

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
 Data File : BF114941.D
 Acq On : 11 Jun 2019 12:59
 Operator : HP/JU
 Sample : KK3214-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 11 13:33:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 16:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	200265	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	385230	20.00	ng	0.11
39) Acenaphthene-d10	9.80	164	41147	20.00	ng	0.11
64) Phenanthrene-d10	11.19	188	677021	20.00	ng	0.02
76) Chrysene-d12	13.80	240	582714	20.00	ng	0.00
87) Perylene-d12	15.19	264	657543	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	64903	5.48	ng	-0.04
7) Phenol-d6	6.40	99	579813	40.62	ng	0.09
23) Nitrobenzene-d5	7.30	82	772172	123.16	ng	0.07
42) 2,4,6-Tribromophenol	10.52	330	518124	1157.56	ng	0.04
45) 2-Fluorobiphenyl	9.07	172	1525643	588.45	ng	0.05
79) Terphenyl-d14	12.76	244	2312749	78.93	ng	0.01

Target Compounds				Qvalue		
3) Pyridine	2.97	79	171264	10.957	ng	98
6) Aniline	6.35	93	2216091	114.623	ng	# 83
9) Benzaldehyde	6.20	77	483229	52.898	ng	# 1
10) Phenol	6.35	94	172808	10.858	ng	# 1
11) bis(2-Chloroethyl)ether	6.35	93	2216091	174.710	ng	# 31
12) 1,3-Dichlorobenzene	6.69	146	41489	2.647	ng	# 88
13) 1,4-Dichlorobenzene	6.69	146	41489	2.640	ng	# 1
15) Benzyl Alcohol	6.81	79	101701	9.875	ng	# 55
17) 2-Methylphenol	6.99	107	675097	59.701	ng	# 88
18) Hexachloroethane	7.21	117	273750	47.261	ng	# 32
19) n-Nitroso-di-n-propylamine	6.92	70	30869	3.459	ng	# 1
20) 3+4-Methylphenols	6.99	107	675097	53.320	ng	# 89
22) Acetophenone	7.15	105	37211	4.315	ng	# 1
24) Nitrobenzene	7.34	77	439765	67.425	ng	# 45
26) 2-Nitrophenol	7.66	139	16827	4.644	ng	# 1
27) 2,4-Dimethylphenol	7.79	122	8134186	1534.044	ng	# 94
28) bis(2-Chloroethoxy)methane	7.77	93	173672	22.112	ng	# 1
31) Naphthalene	8.05	128	14585319	821.683	ng	# 94
32) Benzoic acid	7.79	122	8134186	2053.699	ng	# 25
33) 4-Chloroaniline	8.05	127	2381966	284.361	ng	# 50
35) Caprolactam	8.61	113	5755	3.077	ng	# 1
36) 4-Chloro-3-methylphenol	8.60	107	614057	108.876	ng	# 18
37) 2-Methylnaphthalene	8.74	142	3972853	329.365	ng	# 93
38) 1-Methylnaphthalene	8.85	142	4160817	364.725	ng	# 100
46) 1,1'-Biphenyl	9.18	154	2030413	659.576	ng	# 98
47) 2-Chloronaphthalene	9.25	162	110526	42.532	ng	# 60
48) 2-Nitroaniline	9.37	65	406517	513.922	ng	# 15
49) Acenaphthylene	9.65	152	68657	17.929	ng	# 1
50) Dimethylphthalate	9.53	163	49892	16.133	ng	# 1
51) 2,6-Dinitrotoluene	9.58	165	3043	4.284	ng	# 1
52) Acenaphthene	9.78	154	2039772	879.223	ng	# 99
53) 3-Nitroaniline	9.76	138	7643	8.961	ng	# 1
54) 2,4-Dinitrophenol	9.90	184	120062	341.510	ng	# 1
55) Dibenzofuran	9.95	168	1998281	603.395	ng	# 96

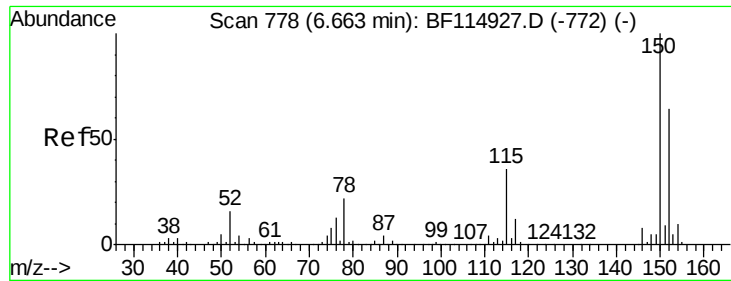
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
 Data File : BF114941.D
 Acq On : 11 Jun 2019 12:59
 Operator : HP/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 16:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) 4-Nitrophenol	9.95	139	844658	1389.460	nq	# 23
57) 2,4-Dinitrotoluene	10.04	165	44325	49.368	nq	# 57
58) Fluorene	10.27	166	1012543	396.632	nq	99
60) Diethylphthalate	10.19	149	17250	5.739	nq	# 33
62) 4-Nitroaniline	10.56	138	11186	12.797	nq	88
63) Azobenzene	10.50	77	158520	60.593	nq	# 48
65) 4,6-Dinitro-2-methylphenol	10.35	198	55812	14.700	nq	# 70
67) 4-Bromophenyl-phenylether	10.52	248	32272	4.401	nq	# 1
69) Atrazine	10.86	200	30752	4.537	nq	# 1
71) Phenanthrene	11.21	178	1029460	31.341	nq	98
72) Anthracene	11.21	178	1029460	30.878	nq	99
73) Carbazole	11.43	167	884551	29.141	nq	97
75) Fluoranthene	12.38	202	89784	2.643	nq	91

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

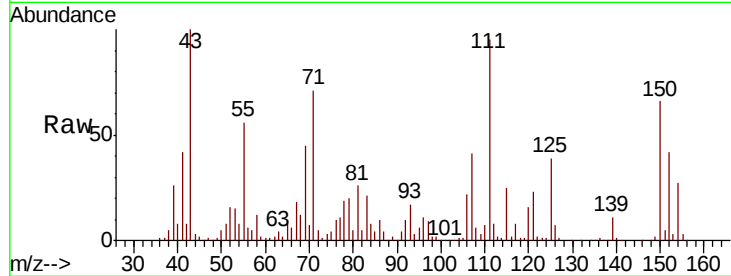


#1

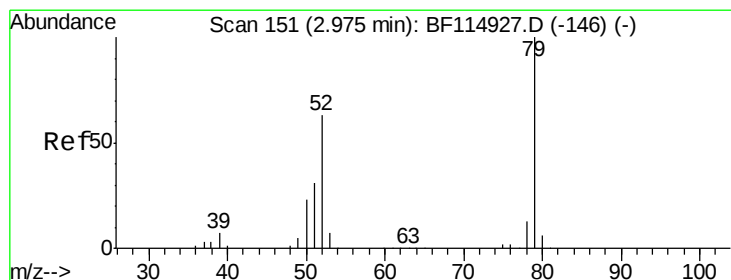
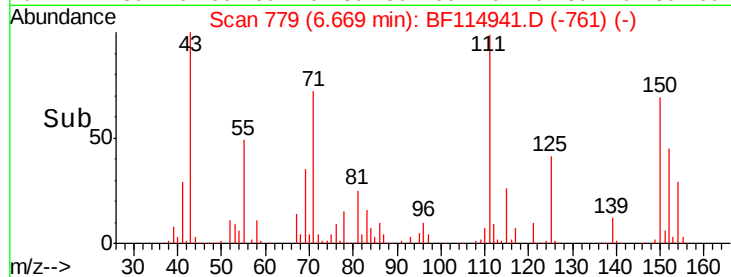
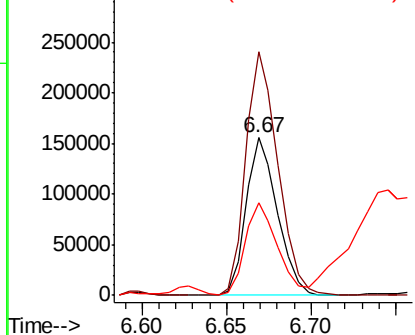
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.01 min
Lab File: BF114941.D
Acq: 11 Jun 2019 12:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 200265
Ion Ratio Lower Upper
152 100
150 154.8 125.2 187.8
115 59.1 45.0 67.4



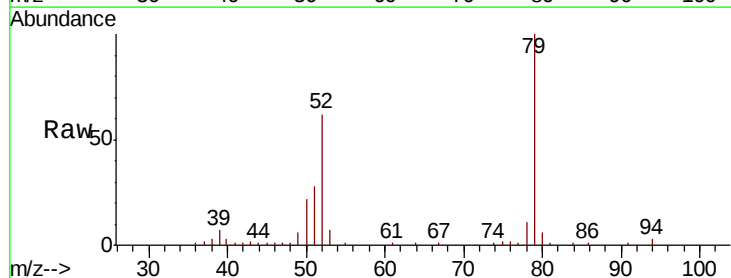
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



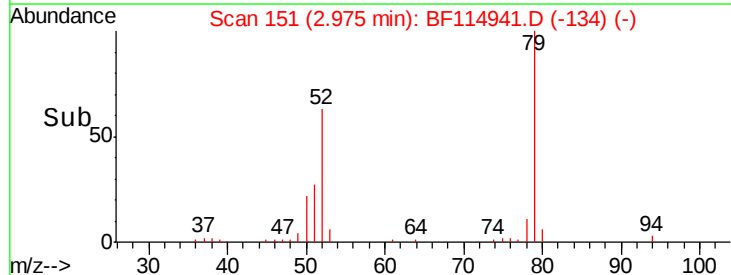
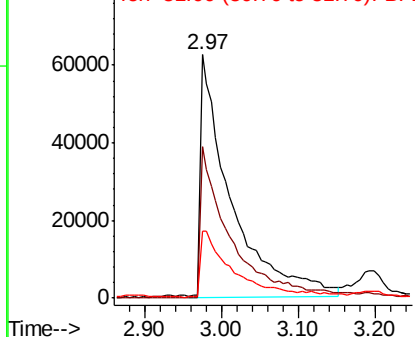
#3

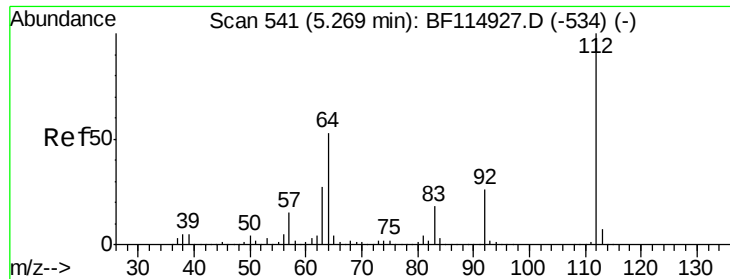
Pyridine
Concen: 10.957 ng
RT: 2.97 min Scan# 151
Delta R.T. -0.00 min
Lab File: BF114941.D
Acq: 11 Jun 2019 12:59

Tgt Ion: 79 Resp: 171264
Ion Ratio Lower Upper
79 100
52 62.2 50.2 75.2
51 27.5 24.6 37.0



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





#5

2-Fluorophenol

Concen: 5.485 ng

RT: 5.23 min Scan# 535

Delta R.T. -0.04 min

Lab File: BF114941.D

Acq: 11 Jun 2019 12:59

Instrument :

BNA_F

ClientSampled :

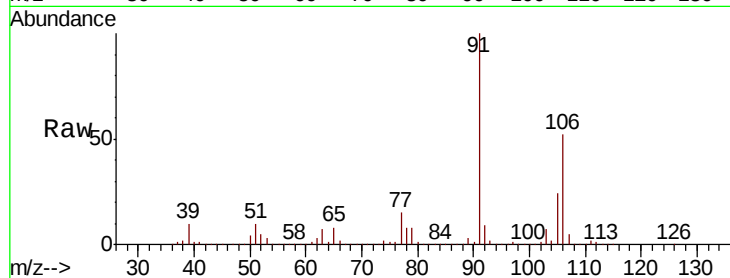
Tot Ion:112 Resp: 64903

Ion Ratio Lower Upper

112 100

64 96.0 42.1 63.1#

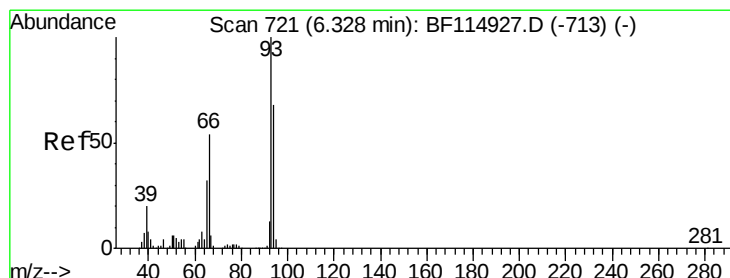
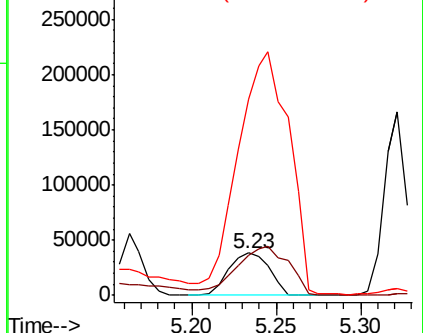
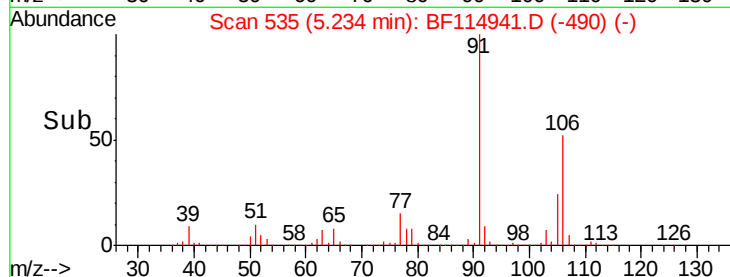
63 466.4 21.8 32.8#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 114.623 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.02 min

Lab File: BF114941.D

Acq: 11 Jun 2019 12:59

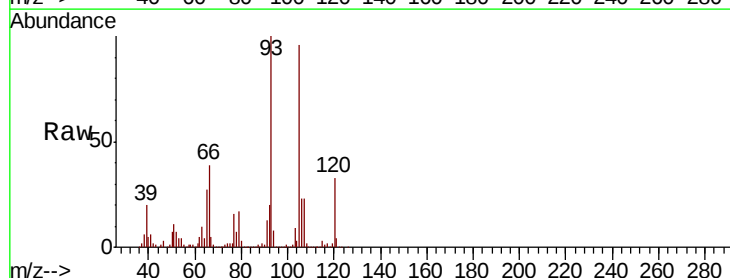
Tgt Ion: 93 Resp: 2216091

Ion Ratio Lower Upper

93 100

66 39.2 43.6 65.4#

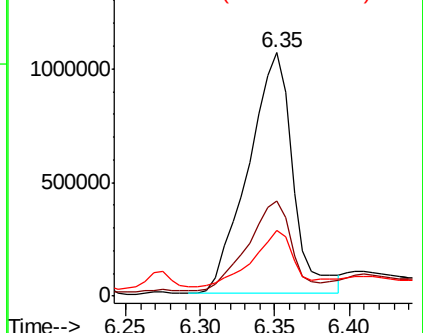
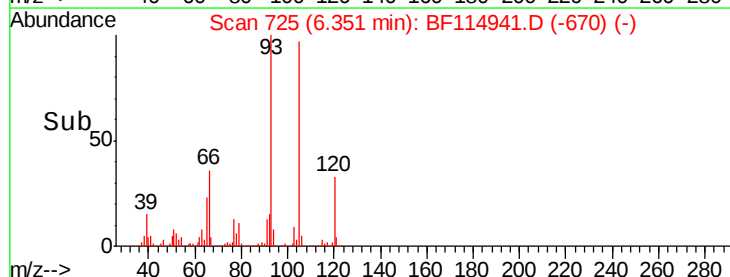
65 27.0 25.7 38.5

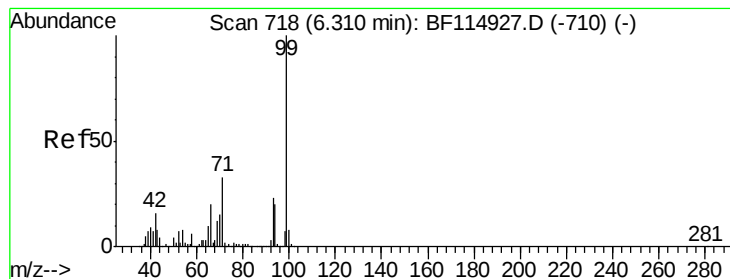


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 40.623 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.09 min

Lab File: BF114941.D

Acq: 11 Jun 2019 12:59

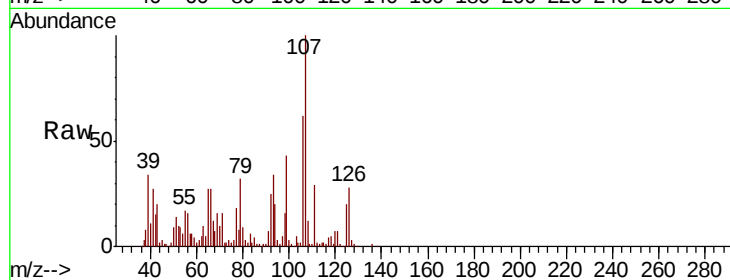
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 579813

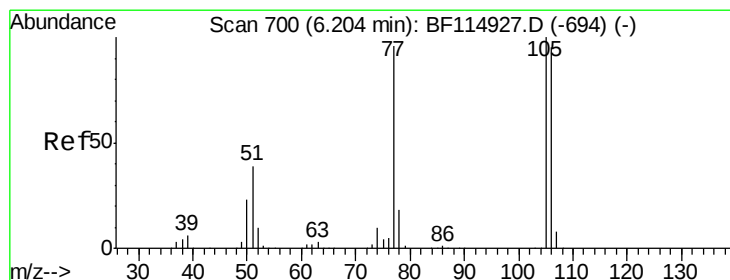
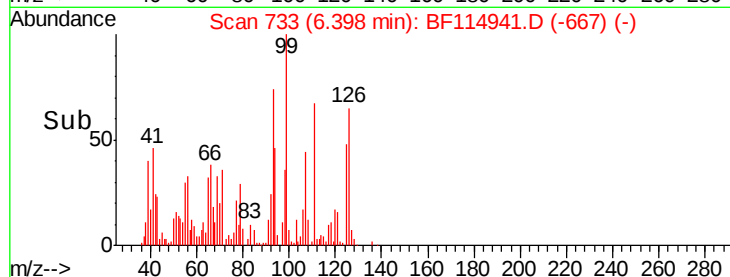
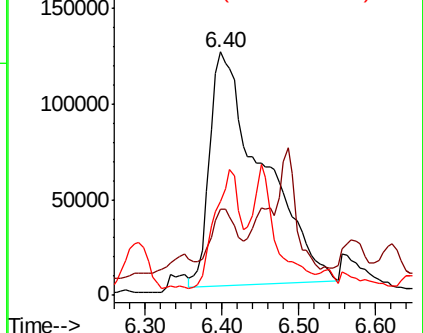
Ion	Ratio	Lower	Upper
99	100		
42	35.6	13.1	19.7#
71	38.4	26.8	40.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 52.898 ng

RT: 6.20 min Scan# 699

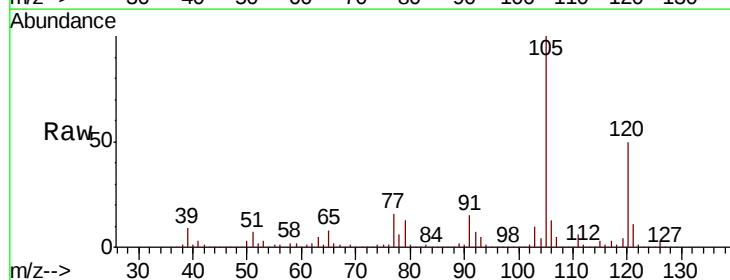
Delta R.T. -0.01 min

Lab File: BF114941.D

Acq: 11 Jun 2019 12:59

Tgt Ion: 77 Resp: 483229

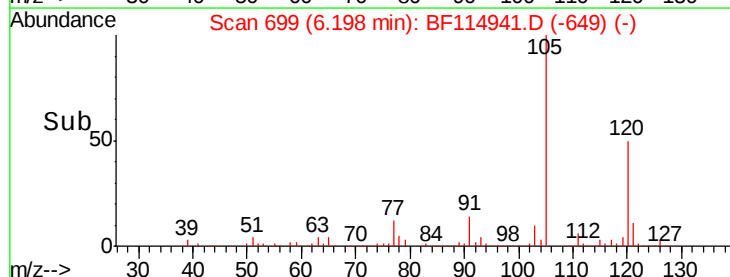
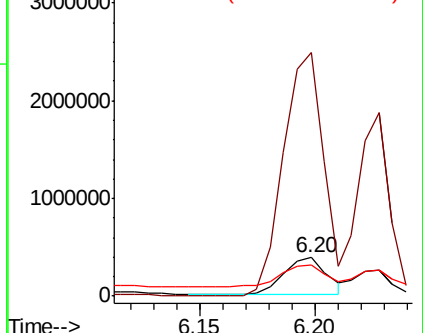
Ion	Ratio	Lower	Upper
77	100		
105	630.6	84.5	124.5#
106	80.7	79.2	119.2

