

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
 Data File : BF089812.D
 Acq On : 19 Aug 2016 22:40
 Operator : UM/SJ
 Sample : H4518-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1(0-5)

Quant Time: Aug 22 01:22:48 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	556823	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	1882913	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	818006	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	1202701	20.00	ng	0.00
75) Chrysene-d12	13.85	240	1007957	20.00	ng	-0.02
86) Perylene-d12	15.33	264	1197167	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	2750598	84.71	ng	0.01
7) Phenol-d6	6.32	99	2877895	72.20	ng	0.00
23) Nitrobenzene-d5	7.24	82	1778665	58.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.50	330	579300	74.52	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	3642296	78.26	ng	0.00
78) Terphenyl-d14	12.78	244	1985210	44.56	ng	-0.01

Target Compounds

						Qvalue
3) Pyridine	2.78	79	1706	0.04	ng	# 1
4) n-Nitrosodimethylamine	2.82	42	689	0.04	ng	# 1
6) Aniline	6.33	93	2407	0.05	ng	# 1
8) 2-Chlorophenol	6.47	128	1599	0.04	ng	# 75
9) Benzaldehyde	6.22	77	8576	0.33	ng	95
10) Phenol	6.33	94	47666	1.02	ng	88
11) bis(2-Chloroethyl)ether	6.44	93	5431	0.15	ng	# 1
12) 1,3-Dichlorobenzene	6.70	146	1302	0.03	ng	# 1
13) 1,4-Dichlorobenzene	6.70	146	1302	0.03	ng	# 34
14) 1,2-Dichlorobenzene	6.86	146	977	0.03	ng	# 69
15) Benzyl Alcohol	6.83	79	36720	1.39	ng	# 52
16) 2,2'-oxybis(1-Chloropropan	7.03	45	2134	0.05	ng	# 1
17) 2-Methylphenol	7.11	107	11904	0.39	ng	87
18) Hexachloroethane	7.15	117	464	0.03	ng	# 15
19) n-Nitroso-di-n-propylamine	7.24	70	233234	9.15	ng	# 76
20) 3+4-Methylphenols	7.11	107	11904	0.32	ng	# 54
22) Acetophenone	7.10	105	14054	0.33	ng	# 90
24) Nitrobenzene	7.24	77	6191	0.18	ng	# 29
25) Isophorone	7.24	82	1615482	26.43	ng	# 67
27) 2,4-Dimethylphenol	7.67	122	10053	0.33	ng	# 20
28) bis(2-Chloroethoxy)methane	7.72	93	1216	0.03	ng	# 1
29) 2,4-Dichlorophenol	7.93	162	321	0.01	ng	# 21
31) Naphthalene	7.99	128	167529	1.90	ng	97
32) Benzoic acid	7.67	122	10053	0.42	ng	97
33) 4-Chloroaniline	7.99	127	23784	0.62	ng	# 41
35) Caprolactam	8.41	113	1776	0.23	ng	# 12
36) 4-Chloro-3-methylphenol	8.50	107	935	0.03	ng	# 44
37) 2-Methylnaphthalene	8.78	142	87405	1.54	ng	95
45) 1,1'-Biphenyl	9.14	154	31495	0.50	ng	97
46) 2-Chloronaphthalene	9.16	162	779	0.02	ng	# 36
47) 2-Nitroaniline	9.29	65	1259	0.09	ng	# 25
48) Acenaphthylene	9.58	152	169946	2.26	ng	97
49) Dimethylphthalate	9.44	163	784448	13.62	ng	100
50) 2,6-Dinitrotoluene	9.44	165	10514	0.79	ng	# 7

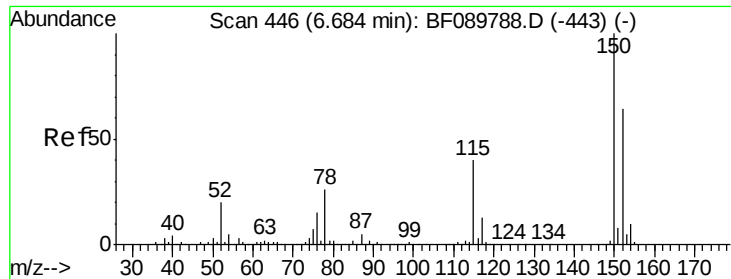
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) Acenaphthene	9.75	154	231440	4.65	ng	98
52) 3-Nitroaniline	9.67	138	563	0.04	ng	# 64
53) 2,4-Dinitrophenol	10.00	184	1314	2.45	ng	95
54) Dibenzofuran	9.92	168	157919	2.53	ng	# 90
55) 4-Nitrophenol	9.75	139	4346	0.36	ng	91
56) 2,4-Dinitrotoluene	9.87	165	7556	0.44	ng	# 60
57) Fluorene	10.26	166	198929	3.99	ng	98
59) Diethylphthalate	10.15	149	10581	0.18	ng	94
60) 4-Chlorophenyl-phenylether	10.39	204	211	0.01	ng	# 1
61) 4-Nitroaniline	10.26	138	3448	0.25	ng	87
62) Azobenzene	10.63	77	5436	0.10	ng	66
64) 4,6-Dinitro-2-methylphenol	10.33	198	261	0.04	ng	# 1
65) n-Nitrosodiphenylamine	10.38	169	33141	0.88	ng	87
66) 4-Bromophenyl-phenylether	10.50	248	33095	2.62	ng	# 1
68) Atrazine	10.90	200	2670	0.23	ng	# 1
69) Pentachlorophenol	10.99	266	311	0.04	ng	# 52
70) Phenanthrene	11.21	178	3065276	50.46	ng	98
71) Anthracene	11.27	178	857823	13.89	ng	97
72) Carbazole	11.42	167	198899	3.59	ng	99
73) Di-n-butylphthalate	11.77	149	117563	1.70	ng	97
74) Fluoranthene	12.40	202	3502106	60.61	ng	93
76) Benzidine	12.56	184	1489	0.05	ng	# 1
77) Pyrene	12.63	202	4187958	51.02	ng	94
79) Butylbenzylphthalate	13.27	149	1401962	37.82	ng	# 83
80) Benzo(a)anthracene	13.84	228	2563400	44.41	ng	97
81) 3,3'-Dichlorobenzidine	13.84	252	3312	0.18	ng	# 1
82) Chrysene	13.87	228	1561375	31.55	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	3146521	61.62	ng	96
84) Di-n-octyl phthalate	14.50	149	258476	3.81	ng	# 64
85) Indeno(1,2,3-cd)pyrene	16.61	276	1261816	19.98	ng	94
87) Benzo(b)fluoranthene	14.94	252	3486606	52.94	ng	98
88) Benzo(k)fluoranthene	14.94	252	3486606	58.35	ng	# 97
89) Benzo(a)pyrene	15.27	252	2107498	33.81	ng	96
90) Dibenzo(a,h)anthracene	16.62	278	344431	5.09	ng	93
91) Benzo(g,h,i)perylene	16.99	276	1166545	16.37	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF089812.D

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B-1(0-5)

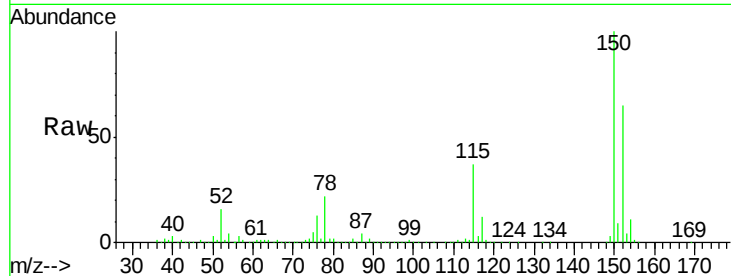
Tgt Ion:152 Resp: 556823

Ion Ratio Lower Upper

152 100

150 154.5 125.3 187.9

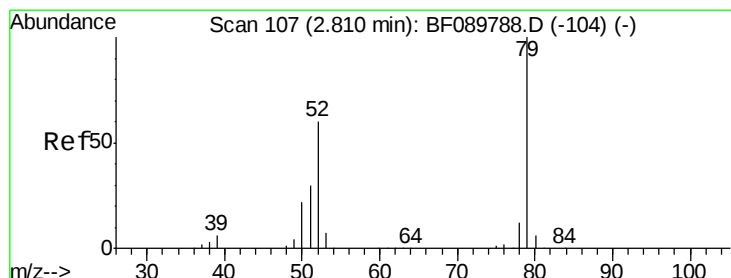
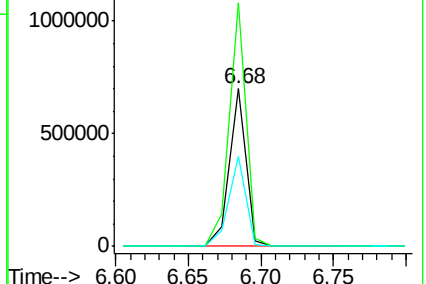
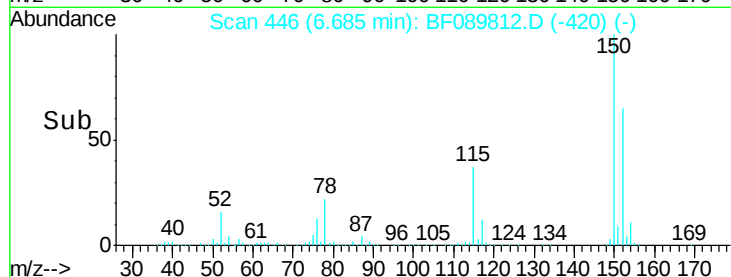
115 56.8 40.9 61.3



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



#3

Pyridine

Concen: 0.04 ng

RT: 2.78 min Scan# 104

Delta R.T. -0.03 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

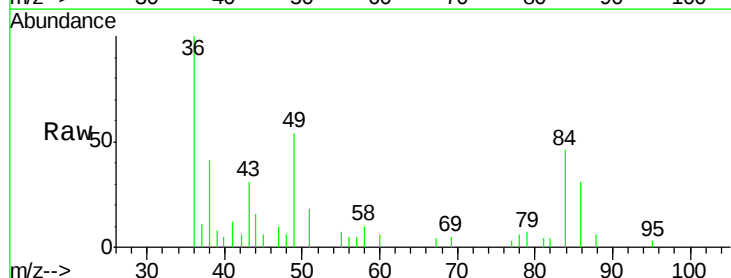
Tgt Ion: 79 Resp: 1706

Ion Ratio Lower Upper

79 100

52 0.0 53.6 80.4#

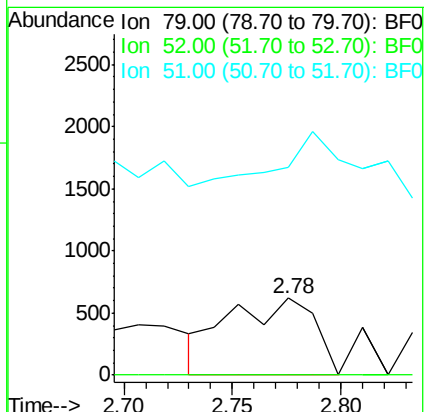
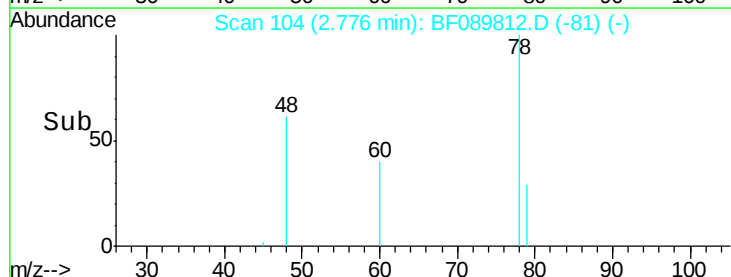
51 269.6 26.6 39.8#

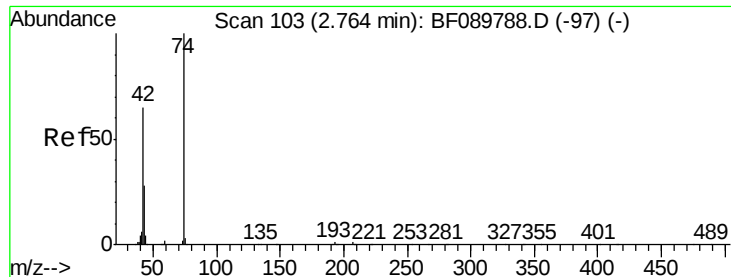


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.04 ng

RT: 2.82 min Scan# 108

Delta R.T. 0.06 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

Instrument :

BNA_F

ClientSampleId :

B-1(0-5)

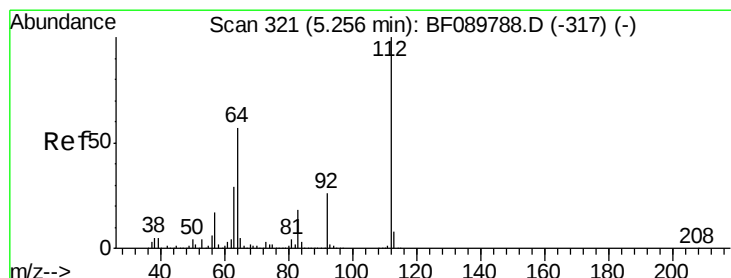
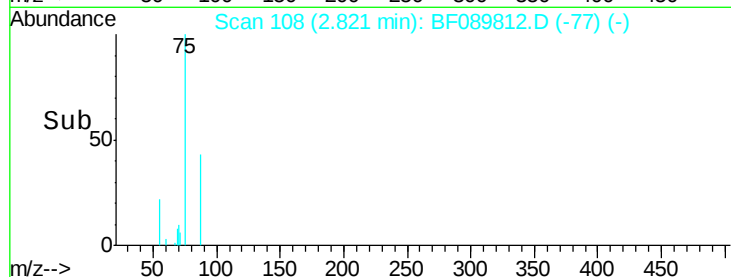
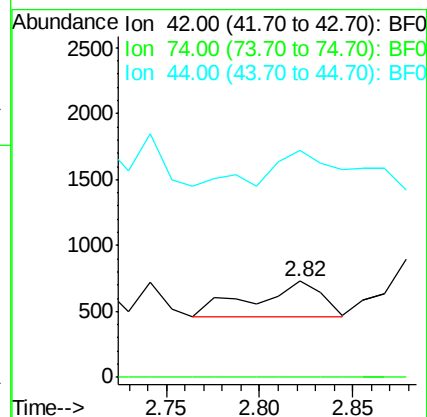
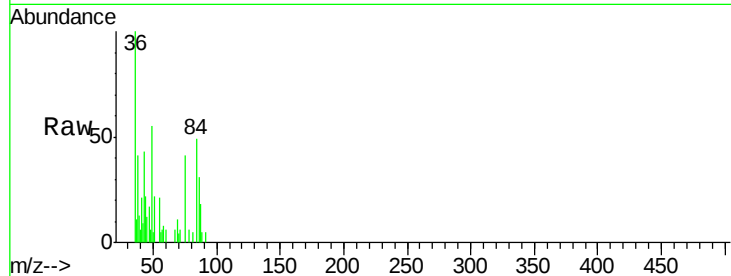
Tgt Ion: 42 Resp: 689

Ion Ratio Lower Upper

42 100

74 0.0 106.2 159.2#

44 235.4 6.9 10.3#



#5

2-Fluorophenol

Concen: 84.71 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

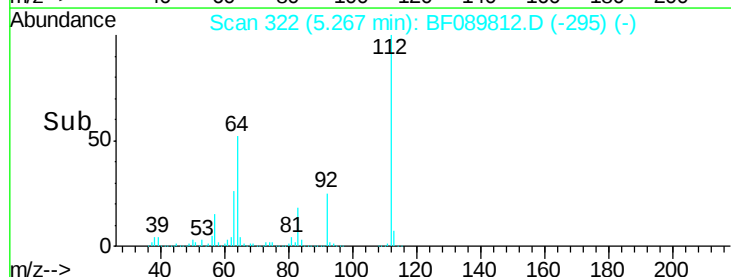
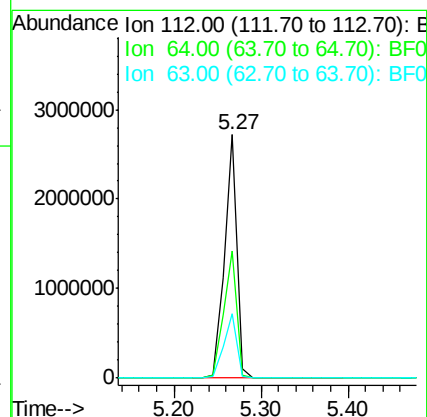
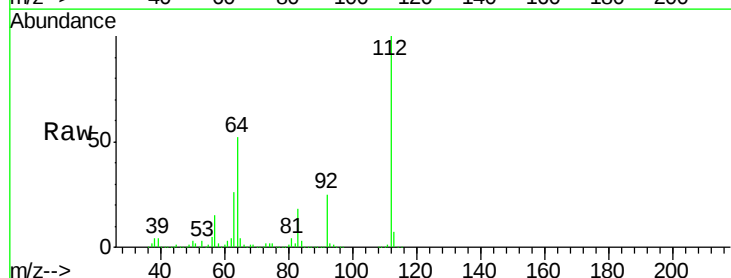
Tgt Ion: 112 Resp: 2750598

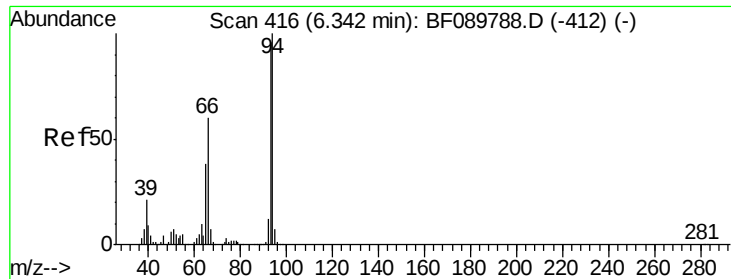
Ion Ratio Lower Upper

112 100

64 52.4 45.0 67.4

63 26.4 23.1 34.7





#6

Aniline

Concen: 0.05 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

Instrument :

BNA_F

ClientSampleId :

B-1(0-5)

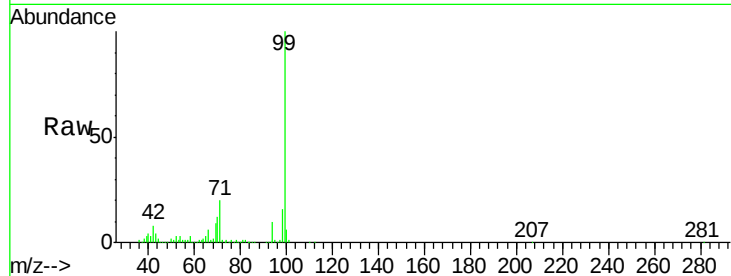
Tgt Ion: 93 Resp: 2407

Ion Ratio Lower Upper

93 100

66 2446.8 30.6 46.0#

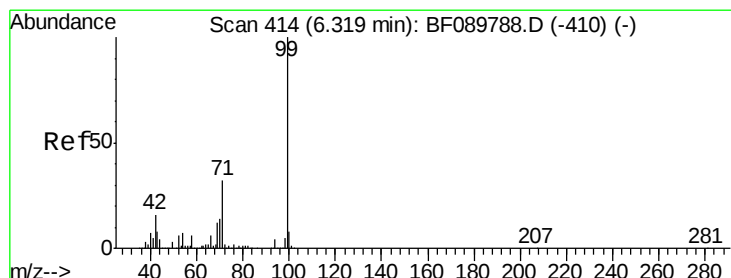
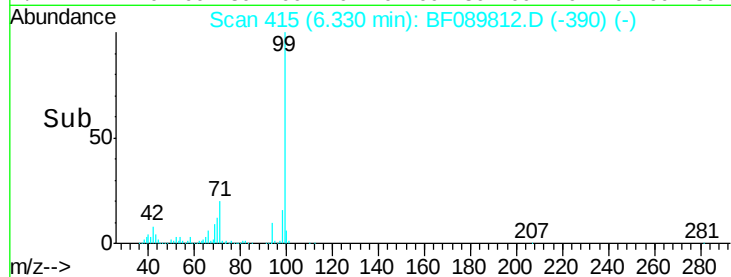
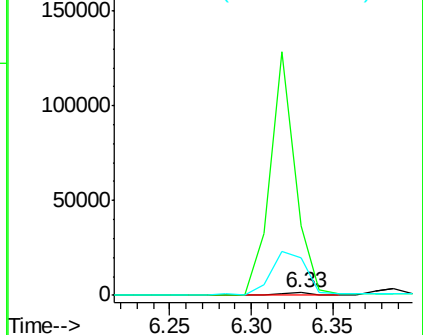
65 1313.0 15.4 23.2#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 72.20 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

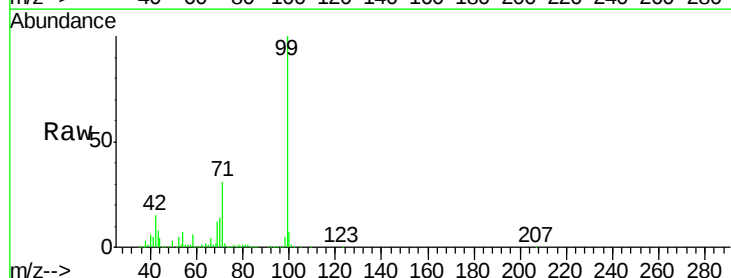
Tgt Ion: 99 Resp: 2877895

Ion Ratio Lower Upper

99 100

42 15.3 12.2 18.4

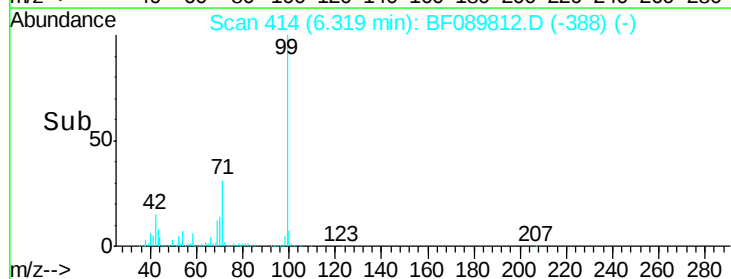
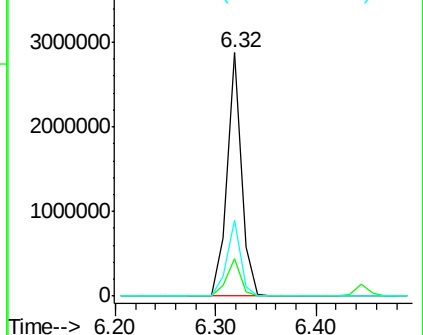
71 31.0 23.8 35.8

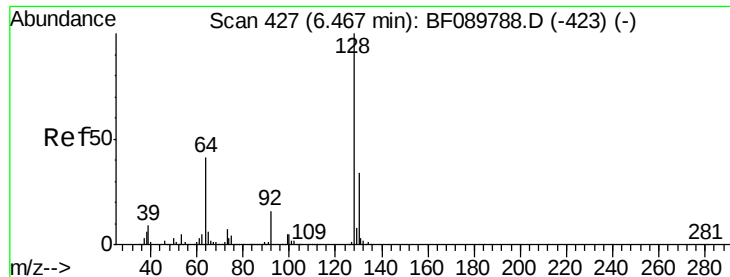


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 0.04 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

Instrument :

BNA_F

ClientSampleId :

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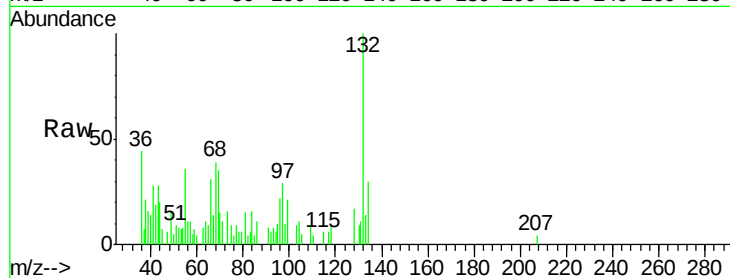
Tgt Ion:128 Resp: 1599

Ion Ratio Lower Upper

128 100

130 54.1 12.0 52.0#

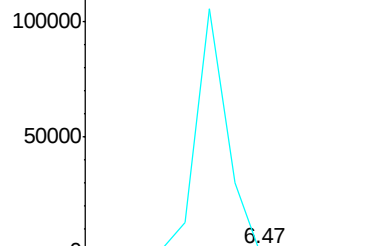
64 67.3 35.1 75.1



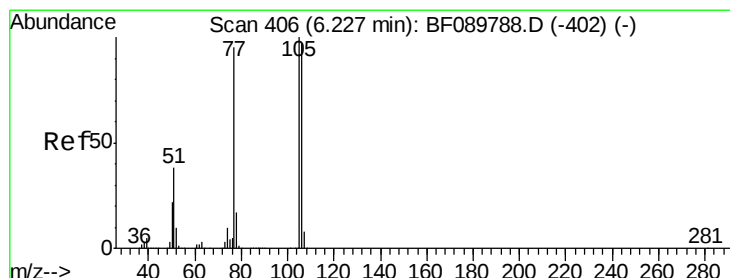
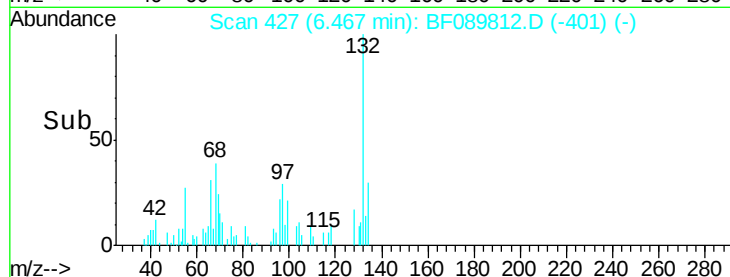
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



Time-->



#9

Benzaldehyde

Concen: 0.33 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

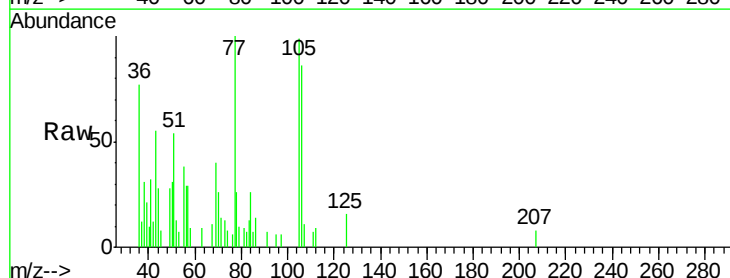
Tgt Ion: 77 Resp: 8576

Ion Ratio Lower Upper

77 100

105 99.5 73.3 113.3

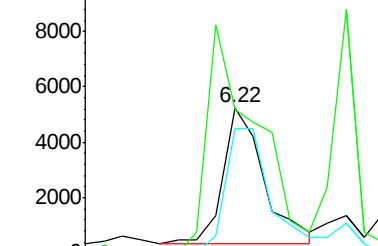
106 86.3 68.6 108.6



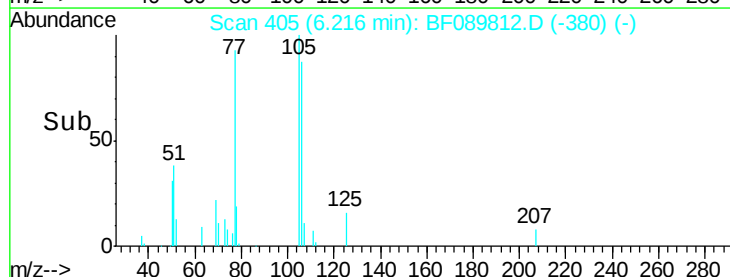
Abundance Ion 77.00 (76.70 to 77.70): BF0

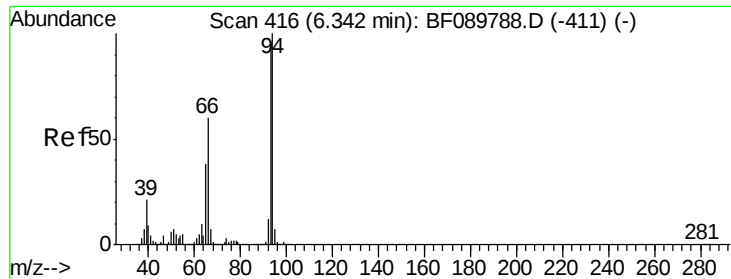
Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



