

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012519\
 Data File : BF112252.D
 Acq On : 26 Jan 2019 00:35
 Operator : JU/SJ
 Sample : K1015-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-012419-B

Quant Time: Jan 27 23:45:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 25 16:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	216548	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	881996	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	394690	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	703009	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	434035	20.00	ng	-0.02
87) Perylene-d12	15.46	264	443257	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	557493	54.68	ng	0.00
7) Phenol-d6	6.48	99	693702	48.97	ng	-0.03
23) Nitrobenzene-d5	7.40	82	435171	28.43	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	170419	37.10	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1001274	35.88	ng	-0.01
79) Terphenyl-d14	12.94	244	898832	39.00	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.63	88	228	0.056	ng	# 78
4) n-Nitrosodimethylamine	3.51	42	120	0.028	ng	# 1
6) Aniline	6.62	93	764	0.045	ng	# 1
9) Benzaldehyde	6.48	77	944	0.127	ng	# 1
10) Phenol	6.50	94	572	0.037	ng	# 1
11) bis(2-Chloroethyl)ether	6.62	93	764	0.062	ng	# 1
15) Benzyl Alcohol	6.99	79	7771	0.651	ng	# 54
16) 2,2'-oxybis(1-Chloropropan	7.09	45	256	0.016	ng	# 63
19) n-Nitroso-di-n-propylamine	7.40	70	56965	5.832	ng	# 73
24) Nitrobenzene	7.40	77	1491	0.098	ng	# 38
25) Isophorone	7.40	82	421835	17.566	ng	# 63
31) Naphthalene	8.15	128	21495	0.521	ng	# 96
33) 4-Chloroaniline	8.15	127	2624	0.146	ng	# 50
37) 2-Methylnaphthalene	8.84	142	1811	0.064	ng	# 93
38) 1-Methylnaphthalene	8.94	142	1302	0.048	ng	# 88
46) 1,1'-Biphenyl	9.30	154	2149	0.062	ng	# 97
48) 2-Nitroaniline	9.19	65	1421	0.195	ng	# 1
49) Acenaphthylene	9.74	152	326	0.008	ng	# 59
51) 2,6-Dinitrotoluene	9.87	165	50502	7.353	ng	# 33
52) Acenaphthene	9.91	154	1231	0.053	ng	# 76
55) Dibenzofuran	10.09	168	2143	0.060	ng	# 96
56) 4-Nitrophenol	10.09	139	730	0.186	ng	# 12
57) 2,4-Dinitrotoluene	9.87	165	50502	5.776	ng	# 31
58) Fluorene	10.43	166	2257	0.084	ng	# 90
60) Diethylphthalate	10.29	149	467	0.015	ng	# 58
63) Azobenzene	10.66	77	609	0.023	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.66	198	267	0.068	ng	# 1
66) n-Nitrosodiphenylamine	10.66	169	5000	0.211	ng	# 43
67) 4-Bromophenyl-phenylether	10.67	248	9373	1.134	ng	# 1
71) Phenanthrene	11.39	178	4720	0.129	ng	# 97
72) Anthracene	11.39	178	4720	0.130	ng	# 96
73) Carbazole	11.60	167	5793	0.161	ng	# 92
74) Di-n-butylphthalate	11.92	149	1426	0.032	ng	# 77
75) Fluoranthene	12.58	202	1907	0.049	ng	# 74

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 25 16:47:00 2019
Response via : Initial Calibration

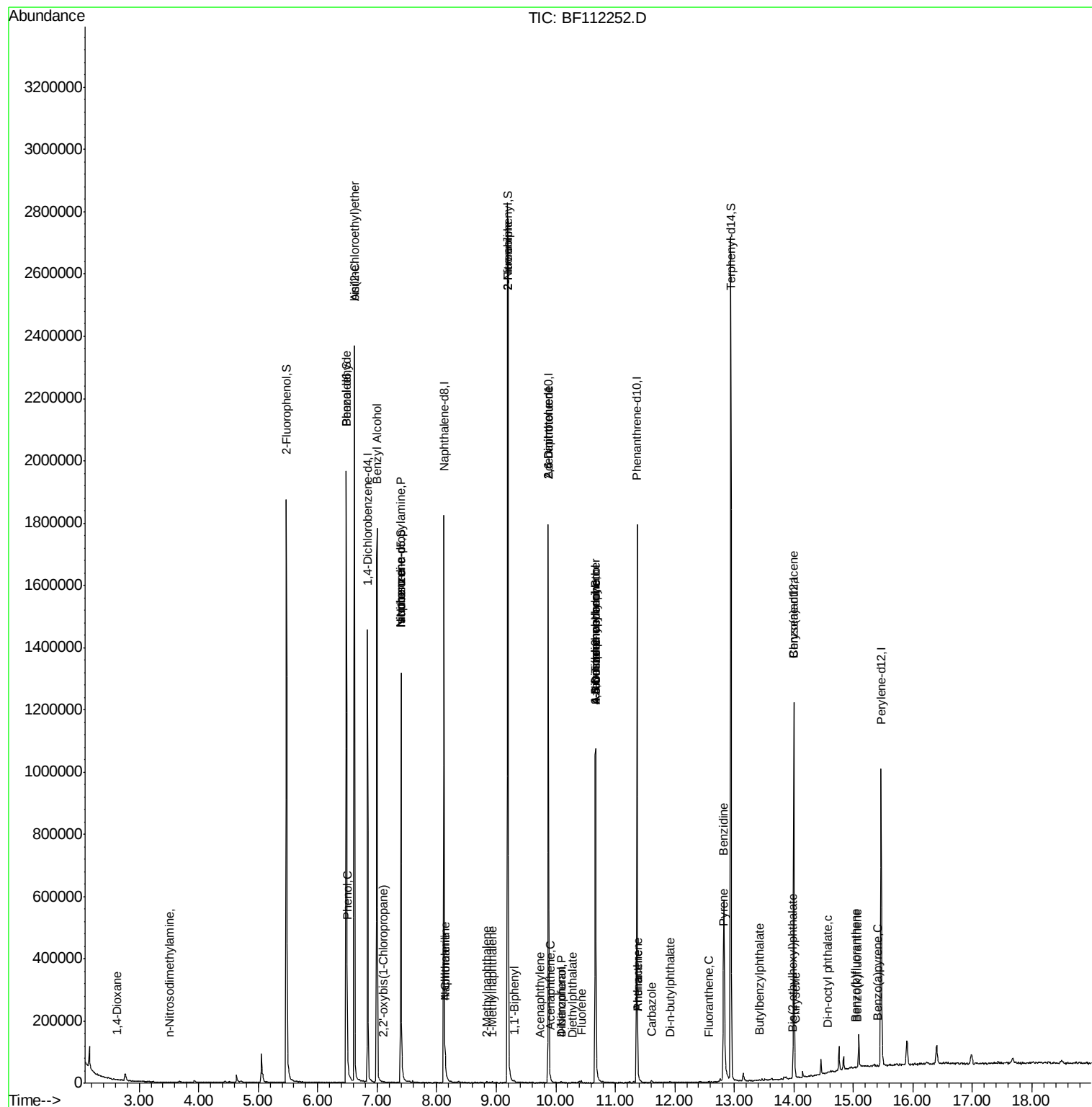
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Benzidine	12.82	184	1974	0.165	ng	# 1
78) Pyrene	12.81	202	1865	0.062	ng	# 81
80) Butylbenzylphthalate	13.42	149	381	0.026	ng	# 39
81) Benzo(a)anthracene	13.99	228	3594	0.141	ng	94
83) Chrysene	14.03	228	3013	0.124	ng	97
84) Bis(2-ethylhexyl)phthalate	13.97	149	1384	0.067	ng	# 86
85) Di-n-octyl phthalate	14.58	149	1210	0.038	ng	# 22
88) Benzo(b)fluoranthene	15.04	252	640	0.024	ng	# 40
89) Benzo(k)fluoranthene	15.06	252	531	0.021	ng	# 1
90) Benzo(a)pyrene	15.40	252	299	0.013	ng	# 60

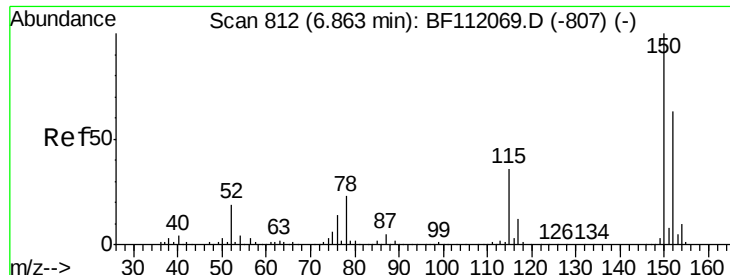
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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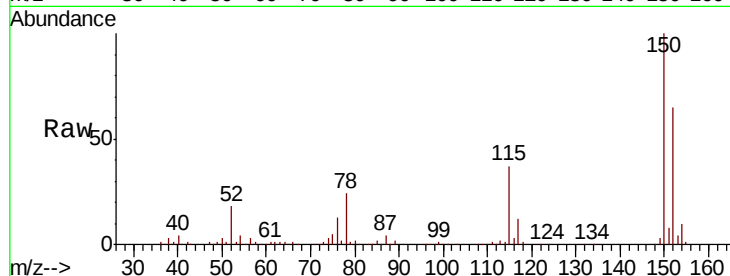




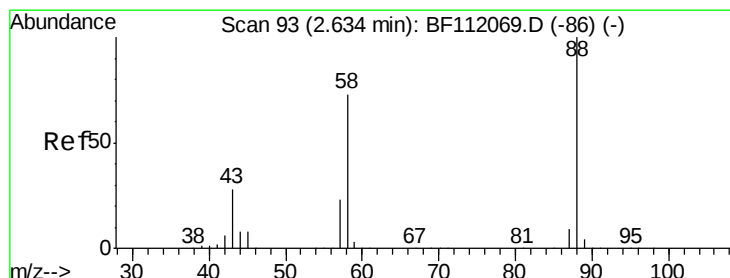
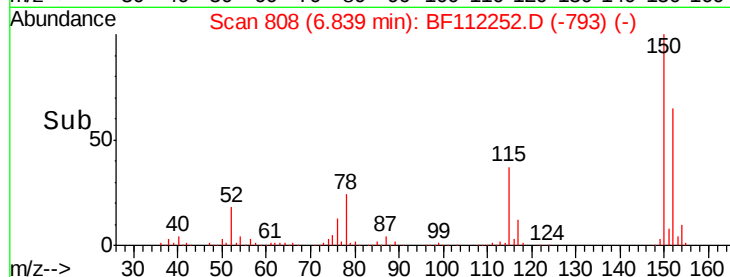
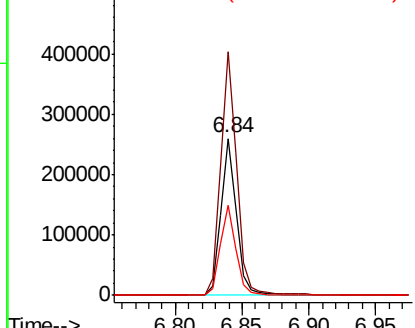
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF112252.D
 Acq: 26 Jan 2019 00:35

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-012419-B

Tgt Ion:152 Resp: 216548
 Ion Ratio Lower Upper
 152 100
 150 155.0 127.4 191.0
 115 57.4 45.5 68.3

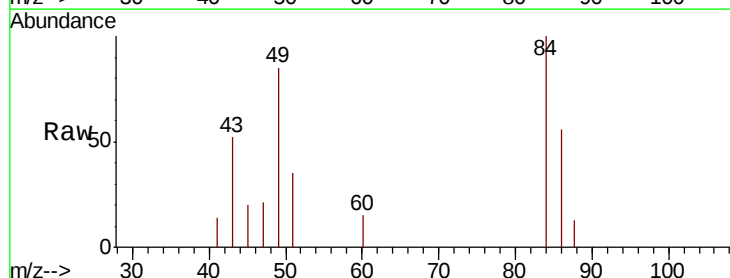


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

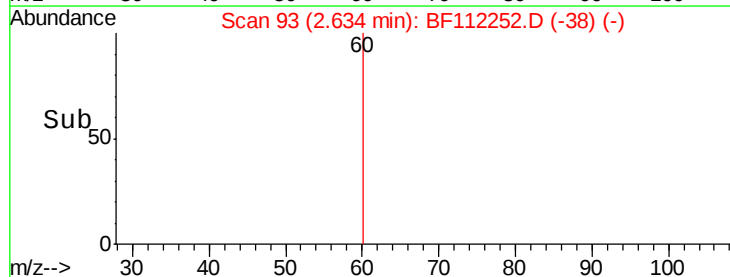
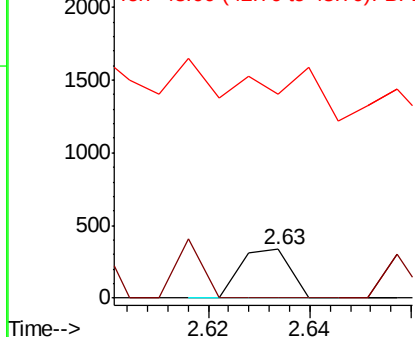


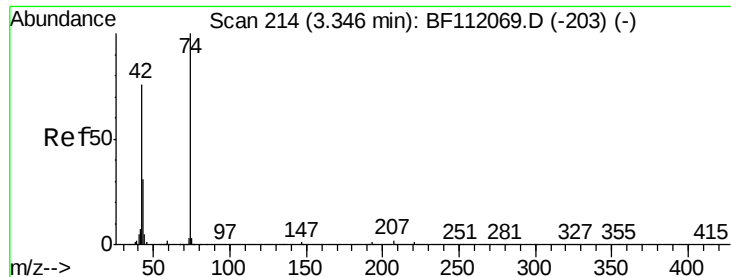
#2
 1,4-Dioxane
 Concen: 0.056 ng
 RT: 2.63 min Scan# 93
 Delta R.T. 0.02 min
 Lab File: BF112252.D
 Acq: 26 Jan 2019 00:35

Tgt Ion: 88 Resp: 228
 Ion Ratio Lower Upper
 88 100
 58 63.6 57.4 86.2
 43 0.0 22.2 33.4#



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



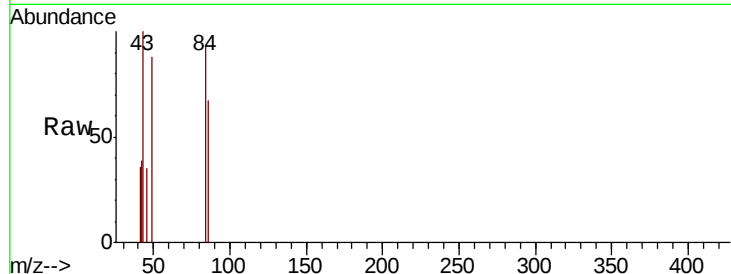


#4

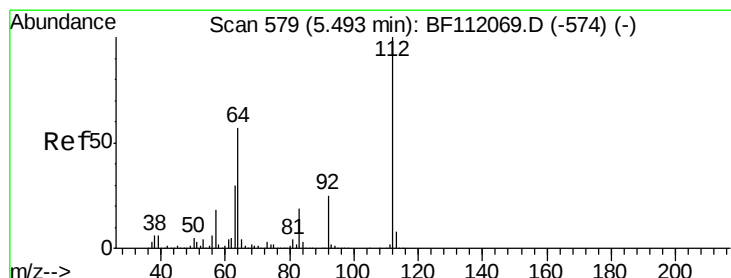
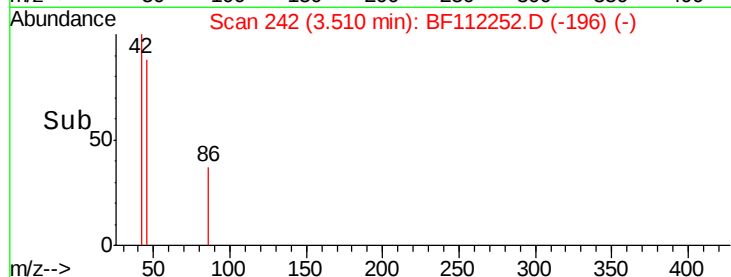
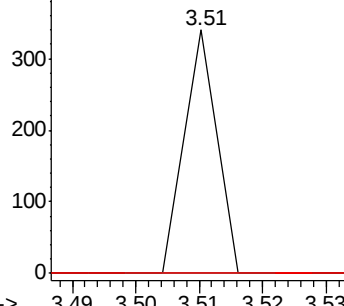
n-Nitrosodimethylamine
 Concen: 0.028 ng
 RT: 3.51 min Scan# 242
 Delta R.T. 0.17 min
 Lab File: BF112252.D
 Acq: 26 Jan 2019 00:35

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-012419-B

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	105.6	158.4#
44	0.0	5.4	8.2#



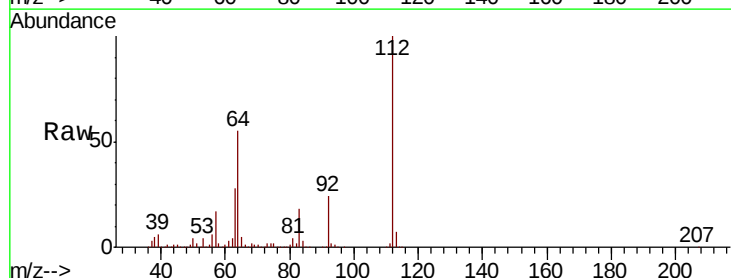
Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1



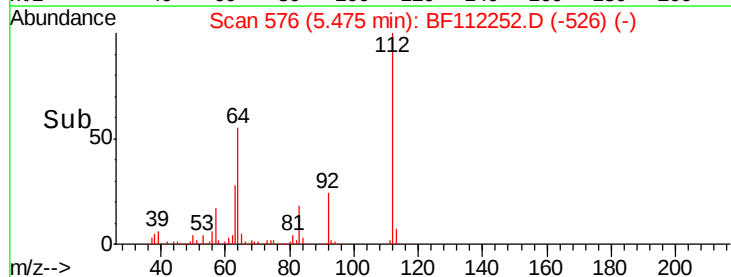
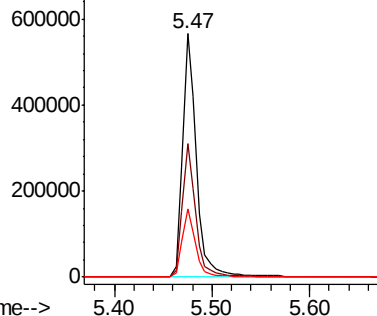
#5

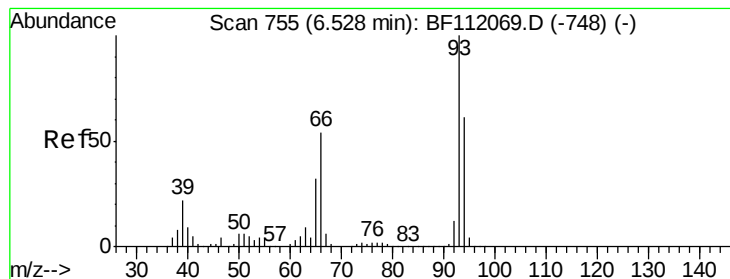
2-Fluorophenol
 Concen: 54.683 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF112252.D
 Acq: 26 Jan 2019 00:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	45.7	68.5
63	28.1	23.6	35.4



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: 0.045 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.09 min

Lab File: BF112252.D

Acq: 26 Jan 2019 00:35

Instrument :

BNA_F

ClientSampleId :