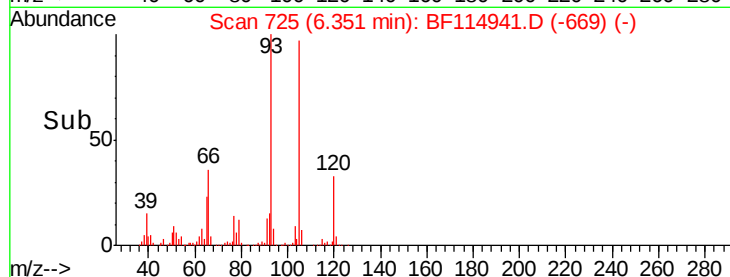
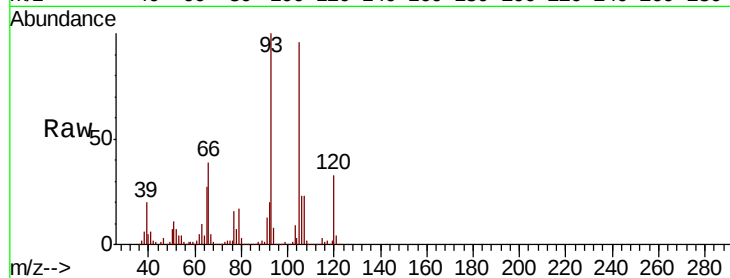
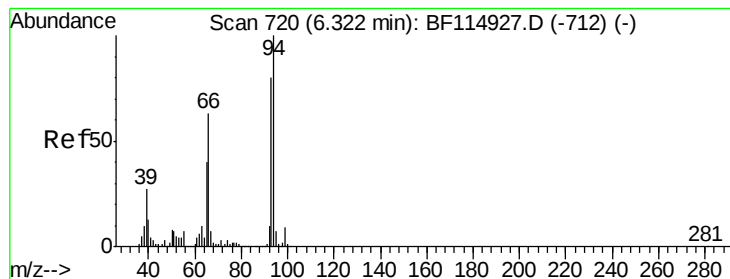


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 10.858 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.03 min

Lab File: BF114941.D

Acq: 11 Jun 2019 12:59

Instrument :

BNA_F

ClientSampleId :

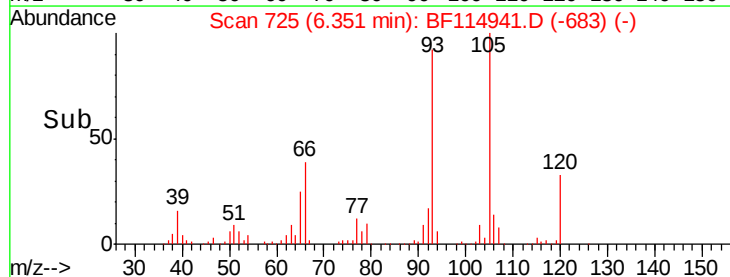
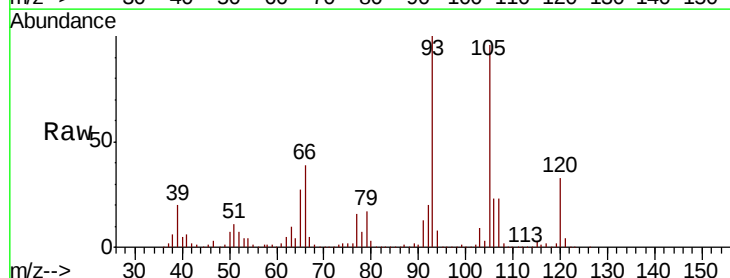
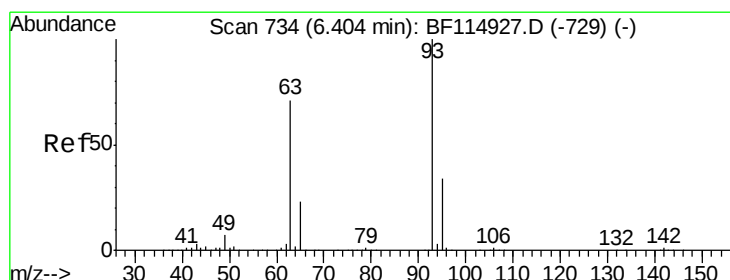
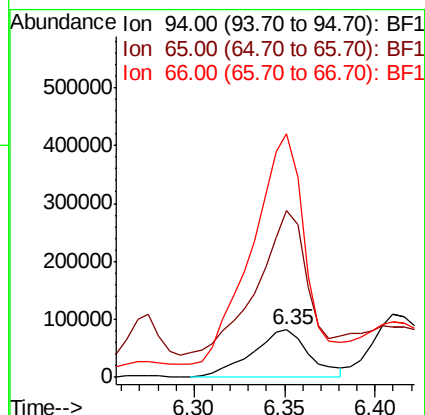
Tot Ion: 94 Resp: 172808

Ion Ratio Lower Upper

94 100

65 351.5 19.6 59.6#

66 511.3 42.6 82.6#



#11

bis(2-Chloroethyl)ether

Concen: 174.710 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.05 min

Lab File: BF114941.D

Acq: 11 Jun 2019 12:59

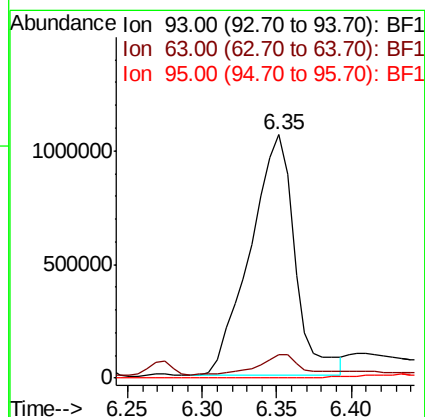
Tgt Ion: 93 Resp: 2216091

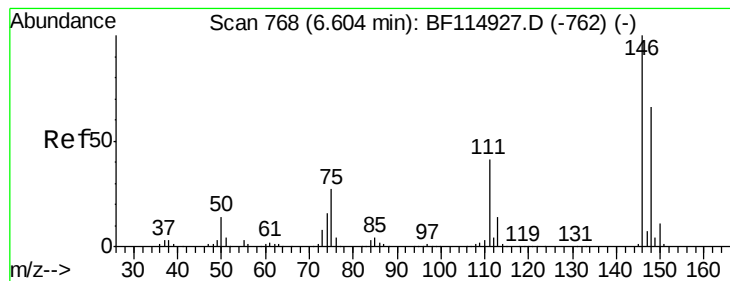
Ion Ratio Lower Upper

93 100

63 9.8 50.5 90.5#

95 0.4 13.6 53.6#





#12

1,3-Dichlorobenzene

Concen: 2.647 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.08 min

Lab File: BF114941.D

Acq: 11 Jun 2019 12:59

Instrument :

BNA_F

ClientSampleId :

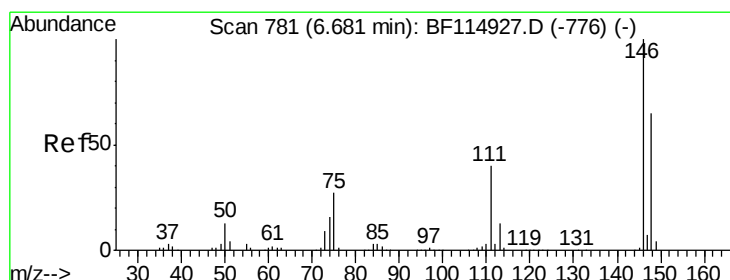
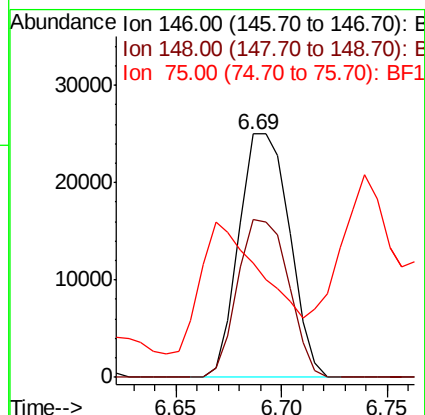
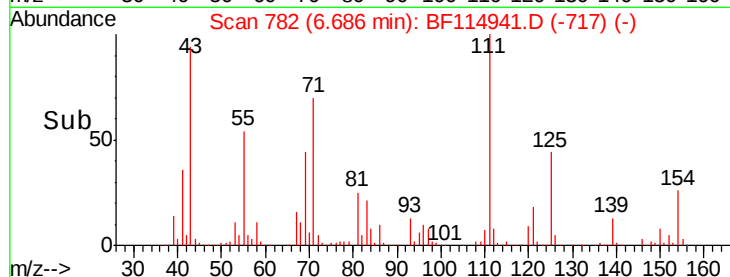
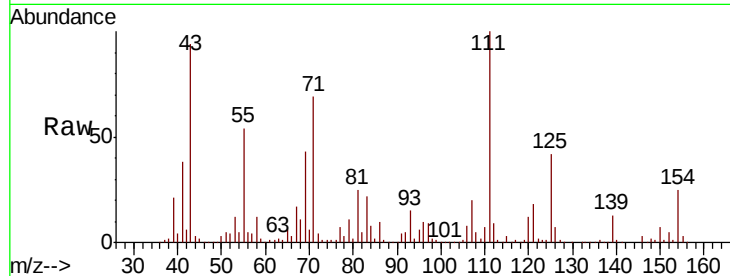
Tot Ion:146 Resp: 41489

Ion Ratio Lower Upper

146 100

148 65.0 52.6 78.8

75 47.1 21.9 32.9#



#13

1,4-Dichlorobenzene

Concen: 2.640 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF114941.D

Acq: 11 Jun 2019 12:59

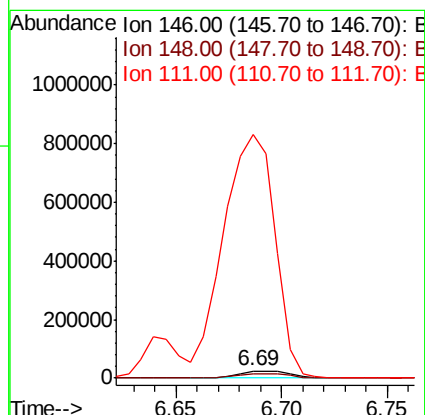
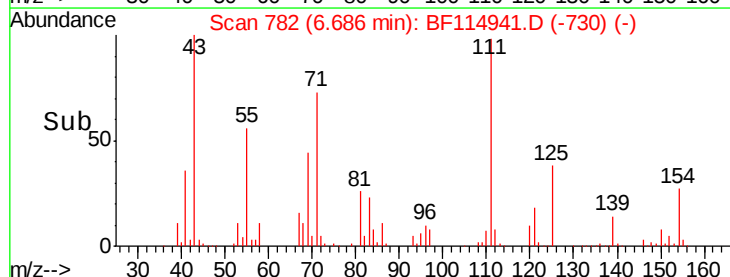
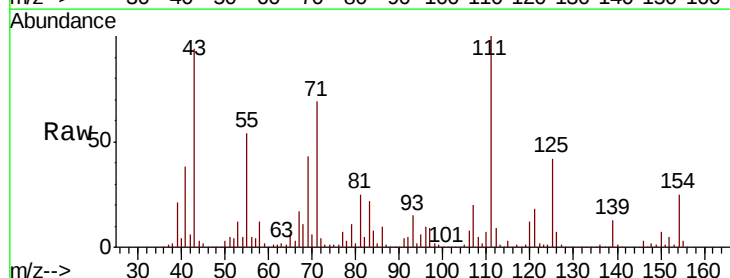
Tgt Ion:146 Resp: 41489

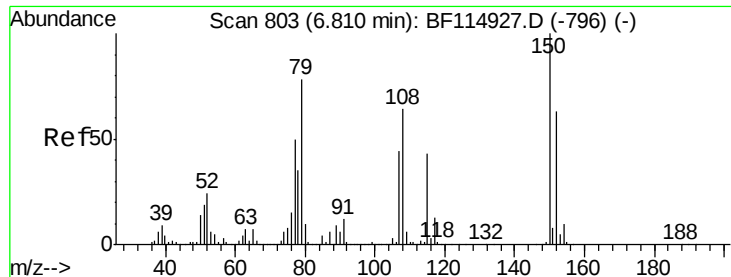
Ion Ratio Lower Upper

146 100

148 65.0 52.3 78.5

111 3321.5 31.8 47.8#





#15

Benzyl Alcohol

Concen: 9.875 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF114941.D

Acq: 11 Jun 2019 12:59

Instrument :

BNA_F

ClientSampled :

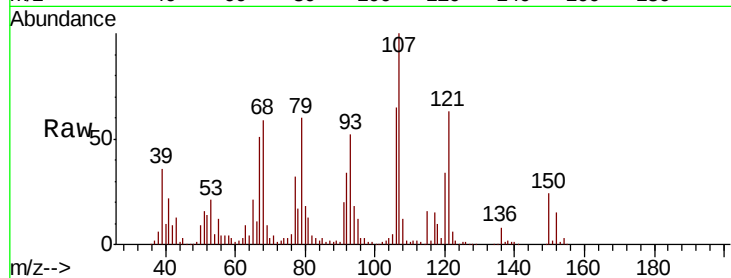
Tot Ion: 79 Resp: 101701

Ion Ratio Lower Upper

79 100

108 19.9 65.5 98.3#

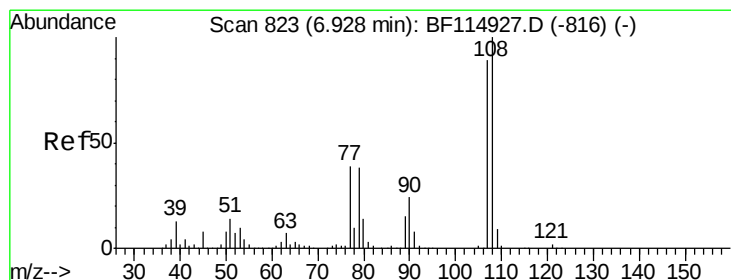
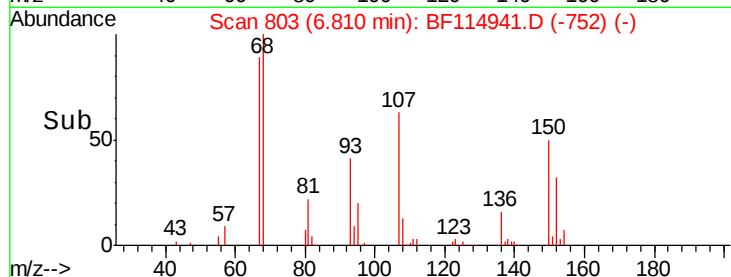
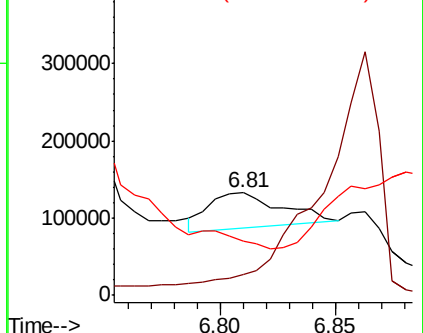
77 52.7 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#17

2-Methylphenol

Concen: 59.701 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.06 min

Lab File: BF114941.D

Acq: 11 Jun 2019 12:59

Tgt Ion: 107 Resp: 675097

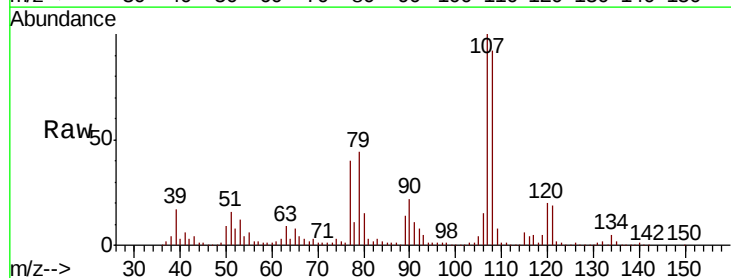
Ion Ratio Lower Upper

107 100

108 92.2 90.2 135.2

77 40.0 35.4 53.0

79 44.0 34.6 52.0

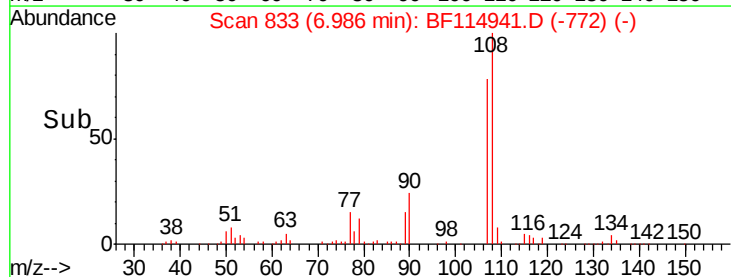
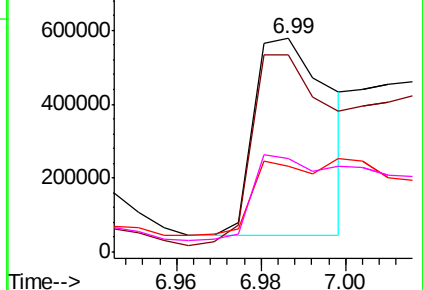


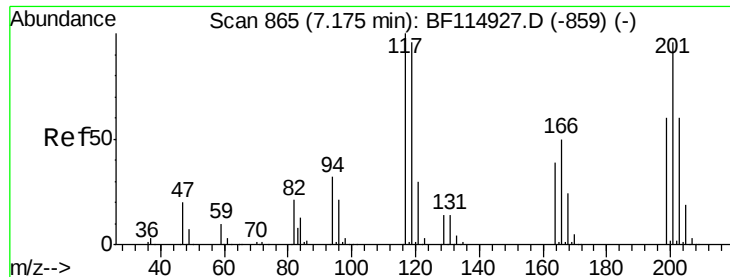
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

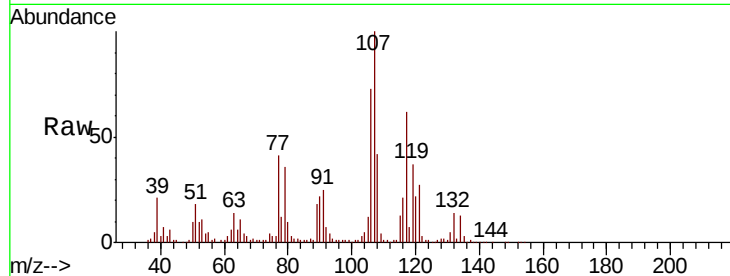




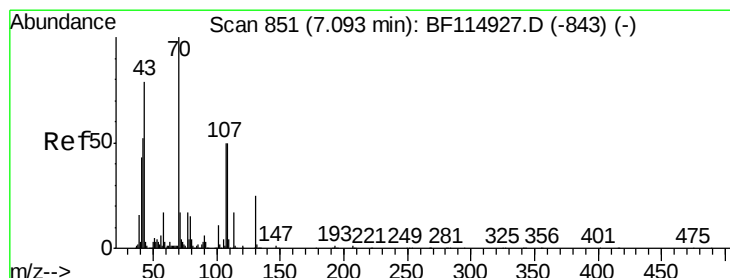
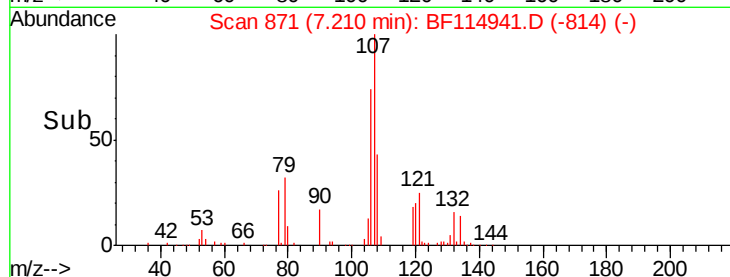
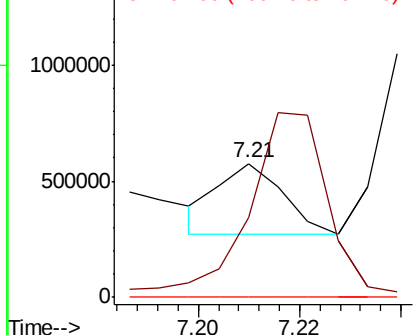
#18
Hexachloroethane
Concen: 47.261 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.04 min
Lab File: BF114941.D
Acq: 11 Jun 2019 12:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 273750
Ion Ratio Lower Upper
117 100
119 59.2 76.6 114.8#
201 0.0 77.0 115.6#

