

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083116\
 Data File : BF089954.D
 Acq On : 31 Aug 2016 17:00
 Operator : UM/SJ
 Sample : PB93165BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 17:55:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 11:55:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	186623	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	723529	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	341888	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	608936	20.00	ng	0.00
75) Chrysene-d12	13.76	240	390788	20.00	ng	0.00
86) Perylene-d12	15.10	264	424066	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1369586	117.47	ng	0.01
7) Phenol-d6	6.28	99	1685798	118.99	ng	0.01
23) Nitrobenzene-d5	7.21	82	1094196	87.71	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	411394	121.97	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1906233	91.53	ng	0.00
78) Terphenyl-d14	12.72	244	1369702	86.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	207719	37.60	ng	99
3) Pyridine	2.80	79	560549	38.03	ng	97
4) n-Nitrosodimethylamine	2.75	42	329217	45.30	ng	99
6) Aniline	6.30	93	528390	27.33	ng	# 51
8) 2-Chlorophenol	6.42	128	551011	43.56	ng	93
9) Benzaldehyde	6.17	77	104998	11.49	ng	90
10) Phenol	6.30	94	585835	35.56	ng	93
11) bis(2-Chloroethyl)ether	6.39	93	568186	45.57	ng	86
12) 1,3-Dichlorobenzene	6.58	146	616350	43.63	ng	99
13) 1,4-Dichlorobenzene	6.65	146	607173	42.01	ng	100
14) 1,2-Dichlorobenzene	6.81	146	598195	46.16	ng	98
15) Benzyl Alcohol	6.79	79	398849	44.94	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1082579	45.54	ng	98
17) 2-Methylphenol	6.91	107	498893	49.39	ng	97
18) Hexachloroethane	7.15	117	217140	43.86	ng	98
19) n-Nitroso-di-n-propylamine	7.07	70	422110	45.72	ng	98
20) 3+4-Methylphenols	7.06	107	523537	42.76	ng	99
22) Acetophenone	7.05	105	688413	42.41	ng	# 93
24) Nitrobenzene	7.22	77	539991	40.71	ng	98
25) Isophorone	7.47	82	1116467	44.01	ng	98
26) 2-Nitrophenol	7.54	139	287103	45.28	ng	99
27) 2,4-Dimethylphenol	7.60	122	559694	47.72	ng	93
28) bis(2-Chloroethoxy)methane	7.69	93	744232	48.64	ng	99
29) 2,4-Dichlorophenol	7.78	162	475846	45.26	ng	99
30) 1,2,4-Trichlorobenzene	7.87	180	543757	47.30	ng	100
31) Naphthalene	7.94	128	1508124	41.84	ng	100
32) Benzoic acid	7.72	122	273566	34.63	ng	87
33) 4-Chloroaniline	8.00	127	282466	19.42	ng	95
34) Hexachlorobutadiene	8.07	225	289708	43.01	ng	99
35) Caprolactam	8.36	113	155276	46.79	ng	92
36) 4-Chloro-3-methylphenol	8.49	107	504674	45.32	ng	88
37) 2-Methylnaphthalene	8.64	142	1132090	47.53	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	387805	38.72	ng	99
40) Hexachlorocyclopentadiene	8.80	237	372802	72.59	ng	96

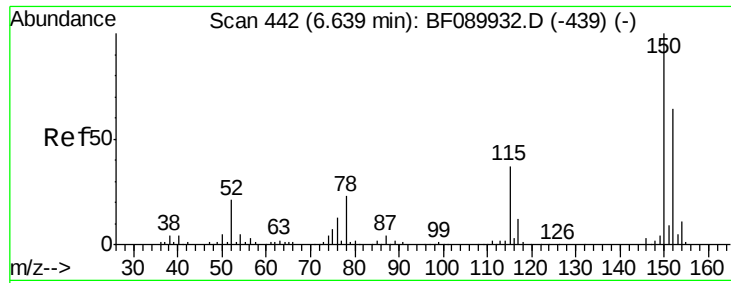
Data Path : Z:\HPCHEM1\BNA F\DATA\BF083116\
 Data File : BF089954.D
 Acq On : 31 Aug 2016 17:00
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 11:55:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	332168	47.86	nq	100
43) 2,4,5-Trichlorophenol	8.96	196	342605	51.33	nq	# 92
45) 1,1'-Biphenyl	9.10	154	1069370	38.85	nq	100
46) 2-Chloronaphthalene	9.12	162	926202	47.56	nq	99
47) 2-Nitroaniline	9.22	65	337279	52.98	nq	# 63
48) Acenaphthylene	9.53	152	1431625	44.46	nq	99
49) Dimethylphthalate	9.40	163	1127321	45.62	nq	99
50) 2,6-Dinitrotoluene	9.46	165	249345	45.37	nq	95
51) Acenaphthene	9.70	154	952892	46.71	nq	100
52) 3-Nitroaniline	9.62	138	160965	25.68	nq	99
53) 2,4-Dinitrophenol	9.74	184	162575	52.68	nq	# 55
54) Dibenzofuran	9.87	168	1283343	46.94	nq	99
55) 4-Nitrophenol	9.79	139	374655	79.24	nq	# 62
56) 2,4-Dinitrotoluene	9.86	165	312727	44.87	nq	# 85
57) Fluorene	10.22	166	981719	49.15	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	282506	49.44	nq	95
59) Diethylphthalate	10.10	149	1066272	45.87	nq	99
60) 4-Chlorophenyl-phenylether	10.22	204	466321	49.61	nq	95
61) 4-Nitroaniline	10.24	138	267687	43.46	nq	98
62) Azobenzene	10.36	77	1124983	48.45	nq	99
64) 4,6-Dinitro-2-methylphenol	10.26	198	119857	30.74	nq	99
65) n-Nitrosodiphenylamine	10.33	169	864847	47.24	nq	100
66) 4-Bromophenyl-phenylether	10.70	248	303962	49.58	nq	98
67) Hexachlorobenzene	10.75	284	298929	42.69	nq	99
68) Atrazine	10.87	200	314086	51.39	nq	91
69) Pentachlorophenol	10.95	266	306010	81.23	nq	97
70) Phenanthrene	11.16	178	1427595	47.08	nq	99
71) Anthracene	11.21	178	1358372	44.17	nq	100
72) Carbazole	11.37	167	1238152	42.93	nq	99
73) Di-n-butylphthalate	11.71	149	1599254	47.58	nq	100
74) Fluoranthene	12.34	202	1375558	43.29	nq	99
76) Benzidine	12.47	184	638237	43.11	nq	96
77) Pyrene	12.56	202	1236624	44.88	nq	99
79) Butylbenzylphthalate	13.20	149	559012	50.31	nq	100
80) Benzo(a)anthracene	13.75	228	1138861	47.58	nq	100
81) 3,3'-Dichlorobenzidine	13.71	252	350084	40.52	nq	99
82) Chrysene	13.78	228	1090428	48.77	nq	100
83) Bis(2-ethylhexyl)phthalate	13.77	149	773867	50.35	nq	100
84) Di-n-octyl phthalate	14.38	149	1348939	54.38	nq	99
85) Indeno(1,2,3-cd)pyrene	16.33	276	1165764	70.53	nq	99
87) Benzo(b)fluoranthene	14.77	252	2145493	80.76	nq	# 97
88) Benzo(k)fluoranthene	14.77	252	2146203	95.20	nq	98
89) Benzo(a)pyrene	15.05	252	1094986	48.11	nq	# 98
90) Dibenzo(a,h)anthracene	16.35	278	977297	58.60	nq	98
91) Benzo(g,h,i)perylene	16.70	276	959009	57.13	nq	# 95

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

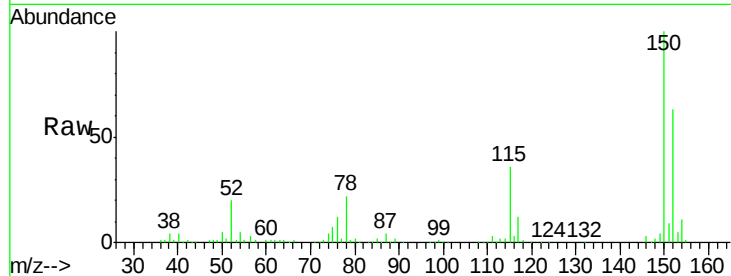


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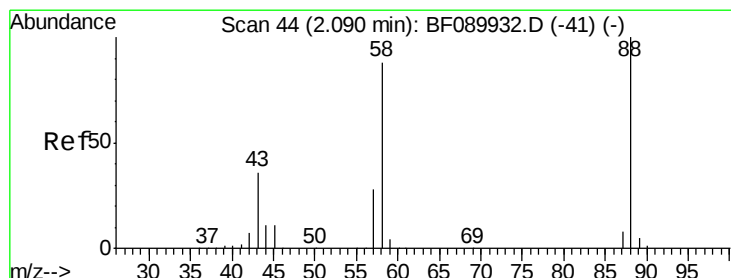
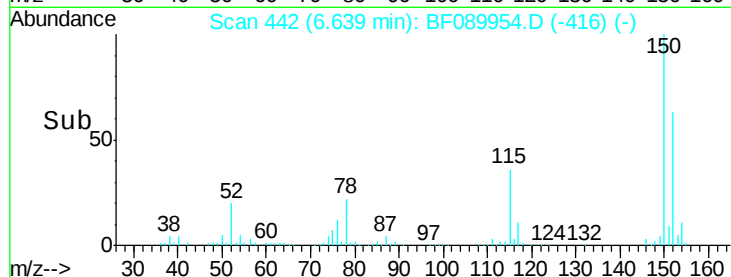
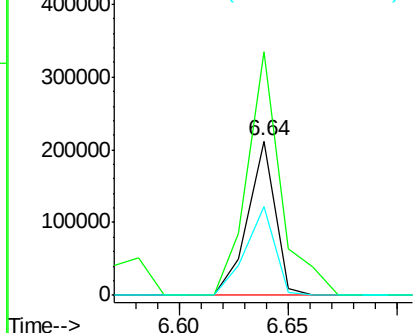
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 186623
Ion Ratio Lower Upper
152 100
150 158.0 127.4 191.2
115 57.6 46.3 69.5



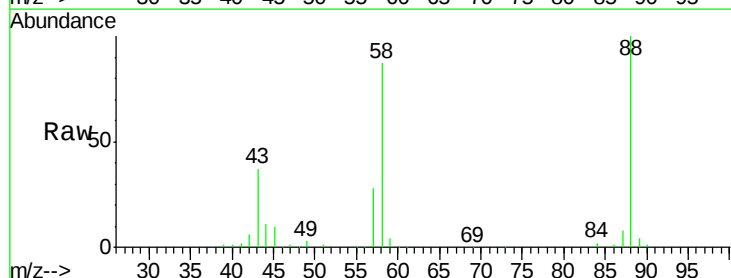
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



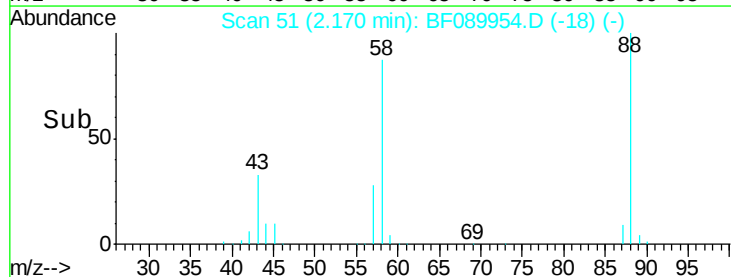
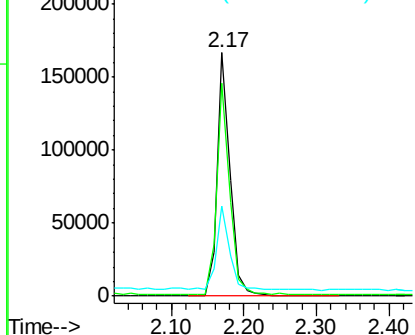
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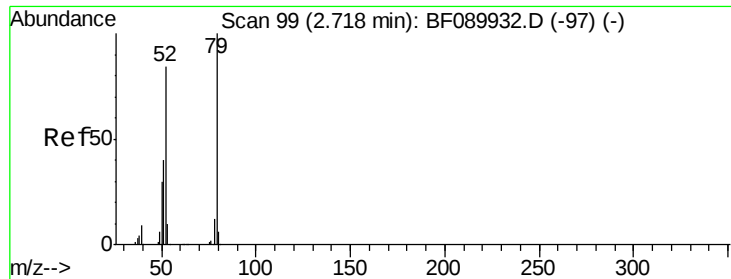
1,4-Dioxane
Concen: 37.60 ng
RT: 2.17 min Scan# 51
Delta R.T. 0.08 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Tgt Ion: 88 Resp: 207719
Ion Ratio Lower Upper
88 100
58 85.6 68.8 103.2
43 32.8 27.0 40.6



