

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061219\
 Data File : BF114981.D
 Acq On : 12 Jun 2019 18:10
 Operator : HP/JU
 Sample : PB120290BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120290BL

Quant Time: Jun 13 02:10:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	265686	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1035085	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	509215	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1030334	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	804222	20.00	ng	-0.01
87) Perylene-d12	15.14	264	769707	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	1816791	114.18	ng	0.00
7) Phenol-d6	6.29	99	2265561	118.04	ng	0.00
23) Nitrobenzene-d5	7.21	82	1403671	81.63	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	669428	122.76	ng	0.00
45) 2-Fluorobiphenyl	9.00	172	2631856	87.60	ng	0.00
79) Terphenyl-d14	12.73	244	2923511	68.37	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.28	88	213	0.029	ng	# 26
6) Aniline	6.42	93	2522	0.098	ng	# 1
8) 2-Chlorophenol	6.43	128	608	0.034	ng	# 1
9) Benzaldehyde	6.30	77	3269	Below Cal		# 1
10) Phenol	6.29	94	119	0.006	ng	# 1
11) bis(2-Chloroethyl)ether	6.42	93	2522	0.151	ng	# 1
15) Benzyl Alcohol	6.80	79	22835	1.588	ng	# 45
17) 2-Methylphenol	6.80	107	142	0.009	ng	# 1
19) n-Nitroso-di-n-propylamine	7.21	70	185784	15.931	ng	# 76
20) 3+4-Methylphenols	6.80	107	142	0.008	ng	# 1
22) Acetophenone	6.80	105	110	0.005	ng	# 1
24) Nitrobenzene	7.21	77	3800	0.217	ng	# 30
25) Isophorone	7.21	82	1367823	42.469	ng	# 62
38) 1-Methylnaphthalene	9.00	142	1253	0.041	ng	# 58
46) 1,1'-Biphenyl	9.10	154	5495	0.135	ng	# 98
48) 2-Nitroaniline	9.00	65	3876	0.397	ng	# 1
50) Dimethylphthalate	9.67	163	142921	3.732	ng	# 1
51) 2,6-Dinitrotoluene	9.67	165	66178	7.618	ng	# 36
52) Acenaphthene	9.67	154	1717	0.059	ng	# 5
57) 2,4-Dinitrotoluene	9.67	165	66178	5.985	ng	# 29
58) Fluorene	10.46	166	30882	Below Cal		# 94
63) Azobenzene	10.46	77	2864	0.089	ng	# 5
65) 4,6-Dinitro-2-methylphenol	10.46	198	1317	0.228	ng	# 1
66) n-Nitrosodiphenylamine	10.46	169	19602	0.636	ng	# 46
67) 4-Bromophenyl-phenylether	10.46	248	42932	3.881	ng	# 1
71) Phenanthrene	11.17	178	530	0.010	ng	# 58
72) Anthracene	11.17	178	530	0.010	ng	# 59
74) Di-n-butylphthalate	11.72	149	593	0.010	ng	# 77
75) Fluoranthene	12.35	202	313	0.006	ng	# 62
77) Benzidine	12.73	184	39883	1.226	ng	# 94
78) Pyrene	12.57	202	468	0.006	ng	# 55
81) Benzo(a)anthracene	13.77	228	2528	0.042	ng	# 53
83) Chrysene	13.77	228	2528	0.042	ng	# 49
84) Bis(2-ethylhexyl)phthalate	13.77	149	263	0.007	ng	# 1

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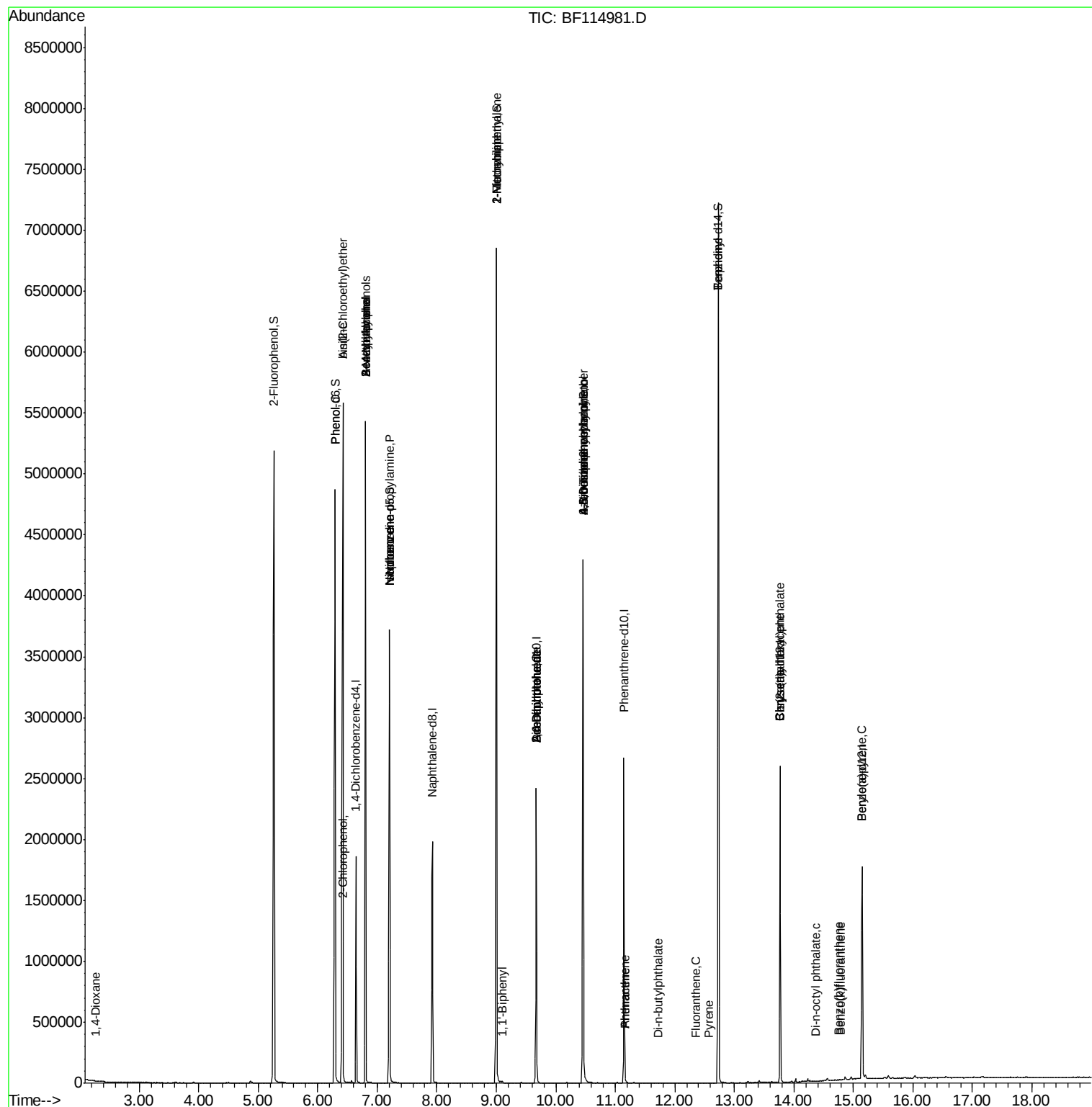
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Di-n-octyl phthalate	14.38	149	178	0.003	ng	# 1
88) Benzo(b)fluoranthene	14.77	252	313	0.006	ng	# 59
89) Benzo(k)fluoranthene	14.79	252	134	0.003	ng	# 59
90) Benzo(a)pyrene	15.14	252	2398	0.054	ng	# 56

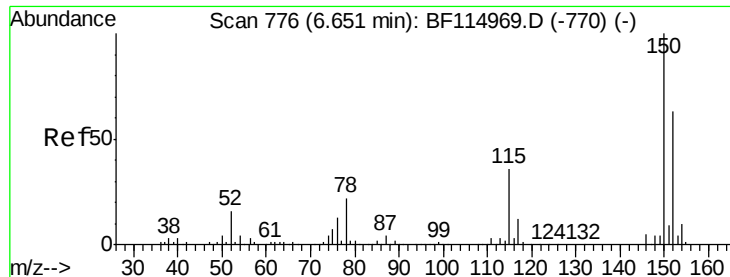
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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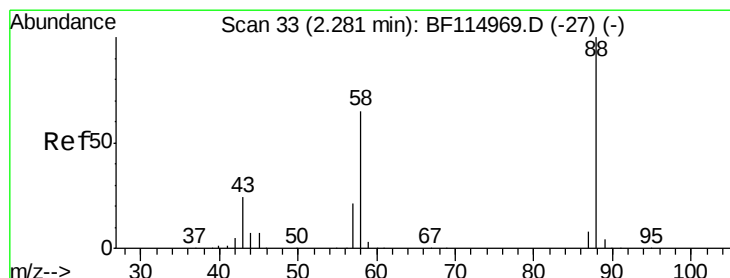
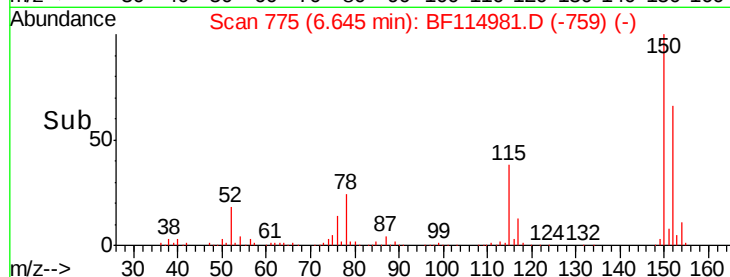
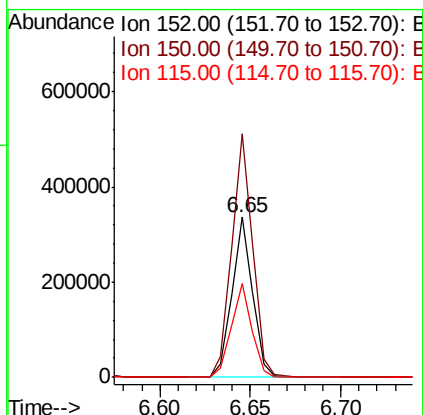
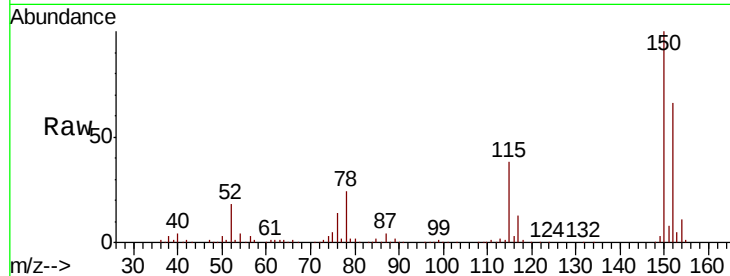




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF114981.D
 Acq: 12 Jun 2019 18:10

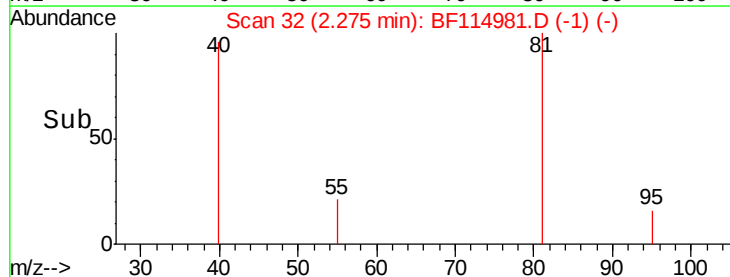
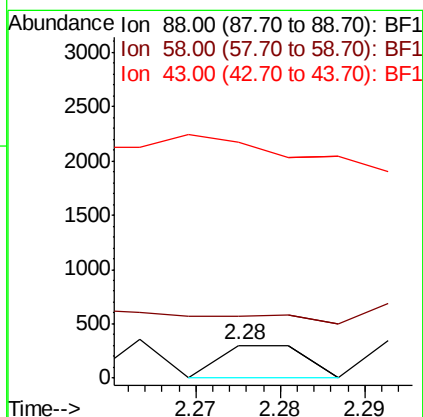
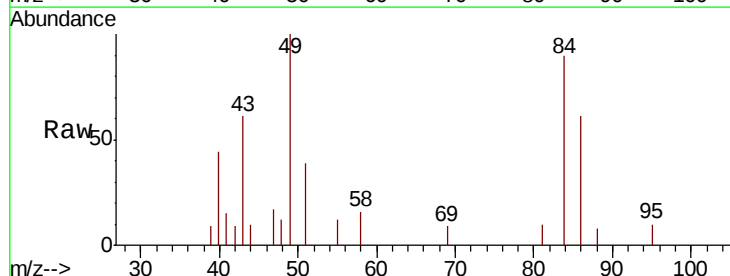
Instrument :
 BNA_F
 ClientSampleId :
 PB120290BL

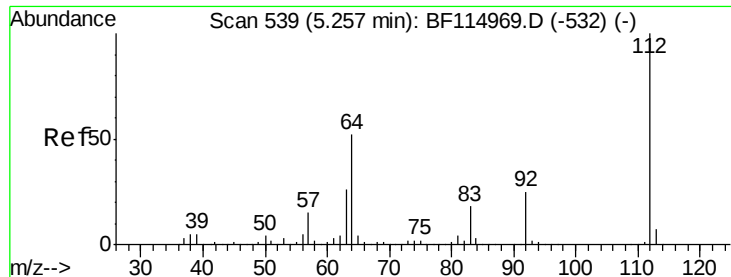
Tgt Ion: 152 Resp: 265686
 Ion Ratio Lower Upper
 152 100
 150 152.1 127.4 191.0
 115 58.3 46.0 69.0



#2
 1,4-Dioxane
 Concen: 0.029 ng
 RT: 2.28 min Scan# 32
 Delta R.T. -0.01 min
 Lab File: BF114981.D
 Acq: 12 Jun 2019 18:10

Tgt Ion: 88 Resp: 213
 Ion Ratio Lower Upper
 88 100
 58 0.0 53.4 80.2#
 43 0.0 19.7 29.5#





#5

2-Fluorophenol

Concen: 114.182 ng

RT: 5.26 min Scan# 540

Delta R.T. 0.01 min

Lab File: BF114981.D

Acq: 12 Jun 2019 18:10

Instrument :

BNA_F

ClientSampleId :

PB120290BL

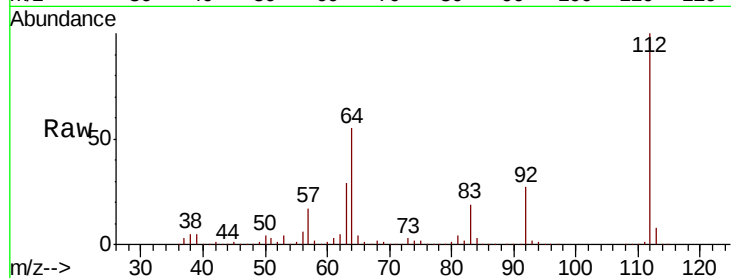
Tgt Ion: 112 Resp: 1816791

Ion Ratio Lower Upper

112 100

64 55.4 41.6 62.4

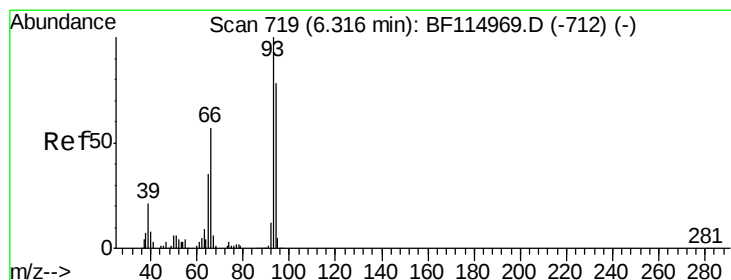
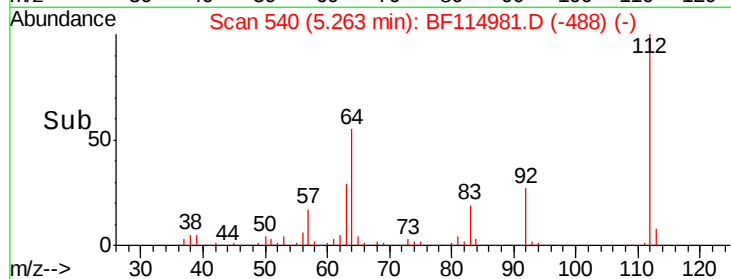
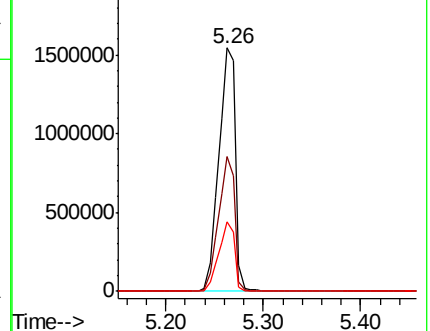
63 28.8 20.9 31.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.098 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.11 min

Lab File: BF114981.D

Acq: 12 Jun 2019 18:10

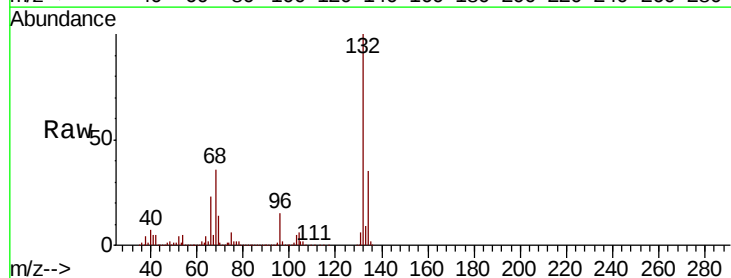
Tgt Ion: 93 Resp: 2522

Ion Ratio Lower Upper

93 100

66 17363.7 46.2 69.2#

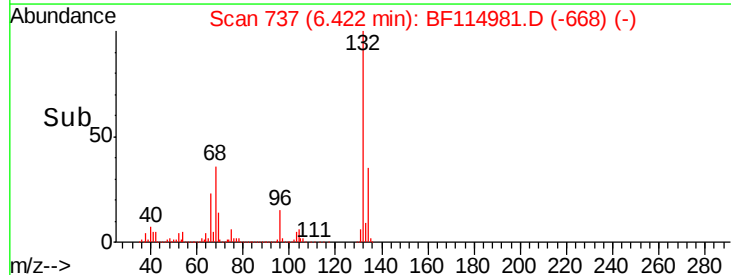
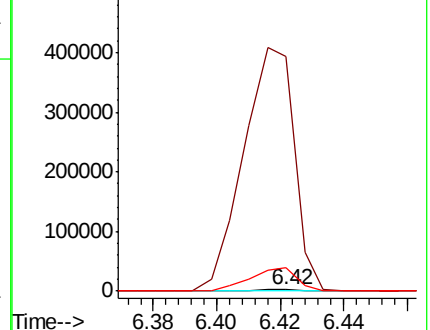
65 1772.9 27.7 41.5#

