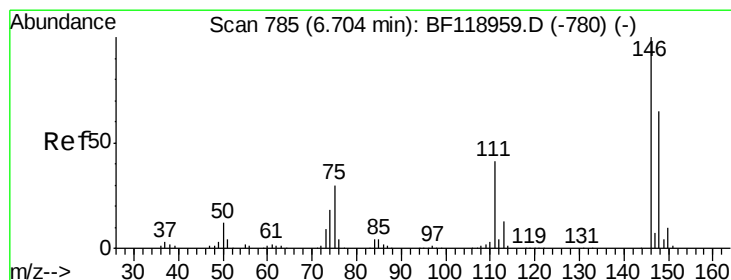
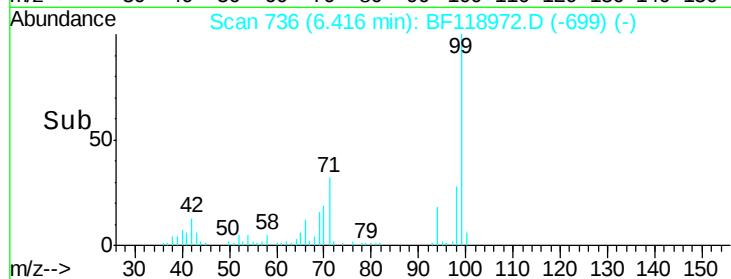
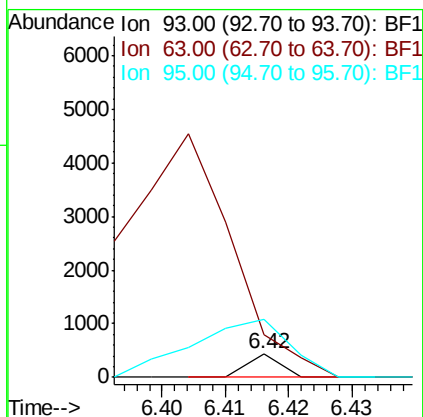
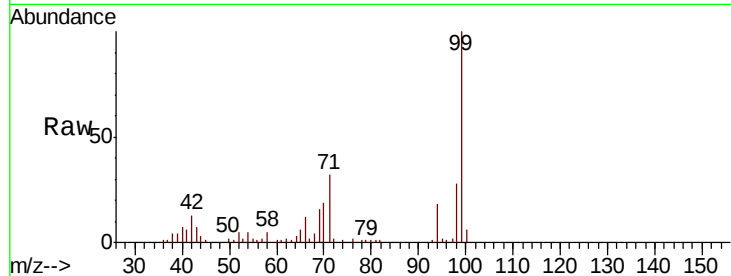




#11
bis(2-Chloroethyl)ether
Concen: 0.013 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.08 min
Lab File: BF118972.D
Acq: 20 Feb 2020 21:40

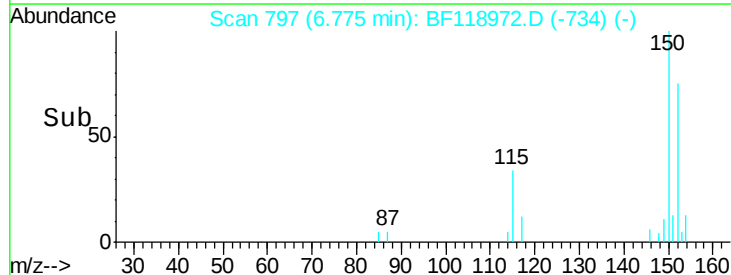
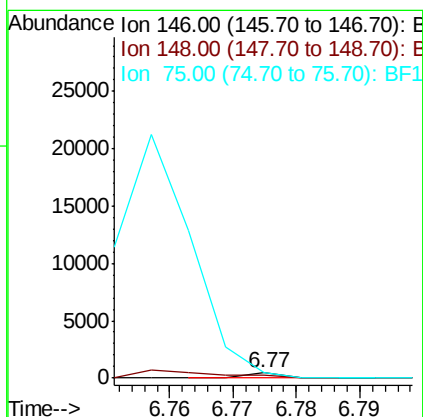
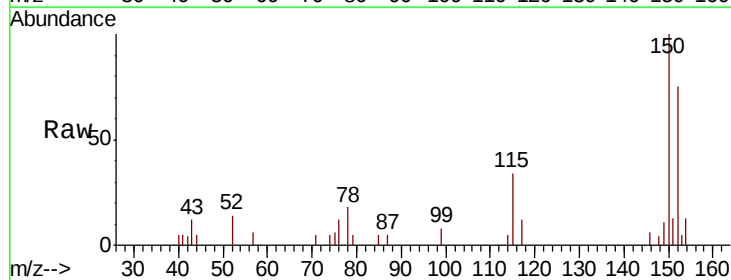
Instrument :
BNA_F
ClientSampleId :

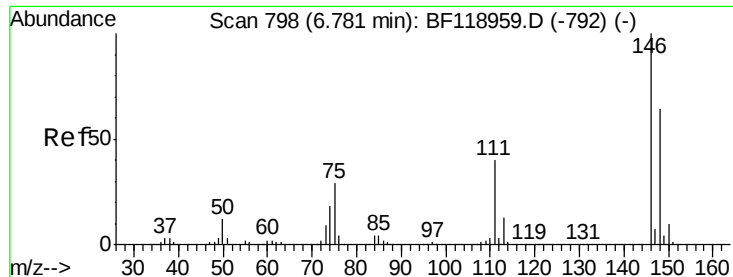
Tot Ion: 93 Resp: 157
Ion Ratio Lower Upper
93 100
63 179.1 46.8 86.8#
95 240.1 12.7 52.7#



#12
1,3-Dichlorobenzene
Concen: 0.010 ng
RT: 6.77 min Scan# 797
Delta R.T. 0.07 min
Lab File: BF118972.D
Acq: 20 Feb 2020 21:40

Tgt Ion: 146 Resp: 156
Ion Ratio Lower Upper
146 100
148 70.2 51.7 77.5
75 99.5 23.6 35.4#

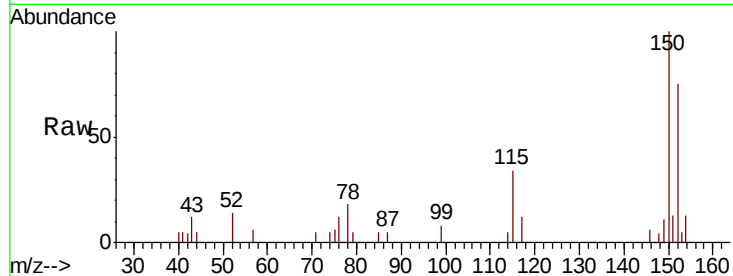




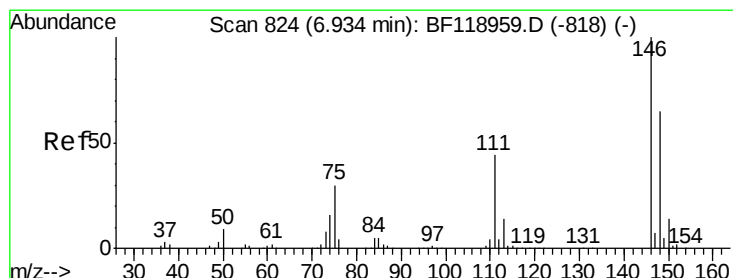
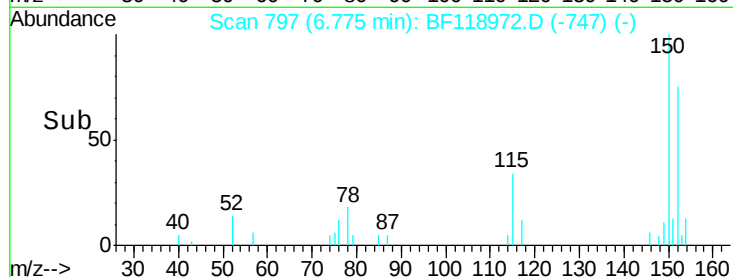
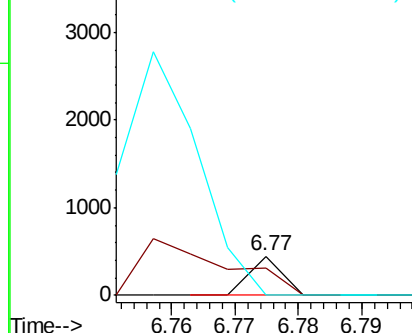
#13
 1,4-Dichlorobenzene
 Concen: 0.010 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF118972.D
 Acq: 20 Feb 2020 21:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 156
 Ion Ratio Lower Upper
 146 100
 148 70.2 51.4 77.2
 111 0.0 31.9 47.9#

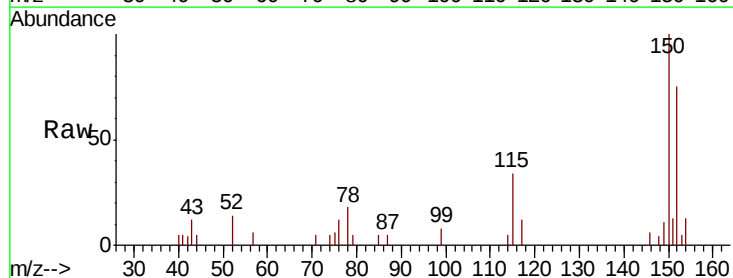


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

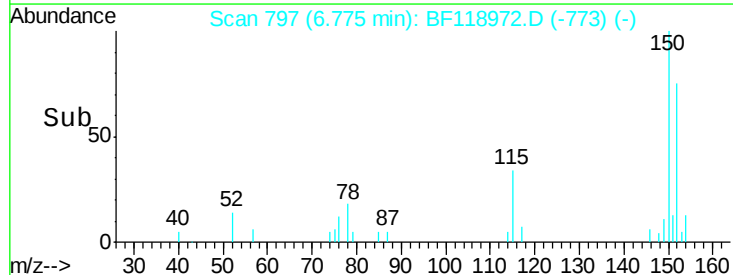
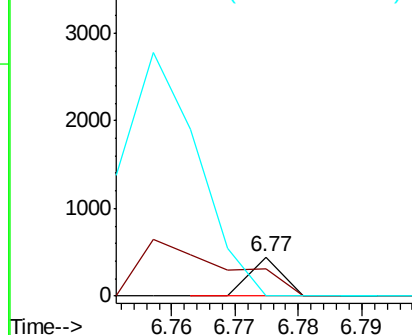


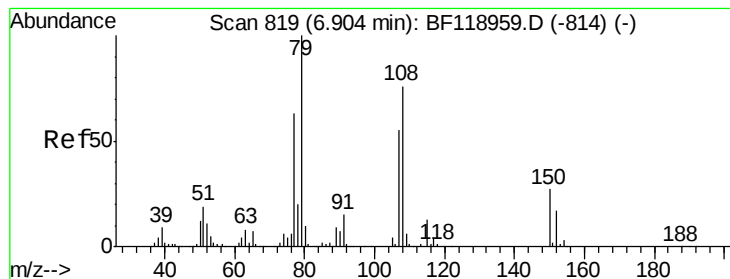
#14
 1,2-Dichlorobenzene
 Concen: 0.011 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.16 min
 Lab File: BF118972.D
 Acq: 20 Feb 2020 21:40

Tgt Ion:146 Resp: 156
 Ion Ratio Lower Upper
 146 100
 148 70.2 52.1 78.1
 111 0.0 35.5 53.3#



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.810 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.01 min

Lab File: BF118972.D

Acq: 20 Feb 2020 21:40

Instrument :

BNA_F

ClientSampleId :

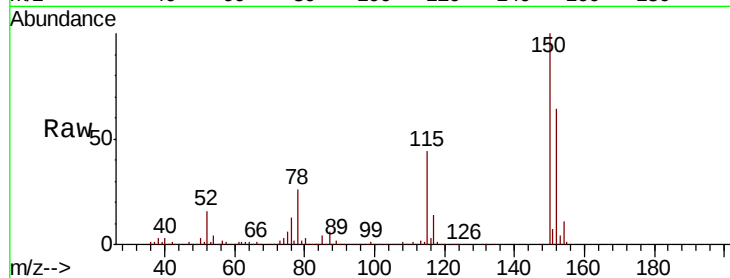
Tot Ion: 79 Resp: 19467

Ion Ratio Lower Upper

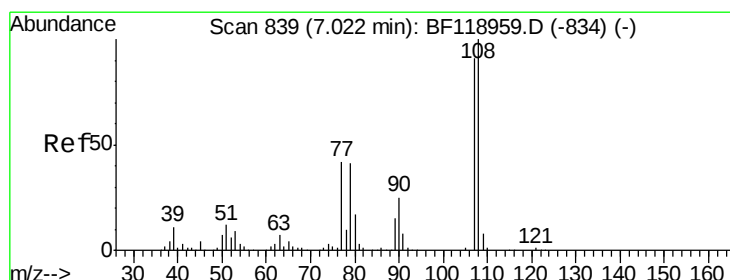
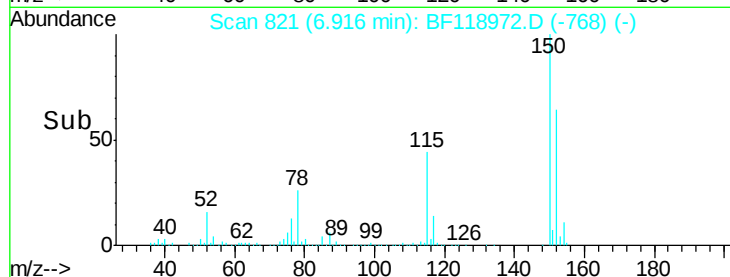
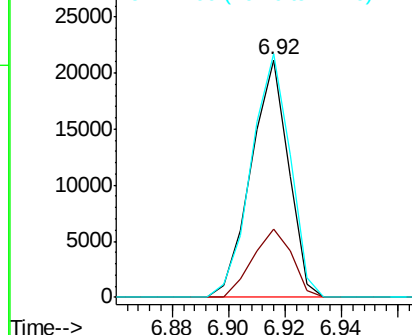
79 100

108 29.0 61.1 91.7#

77 102.6 50.2 75.2#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1



#17

2-Methylphenol

Concen: 0.025 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.11 min

Lab File: BF118972.D

Acq: 20 Feb 2020 21:40

Tgt Ion: 107 Resp: 272

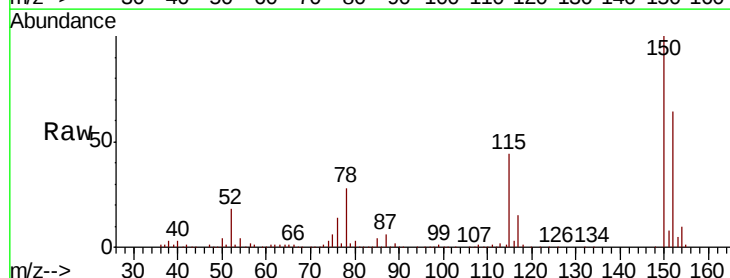
Ion Ratio Lower Upper

107 100

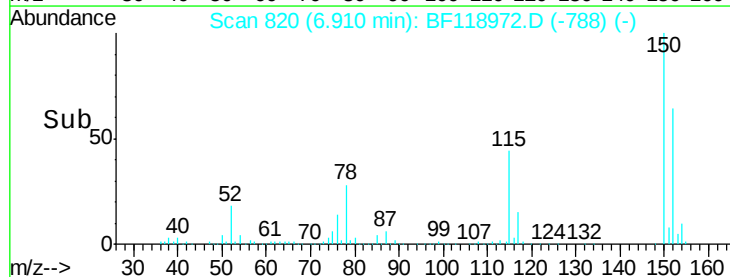
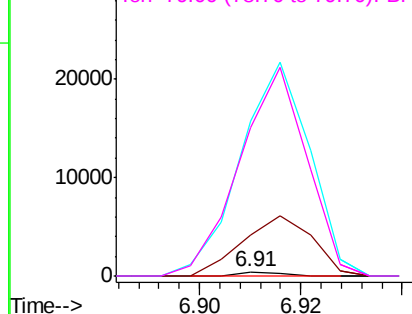
108 938.0 87.7 131.5#

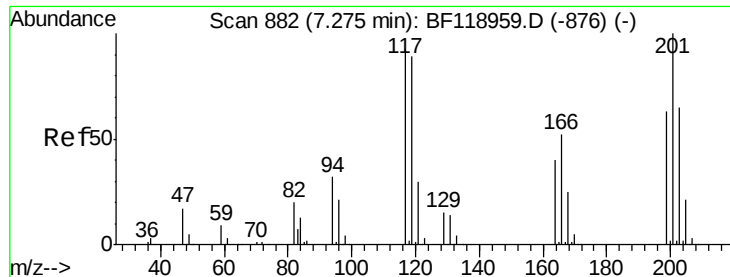
77 3516.1 36.8 55.2#

79 3364.7 36.4 54.6#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

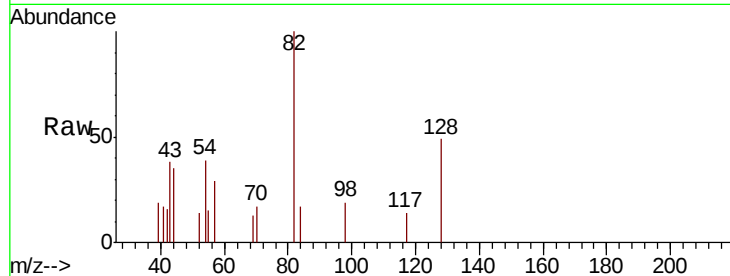




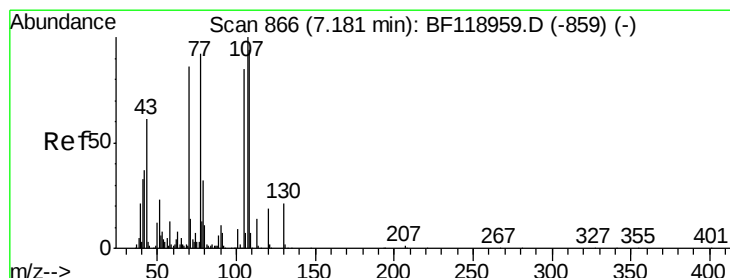
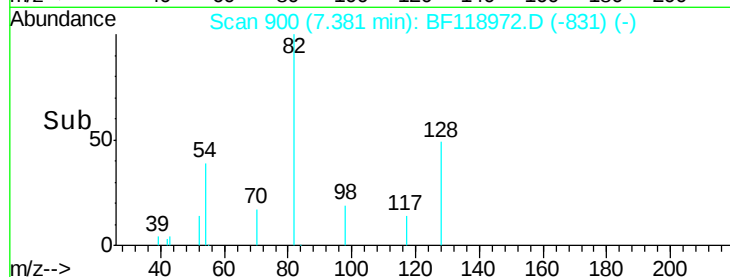
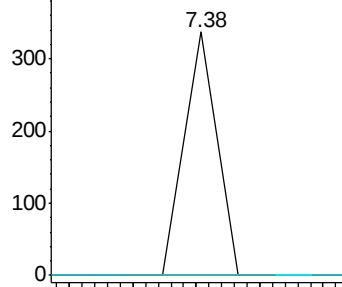
#18
Hexachloroethane
Concen: 0.021 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.11 min
Lab File: BF118972.D
Acq: 20 Feb 2020 21:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 119
Ion Ratio Lower Upper
117 100
119 0.0 77.0 115.6#
201 0.0 86.4 129.6#

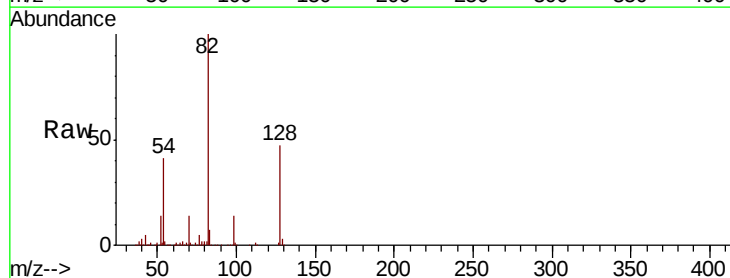


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

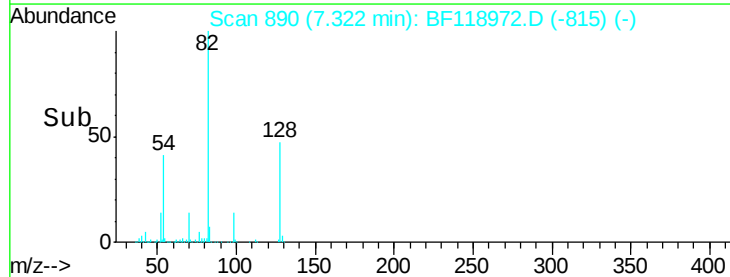
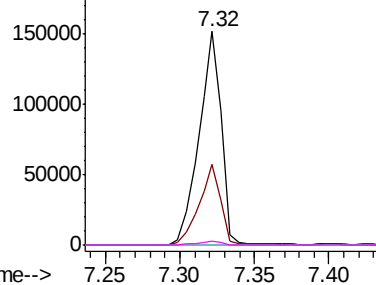