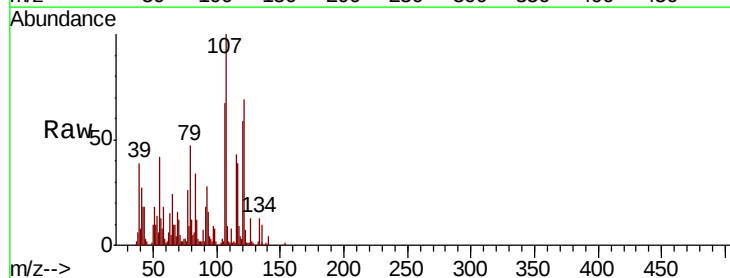


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

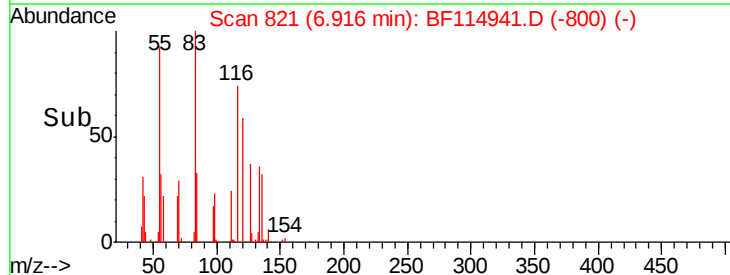
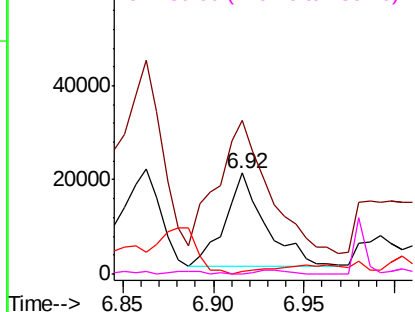


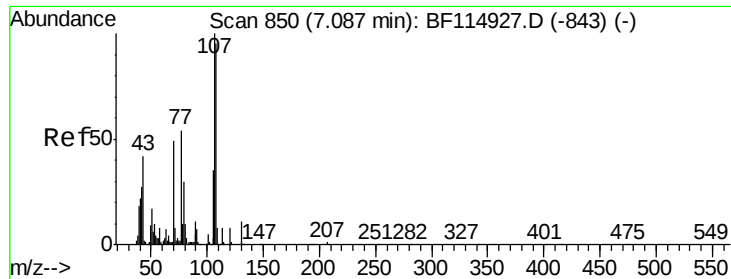
#19
n-Nitroso-di-n-propylamine
Concen: 3.459 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.18 min
Lab File: BF114941.D
Acq: 11 Jun 2019 12:59

Tgt Ion: 70 Resp: 30869
Ion Ratio Lower Upper
70 100
42 152.2 41.7 62.5#
101 2.6 8.4 12.6#
130 0.0 19.9 29.9#



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

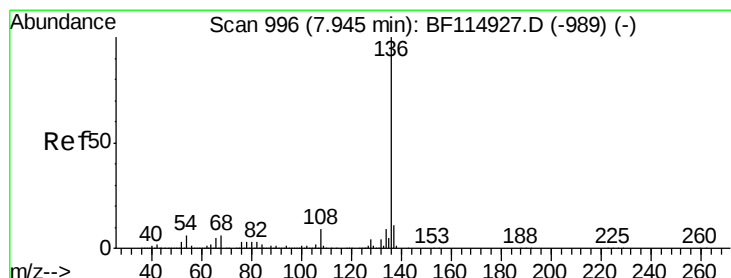
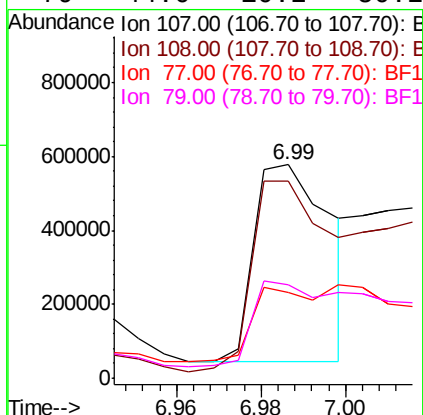
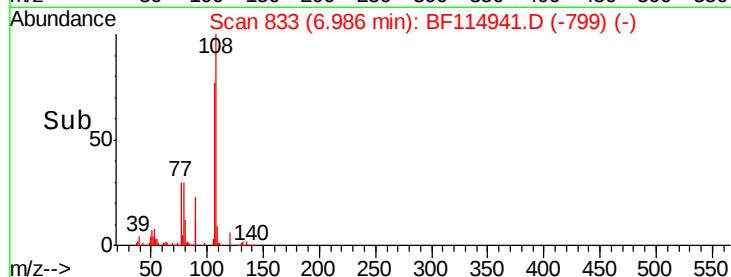
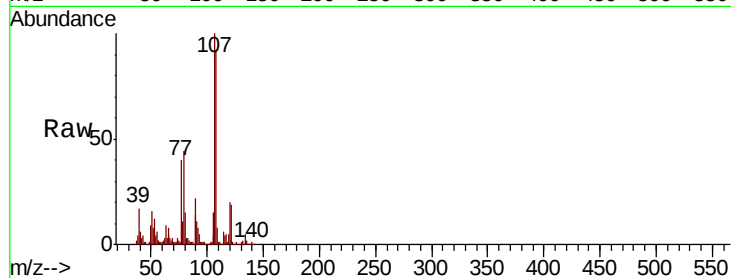




#20
3+4-Methylphenols
Concen: 53.320 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.10 min
Lab File: BF114941.D
Acq: 11 Jun 2019 12:59

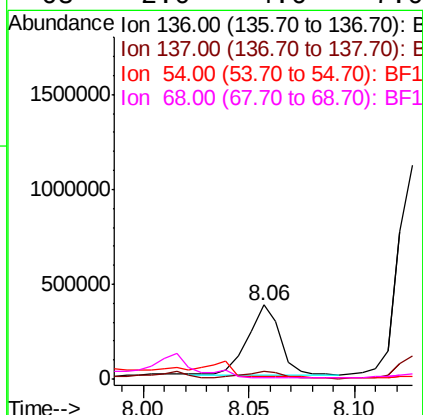
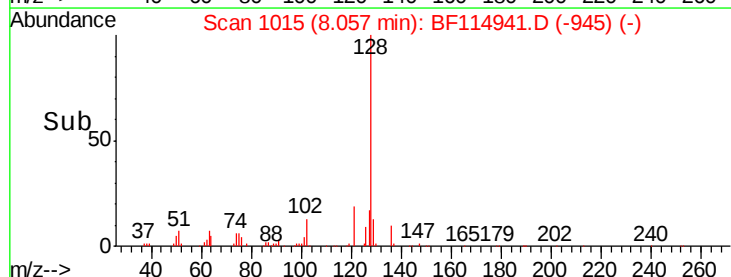
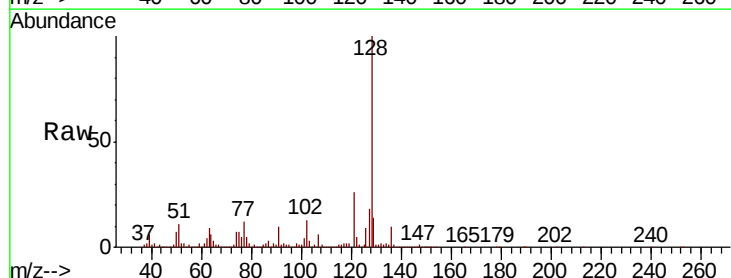
Instrument :
BNA_F
ClientSampleId :

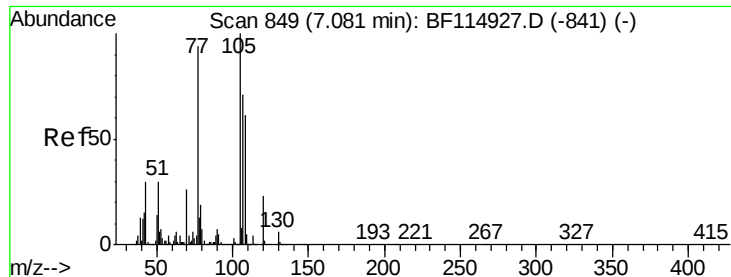
Tot Ion:107	Resp:	675097
Ion Ratio	Lower	Upper
107	100	
108	92.2	74.7 114.7
77	40.0	33.7 73.7
79	44.0	10.2 50.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.11 min
Lab File: BF114941.D
Acq: 11 Jun 2019 12:59

Tgt Ion:136	Resp:	385230
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.6
54	3.0	5.2 7.8#
68	2.0	4.6 7.0#





#22

Acetophenone

Concen: 4.315 ng

RT: 7.15 min Scan# 860

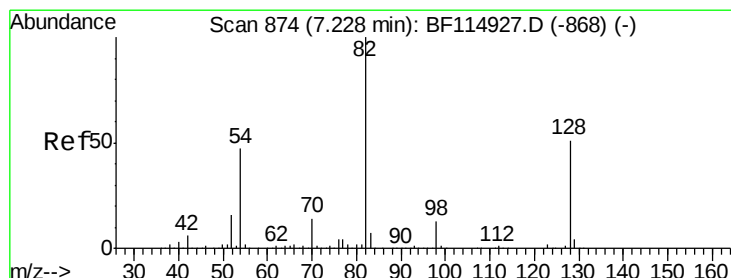
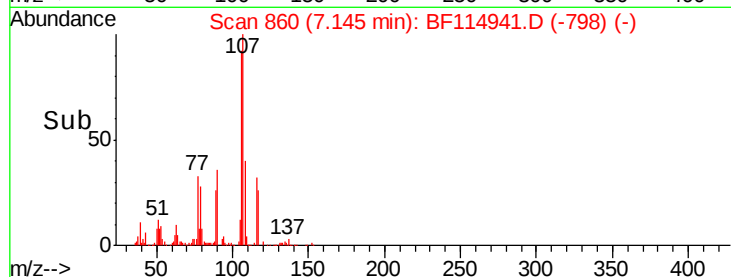
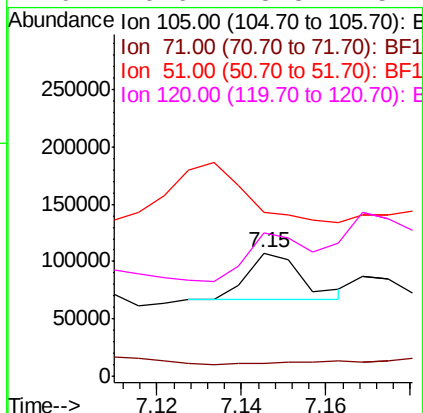
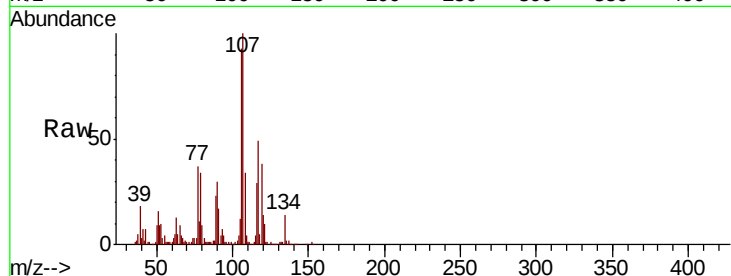
Delta R.T. 0.06 min

Lab File: BF114941.D

Acq: 11 Jun 2019 12:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:	105	Resp:	37211
Ion	Ratio	Lower	Upper
105	100		
71	10.5	3.4	5.2#
51	133.3	24.0	36.0#
120	116.6	18.8	28.2#



#23

Nitrobenzene-d5

Concen: 123.157 ng

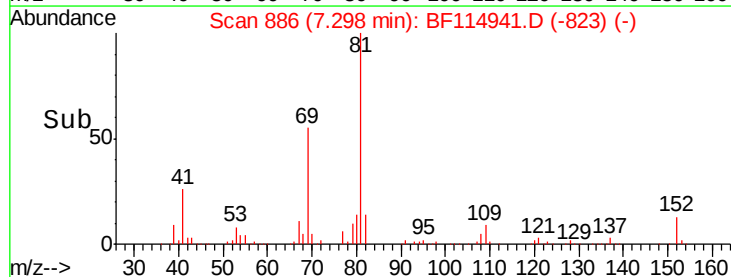
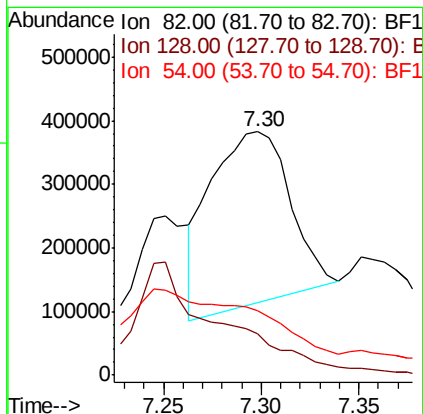
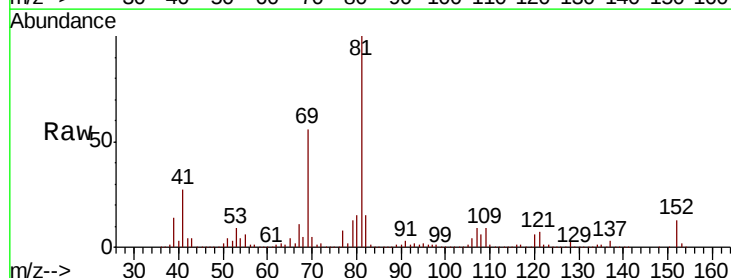
RT: 7.30 min Scan# 886

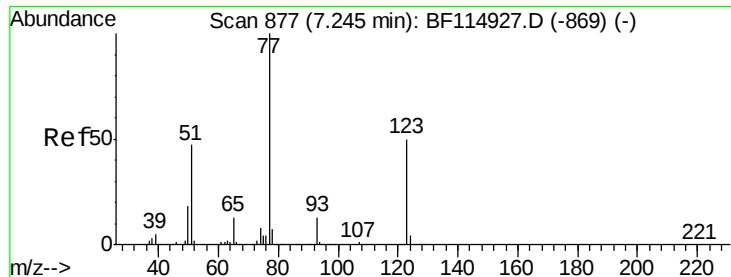
Delta R.T. 0.07 min

Lab File: BF114941.D

Acq: 11 Jun 2019 12:59

Tgt Ion:	82	Resp:	772172
Ion	Ratio	Lower	Upper
82	100		
128	17.1	40.9	61.3#
54	26.6	37.4	56.0#





#24

Nitrobenzene

Concen: 67.425 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.09 min

Lab File: BF114941.D

Acq: 11 Jun 2019 12:59

Instrument :

BNA_F

ClientSampleId :

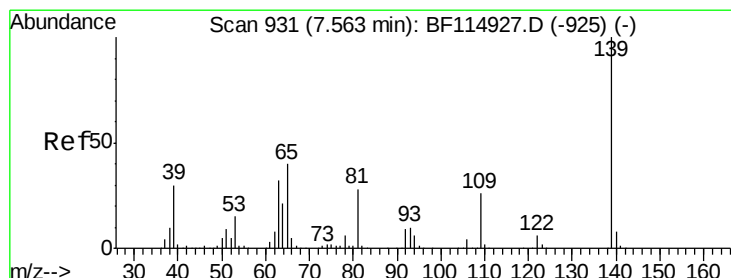
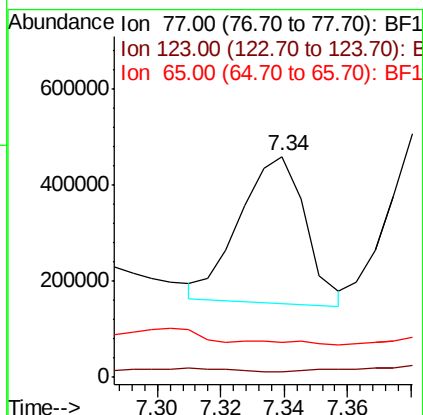
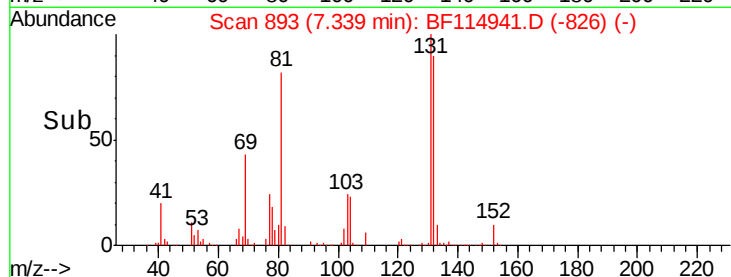
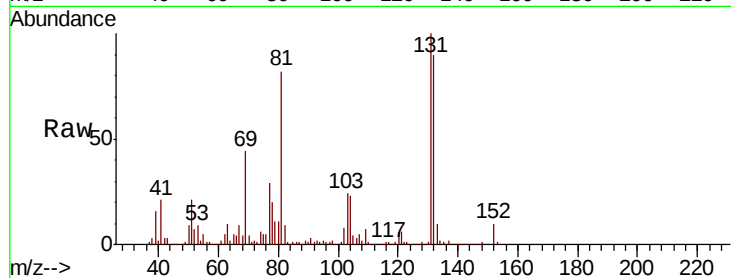
Tot Ion: 77 Resp: 439765

Ion Ratio Lower Upper

77 100

123 2.6 39.8 59.6#

65 16.0 10.7 16.1



#26

2-Nitrophenol

Concen: 4.644 ng

RT: 7.66 min Scan# 947

Delta R.T. 0.09 min

Lab File: BF114941.D

Acq: 11 Jun 2019 12:59

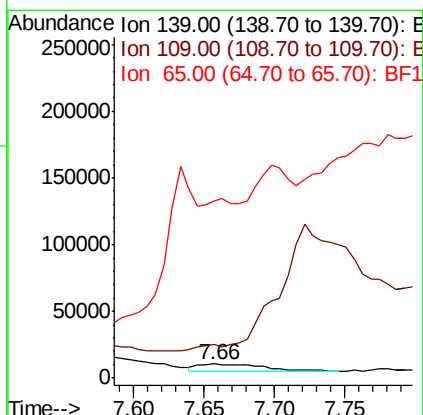
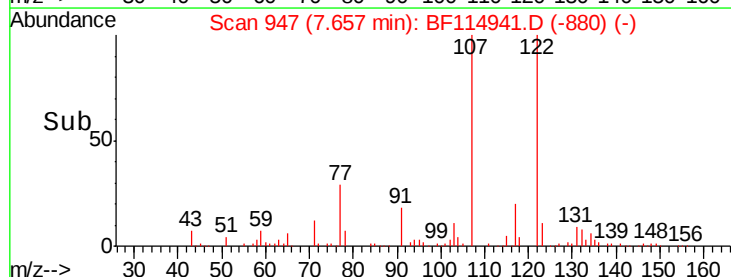
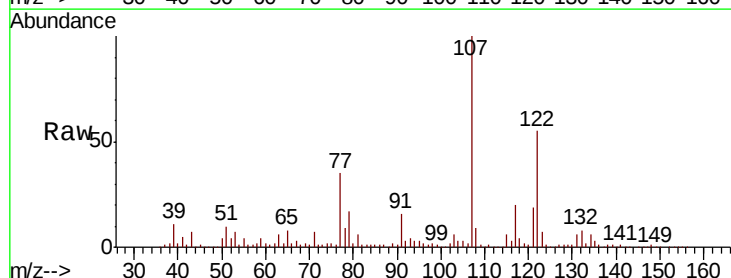
Tgt Ion: 139 Resp: 16827

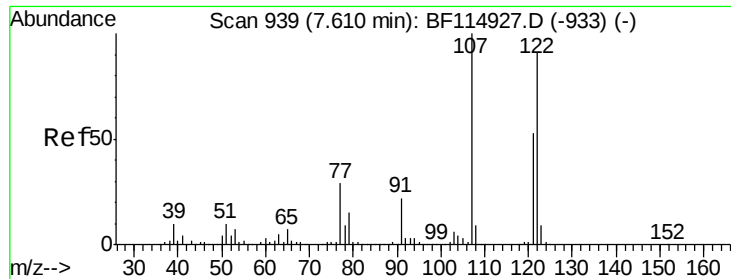
Ion Ratio Lower Upper

139 100

109 231.5 20.6 30.8#

65 1232.0 32.2 48.2#

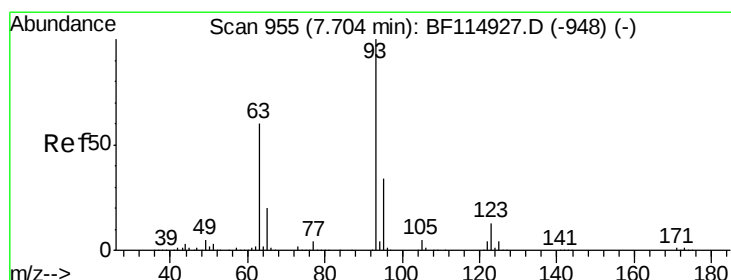
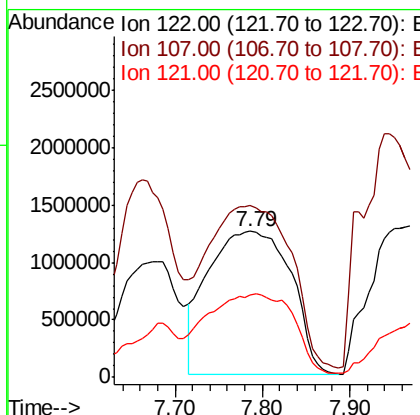
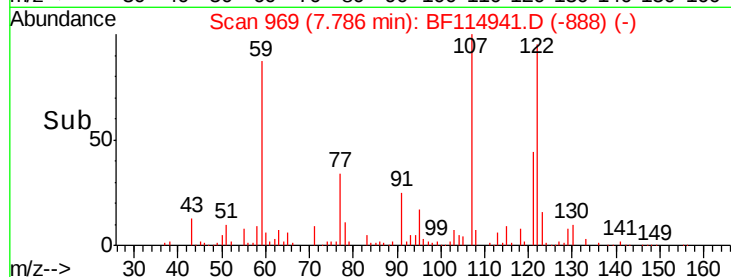
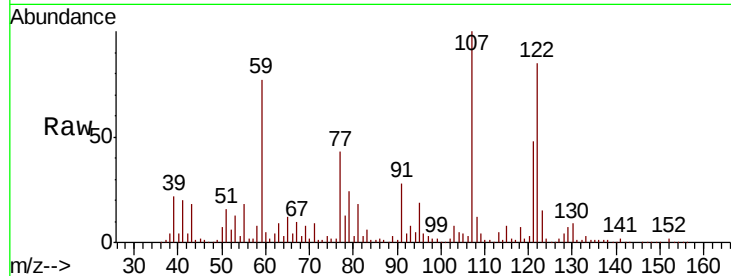




