

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
 Data File : BF089814.D
 Acq On : 19 Aug 2016 23:33
 Operator : UM/SJ
 Sample : H4518-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-2(8-15)

Quant Time: Aug 22 01:24:03 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	591881	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	1993514	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	899438	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	1334525	20.00	ng	0.00
75) Chrysene-d12	13.84	240	1057177	20.00	ng	-0.03
86) Perylene-d12	15.30	264	1197177	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	4654457	134.86	ng	0.02
7) Phenol-d6	6.33	99	5312010	125.38	ng	0.01
23) Nitrobenzene-d5	7.26	82	3330709	103.80	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	906437	106.04	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	4187131	81.82	ng	0.00
78) Terphenyl-d14	12.78	244	2362651	50.56	ng	-0.01

Target Compounds

						Qvalue
3) Pyridine	2.82	79	421	0.01	ng	# 1
4) n-Nitrosodimethylamine	2.75	42	346	0.02	ng	# 1
6) Aniline	6.34	93	3392	0.06	ng	# 1
8) 2-Chlorophenol	6.47	128	3264	0.08	ng	97
9) Benzaldehyde	6.46	77	100165	3.63	ng	93
10) Phenol	6.34	94	66601	1.34	ng	# 72
11) bis(2-Chloroethyl)ether	6.46	93	6774	0.18	ng	# 1
12) 1,3-Dichlorobenzene	6.84	146	253	0.01	ng	# 1
13) 1,4-Dichlorobenzene	6.84	146	253	0.01	ng	# 1
14) 1,2-Dichlorobenzene	6.84	146	253	0.01	ng	# 1
15) Benzyl Alcohol	6.84	79	61919	2.20	ng	# 46
16) 2,2'-oxybis(1-Chloropropan	6.97	45	303	0.01	ng	# 1
17) 2-Methylphenol	6.81	107	7875	0.24	ng	# 1
18) Hexachloroethane	7.27	117	5814	0.37	ng	# 18
19) n-Nitroso-di-n-propylamine	7.26	70	446057	16.46	ng	# 70
20) 3+4-Methylphenols	7.10	107	190041	4.79	ng	# 47
22) Acetophenone	7.10	105	7215	0.16	ng	# 1
24) Nitrobenzene	7.26	77	10328	0.29	ng	# 36
25) Isophorone	7.26	82	3124975	48.29	ng	# 67
26) 2-Nitrophenol	7.36	139	718	0.04	ng	# 45
27) 2,4-Dimethylphenol	7.64	122	3485	0.11	ng	# 91
28) bis(2-Chloroethoxy)methane	7.72	93	1138	0.03	ng	# 1
29) 2,4-Dichlorophenol	7.92	162	1408	0.05	ng	# 39
31) Naphthalene	7.99	128	60182	0.65	ng	97
32) Benzoic acid	7.93	122	295	0.01	ng	85
33) 4-Chloroaniline	7.99	127	7774	0.19	ng	# 35
35) Caprolactam	8.35	113	708	0.09	ng	# 8
36) 4-Chloro-3-methylphenol	8.54	107	1123	0.04	ng	# 82
37) 2-Methylnaphthalene	8.67	142	36095	0.60	ng	# 91
45) 1,1'-Biphenyl	9.14	154	4219	0.06	ng	83
46) 2-Chloronaphthalene	9.15	162	215	0.00	ng	# 19
47) 2-Nitroaniline	9.23	65	1413	0.09	ng	# 5
48) Acenaphthylene	9.56	152	18858	0.23	ng	# 1
49) Dimethylphthalate	9.44	163	1276574	20.16	ng	99

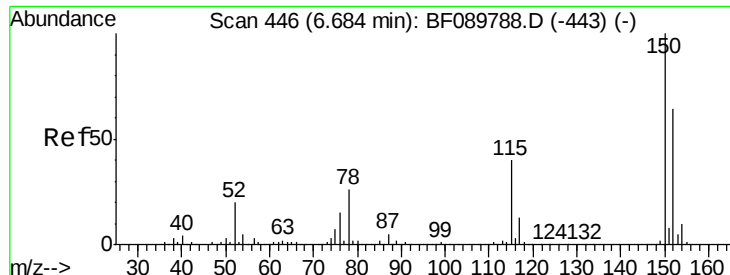
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) 2,6-Dinitrotoluene	9.44	165	14601	1.00	ng	# 1
51) Acenaphthene	9.75	154	41278	0.75	ng	96
52) 3-Nitroaniline	9.66	138	283	0.02	ng	# 1
53) 2,4-Dinitrophenol	10.00	184	231	2.22	ng	# 38
54) Dibenzofuran	9.92	168	4222	0.06	ng	# 10
55) 4-Nitrophenol	9.75	139	964	0.07	ng	86
56) 2,4-Dinitrotoluene	9.71	165	121133	6.39	ng	# 35
57) Fluorene	10.26	166	12609	0.23	ng	# 92
59) Diethylphthalate	10.15	149	7720	0.12	ng	# 87
61) 4-Nitroaniline	10.31	138	217	0.01	ng	# 22
62) Azobenzene	10.58	77	2022	0.03	ng	81
64) 4,6-Dinitro-2-methylphenol	10.40	198	774	0.10	ng	# 58
65) n-Nitrosodiphenylamine	10.35	169	8468	0.20	ng	# 72
66) 4-Bromophenyl-phenylether	10.50	248	57698	4.12	ng	# 1
67) Hexachlorobenzene	10.80	284	217	0.01	ng	# 1
68) Atrazine	10.94	200	215	0.02	ng	# 6
70) Phenanthrene	11.21	178	146058	2.17	ng	99
71) Anthracene	11.21	178	146058	2.13	ng	99
72) Carbazole	11.42	167	2884	0.05	ng	# 75
73) Di-n-butylphthalate	11.77	149	15908	0.21	ng	99
74) Fluoranthene	12.40	202	33663	0.53	ng	97
77) Pyrene	12.62	202	34814	0.40	ng	94
79) Butylbenzylphthalate	13.27	149	1736	0.04	ng	# 40
80) Benzo(a)anthracene	13.86	228	38145	0.63	ng	# 91
81) 3,3'-Dichlorobenzidine	13.83	252	489	0.02	ng	# 1
82) Chrysene	13.86	228	38145	0.73	ng	# 95
83) Bis(2-ethylhexyl)phthalate	13.86	149	5480	0.10	ng	# 87
84) Di-n-octyl phthalate	14.53	149	823	0.01	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.66	276	974	0.01	ng	# 63
87) Benzo(b)fluoranthene	14.91	252	16806	0.26	ng	# 84
88) Benzo(k)fluoranthene	14.91	252	16806	0.28	ng	# 83
89) Benzo(a)pyrene	15.23	252	10268	0.16	ng	# 69
90) Dibenzo(a,h)anthracene	16.61	278	3586	0.05	ng	# 55
91) Benzo(g,h,i)perylene	16.96	276	6967	0.10	ng	# 85

(#) = 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: BF089814.D

Acq: 19 Aug 2016 23:33

Instrument :

BNA_F

ClientSampleId :

A-2(8-15)

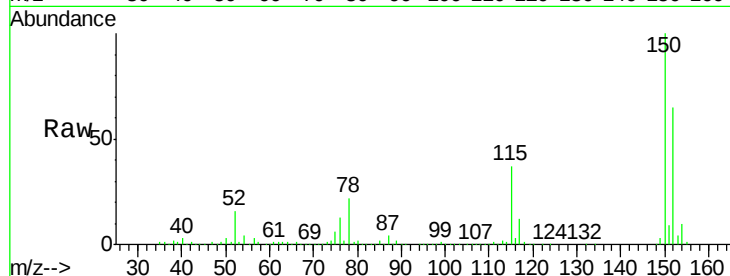
Tgt Ion:152 Resp: 591881

Ion Ratio Lower Upper

152 100

150 154.8 125.3 187.9

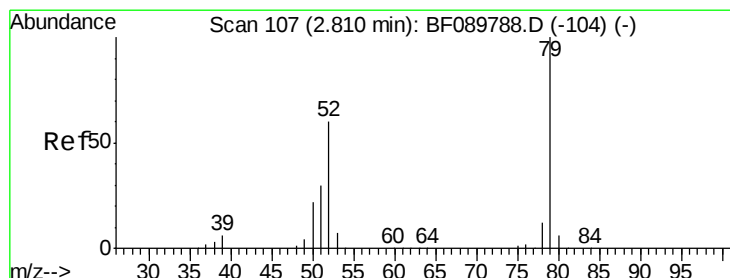
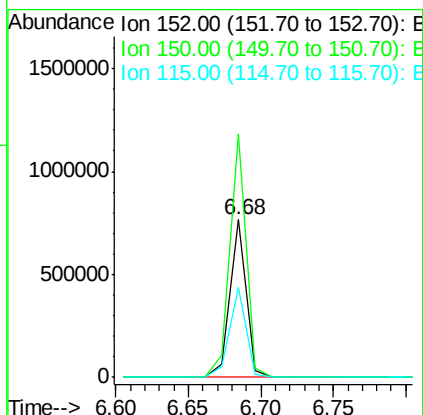
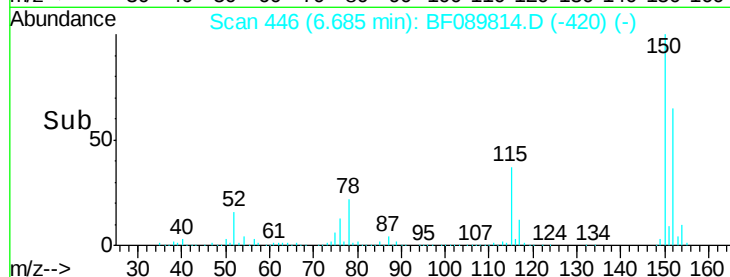
115 57.6 40.9 61.3



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: 0.01 ng

RT: 2.82 min Scan# 108

Delta R.T. 0.01 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

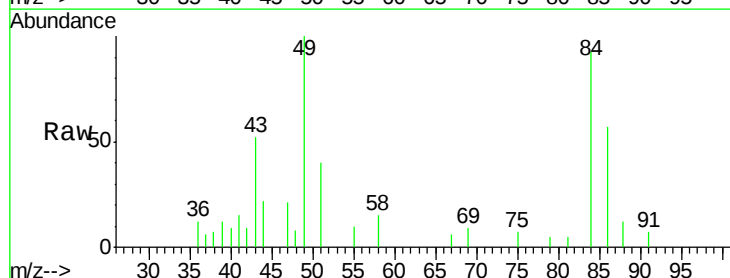
Tgt Ion: 79 Resp: 421

Ion Ratio Lower Upper

79 100

52 0.0 53.6 80.4#

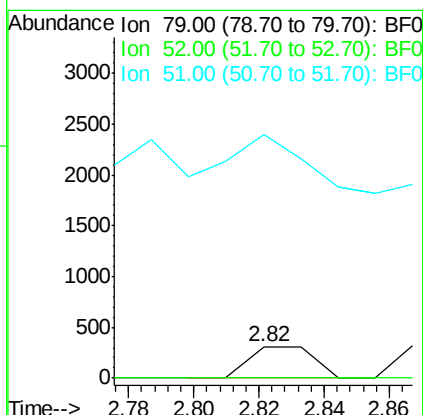
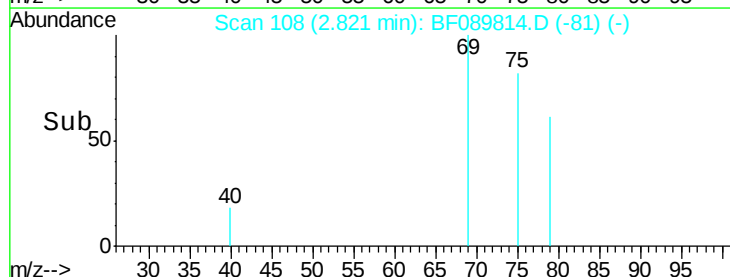
51 768.3 26.6 39.8#

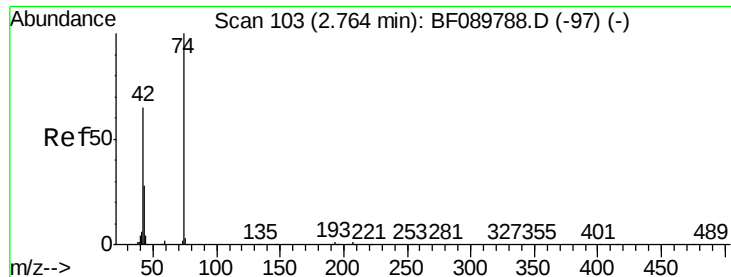


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.02 ng

RT: 2.75 min Scan# 102

Delta R.T. -0.01 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

Instrument :

BNA_F

ClientSampleId :

A-2(8-15)

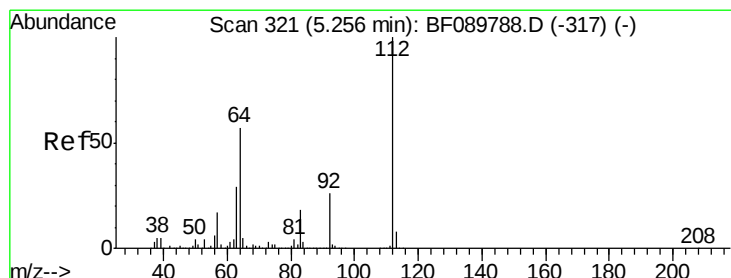
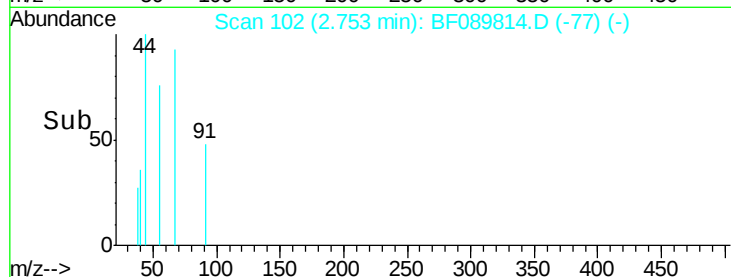
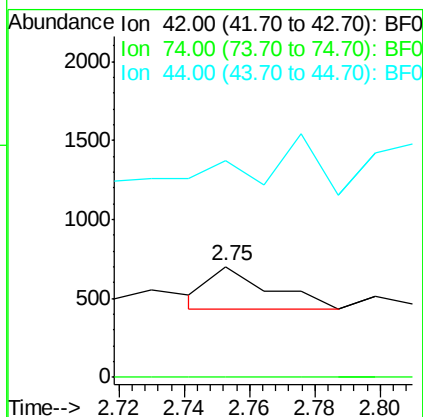
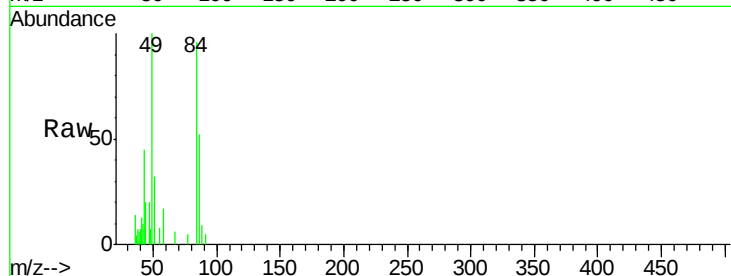
Tgt Ion: 42 Resp: 346

Ion Ratio Lower Upper

42 100

74 0.0 106.2 159.2#

44 195.4 6.9 10.3#



#5

2-Fluorophenol

Concen: 134.86 ng

RT: 5.28 min Scan# 323

Delta R.T. 0.02 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

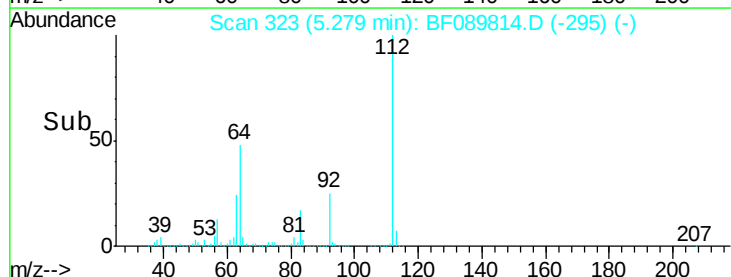
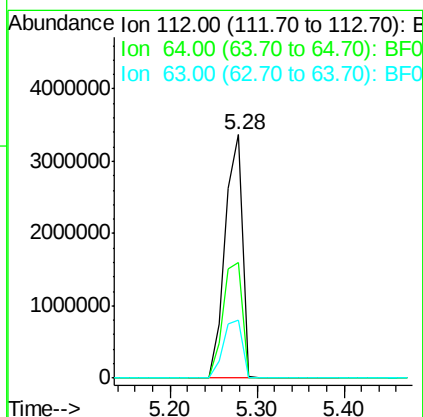
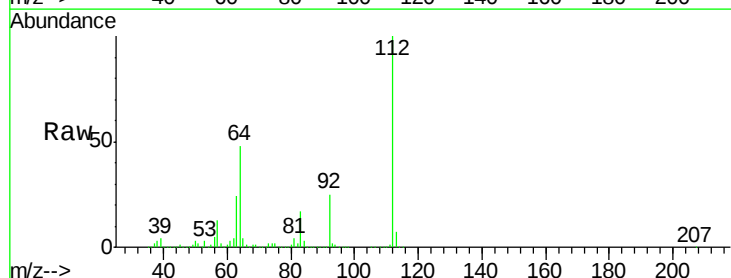
Tgt Ion: 112 Resp: 4654457

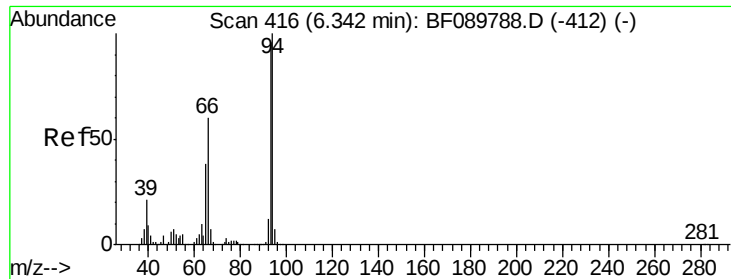
Ion Ratio Lower Upper

112 100

64 47.5 45.0 67.4

63 24.0 23.1 34.7





#6

Aniline

Concen: 0.06 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

Instrument :

BNA_F

ClientSampled :

A-2(8-15)

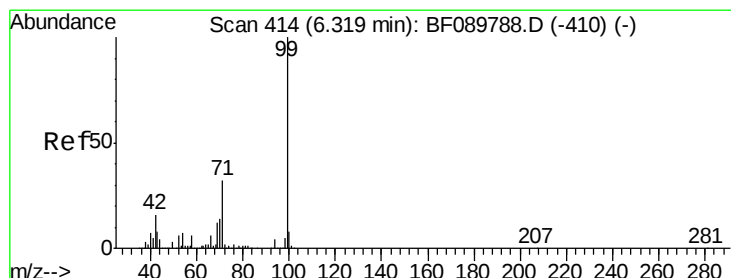
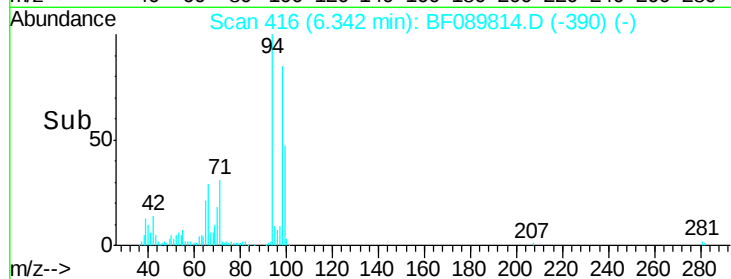
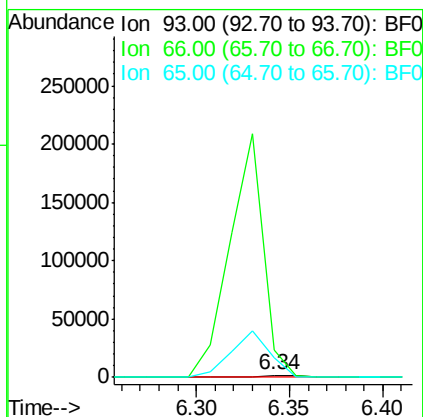
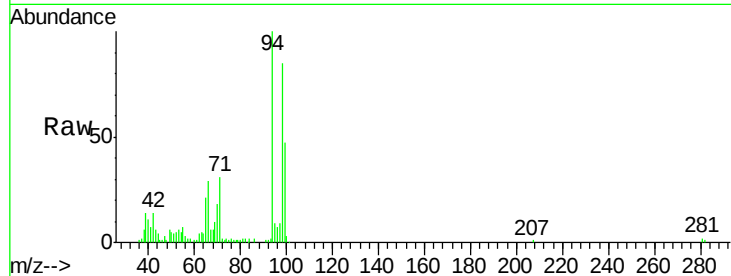
Tgt Ion: 93 Resp: 3392

Ion Ratio Lower Upper

93 100

66 1264.1 30.6 46.0#

65 929.2 15.4 23.2#



#7

Phenol-d6

Concen: 125.38 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.01 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

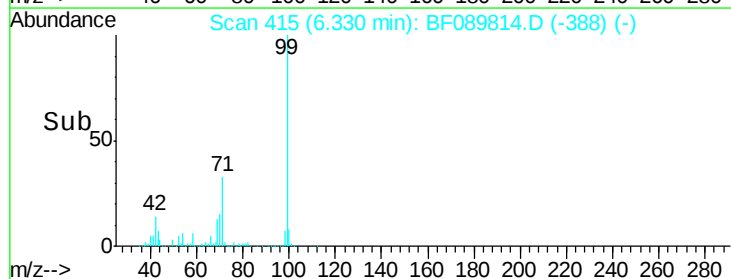
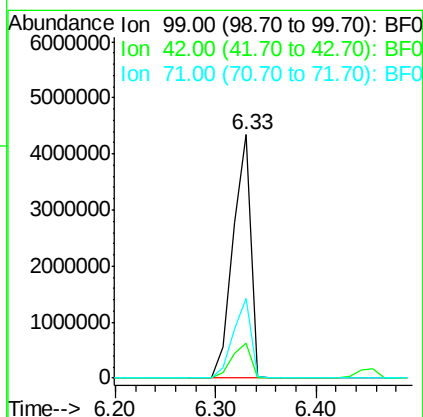
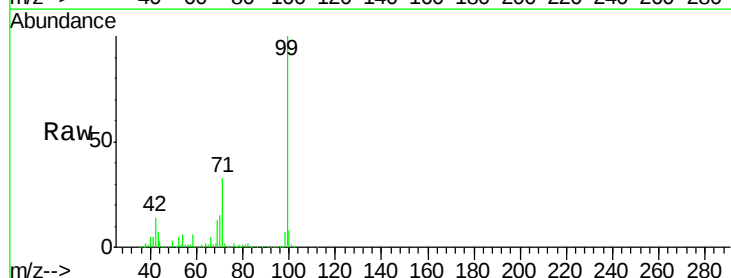
Tgt Ion: 99 Resp: 5312010

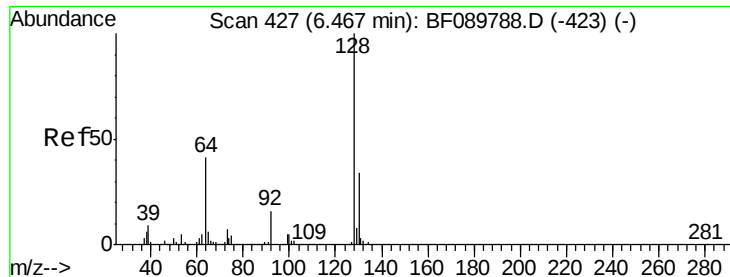
Ion Ratio Lower Upper

99 100

42 14.3 12.2 18.4

71 32.9 23.8 35.8





#8

2-Chlorophenol

Concen: 0.08 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

Instrument :

BNA_F

ClientSampleId :

A-2(8-15)

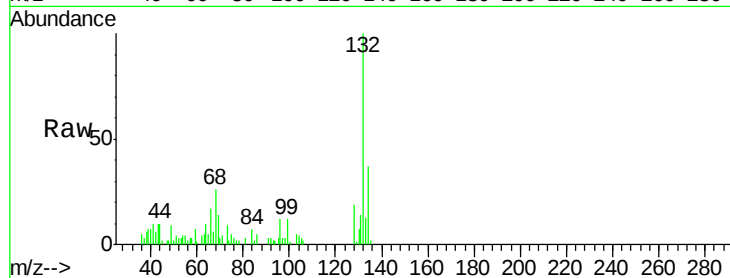
Tgt Ion:128 Resp: 3264

Ion Ratio Lower Upper

128 100

130 36.4 12.0 52.0

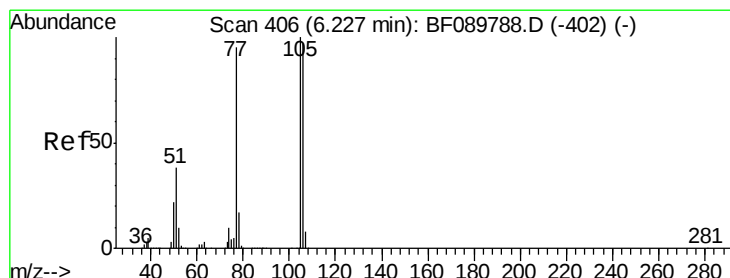
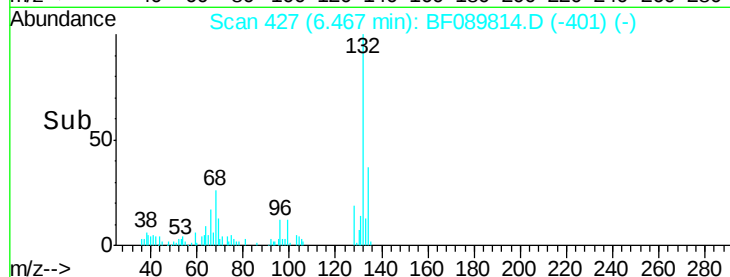
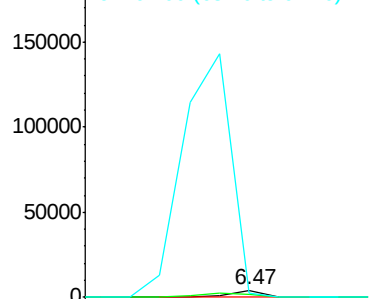
64 54.5 35.1 75.1



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



#9

Benzaldehyde

Concen: 3.63 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.23 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

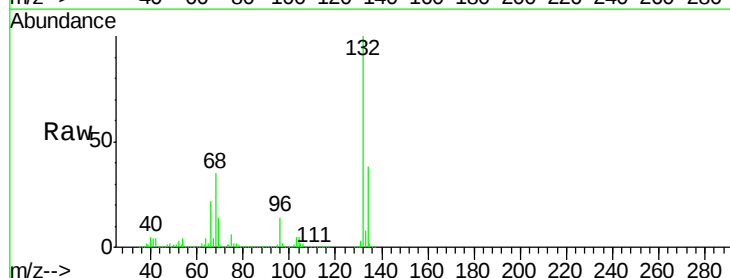
Tgt Ion: 77 Resp: 100165

Ion Ratio Lower Upper

77 100

105 89.0 73.3 113.3

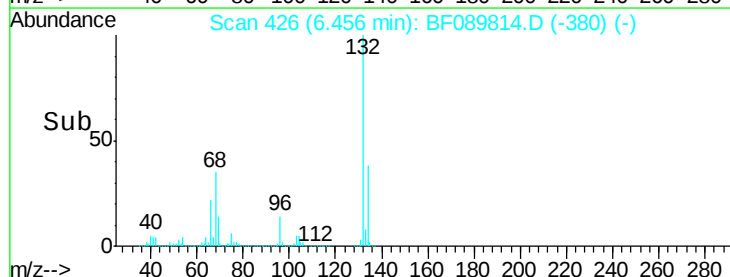
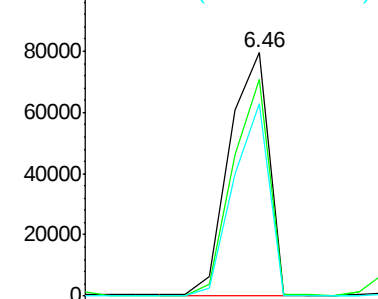
106 79.0 68.6 108.6