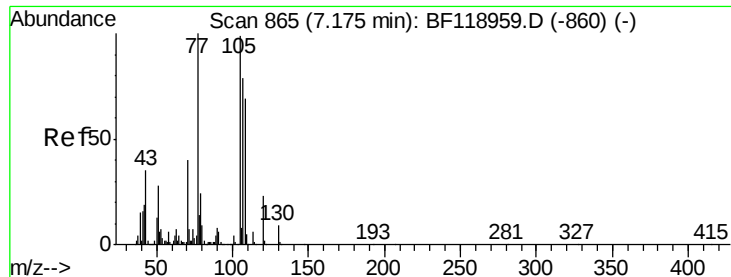
#19
n-Nitroso-di-n-propylamine
Concen: 18.402 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.14 min
Lab File: BF118972.D
Acq: 20 Feb 2020 21:40

Tgt Ion: 70 Resp: 159610
Ion Ratio Lower Upper
70 100
42 37.7 34.6 51.8
101 0.0 8.1 12.1#
130 2.1 19.4 29.2#



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

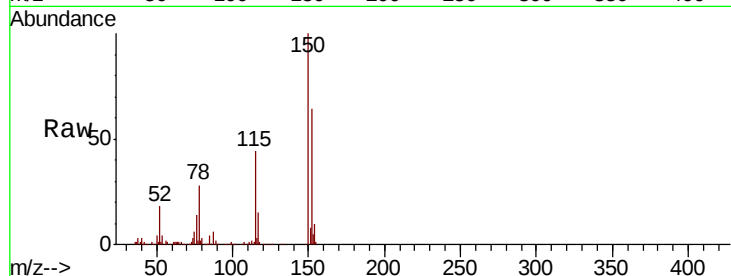




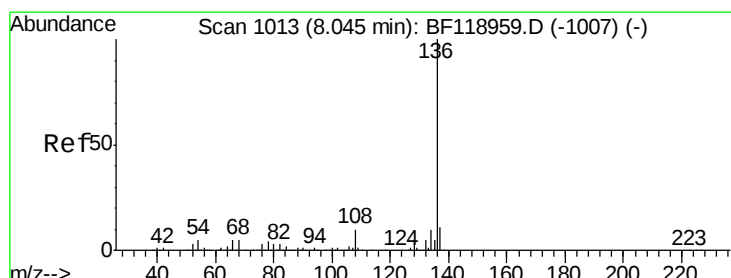
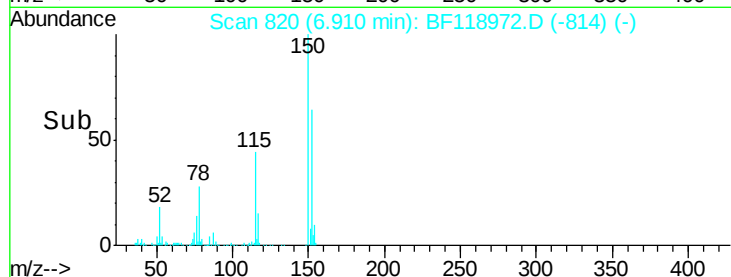
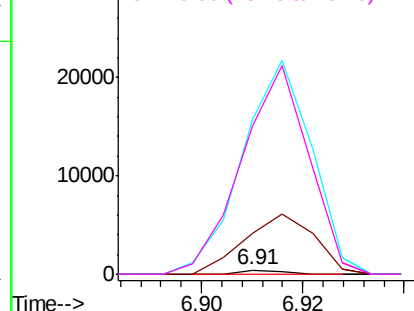
#20
3+4-Methylphenols
Concen: 0.021 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.26 min
Lab File: BF118972.D
Acq: 20 Feb 2020 21:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 272
Ion Ratio Lower Upper
107 100
108 938.0 67.0 107.0#
77 3516.1 106.2 146.2#
79 3364.7 10.0 50.0#

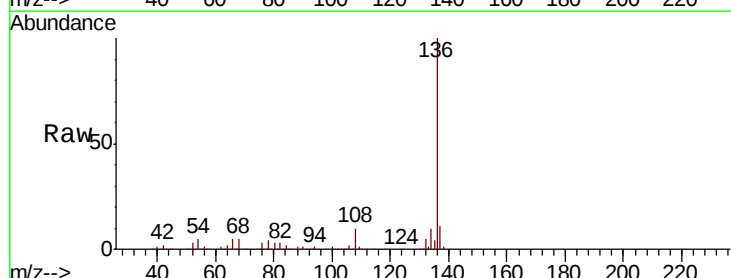


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

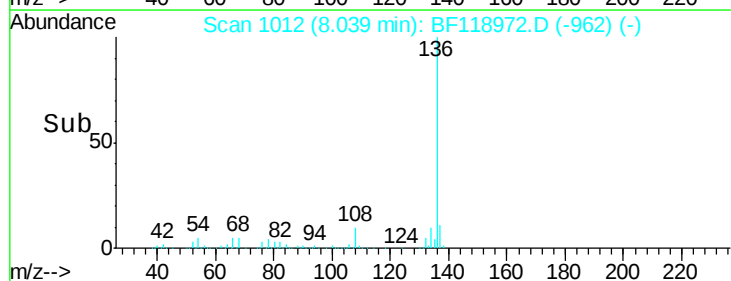
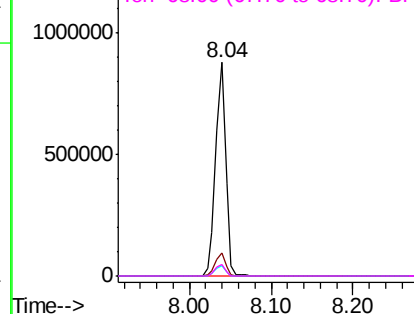


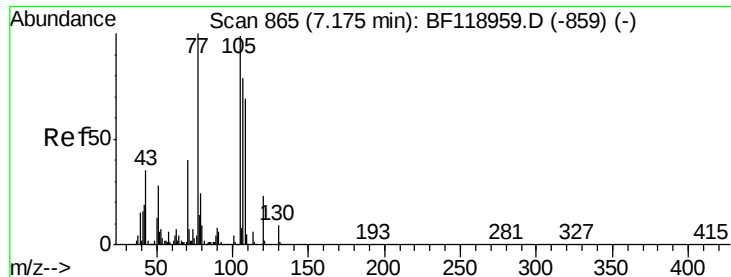
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF118972.D
Acq: 20 Feb 2020 21:40

Tgt Ion:136 Resp: 761456
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 4.7 3.8 5.6
68 5.2 4.2 6.2



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: 0.038 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF118972.D

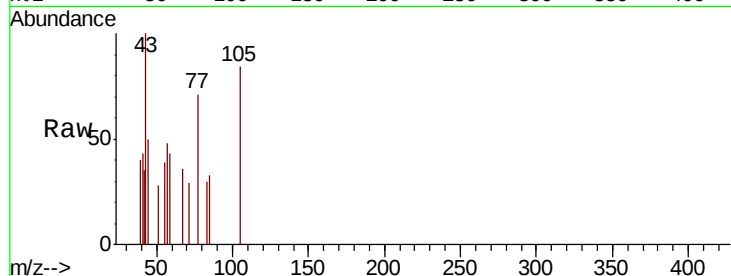
Acq: 20 Feb 2020 21:40

Instrument :

BNA_F

ClientSampled :

Tot Ion:	105	Resp:	674
Ion	Ratio	Lower	Upper
105	100		
71	34.8	5.4	8.0#
51	33.2	22.5	33.7
120	0.0	18.4	27.6#

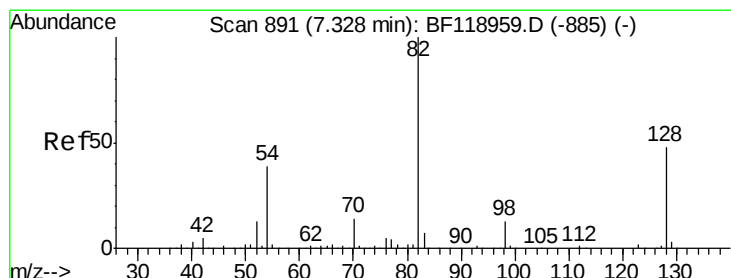
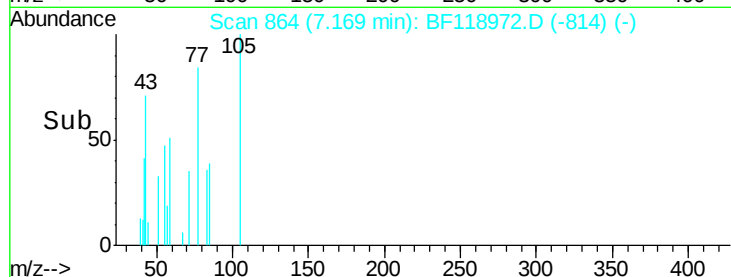
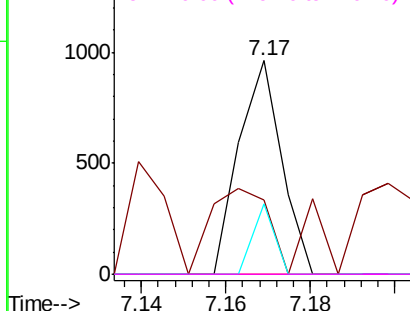


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 79.981 ng

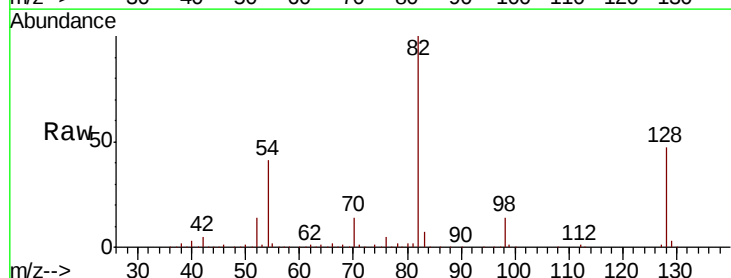
RT: 7.32 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF118972.D

Acq: 20 Feb 2020 21:40

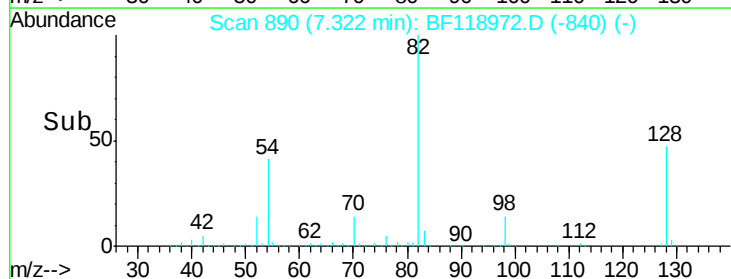
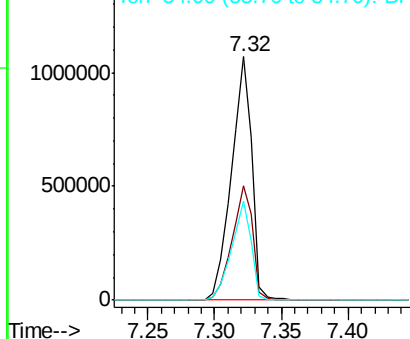
Tgt Ion:	82	Resp:	1153448
Ion	Ratio	Lower	Upper
82	100		
128	47.0	38.2	57.2
54	40.8	31.3	46.9

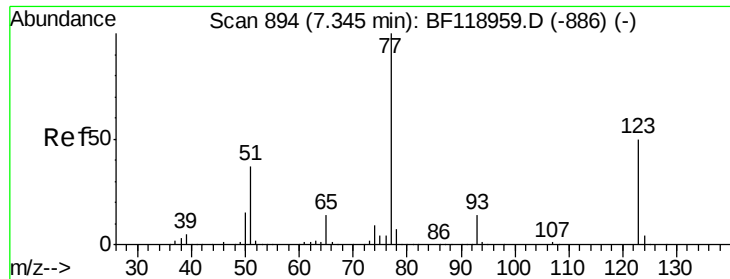


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 0.273 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.02 min

Lab File: BF118972.D

Acq: 20 Feb 2020 21:40

Instrument :

BNA_F

ClientSampleId :

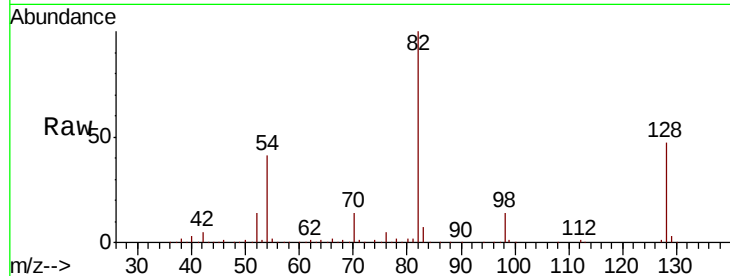
Tot Ion: 77 Resp: 3891

Ion Ratio Lower Upper

77 100

123 0.0 40.1 60.1#

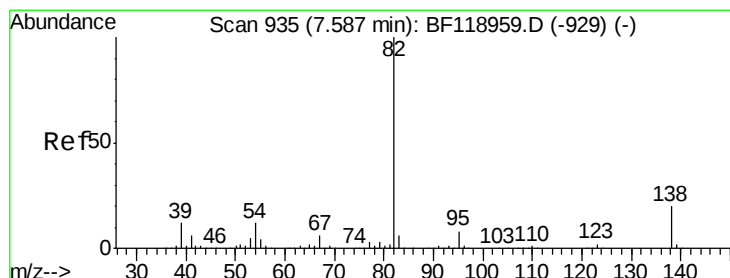
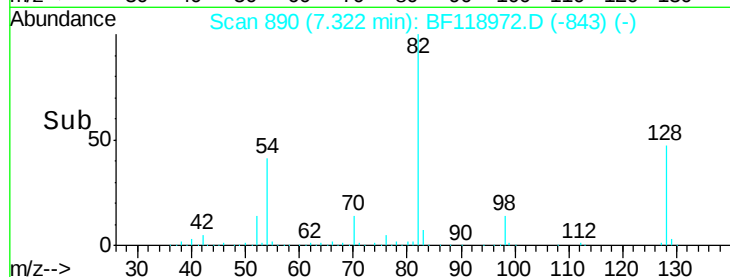
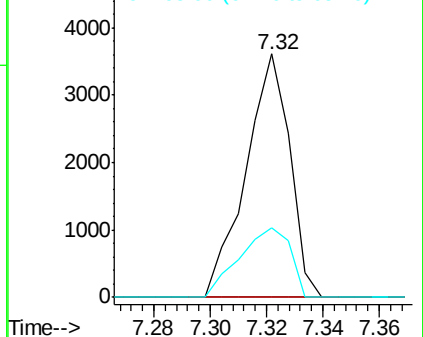
65 28.8 10.9 16.3#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 45.841 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.26 min

Lab File: BF118972.D

Acq: 20 Feb 2020 21:40

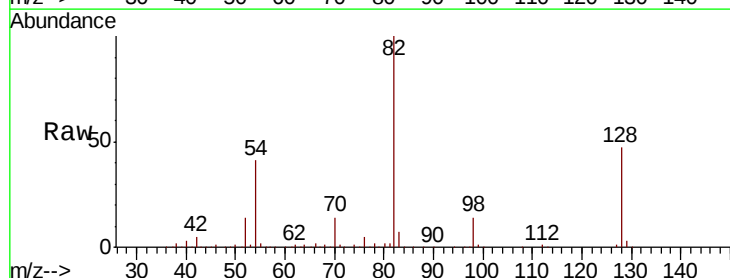
Tgt Ion: 82 Resp: 1148123

Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

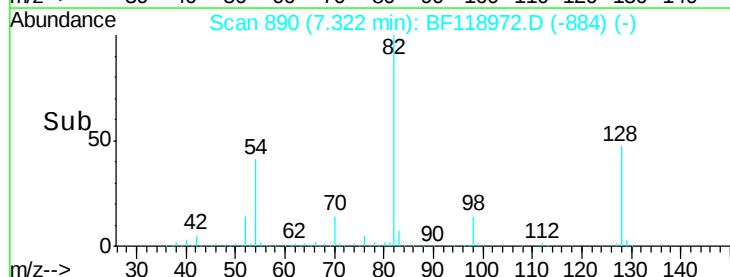
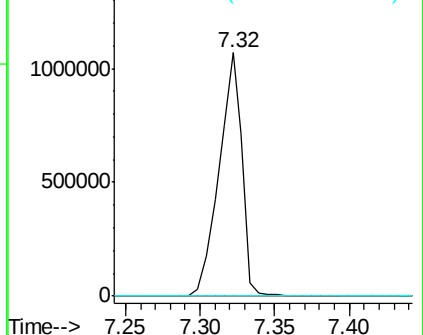
138 0.0 15.8 23.6#

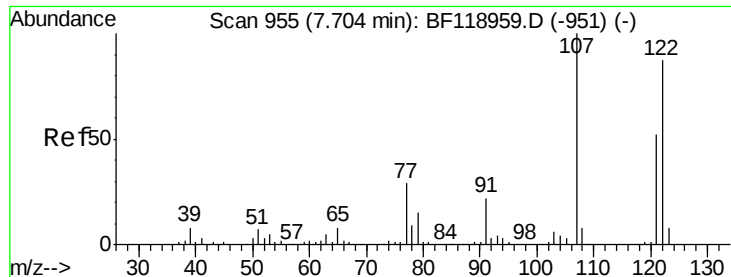


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#27

2,4-Dimethylphenol

Concen: 0.011 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.08 min

Lab File: BF118972.D

Acq: 20 Feb 2020 21:40

Instrument :

BNA_F

ClientSampleId :

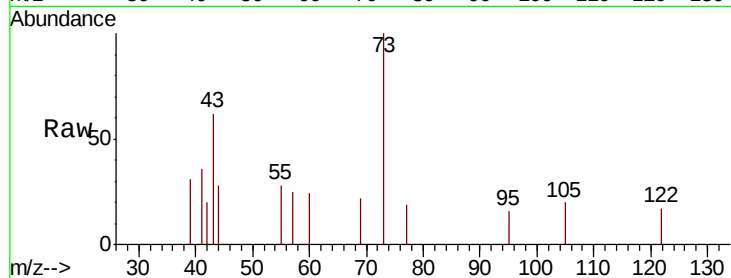
Tot Ion:122 Resp: 117

Ion Ratio Lower Upper

122 100

107 0.0 91.8 137.8#

121 0.0 47.4 71.0#



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

7.78

400

300

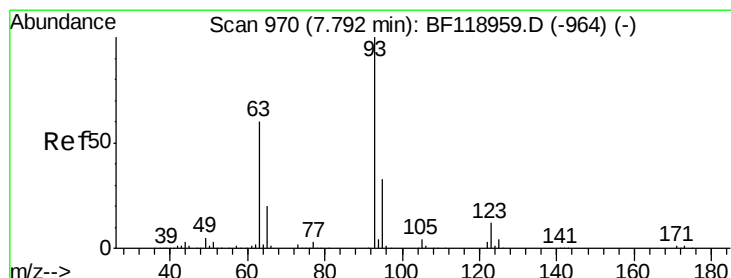
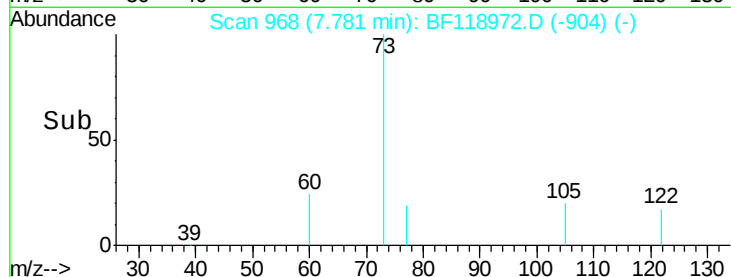
200

100

0

7.76 7.77 7.78 7.79 7.80

Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 0.015 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.25 min

Lab File: BF118972.D

Acq: 20 Feb 2020 21:40

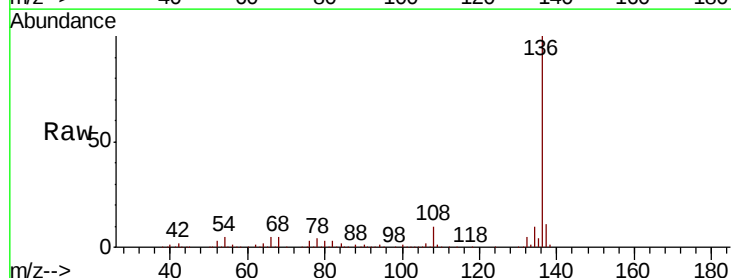
Tgt Ion: 93 Resp: 248

Ion Ratio Lower Upper

93 100

95 228.1 26.3 39.5#

123 0.0 9.8 14.8#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

1200

1000

800

600

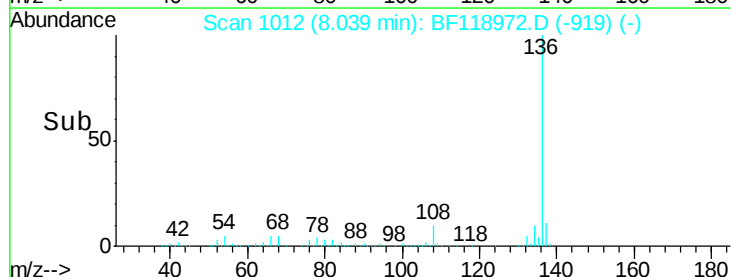
400

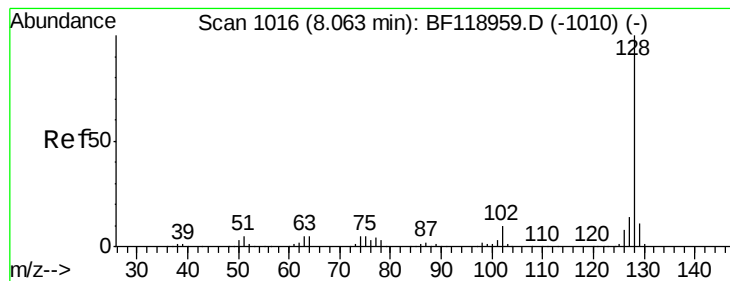
200

0

8.02 8.04 8.06

Time-->





#31

Naphthalene

Concen: 0.100 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF118972.D

Acq: 20 Feb 2020 21:40

Instrument :