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.03 ng

RT: 2.80 min Scan# 106

Delta R.T. 0.08 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

ClientSampleId :

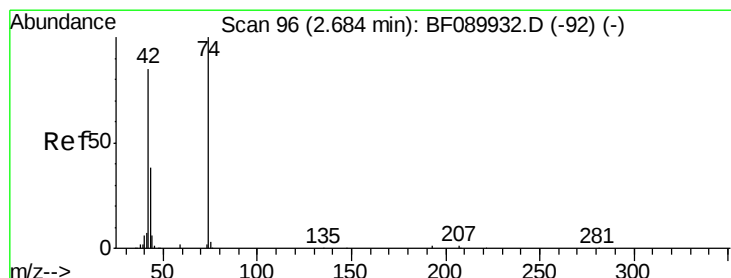
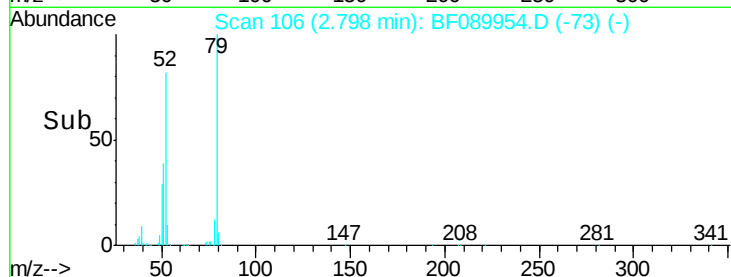
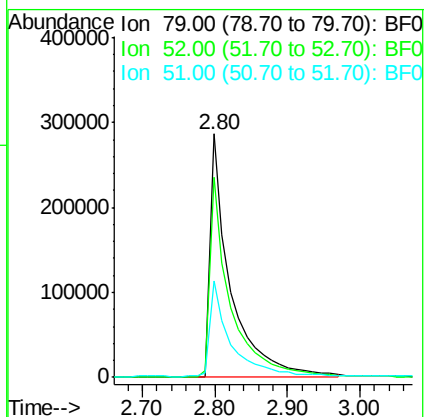
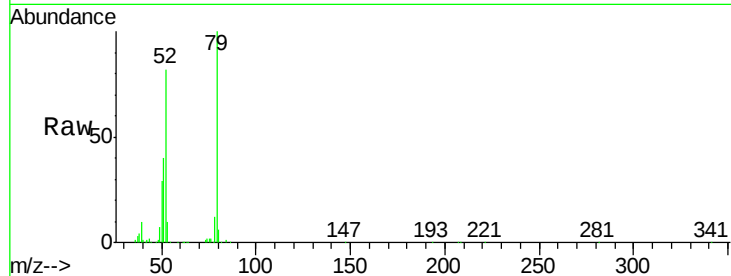
Tot Ion: 79 Resp: 560549

Ion Ratio Lower Upper

79 100

52 82.2 67.8 101.6

51 39.8 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 45.30 ng

RT: 2.75 min Scan# 102

Delta R.T. 0.07 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

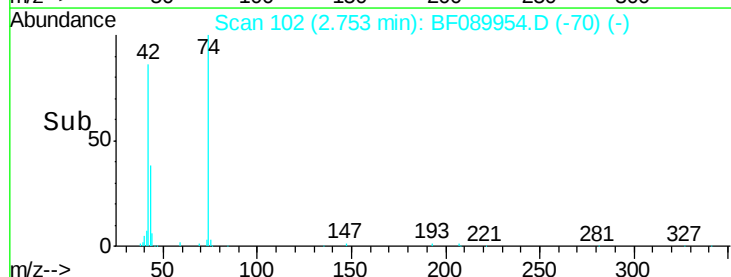
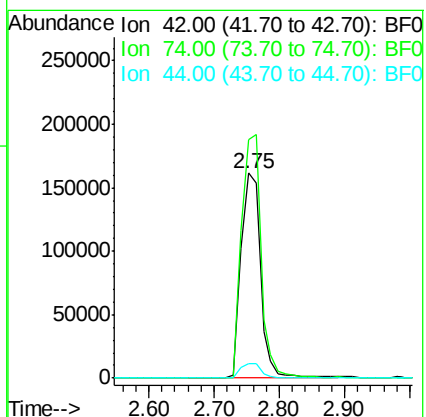
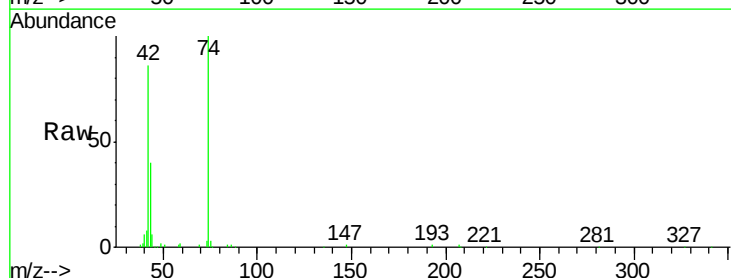
Tgt Ion: 42 Resp: 329217

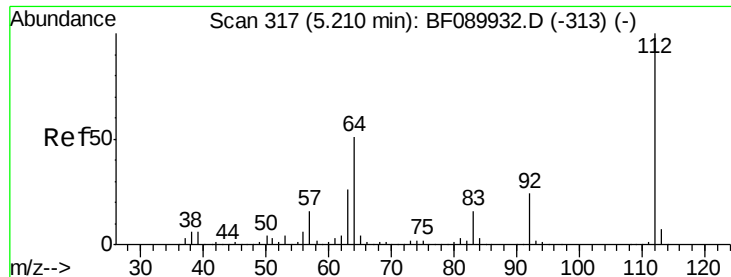
Ion Ratio Lower Upper

42 100

74 116.2 92.0 138.0

44 7.3 5.8 8.8





#5

2-Fluorophenol

Concen: 117.47 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

ClientSampled :

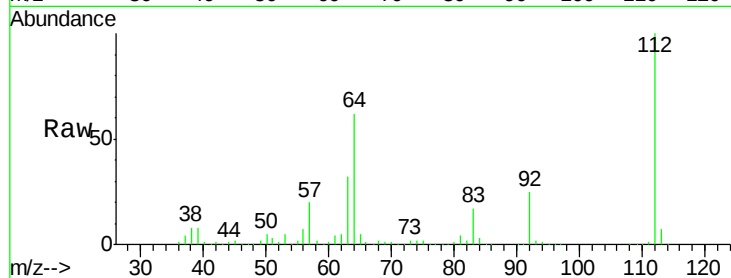
Tot Ion:112 Resp: 1369586

Ion Ratio Lower Upper

112 100

64 61.6 41.1 61.7

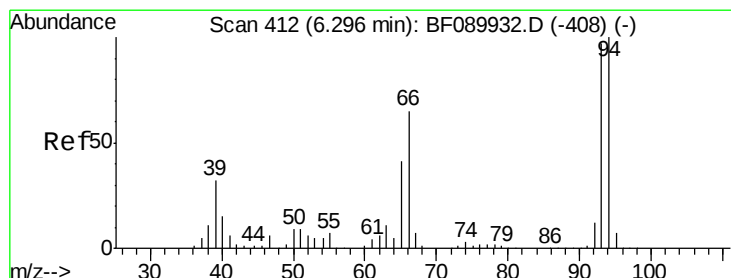
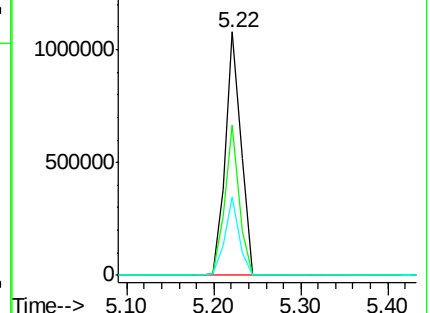
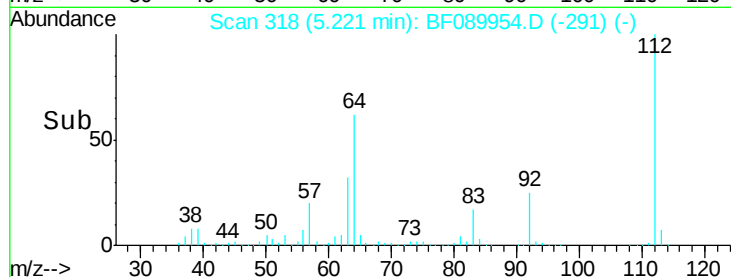
63 32.0 21.2 31.8#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.33 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

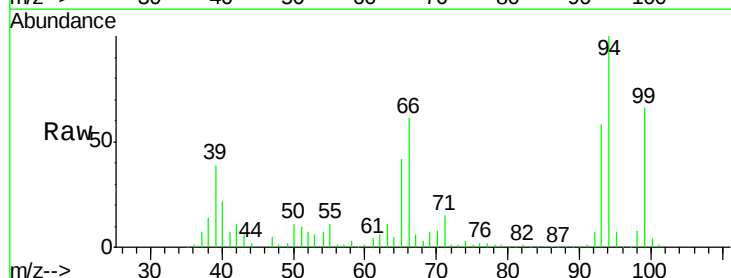
Tgt Ion: 93 Resp: 528390

Ion Ratio Lower Upper

93 100

66 104.9 52.9 79.3#

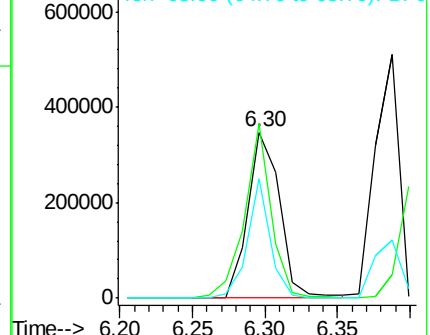
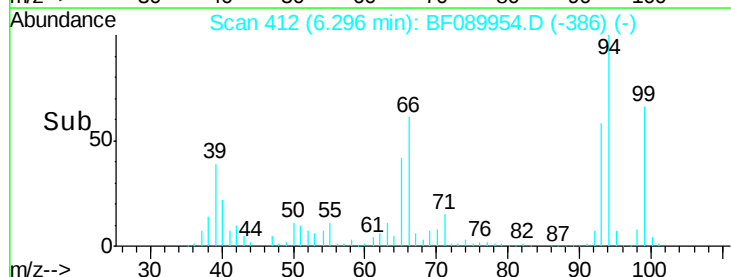
65 71.8 33.0 49.6#

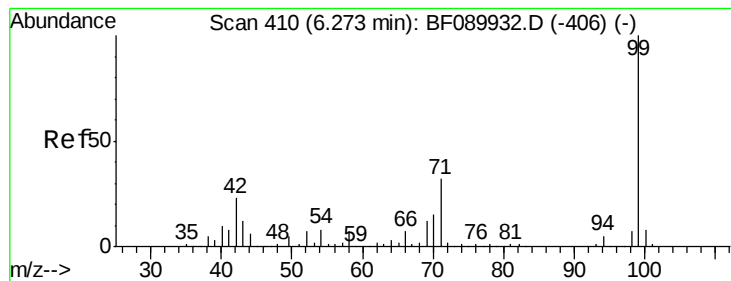


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 118.99 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

ClientSampleId :

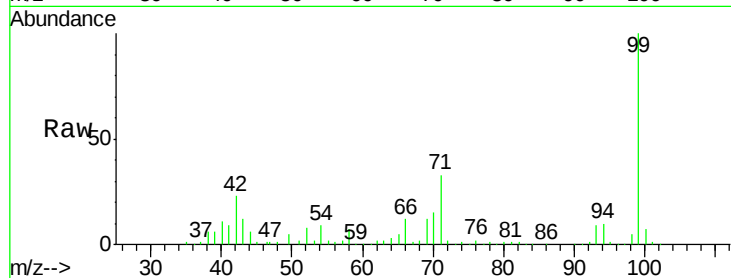
Tot Ion: 99 Resp: 1685798

Ion	Ratio	Lower	Upper
99	100		
42	23.1	18.6	27.8
71	32.6	25.8	38.6

99 100

42 23.1 18.6 27.8

71 32.6 25.8 38.6

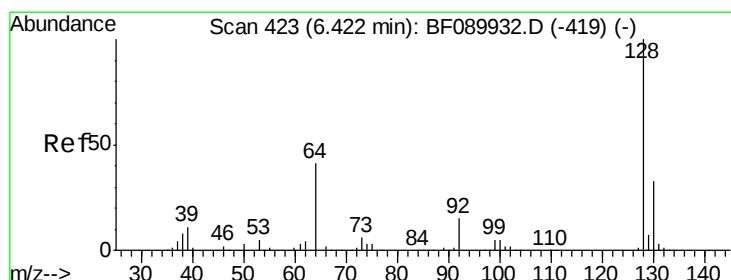
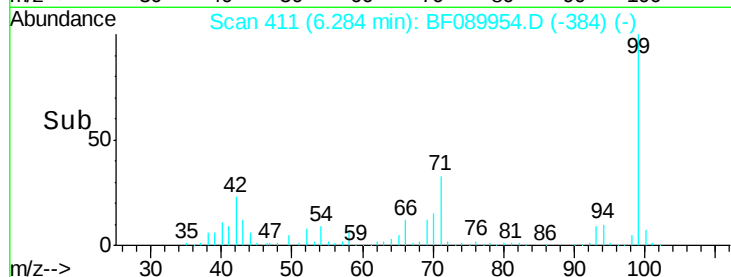
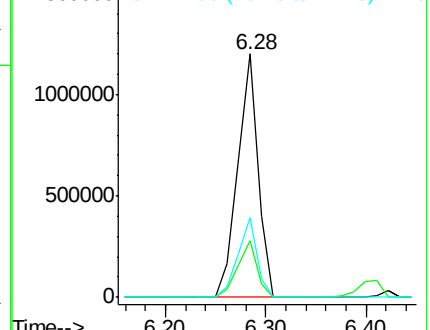