#27
2,4-Dimethylphenol
Concen: 1534.044 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.18 min
Lab File: BF114941.D
Acq: 11 Jun 2019 12:59

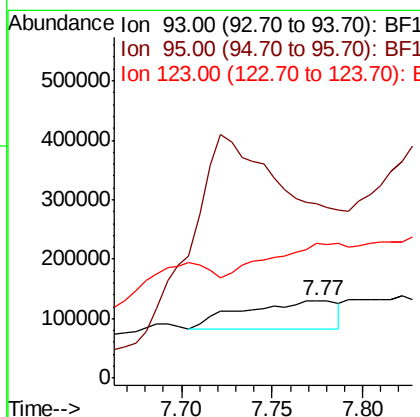
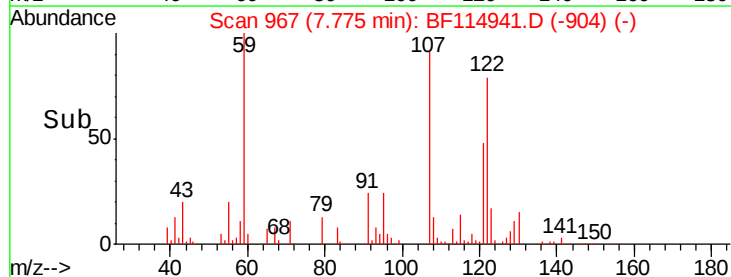
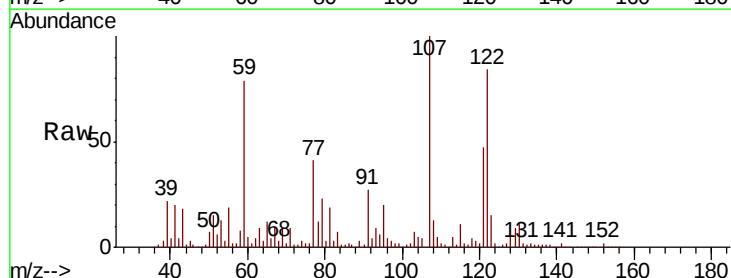
Instrument :
BNA_F
ClientSampled :

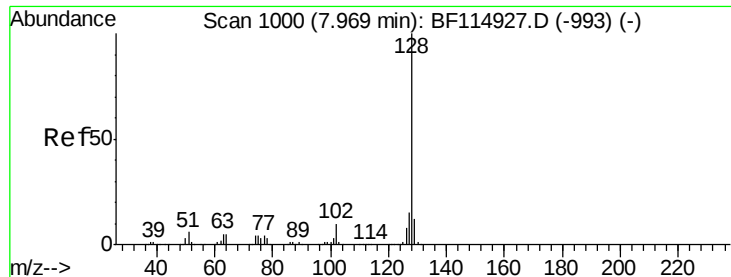
Tot Ion:122 Resp: 8134186
Ion Ratio Lower Upper
122 100
107 117.4 88.0 132.0
121 56.6 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 22.112 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.07 min
Lab File: BF114941.D
Acq: 11 Jun 2019 12:59

Tgt Ion: 93 Resp: 173672
Ion Ratio Lower Upper
93 100
95 226.1 27.0 40.4#
123 174.5 10.3 15.5#

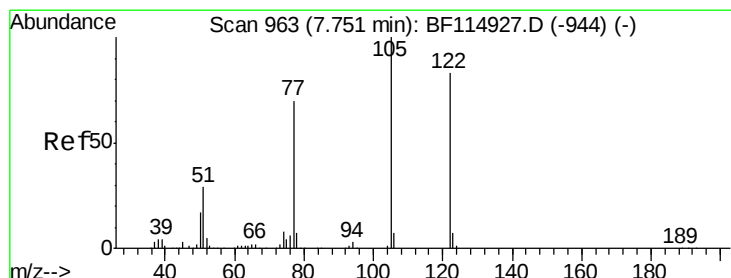
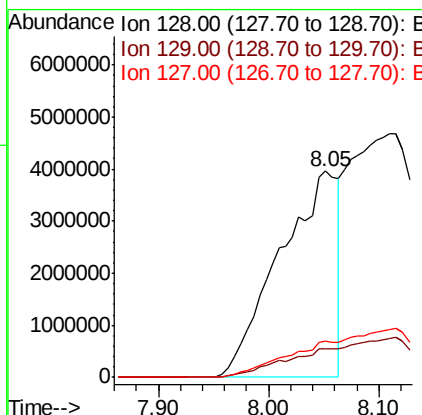
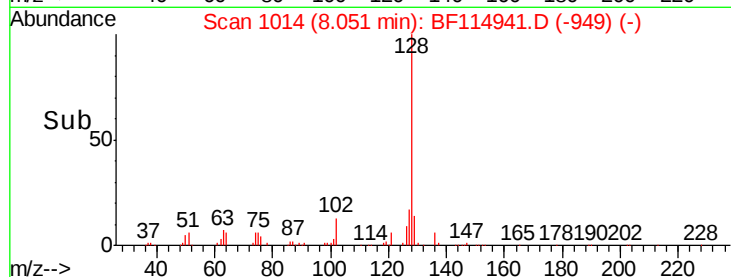
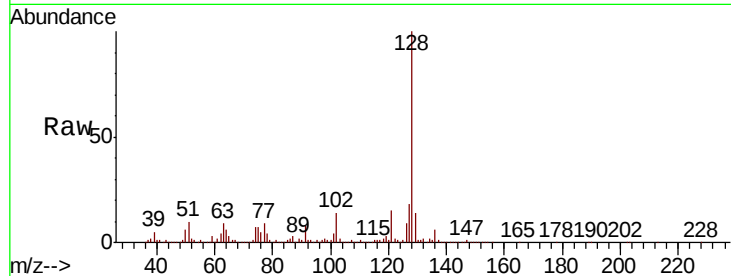




#31
Naphthalene
Concen: 821.683 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.08 min
Lab File: BF114941.D
Acq: 11 Jun 2019 12:59

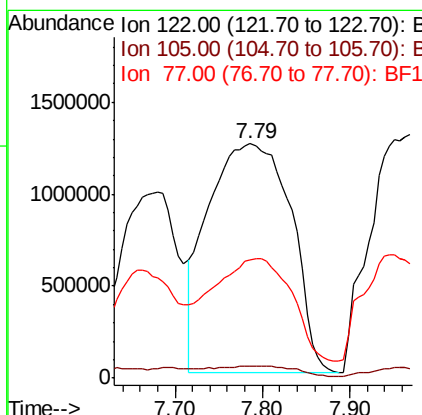
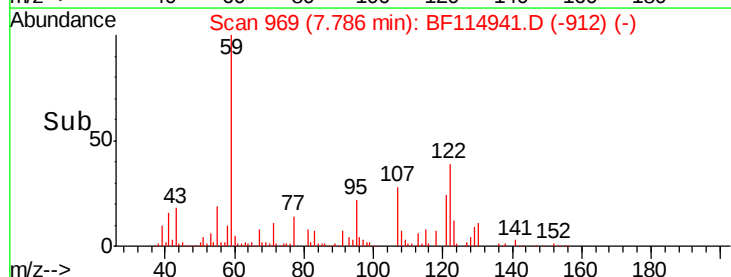
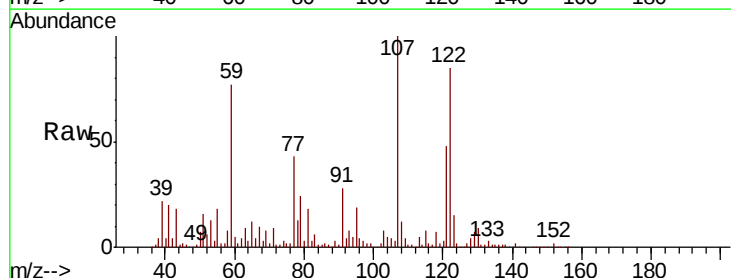
Instrument :
BNA_F
ClientSampleId :

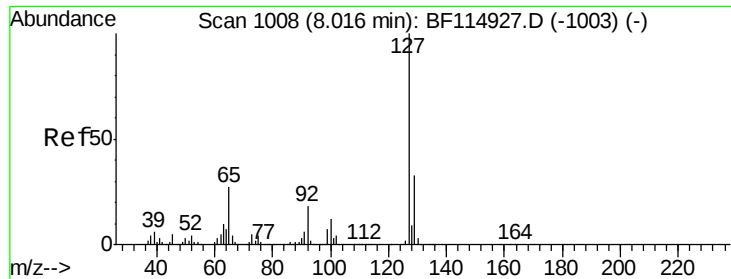
Tot Ion:128 Resp:14585319
Ion Ratio Lower Upper
128 100
129 14.2 9.8 14.8
127 17.6 11.8 17.6



#32
Benzoic acid
Concen: 2053.699 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.04 min
Lab File: BF114941.D
Acq: 11 Jun 2019 12:59

Tgt Ion:122 Resp: 8134186
Ion Ratio Lower Upper
122 100
105 5.0 97.7 137.7#
77 50.7 63.0 103.0#

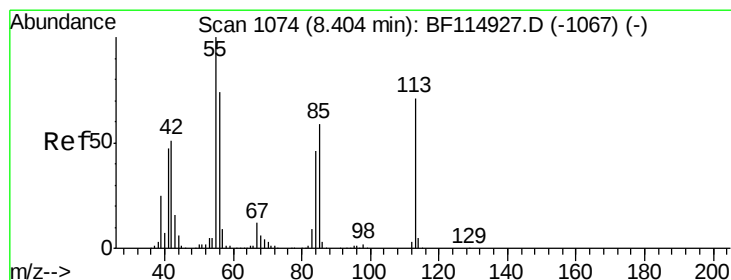
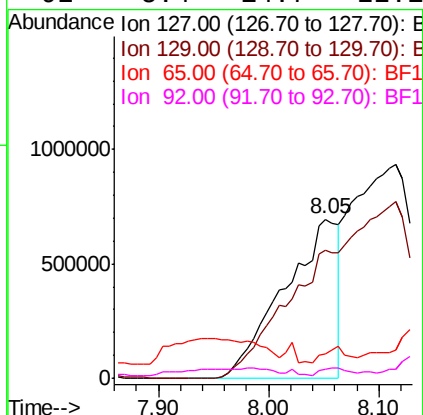
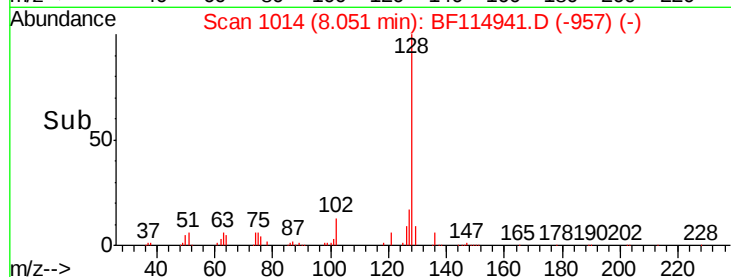
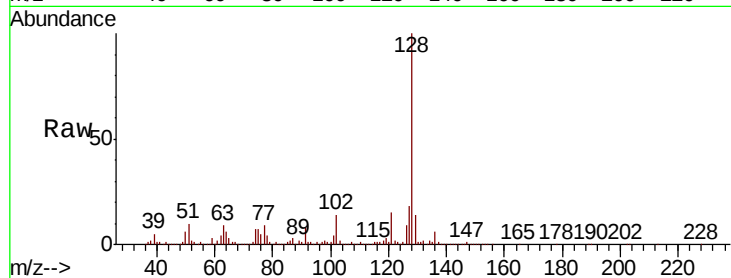




#33
4-Chloroaniline
Concen: 284.361 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.04 min
Lab File: BF114941.D
Acq: 11 Jun 2019 12:59

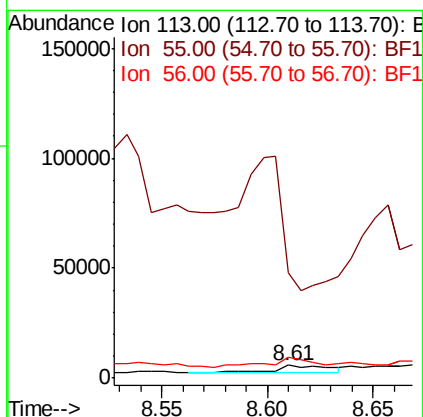
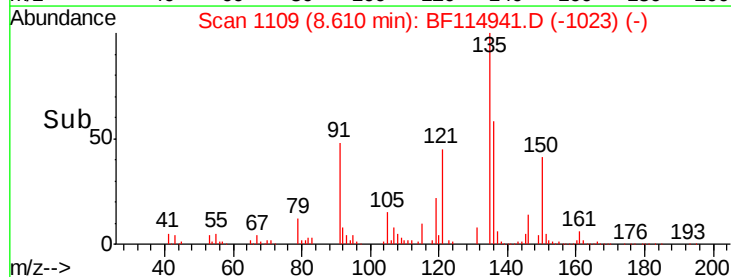
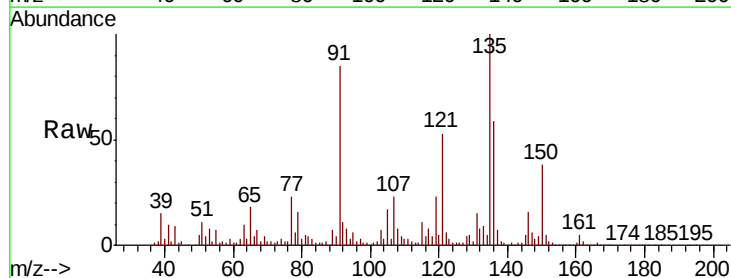
Instrument :
BNA_F
ClientSampleId :

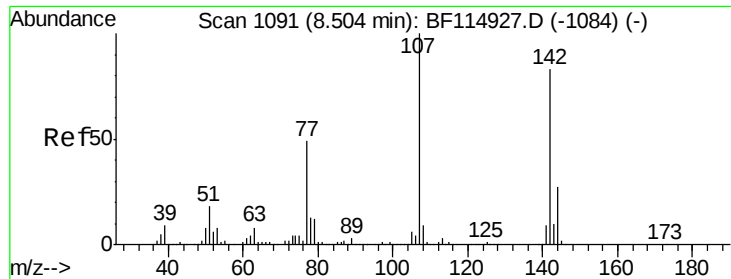
Tot Ion:127 Resp: 2381966
Ion Ratio Lower Upper
127 100
129 80.5 26.6 40.0#
65 14.9 21.5 32.3#
92 5.4 14.7 22.1#



#35
Caprolactam
Concen: 3.077 ng
RT: 8.61 min Scan# 1109
Delta R.T. 0.21 min
Lab File: BF114941.D
Acq: 11 Jun 2019 12:59

Tgt Ion:113 Resp: 5755
Ion Ratio Lower Upper
113 100
55 823.3 120.9 160.9#
56 163.6 84.3 124.3#

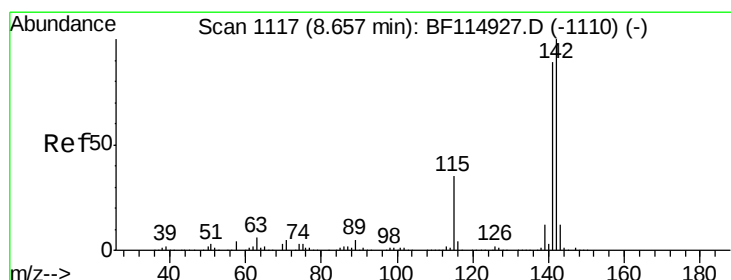
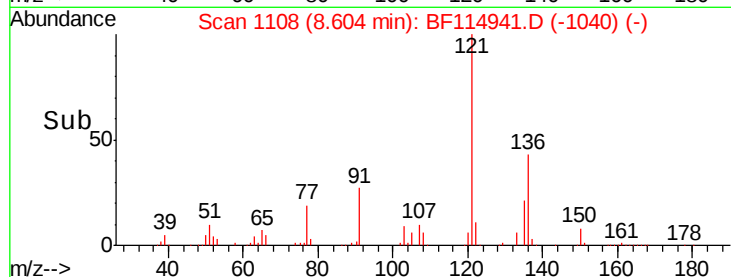
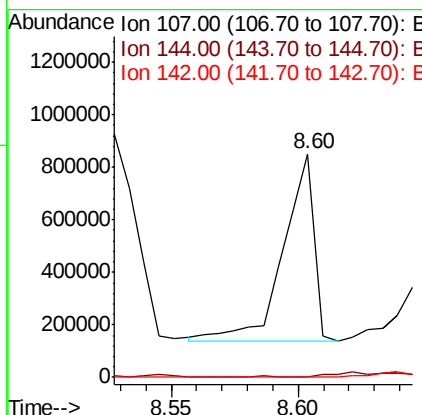
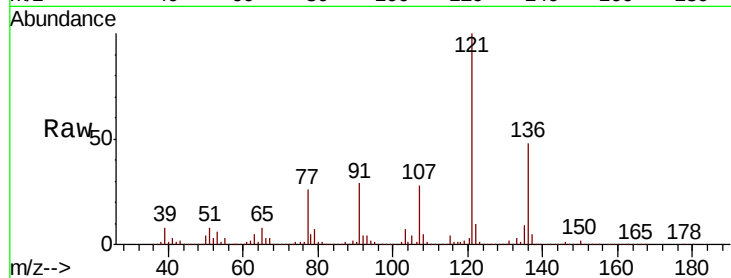




#36
 4-Chloro-3-methylphenol
 Concen: 108.876 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. 0.10 min
 Lab File: BF114941.D
 Acq: 11 Jun 2019 12:59

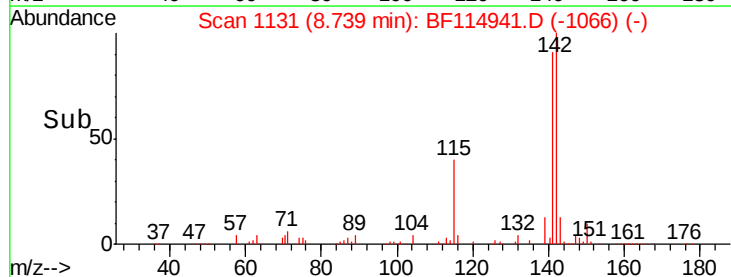
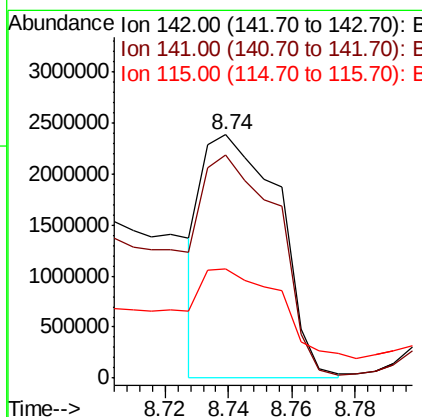
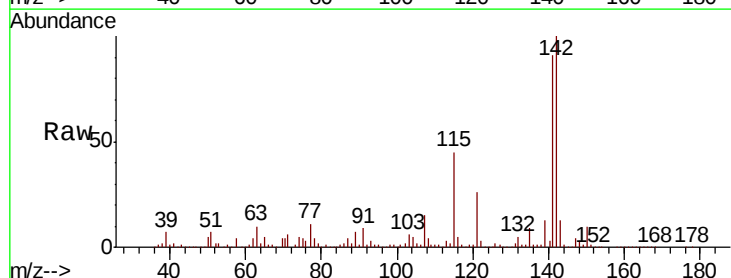
Instrument :
 BNA_F
 ClientSampleId :

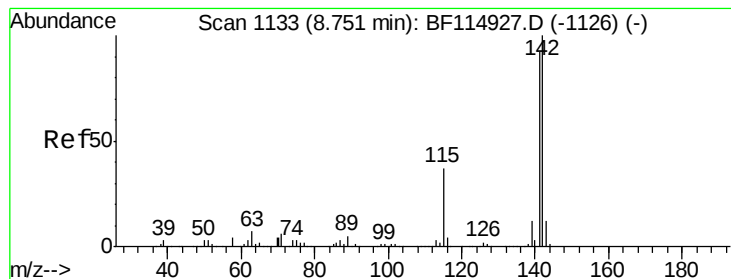
Tot Ion:107 Resp: 614057
 Ion Ratio Lower Upper
 107 100
 144 0.3 21.6 32.4#
 142 0.1 66.1 99.1#



