

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061219\
 Data File : BF114975.D
 Acq On : 12 Jun 2019 15:31
 Operator : HP/JU
 Sample : PB120267BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120267BL

Quant Time: Jun 13 02:06:46 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	280589	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1089169	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	537859	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1068671	20.00	ng	0.00
76) Chrysene-d12	13.77	240	815113	20.00	ng	-0.01
87) Perylene-d12	15.16	264	749604	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1912673	113.82	ng	0.01
7) Phenol-d6	6.30	99	2363027	116.58	ng	0.00
23) Nitrobenzene-d5	7.21	82	1503675	83.10	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	697983	121.18	ng	0.00
45) 2-Fluorobiphenyl	9.01	172	2753636	86.77	ng	0.00
79) Terphenyl-d14	12.74	244	2931427	67.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.31	88	435	0.055	ng	# 74
3) Pyridine	2.95	79	114	0.005	ng	# 1
4) n-Nitrosodimethylamine	2.92	42	109	0.014	ng	# 1
6) Aniline	6.32	93	123	0.005	ng	# 1
8) 2-Chlorophenol	6.43	128	650	0.034	ng	# 1
9) Benzaldehyde	6.29	77	3511	Below Cal		# 1
10) Phenol	6.29	94	244	0.011	ng	# 1
11) bis(2-Chloroethyl)ether	6.42	93	2871	0.163	ng	# 1
15) Benzyl Alcohol	6.80	79	23934	1.576	ng	# 40
17) 2-Methylphenol	6.80	107	242	0.015	ng	# 1
19) n-Nitroso-di-n-propylamine	7.21	70	196828	15.982	ng	# 78
20) 3+4-Methylphenols	6.80	107	242	0.013	ng	# 1
22) Acetophenone	6.80	105	148	0.006	ng	# 1
24) Nitrobenzene	7.21	77	4110	0.223	ng	# 28
25) Isophorone	7.21	82	1459166	43.055	ng	# 62
28) bis(2-Chloroethoxy)methane	7.93	93	110	0.005	ng	# 1
32) Benzoic acid	7.93	122	139	0.013	ng	# 1
38) 1-Methylnaphthalene	9.00	142	1320	0.041	ng	# 51
46) 1,1'-Biphenyl	9.10	154	6080	0.141	ng	# 96
48) 2-Nitroaniline	9.00	65	4074	0.395	ng	# 1
50) Dimethylphthalate	9.67	163	152392	3.767	ng	# 1
51) 2,6-Dinitrotoluene	9.67	165	70294	7.661	ng	# 36
52) Acenaphthene	9.67	154	1936	0.063	ng	# 5
57) 2,4-Dinitrotoluene	9.67	165	70294	6.019	ng	# 29
58) Fluorene	10.46	166	30664	Below Cal		# 87
63) Azobenzene	10.46	77	3153	0.093	ng	# 2
65) 4,6-Dinitro-2-methylphenol	10.46	198	1460	0.244	ng	# 1
66) n-Nitrosodiphenylamine	10.46	169	20536	0.643	ng	# 45
67) 4-Bromophenyl-phenylether	10.46	248	45047	3.926	ng	# 1
71) Phenanthrene	11.17	178	520	0.009	ng	# 58
72) Anthracene	11.22	178	248	0.004	ng	# 59
73) Carbazole	11.39	167	491	0.010	ng	# 57
74) Di-n-butylphthalate	11.72	149	1097	0.018	ng	# 77
75) Fluoranthene	12.35	202	1187	0.021	ng	# 62

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

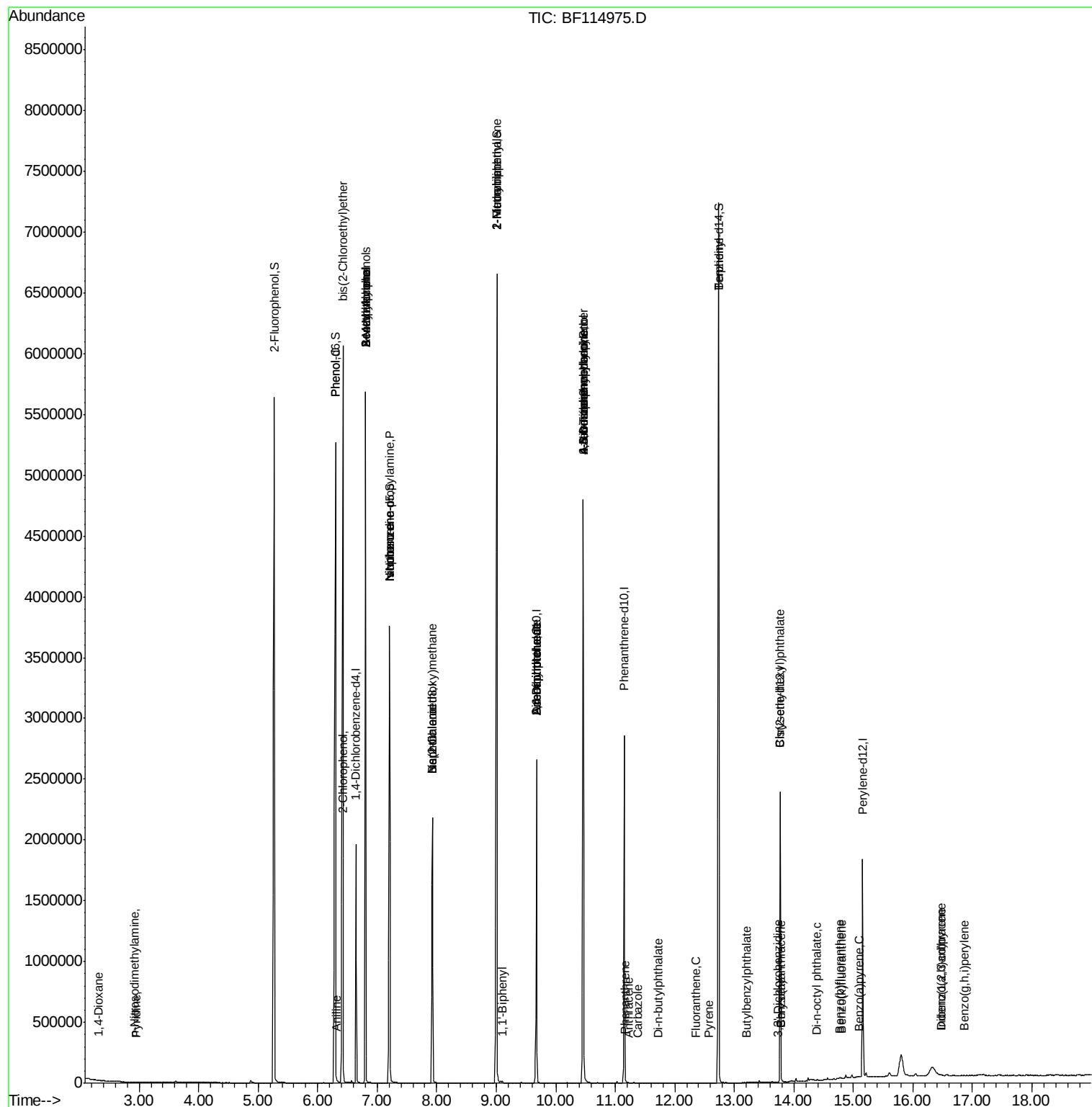
77) Benzidine	12.74	184	39209	1.189	ng	# 96
78) Pyrene	12.57	202	1022	0.014	ng	# 55
80) Butylbenzylphthalate	13.20	149	545	0.016	ng	# 76
81) Benzo(a)anthracene	13.79	228	1393	0.023	ng	# 98
82) 3,3'-Dichlorobenzidine	13.73	252	462	0.020	ng	# 88
83) Chrysene	13.79	228	1393	0.023	ng	# 95
84) Bis(2-ethylhexyl)phthalate	13.77	149	1647	0.040	ng	# 74
85) Di-n-octyl phthalate	14.39	149	2554	0.036	ng	# 50
86) Indeno(1,2,3-cd)pyrene	16.47	276	2135	0.040	ng	# 74
88) Benzo(b)fluoranthene	14.77	252	1801	0.036	ng	# 79
89) Benzo(k)fluoranthene	14.80	252	1510	0.035	ng	# 63
90) Benzo(a)pyrene	15.10	252	1578	0.037	ng	# 82
91) Dibenzo(a,h)anthracene	16.48	278	1281	0.035	ng	# 58
92) Benzo(g,h,i)perylene	16.85	276	1741	0.046	ng	# 51

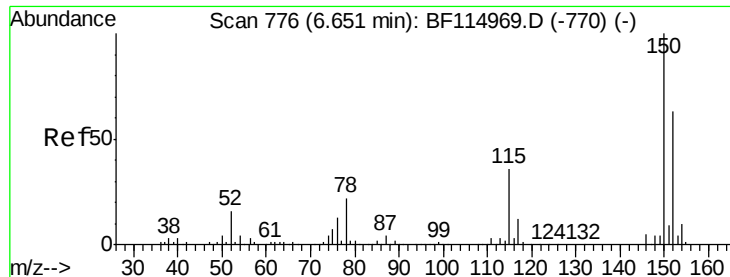
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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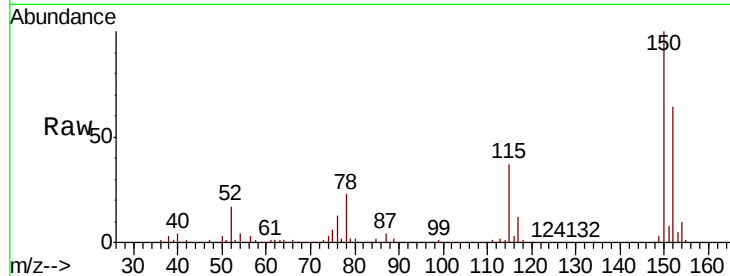




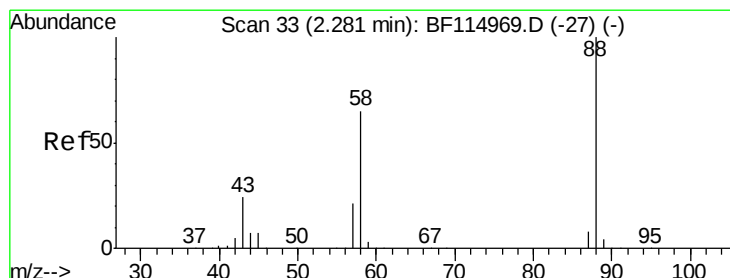
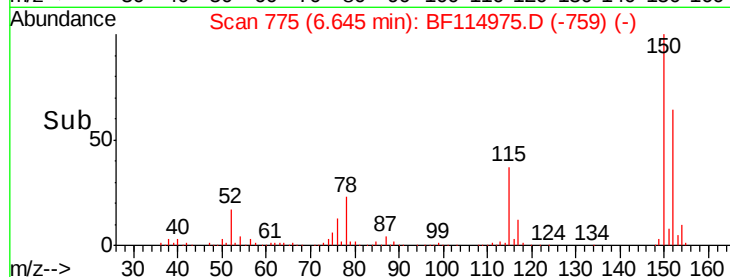
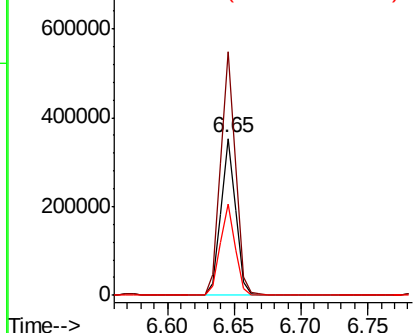
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF114975.D
 Acq: 12 Jun 2019 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB120267BL

Tgt Ion: 152 Resp: 280589
 Ion Ratio Lower Upper
 152 100
 150 155.4 127.4 191.0
 115 58.2 46.0 69.0

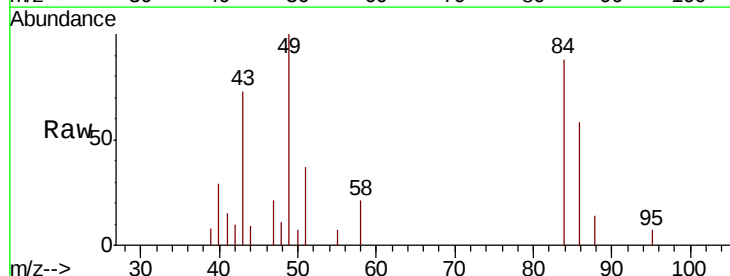


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

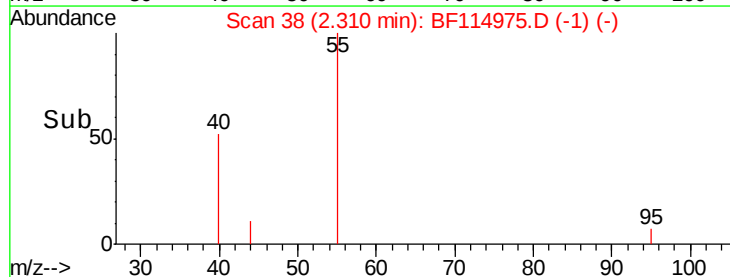
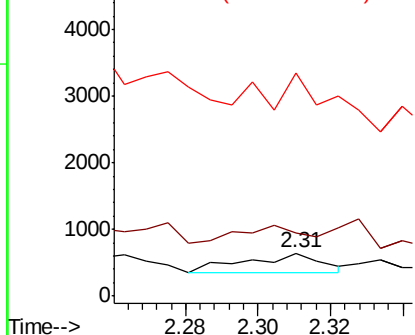


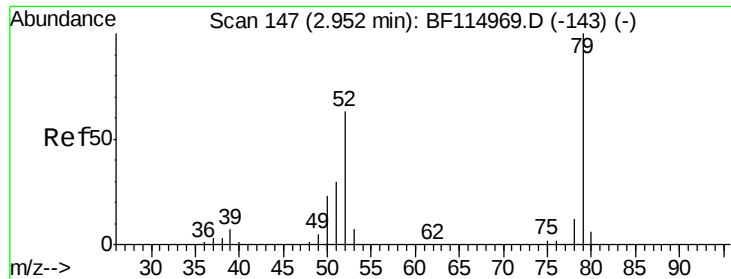
#2
 1,4-Dioxane
 Concen: 0.055 ng
 RT: 2.31 min Scan# 38
 Delta R.T. 0.03 min
 Lab File: BF114975.D
 Acq: 12 Jun 2019 15:31

Tgt Ion: 88 Resp: 435
 Ion Ratio Lower Upper
 88 100
 58 53.3 53.4 80.2#
 43 0.0 19.7 29.5#



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





#3

Pyridine

Concen: 0.005 ng

RT: 2.95 min Scan# 147

Delta R.T. -0.00 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

Instrument :

BNA_F

ClientSampleId :

PB120267BL

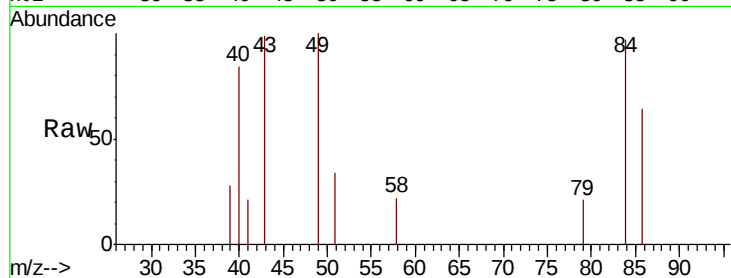
Tgt Ion: 79 Resp: 114

Ion Ratio Lower Upper

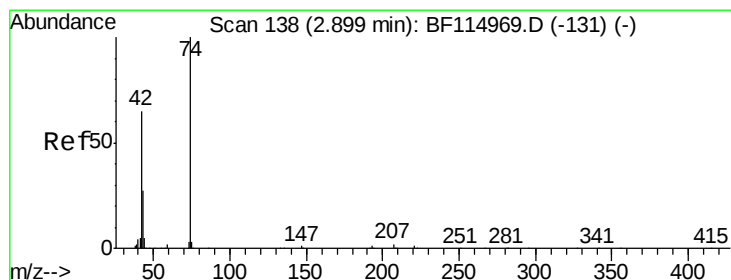
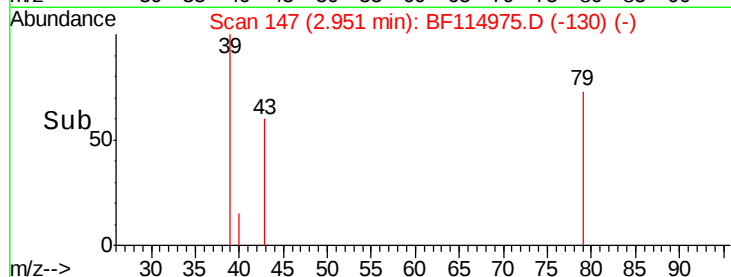
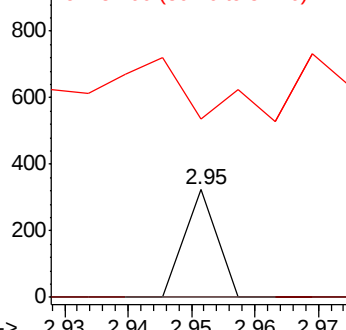
79 100

52 0.0 50.3 75.5#

51 166.0 24.4 36.6#



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



#4

n-Nitrosodimethylamine

Concen: 0.014 ng

RT: 2.92 min Scan# 141

Delta R.T. 0.02 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

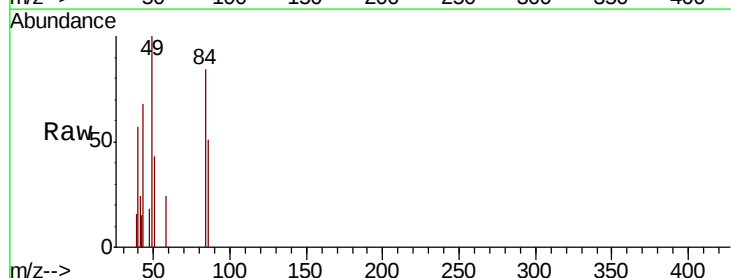
Tgt Ion: 42 Resp: 109

Ion Ratio Lower Upper

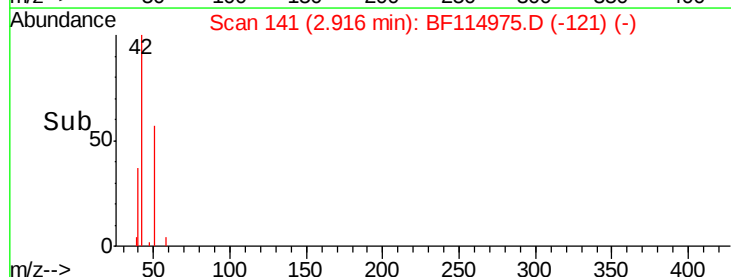
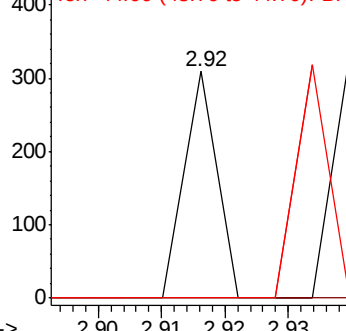
42 100

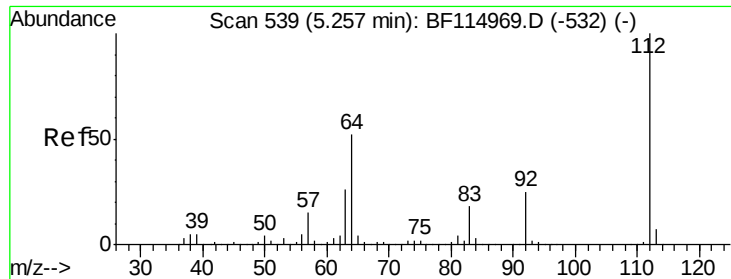
74 0.0 122.2 183.2#

44 0.0 5.8 8.8#



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





#5

2-Fluorophenol

Concen: 113.823 ng

RT: 5.27 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

Instrument :

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ClientSampleId :

