

Data File : BF115231.D
Acq On : 27 Jun 2019 12:53
Operator : HP/JU
Sample : PB120902BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120902BL

Quant Time: Jun 28 04:50:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	252498	20.00	ng	-0.02
21) Naphthalene-d8	7.88	136	958694	20.00	ng	-0.02
39) Acenaphthene-d10	9.62	164	478555	20.00	ng	-0.03
64) Phenanthrene-d10	11.09	188	928376	20.00	ng	-0.03
76) Chrysene-d12	13.71	240	735691	20.00	ng	-0.04
87) Perylene-d12	15.08	264	800033	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1634904	99.92	ng	0.00
7) Phenol-d6	6.24	99	2066229	104.04	ng	-0.02
23) Nitrobenzene-d5	7.16	82	1245229	79.90	ng	-0.02
42) 2,4,6-Tribromophenol	10.41	330	608945	120.67	ng	-0.02
45) 2-Fluorobiphenyl	8.95	172	2381612	84.53	ng	-0.03
79) Terphenyl-d14	12.68	244	2713362	78.42	ng	-0.03

Target Compounds				Qvalue		
6) Aniline	6.37	93	2371	0.087	ng	# 1
8) 2-Chlorophenol	6.38	128	441	0.024	ng	# 1
9) Benzaldehyde	6.24	77	2869	0.221	ng	# 1
10) Phenol	6.24	94	383	0.016	ng	# 1
11) bis(2-Chloroethyl)ether	6.37	93	2371	0.138	ng	# 1
15) Benzyl Alcohol	6.75	79	20423	1.412	ng	# 41
17) 2-Methylphenol	6.75	107	141	0.009	ng	# 1
19) n-Nitroso-di-n-propylamine	7.16	70	164079	12.905	ng	# 75
20) 3+4-Methylphenols	6.75	107	141	0.008	ng	# 1
22) Acetophenone	6.75	105	224	0.010	ng	# 1
24) Nitrobenzene	7.16	77	3731	0.217	ng	# 32
25) Isophorone	7.16	82	1210240	37.908	ng	# 63
28) bis(2-Chloroethoxy)methane	7.88	93	118	0.006	ng	# 1
38) 1-Methylnaphthalene	8.95	142	1208	0.040	ng	# 40
46) 1,1'-Biphenyl	9.05	154	5105	0.133	ng	# 91
48) 2-Nitroaniline	8.95	65	3638	0.402	ng	# 1
49) Acenaphthylene	9.68	152	108	0.002	ng	# 59
50) Dimethylphthalate	9.62	163	133934	3.804	ng	# 1
51) 2,6-Dinitrotoluene	9.62	165	61847	7.609	ng	# 28
52) Acenaphthene	9.62	154	1589	0.052	ng	# 5
57) 2,4-Dinitrotoluene	9.62	165	61847	5.893	ng	# 30
58) Fluorene	10.40	166	27522	Below Cal		# 90
63) Azobenzene	10.40	77	2636	0.080	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.40	198	1198	5.177	ng	# 1
66) n-Nitrosodiphenylamine	10.40	169	17533	0.606	ng	# 42
67) 4-Bromophenyl-phenylether	10.40	248	37716	3.747	ng	# 1
71) Phenanthrene	11.11	178	1026	0.021	ng	# 58
72) Anthracene	11.11	178	1026	0.020	ng	# 59
74) Di-n-butylphthalate	11.67	149	593	0.011	ng	# 77
75) Fluoranthene	12.29	202	367	0.007	ng	# 61
77) Benzidine	12.68	184	35224	1.078	ng	# 96
78) Pyrene	12.52	202	412	0.007	ng	# 56
81) Benzo(a)anthracene	13.71	228	2225	0.042	ng	# 57
83) Chrysene	13.73	228	372	0.008	ng	# 48

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062719\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Bis(2-ethylhexyl)phthalate	13.72	149	518	0.016	ng	# 52
85) Di-n-octyl phthalate	14.34	149	253	0.005	ng	# 1
88) Benzo(b)fluoranthene	14.72	252	375	0.008	ng	# 59
89) Benzo(k)fluoranthene	14.74	252	147	0.003	ng	# 57
90) Benzo(a)pyrene	15.08	252	2514	0.056	ng	# 69

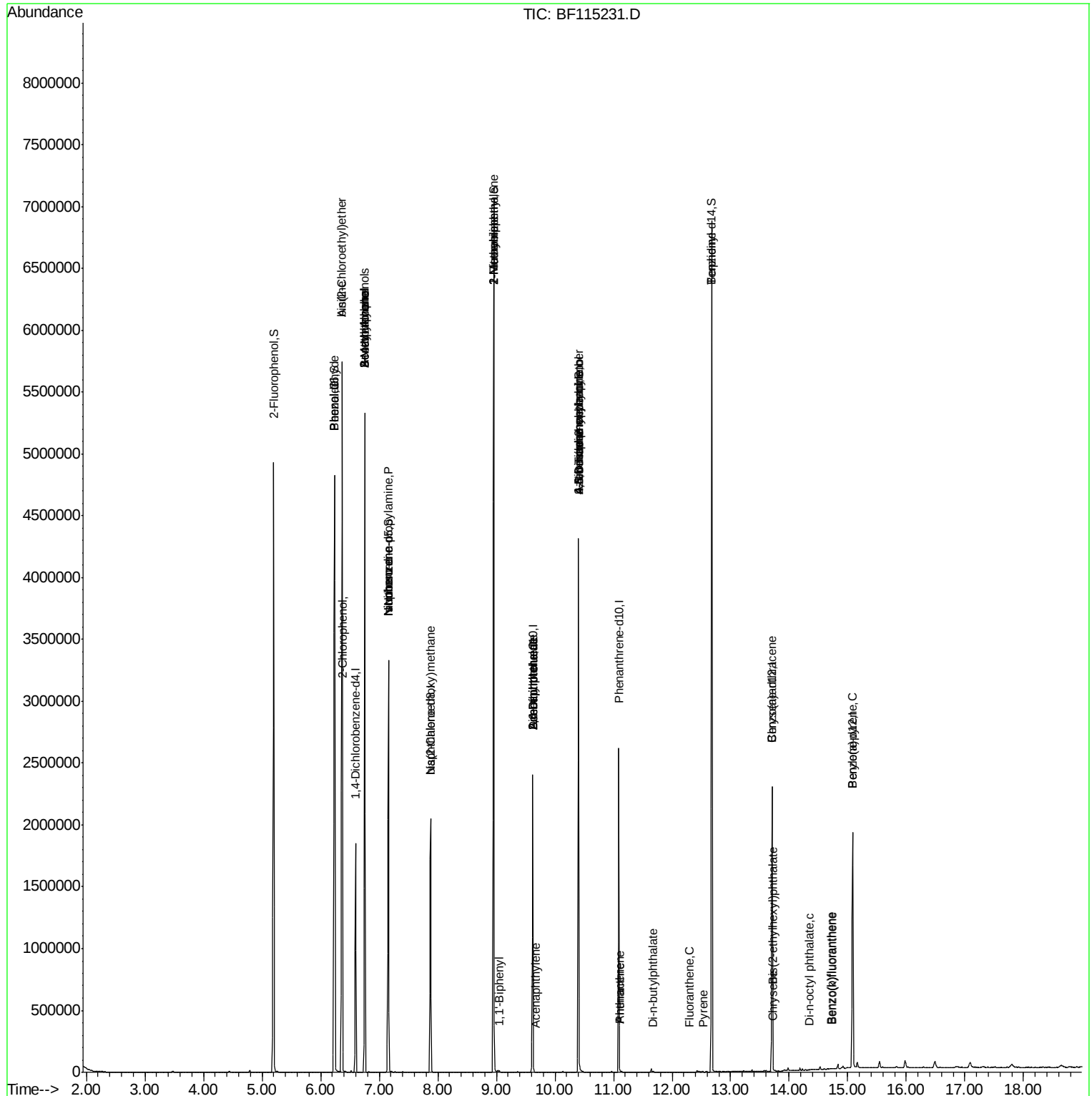
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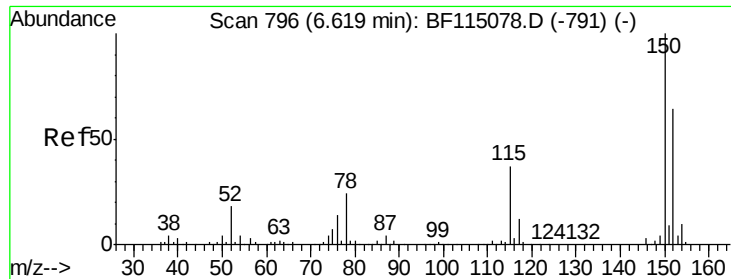
Data File : BF115231.D

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Misc       :
ALS Vial    : 6      Sample Multipl
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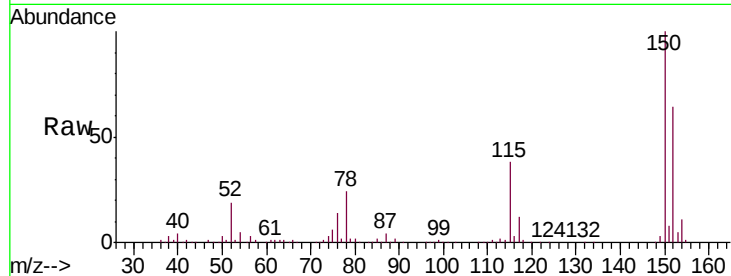


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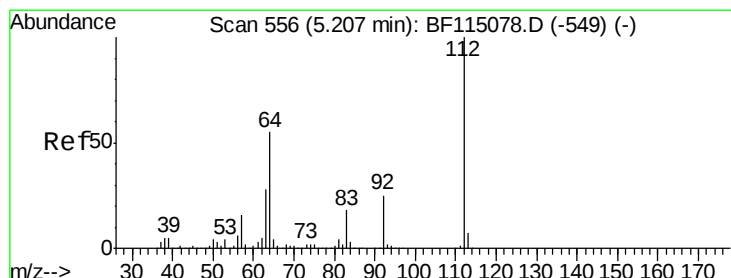
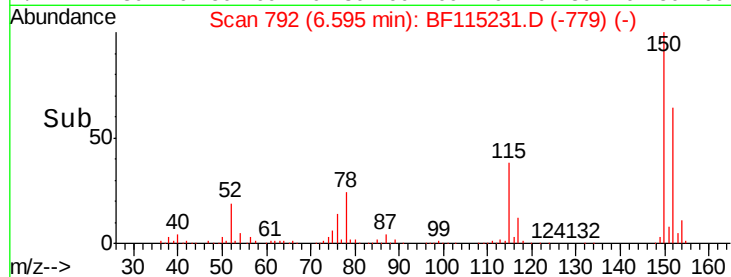
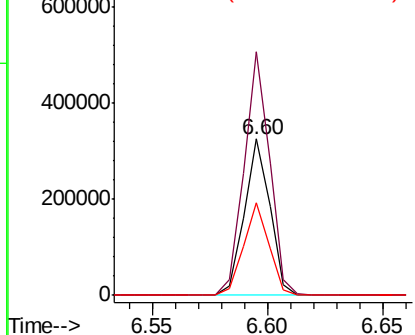
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.02 min
Lab File: BF115231.D
Acq: 27 Jun 2019 12:53

Instrument :
BNA_F
ClientSampleId :
PB120902BL

Tgt Ion:152 Resp: 252498
Ion Ratio Lower Upper
152 100
150 155.7 124.2 186.2
115 59.1 46.1 69.1



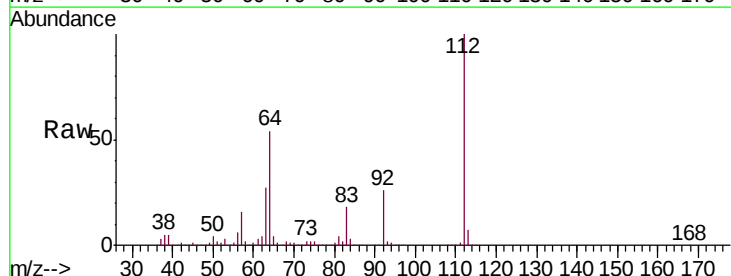
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



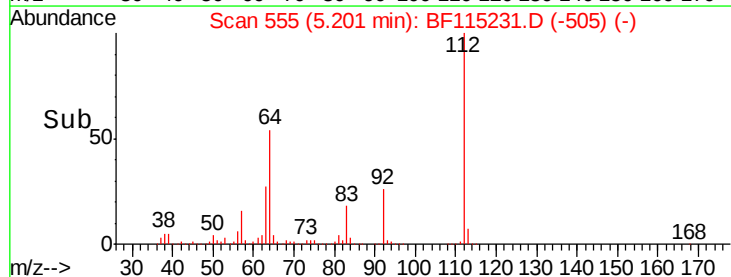
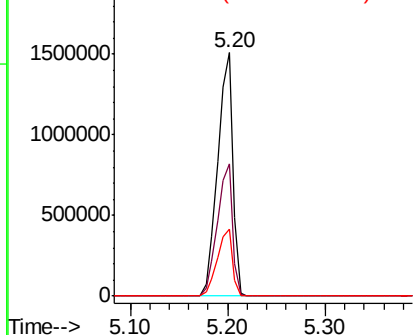
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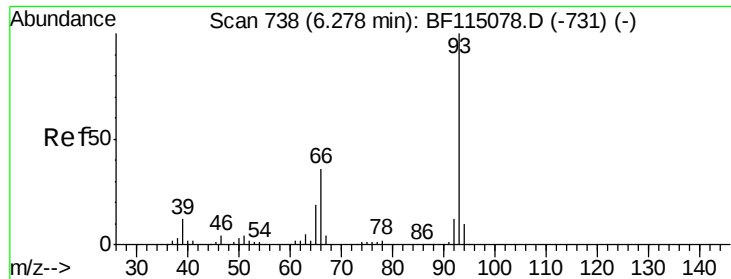
2-Fluorophenol
Concen: 99.919 ng
RT: 5.20 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF115231.D
Acq: 27 Jun 2019 12:53

Tgt Ion:112 Resp: 1634904
Ion Ratio Lower Upper
112 100
64 54.2 43.8 65.6
63 27.3 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 0.087 ng

RT: 6.37 min Scan# 753

Delta R.T. 0.09 min

Lab File: BF115231.D

Acq: 27 Jun 2019 12:53

Instrument :

BNA_F

ClientSampled :

PB120902BL

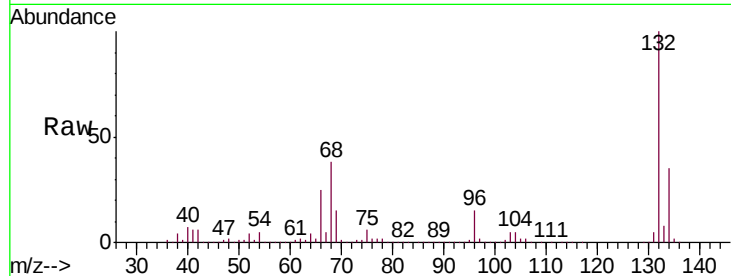
Tgt Ion: 93 Resp: 2371

Ion Ratio Lower Upper

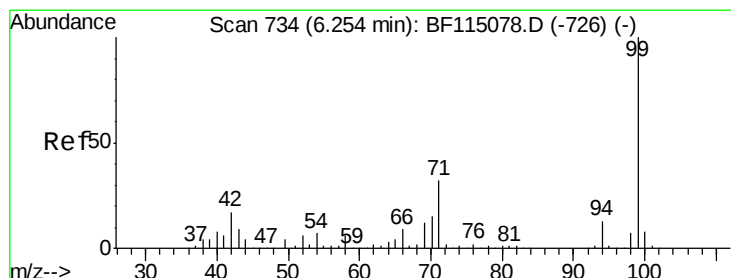
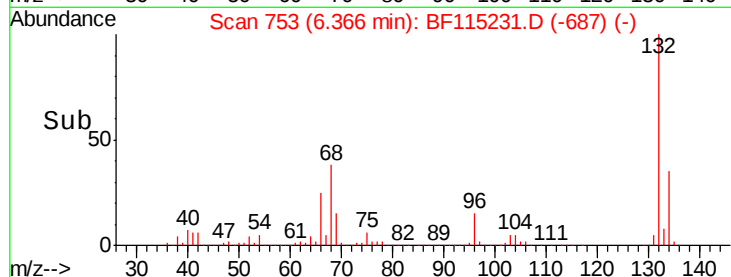
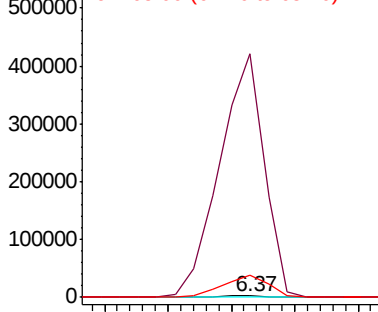
93 100

66 17952.8 30.0 45.0#

65 1674.7 15.6 23.4#



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: 104.041 ng

RT: 6.24 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF115231.D

Acq: 27 Jun 2019 12:53

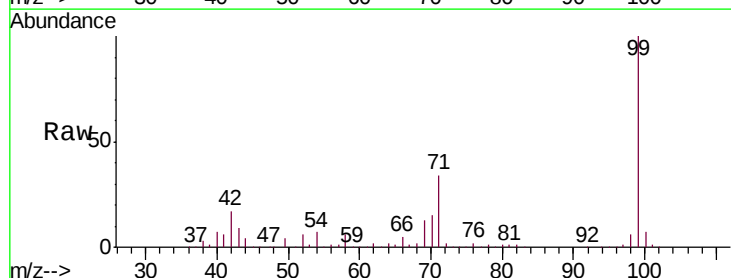
Tgt Ion: 99 Resp: 2066229

Ion Ratio Lower Upper

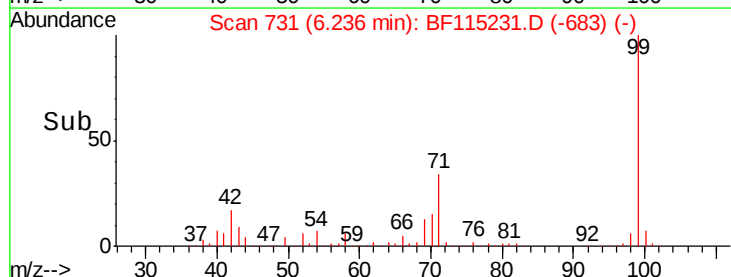
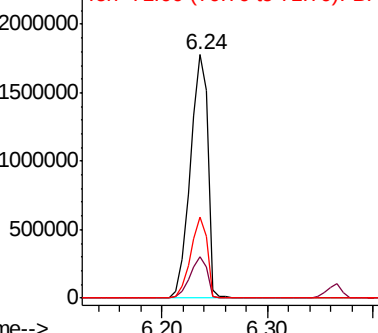
99 100