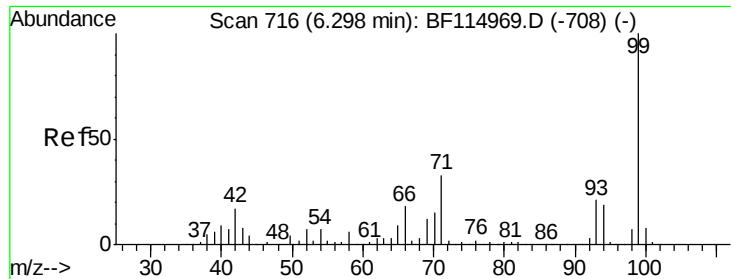


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.037 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF114981.D

Acq: 12 Jun 2019 18:10

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PB120290BL

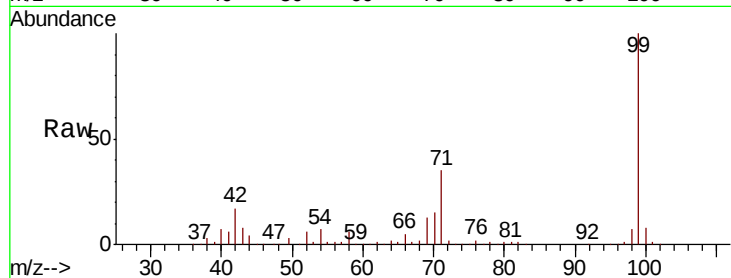
Tgt Ion: 99 Resp: 2265561

Ion Ratio Lower Upper

99 100

42 17.0 13.4 20.2

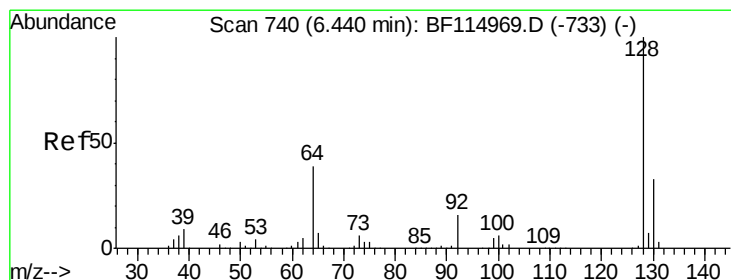
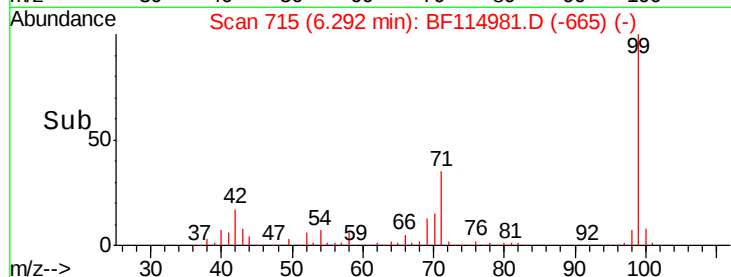
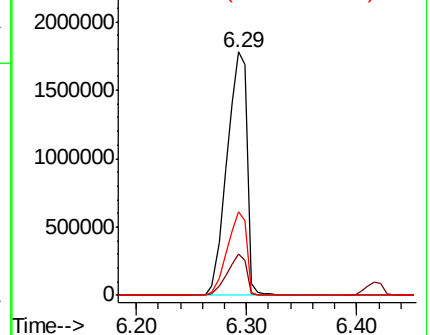
71 34.6 26.4 39.6



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



#8

2-Chlorophenol

Concen: 0.034 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF114981.D

Acq: 12 Jun 2019 18:10

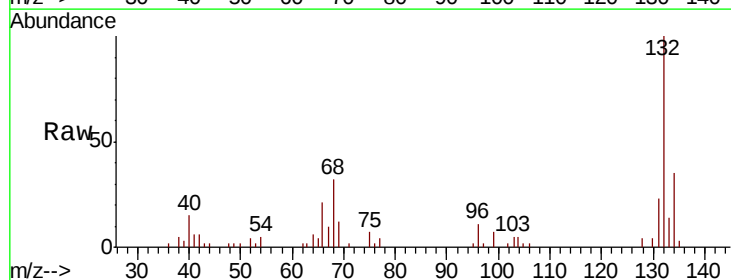
Tgt Ion: 128 Resp: 608

Ion Ratio Lower Upper

128 100

130 110.6 13.4 53.4#

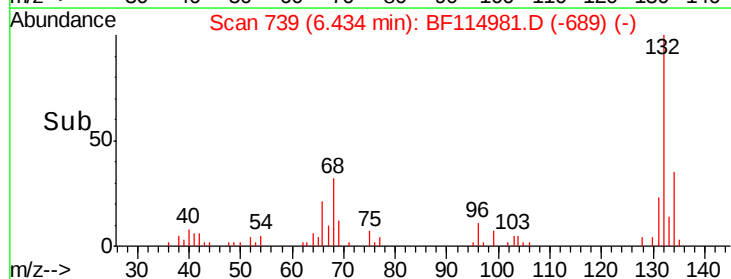
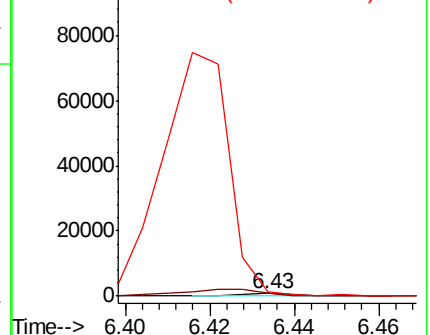
64 158.0 20.1 60.1#

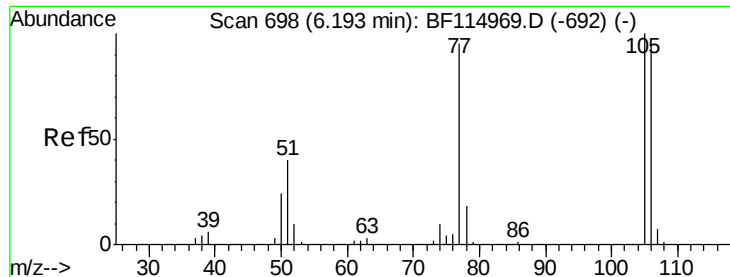


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

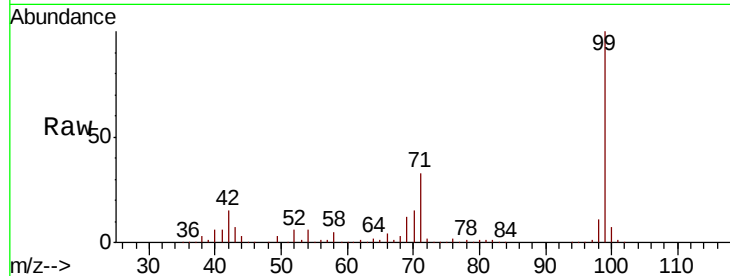




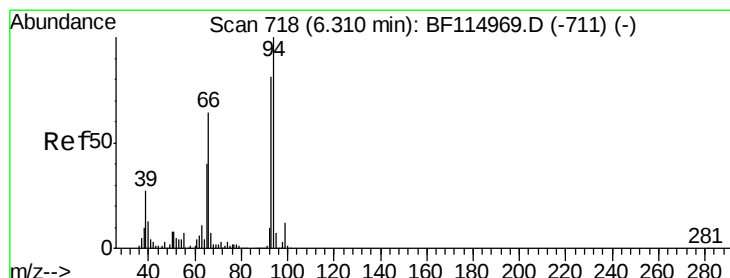
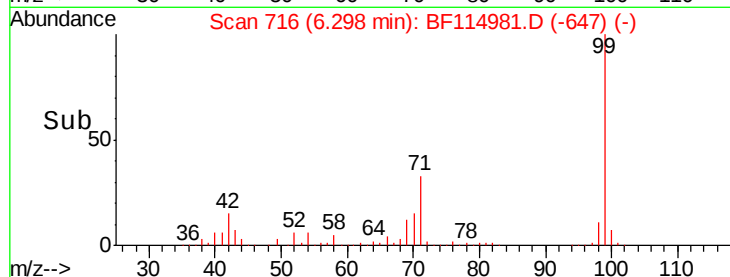
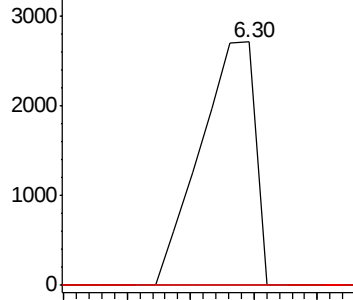
#9
Benzaldehyde
Concen: Below Cal
RT: 6.30 min Scan# 716
Delta R.T. 0.11 min
Lab File: BF114981.D
Acq: 12 Jun 2019 18:10

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Tgt Ion: 77 Resp: 3269
Ion Ratio Lower Upper
77 100
105 0.0 85.1 125.1#
106 0.0 80.0 120.0#

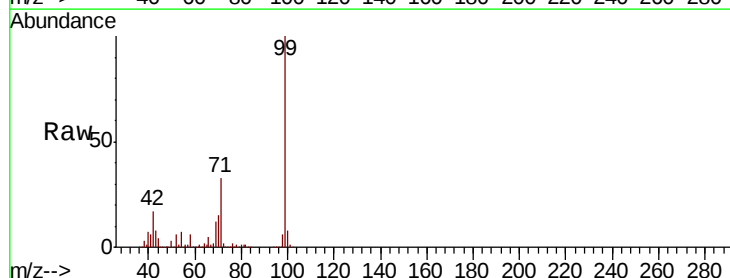


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

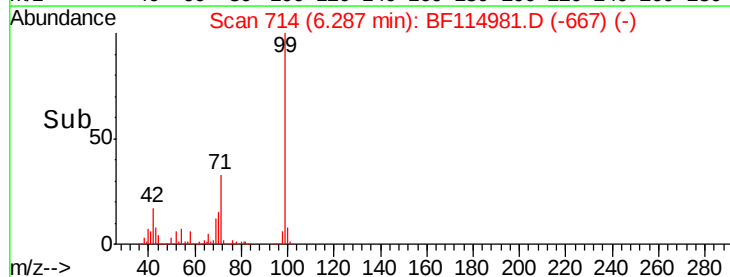
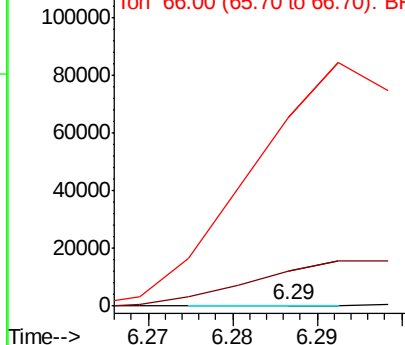


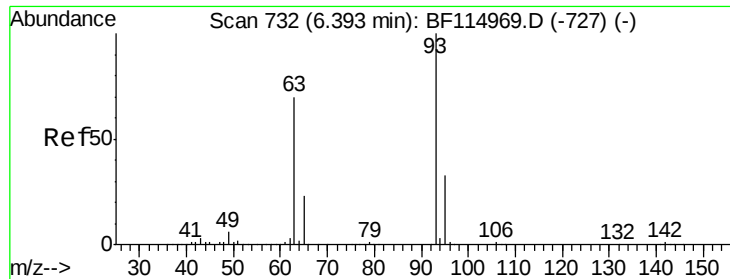
#10
Phenol
Concen: 0.006 ng
RT: 6.29 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF114981.D
Acq: 12 Jun 2019 18:10

Tgt Ion: 94 Resp: 119
Ion Ratio Lower Upper
94 100
65 3575.6 20.0 60.0#
66 19514.3 44.1 84.1#



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

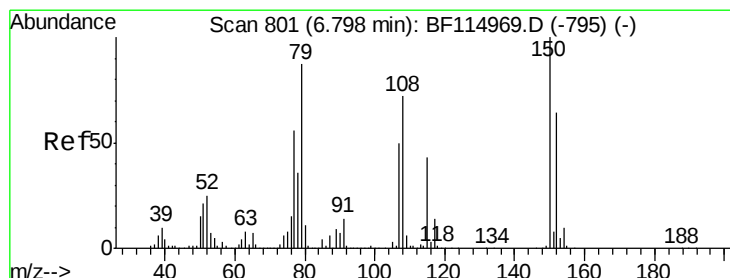
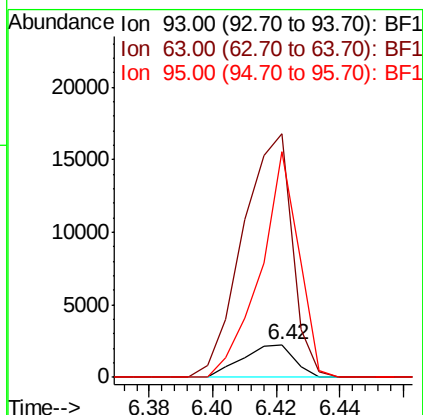
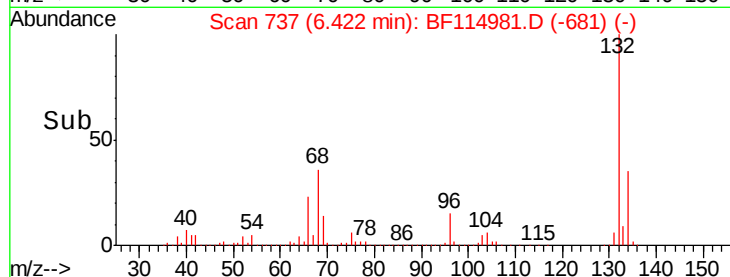
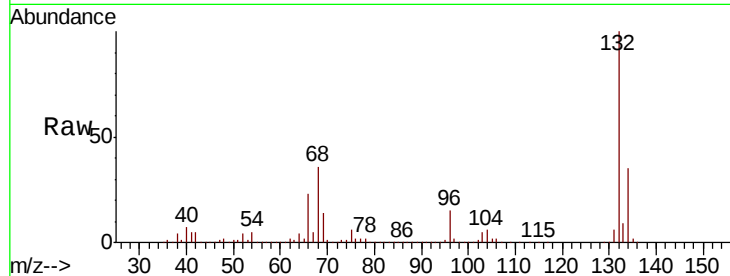




#11
bis(2-Chloroethyl)ether
Concen: 0.151 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.03 min
Lab File: BF114981.D
Acq: 12 Jun 2019 18:10

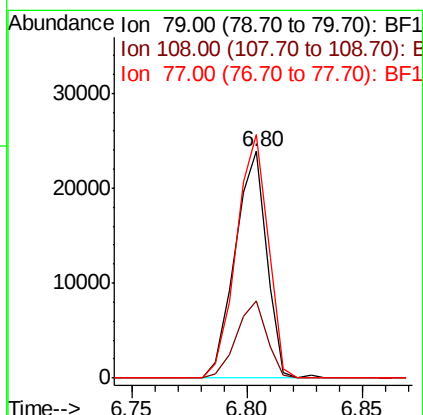
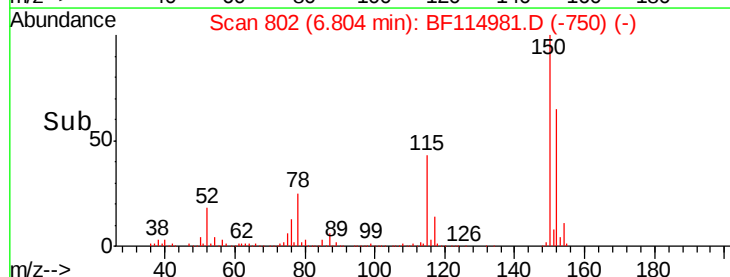
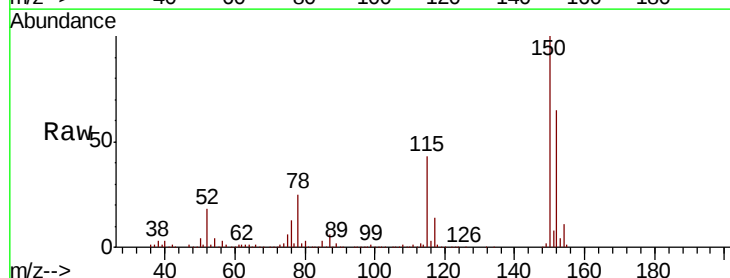
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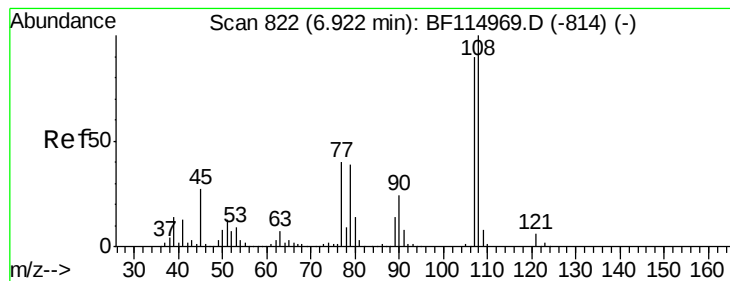
Tgt Ion: 93 Resp: 2522
Ion Ratio Lower Upper
93 100
63 742.4 49.8 89.8#
95 689.1 13.3 53.3#



#15
Benzyl Alcohol
Concen: 1.588 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF114981.D
Acq: 12 Jun 2019 18:10

Tgt Ion: 79 Resp: 22835
Ion Ratio Lower Upper
79 100
108 33.9 66.0 99.0#
77 107.3 51.1 76.7#