PB120267BL

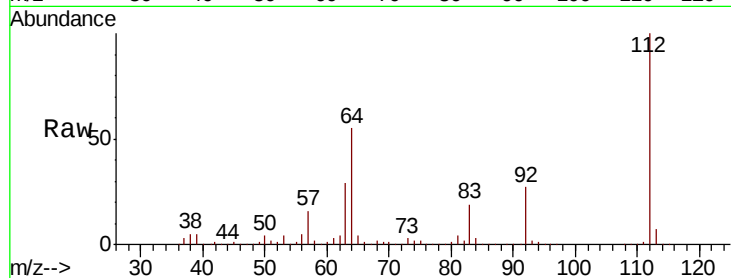
Tgt Ion: 112 Resp: 1912673

Ion Ratio Lower Upper

112 100

64 54.9 41.6 62.4

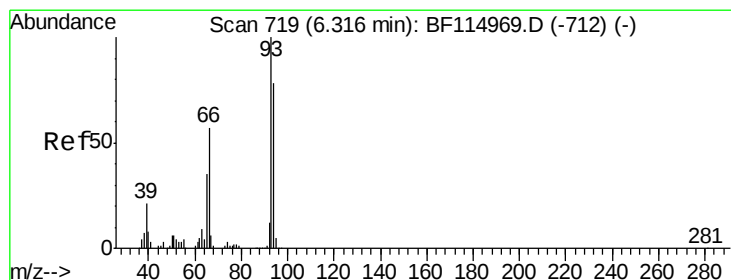
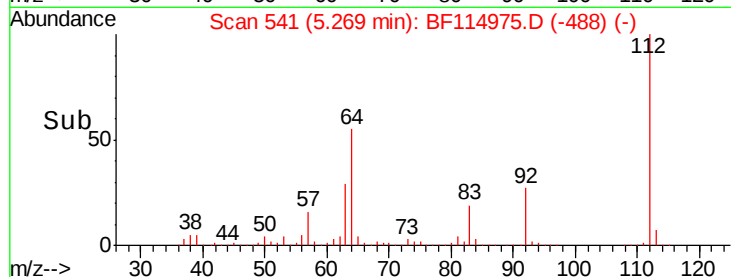
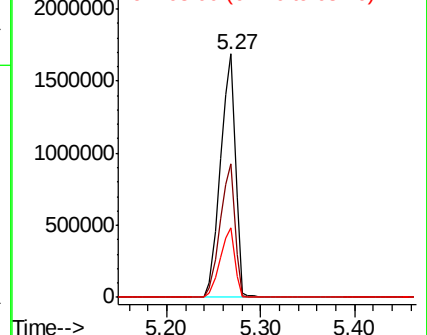
63 28.6 20.9 31.3



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: 0.005 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

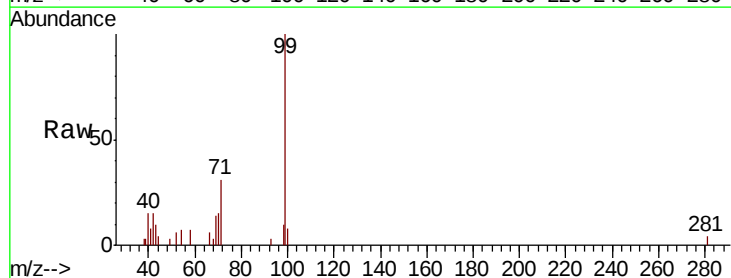
Tgt Ion: 93 Resp: 123

Ion Ratio Lower Upper

93 100

66 199.4 46.2 69.2#

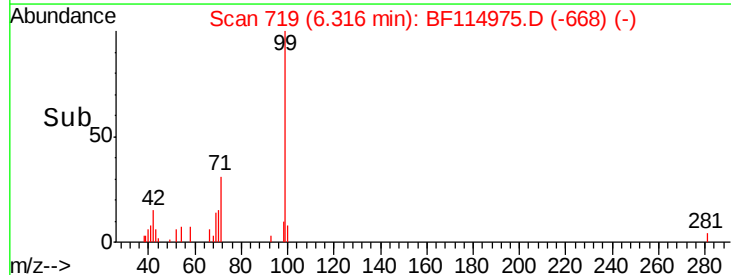
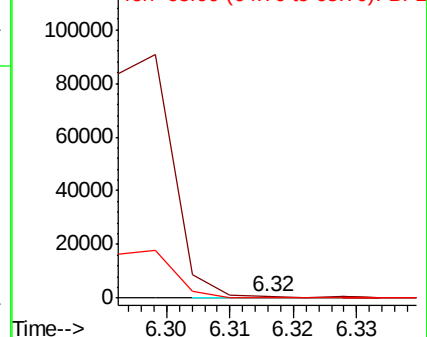
65 0.0 27.7 41.5#

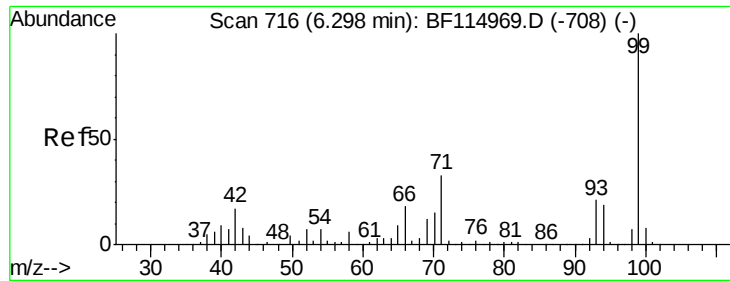


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.576 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

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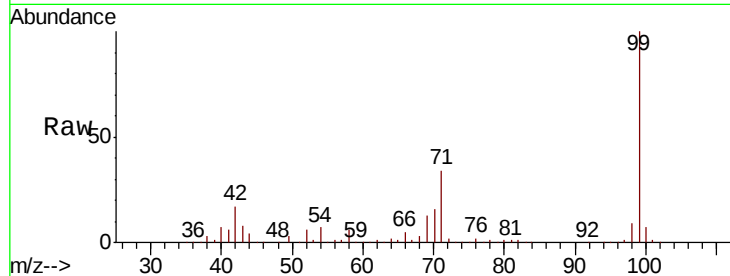
Tgt Ion: 99 Resp: 2363027

Ion Ratio Lower Upper

99 100

42 16.5 13.4 20.2

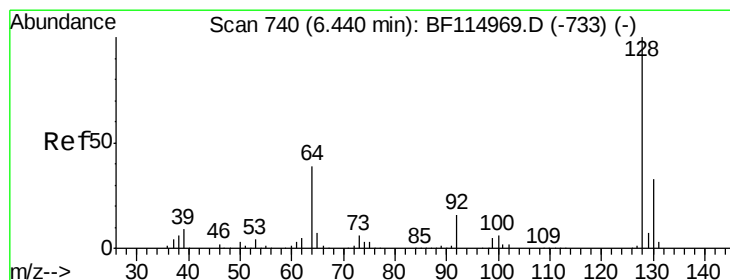
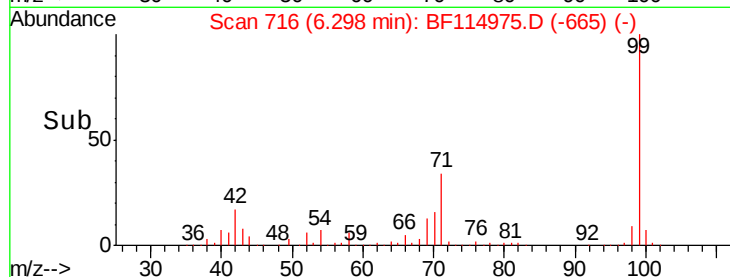
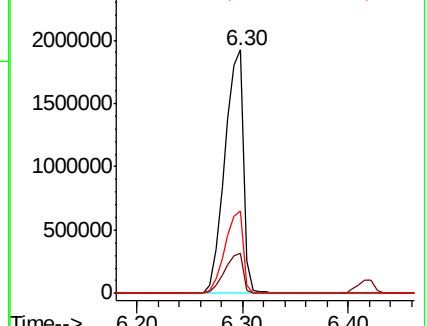
71 34.0 26.4 39.6



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: BF114975.D

Acq: 12 Jun 2019 15:31

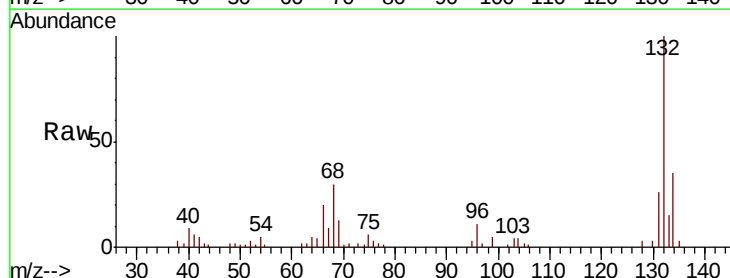
Tgt Ion: 128 Resp: 650

Ion Ratio Lower Upper

128 100

130 84.7 13.4 53.4#

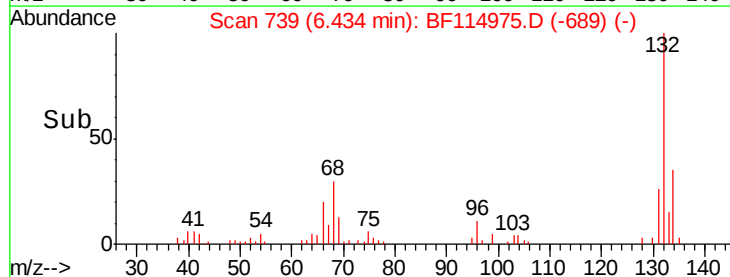
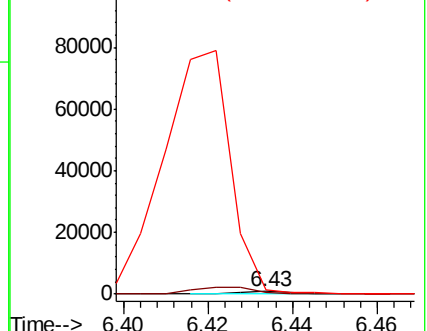
64 166.9 20.1 60.1#

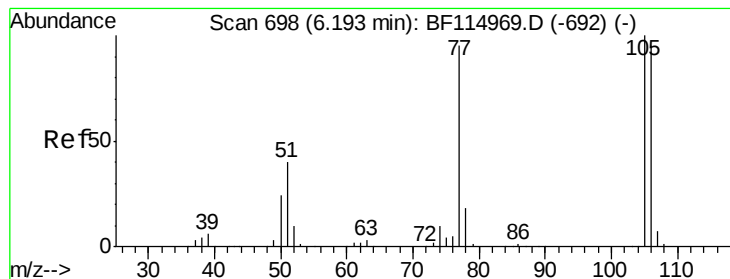


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: Below Cal

RT: 6.29 min Scan# 715

Delta R.T. 0.10 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

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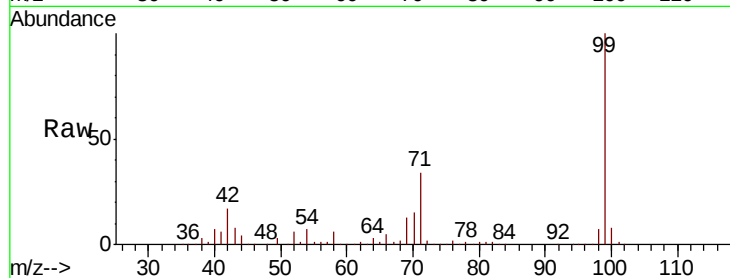
Tgt Ion: 77 Resp: 3511

Ion Ratio Lower Upper

77 100

105 0.0 85.1 125.1#

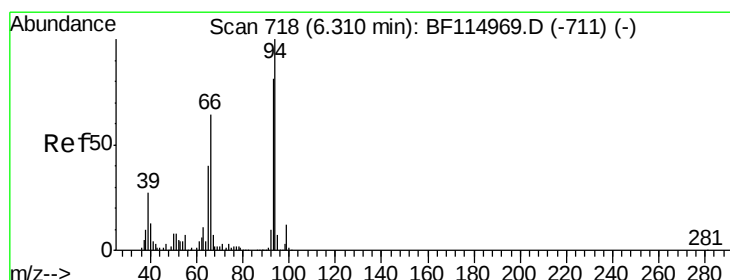
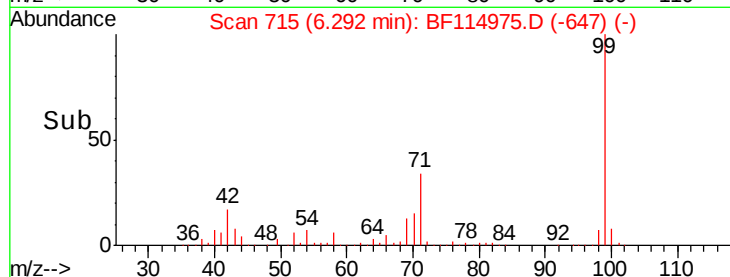
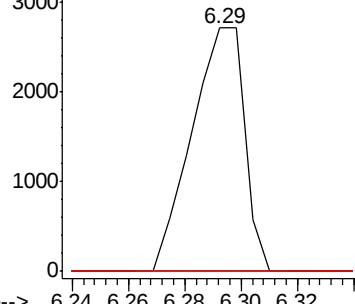
106 0.0 80.0 120.0#



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: 0.011 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

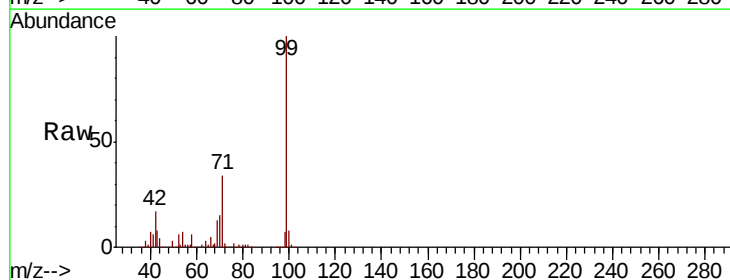
Tgt Ion: 94 Resp: 244

Ion Ratio Lower Upper

94 100

65 4507.9 20.0 60.0#

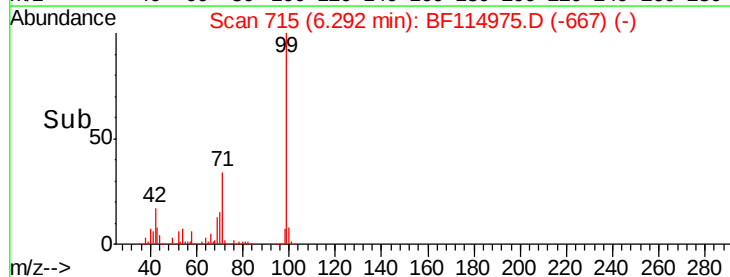
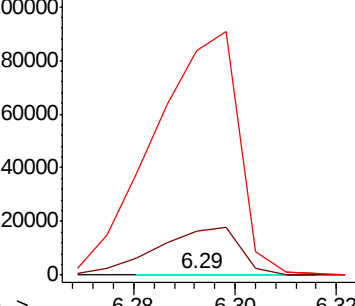
66 22785.8 44.1 84.1#

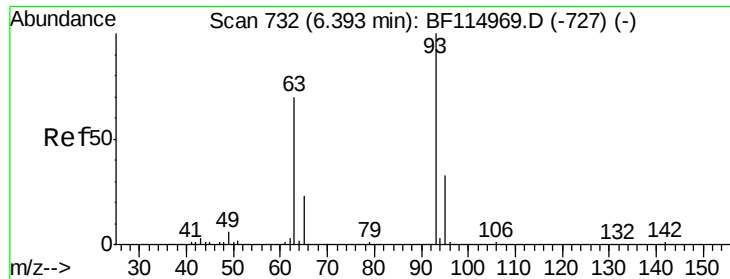


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

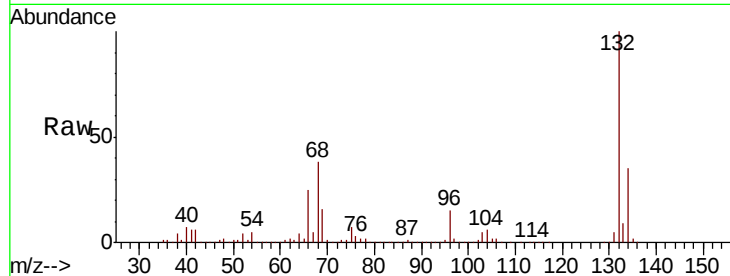




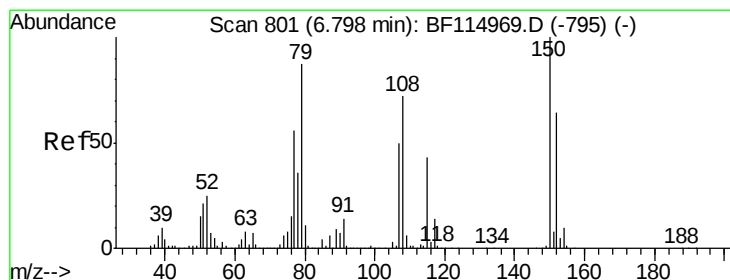
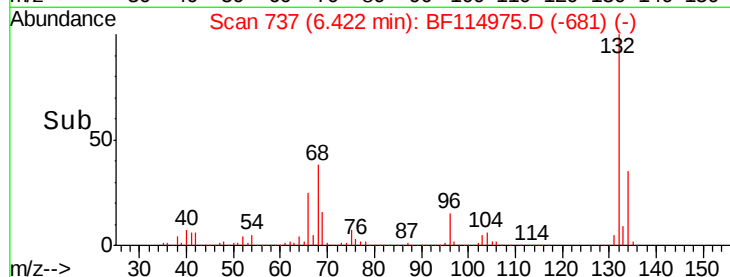
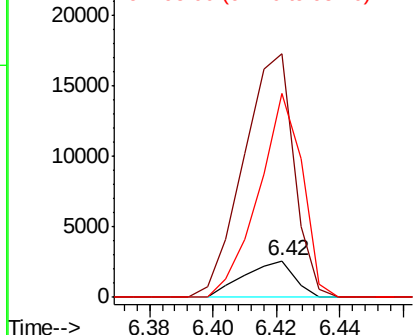
#11
bis(2-Chloroethyl)ether
Concen: 0.163 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.03 min
Lab File: BF114975.D
Acq: 12 Jun 2019 15:31

Instrument :
BNA_F
ClientSampleId :
PB120267BL

Tgt Ion: 93 Resp: 2871
Ion Ratio Lower Upper
93 100
63 666.8 49.8 89.8#
95 560.0 13.3 53.3#

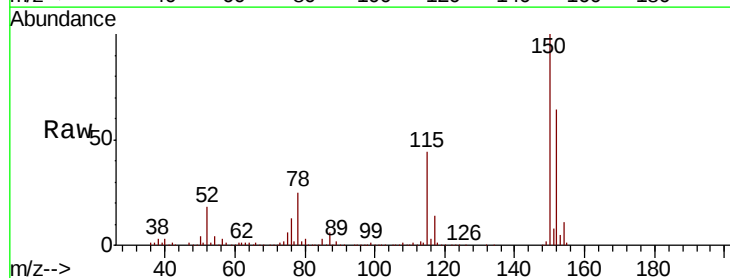


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

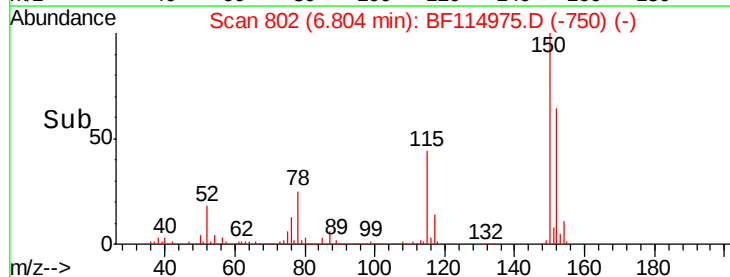
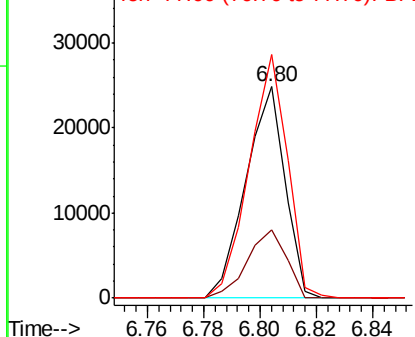


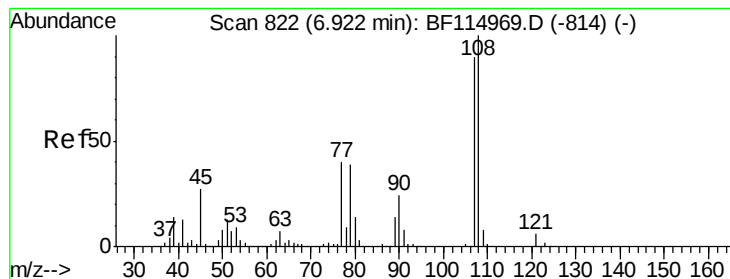
#15
Benzyl Alcohol
Concen: 1.576 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF114975.D
Acq: 12 Jun 2019 15:31

Tgt Ion: 79 Resp: 23934
Ion Ratio Lower Upper
79 100
108 32.1 66.0 99.0#
77 115.3 51.1 76.7#



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





#17

2-Methylphenol

Concen: 0.015 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.12 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

Instrument :

BNA_F

ClientSampleId :