Time-->





#10

Phenol

Concen: 1.02 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

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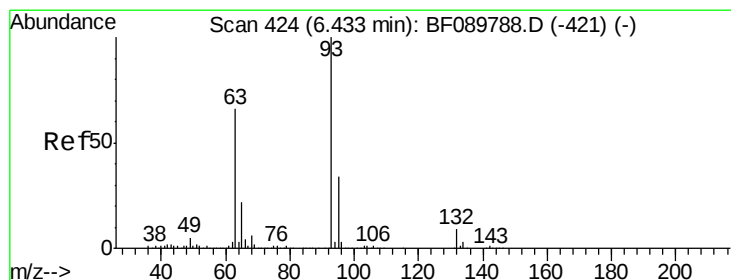
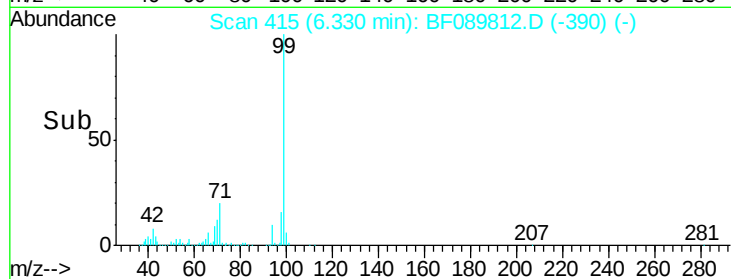
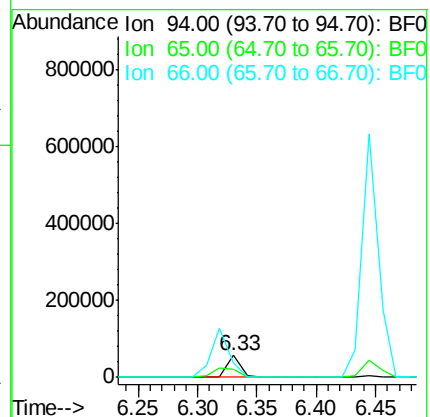
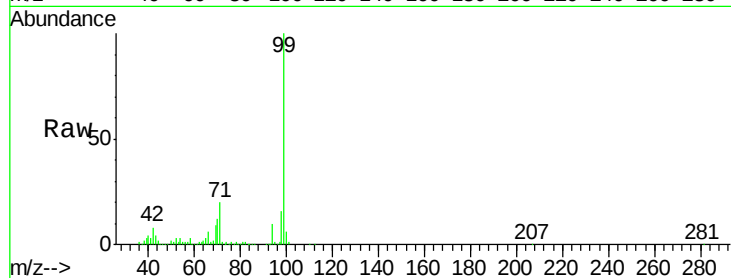
Tgt Ion: 94 Resp: 47666

Ion Ratio Lower Upper

94 100

65 34.7 14.0 54.0

66 64.6 31.2 71.2



#11

bis(2-Chloroethyl)ether

Concen: 0.15 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.01 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

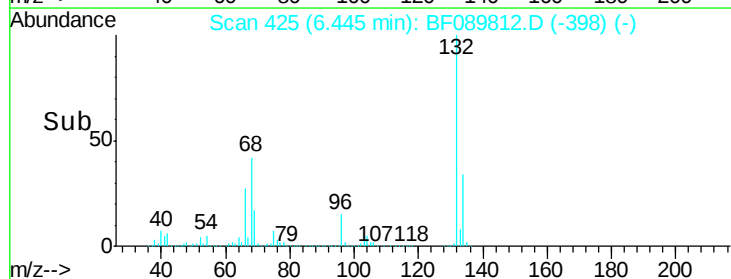
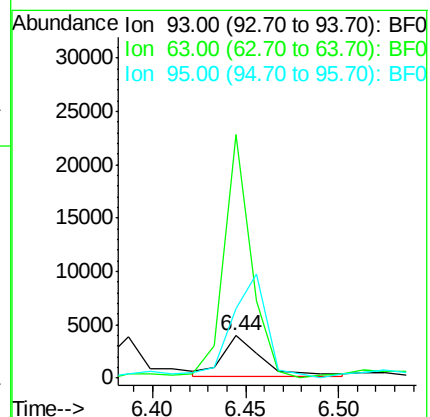
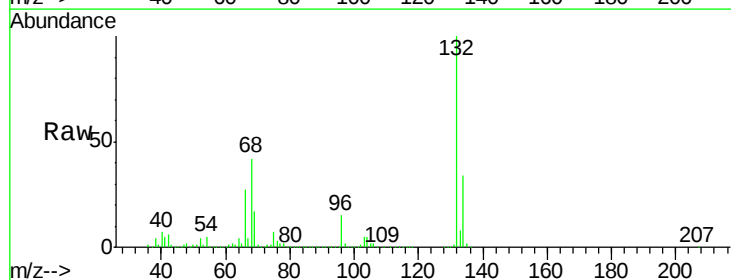
Tgt Ion: 93 Resp: 5431

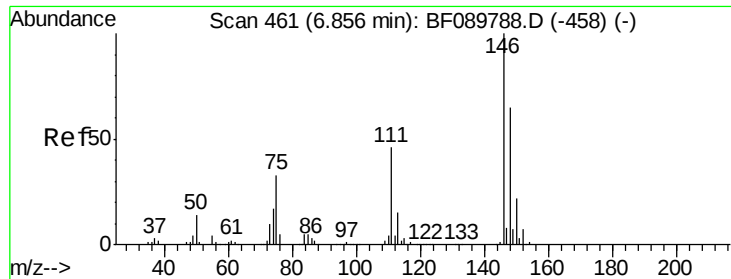
Ion Ratio Lower Upper

93 100

63 578.6 55.8 95.8#

95 165.1 13.0 53.0#





#12

1,3-Dichlorobenzene

Concen: 0.03 ng

RT: 6.70 min Scan# 447

Delta R.T. 0.07 min

Lab File: BF089812.D

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B-1(0-5)

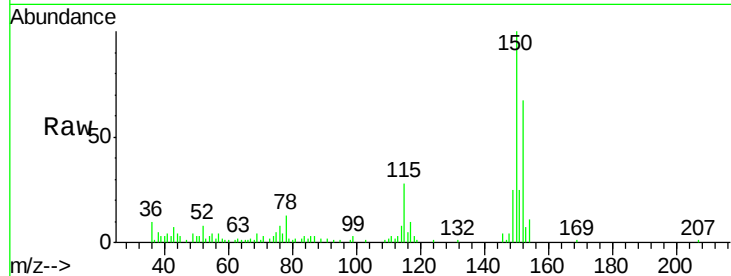
Tgt Ion:146 Resp: 1302

Ion Ratio Lower Upper

146 100

148 123.5 51.0 76.4#

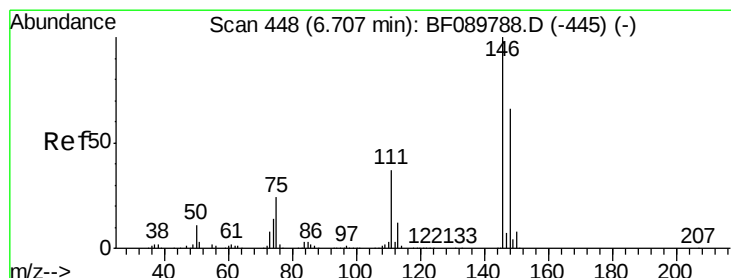
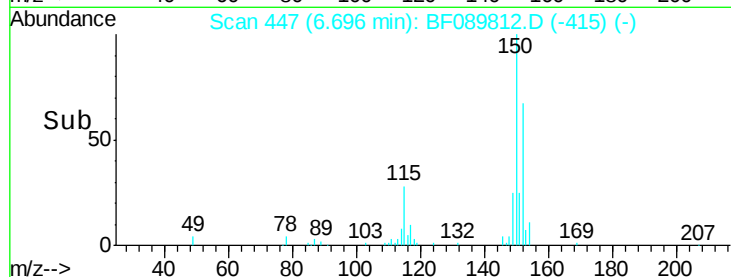
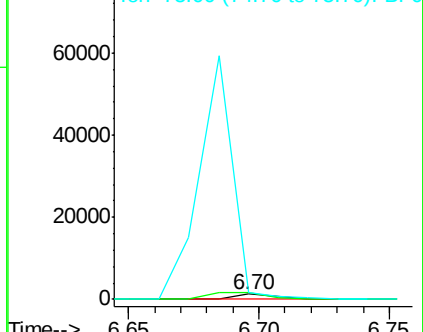
75 134.7 27.0 40.6#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): E



#13

1,4-Dichlorobenzene

Concen: 0.03 ng

RT: 6.70 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

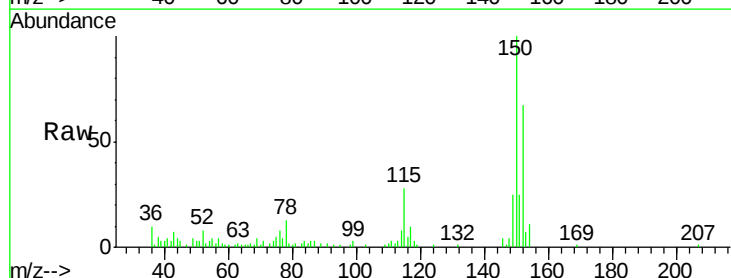
Tgt Ion:146 Resp: 1302

Ion Ratio Lower Upper

146 100

148 123.5 51.0 76.6#

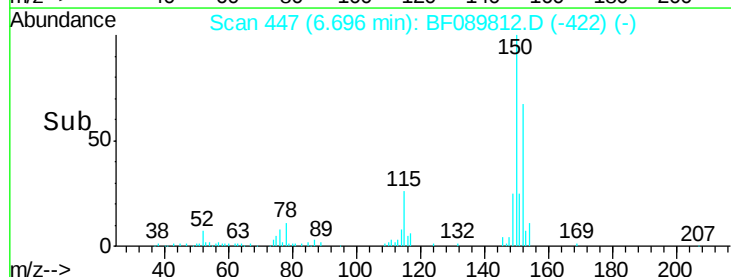
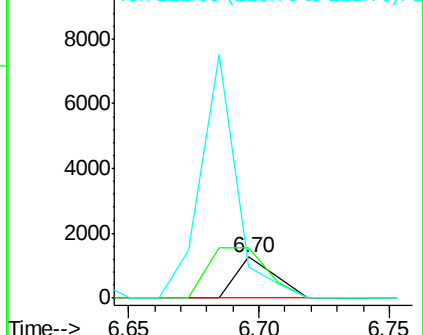
111 75.4 34.6 52.0#

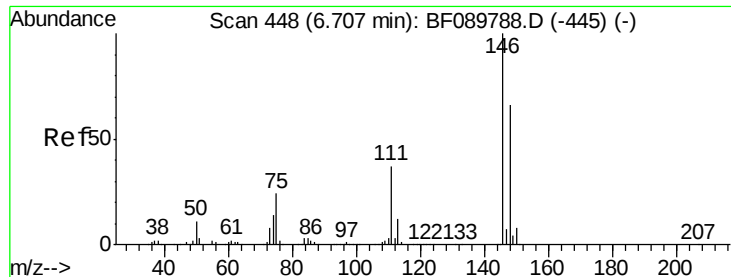


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 0.03 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

Instrument :

BNA_F

ClientSampleId :

B-1(0-5)

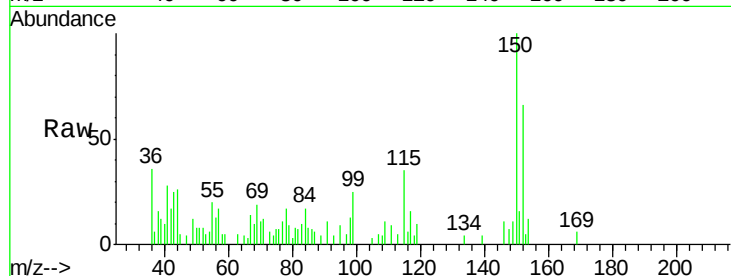
Tgt Ion:146 Resp: 977

Ion Ratio Lower Upper

146 100

148 67.6 52.2 78.2

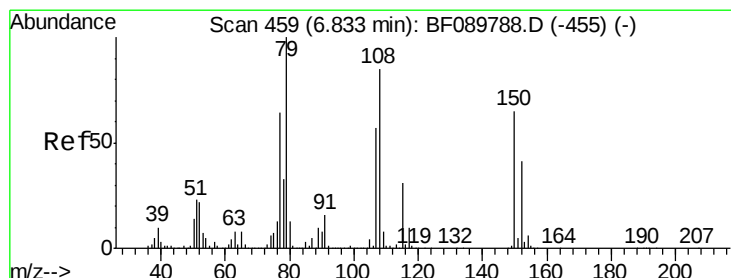
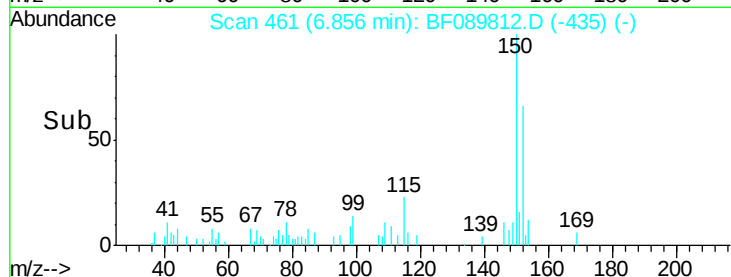
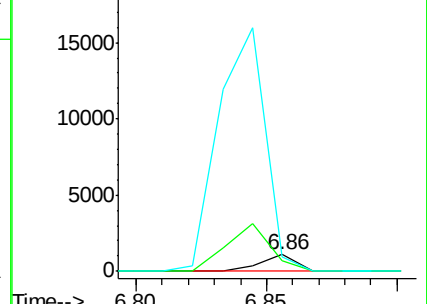
111 84.5 29.8 44.6#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 1.39 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

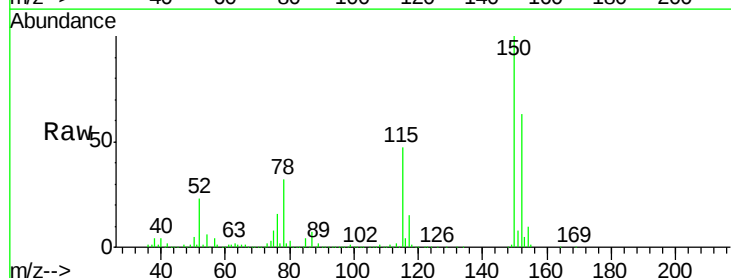
Tgt Ion: 79 Resp: 36720

Ion Ratio Lower Upper

79 100

108 29.3 62.5 93.7#

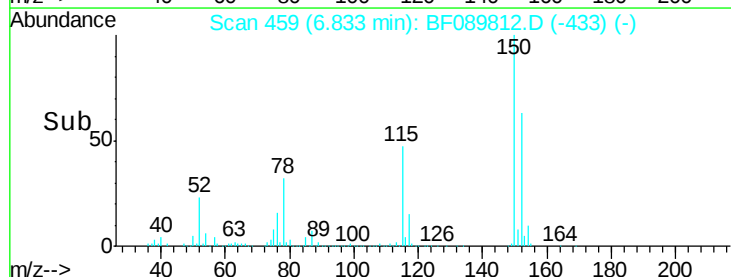
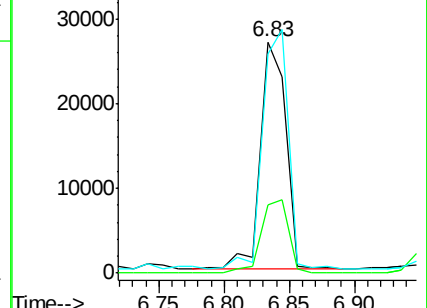
77 95.1 51.5 77.3#

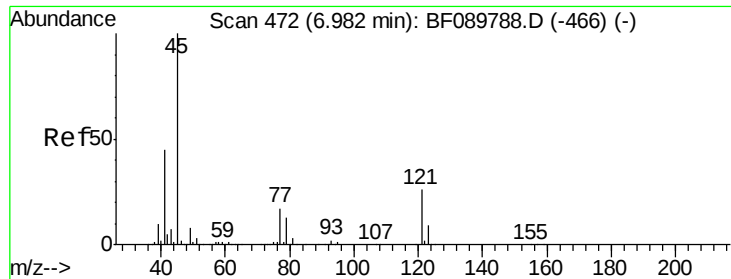


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

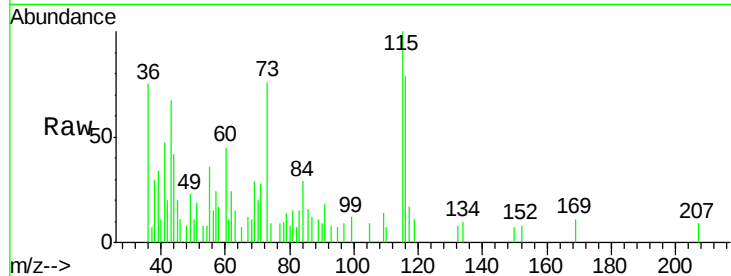




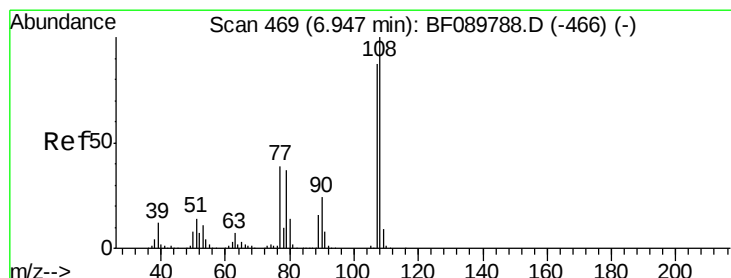
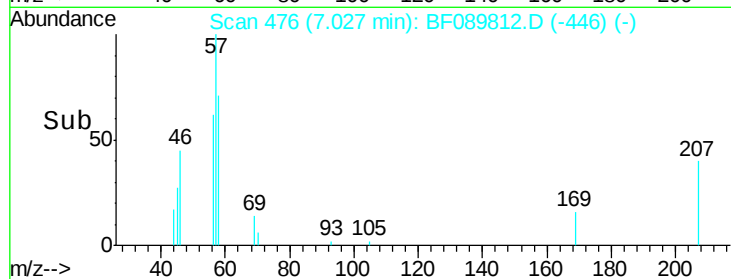
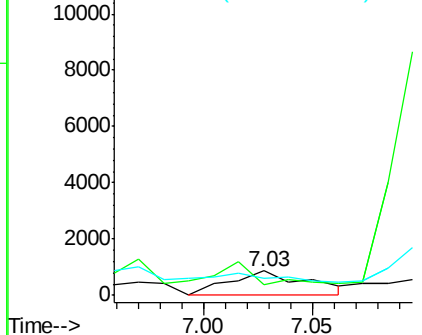
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.05 ng
RT: 7.03 min Scan# 476
Delta R.T. 0.05 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion: 45 Resp: 2134
Ion Ratio Lower Upper
45 100
77 46.5 0.0 33.5#
79 71.1 0.0 30.7#

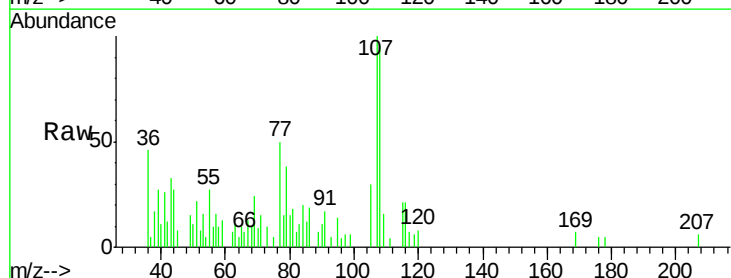


Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

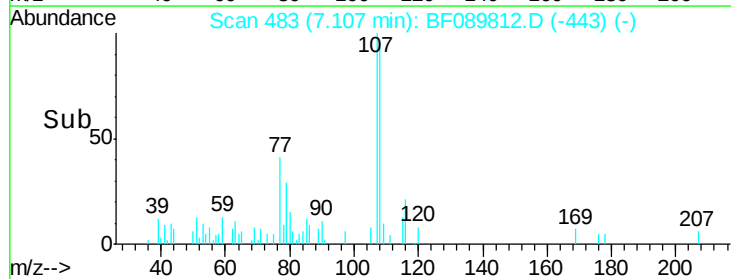
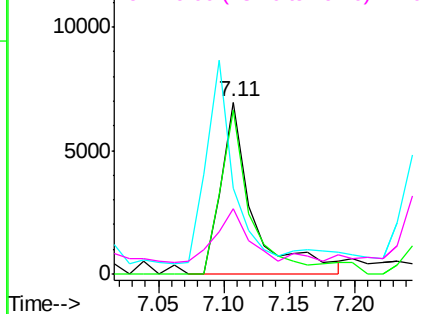


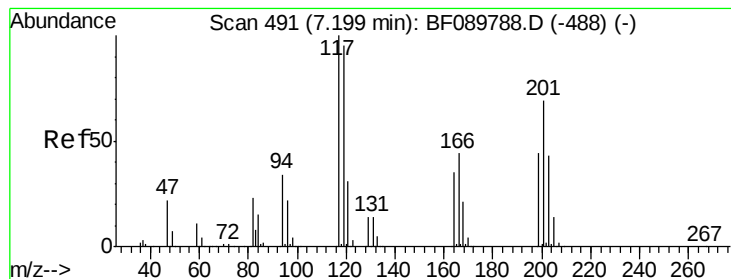
#17
2-Methylphenol
Concen: 0.39 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.16 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion: 107 Resp: 11904
Ion Ratio Lower Upper
107 100
108 95.7 91.0 136.4
77 50.3 37.4 56.0
79 38.1 36.6 55.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#18

Hexachloroethane

Concen: 0.03 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.05 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

Instrument :

BNA_F

ClientSampleId :

B-1(0-5)

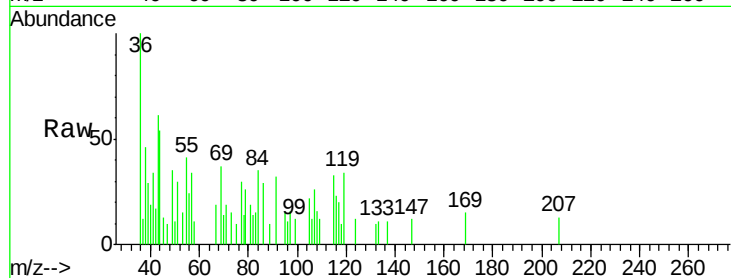
Tgt Ion: 117 Resp: 464

Ion Ratio Lower Upper

117 100

119 166.5 77.1 115.7#

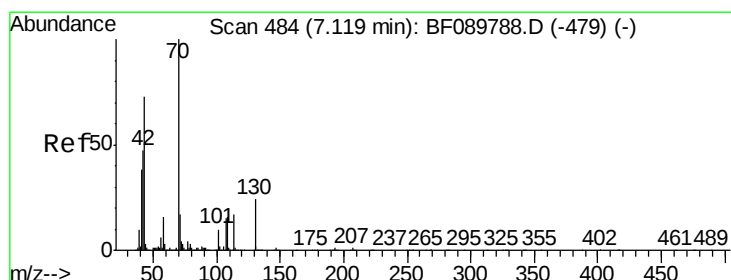
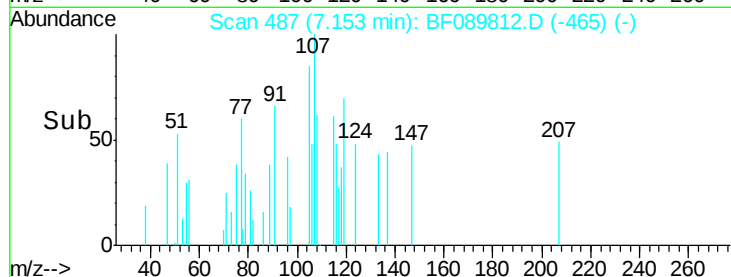
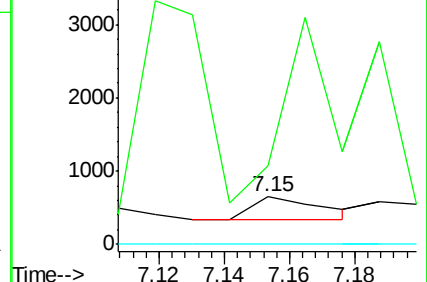
201 0.0 76.9 115.3#



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: 9.15 ng

RT: 7.24 min Scan# 495

Delta R.T. 0.13 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

Tgt Ion: 70 Resp: 233234

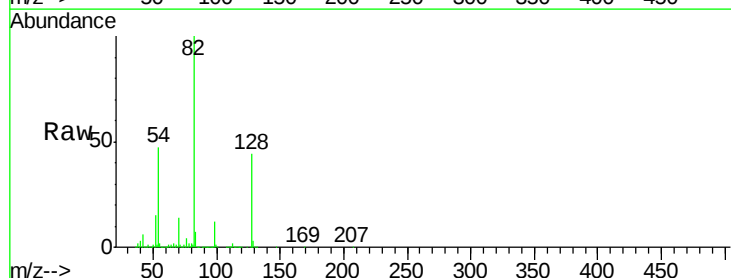
Ion Ratio Lower Upper

70 100

42 42.8 46.3 69.5#

101 0.0 7.0 10.6#

130 2.3 14.4 21.6#

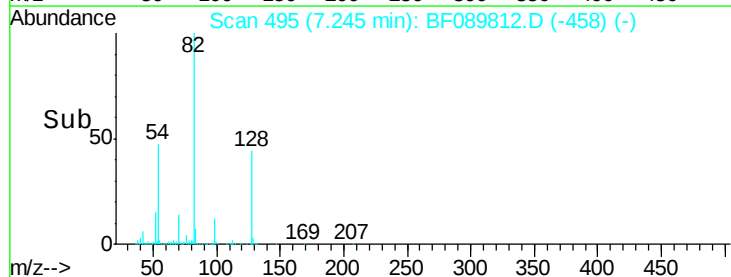
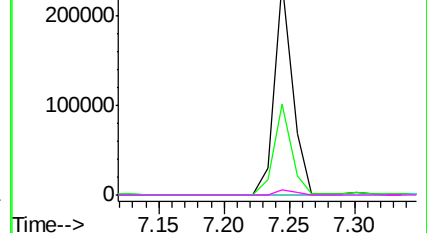


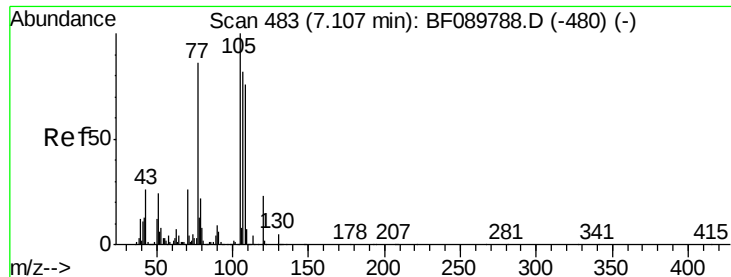
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

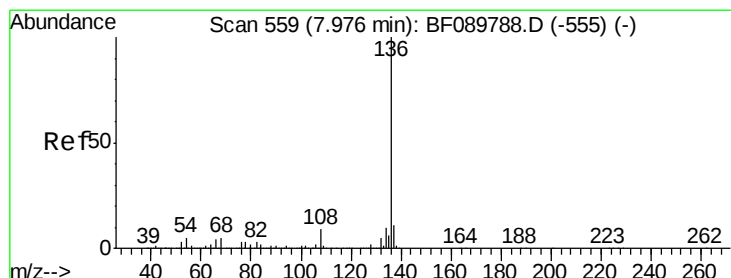
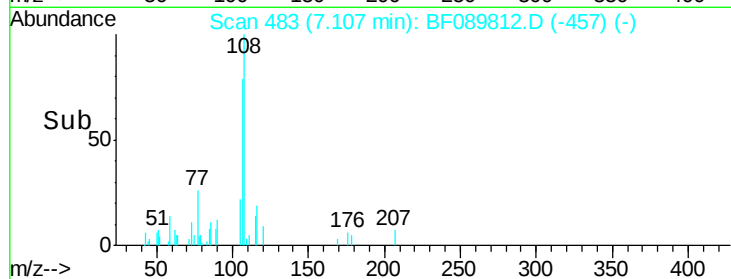
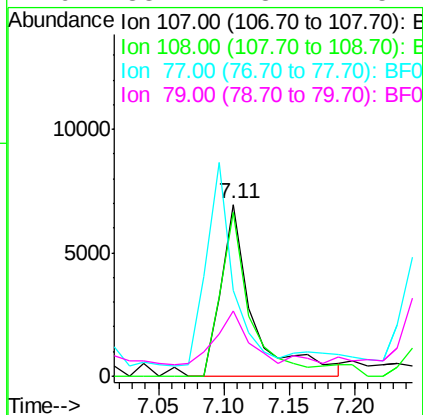
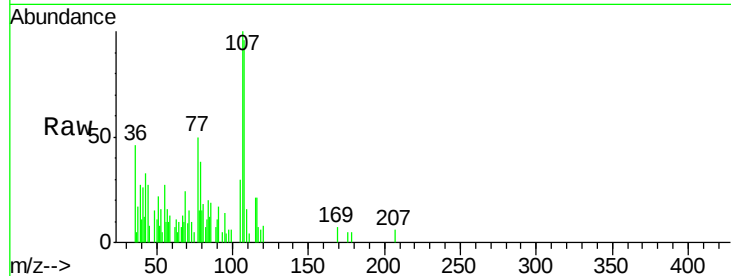