#17

2-Methylphenol

Concen: 0.009 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.12 min

Lab File: BF114981.D

Acq: 12 Jun 2019 18:10

Instrument :

BNA_F

ClientSampleId :

PB120290BL

Tgt Ion:107 Resp: 142

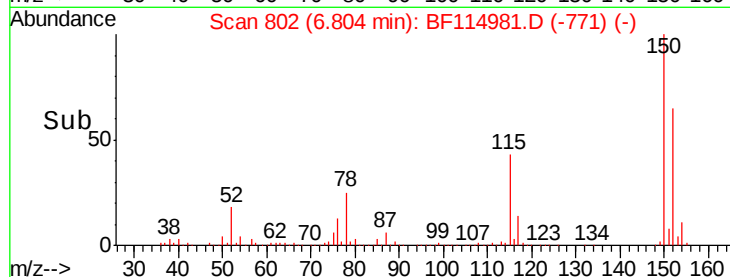
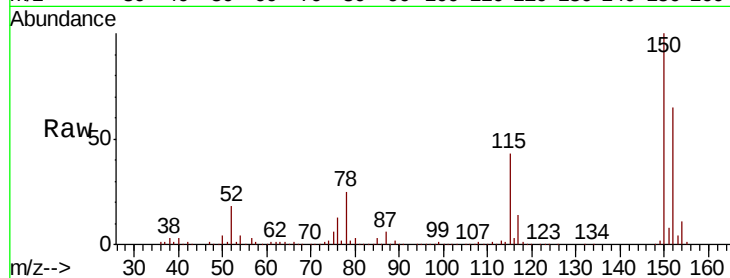
Ion Ratio Lower Upper

107 100

108 2014.9 89.3 133.9#

77 6376.1 35.4 53.2#

79 5940.3 34.9 52.3#

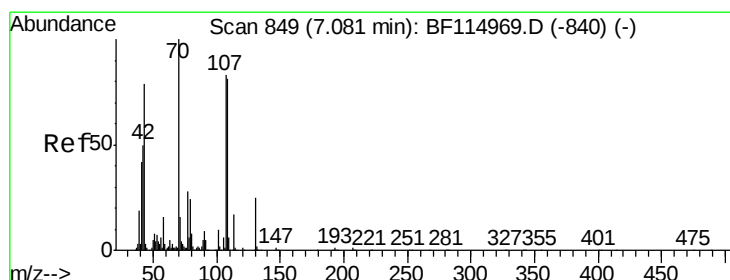
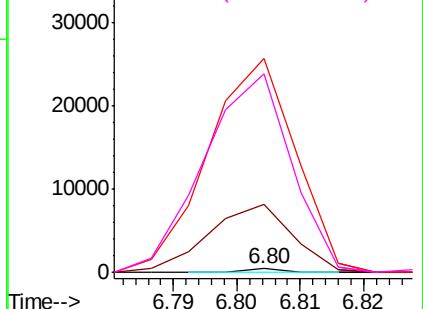


Abundance Ion 107.00 (106.70 to 107.70): E

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



#19

n-Nitroso-di-n-propylamine

Concen: 15.931 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.13 min

Lab File: BF114981.D

Acq: 12 Jun 2019 18:10

Tgt Ion: 70 Resp: 185784

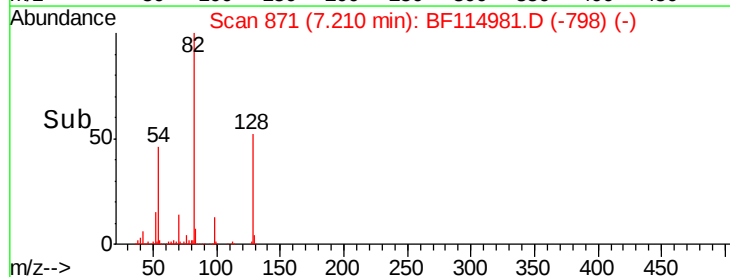
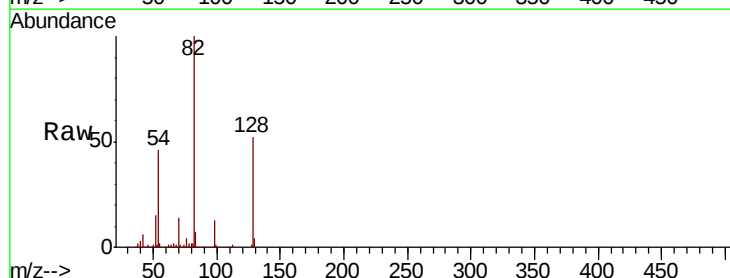
Ion Ratio Lower Upper

70 100

42 41.9 40.3 60.5

101 0.0 8.2 12.4#

130 2.4 20.3 30.5#

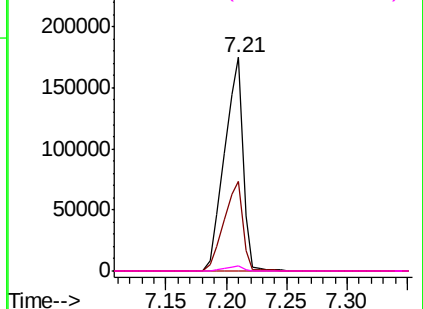


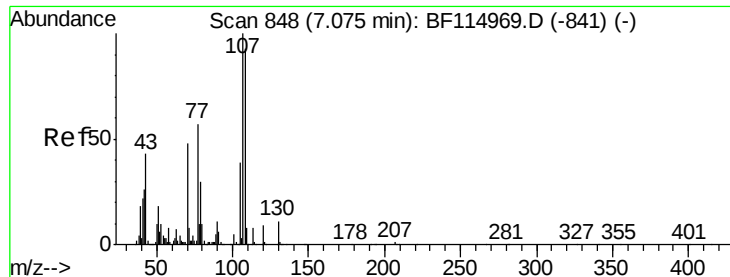
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 0.008 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.27 min

Lab File: BF114981.D

Acq: 12 Jun 2019 18:10

Instrument :

BNA_F

ClientSampleId :

PB120290BL

Tgt Ion:107 Resp: 142

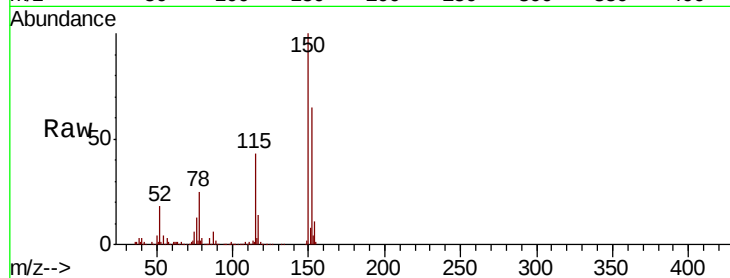
Ion Ratio Lower Upper

107 100

108 2014.9 73.1 113.1#

77 6376.1 37.3 77.3#

79 5940.3 9.6 49.6#

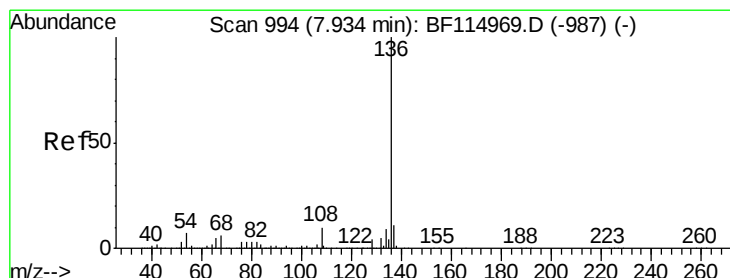
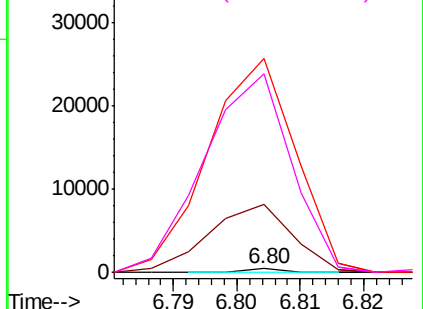
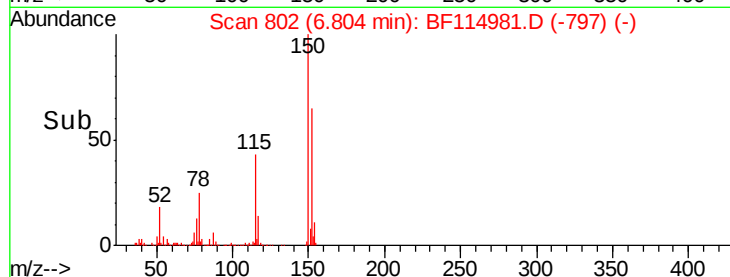


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF114981.D

Acq: 12 Jun 2019 18:10

Tgt Ion:136 Resp: 1035085

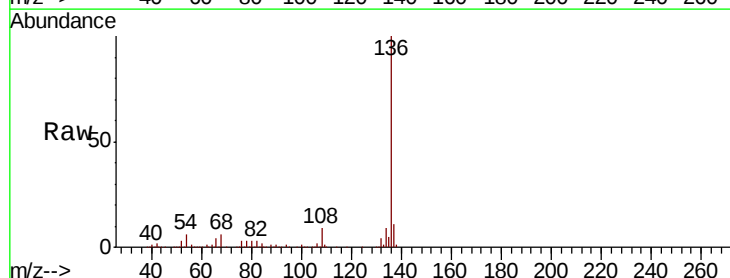
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.2 5.4 8.0

68 5.5 4.6 7.0

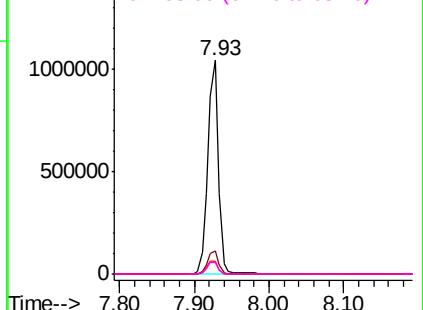
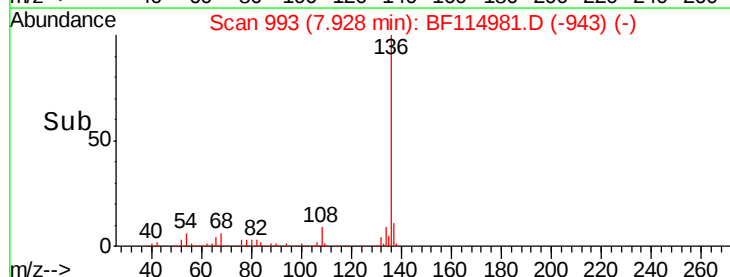


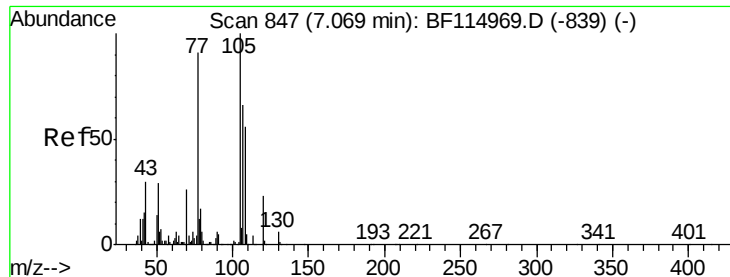
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.005 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.26 min

Lab File: BF114981.D

Acq: 12 Jun 2019 18:10

Instrument :

BNA_F

ClientSampleId :

PB120290BL

Tgt Ion:105 Resp: 110

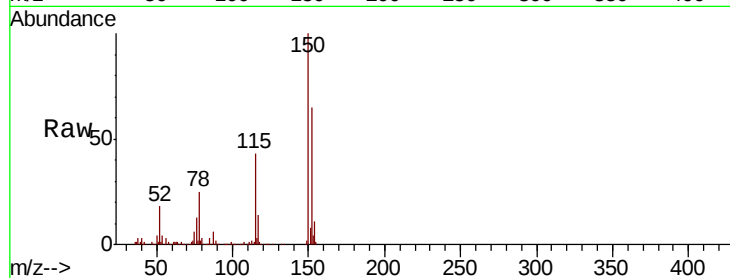
Ion Ratio Lower Upper

105 100

71 796.5 3.4 5.2#

51 2543.7 23.3 34.9#

120 430.9 18.8 28.2#

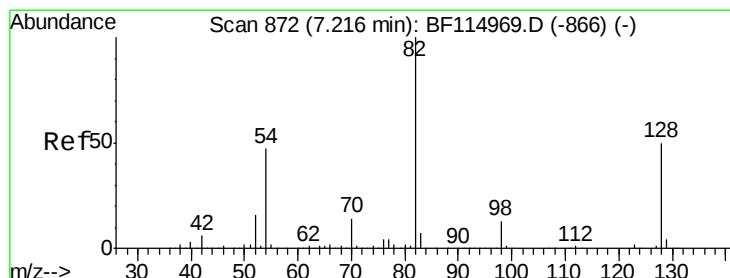
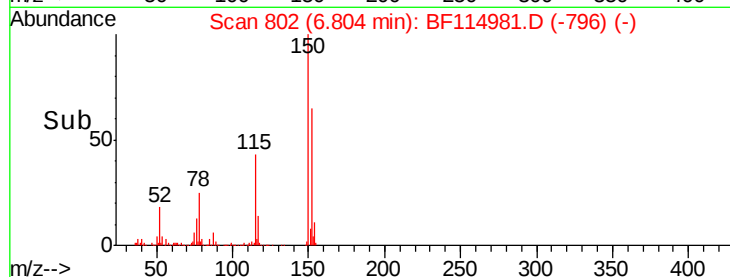
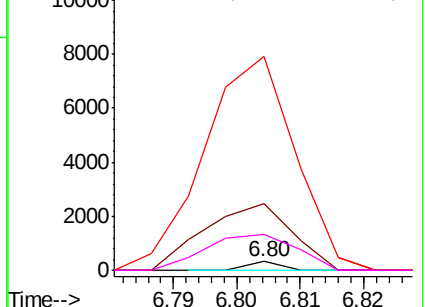


Abundance Ion 105.00 (104.70 to 105.70): E

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: 81.626 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF114981.D

Acq: 12 Jun 2019 18:10

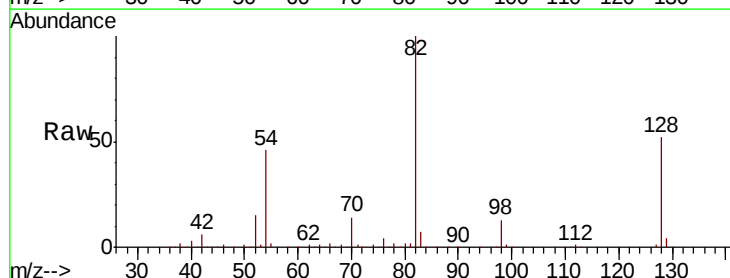
Tgt Ion: 82 Resp: 1403671

Ion Ratio Lower Upper

82 100

128 51.9 39.9 59.9

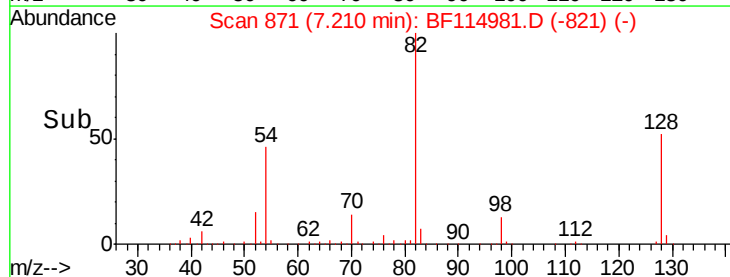
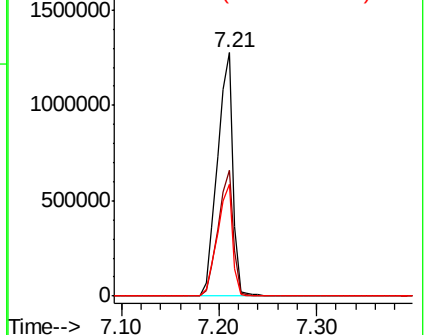
54 45.8 37.3 55.9

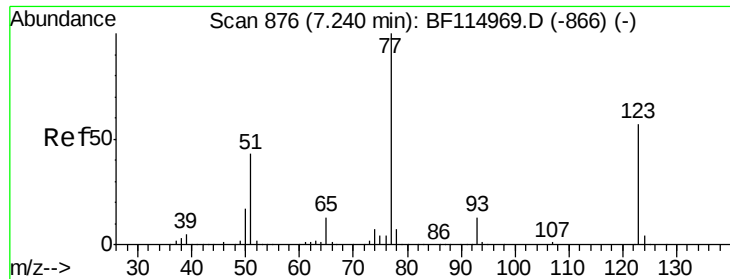


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

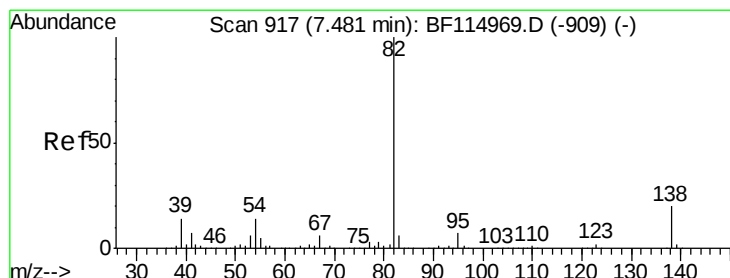
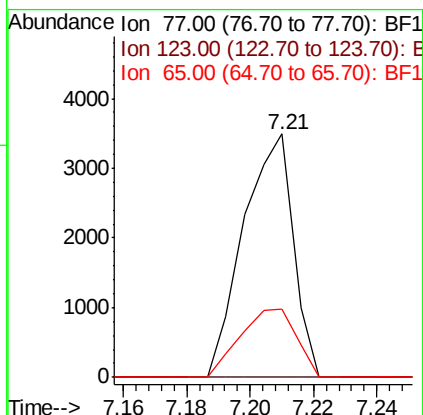
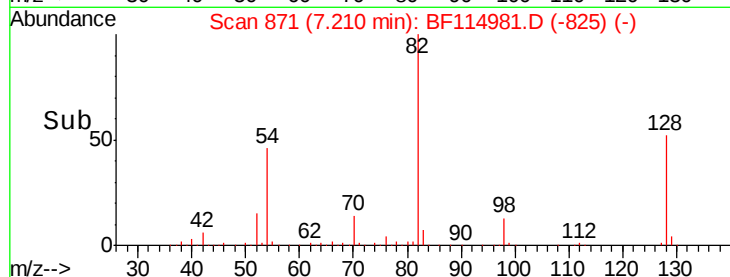
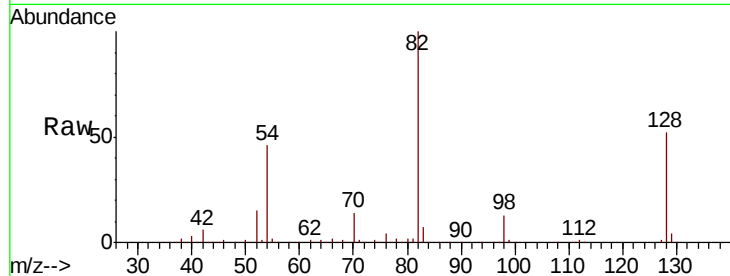