#37
 2-Methylnaphthalene
 Concen: 329.365 ng
 RT: 8.74 min Scan# 1131
 Delta R.T. 0.08 min
 Lab File: BF114941.D
 Acq: 11 Jun 2019 12:59

Tgt Ion:142 Resp: 3972853
 Ion Ratio Lower Upper
 142 100
 141 91.4 71.1 106.7
 115 44.7 27.8 41.6#





#38

1-Methylnaphthalene

Concen: 364.725 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.10 min

Lab File: BF114941.D

Acq: 11 Jun 2019 12:59

Instrument :

BNA_F

ClientSampleId :

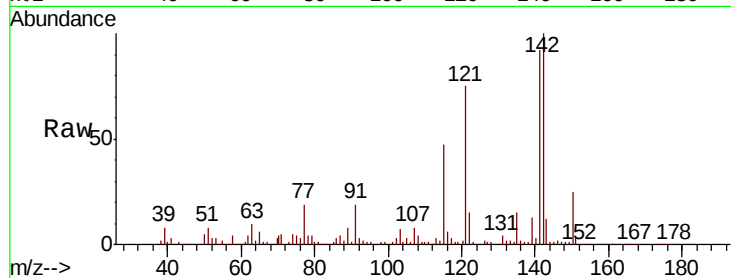
Tot Ion:142 Resp: 4160817

Ion Ratio Lower Upper

142 100

141 92.2 73.7 110.5

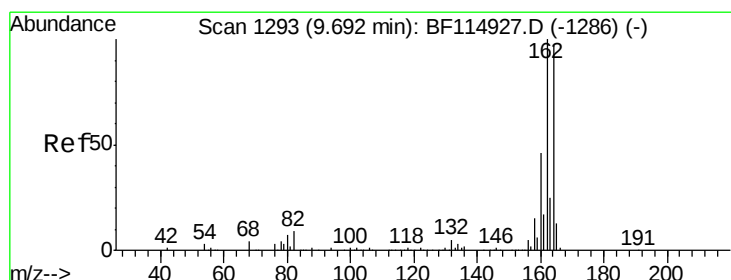
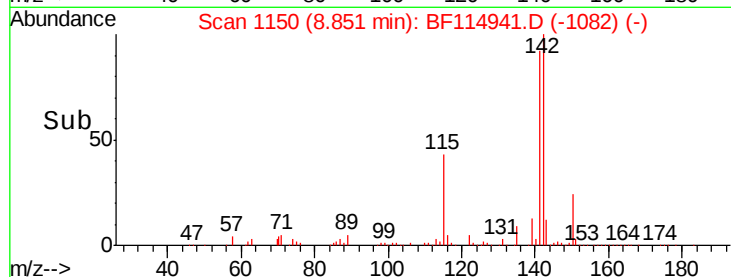
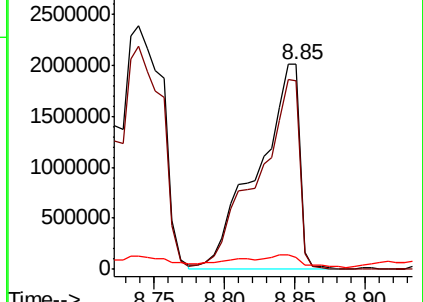
116 5.8 3.1 4.7#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.11 min

Lab File: BF114941.D

Acq: 11 Jun 2019 12:59

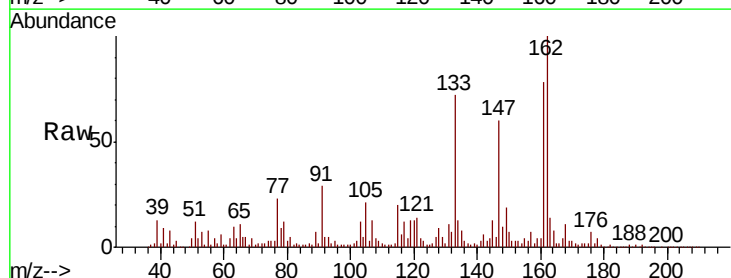
Tgt Ion:164 Resp: 41147

Ion Ratio Lower Upper

164 100

162 1260.4 82.4 123.6#

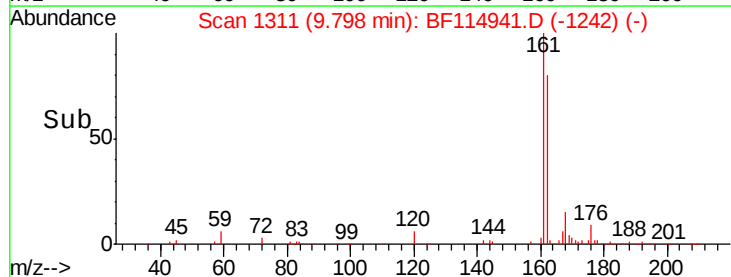
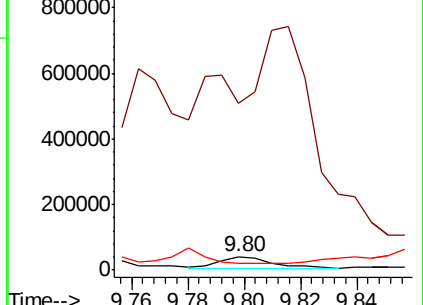
160 55.7 37.5 56.3

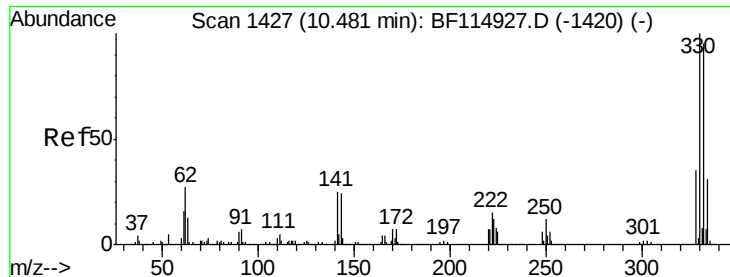


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 1157.557 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.04 min

Lab File: BF114941.D

Acq: 11 Jun 2019 12:59

Instrument :

BNA_F

ClientSampleId :

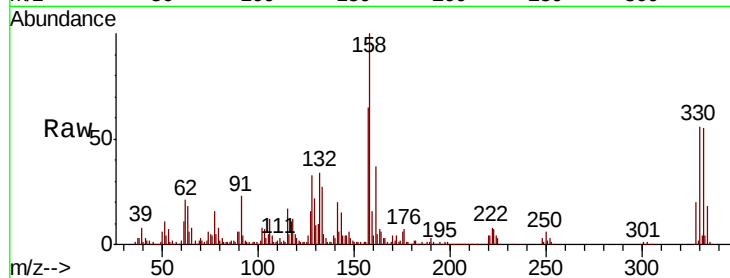
Tot Ion:330 Resp: 518124

Ion Ratio Lower Upper

330 100

332 97.6 76.4 114.6

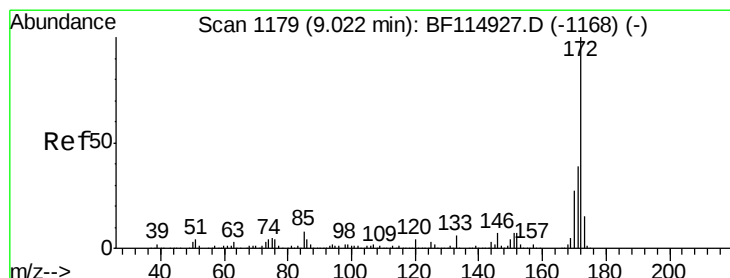
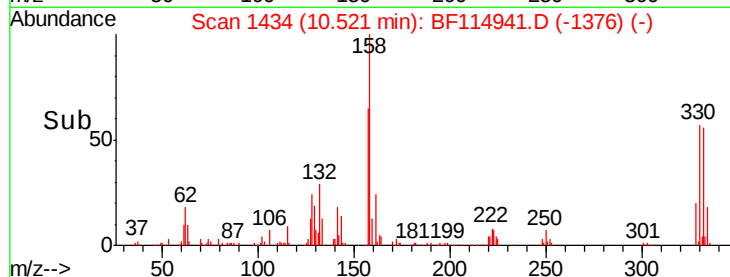
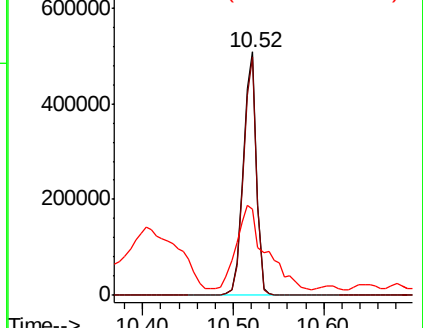
141 78.4 26.8 40.2#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 588.450 ng

RT: 9.07 min Scan# 1188

Delta R.T. 0.05 min

Lab File: BF114941.D

Acq: 11 Jun 2019 12:59

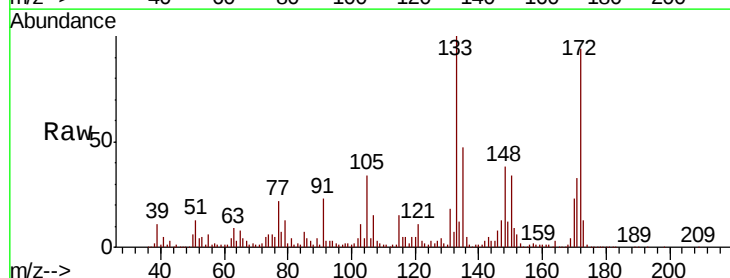
Tgt Ion:172 Resp: 1525643

Ion Ratio Lower Upper

172 100

171 35.6 31.3 46.9

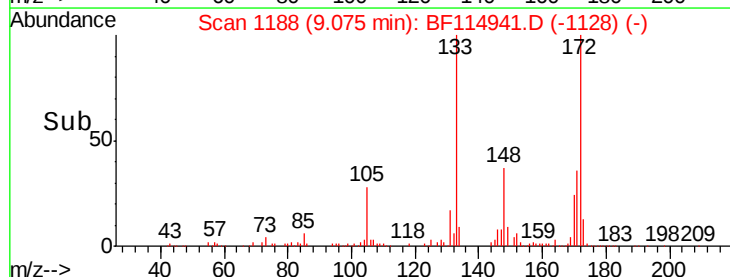
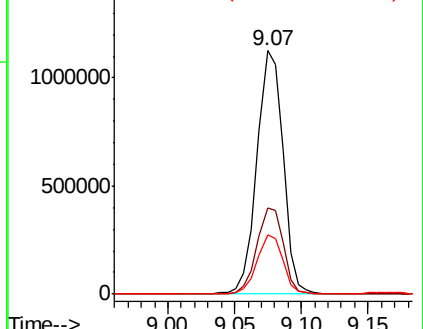
170 24.4 21.4 32.0

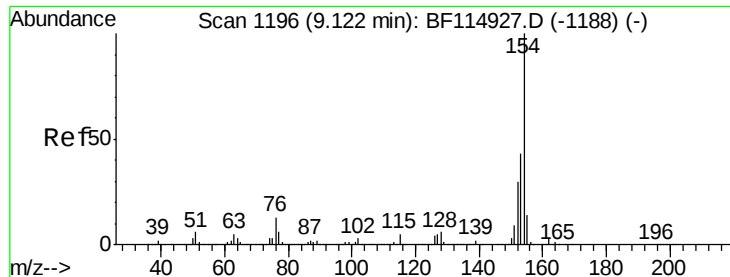


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

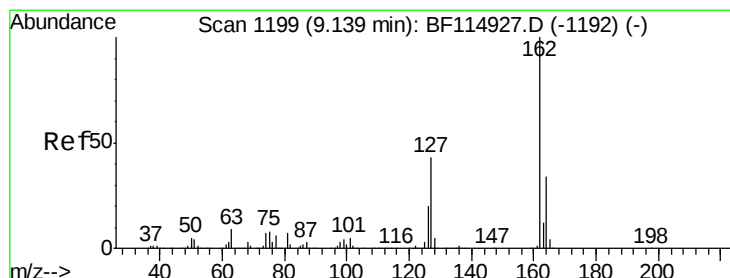
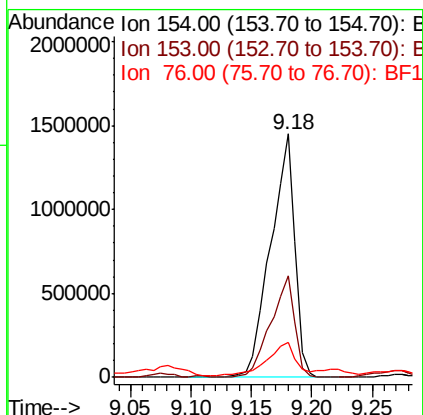
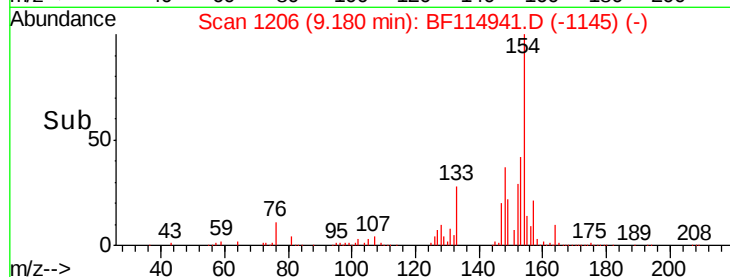
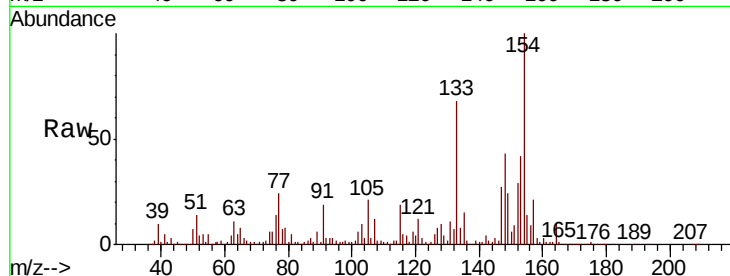




#46
 1,1'-Biphenyl
 Concen: 659.576 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.06 min
 Lab File: BF114941.D
 Acq: 11 Jun 2019 12:59

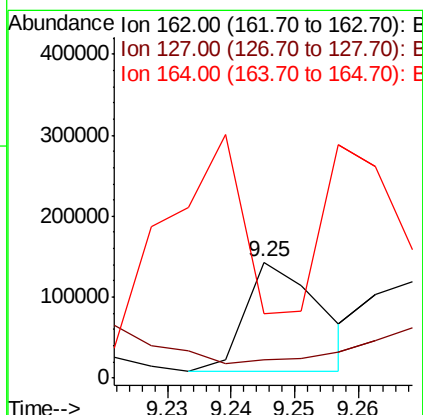
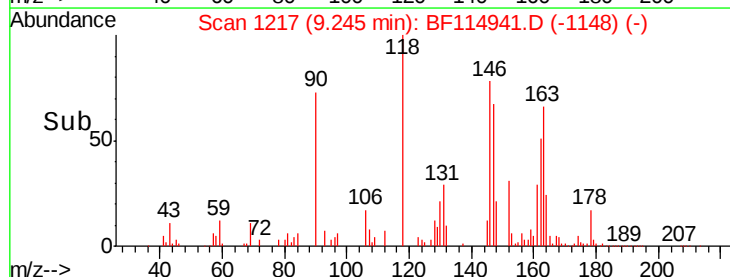
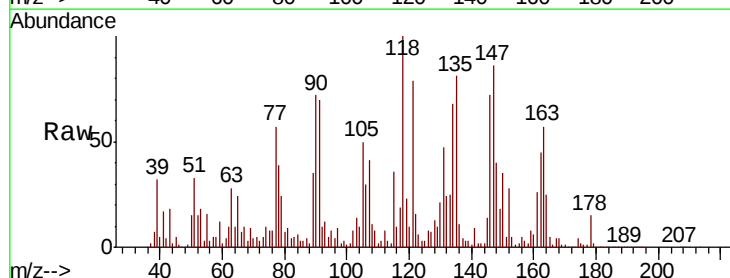
Instrument :
 BNA_F
 ClientSampleId :

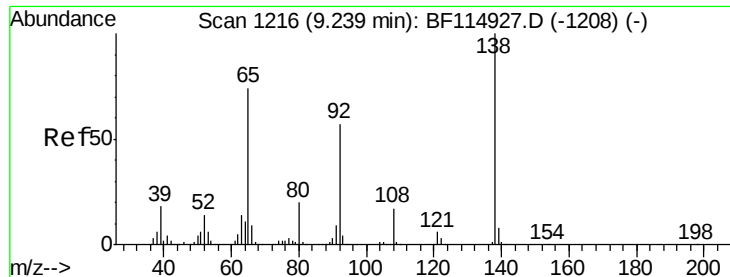
Tot Ion:154 Resp: 2030413
 Ion Ratio Lower Upper
 154 100
 153 41.9 22.8 62.8
 76 14.4 0.0 33.0



#47
 2-Chloronaphthalene
 Concen: 42.532 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.11 min
 Lab File: BF114941.D
 Acq: 11 Jun 2019 12:59

Tgt Ion:162 Resp: 110526
 Ion Ratio Lower Upper
 162 100
 127 15.8 34.6 51.8#
 164 55.4 27.5 41.3#

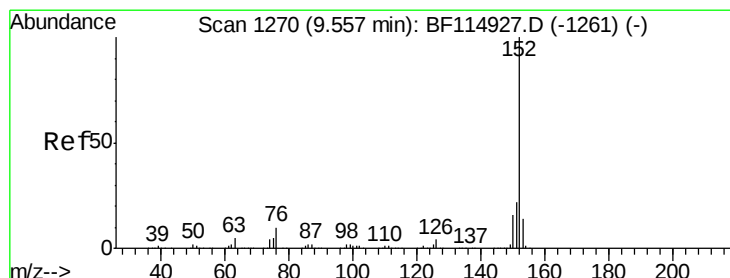
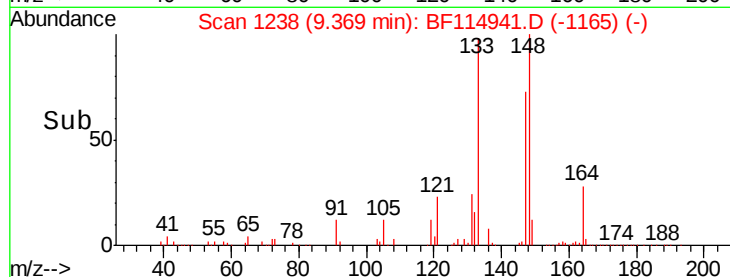
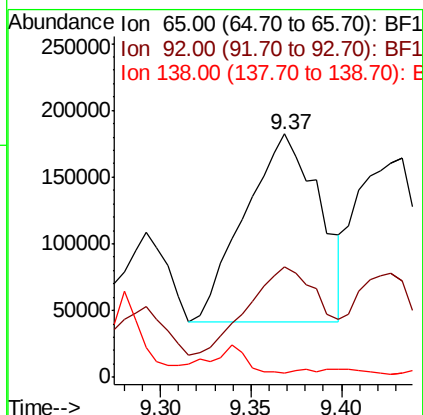
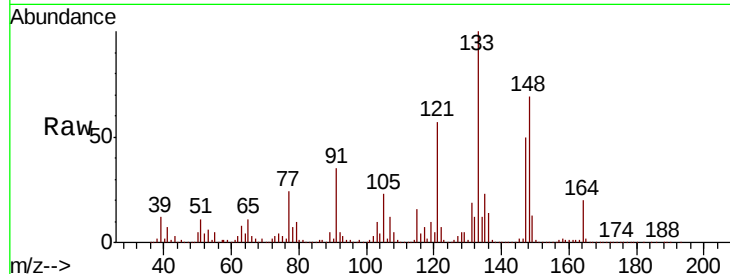




#48
2-Nitroaniline
Concen: 513.922 ng
RT: 9.37 min Scan# 1238
Delta R.T. 0.13 min
Lab File: BF114941.D
Acq: 11 Jun 2019 12:59