BNA_F

ClientSampled :

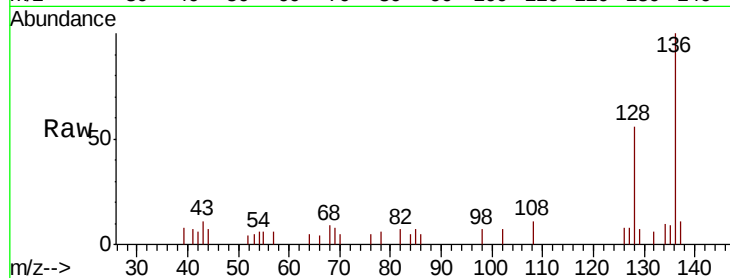
Tot Ion:128 Resp: 3935

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.4

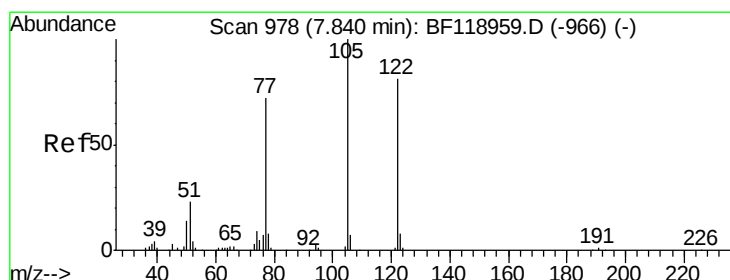
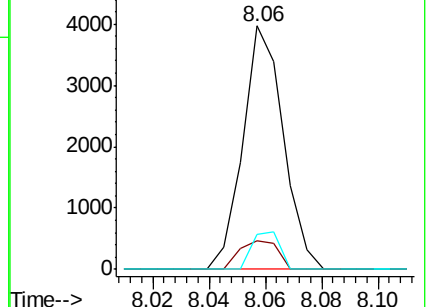
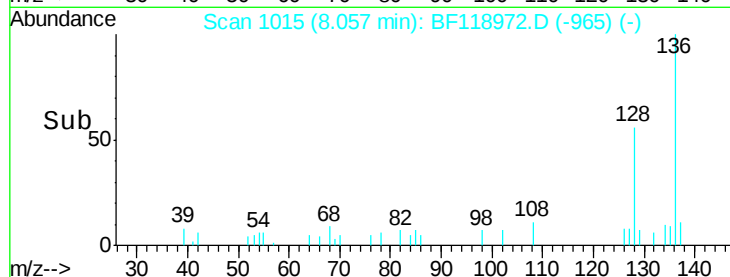
127 14.3 10.9 16.3



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: 6.694 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.06 min

Lab File: BF118972.D

Acq: 20 Feb 2020 21:40

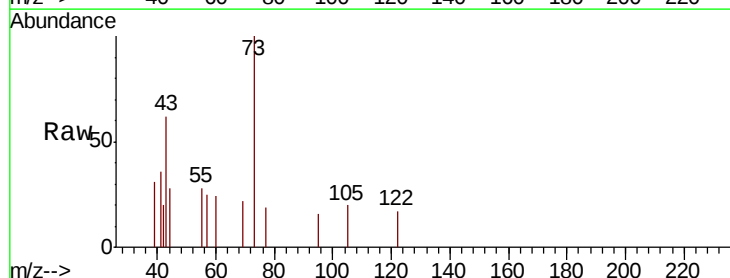
Tgt Ion:122 Resp: 117

Ion Ratio Lower Upper

122 100

105 115.7 102.2 142.2

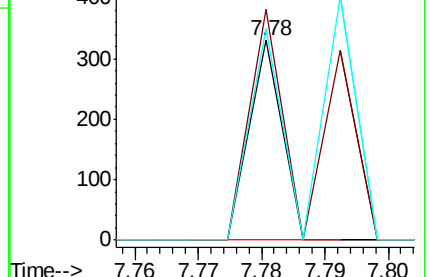
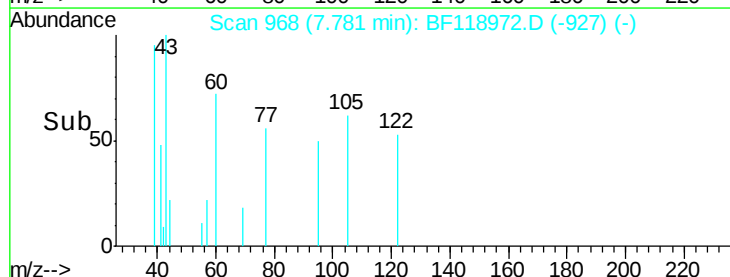
77 106.0 68.6 108.6

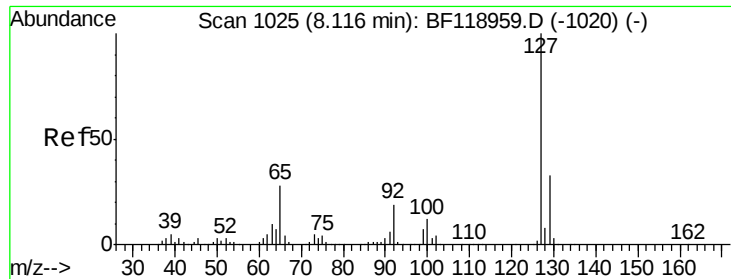


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

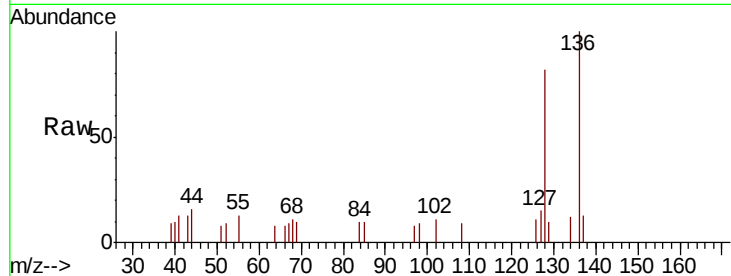




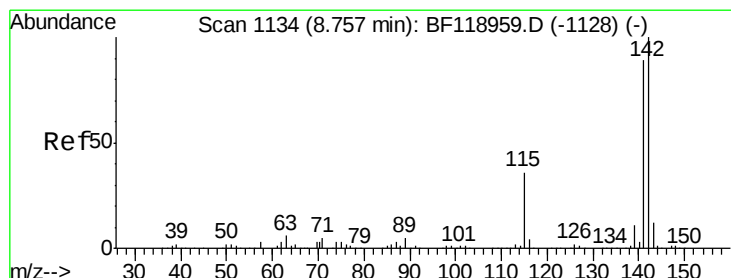
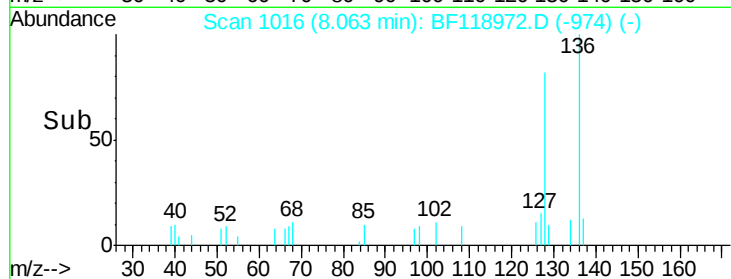
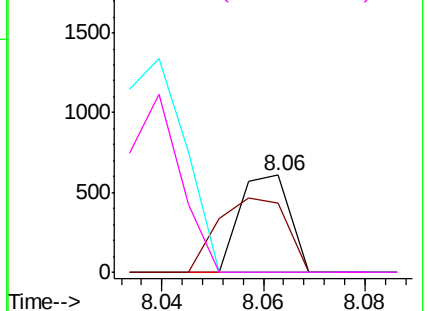
#33
4-Chloroaniline
Concen: 0.024 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.05 min
Lab File: BF118972.D
Acq: 20 Feb 2020 21:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 415
Ion Ratio Lower Upper
127 100
129 70.7 26.2 39.2#
65 0.0 22.0 33.0#
92 0.0 15.5 23.3#

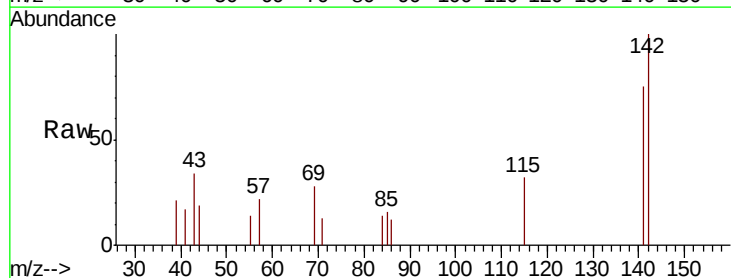


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

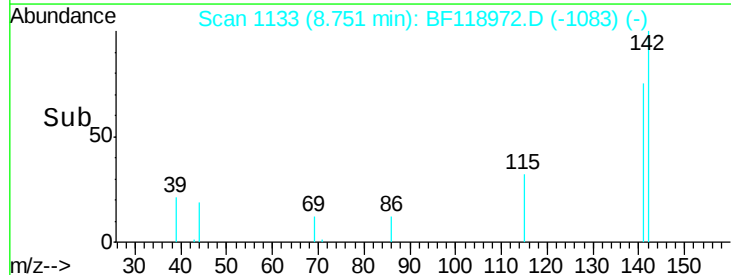
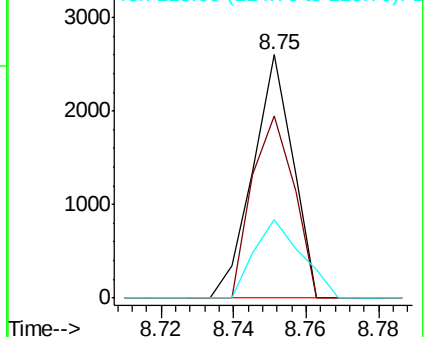


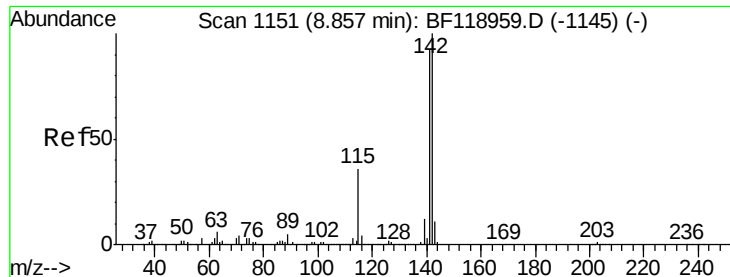
#37
2-Methylnaphthalene
Concen: 0.075 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF118972.D
Acq: 20 Feb 2020 21:40

Tgt Ion:142 Resp: 1981
Ion Ratio Lower Upper
142 100
141 74.7 71.0 106.4
115 32.4 28.6 42.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

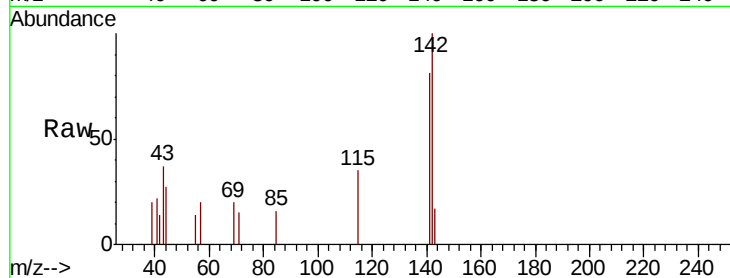




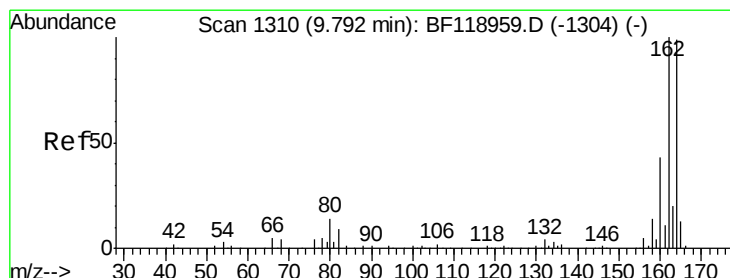
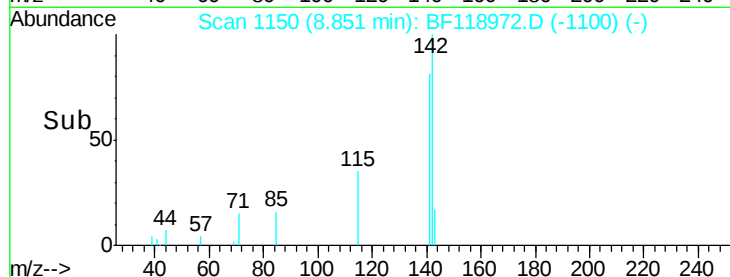
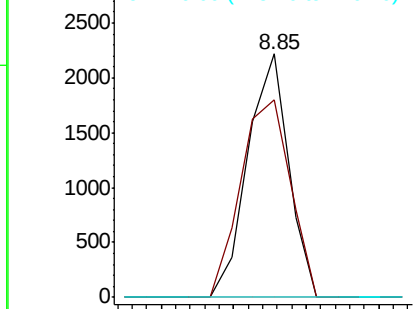
#38
1-Methylnaphthalene
Concen: 0.069 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF118972.D
Acq: 20 Feb 2020 21:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1732
Ion Ratio Lower Upper
142 100
141 80.9 73.7 110.5
116 0.0 3.0 4.6#

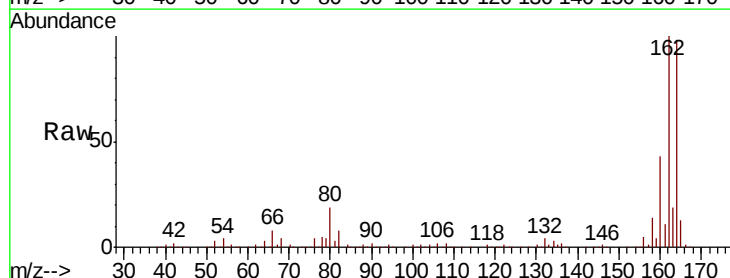


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

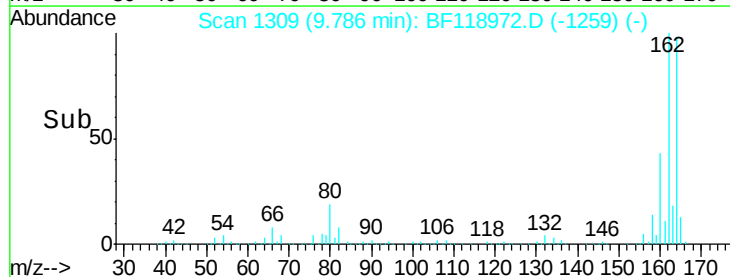
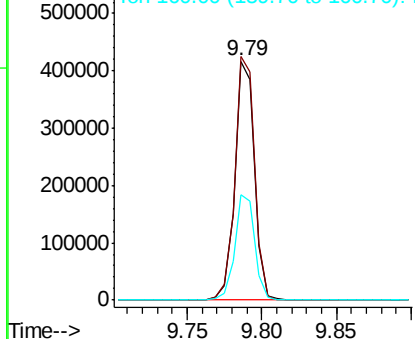


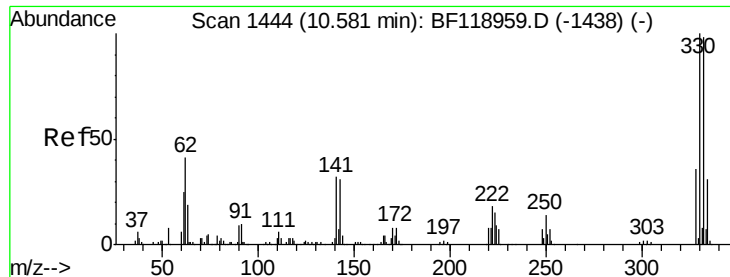
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF118972.D
Acq: 20 Feb 2020 21:40

Tgt Ion:164 Resp: 385065
Ion Ratio Lower Upper
164 100
162 101.9 81.2 121.8
160 44.0 35.2 52.8



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

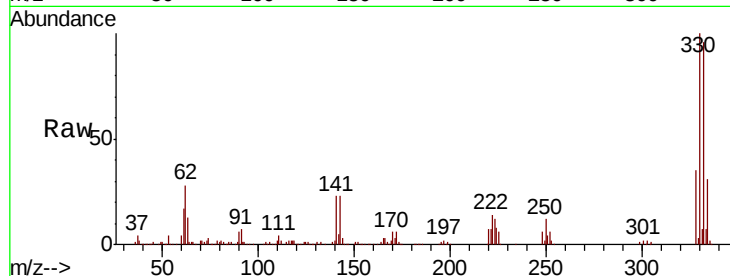




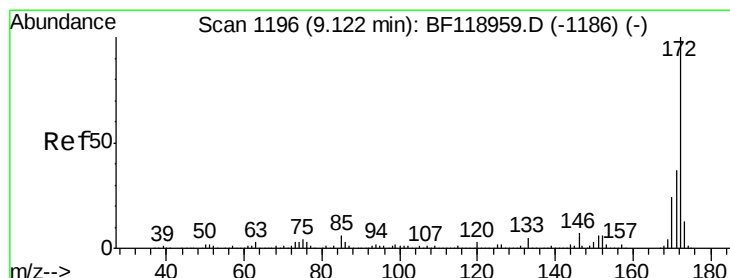
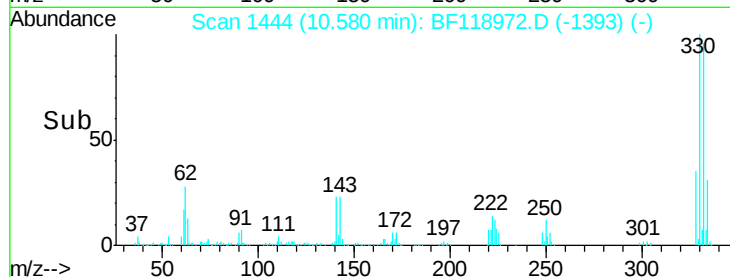
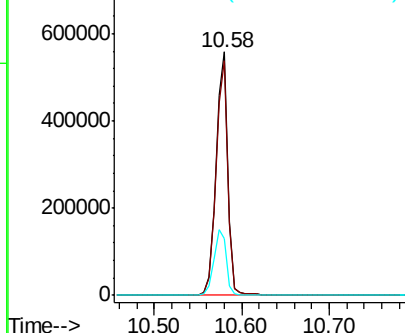
#42
 2,4,6-Tribromophenol
 Concen: 103.617 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF118972.D
 Acq: 20 Feb 2020 21:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	28.5	23.0	34.6

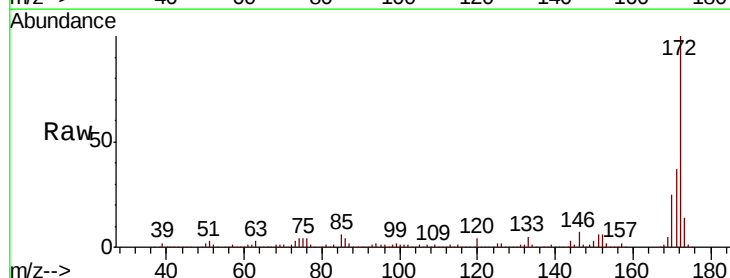


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

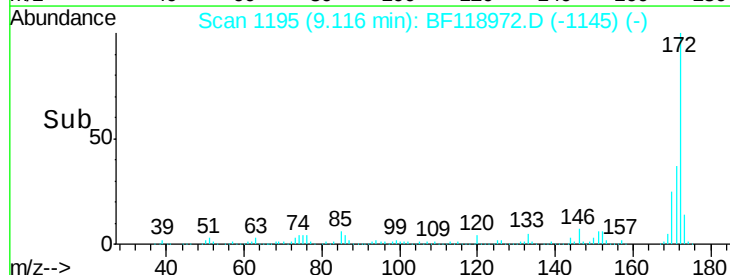
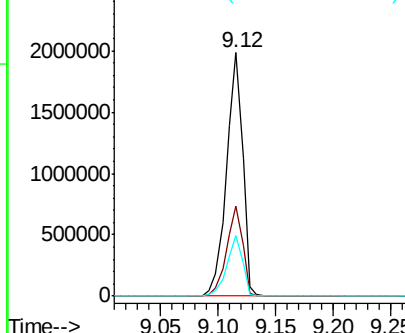