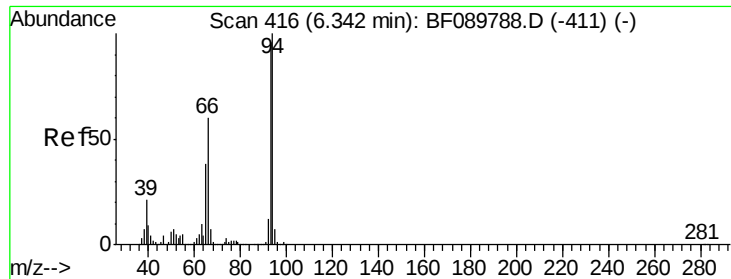


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 1.34 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

Instrument :

BNA_F

ClientSampled :

A-2(8-15)

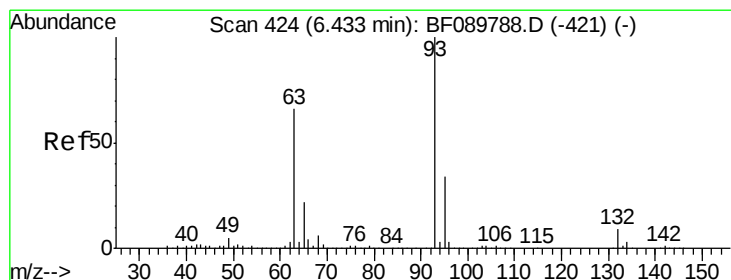
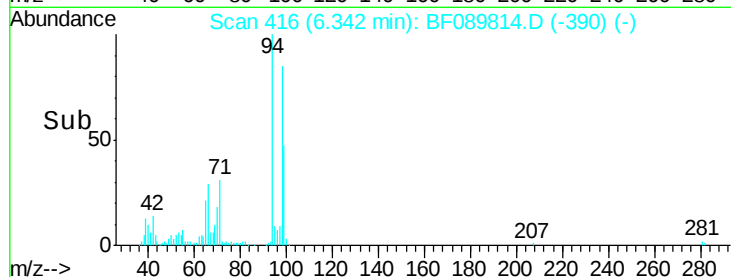
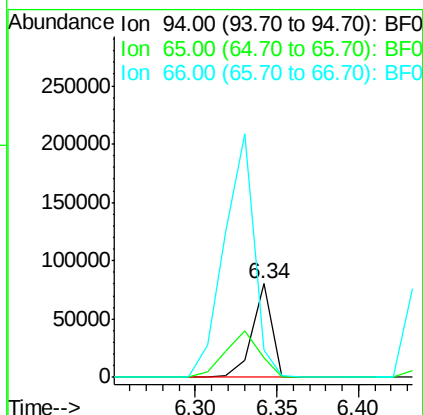
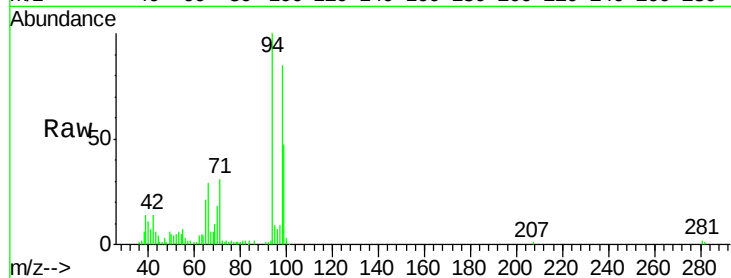
Tgt Ion: 94 Resp: 66601

Ion Ratio Lower Upper

94 100

65 21.1 14.0 54.0

66 28.8 31.2 71.2#



#11

bis(2-Chloroethyl)ether

Concen: 0.18 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.02 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

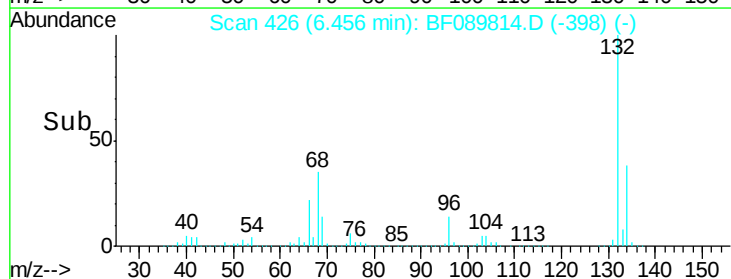
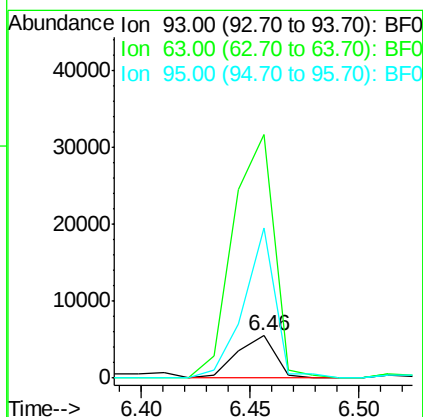
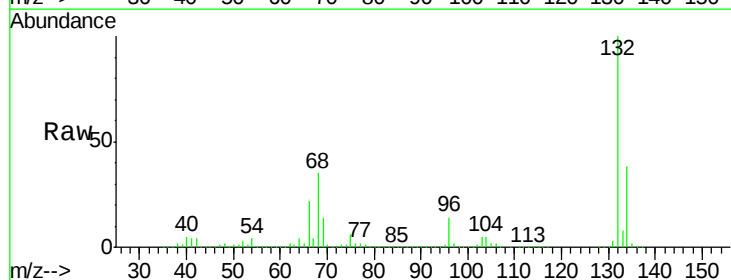
Tgt Ion: 93 Resp: 6774

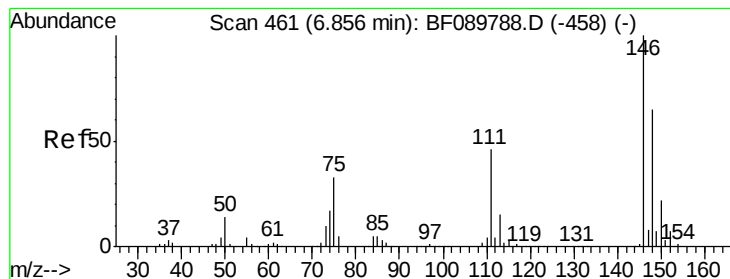
Ion Ratio Lower Upper

93 100

63 573.3 55.8 95.8#

95 354.1 13.0 53.0#





#12

1,3-Dichlorobenzene

Concen: 0.01 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.22 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

Instrument :

BNA_F

ClientSampleId :

A-2(8-15)

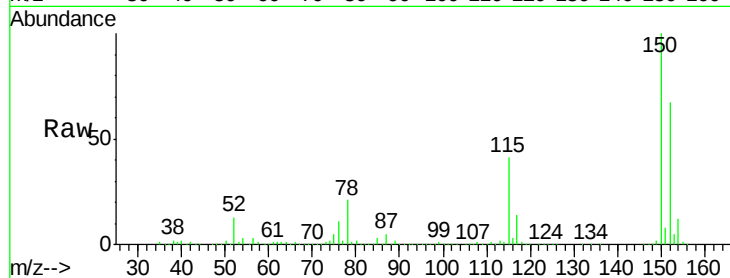
Tgt Ion:146 Resp: 253

Ion Ratio Lower Upper

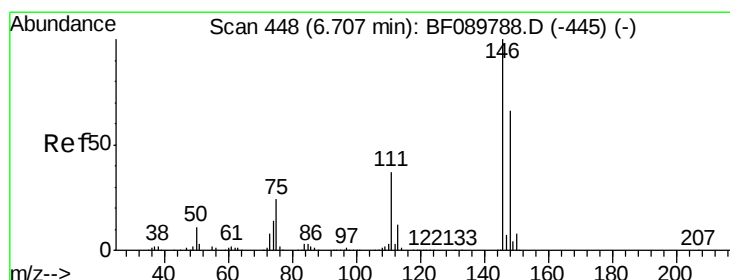
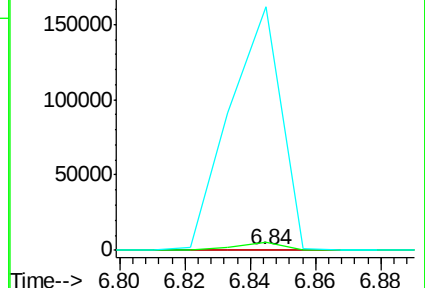
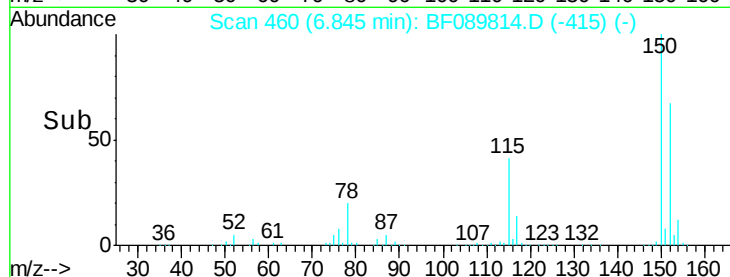
146 100

148 1507.9 51.0 76.4#

75 43794.0 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): BF0



#13

1,4-Dichlorobenzene

Concen: 0.01 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.14 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

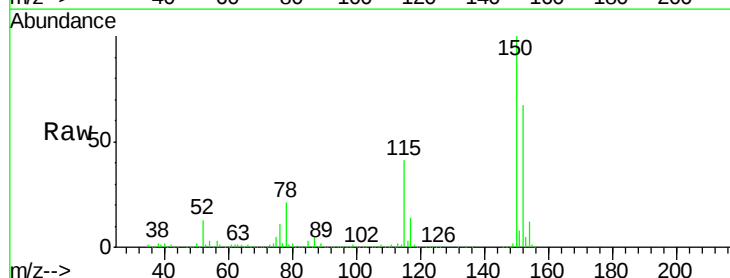
Tgt Ion:146 Resp: 253

Ion Ratio Lower Upper

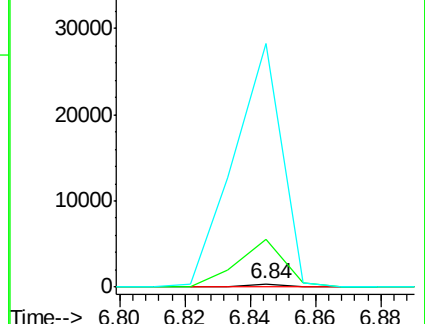
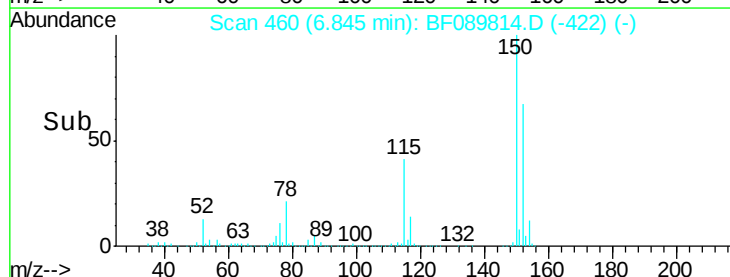
146 100

148 1507.9 51.0 76.6#

111 7653.1 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: 0.01 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

Instrument :

BNA_F

ClientSampleId :

A-2(8-15)

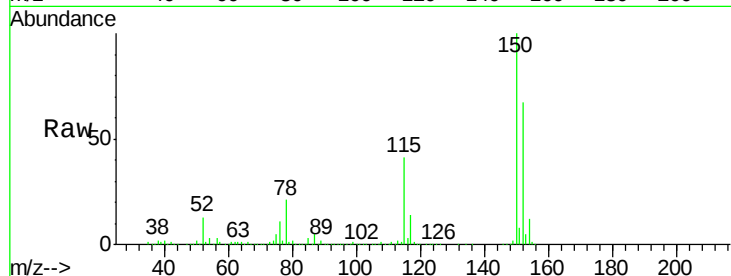
Tgt Ion:146 Resp: 253

Ion Ratio Lower Upper

146 100

148 1507.9 52.2 78.2#

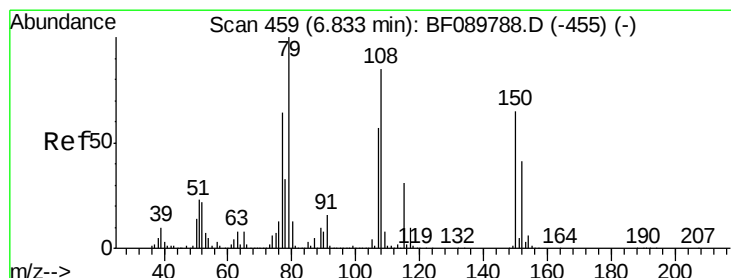
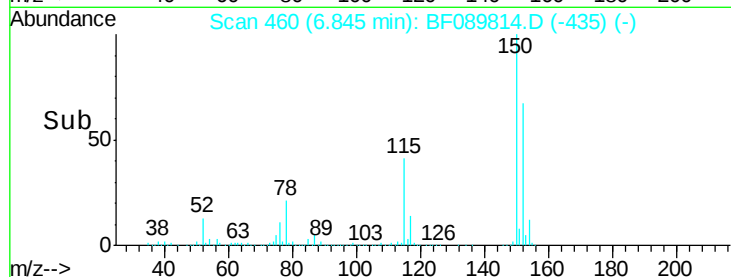
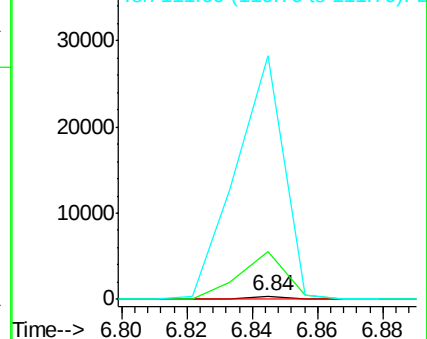
111 7653.1 29.8 44.6#



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: 2.20 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.01 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

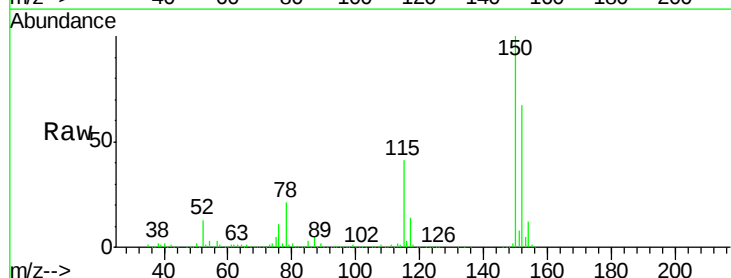
Tgt Ion: 79 Resp: 61919

Ion Ratio Lower Upper

79 100

108 37.9 62.5 93.7#

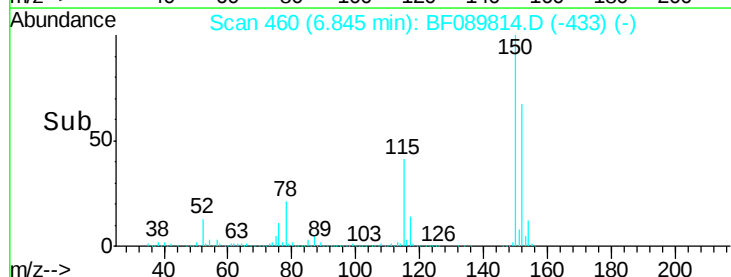
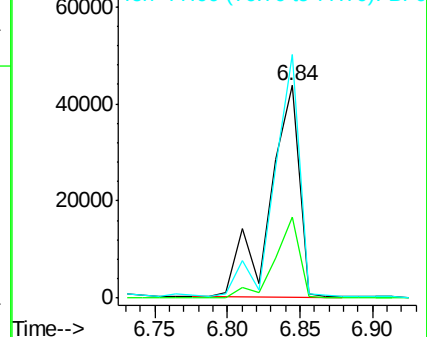
77 114.4 51.5 77.3#

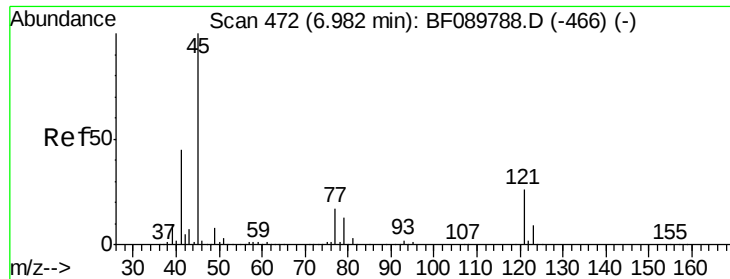


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

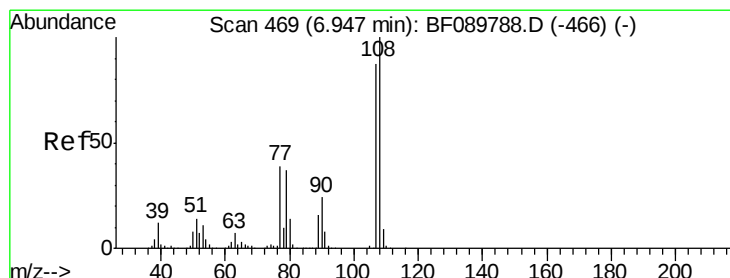
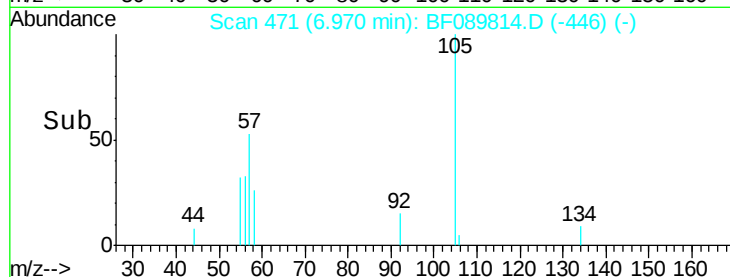
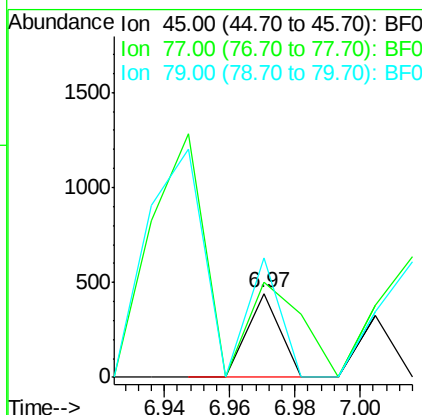
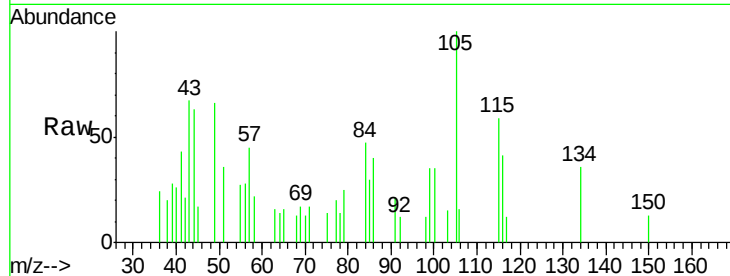




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.01 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF089814.D
Acq: 19 Aug 2016 23:33

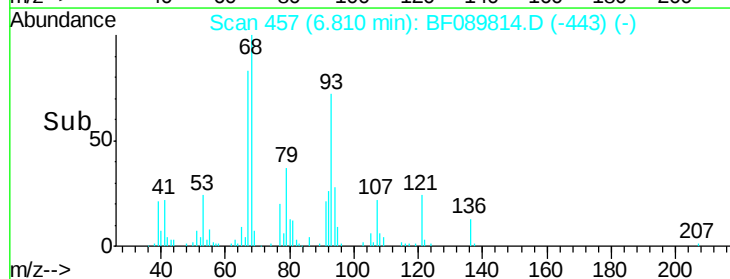
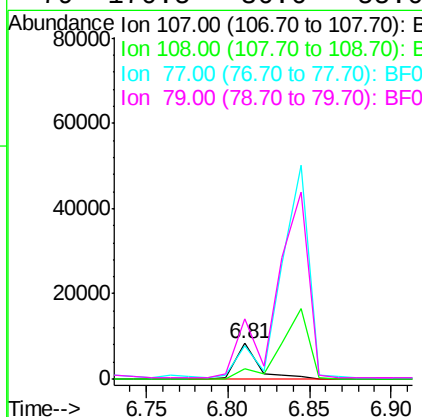
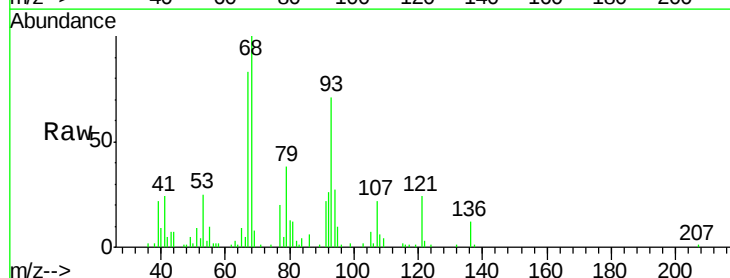
Instrument :
BNA_F
ClientSampleId :
A-2(8-15)

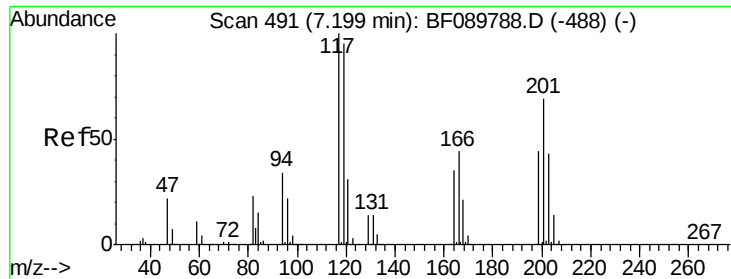
Tgt Ion: 45 Resp: 303
Ion Ratio Lower Upper
45 100
77 113.8 0.0 33.5#
79 143.3 0.0 30.7#



#17
2-Methylphenol
Concen: 0.24 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.14 min
Lab File: BF089814.D
Acq: 19 Aug 2016 23:33

Tgt Ion: 107 Resp: 7875
Ion Ratio Lower Upper
107 100
108 27.2 91.0 136.4#
77 92.3 37.4 56.0#
79 170.5 36.6 55.0#





#18

Hexachloroethane

Concen: 0.37 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.07 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

Instrument :

BNA_F

ClientSampleId :

A-2(8-15)

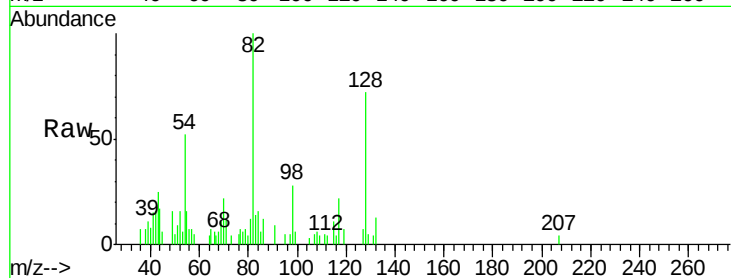
Tgt Ion: 117 Resp: 5814

Ion Ratio Lower Upper

117 100

119 32.7 77.1 115.7#

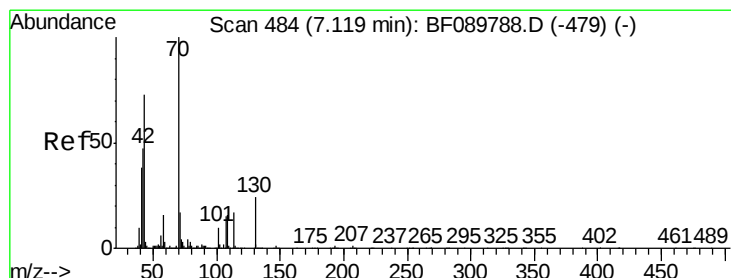
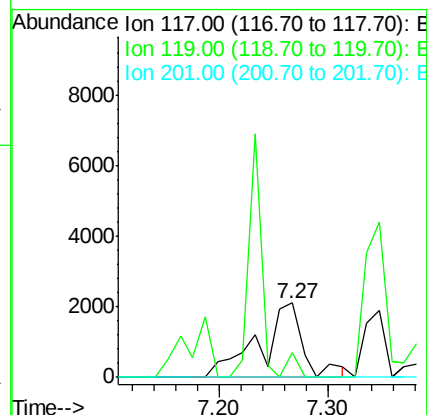
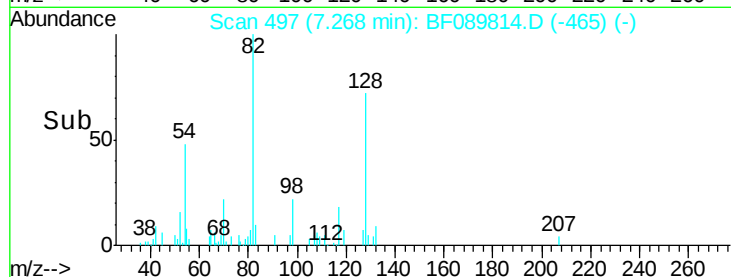
201 0.0 76.9 115.3#



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: 16.46 ng

RT: 7.26 min Scan# 496

Delta R.T. 0.14 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

Tgt Ion: 70 Resp: 446057

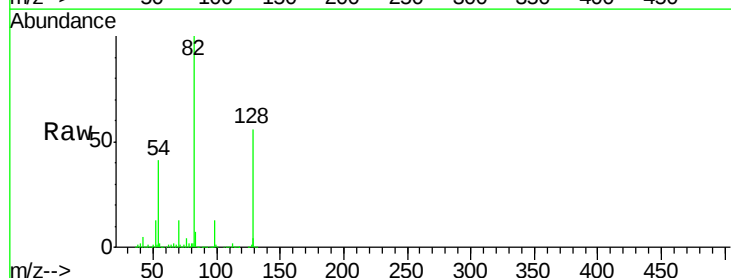
Ion Ratio Lower Upper

70 100

42 35.9 46.3 69.5#

101 0.0 7.0 10.6#

130 2.8 14.4 21.6#

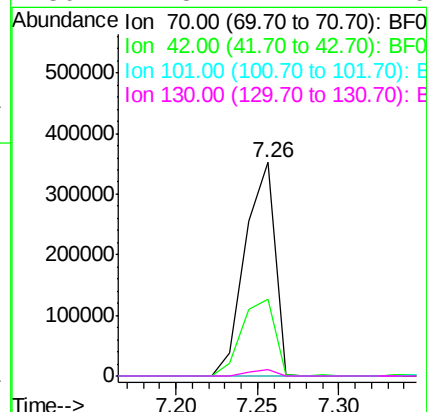
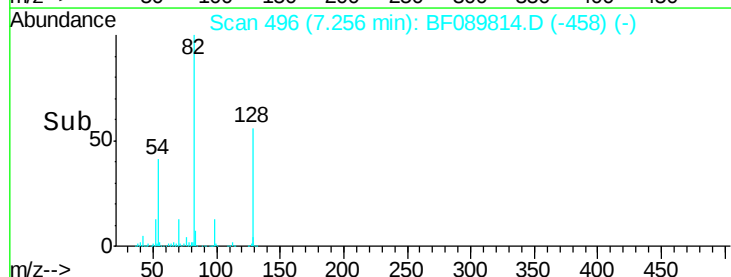


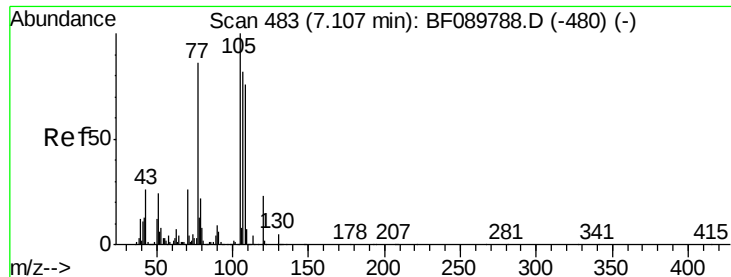
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 4.79 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

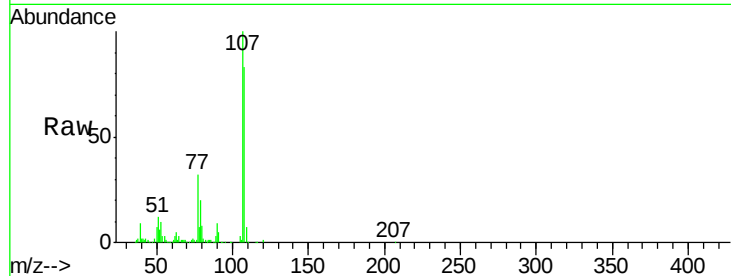
Instrument :