#20
3+4-Methylphenols
Concen: 0.32 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

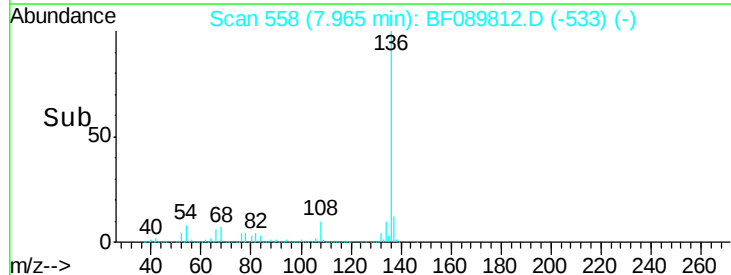
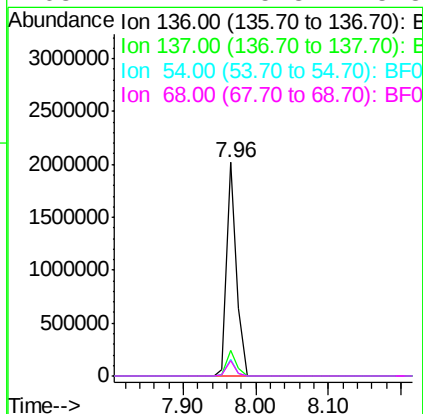
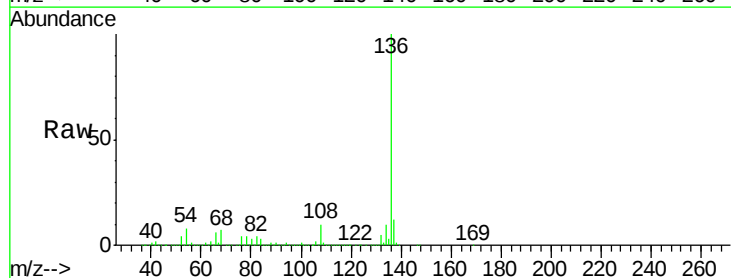
Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

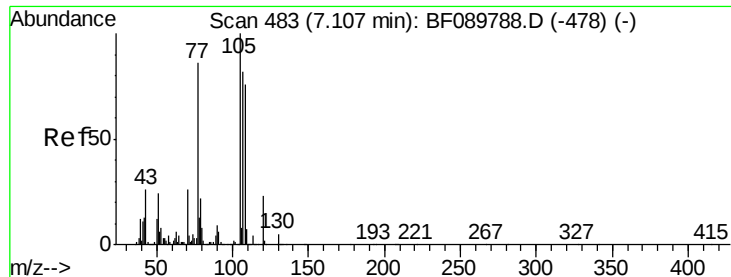
Tgt Ion:107 Resp: 11904
Ion Ratio Lower Upper
107 100
108 95.7 68.2 108.2
77 50.3 122.3 162.3#
79 38.1 8.2 48.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:136 Resp: 1882913
Ion Ratio Lower Upper
136 100
137 11.8 9.2 13.8
54 8.1 7.2 10.8
68 7.1 5.8 8.8





#22

Acetophenone

Concen: 0.33 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

Instrument :

BNA_F

ClientSampleId :

B-1(0-5)

Tgt Ion: 105 Resp: 14054

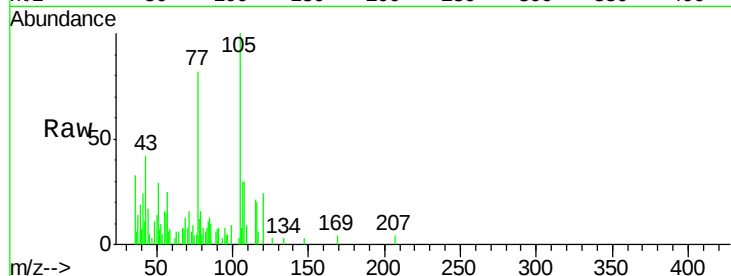
Ion Ratio Lower Upper

105 100

71 16.0 1.9 2.9#

51 29.4 28.5 42.7

120 24.0 16.6 25.0

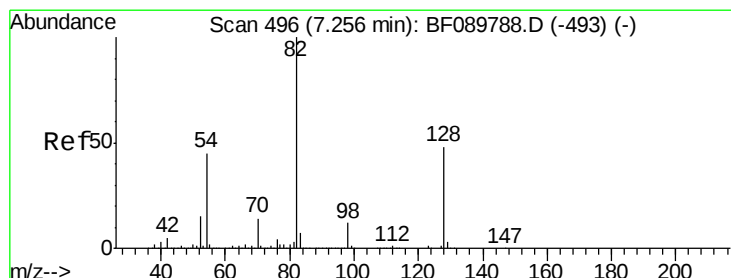
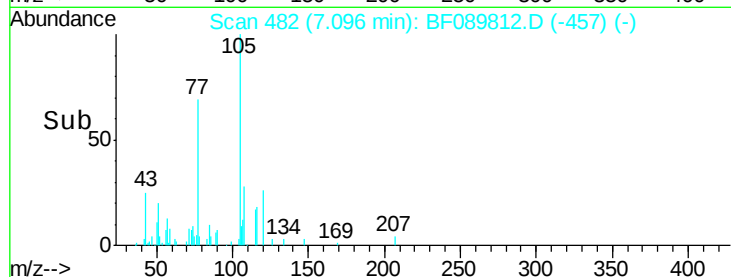
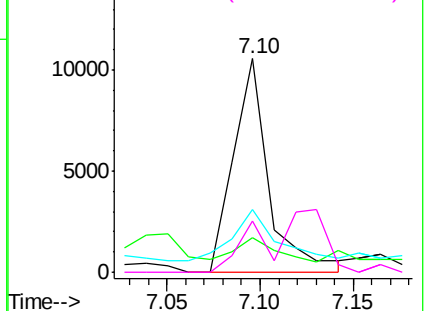


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 58.69 ng

RT: 7.24 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

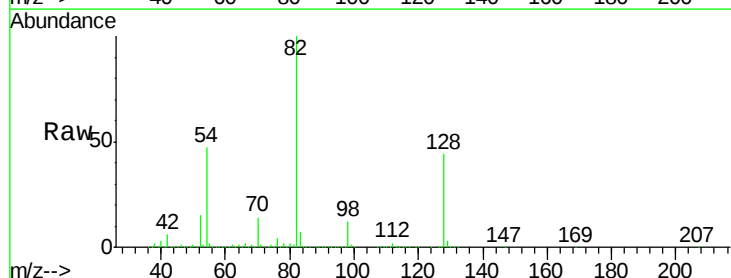
Tgt Ion: 82 Resp: 1778665

Ion Ratio Lower Upper

82 100

128 44.3 34.4 51.6

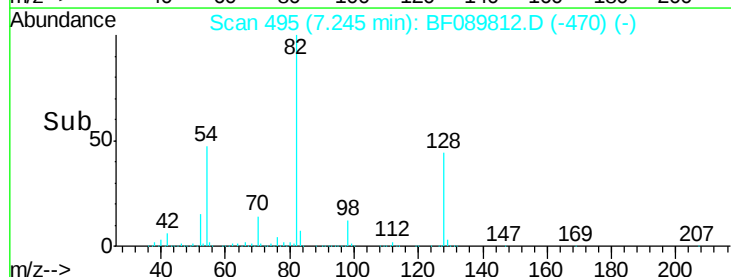
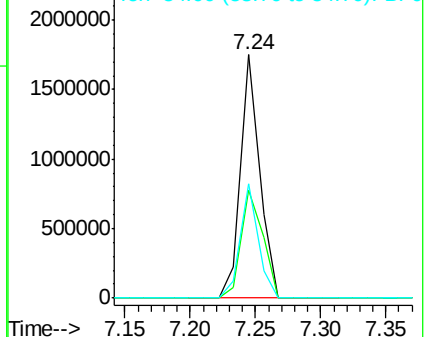
54 46.8 40.3 60.5

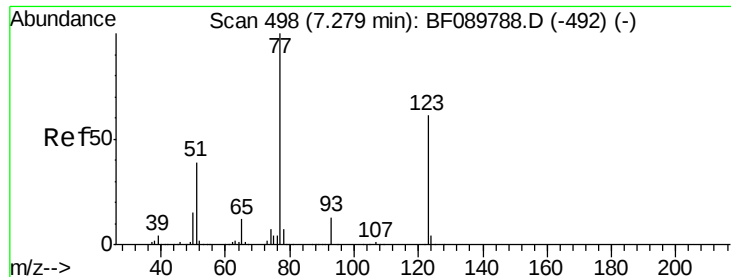


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 0.18 ng

RT: 7.24 min Scan# 495

Delta R.T. -0.03 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

Instrument :

BNA_F

ClientSampleId :

B-1(0-5)

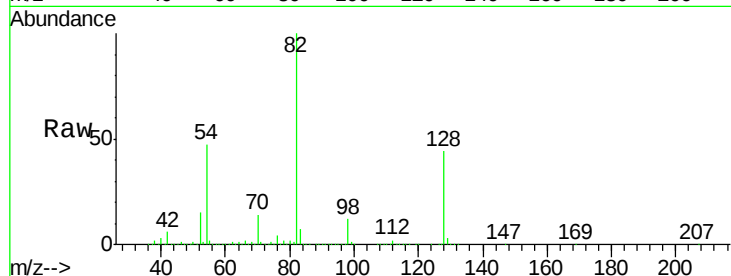
Tgt Ion: 77 Resp: 6191

Ion Ratio Lower Upper

77 100

123 0.0 36.2 54.2#

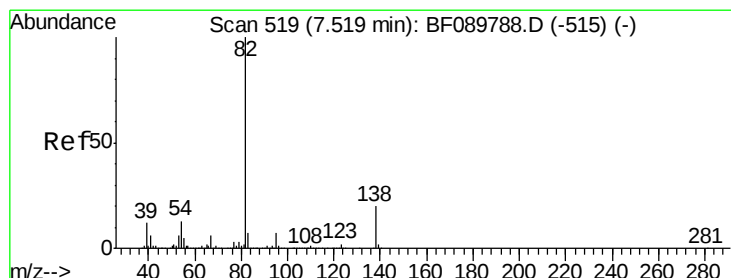
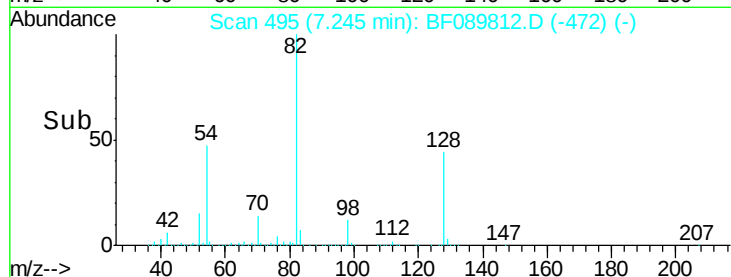
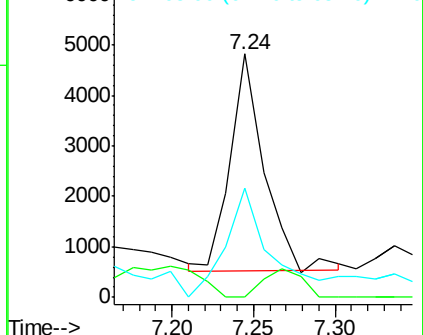
65 45.1 10.6 15.8#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 26.43 ng

RT: 7.24 min Scan# 495

Delta R.T. -0.27 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

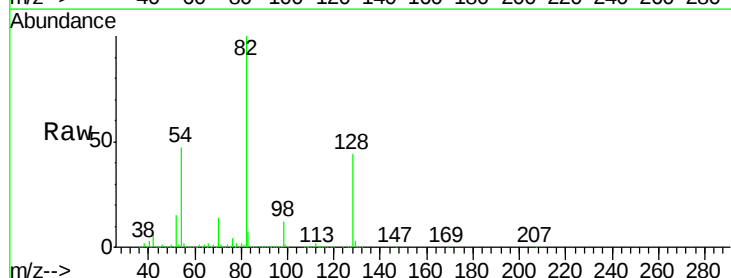
Tgt Ion: 82 Resp: 1615482

Ion Ratio Lower Upper

82 100

95 0.1 5.3 7.9#

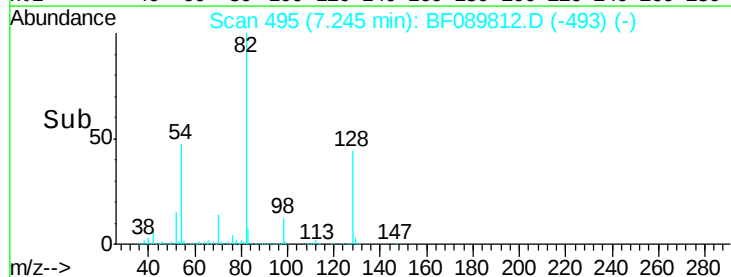
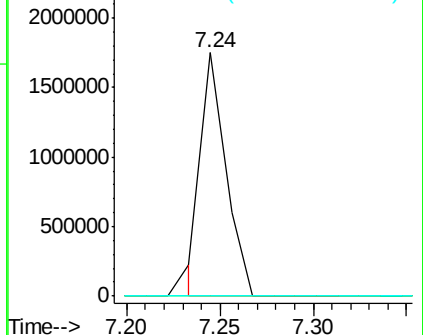
138 0.0 13.0 19.4#

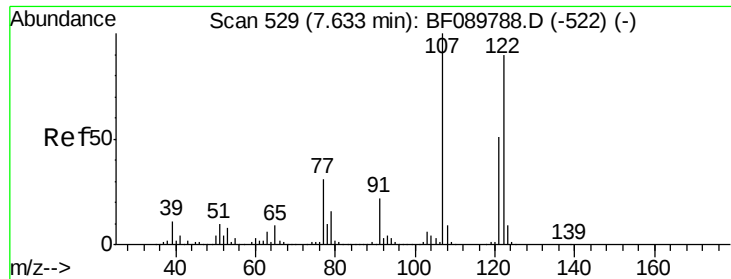


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

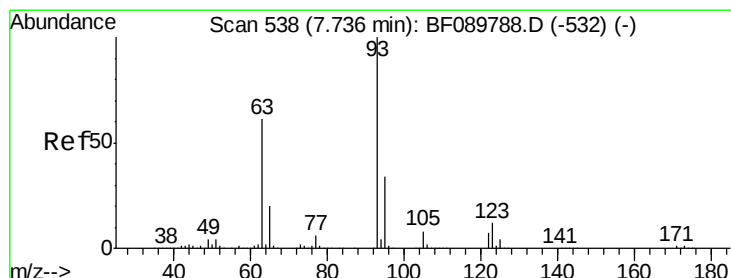
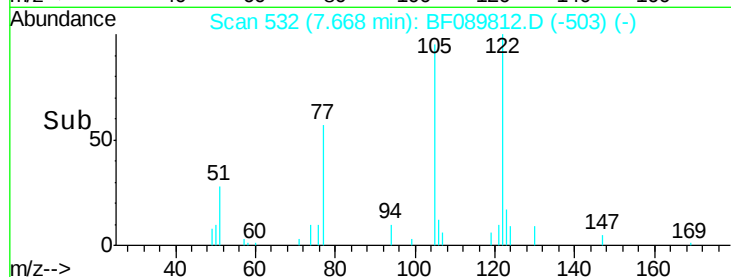
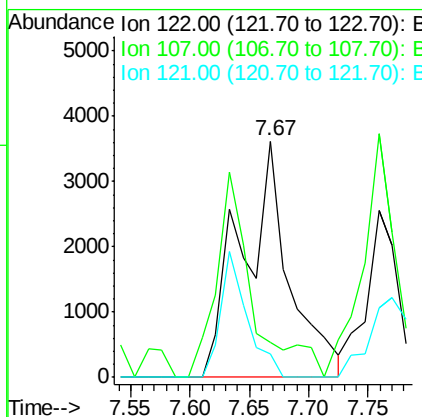
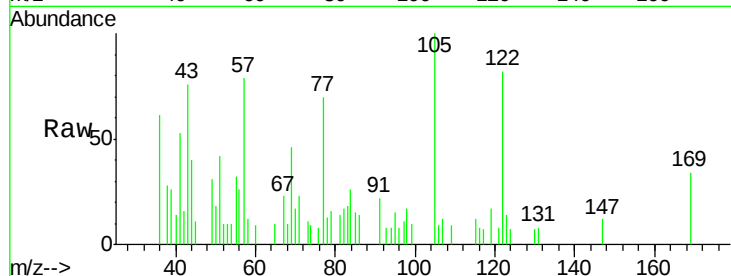




#27
 2,4-Dimethylphenol
 Concen: 0.33 ng
 RT: 7.67 min Scan# 532
 Delta R.T. 0.03 min
 Lab File: BF089812.D
 Acq: 19 Aug 2016 22:40

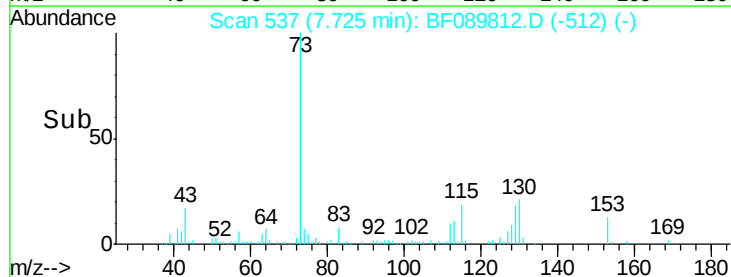
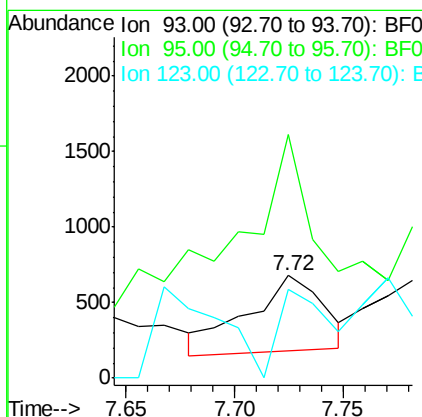
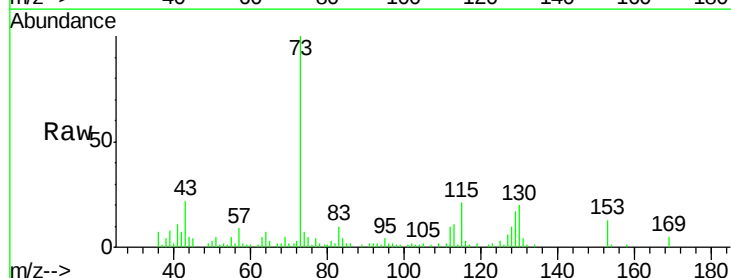
Instrument :
 BNA_F
 ClientSampleId :
 B-1(0-5)

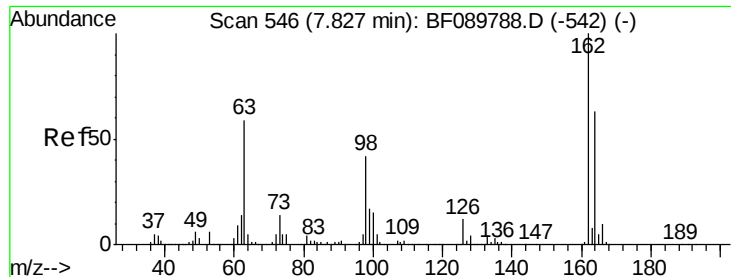
Tgt Ion: 122 Resp: 10053
 Ion Ratio Lower Upper
 122 100
 107 14.9 84.8 127.2#
 121 10.1 47.0 70.6#



#28
 bis(2-Chloroethoxy)methane
 Concen: 0.03 ng
 RT: 7.72 min Scan# 537
 Delta R.T. -0.01 min
 Lab File: BF089812.D
 Acq: 19 Aug 2016 22:40

Tgt Ion: 93 Resp: 1216
 Ion Ratio Lower Upper
 93 100
 95 237.4 25.5 38.3#
 123 86.2 8.5 12.7#

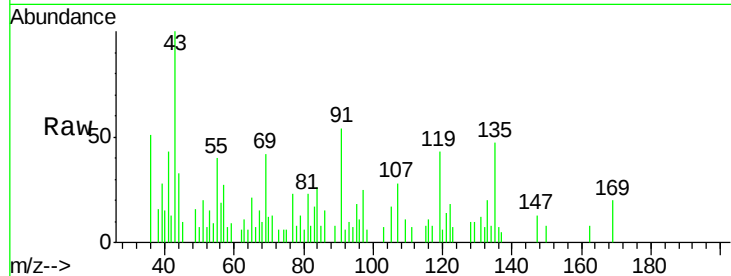




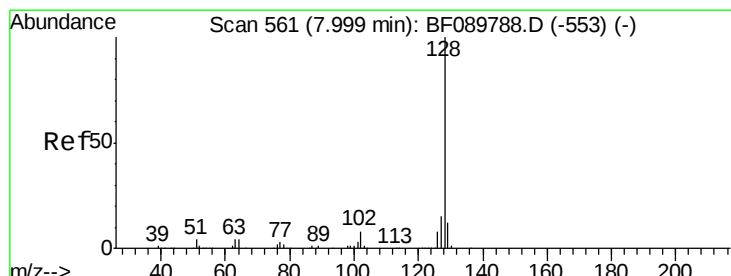
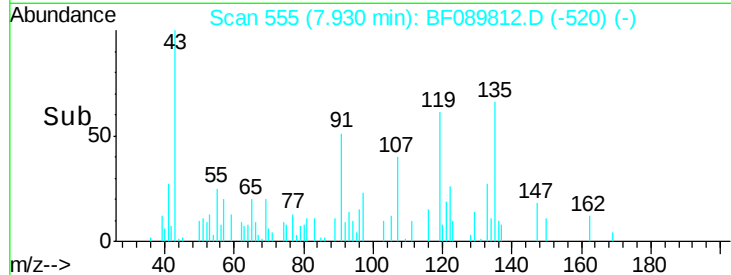
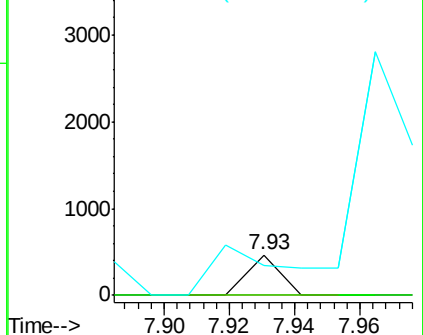
#29
 2,4-Dichlorophenol
 Concen: 0.01 ng
 RT: 7.93 min Scan# 555
 Delta R.T. 0.10 min
 Lab File: BF089812.D
 Acq: 19 Aug 2016 22:40

Instrument :
 BNA_F
 ClientSampleId :
 B-1(0-5)

Tgt Ion:162 Resp: 321
 Ion Ratio Lower Upper
 162 100
 164 0.0 45.5 85.5#
 98 72.6 12.4 52.4#

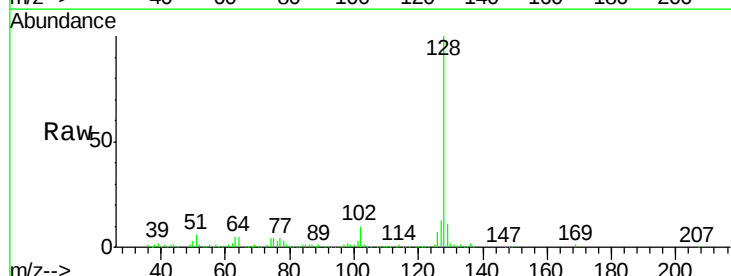


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

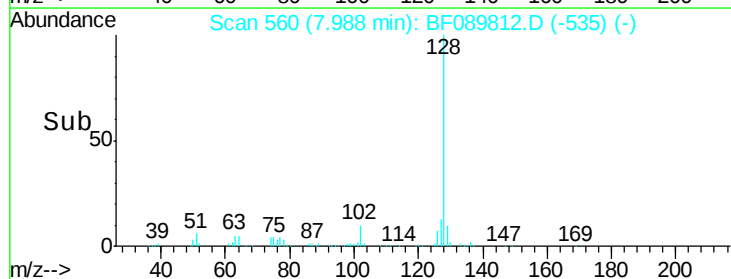
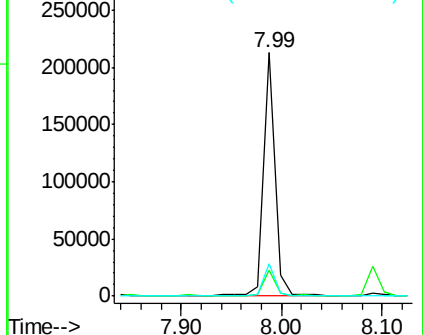


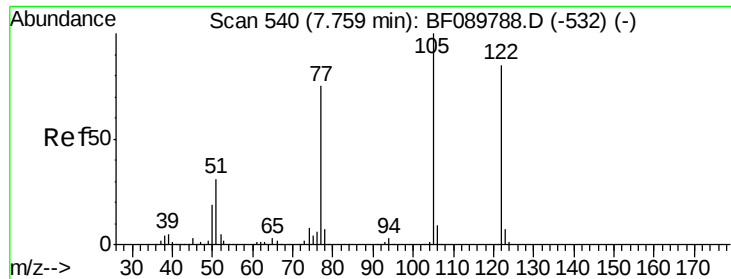
#31
 Naphthalene
 Concen: 1.90 ng
 RT: 7.99 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF089812.D
 Acq: 19 Aug 2016 22:40

Tgt Ion:128 Resp: 167529
 Ion Ratio Lower Upper
 128 100
 129 10.5 9.5 14.3
 127 13.3 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

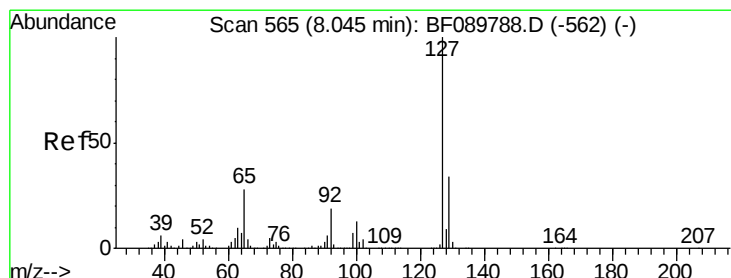
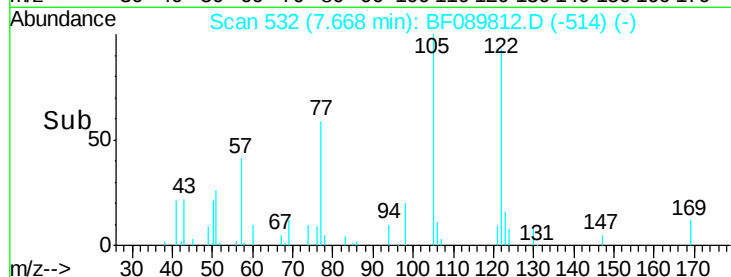
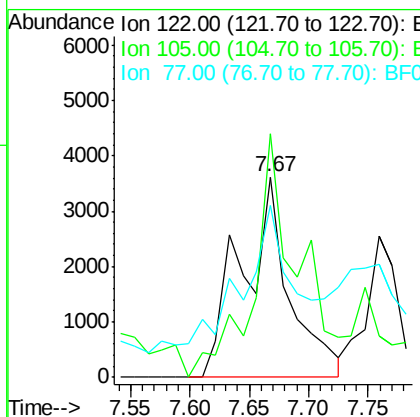
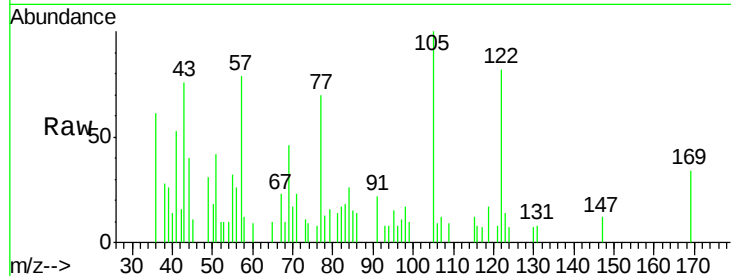