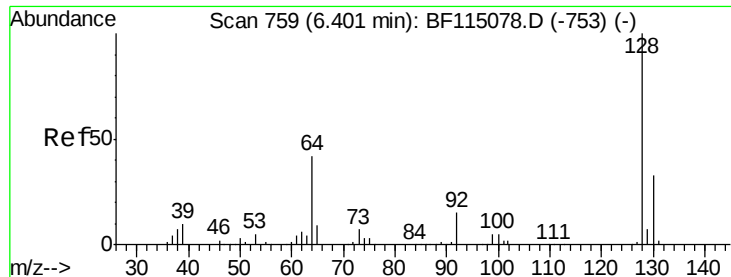
42 16.8 13.6 20.4

71 33.5 25.5 38.3



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: 0.024 ng

RT: 6.38 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF115231.D

Acq: 27 Jun 2019 12:53

Instrument :

BNA_F

ClientSampleId :

PB120902BL

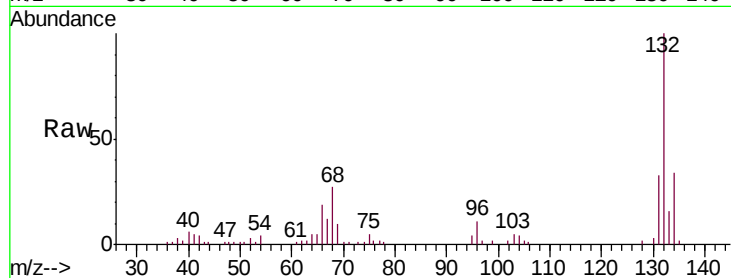
Tgt Ion:128 Resp: 441

Ion Ratio Lower Upper

128 100

130 173.1 12.9 52.9#

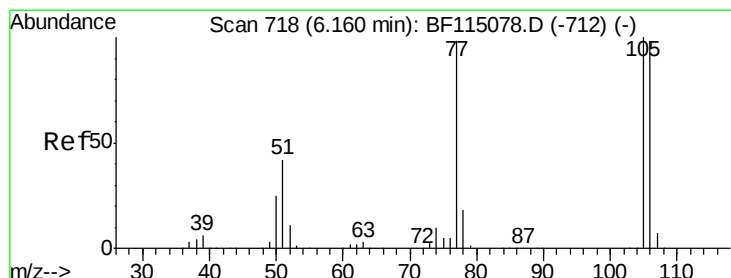
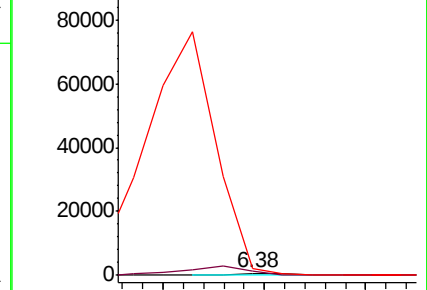
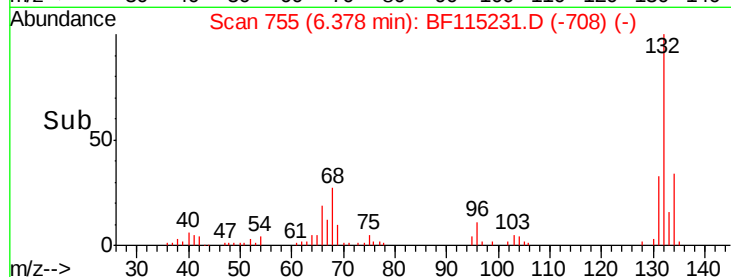
64 301.8 22.9 62.9#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



#9

Benzaldehyde

Concen: 0.221 ng

RT: 6.24 min Scan# 731

Delta R.T. 0.08 min

Lab File: BF115231.D

Acq: 27 Jun 2019 12:53

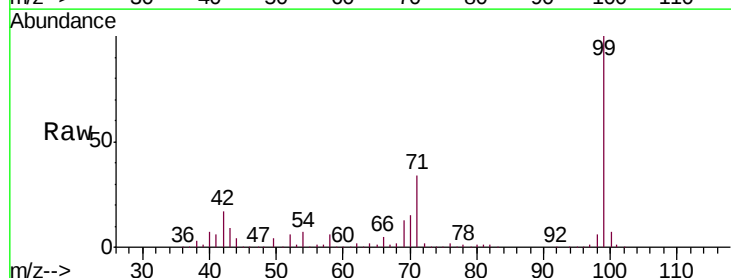
Tgt Ion: 77 Resp: 2869

Ion Ratio Lower Upper

77 100

105 0.0 81.5 121.5#

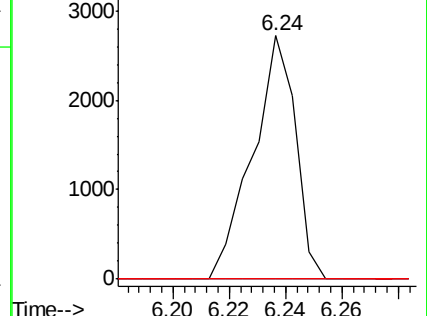
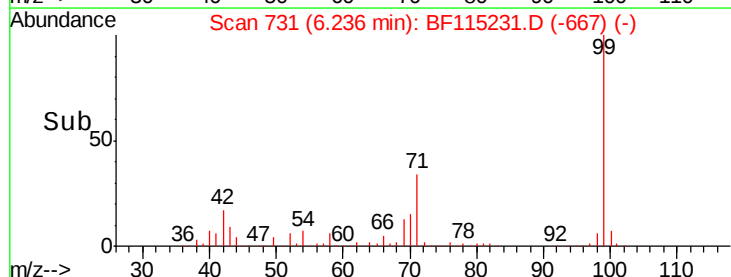
106 0.0 79.7 119.7#

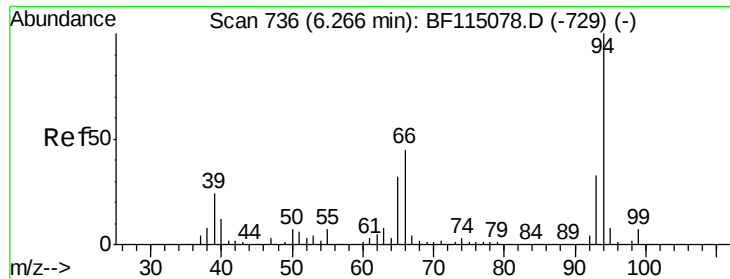


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

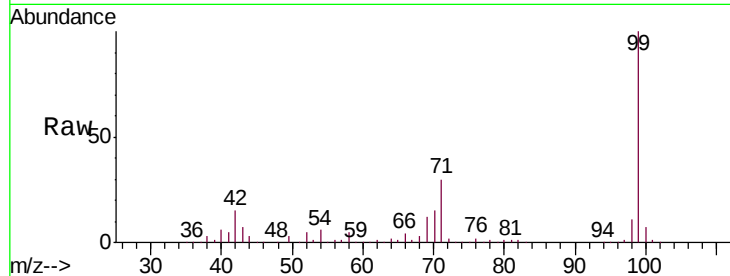




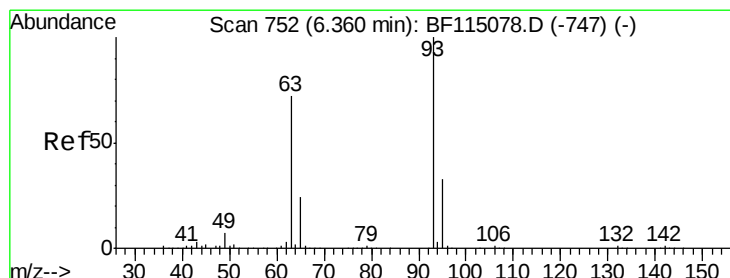
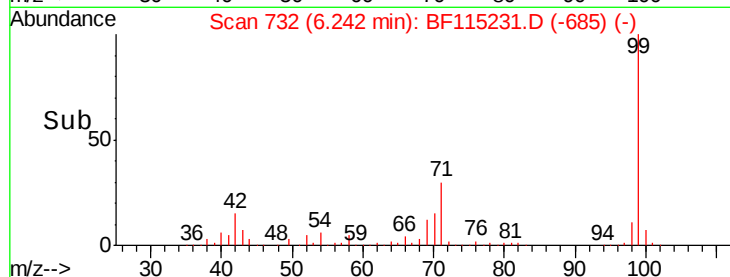
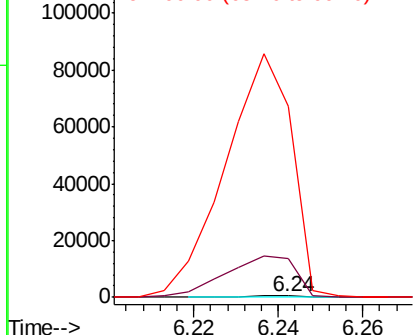
#10
Phenol
Concen: 0.016 ng
RT: 6.24 min Scan# 732
Delta R.T. -0.02 min
Lab File: BF115231.D
Acq: 27 Jun 2019 12:53

Instrument :
BNA_F
ClientSampleId :
PB120902BL

Tgt Ion: 94 Resp: 383
Ion Ratio Lower Upper
94 100
65 3587.6 11.9 51.9#
66 17463.2 25.2 65.2#

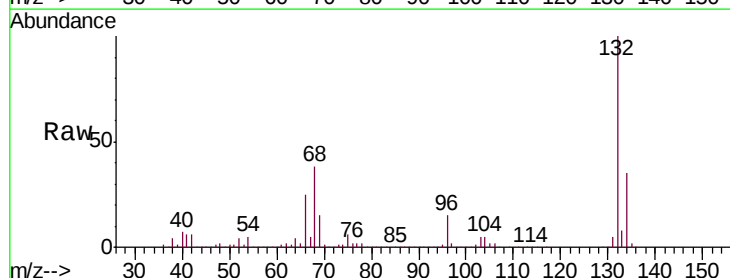


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

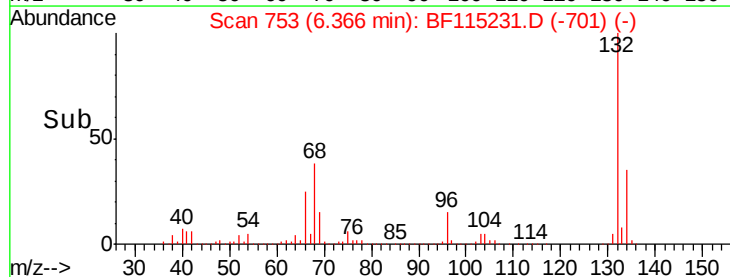
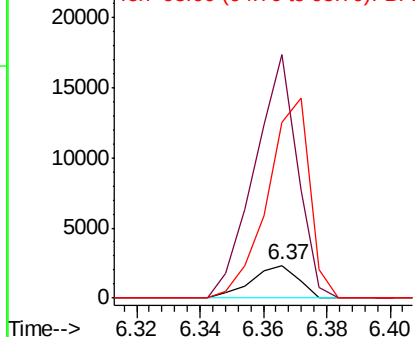


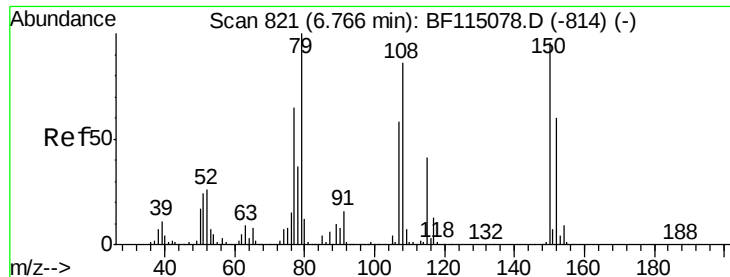
#11
bis(2-Chloroethyl)ether
Concen: 0.138 ng
RT: 6.37 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF115231.D
Acq: 27 Jun 2019 12:53

Tgt Ion: 93 Resp: 2371
Ion Ratio Lower Upper
93 100
63 740.0 51.5 91.5#
95 534.6 13.4 53.4#



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





#15

Benzyl Alcohol

Concen: 1.412 ng

RT: 6.75 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF115231.D

Acq: 27 Jun 2019 12:53

Instrument :

BNA_F

ClientSampleId :

PB120902BL

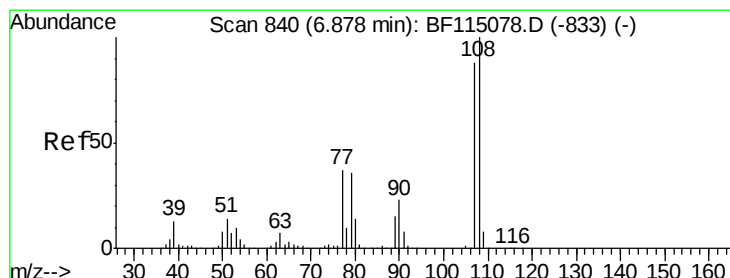
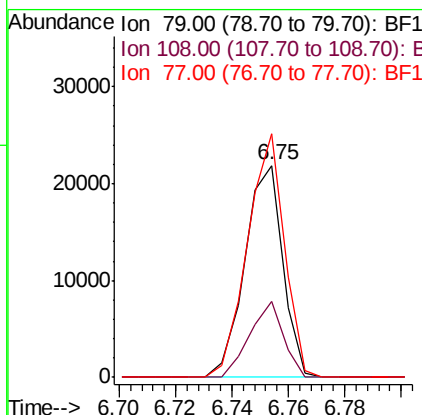
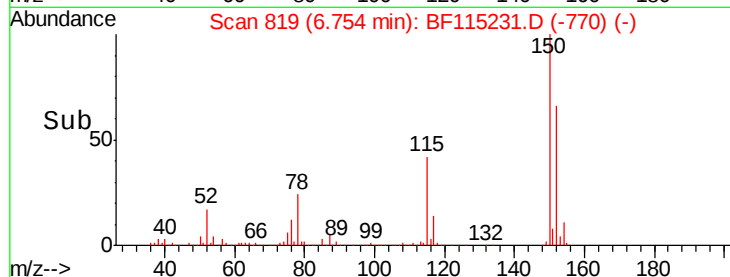
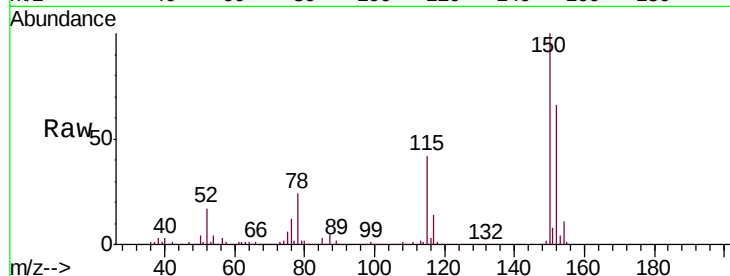
Tgt Ion: 79 Resp: 20423

Ion Ratio Lower Upper

79 100

108 35.6 68.7 103.1#

77 115.0 51.7 77.5#



#17

2-Methylphenol

Concen: 0.009 ng

RT: 6.75 min Scan# 819

Delta R.T. -0.12 min

Lab File: BF115231.D

Acq: 27 Jun 2019 12:53

Tgt Ion: 107 Resp: 141

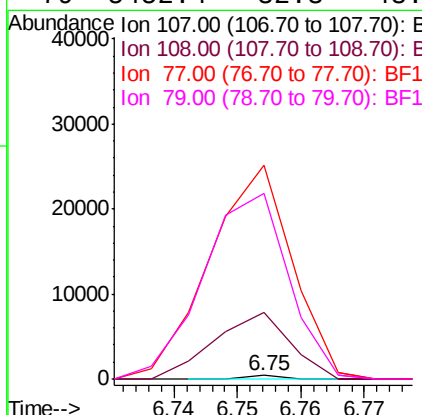
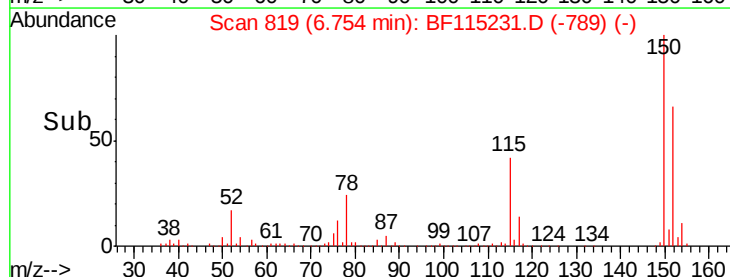
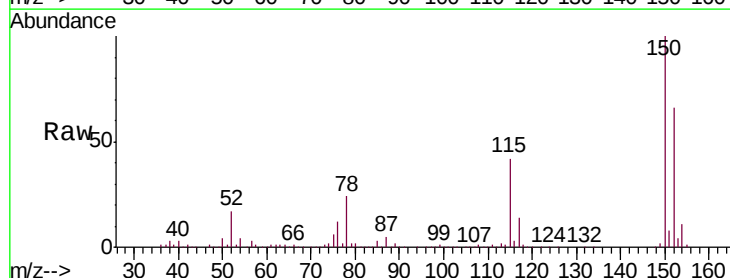
Ion Ratio Lower Upper

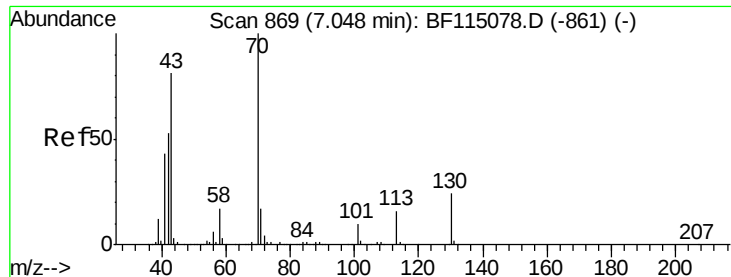
107 100

108 1942.6 90.9 136.3#

77 6268.3 33.4 50.2#

79 5452.4 32.3 48.5#

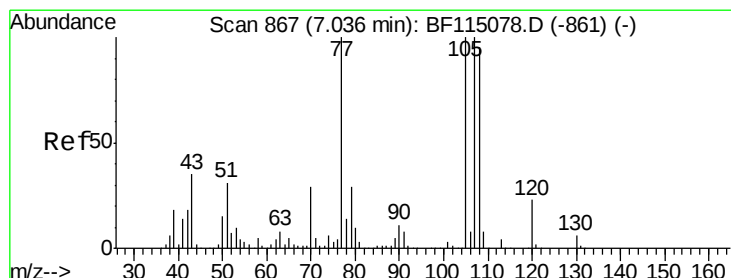
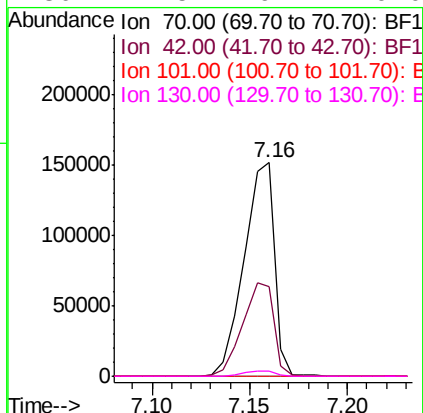
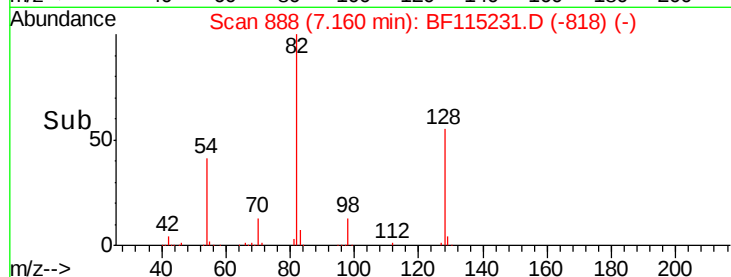
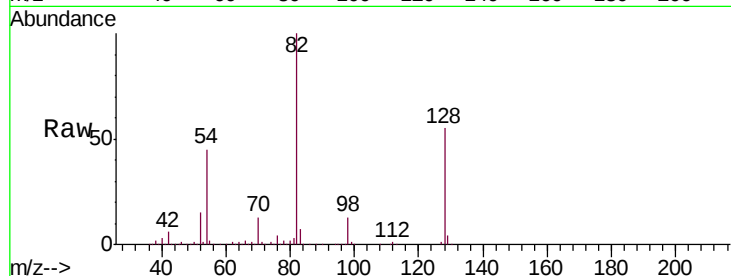