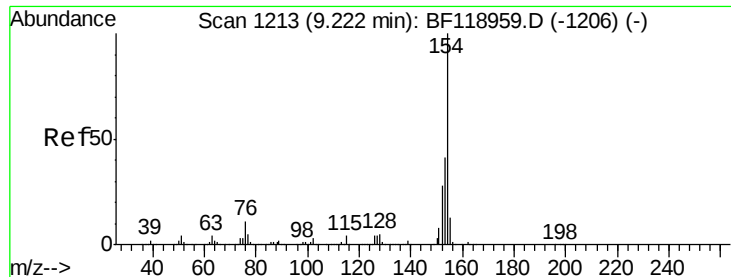
#45
 2-Fluorobiphenyl
 Concen: 73.653 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF118972.D
 Acq: 20 Feb 2020 21:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.4	44.2
170	24.9	19.6	29.4



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

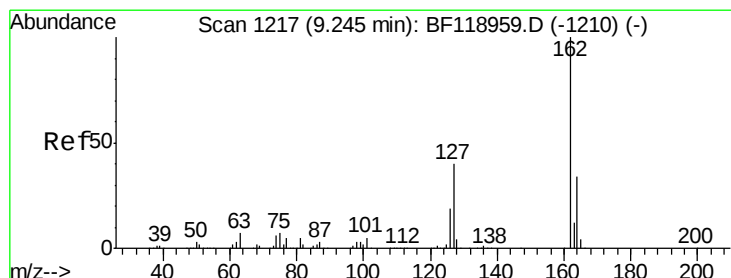
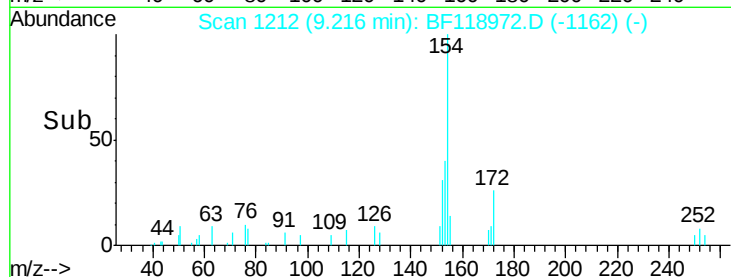
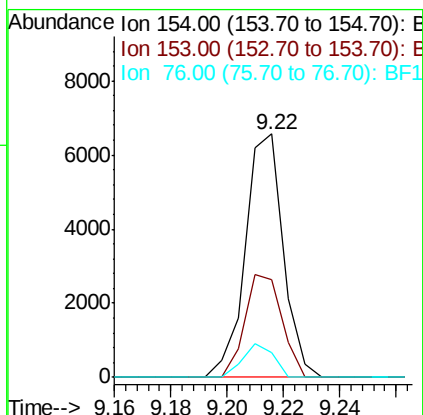
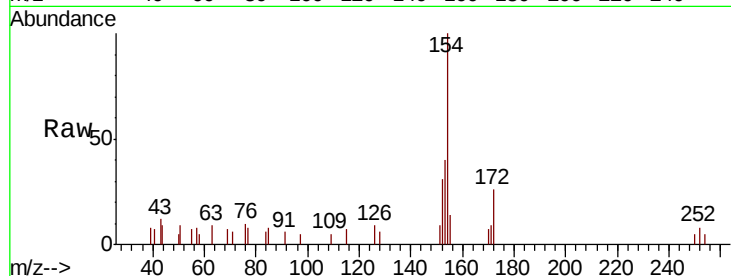




#46
 1,1'-Biphenyl
 Concen: 0.196 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF118972.D
 Acq: 20 Feb 2020 21:40

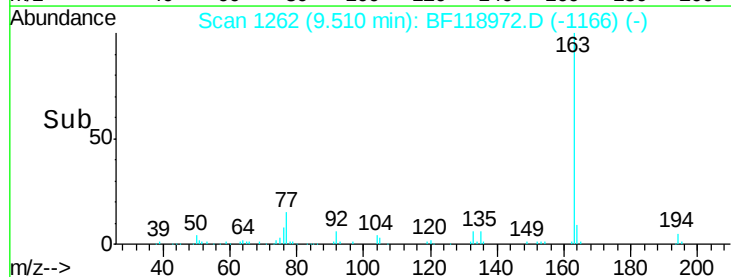
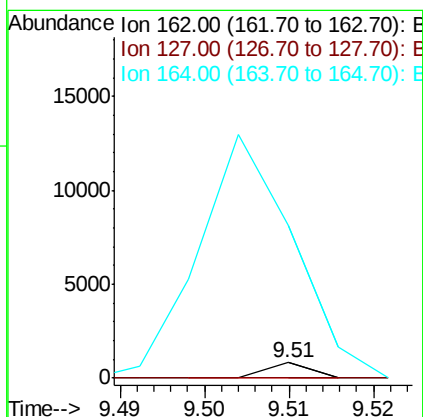
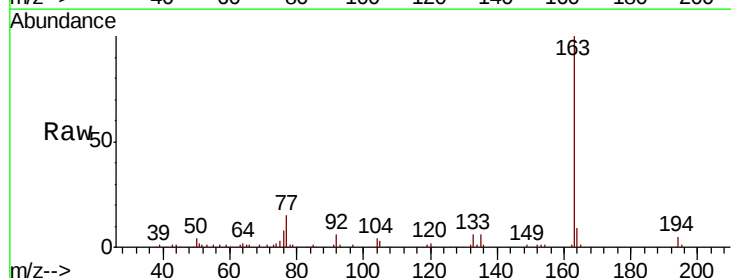
Instrument :
 BNA_F
 ClientSampleId :

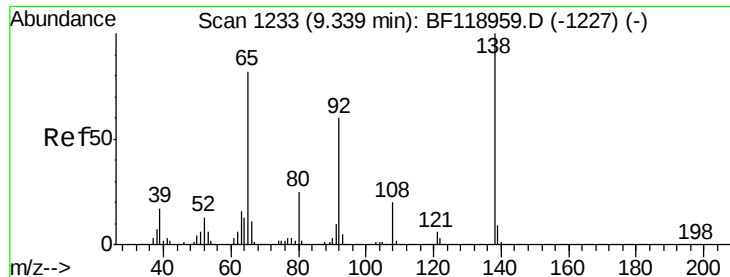
Tot Ion:154 Resp: 6099
 Ion Ratio Lower Upper
 154 100
 153 40.2 21.2 61.2
 76 10.1 0.0 31.1



#47
 2-Chloronaphthalene
 Concen: 0.012 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. 0.26 min
 Lab File: BF118972.D
 Acq: 20 Feb 2020 21:40

Tgt Ion:162 Resp: 294
 Ion Ratio Lower Upper
 162 100
 127 0.0 31.9 47.9#
 164 974.3 26.8 40.2#

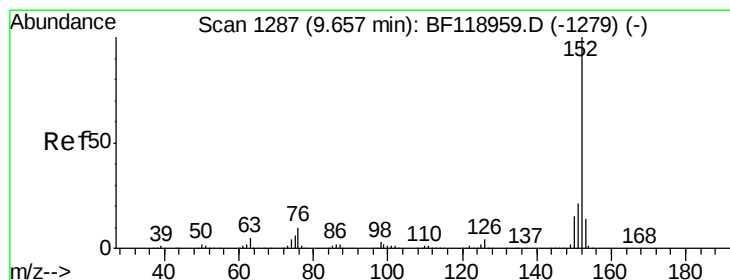
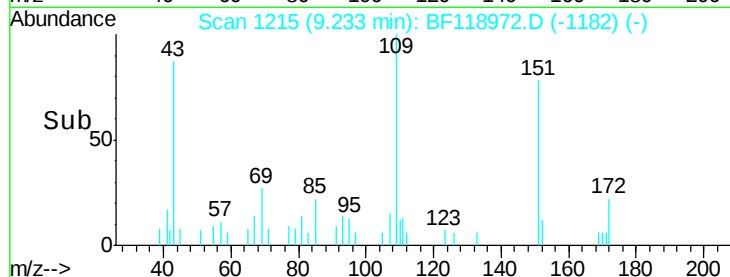
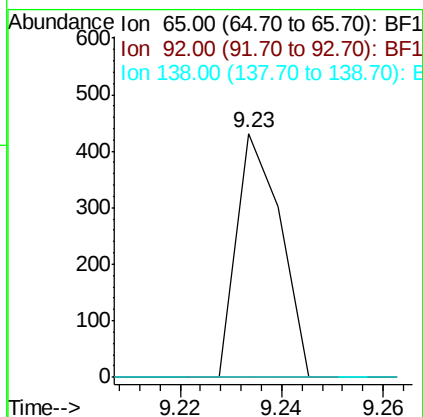
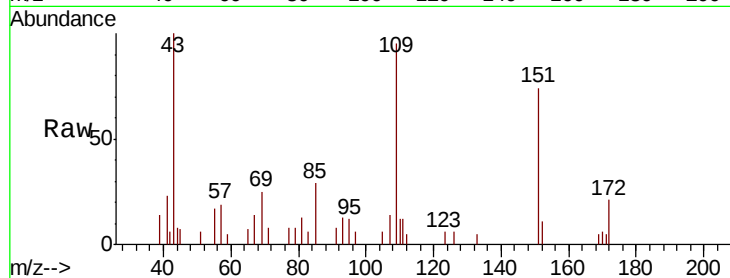




#48
2-Nitroaniline
Concen: 0.037 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.11 min
Lab File: BF118972.D
Acq: 20 Feb 2020 21:40

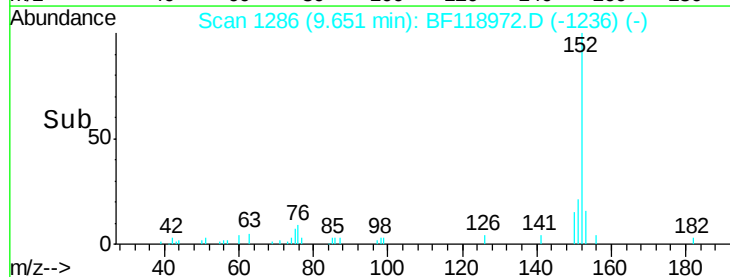
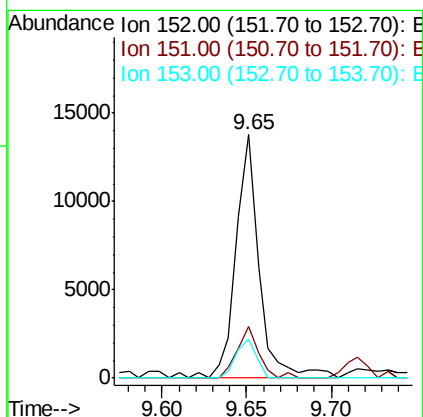
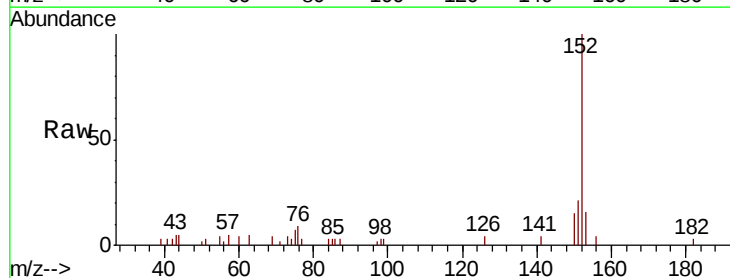
Instrument :
BNA_F
ClientSampleId :

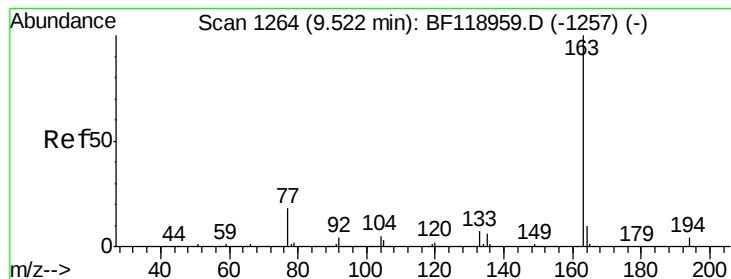
Tot Ion: 65 Resp: 259
Ion Ratio Lower Upper
65 100
92 0.0 58.6 87.8#
138 0.0 97.5 146.3#



#49
Acenaphthylene
Concen: 0.364 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF118972.D
Acq: 20 Feb 2020 21:40

Tgt Ion: 152 Resp: 13197
Ion Ratio Lower Upper
152 100
151 21.0 16.7 25.1
153 15.9 10.9 16.3





#50

Dimethylphthalate

Concen: 3.385 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF118972.D

Acq: 20 Feb 2020 21:40

Instrument :

BNA_F

ClientSampleId :

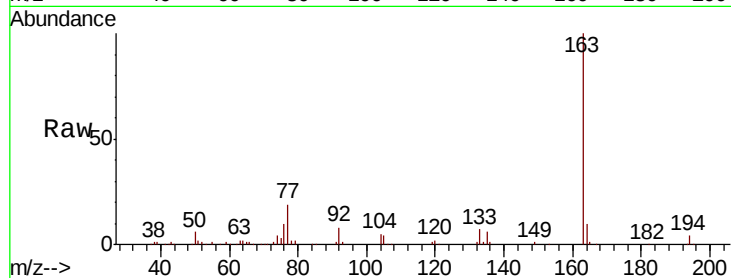
Tot Ion:163 Resp: 99673

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

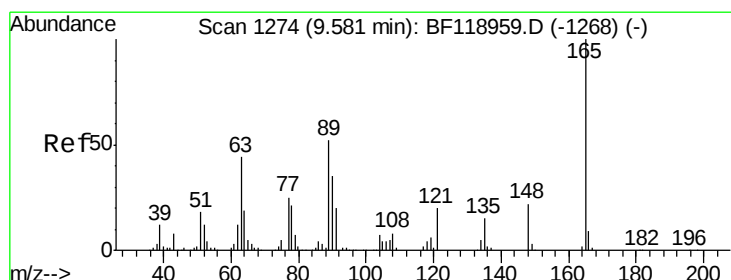
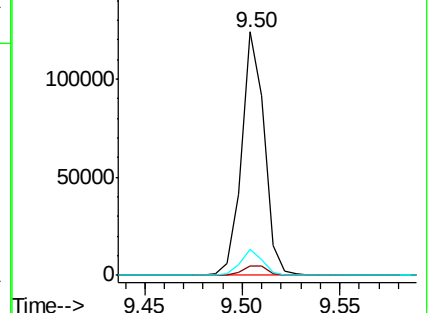
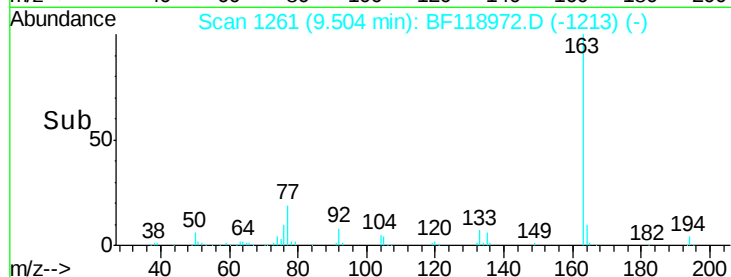
164 10.5 8.2 12.2



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: 7.756 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.21 min

Lab File: BF118972.D

Acq: 20 Feb 2020 21:40

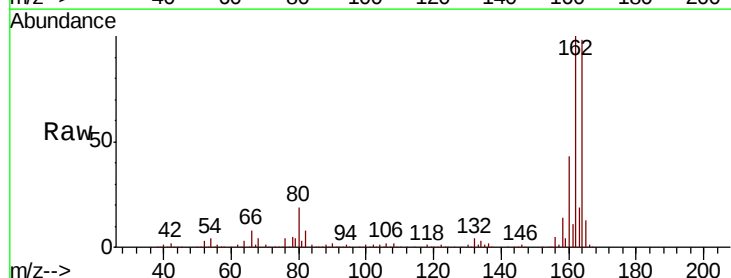
Tgt Ion:165 Resp: 50741

Ion Ratio Lower Upper

165 100

63 1.5 37.9 56.9#

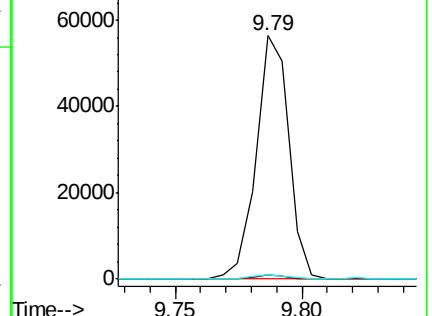
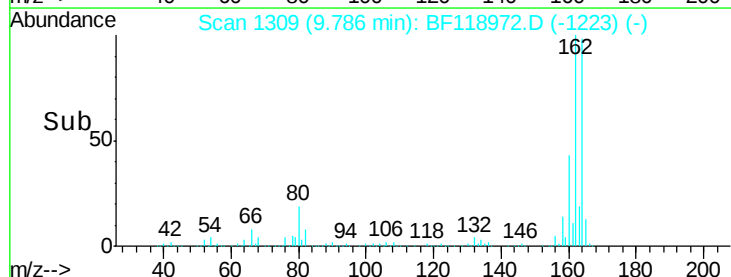
89 1.6 41.4 62.0#

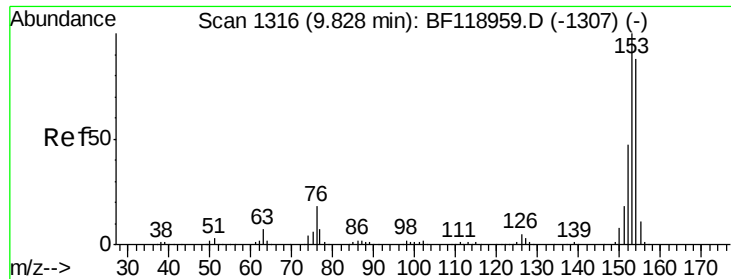


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 0.076 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF118972.D

Acq: 20 Feb 2020 21:40

Instrument :

BNA_F

ClientSampleId :

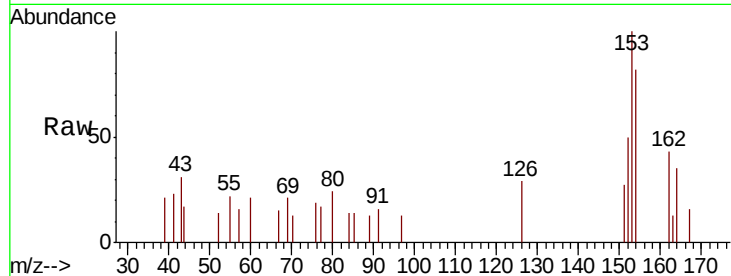
Tot Ion:154 Resp: 1669

Ion Ratio Lower Upper

154 100

153 122.2 90.4 135.6

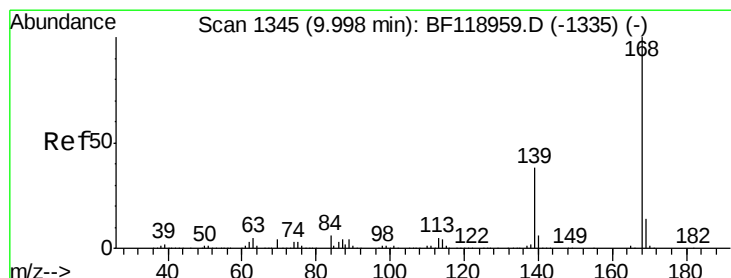
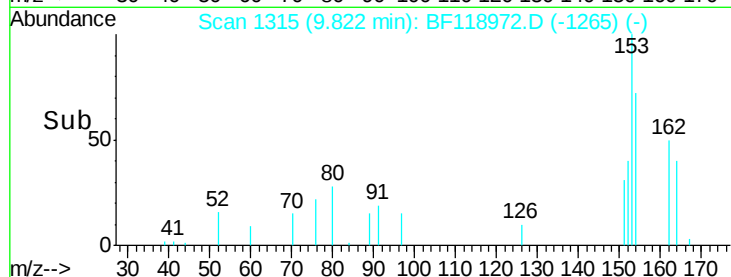
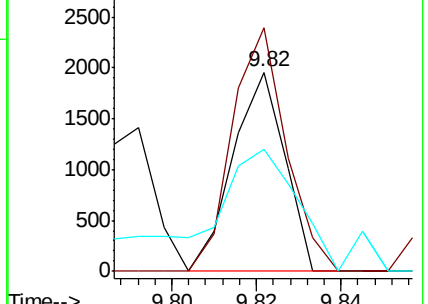
152 61.5 42.9 64.3