Abundance

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: 43.56 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

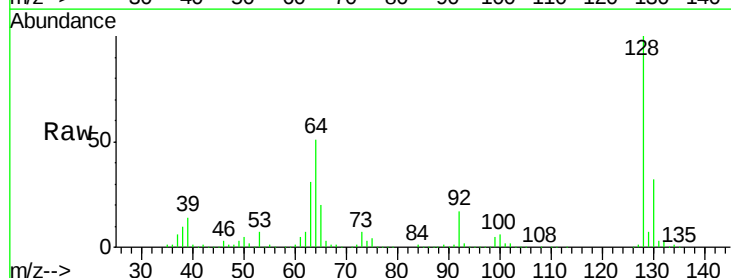
Tgt Ion: 128 Resp: 551011

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.8	52.8
64	50.7	23.2	63.2

128 100

130 32.4 12.8 52.8

64 50.7 23.2 63.2

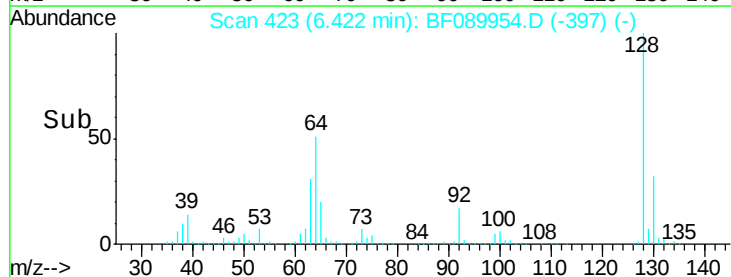
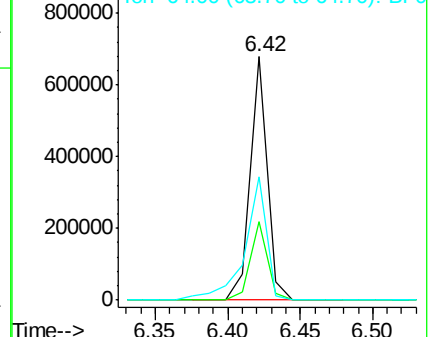


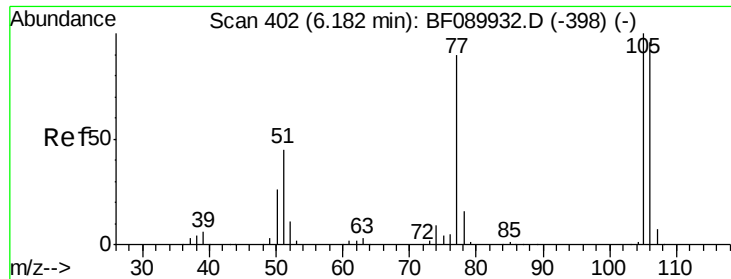
Abundance

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

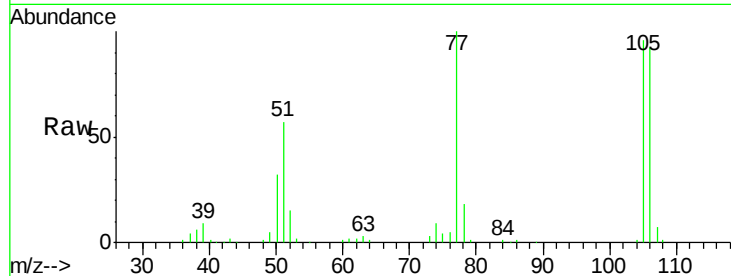




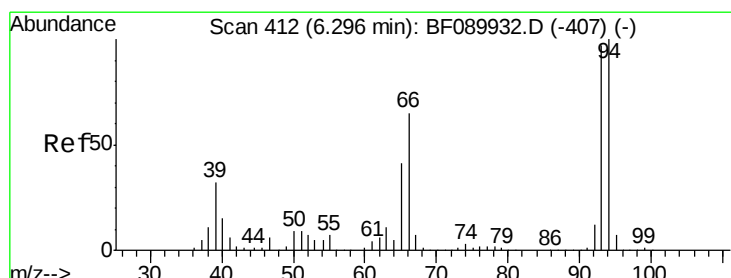
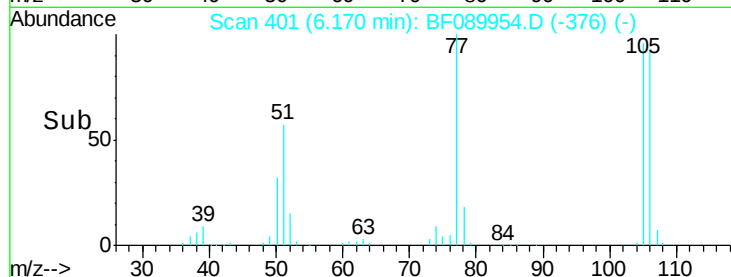
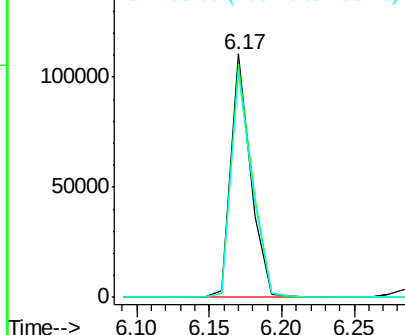
#9
Benzaldehyde
Concen: 11.49 ng
RT: 6.17 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 104998
Ion Ratio Lower Upper
77 100
105 95.6 85.4 125.4
106 92.0 83.4 123.4

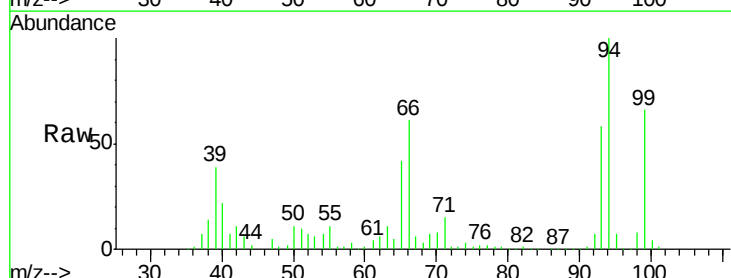


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

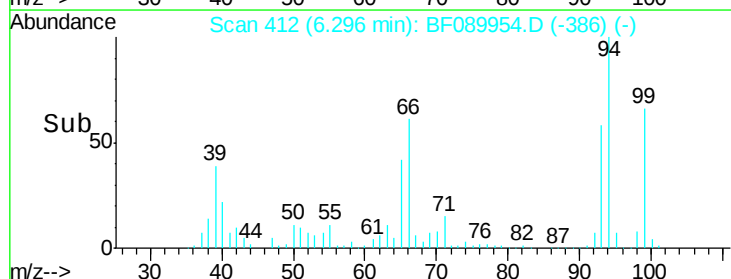
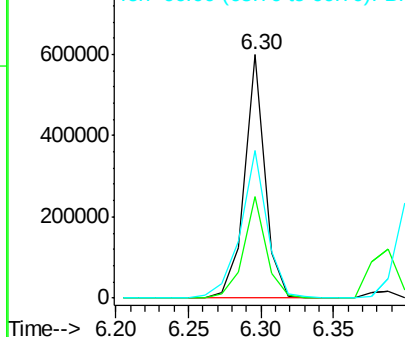


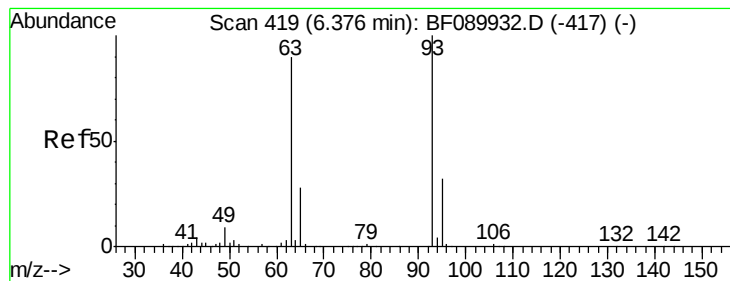
#10
Phenol
Concen: 35.56 ng
RT: 6.30 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Tgt Ion: 94 Resp: 585835
Ion Ratio Lower Upper
94 100
65 41.6 23.2 63.2
66 60.9 49.2 89.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 45.57 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.01 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

ClientSampleId :

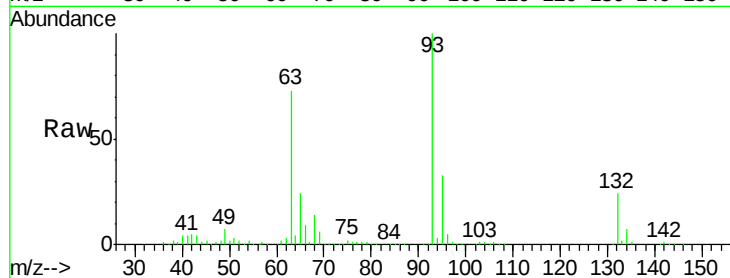
Tot Ion: 93 Resp: 568186

Ion Ratio Lower Upper

93 100

63 72.9 71.1 111.1

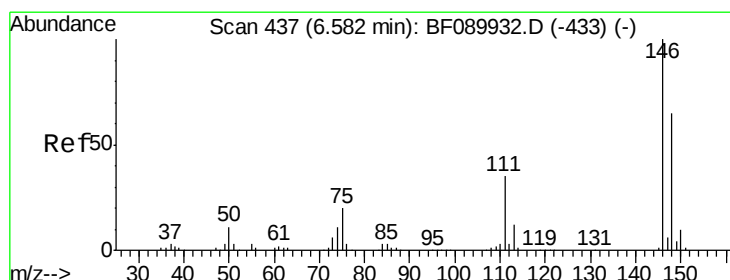
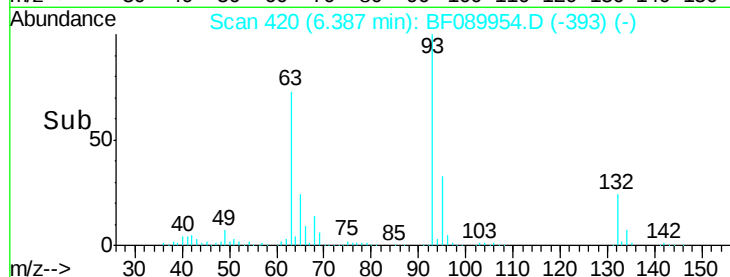
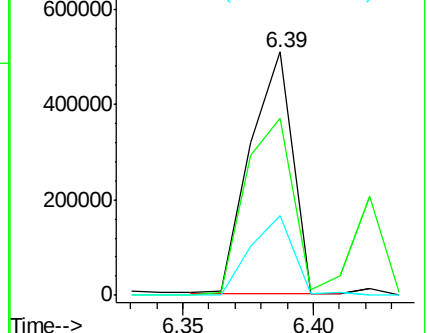
95 32.8 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 43.63 ng