SU-04-012419-B

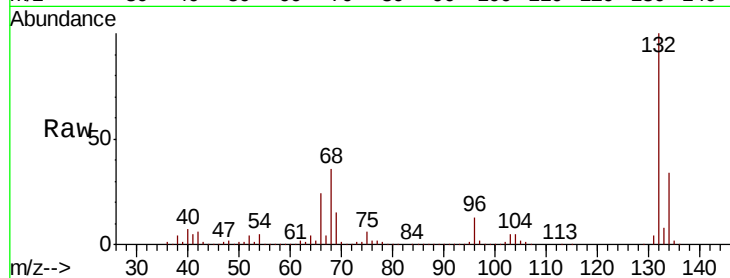
Tgt Ion: 93 Resp: 764

Ion Ratio Lower Upper

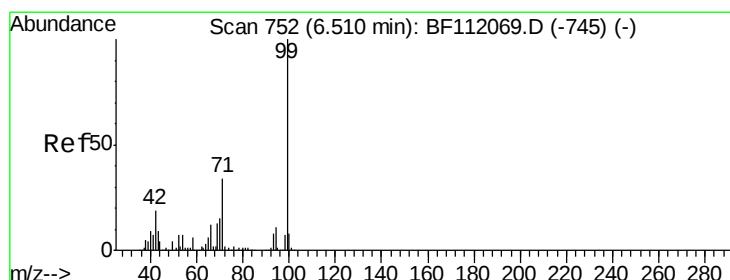
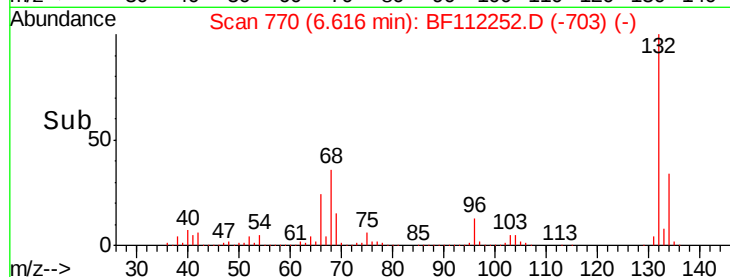
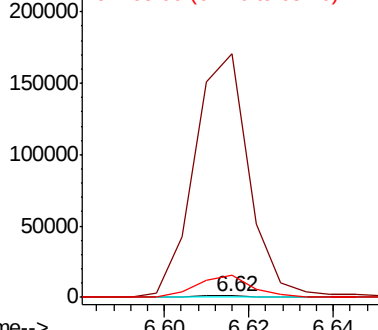
93 100

66 16754.4 43.4 65.2#

65 1524.6 25.3 37.9#



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: 48.968 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF112252.D

Acq: 26 Jan 2019 00:35

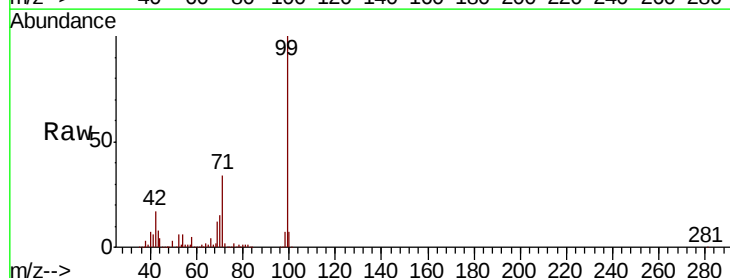
Tgt Ion: 99 Resp: 693702

Ion Ratio Lower Upper

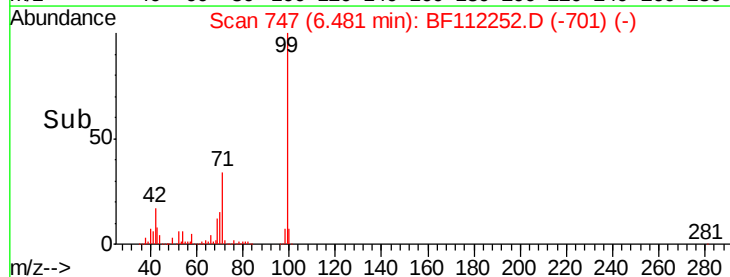
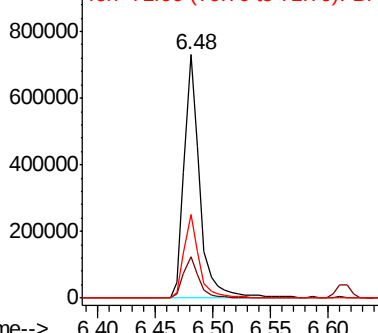
99 100

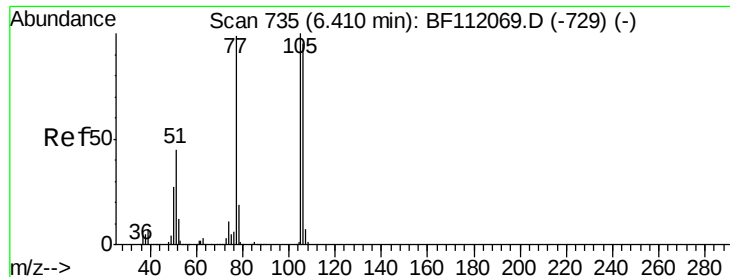
42 17.0 15.1 22.7

71 34.1 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1





#9

Benzaldehyde

Concen: 0.127 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.08 min

Lab File: BF112252.D

Acq: 26 Jan 2019 00:35

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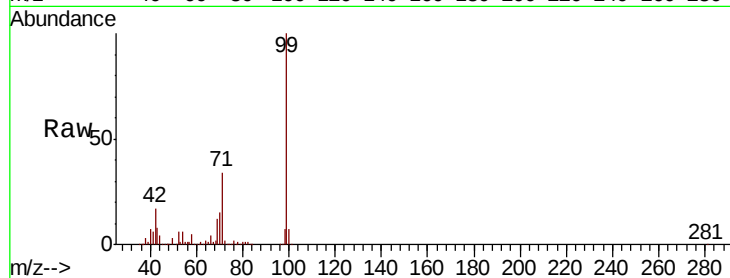
Tgt Ion: 77 Resp: 944

Ion Ratio Lower Upper

77 100

105 0.0 80.8 120.8#

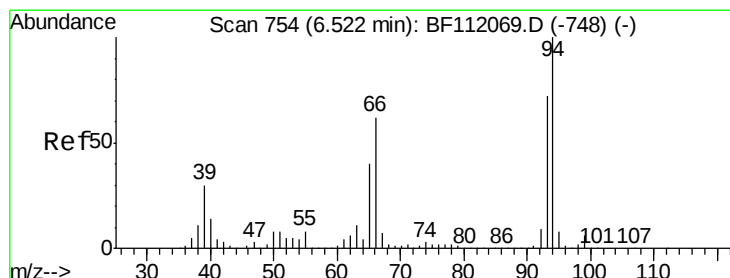
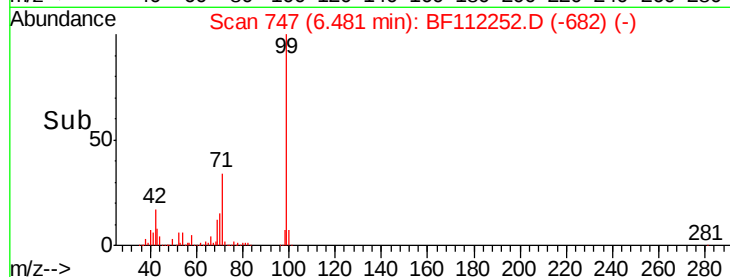
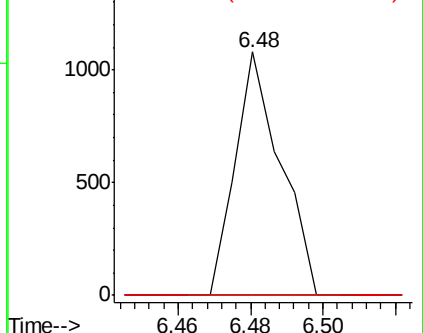
106 0.0 75.7 115.7#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 0.037 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF112252.D

Acq: 26 Jan 2019 00:35

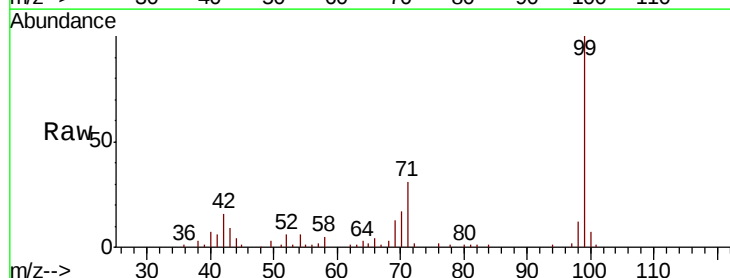
Tgt Ion: 94 Resp: 572

Ion Ratio Lower Upper

94 100

65 193.3 20.3 60.3#

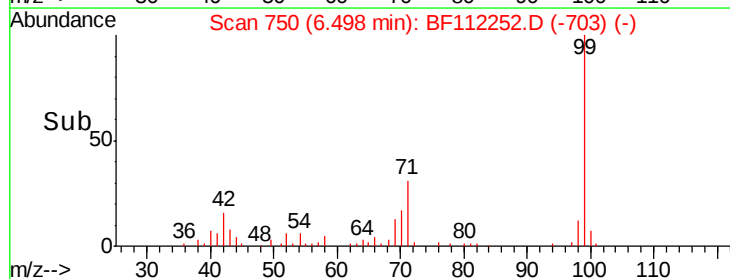
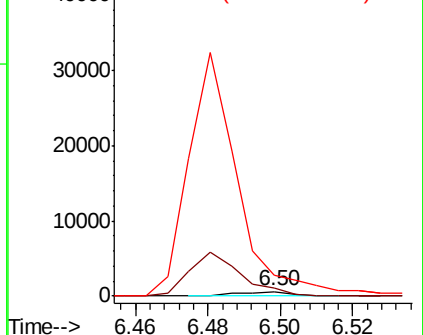
66 483.5 42.4 82.4#

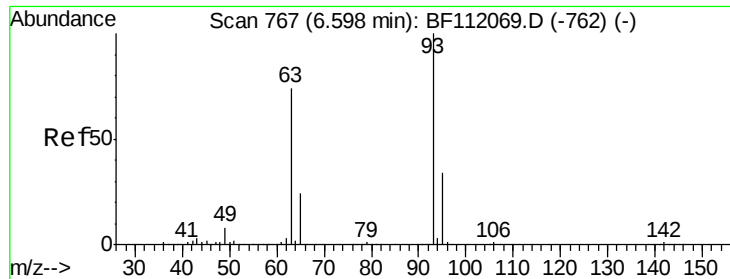


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 0.062 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.02 min

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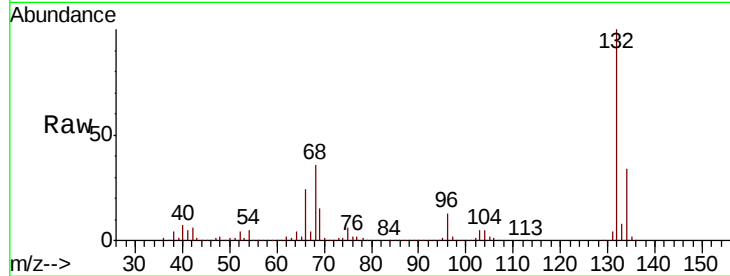
Tgt Ion: 93 Resp: 764

Ion Ratio Lower Upper

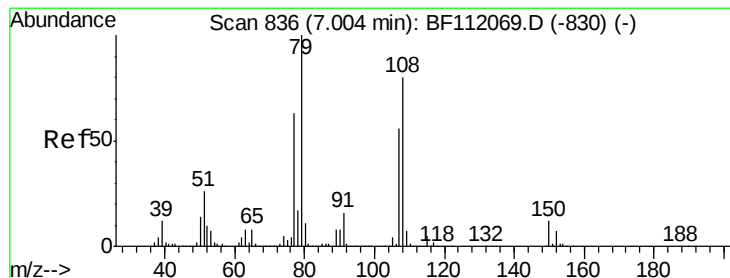
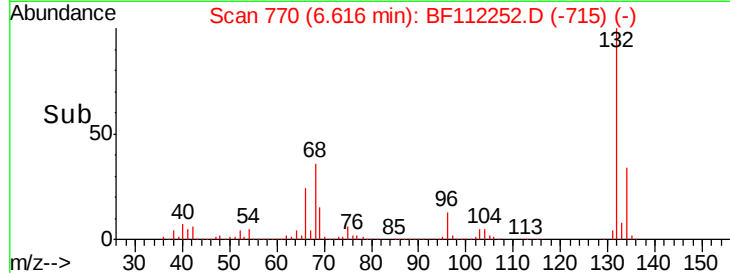
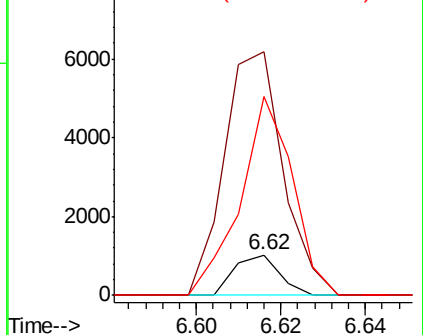
93 100

63 607.4 53.3 93.3#

95 497.5 13.4 53.4#



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



#15

Benzyl Alcohol

Concen: 0.651 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF112252.D

Acq: 26 Jan 2019 00:35

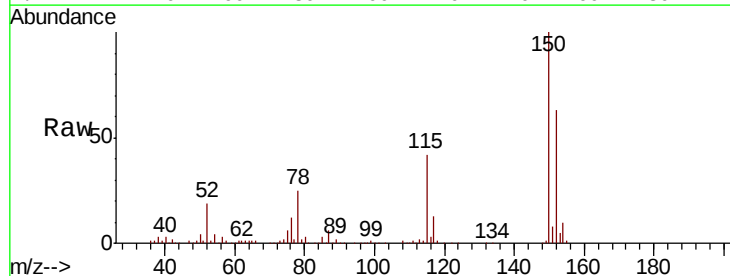
Tgt Ion: 79 Resp: 7771

Ion Ratio Lower Upper

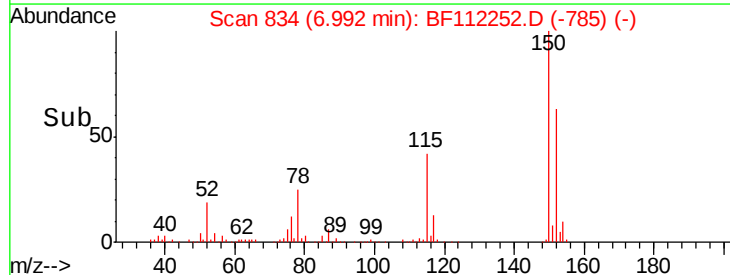
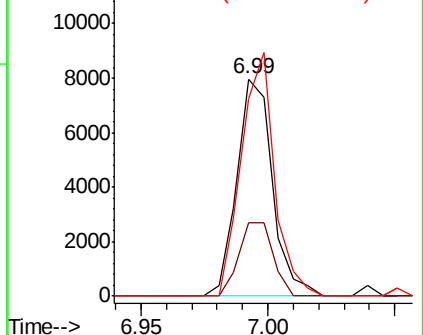
79 100

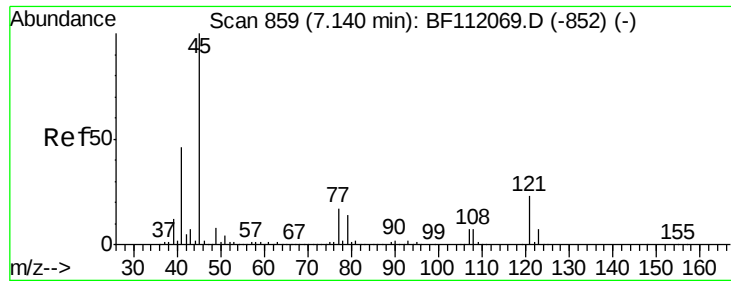
108 33.6 64.2 96.2#

77 91.0 50.3 75.5#



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

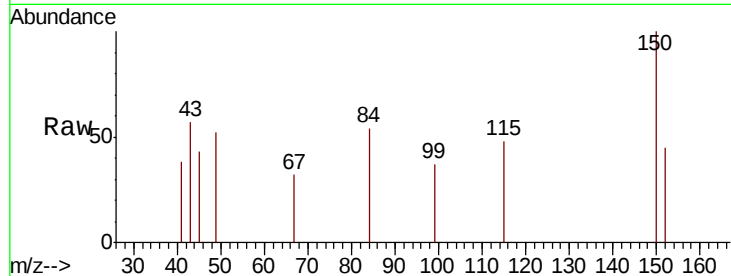




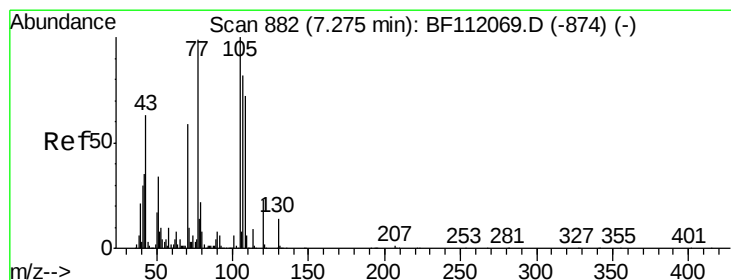
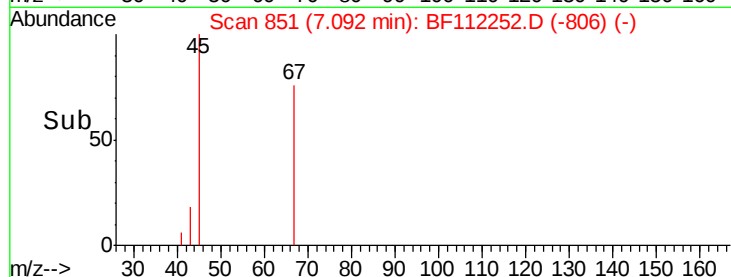
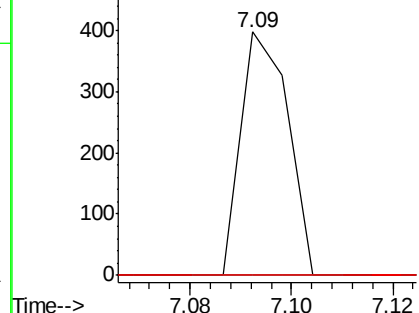
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.016 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.04 min
Lab File: BF112252.D
Acq: 26 Jan 2019 00:35

Instrument :
BNA_F
ClientSampleId :
SU-04-012419-B

Tgt Ion: 45 Resp: 256
Ion Ratio Lower Upper
45 100
77 0.0 0.0 36.9
79 0.0 0.0 34.0

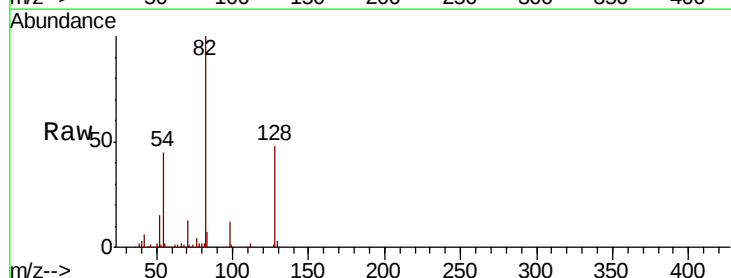


Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

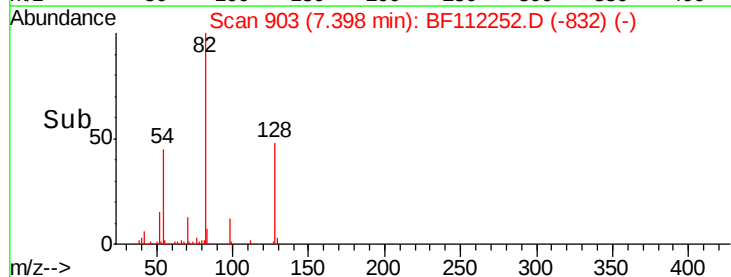
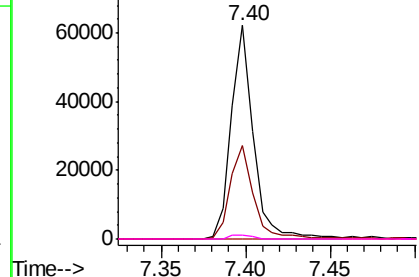