#19
n-Nitroso-di-n-propylamine
Concen: 12.905 ng
RT: 7.16 min Scan# 888
Delta R.T. 0.11 min
Lab File: BF115231.D
Acq: 27 Jun 2019 12:53

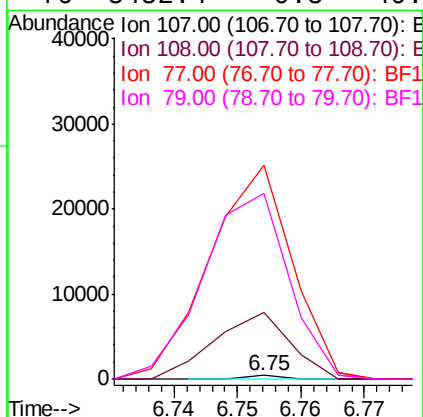
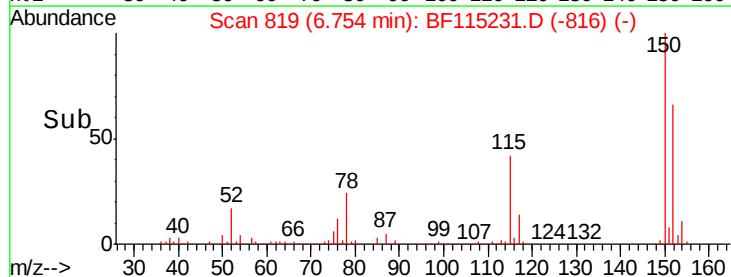
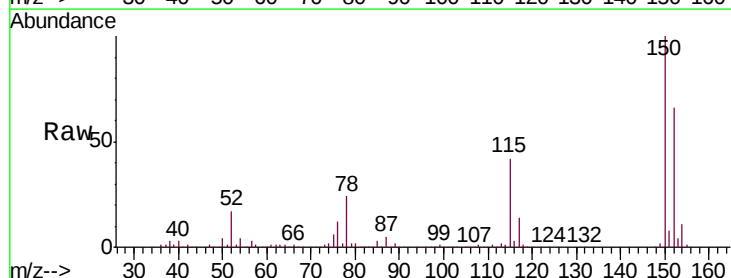
Instrument :
BNA_F
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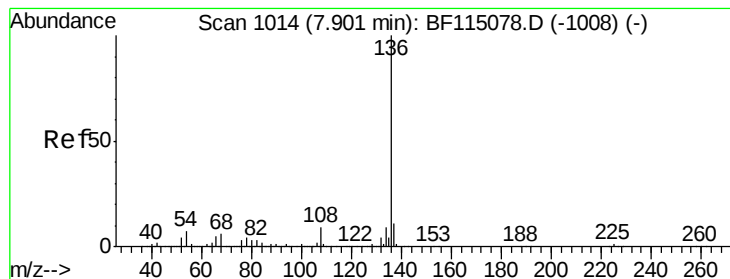
Tgt Ion: 70 Resp: 164079
Ion Ratio Lower Upper
70 100
42 41.7 42.6 63.8#
101 0.0 8.0 12.0#
130 2.5 19.4 29.0#



#20
3+4-Methylphenols
Concen: 0.008 ng
RT: 6.75 min Scan# 819
Delta R.T. -0.28 min
Lab File: BF115231.D
Acq: 27 Jun 2019 12:53

Tgt Ion: 107 Resp: 141
Ion Ratio Lower Upper
107 100
108 1942.6 75.5 115.5#
77 6268.3 80.2 120.2#
79 5452.4 9.5 49.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BF115231.D

Acq: 27 Jun 2019 12:53

Instrument :

BNA_F

ClientSampleId :

PB120902BL

Tgt Ion:136 Resp: 958694

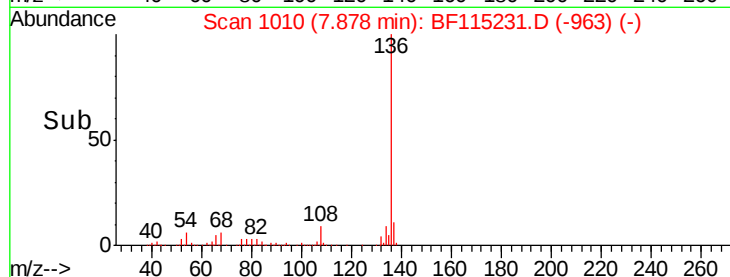
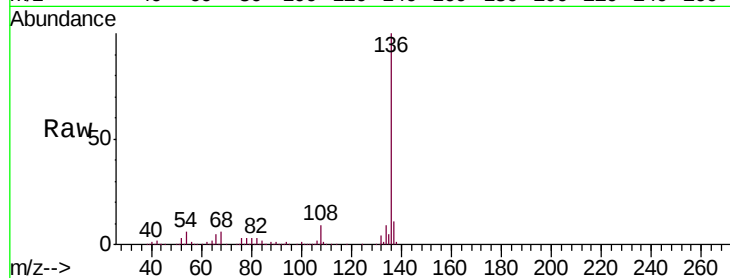
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.2 5.6 8.4

68 5.7 4.8 7.2

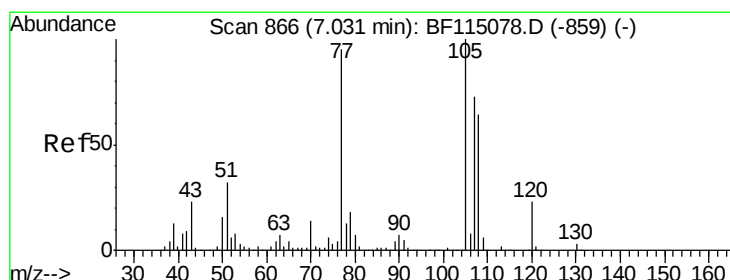
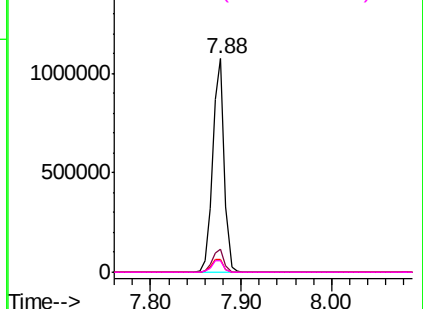


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.010 ng

RT: 6.75 min Scan# 819

Delta R.T. -0.28 min

Lab File: BF115231.D

Acq: 27 Jun 2019 12:53

Tgt Ion:105 Resp: 224

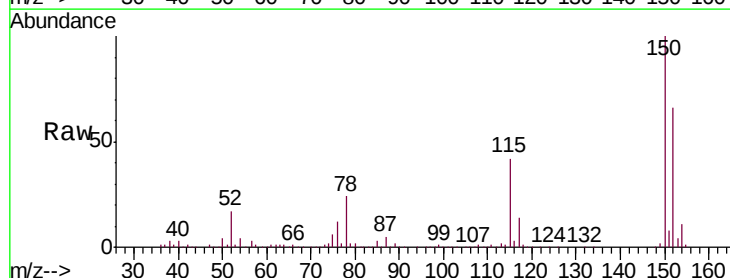
Ion Ratio Lower Upper

105 100

71 833.3 1.9 2.9#

51 2348.6 25.8 38.8#

120 448.9 18.5 27.7#

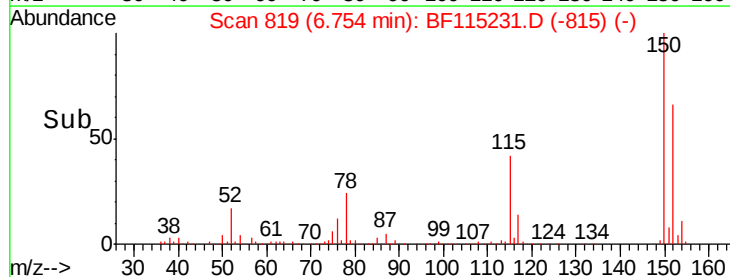
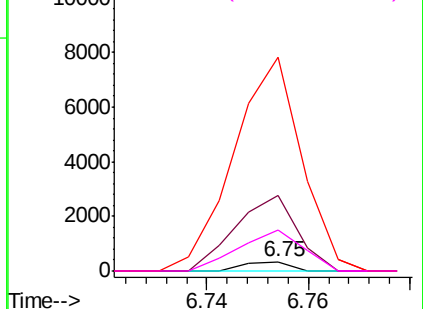


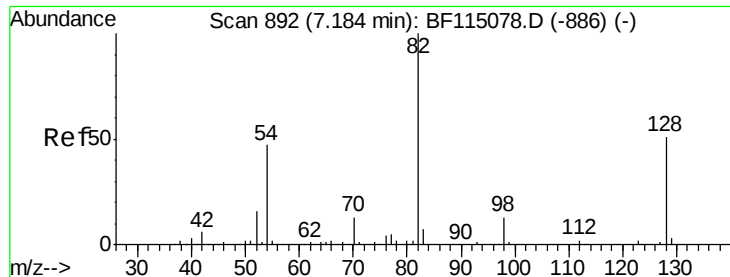
Abundance Ion 105.00 (104.70 to 105.70): E

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

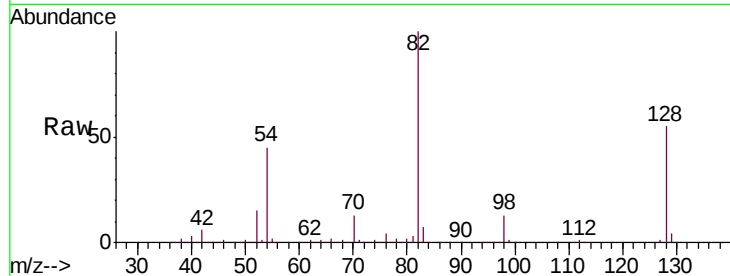




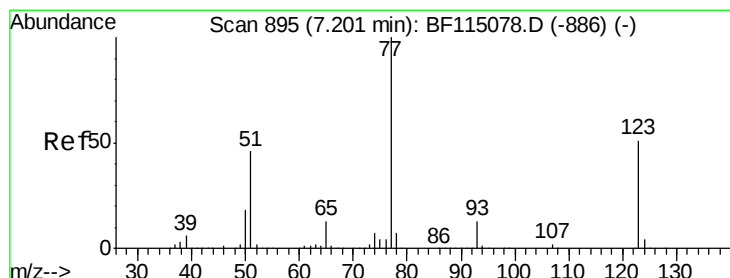
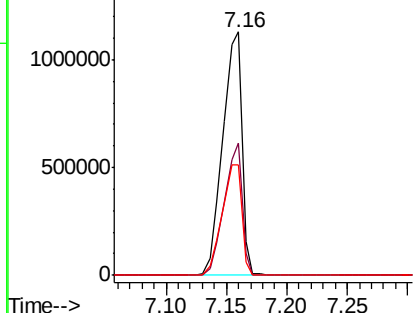
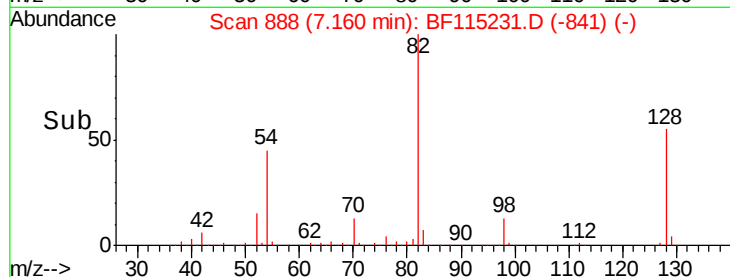
#23
 Nitrobenzene-d5
 Concen: 79.901 ng
 RT: 7.16 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BF115231.D
 Acq: 27 Jun 2019 12:53

Instrument :
 BNA_F
 ClientSampleId :
 PB120902BL

Tgt Ion: 82 Resp: 1245229
 Ion Ratio Lower Upper
 82 100
 128 54.6 40.4 60.6
 54 45.3 37.5 56.3

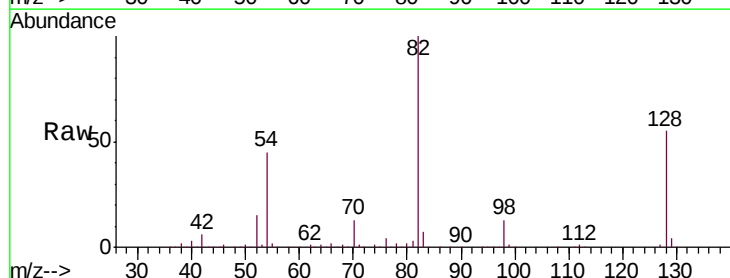


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

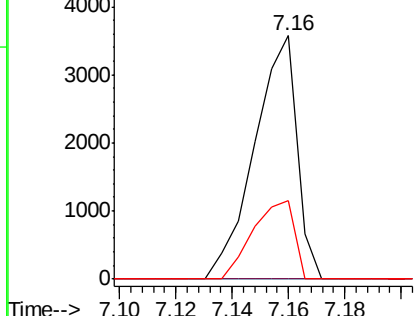
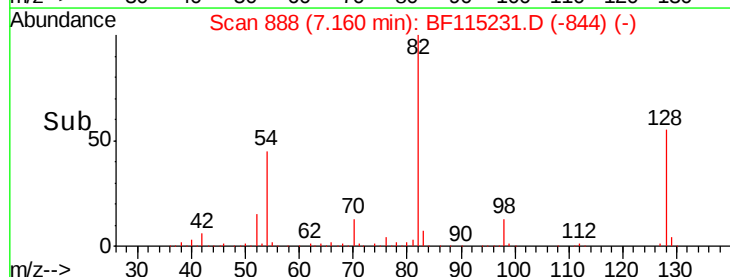


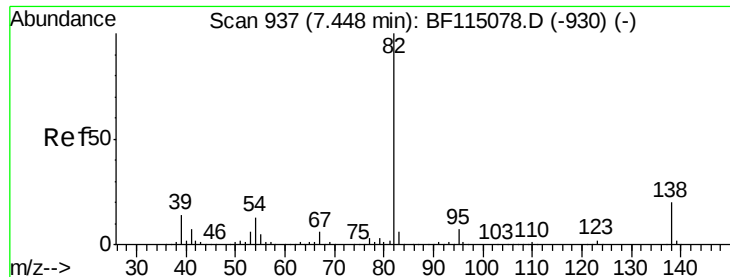
#24
 Nitrobenzene
 Concen: 0.217 ng
 RT: 7.16 min Scan# 888
 Delta R.T. -0.04 min
 Lab File: BF115231.D
 Acq: 27 Jun 2019 12:53

Tgt Ion: 77 Resp: 3731
 Ion Ratio Lower Upper
 77 100
 123 0.0 41.0 61.6#
 65 32.4 10.5 15.7#



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





#25

Isophorone

Concen: 37.908 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.29 min

Lab File: BF115231.D

Acq: 27 Jun 2019 12:53

Instrument :

BNA_F

ClientSampleId :

PB120902BL

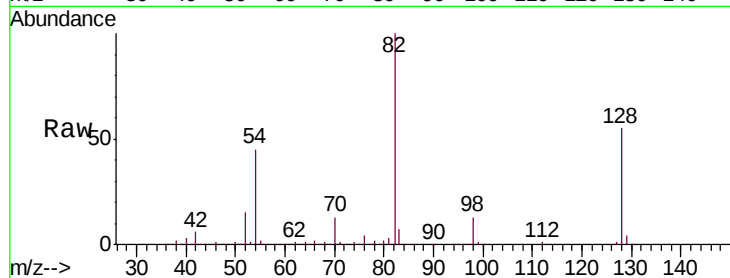
Tgt Ion: 82 Resp: 1210240

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

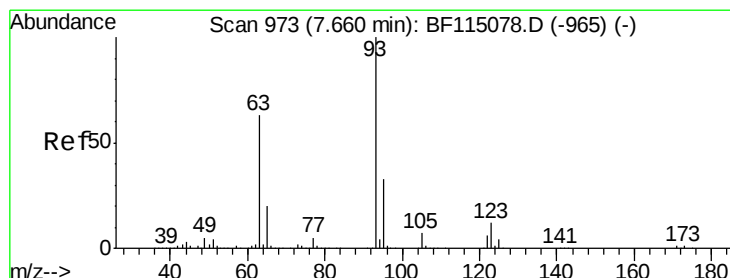
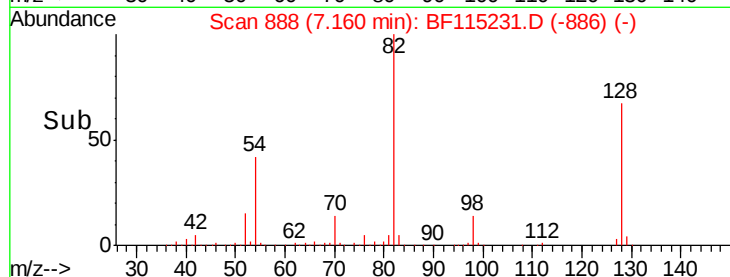
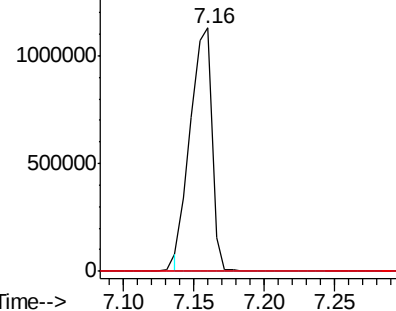
138 0.0 15.9 23.9#