RT: 6.58 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

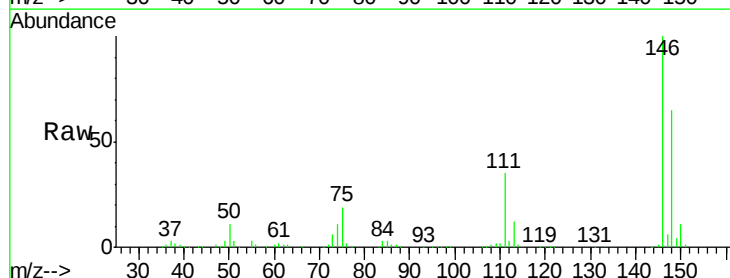
Tgt Ion: 146 Resp: 616350

Ion Ratio Lower Upper

146 100

148 64.9 52.5 78.7

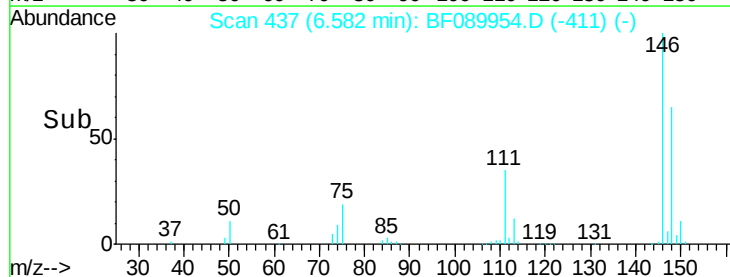
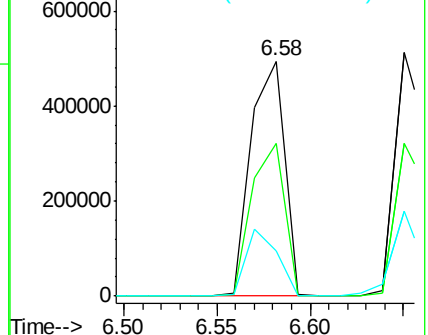
75 19.5 16.6 24.8

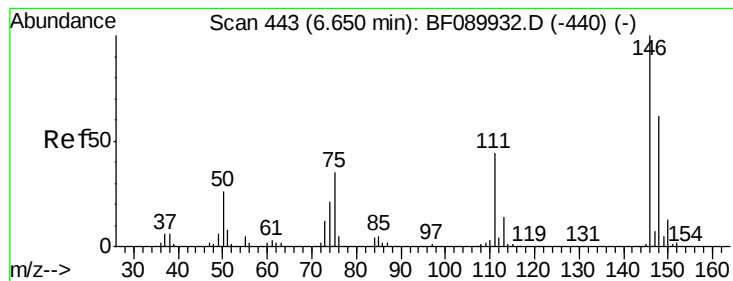


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 42.01 ng

RT: 6.65 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

ClientSampled :

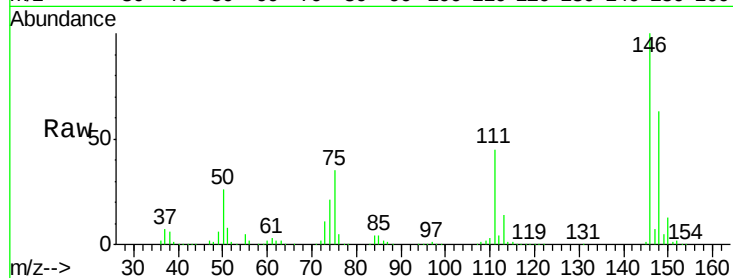
Tot Ion:146 Resp: 607173

Ion Ratio Lower Upper

146 100

148 62.6 50.1 75.1

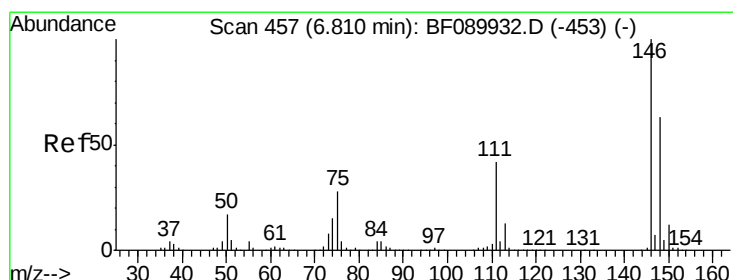
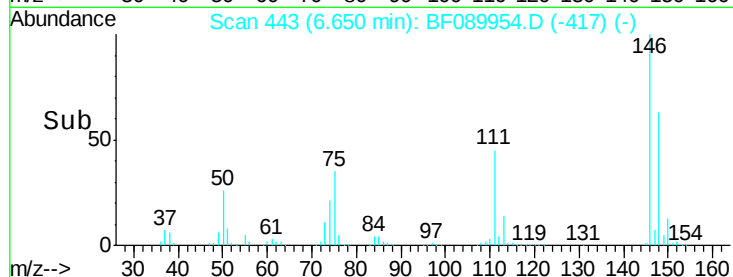
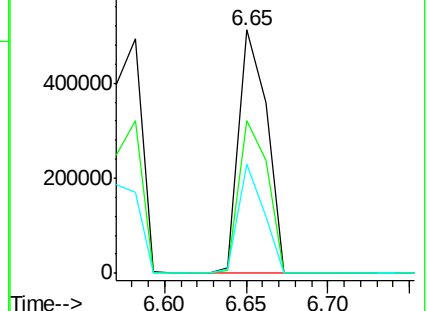
111 44.7 35.8 53.6



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



#14

1,2-Dichlorobenzene

Concen: 46.16 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

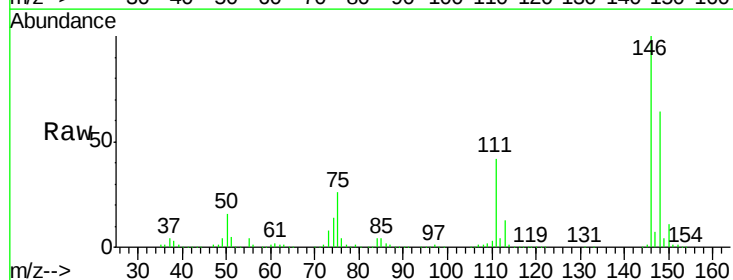
Tgt Ion:146 Resp: 598195

Ion Ratio Lower Upper

146 100

148 63.6 51.4 77.2

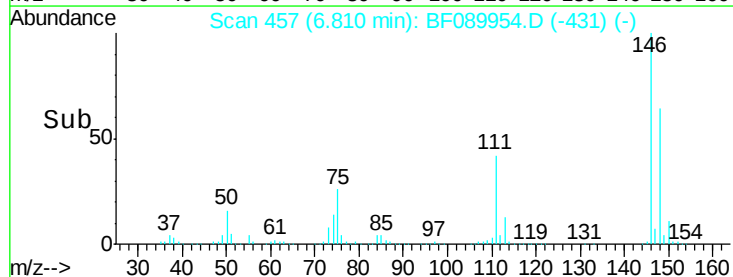
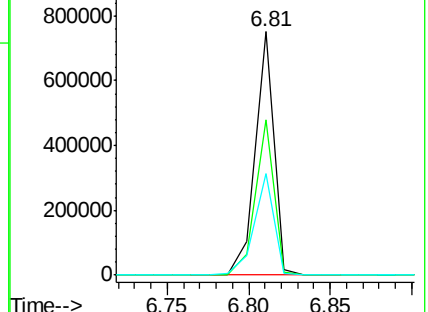
111 41.6 34.6 51.8

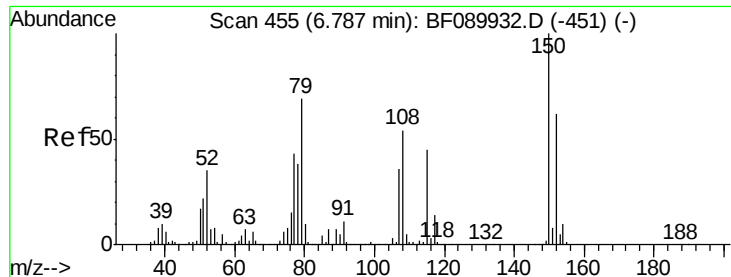


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.94 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :
BNA_F
ClientSampled :

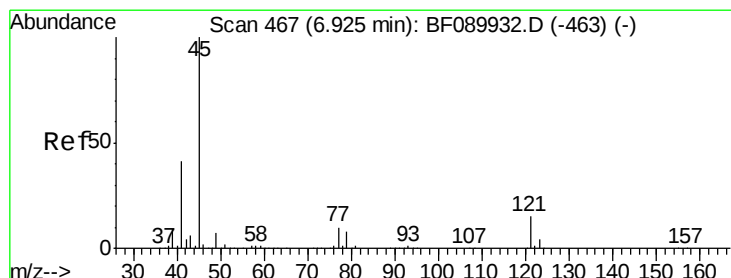
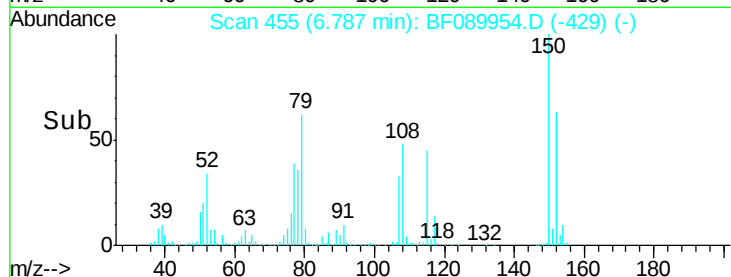
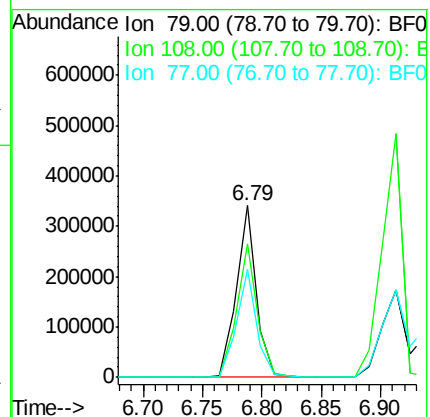
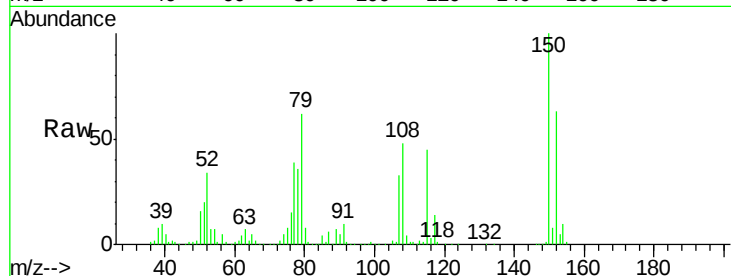
Tot Ion: 79 Resp: 398849

Ion Ratio Lower Upper

79 100

108 77.6 62.1 93.1

77 62.7 50.1 75.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.54 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.01 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

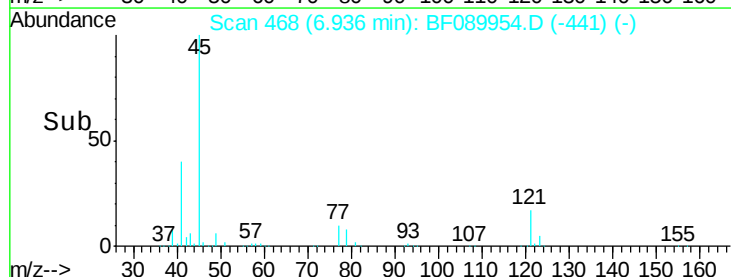
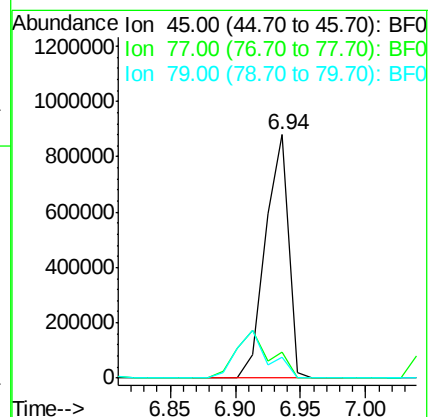
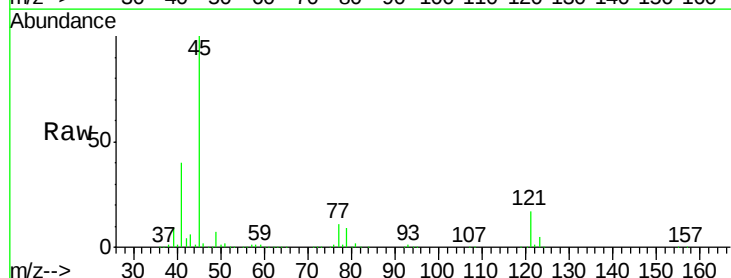
Tgt Ion: 45 Resp: 1082579