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



#55

Dibenzofuran

Concen: 0.047 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF118972.D

Acq: 20 Feb 2020 21:40

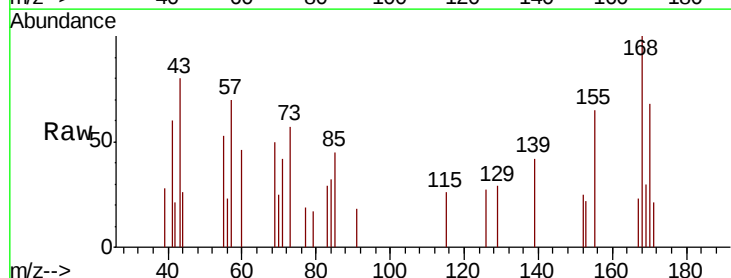
Tgt Ion:168 Resp: 1529

Ion Ratio Lower Upper

168 100

139 42.2 31.7 47.5

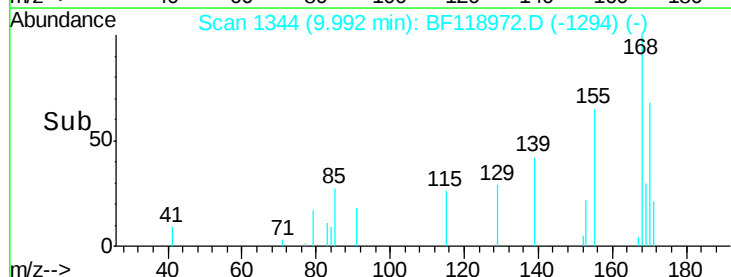
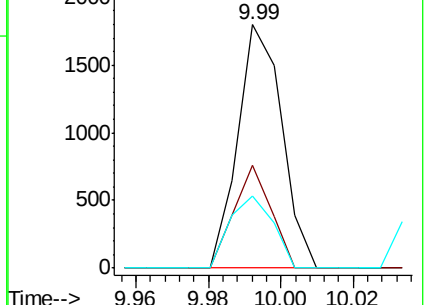
169 29.6 11.0 16.4#

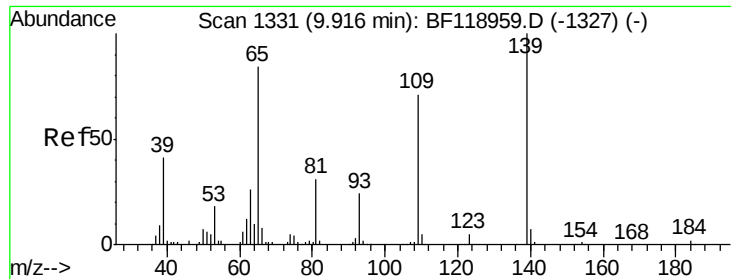


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

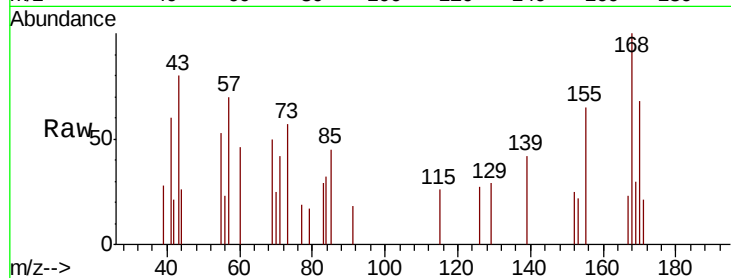




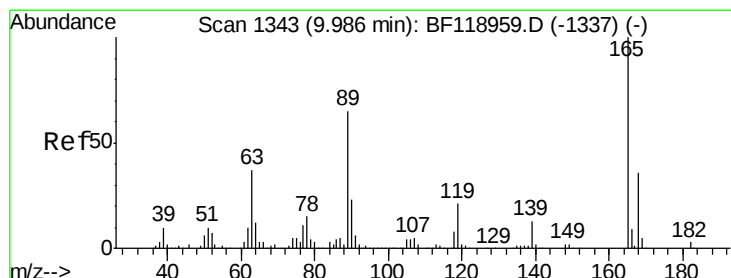
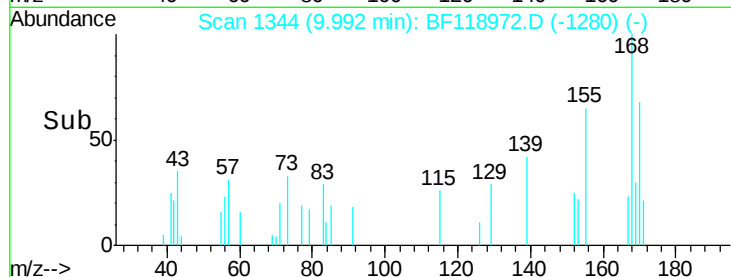
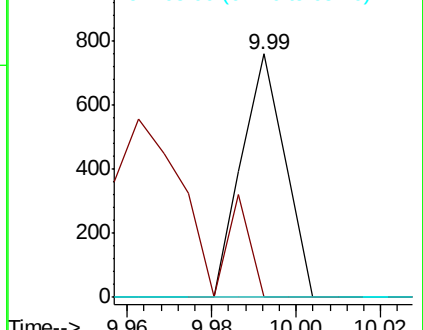
#56
4-Nitrophenol
Concen: 0.124 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.08 min
Lab File: BF118972.D
Acq: 20 Feb 2020 21:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 542
Ion Ratio Lower Upper
139 100
109 0.0 51.1 91.1#
65 0.0 64.7 104.7#

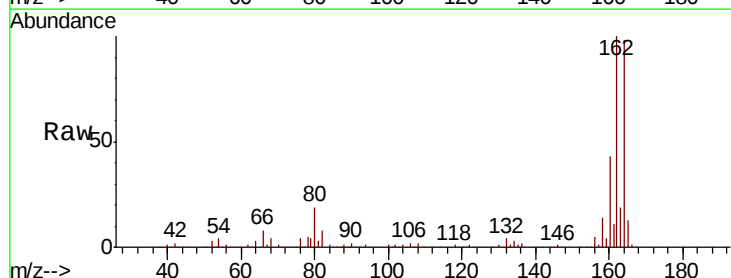


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

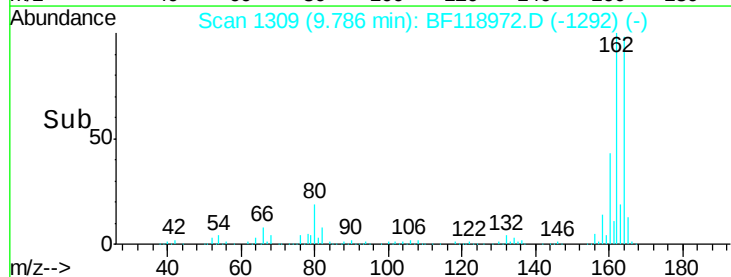
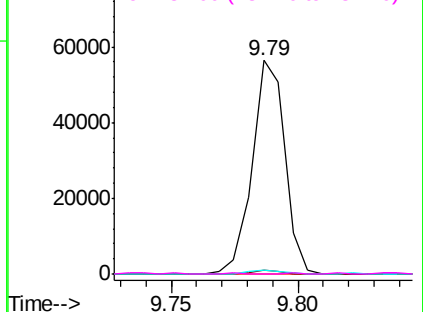


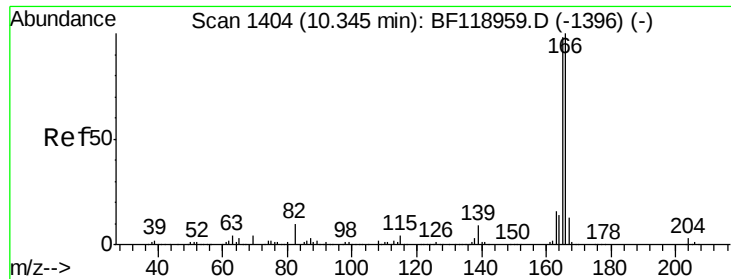
#57
2,4-Dinitrotoluene
Concen: 5.984 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.20 min
Lab File: BF118972.D
Acq: 20 Feb 2020 21:40

Tgt Ion:165 Resp: 50741
Ion Ratio Lower Upper
165 100
63 1.5 29.8 44.8#
89 1.6 51.9 77.9#
182 0.0 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: 0.125 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF118972.D

Acq: 20 Feb 2020 21:40

Instrument :

BNA_F

ClientSampleId :

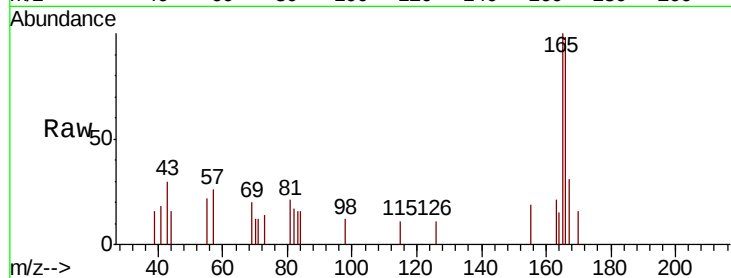
Tot Ion:166 Resp: 3175

Ion Ratio Lower Upper

166 100

165 102.0 78.2 117.4

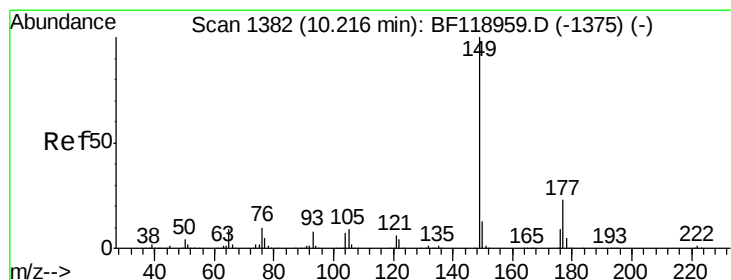
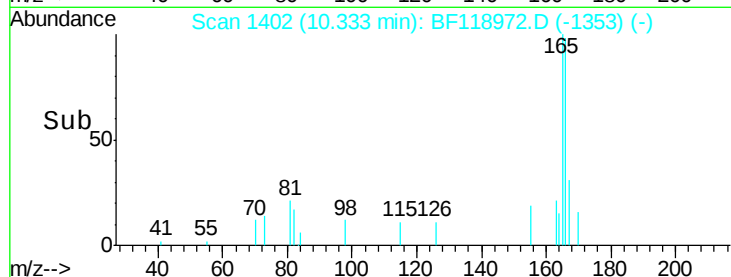
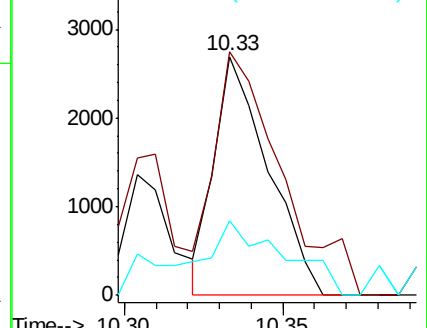
167 31.5 10.6 16.0#



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



#60

Diethylphthalate

Concen: 0.021 ng

RT: 10.20 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BF118972.D

Acq: 20 Feb 2020 21:40

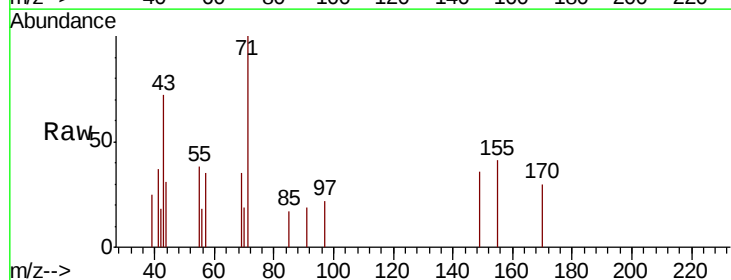
Tgt Ion:149 Resp: 577

Ion Ratio Lower Upper

149 100

177 0.0 18.1 27.1#

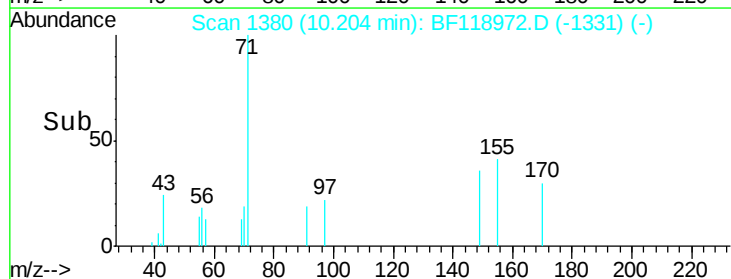
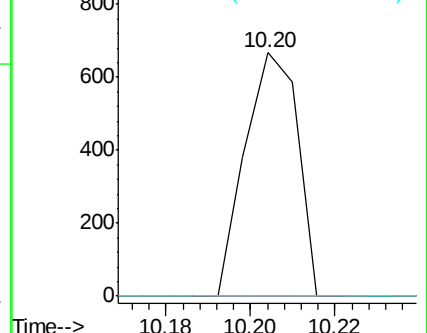
150 0.0 10.4 15.6#

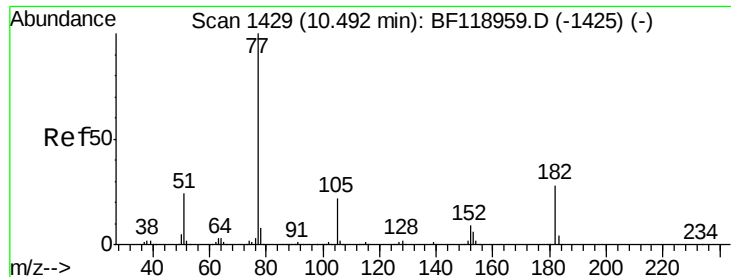


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

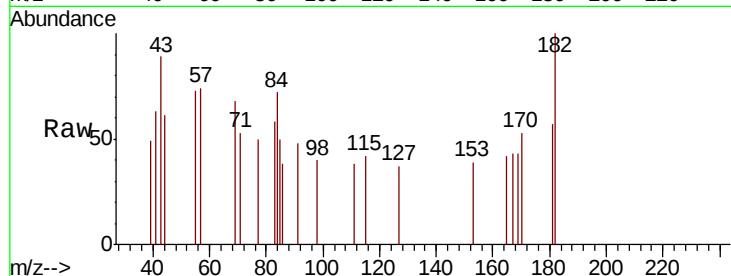




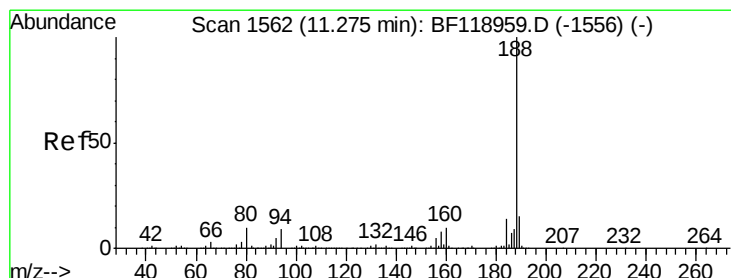
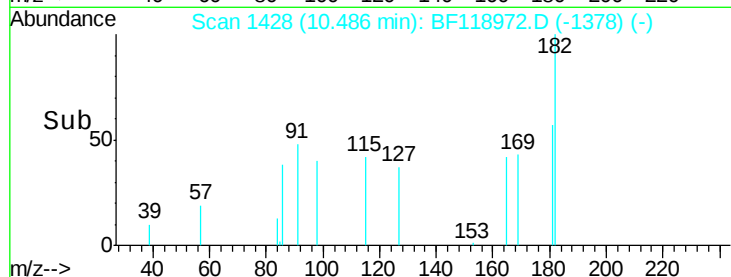
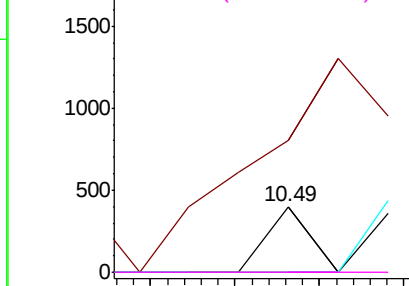
#63
Azobenzene
Concen: 0.006 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF118972.D
Acq: 20 Feb 2020 21:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 141
Ion Ratio Lower Upper
77 100
182 201.5 8.2 48.2#
105 0.0 2.3 42.3#
51 0.0 3.6 43.6#

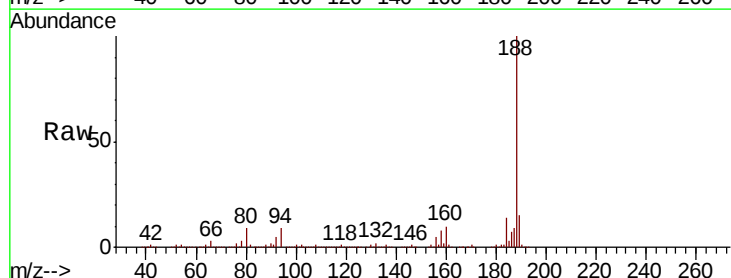


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

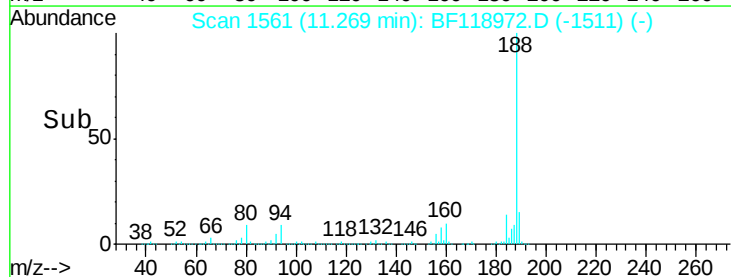
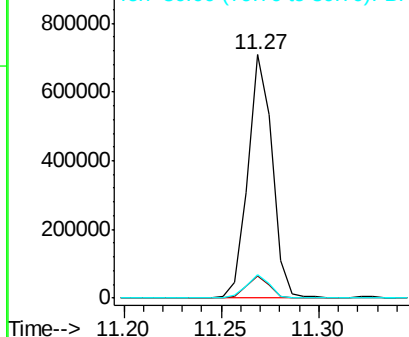


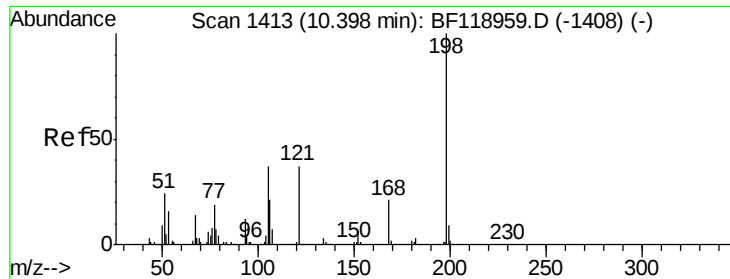
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF118972.D
Acq: 20 Feb 2020 21:40

Tgt Ion: 188 Resp: 612374
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 9.5 7.9 11.9



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

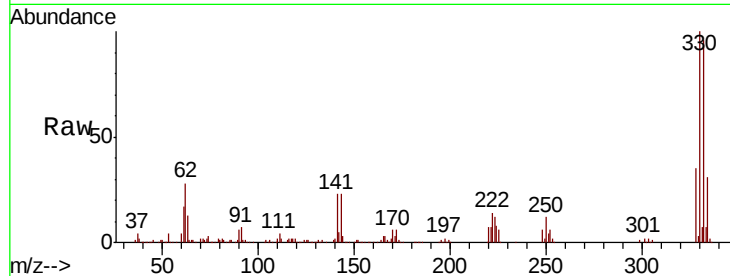




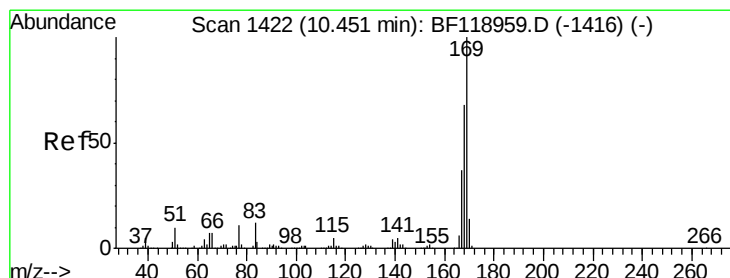
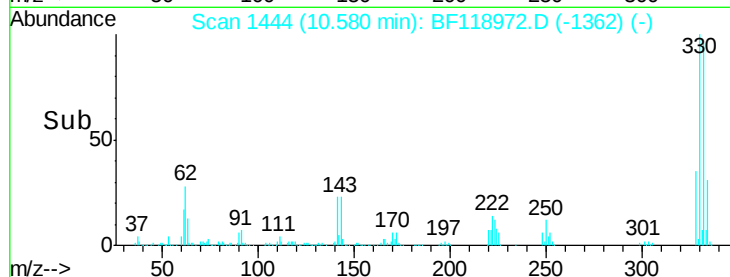
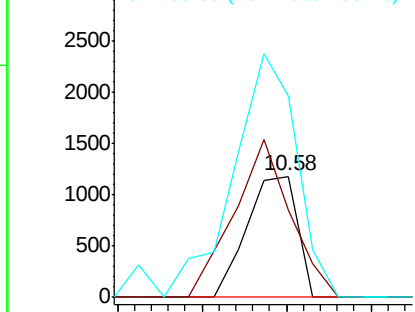
#65
4,6-Dinitro-2-methylphenol
Concen: 0.266 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.18 min
Lab File: BF118972.D
Acq: 20 Feb 2020 21:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 984
Ion Ratio Lower Upper
198 100
51 72.6 7.1 47.1#
105 166.6 18.3 58.3#