BNA_F

ClientSampleId :

A-2(8-15)

Tgt Ion:	107	Resp:	190041
Ion Ratio	Lower	Upper	
107	100		
108	83.3	68.2	108.2
77	31.7	122.3	162.3#
79	20.0	8.2	48.2



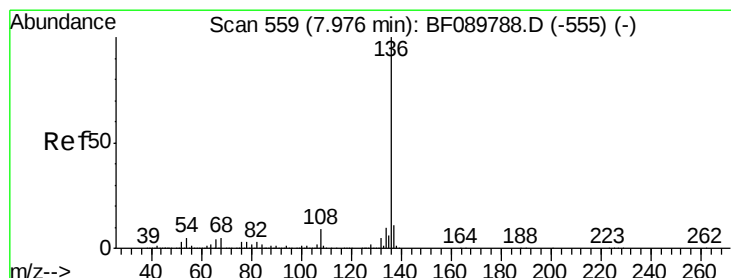
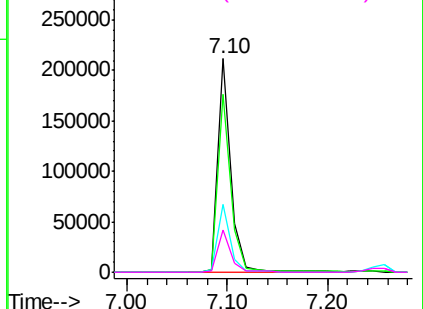
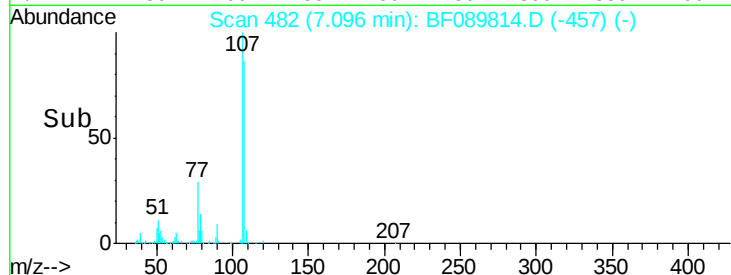
Abundance

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



#21

Naphthalene-d8

Concen: 20.00 ng

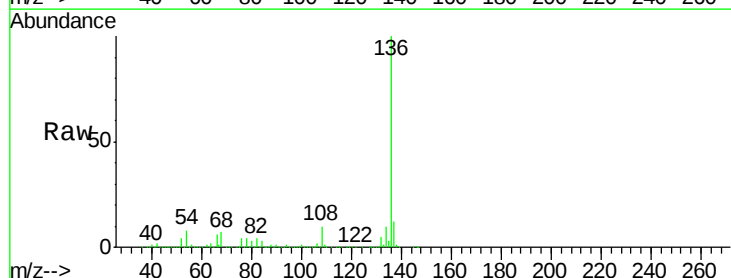
RT: 7.96 min Scan# 558

Delta R.T. -0.01 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

Tgt Ion:	136	Resp:	1993514
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.2	13.8
54	8.2	7.2	10.8
68	7.3	5.8	8.8



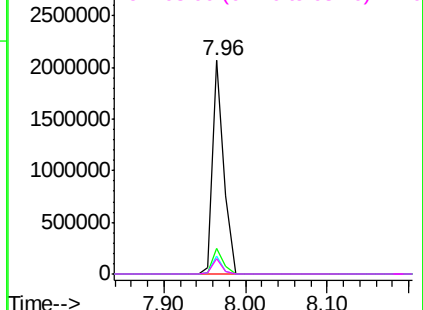
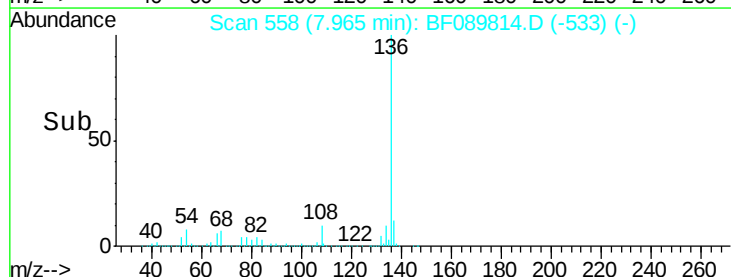
Abundance

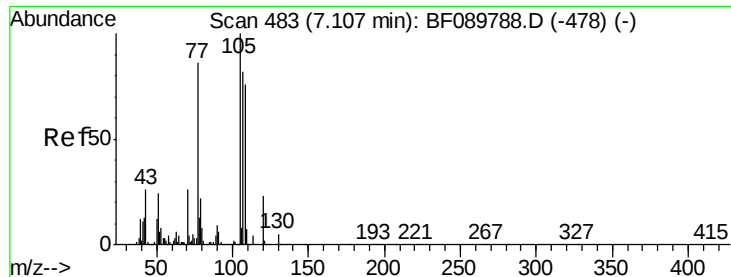
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 0.16 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

Instrument :

BNA_F

ClientSampleId :

A-2(8-15)

Tgt Ion: 105 Resp: 7215

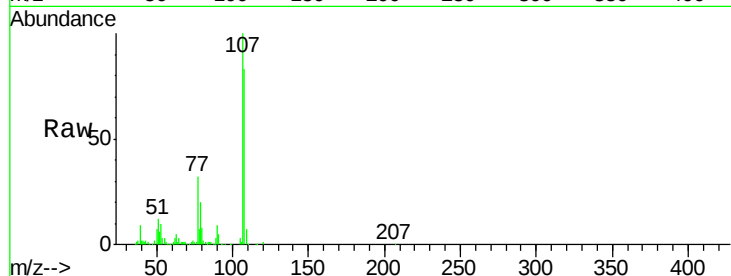
Ion Ratio Lower Upper

105 100

71 8.8 1.9 2.9#

51 376.6 28.5 42.7#

120 16.2 16.6 25.0#

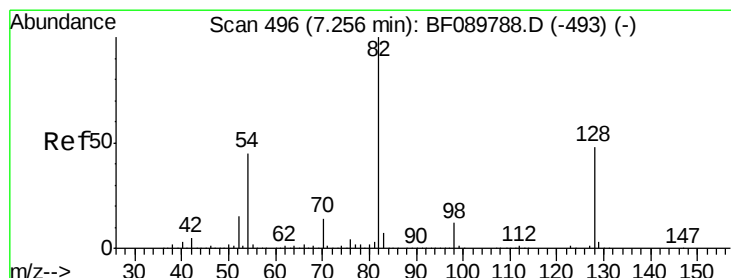
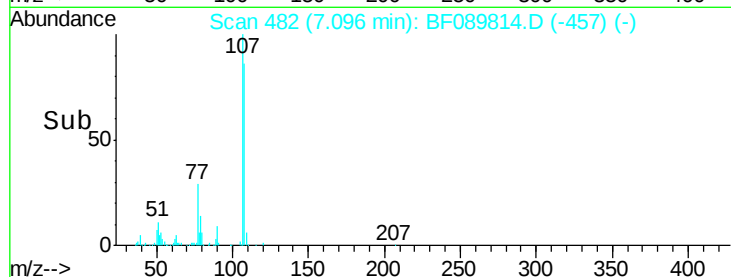
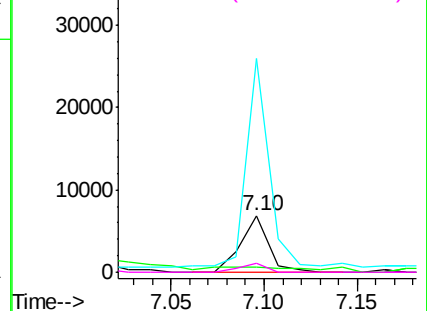


Abundance Ion 105.00 (104.70 to 105.70): E

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: 103.80 ng

RT: 7.26 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

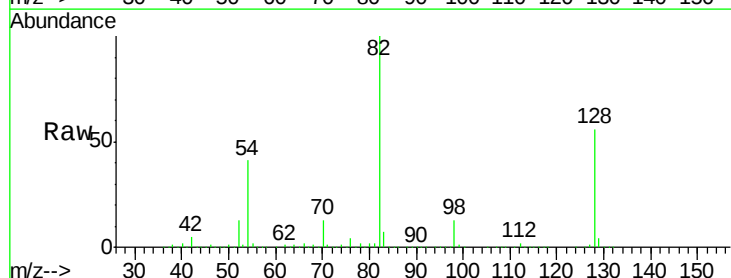
Tgt Ion: 82 Resp: 3330709

Ion Ratio Lower Upper

82 100

128 56.1 34.4 51.6#

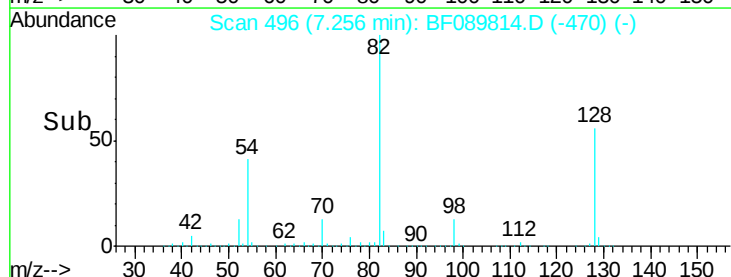
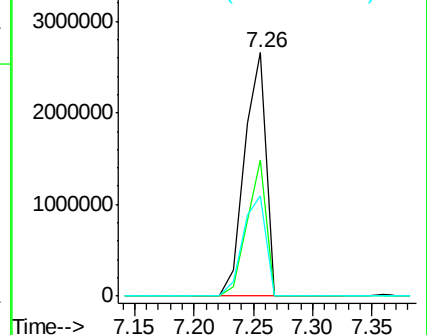
54 40.9 40.3 60.5

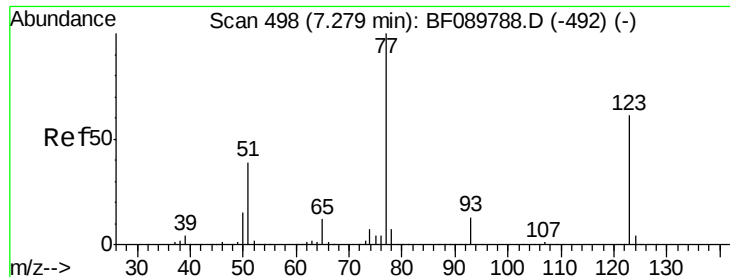


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 0.29 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

Instrument :

BNA_F

ClientSampleId :

A-2(8-15)

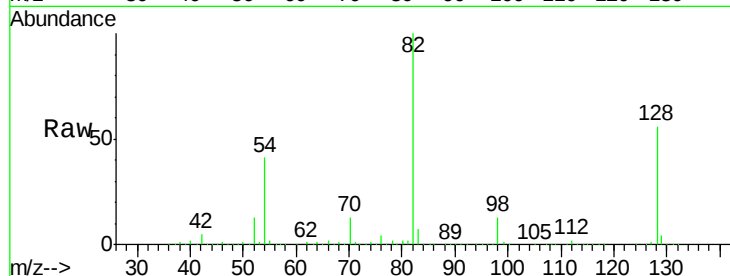
Tgt Ion: 77 Resp: 10328

Ion Ratio Lower Upper

77 100

123 0.0 36.2 54.2#

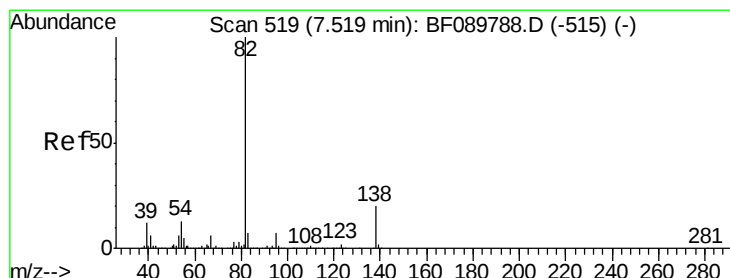
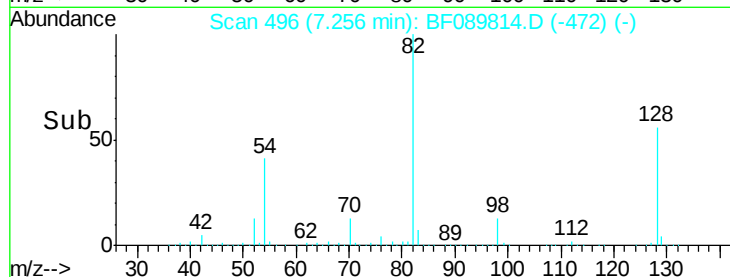
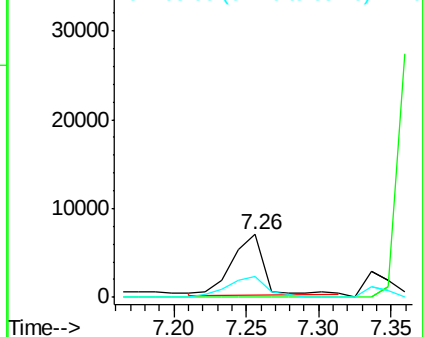
65 32.6 10.6 15.8#



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: 48.29 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.26 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

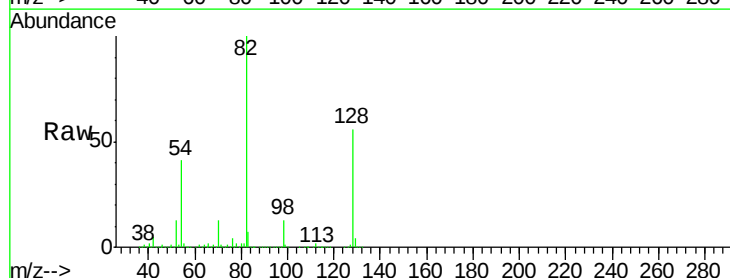
Tgt Ion: 82 Resp: 3124975

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

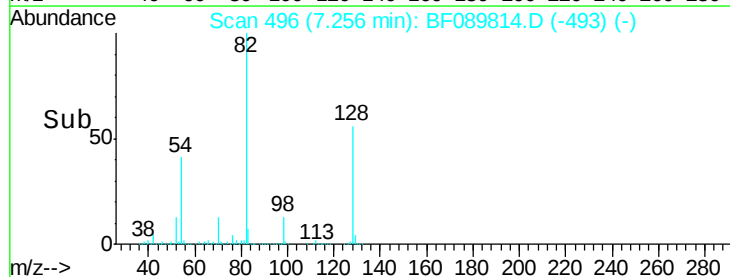
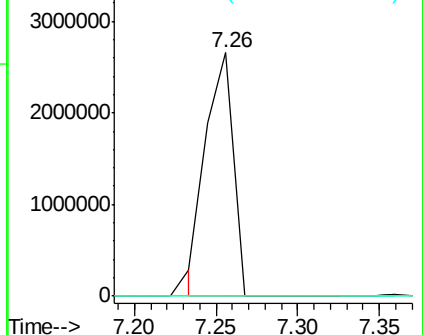
138 0.0 13.0 19.4#

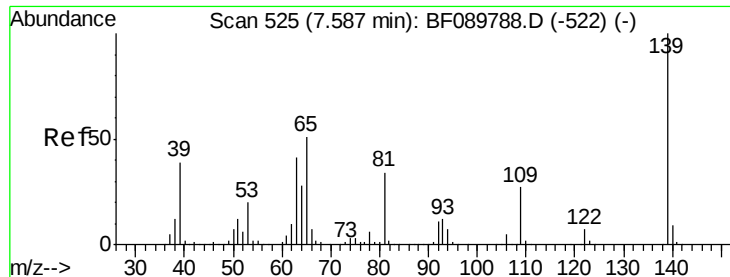


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

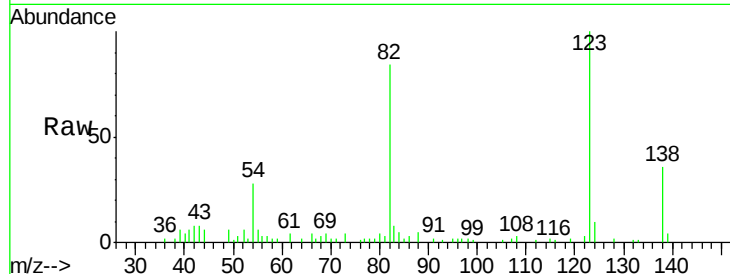




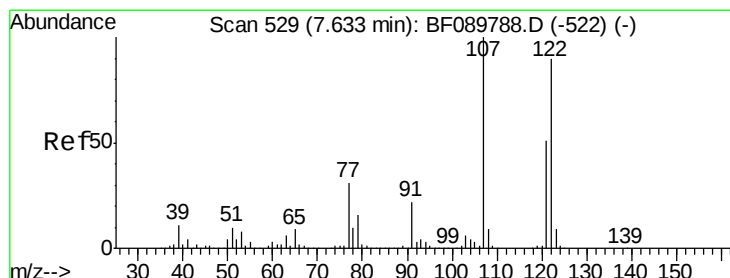
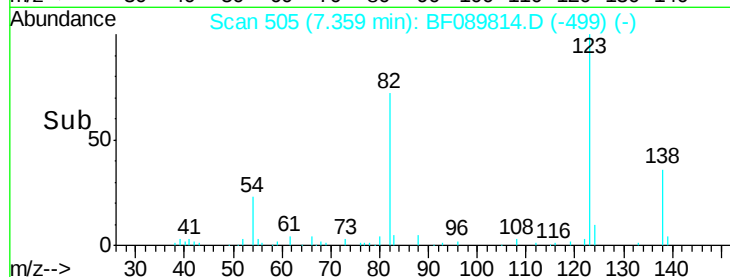
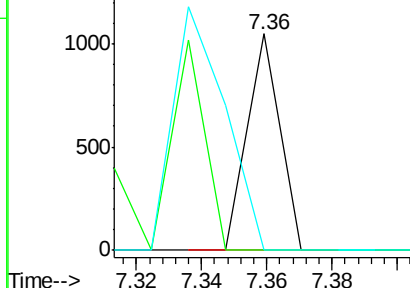
#26
2-Nitrophenol
Concen: 0.04 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.23 min
Lab File: BF089814.D
Acq: 19 Aug 2016 23:33

Instrument :
BNA_F
ClientSampleId :
A-2(8-15)

Tgt Ion:139 Resp: 718
Ion Ratio Lower Upper
139 100
109 0.0 19.5 29.3#
65 0.0 26.5 39.7#

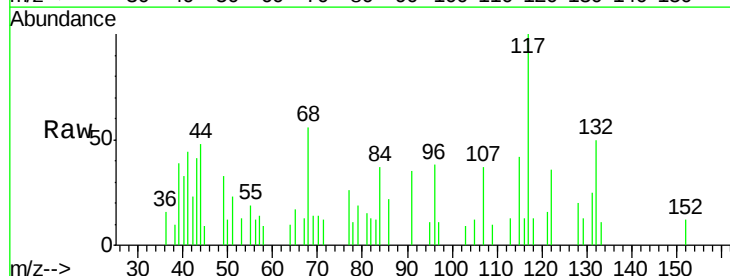


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

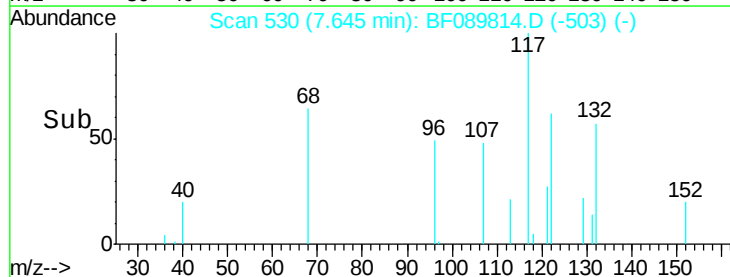
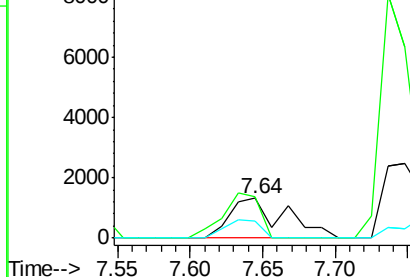


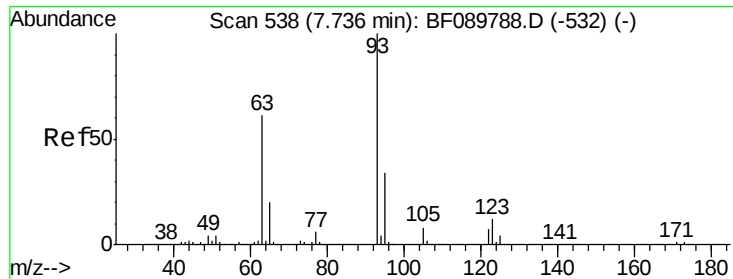
#27
2,4-Dimethylphenol
Concen: 0.11 ng
RT: 7.64 min Scan# 530
Delta R.T. 0.01 min
Lab File: BF089814.D
Acq: 19 Aug 2016 23:33

Tgt Ion:122 Resp: 3485
Ion Ratio Lower Upper
122 100
107 102.9 84.8 127.2
121 44.1 47.0 70.6#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

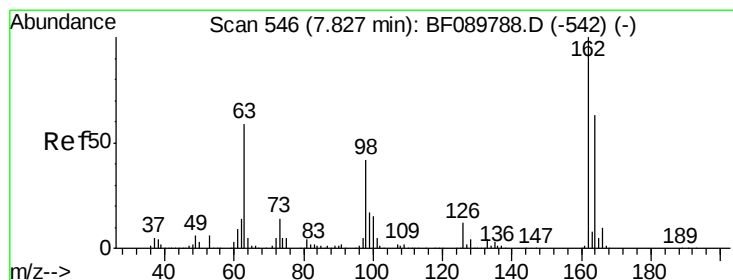
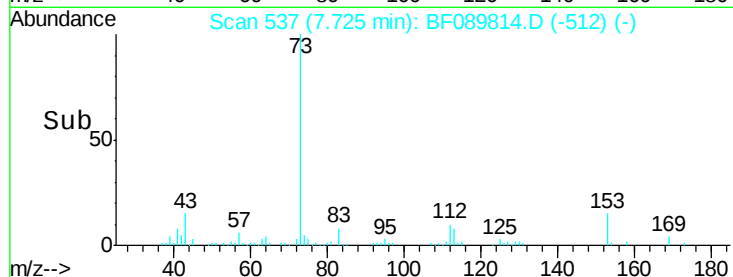
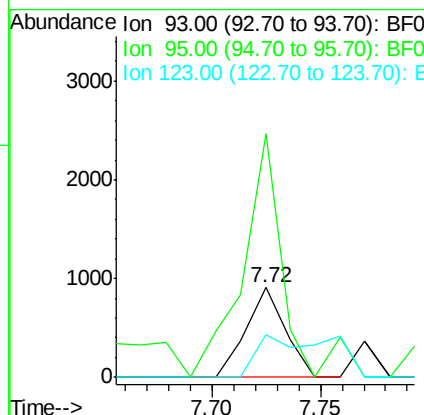
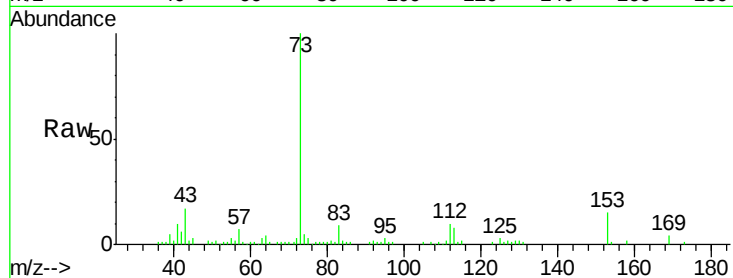




#28
bis(2-Chloroethoxy)methane
Concen: 0.03 ng
RT: 7.72 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF089814.D
Acq: 19 Aug 2016 23:33

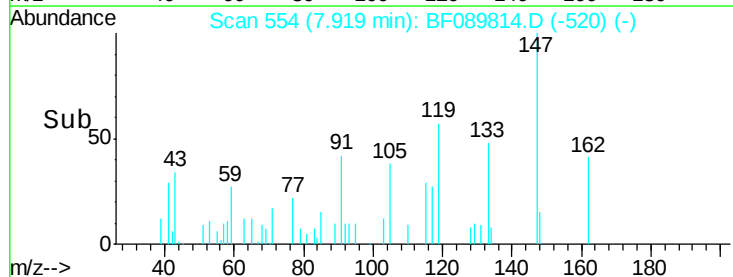
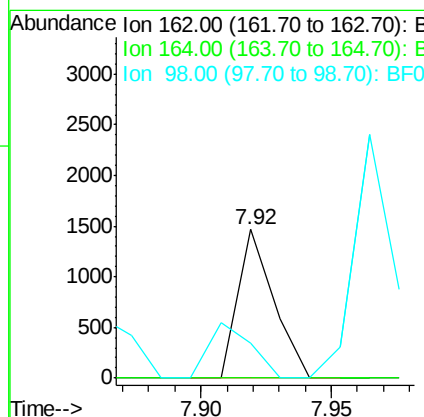
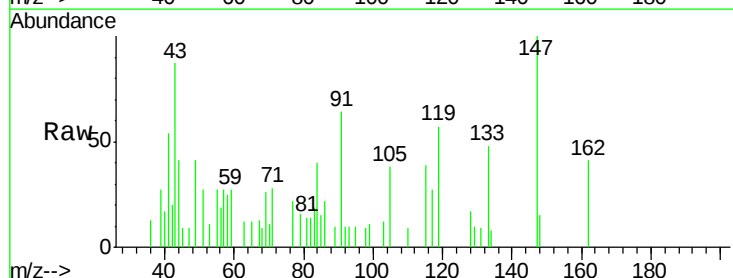
Instrument :
BNA_F
ClientSampleId :
A-2(8-15)

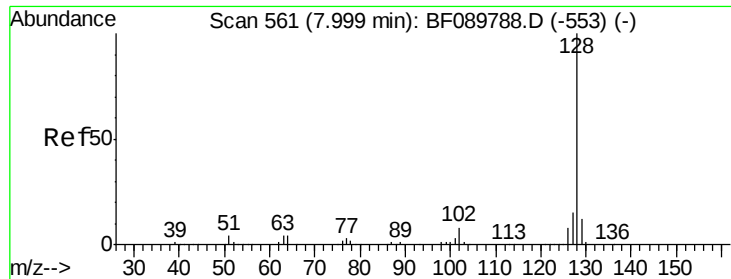
Tgt Ion: 93 Resp: 1138
Ion Ratio Lower Upper
93 100
95 271.7 25.5 38.3#
123 47.1 8.5 12.7#



#29
2,4-Dichlorophenol
Concen: 0.05 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.09 min
Lab File: BF089814.D
Acq: 19 Aug 2016 23:33

Tgt Ion: 162 Resp: 1408
Ion Ratio Lower Upper
162 100
164 0.0 45.5 85.5#
98 23.1 12.4 52.4