#24
Nitrobenzene
Concen: 0.217 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.03 min
Lab File: BF114981.D
Acq: 12 Jun 2019 18:10

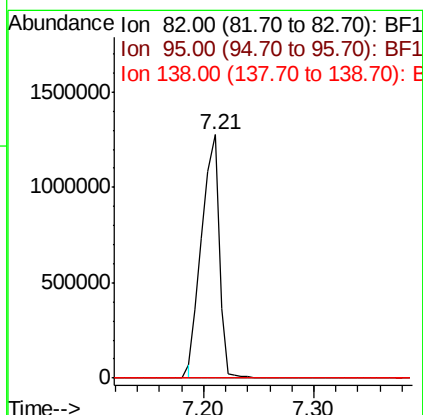
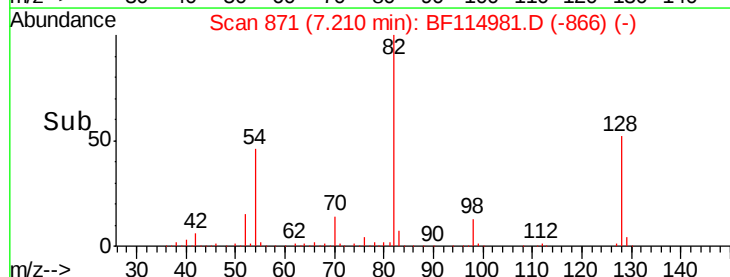
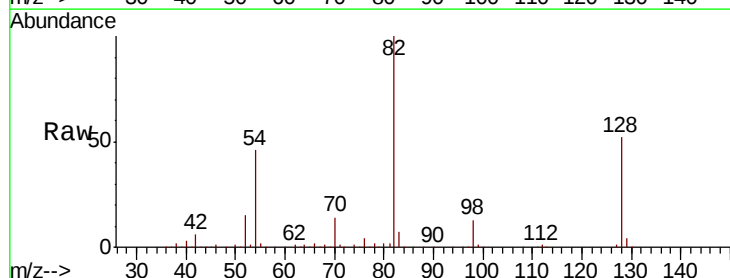
Instrument :
BNA_F
ClientSampleId :
PB120290BL

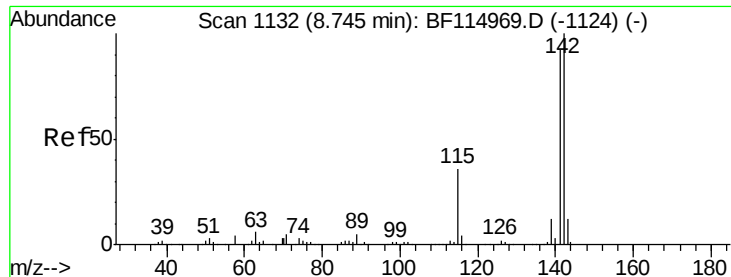
Tgt Ion: 77 Resp: 3800
Ion Ratio Lower Upper
77 100
123 0.0 45.5 68.3#
65 27.9 10.3 15.5#



#25
Isophorone
Concen: 42.469 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.27 min
Lab File: BF114981.D
Acq: 12 Jun 2019 18:10

Tgt Ion: 82 Resp: 1367823
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.1 24.1#

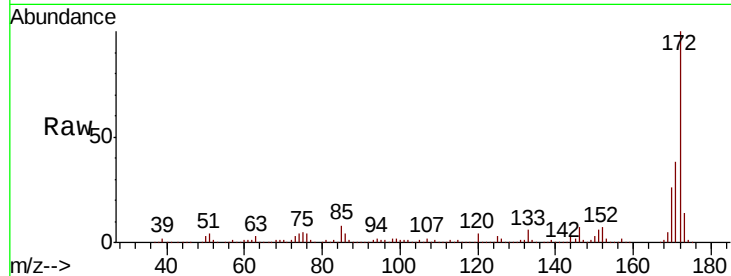




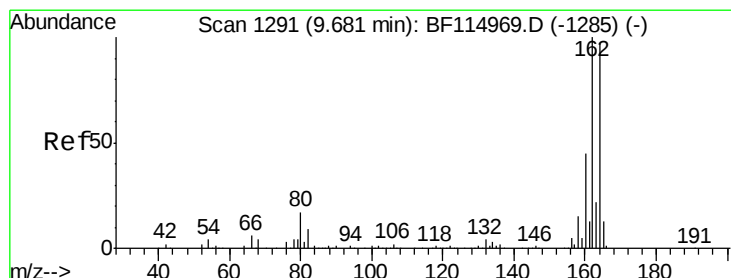
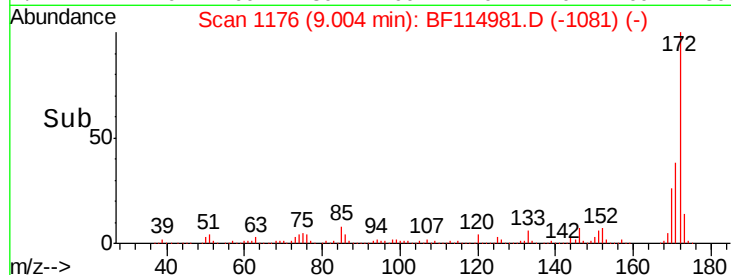
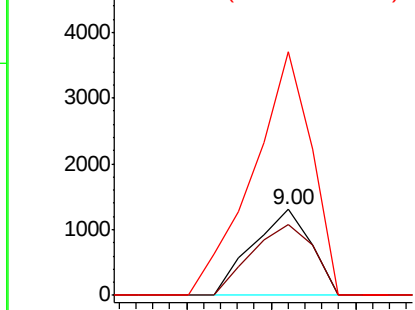
#38
1-Methylnaphthalene
Concen: 0.041 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.26 min
Lab File: BF114981.D
Acq: 12 Jun 2019 18:10

Instrument :
BNA_F
ClientSampleId :
PB120290BL

Tgt Ion:142 Resp: 1253
Ion Ratio Lower Upper
142 100
141 82.1 73.8 110.8
116 283.0 2.9 4.3#

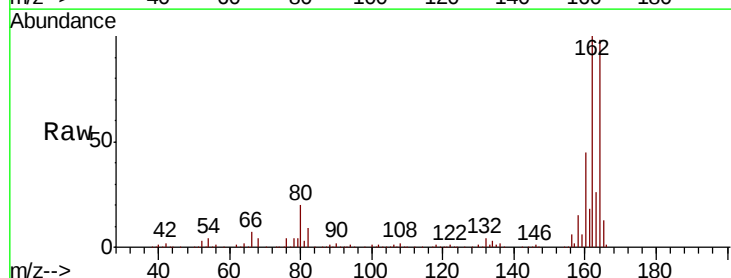


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

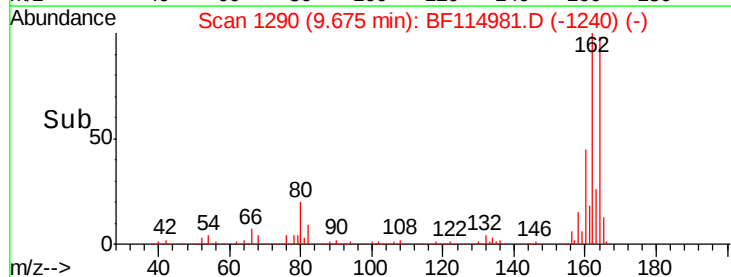
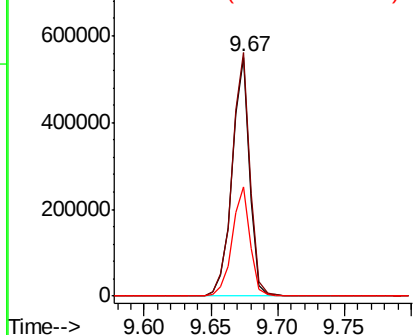


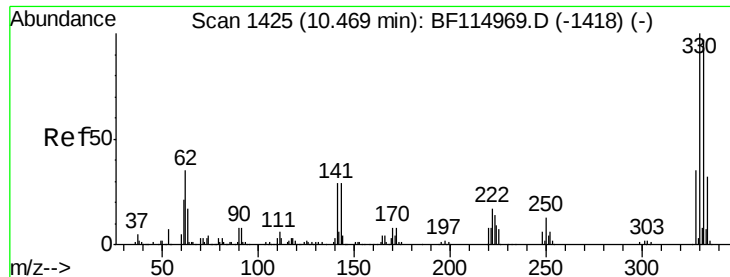
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF114981.D
Acq: 12 Jun 2019 18:10

Tgt Ion:164 Resp: 509215
Ion Ratio Lower Upper
164 100
162 101.9 82.6 124.0
160 45.8 36.9 55.3



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

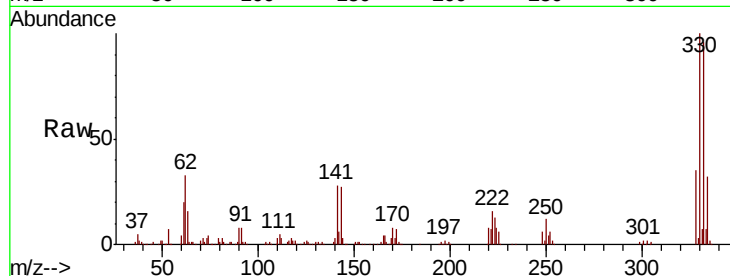




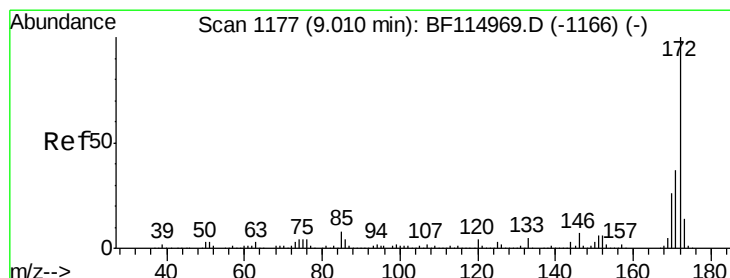
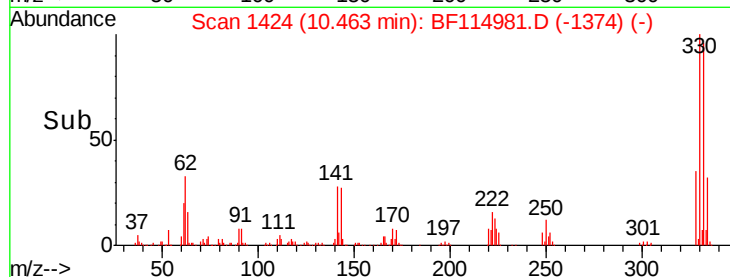
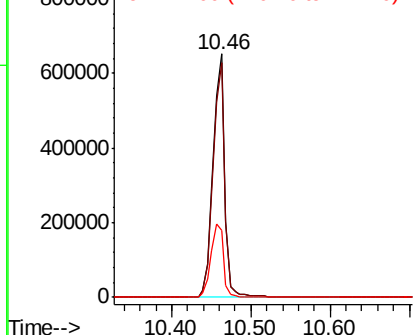
#42
 2,4,6-Tribromophenol
 Concen: 122.764 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF114981.D
 Acq: 12 Jun 2019 18:10

Instrument :
 BNA_F
 ClientSampleId :
 PB120290BL

Tgt Ion:330 Resp: 669428
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.6 116.4
 141 32.8 27.2 40.8

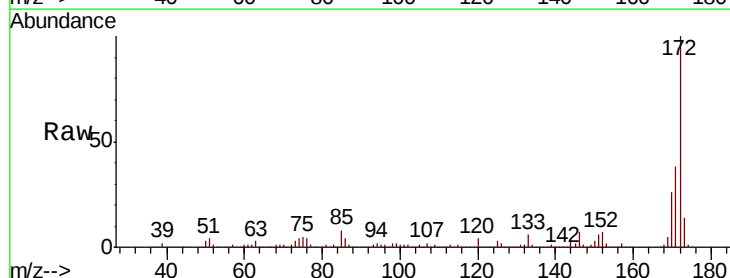


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

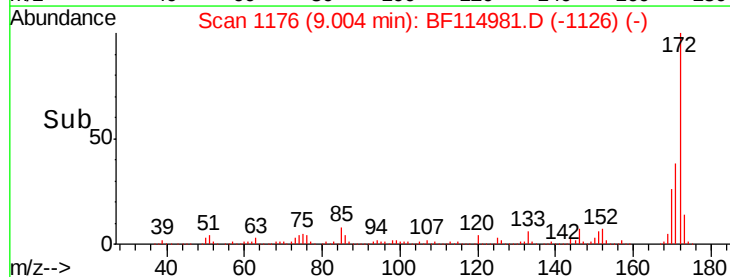
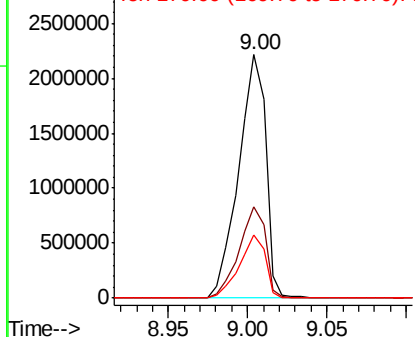


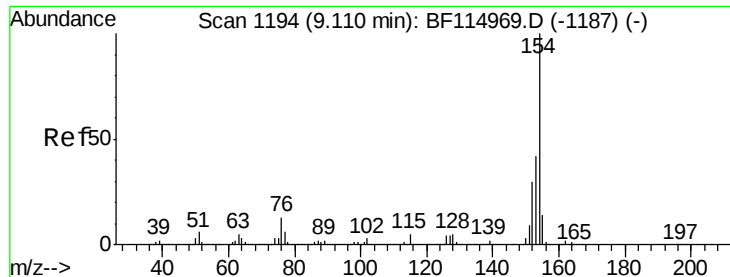
#45
 2-Fluorobiphenyl
 Concen: 87.597 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF114981.D
 Acq: 12 Jun 2019 18:10

Tgt Ion:172 Resp: 2631856
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.8 44.6
 170 25.7 20.6 31.0



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

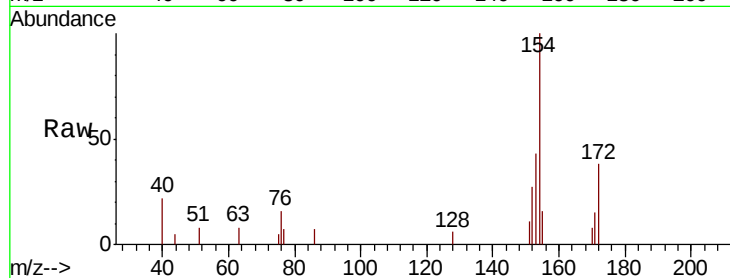




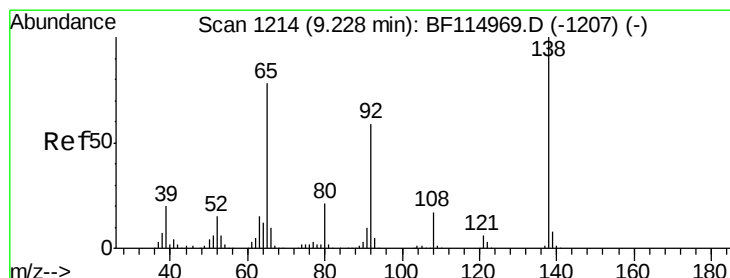
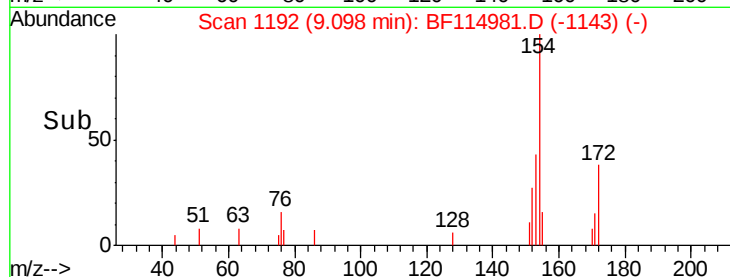
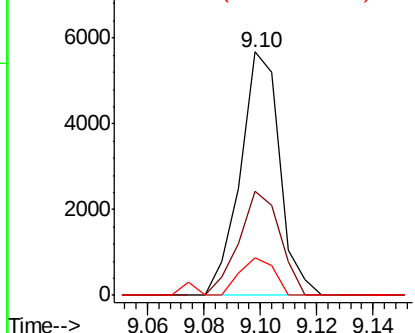
#46
 1,1'-Biphenyl
 Concen: 0.135 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF114981.D
 Acq: 12 Jun 2019 18:10

Instrument :
 BNA_F
 ClientSampleId :
 PB120290BL

Tgt Ion: 154 Resp: 5495
 Ion Ratio Lower Upper
 154 100
 153 43.0 22.4 62.4
 76 15.5 0.0 33.3