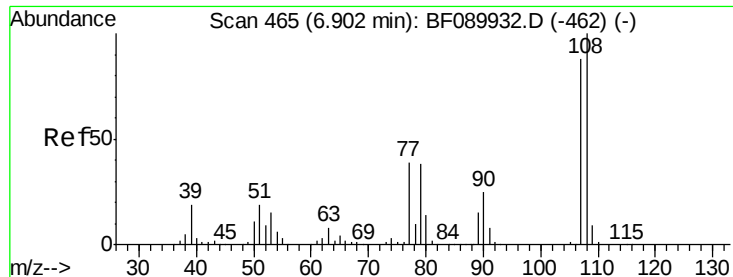
Ion Ratio Lower Upper

45 100

77 10.8 0.0 30.3

79 8.6 0.0 27.5





#17

2-Methylphenol

Concen: 49.39 ng

RT: 6.91 min Scan# 466

Delta R.T. 0.01 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 498893

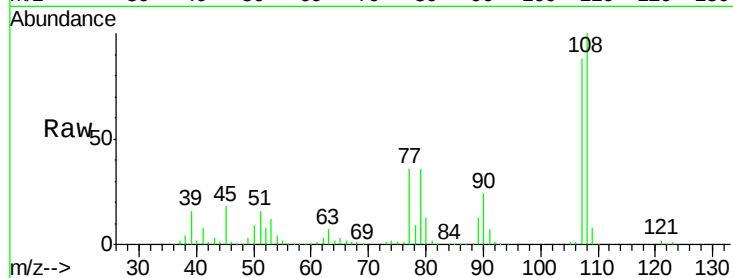
Ion Ratio Lower Upper

107 100

108 113.4 91.8 137.6

77 41.0 36.0 54.0

79 41.0 35.9 53.9

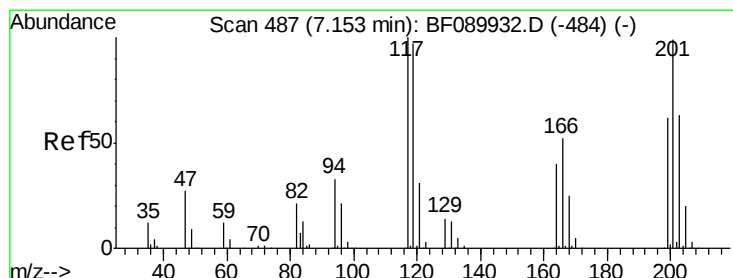
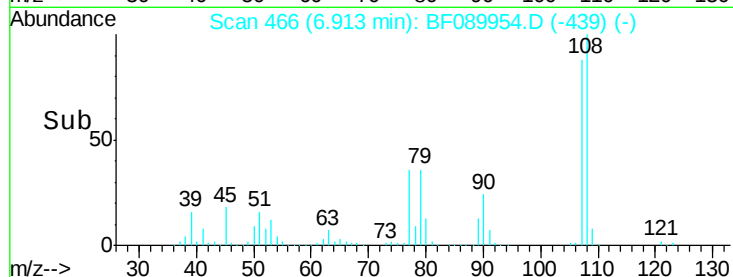
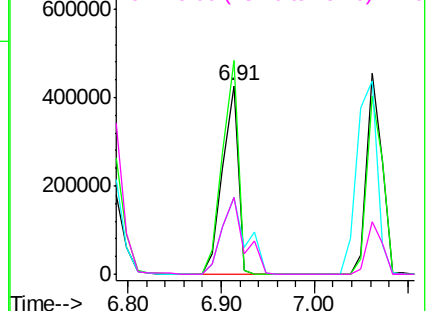


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.86 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

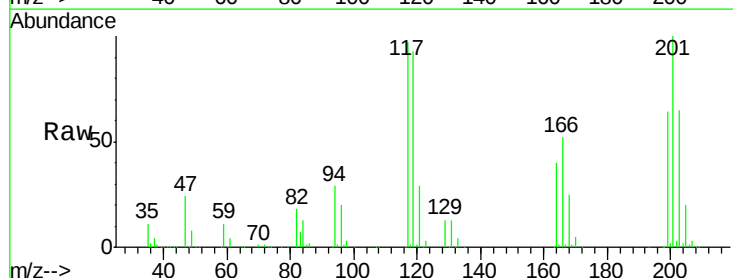
Tgt Ion:117 Resp: 217140

Ion Ratio Lower Upper

117 100

119 96.4 76.2 114.2

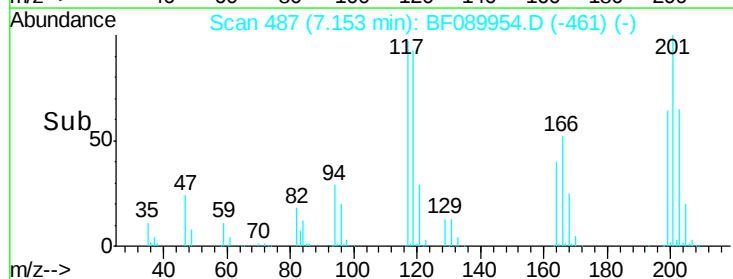
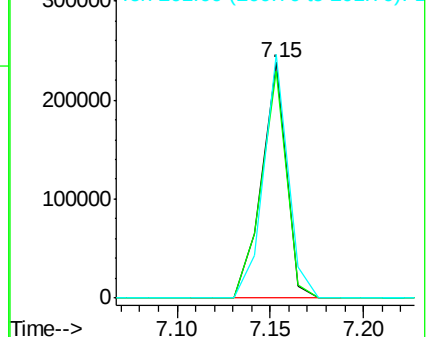
201 103.3 80.2 120.2

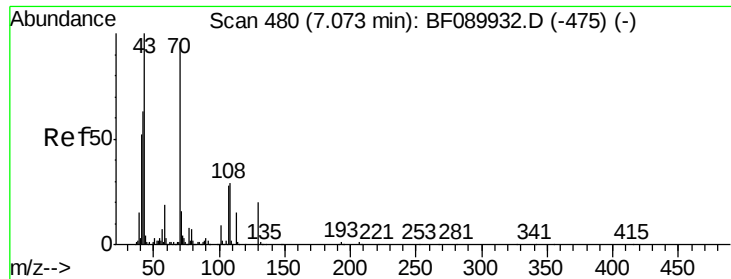


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

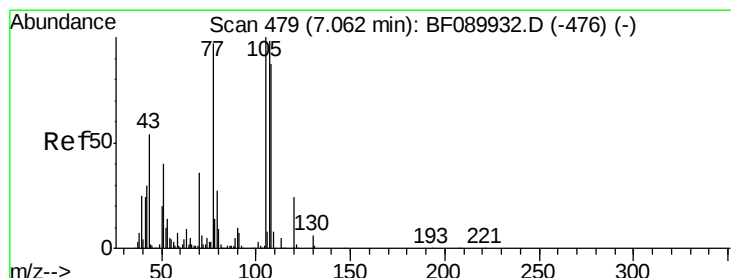
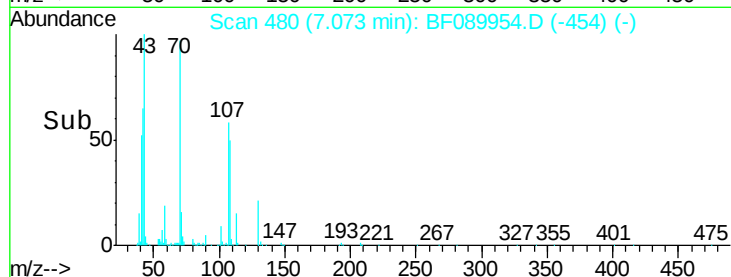
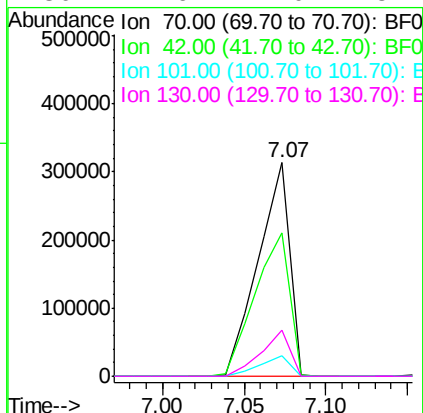
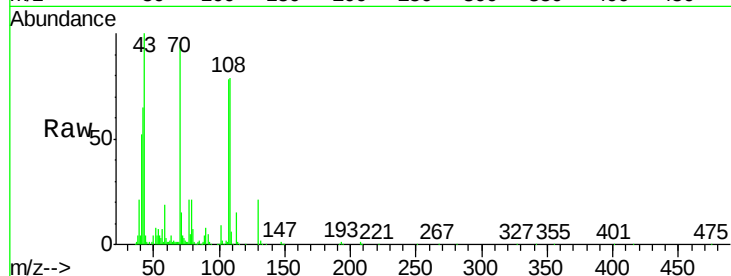




#19
n-Nitroso-di-n-propylamine
Concen: 45.72 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

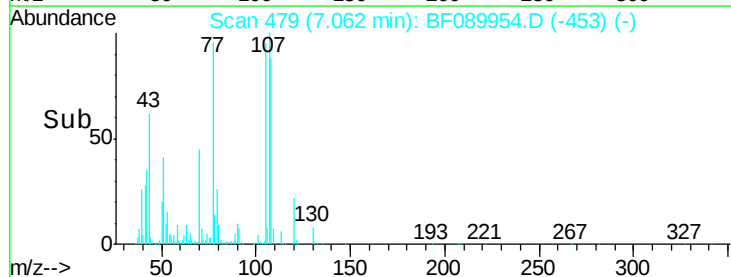
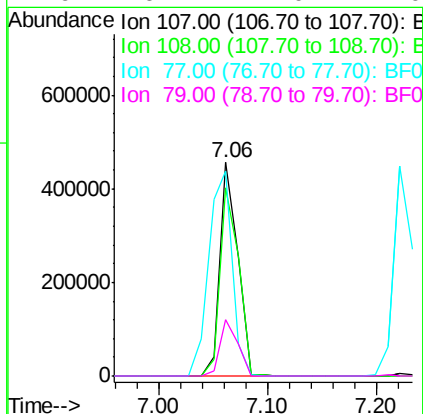
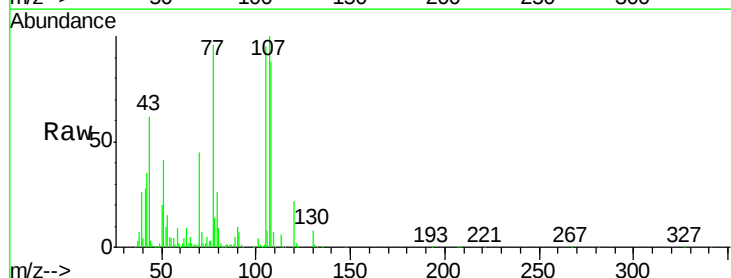
Instrument :
BNA_F
ClientSampled :

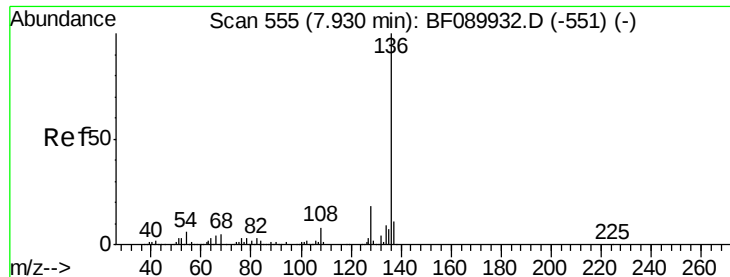
Tot Ion:	70	Resp:	422110
Ion	Ratio	Lower	Upper
70	100		
42	67.3	52.1	78.1
101	9.7	7.4	11.2
130	21.6	17.0	25.4



#20
3+4-Methylphenols
Concen: 42.76 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Tgt Ion:	107	Resp:	523537
Ion	Ratio	Lower	Upper
107	100		
108	88.3	70.2	110.2
77	95.7	75.7	115.7
79	26.2	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 723529