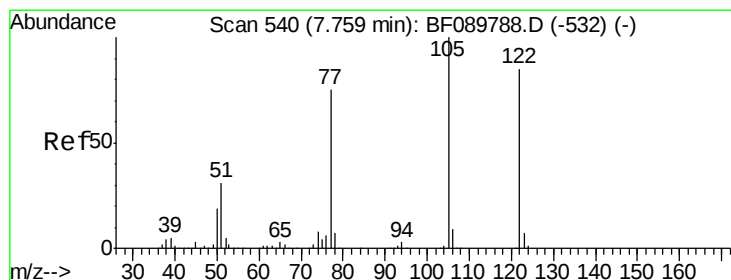
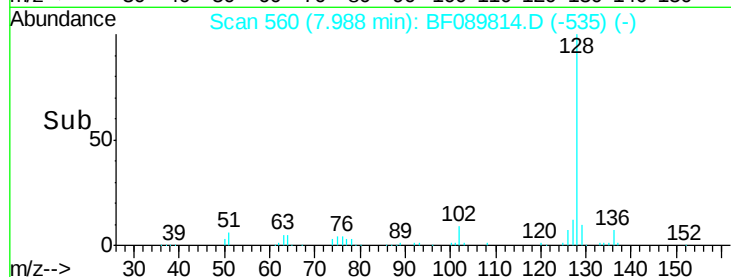
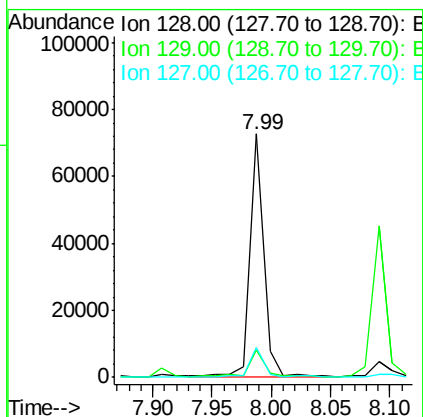
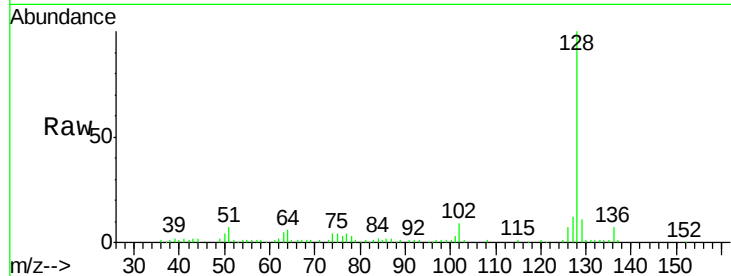




#31
Naphthalene
Concen: 0.65 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF089814.D
Acq: 19 Aug 2016 23:33

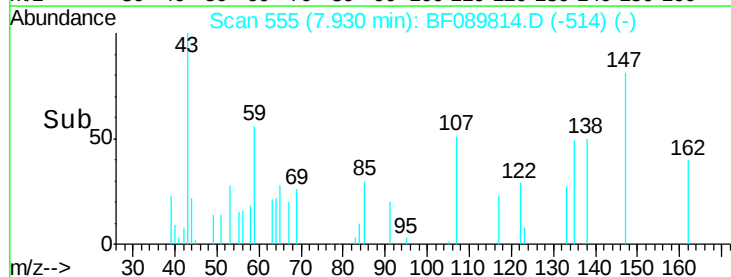
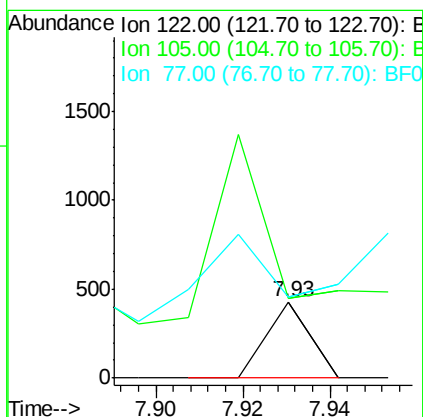
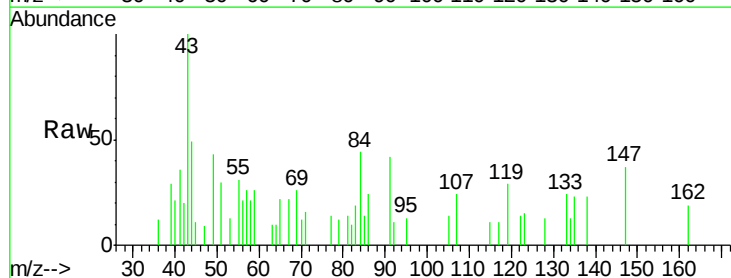
Instrument :
BNA_F
ClientSampleId :
A-2(8-15)

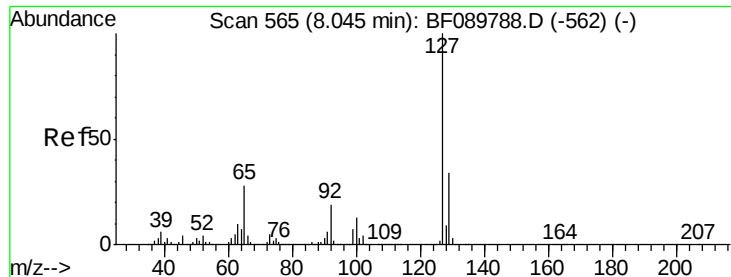
Tgt Ion:128 Resp: 60182
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 12.1 11.3 16.9



#32
Benzoic acid
Concen: 0.01 ng
RT: 7.93 min Scan# 555
Delta R.T. 0.17 min
Lab File: BF089814.D
Acq: 19 Aug 2016 23:33

Tgt Ion:122 Resp: 295
Ion Ratio Lower Upper
122 100
105 104.7 100.8 140.8
77 106.0 72.1 112.1

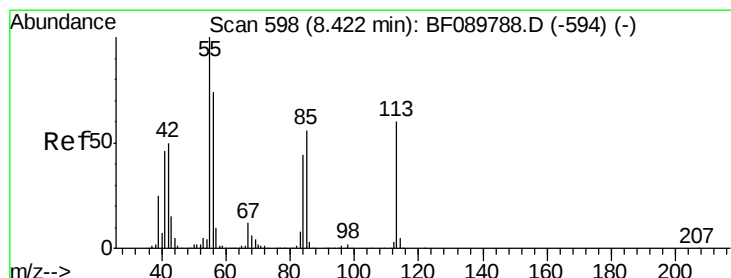
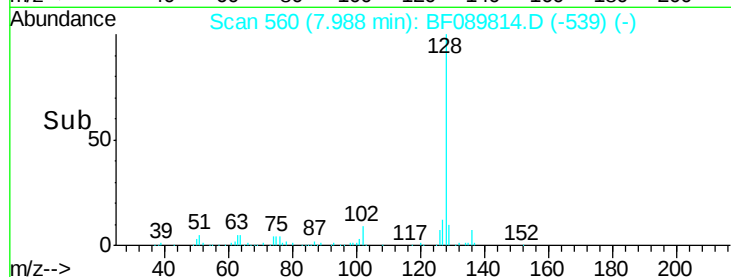
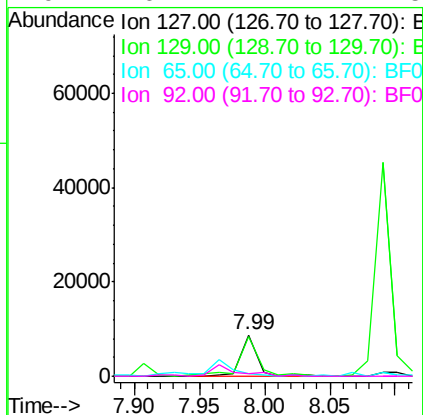
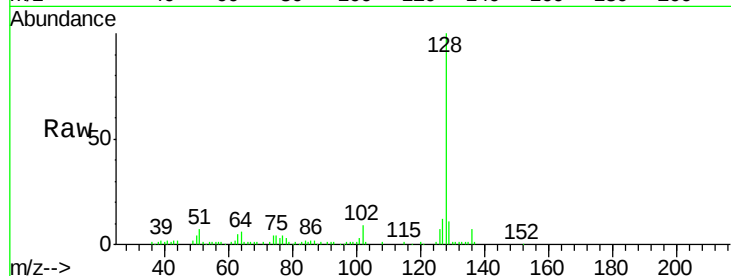




#33
 4-Chloroaniline
 Concen: 0.19 ng
 RT: 7.99 min Scan# 560
 Delta R.T. -0.06 min
 Lab File: BF089814.D
 Acq: 19 Aug 2016 23:33

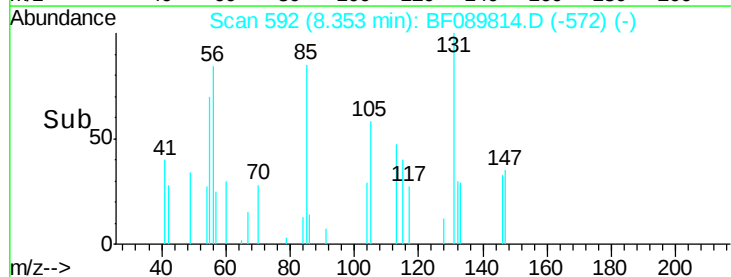
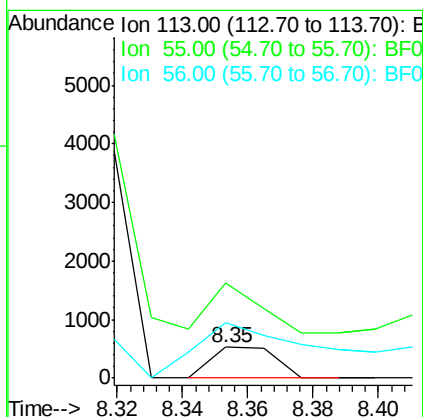
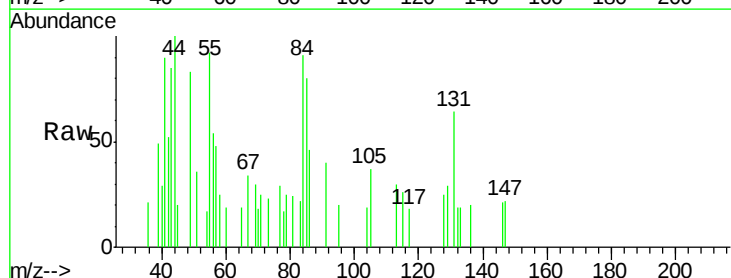
Instrument :
 BNA_F
 ClientSampleId :
 A-2(8-15)

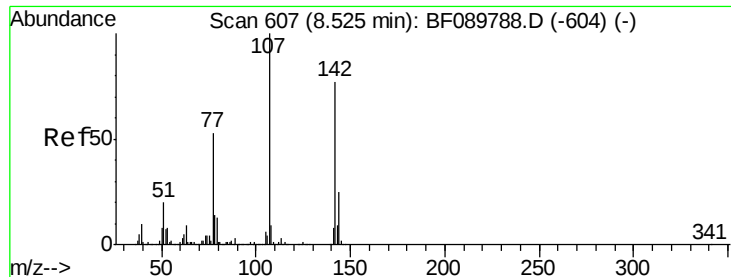
Tgt Ion:127 Resp: 7774
 Ion Ratio Lower Upper
 127 100
 129 94.8 27.0 40.6#
 65 7.4 14.7 22.1#
 92 6.4 11.7 17.5#



#35
 Caprolactam
 Concen: 0.09 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.07 min
 Lab File: BF089814.D
 Acq: 19 Aug 2016 23:33

Tgt Ion:113 Resp: 708
 Ion Ratio Lower Upper
 113 100
 55 306.6 135.9 175.9#
 56 178.6 93.9 133.9#

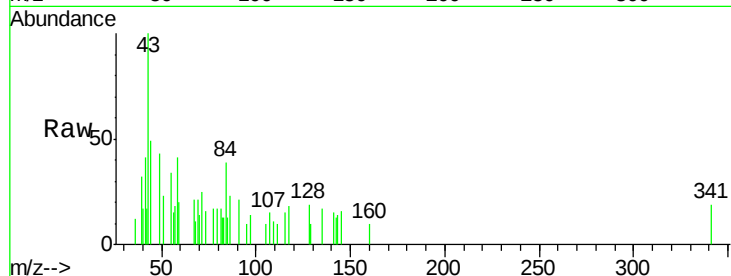




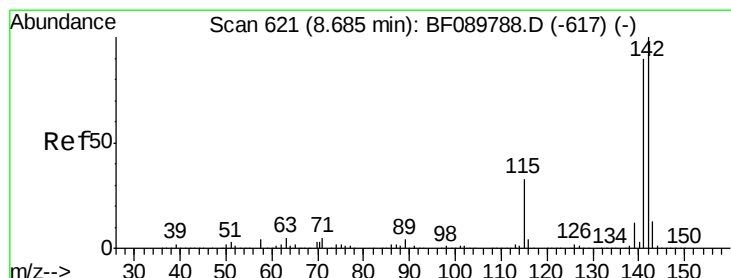
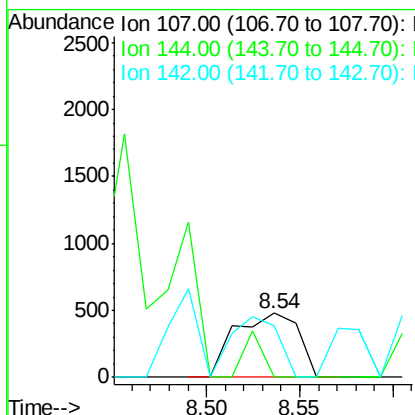
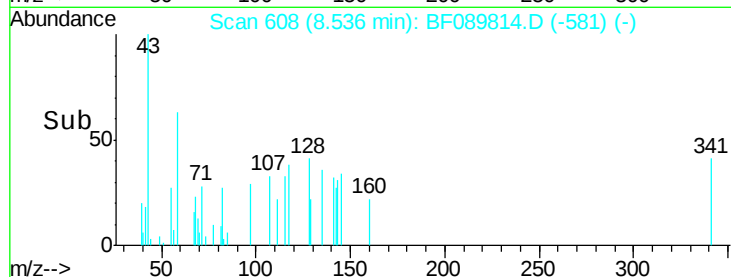
#36
 4-Chloro-3-methylphenol
 Concen: 0.04 ng
 RT: 8.54 min Scan# 608
 Delta R.T. 0.01 min
 Lab File: BF089814.D
 Acq: 19 Aug 2016 23:33

Instrument :
 BNA_F
 ClientSampled :
 A-2(8-15)

Tgt Ion:107 Resp: 1123
 Ion Ratio Lower Upper
 107 100
 144 0.0 22.6 34.0#
 142 81.2 69.3 103.9

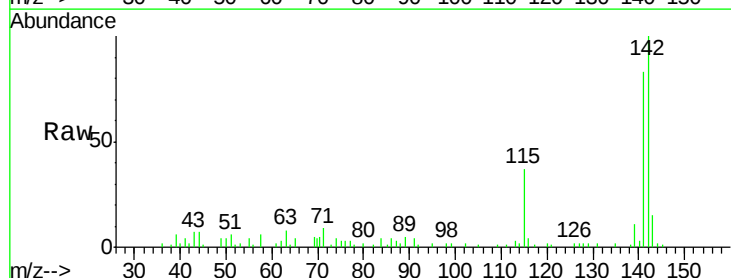


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

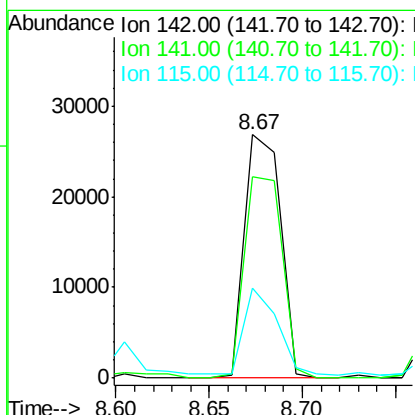
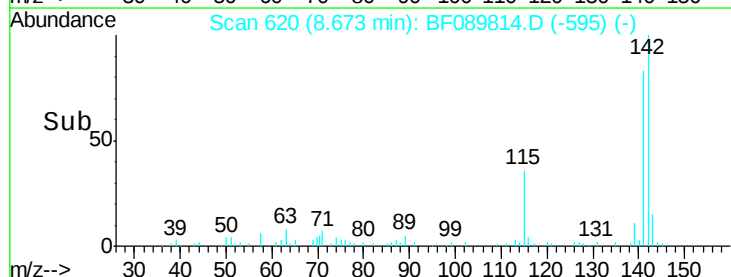


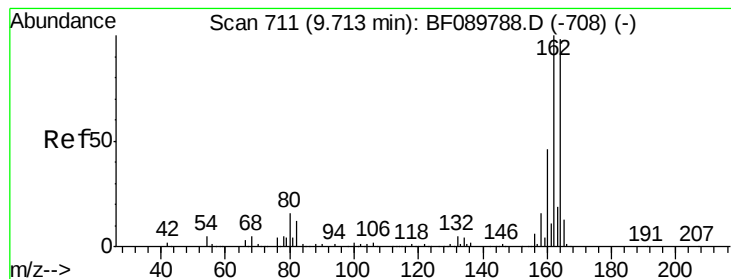
#37
 2-Methylnaphthalene
 Concen: 0.60 ng
 RT: 8.67 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF089814.D
 Acq: 19 Aug 2016 23:33

Tgt Ion:142 Resp: 36095
 Ion Ratio Lower Upper
 142 100
 141 82.8 71.4 107.2
 115 37.1 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: BF089814.D

Acq: 19 Aug 2016 23:33

Instrument :

BNA_F

ClientSampled :

A-2(8-15)

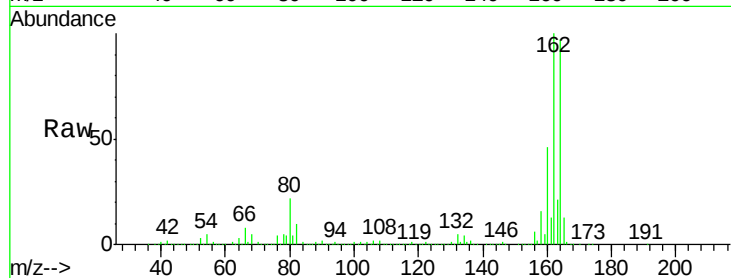
Tgt Ion:164 Resp: 899438

Ion Ratio Lower Upper

164 100

162 103.5 81.4 122.2

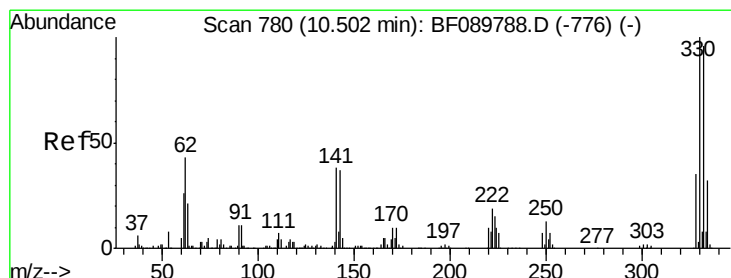
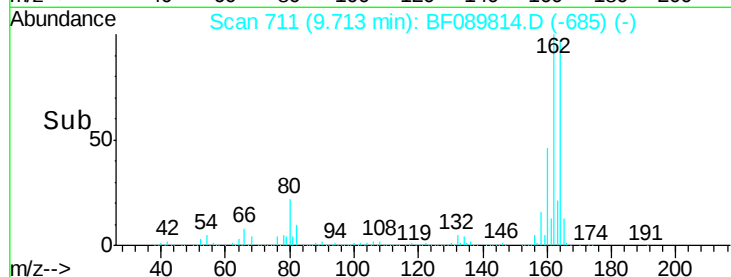
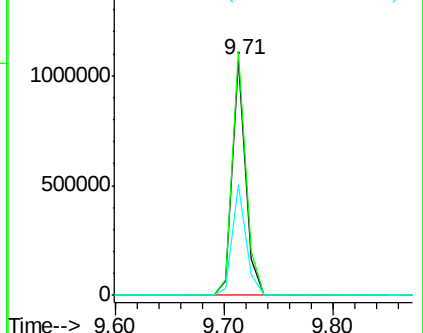
160 47.1 37.8 56.6



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: 106.04 ng

RT: 10.50 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

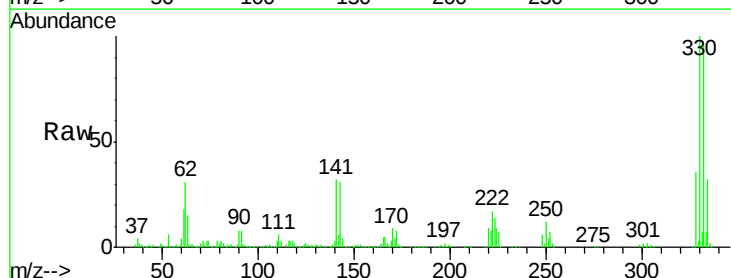
Tgt Ion:330 Resp: 906437

Ion Ratio Lower Upper

330 100

332 95.3 76.7 115.1

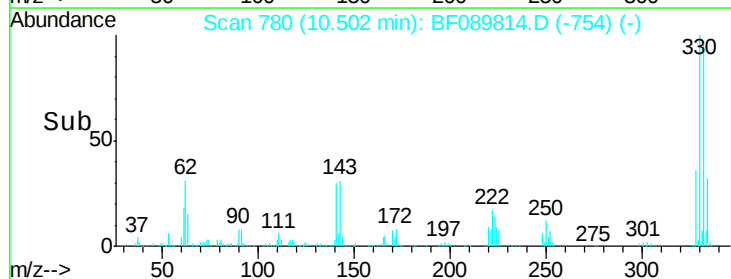
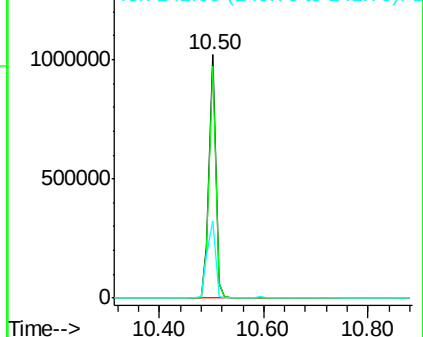
141 38.7 30.2 45.2

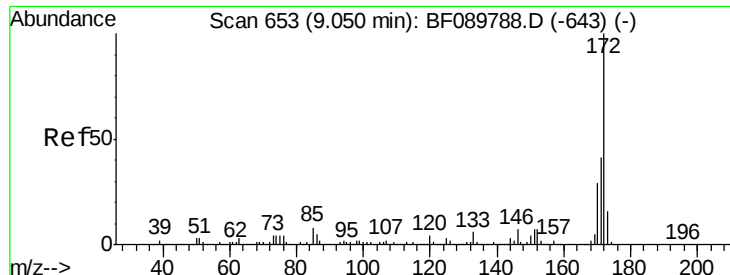


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

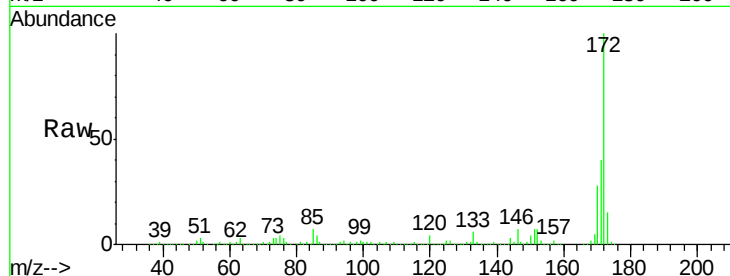




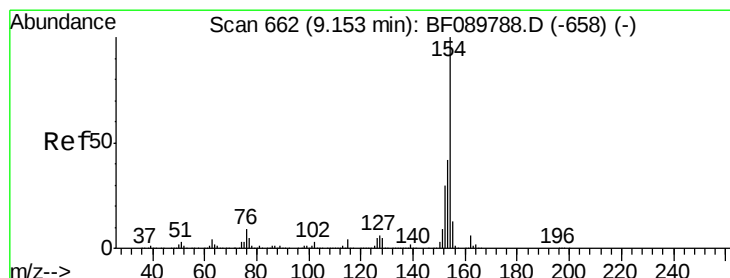
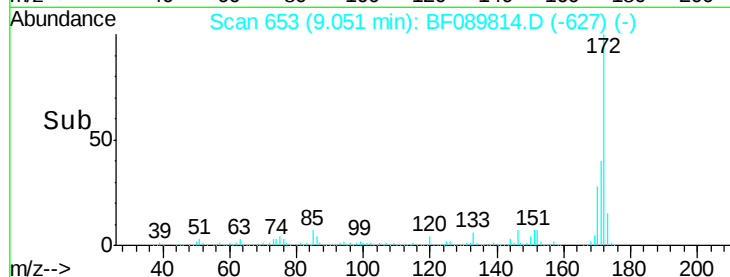
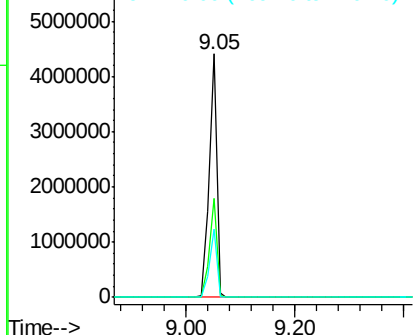
#44
 2-Fluorobiphenyl
 Concen: 81.82 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF089814.D
 Acq: 19 Aug 2016 23:33

Instrument :
 BNA_F
 ClientSampleId :
 A-2(8-15)

Tgt Ion:172 Resp: 4187131
 Ion Ratio Lower Upper
 172 100
 171 40.5 30.5 45.7
 170 28.2 20.6 31.0

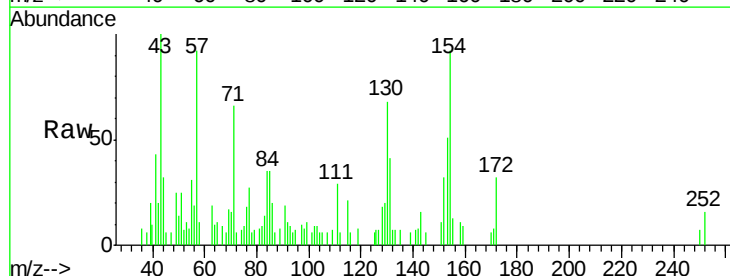


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

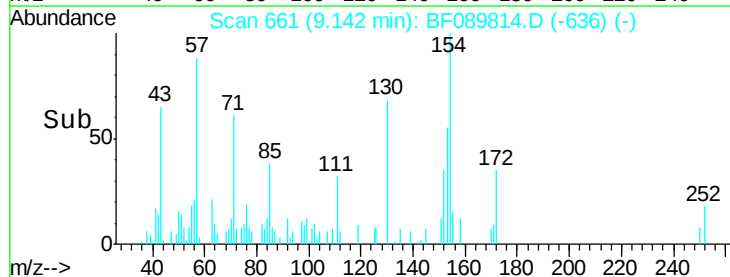
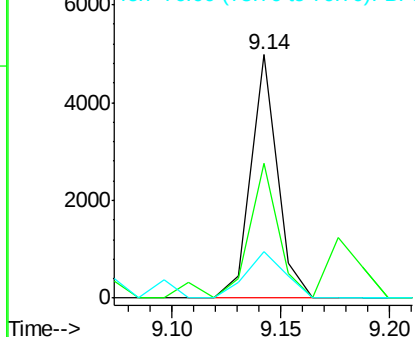


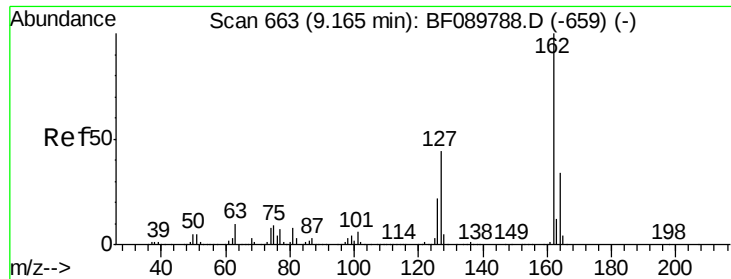
#45
 1,1'-Biphenyl
 Concen: 0.06 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF089814.D
 Acq: 19 Aug 2016 23:33

Tgt Ion:154 Resp: 4219
 Ion Ratio Lower Upper
 154 100
 153 55.4 21.5 61.5
 76 19.3 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