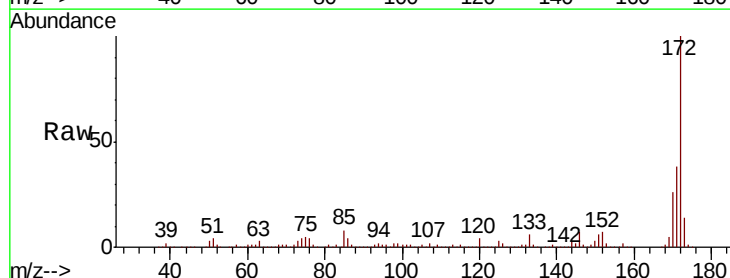


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

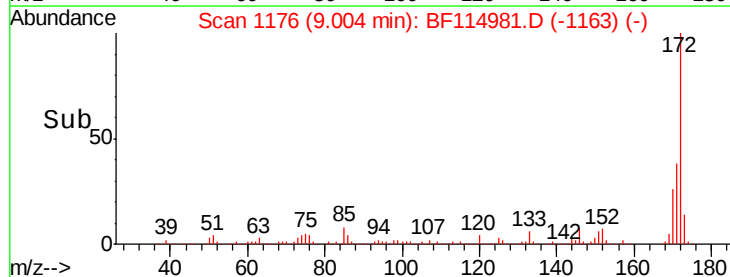
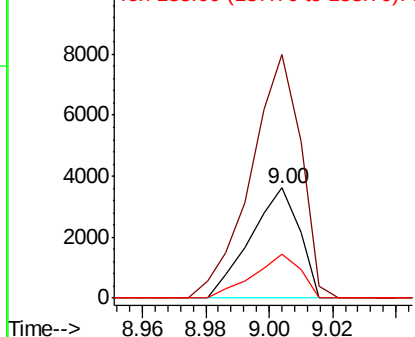


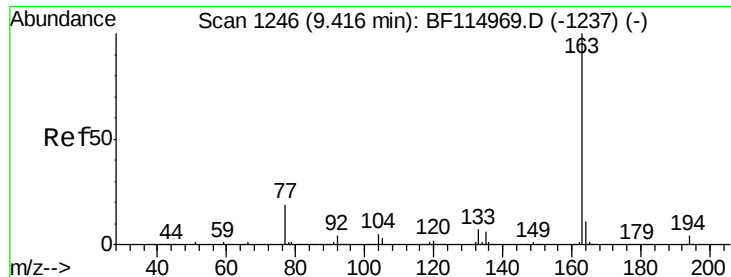
#48
 2-Nitroaniline
 Concen: 0.397 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.22 min
 Lab File: BF114981.D
 Acq: 12 Jun 2019 18:10

Tgt Ion: 65 Resp: 3876
 Ion Ratio Lower Upper
 65 100
 92 221.4 60.5 90.7#
 138 40.4 102.0 153.0#



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

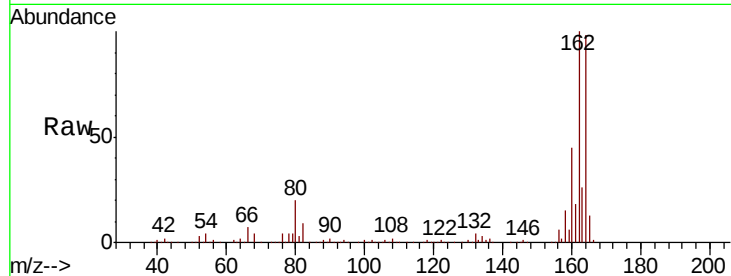




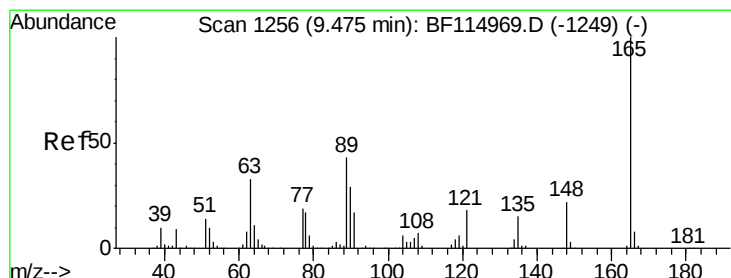
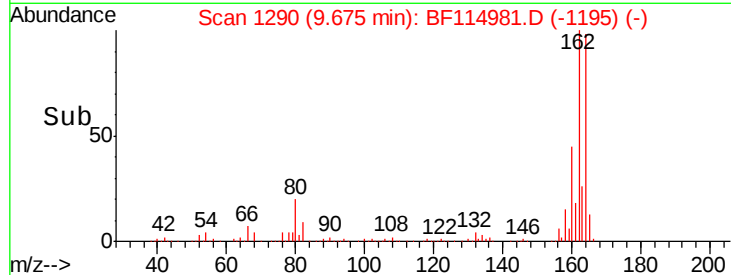
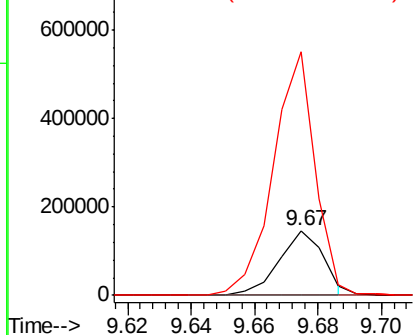
#50
Dimethylphthalate
Concen: 3.732 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.26 min
Lab File: BF114981.D
Acq: 12 Jun 2019 18:10

Instrument :
BNA_F
ClientSampleId :
PB120290BL

Tgt Ion:163 Resp: 142921
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 378.0 8.6 12.8#

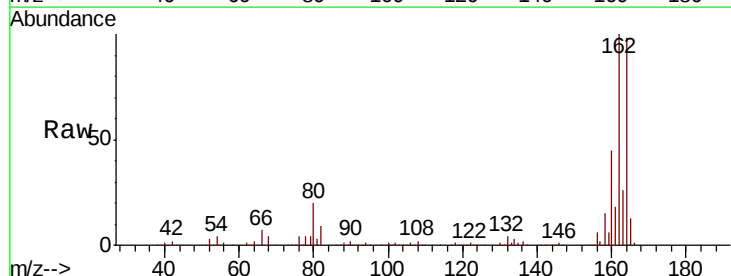


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

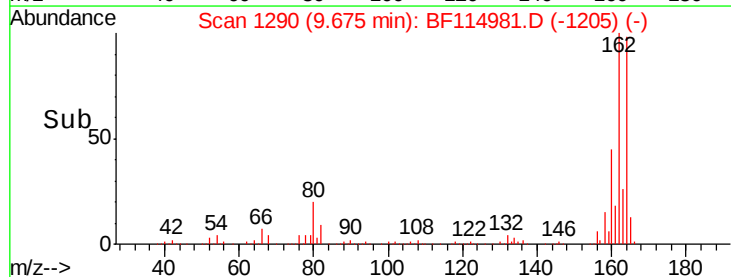
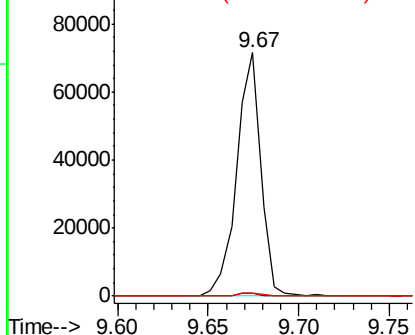


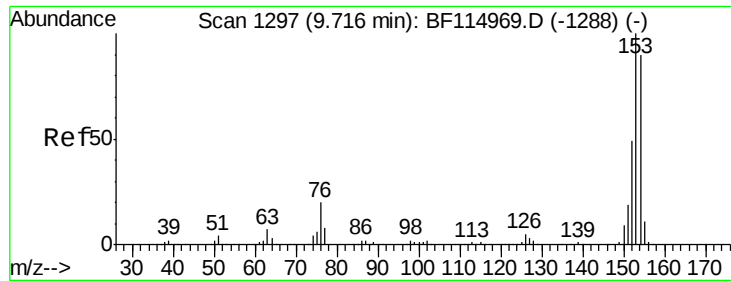
#51
2,6-Dinitrotoluene
Concen: 7.618 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.20 min
Lab File: BF114981.D
Acq: 12 Jun 2019 18:10

Tgt Ion:165 Resp: 66178
Ion Ratio Lower Upper
165 100
63 1.1 30.6 46.0#
89 1.2 34.4 51.6#



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





#52

Acenaphthene

Concen: 0.059 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.04 min

Lab File: BF114981.D

Acq: 12 Jun 2019 18:10

Instrument :

BNA_F

ClientSampleId :

PB120290BL

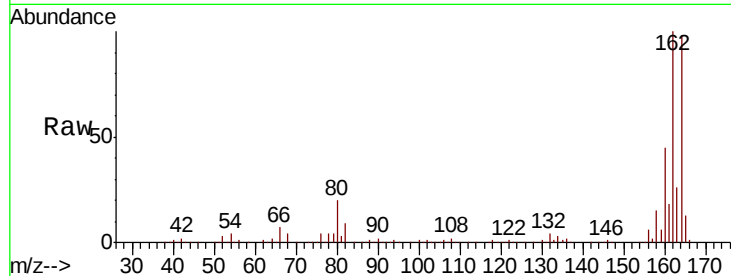
Tgt Ion:154 Resp: 1717

Ion Ratio Lower Upper

154 100

153 0.0 88.5 132.7#

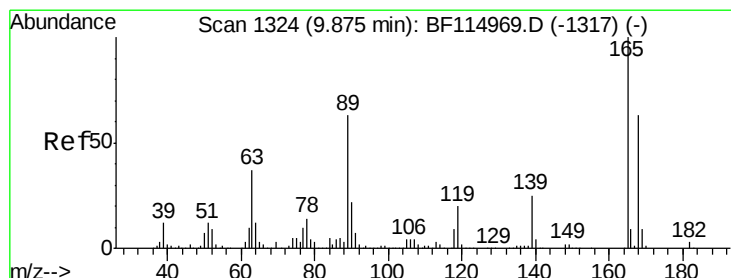
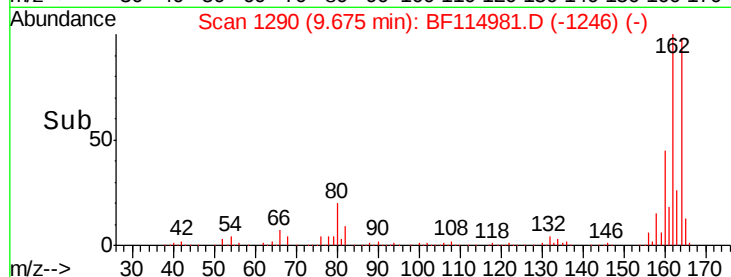
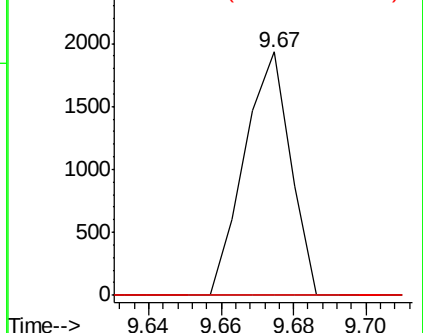
152 0.0 43.6 65.4#



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: 5.985 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.20 min

Lab File: BF114981.D

Acq: 12 Jun 2019 18:10

Tgt Ion:165 Resp: 66178

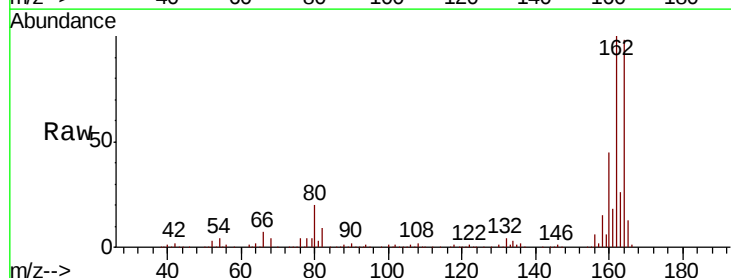
Ion Ratio Lower Upper

165 100

63 1.1 29.4 44.2#

89 1.2 50.6 75.8#

182 0.0 2.2 3.2#

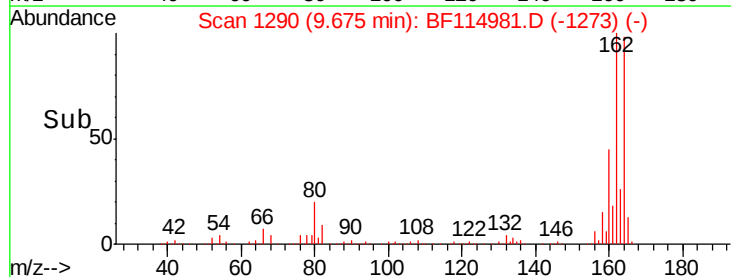
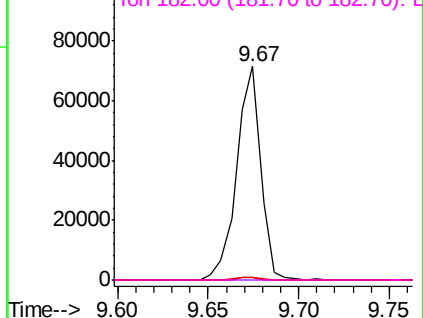


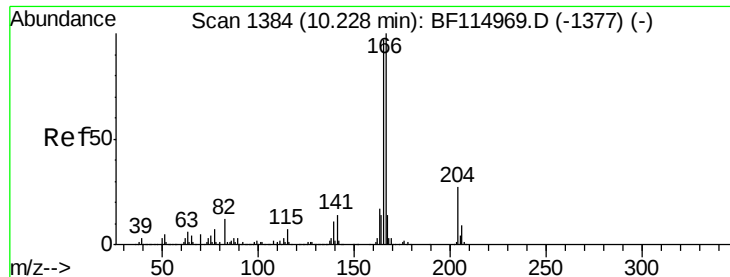
Abundance Ion 165.00 (164.70 to 165.70): E

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: Below Cal

RT: 10.46 min Scan# 1424

Delta R.T. 0.24 min

Lab File: BF114981.D

Acq: 12 Jun 2019 18:10

Instrument :

BNA_F

ClientSampleId :

PB120290BL

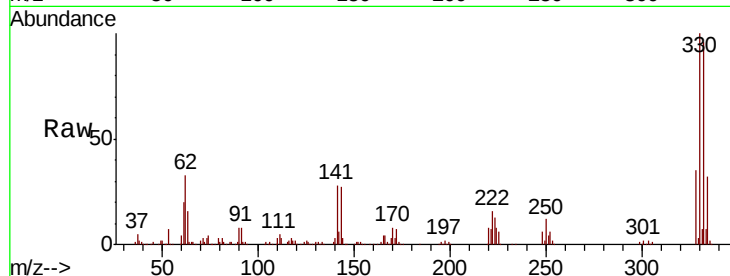
Tgt Ion: 166 Resp: 30882

Ion Ratio Lower Upper

166 100

165 96.1 77.6 116.4

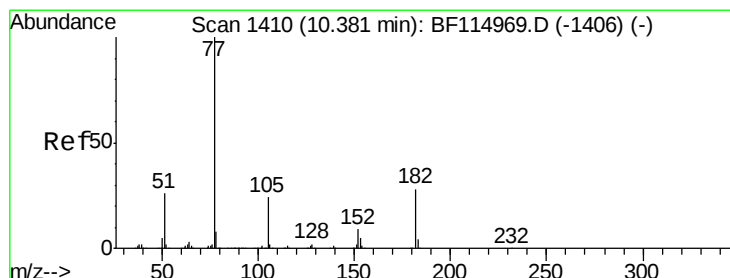
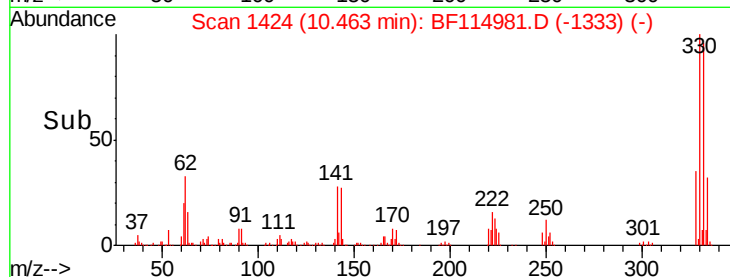
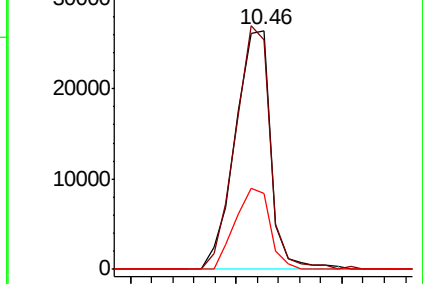
167 31.6 11.0 16.4#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Azobenzene

Concen: 0.089 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.08 min

Lab File: BF114981.D

Acq: 12 Jun 2019 18:10

Tgt Ion: 77 Resp: 2864

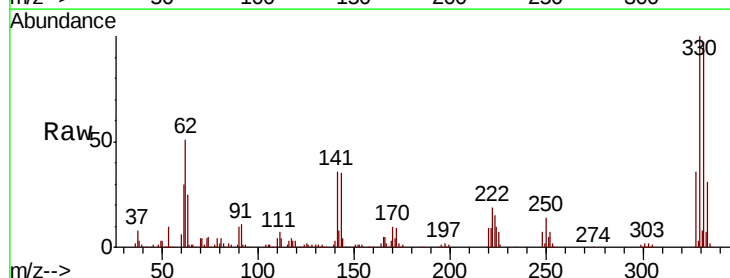
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 98.4 4.2 44.2#

51 71.0 6.2 46.2#

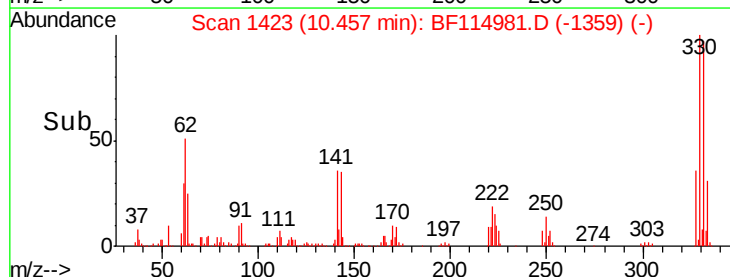
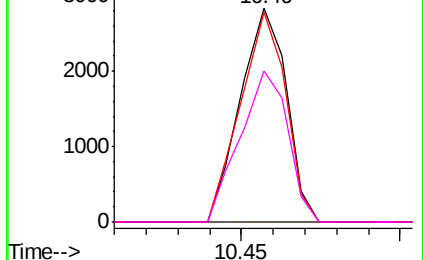