#32
Benzoic acid
Concen: 0.42 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.09 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

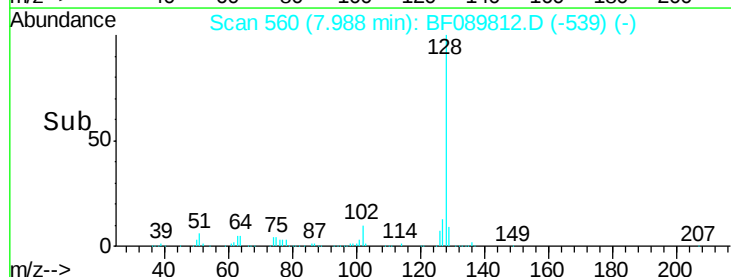
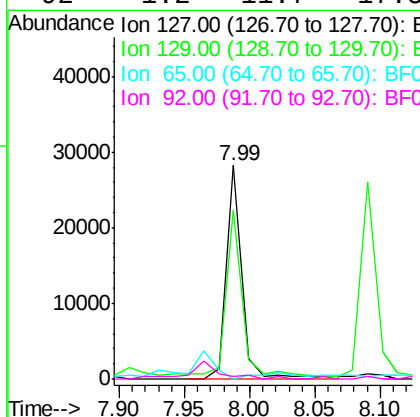
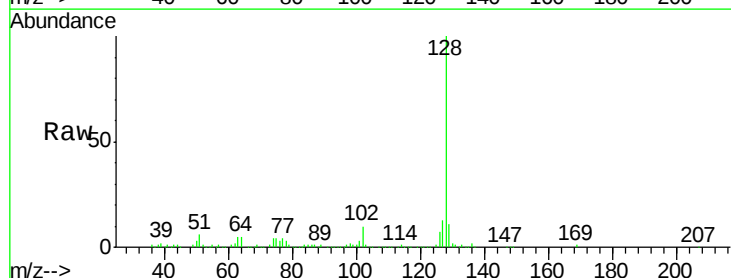
Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

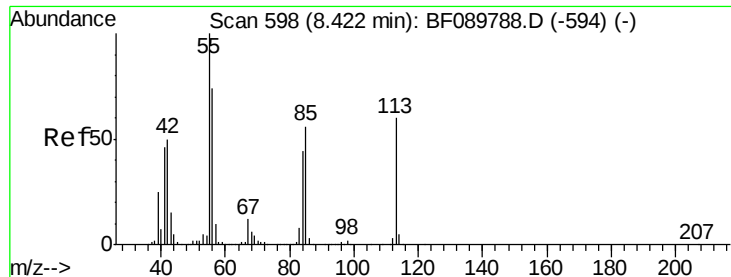
Tgt Ion:122 Resp: 10053
Ion Ratio Lower Upper
122 100
105 121.4 100.8 140.8
77 85.5 72.1 112.1



#33
4-Chloroaniline
Concen: 0.62 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.06 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:127 Resp: 23784
Ion Ratio Lower Upper
127 100
129 79.3 27.0 40.6#
65 0.0 14.7 22.1#
92 1.2 11.7 17.5#

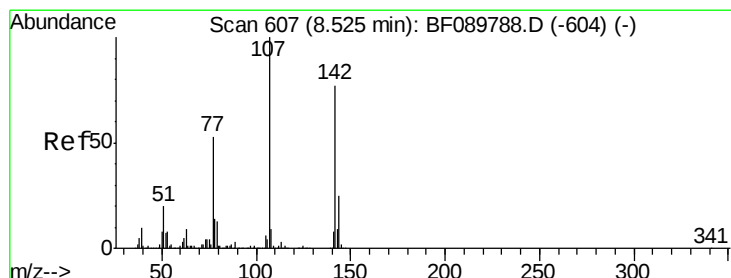
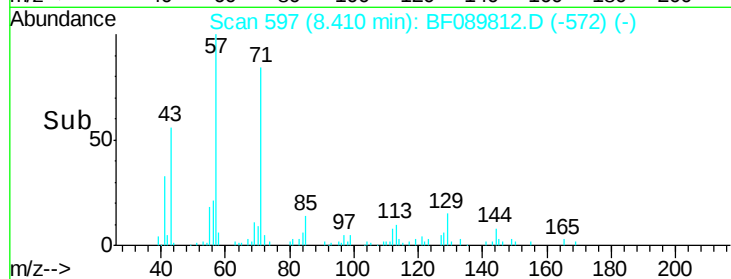
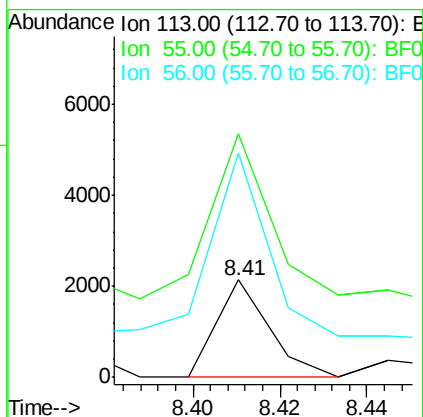
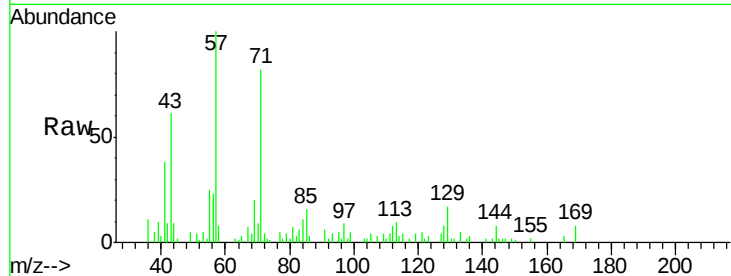




#35
 Caprolactam
 Concen: 0.23 ng
 RT: 8.41 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF089812.D
 Acq: 19 Aug 2016 22:40

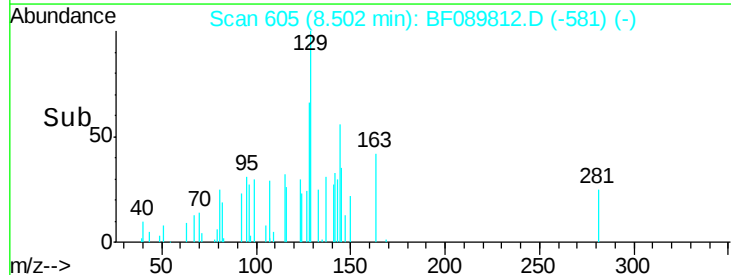
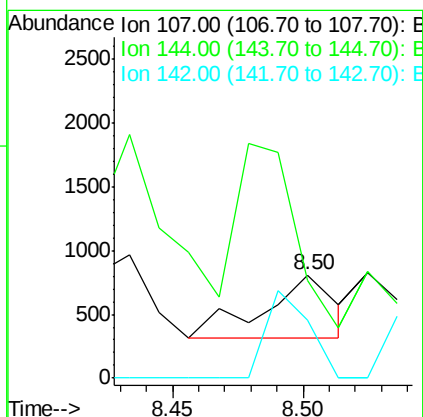
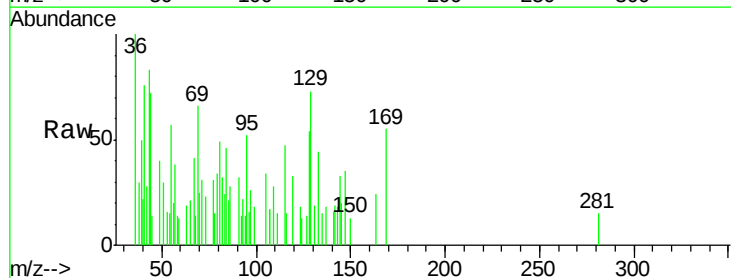
Instrument :
 BNA_F
 ClientSampleId :
 B-1(0-5)

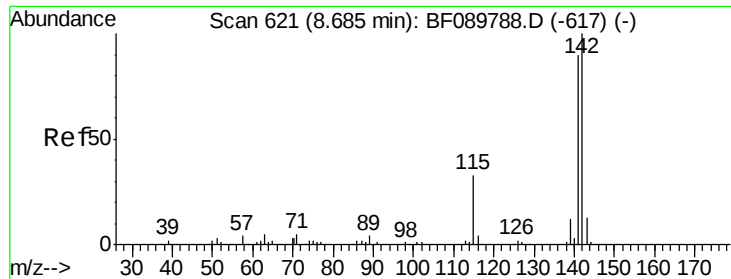
Tgt Ion:113 Resp: 1776
 Ion Ratio Lower Upper
 113 100
 55 250.6 135.9 175.9#
 56 231.3 93.9 133.9#



#36
 4-Chloro-3-methylphenol
 Concen: 0.03 ng
 RT: 8.50 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF089812.D
 Acq: 19 Aug 2016 22:40

Tgt Ion:107 Resp: 935
 Ion Ratio Lower Upper
 107 100
 144 94.2 22.6 34.0#
 142 55.7 69.3 103.9#

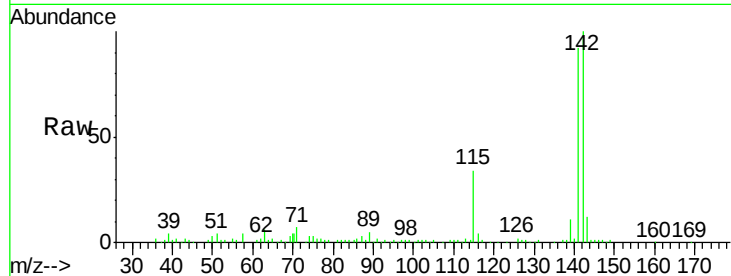




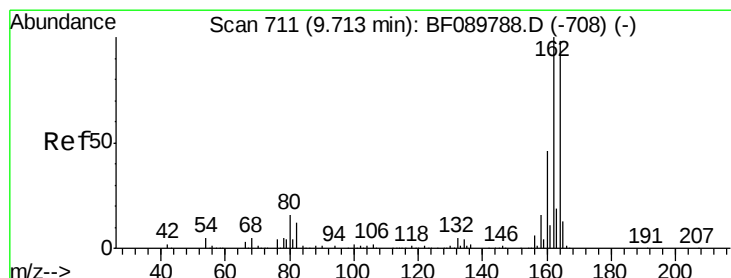
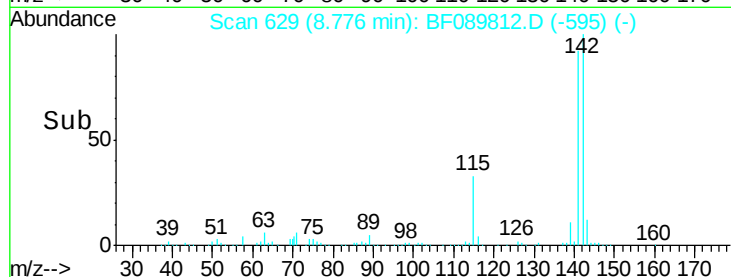
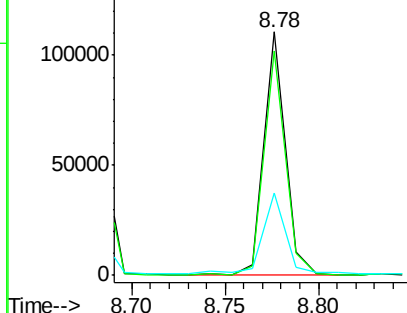
#37
2-Methylnaphthalene
Concen: 1.54 ng
RT: 8.78 min Scan# 629
Delta R.T. 0.09 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampled :
B-1(0-5)

Tgt Ion:142 Resp: 87405
Ion Ratio Lower Upper
142 100
141 92.1 71.4 107.2
115 33.7 22.7 34.1

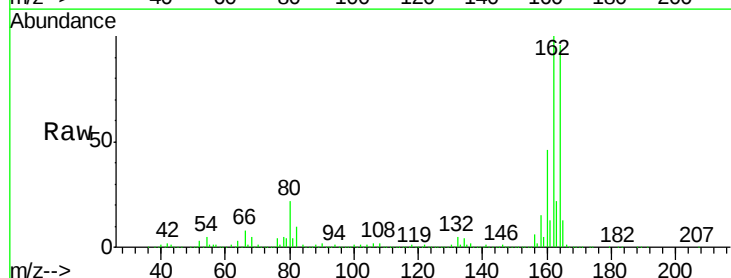


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

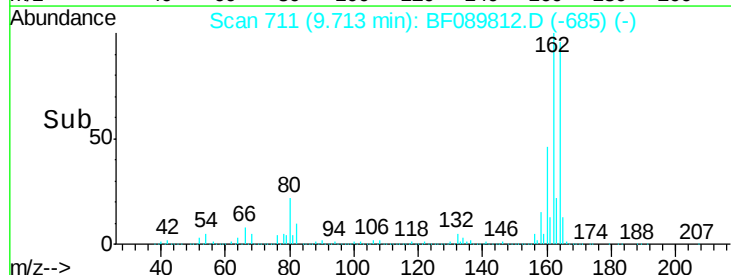
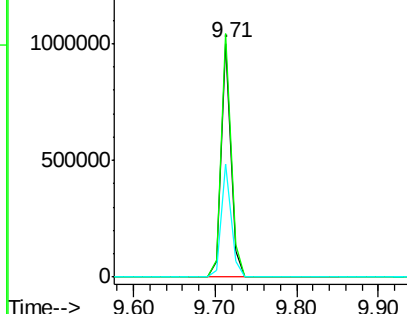


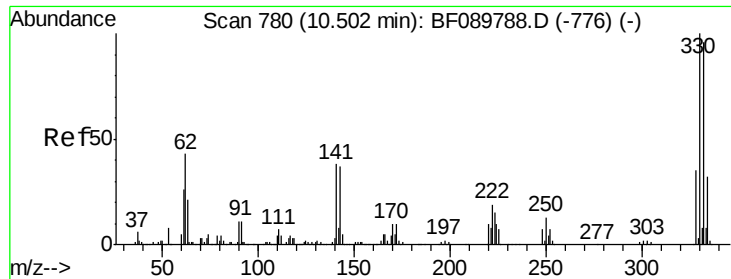
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:164 Resp: 818006
Ion Ratio Lower Upper
164 100
162 104.1 81.4 122.2
160 48.1 37.8 56.6



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

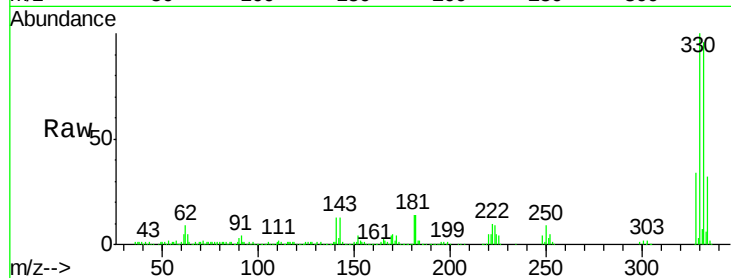




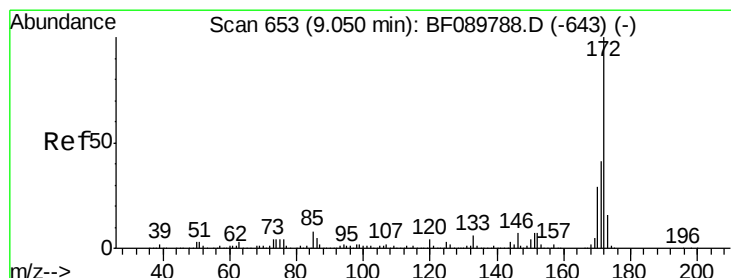
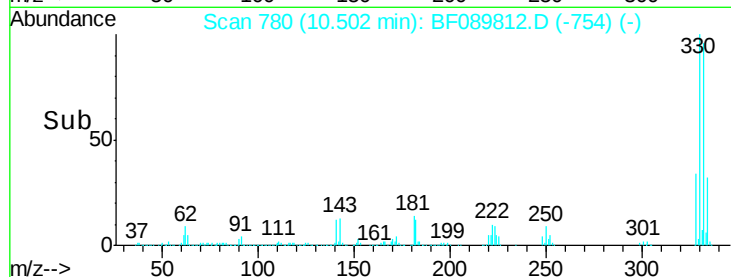
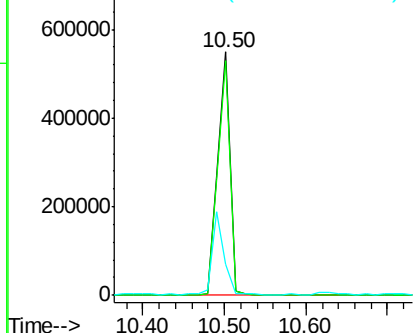
#41
 2,4,6-Tribromophenol
 Concen: 74.52 ng
 RT: 10.50 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF089812.D
 Acq: 19 Aug 2016 22:40

Instrument :
 BNA_F
 ClientSampleId :
 B-1(0-5)

Tgt Ion:330 Resp: 579300
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.7 115.1
 141 32.8 30.2 45.2

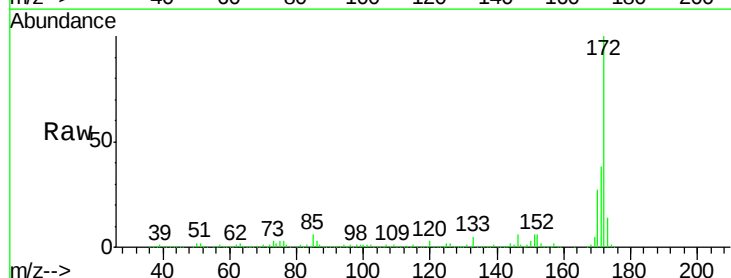


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

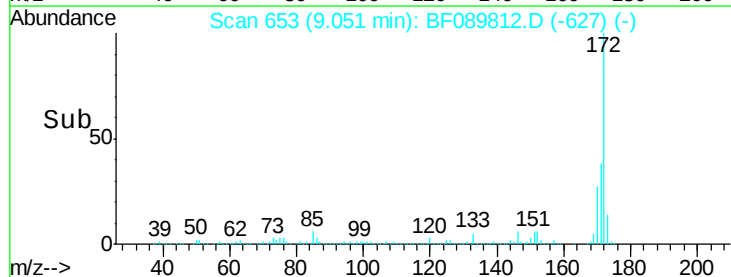
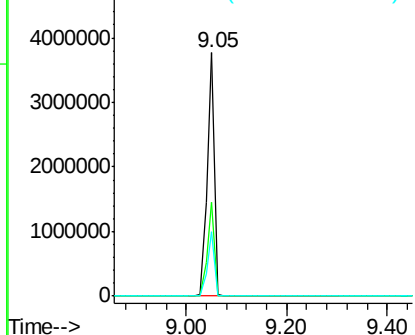


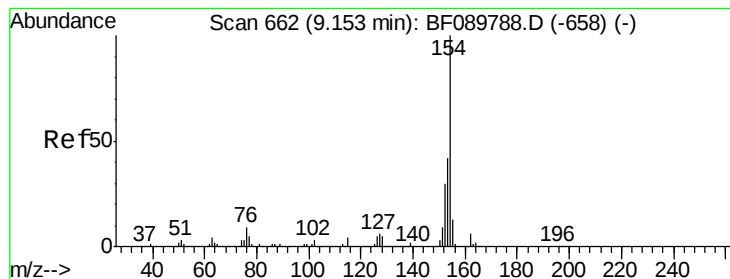
#44
 2-Fluorobiphenyl
 Concen: 78.26 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF089812.D
 Acq: 19 Aug 2016 22:40

Tgt Ion:172 Resp: 3642296
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.5 45.7
 170 26.7 20.6 31.0



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





#45

1,1'-Biphenyl

Concen: 0.50 ng

RT: 9.14 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

Instrument :

BNA_F

ClientSampleId :

B-1(0-5)

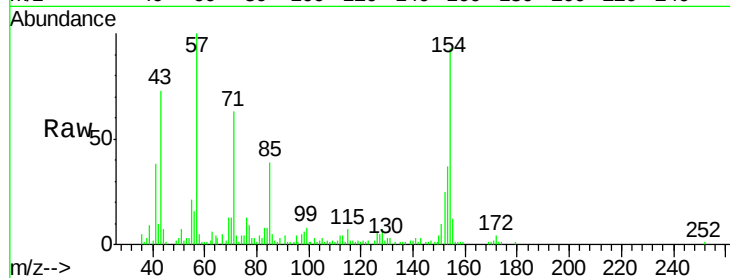
Tgt Ion:154 Resp: 31495

Ion Ratio Lower Upper

154 100

153 40.1 21.5 61.5

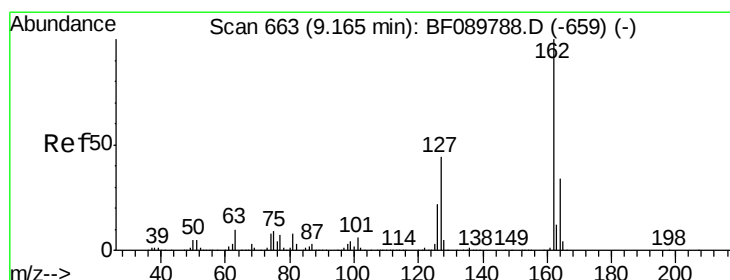
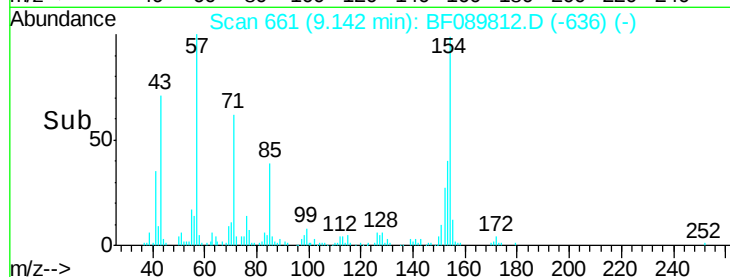
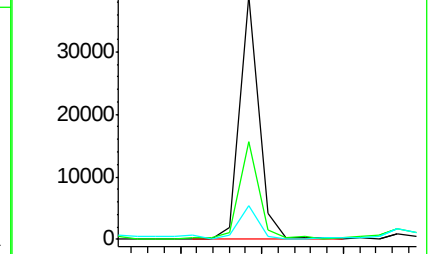
76 13.9 0.0 36.7



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): BF0



#46

2-Chloronaphthalene

Concen: 0.02 ng

RT: 9.16 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

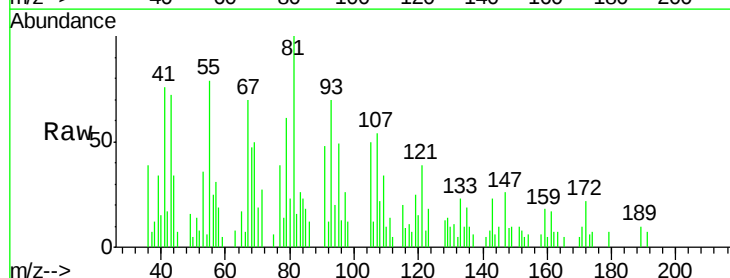
Tgt Ion:162 Resp: 779

Ion Ratio Lower Upper

162 100

127 0.0 35.5 53.3#

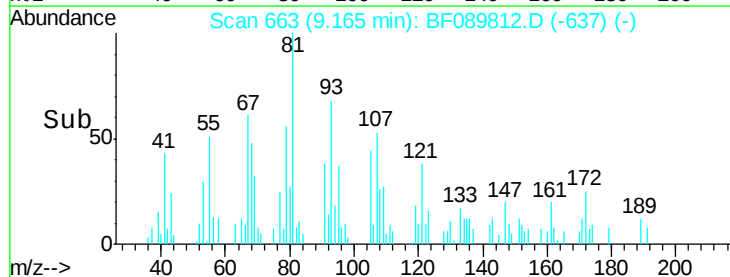
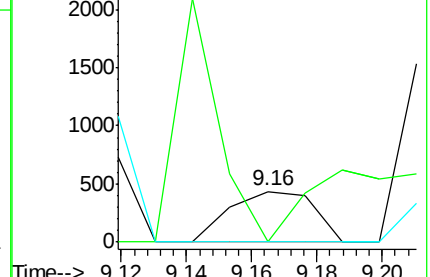
164 0.0 26.6 40.0#

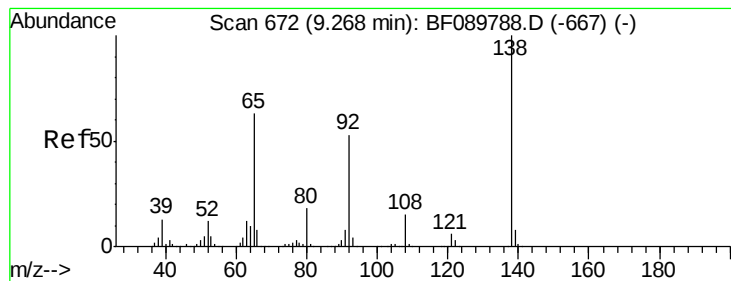


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 0.09 ng

RT: 9.29 min Scan# 674

Delta R.T. 0.02 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

Instrument :

BNA_F

ClientSampleId :

B-1(0-5)

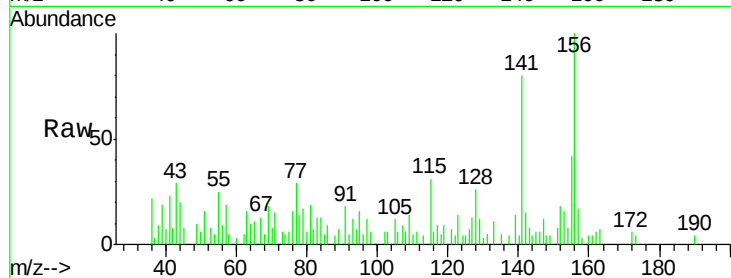
Tgt Ion: 65 Resp: 1259

Ion Ratio Lower Upper

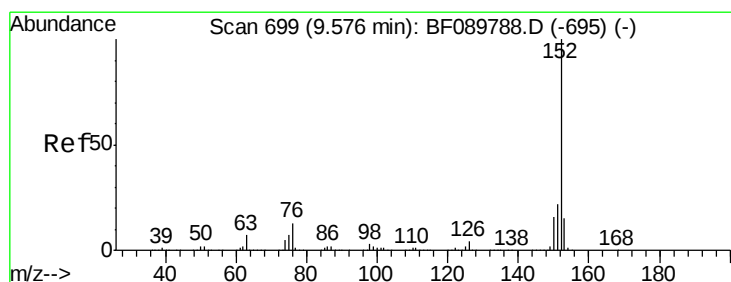
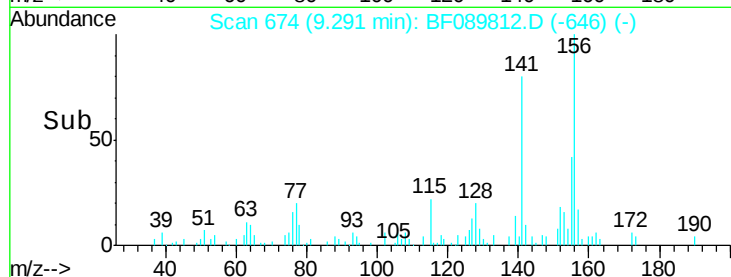
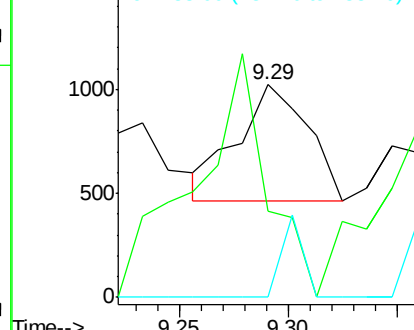
65 100