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



#28

bis(2-Chloroethoxy)methane

Concen: 0.006 ng

RT: 7.88 min Scan# 1010

Delta R.T. 0.22 min

Lab File: BF115231.D

Acq: 27 Jun 2019 12:53

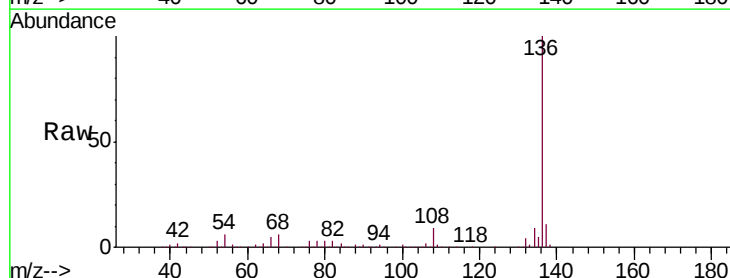
Tgt Ion: 93 Resp: 118

Ion Ratio Lower Upper

93 100

95 208.7 26.2 39.4#

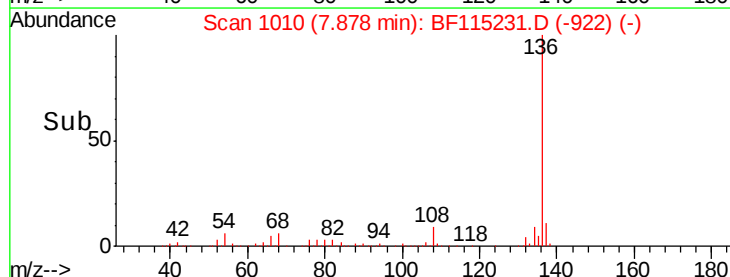
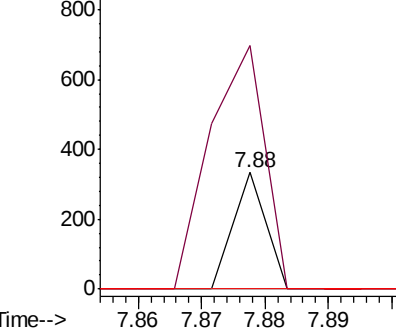
123 0.0 9.7 14.5#

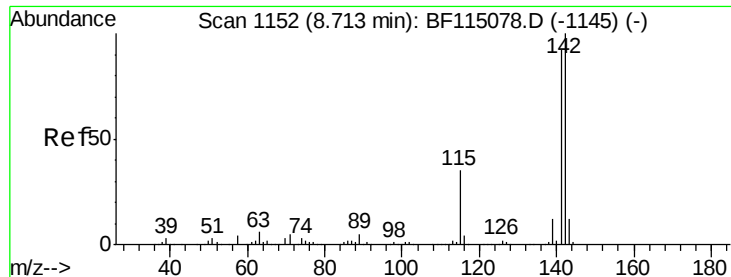


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

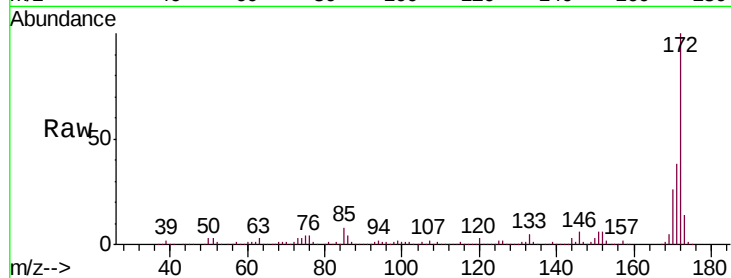




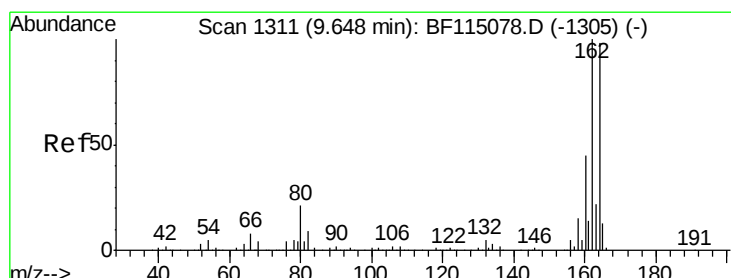
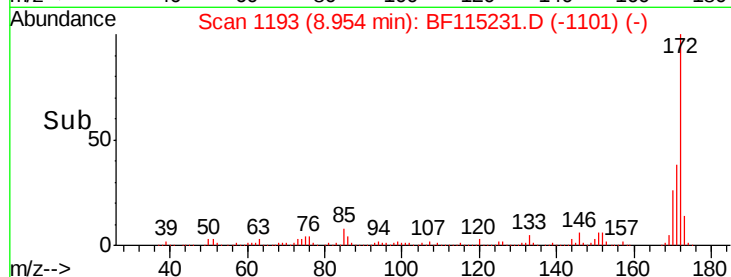
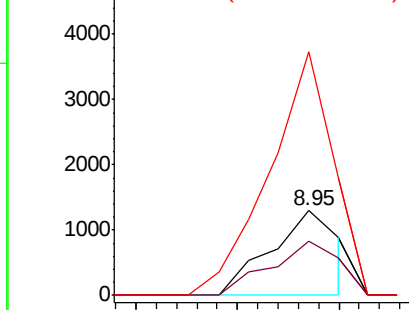
#38
1-Methylnaphthalene
Concen: 0.040 ng
RT: 8.95 min Scan# 1193
Delta R.T. 0.24 min
Lab File: BF115231.D
Acq: 27 Jun 2019 12:53

Instrument :
BNA_F
ClientSampleId :
PB120902BL

Tgt Ion:142 Resp: 1208
Ion Ratio Lower Upper
142 100
141 63.7 73.8 110.8#
116 288.4 2.8 4.2#

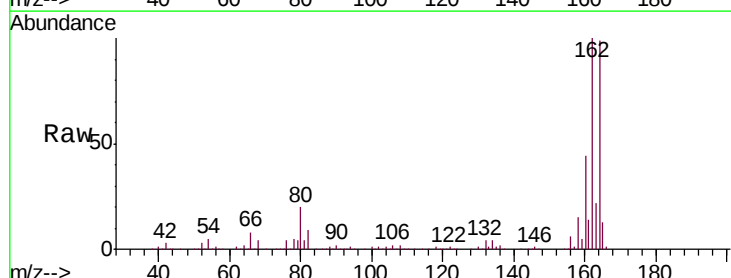


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

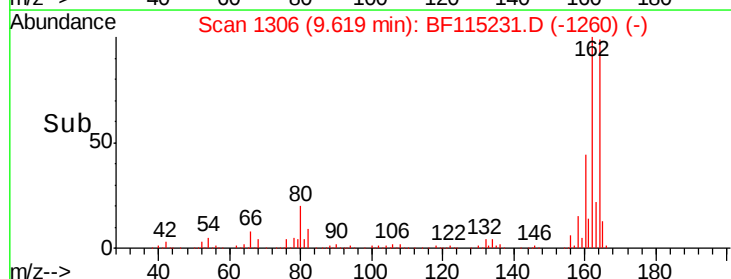
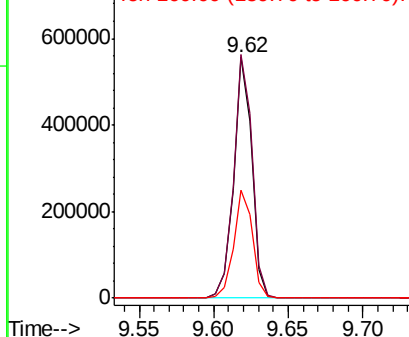


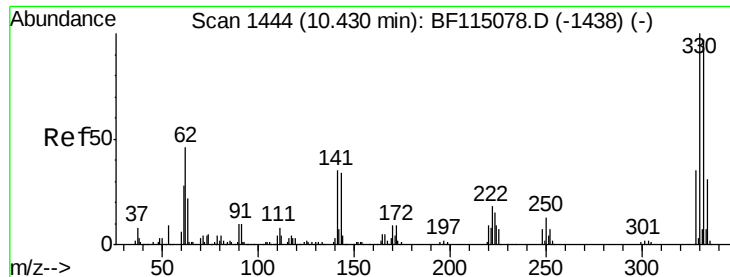
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1306
Delta R.T. -0.03 min
Lab File: BF115231.D
Acq: 27 Jun 2019 12:53

Tgt Ion:164 Resp: 478555
Ion Ratio Lower Upper
164 100
162 101.2 81.7 122.5
160 44.8 37.0 55.4



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

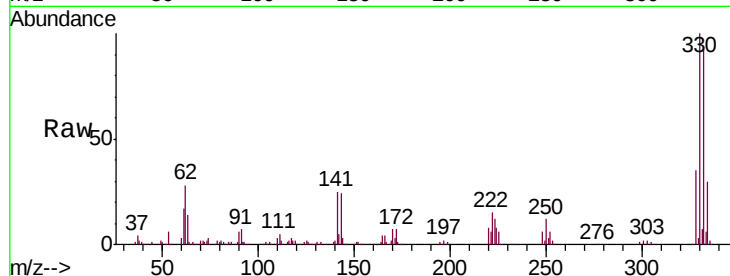




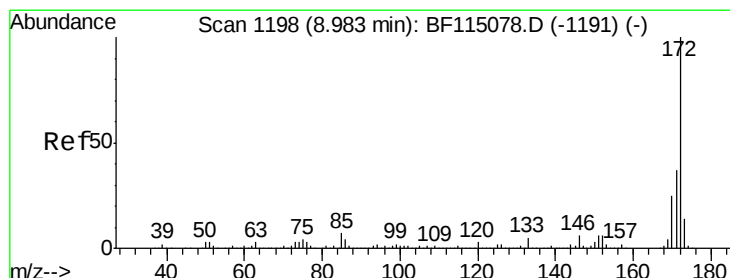
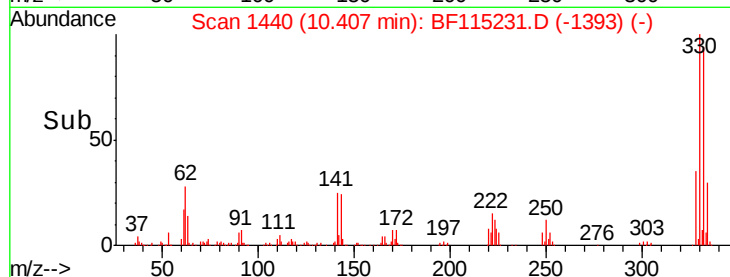
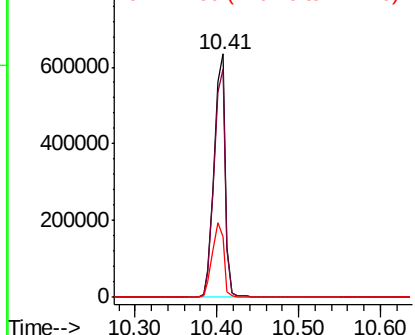
#42
 2,4,6-Tribromophenol
 Concen: 120.666 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF115231.D
 Acq: 27 Jun 2019 12:53

Instrument :
 BNA_F
 ClientSampleId :
 PB120902BL

Tgt Ion:330 Resp: 608945
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.3 115.9
 141 31.8 28.2 42.2

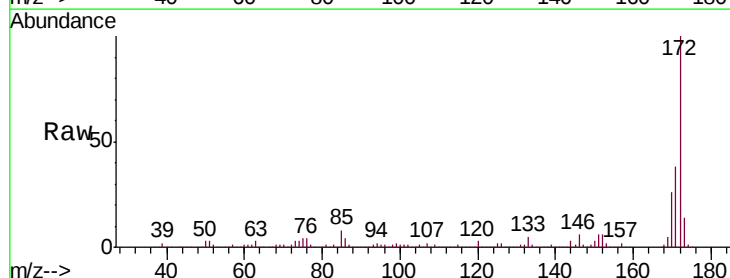


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

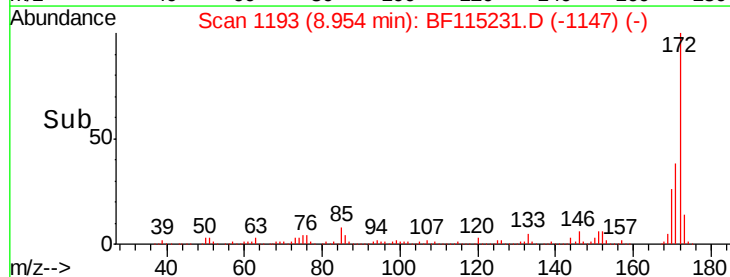
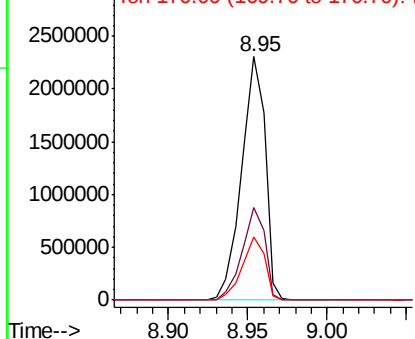


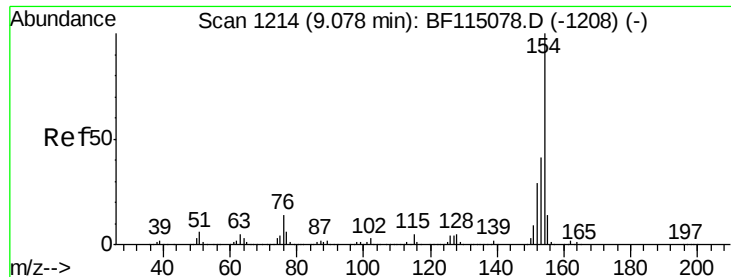
#45
 2-Fluorobiphenyl
 Concen: 84.535 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.03 min
 Lab File: BF115231.D
 Acq: 27 Jun 2019 12:53

Tgt Ion:172 Resp: 2381612
 Ion Ratio Lower Upper
 172 100
 171 37.9 29.8 44.6
 170 25.9 20.3 30.5



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

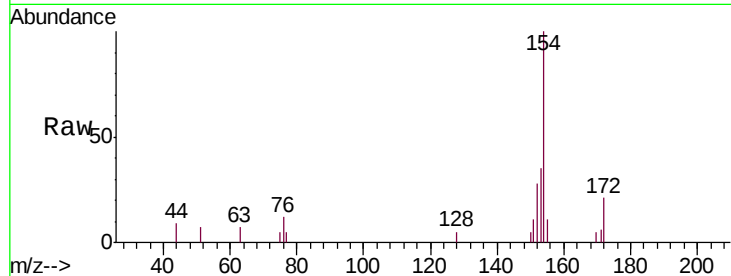




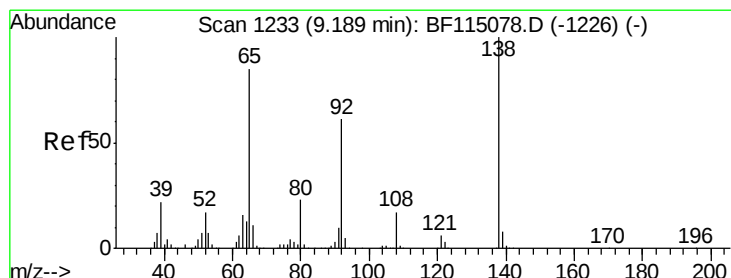
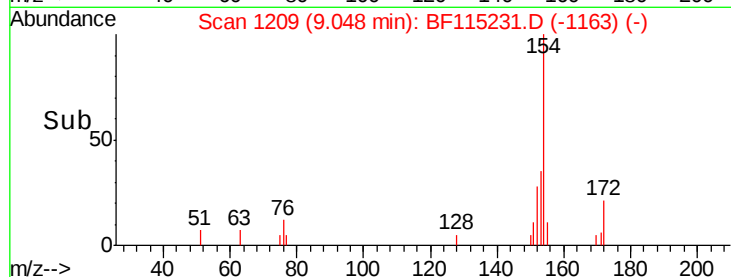
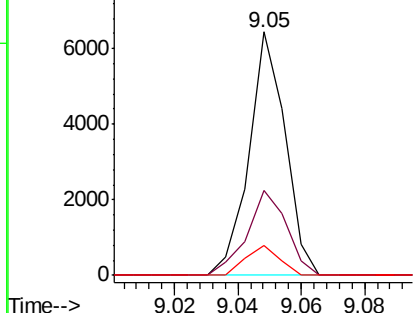
#46
 1,1'-Biphenyl
 Concen: 0.133 ng
 RT: 9.05 min Scan# 1209
 Delta R.T. -0.03 min
 Lab File: BF115231.D
 Acq: 27 Jun 2019 12:53

Instrument :
 BNA_F
 ClientSampleId :
 PB120902BL

Tgt Ion:	154	Resp:	5105
Ion	Ratio	Lower	Upper
154	100		
153	34.7	20.9	60.9
76	12.1	0.0	34.1

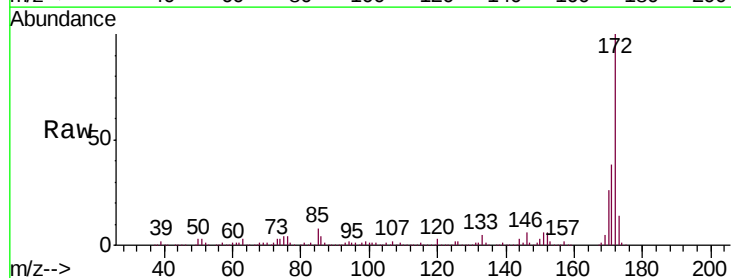


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

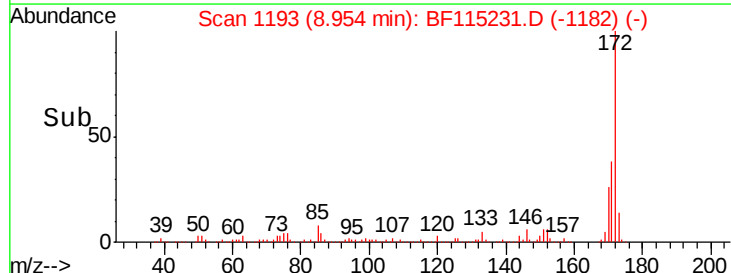
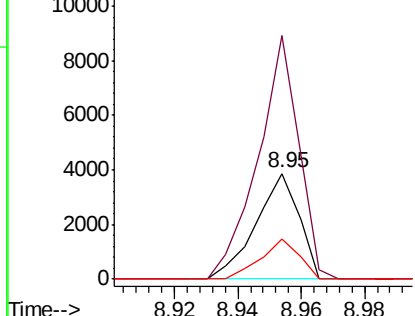