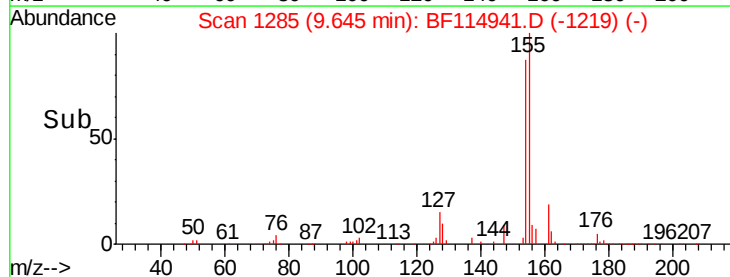
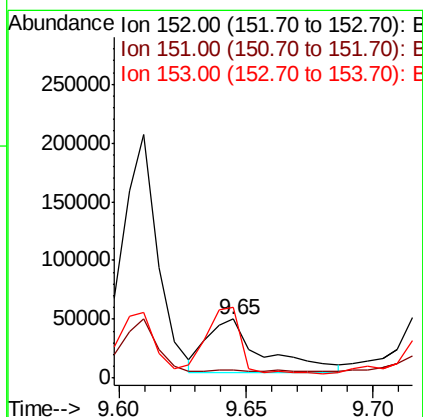
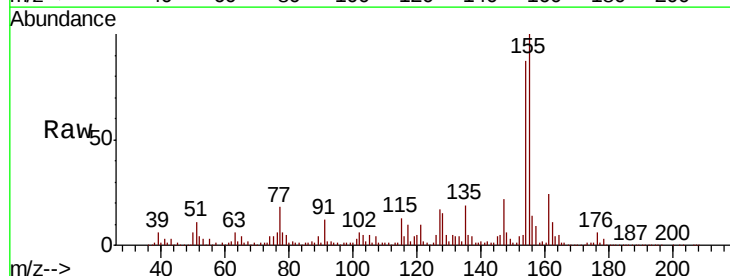
Instrument :
BNA_F
ClientSampled :

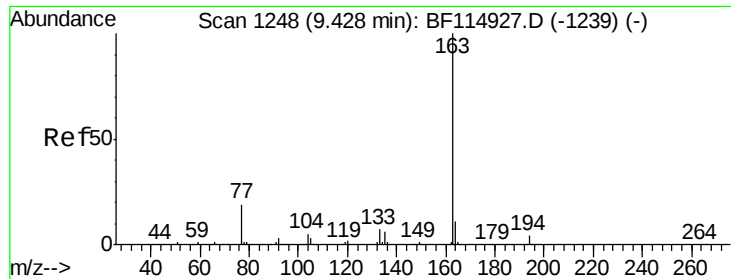
Tot Ion: 65 Resp: 406517
Ion Ratio Lower Upper
65 100
92 45.6 61.9 92.9#
138 2.0 108.6 162.8#



#49
Acenaphthylene
Concen: 17.929 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.09 min
Lab File: BF114941.D
Acq: 11 Jun 2019 12:59

Tgt Ion: 152 Resp: 68657
Ion Ratio Lower Upper
152 100
151 14.3 17.6 26.4#
153 119.5 11.4 17.0#

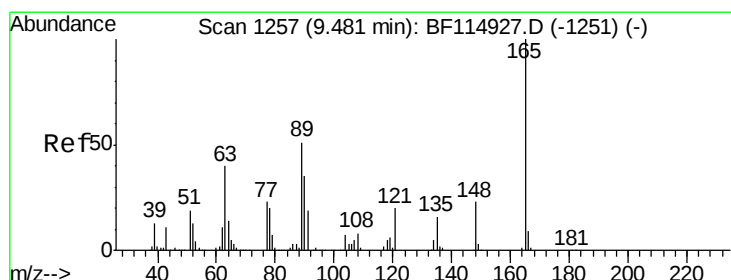
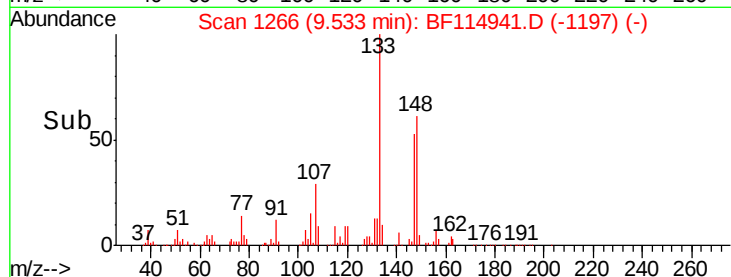
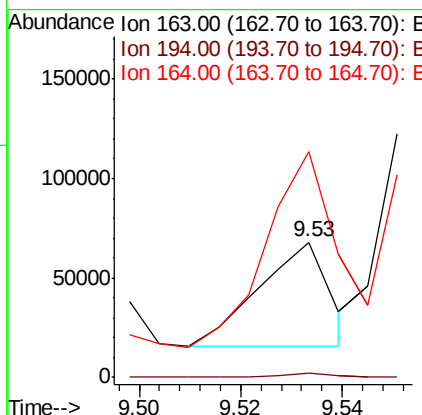
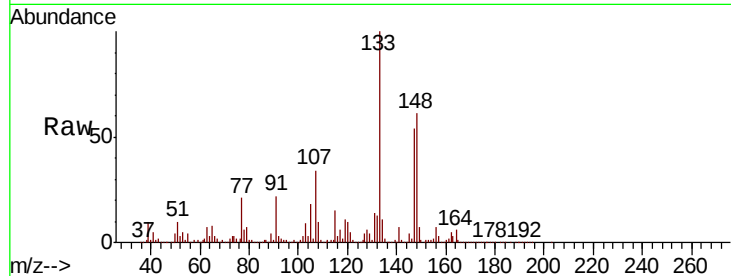




#50
Dimethylphthalate
Concen: 16.133 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.11 min
Lab File: BF114941.D
Acq: 11 Jun 2019 12:59

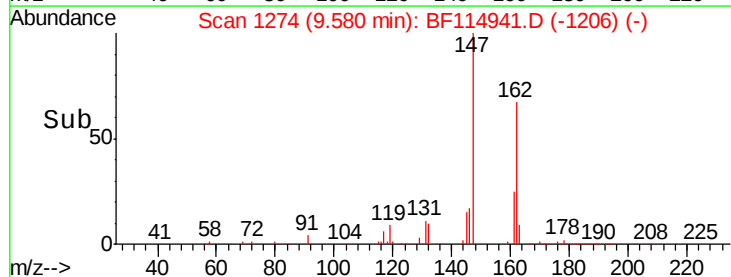
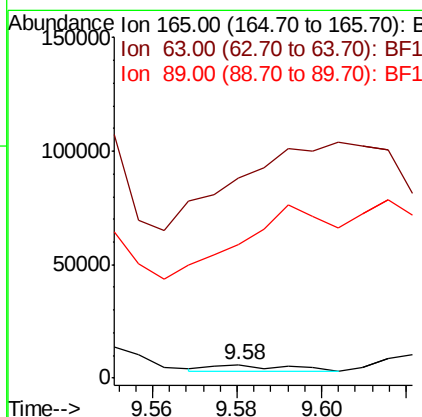
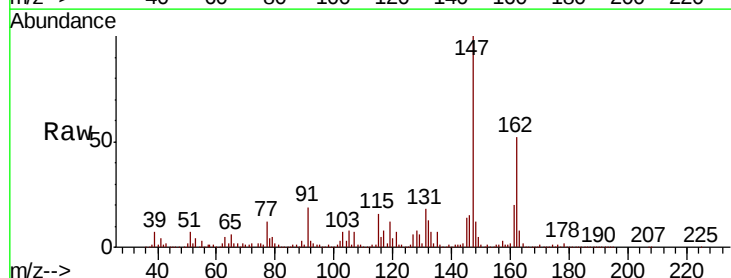
Instrument :
BNA_F
ClientSampled :

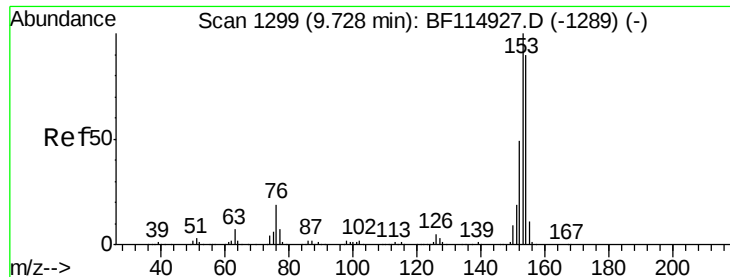
Tot Ion:163 Resp: 49892
Ion Ratio Lower Upper
163 100
194 3.1 3.4 5.0#
164 166.9 8.7 13.1#



#51
2,6-Dinitrotoluene
Concen: 4.284 ng
RT: 9.58 min Scan# 1274
Delta R.T. 0.10 min
Lab File: BF114941.D
Acq: 11 Jun 2019 12:59

Tgt Ion:165 Resp: 3043
Ion Ratio Lower Upper
165 100
63 1454.7 38.3 57.5#
89 971.9 40.8 61.2#





#52

Acenaphthene

Concen: 879.223 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.05 min

Lab File: BF114941.D

Acq: 11 Jun 2019 12:59

Instrument :

BNA_F

ClientSampleId :

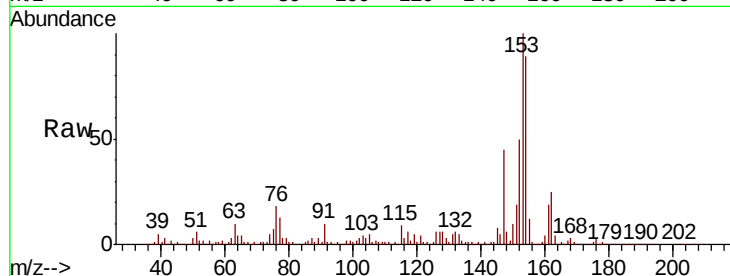
Tot Ion:154 Resp: 2039772

Ion Ratio Lower Upper

154 100

153 111.9 89.1 133.7

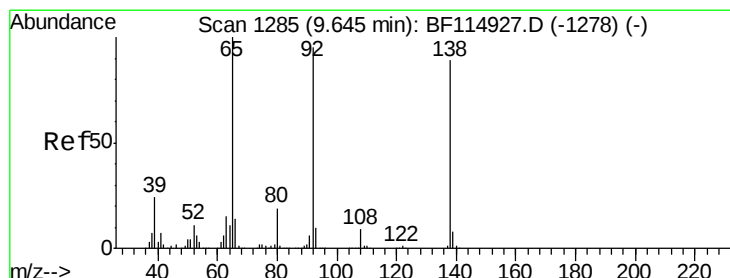
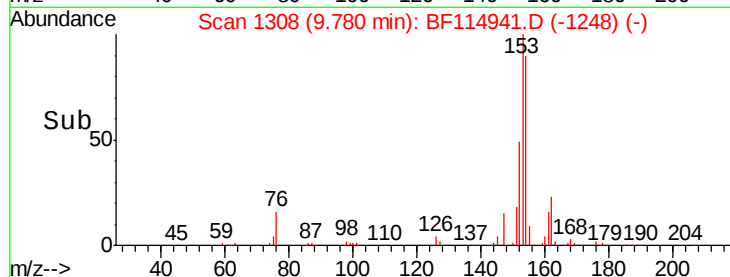
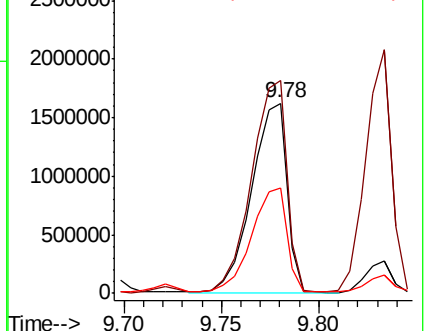
152 55.6 43.8 65.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 8.961 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.11 min

Lab File: BF114941.D

Acq: 11 Jun 2019 12:59

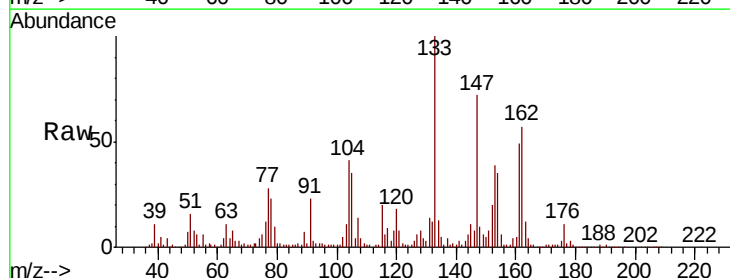
Tgt Ion:138 Resp: 7643

Ion Ratio Lower Upper

138 100

108 510.6 7.9 11.9#

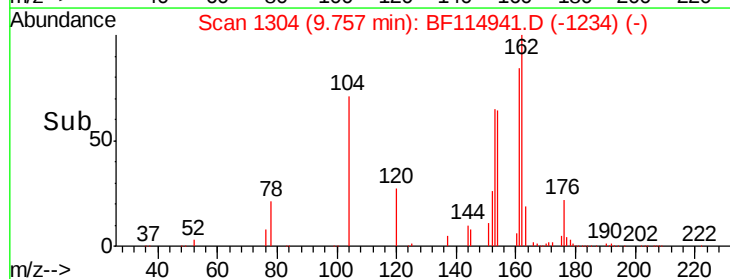
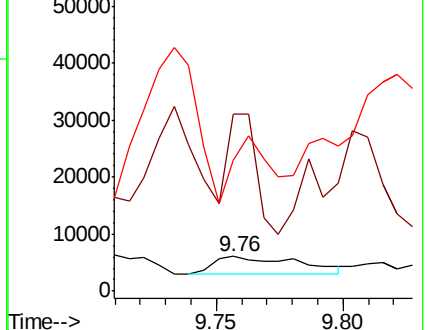
92 377.8 85.0 127.6#

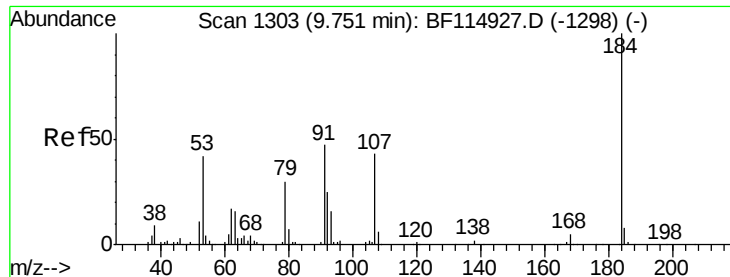


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

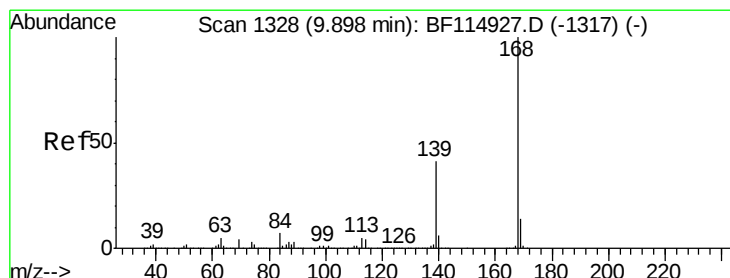
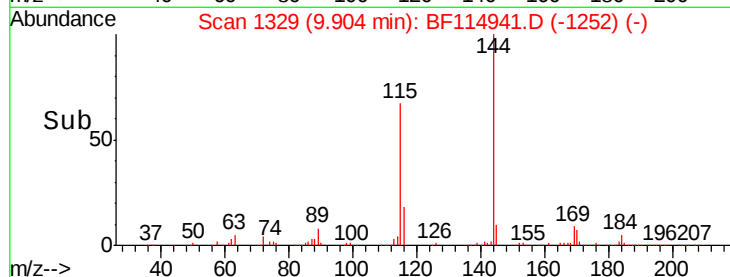
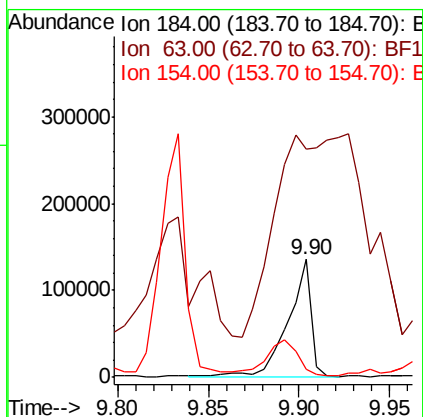
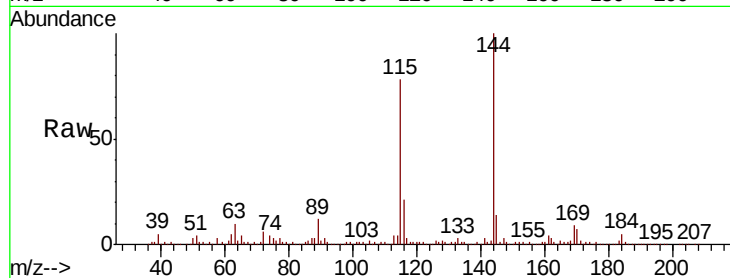




#54
2,4-Dinitrophenol
Concen: 341.510 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.15 min
Lab File: BF114941.D
Acq: 11 Jun 2019 12:59

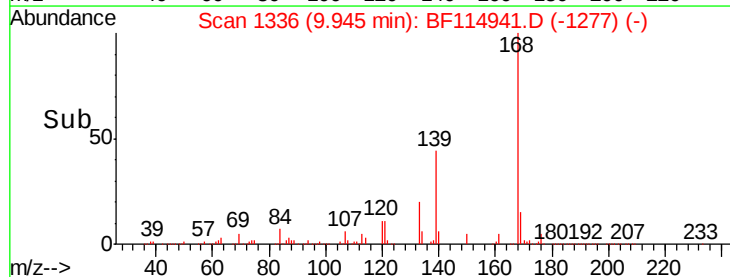
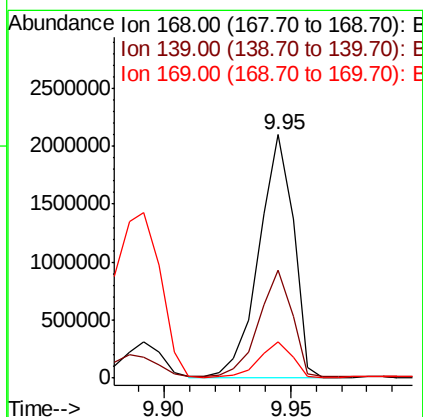
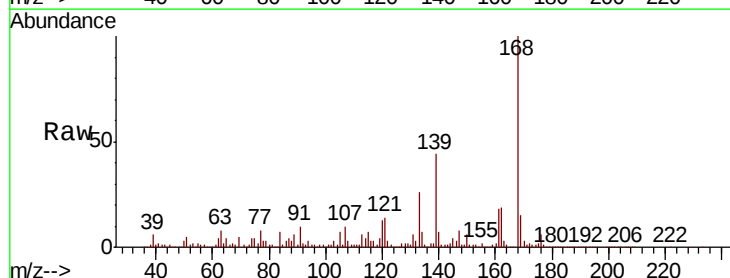
Instrument :
BNA_F
ClientSampled :

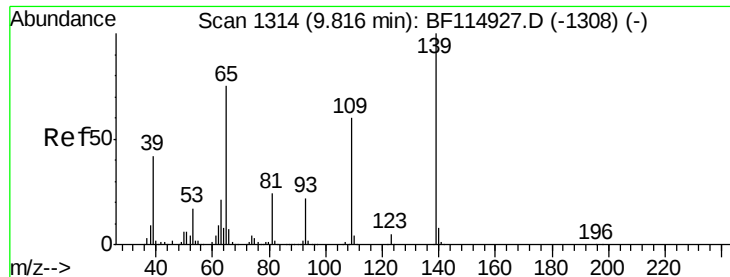
Tot Ion:184 Resp: 120062
Ion Ratio Lower Upper
184 100
63 194.0 47.4 71.0#
154 7.3 48.6 73.0#



#55
Dibenzofuran
Concen: 603.395 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.05 min
Lab File: BF114941.D
Acq: 11 Jun 2019 12:59

Tgt Ion:168 Resp: 1998281
Ion Ratio Lower Upper
168 100
139 44.3 33.0 49.4
169 14.6 11.6 17.4

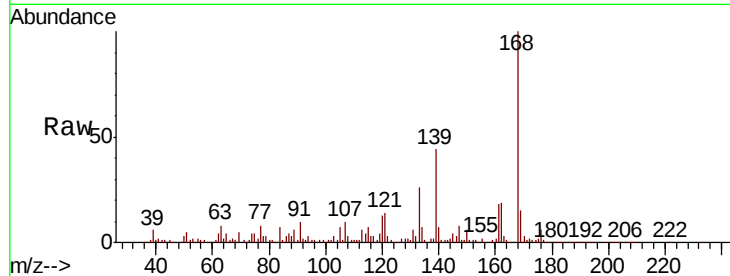




#56
4-Nitrophenol
Concen: 1389.460 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.13 min
Lab File: BF114941.D
Acq: 11 Jun 2019 12:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	2.3	40.0	80.0#
65	9.2	55.0	95.0#

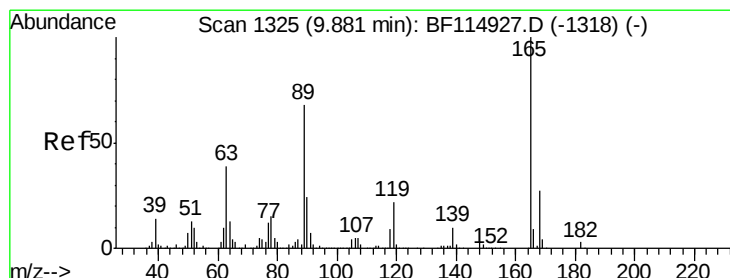
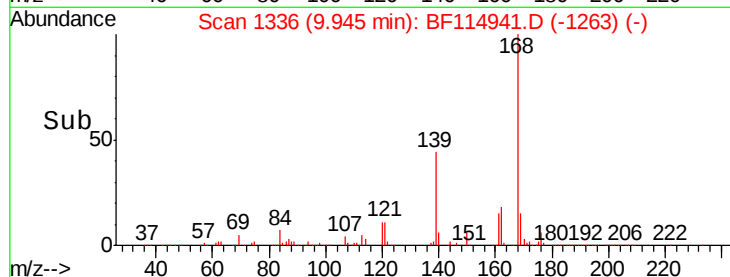
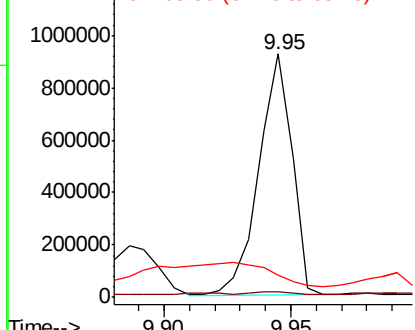