92 40.3 56.3 84.5#

138 0.0 81.8 122.8#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 2.26 ng

RT: 9.58 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

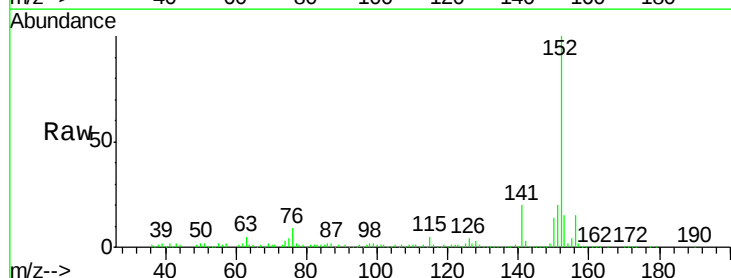
Tgt Ion: 152 Resp: 169946

Ion Ratio Lower Upper

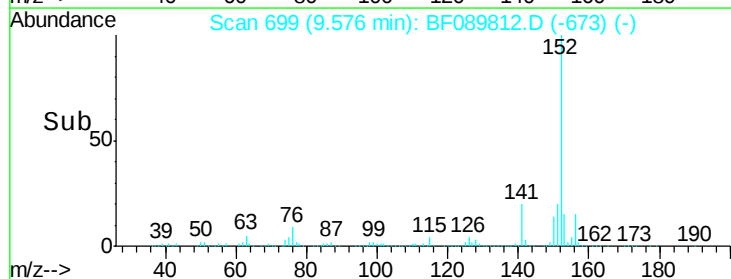
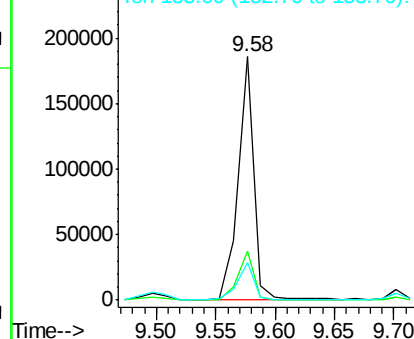
152 100

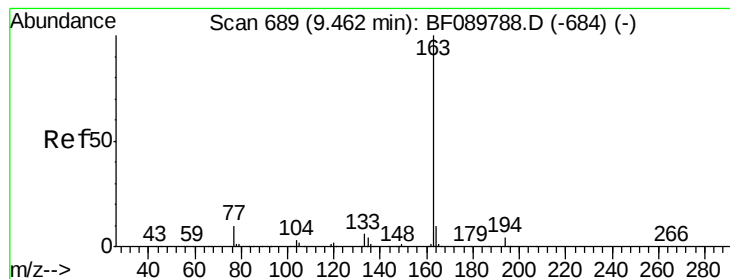
151 20.2 17.1 25.7

153 15.3 11.2 16.8



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





#49

Dimethylphthalate

Concen: 13.62 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

Instrument :

BNA_F

ClientSampleId :

B-1(0-5)

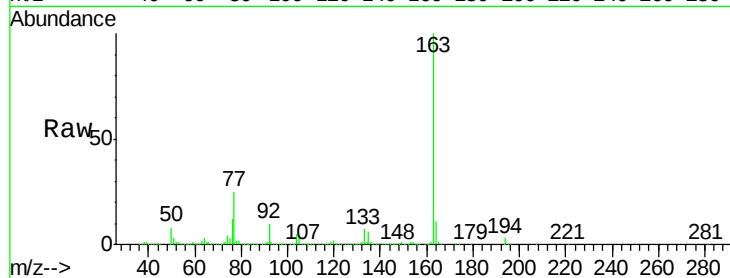
Tgt Ion:163 Resp: 784448

Ion Ratio Lower Upper

163 100

194 2.9 2.6 3.8

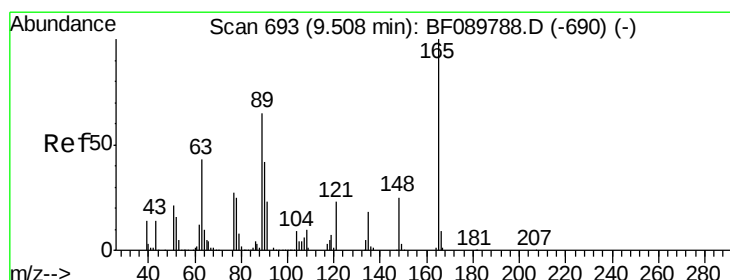
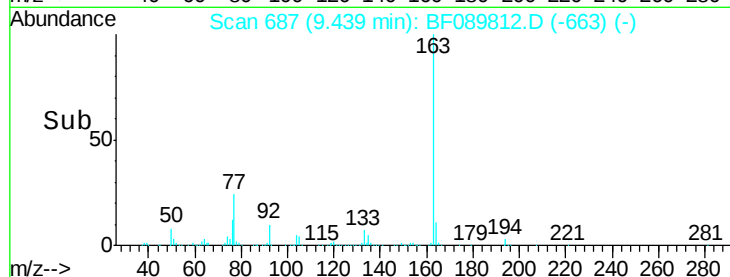
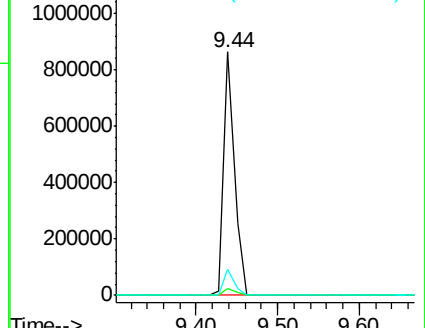
164 10.7 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 0.79 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.07 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

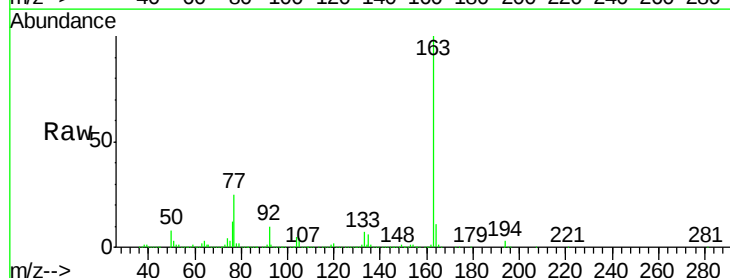
Tgt Ion:165 Resp: 10514

Ion Ratio Lower Upper

165 100

63 147.7 41.7 62.5#

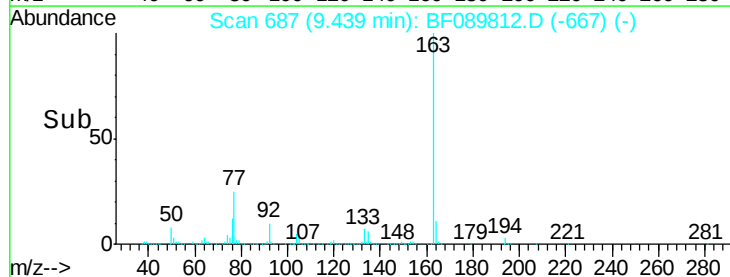
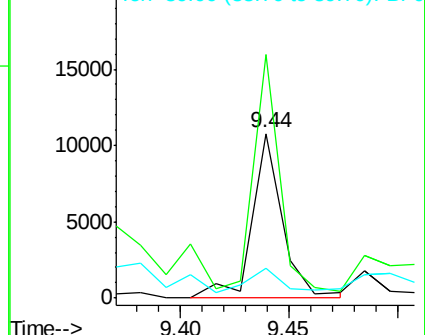
89 17.8 44.6 67.0#

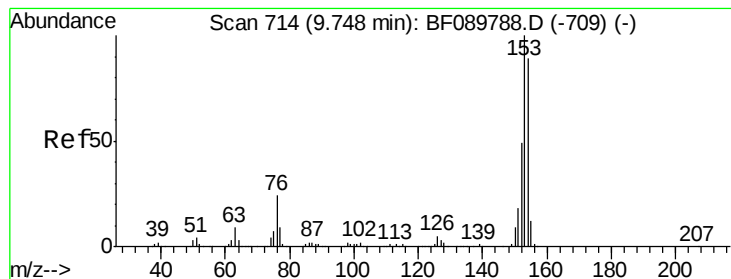


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 4.65 ng

RT: 9.75 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

Instrument :

BNA_F

ClientSampleId :

B-1(0-5)

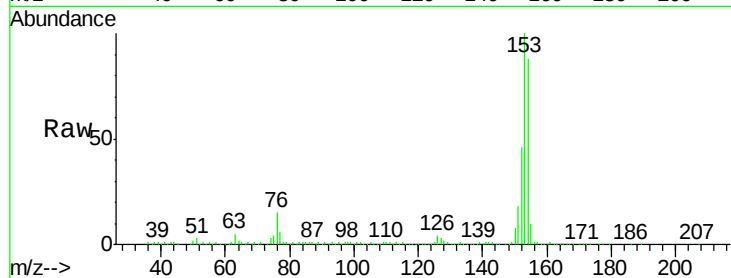
Tgt Ion:154 Resp: 231440

Ion Ratio Lower Upper

154 100

153 113.3 90.5 135.7

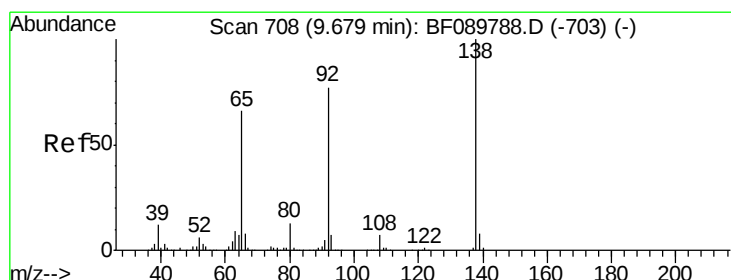
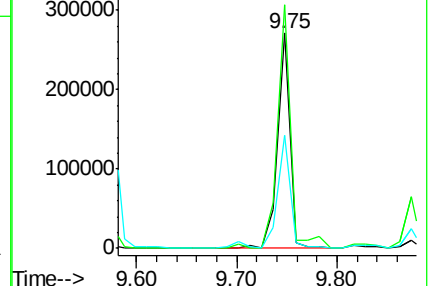
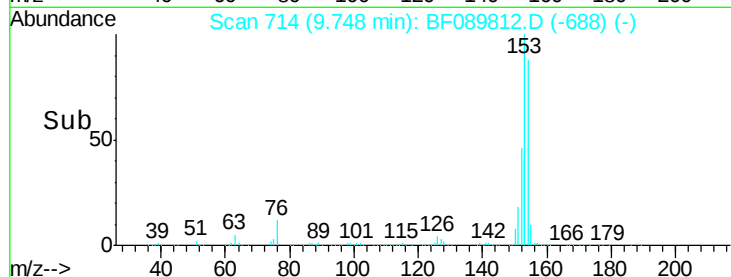
152 52.6 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 0.04 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

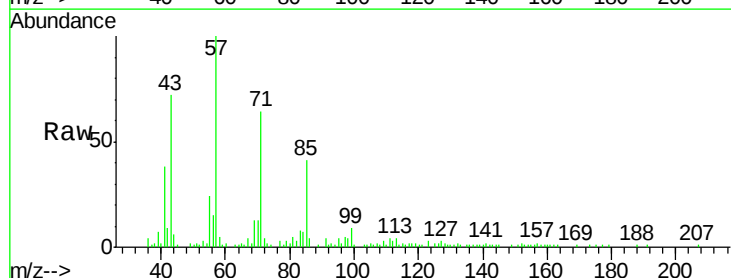
Tgt Ion:138 Resp: 563

Ion Ratio Lower Upper

138 100

108 90.8 8.1 12.1#

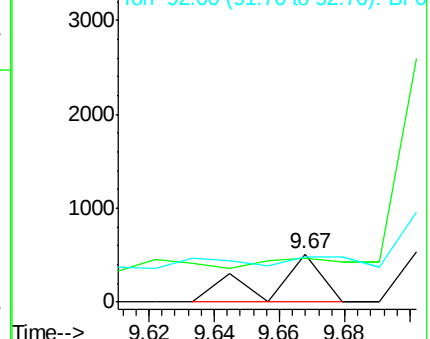
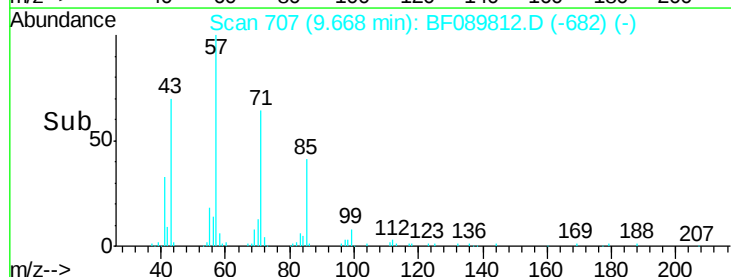
92 94.3 92.7 139.1

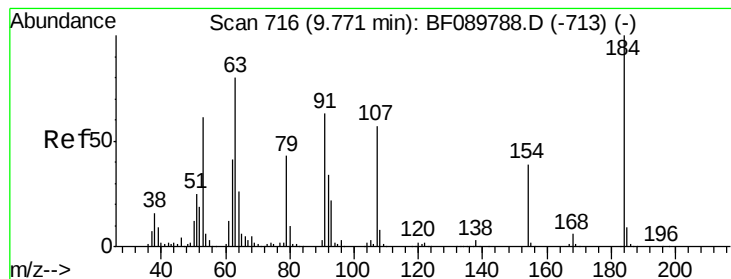


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 2.45 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.23 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

Instrument :

BNA_F

ClientSampleId :

B-1(0-5)

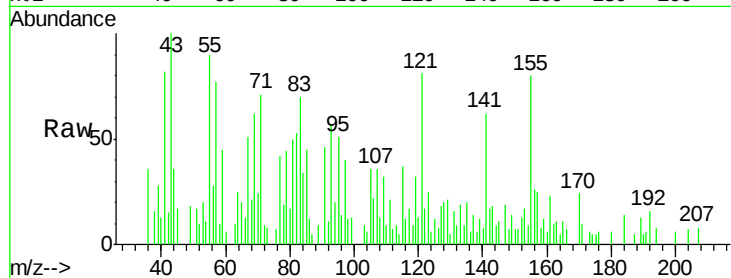
Tgt Ion:184 Resp: 1314

Ion Ratio Lower Upper

184 100

63 70.2 54.2 81.4

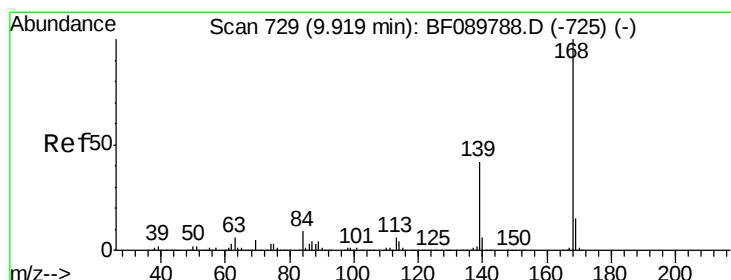
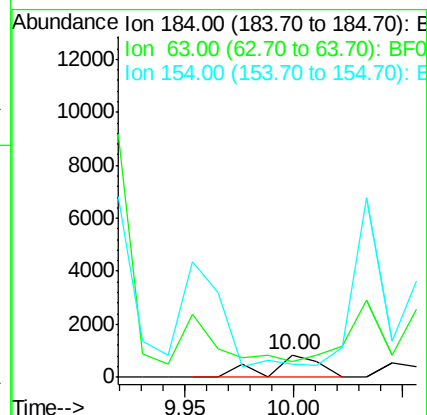
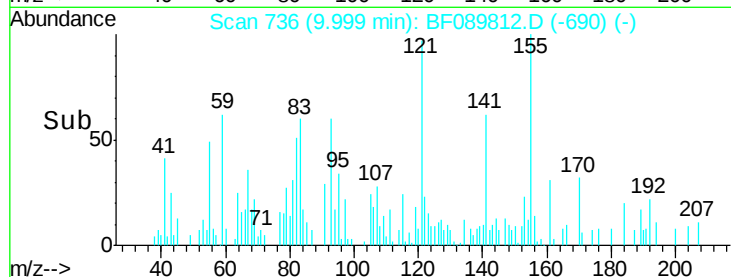
154 60.0 52.7 79.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 2.53 ng

RT: 9.92 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

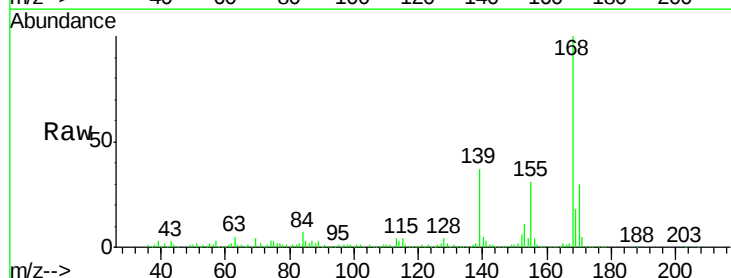
Tgt Ion:168 Resp: 157919

Ion Ratio Lower Upper

168 100

139 36.6 34.6 52.0

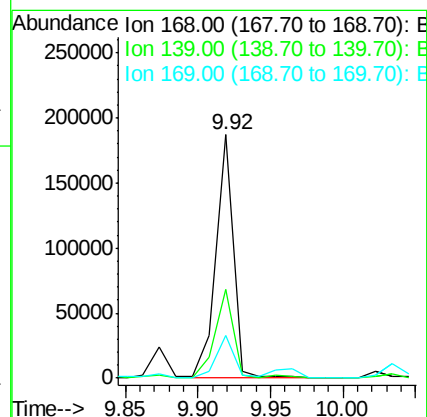
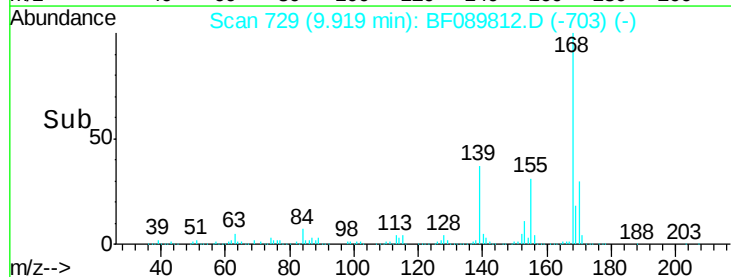
169 17.7 11.5 17.3#

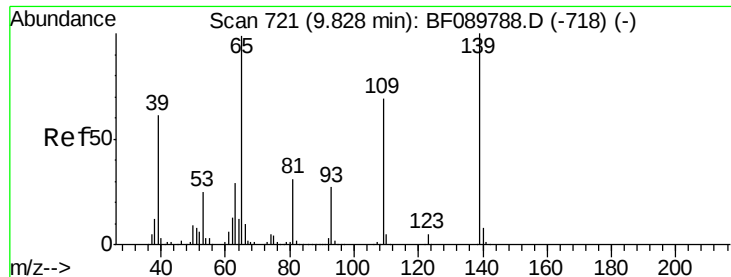


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

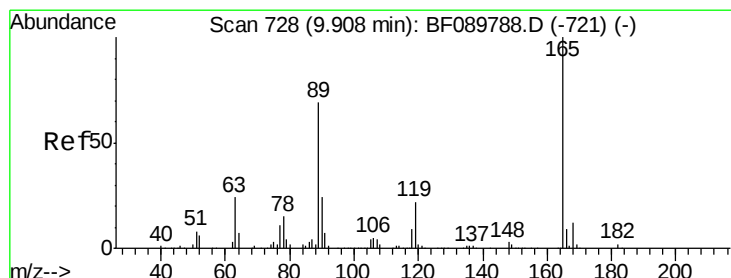
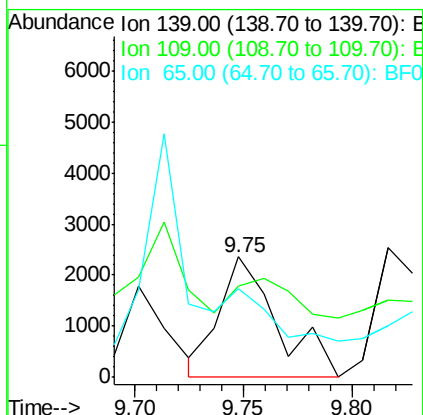
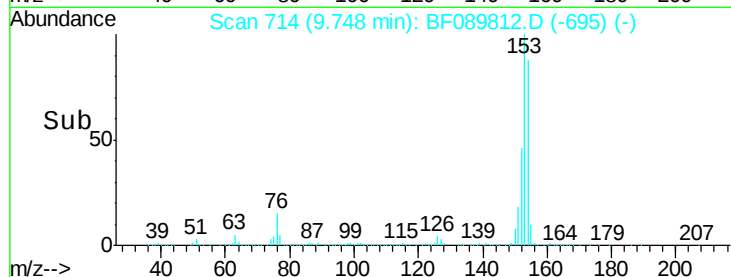
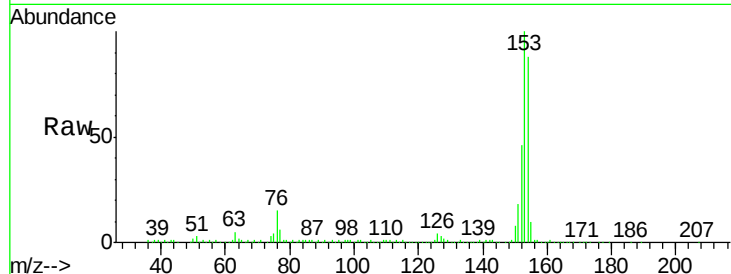




#55
4-Nitrophenol
Concen: 0.36 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.08 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

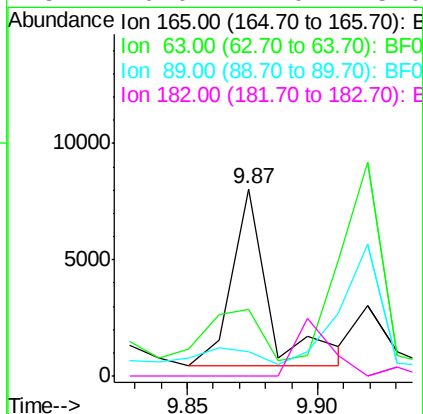
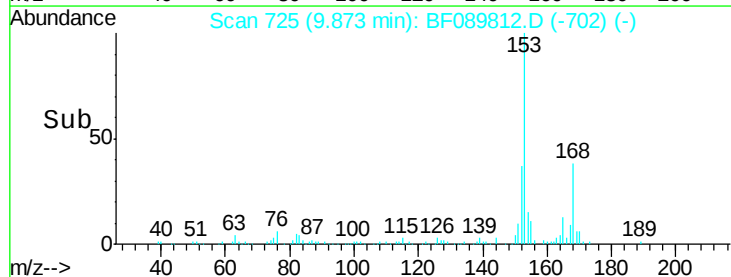
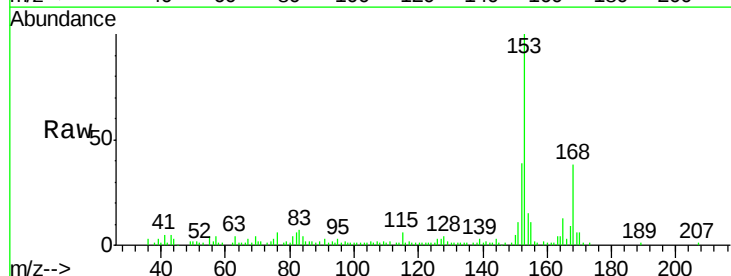
Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

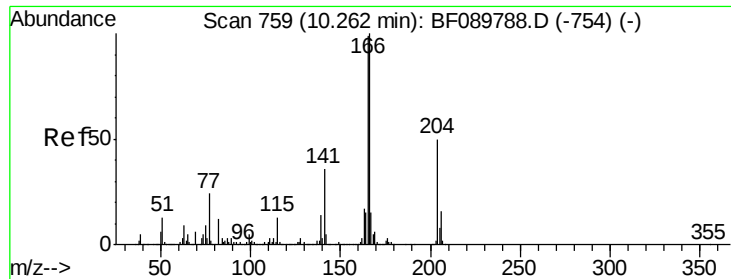
Tgt Ion:139 Resp: 4346
Ion Ratio Lower Upper
139 100
109 75.9 43.0 83.0
65 73.9 55.7 95.7



#56
2,4-Dinitrotoluene
Concen: 0.44 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.03 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:165 Resp: 7556
Ion Ratio Lower Upper
165 100
63 35.4 23.7 35.5
89 13.2 44.0 66.0#
182 0.0 2.0 3.0#





#57

Fluorene

Concen: 3.99 ng

RT: 10.26 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

Instrument :

BNA_F

ClientSampleId :

B-1(0-5)

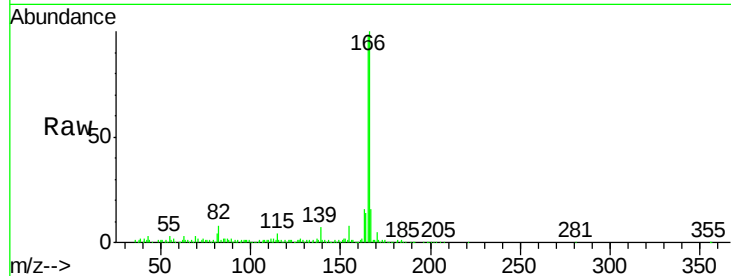
Tgt Ion:166 Resp: 198929

Ion Ratio Lower Upper

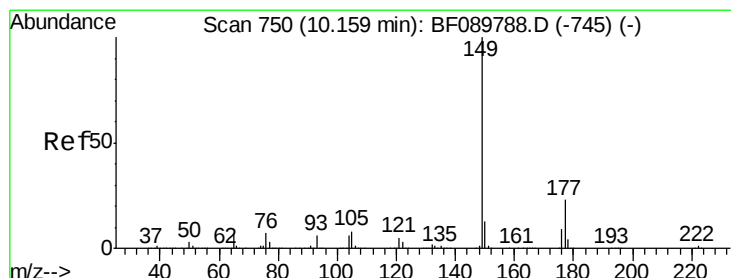
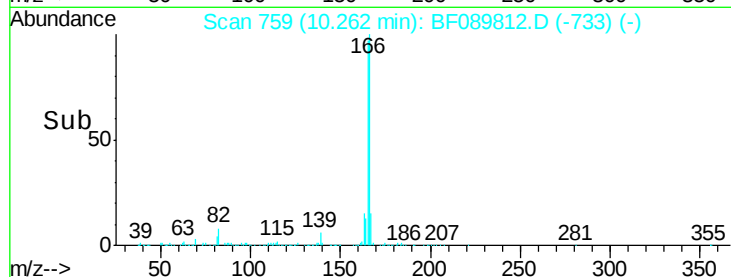
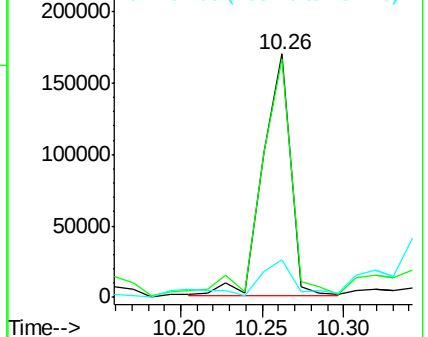
166 100

165 98.2 80.2 120.4

167 15.6 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



#59

Diethylphthalate

Concen: 0.18 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

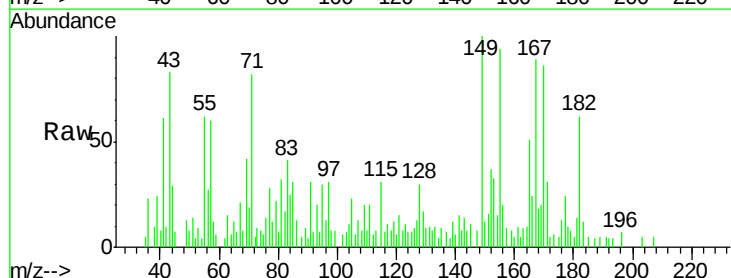
Tgt Ion:149 Resp: 10581

Ion Ratio Lower Upper

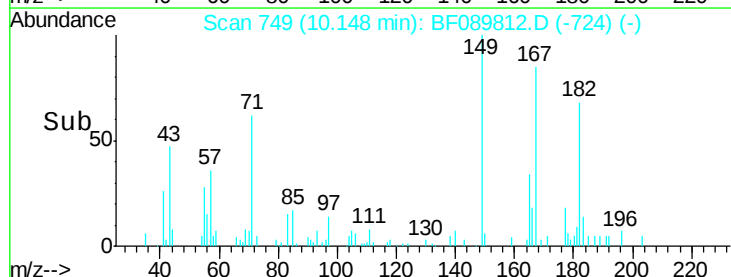
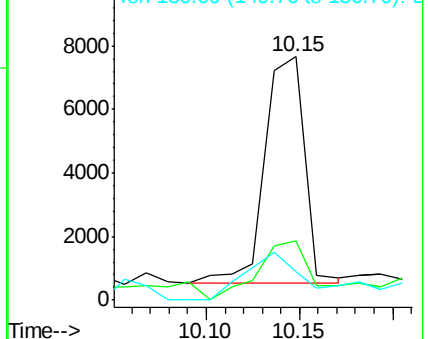
149 100