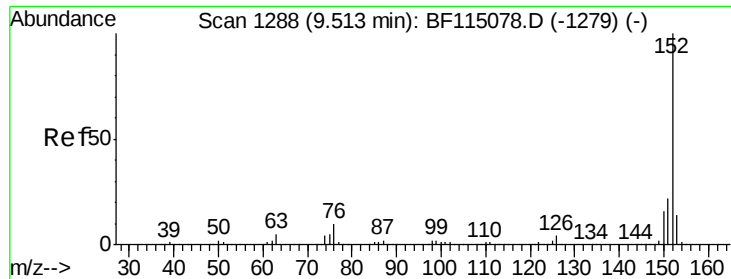
#48
 2-Nitroaniline
 Concen: 0.402 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.24 min
 Lab File: BF115231.D
 Acq: 27 Jun 2019 12:53

Tgt Ion:	65	Resp:	3638
Ion	Ratio	Lower	Upper
65	100		
92	230.2	57.4	86.2#
138	38.0	94.1	141.1#



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





#49

Acenaphthylene

Concen: 0.002 ng

RT: 9.68 min Scan# 1316

Delta R.T. 0.16 min

Lab File: BF115231.D

Acq: 27 Jun 2019 12:53

Instrument :

BNA_F

ClientSampleId :

PB120902BL

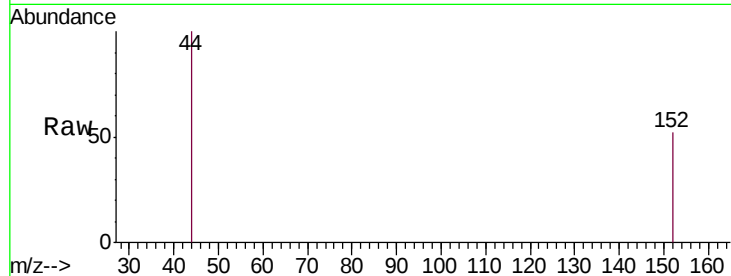
Tgt Ion:152 Resp: 108

Ion Ratio Lower Upper

152 100

151 0.0 17.2 25.8#

153 0.0 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

9.68

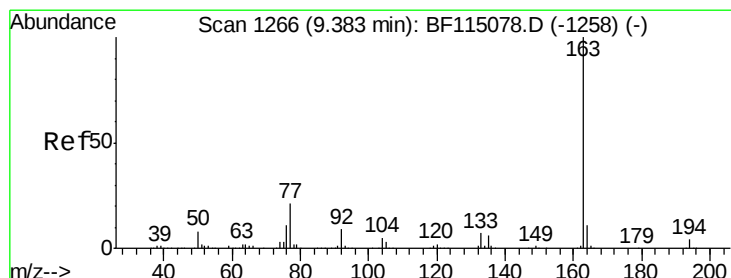
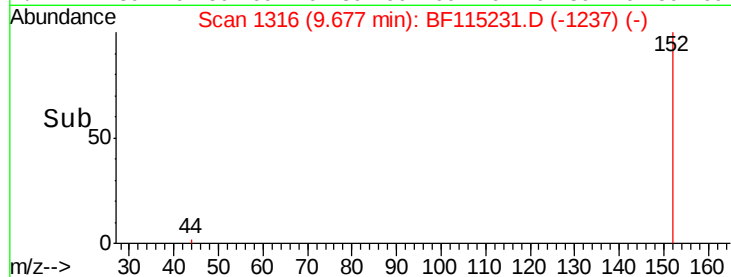
300

200

100

0

Time-->



#50

Dimethylphthalate

Concen: 3.804 ng

RT: 9.62 min Scan# 1307

Delta R.T. 0.24 min

Lab File: BF115231.D

Acq: 27 Jun 2019 12:53

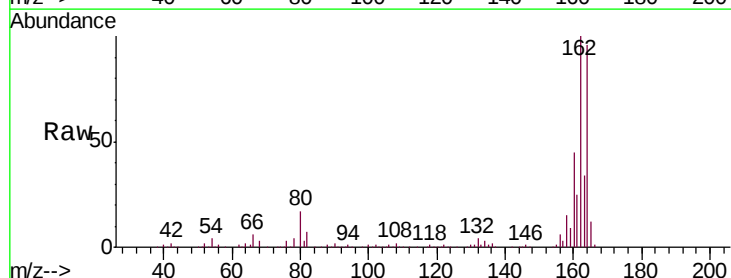
Tgt Ion:163 Resp: 133934

Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

164 278.6 8.6 13.0#



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

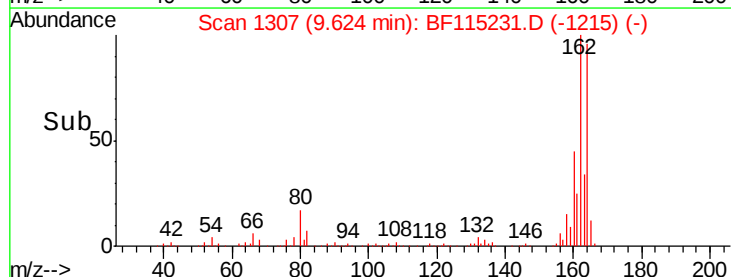
600000

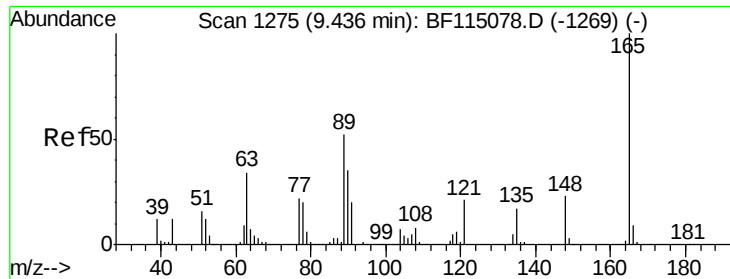
400000

200000

0

Time-->





#51

2,6-Dinitrotoluene

Concen: 7.609 ng

RT: 9.62 min Scan# 1306

Delta R.T. 0.18 min

Lab File: BF115231.D

Acq: 27 Jun 2019 12:53

Instrument :

BNA_F

ClientSampleId :

PB120902BL

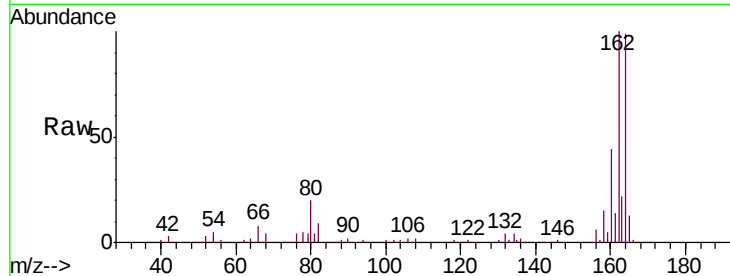
Tgt Ion:165 Resp: 61847

Ion Ratio Lower Upper

165 100

63 1.1 39.4 59.2#

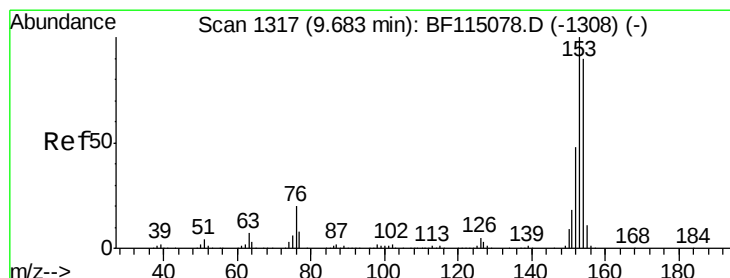
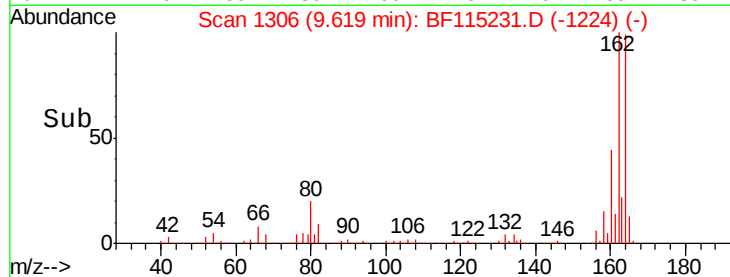
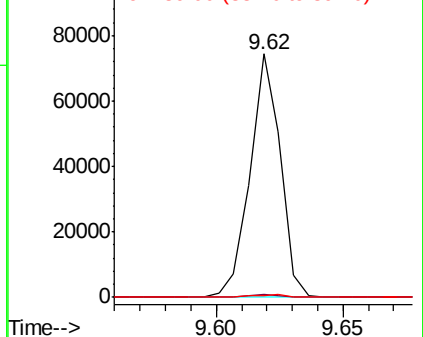
89 0.9 42.0 63.0#



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: 0.052 ng

RT: 9.62 min Scan# 1306

Delta R.T. -0.06 min

Lab File: BF115231.D

Acq: 27 Jun 2019 12:53

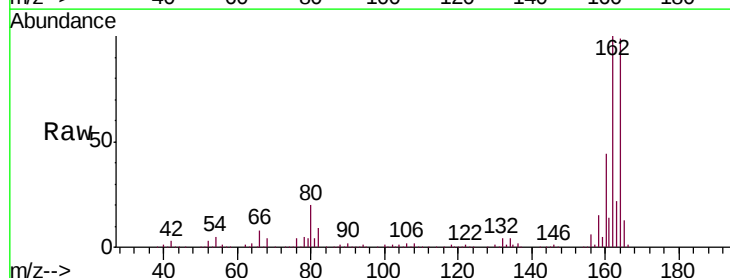
Tgt Ion:154 Resp: 1589

Ion Ratio Lower Upper

154 100

153 0.0 88.7 133.1#

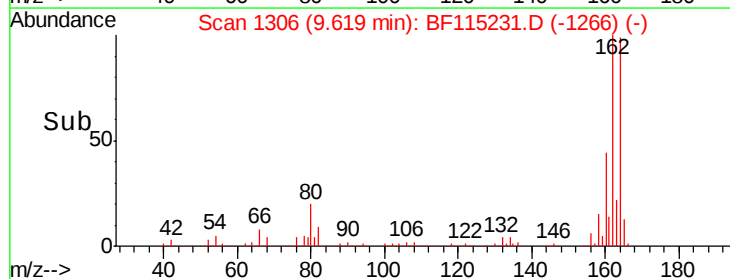
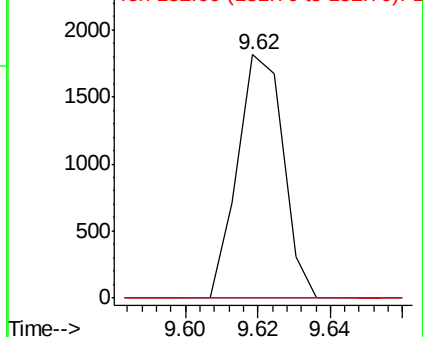
152 0.0 42.6 64.0#

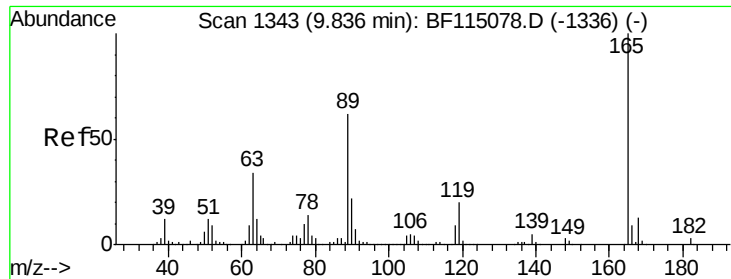


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

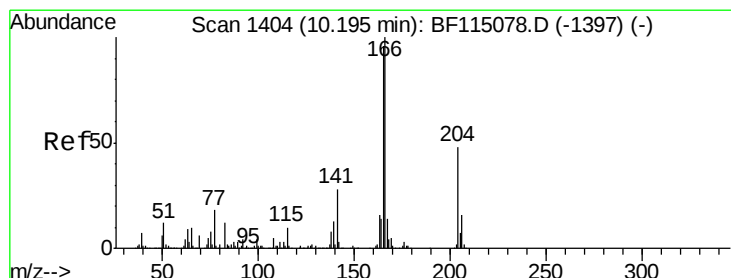
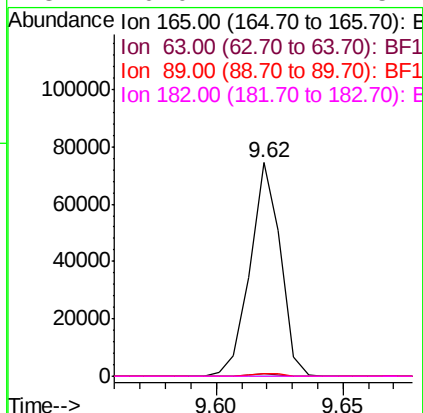
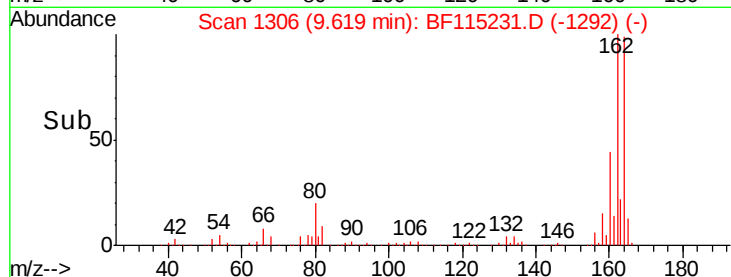
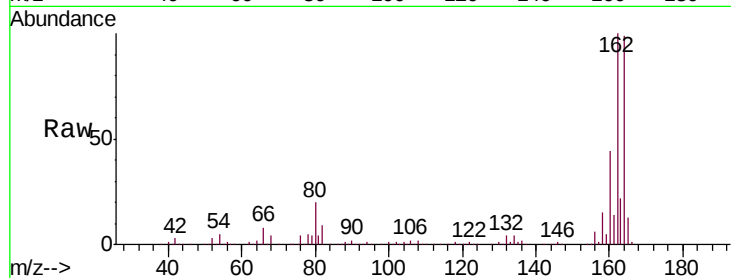




#57
2,4-Dinitrotoluene
Concen: 5.893 ng
RT: 9.62 min Scan# 1306
Delta R.T. -0.22 min
Lab File: BF115231.D
Acq: 27 Jun 2019 12:53

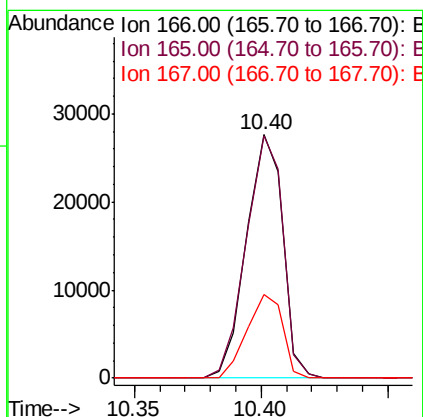
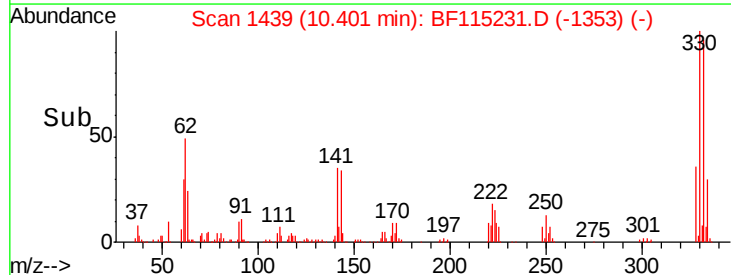
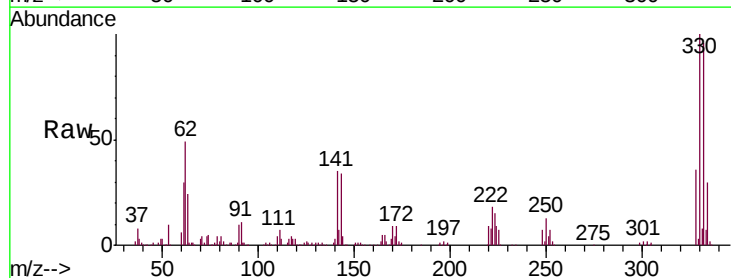
Instrument :
BNA_F
ClientSampleId :
PB120902BL

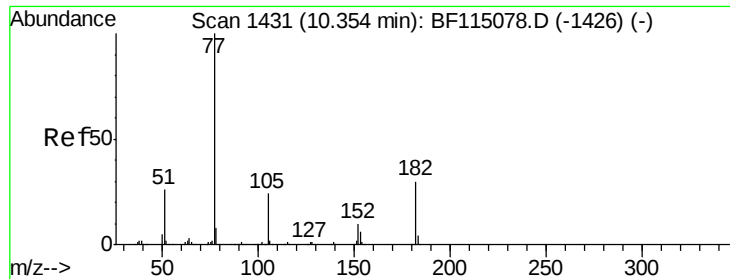
Tgt Ion:	165	Resp:	61847
Ion	Ratio	Lower	Upper
165	100		
63	1.1	27.5	41.3#
89	0.9	49.9	74.9#
182	0.0	2.1	3.1#



#58
Fluorene
Concen: Below Cal
RT: 10.40 min Scan# 1439
Delta R.T. 0.21 min
Lab File: BF115231.D
Acq: 27 Jun 2019 12:53

Tgt Ion:	166	Resp:	27522
Ion	Ratio	Lower	Upper
166	100		
165	99.6	76.5	114.7
167	34.3	11.0	16.4#

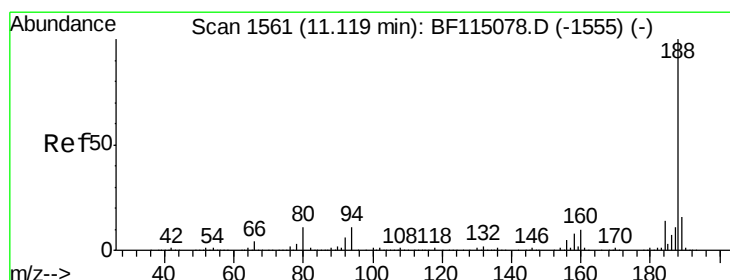
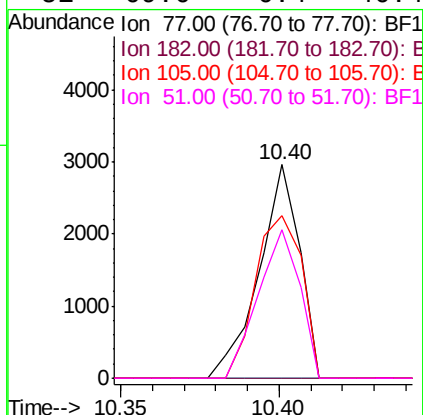
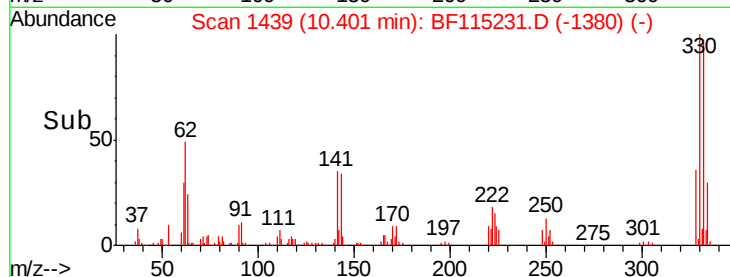
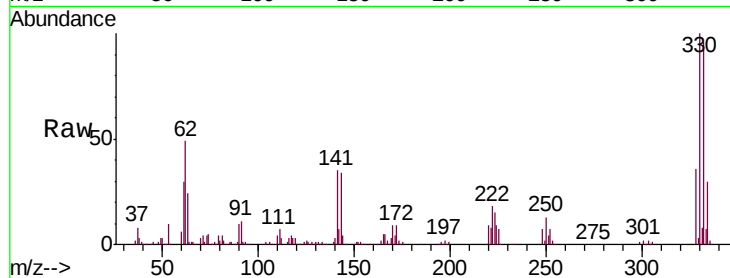