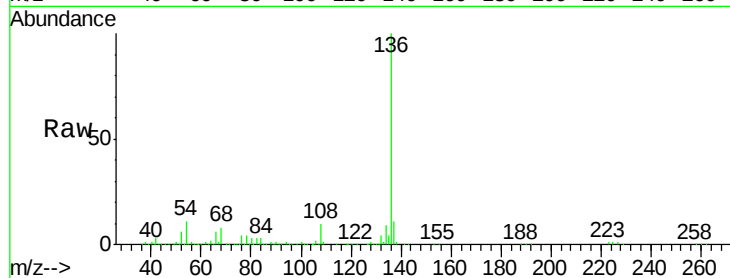
Ion Ratio Lower Upper

136 100

137 11.1 8.3 12.5

54 11.3 4.8 7.2#

68 7.7 3.7 5.5#

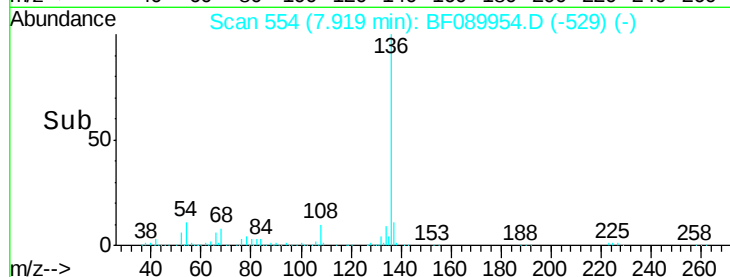


Abundance Ion 136.00 (135.70 to 136.70): E

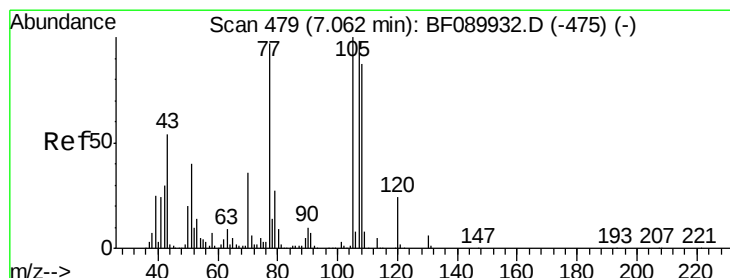
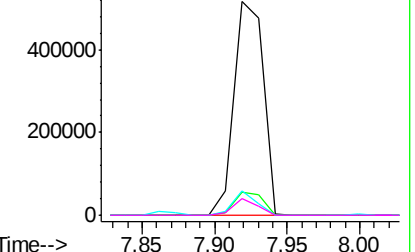
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 42.41 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Tgt Ion:105 Resp: 688413

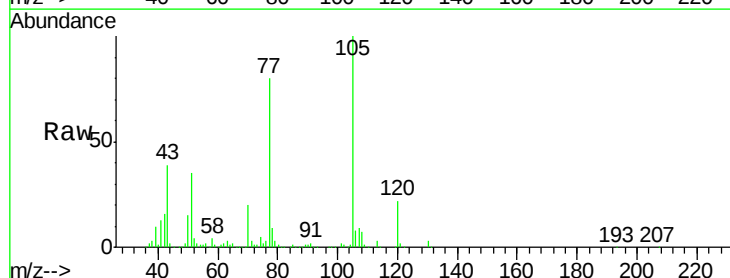
Ion Ratio Lower Upper

105 100

71 3.2 5.3 7.9#

51 35.0 32.6 48.8

120 21.9 18.6 28.0

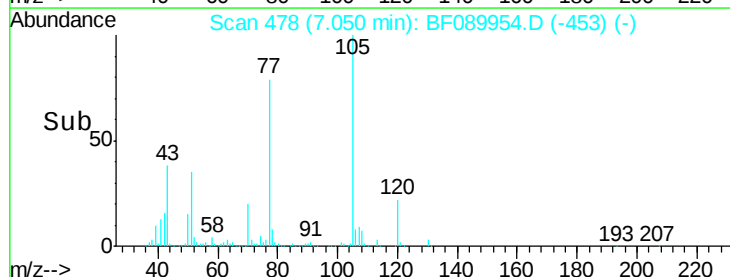


Abundance Ion 105.00 (104.70 to 105.70): E

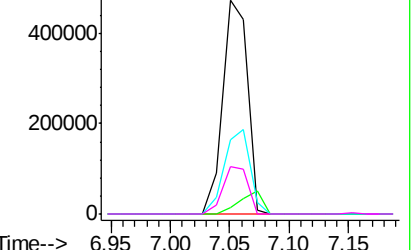
Ion 71.00 (70.70 to 71.70): BF0

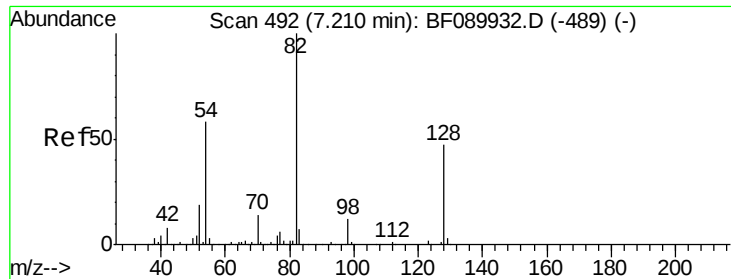
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 87.71 ng

RT: 7.21 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

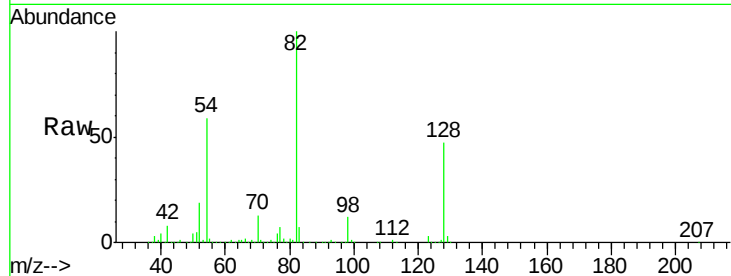
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 1094196

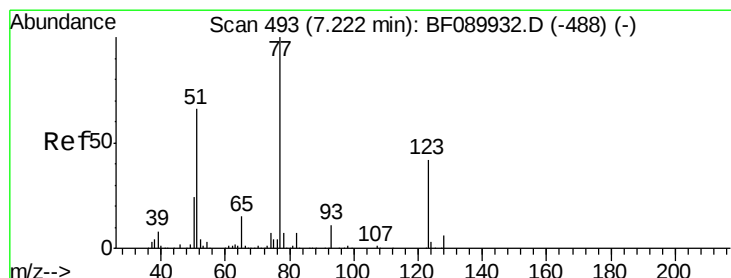
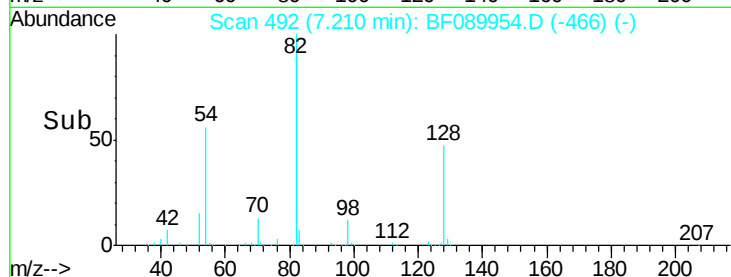
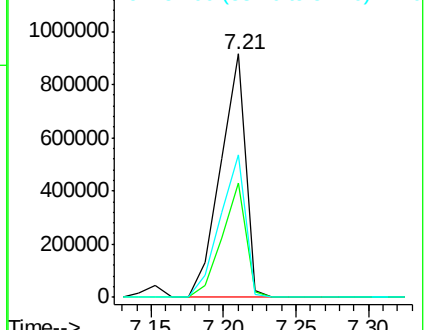
Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.8	56.8
54	58.6	46.9	70.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 40.71 ng

RT: 7.22 min Scan# 493

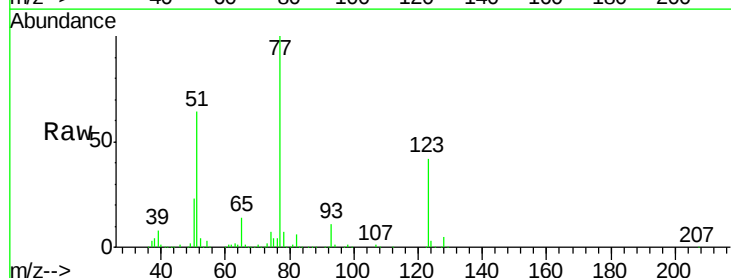
Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Tgt Ion: 77 Resp: 539991

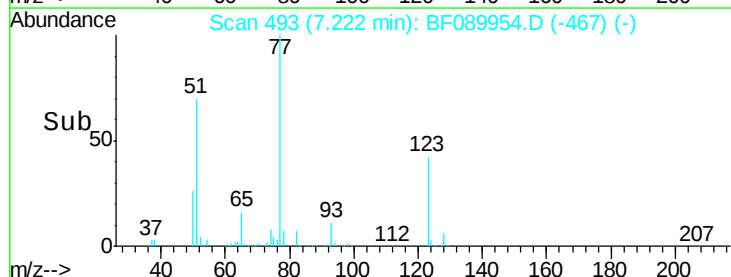
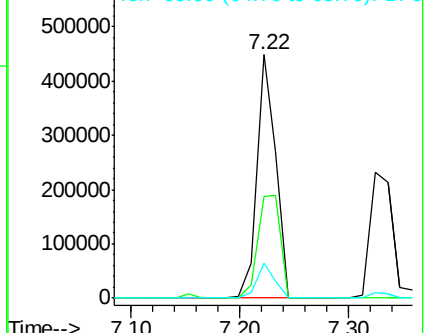
Ion	Ratio	Lower	Upper
77	100		
123	41.9	32.0	48.0
65	14.3	11.2	16.8

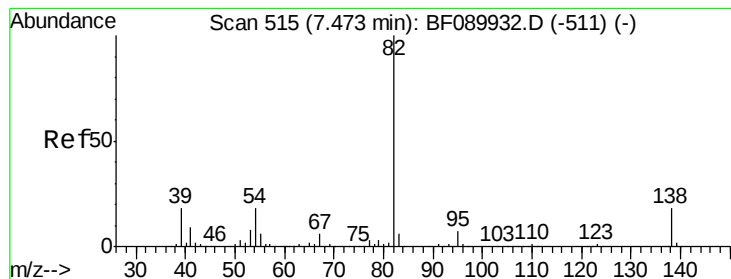


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 44.01 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

ClientSampleId :

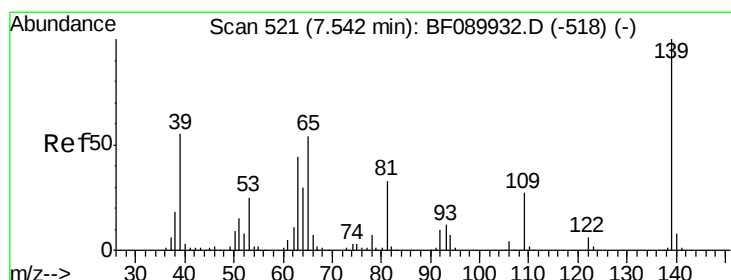
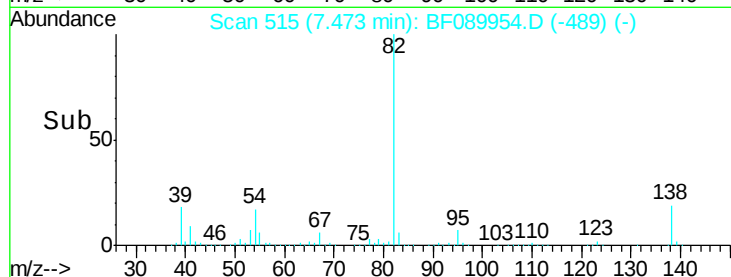
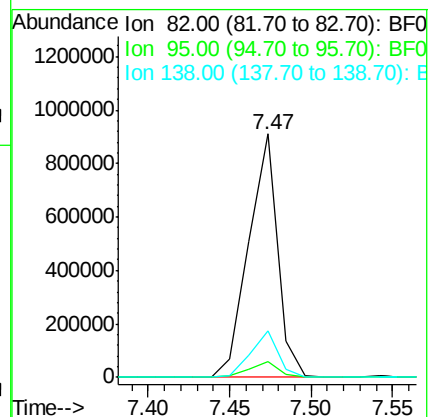
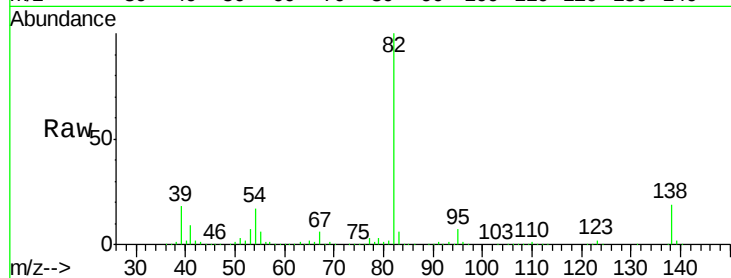
Tot Ion: 82 Resp: 1116467