PB120267BL

Tgt Ion: 107 Resp: 242

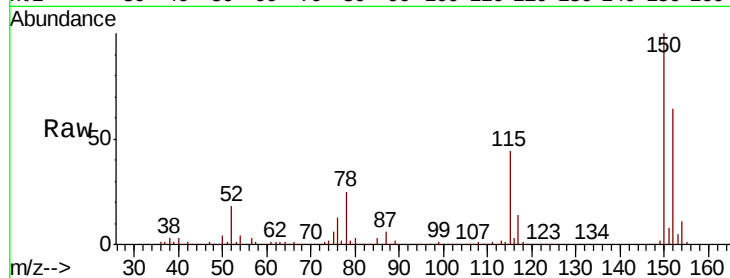
Ion Ratio Lower Upper

107 100

108 2200.0 89.3 133.9#

77 7907.2 35.4 53.2#

79 6857.5 34.9 52.3#



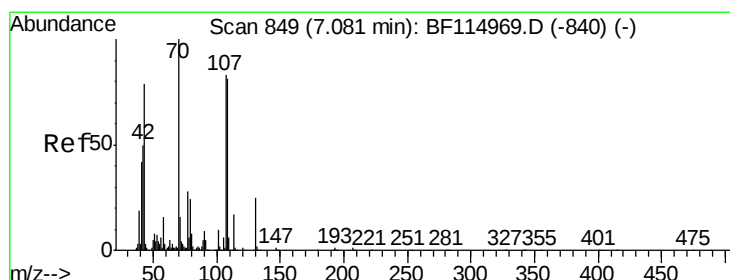
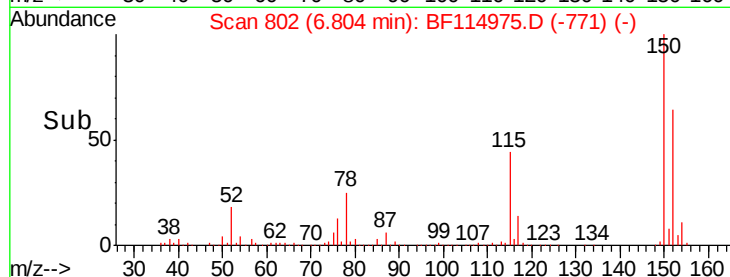
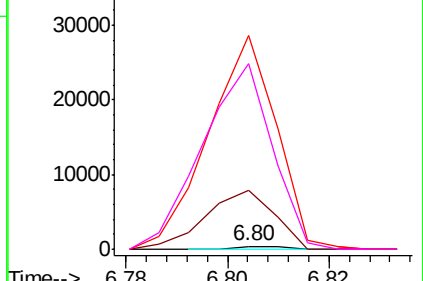
Abundance

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: 15.982 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.13 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

Tgt Ion: 70 Resp: 196828

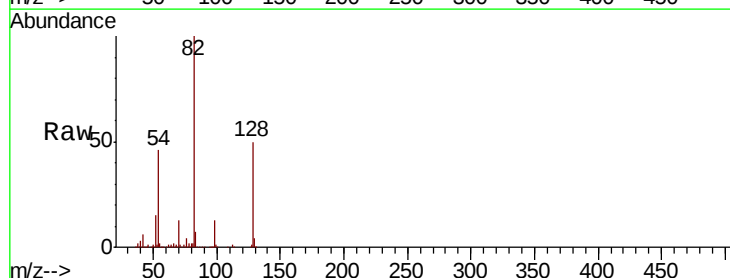
Ion Ratio Lower Upper

70 100

42 44.3 40.3 60.5

101 0.0 8.2 12.4#

130 2.6 20.3 30.5#



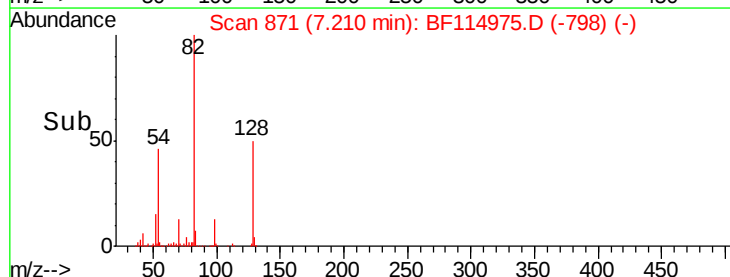
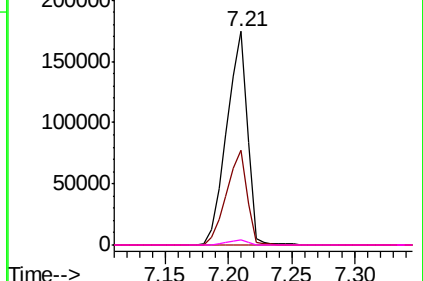
Abundance

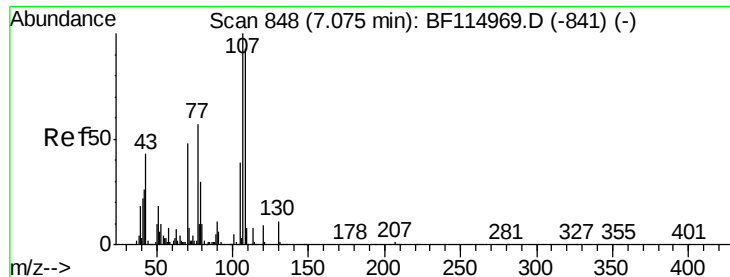
Ion 70.00 (69.70 to 70.70): BF1

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: 0.013 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.27 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

Instrument :

BNA_F

ClientSampleId :

PB120267BL

Tgt Ion:107 Resp: 242

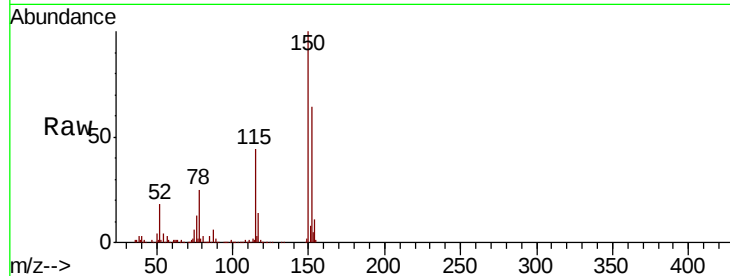
Ion Ratio Lower Upper

107 100

108 2200.0 73.1 113.1#

77 7907.2 37.3 77.3#

79 6857.5 9.6 49.6#

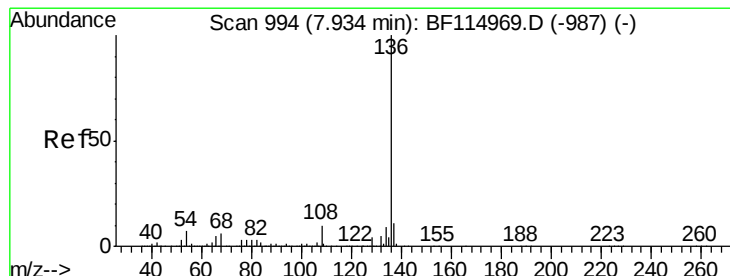
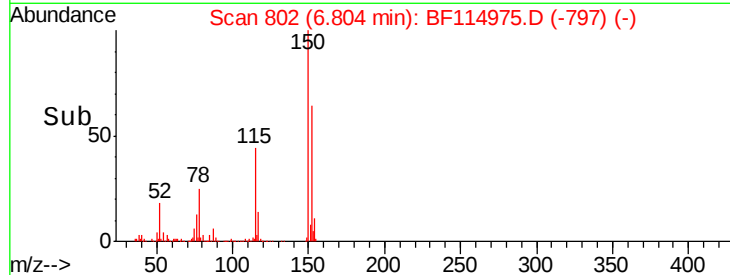
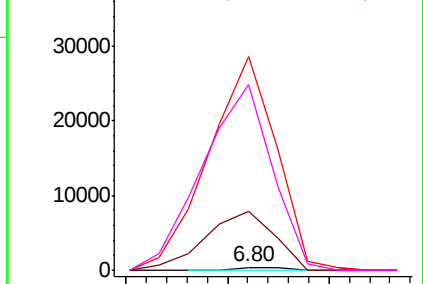


Abundance Ion 107.00 (106.70 to 107.70): E

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: BF114975.D

Acq: 12 Jun 2019 15:31

Tgt Ion:136 Resp: 1089169

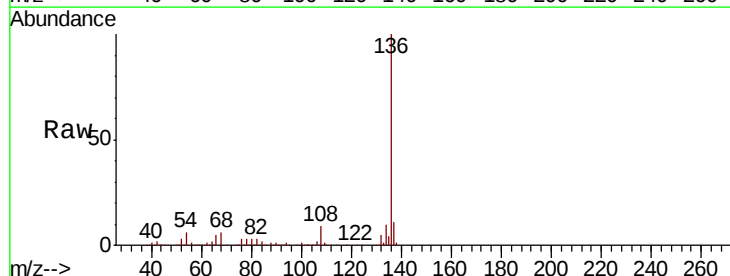
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 6.5 5.4 8.0

68 5.6 4.6 7.0

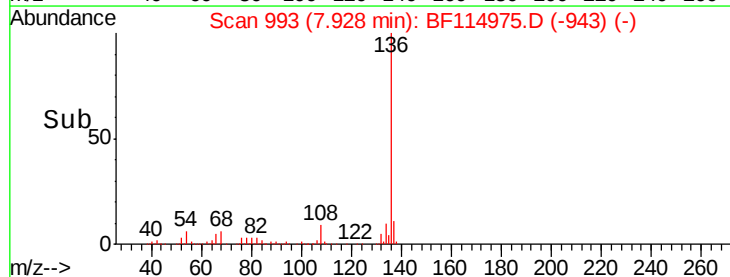
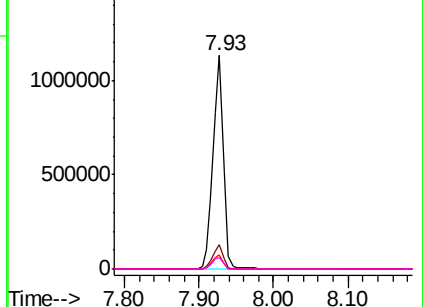


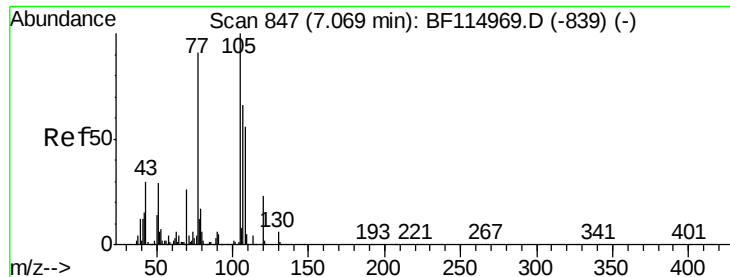
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.006 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.26 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

Instrument :

BNA_F

ClientSampleId :

PB120267BL

Tgt Ion:105 Resp: 148

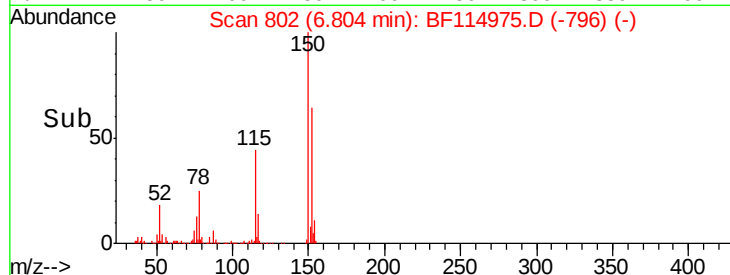
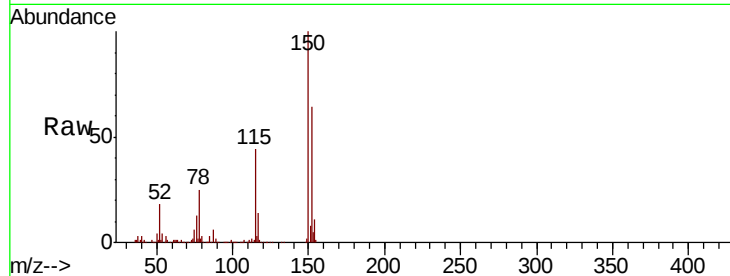
Ion Ratio Lower Upper

105 100

71 607.4 3.4 5.2#

51 2045.2 23.3 34.9#

120 386.4 18.8 28.2#

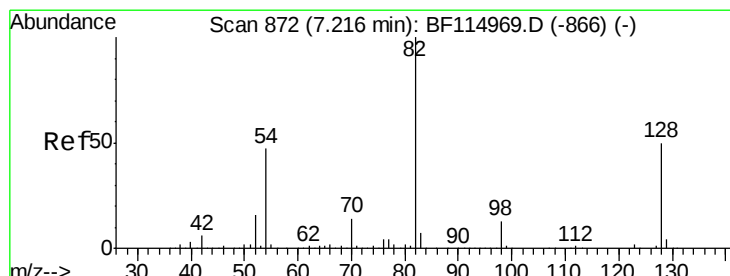
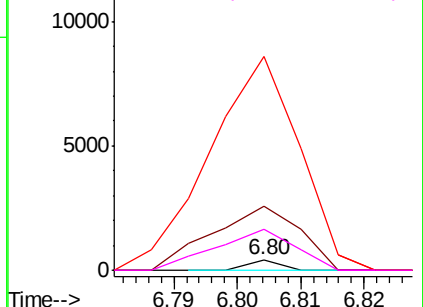


Abundance Ion 105.00 (104.70 to 105.70): E

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: 83.099 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

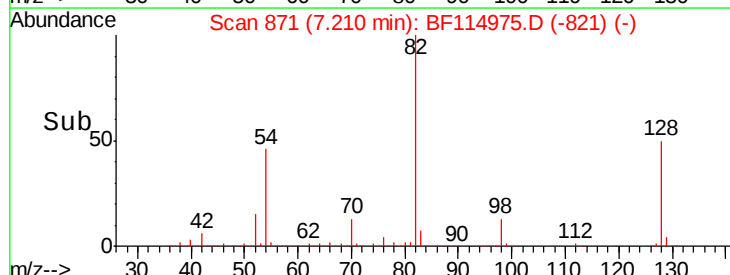
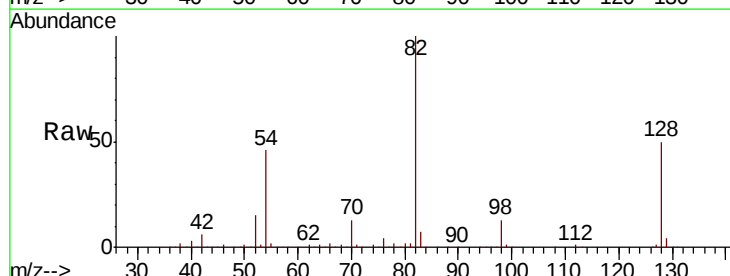
Tgt Ion: 82 Resp: 1503675

Ion Ratio Lower Upper

82 100

128 50.2 39.9 59.9

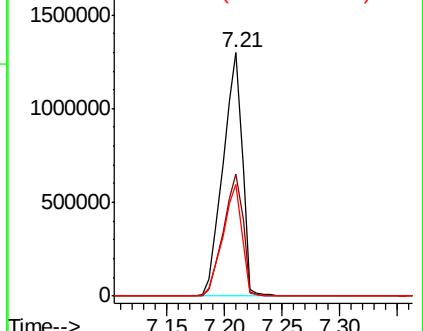
54 46.1 37.3 55.9

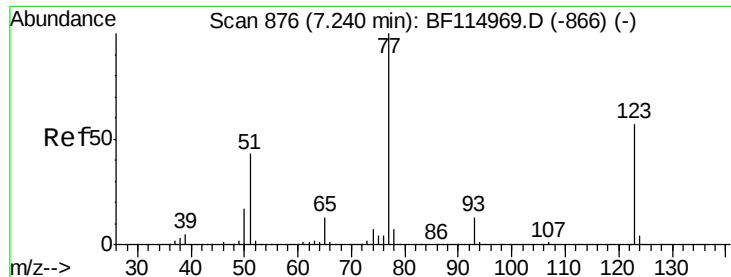


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 0.223 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.03 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

Instrument :

BNA_F

ClientSampleId :

PB120267BL

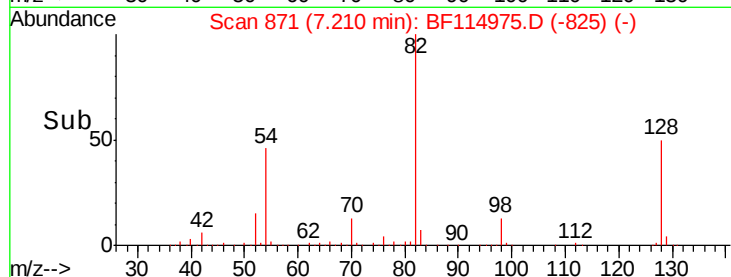
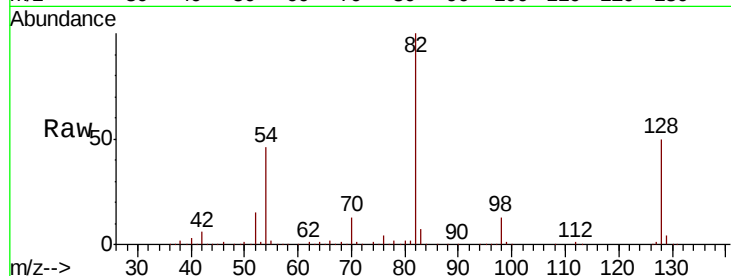
Tgt Ion: 77 Resp: 4110

Ion Ratio Lower Upper

77 100

123 0.0 45.5 68.3#

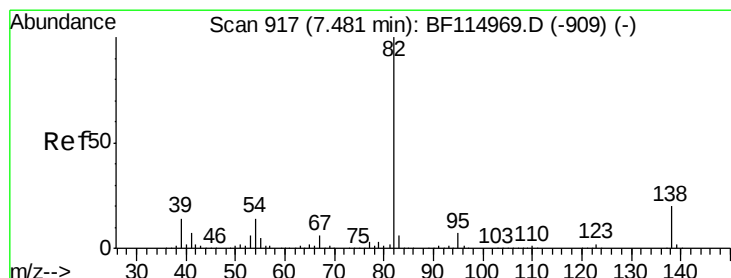
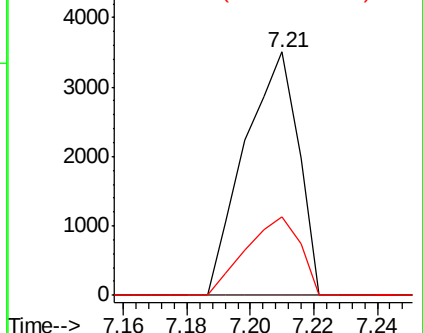
65 32.2 10.3 15.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 43.055 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.27 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

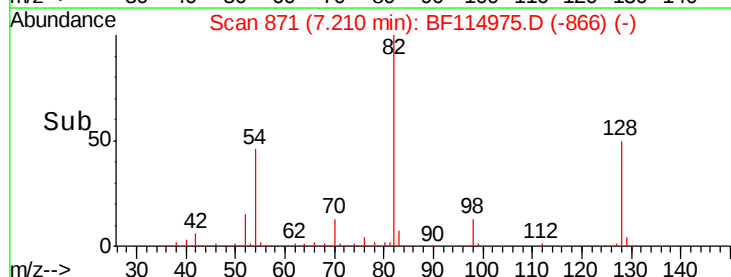
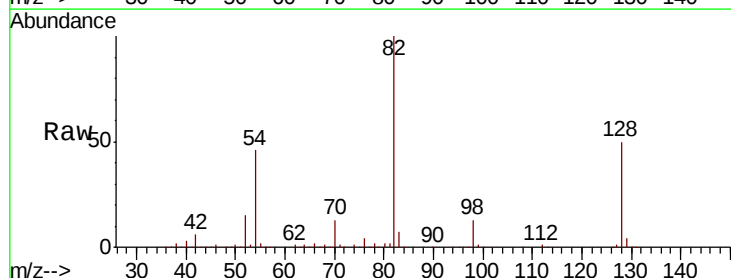
Tgt Ion: 82 Resp: 1459166