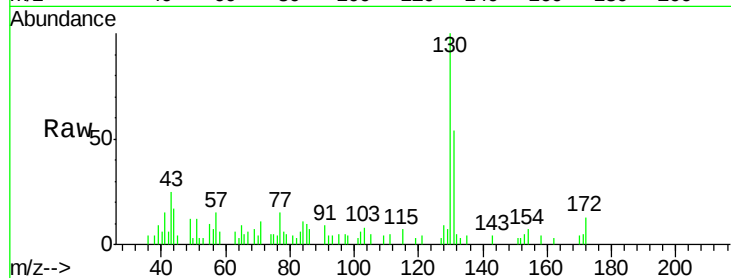




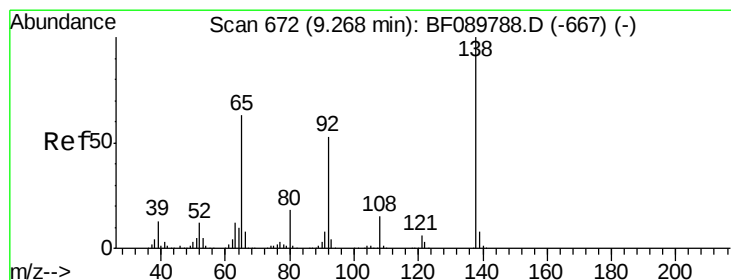
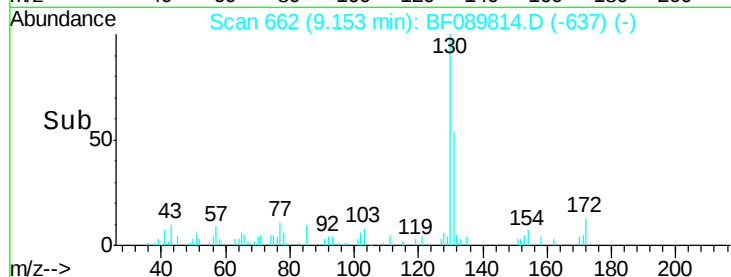
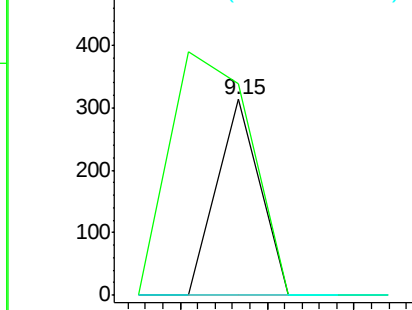
#46
2-Chloronaphthalene
Concen: 0.00 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF089814.D
Acq: 19 Aug 2016 23:33

Instrument :
BNA_F
ClientSampleId :
A-2(8-15)

Tgt Ion: 162 Resp: 215
Ion Ratio Lower Upper
162 100
127 107.6 35.5 53.3#
164 0.0 26.6 40.0#

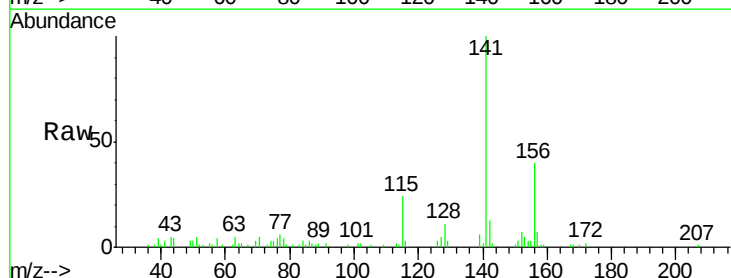


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

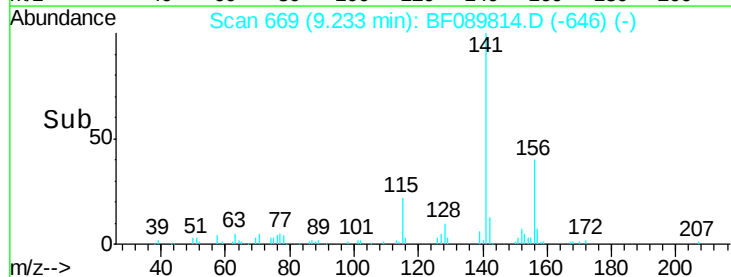
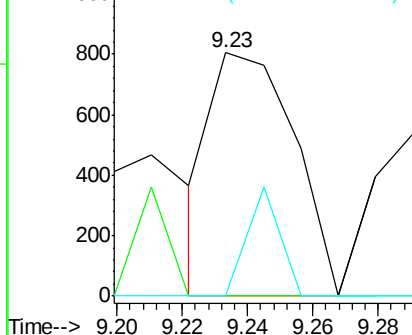


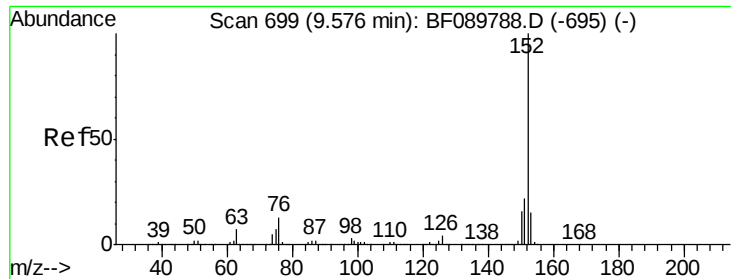
#47
2-Nitroaniline
Concen: 0.09 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.03 min
Lab File: BF089814.D
Acq: 19 Aug 2016 23:33

Tgt Ion: 65 Resp: 1413
Ion Ratio Lower Upper
65 100
92 0.0 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: 0.23 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

Instrument :

BNA_F

ClientSampleId :

A-2(8-15)

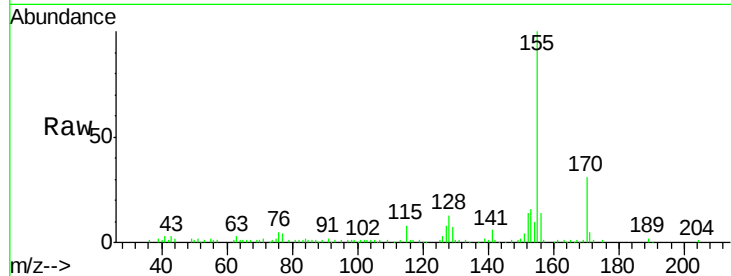
Tgt Ion:152 Resp: 18858

Ion Ratio Lower Upper

152 100

151 30.2 17.1 25.7#

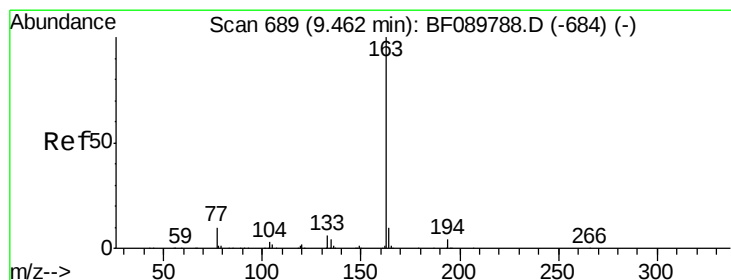
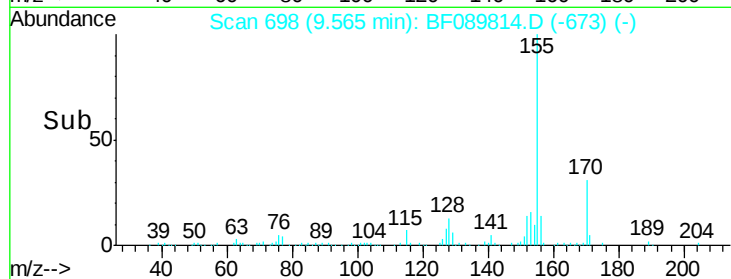
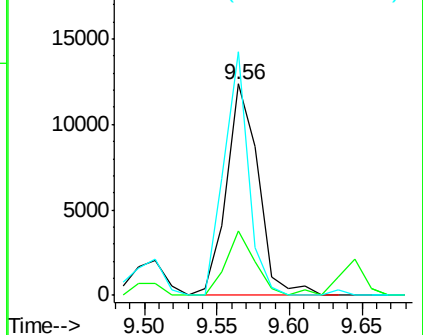
153 115.3 11.2 16.8#



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: 20.16 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

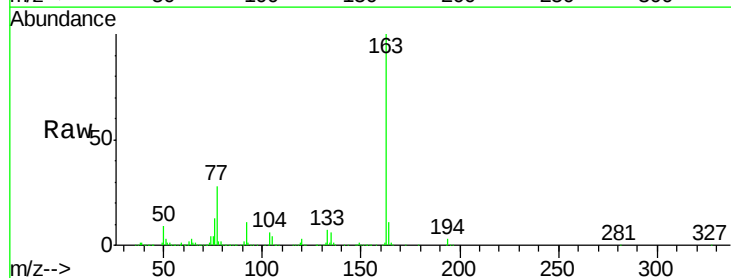
Tgt Ion:163 Resp: 1276574

Ion Ratio Lower Upper

163 100

194 2.8 2.6 3.8

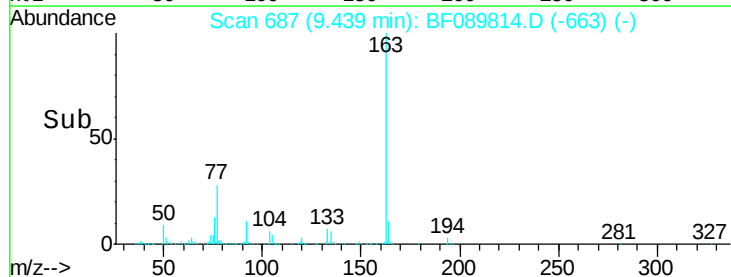
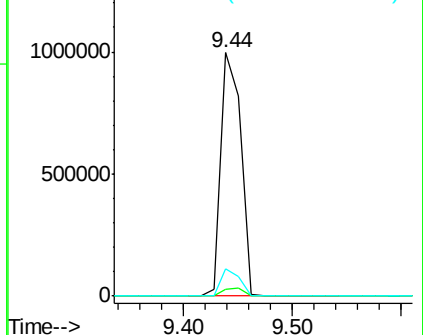
164 11.0 8.6 12.8

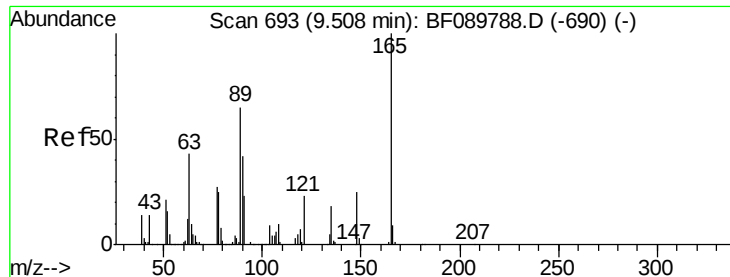


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

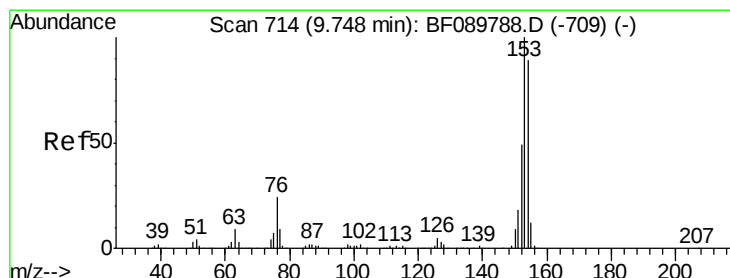
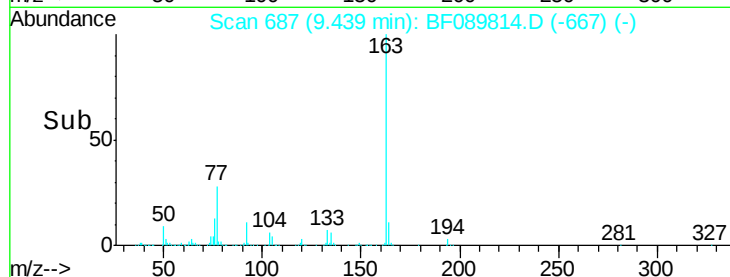
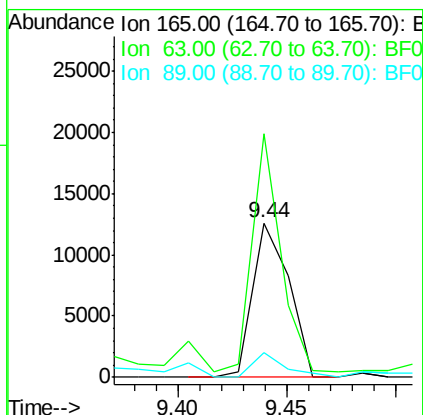
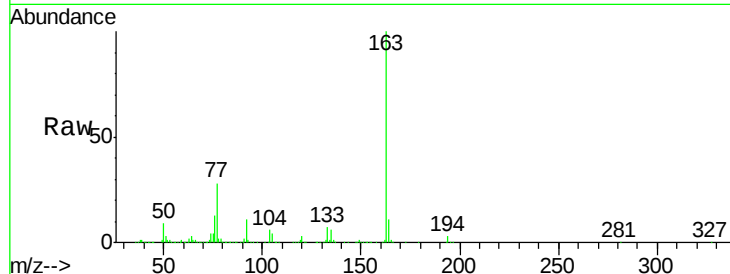




#50
2,6-Dinitrotoluene
Concen: 1.00 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.07 min
Lab File: BF089814.D
Acq: 19 Aug 2016 23:33

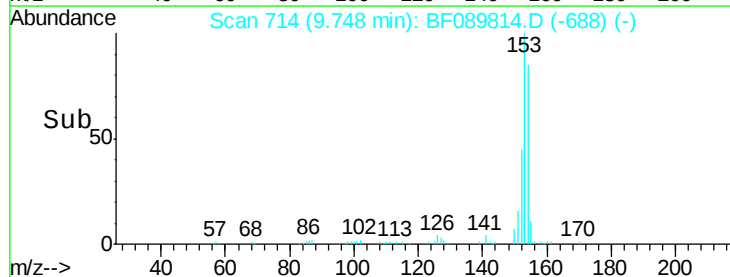
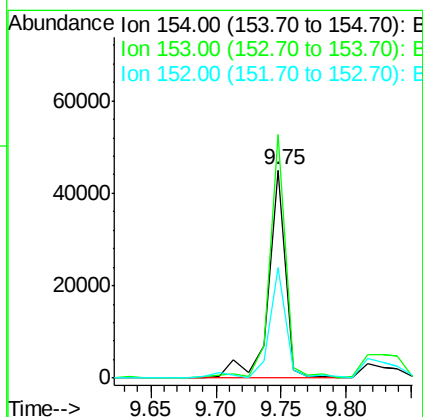
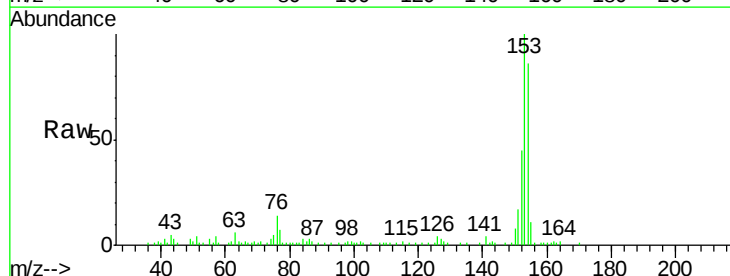
Instrument :
BNA_F
ClientSampled :
A-2(8-15)

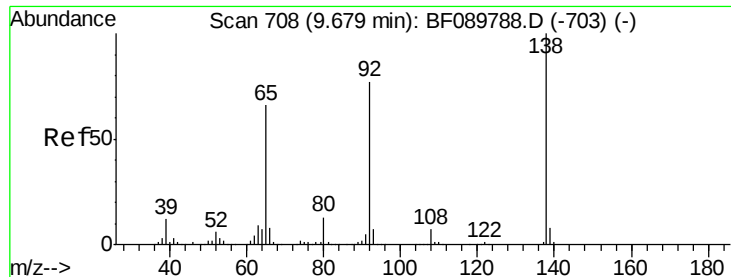
Tgt Ion:165 Resp: 14601
Ion Ratio Lower Upper
165 100
63 157.5 41.7 62.5#
89 15.7 44.6 67.0#



#51
Acenaphthene
Concen: 0.75 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF089814.D
Acq: 19 Aug 2016 23:33

Tgt Ion:154 Resp: 41278
Ion Ratio Lower Upper
154 100
153 116.9 90.5 135.7
152 52.9 44.6 67.0





#52

3-Nitroaniline

Concen: 0.02 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.02 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

Instrument :

BNA_F

ClientSampleId :

A-2(8-15)

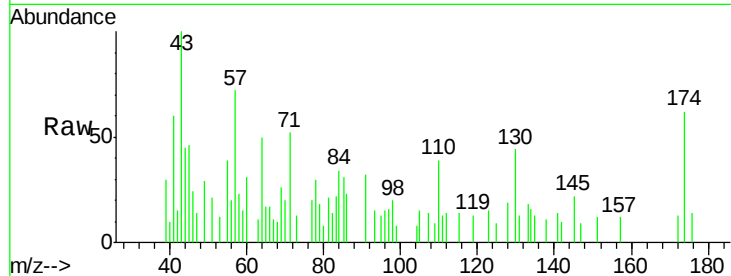
Tgt Ion:138 Resp: 283

Ion Ratio Lower Upper

138 100

108 0.0 8.1 12.1#

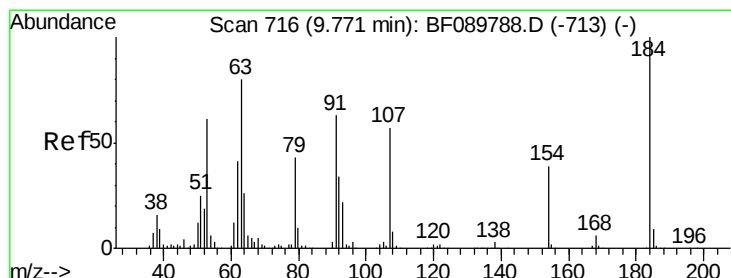
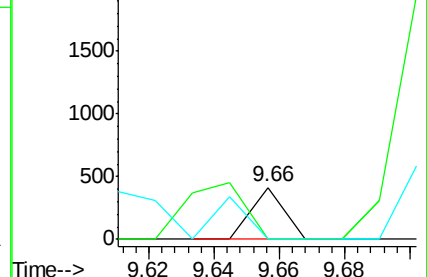
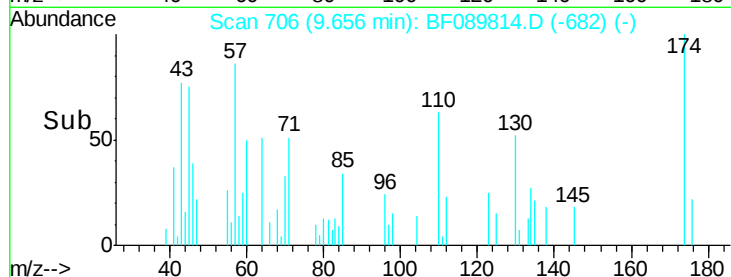
92 0.0 92.7 139.1#



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: 2.22 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.23 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

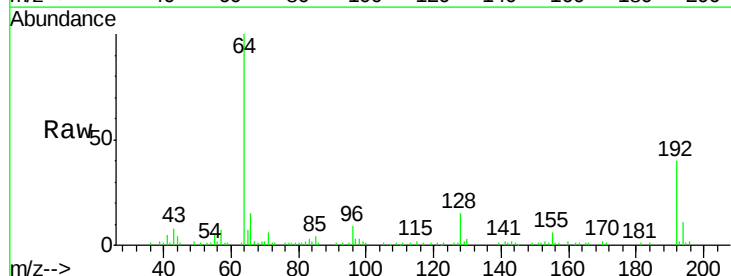
Tgt Ion:184 Resp: 231

Ion Ratio Lower Upper

184 100

63 125.2 54.2 81.4#

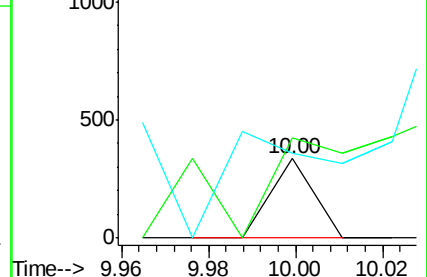
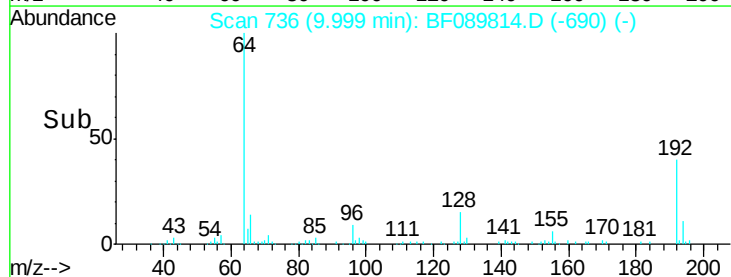
154 107.4 52.7 79.1#

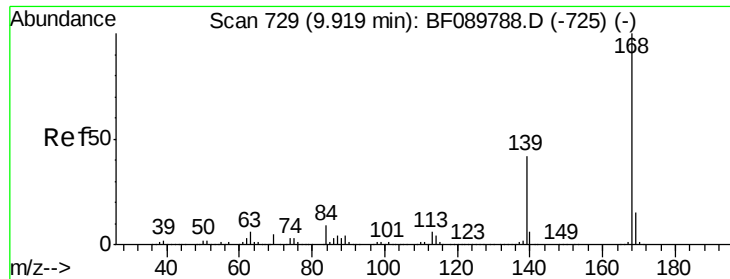


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

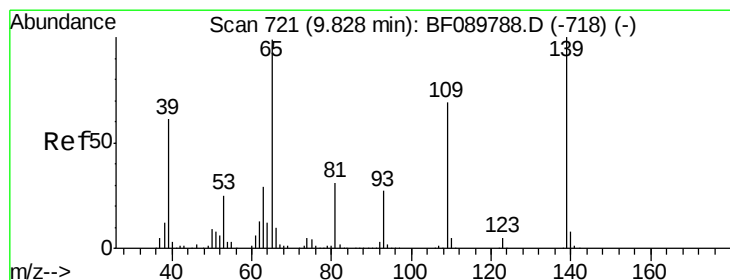
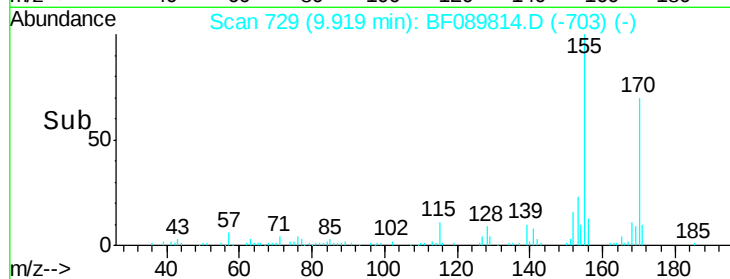
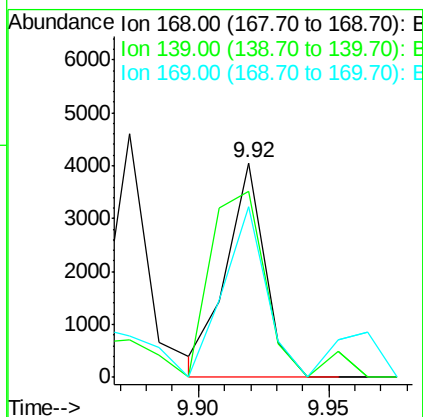
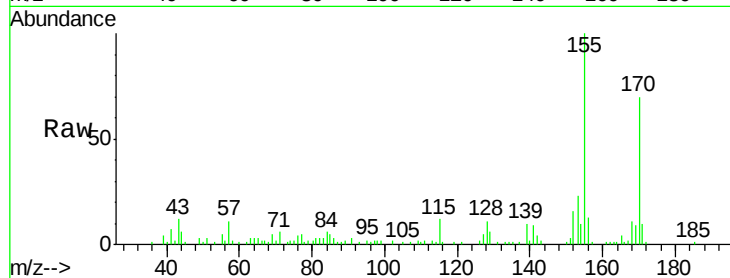




#54
Dibenzofuran
Concen: 0.06 ng
RT: 9.92 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF089814.D
Acq: 19 Aug 2016 23:33

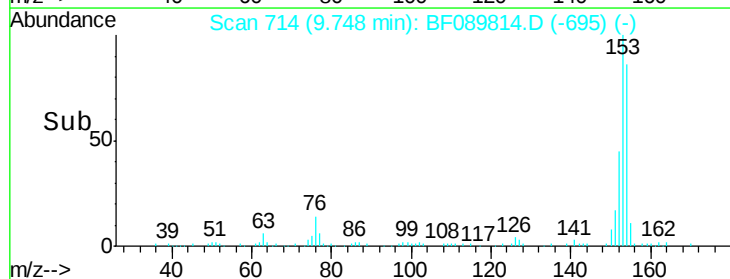
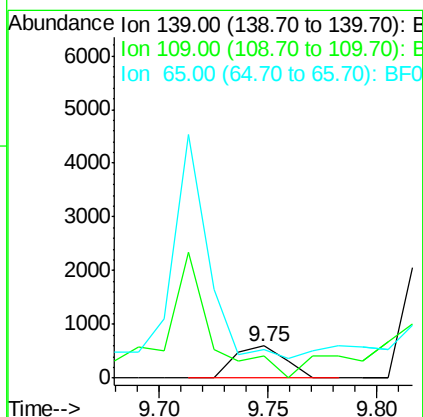
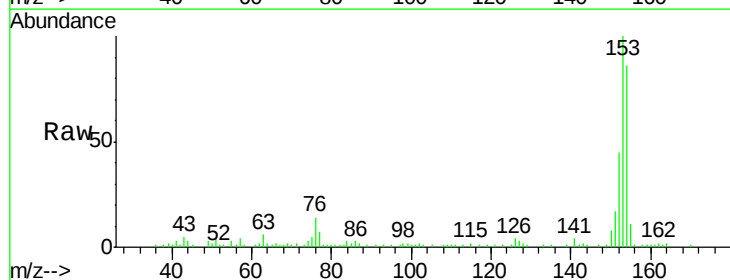
Instrument :
BNA_F
ClientSampleId :
A-2(8-15)

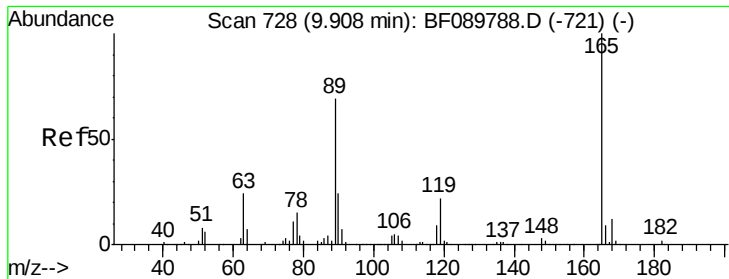
Tgt Ion:168 Resp: 4222
Ion Ratio Lower Upper
168 100
139 86.6 34.6 52.0#
169 79.6 11.5 17.3#



#55
4-Nitrophenol
Concen: 0.07 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.08 min
Lab File: BF089814.D
Acq: 19 Aug 2016 23:33

Tgt Ion:139 Resp: 964
Ion Ratio Lower Upper
139 100
109 71.1 43.0 83.0
65 90.9 55.7 95.7

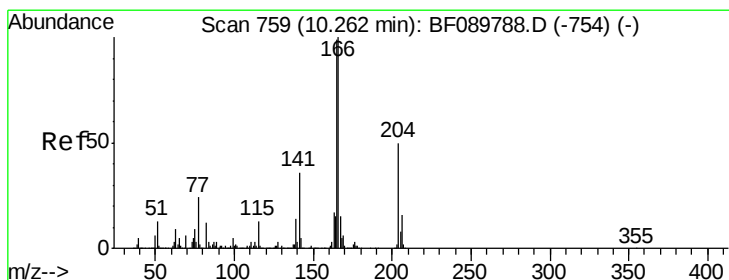
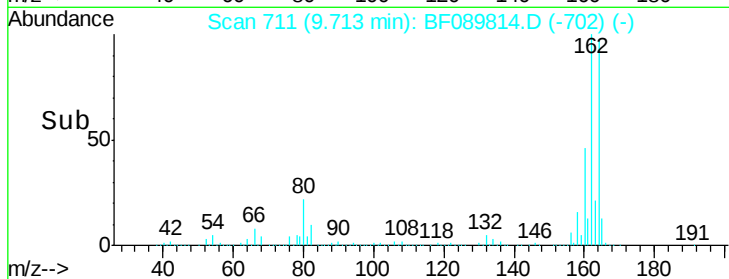
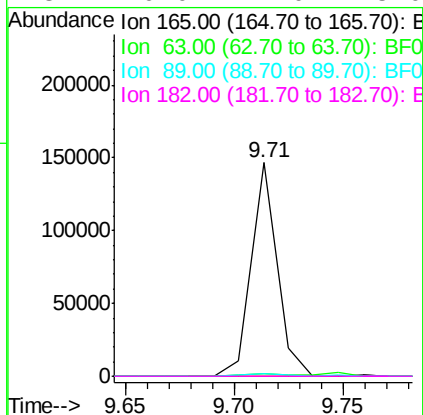
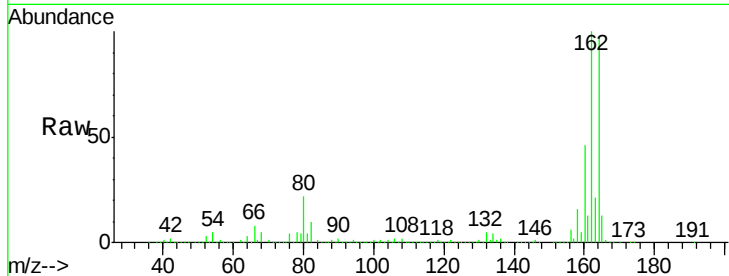