#63
Azobenzene
Concen: 0.080 ng
RT: 10.40 min Scan# 1439
Delta R.T. 0.05 min
Lab File: BF115231.D
Acq: 27 Jun 2019 12:53

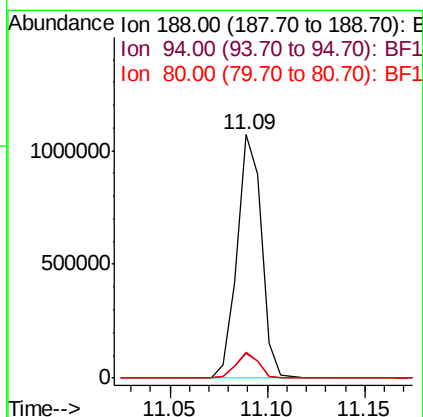
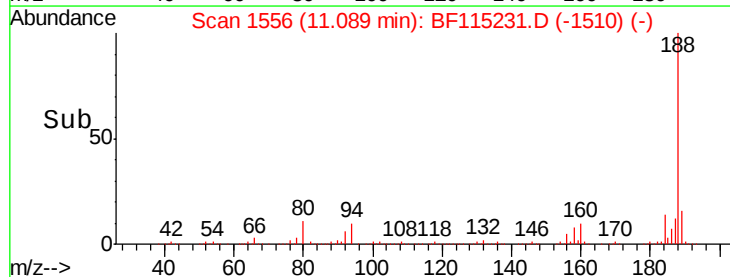
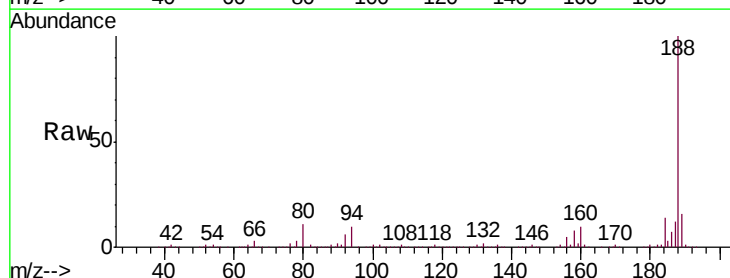
Instrument :
BNA_F
ClientSampleId :
PB120902BL

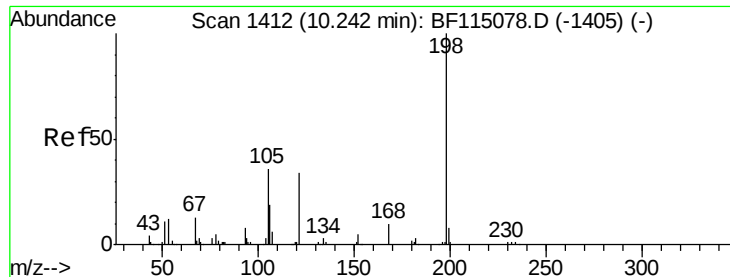
Tgt Ion: 77 Resp: 2636
Ion Ratio Lower Upper
77 100
182 0.0 10.1 50.1#
105 75.8 4.5 44.5#
51 69.6 6.4 46.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.09 min Scan# 1556
Delta R.T. -0.03 min
Lab File: BF115231.D
Acq: 27 Jun 2019 12:53

Tgt Ion: 188 Resp: 928376
Ion Ratio Lower Upper
188 100
94 10.3 8.6 12.8
80 10.7 8.8 13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 5.177 ng

RT: 10.40 min Scan# 1439

Delta R.T. 0.16 min

Lab File: BF115231.D

Acq: 27 Jun 2019 12:53

Instrument :

BNA_F

ClientSampleId :

PB120902BL

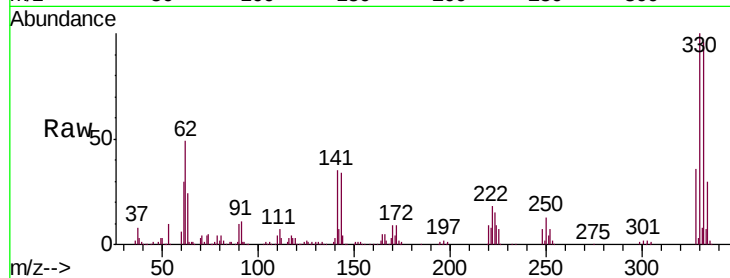
Tgt Ion:198 Resp: 1198

Ion Ratio Lower Upper

198 100

51 147.4 11.0 51.0#

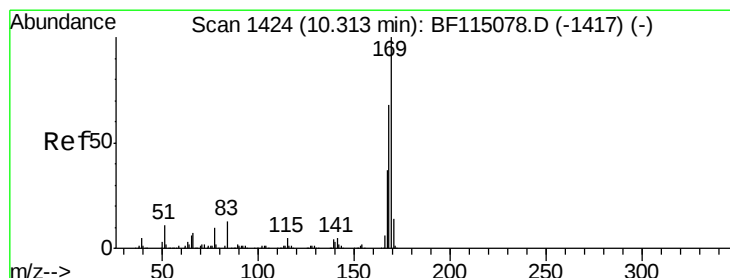
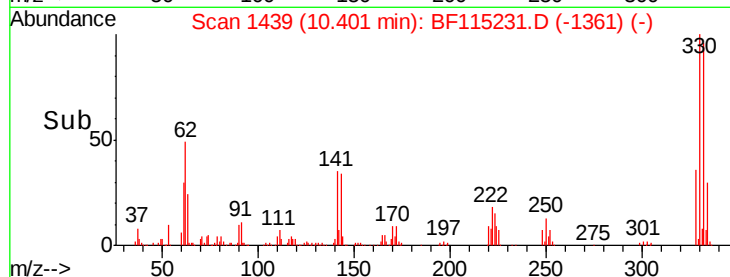
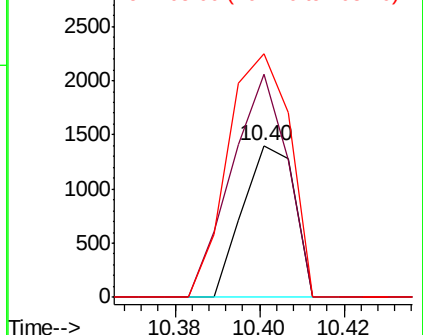
105 160.5 17.3 57.3#



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: 0.606 ng

RT: 10.40 min Scan# 1439

Delta R.T. 0.09 min

Lab File: BF115231.D

Acq: 27 Jun 2019 12:53

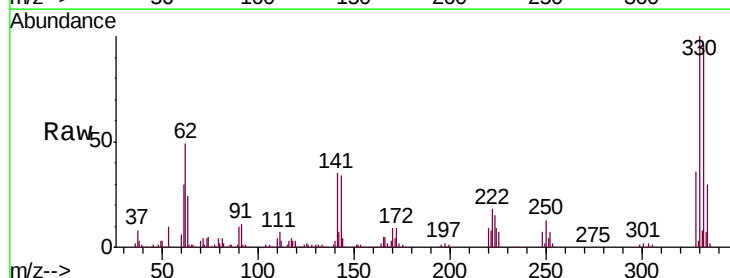
Tgt Ion:169 Resp: 17533

Ion Ratio Lower Upper

169 100

168 7.0 54.2 81.4#

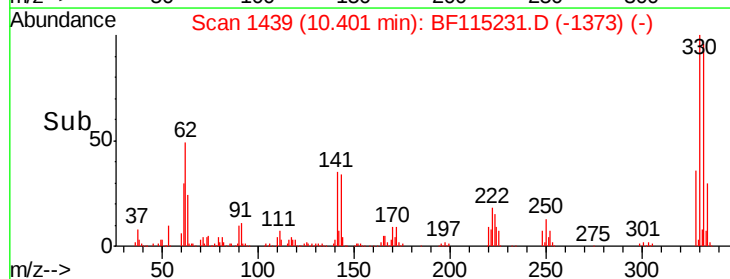
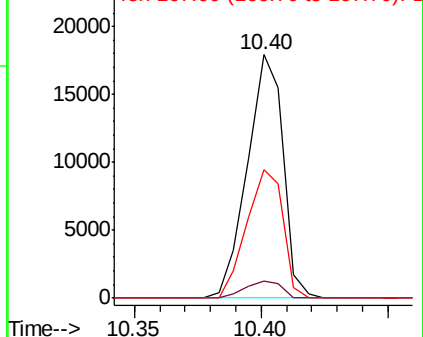
167 52.9 29.4 44.0#

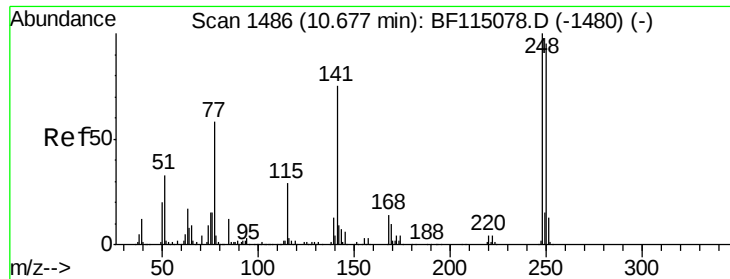


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

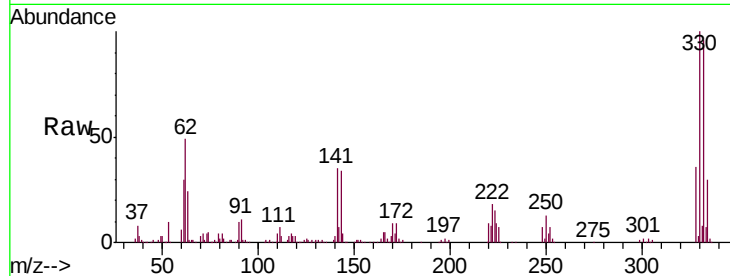




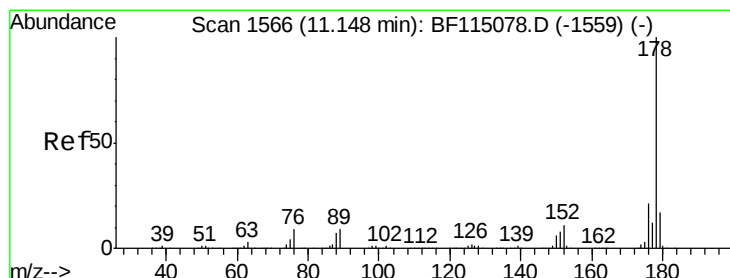
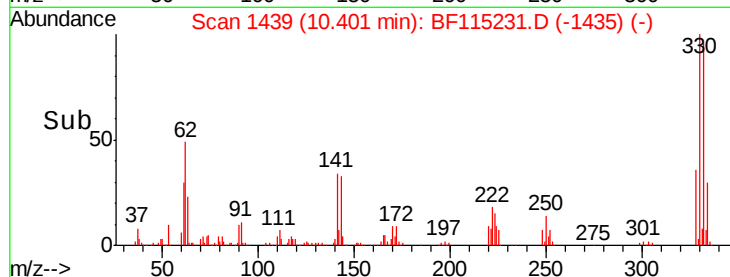
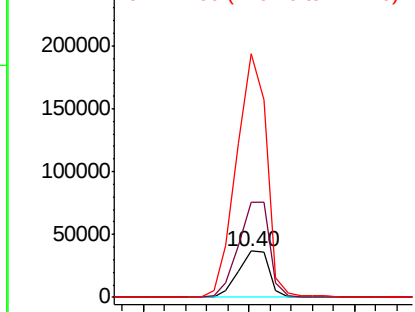
#67
 4-Bromophenyl-phenylether
 Concen: 3.747 ng
 RT: 10.40 min Scan# 1439
 Delta R.T. -0.28 min
 Lab File: BF115231.D
 Acq: 27 Jun 2019 12:53

Instrument :
 BNA_F
 ClientSampleId :
 PB120902BL

Tgt Ion:248 Resp: 37716
 Ion Ratio Lower Upper
 248 100
 250 204.7 76.2 114.2#
 141 524.6 59.6 89.4#

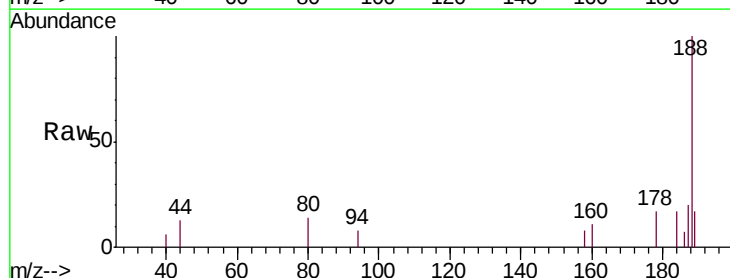


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

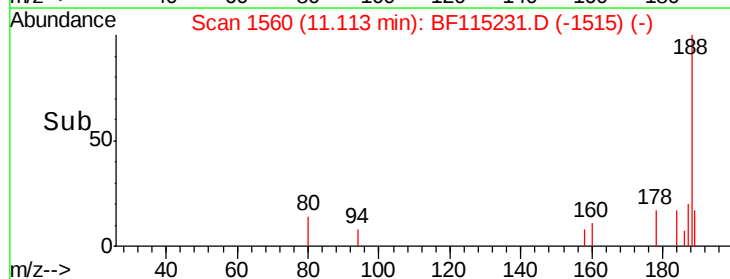
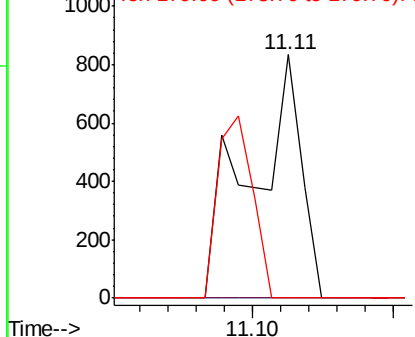


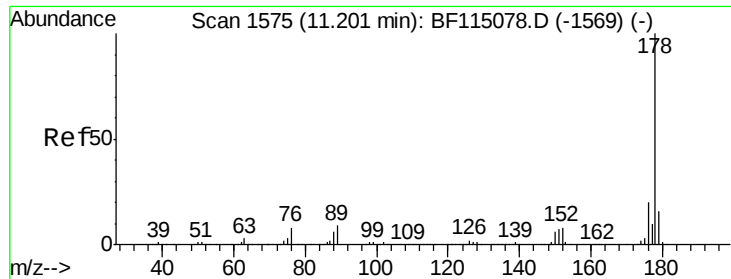
#71
 Phenanthrene
 Concen: 0.021 ng
 RT: 11.11 min Scan# 1560
 Delta R.T. -0.04 min
 Lab File: BF115231.D
 Acq: 27 Jun 2019 12:53

Tgt Ion:178 Resp: 1026
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.9 25.3#
 179 0.0 13.2 19.8#



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: 0.020 ng

RT: 11.11 min Scan# 1560

Delta R.T. -0.09 min

Lab File: BF115231.D

Acq: 27 Jun 2019 12:53

Instrument :

BNA_F

ClientSampleId :

PB120902BL

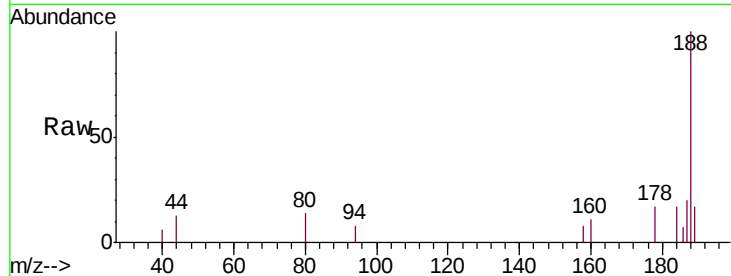
Tgt Ion:178 Resp: 1026

Ion Ratio Lower Upper

178 100

176 0.0 16.1 24.1#

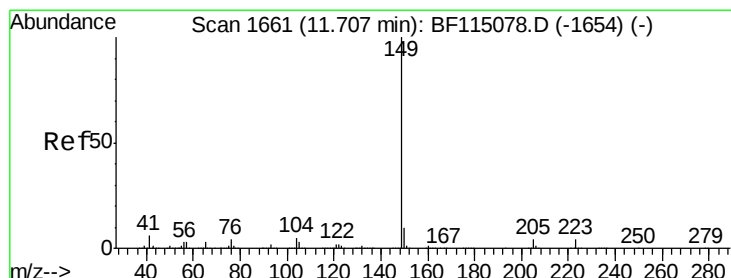
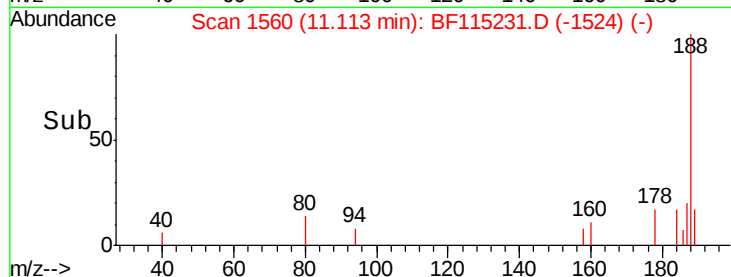
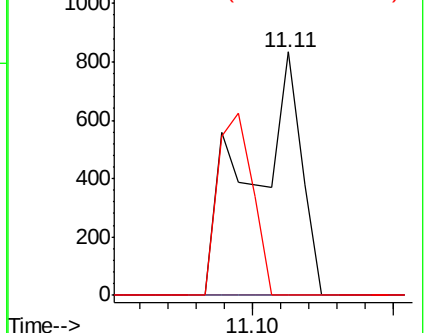
179 0.0 12.9 19.3#