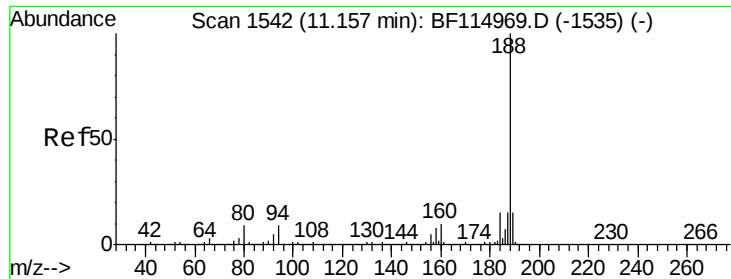
Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.15 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF114981.D

Acq: 12 Jun 2019 18:10

Instrument :

BNA_F

ClientSampleId :

PB120290BL

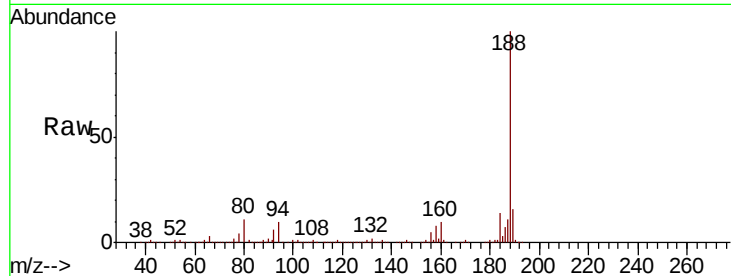
Tgt Ion:188 Resp: 1030334

Ion Ratio Lower Upper

188 100

94 10.5 7.2 10.8

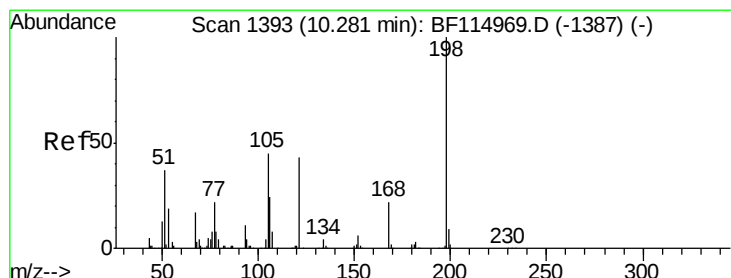
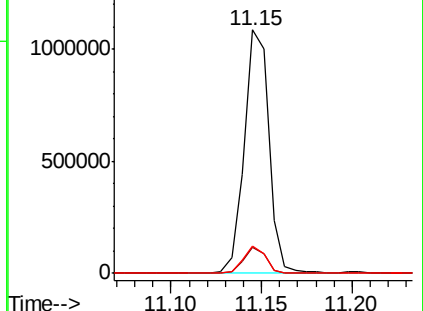
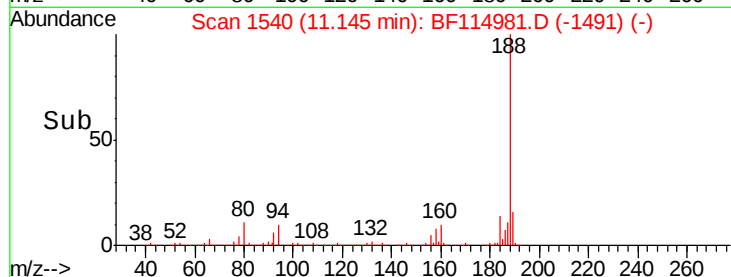
80 11.0 7.4 11.2



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: 0.228 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.18 min

Lab File: BF114981.D

Acq: 12 Jun 2019 18:10

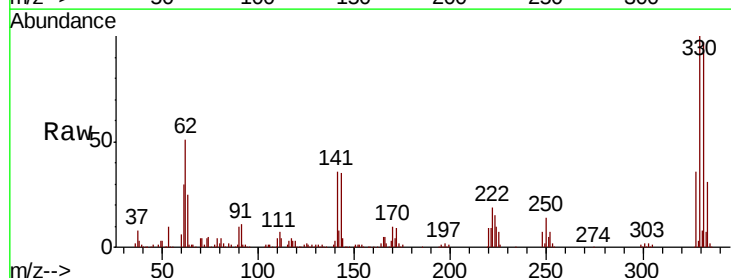
Tgt Ion:198 Resp: 1317

Ion Ratio Lower Upper

198 100

51 147.0 23.0 63.0#

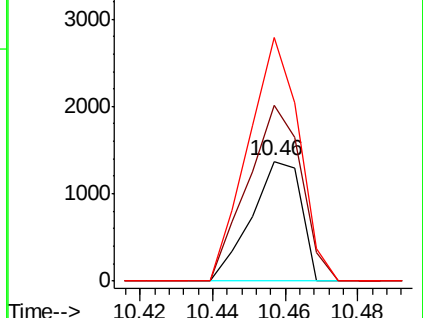
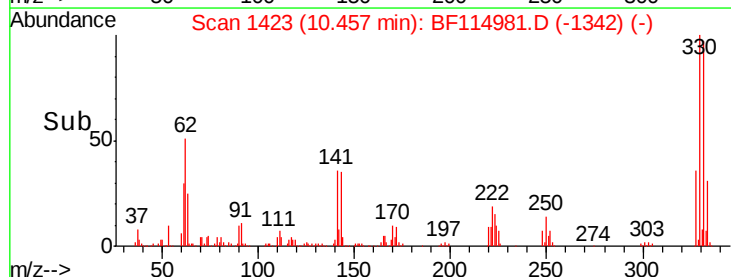
105 203.7 26.5 66.5#

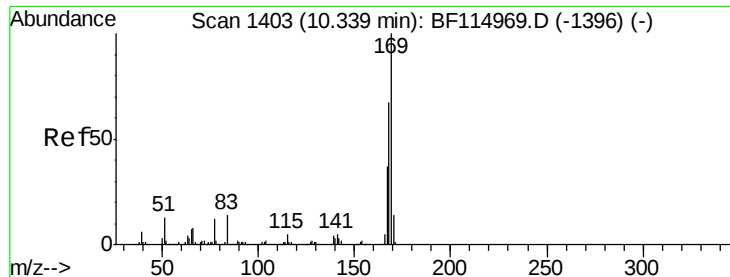


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

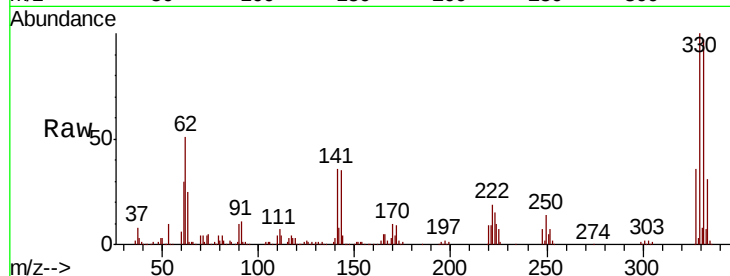




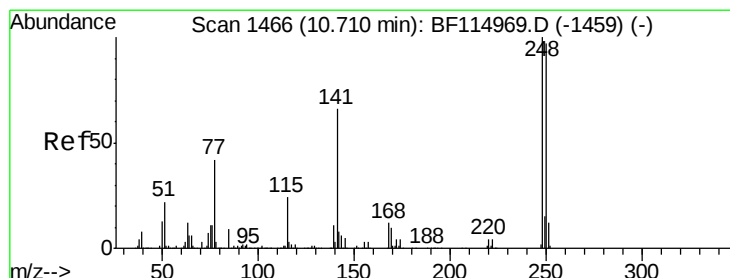
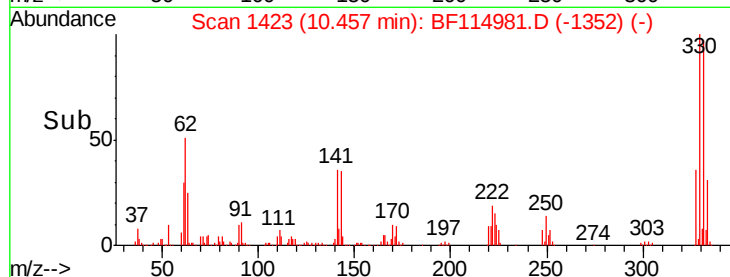
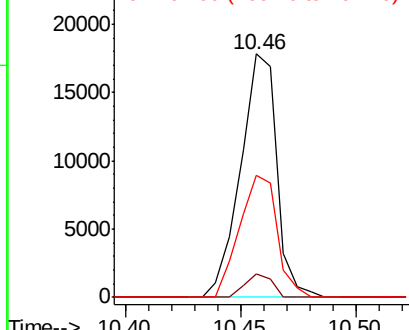
#66
 n-Nitrosodiphenylamine
 Concen: 0.636 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.12 min
 Lab File: BF114981.D
 Acq: 12 Jun 2019 18:10

Instrument :
 BNA_F
 ClientSampleId :
 PB120290BL

Tgt Ion:169 Resp: 19602
 Ion Ratio Lower Upper
 169 100
 168 9.5 53.6 80.4#
 167 50.1 29.6 44.4#

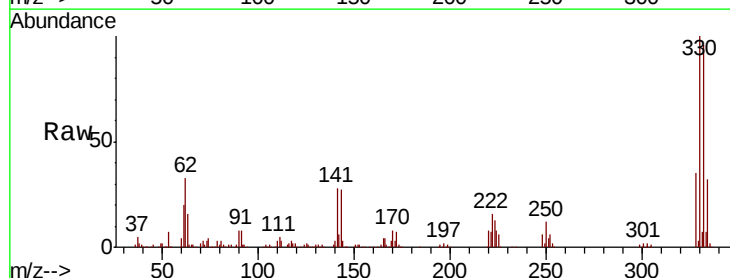


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

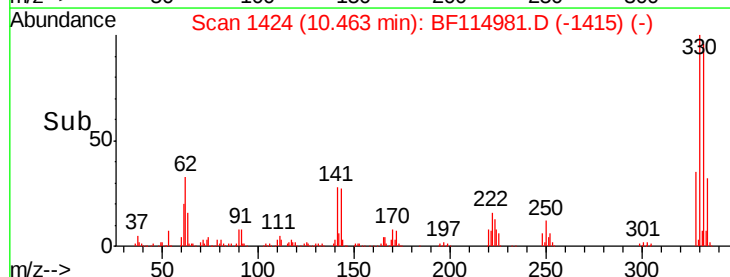
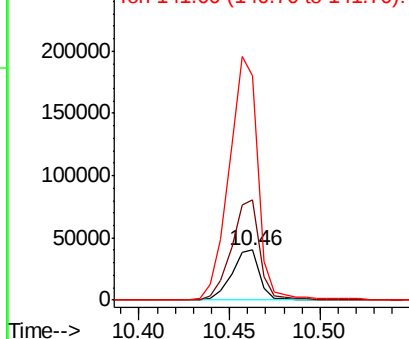


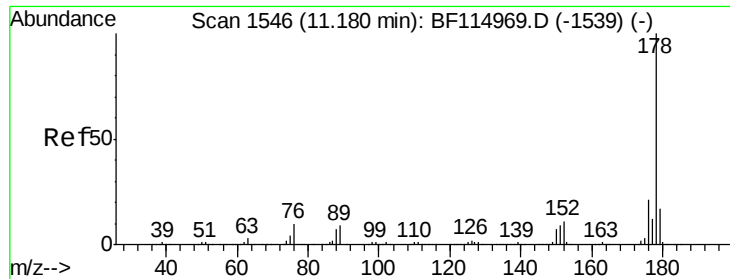
#67
 4-Bromophenyl-phenylether
 Concen: 3.881 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.25 min
 Lab File: BF114981.D
 Acq: 12 Jun 2019 18:10

Tgt Ion:248 Resp: 42932
 Ion Ratio Lower Upper
 248 100
 250 199.5 77.8 116.8#
 141 448.8 53.1 79.7#



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: 0.010 ng

RT: 11.17 min Scan# 1544

Delta R.T. -0.01 min

Lab File: BF114981.D

Acq: 12 Jun 2019 18:10

Instrument :

BNA_F

ClientSampleId :

PB120290BL

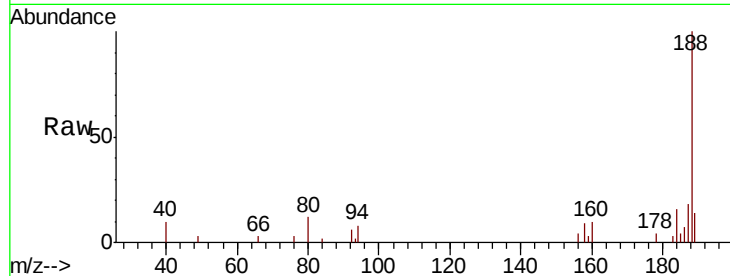
Tgt Ion:178 Resp: 530

Ion Ratio Lower Upper

178 100

176 0.0 16.9 25.3#

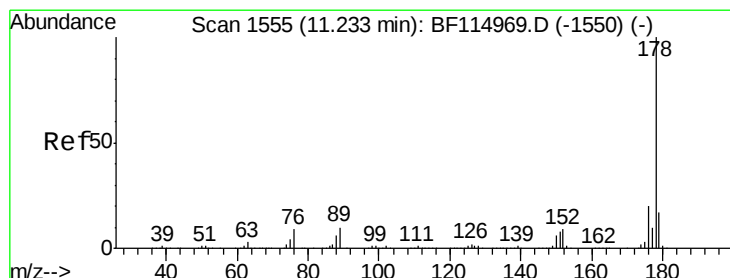
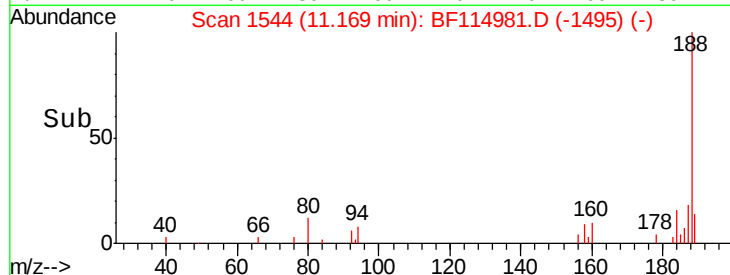
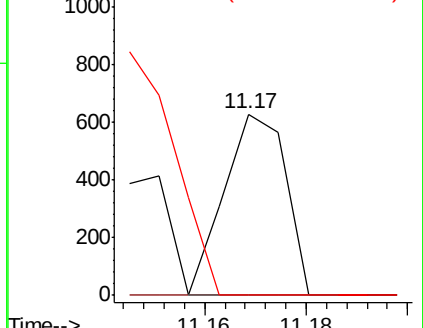
179 0.0 13.4 20.0#



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: 0.010 ng

RT: 11.17 min Scan# 1544

Delta R.T. -0.06 min

Lab File: BF114981.D

Acq: 12 Jun 2019 18:10

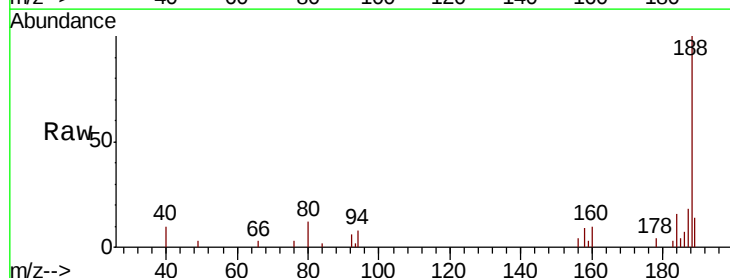
Tgt Ion:178 Resp: 530

Ion Ratio Lower Upper

178 100

176 0.0 16.2 24.4#

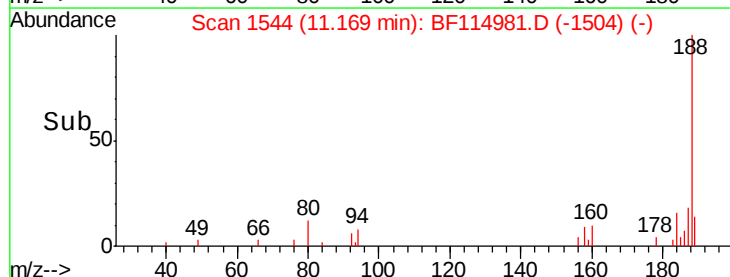
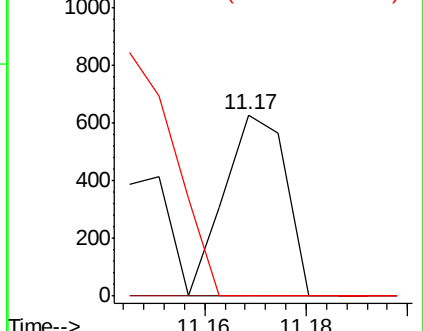
179 0.0 13.2 19.8#

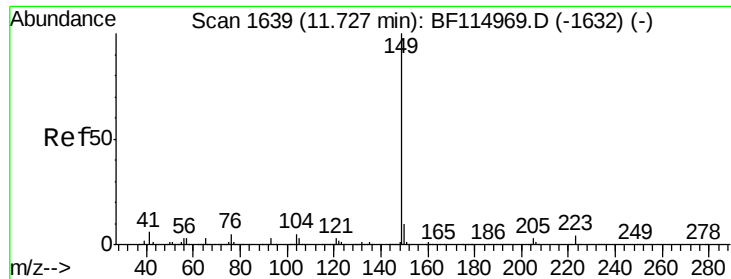


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Di-n-butylphthalate

Concen: 0.010 ng

RT: 11.72 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BF114981.D

Acq: 12 Jun 2019 18:10

Instrument :

BNA_F

ClientSampleId :