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

138 18.9 14.4 21.6



#26

2-Nitrophenol

Concen: 45.28 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

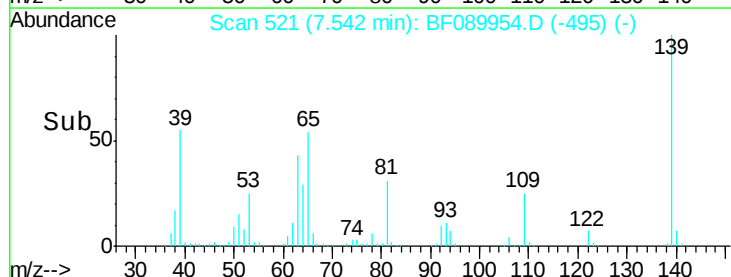
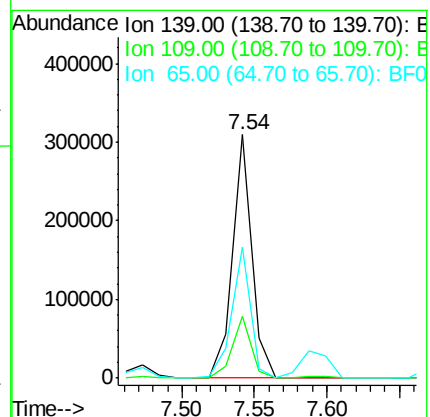
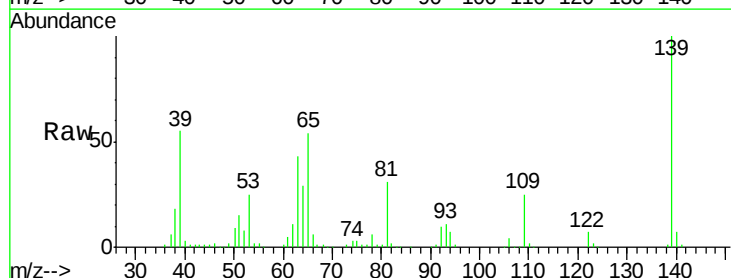
Tgt Ion:139 Resp: 287103

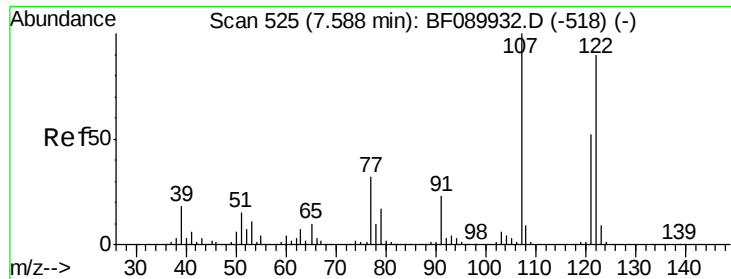
Ion Ratio Lower Upper

139 100

109 25.3 21.0 31.4

65 53.8 43.4 65.0

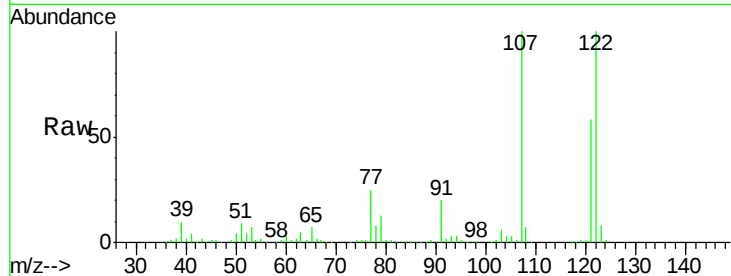




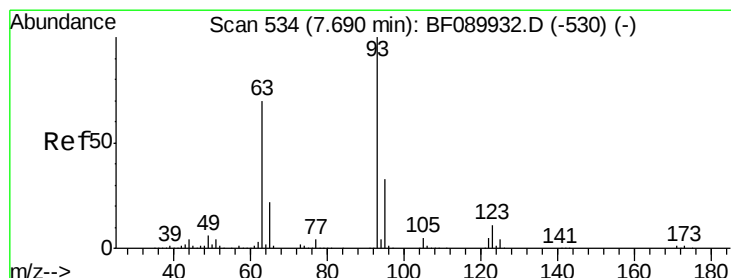
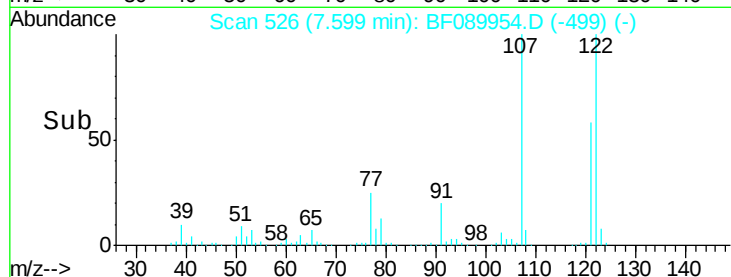
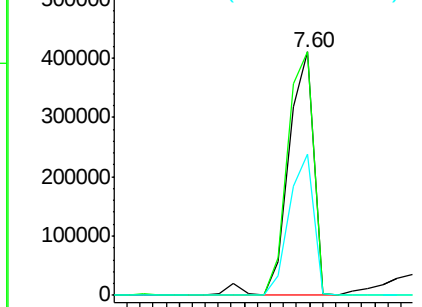
#27
2,4-Dimethylphenol
Concen: 47.72 ng
RT: 7.60 min Scan# 526
Delta R.T. 0.01 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 559694
Ion Ratio Lower Upper
122 100
107 100.2 88.5 132.7
121 58.1 46.0 69.0

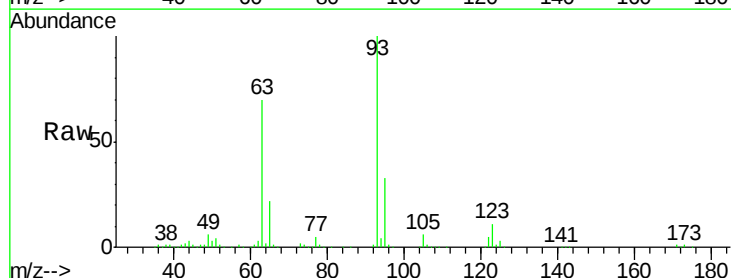


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

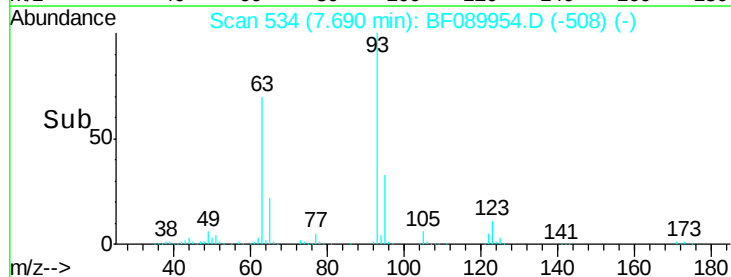
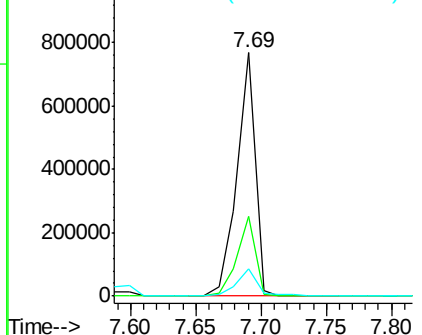


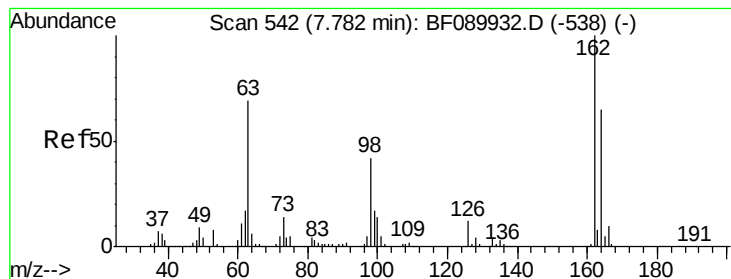
#28
bis(2-Chloroethoxy)methane
Concen: 48.64 ng
RT: 7.69 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Tgt Ion: 93 Resp: 744232
Ion Ratio Lower Upper
93 100
95 32.6 26.6 40.0
123 11.1 9.1 13.7



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.26 ng

RT: 7.78 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

ClientSampled :

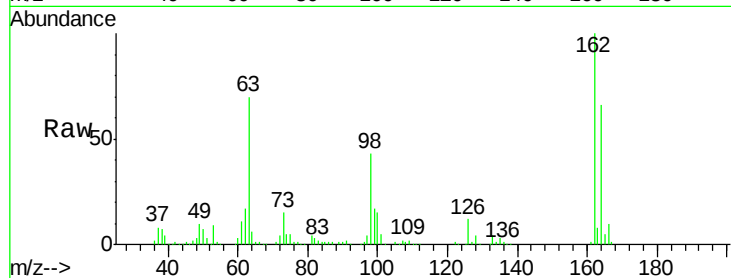
Tot Ion:162 Resp: 475846

Ion Ratio Lower Upper

162 100

164 65.7 46.6 86.6

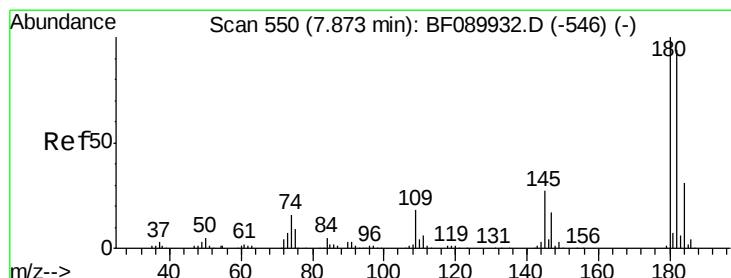
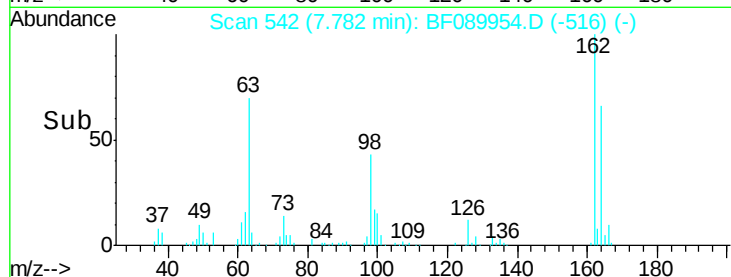
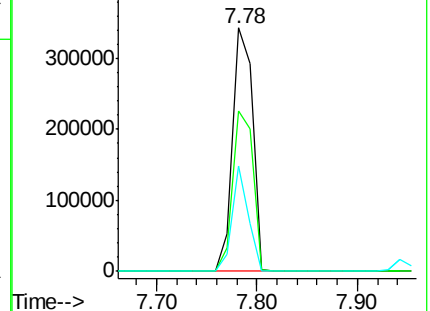
98 43.1 22.0 62.0



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



#30

1,2,4-Trichlorobenzene

Concen: 47.30 ng

RT: 7.87 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

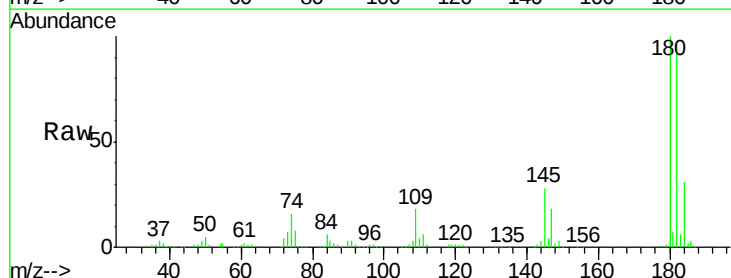
Tgt Ion:180 Resp: 543757

Ion Ratio Lower Upper

180 100

182 95.6 76.2 114.2

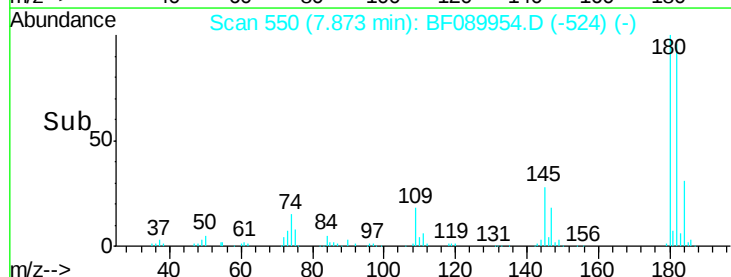
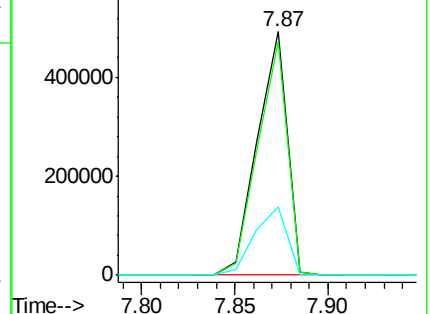
145 28.0 22.2 33.4