Abundance

Ion 139.00 (138.70 to 139.70): E

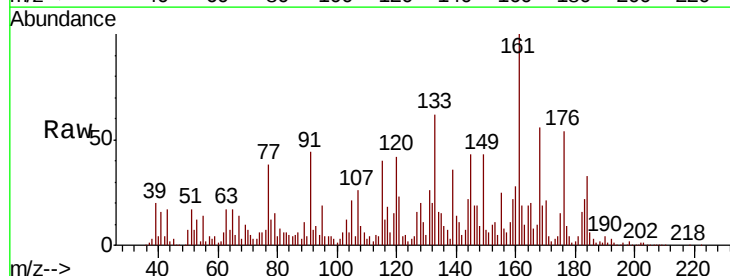
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#57
2,4-Dinitrotoluene
Concen: 49.368 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.16 min
Lab File: BF114941.D
Acq: 11 Jun 2019 12:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	85.7	31.8	47.6#
89	53.0	54.2	81.2#
182	78.1	2.1	3.1#



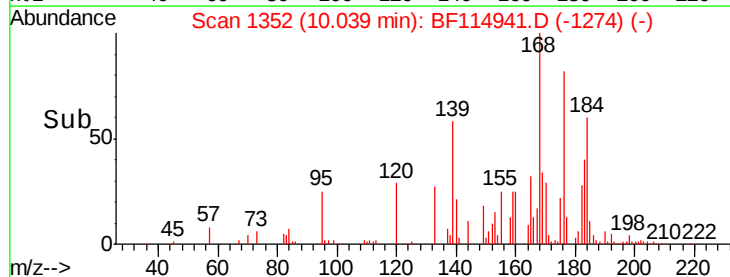
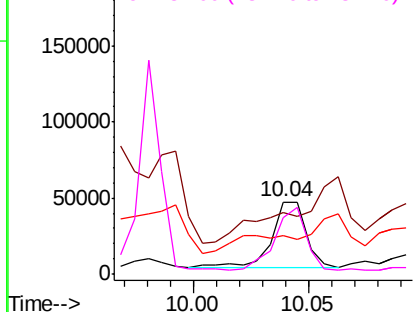
Abundance

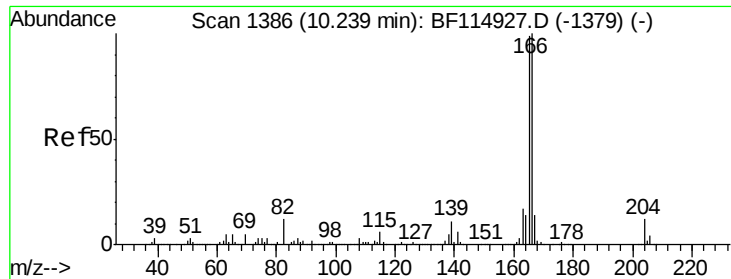
Ion 165.00 (164.70 to 165.70): E

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

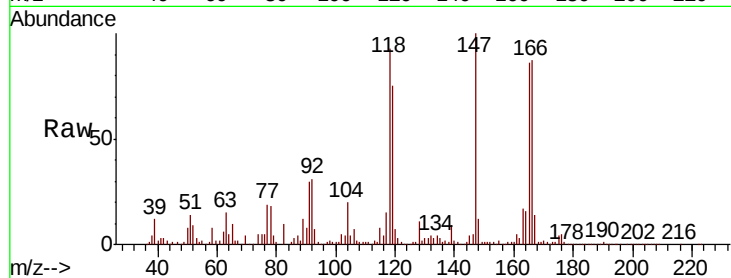




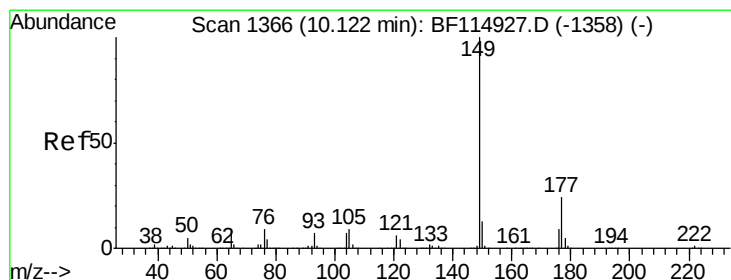
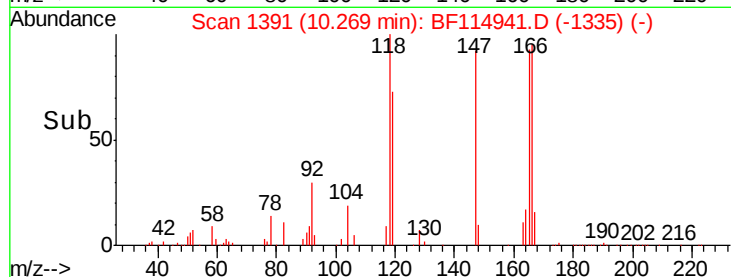
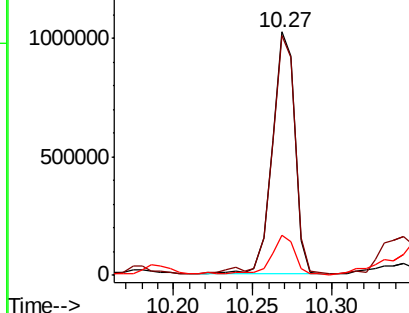
#58
 Fluorene
 Concen: 396.632 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.03 min
 Lab File: BF114941.D
 Acq: 11 Jun 2019 12:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 1012543
 Ion Ratio Lower Upper
 166 100
 165 98.6 79.2 118.8
 167 16.4 11.0 16.6

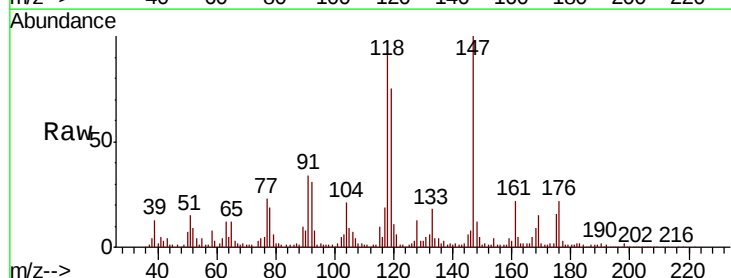


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

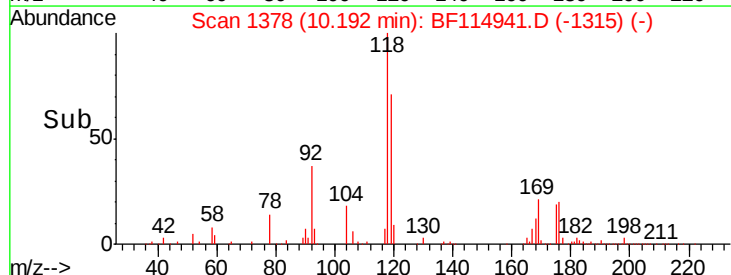
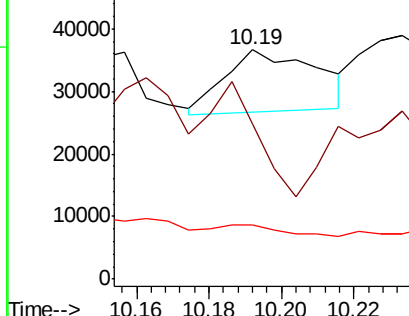


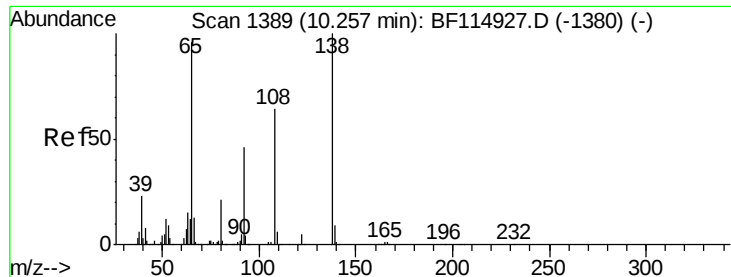
#60
 Diethylphthalate
 Concen: 5.739 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. 0.07 min
 Lab File: BF114941.D
 Acq: 11 Jun 2019 12:59

Tgt Ion:149 Resp: 17250
 Ion Ratio Lower Upper
 149 100
 177 67.9 19.1 28.7#
 150 23.7 10.6 16.0#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

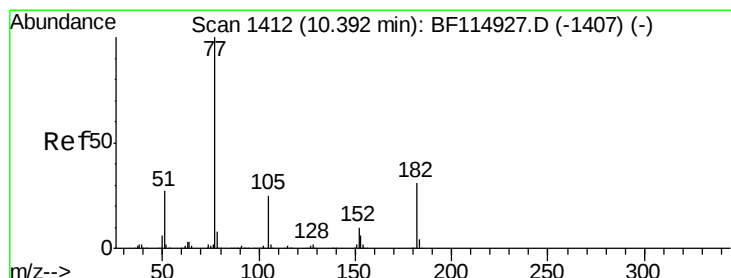
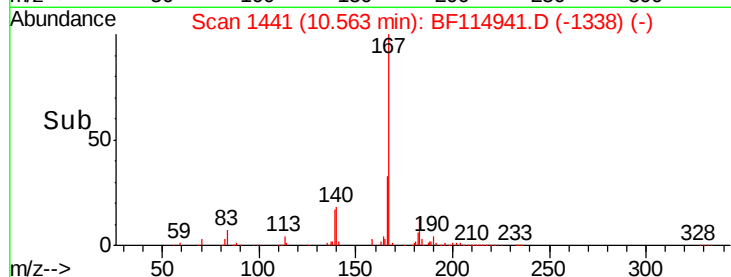
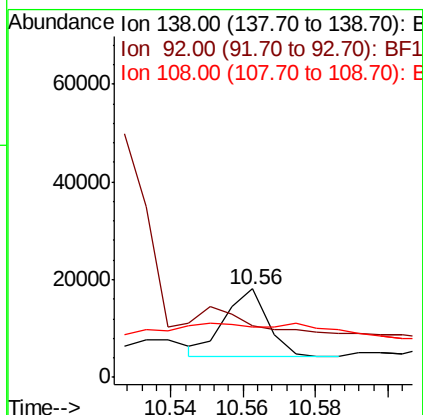
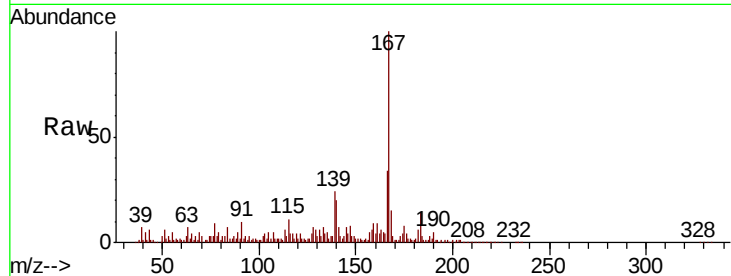




#62
4-Nitroaniline
Concen: 12.797 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.31 min
Lab File: BF114941.D
Acq: 11 Jun 2019 12:59

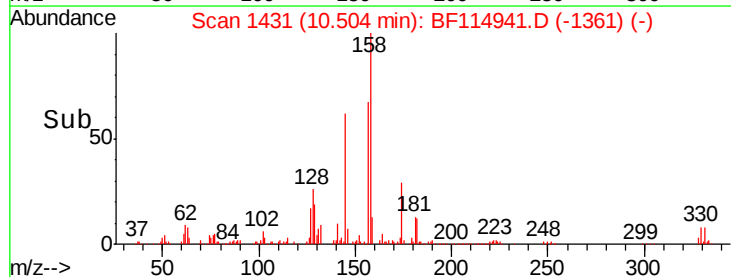
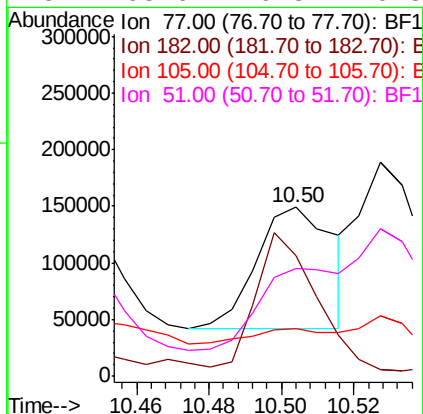
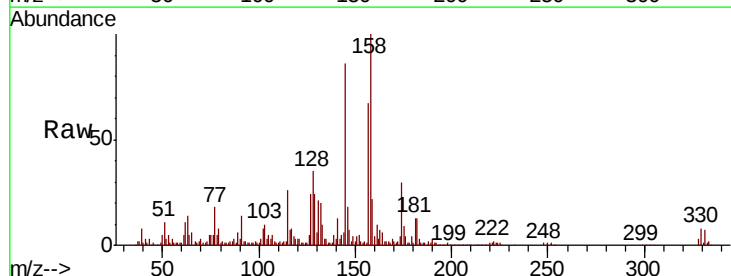
Instrument :
BNA_F
ClientSampleId :

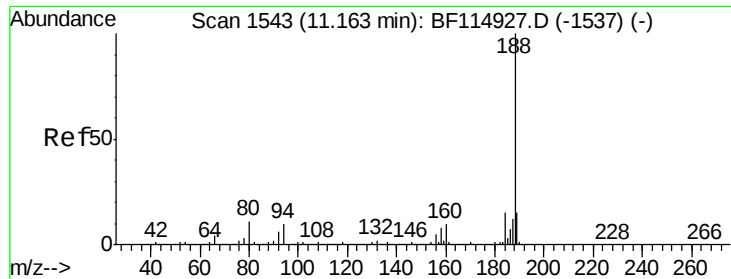
Tot Ion:138 Resp: 11186
Ion Ratio Lower Upper
138 100
92 57.8 26.0 66.0
108 57.5 44.0 84.0



#63
Azobenzene
Concen: 60.593 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.11 min
Lab File: BF114941.D
Acq: 11 Jun 2019 12:59

Tgt Ion: 77 Resp: 158520
Ion Ratio Lower Upper
77 100
182 71.2 10.8 50.8#
105 27.8 5.3 45.3
51 63.6 6.8 46.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1547

Delta R.T. 0.02 min

Lab File: BF114941.D

Acq: 11 Jun 2019 12:59

Instrument :

BNA_F

ClientSampled :

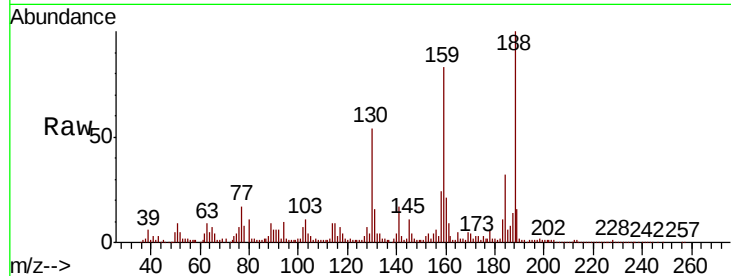
Tot Ion:188 Resp: 677021

Ion Ratio Lower Upper

188 100

94 9.8 8.1 12.1

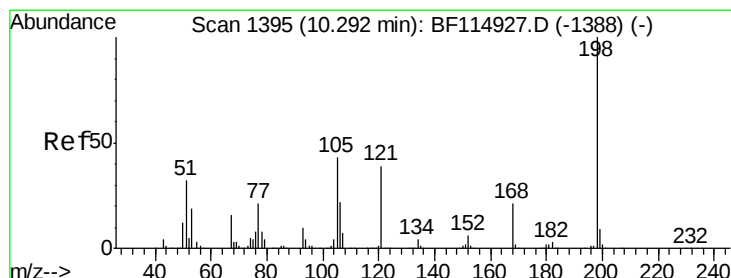
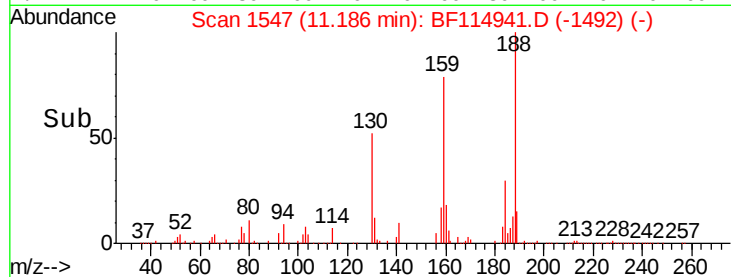
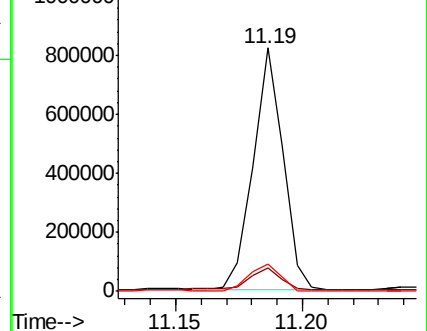
80 11.2 8.6 12.8



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: 14.700 ng

RT: 10.35 min Scan# 1404

Delta R.T. 0.05 min

Lab File: BF114941.D

Acq: 11 Jun 2019 12:59

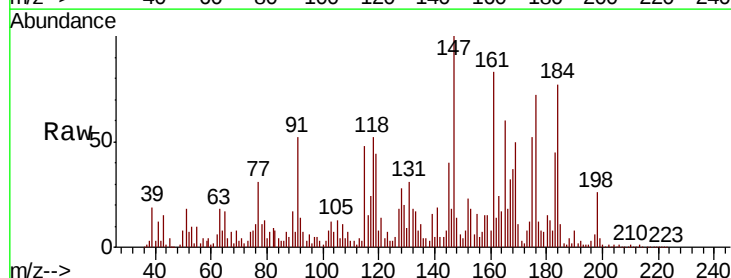
Tgt Ion:198 Resp: 55812

Ion Ratio Lower Upper

198 100

51 69.7 16.8 56.8#

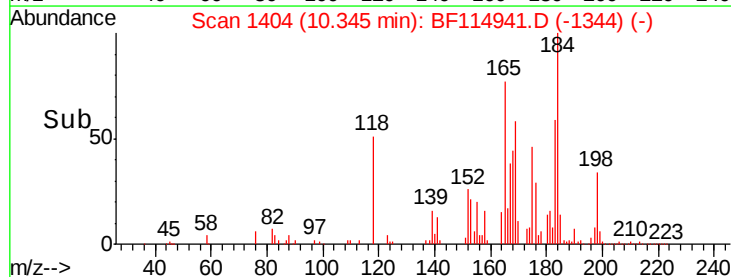
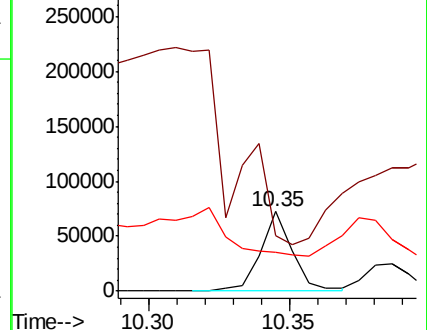
105 48.8 23.5 63.5