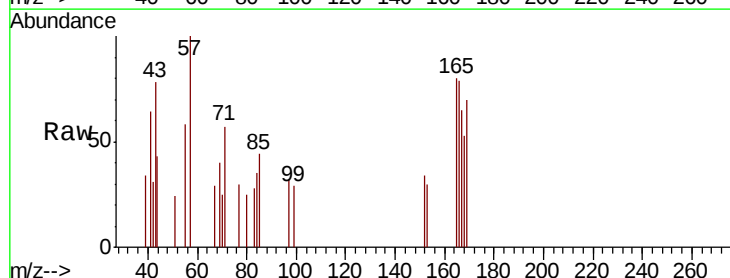


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

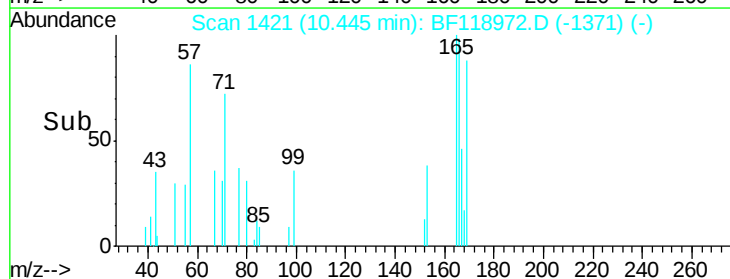
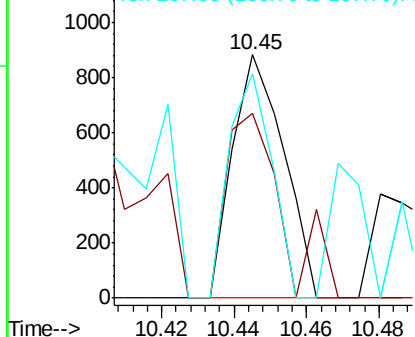


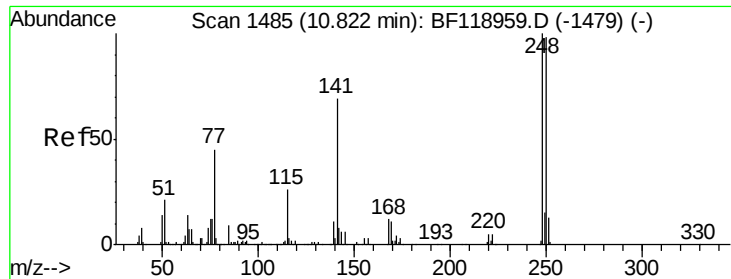
#66
n-Nitrosodiphenylamine
Concen: 0.043 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF118972.D
Acq: 20 Feb 2020 21:40

Tgt Ion:169 Resp: 868
Ion Ratio Lower Upper
169 100
168 75.8 54.2 81.2
167 92.4 29.4 44.2#



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

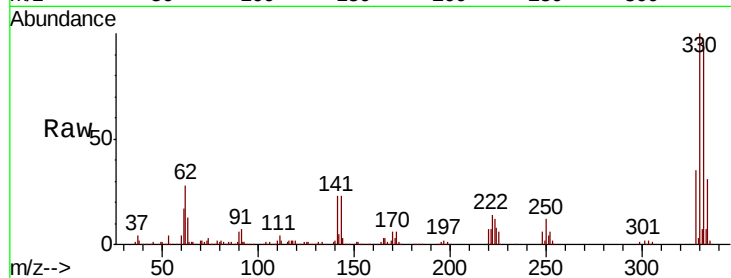




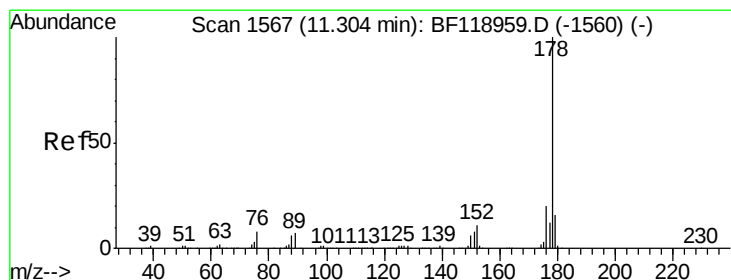
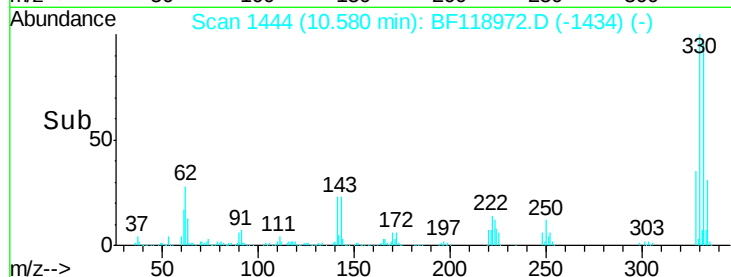
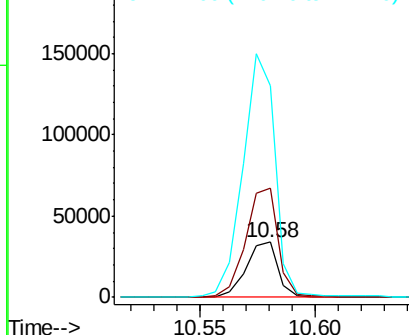
#67
4-Bromophenyl-phenylether
Concen: 4.143 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.24 min
Lab File: BF118972.D
Acq: 20 Feb 2020 21:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 33165
Ion Ratio Lower Upper
248 100
250 198.4 78.8 118.2#
141 381.6 55.3 82.9#

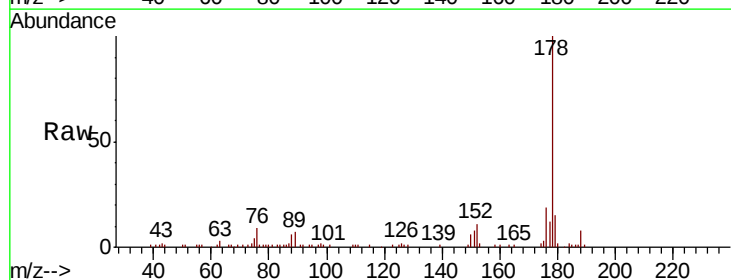


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

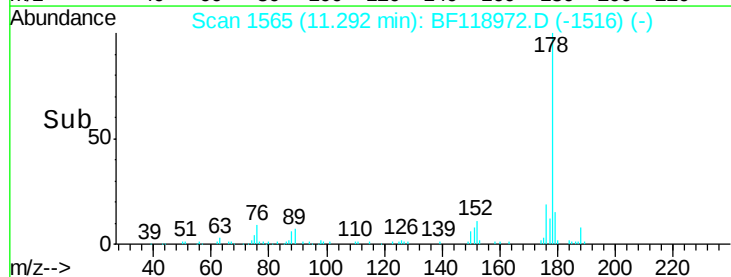
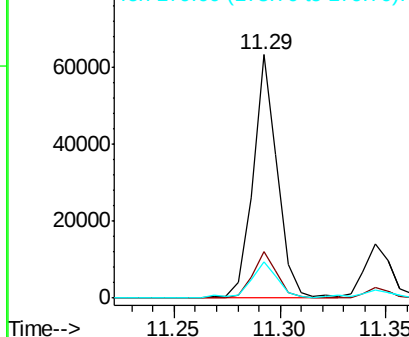


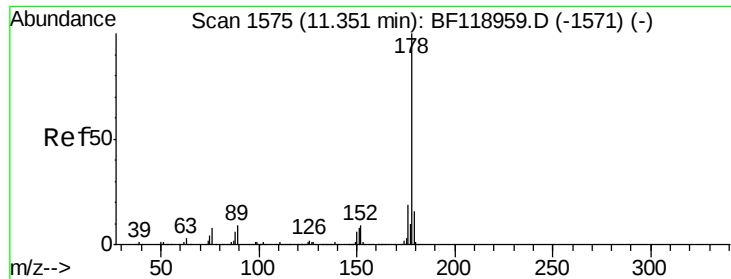
#71
Phenanthrene
Concen: 1.520 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF118972.D
Acq: 20 Feb 2020 21:40

Tgt Ion:178 Resp: 50752
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.1 12.6 18.8



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





#72

Anthracene

Concen: 0.347 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF118972.D

Acq: 20 Feb 2020 21:40

Instrument :

BNA_F

ClientSampleId :

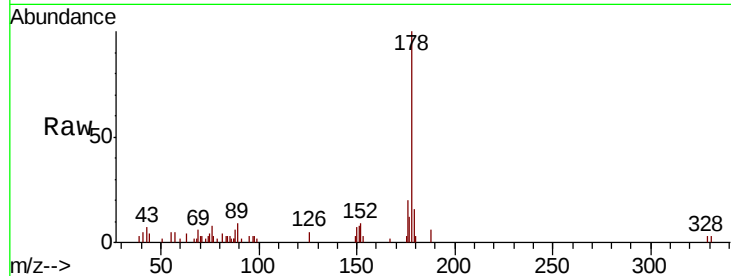
Tot Ion:178 Resp: 11573

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

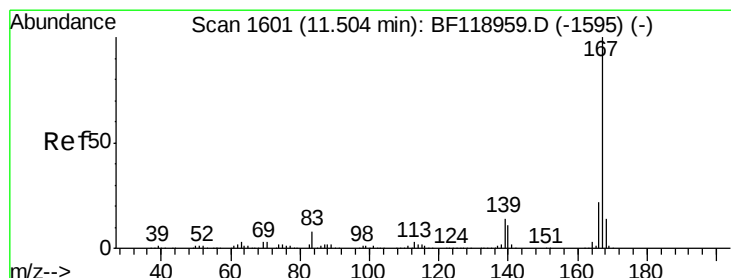
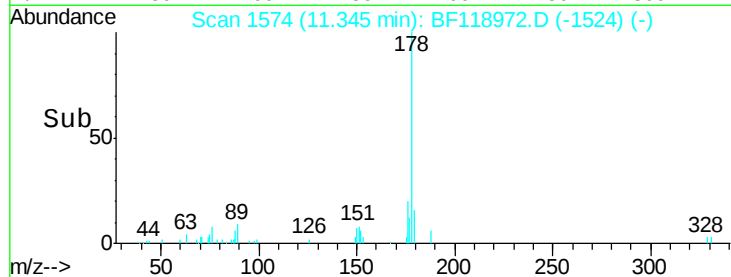
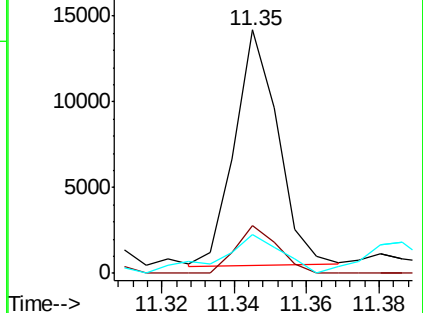
179 15.8 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 0.183 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BF118972.D

Acq: 20 Feb 2020 21:40

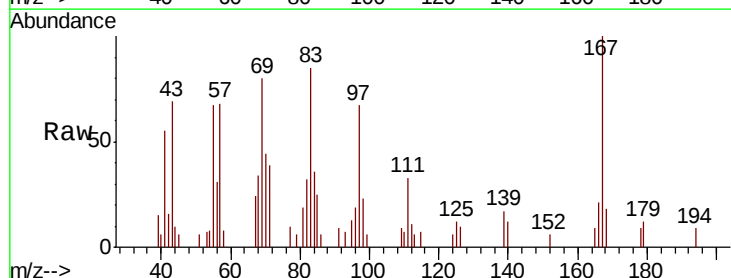
Tgt Ion:167 Resp: 5448

Ion Ratio Lower Upper

167 100

166 20.8 17.8 26.6

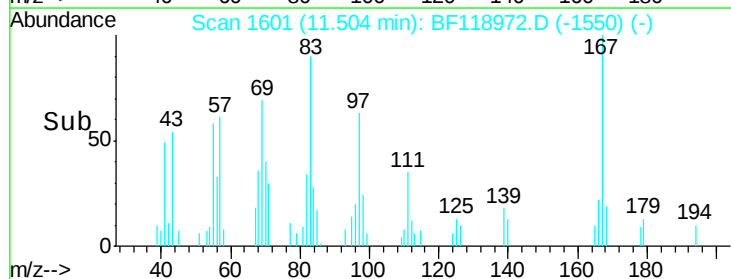
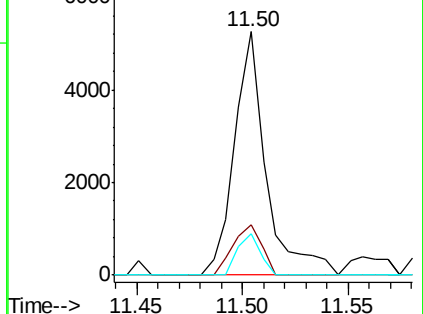
139 16.8 11.2 16.8#

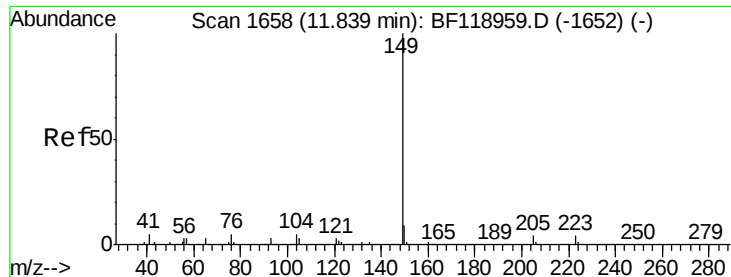


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

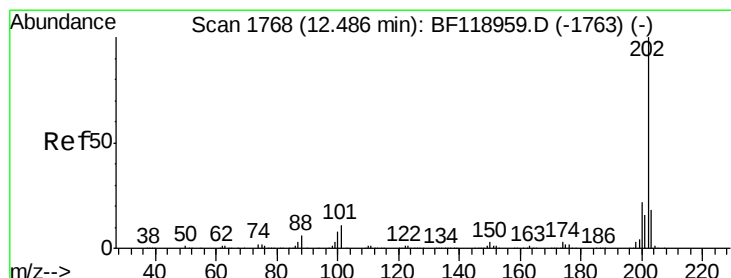
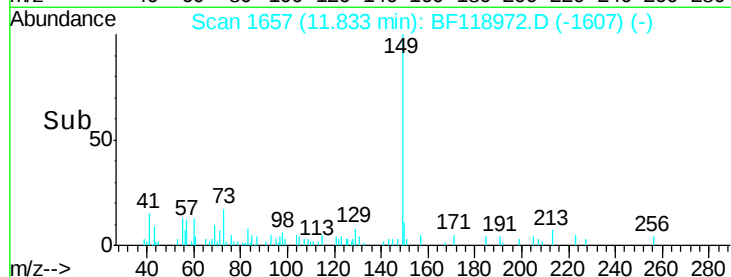
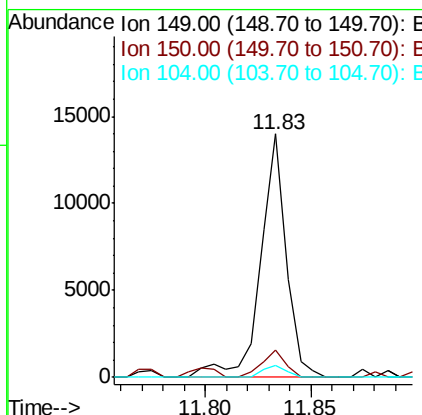
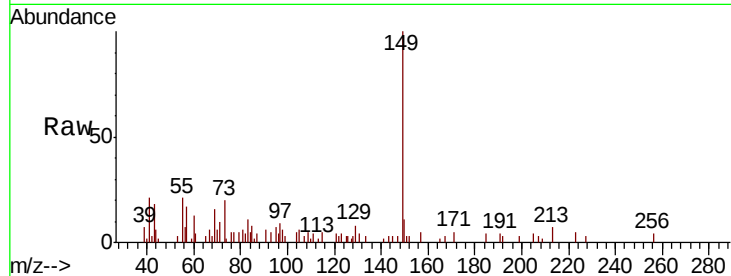




#74
Di-n-butylphthalate
Concen: 0.330 ng
RT: 11.83 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BF118972.D
Acq: 20 Feb 2020 21:40

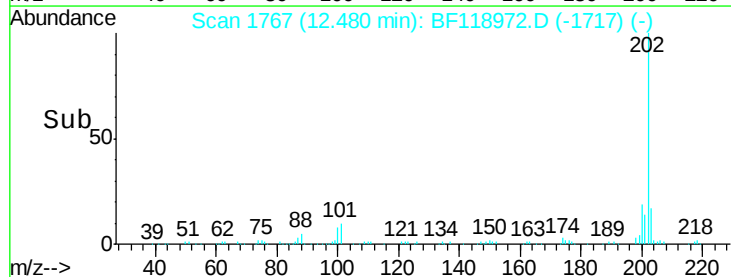
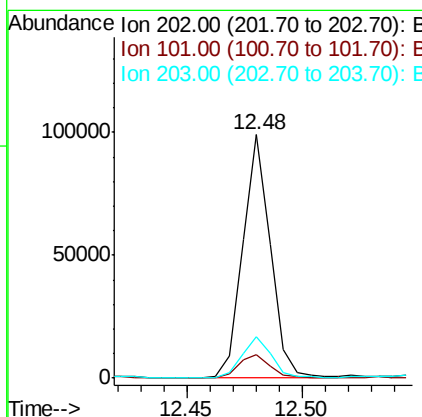
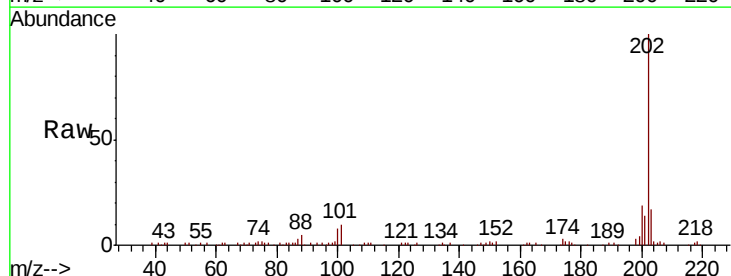
Instrument :
BNA_F
ClientSampleId :

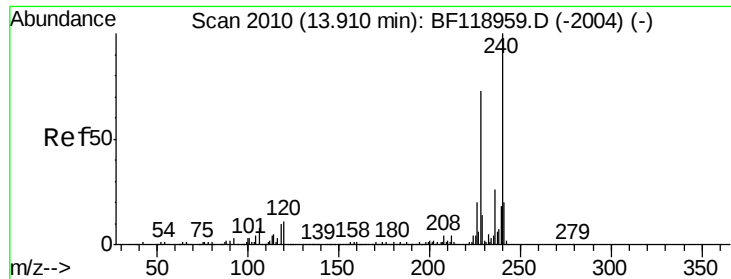
Tot Ion	Ratio	Lower	Upper
149	100		
150	11.3	7.5	11.3
104	5.1	4.0	6.0



#75
Fluoranthene
Concen: 2.363 ng
RT: 12.48 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BF118972.D
Acq: 20 Feb 2020 21:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	31.1
203	16.8	0.0	38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF118972.D

Acq: 20 Feb 2020 21:40

Instrument :

BNA_F

ClientSampleId :

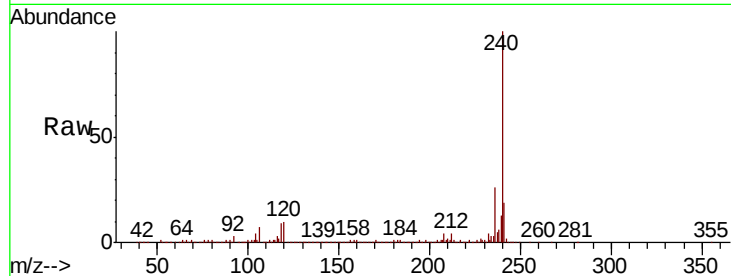
Tot Ion:240 Resp: 433912

Ion Ratio Lower Upper

240 100

120 10.0 8.9 13.3

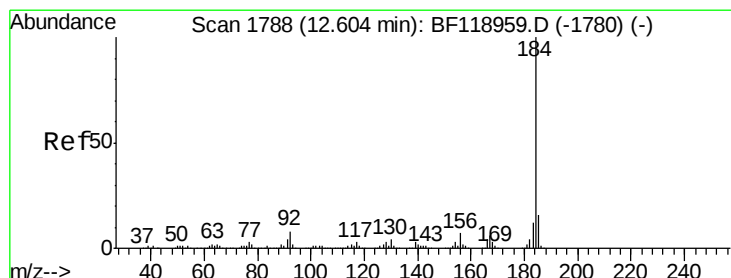
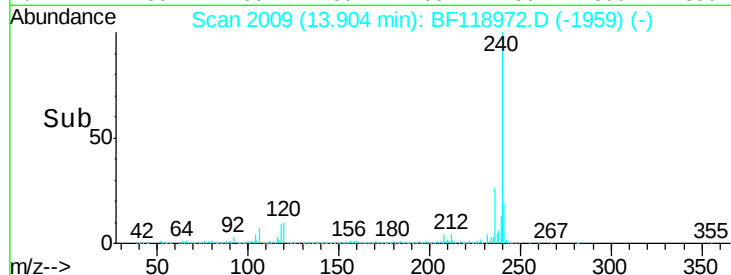
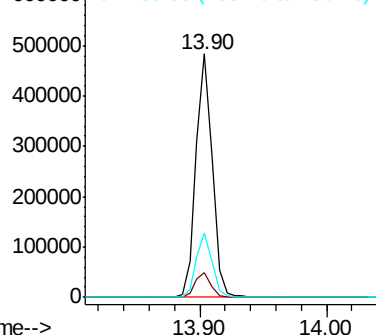
236 26.2 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 1.209 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.25 min