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

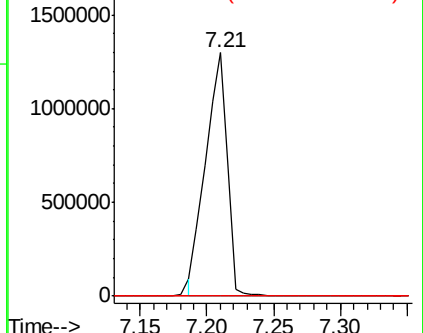
138 0.0 16.1 24.1#

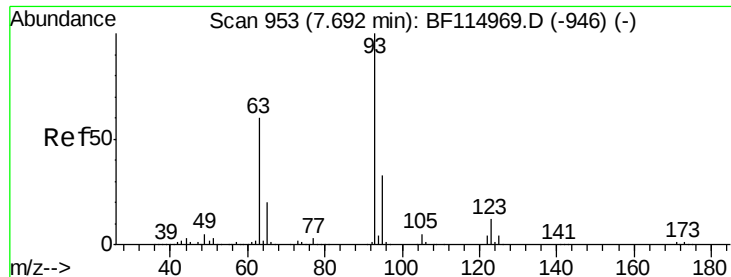


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

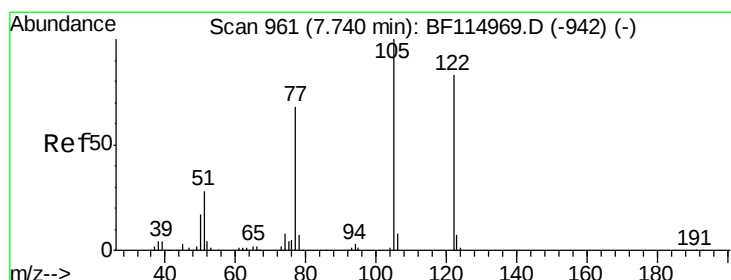
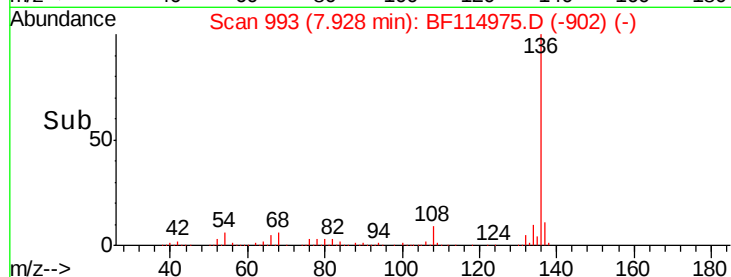
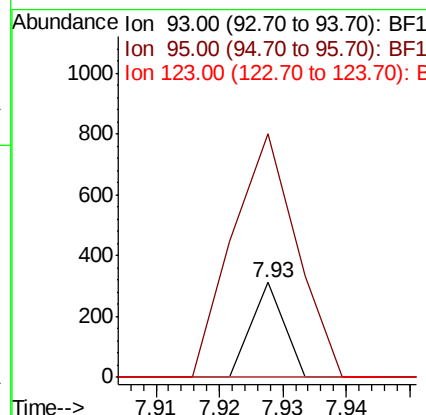
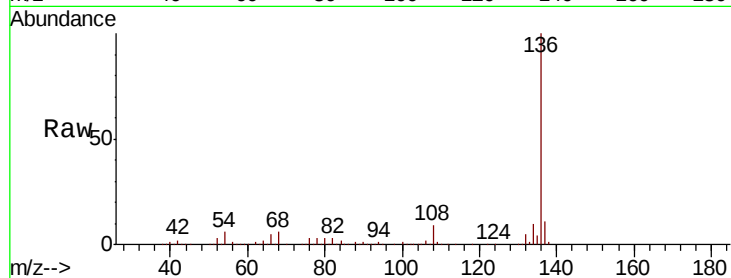




#28
bis(2-Chloroethoxy)methane
Concen: 0.005 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.24 min
Lab File: BF114975.D
Acq: 12 Jun 2019 15:31

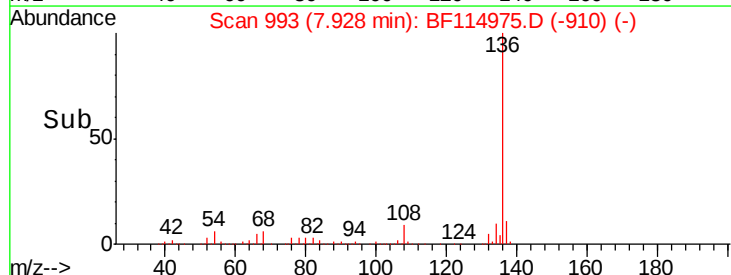
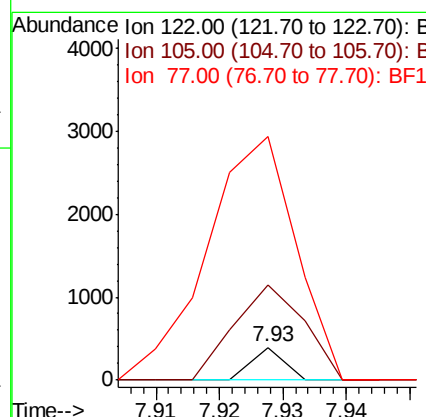
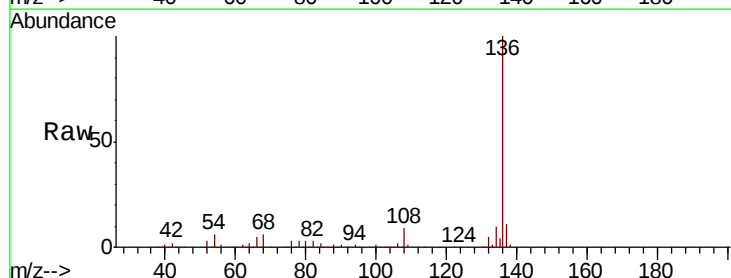
Instrument :
BNA_F
ClientSampled :
PB120267BL

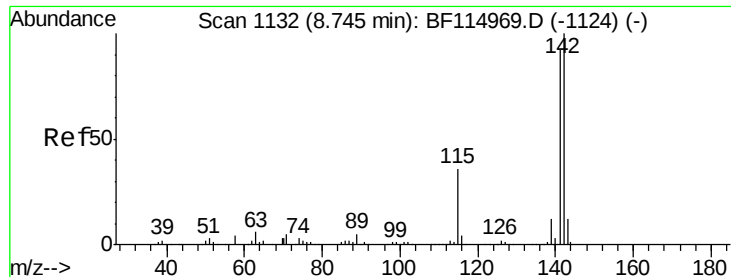
Tgt Ion: 93 Resp: 110
Ion Ratio Lower Upper
93 100
95 257.2 26.6 40.0#
123 0.0 9.9 14.9#



#32
Benzoic acid
Concen: 0.013 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.19 min
Lab File: BF114975.D
Acq: 12 Jun 2019 15:31

Tgt Ion: 122 Resp: 139
Ion Ratio Lower Upper
122 100
105 293.6 98.6 138.6#
77 747.1 60.9 100.9#

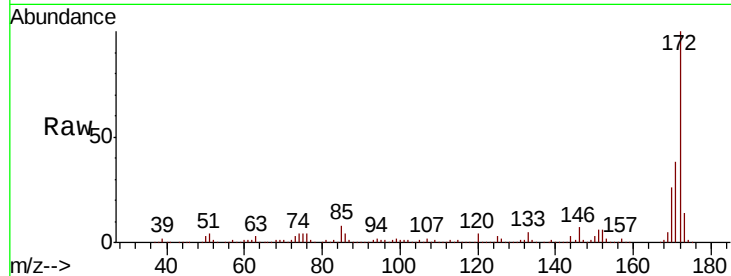




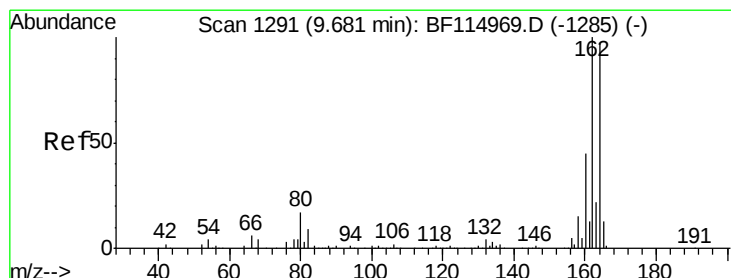
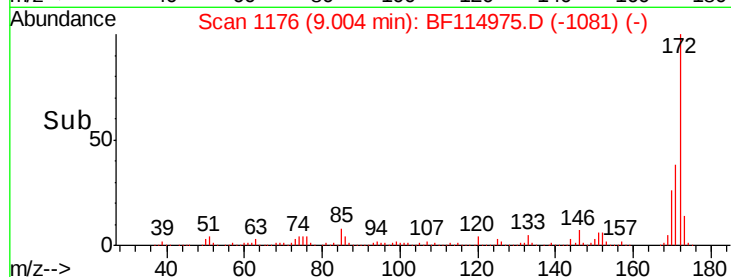
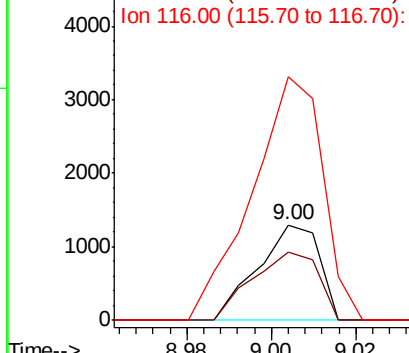
#38
1-Methylnaphthalene
Concen: 0.041 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.26 min
Lab File: BF114975.D
Acq: 12 Jun 2019 15:31

Instrument :
BNA_F
ClientSampleId :
PB120267BL

Tgt Ion:142 Resp: 1320
Ion Ratio Lower Upper
142 100
141 71.6 73.8 110.8#
116 255.1 2.9 4.3#

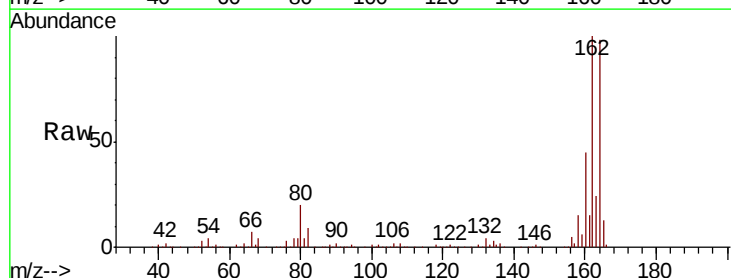


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

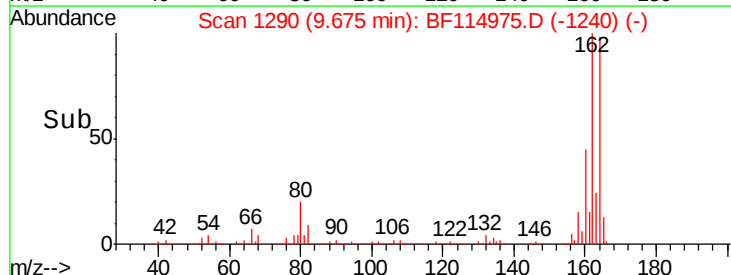
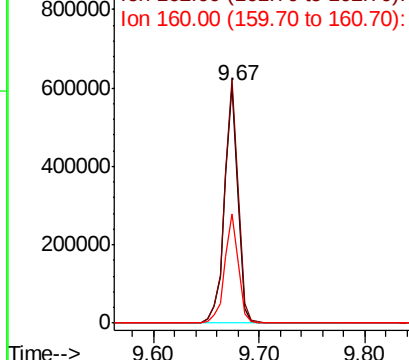


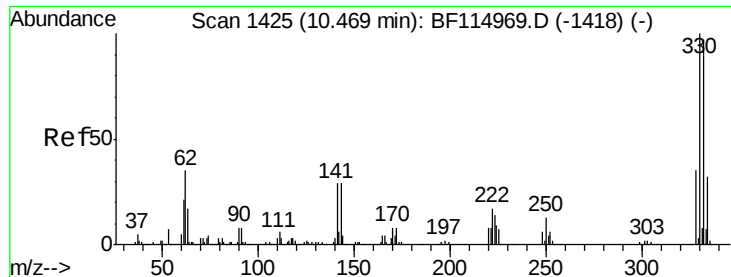
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF114975.D
Acq: 12 Jun 2019 15:31

Tgt Ion:164 Resp: 537859
Ion Ratio Lower Upper
164 100
162 102.4 82.6 124.0
160 46.2 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: 121.183 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

Instrument :

BNA_F

ClientSampleId :

PB120267BL

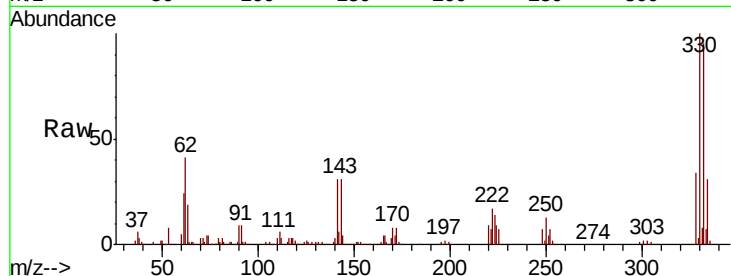
Tgt Ion:330 Resp: 697983

Ion Ratio Lower Upper

330 100

332 95.8 77.6 116.4

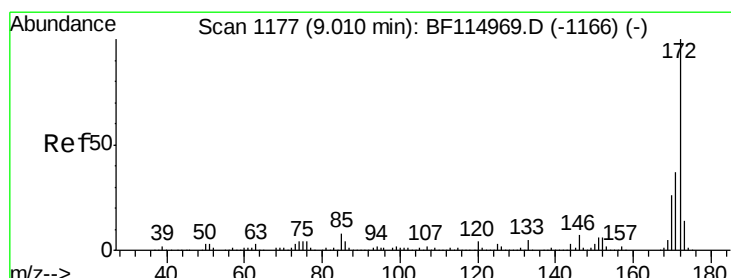
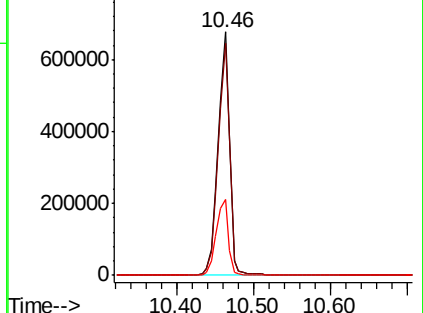
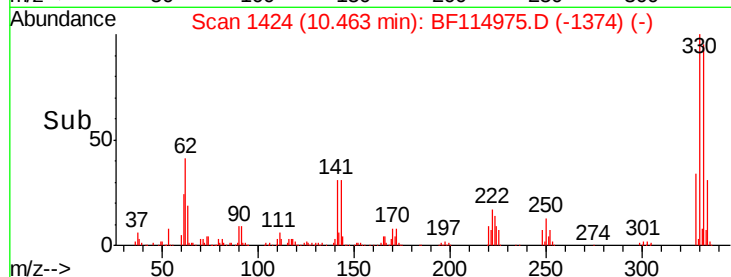
141 32.9 27.2 40.8



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: 86.769 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

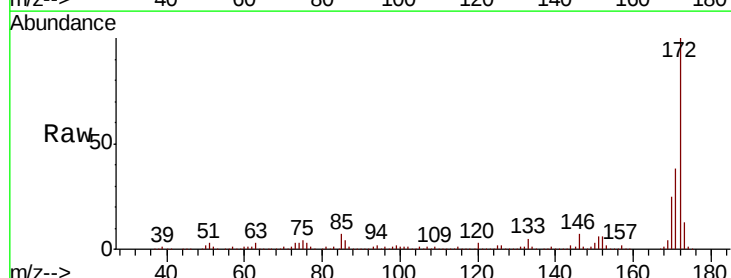
Tgt Ion:172 Resp: 2753636

Ion Ratio Lower Upper

172 100

171 38.2 29.8 44.6

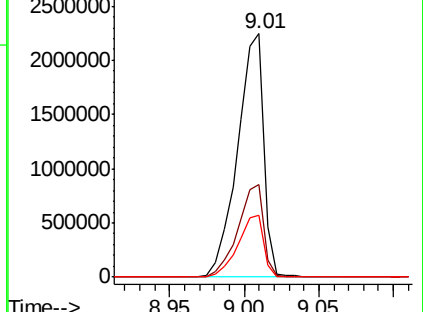
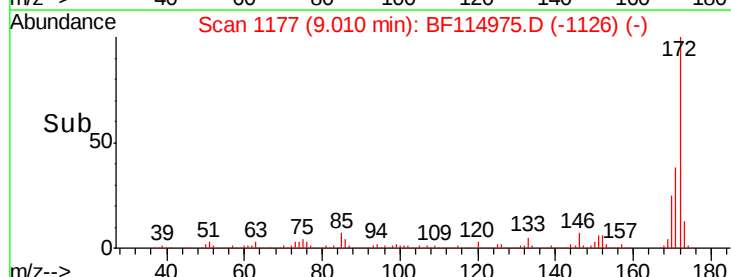
170 25.5 20.6 31.0

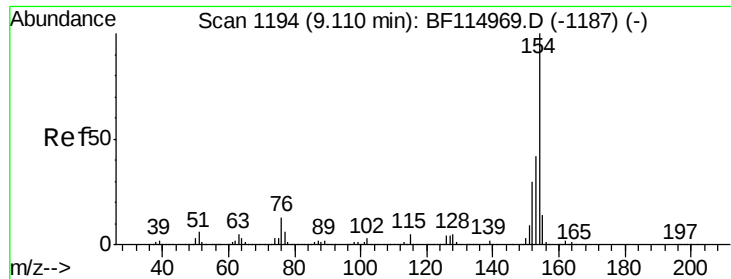


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

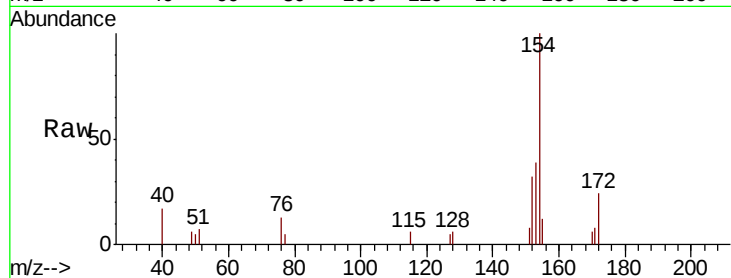




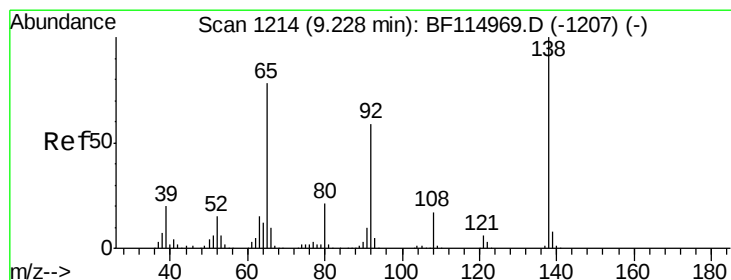
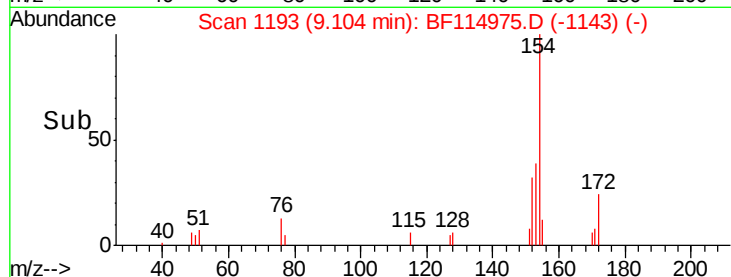
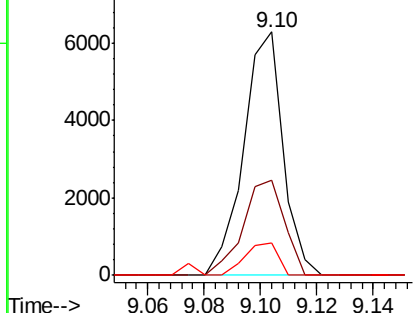
#46
 1,1'-Biphenyl
 Concen: 0.141 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF114975.D
 Acq: 12 Jun 2019 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB120267BL

Tgt Ion: 154 Resp: 6080
 Ion Ratio Lower Upper
 154 100
 153 39.1 22.4 62.4
 76 13.2 0.0 33.3

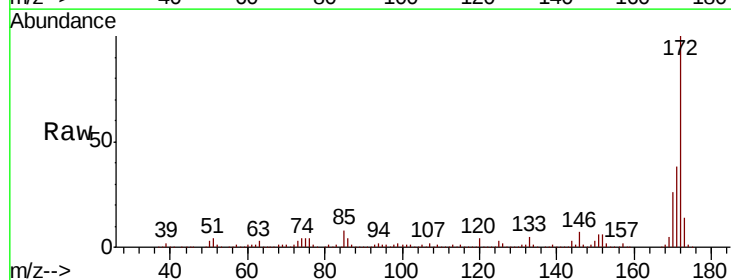


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

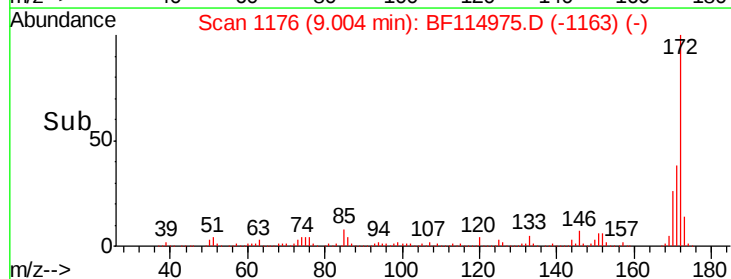
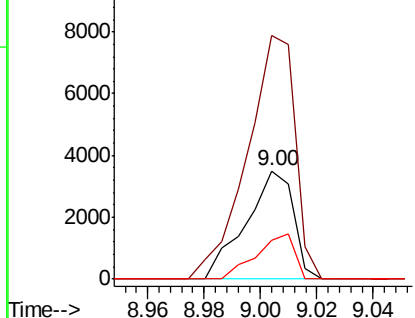


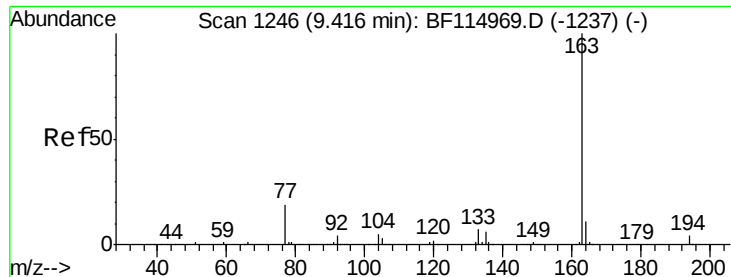
#48
 2-Nitroaniline
 Concen: 0.395 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.22 min
 Lab File: BF114975.D
 Acq: 12 Jun 2019 15:31