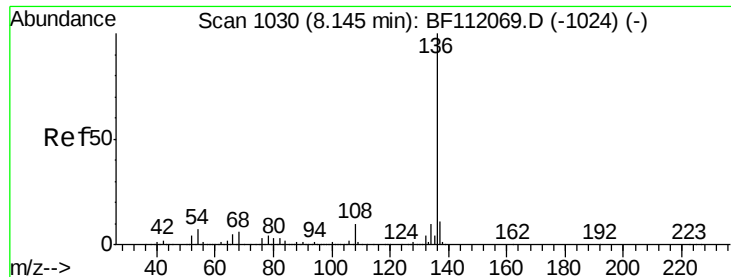
#19
n-Nitroso-di-n-propylamine
Concen: 5.832 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.12 min
Lab File: BF112252.D
Acq: 26 Jan 2019 00:35

Tgt Ion: 70 Resp: 56965
Ion Ratio Lower Upper
70 100
42 43.6 47.6 71.4#
101 0.0 7.9 11.9#
130 2.1 18.4 27.6#



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): BF1
Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF112252.D

Acq: 26 Jan 2019 00:35

Instrument :

BNA_F

ClientSampleId :

SU-04-012419-B

Tgt Ion: 136 Resp: 881996

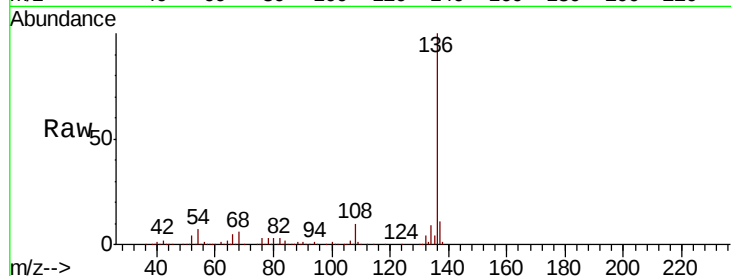
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.7 5.9 8.9

68 5.7 5.1 7.7

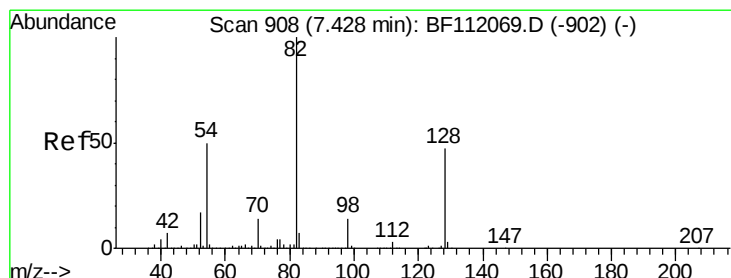
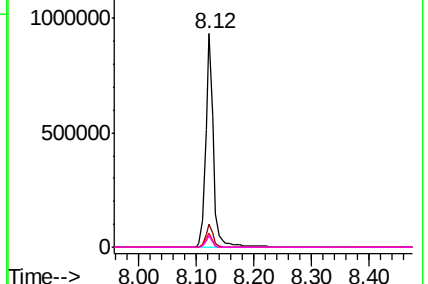
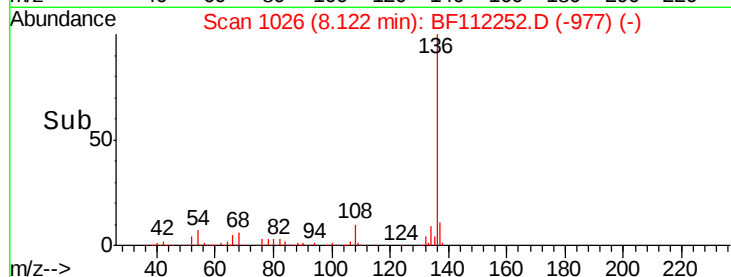


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 28.429 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF112252.D

Acq: 26 Jan 2019 00:35

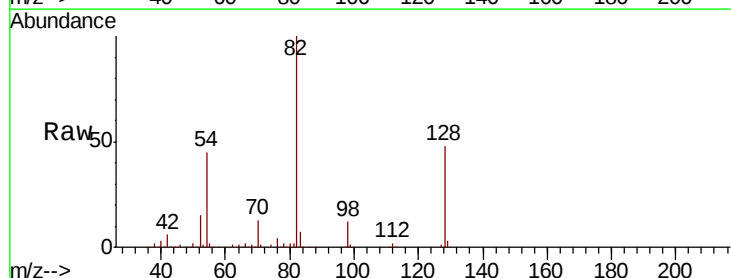
Tgt Ion: 82 Resp: 435171

Ion Ratio Lower Upper

82 100

128 47.9 37.8 56.8

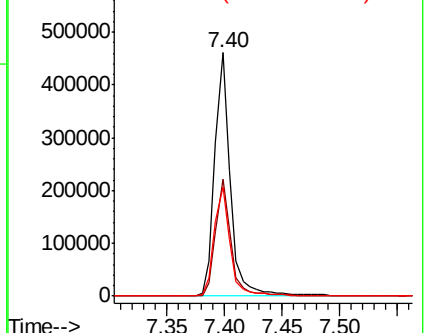
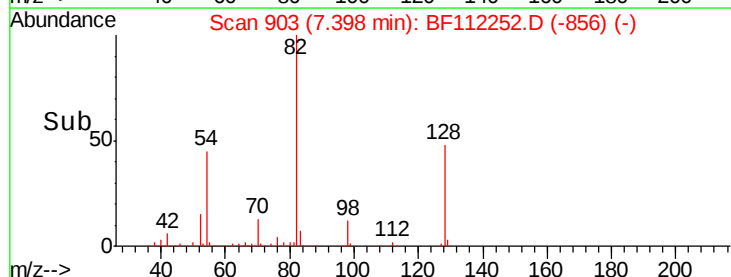
54 44.9 39.7 59.5

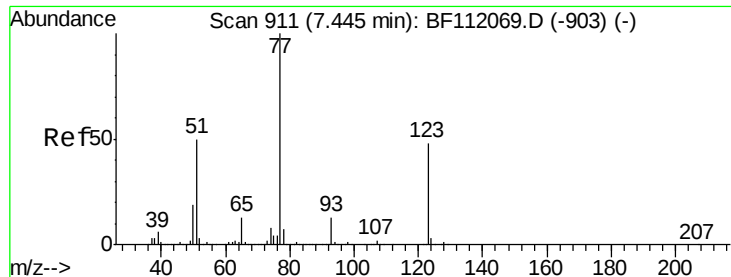


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

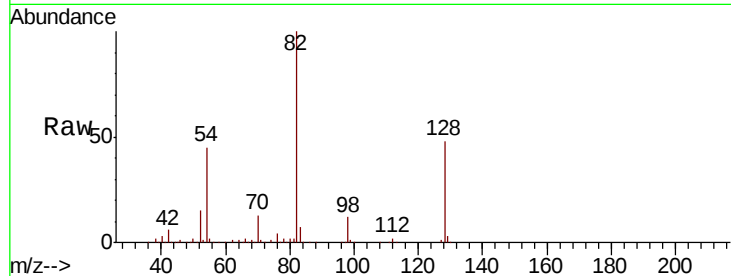




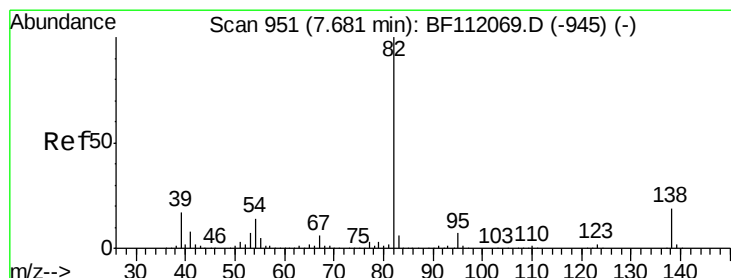
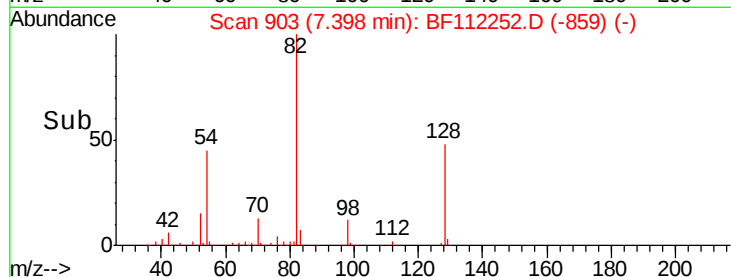
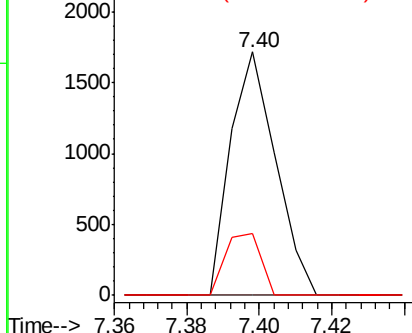
#24
Nitrobenzene
Concen: 0.098 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.04 min
Lab File: BF112252.D
Acq: 26 Jan 2019 00:35

Instrument :
BNA_F
ClientSampleId :
SU-04-012419-B

Tgt Ion: 77 Resp: 1491
Ion Ratio Lower Upper
77 100
123 0.0 38.4 57.6#
65 25.2 10.6 15.8#

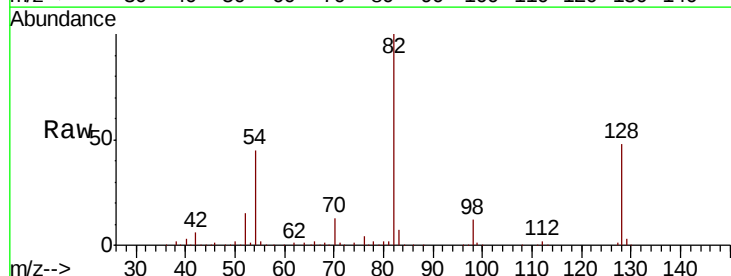


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

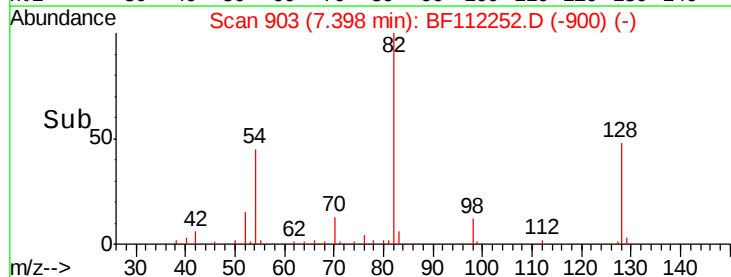
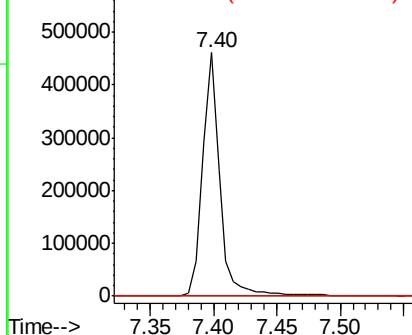


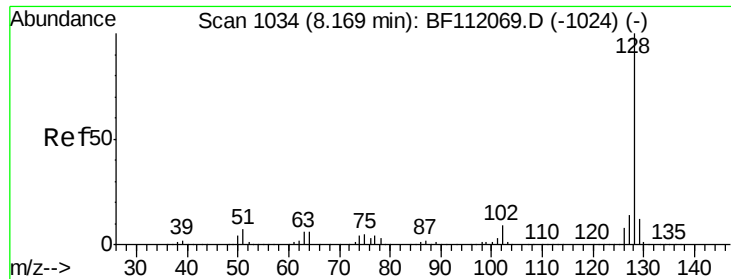
#25
Isophorone
Concen: 17.566 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.28 min
Lab File: BF112252.D
Acq: 26 Jan 2019 00:35

Tgt Ion: 82 Resp: 421835
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.4 23.0#



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

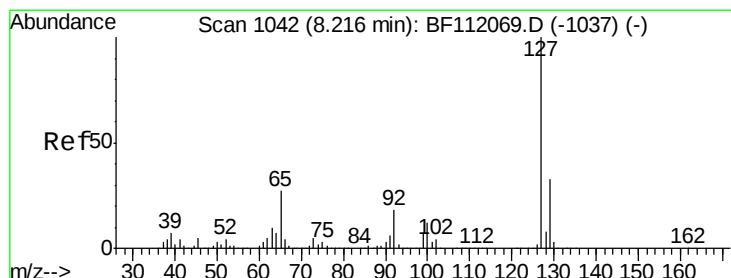
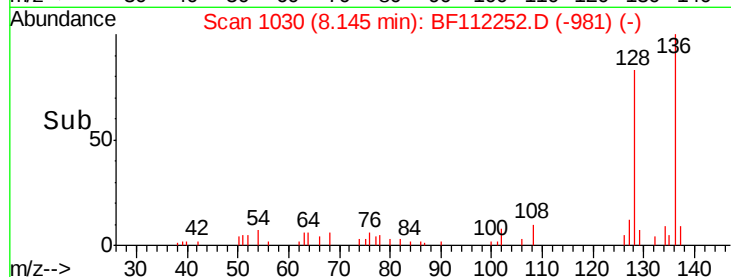
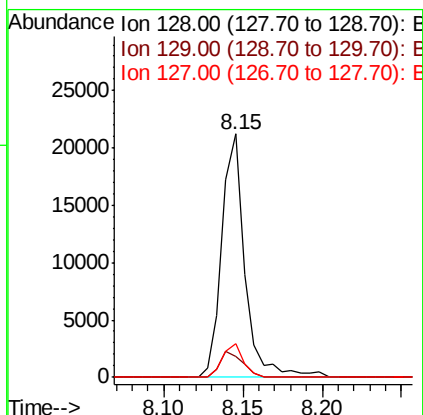
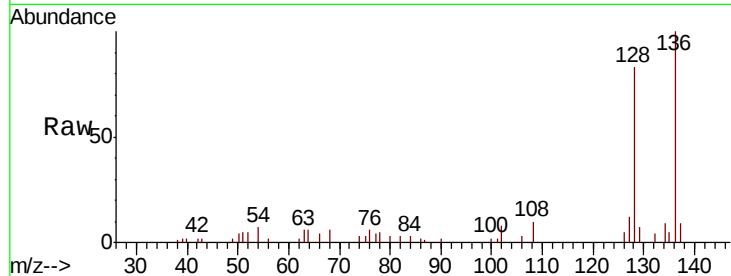




#31
Naphthalene
Concen: 0.521 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF112252.D
Acq: 26 Jan 2019 00:35

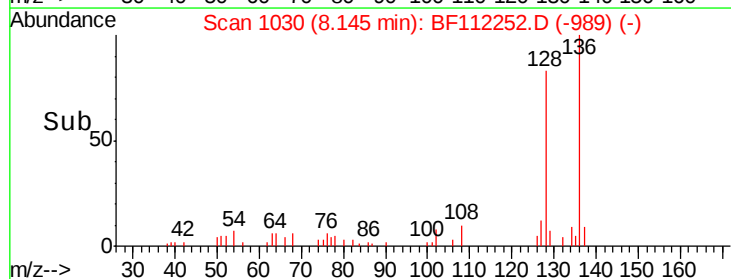
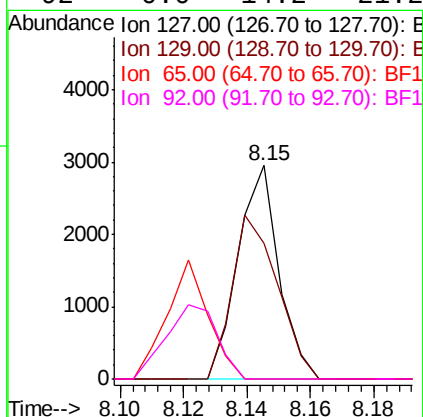
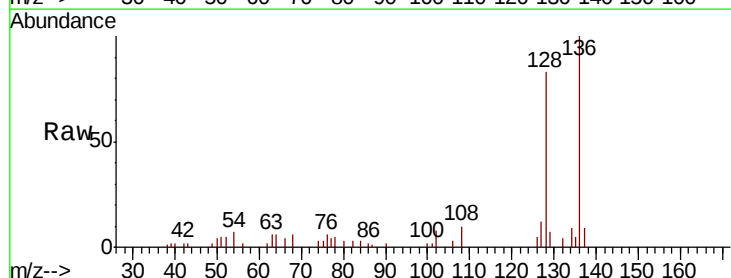
Instrument :
BNA_F
ClientSampleId :
SU-04-012419-B

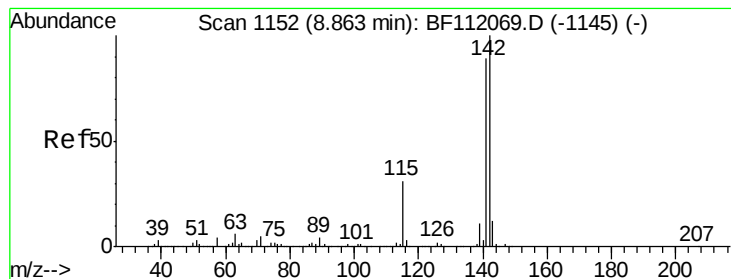
Tgt Ion:128 Resp: 21495
Ion Ratio Lower Upper
128 100
129 8.8 9.6 14.4#
127 13.9 11.1 16.7



#33
4-Chloroaniline
Concen: 0.146 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.06 min
Lab File: BF112252.D
Acq: 26 Jan 2019 00:35

Tgt Ion:127 Resp: 2624
Ion Ratio Lower Upper
127 100
129 63.4 26.6 39.8#
65 0.0 21.4 32.2#
92 0.0 14.2 21.2#





#37

2-Methylnaphthalene

Concen: 0.064 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF112252.D

Acq: 26 Jan 2019 00:35

Instrument :

BNA_F

ClientSampleId :

SU-04-012419-B

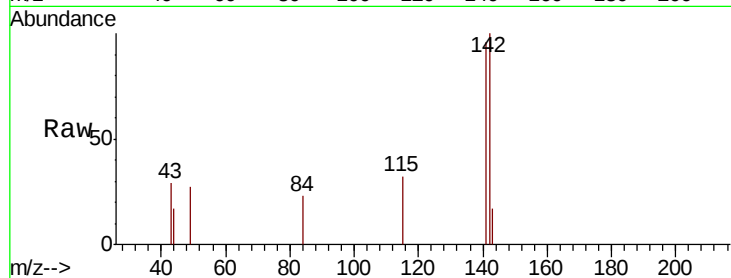
Tgt Ion:142 Resp: 1811

Ion Ratio Lower Upper

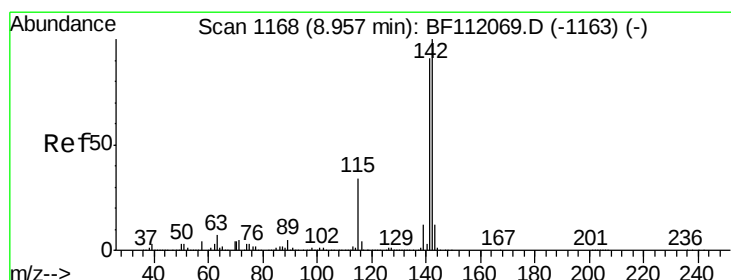
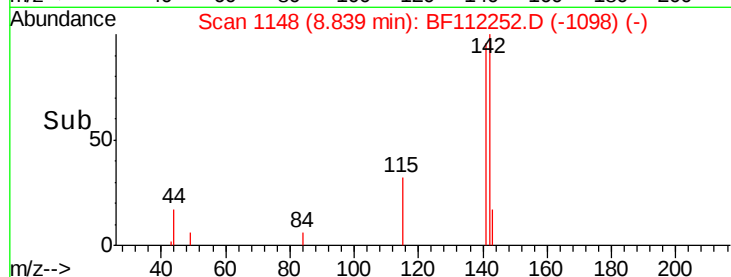
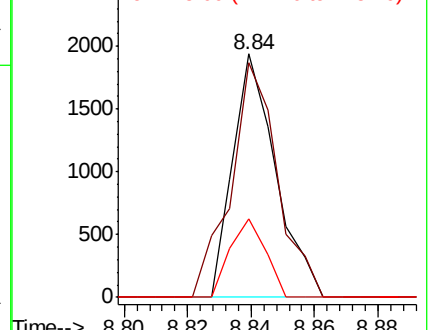
142 100