Lab File: BF118972.D

Acq: 20 Feb 2020 21:40

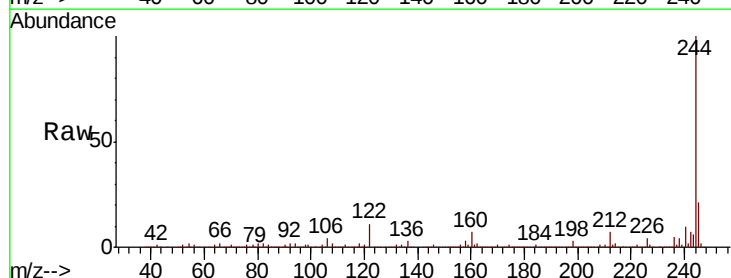
Tgt Ion:184 Resp: 21338

Ion Ratio Lower Upper

184 100

185 17.3 12.6 19.0

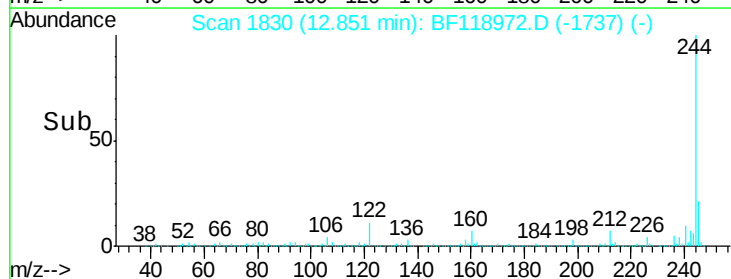
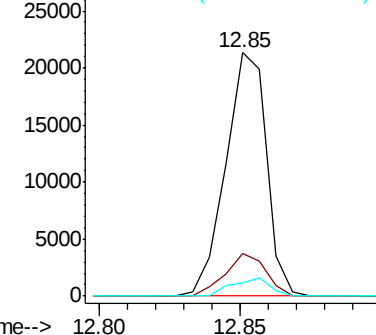
183 5.5 9.9 14.9#

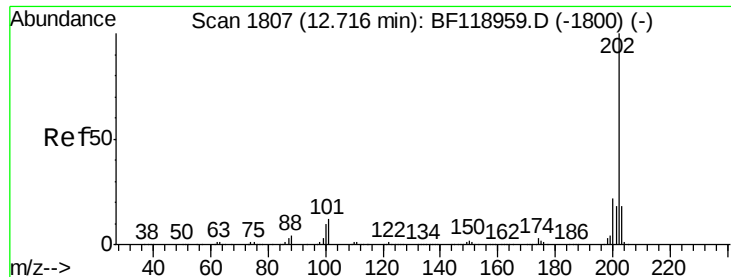


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 2.482 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF118972.D

Acq: 20 Feb 2020 21:40

Instrument :

BNA_F

ClientSampleId :

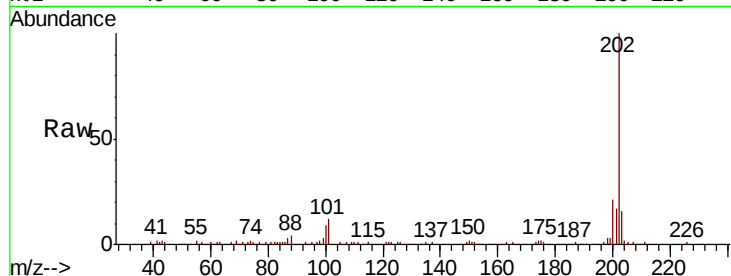
Tot Ion:202 Resp: 86484

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.0

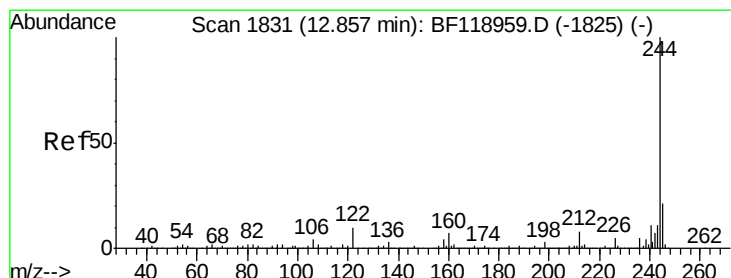
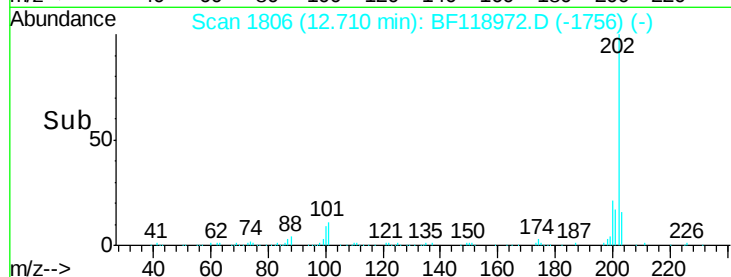
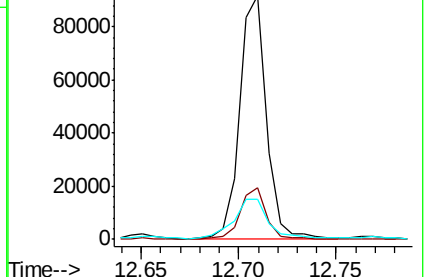
203 16.3 14.5 21.7



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: 66.978 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF118972.D

Acq: 20 Feb 2020 21:40

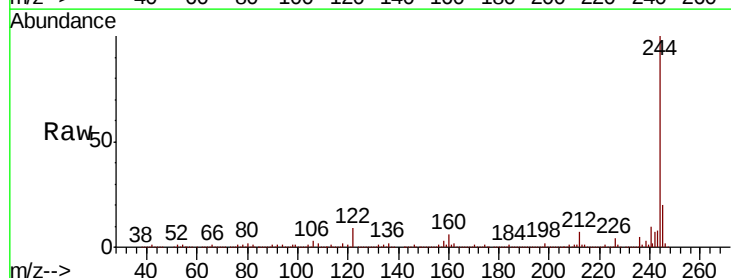
Tgt Ion:244 Resp: 1688044

Ion Ratio Lower Upper

244 100

212 6.9 6.3 9.5

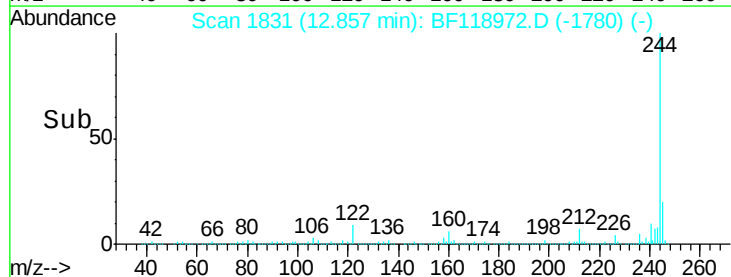
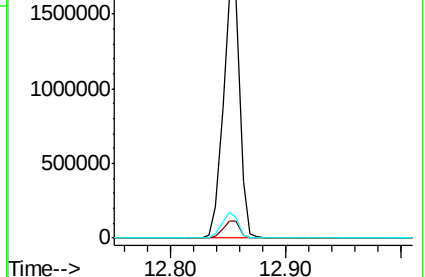
122 8.6 8.4 12.6

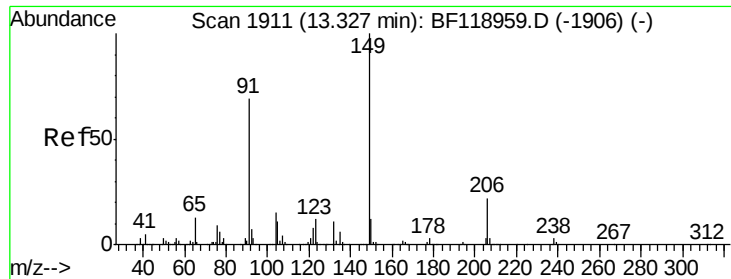


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

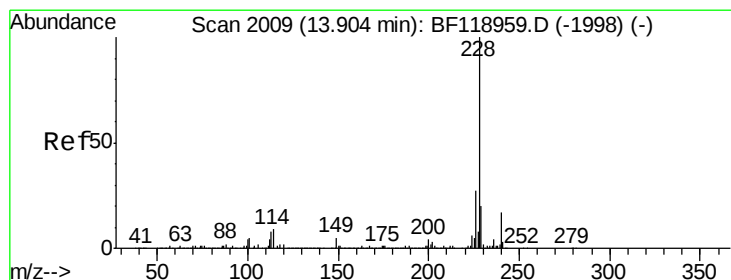
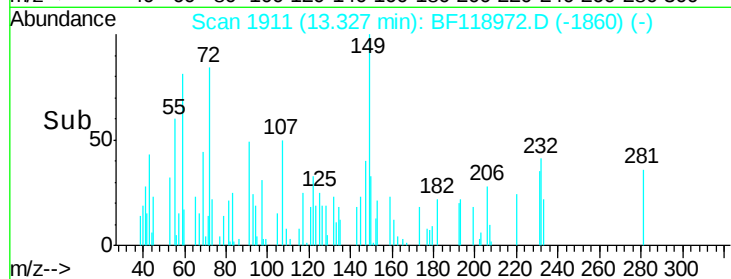
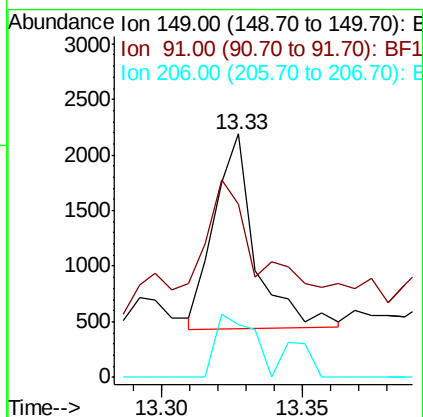
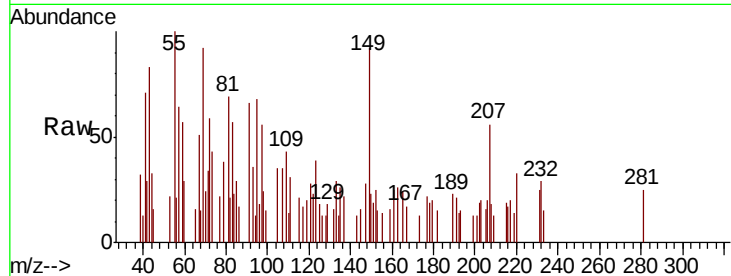




#80
Butylbenzylphthalate
Concen: 0.119 ng
RT: 13.33 min Scan# 1911
Delta R.T. -0.00 min
Lab File: BF118972.D
Acq: 20 Feb 2020 21:40

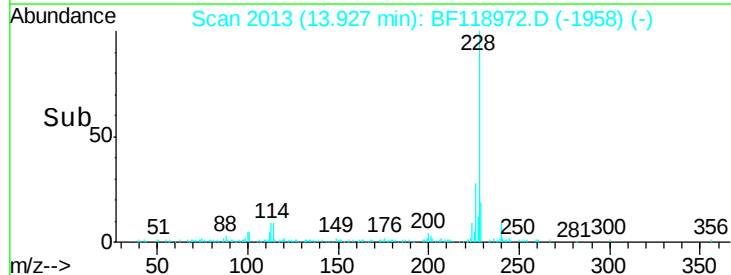
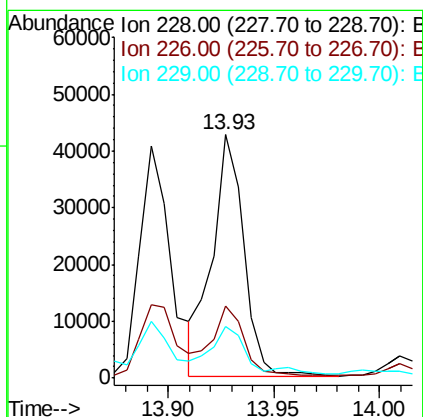
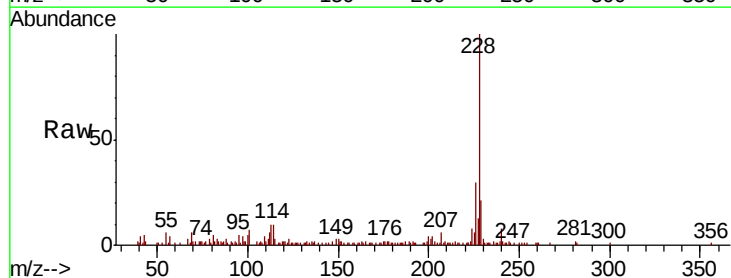
Instrument :
BNA_F
ClientSampled :

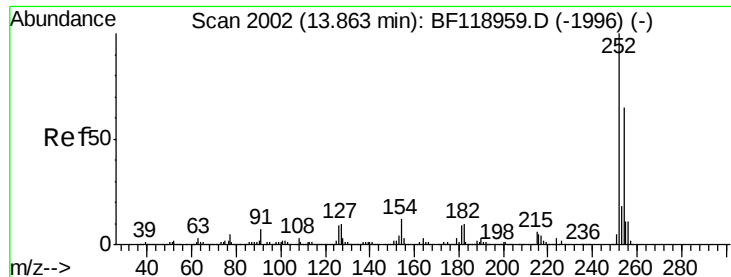
Tot Ion:149 Resp: 1750
Ion Ratio Lower Upper
149 100
91 71.3 55.4 83.2
206 21.6 17.7 26.5



#81
Benzo(a)anthracene
Concen: 1.501 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.02 min
Lab File: BF118972.D
Acq: 20 Feb 2020 21:40

Tgt Ion:228 Resp: 44388
Ion Ratio Lower Upper
228 100
226 29.5 21.8 32.8
229 21.2 16.0 24.0





#82

3,3'-Dichlorobenzidine

Concen: 0.012 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF118972.D

Acq: 20 Feb 2020 21:40

Instrument :

BNA_F

ClientSampleId :

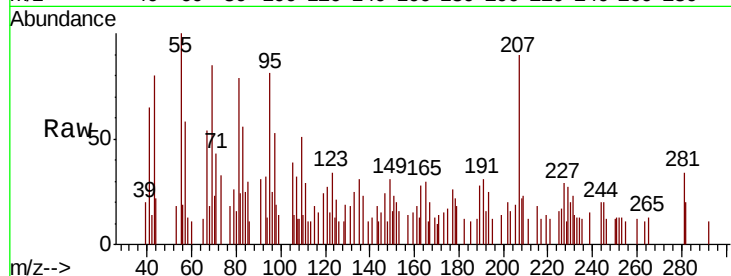
Tot Ion:252 Resp: 134

Ion Ratio Lower Upper

252 100

254 0.0 52.1 78.1#

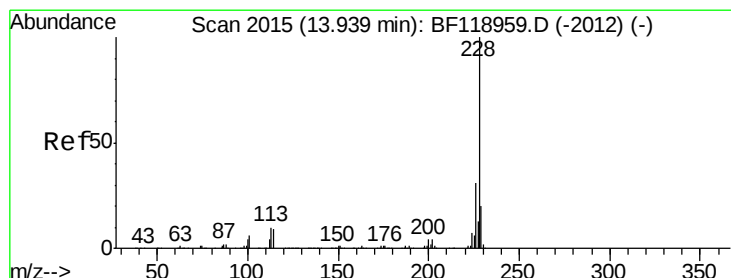
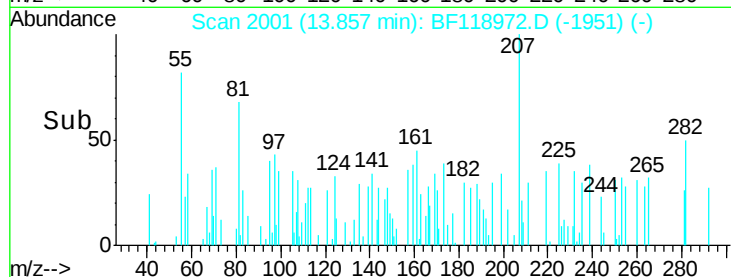
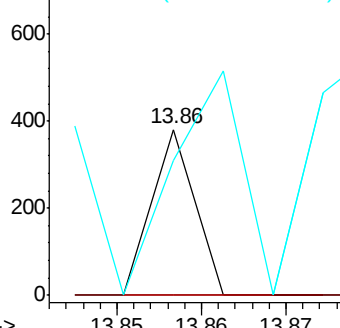
126 81.6 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 1.507 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF118972.D

Acq: 20 Feb 2020 21:40

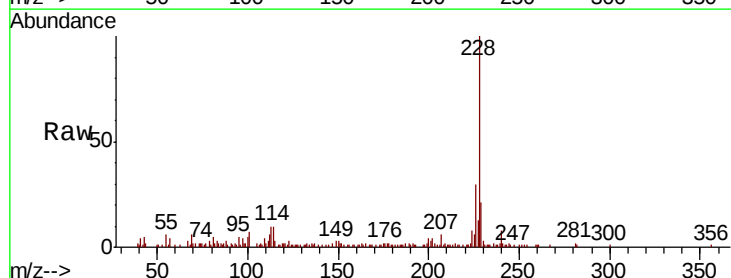
Tgt Ion:228 Resp: 44388

Ion Ratio Lower Upper

228 100

226 29.5 24.6 37.0

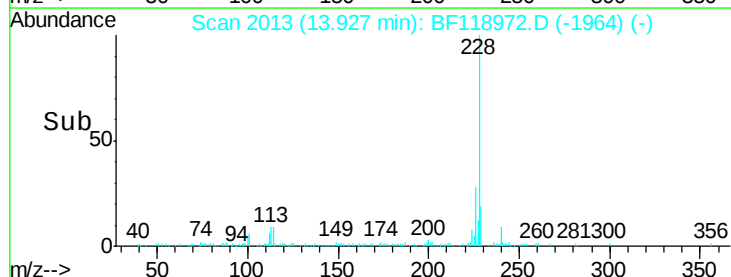
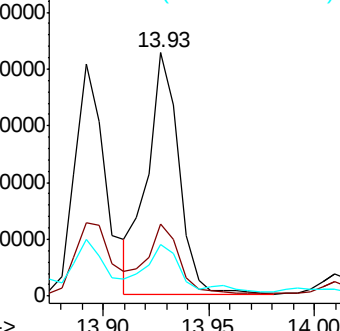
229 21.2 16.2 24.2

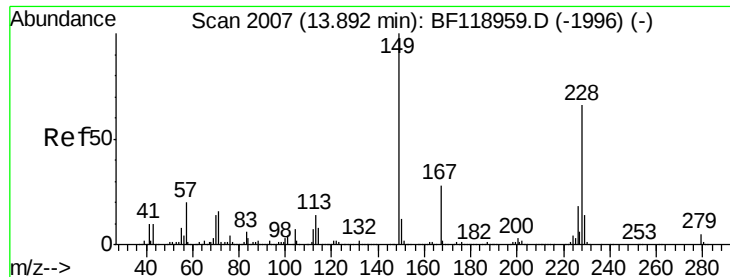


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

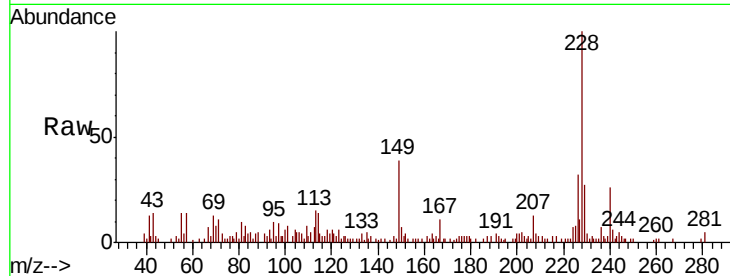




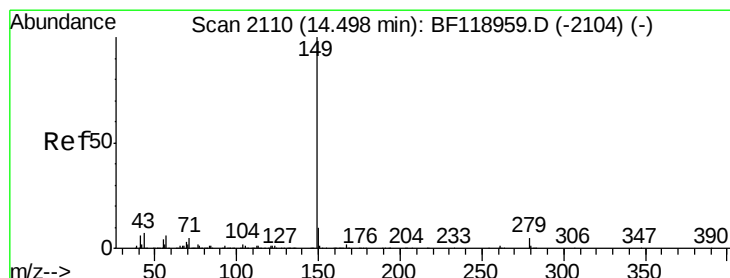
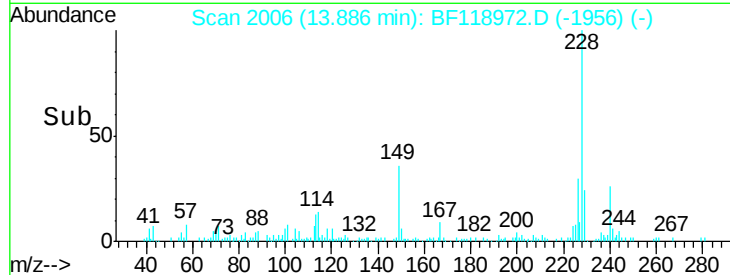
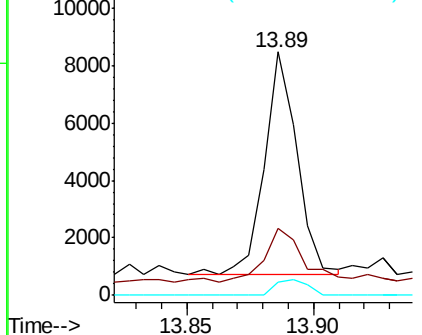
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.377 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF118972.D
 Acq: 20 Feb 2020 21:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 6985
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.3 33.5
 279 5.4 4.2 6.4