Tgt Ion: 65 Resp: 4074
 Ion Ratio Lower Upper
 65 100
 92 224.2 60.5 90.7#
 138 36.3 102.0 153.0#



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

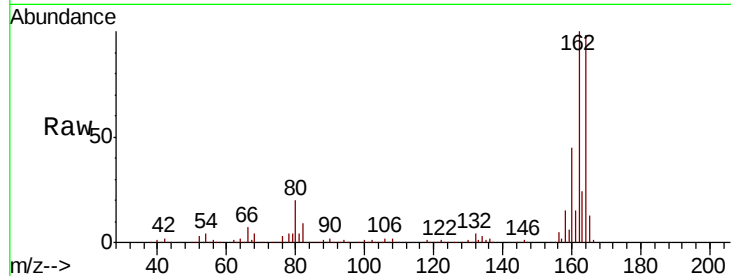




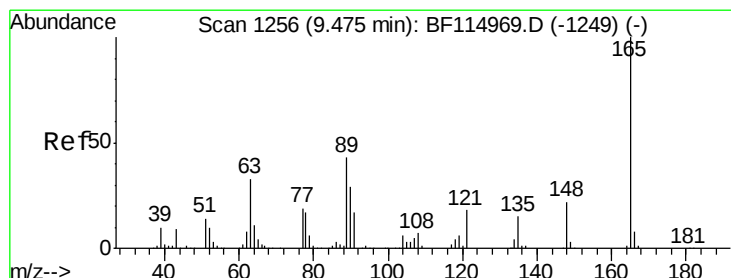
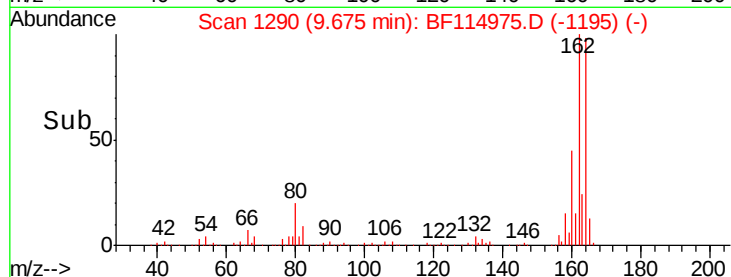
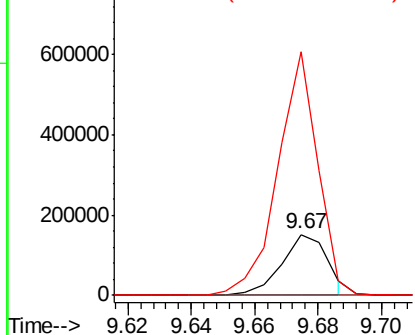
#50
Dimethylphthalate
Concen: 3.767 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.26 min
Lab File: BF114975.D
Acq: 12 Jun 2019 15:31

Instrument :
BNA_F
ClientSampleId :
PB120267BL

Tgt Ion:163 Resp: 152392
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 401.1 8.6 12.8#

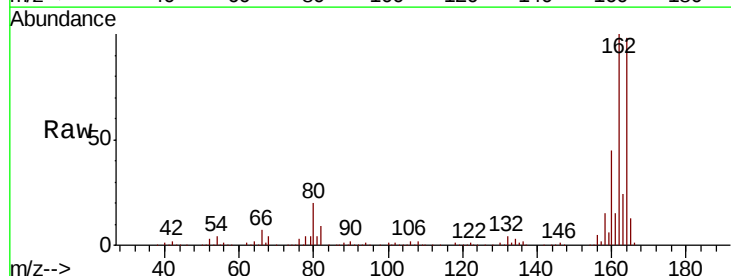


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

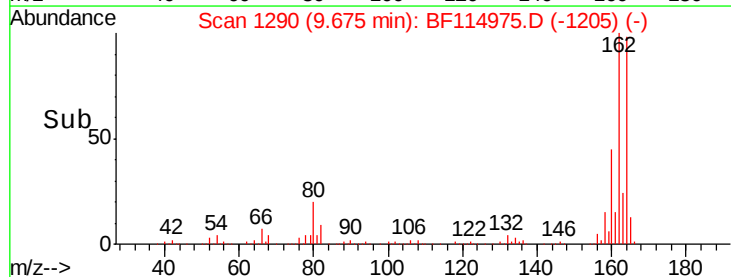
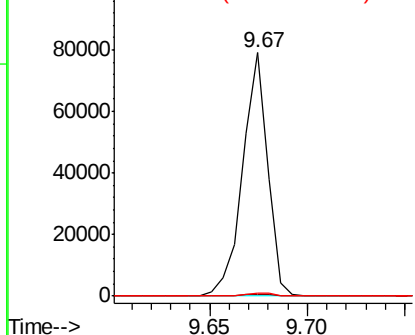


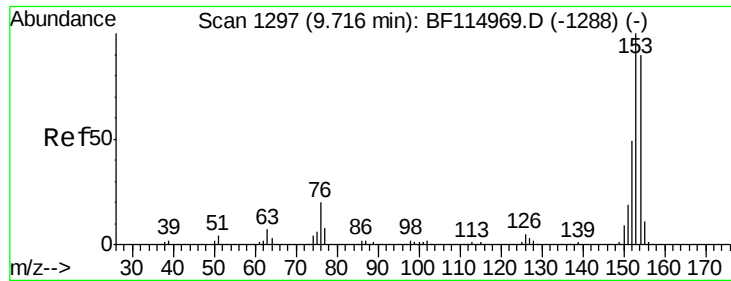
#51
2,6-Dinitrotoluene
Concen: 7.661 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.20 min
Lab File: BF114975.D
Acq: 12 Jun 2019 15:31

Tgt Ion:165 Resp: 70294
Ion Ratio Lower Upper
165 100
63 0.9 30.6 46.0#
89 1.3 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: 0.063 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.04 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

Instrument :

BNA_F

ClientSampleId :

PB120267BL

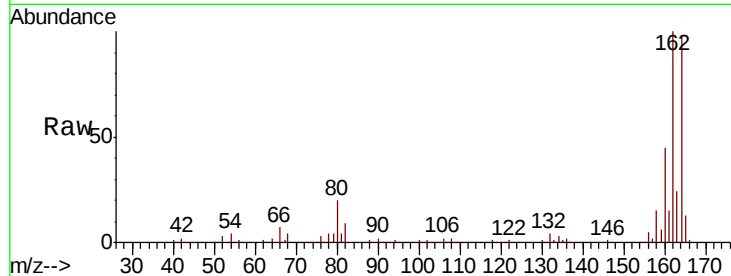
Tgt Ion:154 Resp: 1936

Ion Ratio Lower Upper

154 100

153 0.0 88.5 132.7#

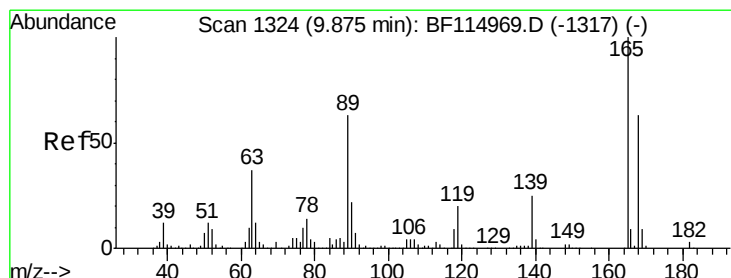
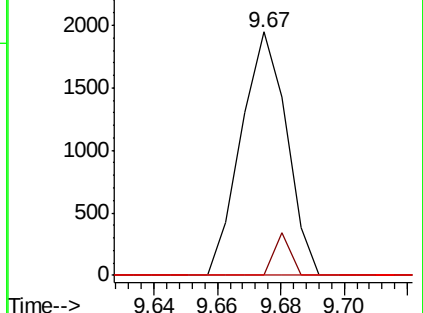
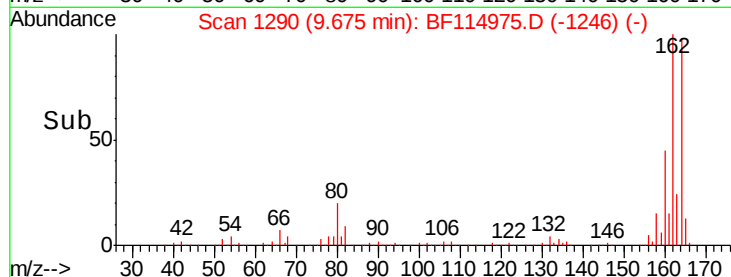
152 0.0 43.6 65.4#



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: 6.019 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.20 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

Tgt Ion:165 Resp: 70294

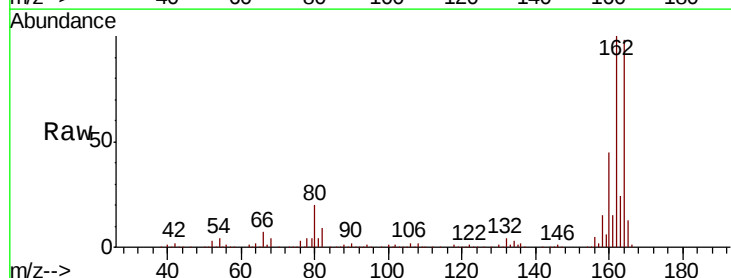
Ion Ratio Lower Upper

165 100

63 0.9 29.4 44.2#

89 1.3 50.6 75.8#

182 0.0 2.2 3.2#

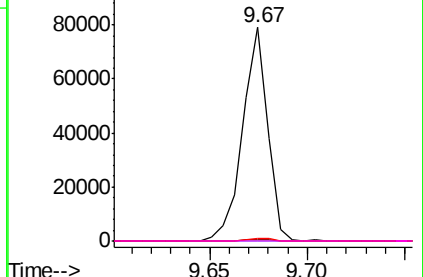
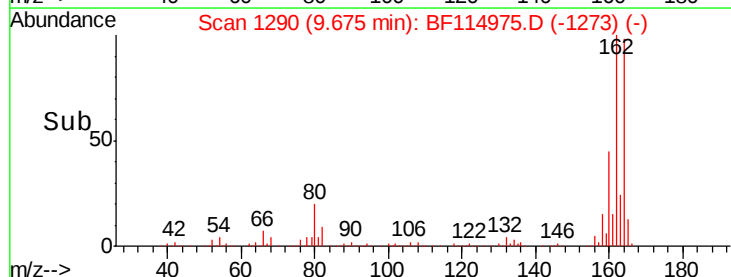


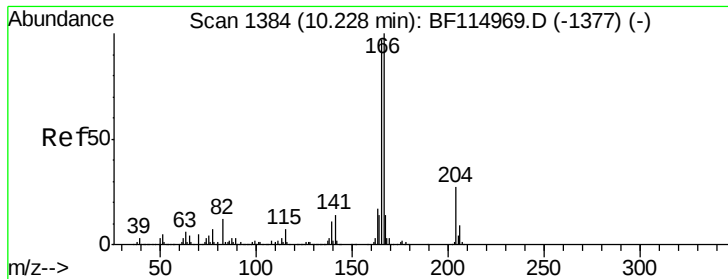
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF114975.D

Acq: 12 Jun 2019 15:31

Instrument :

BNA_F

ClientSampleId :

PB120267BL

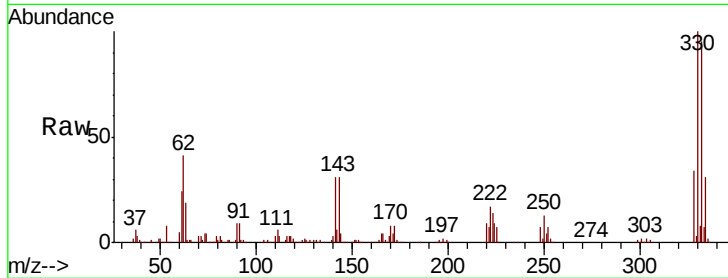
Tgt Ion:166 Resp: 30664

Ion Ratio Lower Upper

166 100

165 104.0 77.6 116.4

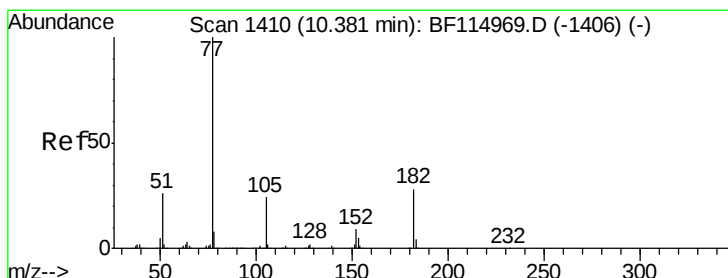
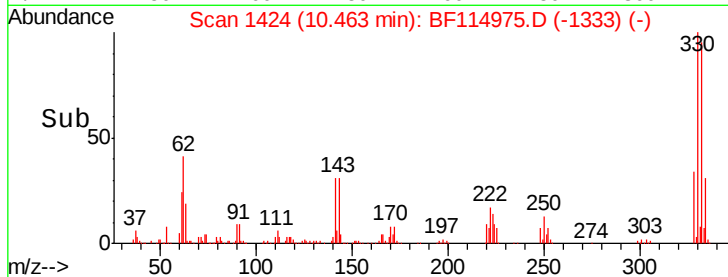
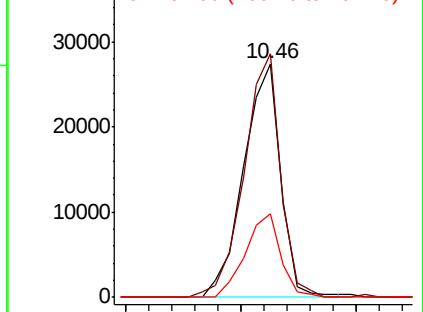
167 36.0 11.0 16.4#



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: 0.093 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.08 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

Tgt Ion: 77 Resp: 3153

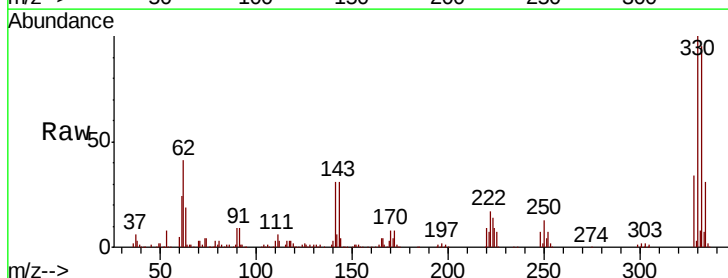
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 95.3 4.2 44.2#

51 79.2 6.2 46.2#

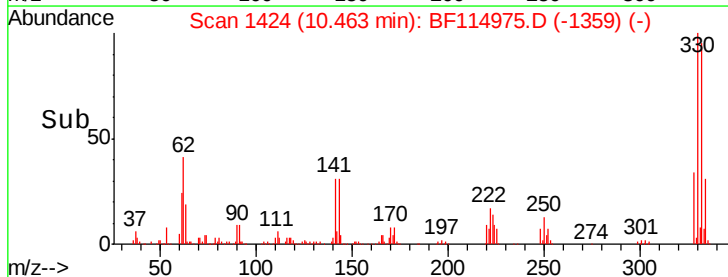
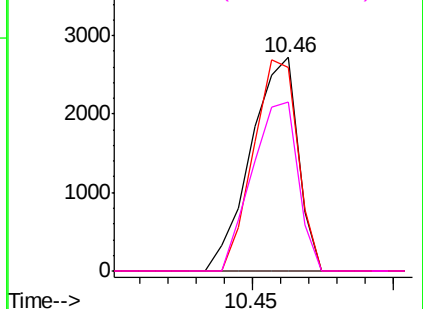


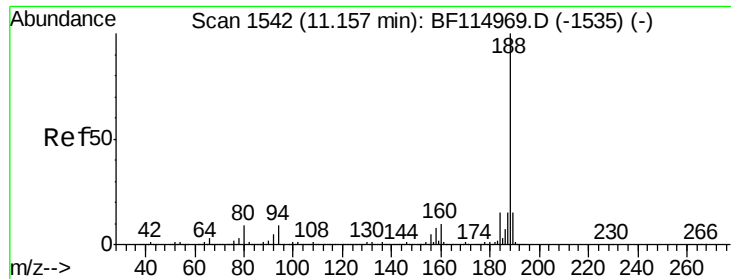
Abundance Ion 77.00 (76.70 to 77.70): BF1

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# 1541

Delta R.T. -0.01 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

Instrument :

BNA_F

ClientSampleId :

PB120267BL

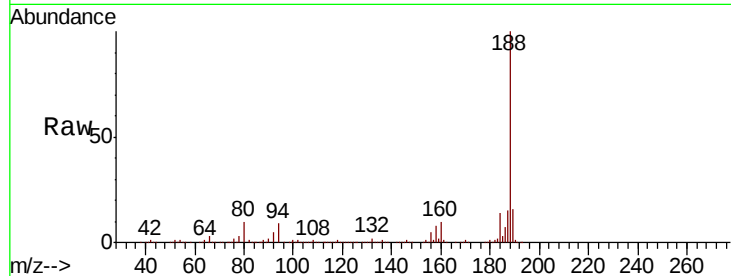
Tgt Ion:188 Resp: 1068671

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

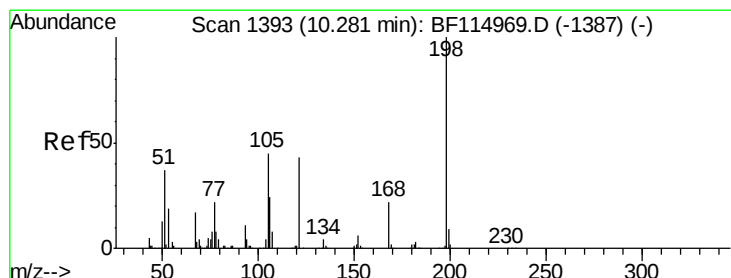
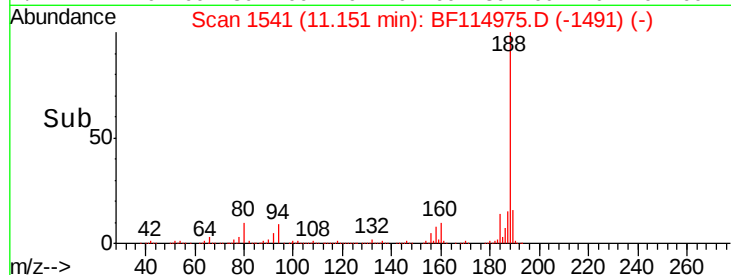
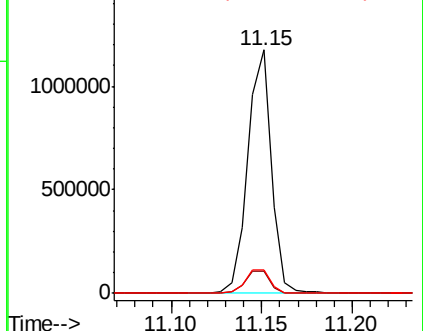
80 9.6 7.4 11.2



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: 0.244 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.18 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

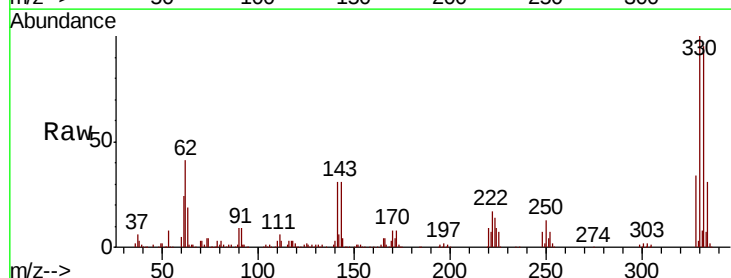
Tgt Ion:198 Resp: 1460

Ion Ratio Lower Upper

198 100

51 131.8 23.0 63.0#

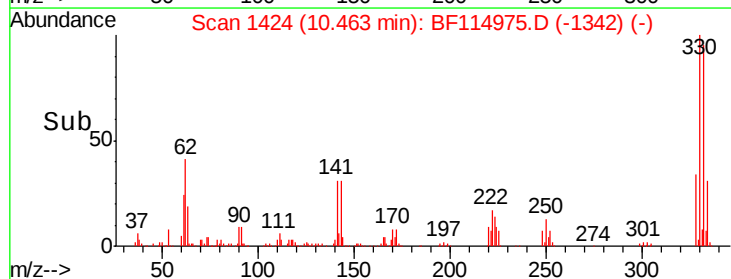
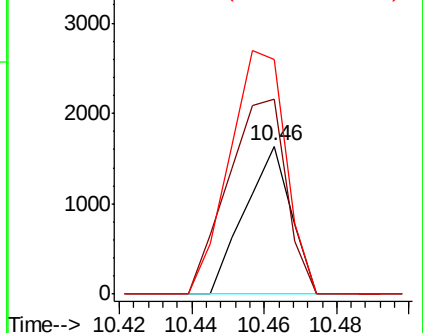
105 158.5 26.5 66.5#