141 96.5 70.9 106.3

115 32.4 24.9 37.3



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



#38

1-Methylnaphthalene

Concen: 0.048 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF112252.D

Acq: 26 Jan 2019 00:35

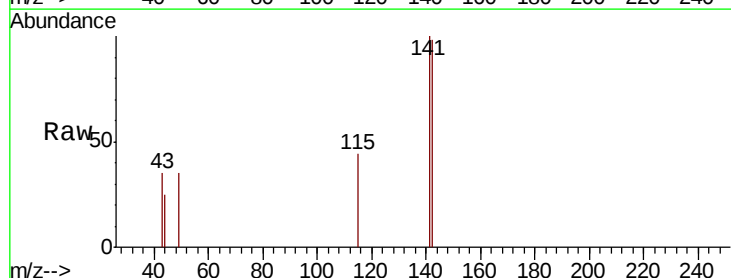
Tgt Ion:142 Resp: 1302

Ion Ratio Lower Upper

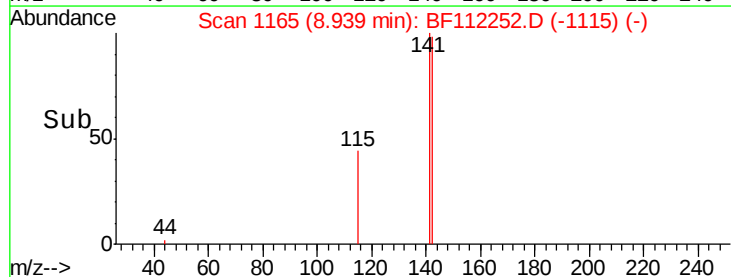
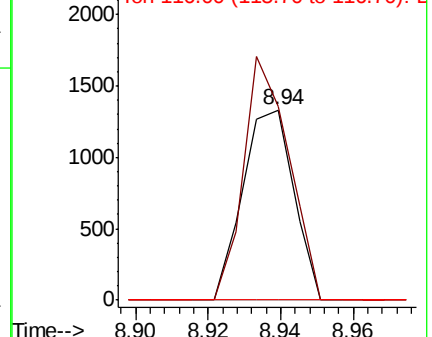
142 100

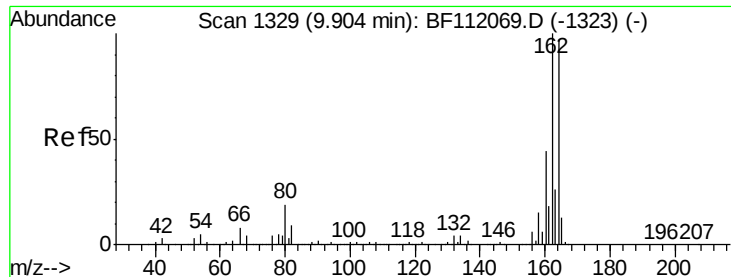
141 101.8 72.6 108.8

116 0.0 2.8 4.2#



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

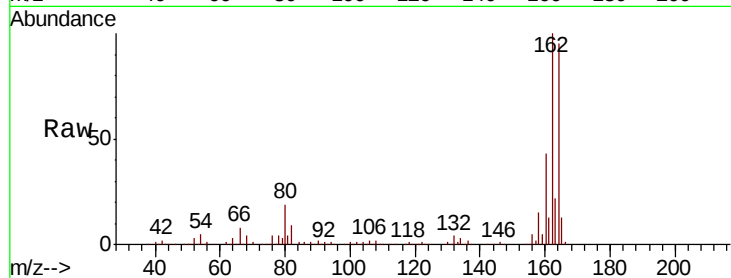




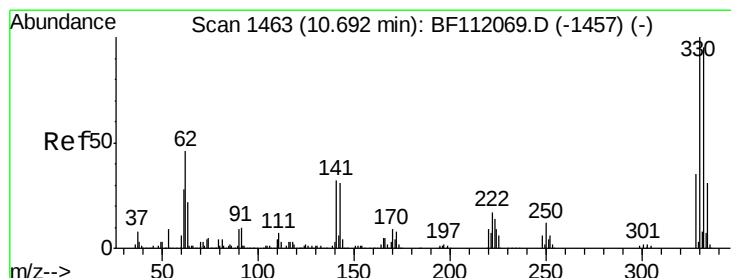
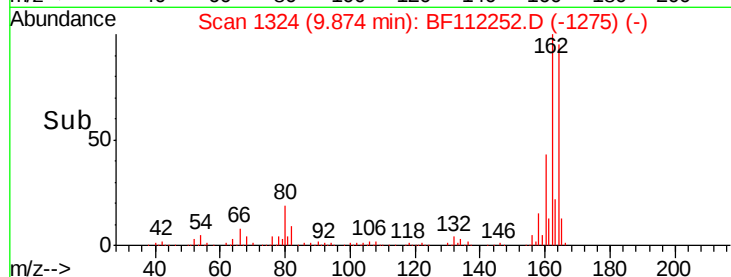
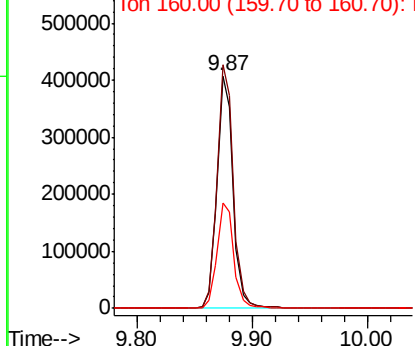
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112252.D
 Acq: 26 Jan 2019 00:35

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-012419-B

Tgt Ion:164 Resp: 394690
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.2 123.4
 160 45.6 36.2 54.4

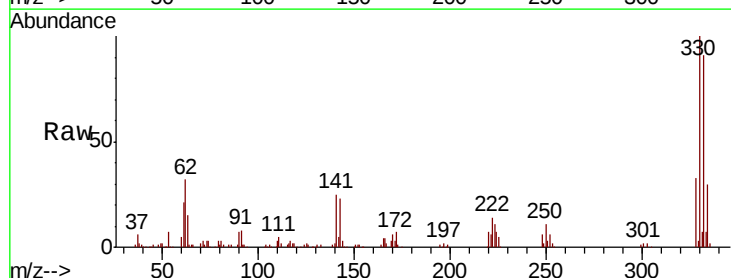


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

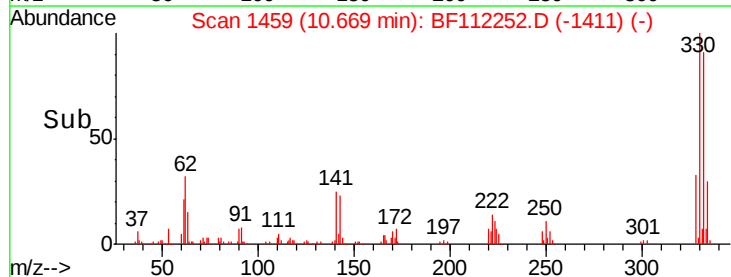
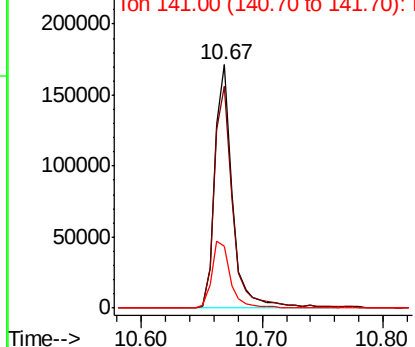


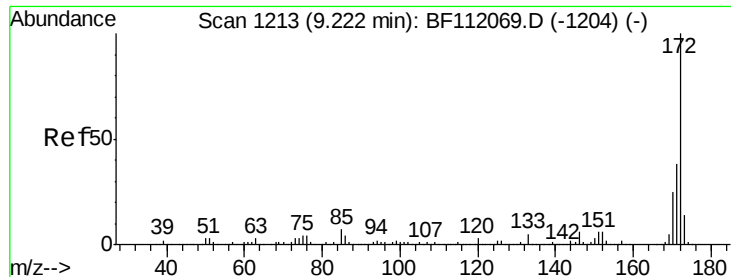
#42
 2,4,6-Tribromophenol
 Concen: 37.095 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF112252.D
 Acq: 26 Jan 2019 00:35

Tgt Ion:330 Resp: 170419
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.6 114.8
 141 29.7 24.3 36.5



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

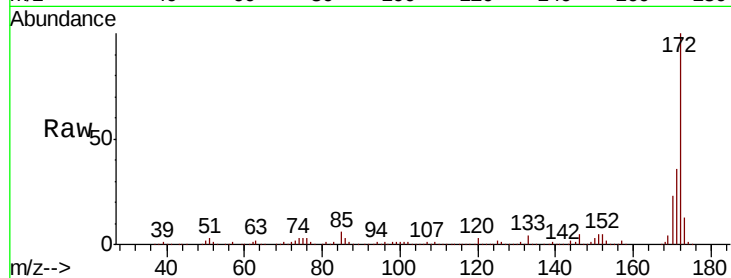




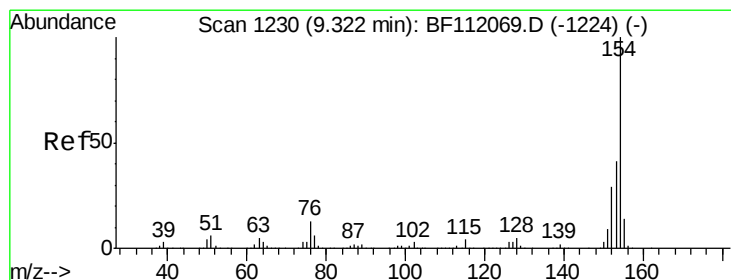
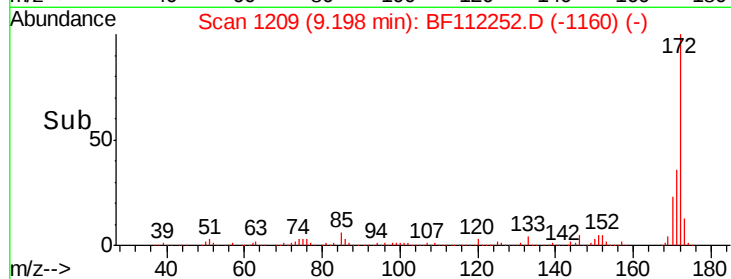
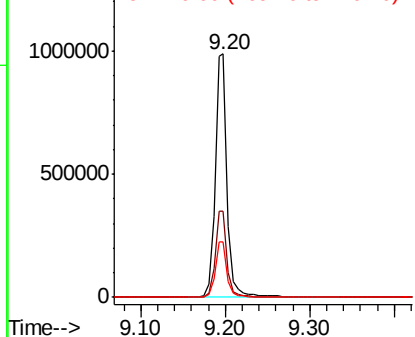
#45
 2-Fluorobiphenyl
 Concen: 35.880 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF112252.D
 Acq: 26 Jan 2019 00:35

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-012419-B

Tgt Ion:172 Resp: 1001274
 Ion Ratio Lower Upper
 172 100
 171 35.5 30.5 45.7
 170 22.9 20.2 30.4

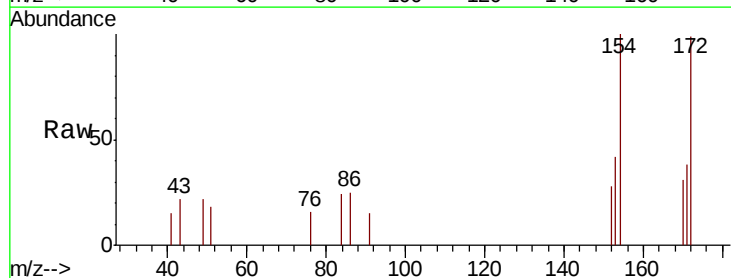


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

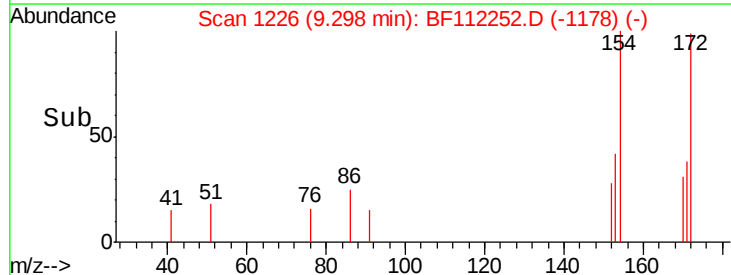
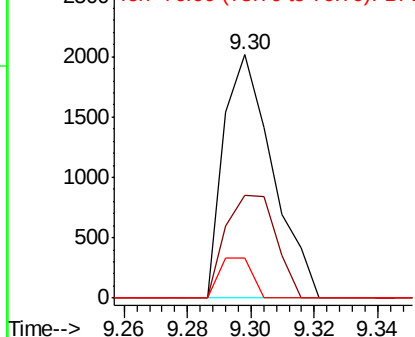


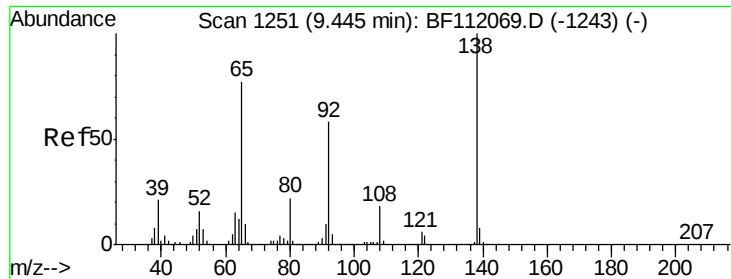
#46
 1,1'-Biphenyl
 Concen: 0.062 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.02 min
 Lab File: BF112252.D
 Acq: 26 Jan 2019 00:35

Tgt Ion:154 Resp: 2149
 Ion Ratio Lower Upper
 154 100
 153 42.4 21.5 61.5
 76 16.4 0.0 33.1



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

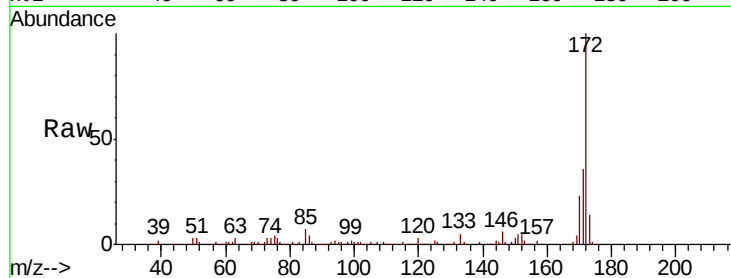




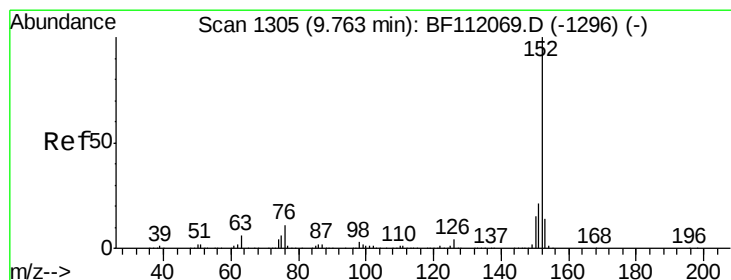
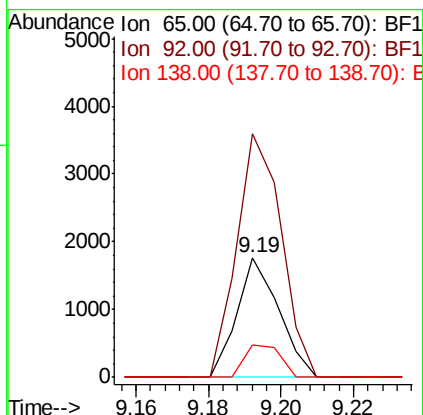
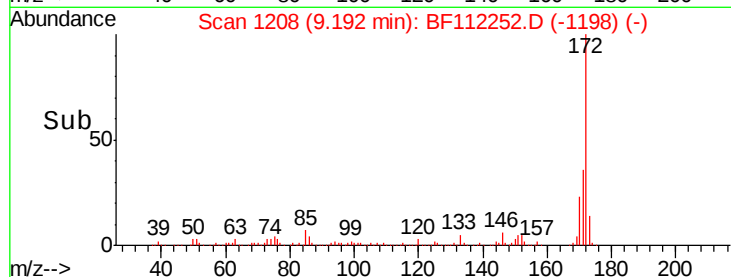
#48
2-Nitroaniline
Concen: 0.195 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.24 min
Lab File: BF112252.D
Acq: 26 Jan 2019 00:35

Instrument :
BNA_F
ClientSampleId :
SU-04-012419-B

Tgt Ion: 65 Resp: 1421
Ion Ratio Lower Upper
65 100
92 203.5 60.4 90.6#
138 26.8 104.4 156.6#

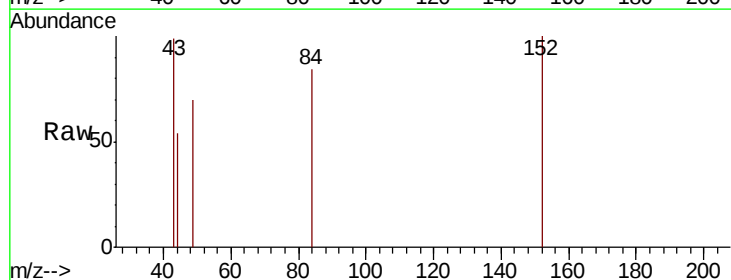


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

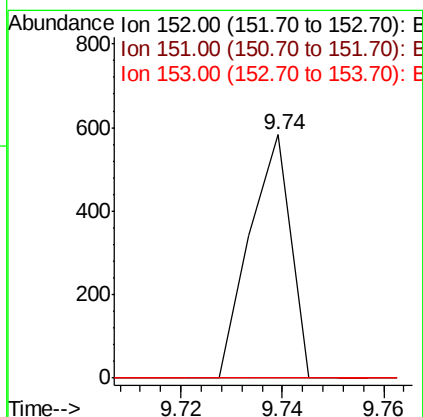
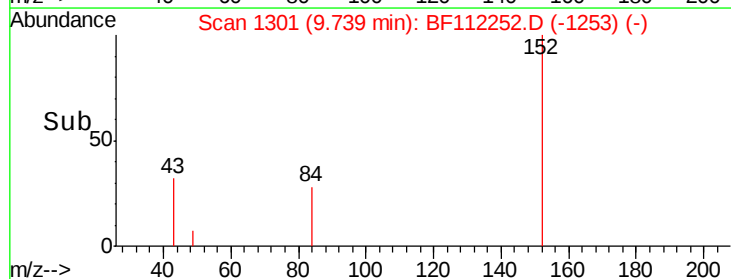


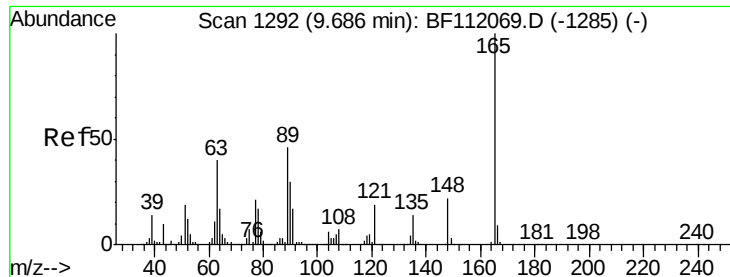
#49
Acenaphthylene
Concen: 0.008 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF112252.D
Acq: 26 Jan 2019 00:35

Tgt Ion: 152 Resp: 326
Ion Ratio Lower Upper
152 100
151 0.0 17.0 25.6#
153 0.0 11.2 16.8#