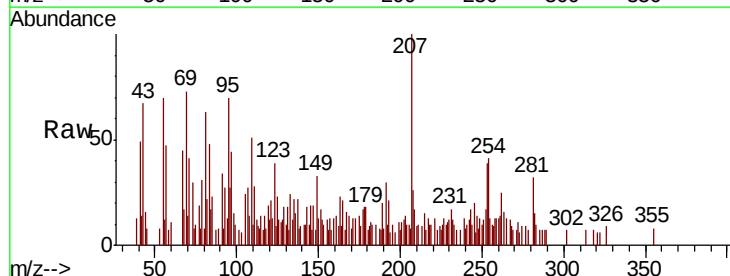


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

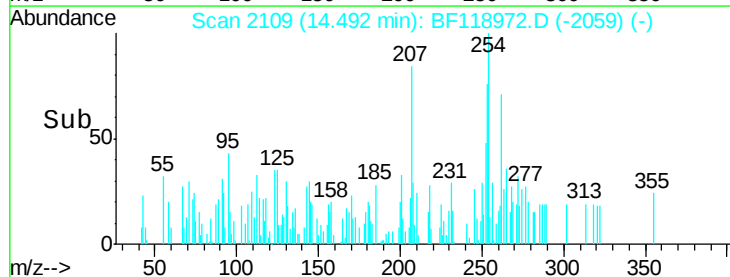
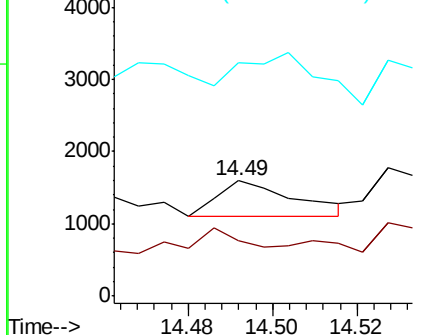


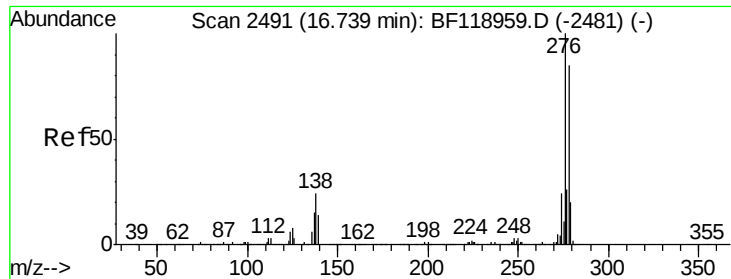
#85
 Di-n-octyl phthalate
 Concen: 0.020 ng
 RT: 14.49 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BF118972.D
 Acq: 20 Feb 2020 21:40

Tgt Ion:149 Resp: 602
 Ion Ratio Lower Upper
 149 100
 167 52.7 1.3 1.9#
 43 155.3 5.2 7.8#



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: 0.821 ng

RT: 16.73 min Scan# 2489

Delta R.T. -0.01 min

Lab File: BF118972.D

Acq: 20 Feb 2020 21:40

Instrument :

BNA_F

ClientSampleId :

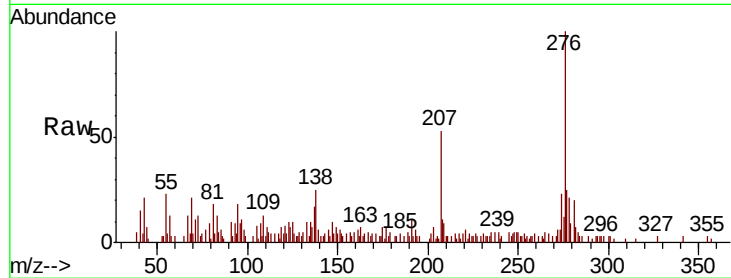
Tot Ion:276 Resp: 23433

Ion Ratio Lower Upper

276 100

138 19.7 18.7 28.1

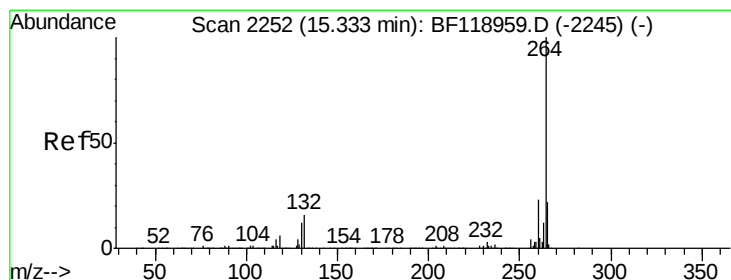
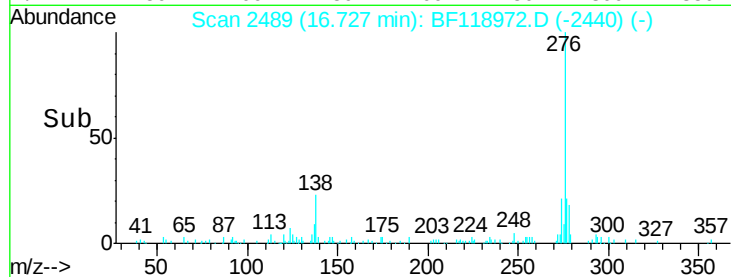
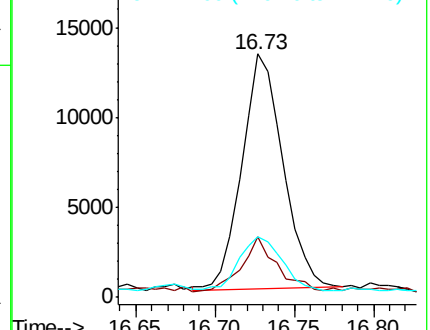
277 23.8 20.3 30.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2251

Delta R.T. -0.01 min

Lab File: BF118972.D

Acq: 20 Feb 2020 21:40

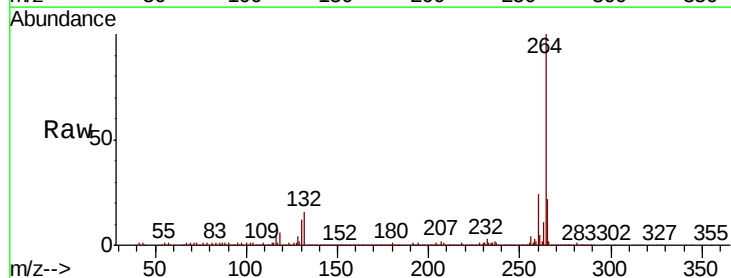
Tgt Ion:264 Resp: 466210

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

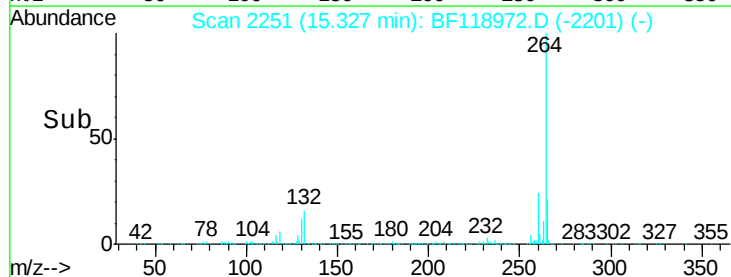
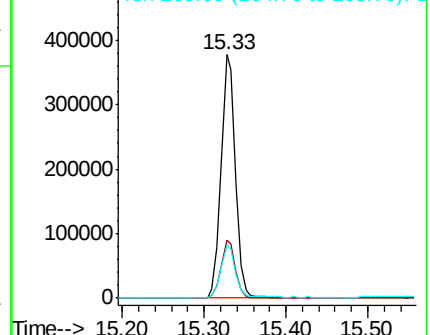
265 21.6 17.3 25.9

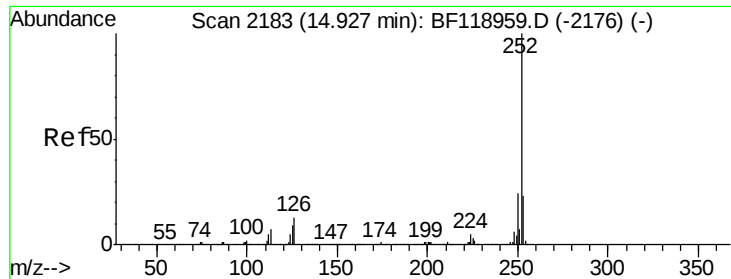


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

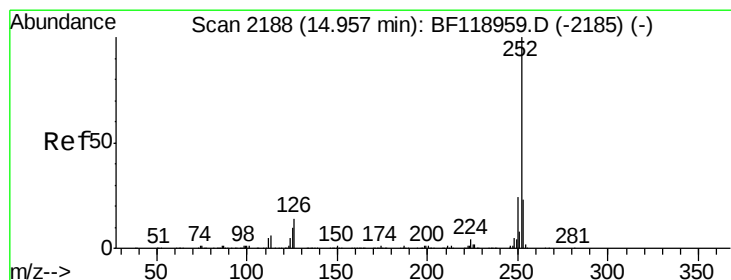
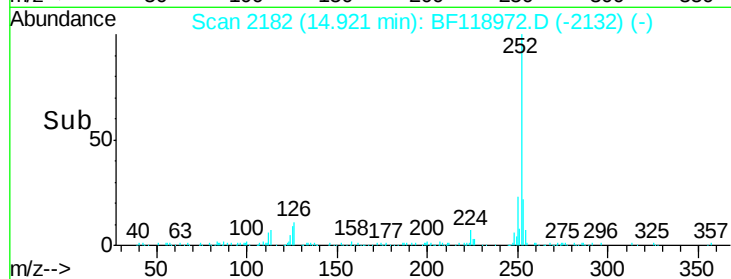
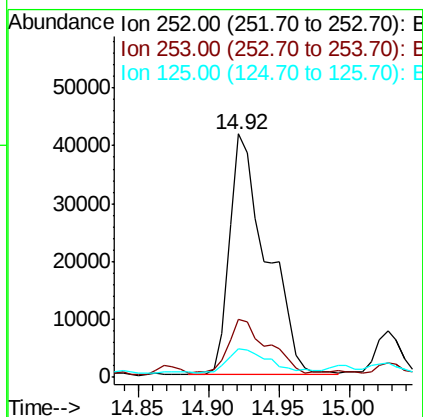
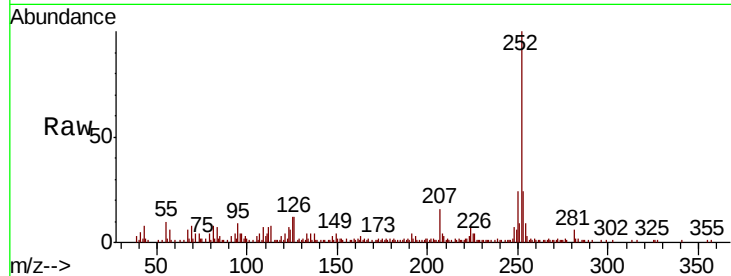




#88
Benzo(b)fluoranthene
Concen: 2.488 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BF118972.D
Acq: 20 Feb 2020 21:40

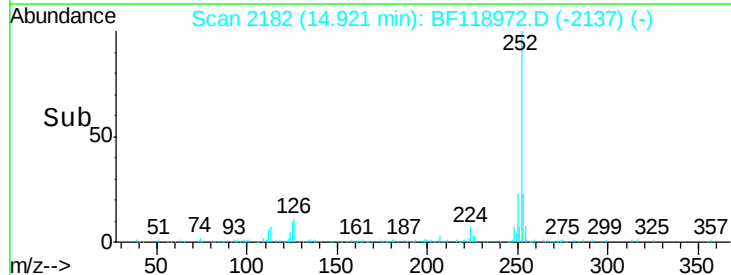
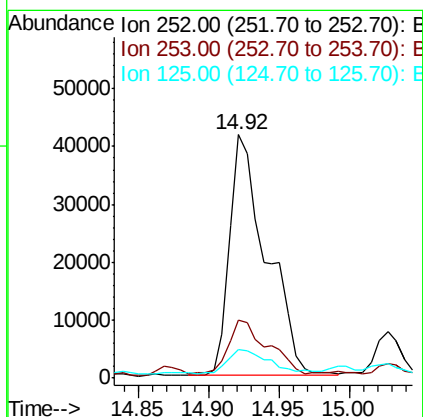
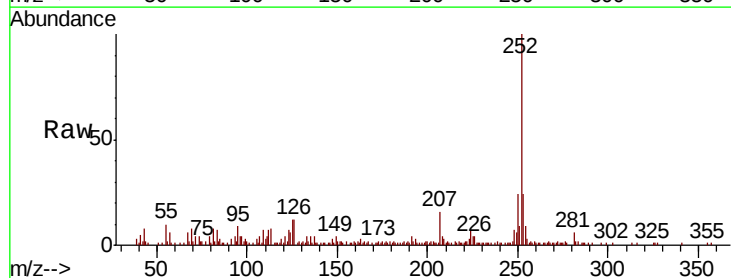
Instrument :
BNA_F
ClientSampled :

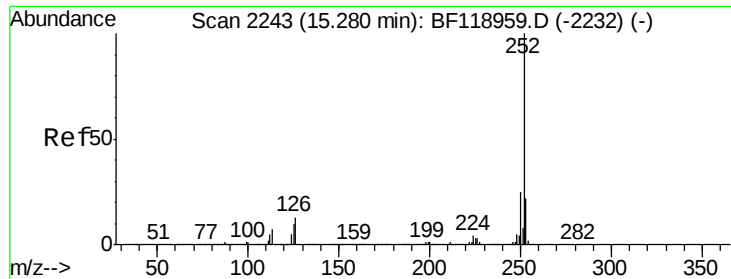
Tot Ion:252 Resp: 76444
Ion Ratio Lower Upper
252 100
253 23.8 18.2 27.2
125 11.7 7.4 11.0#



#89
Benzo(k)fluoranthene
Concen: 2.684 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.04 min
Lab File: BF118972.D
Acq: 20 Feb 2020 21:40

Tgt Ion:252 Resp: 76444
Ion Ratio Lower Upper
252 100
253 23.8 17.9 26.9
125 11.7 7.3 10.9#

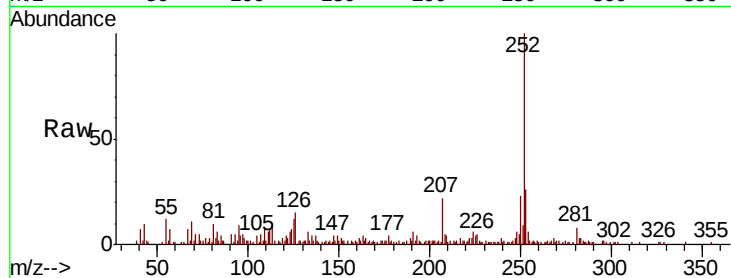




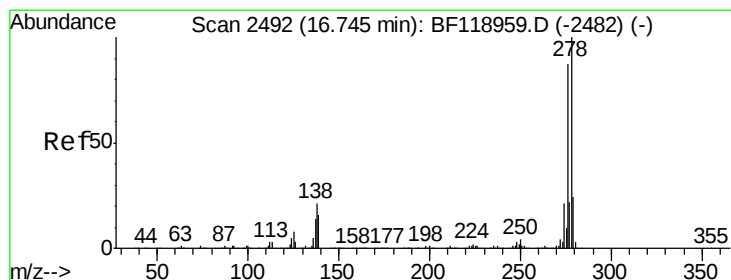
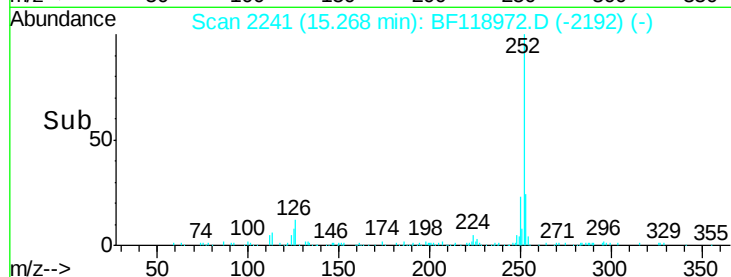
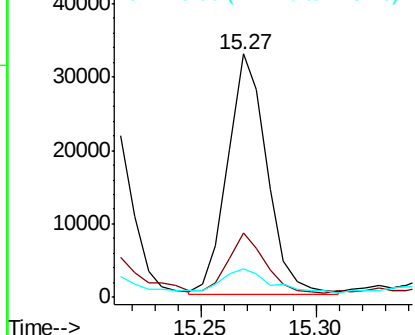
#90
Benzo(a)pyrene
Concen: 1.402 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF118972.D
Acq: 20 Feb 2020 21:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 38871
Ion Ratio Lower Upper
252 100
253 26.4 17.9 26.9
125 11.9 7.8 11.6#

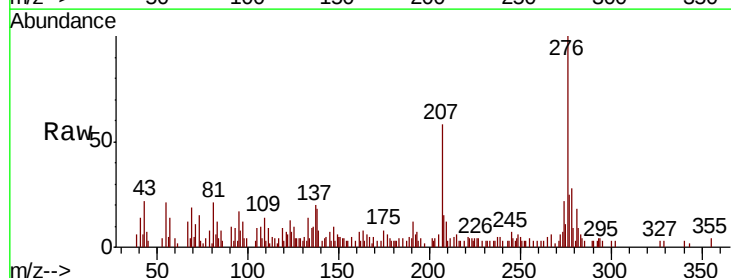


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

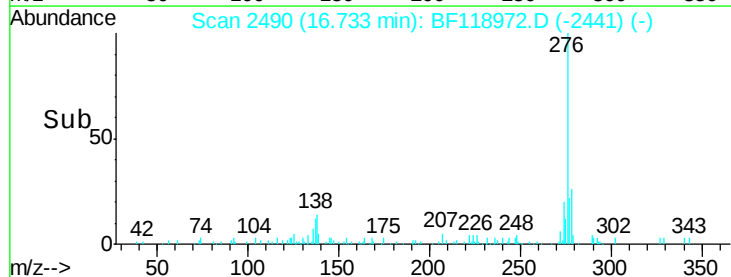
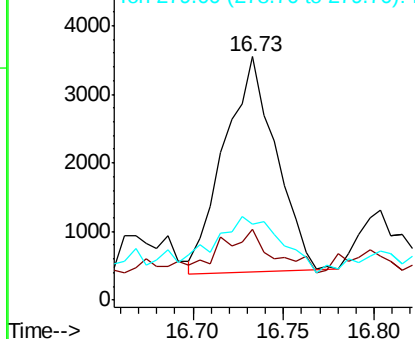


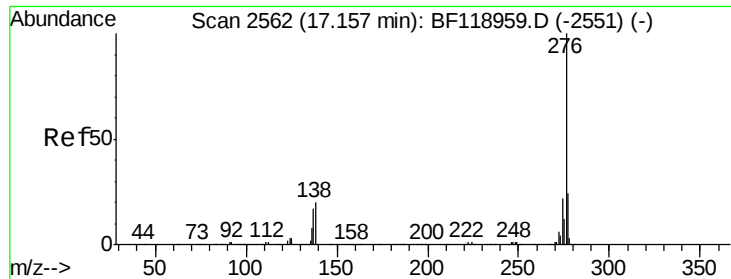
#91
Dibenzo(a,h)anthracene
Concen: 0.256 ng
RT: 16.73 min Scan# 2490
Delta R.T. -0.01 min
Lab File: BF118972.D
Acq: 20 Feb 2020 21:40

Tgt Ion:278 Resp: 6251
Ion Ratio Lower Upper
278 100
139 29.3 12.6 18.8#
279 31.1 19.0 28.6#



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(a,h,i)perylene
 Concen: 1.135 ng
 RT: 17.15 min Scan# 2561
 Delta R.T. -0.01 min
 Lab File: BF118972.D
 Acq: 20 Feb 2020 21:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	29.2	19.2	28.8#
138	24.9	16.2	24.4#