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



#74

Di-n-butylphthalate

Concen: 0.011 ng

RT: 11.67 min Scan# 1655

Delta R.T. -0.04 min

Lab File: BF115231.D

Acq: 27 Jun 2019 12:53

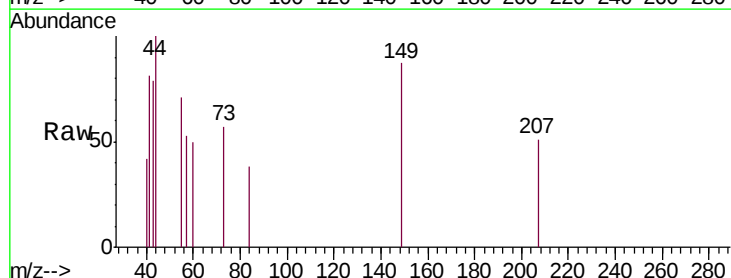
Tgt Ion:149 Resp: 593

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.8#

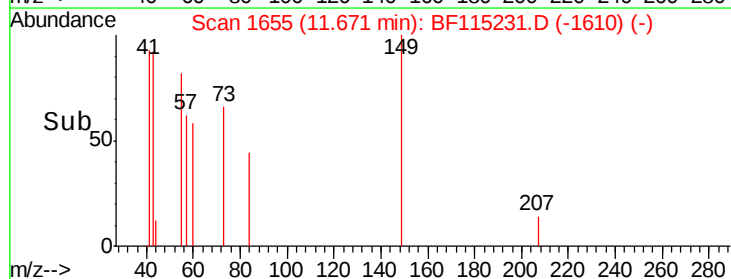
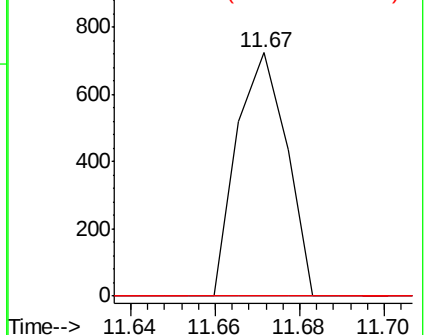
104 0.0 3.7 5.5#

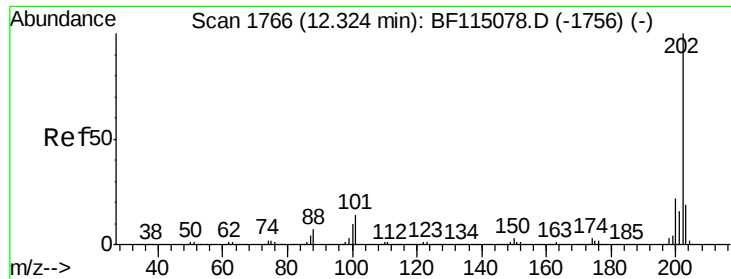


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

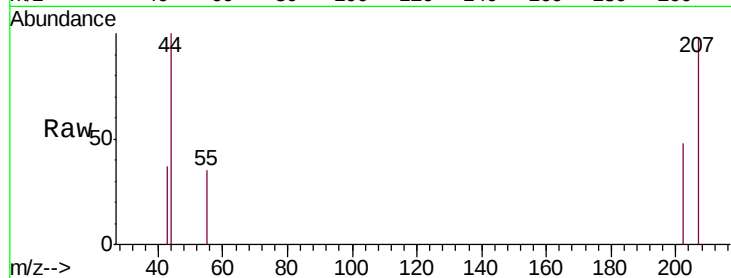




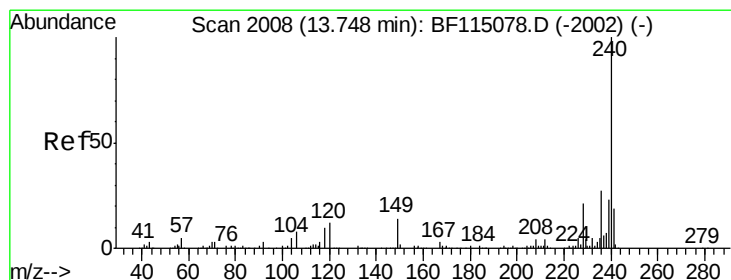
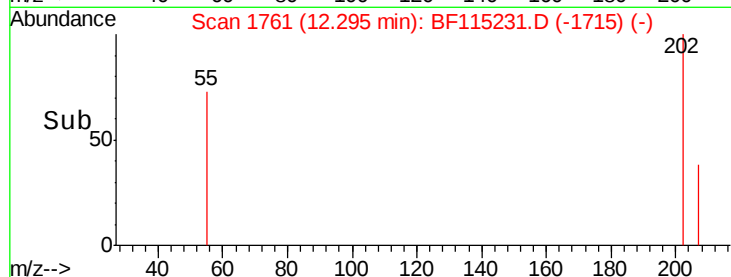
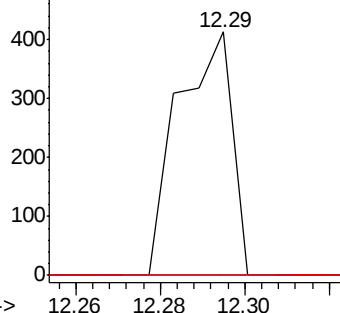
#75
 Fluoranthene
 Concen: 0.007 ng
 RT: 12.29 min Scan# 1761
 Delta R.T. -0.03 min
 Lab File: BF115231.D
 Acq: 27 Jun 2019 12:53

Instrument :
 BNA_F
 ClientSampled :
 PB120902BL

Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	34.0
203	0.0	0.0	38.8

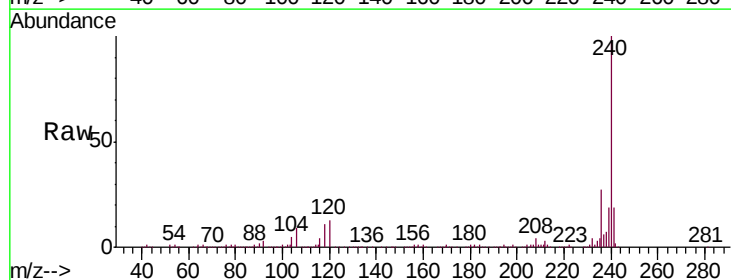


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

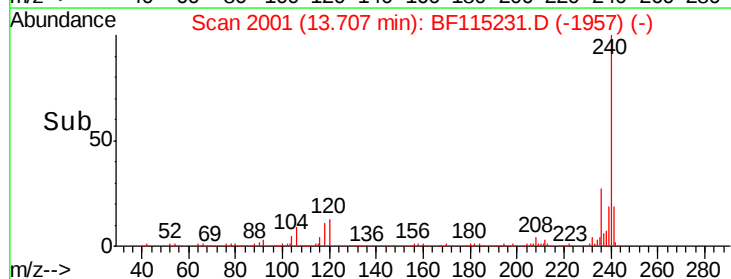
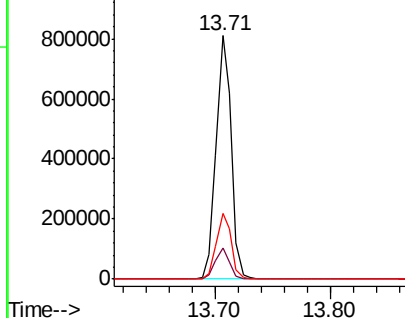


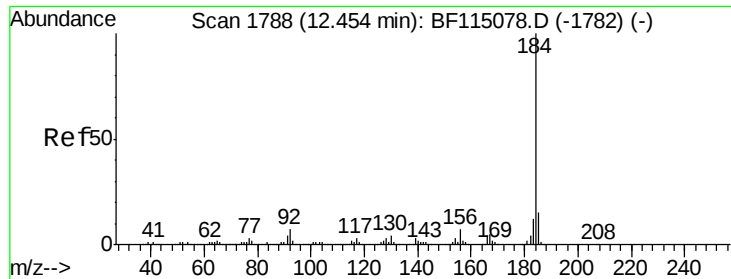
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.71 min Scan# 2001
 Delta R.T. -0.04 min
 Lab File: BF115231.D
 Acq: 27 Jun 2019 12:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.4	14.2
236	27.1	21.7	32.5



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: 1.078 ng

RT: 12.68 min Scan# 1826

Delta R.T. 0.22 min

Lab File: BF115231.D

Acq: 27 Jun 2019 12:53

Instrument :

BNA_F

ClientSampleId :

PB120902BL

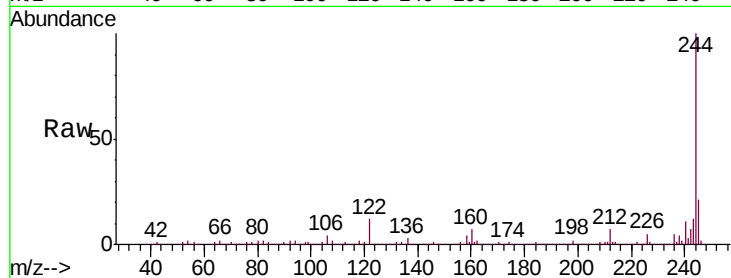
Tgt Ion:184 Resp: 35224

Ion Ratio Lower Upper

184 100

185 15.7 12.2 18.2

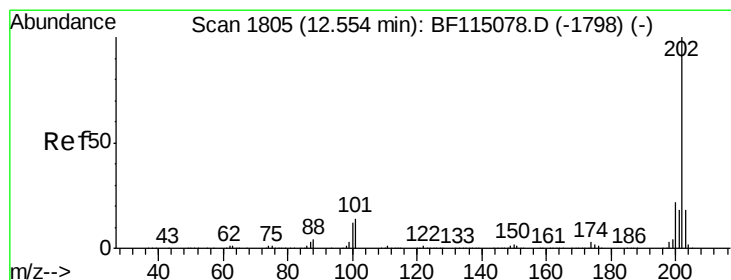
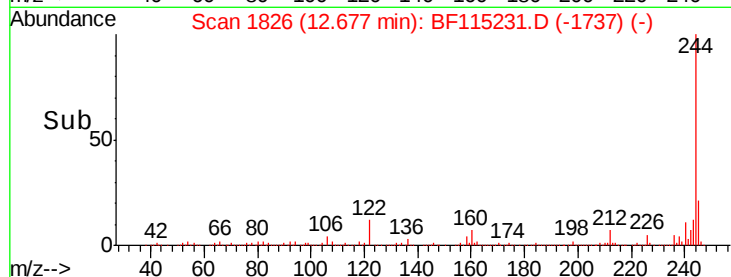
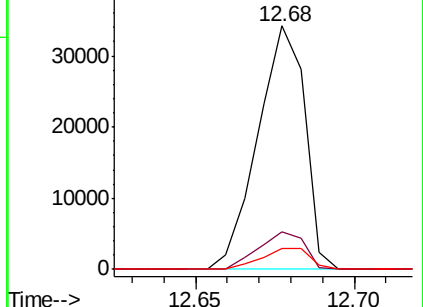
183 8.8 9.6 14.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 0.007 ng

RT: 12.52 min Scan# 1799

Delta R.T. -0.04 min

Lab File: BF115231.D

Acq: 27 Jun 2019 12:53

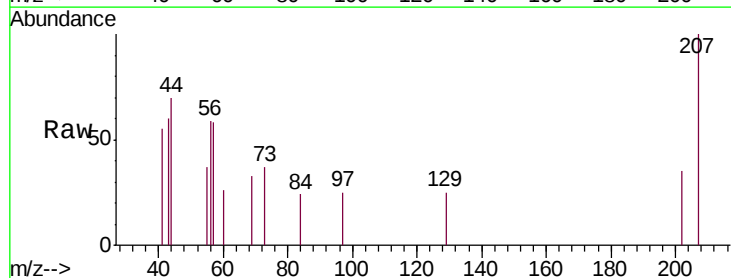
Tgt Ion:202 Resp: 412

Ion Ratio Lower Upper

202 100

200 0.0 17.9 26.9#

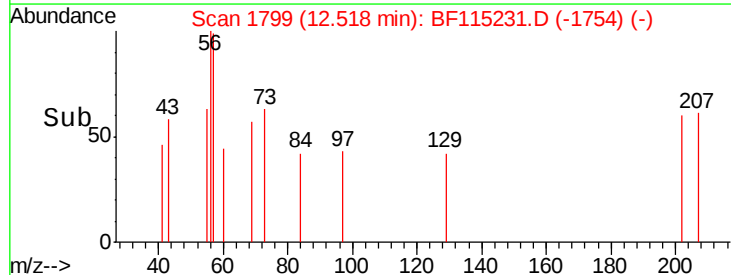
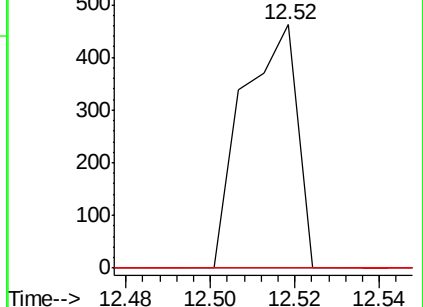
203 0.0 14.6 21.8#

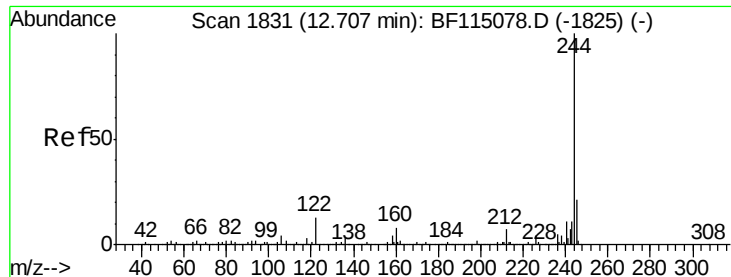


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.416 ng

RT: 12.68 min Scan# 1826

Delta R.T. -0.03 min

Lab File: BF115231.D

Acq: 27 Jun 2019 12:53

Instrument :

BNA_F

ClientSampleId :

PB120902BL

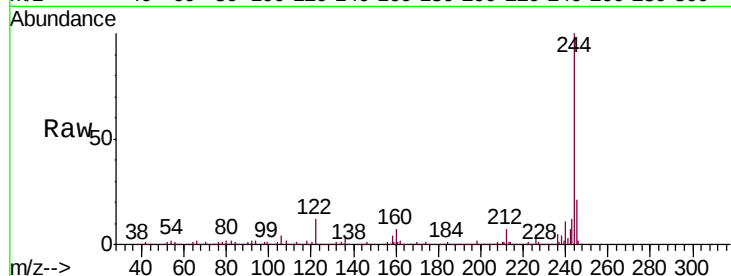
Tgt Ion:244 Resp: 2713362

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

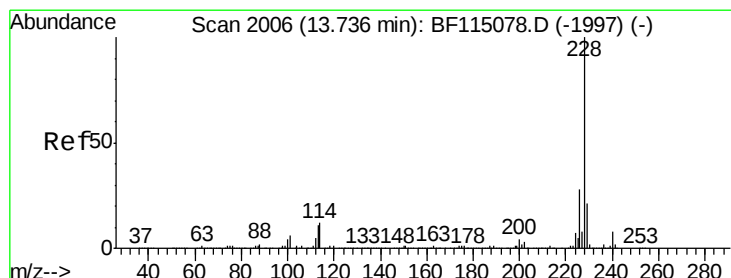
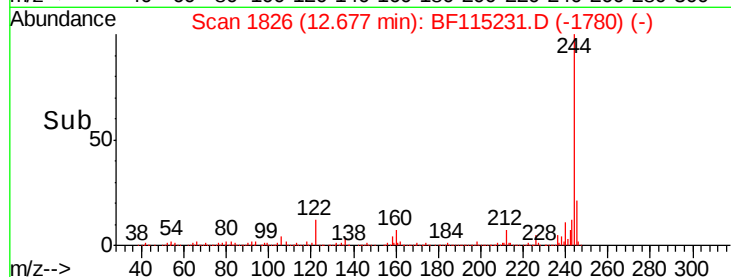
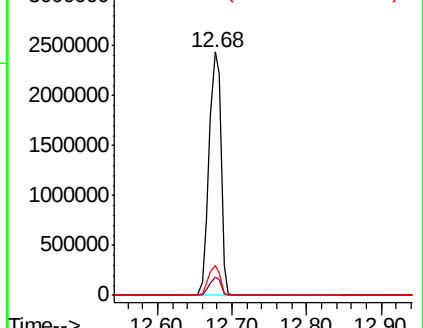
122 12.5 10.4 15.6



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



#81

Benzo(a)anthracene

Concen: 0.042 ng

RT: 13.71 min Scan# 2001

Delta R.T. -0.03 min

Lab File: BF115231.D

Acq: 27 Jun 2019 12:53

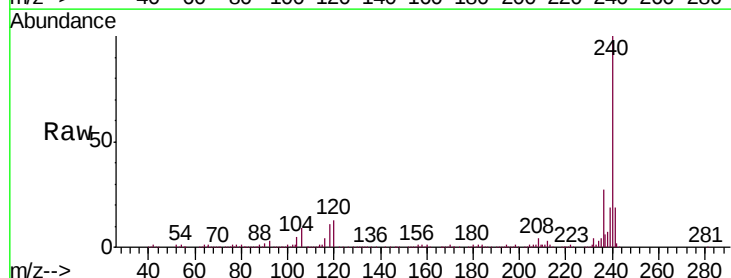
Tgt Ion:228 Resp: 2225

Ion Ratio Lower Upper

228 100

226 0.0 22.5 33.7#

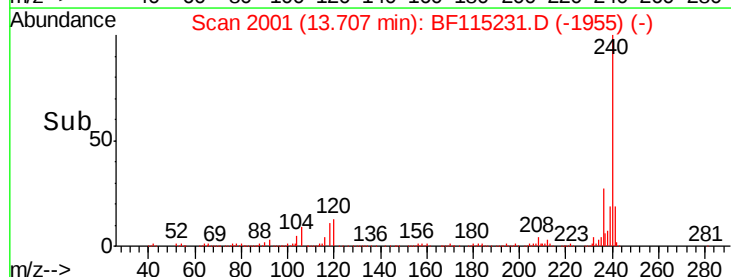
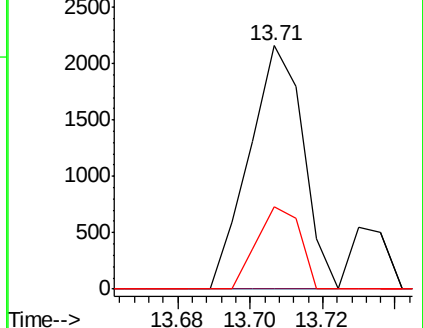
229 33.9 16.6 24.8#

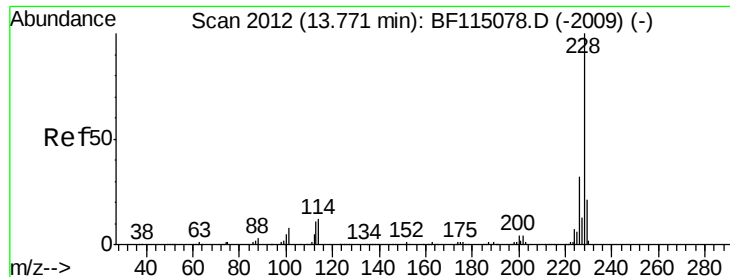


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 0.008 ng

RT: 13.73 min Scan# 2005

Delta R.T. -0.04 min

Lab File: BF115231.D

Acq: 27 Jun 2019 12:53

Instrument :