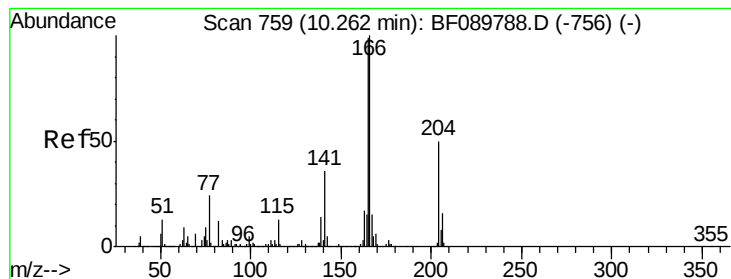
177 24.5 16.6 25.0

150 11.9 10.5 15.7



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





#60

4-Chlorophenyl-phenylether

Concen: 0.01 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.13 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

Instrument :

BNA_F

ClientSampleId :

B-1(0-5)

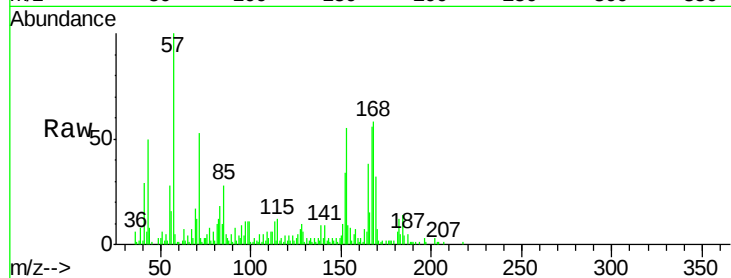
Tgt Ion:204 Resp: 211

Ion Ratio Lower Upper

204 100

206 0.0 26.5 39.7#

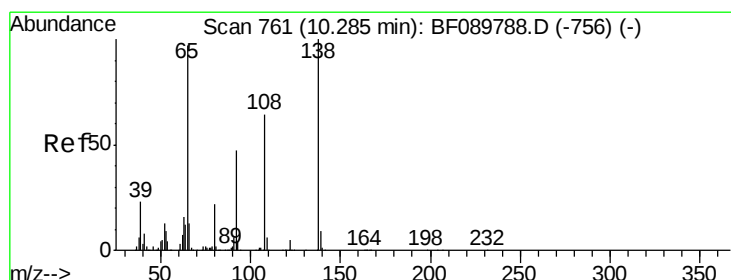
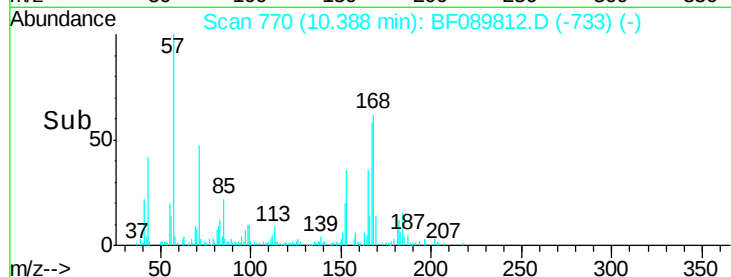
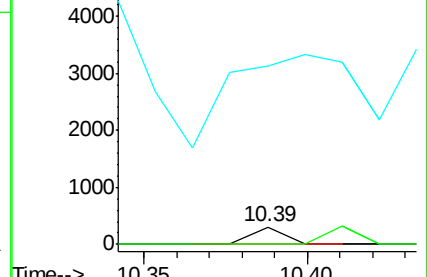
141 1016.9 54.1 81.1#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 0.25 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.02 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

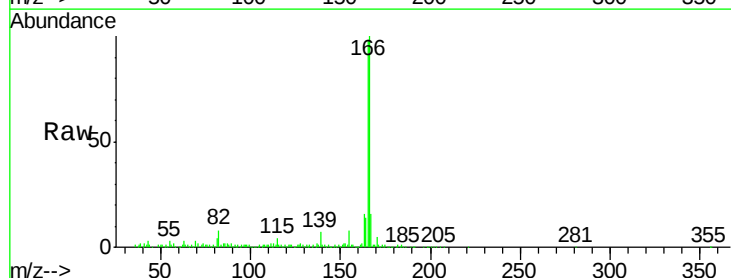
Tgt Ion:138 Resp: 3448

Ion Ratio Lower Upper

138 100

92 41.5 26.4 66.4

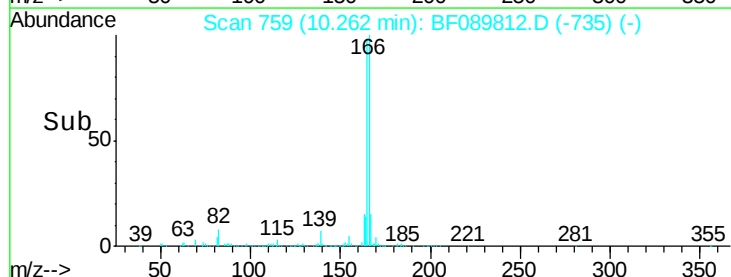
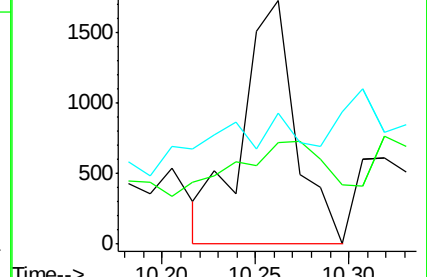
108 53.7 47.0 87.0

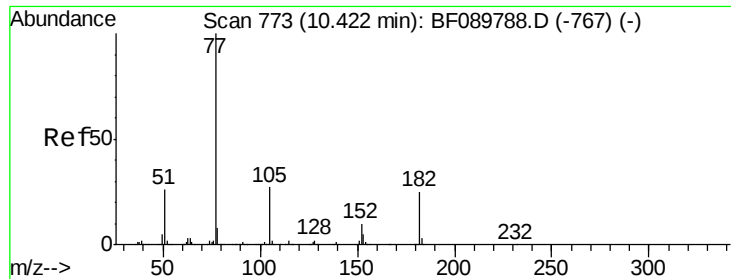


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

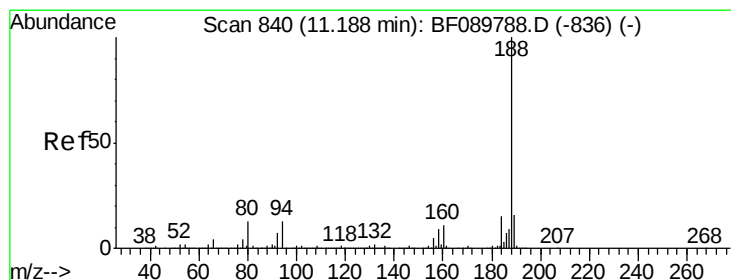
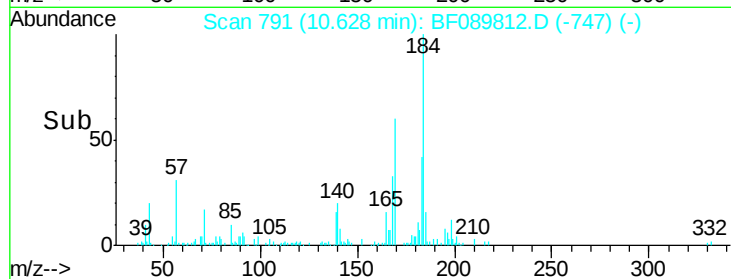
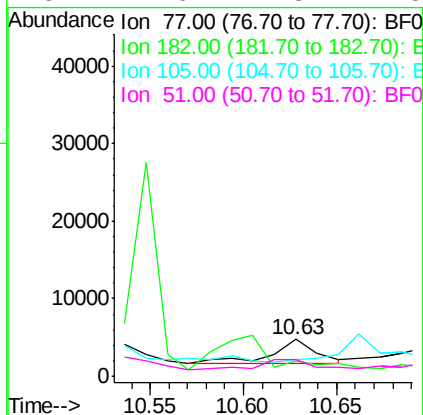
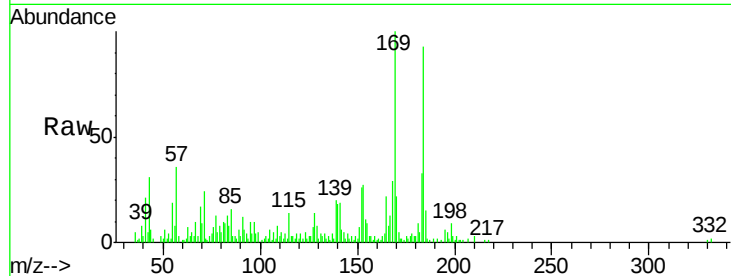




#62
Azobenzene
Concen: 0.10 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.21 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

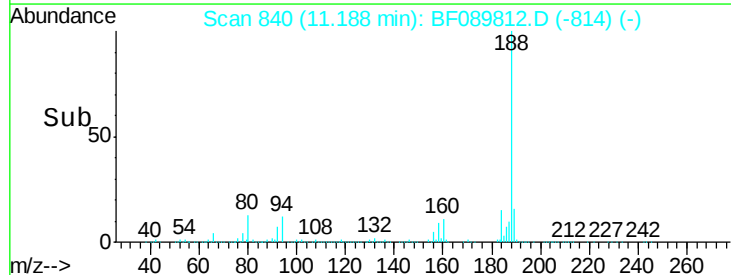
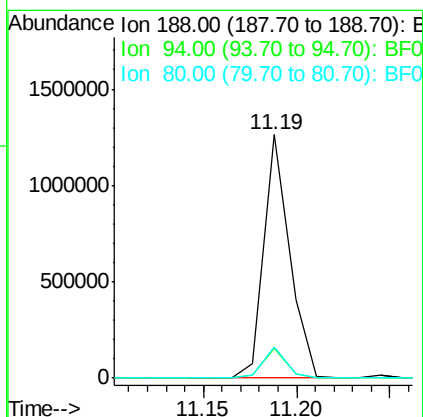
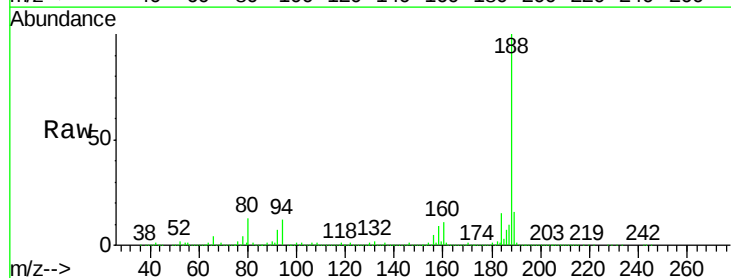
Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

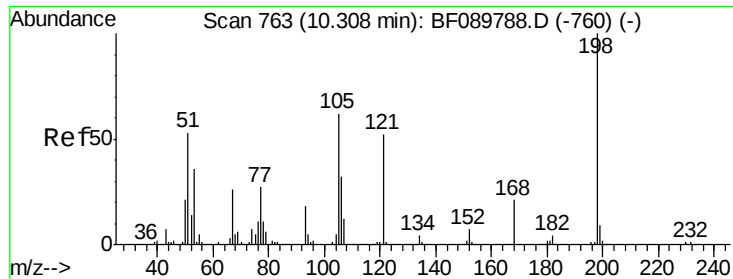
Tgt Ion:	77	Resp:	5436
Ion	Ratio	Lower	Upper
77	100		
182	40.9	5.6	45.6
105	43.8	4.0	44.0
51	44.6	7.8	47.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:	188	Resp:	1202701
Ion	Ratio	Lower	Upper
188	100		
94	12.2	10.2	15.2
80	12.7	10.9	16.3





#64

4,6-Dinitro-2-methylphenol

Concen: 0.04 ng

RT: 10.33 min Scan# 765

Delta R.T. 0.02 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

Instrument :

BNA_F

ClientSampleId :

B-1(0-5)

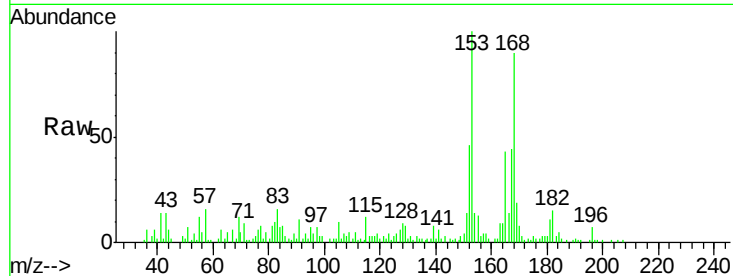
Tgt Ion:198 Resp: 261

Ion Ratio Lower Upper

198 100

51 573.9 32.3 72.3#

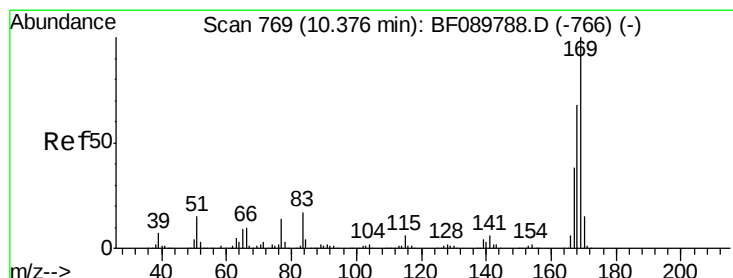
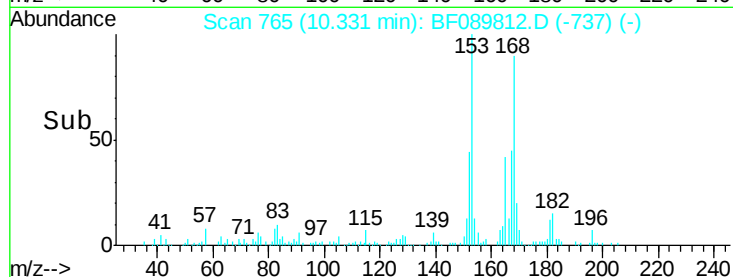
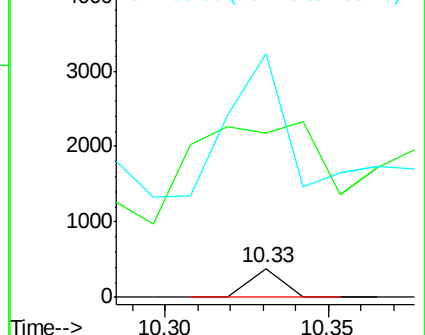
105 849.5 32.9 72.9#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 0.88 ng

RT: 10.38 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

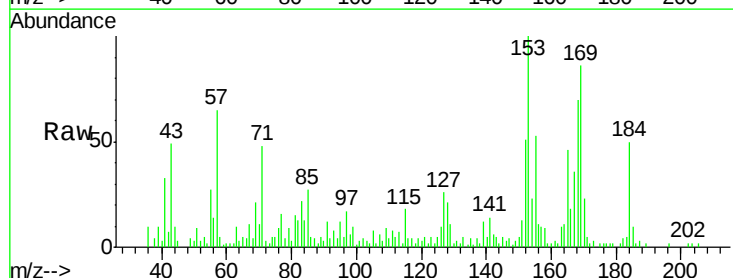
Tgt Ion:169 Resp: 33141

Ion Ratio Lower Upper

169 100

168 81.9 54.6 82.0

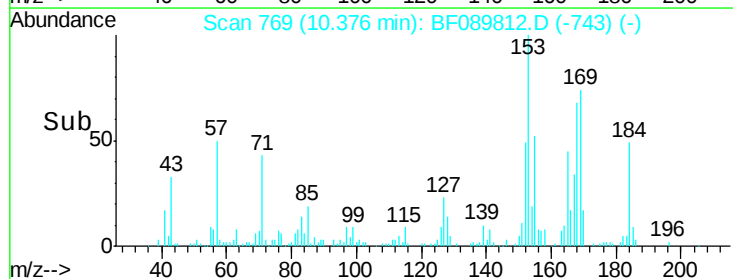
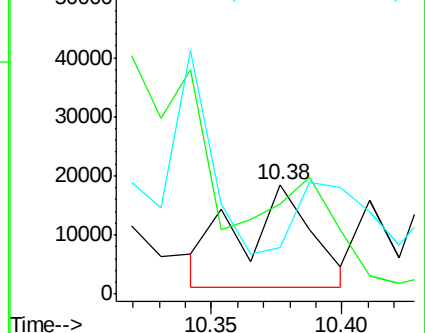
167 42.2 30.6 45.8

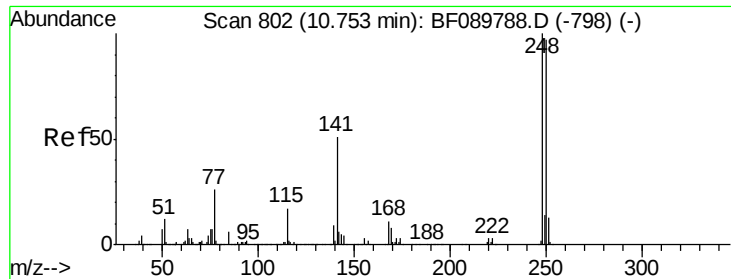


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

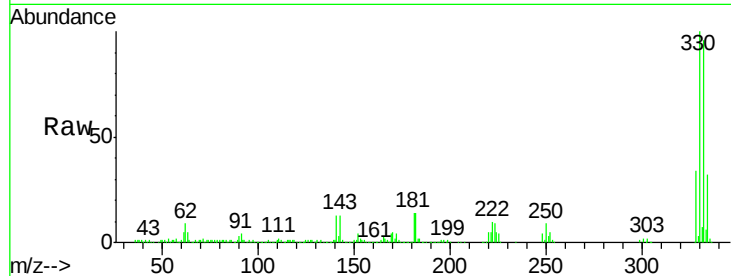




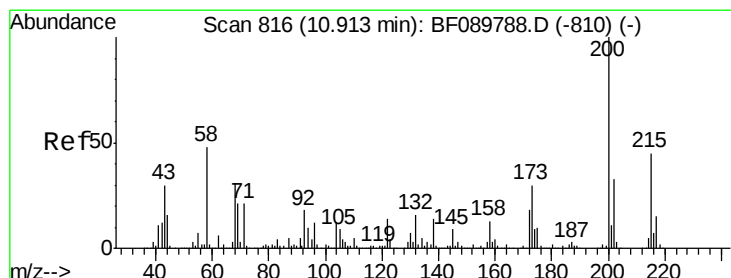
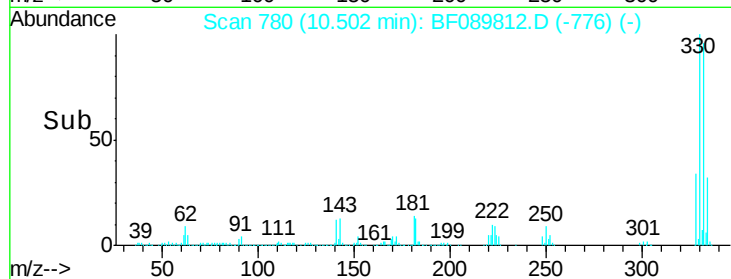
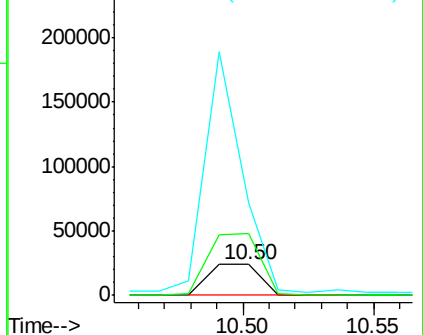
#66
 4-Bromophenyl-phenylether
 Concen: 2.62 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.25 min
 Lab File: BF089812.D
 Acq: 19 Aug 2016 22:40

Instrument :
 BNA_F
 ClientSampleId :
 B-1(0-5)

Tgt Ion:248 Resp: 33095
 Ion Ratio Lower Upper
 248 100
 250 198.6 78.6 117.8#
 141 296.3 31.4 47.2#

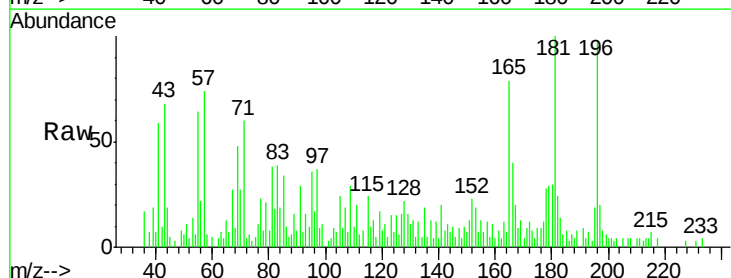


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

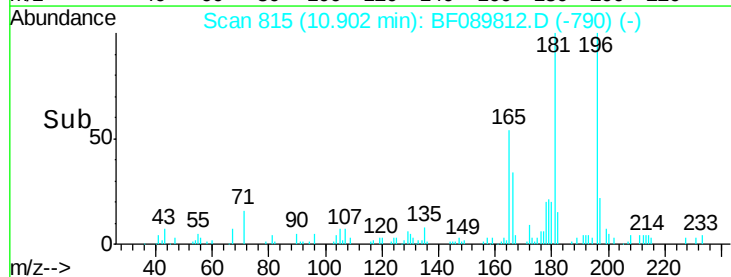
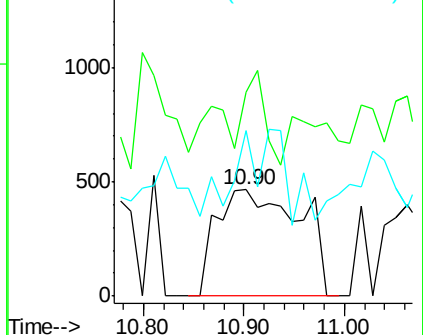


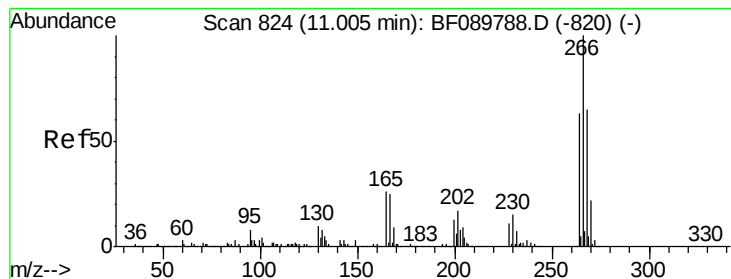
#68
 Atrazine
 Concen: 0.23 ng
 RT: 10.90 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF089812.D
 Acq: 19 Aug 2016 22:40

Tgt Ion:200 Resp: 2670
 Ion Ratio Lower Upper
 200 100
 173 191.6 6.6 46.6#
 215 155.9 24.7 64.7#



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





#69

Pentachlorophenol

Concen: 0.04 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

Instrument :

BNA_F

ClientSampleId :

B-1(0-5)

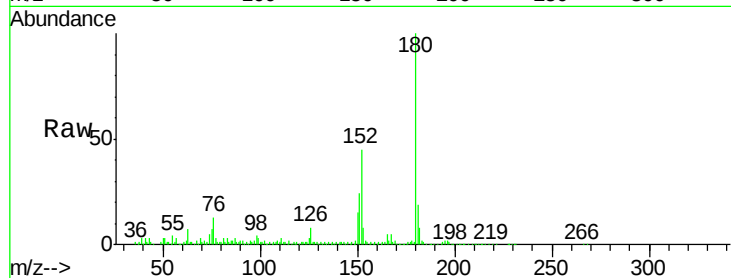
Tgt Ion:266 Resp: 311

Ion Ratio Lower Upper

266 100

268 78.4 53.2 79.8

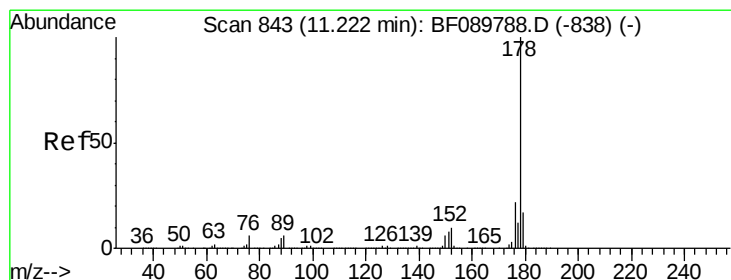
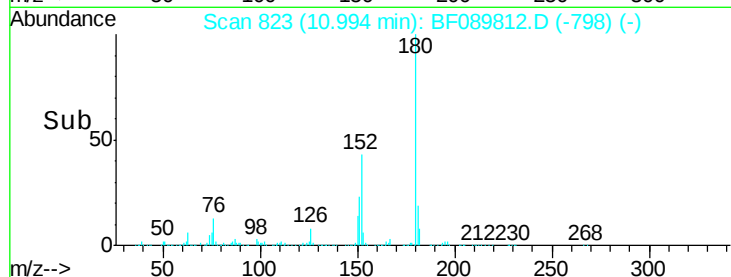
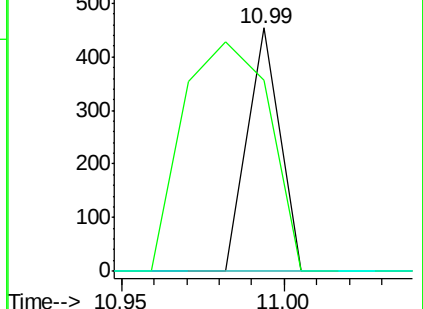
264 0.0 51.1 76.7#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 50.46 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

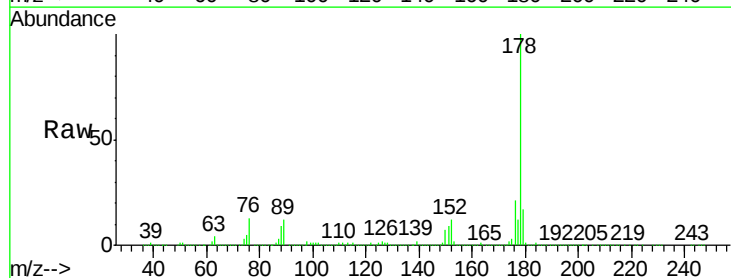
Tgt Ion:178 Resp: 3065276

Ion Ratio Lower Upper

178 100

176 20.9 16.4 24.6

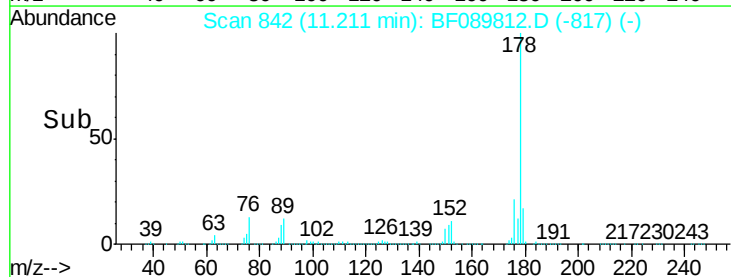
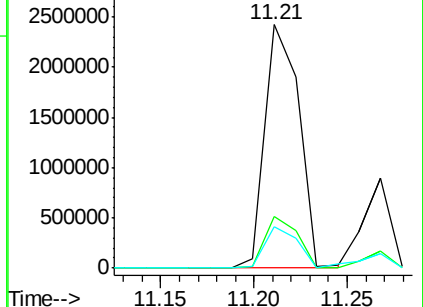
179 16.8 12.5 18.7