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

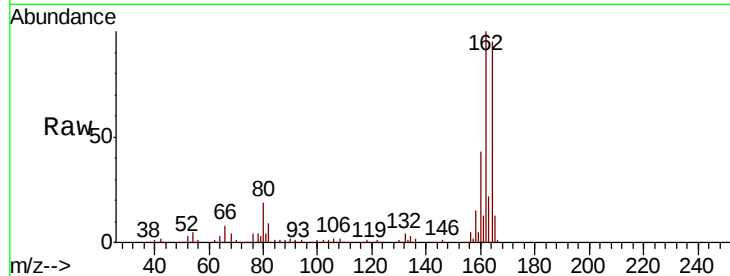




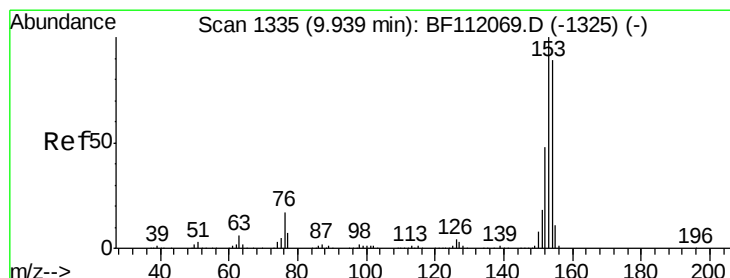
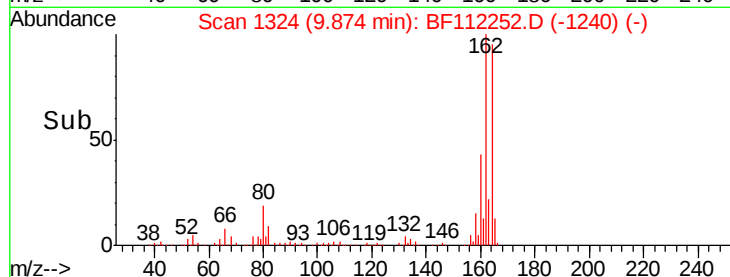
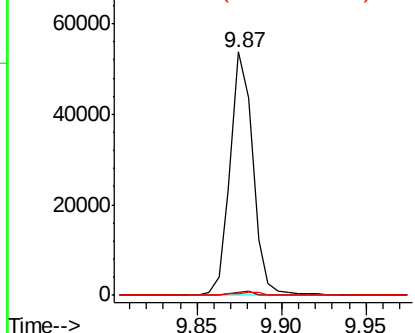
#51
2,6-Dinitrotoluene
Concen: 7.353 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.19 min
Lab File: BF112252.D
Acq: 26 Jan 2019 00:35

Instrument :
BNA_F
ClientSampleId :
SU-04-012419-B

Tgt Ion:165 Resp: 50502
Ion Ratio Lower Upper
165 100
63 1.2 33.8 50.8#
89 0.9 36.9 55.3#

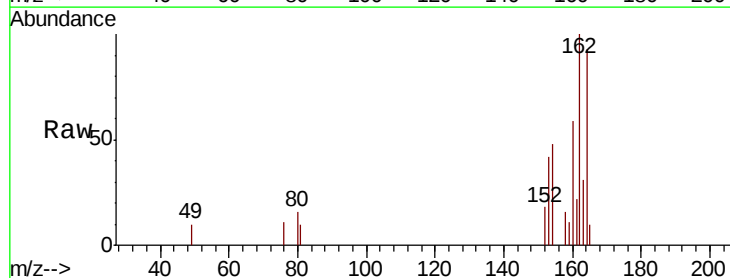


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

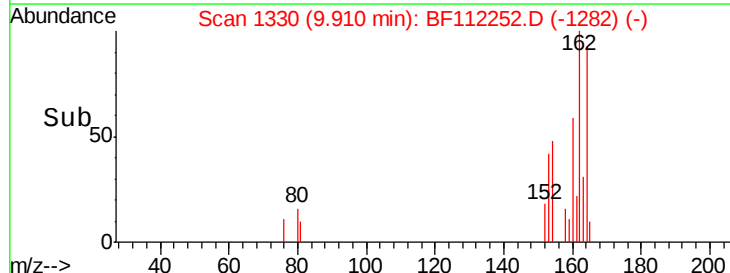
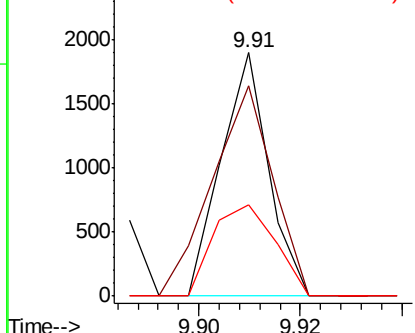


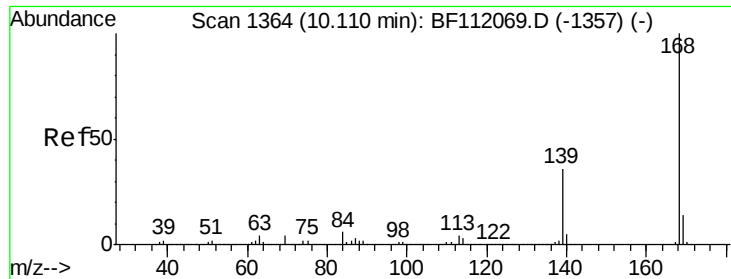
#52
Acenaphthene
Concen: 0.053 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF112252.D
Acq: 26 Jan 2019 00:35

Tgt Ion:154 Resp: 1231
Ion Ratio Lower Upper
154 100
153 86.4 89.8 134.6#
152 37.4 43.5 65.3#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

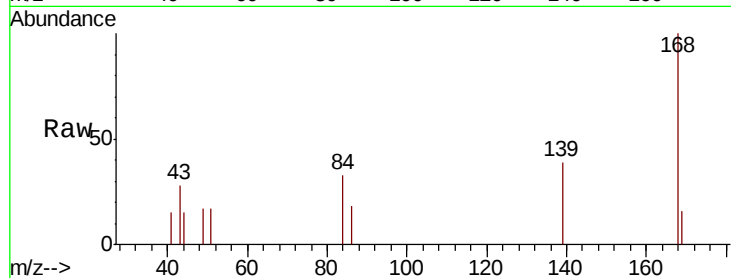




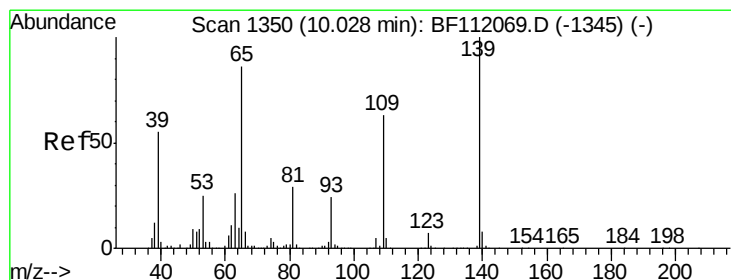
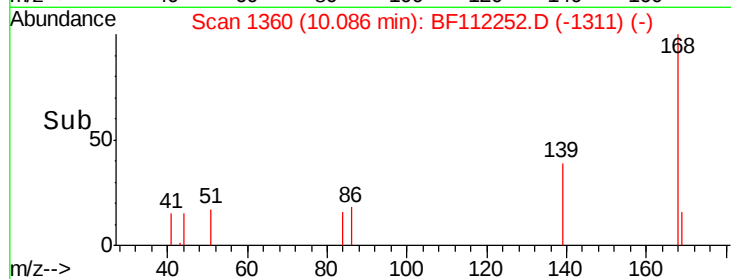
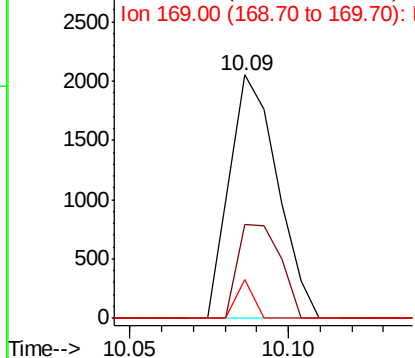
#55
Dibenzenofuran
Concen: 0.060 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF112252.D
Acq: 26 Jan 2019 00:35

Instrument :
BNA_F
ClientSampleId :
SU-04-012419-B

Tgt Ion:168 Resp: 2143
Ion Ratio Lower Upper
168 100
139 38.7 29.2 43.8
169 16.0 11.4 17.0

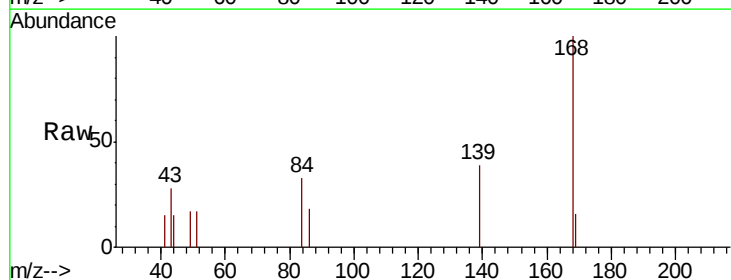


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

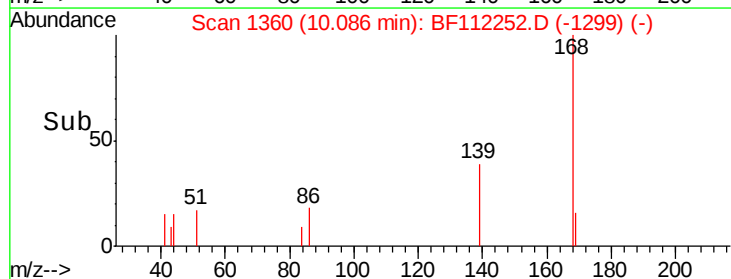
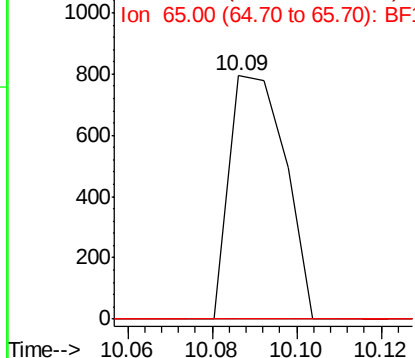


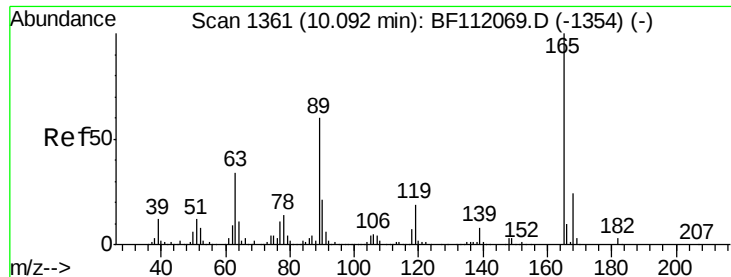
#56
4-Nitrophenol
Concen: 0.186 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.06 min
Lab File: BF112252.D
Acq: 26 Jan 2019 00:35

Tgt Ion:139 Resp: 730
Ion Ratio Lower Upper
139 100
109 0.0 42.8 82.8#
65 0.0 66.1 106.1#



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





#57

2,4-Dinitrotoluene

Concen: 5.776 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.21 min

Lab File: BF112252.D

Acq: 26 Jan 2019 00:35

Instrument :

BNA_F

ClientSampleId :

SU-04-012419-B

Tgt Ion:165 Resp: 50502

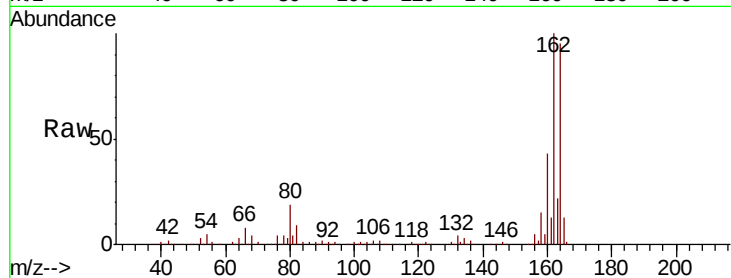
Ion Ratio Lower Upper

165 100

63 1.2 27.9 41.9#

89 0.9 47.9 71.9#

182 0.0 2.2 3.4#

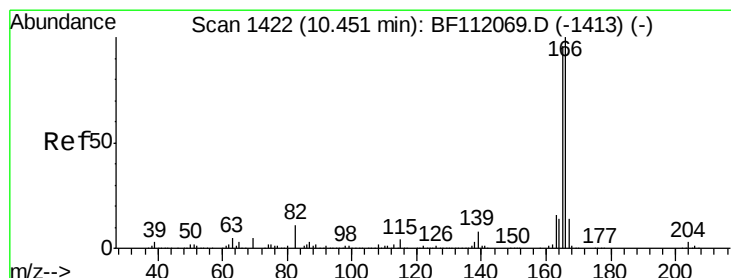
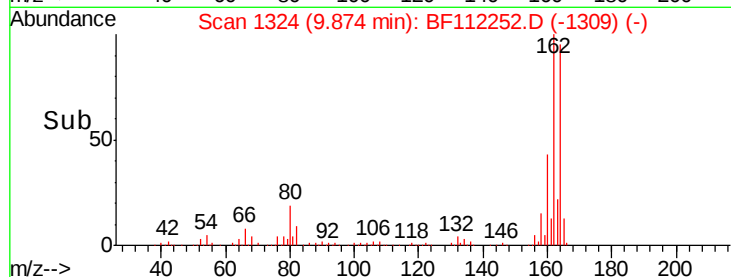
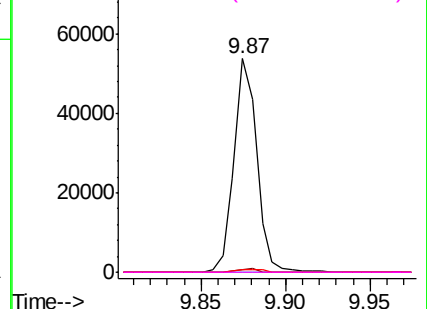


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 0.084 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF112252.D

Acq: 26 Jan 2019 00:35

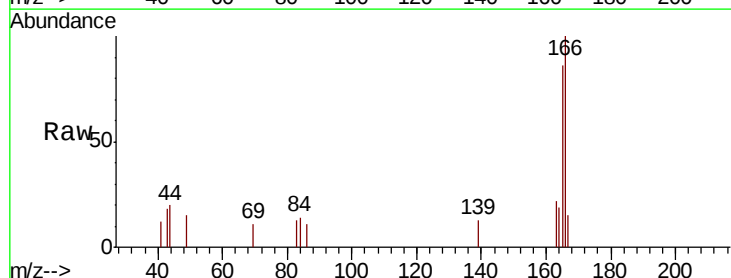
Tgt Ion:166 Resp: 2257

Ion Ratio Lower Upper

166 100

165 85.7 77.1 115.7

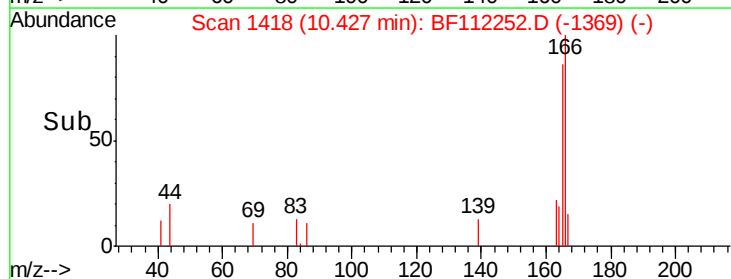
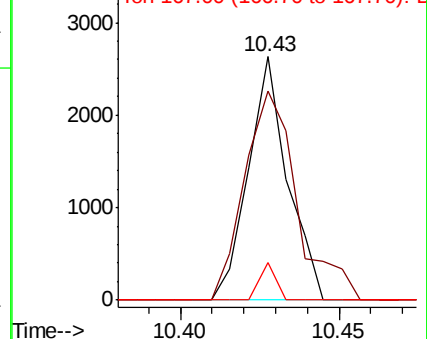
167 15.3 11.3 16.9

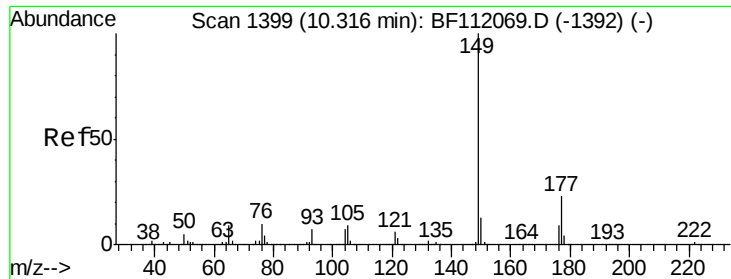


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

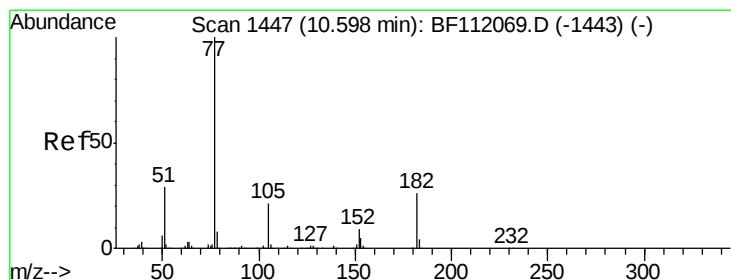
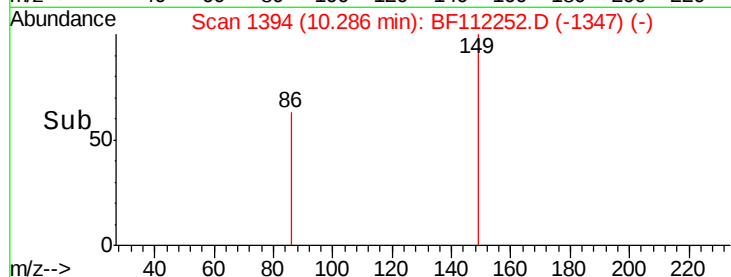
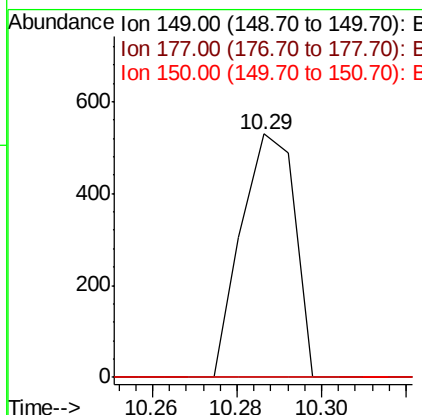
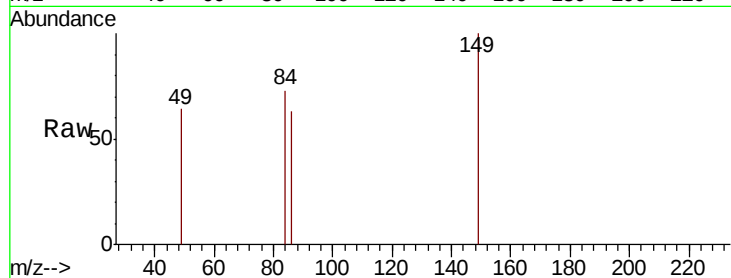




#60
Diethylphthalate
Concen: 0.015 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BF112252.D
Acq: 26 Jan 2019 00:35

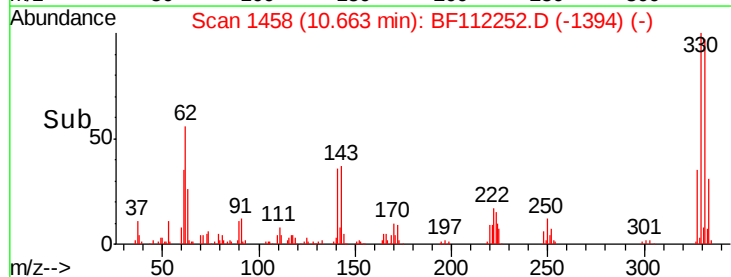
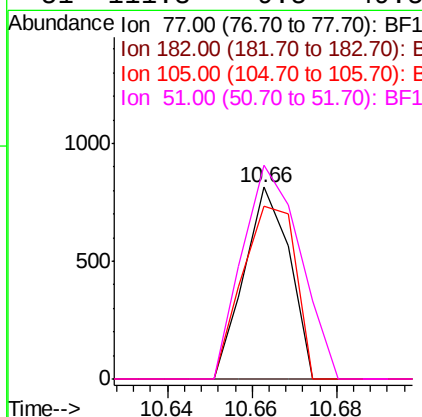
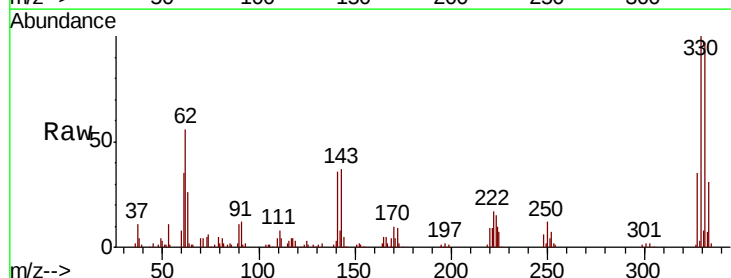
Instrument :
BNA_F
ClientSampleId :
SU-04-012419-B