#56
2,4-Dinitrotoluene
Concen: 6.39 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.19 min
Lab File: BF089814.D
Acq: 19 Aug 2016 23:33

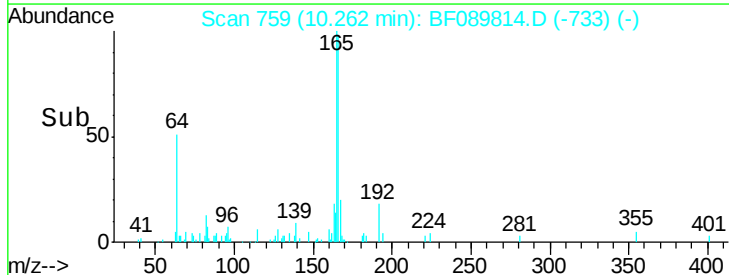
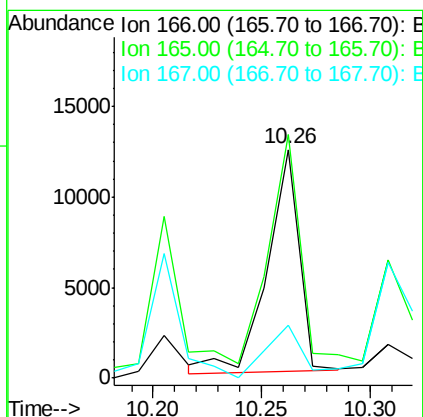
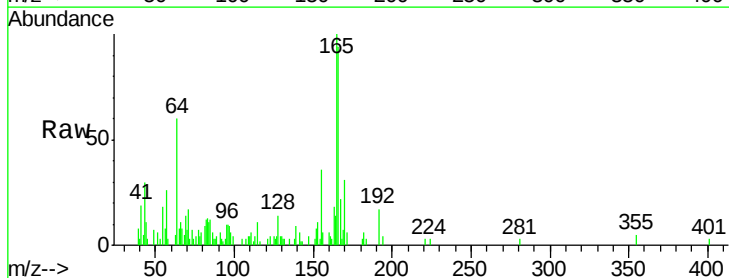
Instrument :
BNA_F
ClientSampleId :
A-2(8-15)

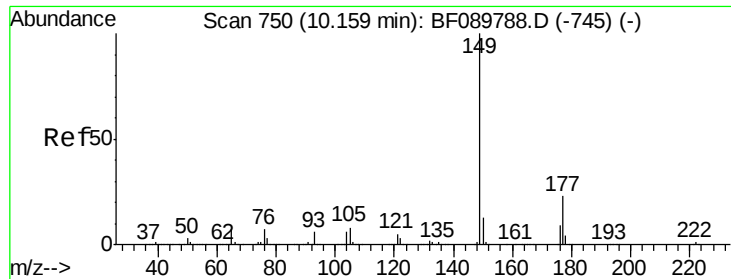
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	23.7	35.5#
89	1.3	44.0	66.0#
182	0.0	2.0	3.0#



#57
Fluorene
Concen: 0.23 ng
RT: 10.26 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF089814.D
Acq: 19 Aug 2016 23:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	106.5	80.2	120.4
167	22.9	11.3	16.9#

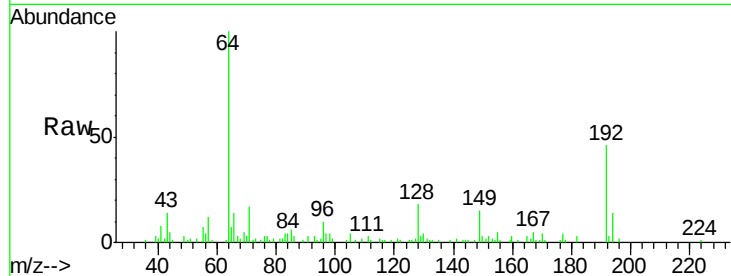




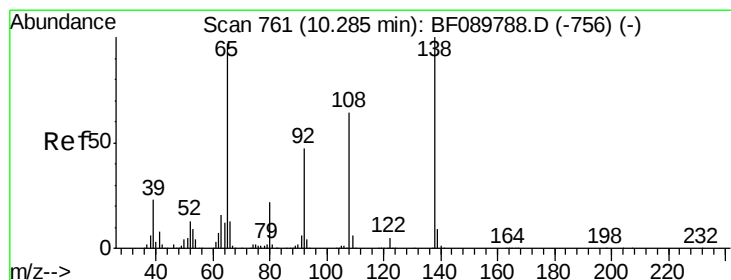
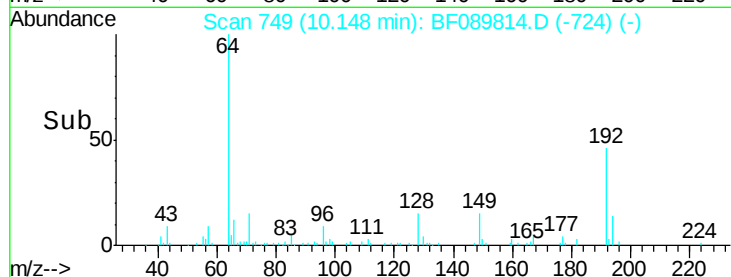
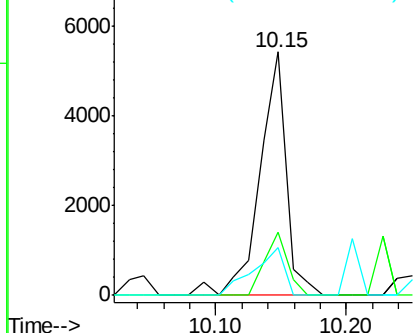
#59
Diethylphthalate
Concen: 0.12 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF089814.D
Acq: 19 Aug 2016 23:33

Instrument :
BNA_F
ClientSampleId :
A-2(8-15)

Tgt Ion:149 Resp: 7720
Ion Ratio Lower Upper
149 100
177 25.7 16.6 25.0#
150 19.4 10.5 15.7#

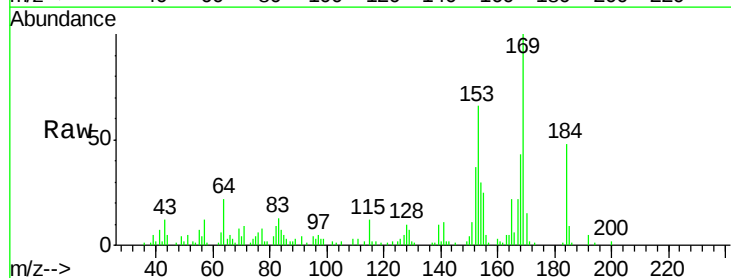


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

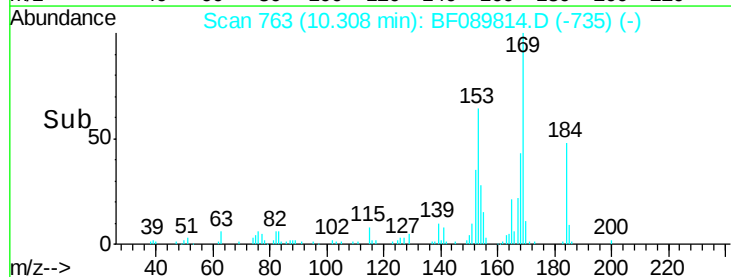
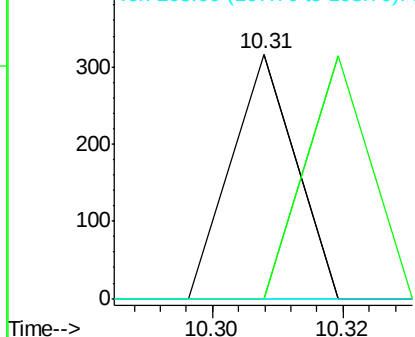


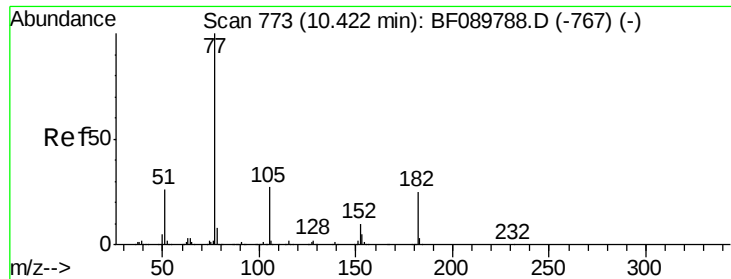
#61
4-Nitroaniline
Concen: 0.01 ng
RT: 10.31 min Scan# 763
Delta R.T. 0.02 min
Lab File: BF089814.D
Acq: 19 Aug 2016 23:33

Tgt Ion:138 Resp: 217
Ion Ratio Lower Upper
138 100
92 0.0 26.4 66.4#
108 0.0 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: 0.03 ng

RT: 10.58 min Scan# 787

Delta R.T. 0.16 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

Instrument :

BNA_F

ClientSampleId :

A-2(8-15)

Tgt Ion: 77 Resp: 2022

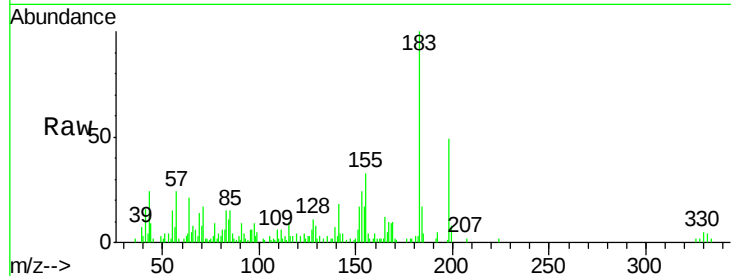
Ion Ratio Lower Upper

77 100

182 28.4 5.6 45.6

105 31.5 4.0 44.0

51 46.3 7.8 47.8

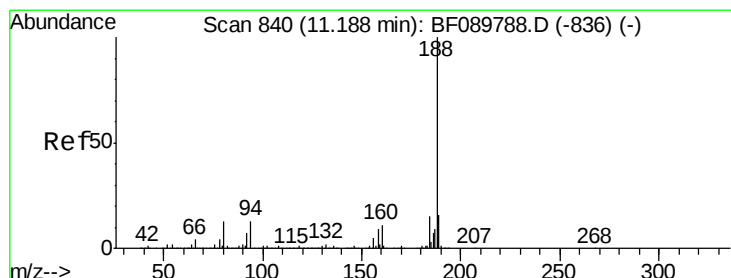
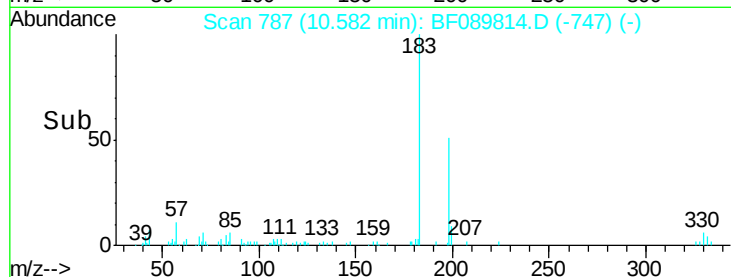
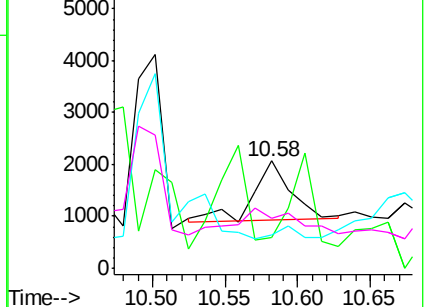


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.19 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

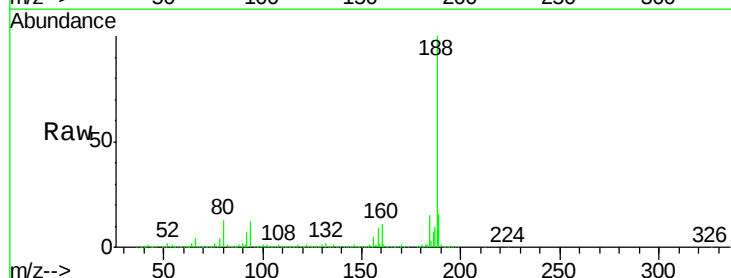
Tgt Ion: 188 Resp: 1334525

Ion Ratio Lower Upper

188 100

94 12.2 10.2 15.2

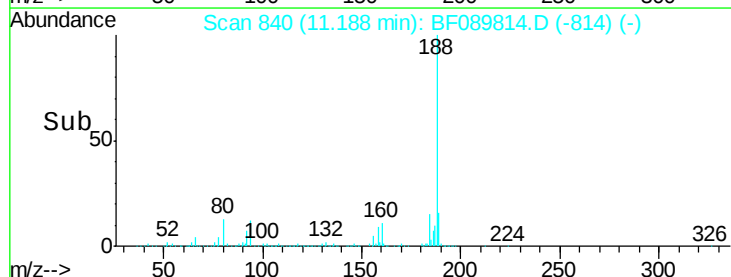
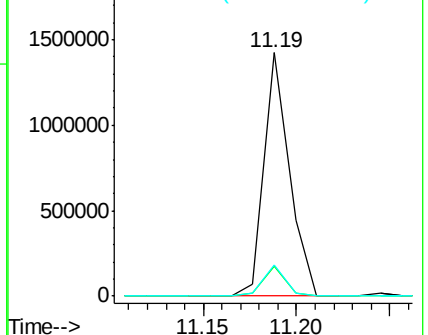
80 12.7 10.9 16.3

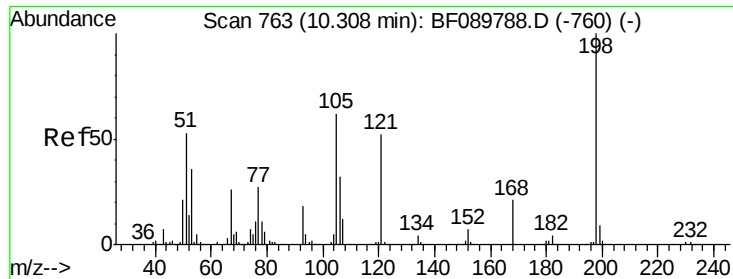


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 0.10 ng

RT: 10.40 min Scan# 771

Delta R.T. 0.09 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

Instrument :

BNA_F

ClientSampleId :

A-2(8-15)

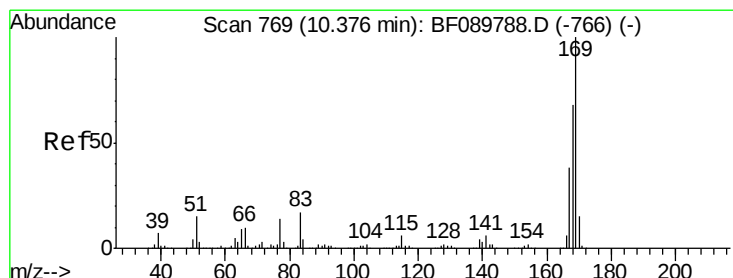
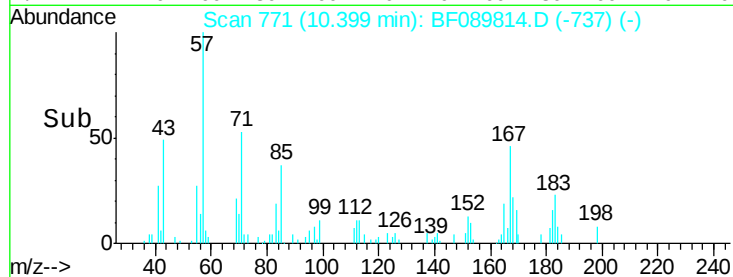
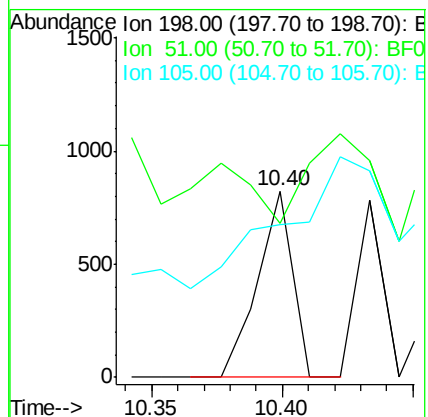
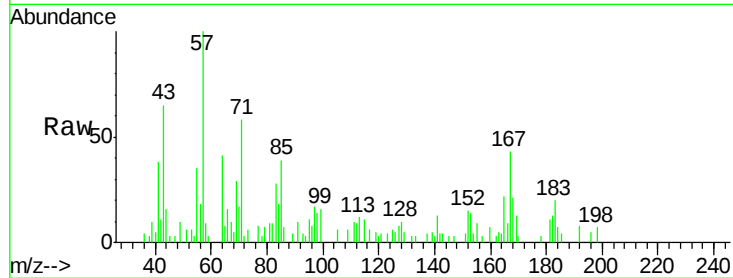
Tgt Ion:198 Resp: 774

Ion Ratio Lower Upper

198 100

51 82.6 32.3 72.3#

105 81.9 32.9 72.9#



#65

n-Nitrosodiphenylamine

Concen: 0.20 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

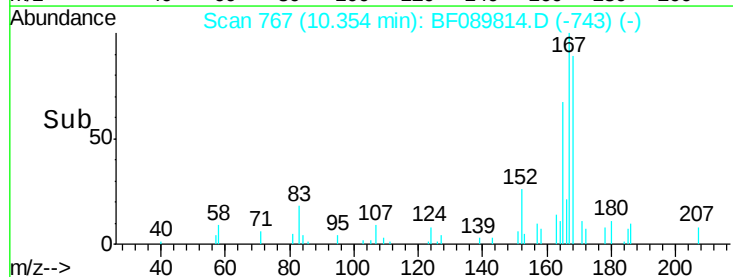
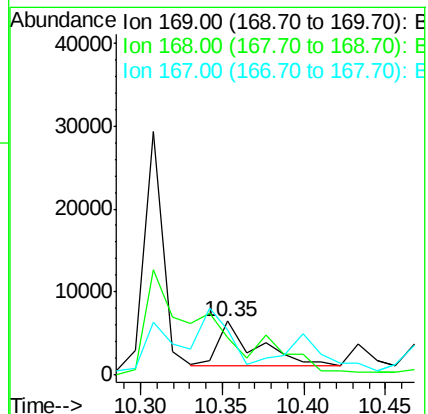
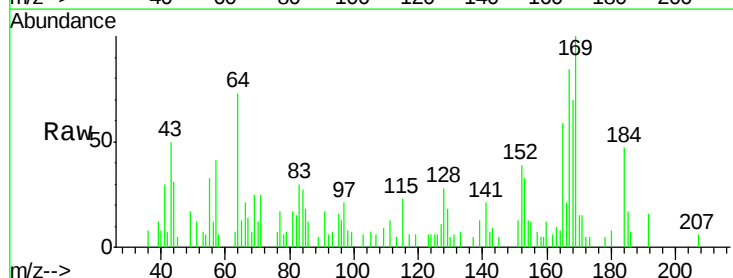
Tgt Ion:169 Resp: 8468

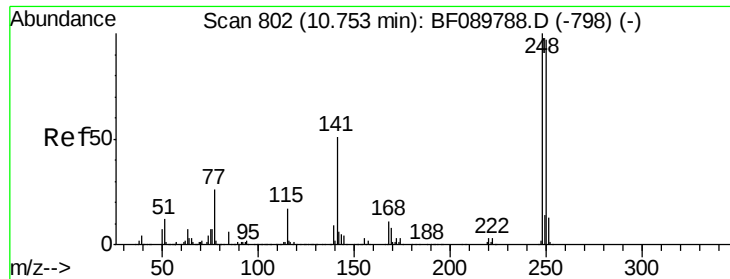
Ion Ratio Lower Upper

169 100

168 69.6 54.6 82.0

167 83.9 30.6 45.8#

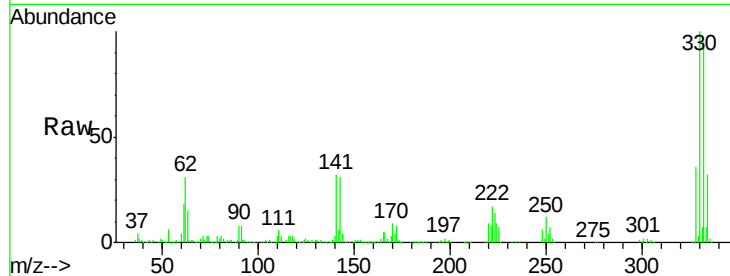




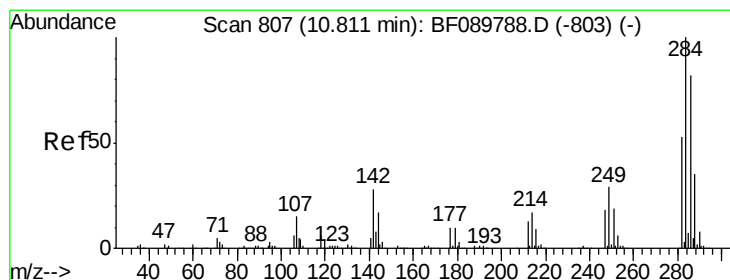
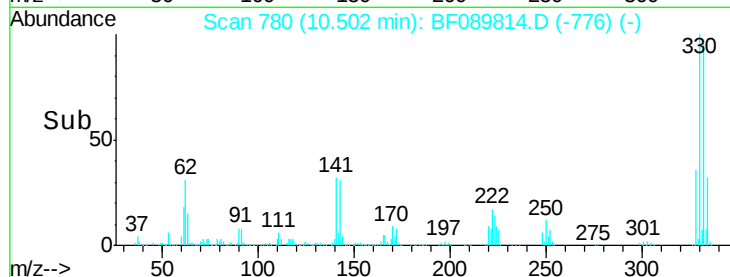
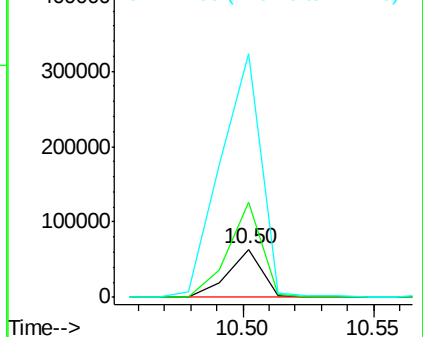
#66
4-Bromophenyl-phenylether
Concen: 4.12 ng
RT: 10.50 min Scan# 780
Delta R.T. -0.25 min
Lab File: BF089814.D
Acq: 19 Aug 2016 23:33

Instrument :
BNA_F
ClientSampleId :
A-2(8-15)

Tgt Ion:248 Resp: 57698
Ion Ratio Lower Upper
248 100
250 198.5 78.6 117.8#
141 504.7 31.4 47.2#

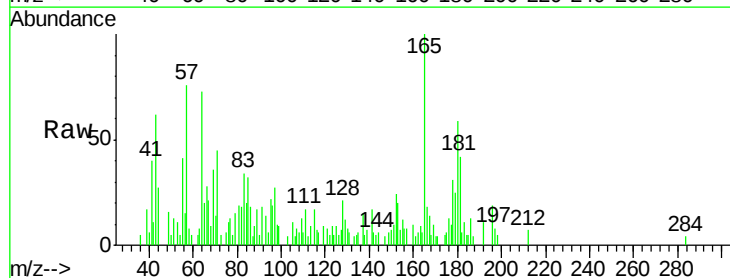


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

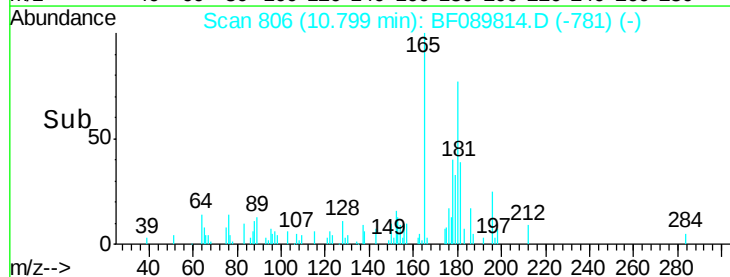
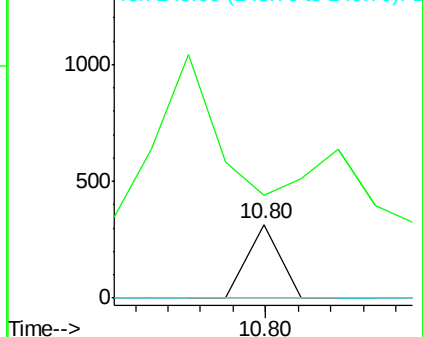


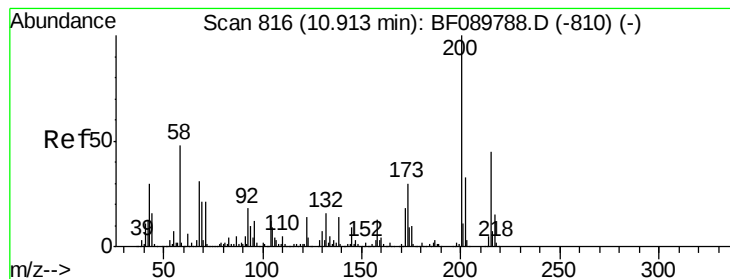
#67
Hexachlorobenzene
Concen: 0.01 ng
RT: 10.80 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF089814.D
Acq: 19 Aug 2016 23:33

Tgt Ion:284 Resp: 217
Ion Ratio Lower Upper
284 100
142 139.9 17.4 26.2#
249 0.0 22.8 34.2#



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 0.02 ng

RT: 10.94 min Scan# 818

Delta R.T. 0.02 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

Instrument :

BNA_F

ClientSampleId :

A-2(8-15)

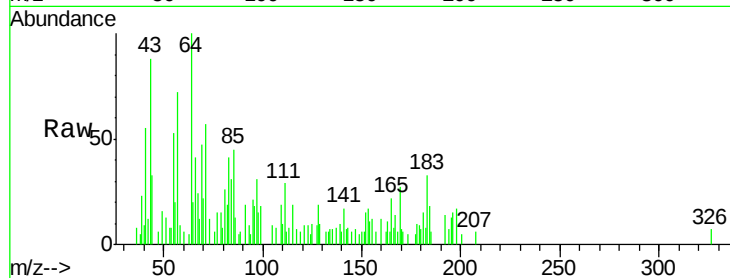
Tgt Ion:200 Resp: 215

Ion Ratio Lower Upper

200 100

173 97.1 6.6 46.6#

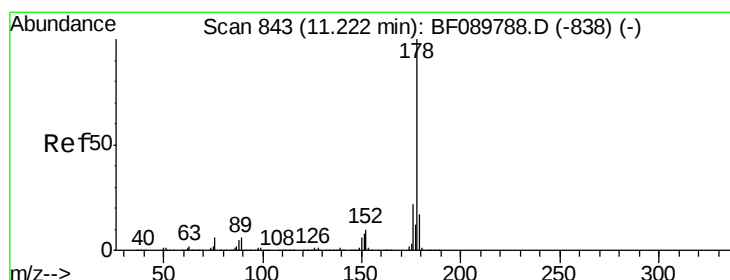
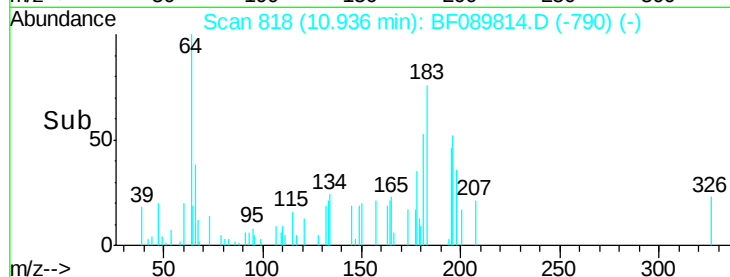
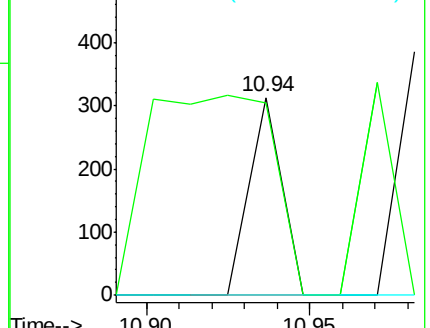
215 0.0 24.7 64.7#