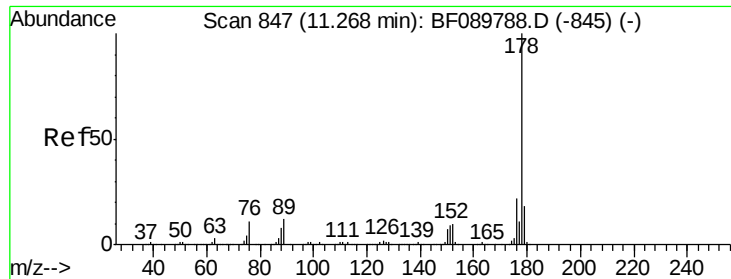


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

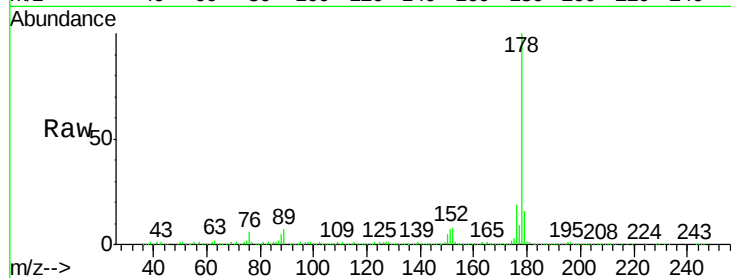




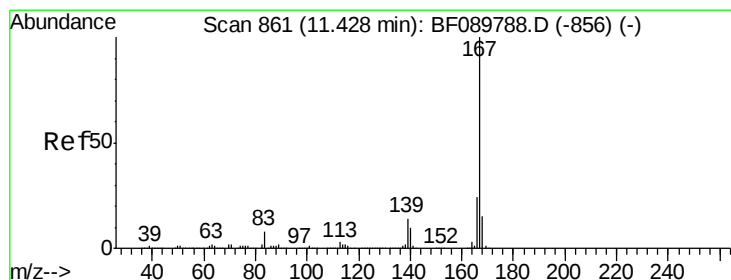
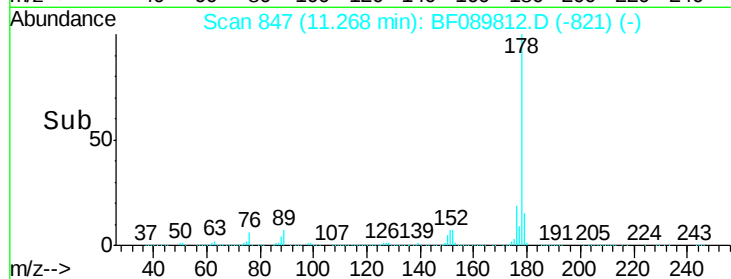
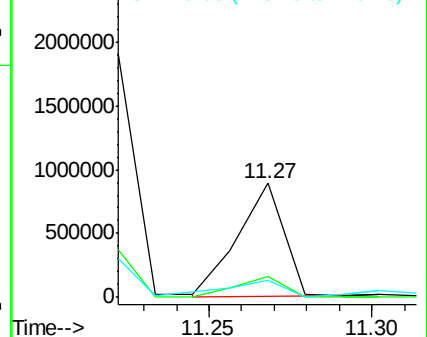
#71
 Anthracene
 Concen: 13.89 ng
 RT: 11.27 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF089812.D
 Acq: 19 Aug 2016 22:40

Instrument :
 BNA_F
 ClientSampleId :
 B-1(0-5)

Tgt Ion:178 Resp: 857823
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.4 24.6
 179 15.5 13.1 19.7

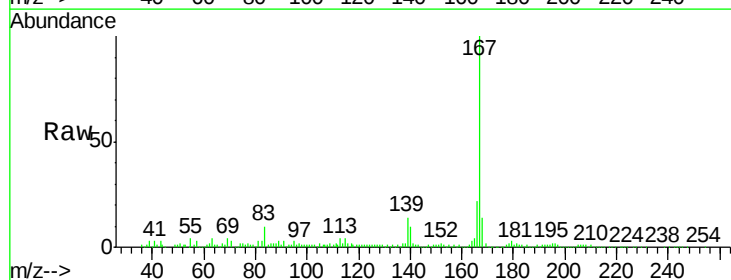


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

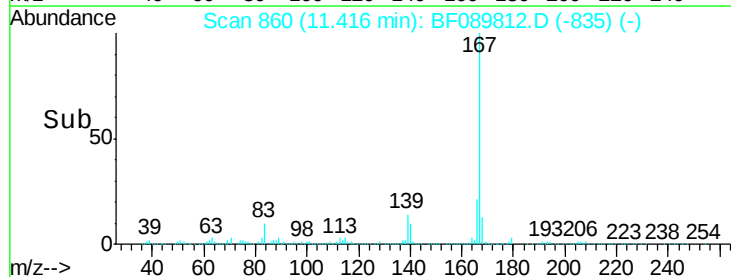
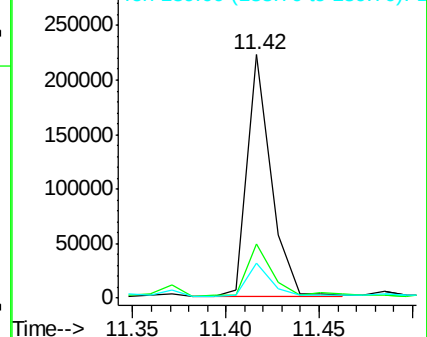


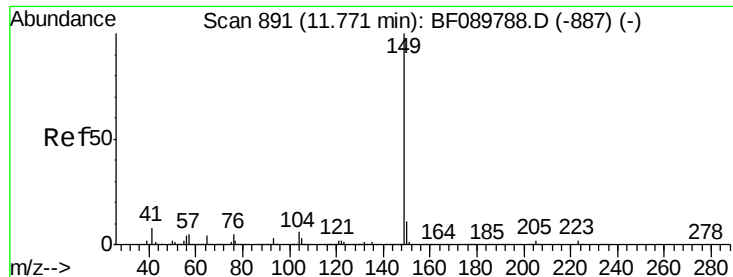
#72
 Carbazole
 Concen: 3.59 ng
 RT: 11.42 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF089812.D
 Acq: 19 Aug 2016 22:40

Tgt Ion:167 Resp: 198899
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.9 26.9
 139 14.5 12.4 18.6



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

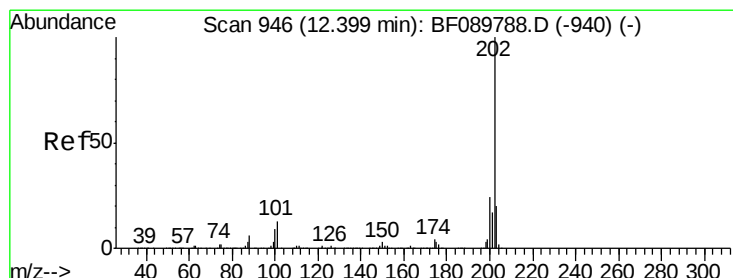
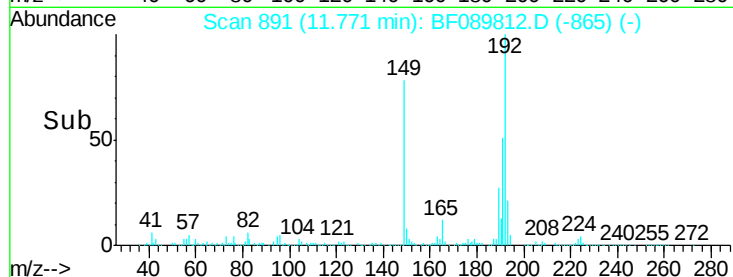
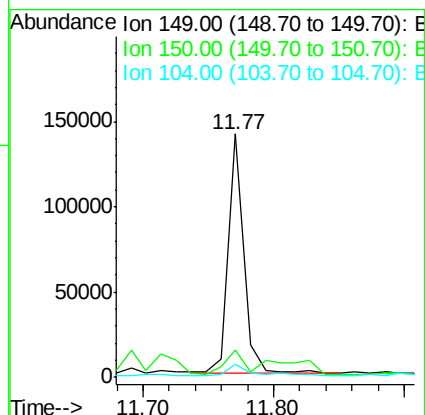
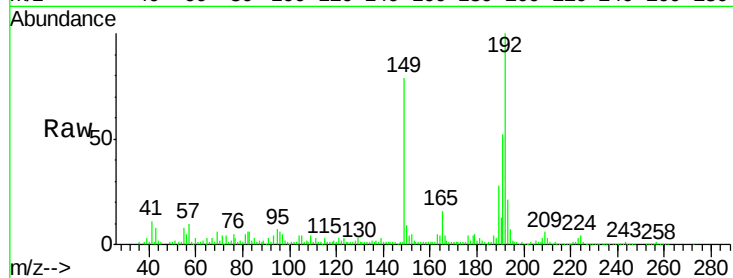




#73
Di-n-butylphthalate
Concen: 1.70 ng
RT: 11.77 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

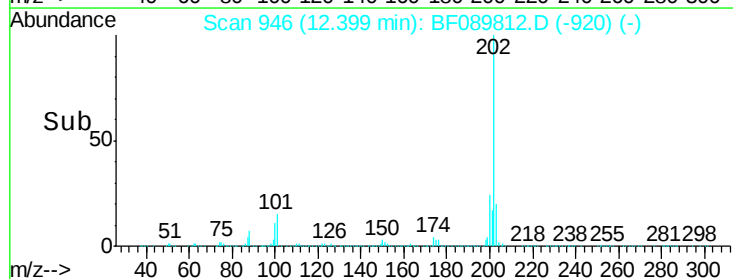
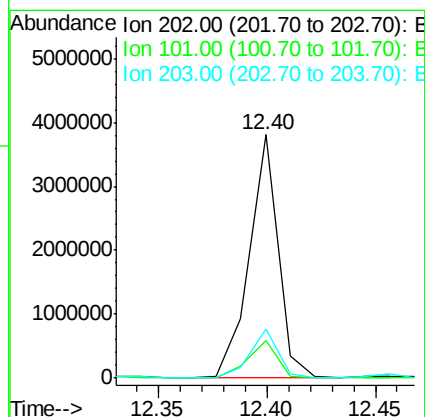
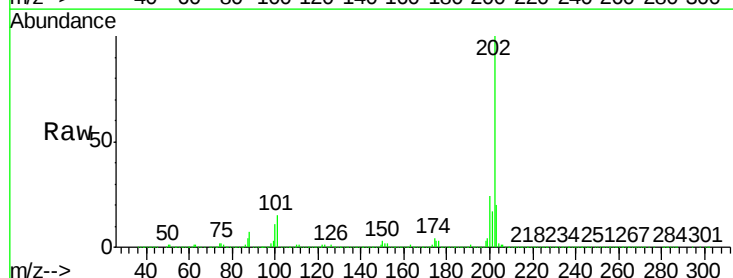
Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

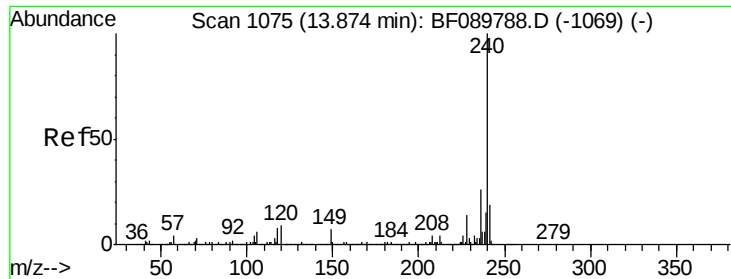
Tgt Ion:149 Resp: 117563
Ion Ratio Lower Upper
149 100
150 11.5 7.9 11.9
104 5.2 4.3 6.5



#74
Fluoranthene
Concen: 60.61 ng
RT: 12.40 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF089812.D
Acq: 19 Aug 2016 22:40

Tgt Ion:202 Resp: 3502106
Ion Ratio Lower Upper
202 100
101 15.3 0.0 31.2
203 20.0 0.0 38.1

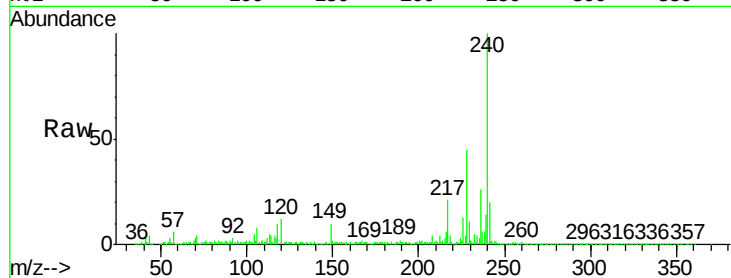




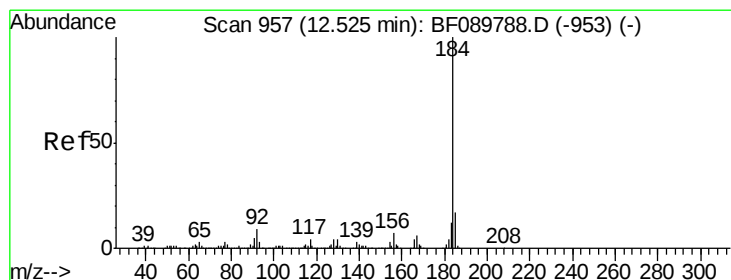
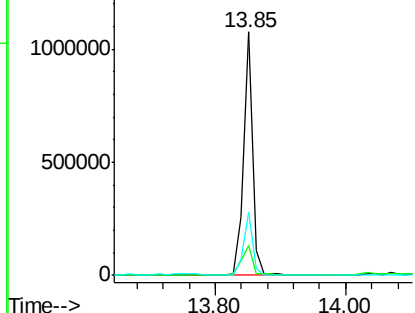
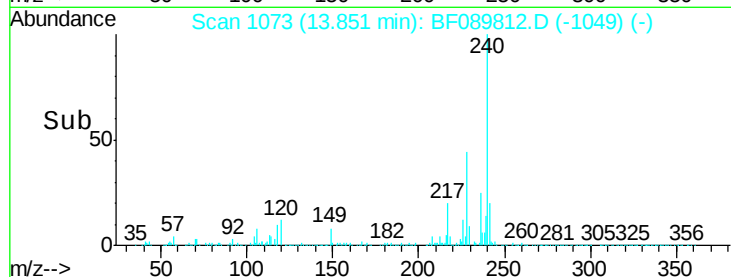
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.85 min Scan# 1073
 Delta R.T. -0.02 min
 Lab File: BF089812.D
 Acq: 19 Aug 2016 22:40

Instrument :
 BNA_F
 ClientSampleId :
 B-1(0-5)

Tgt Ion:240 Resp: 1007957
 Ion Ratio Lower Upper
 240 100
 120 12.3 8.3 12.5
 236 26.2 21.3 31.9

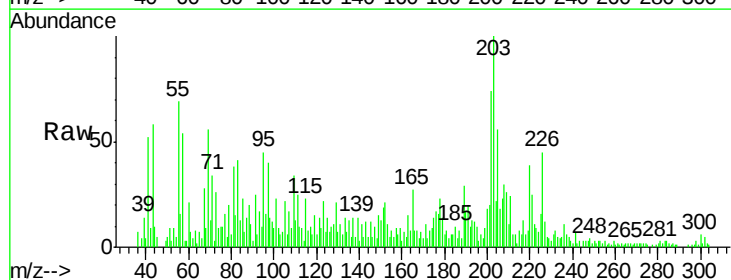


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

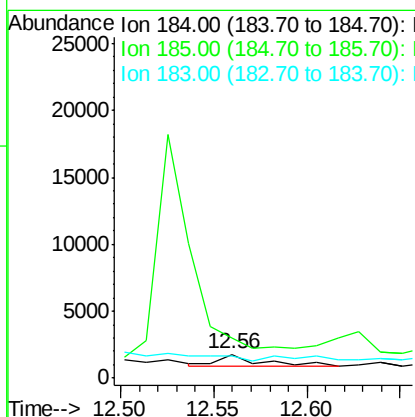
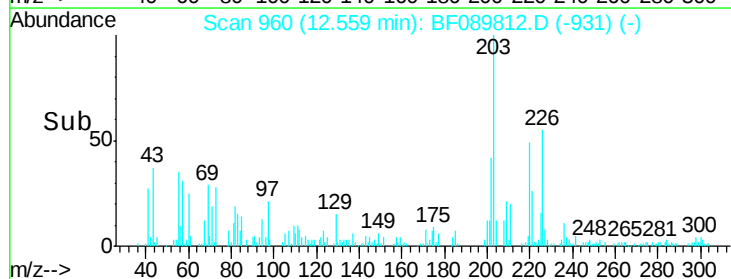


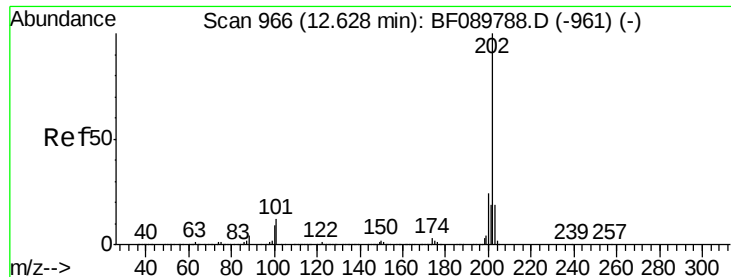
#76
 Benzidine
 Concen: 0.05 ng
 RT: 12.56 min Scan# 960
 Delta R.T. 0.03 min
 Lab File: BF089812.D
 Acq: 19 Aug 2016 22:40

Tgt Ion:184 Resp: 1489
 Ion Ratio Lower Upper
 184 100
 185 166.7 13.8 20.8#
 183 94.1 9.7 14.5#



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

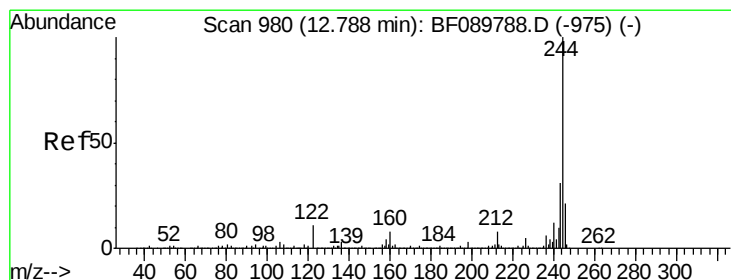
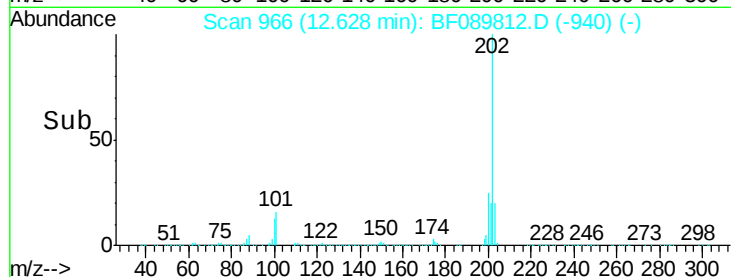
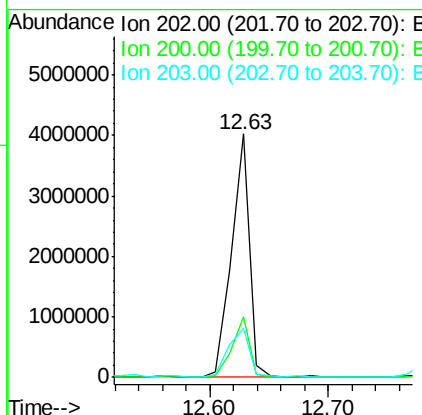
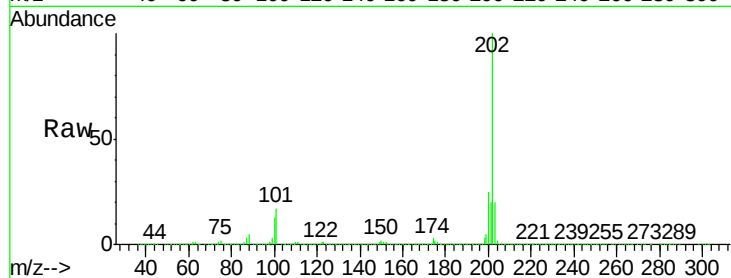




#77
 Pyrene
 Concen: 51.02 ng
 RT: 12.63 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BF089812.D
 Acq: 19 Aug 2016 22:40

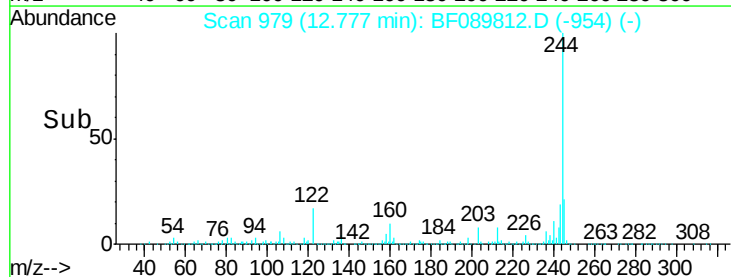
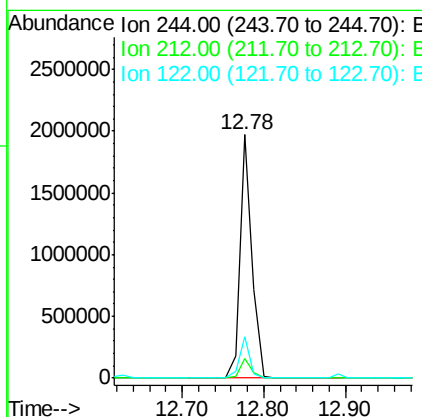
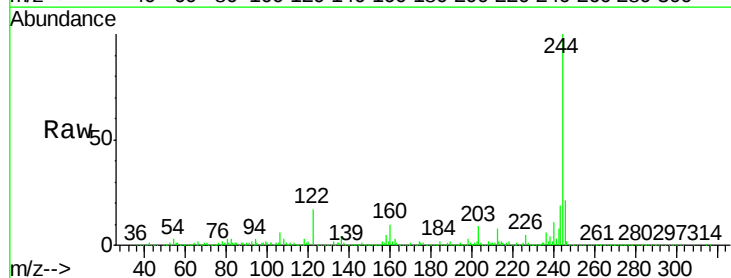
Instrument :
 BNA_F
 ClientSampleId :
 B-1(0-5)

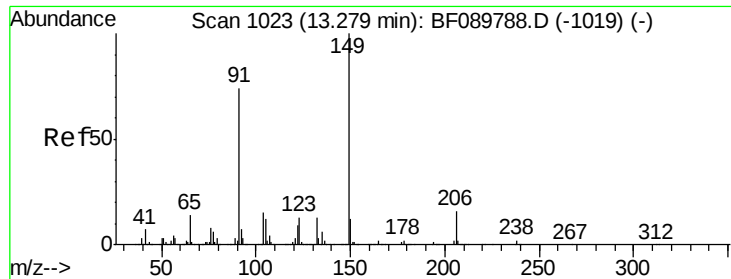
Tgt Ion:202 Resp: 4187958
 Ion Ratio Lower Upper
 202 100
 200 24.9 17.8 26.6
 203 20.2 14.2 21.4



#78
 Terphenyl-d14
 Concen: 44.56 ng
 RT: 12.78 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF089812.D
 Acq: 19 Aug 2016 22:40

Tgt Ion:244 Resp: 1985210
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 17.0 12.0 18.0





#79

Butylbenzylphthalate

Concen: 37.82 ng

RT: 13.27 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

Instrument :

BNA_F

ClientSampleId :

B-1(0-5)

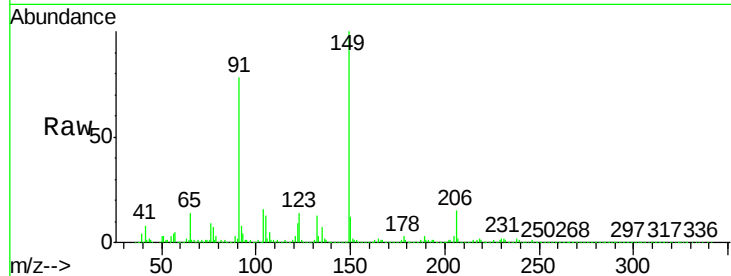
Tgt Ion:149 Resp: 1401962

Ion Ratio Lower Upper

149 100

91 78.5 50.7 76.1#

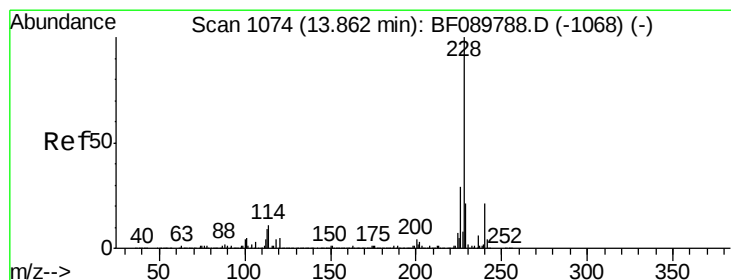
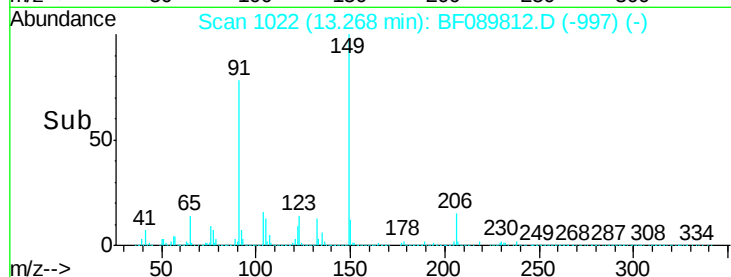
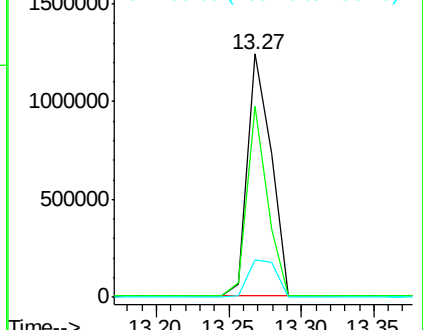
206 15.4 15.5 23.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.41 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.02 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

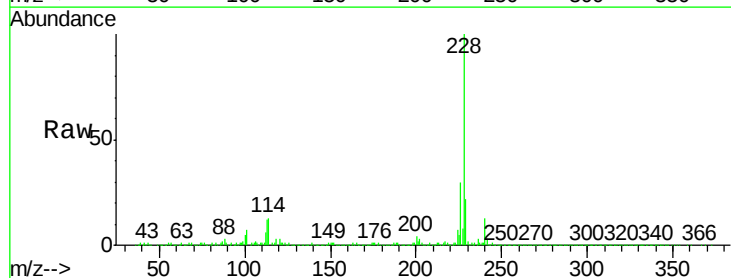
Tgt Ion:228 Resp: 2563400

Ion Ratio Lower Upper

228 100

226 30.4 23.2 34.8

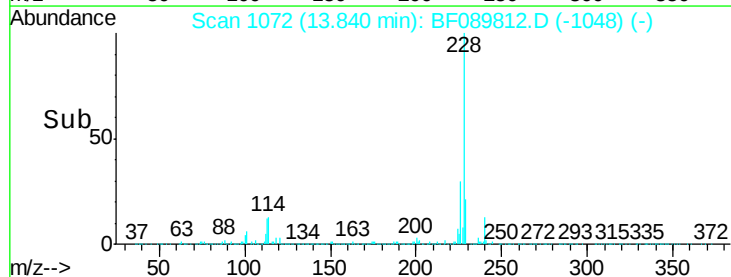
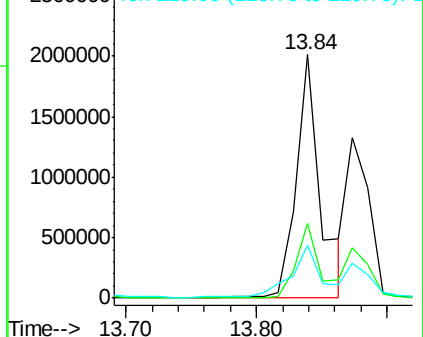
229 21.6 16.2 24.4

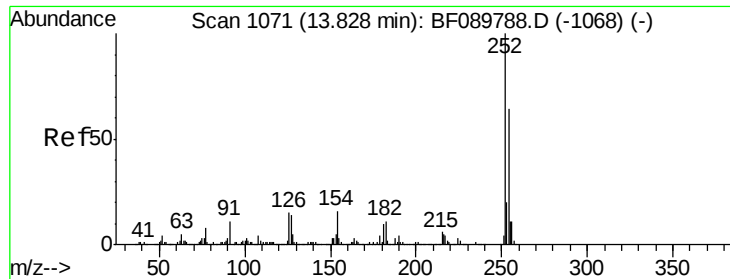


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

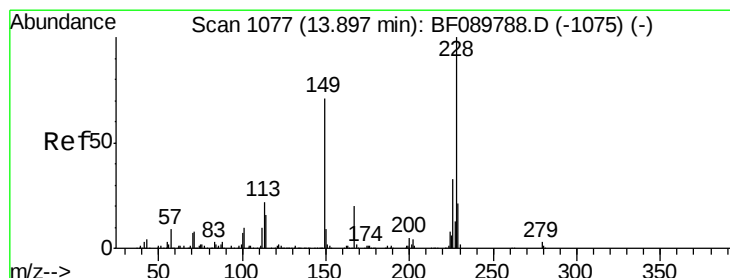
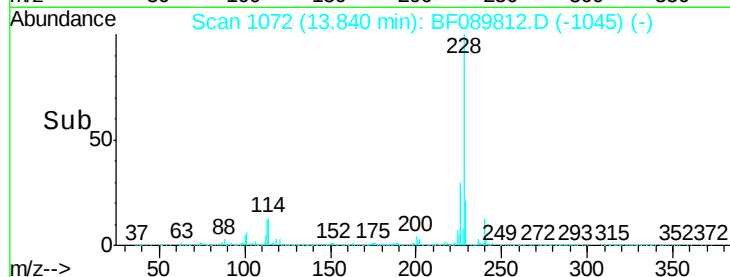
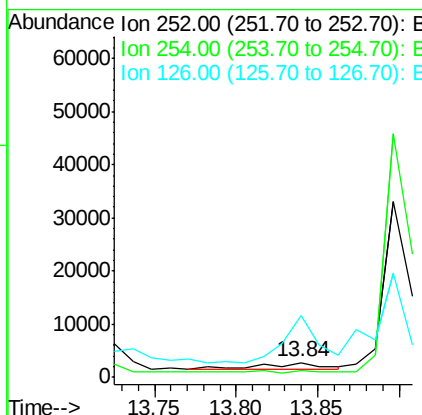
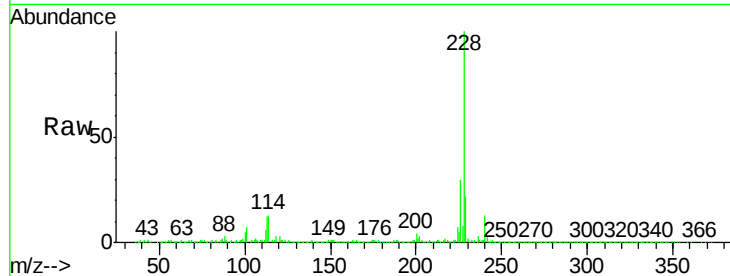