PB120290BL

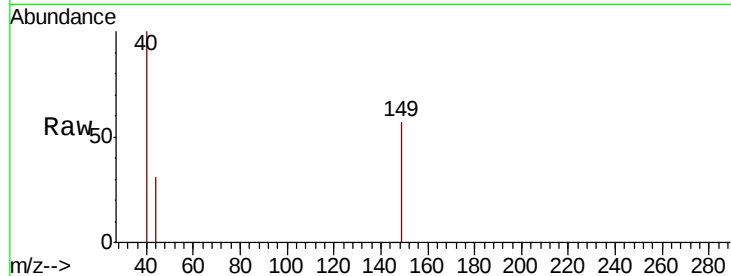
Tgt Ion:149 Resp: 593

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

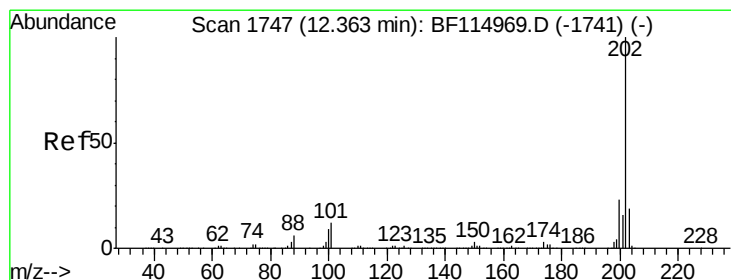
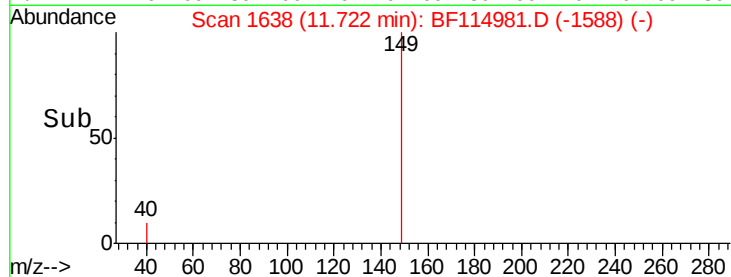
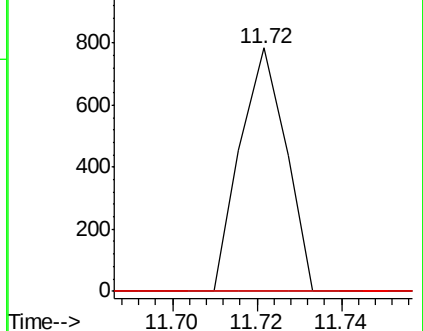
104 0.0 4.0 6.0#



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: 0.006 ng

RT: 12.35 min Scan# 1745

Delta R.T. -0.01 min

Lab File: BF114981.D

Acq: 12 Jun 2019 18:10

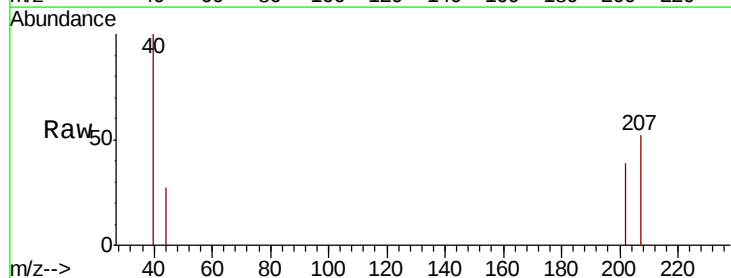
Tgt Ion:202 Resp: 313

Ion Ratio Lower Upper

202 100

101 0.0 0.0 32.4

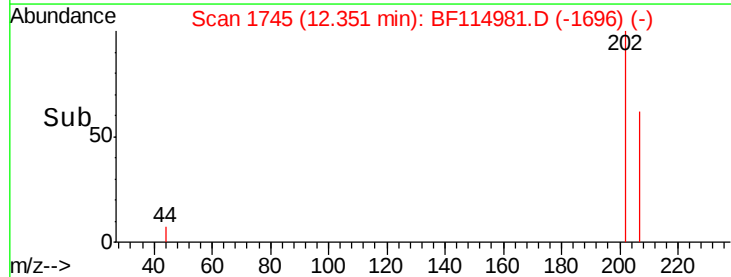
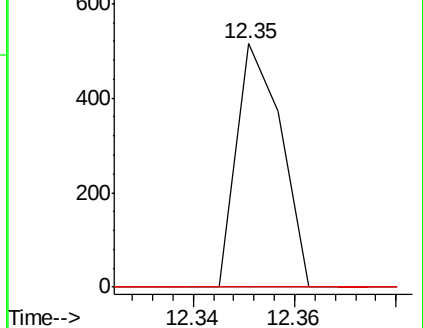
203 0.0 0.0 38.6

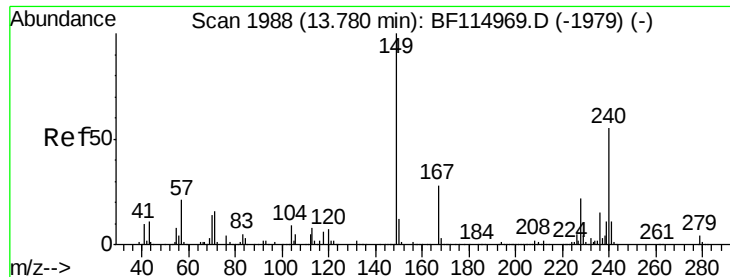


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF114981.D

Acq: 12 Jun 2019 18:10

Instrument :

BNA_F

ClientSampleId :

PB120290BL

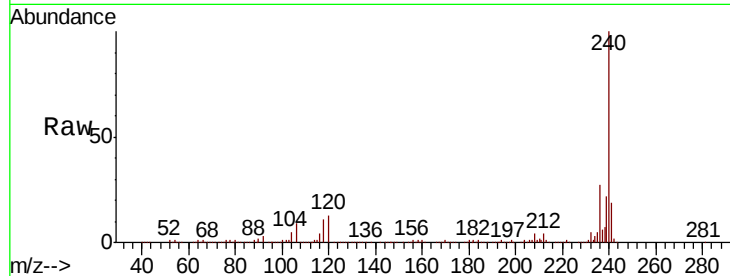
Tgt Ion:240 Resp: 804222

Ion Ratio Lower Upper

240 100

120 12.7 10.0 15.0

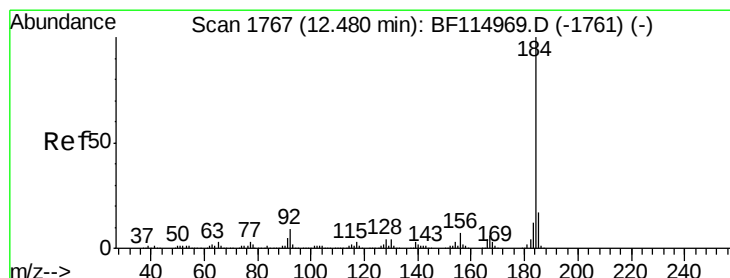
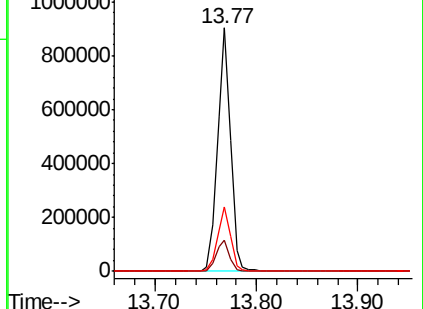
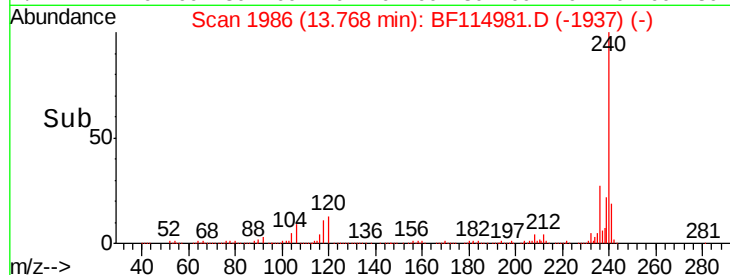
236 26.6 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 1.226 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.25 min

Lab File: BF114981.D

Acq: 12 Jun 2019 18:10

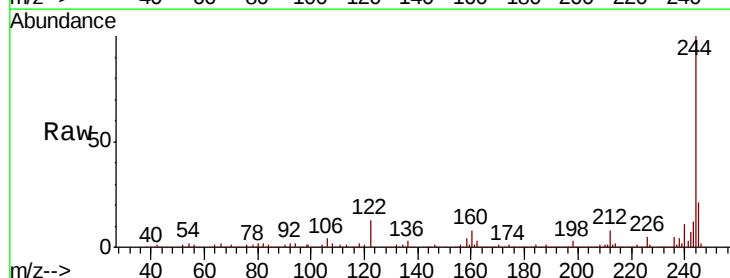
Tgt Ion:184 Resp: 39883

Ion Ratio Lower Upper

184 100

185 15.6 13.4 20.0

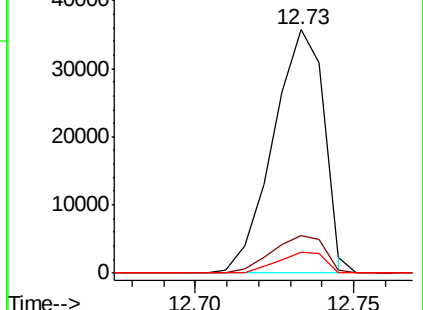
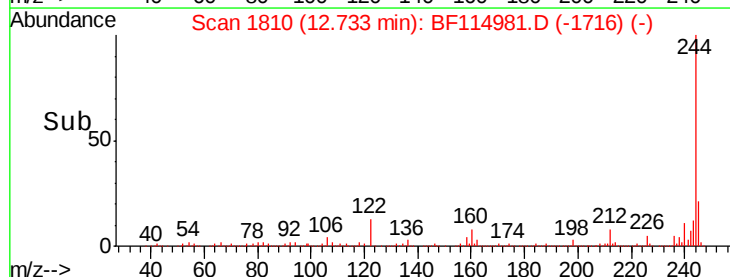
183 8.3 9.8 14.6#

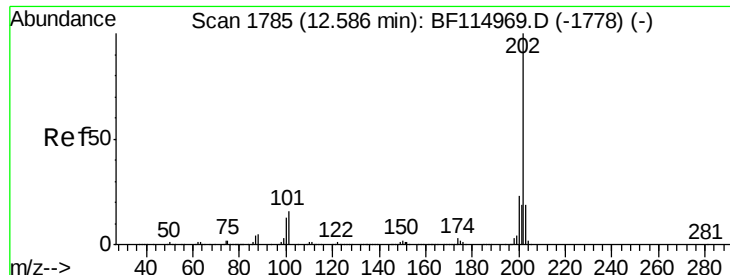


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pyrene

Concen: 0.006 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF114981.D

Acq: 12 Jun 2019 18:10

Instrument :

BNA_F

ClientSampleId :

PB120290BL

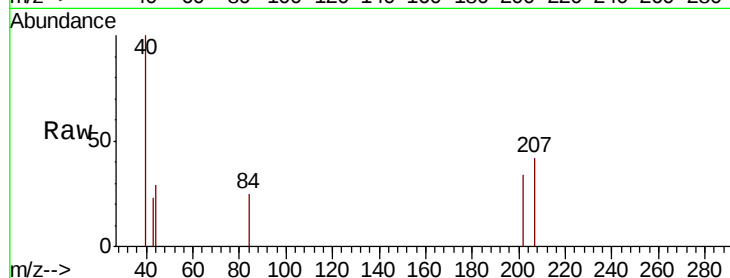
Tgt Ion:202 Resp: 468

Ion Ratio Lower Upper

202 100

200 0.0 18.4 27.6#

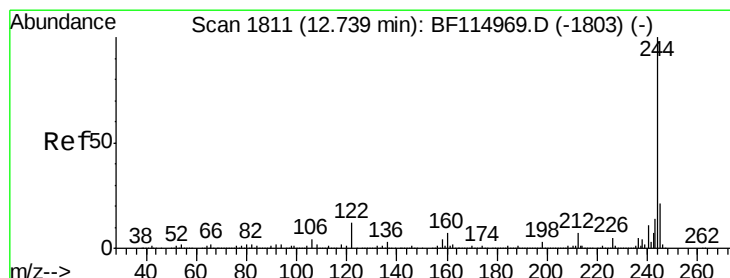
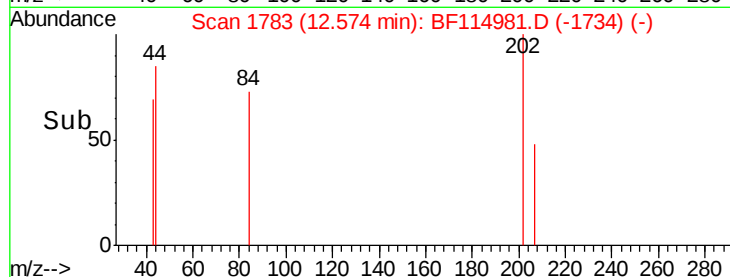
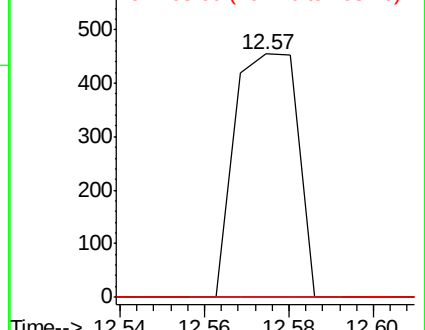
203 0.0 14.9 22.3#



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: 68.373 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF114981.D

Acq: 12 Jun 2019 18:10

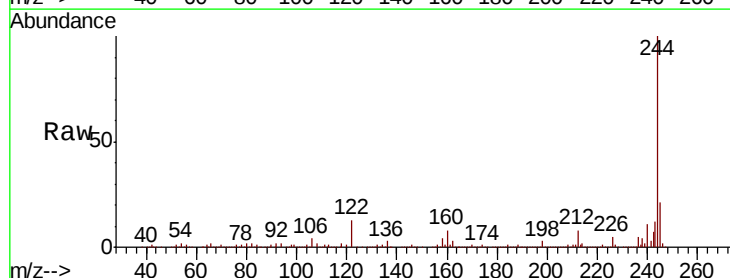
Tgt Ion:244 Resp: 2923511

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

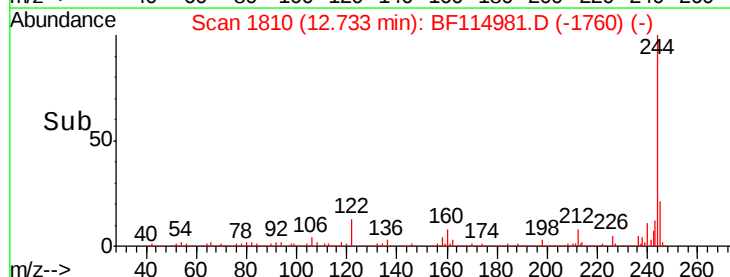
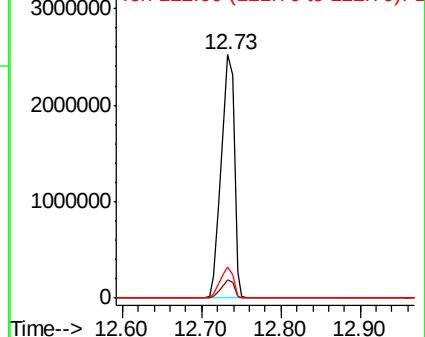
122 12.8 9.4 14.0

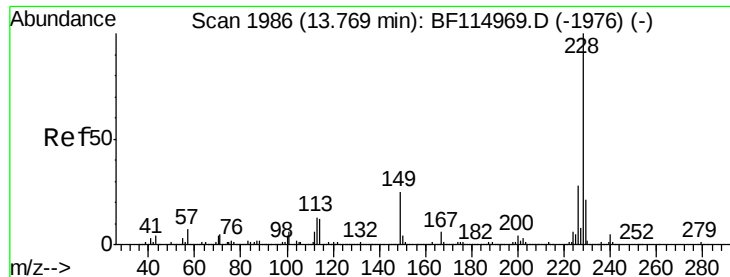


Abundance Ion 244.00 (243.70 to 244.70): E

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: 13.77 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BF114981.D

Acq: 12 Jun 2019 18:10

Instrument :

BNA_F

ClientSampleId :

PB120290BL

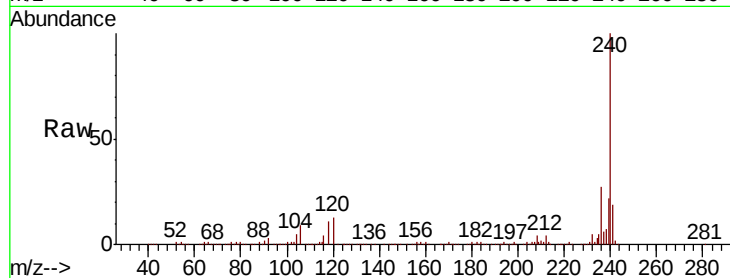
Tgt Ion:228 Resp: 2528

Ion Ratio Lower Upper

228 100

226 0.0 22.0 33.0#

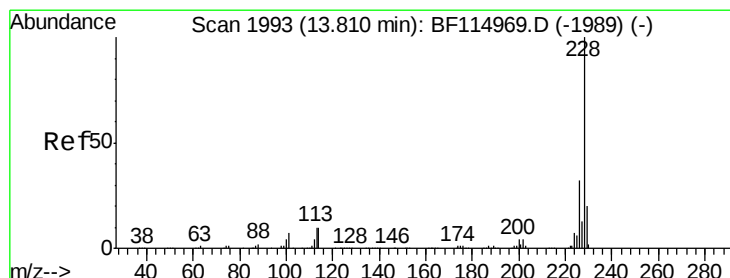
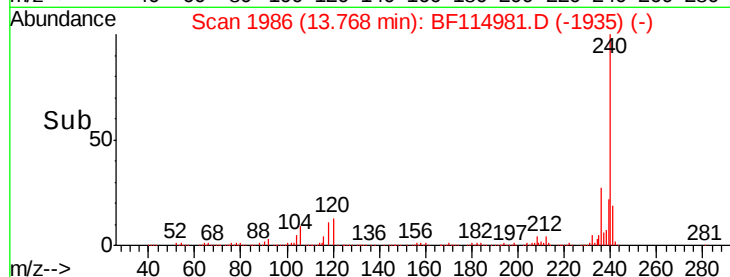
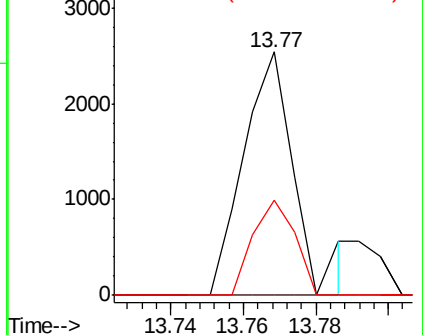
229 39.3 16.6 25.0#