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



#70

Phenanthrene

Concen: 2.17 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

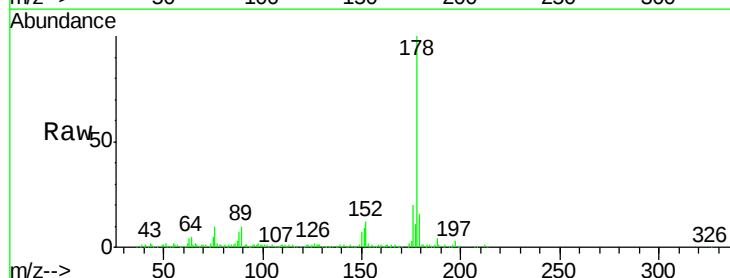
Tgt Ion:178 Resp: 146058

Ion Ratio Lower Upper

178 100

176 20.0 16.4 24.6

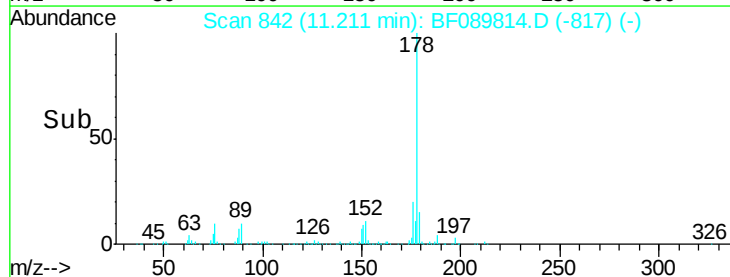
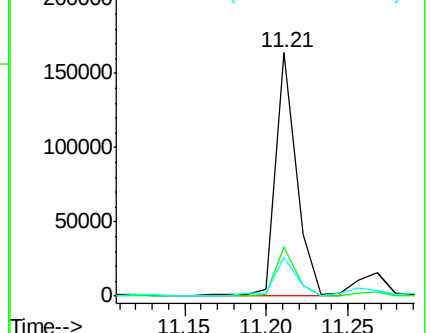
179 15.8 12.5 18.7

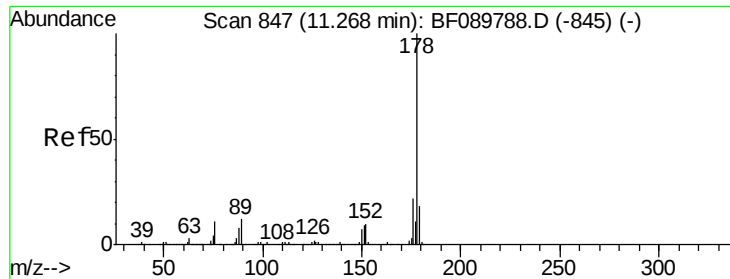


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

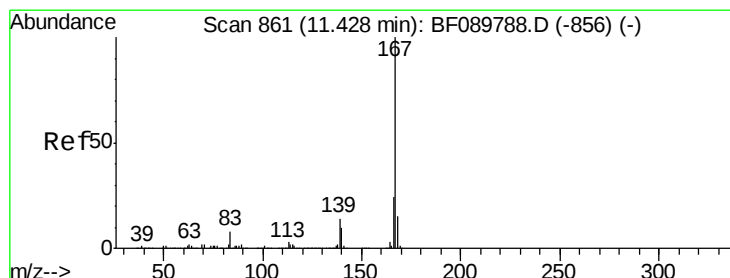
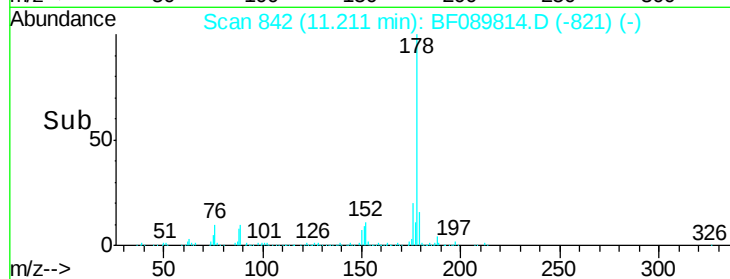
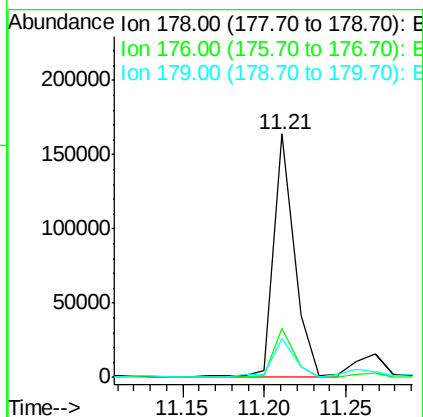
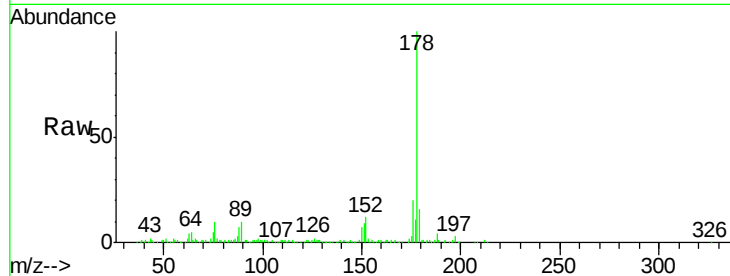




#71
 Anthracene
 Concen: 2.13 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.06 min
 Lab File: BF089814.D
 Acq: 19 Aug 2016 23:33

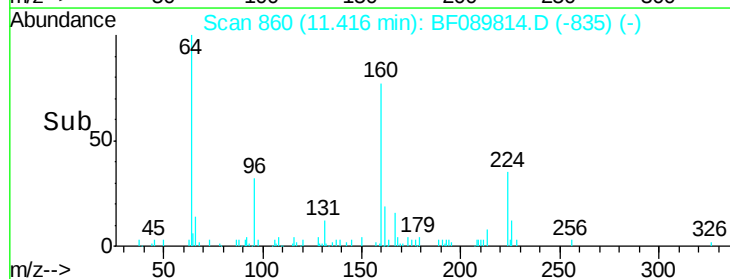
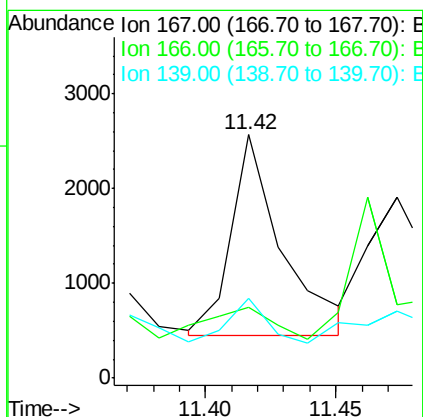
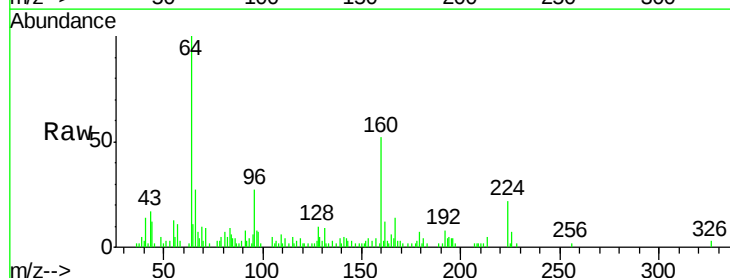
Instrument :
 BNA_F
 ClientSampleId :
 A-2(8-15)

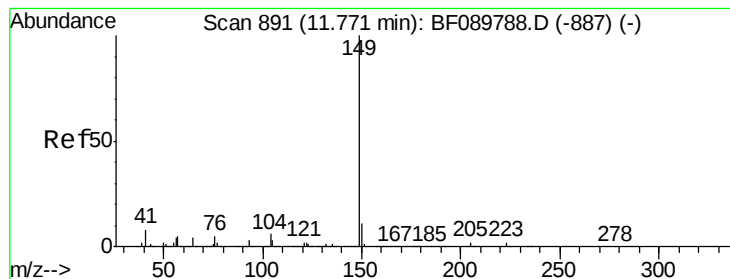
Tgt Ion:178 Resp: 146058
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.4 24.6
 179 15.8 13.1 19.7



#72
 Carbazole
 Concen: 0.05 ng
 RT: 11.42 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF089814.D
 Acq: 19 Aug 2016 23:33

Tgt Ion:167 Resp: 2884
 Ion Ratio Lower Upper
 167 100
 166 29.2 17.9 26.9#
 139 32.9 12.4 18.6#





#73

Di-n-butylphthalate

Concen: 0.21 ng

RT: 11.77 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

Instrument :

BNA_F

ClientSampleId :

A-2(8-15)

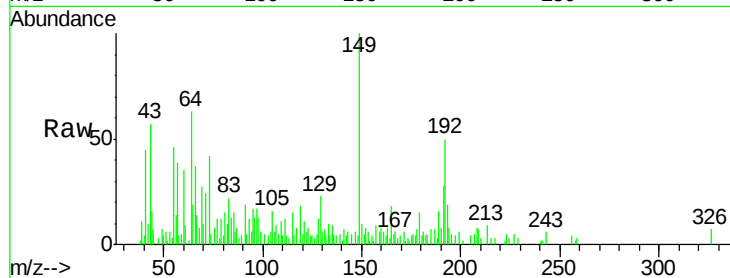
Tgt Ion:149 Resp: 15908

Ion Ratio Lower Upper

149 100

150 9.7 7.9 11.9

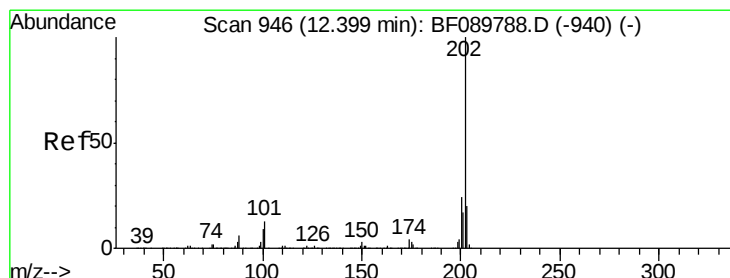
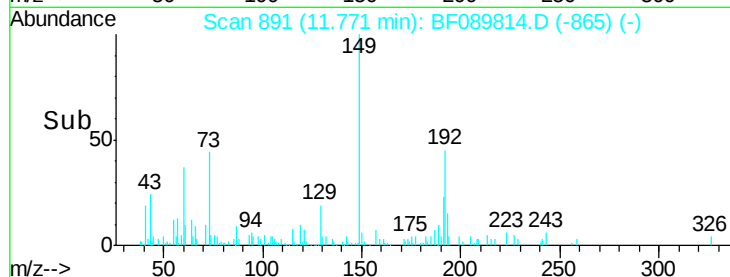
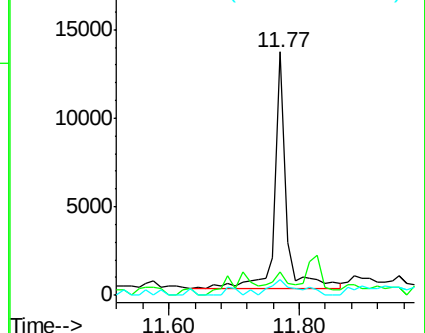
104 6.3 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 0.53 ng

RT: 12.40 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

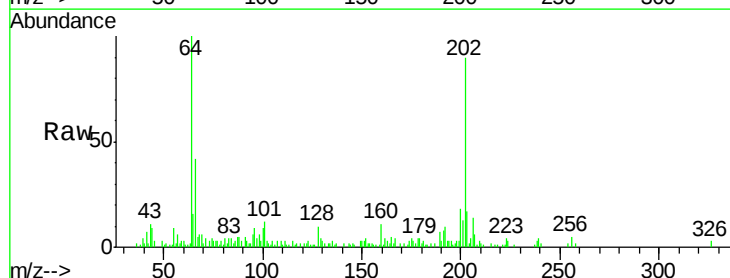
Tgt Ion:202 Resp: 33663

Ion Ratio Lower Upper

202 100

101 13.1 0.0 31.2

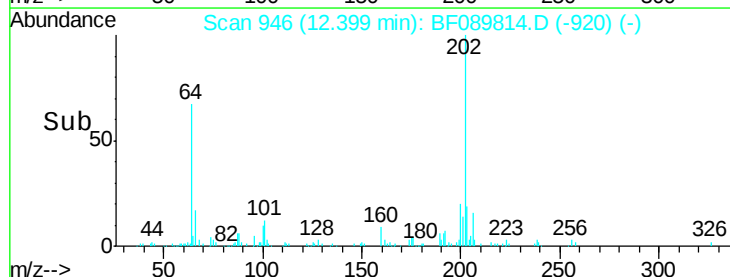
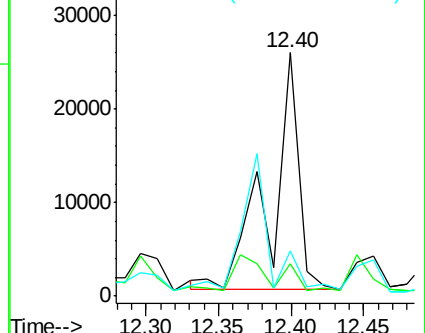
203 18.7 0.0 38.1

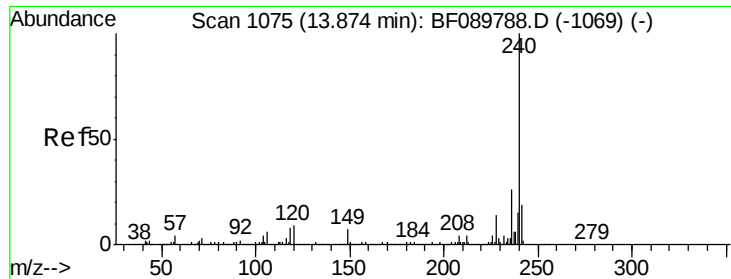


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.03 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

Instrument :

BNA_F

ClientSampleId :

A-2(8-15)

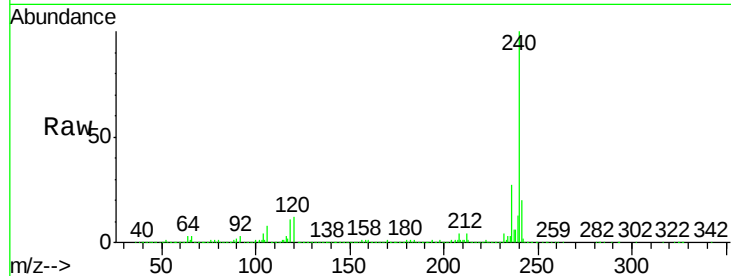
Tgt Ion:240 Resp: 1057177

Ion Ratio Lower Upper

240 100

120 11.9 8.3 12.5

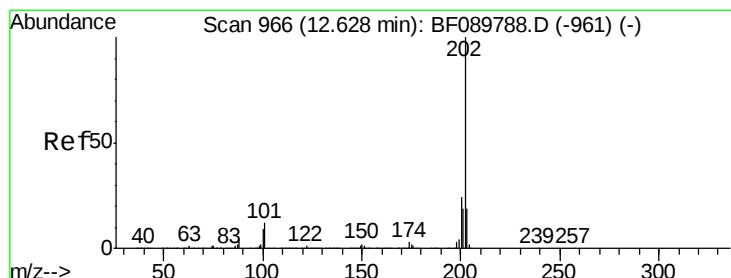
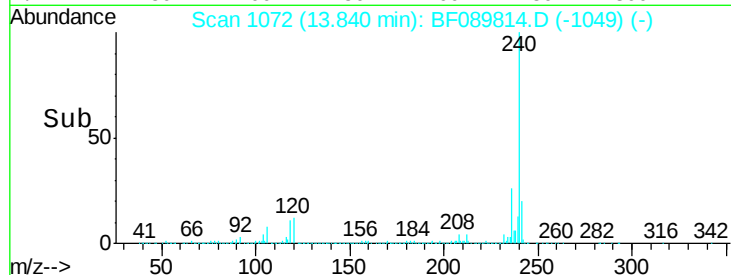
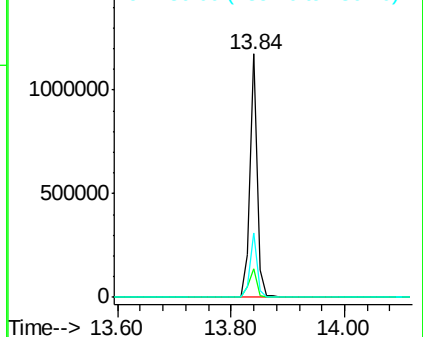
236 26.5 21.3 31.9



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



#77

Pyrene

Concen: 0.40 ng

RT: 12.62 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

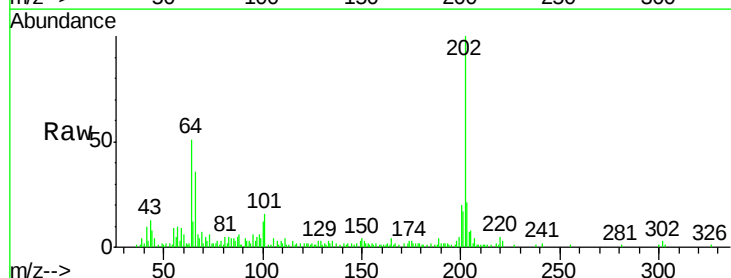
Tgt Ion:202 Resp: 34814

Ion Ratio Lower Upper

202 100

200 19.9 17.8 26.6

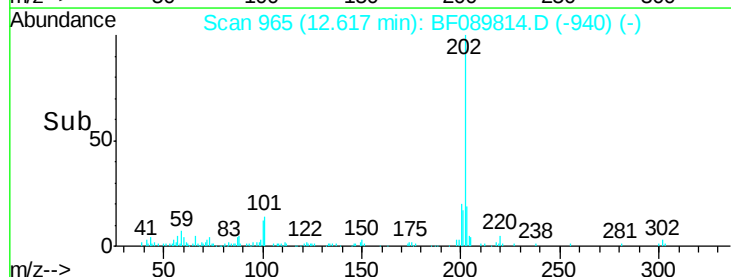
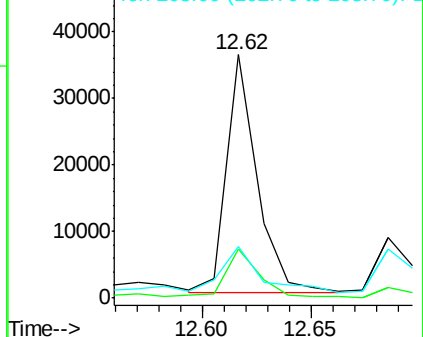
203 21.1 14.2 21.4

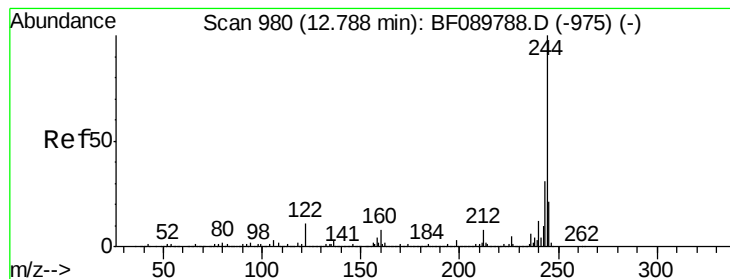


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 50.56 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

Instrument :

BNA_F

ClientSampleId :

A-2(8-15)

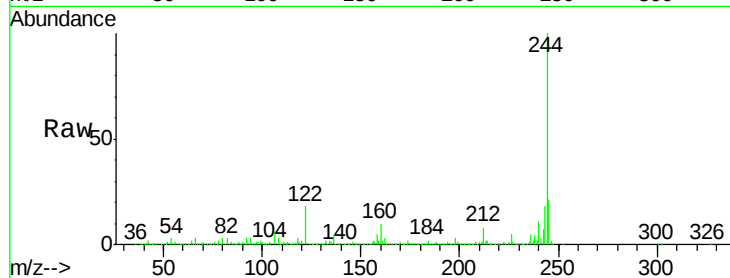
Tgt Ion:244 Resp: 2362651

Ion Ratio Lower Upper

244 100

212 8.2 6.3 9.5

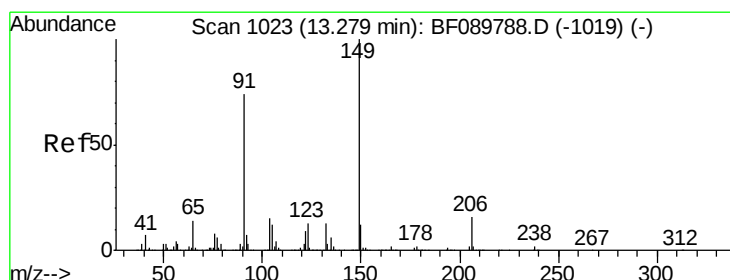
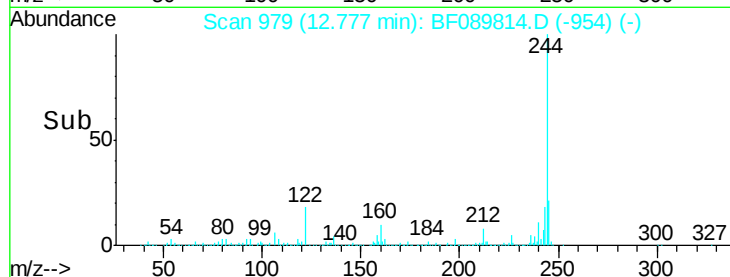
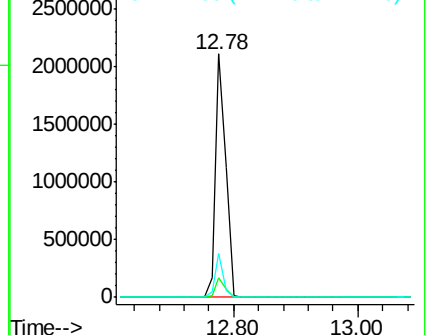
122 18.2 12.0 18.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.04 ng

RT: 13.27 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

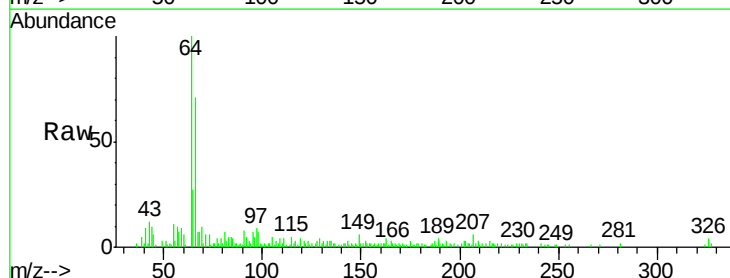
Tgt Ion:149 Resp: 1736

Ion Ratio Lower Upper

149 100

91 123.2 50.7 76.1#

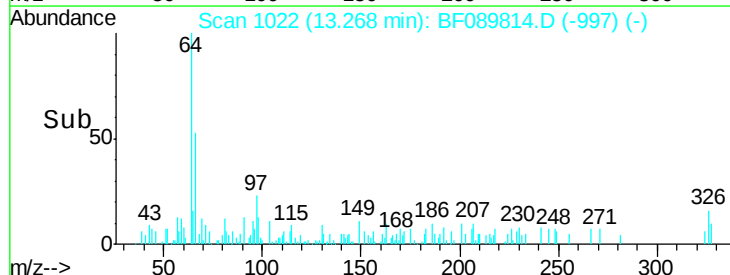
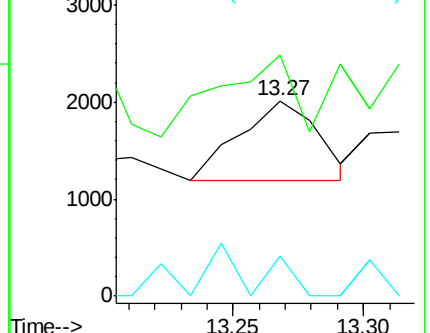
206 20.8 15.5 23.3

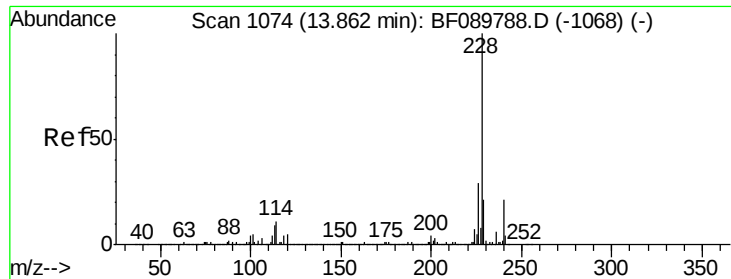


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.63 ng

RT: 13.86 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

Instrument :

BNA_F

ClientSampled :

A-2(8-15)

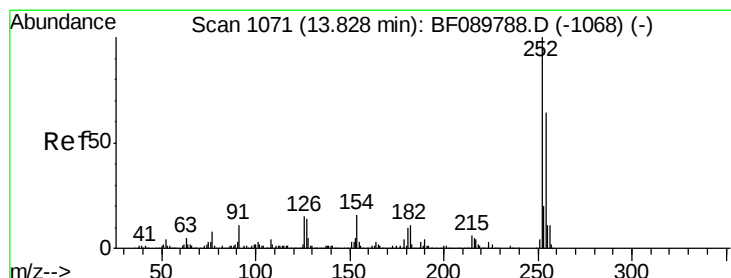
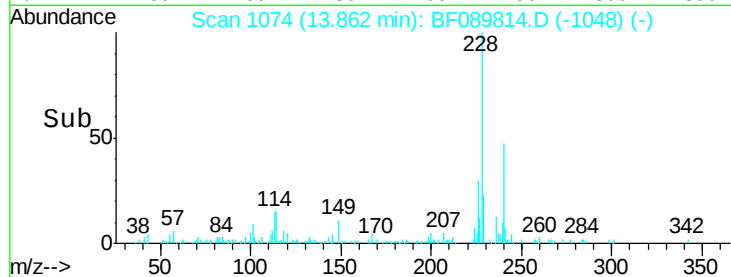
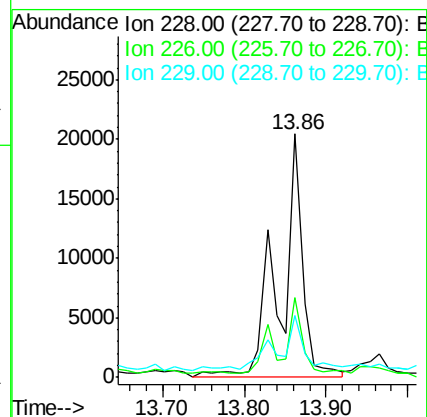
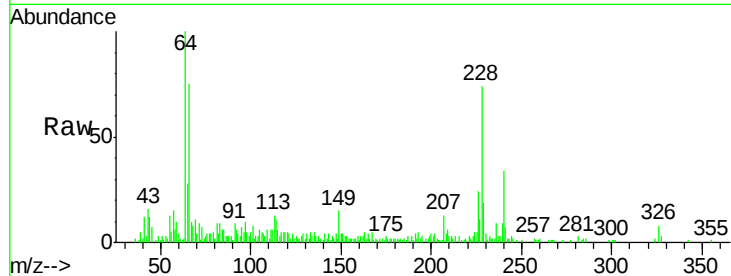
Tgt Ion:228 Resp: 38145