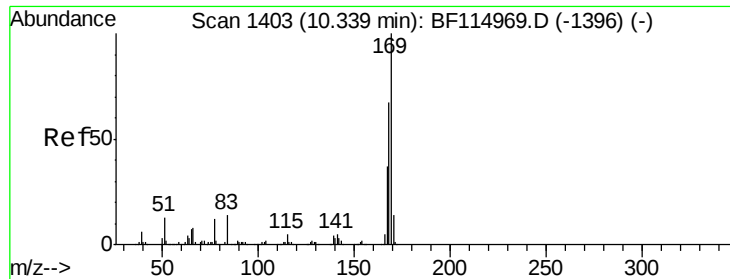


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

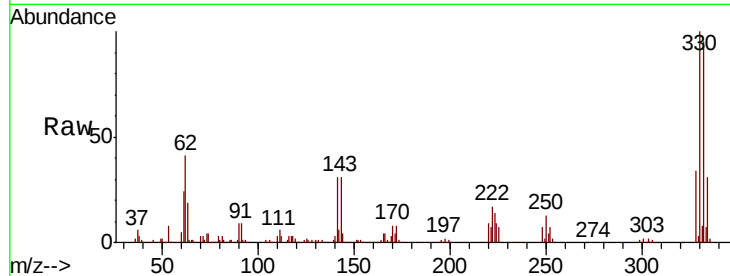




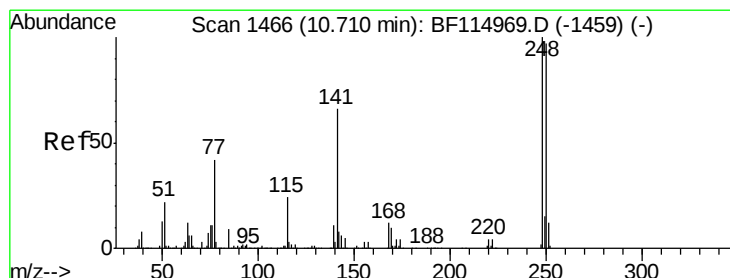
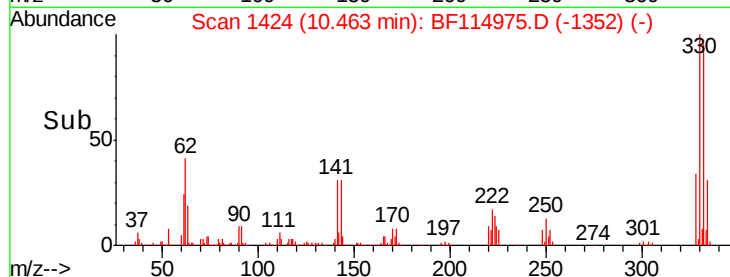
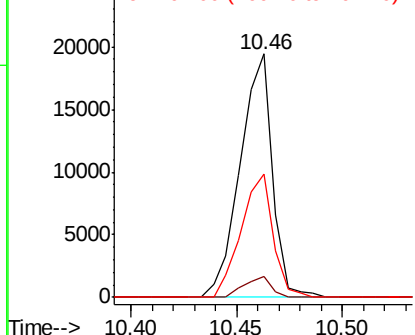
#66
 n-Nitrosodiphenylamine
 Concen: 0.643 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.12 min
 Lab File: BF114975.D
 Acq: 12 Jun 2019 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB120267BL

Tgt Ion:169 Resp: 20536
 Ion Ratio Lower Upper
 169 100
 168 8.5 53.6 80.4#
 167 50.8 29.6 44.4#

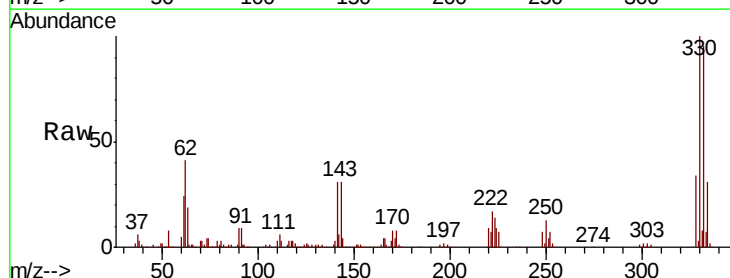


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

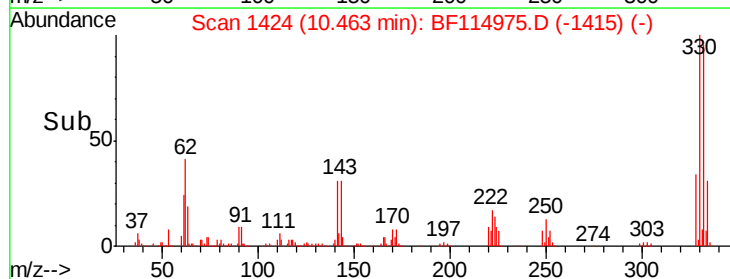
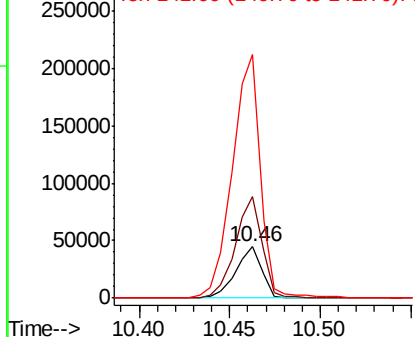


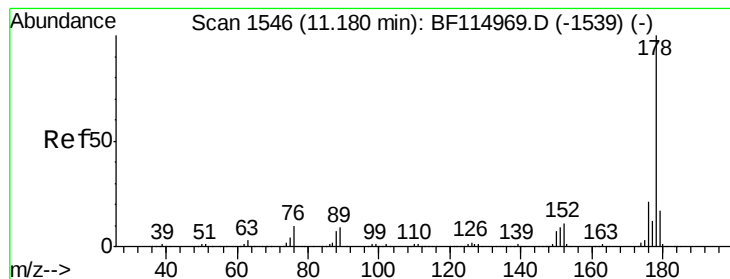
#67
 4-Bromophenyl-phenylether
 Concen: 3.926 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.25 min
 Lab File: BF114975.D
 Acq: 12 Jun 2019 15:31

Tgt Ion:248 Resp: 45047
 Ion Ratio Lower Upper
 248 100
 250 198.7 77.8 116.8#
 141 475.8 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: 0.009 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

Instrument :

BNA_F

ClientSampleId :

PB120267BL

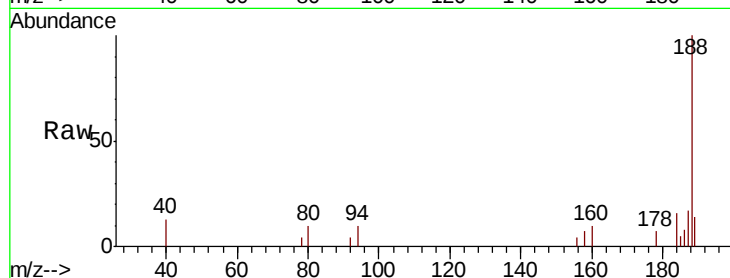
Tgt Ion:178 Resp: 520

Ion Ratio Lower Upper

178 100

176 0.0 16.9 25.3#

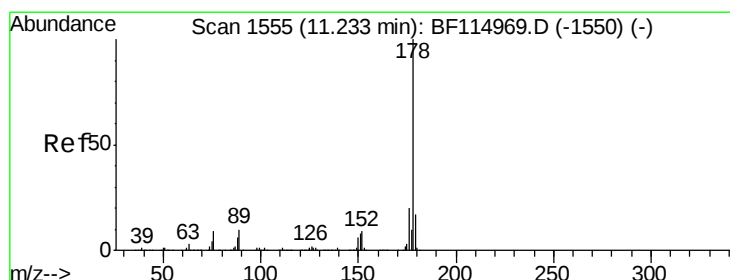
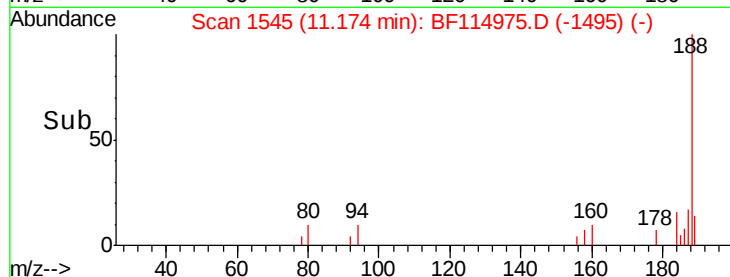
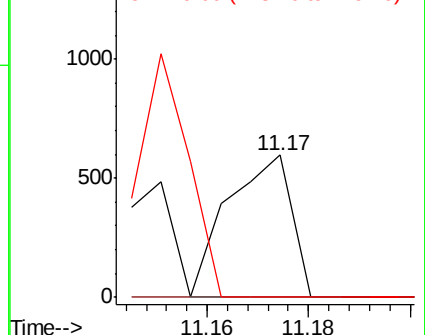
179 0.0 13.4 20.0#



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: 0.004 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

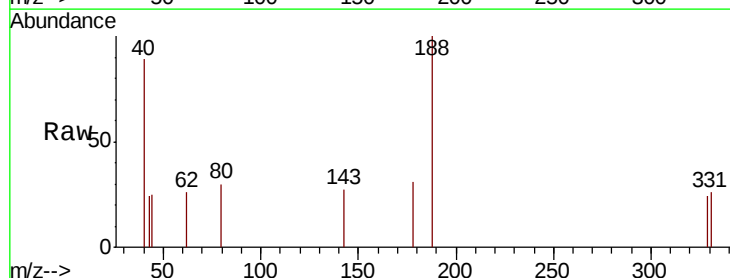
Tgt Ion:178 Resp: 248

Ion Ratio Lower Upper

178 100

176 0.0 16.2 24.4#

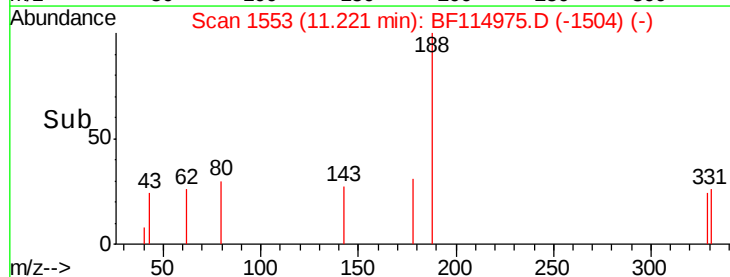
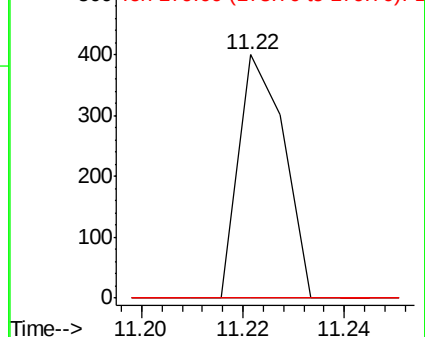
179 0.0 13.2 19.8#

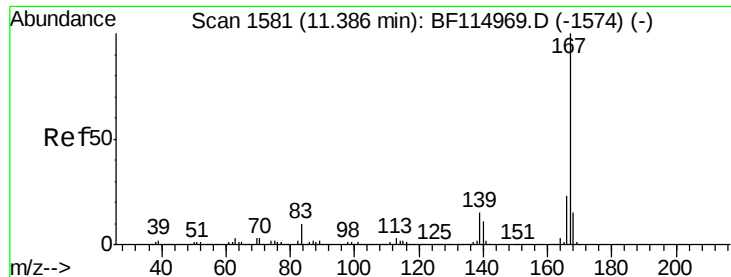


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

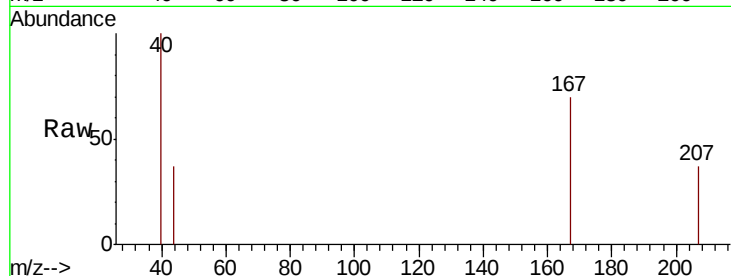




#73
 Carbazole
 Concen: 0.010 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BF114975.D
 Acq: 12 Jun 2019 15:31

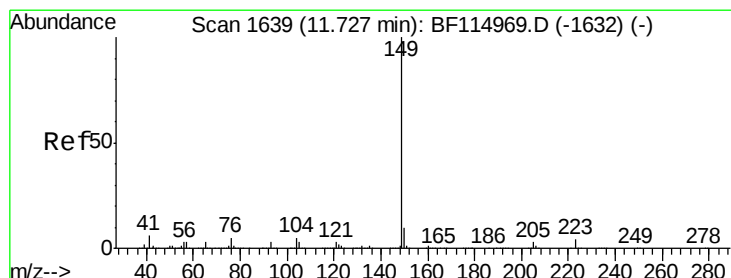
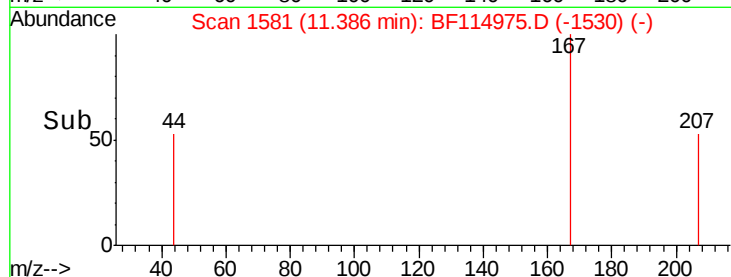
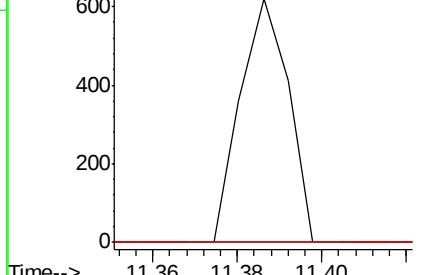
Instrument :
 BNA_F
 ClientSampleId :
 PB120267BL

Tgt Ion:167 Resp: 491
 Ion Ratio Lower Upper
 167 100
 166 0.0 18.5 27.7#
 139 0.0 12.0 18.0#



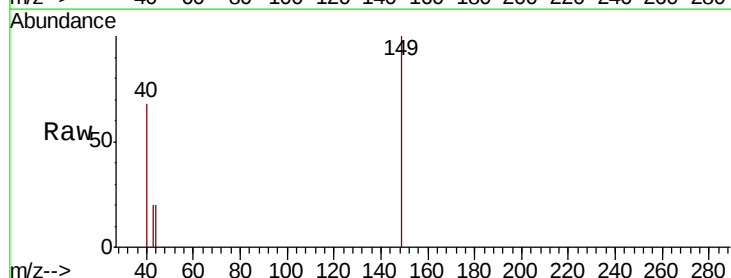
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

11.39



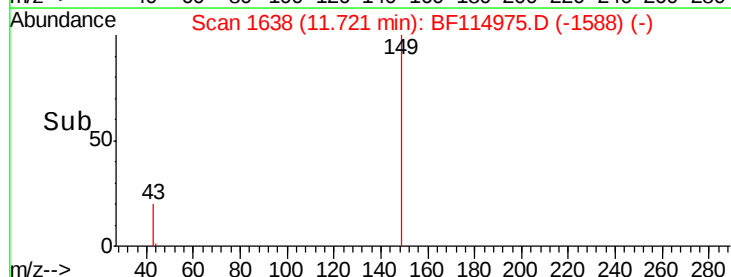
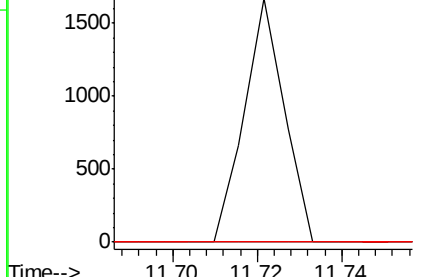
#74
 Di-n-butylphthalate
 Concen: 0.018 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. -0.01 min
 Lab File: BF114975.D
 Acq: 12 Jun 2019 15:31

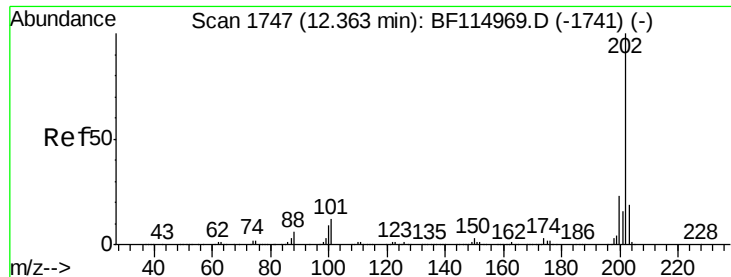
Tgt Ion:149 Resp: 1097
 Ion Ratio Lower Upper
 149 100
 150 0.0 8.1 12.1#
 104 0.0 4.0 6.0#



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

11.72





#75

Fluoranthene

Concen: 0.021 ng

RT: 12.35 min Scan# 1745

Delta R.T. -0.01 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

Instrument :

BNA_F

ClientSampled :

PB120267BL

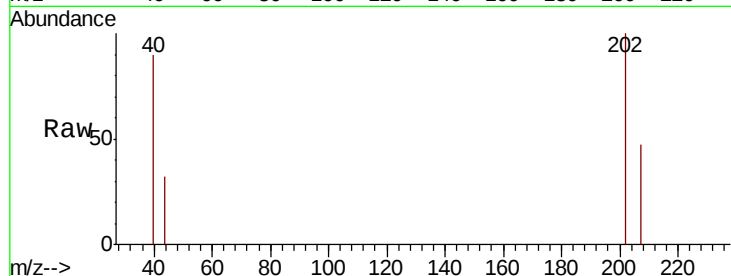
Tgt Ion: 202 Resp: 1187

Ion Ratio Lower Upper

202 100

101 0.0 0.0 32.4

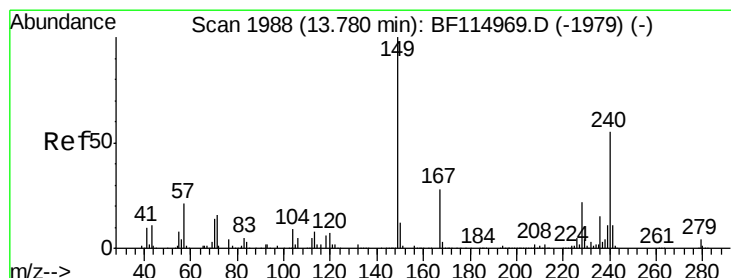
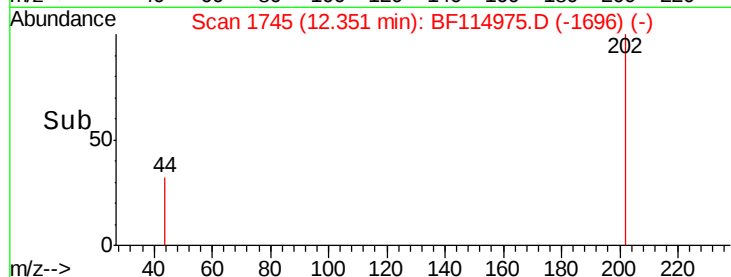
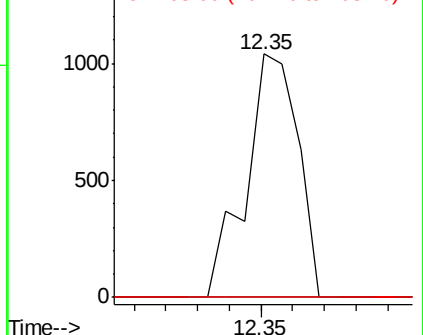
203 0.0 0.0 38.6



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: BF114975.D

Acq: 12 Jun 2019 15:31

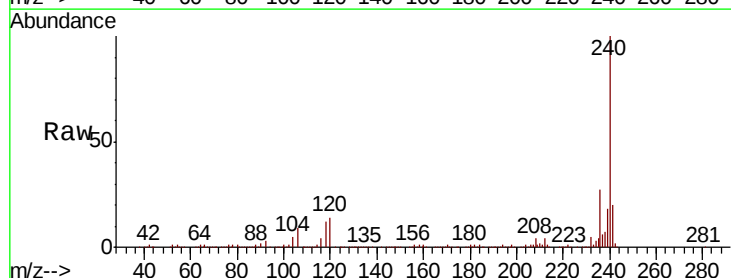
Tgt Ion: 240 Resp: 815113

Ion Ratio Lower Upper

240 100

120 13.9 10.0 15.0

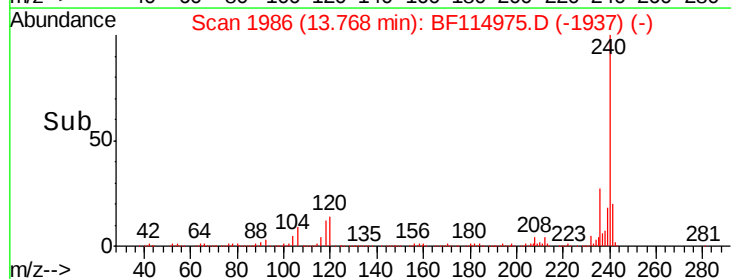
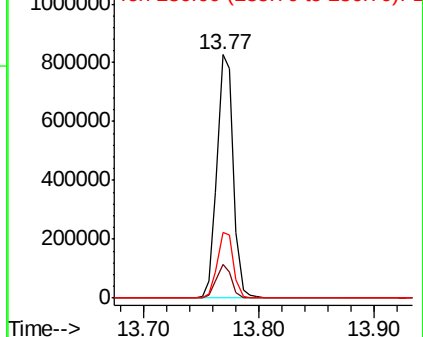
236 27.1 21.6 32.4