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: 0.042 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.04 min

Lab File: BF114981.D

Acq: 12 Jun 2019 18:10

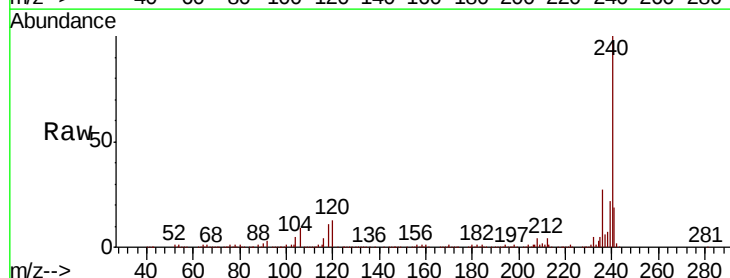
Tgt Ion:228 Resp: 2528

Ion Ratio Lower Upper

228 100

226 0.0 25.4 38.0#

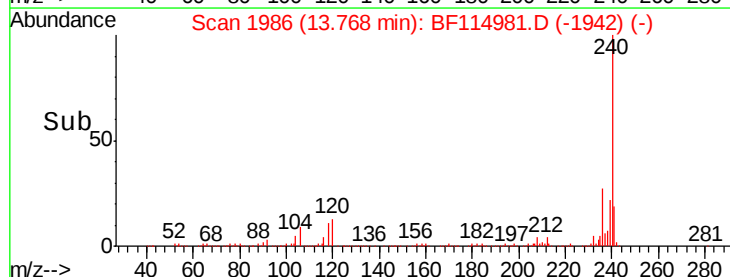
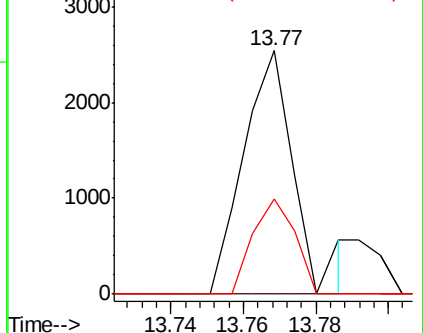
229 39.3 16.4 24.6#

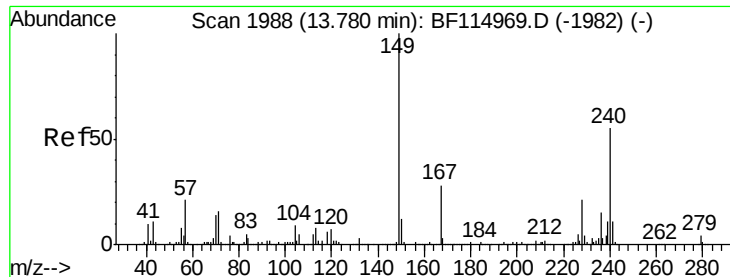


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

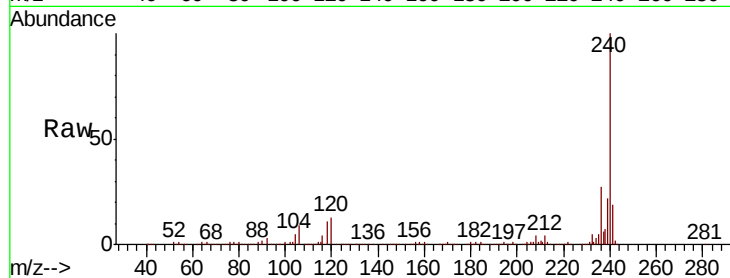




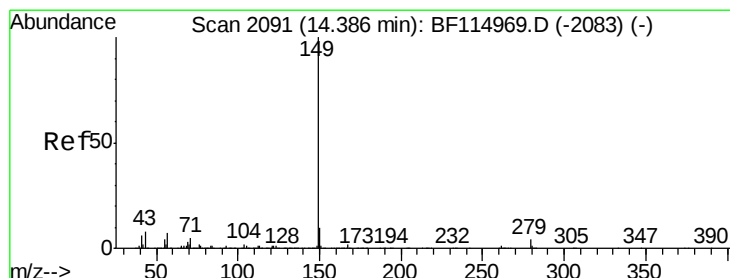
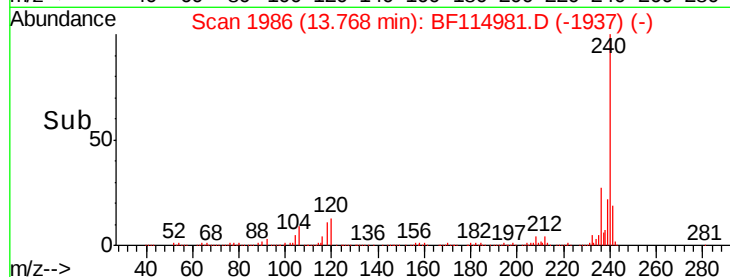
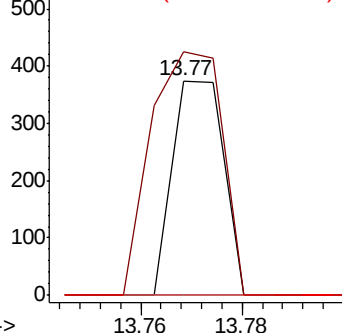
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.007 ng
 RT: 13.77 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BF114981.D
 Acq: 12 Jun 2019 18:10

Instrument :
 BNA_F
 ClientSampleId :
 PB120290BL

Tgt Ion:149 Resp: 263
 Ion Ratio Lower Upper
 149 100
 167 113.6 22.2 33.4#
 279 0.0 3.4 5.0#

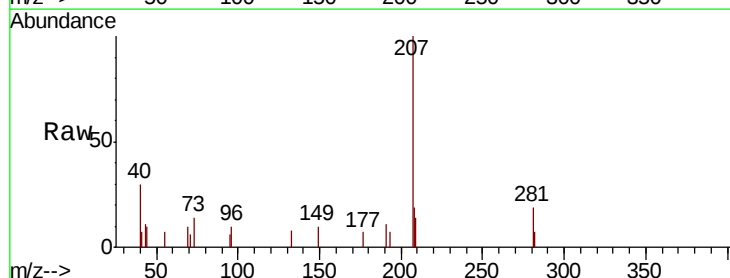


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

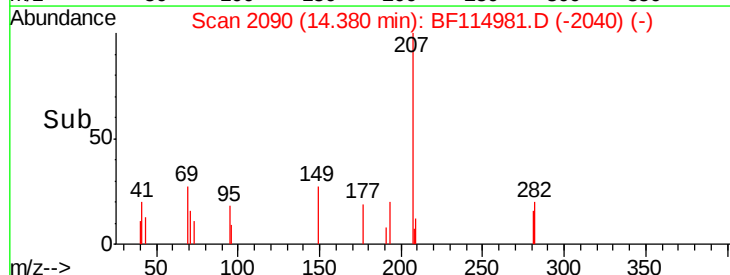
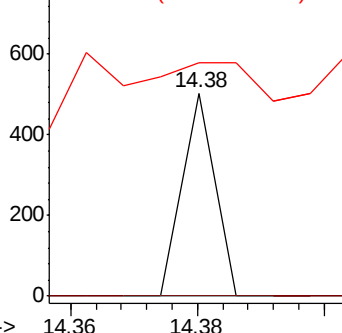


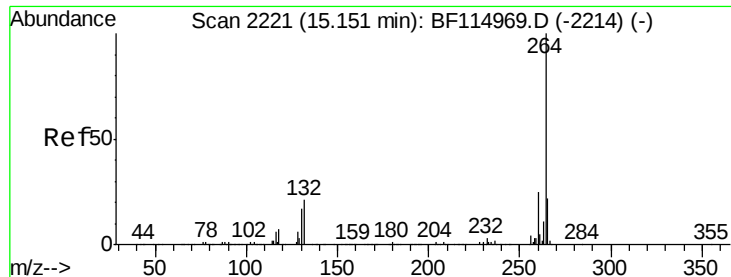
#85
 Di-n-octyl phthalate
 Concen: 0.003 ng
 RT: 14.38 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BF114981.D
 Acq: 12 Jun 2019 18:10

Tgt Ion:149 Resp: 178
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 183.7 6.5 9.7#



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





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.14 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BF114981.D

Acq: 12 Jun 2019 18:10

Instrument :

BNA_F

ClientSampleId :

PB120290BL

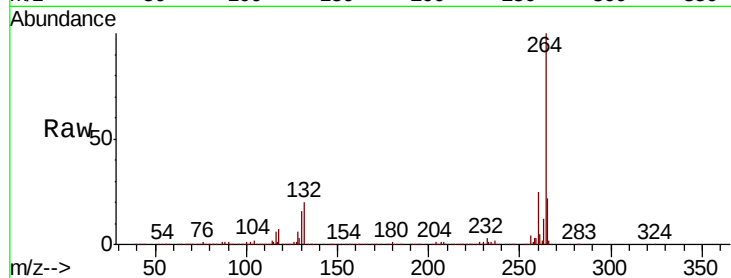
Tgt Ion:264 Resp: 769707

Ion Ratio Lower Upper

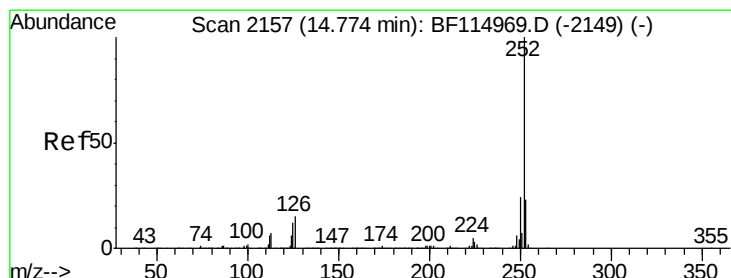
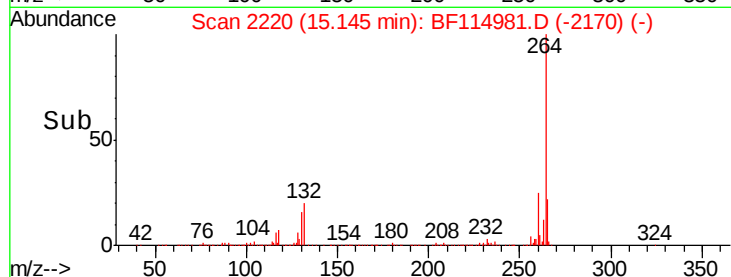
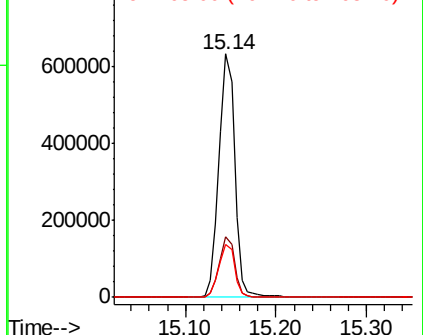
264 100

260 24.6 19.9 29.9

265 21.7 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 0.006 ng

RT: 14.77 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BF114981.D

Acq: 12 Jun 2019 18:10

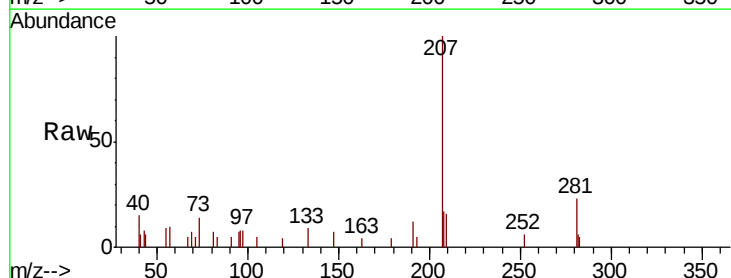
Tgt Ion:252 Resp: 313

Ion Ratio Lower Upper

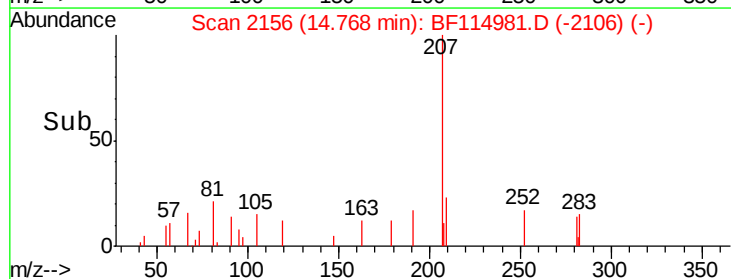
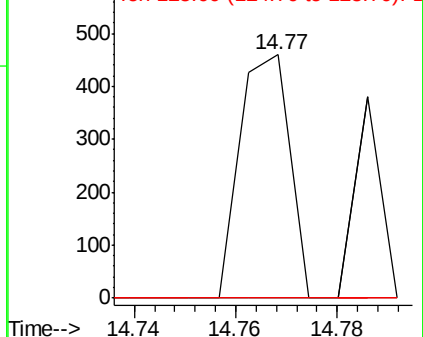
252 100

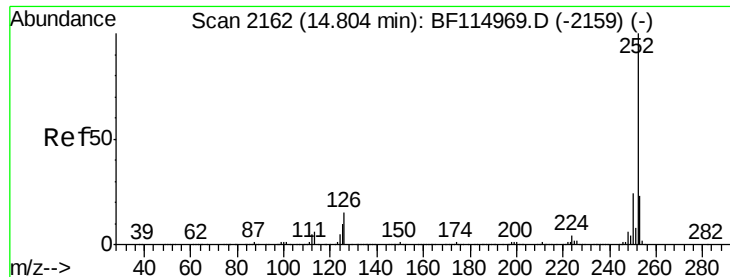
253 0.0 18.1 27.1#

125 0.0 9.4 14.0#



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

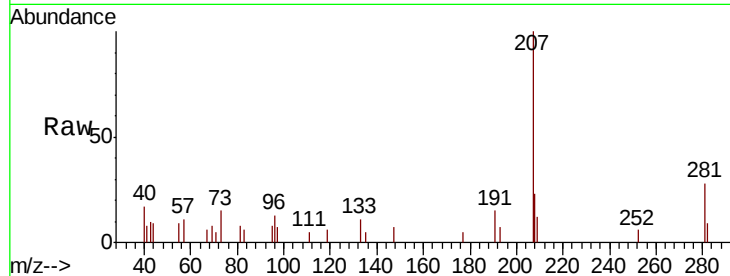




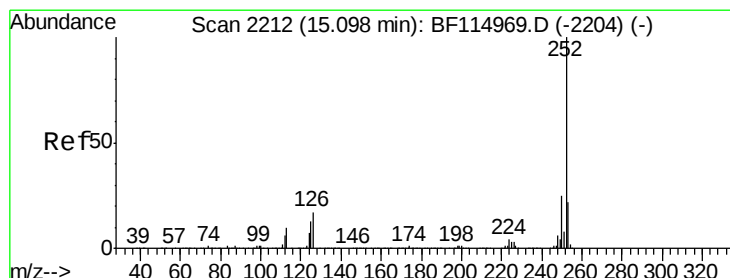
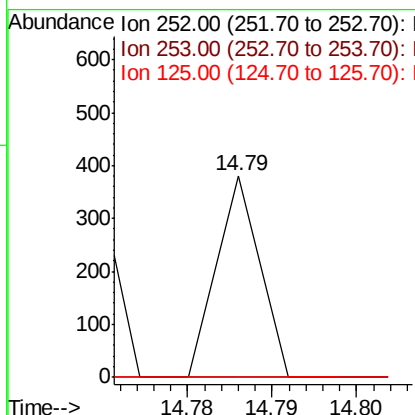
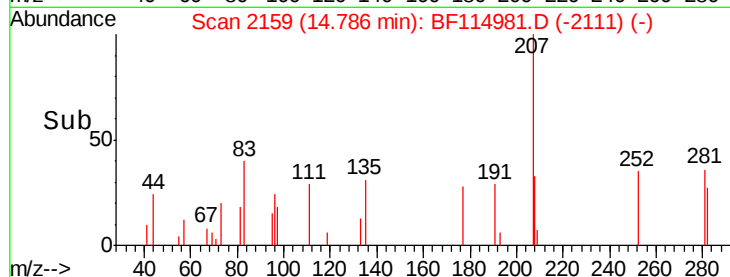
#89
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 14.79 min Scan# 2159
Delta R.T. -0.02 min
Lab File: BF114981.D
Acq: 12 Jun 2019 18:10

Instrument :
BNA_F
ClientSampleId :
PB120290BL

Tgt Ion:252 Resp: 134
Ion Ratio Lower Upper
252 100
253 0.0 18.0 27.0#
125 0.0 8.2 12.4#

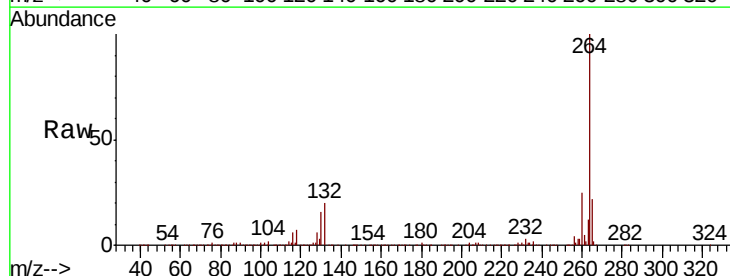


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 0.054 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.05 min
Lab File: BF114981.D
Acq: 12 Jun 2019 18:10

Tgt Ion:252 Resp: 2398
Ion Ratio Lower Upper
252 100
253 43.5 17.8 26.8#
125 30.9 10.7 16.1#



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