Ion Ratio Lower Upper

228 100

226 32.7 23.2 34.8

229 25.6 16.2 24.4#



#81

3,3'-Dichlorobenzidine

Concen: 0.02 ng

RT: 13.83 min Scan# 1071

Delta R.T. 0.00 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

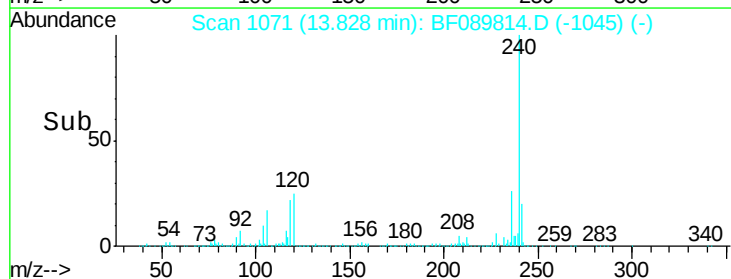
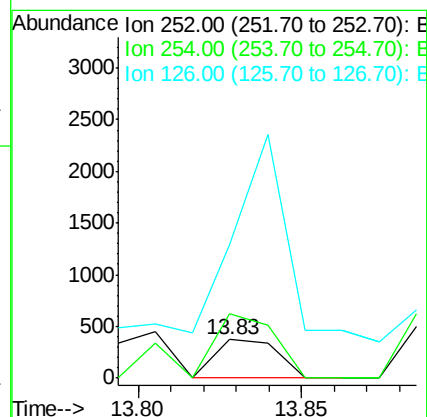
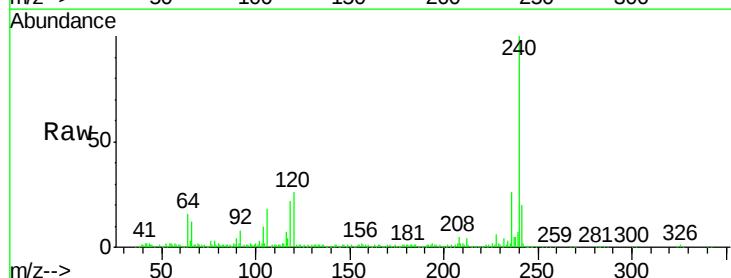
Tgt Ion:252 Resp: 489

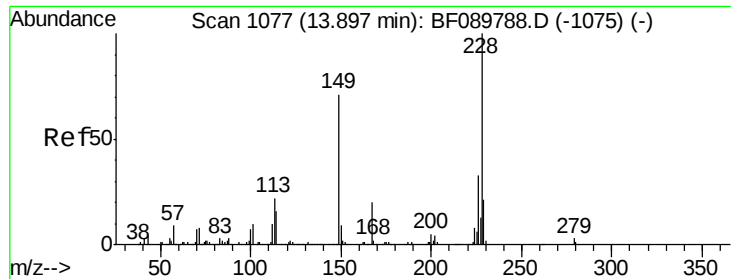
Ion Ratio Lower Upper

252 100

254 169.3 50.6 75.8#

126 346.6 12.6 18.8#





#82

Chrysene

Concen: 0.73 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.03 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

Instrument :

BNA_F

ClientSampleId :

A-2(8-15)

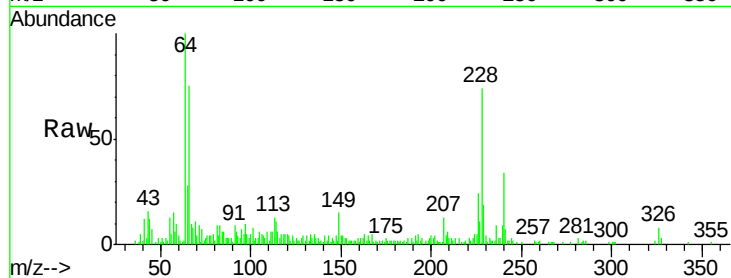
Tgt Ion:228 Resp: 38145

Ion Ratio Lower Upper

228 100

226 32.7 25.4 38.0

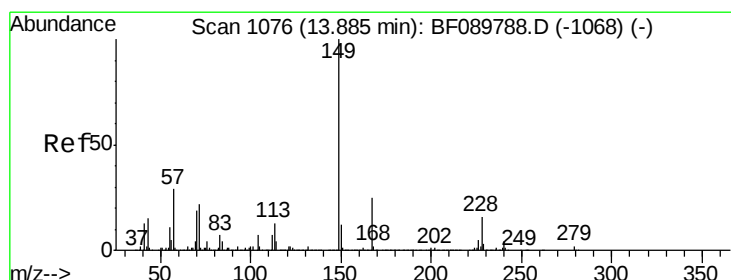
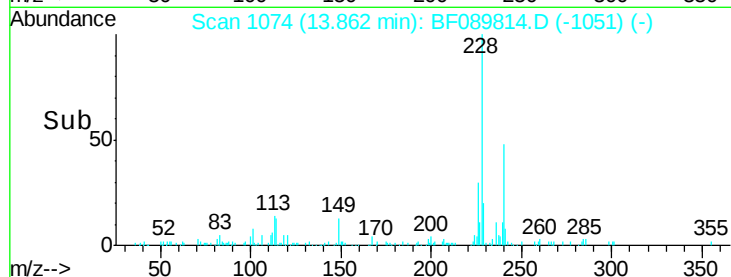
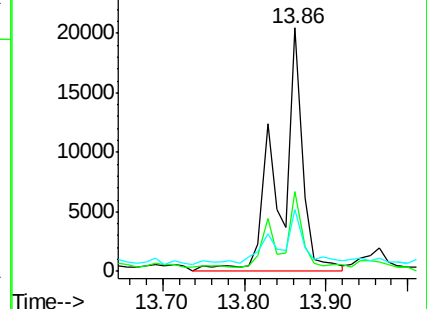
229 25.6 16.5 24.7#



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

Bis(2-ethylhexyl)phthalate

Concen: 0.10 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.02 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

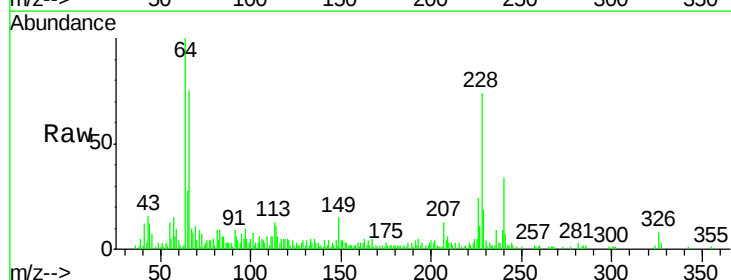
Tgt Ion:149 Resp: 5480

Ion Ratio Lower Upper

149 100

167 33.6 21.2 31.8#

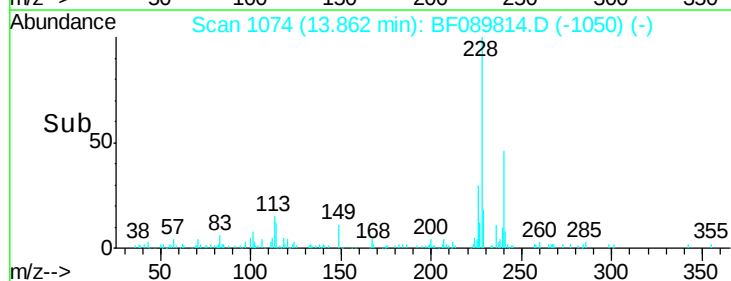
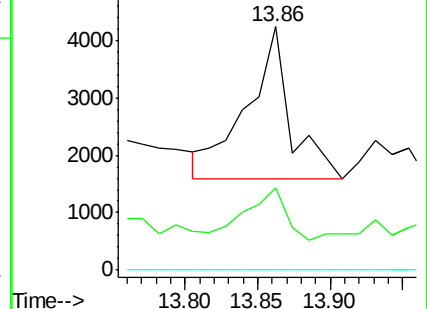
279 0.0 2.9 4.3#

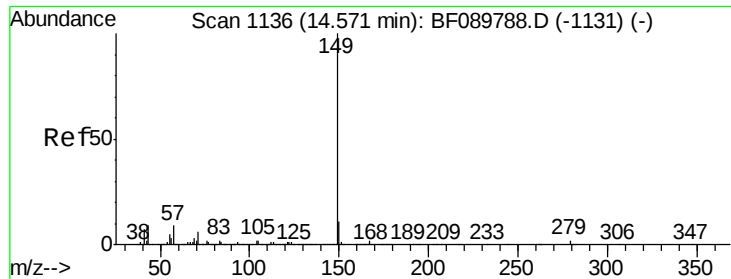


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.01 ng

RT: 14.53 min Scan# 1132

Delta R.T. -0.05 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

Instrument :

BNA_F

ClientSampleId :

A-2(8-15)

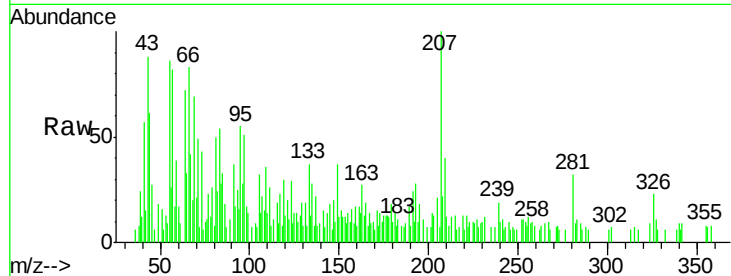
Tgt Ion:149 Resp: 823

Ion Ratio Lower Upper

149 100

167 48.4 1.2 1.8#

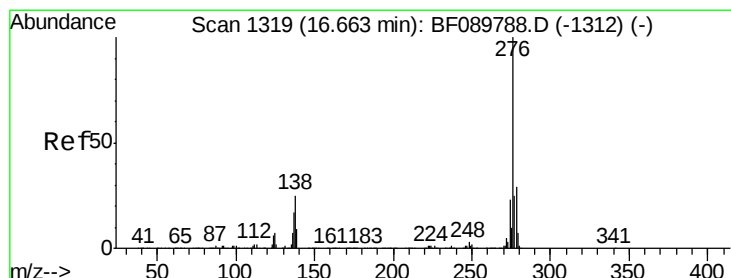
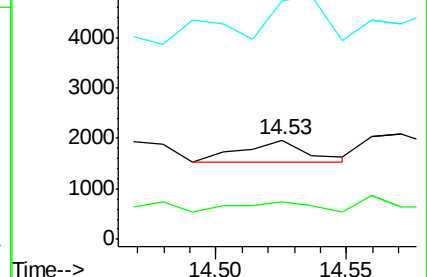
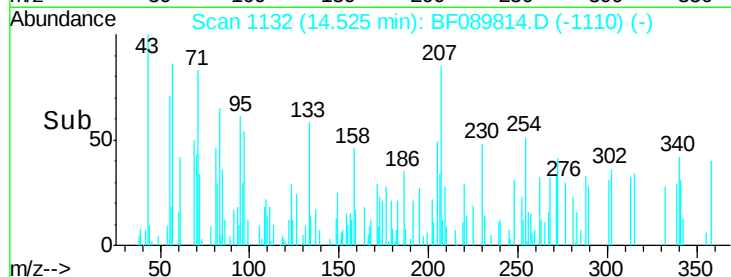
43 236.0 8.4 12.6#



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: 0.01 ng

RT: 16.66 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF089814.D

Acq: 19 Aug 2016 23:33

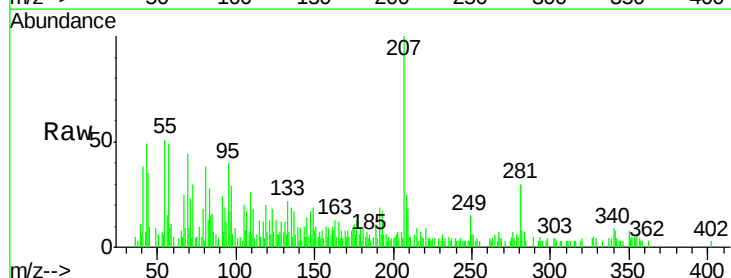
Tgt Ion:276 Resp: 974

Ion Ratio Lower Upper

276 100

138 0.0 24.6 36.8#

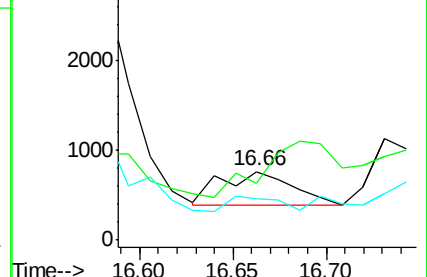
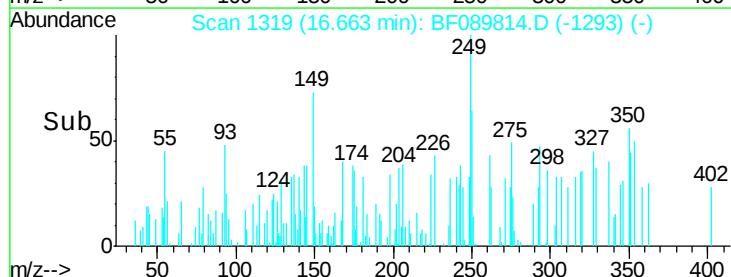
277 32.6 20.4 30.6#

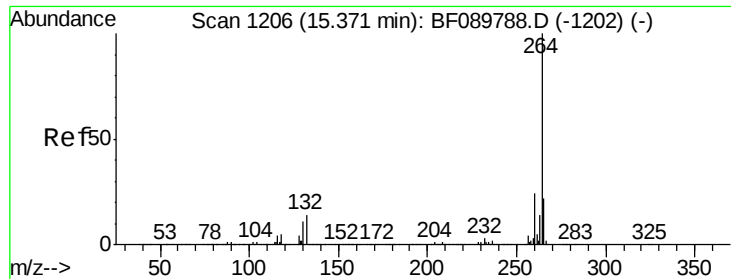


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



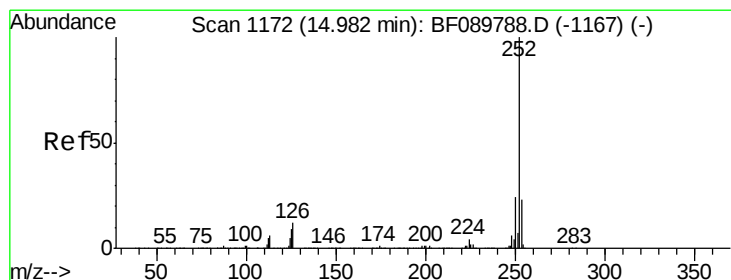
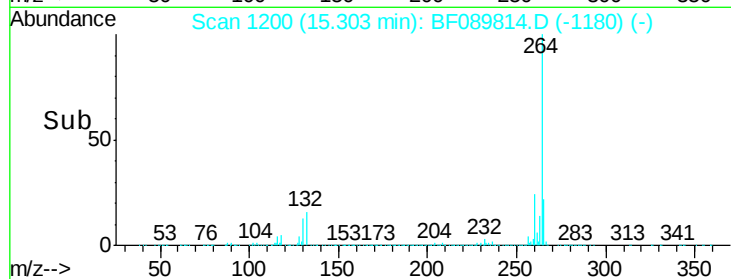
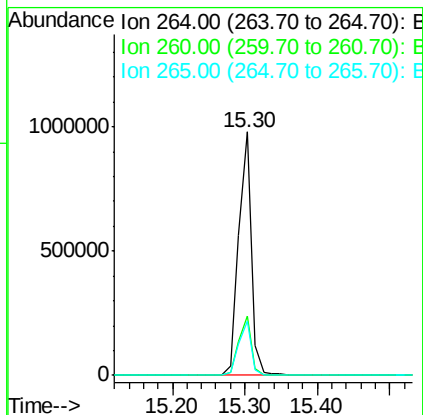
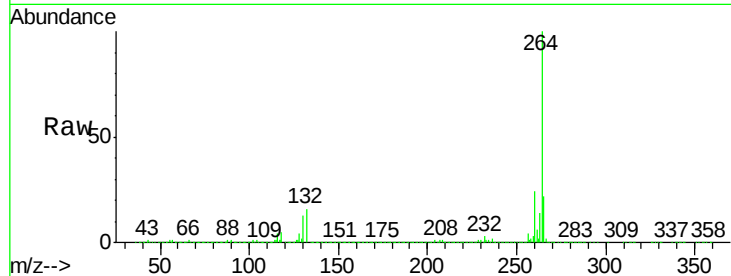


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1200
Delta R.T. -0.07 min
Lab File: BF089814.D
Acq: 19 Aug 2016 23:33

Instrument :
BNA_F
ClientSampleId :
A-2(8-15)

Tgt Ion:264 Resp: 1197177

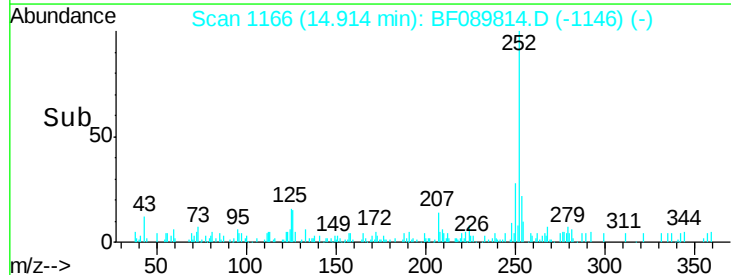
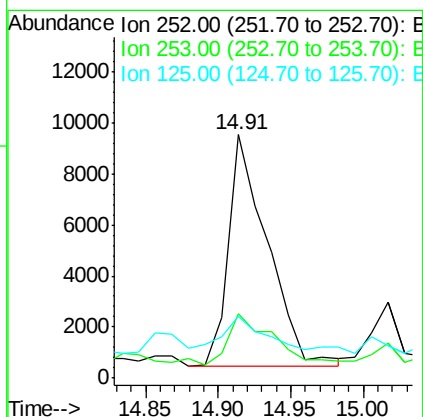
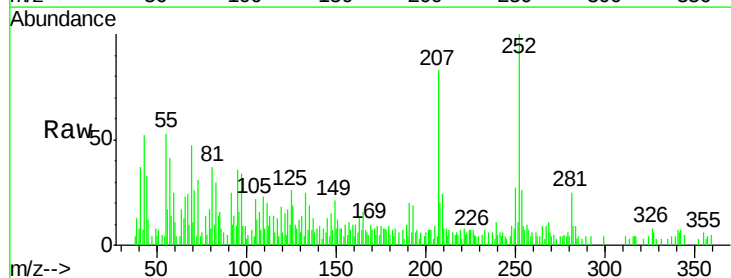
Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.2	30.2
265	22.3	17.4	26.2

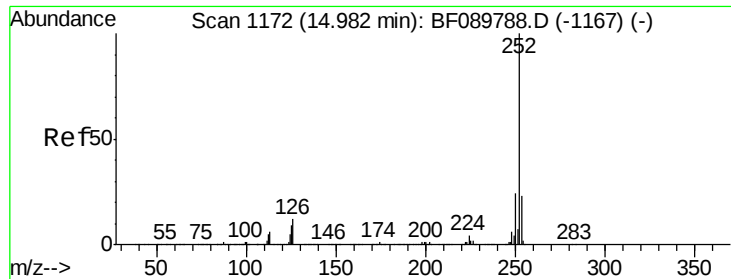


#87
Benzo(b)fluoranthene
Concen: 0.26 ng
RT: 14.91 min Scan# 1166
Delta R.T. -0.07 min
Lab File: BF089814.D
Acq: 19 Aug 2016 23:33

Tgt Ion:252 Resp: 16806

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.8	26.8
125	25.5	11.4	17.2

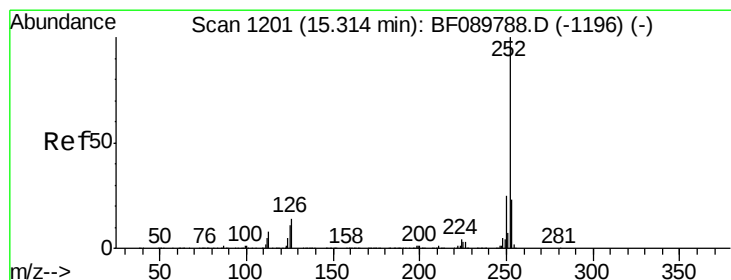
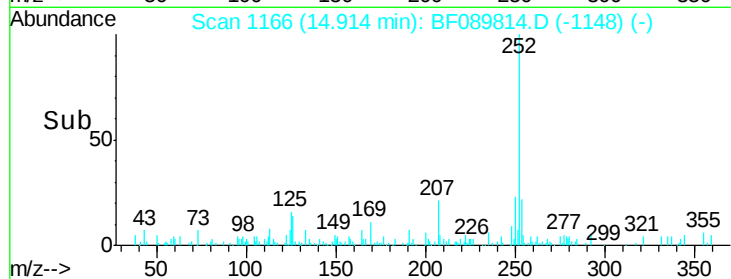
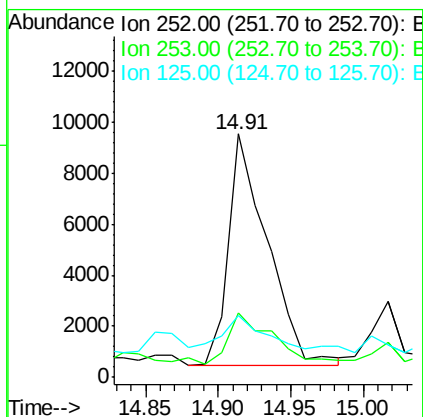
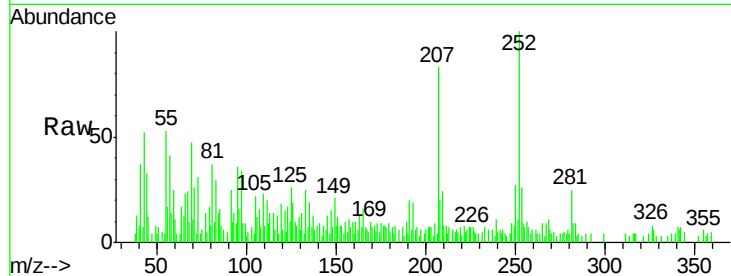




#88
Benzo(k)fluoranthene
Concen: 0.28 ng
RT: 14.91 min Scan# 1166
Delta R.T. -0.09 min
Lab File: BF089814.D
Acq: 19 Aug 2016 23:33

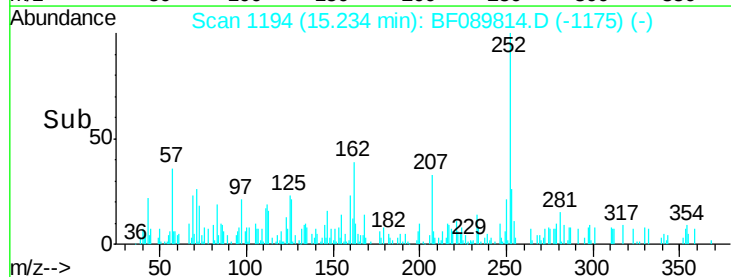
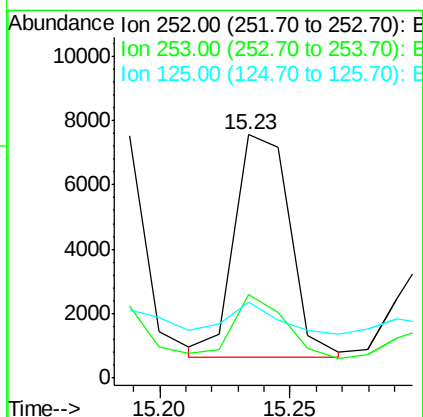
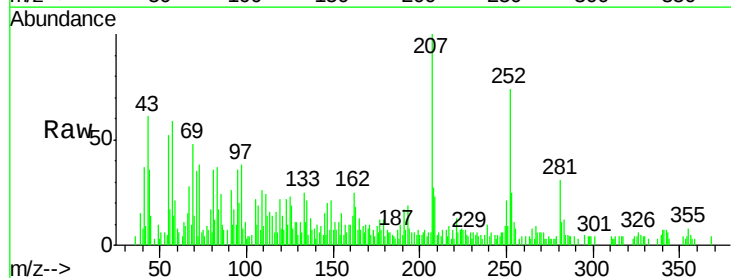
Instrument :
BNA_F
ClientSampleId :
A-2(8-15)

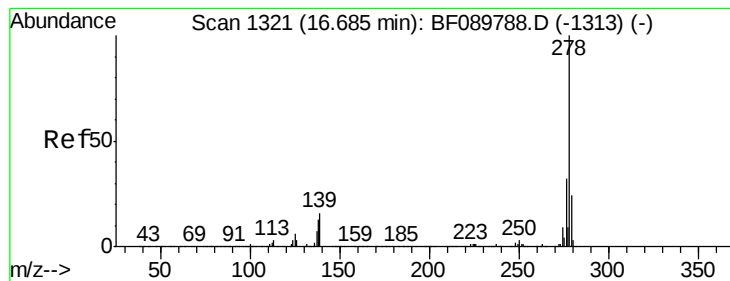
Tgt Ion:252 Resp: 16806
Ion Ratio Lower Upper
252 100
253 26.5 18.4 27.6
125 25.5 9.8 14.6#



#89
Benzo(a)pyrene
Concen: 0.16 ng
RT: 15.23 min Scan# 1194
Delta R.T. -0.08 min
Lab File: BF089814.D
Acq: 19 Aug 2016 23:33

Tgt Ion:252 Resp: 10268
Ion Ratio Lower Upper
252 100
253 34.3 17.8 26.8#
125 31.0 11.7 17.5#



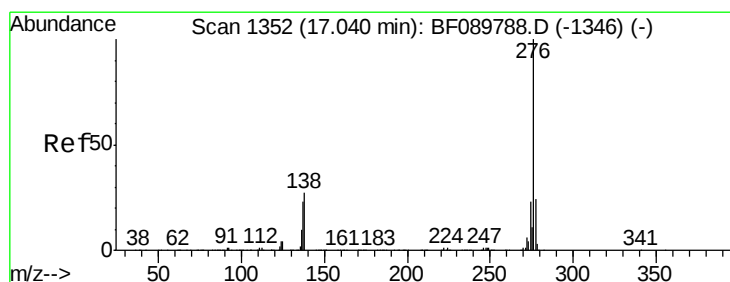
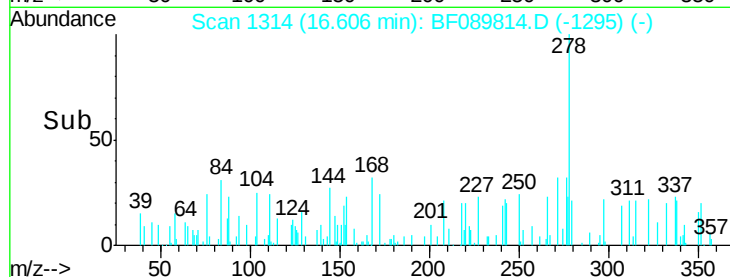
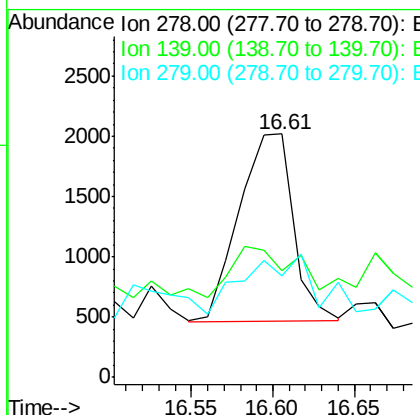
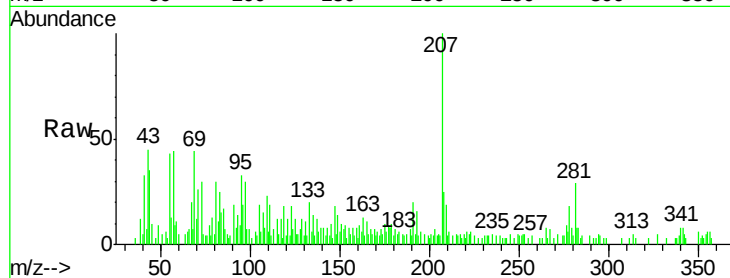


#90
Dibenzo(a,h)anthracene
Concen: 0.05 ng
RT: 16.61 min Scan# 1314
Delta R.T. -0.08 min
Lab File: BF089814.D
Acq: 19 Aug 2016 23:33

Instrument :
BNA_F
ClientSampleId :
A-2(8-15)

Tgt Ion: 278 Resp: 3586

Ion	Ratio	Lower	Upper
278	100		
139	43.8	14.9	22.3#
279	41.6	19.2	28.8#



#91
Benzo(g,h,i)perylene
Concen: 0.10 ng
RT: 16.96 min Scan# 1345
Delta R.T. -0.08 min
Lab File: BF089814.D
Acq: 19 Aug 2016 23:33

Tgt Ion: 276 Resp: 6967

Ion	Ratio	Lower	Upper
276	100		
277	29.4	19.2	28.8#
138	37.7	22.1	33.1#