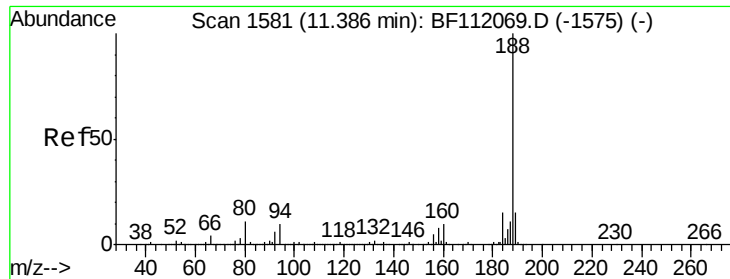
Tgt Ion: 149 Resp: 467
Ion Ratio Lower Upper
149 100
177 0.0 18.2 27.2#
150 0.0 10.4 15.6#



#63
Azobenzene
Concen: 0.023 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.08 min
Lab File: BF112252.D
Acq: 26 Jan 2019 00:35

Tgt Ion: 77 Resp: 609
Ion Ratio Lower Upper
77 100
182 0.0 5.7 45.7#
105 90.2 1.4 41.4#
51 111.3 9.5 49.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF112252.D

Acq: 26 Jan 2019 00:35

Instrument :

BNA_F

ClientSampleId :

SU-04-012419-B

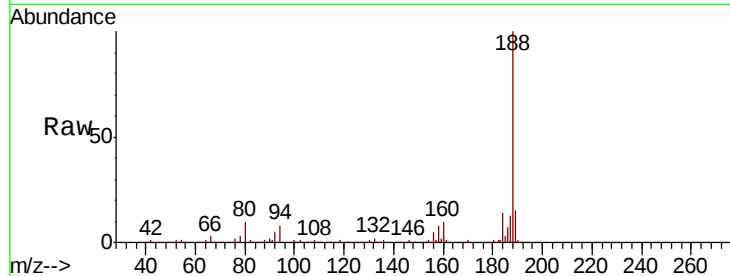
Tgt Ion:188 Resp: 703009

Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.2

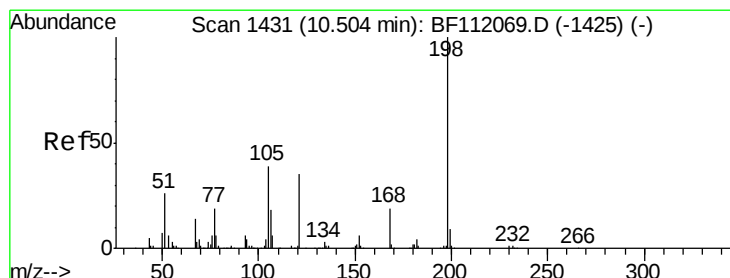
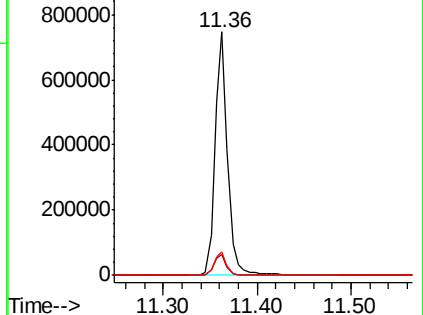
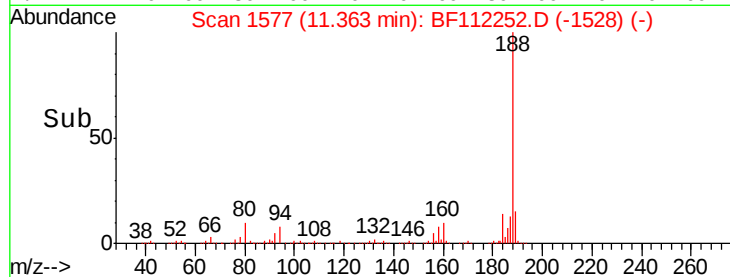
80 9.6 8.9 13.3



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: 0.068 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.16 min

Lab File: BF112252.D

Acq: 26 Jan 2019 00:35

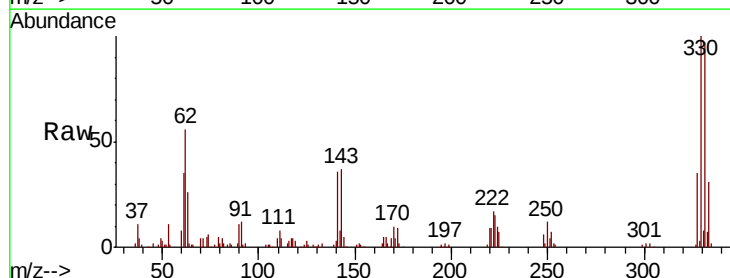
Tgt Ion:198 Resp: 267

Ion Ratio Lower Upper

198 100

51 214.4 17.2 57.2#

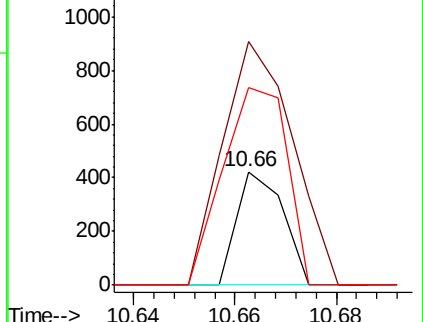
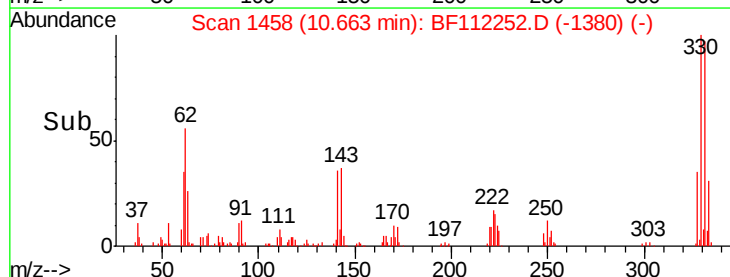
105 173.8 21.9 61.9#

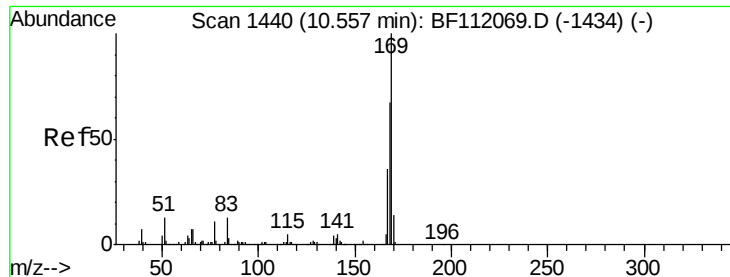


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

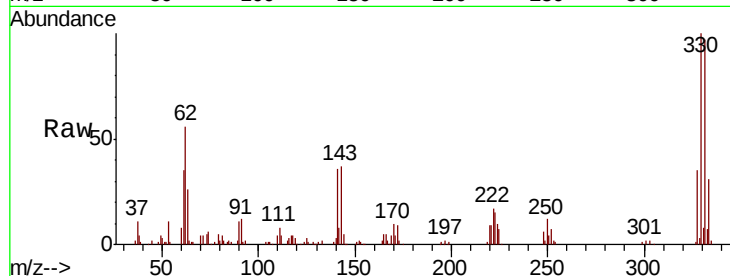




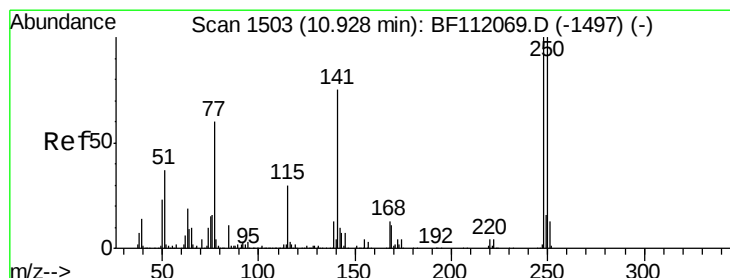
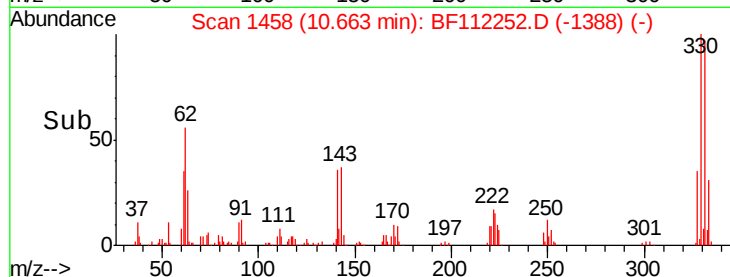
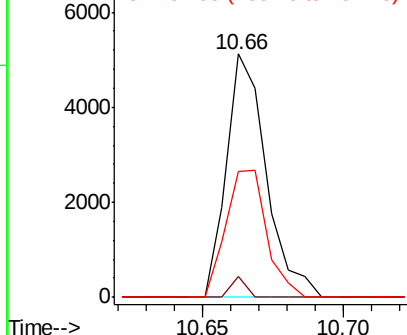
#66
 n-Nitrosodiphenylamine
 Concen: 0.211 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.11 min
 Lab File: BF112252.D
 Acq: 26 Jan 2019 00:35

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-012419-B

Tgt Ion:169 Resp: 5000
 Ion Ratio Lower Upper
 169 100
 168 8.6 53.9 80.9#
 167 51.7 28.9 43.3#

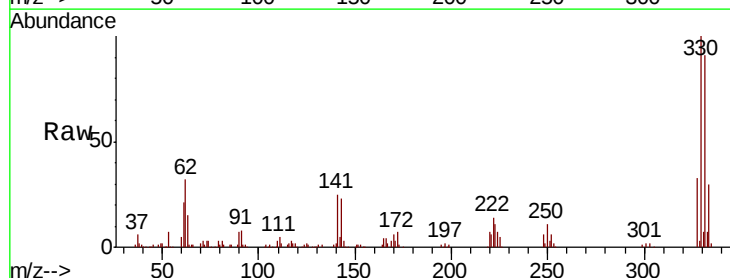


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

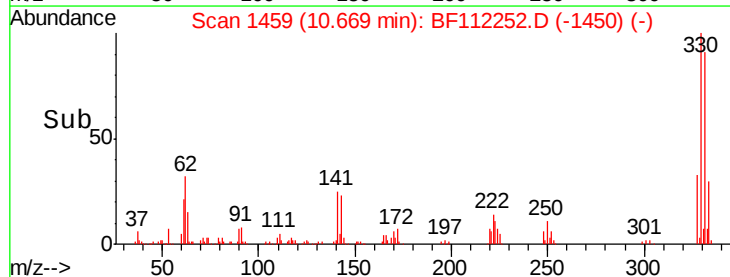
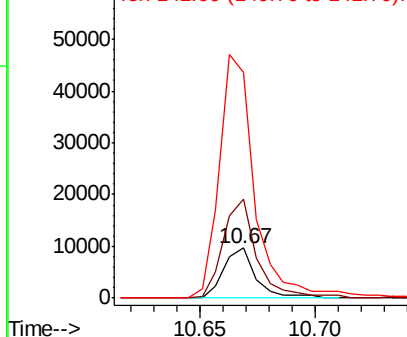


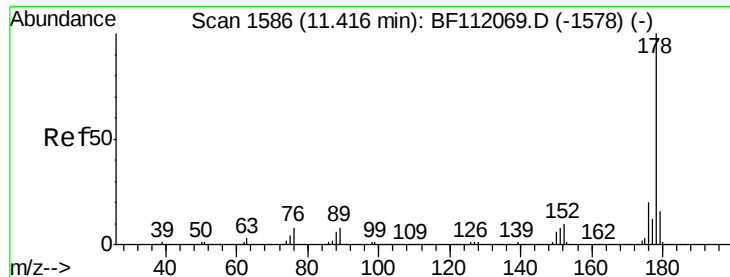
#67
 4-Bromophenyl-phenylether
 Concen: 1.134 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.25 min
 Lab File: BF112252.D
 Acq: 26 Jan 2019 00:35

Tgt Ion:248 Resp: 9373
 Ion Ratio Lower Upper
 248 100
 250 197.5 79.7 119.5#
 141 452.3 60.3 90.5#



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: 0.129 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BF112252.D

Acq: 26 Jan 2019 00:35

Instrument :

BNA_F

ClientSampleId :

SU-04-012419-B

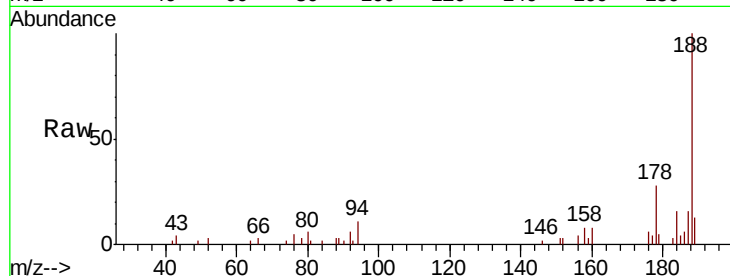
Tgt Ion:178 Resp: 4720

Ion Ratio Lower Upper

178 100

176 20.6 16.3 24.5

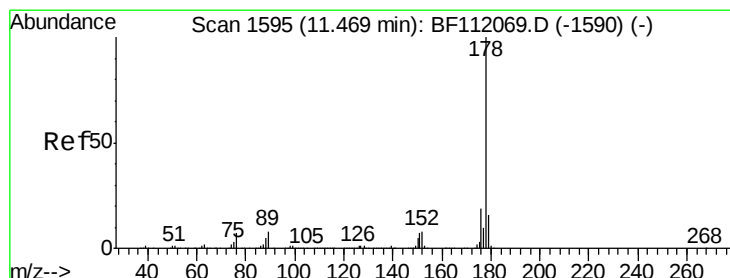
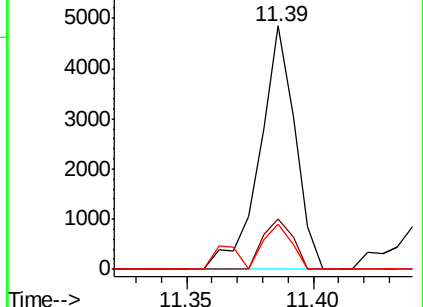
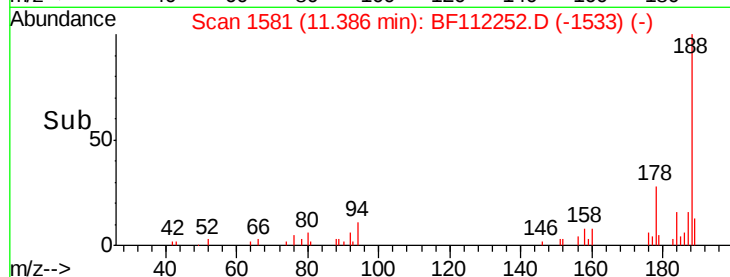
179 18.7 13.0 19.4



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: 0.130 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.07 min

Lab File: BF112252.D

Acq: 26 Jan 2019 00:35

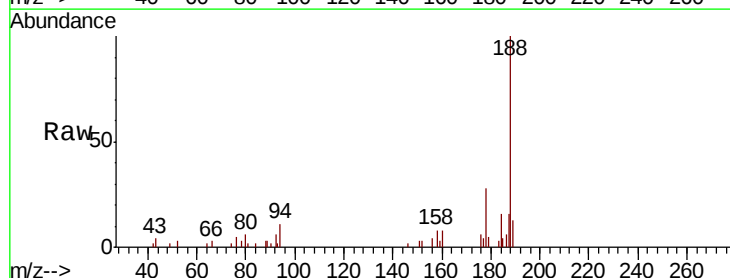
Tgt Ion:178 Resp: 4720

Ion Ratio Lower Upper

178 100

176 20.6 15.5 23.3

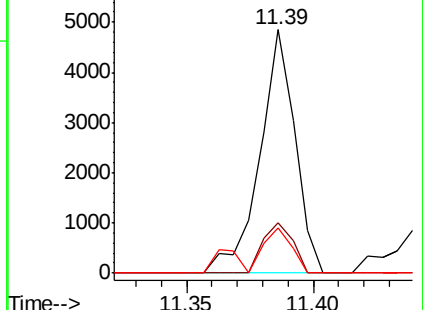
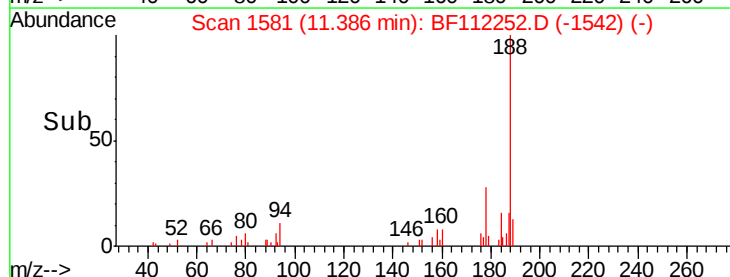
179 18.7 12.8 19.2

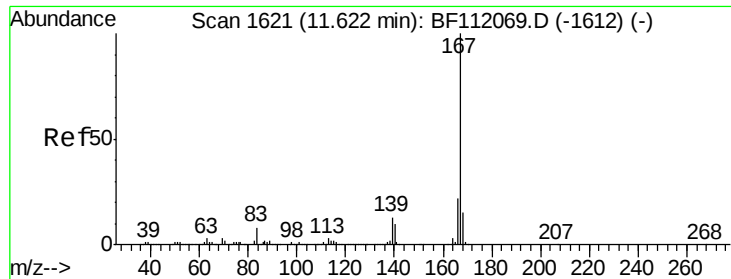


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

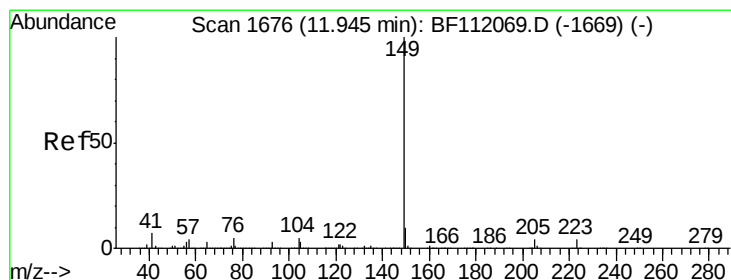
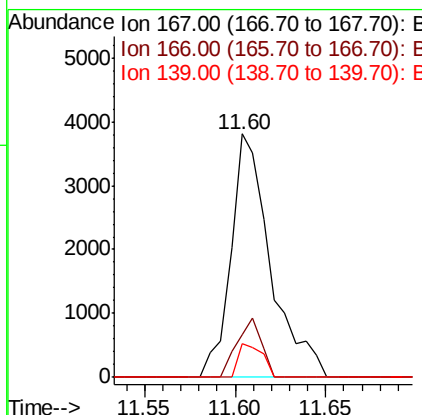
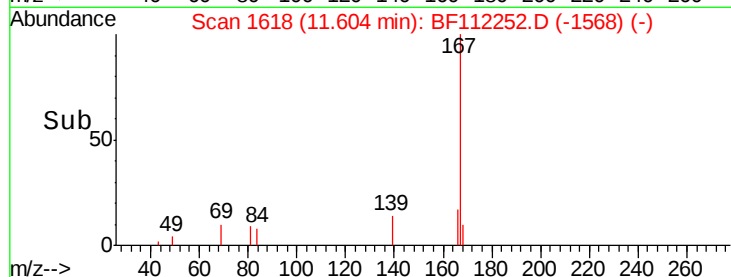
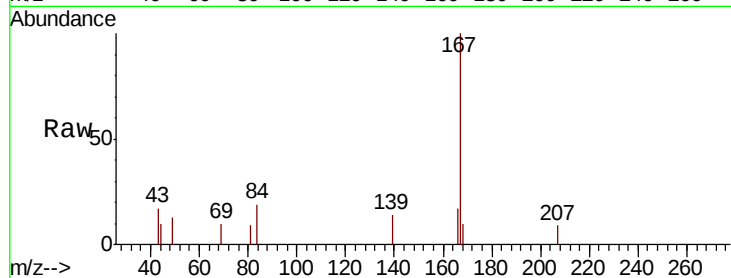