BNA_F

ClientSampleId :

PB120902BL

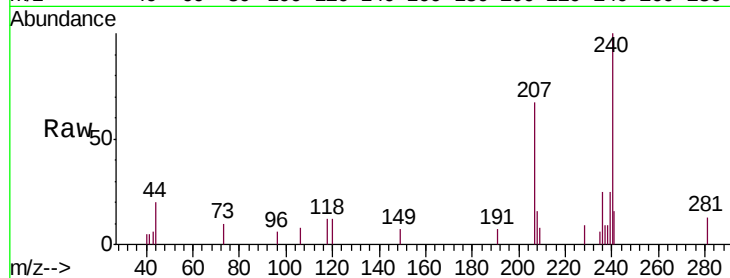
Tgt Ion:228 Resp: 372

Ion Ratio Lower Upper

228 100

226 0.0 25.4 38.0#

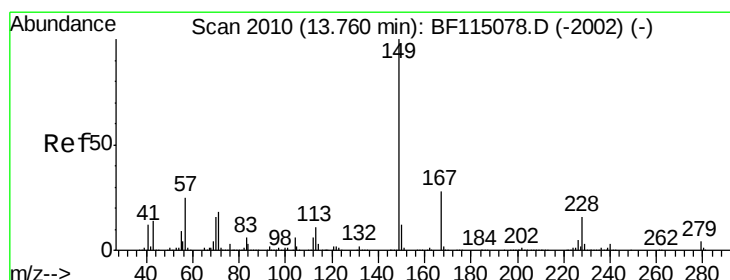
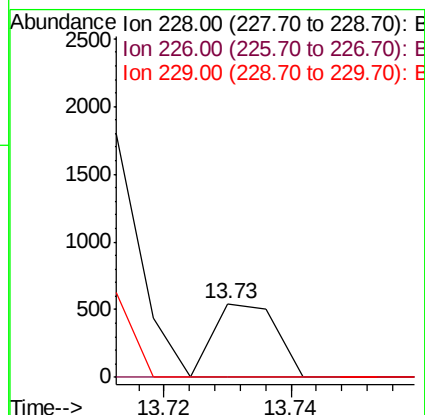
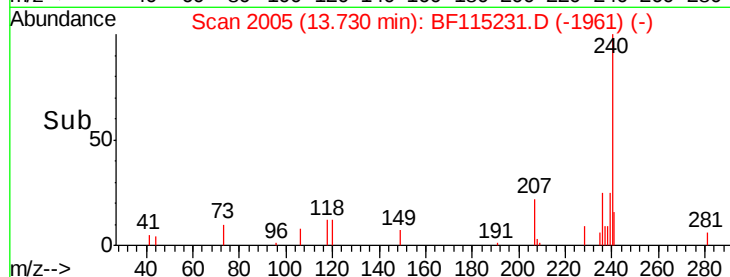
229 0.0 16.5 24.7#



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: 0.016 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.04 min

Lab File: BF115231.D

Acq: 27 Jun 2019 12:53

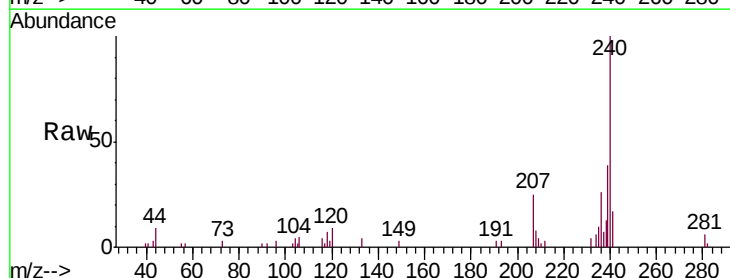
Tgt Ion:149 Resp: 518

Ion Ratio Lower Upper

149 100

167 0.0 22.2 33.4#

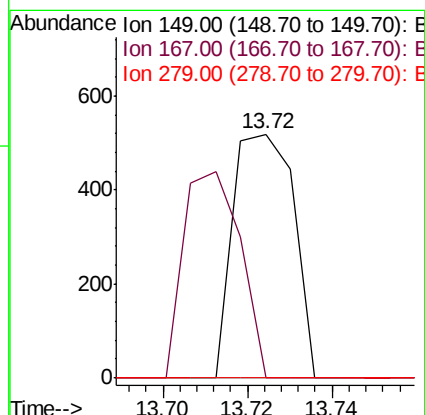
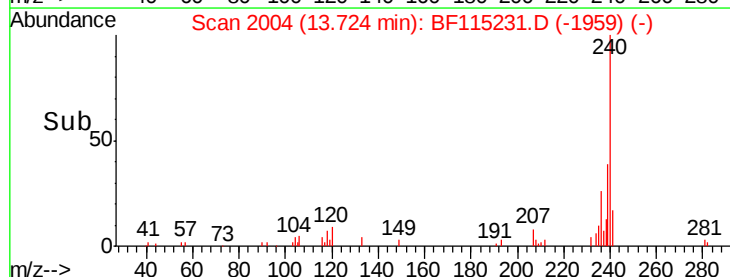
279 0.0 2.9 4.3#

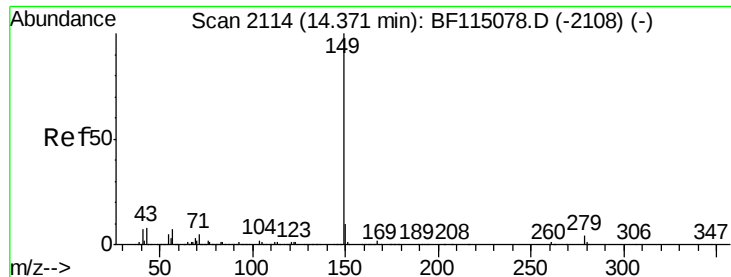


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.005 ng

RT: 14.34 min Scan# 2108

Delta R.T. -0.04 min

Lab File: BF115231.D

Acq: 27 Jun 2019 12:53

Instrument :

BNA_F

ClientSampleId :

PB120902BL

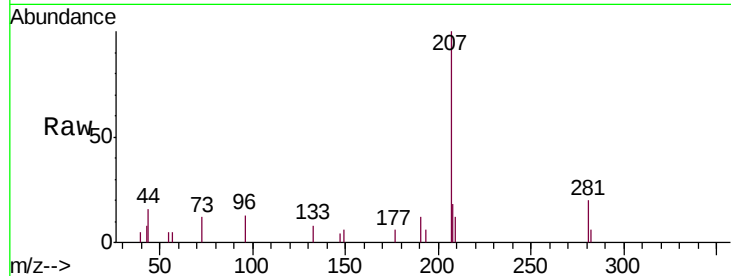
Tgt Ion:149 Resp: 253

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

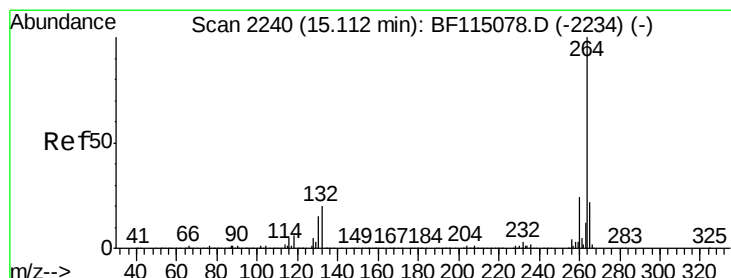
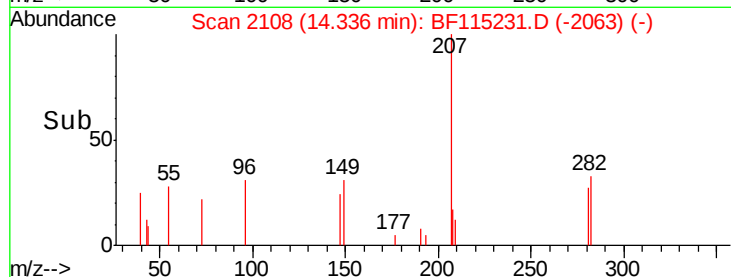
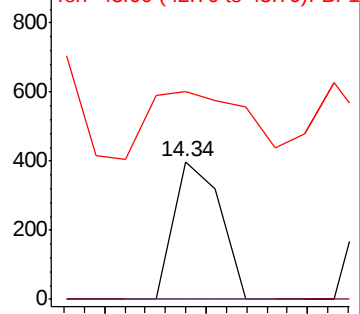
43 102.0 7.0 10.6#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.08 min Scan# 2235

Delta R.T. -0.03 min

Lab File: BF115231.D

Acq: 27 Jun 2019 12:53

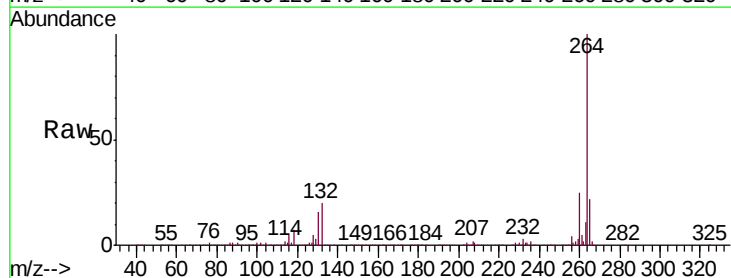
Tgt Ion:264 Resp: 800033

Ion Ratio Lower Upper

264 100

260 24.8 19.6 29.4

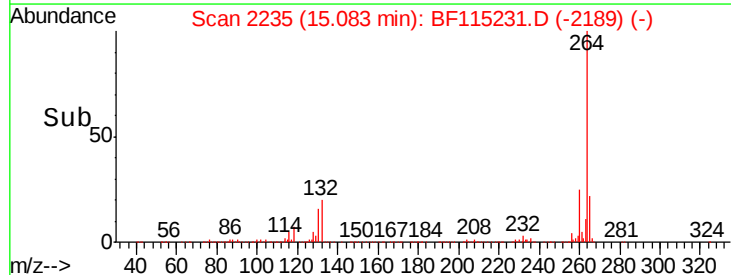
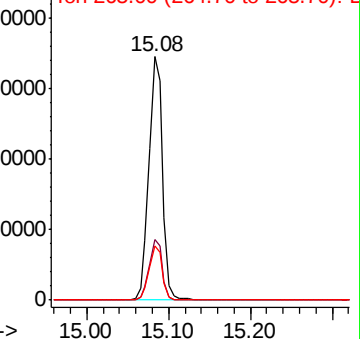
265 22.3 17.3 25.9

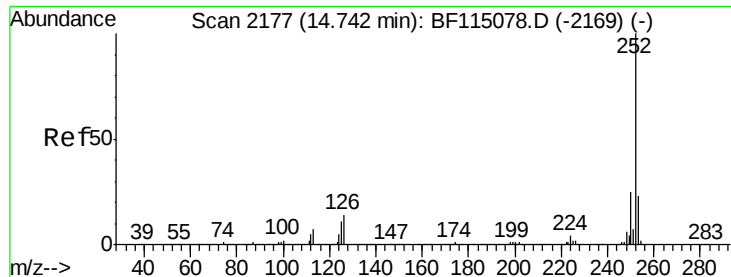


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

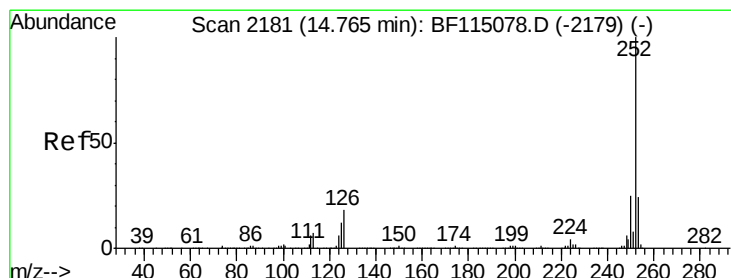
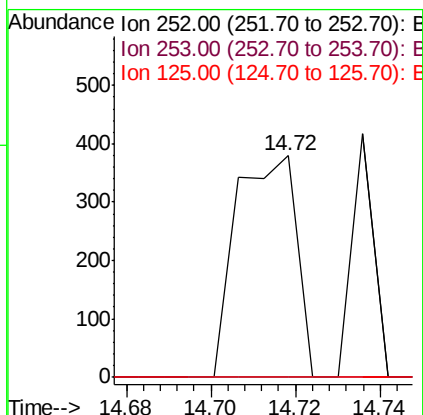
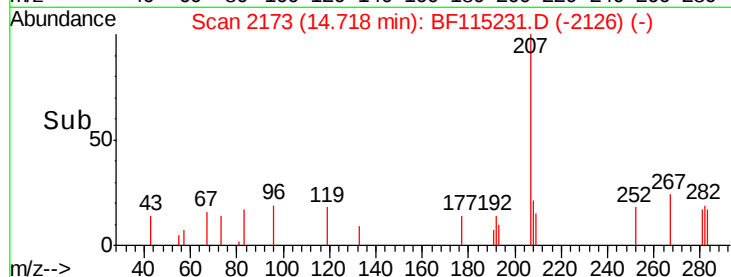
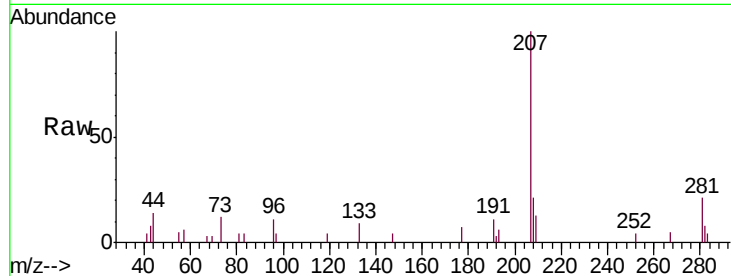




#88
Benzo(b)fluoranthene
Concen: 0.008 ng
RT: 14.72 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BF115231.D
Acq: 27 Jun 2019 12:53

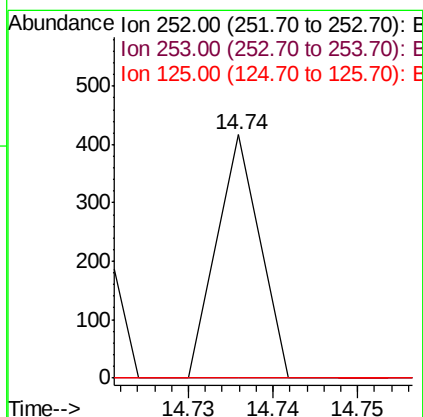
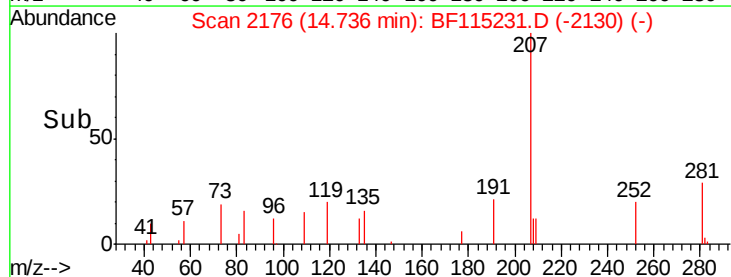
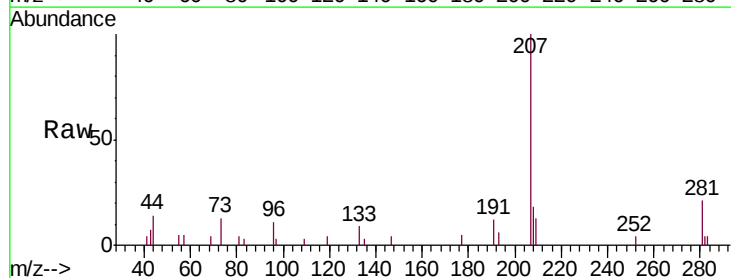
Instrument :
BNA_F
ClientSampleId :
PB120902BL

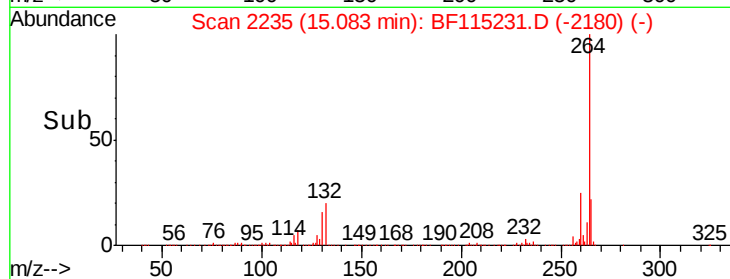
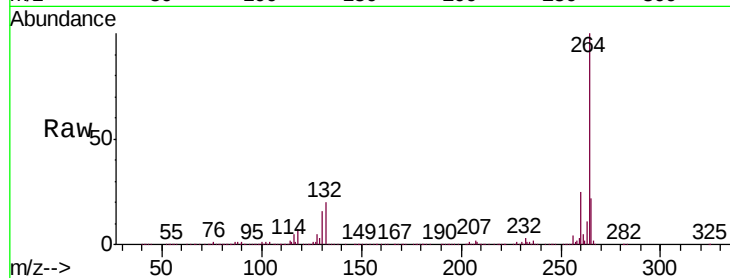
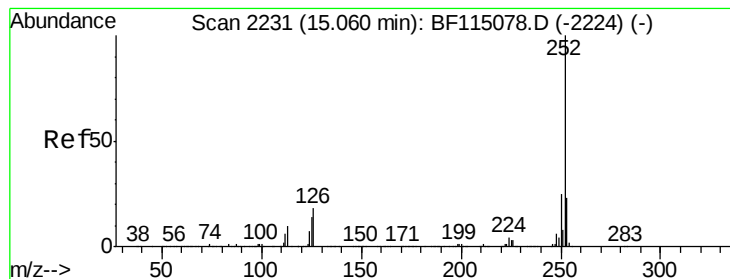
Tgt Ion:252 Resp: 375
Ion Ratio Lower Upper
252 100
253 0.0 18.1 27.1#
125 0.0 8.7 13.1#



#89
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 14.74 min Scan# 2176
Delta R.T. -0.03 min
Lab File: BF115231.D
Acq: 27 Jun 2019 12:53

Tgt Ion:252 Resp: 147
Ion Ratio Lower Upper
252 100
253 0.0 18.9 28.3#
125 0.0 10.2 15.2#





#90

Benzo(a)pyrene

Concen: 0.056 ng

RT: 15.08 min Scan# 2235

Delta R.T. 0.02 min

Lab File: BF115231.D

Acq: 27 Jun 2019 12:53

Instrument :

BNA_F

ClientSampleId :

PB120902BL

Tgt Ion:252 Resp: 2514

Ion Ratio Lower Upper

252 100

253 41.3 18.3 27.5#

125 21.0 10.9 16.3#

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