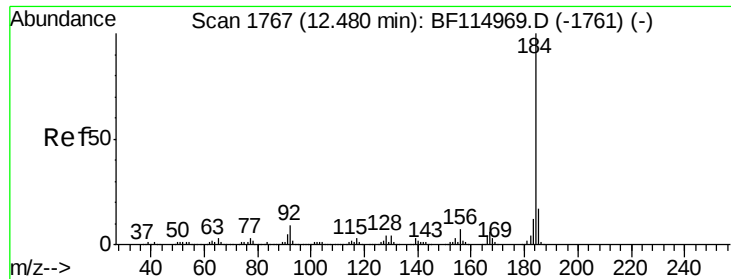


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.189 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.26 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

Instrument :

BNA_F

ClientSampleId :

PB120267BL

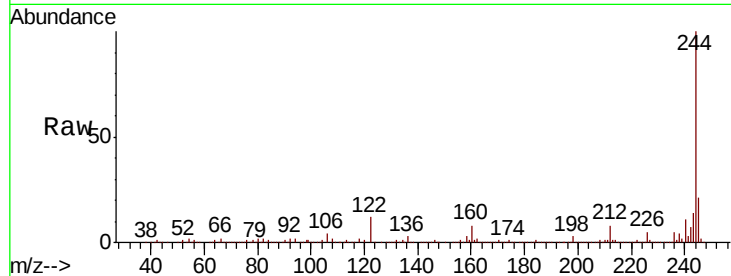
Tgt Ion:184 Resp: 39209

Ion Ratio Lower Upper

184 100

185 17.1 13.4 20.0

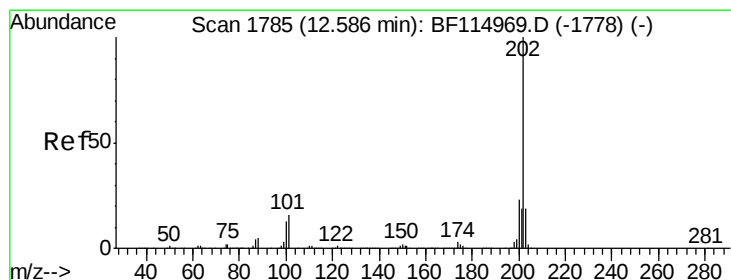
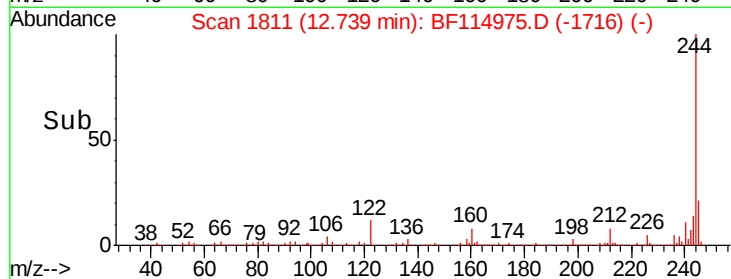
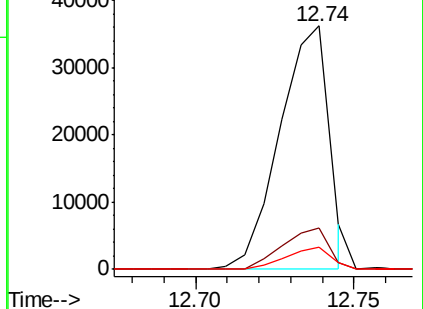
183 9.2 9.8 14.6#



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: 0.014 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

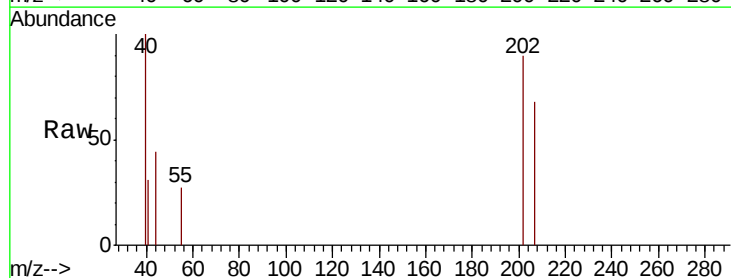
Tgt Ion:202 Resp: 1022

Ion Ratio Lower Upper

202 100

200 0.0 18.4 27.6#

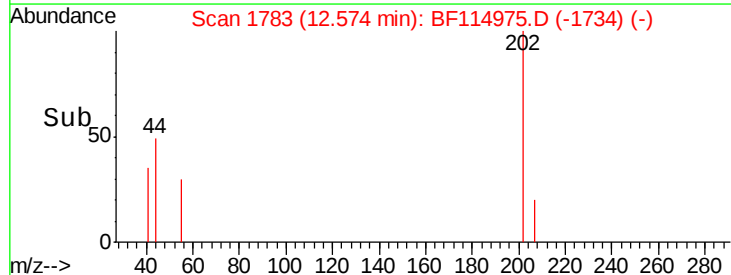
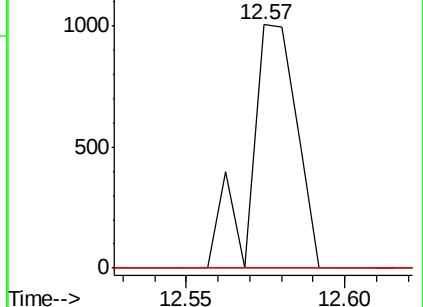
203 0.0 14.9 22.3#

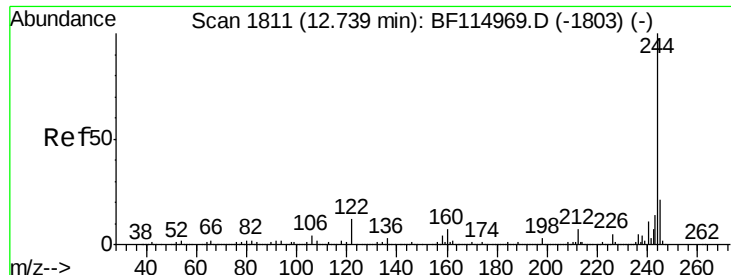


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 67.643 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

Instrument :

BNA_F

ClientSampleId :

PB120267BL

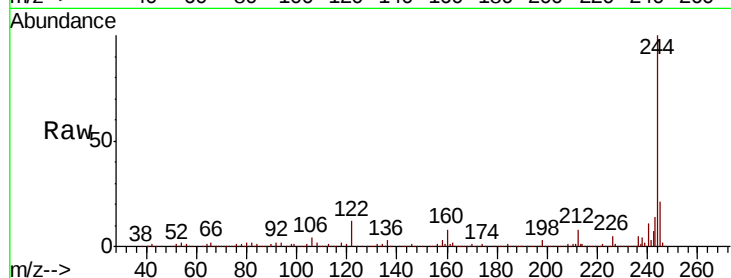
Tgt Ion:244 Resp: 2931427

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

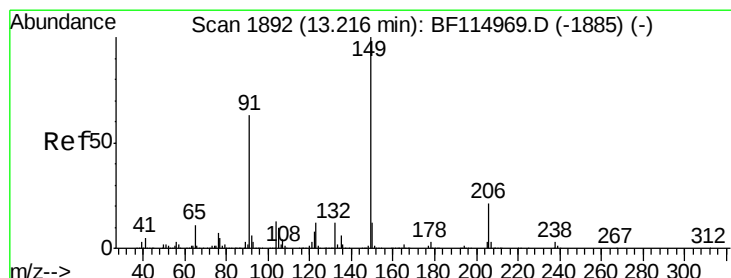
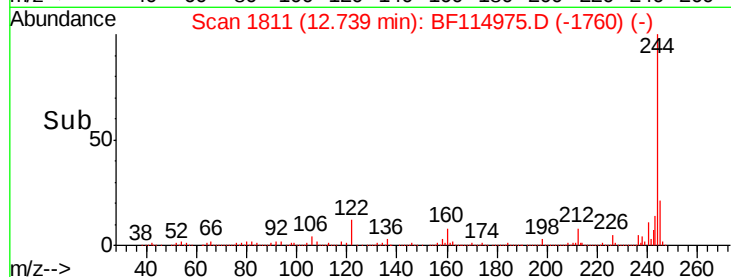
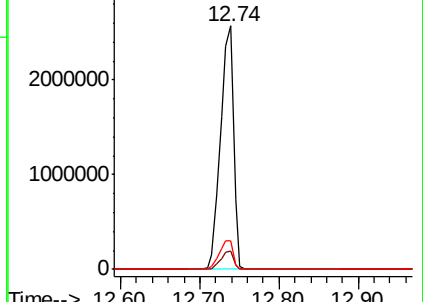
122 11.7 9.4 14.0



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



#80

Butylbenzylphthalate

Concen: 0.016 ng

RT: 13.20 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

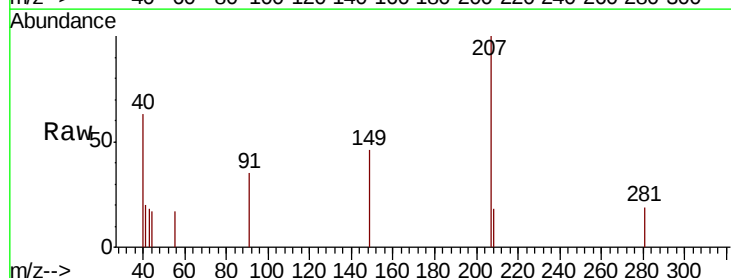
Tgt Ion:149 Resp: 545

Ion Ratio Lower Upper

149 100

91 76.4 50.6 76.0#

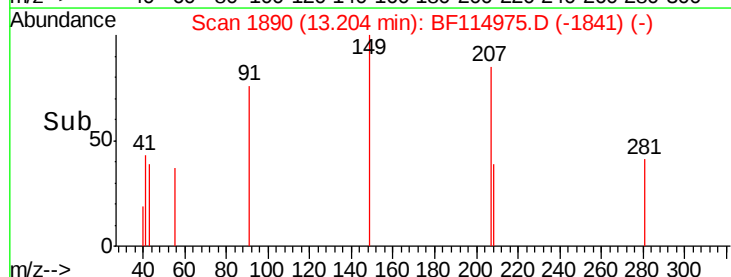
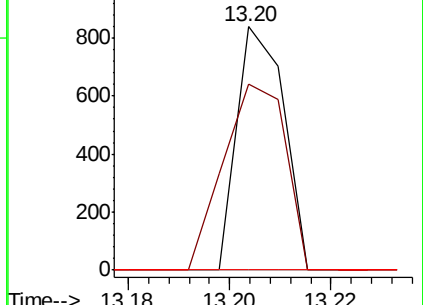
206 0.0 16.7 25.1#

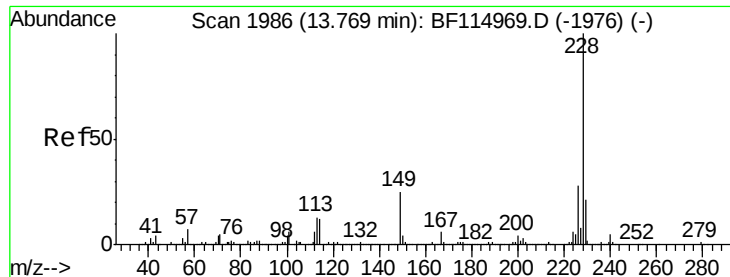


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.023 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.02 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

Instrument :

BNA_F

ClientSampleId :

PB120267BL

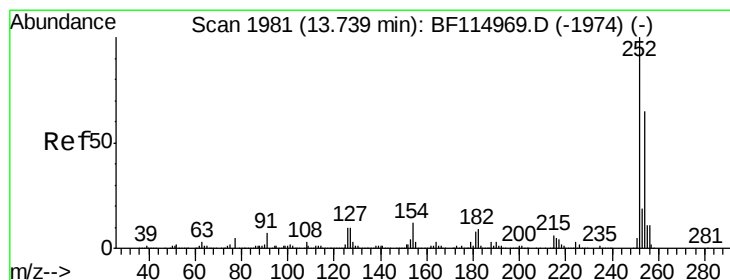
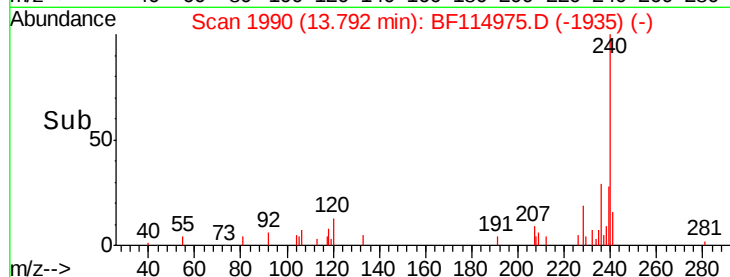
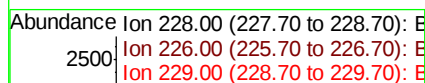
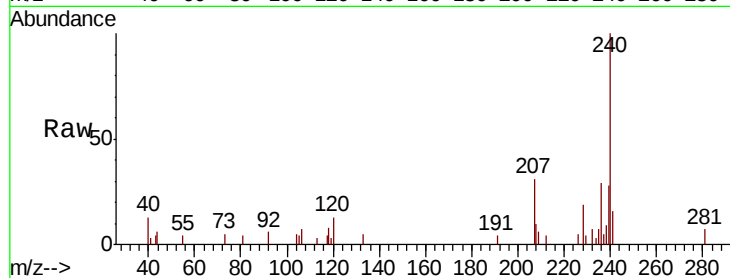
Tgt Ion:228 Resp: 1393

Ion Ratio Lower Upper

228 100

226 28.4 22.0 33.0

229 19.4 16.6 25.0



#82

3,3'-Dichlorobenzidine

Concen: 0.020 ng

RT: 13.73 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

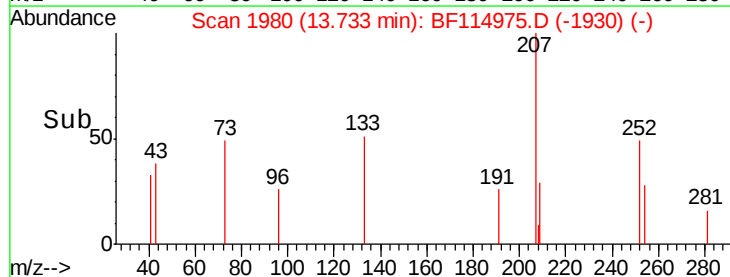
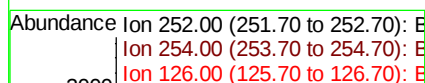
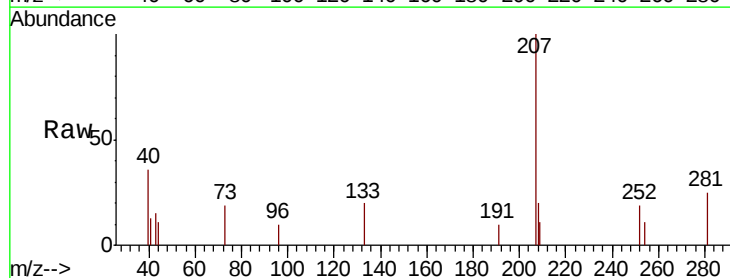
Tgt Ion:252 Resp: 462

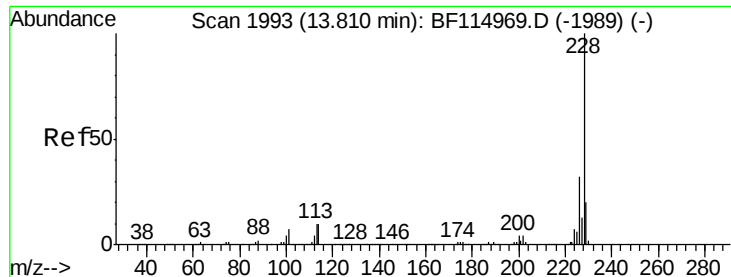
Ion Ratio Lower Upper

252 100

254 57.7 52.2 78.4

126 0.0 8.0 12.0#





#83

Chrysene

Concen: 0.023 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.02 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

Instrument :

BNA_F

ClientSampleId :

PB120267BL

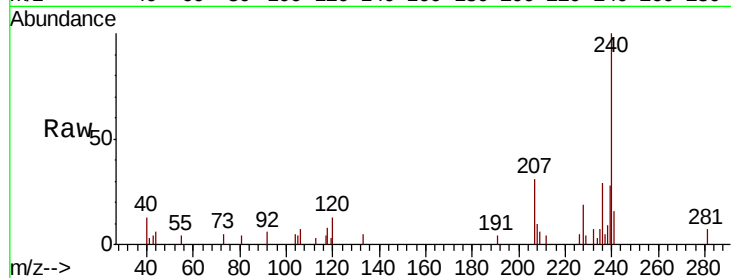
Tgt Ion:228 Resp: 1393

Ion Ratio Lower Upper

228 100

226 28.4 25.4 38.0

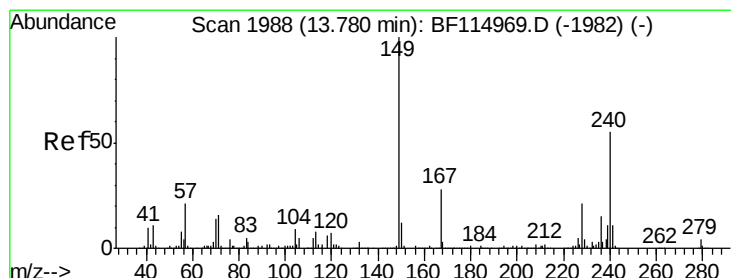
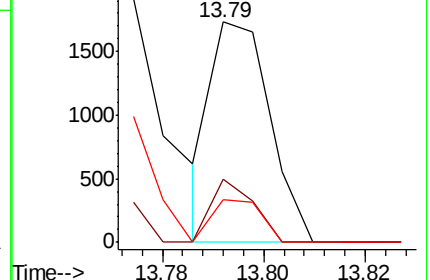
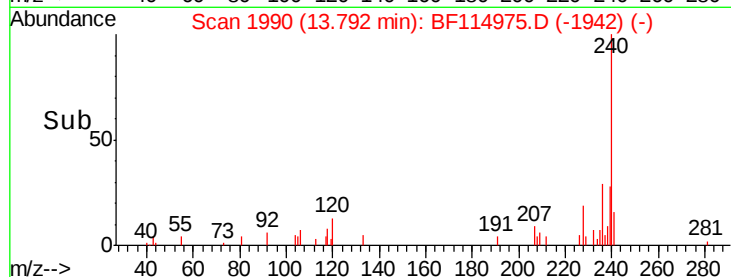
229 19.4 16.4 24.6



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: 0.040 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

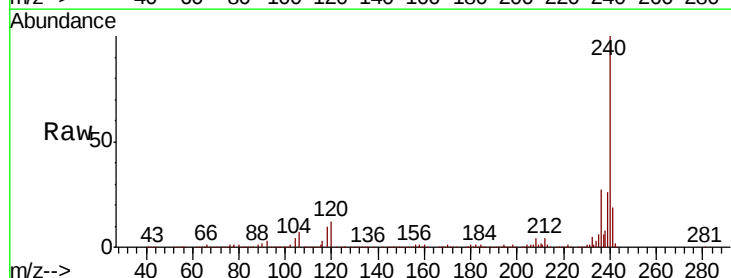
Tgt Ion:149 Resp: 1647

Ion Ratio Lower Upper

149 100

167 42.6 22.2 33.4#

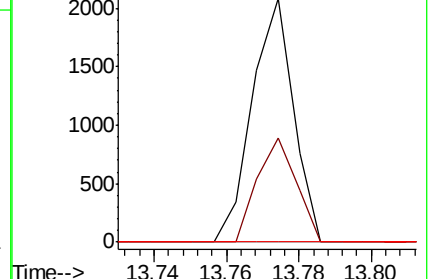
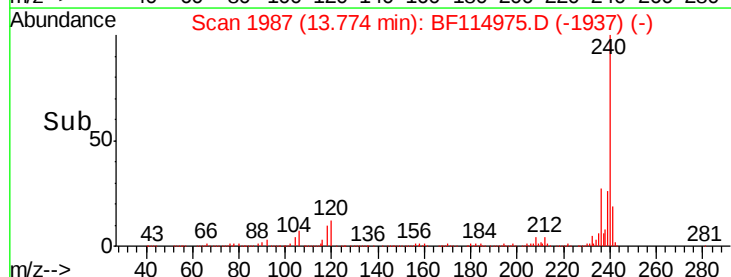
279 0.0 3.4 5.0#