#73
 Carbazole
 Concen: 0.161 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BF112252.D
 Acq: 26 Jan 2019 00:35

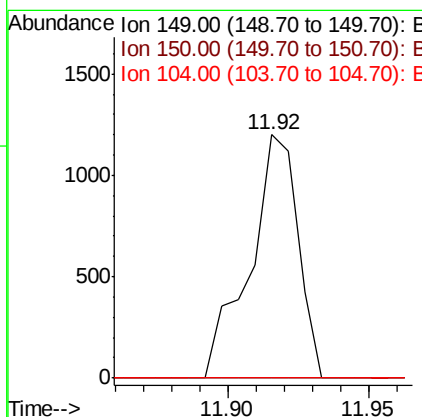
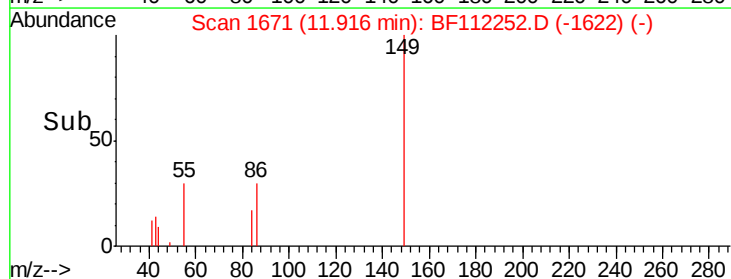
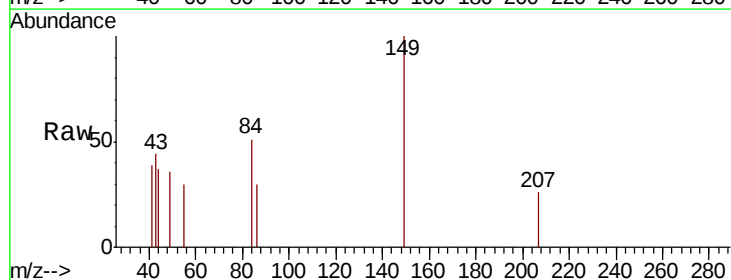
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-012419-B

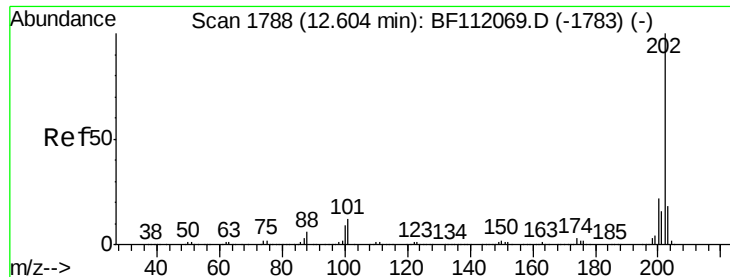
Tgt Ion:167 Resp: 5793
 Ion Ratio Lower Upper
 167 100
 166 17.4 17.9 26.9#
 139 14.0 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 0.032 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF112252.D
 Acq: 26 Jan 2019 00:35

Tgt Ion:149 Resp: 1426
 Ion Ratio Lower Upper
 149 100
 150 0.0 8.1 12.1#
 104 0.0 3.9 5.9#





#75

Fluoranthene

Concen: 0.049 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF112252.D

Acq: 26 Jan 2019 00:35

Instrument :

BNA_F

ClientSampleId :

SU-04-012419-B

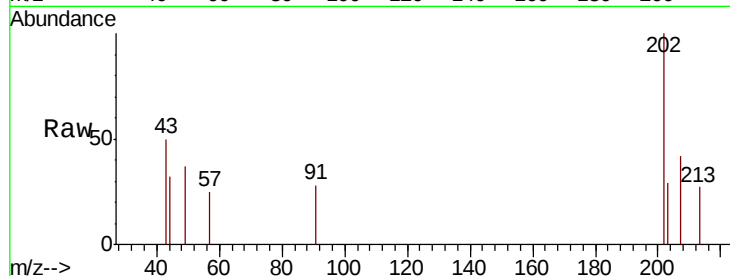
Tgt Ion: 202 Resp: 1907

Ion Ratio Lower Upper

202 100

101 0.0 0.0 31.8

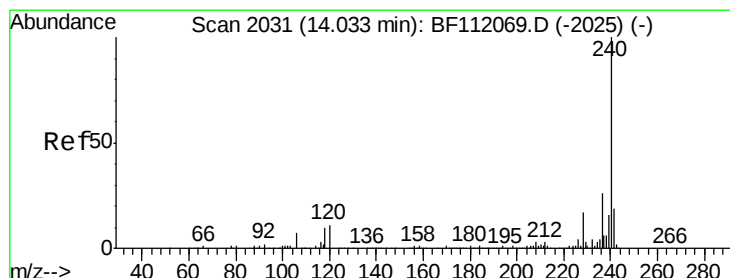
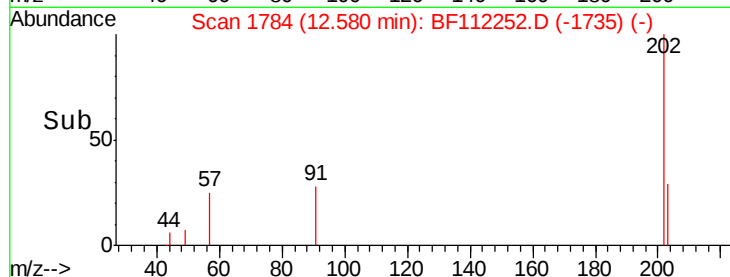
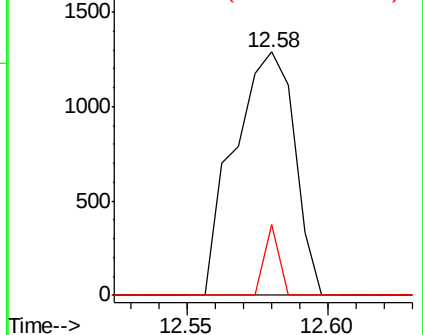
203 28.9 0.0 38.4



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: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF112252.D

Acq: 26 Jan 2019 00:35

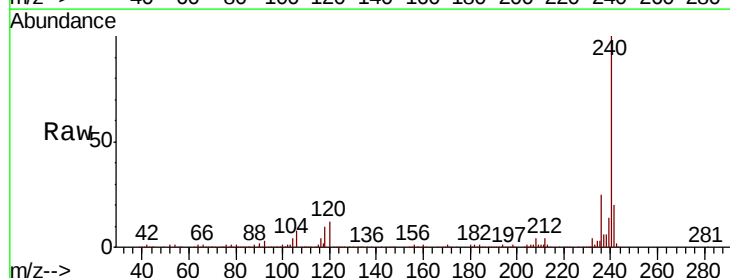
Tgt Ion: 240 Resp: 434035

Ion Ratio Lower Upper

240 100

120 11.8 9.0 13.6

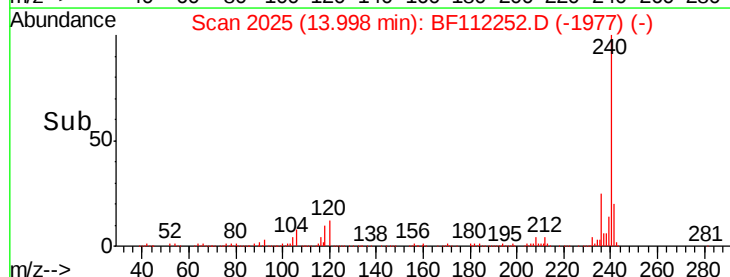
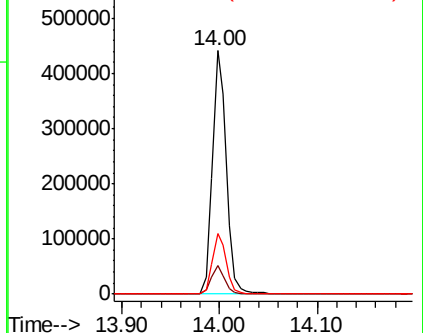
236 25.1 20.7 31.1

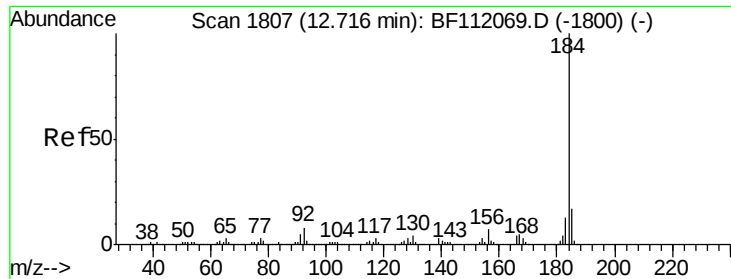


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.165 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.12 min

Lab File: BF112252.D

Acq: 26 Jan 2019 00:35

Instrument :

BNA_F

ClientSampleId :

SU-04-012419-B

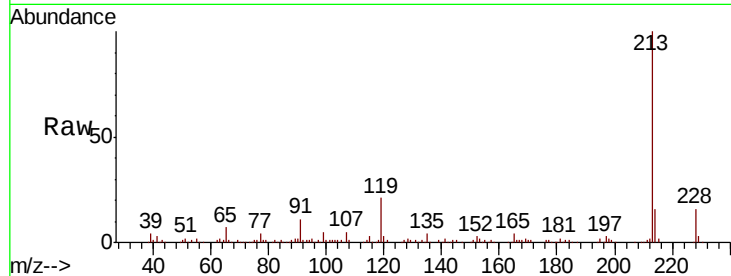
Tgt Ion:184 Resp: 1974

Ion Ratio Lower Upper

184 100

185 57.7 13.9 20.9#

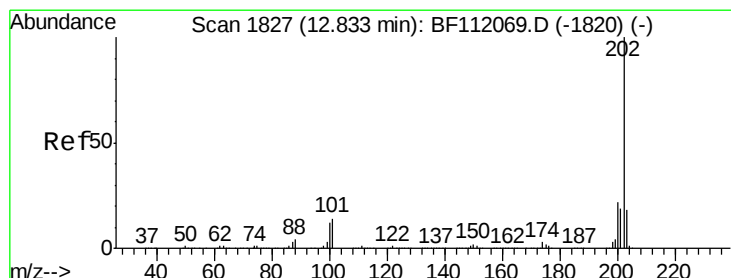
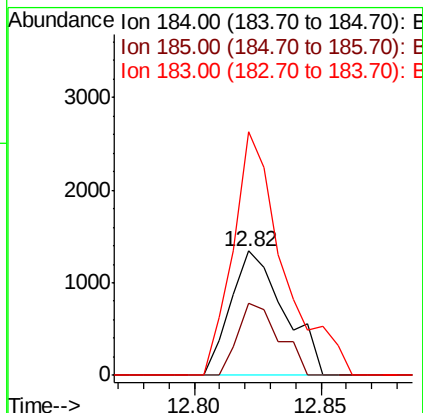
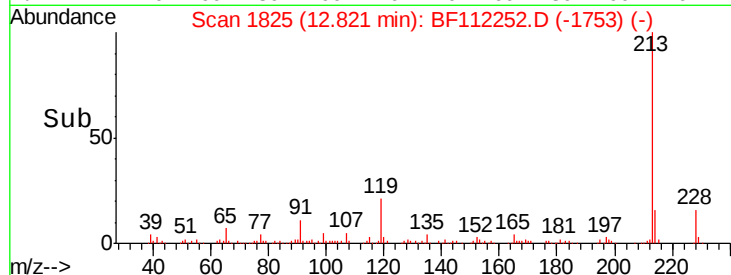
183 196.3 10.0 15.0#



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: 0.062 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF112252.D

Acq: 26 Jan 2019 00:35

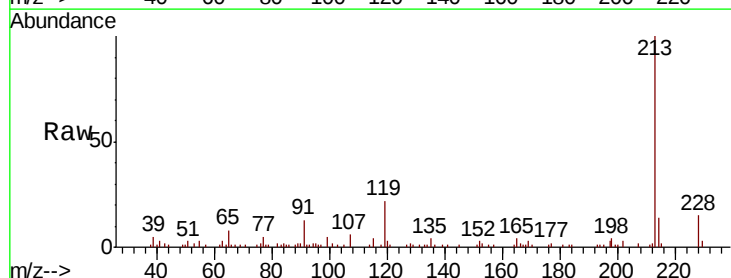
Tgt Ion:202 Resp: 1865

Ion Ratio Lower Upper

202 100

200 22.8 17.7 26.5

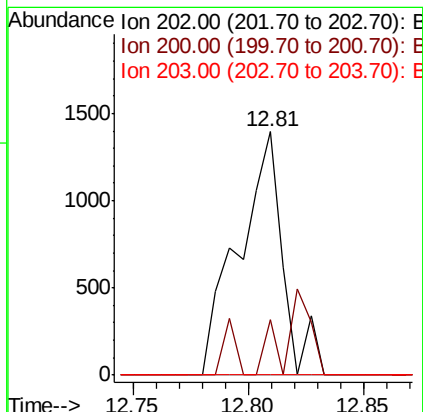
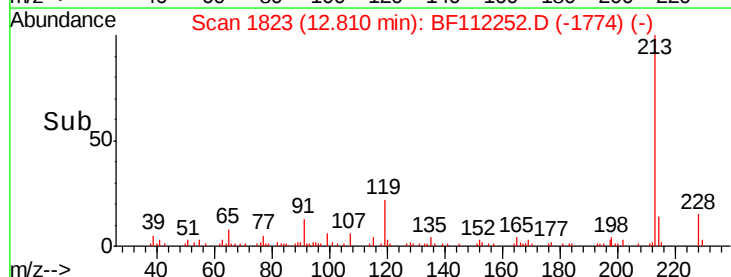
203 0.0 14.6 22.0#

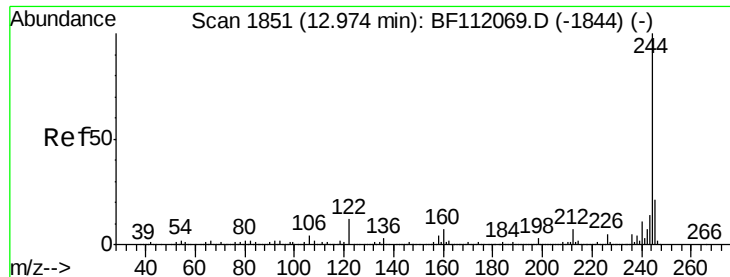


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 39.004 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.02 min

Lab File: BF112252.D

Acq: 26 Jan 2019 00:35

Instrument :

BNA_F

ClientSampleId :

SU-04-012419-B

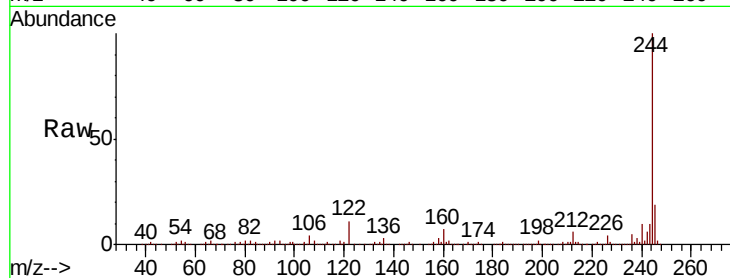
Tgt Ion:244 Resp: 898832

Ion Ratio Lower Upper

244 100

212 6.4 5.9 8.9

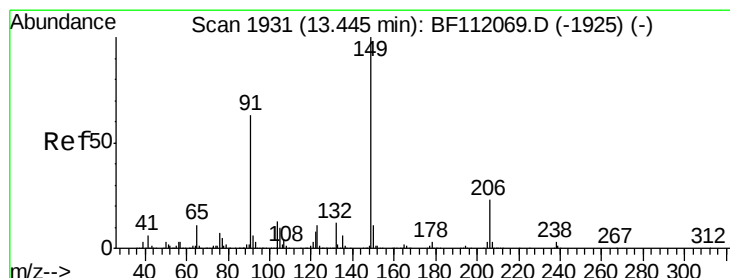
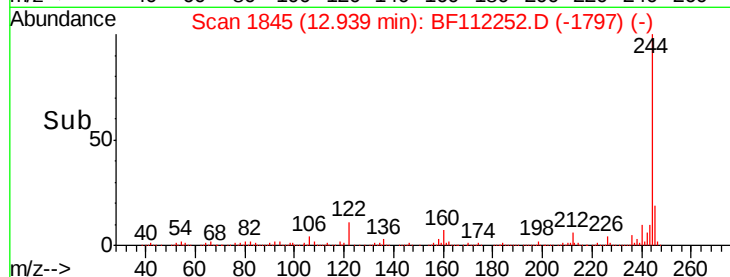
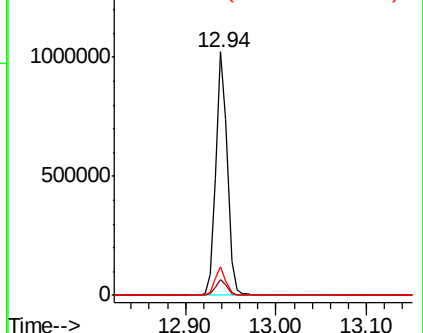
122 11.5 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 0.026 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BF112252.D

Acq: 26 Jan 2019 00:35

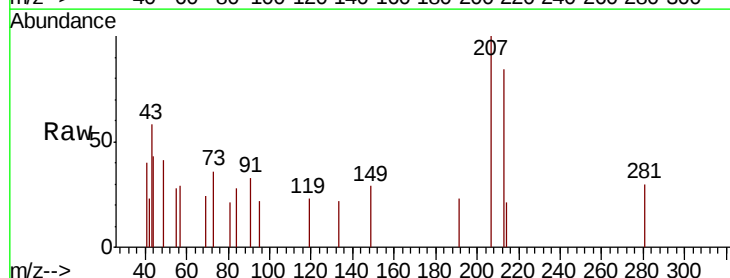
Tgt Ion:149 Resp: 381

Ion Ratio Lower Upper

149 100

91 114.0 50.3 75.5#

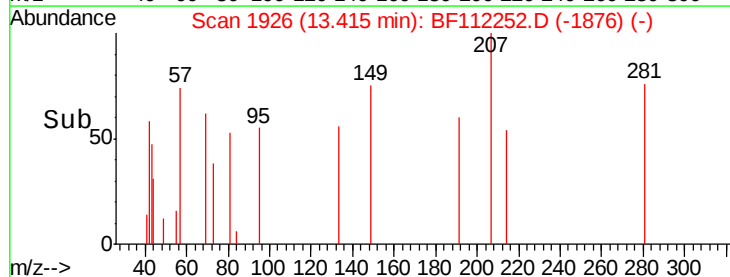
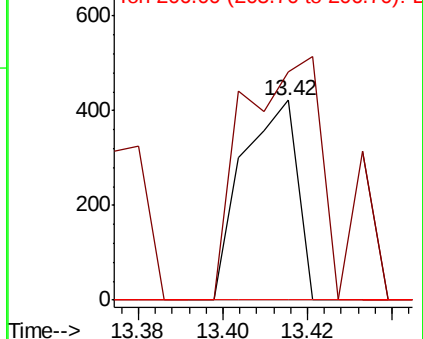
206 0.0 18.2 27.4#