#81
 3,3'-Dichlorobenzidine
 Concen: 0.18 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. 0.01 min
 Lab File: BF089812.D
 Acq: 19 Aug 2016 22:40

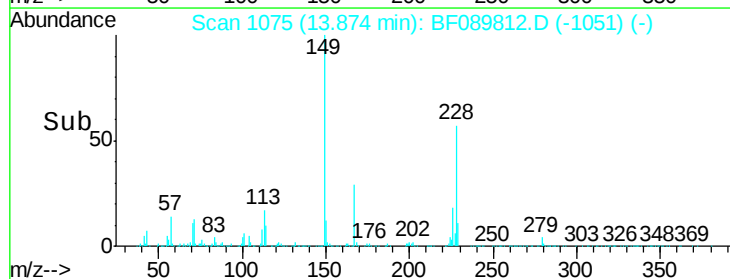
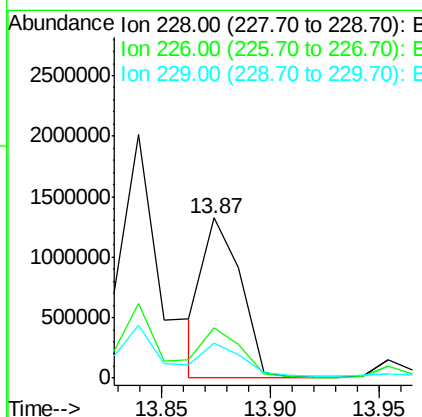
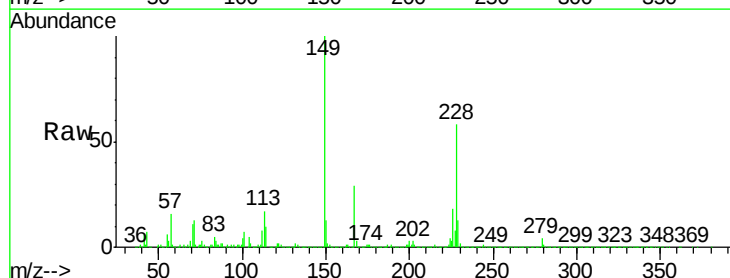
Instrument :
 BNA_F
 ClientSampleId :
 B-1(0-5)

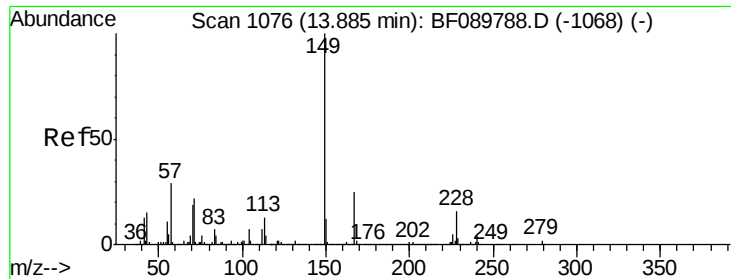
Tgt Ion:252 Resp: 3312
 Ion Ratio Lower Upper
 252 100
 254 41.7 50.6 75.8#
 126 412.6 12.6 18.8#



#82
 Chrysene
 Concen: 31.55 ng
 RT: 13.87 min Scan# 1075
 Delta R.T. -0.02 min
 Lab File: BF089812.D
 Acq: 19 Aug 2016 22:40

Tgt Ion:228 Resp: 1561375
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.4 38.0
 229 22.2 16.5 24.7

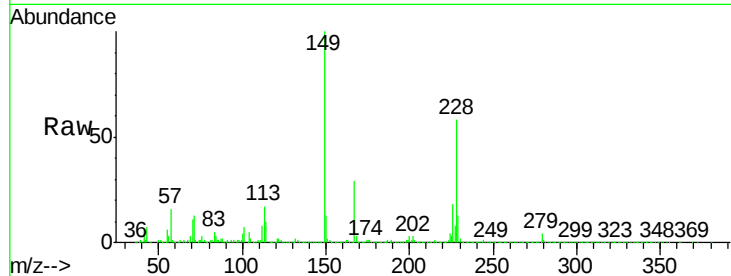




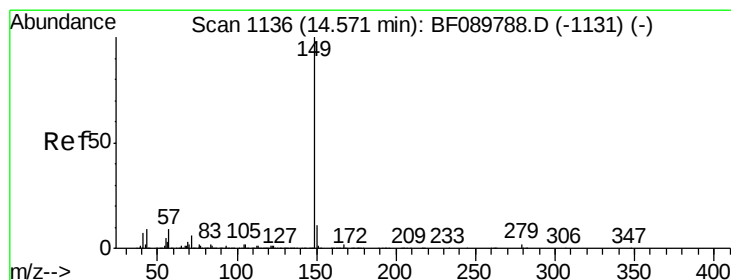
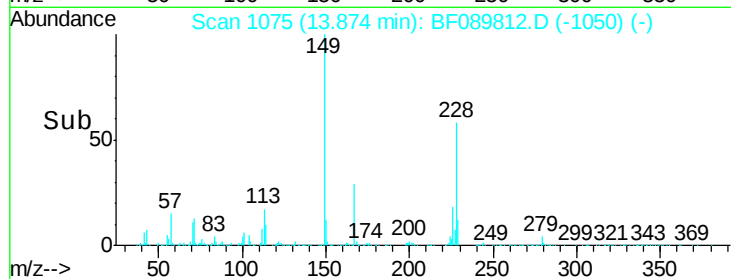
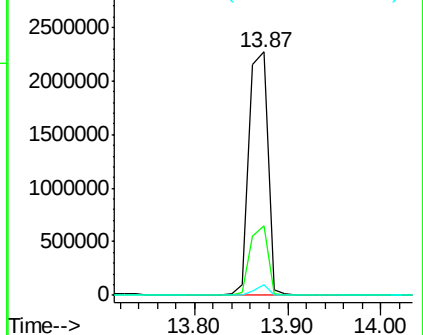
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 61.62 ng
 RT: 13.87 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: BF089812.D
 Acq: 19 Aug 2016 22:40

Instrument :
 BNA_F
 ClientSampleId :
 B-1(0-5)

Tgt Ion:149 Resp: 3146521
 Ion Ratio Lower Upper
 149 100
 167 28.8 21.2 31.8
 279 4.3 2.9 4.3

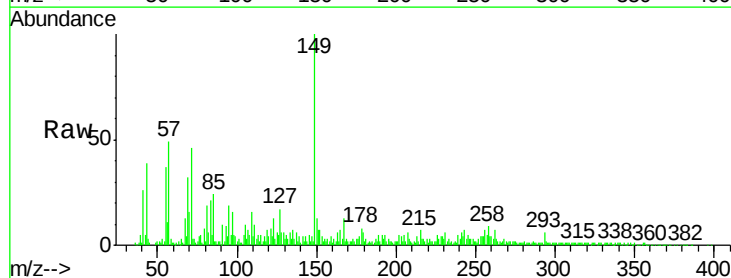


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

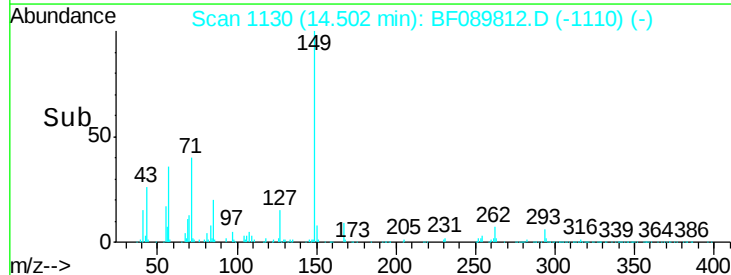
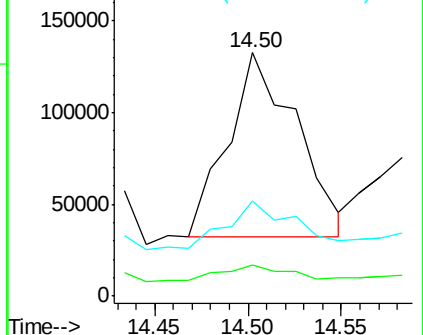


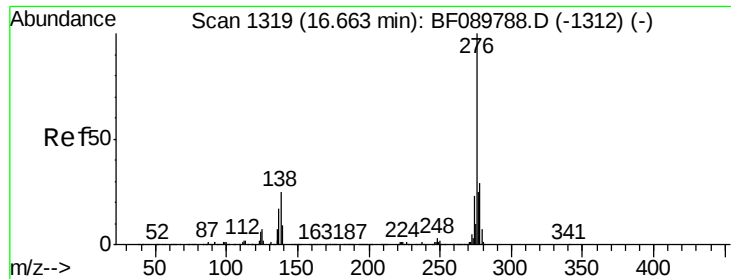
#84
 Di-n-octyl phthalate
 Concen: 3.81 ng
 RT: 14.50 min Scan# 1130
 Delta R.T. -0.07 min
 Lab File: BF089812.D
 Acq: 19 Aug 2016 22:40

Tgt Ion:149 Resp: 258476
 Ion Ratio Lower Upper
 149 100
 167 9.3 1.2 1.8#
 43 24.7 8.4 12.6#



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): BF0

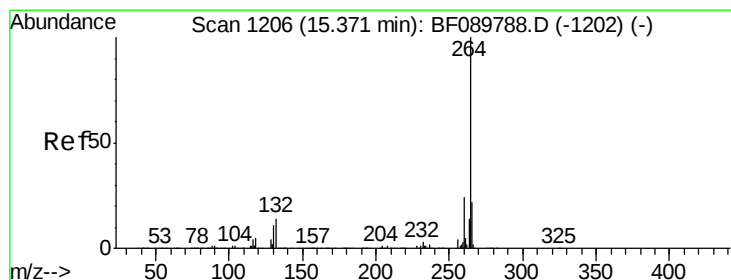
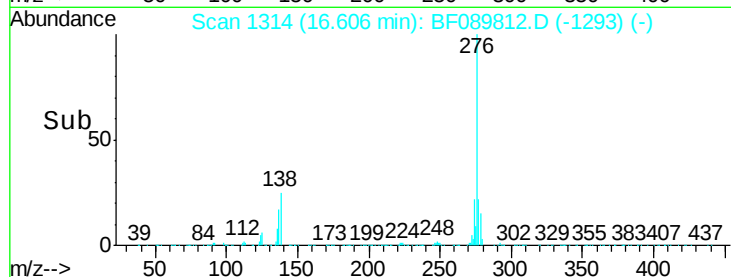
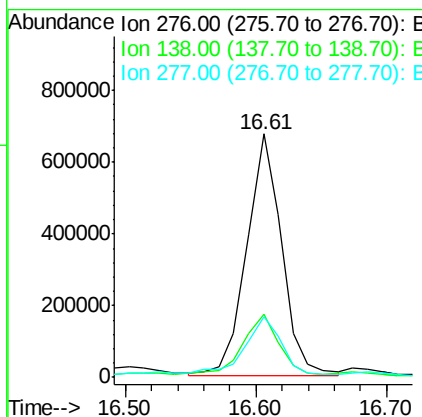
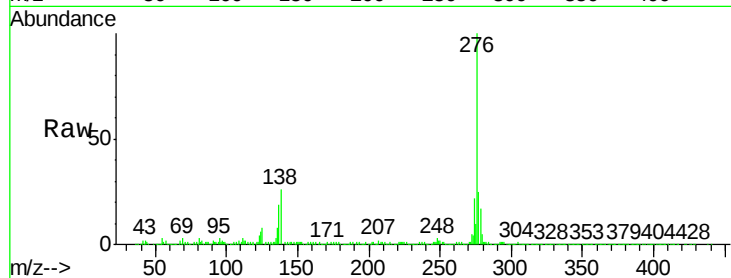




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 19.98 ng
 RT: 16.61 min Scan# 1314
 Delta R.T. -0.06 min
 Lab File: BF089812.D
 Acq: 19 Aug 2016 22:40

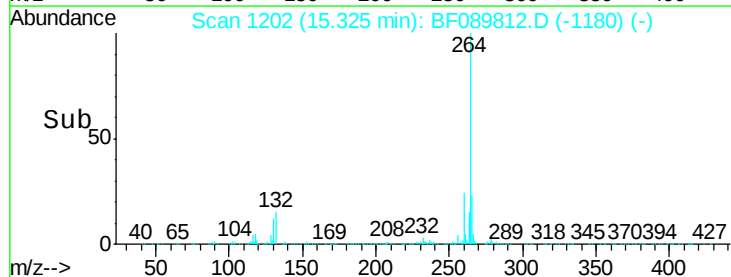
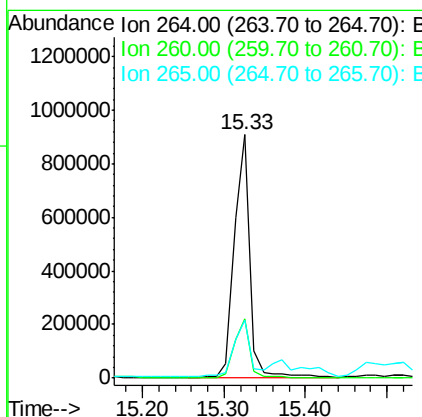
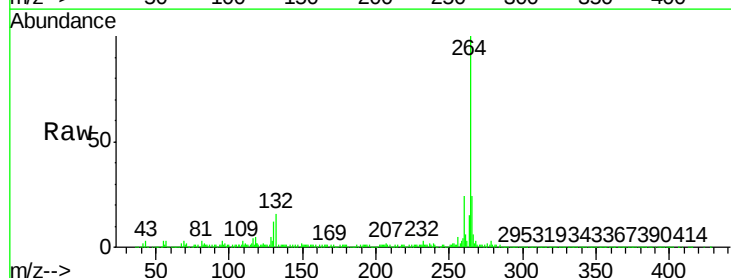
Instrument :
 BNA_F
 ClientSampleId :
 B-1(0-5)

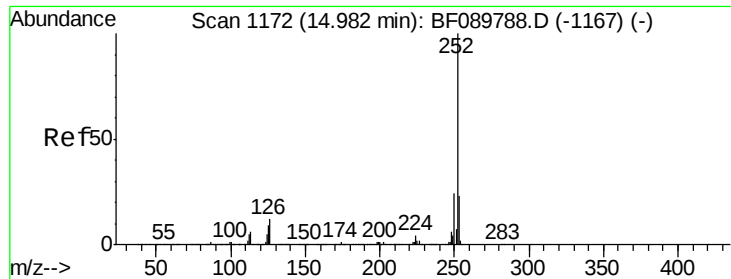
Tgt Ion:276 Resp: 1261816
 Ion Ratio Lower Upper
 276 100
 138 26.5 24.6 36.8
 277 28.1 20.4 30.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1202
 Delta R.T. -0.05 min
 Lab File: BF089812.D
 Acq: 19 Aug 2016 22:40

Tgt Ion:264 Resp: 1197167
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.2 30.2
 265 23.8 17.4 26.2





#87

Benzo(b)fluoranthene

Concen: 52.94 ng

RT: 14.94 min Scan# 1168

Delta R.T. -0.05 min

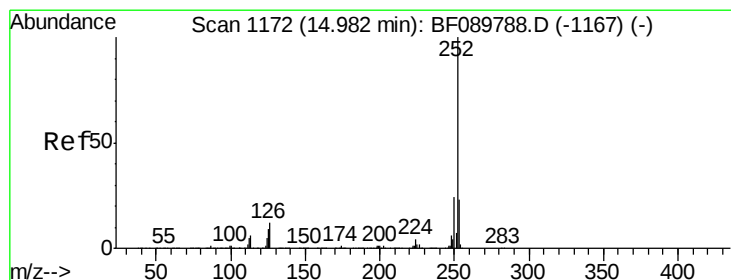
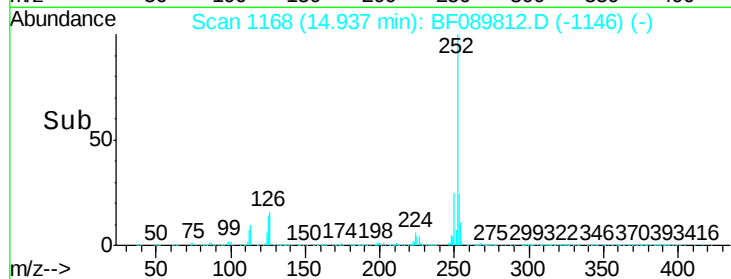
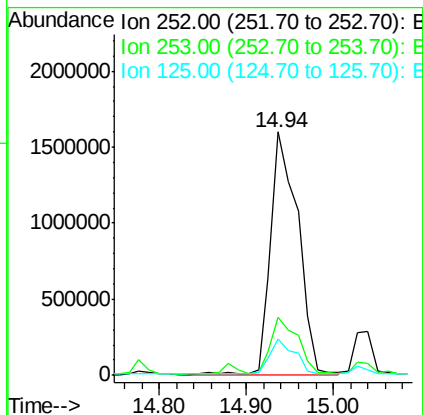
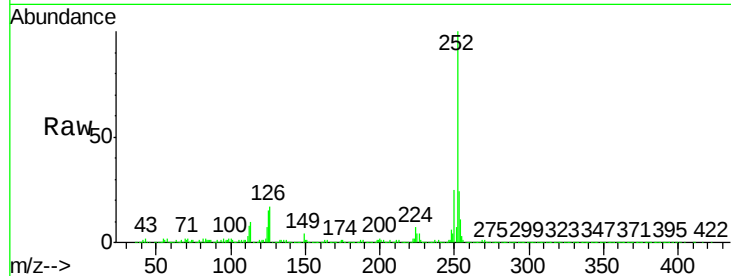
Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)

Tgt Ion:252 Resp: 3486606

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.8
125	14.7	11.4	17.2



#88

Benzo(k)fluoranthene

Concen: 58.35 ng

RT: 14.94 min Scan# 1168

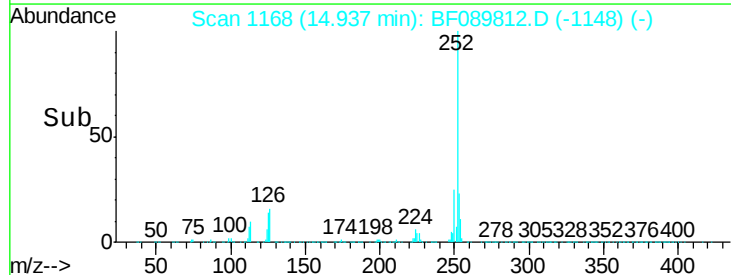
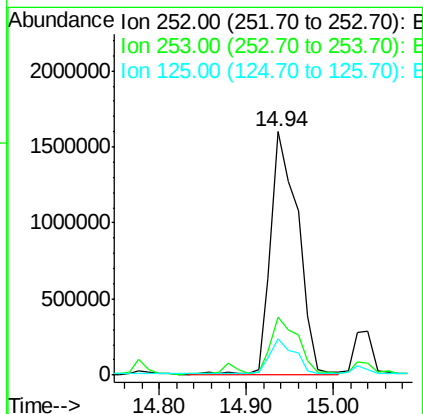
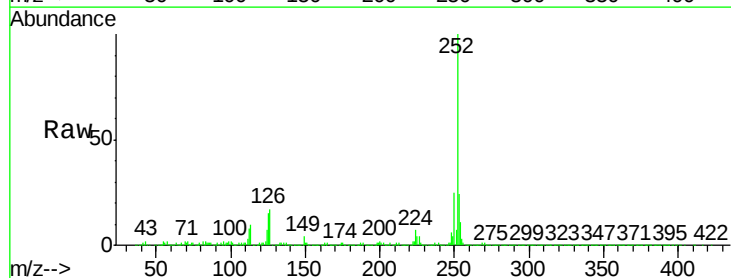
Delta R.T. -0.07 min

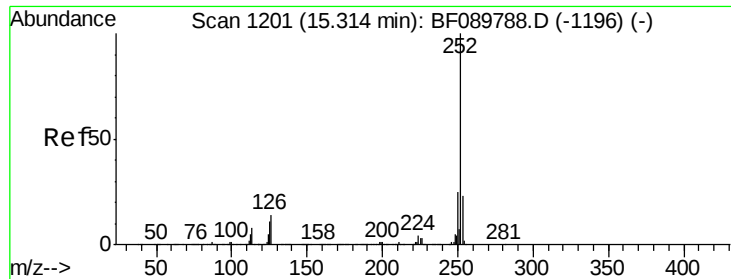
Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

Tgt Ion:252 Resp: 3486606

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.4	27.6
125	14.7	9.8	14.6#





#89

Benzo(a)pyrene

Concen: 33.81 ng

RT: 15.27 min Scan# 1197

Delta R.T. -0.05 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

Instrument :

BNA_F

ClientSampleId :

B-1(0-5)

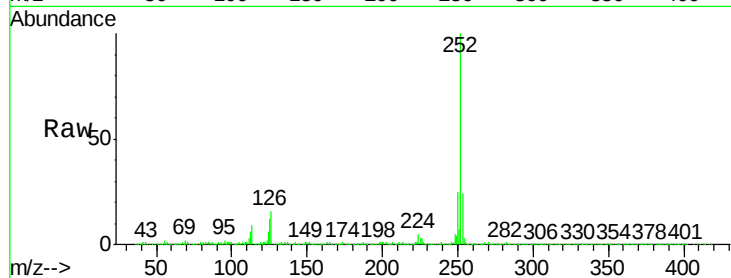
Tgt Ion:252 Resp: 2107498

Ion Ratio Lower Upper

252 100

253 23.8 17.8 26.8

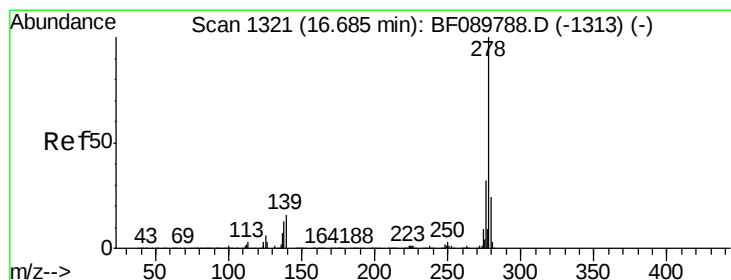
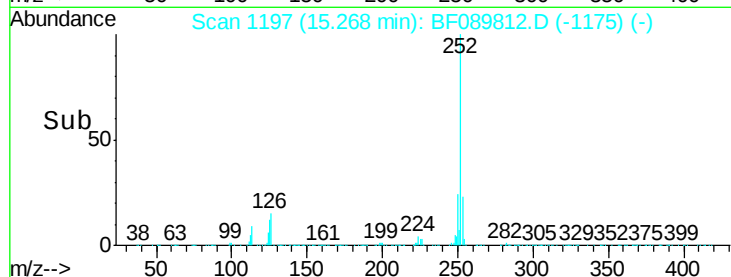
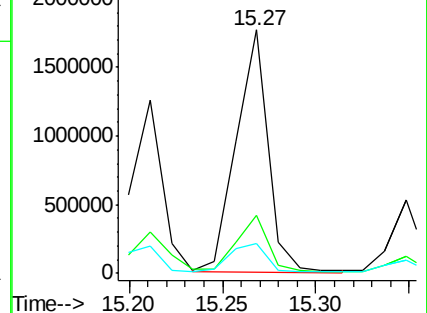
125 12.4 11.7 17.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 5.09 ng

RT: 16.62 min Scan# 1315

Delta R.T. -0.07 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

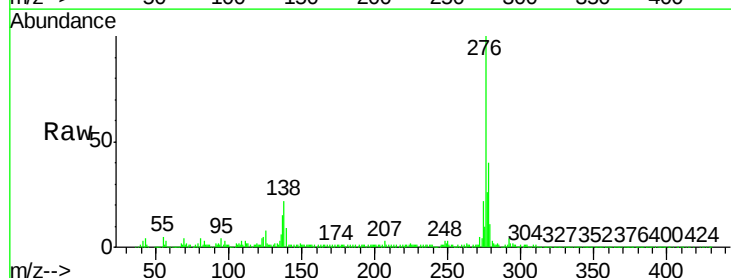
Tgt Ion:278 Resp: 344431

Ion Ratio Lower Upper

278 100

139 21.7 14.9 22.3

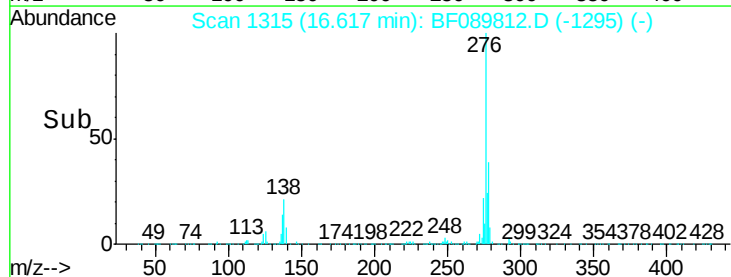
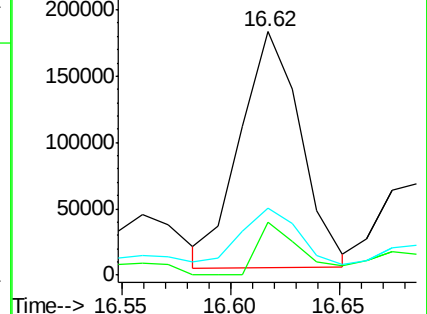
279 27.7 19.2 28.8

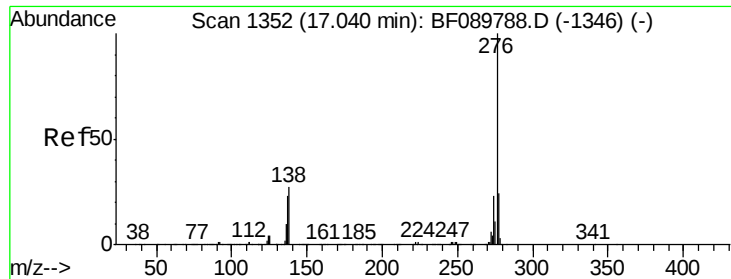


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 16.37 ng

RT: 16.99 min Scan# 1348

Delta R.T. -0.05 min

Lab File: BF089812.D

Acq: 19 Aug 2016 22:40

Instrument :

BNA_F

ClientSampleId :

B-1(0-5)

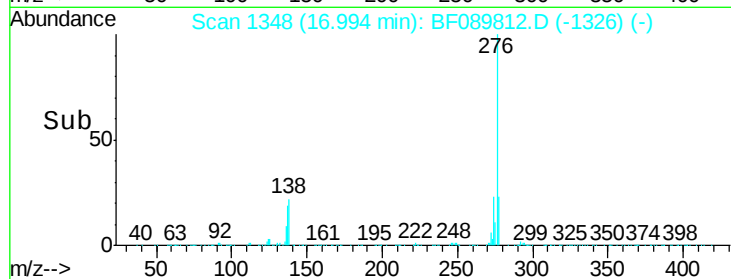
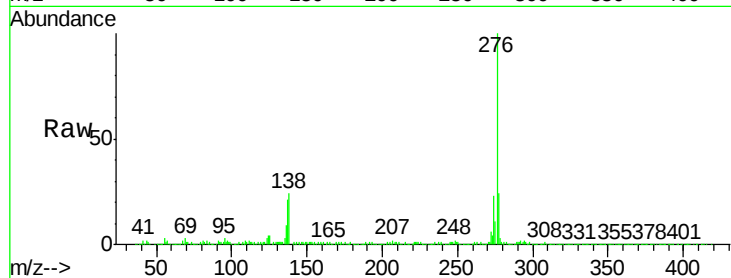
Tgt Ion:276 Resp: 1166545

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 23.8 22.1 33.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