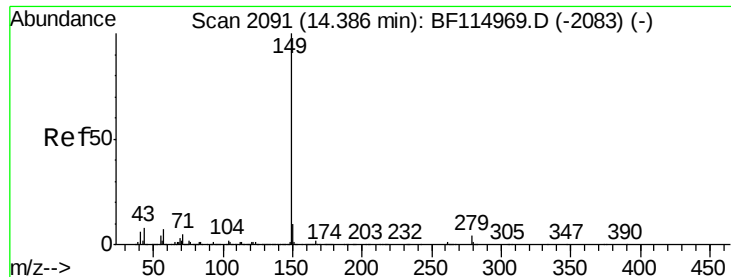


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.036 ng

RT: 14.39 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

Instrument :

BNA_F

ClientSampleId :

PB120267BL

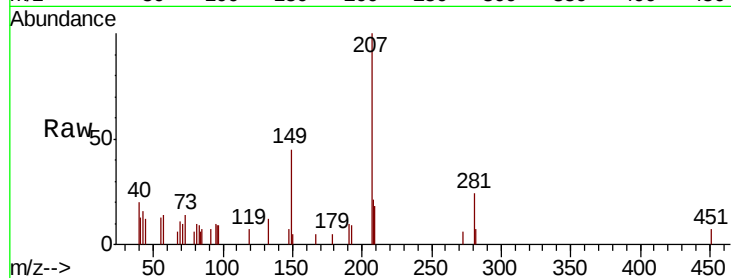
Tgt Ion:149 Resp: 2554

Ion Ratio Lower Upper

149 100

167 9.6 1.3 1.9#

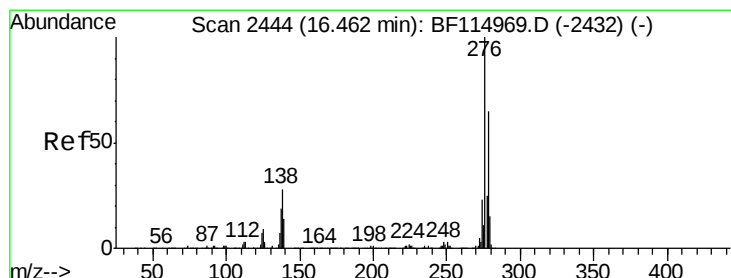
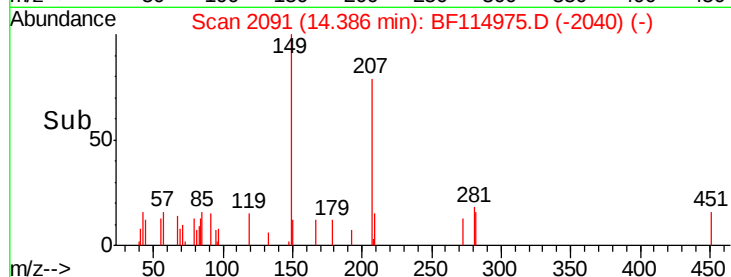
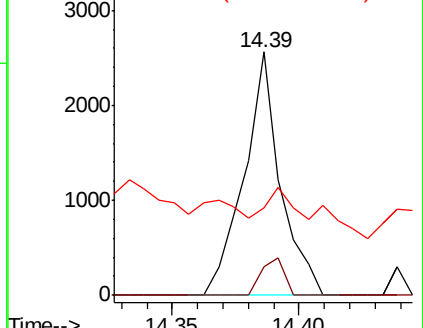
43 27.6 6.5 9.7#



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 0.040 ng

RT: 16.47 min Scan# 2445

Delta R.T. 0.01 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

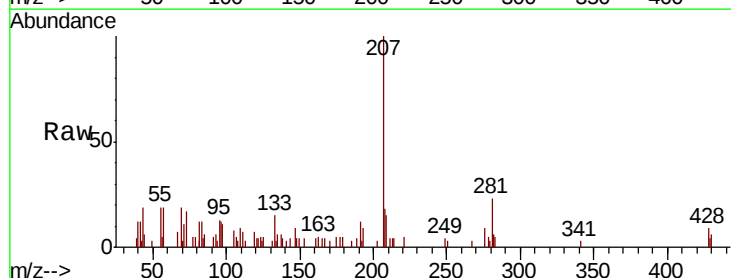
Tgt Ion:276 Resp: 2135

Ion Ratio Lower Upper

276 100

138 20.8 23.0 34.4#

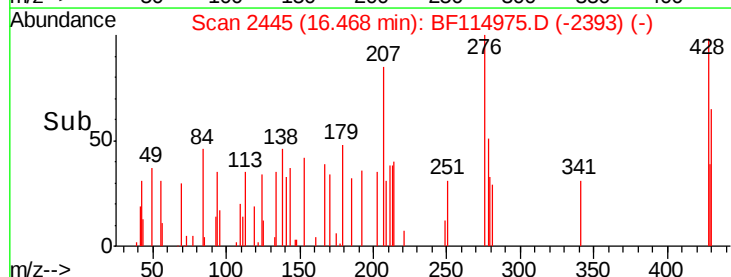
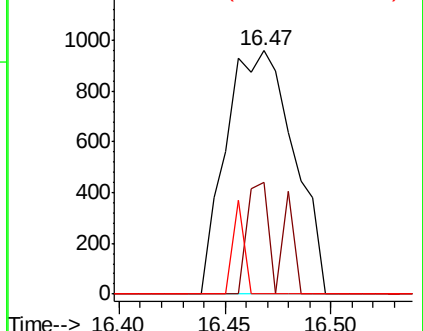
277 6.1 20.6 30.8#

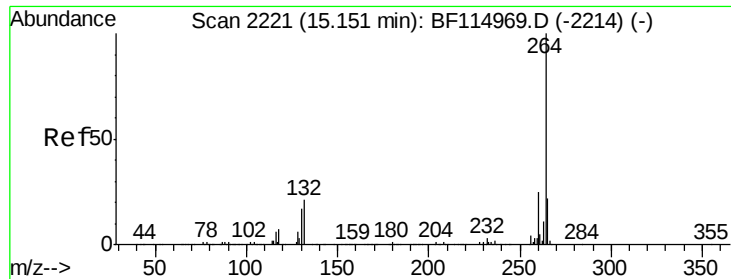


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

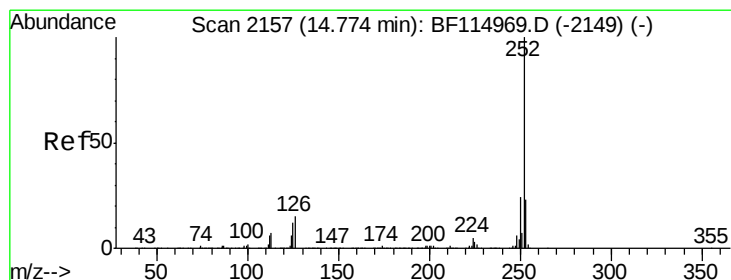
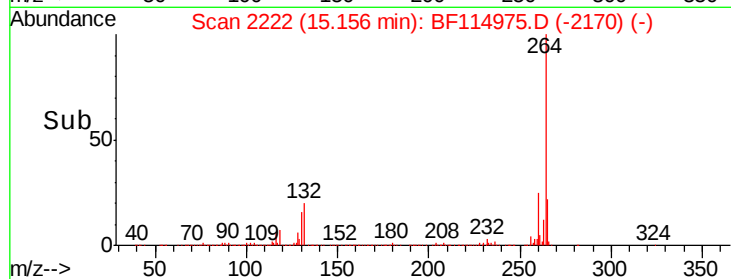
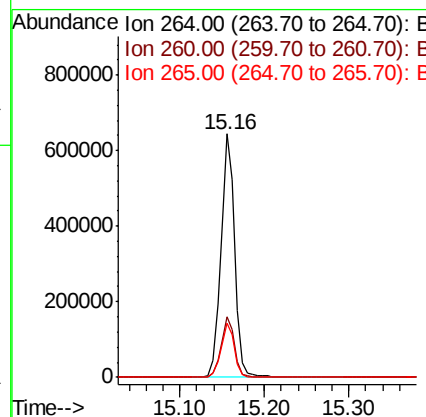
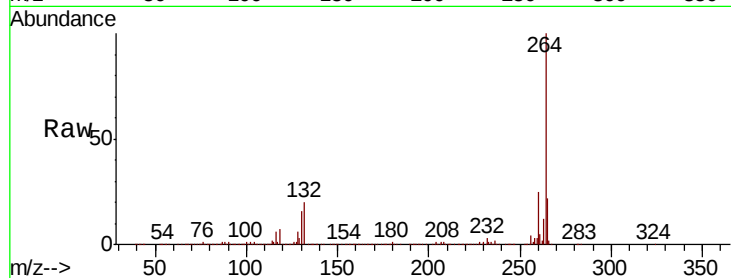




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.01 min
Lab File: BF114975.D
Acq: 12 Jun 2019 15:31

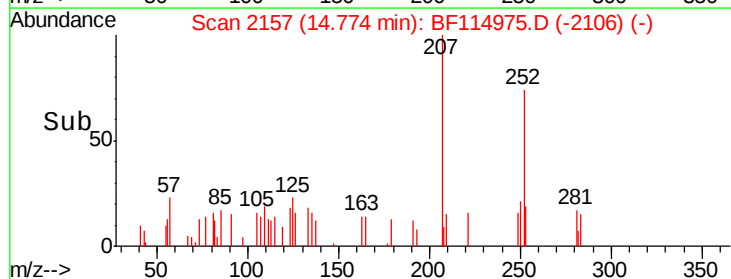
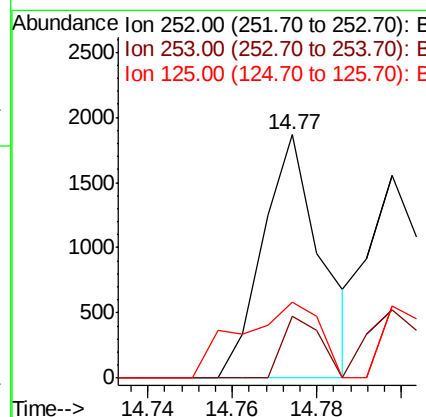
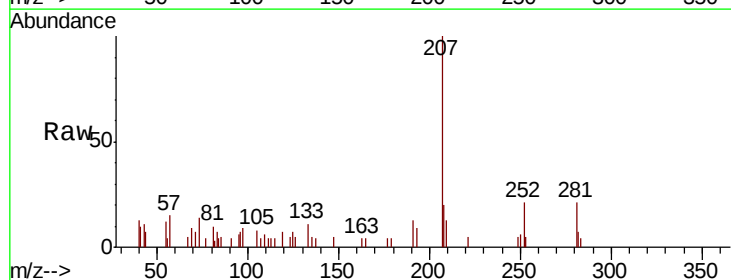
Instrument :
BNA_F
ClientSampleId :
PB120267BL

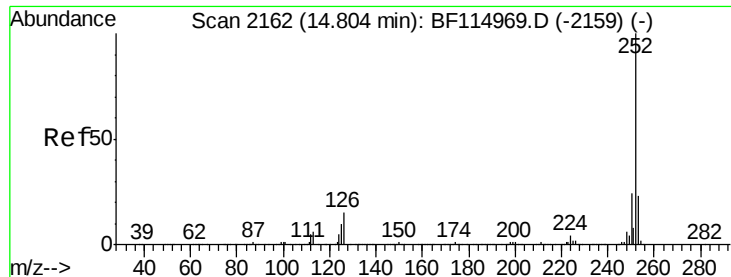
Tgt Ion:264 Resp: 749604
Ion Ratio Lower Upper
264 100
260 24.7 19.9 29.9
265 22.4 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 0.036 ng
RT: 14.77 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BF114975.D
Acq: 12 Jun 2019 15:31

Tgt Ion:252 Resp: 1801
Ion Ratio Lower Upper
252 100
253 25.2 18.1 27.1
125 31.1 9.4 14.0#

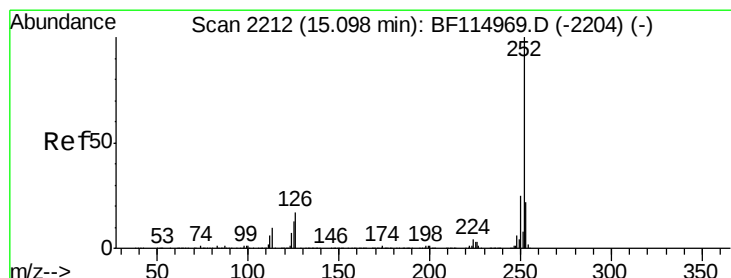
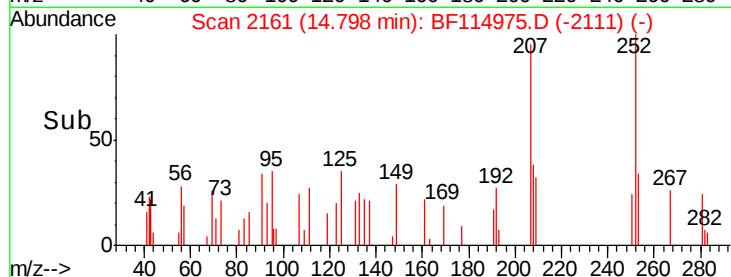
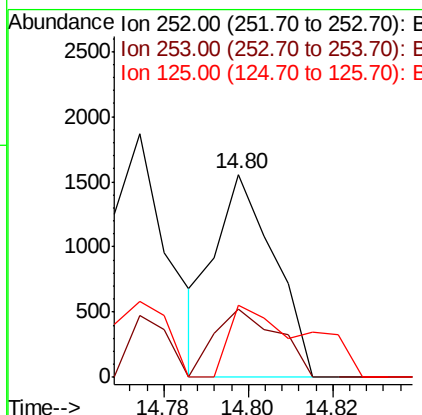
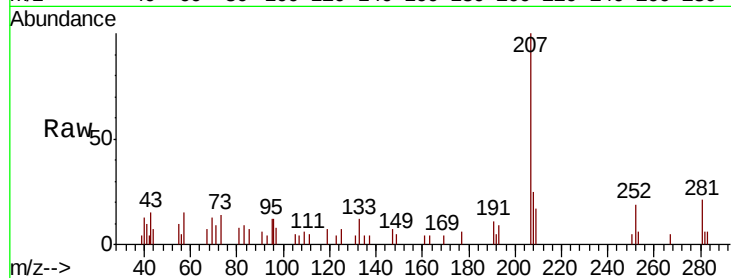




#89
Benzo(k)fluoranthene
Concen: 0.035 ng
RT: 14.80 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BF114975.D
Acq: 12 Jun 2019 15:31

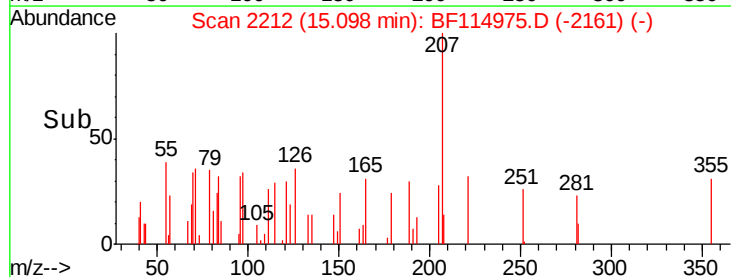
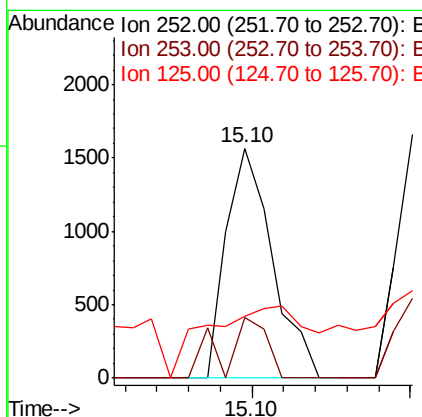
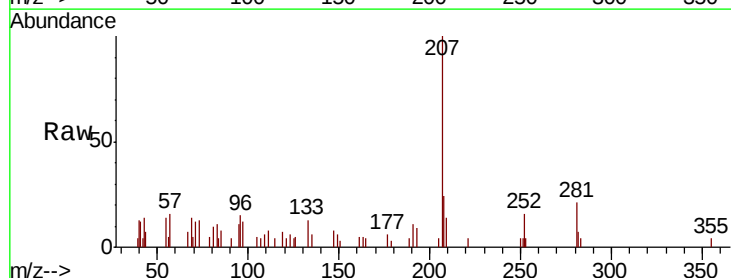
Instrument :
BNA_F
ClientSampleId :
PB120267BL

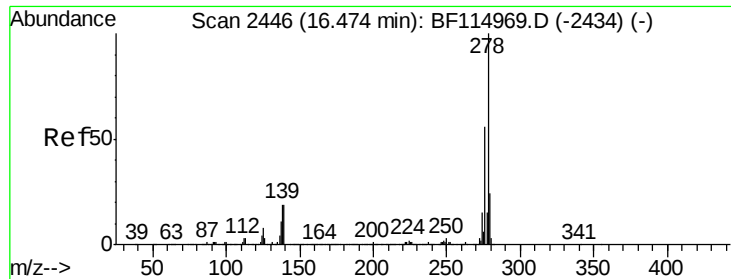
Tgt Ion: 252 Resp: 1510
Ion Ratio Lower Upper
252 100
253 33.8 18.0 27.0#
125 35.4 8.2 12.4#



#90
Benzo(a)pyrene
Concen: 0.037 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF114975.D
Acq: 12 Jun 2019 15:31

Tgt Ion: 252 Resp: 1578
Ion Ratio Lower Upper
252 100
253 26.4 17.8 26.8
125 26.8 10.7 16.1#





#91

Dibenzo(a,h)anthracene

Concen: 0.035 ng

RT: 16.48 min Scan# 2447

Delta R.T. 0.01 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

Instrument :

BNA_F

ClientSampleId :

PB120267BL

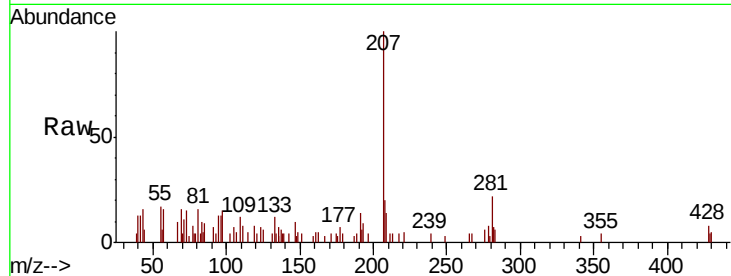
Tgt Ion:278 Resp: 1281

Ion Ratio Lower Upper

278 100

139 45.2 15.3 22.9#

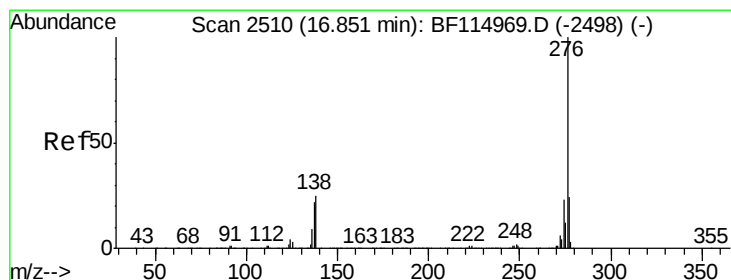
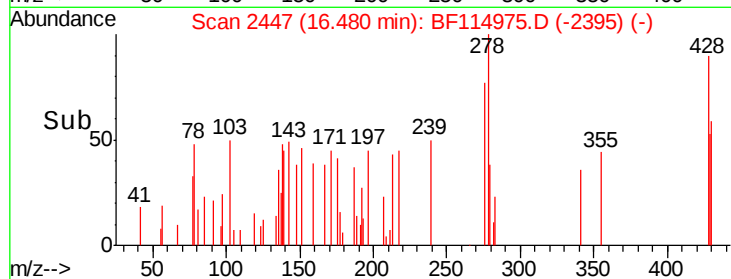
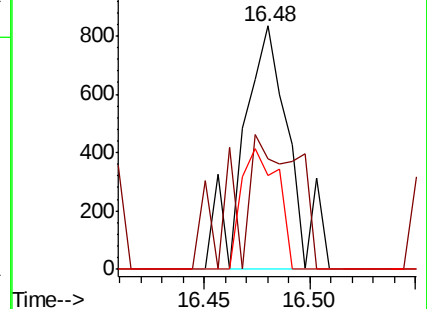
279 38.4 19.2 28.8#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 0.046 ng

RT: 16.85 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

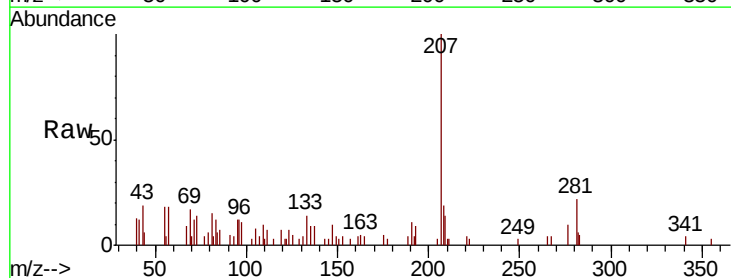
Tgt Ion:276 Resp: 1741

Ion Ratio Lower Upper

276 100

277 0.0 18.8 28.2#

138 0.0 20.2 30.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