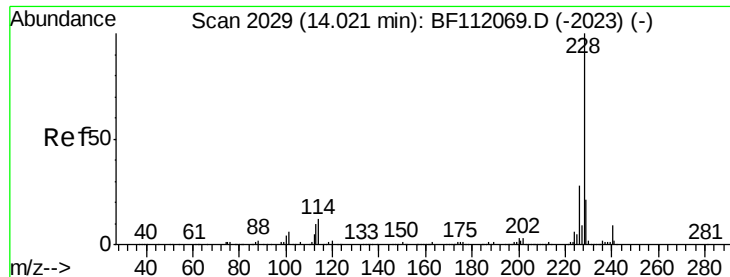


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.141 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF112252.D

Acq: 26 Jan 2019 00:35

Instrument :

BNA_F

ClientSampleId :

SU-04-012419-B

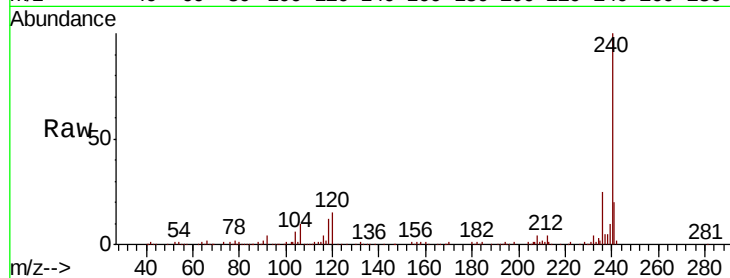
Tgt Ion:228 Resp: 3594

Ion Ratio Lower Upper

228 100

226 23.2 22.6 34.0

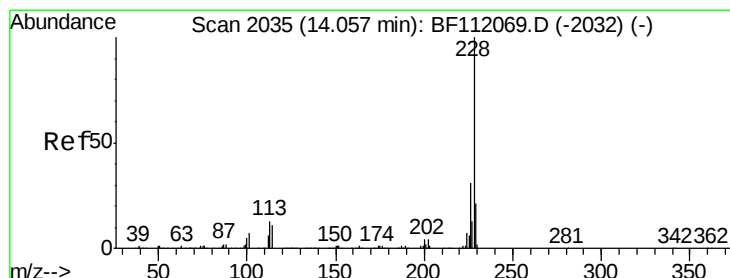
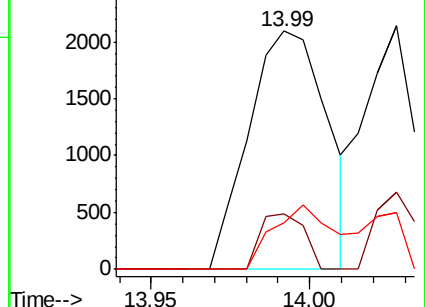
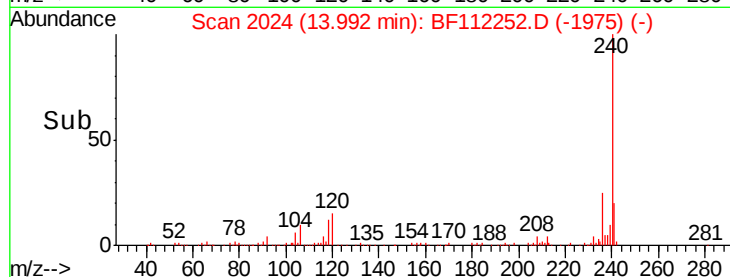
229 19.6 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 0.124 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BF112252.D

Acq: 26 Jan 2019 00:35

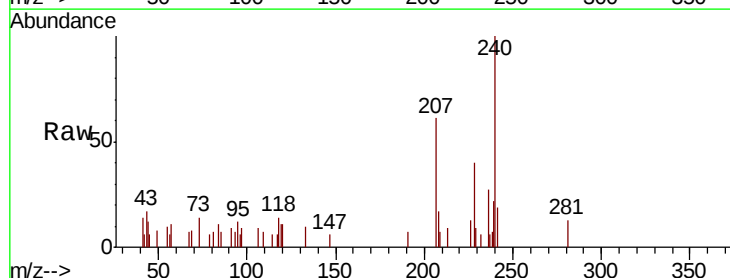
Tgt Ion:228 Resp: 3013

Ion Ratio Lower Upper

228 100

226 31.7 25.0 37.6

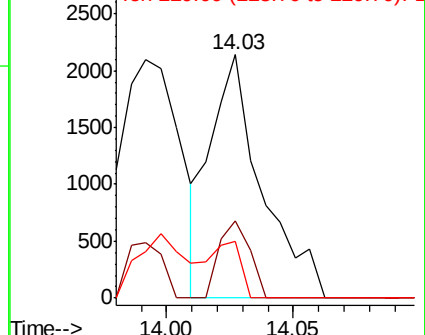
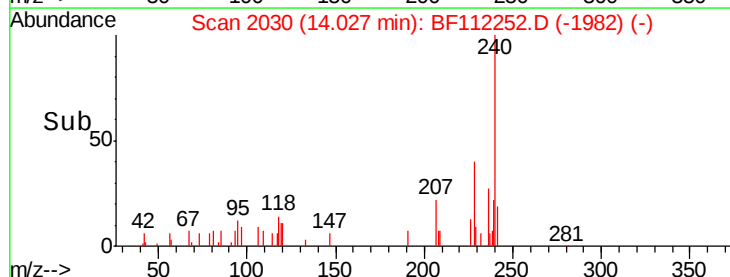
229 23.4 16.6 24.8

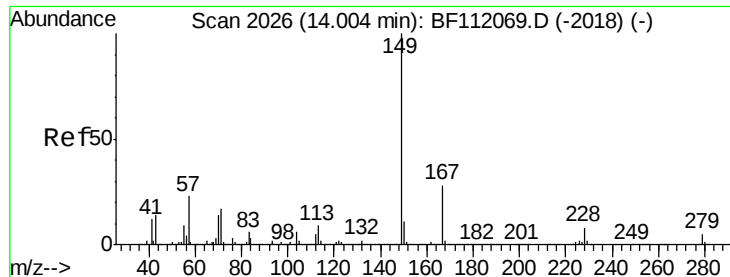


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

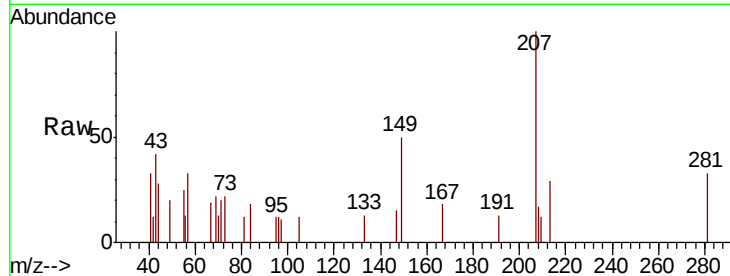




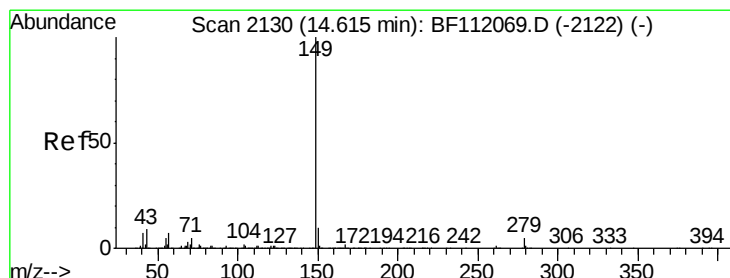
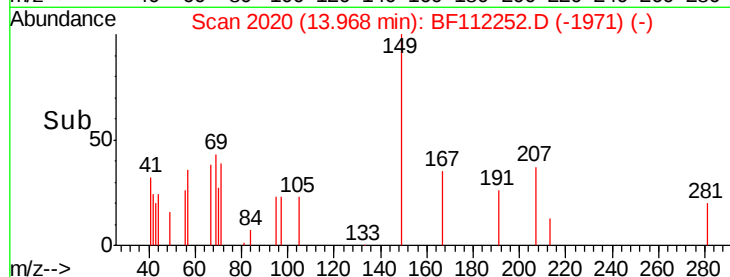
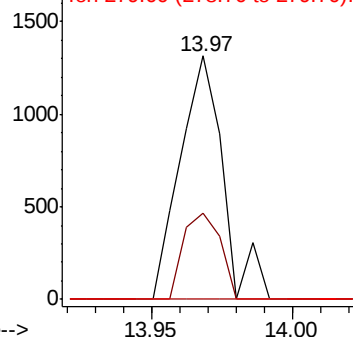
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.067 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF112252.D
 Acq: 26 Jan 2019 00:35

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-012419-B

Tgt Ion:149 Resp: 1384
 Ion Ratio Lower Upper
 149 100
 167 35.4 22.5 33.7#
 279 0.0 3.8 5.6#

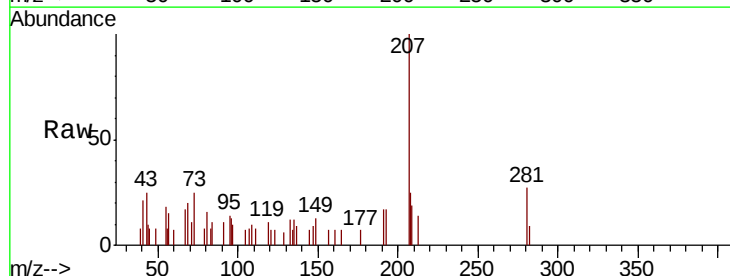


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

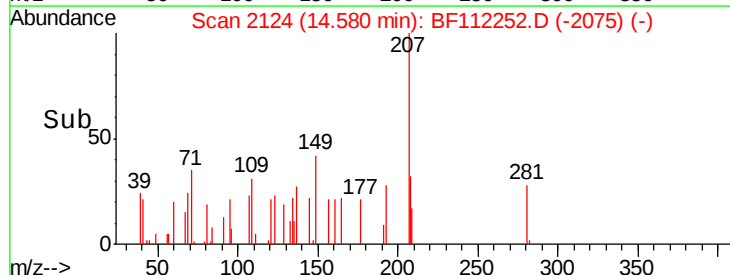
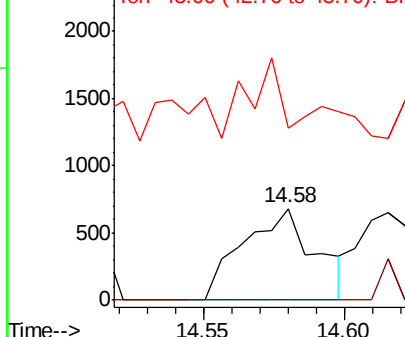


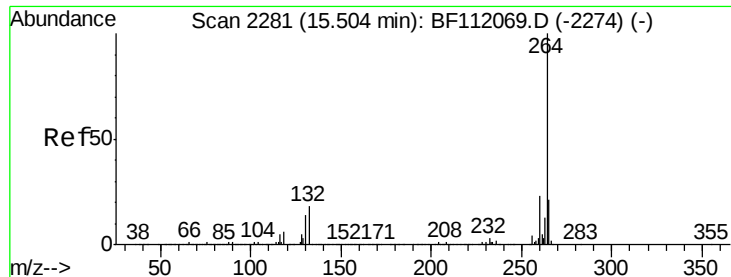
#85
 Di-n-octyl phthalate
 Concen: 0.038 ng
 RT: 14.58 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BF112252.D
 Acq: 26 Jan 2019 00:35

Tgt Ion:149 Resp: 1210
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 42.7 7.8 11.6#



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



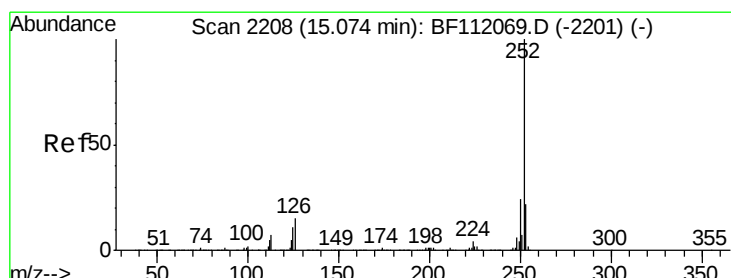
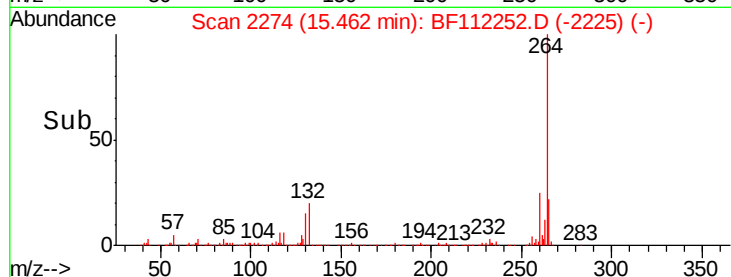
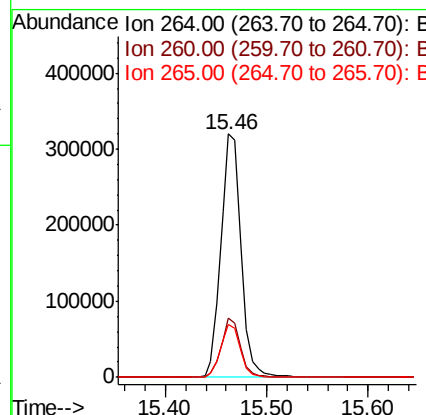
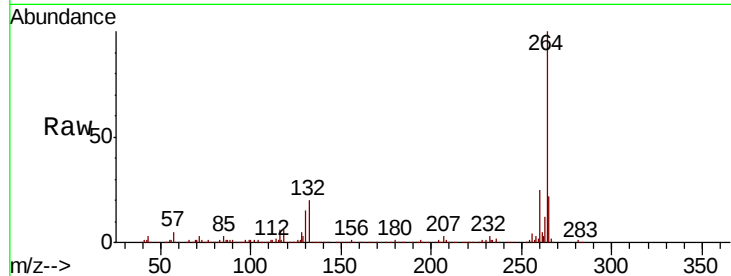


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF112252.D
Acq: 26 Jan 2019 00:35

Instrument :
BNA_F
ClientSampleId :
SU-04-012419-B

Tgt Ion: 264 Resp: 443257

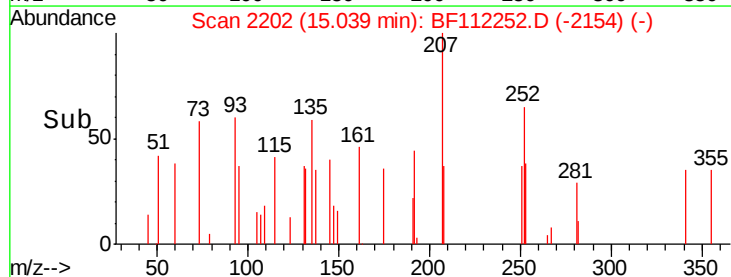
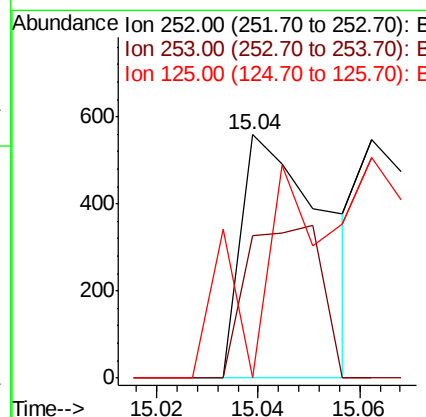
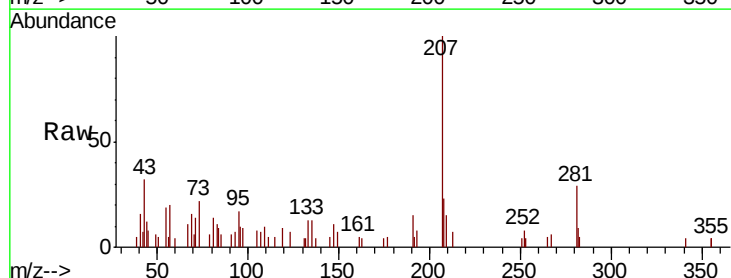
Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.2	27.2
265	21.8	17.0	25.4

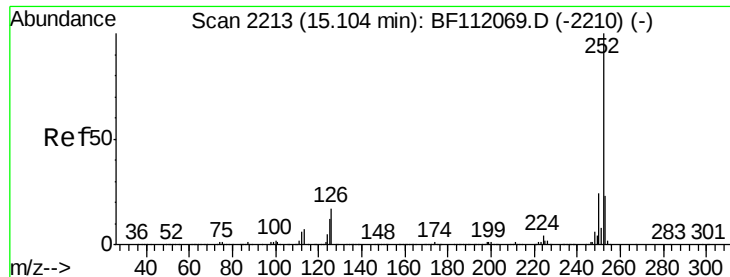


#88
Benzo(b)fluoranthene
Concen: 0.024 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF112252.D
Acq: 26 Jan 2019 00:35

Tgt Ion: 252 Resp: 640

Ion	Ratio	Lower	Upper
252	100		
253	58.3	18.0	27.0#
125	0.0	8.7	13.1#

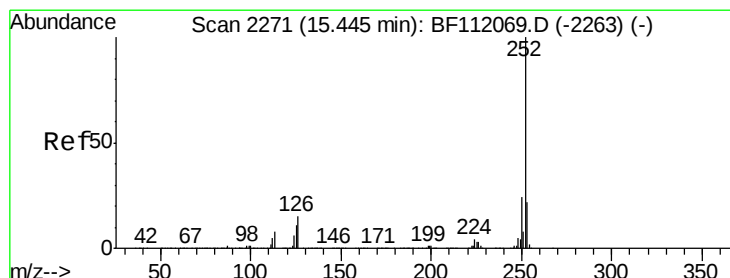
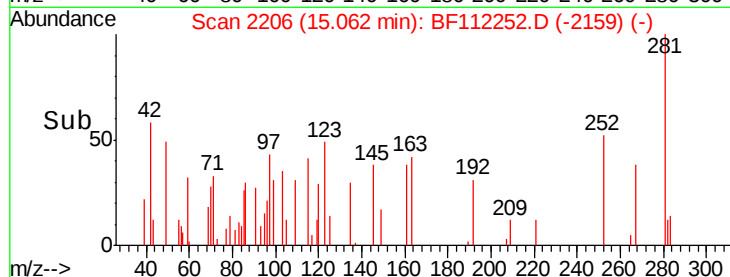
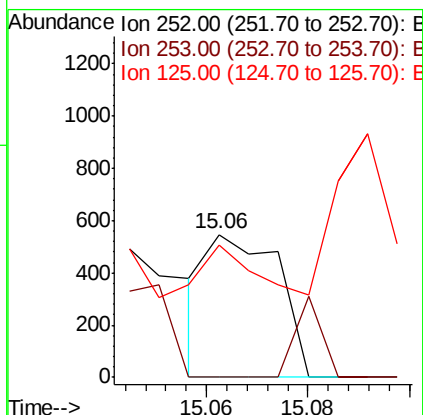
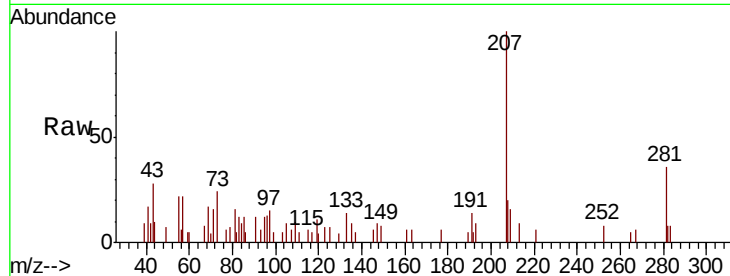




#89
Benzo(k)fluoranthene
Concen: 0.021 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF112252.D
Acq: 26 Jan 2019 00:35

Instrument :
BNA_F
ClientSampleId :
SU-04-012419-B

Tgt Ion: 252 Resp: 531
Ion Ratio Lower Upper
252 100
253 0.0 18.0 27.0#
125 92.5 9.1 13.7#



#90
Benzo(a)pyrene
Concen: 0.013 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BF112252.D
Acq: 26 Jan 2019 00:35

Tgt Ion: 252 Resp: 299
Ion Ratio Lower Upper
252 100
253 0.0 17.5 26.3#
125 0.0 9.0 13.4#