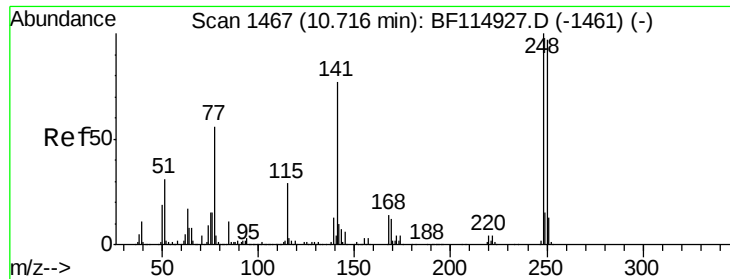


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

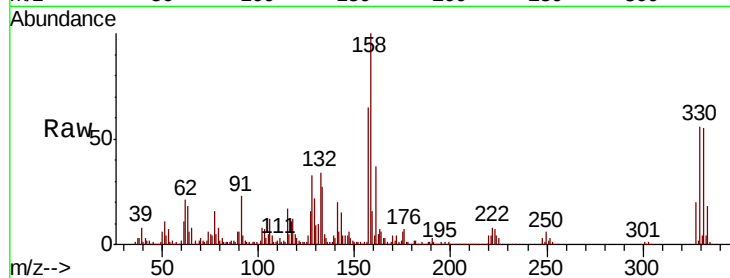




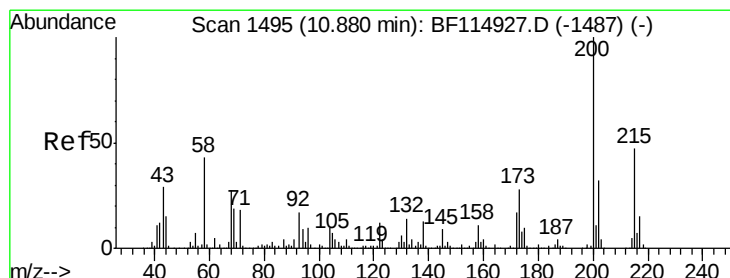
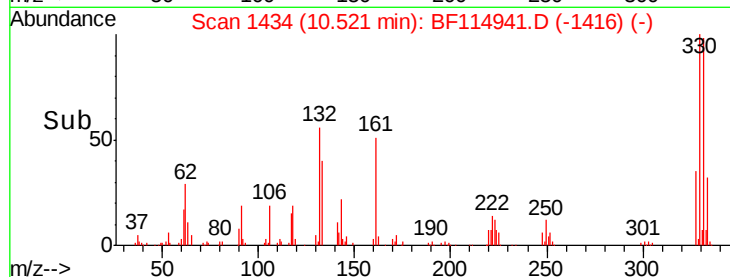
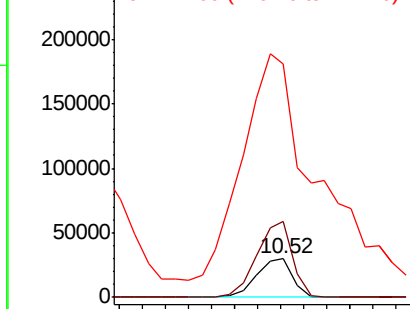
#67
 4-Bromophenyl-phenylether
 Concen: 4.401 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.19 min
 Lab File: BF114941.D
 Acq: 11 Jun 2019 12:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 32272
 Ion Ratio Lower Upper
 248 100
 250 196.5 77.4 116.0#
 141 608.3 61.8 92.6#

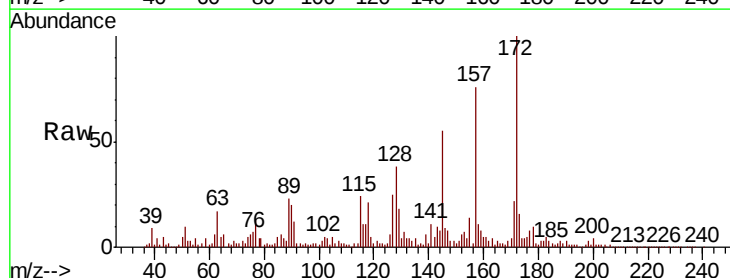


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

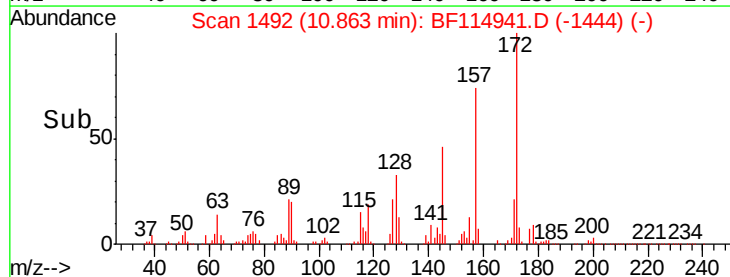
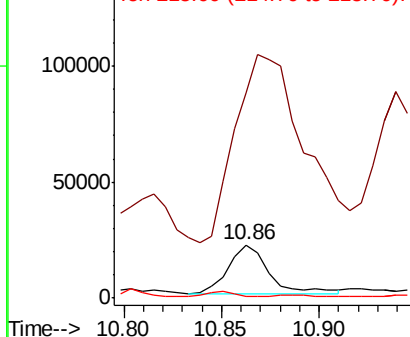


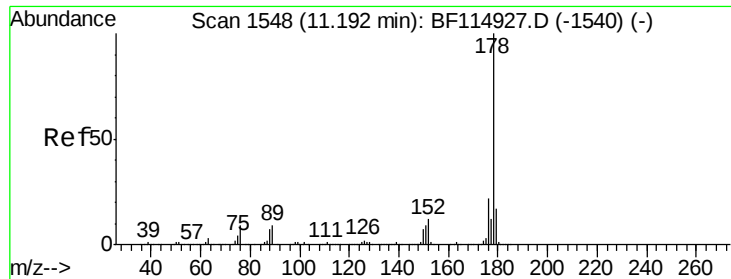
#69
 Atrazine
 Concen: 4.537 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.02 min
 Lab File: BF114941.D
 Acq: 11 Jun 2019 12:59

Tgt Ion:200 Resp: 30752
 Ion Ratio Lower Upper
 200 100
 173 388.3 8.3 48.3#
 215 3.9 26.6 66.6#



Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

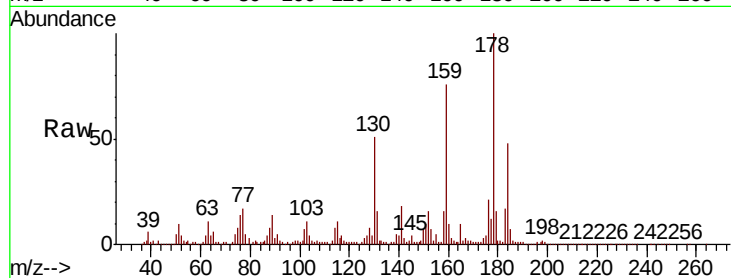




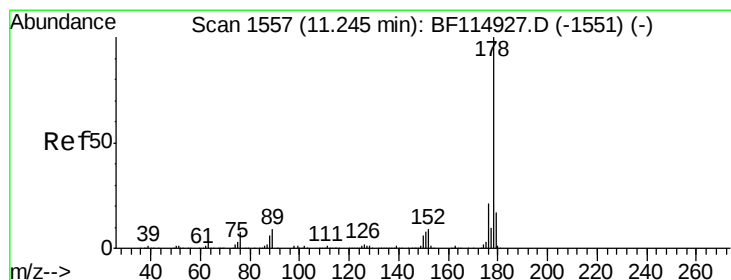
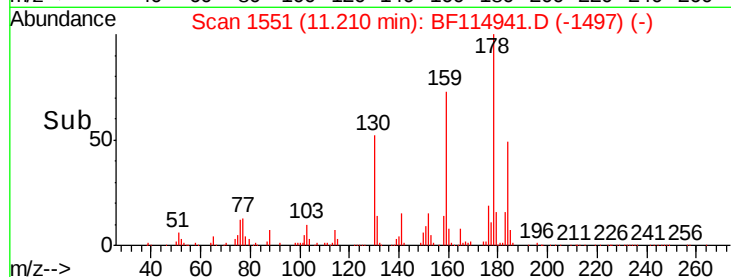
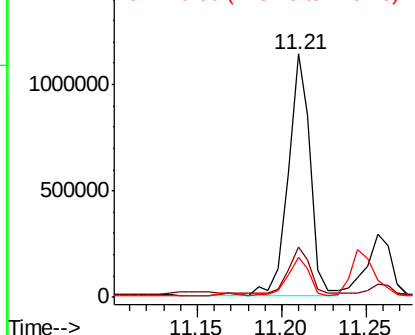
#71
Phenanthrene
Concen: 31.341 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.02 min
Lab File: BF114941.D
Acq: 11 Jun 2019 12:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1029460
Ion Ratio Lower Upper
178 100
176 20.7 17.4 26.2
179 16.3 13.6 20.4

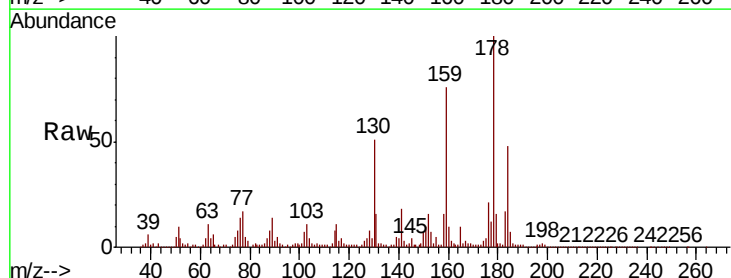


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

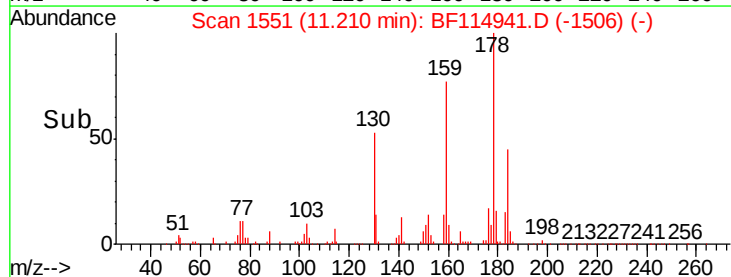
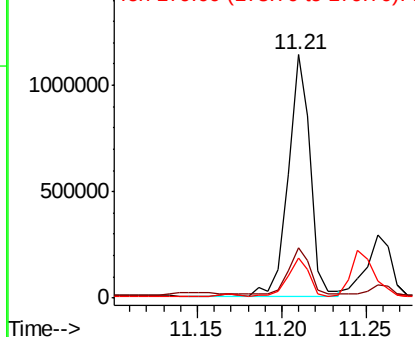


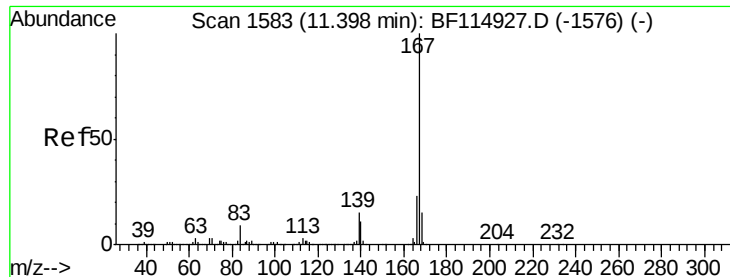
#72
Anthracene
Concen: 30.878 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.04 min
Lab File: BF114941.D
Acq: 11 Jun 2019 12:59

Tgt Ion:178 Resp: 1029460
Ion Ratio Lower Upper
178 100
176 20.7 16.6 25.0
179 16.3 13.4 20.2



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

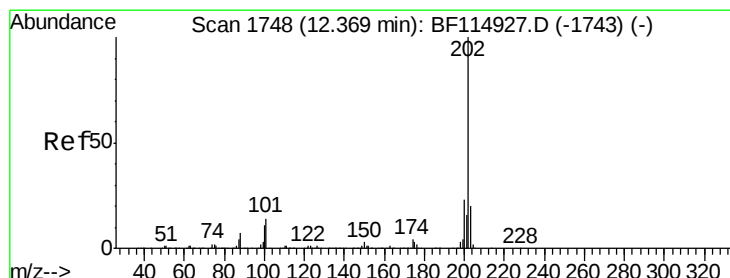
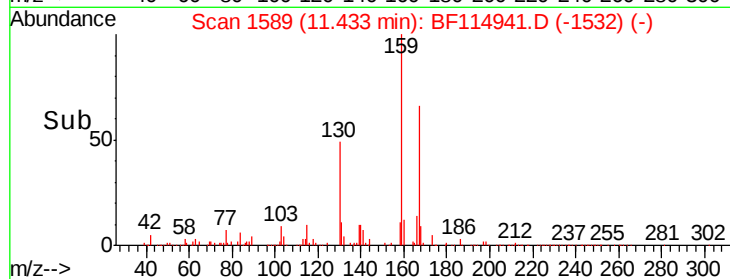
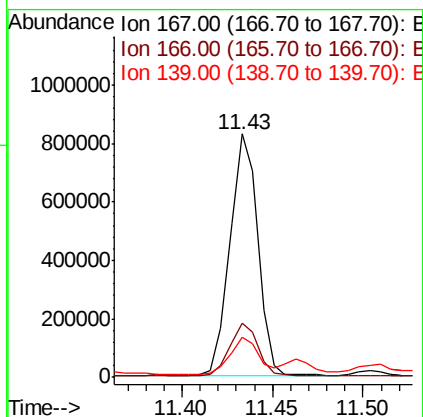
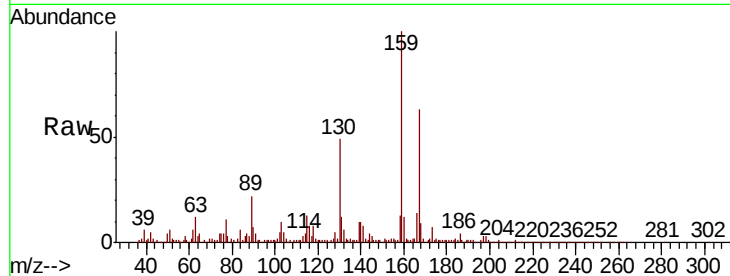




#73
 Carbazole
 Concen: 29.141 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.04 min
 Lab File: BF114941.D
 Acq: 11 Jun 2019 12:59

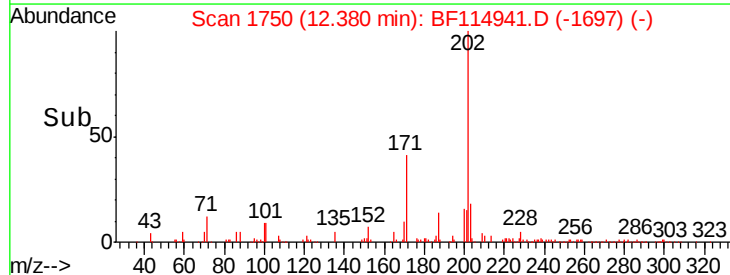
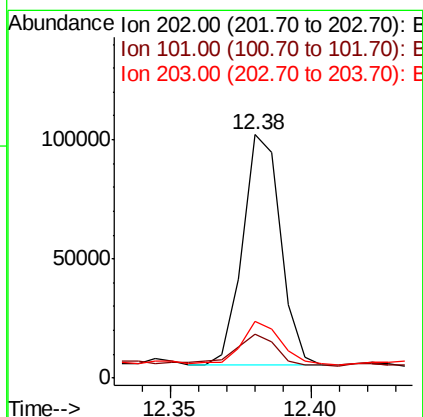
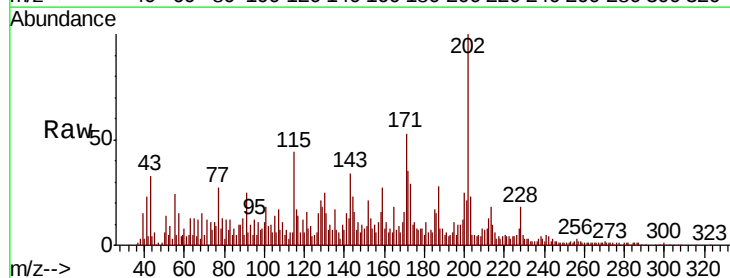
Instrument :
 BNA_F
 ClientSampleId :

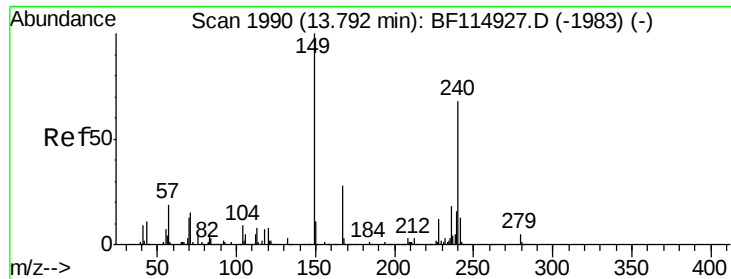
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.8	28.2
139	16.2	11.6	17.4



#75
 Fluoranthene
 Concen: 2.643 ng
 RT: 12.38 min Scan# 1750
 Delta R.T. 0.01 min
 Lab File: BF114941.D
 Acq: 11 Jun 2019 12:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	18.2	0.0	34.3
203	23.3	0.0	39.6

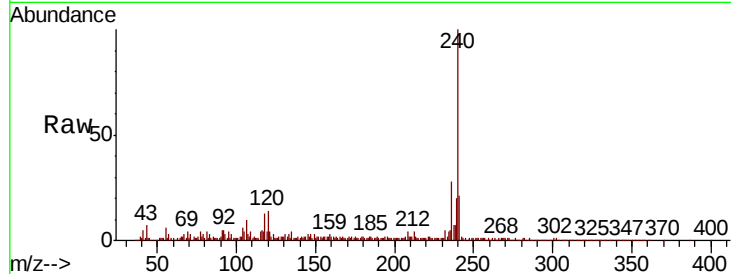




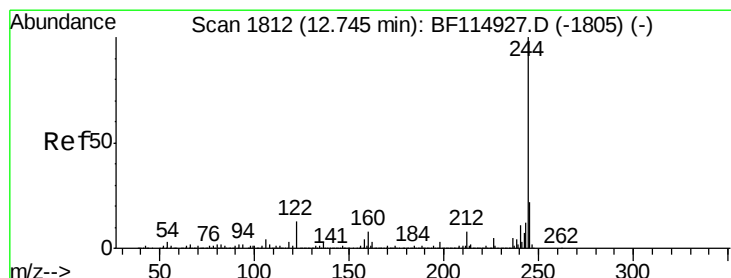
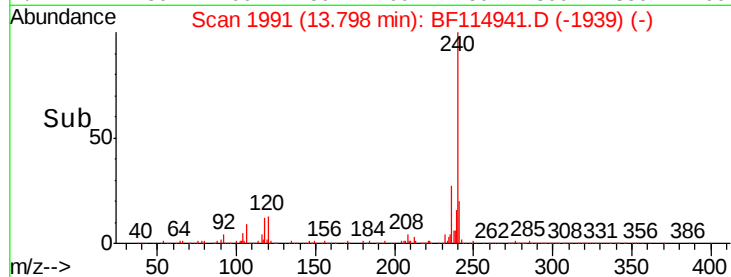
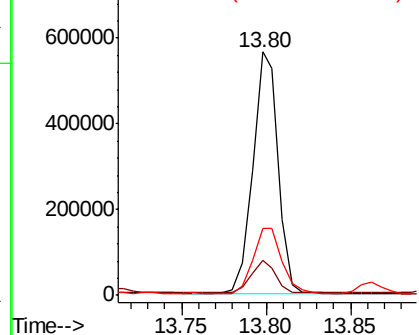
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BF114941.D
Acq: 11 Jun 2019 12:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 582714
Ion Ratio Lower Upper
240 100
120 14.2 9.2 13.8#
236 27.6 21.7 32.5

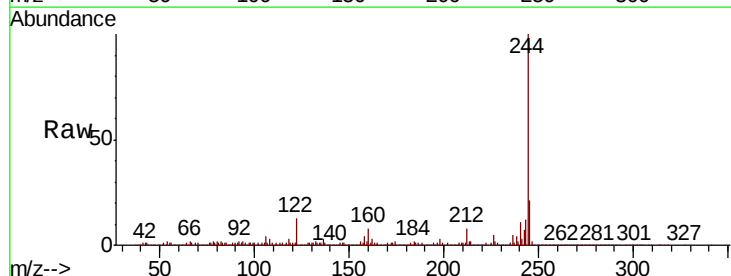


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

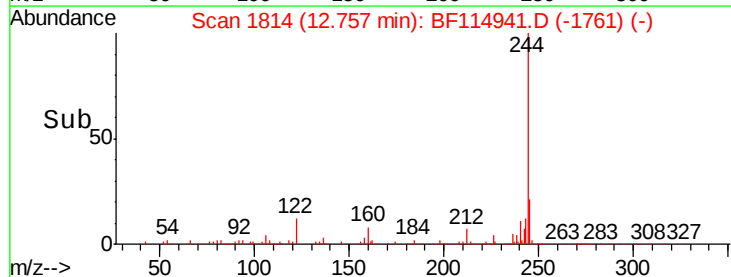
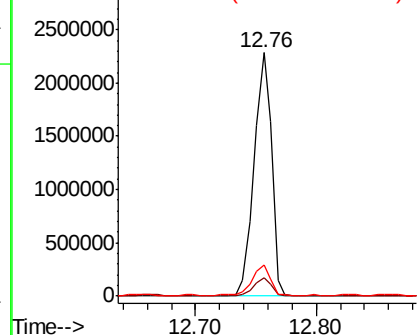


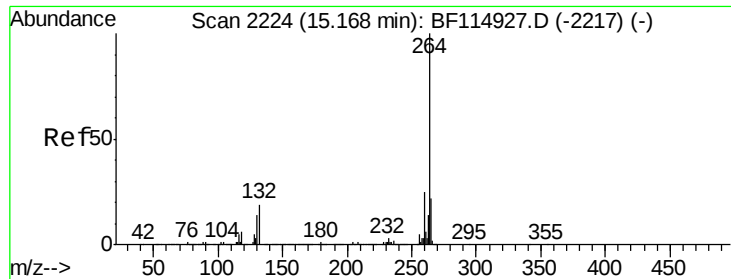
#79
Terphenyl-d14
Concen: 78.931 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BF114941.D
Acq: 11 Jun 2019 12:59

Tgt Ion:244 Resp: 2312749
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 12.7 10.2 15.4



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





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.19 min Scan# 2228
 Delta R.T. 0.02 min
 Lab File: BF114941.D
 Acq: 11 Jun 2019 12:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	21.6	17.5	26.3