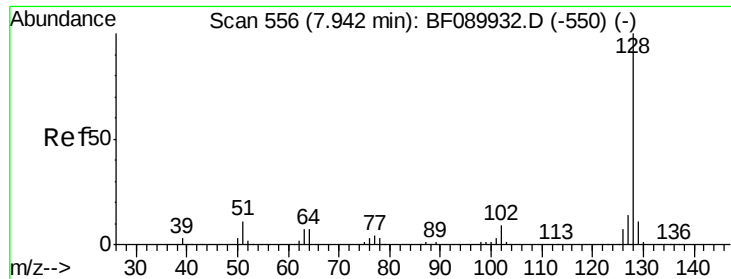


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.84 ng

RT: 7.94 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

ClientSampleId :

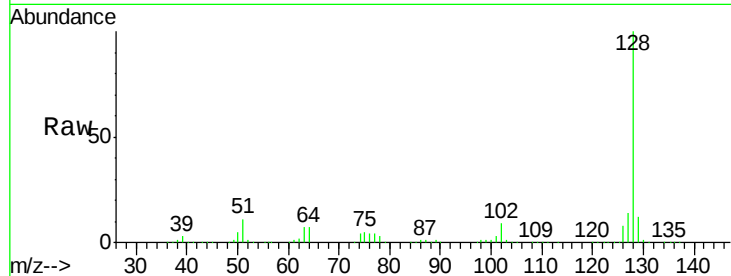
Tot Ion:128 Resp: 1508124

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.0

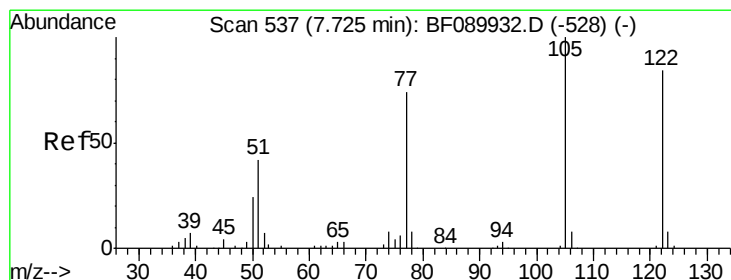
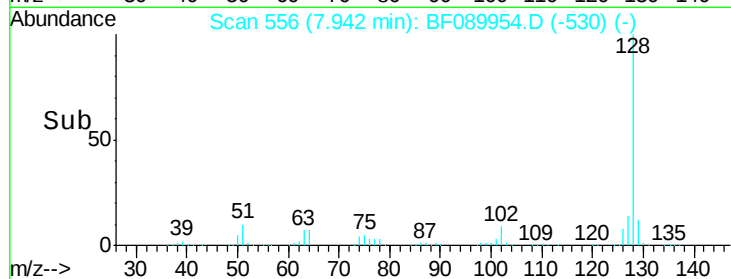
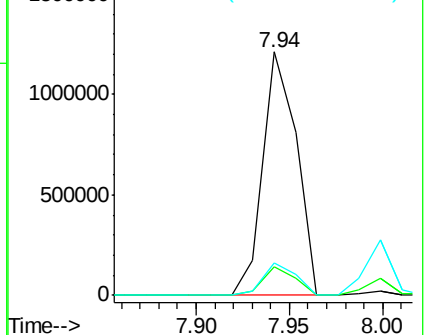
127 13.6 10.7 16.1



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: 34.63 ng

RT: 7.72 min Scan# 537

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

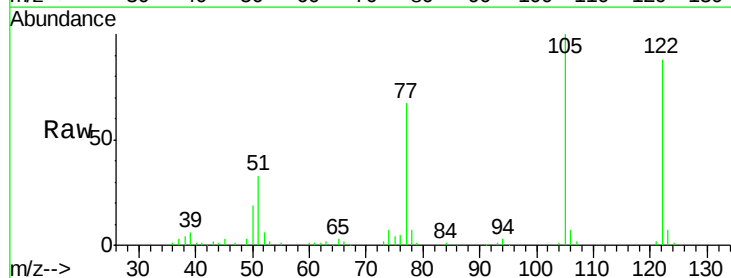
Tgt Ion:122 Resp: 273566

Ion Ratio Lower Upper

122 100

105 113.0 102.2 142.2

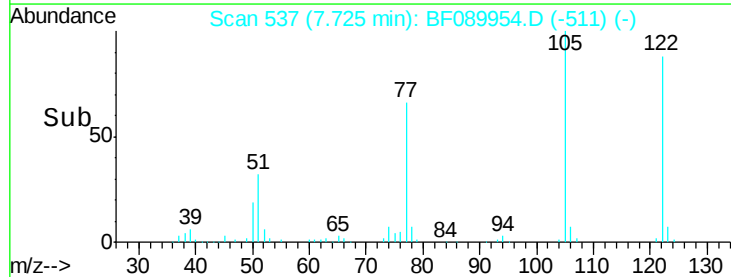
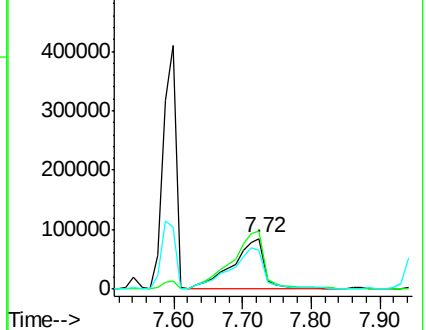
77 75.7 74.1 114.1

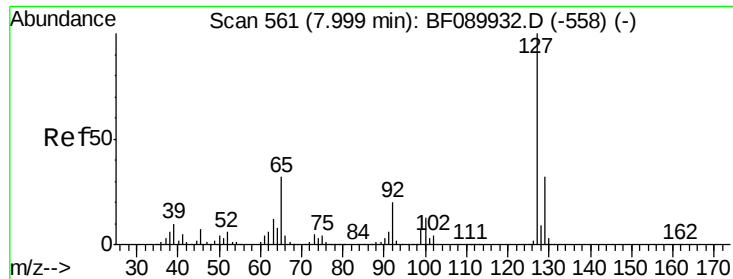


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

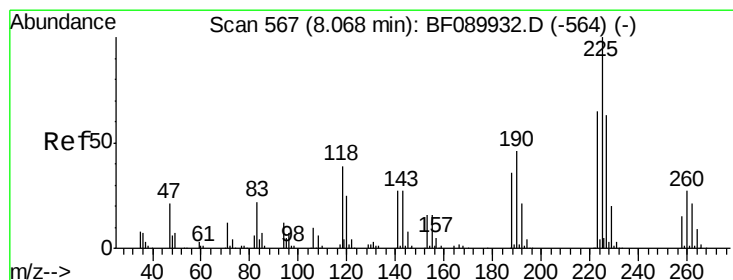
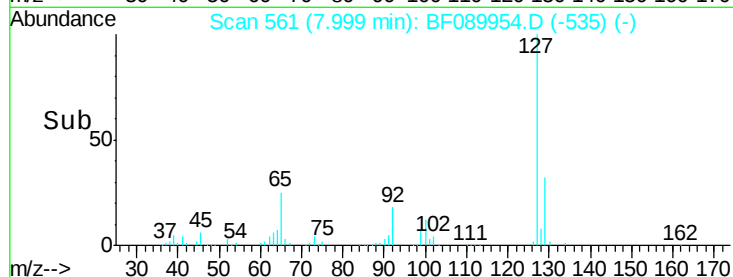
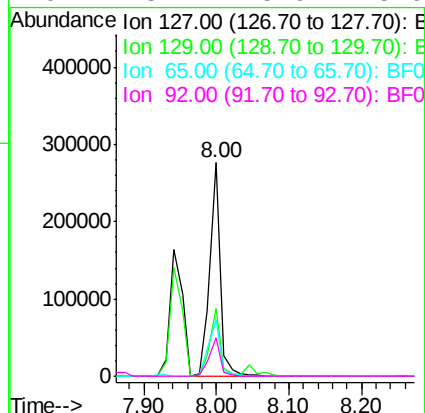
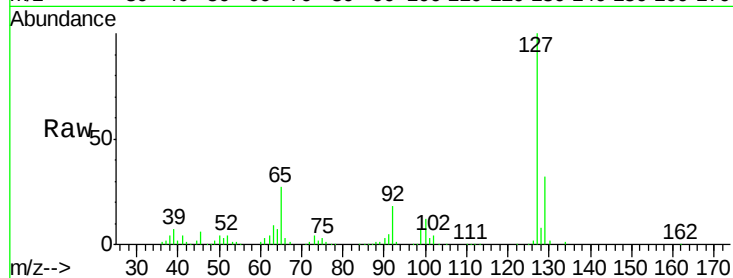




#33
4-Chloroaniline
Concen: 19.42 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

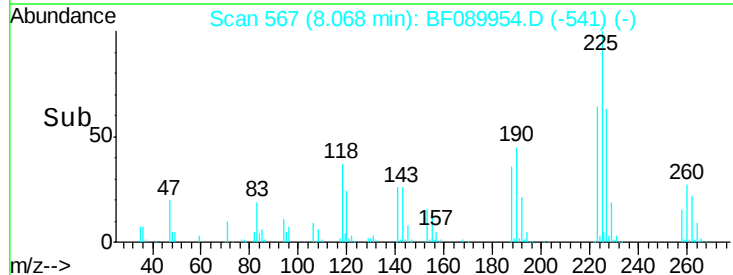
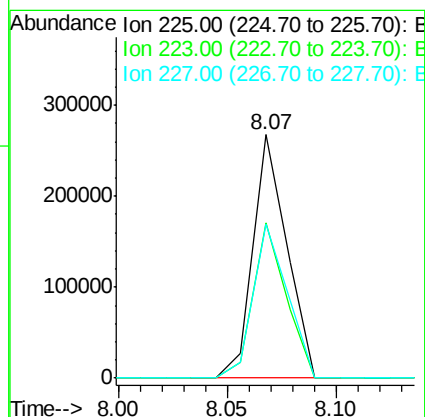
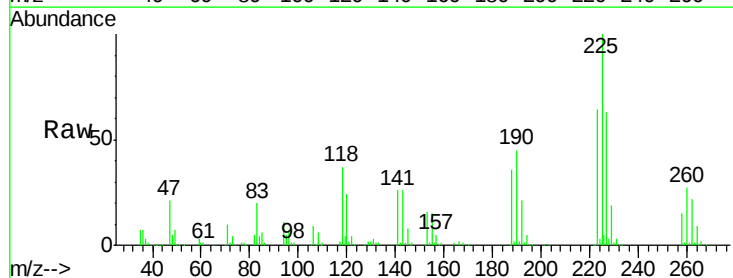
Instrument :
BNA_F
ClientSampleId :

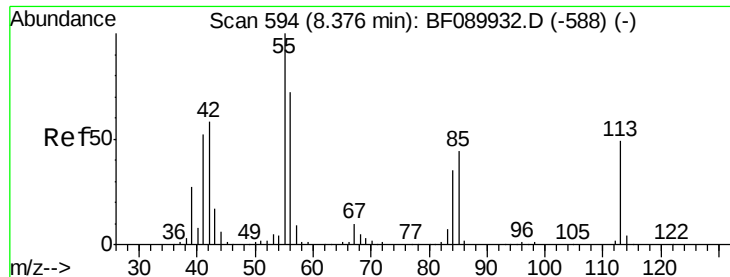
Tot Ion:	127	Resp:	282466
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	26.7	26.0	39.0
92	18.2	15.9	23.9



#34
Hexachlorobutadiene
Concen: 43.01 ng
RT: 8.07 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Tgt Ion:	225	Resp:	289708
Ion	Ratio	Lower	Upper
225	100		
223	64.0	52.6	78.8
227	63.2	50.8	76.2

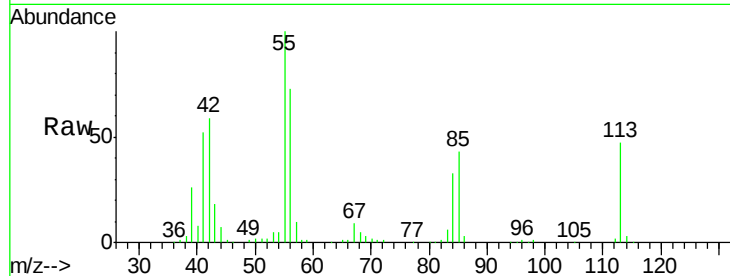




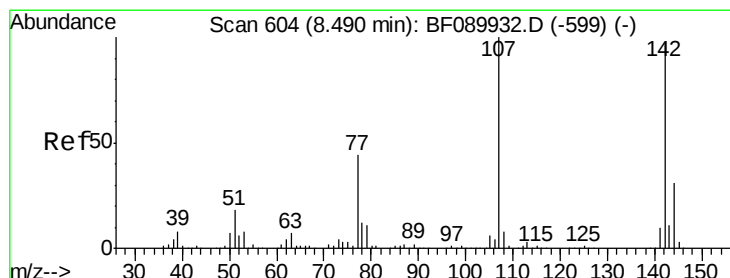
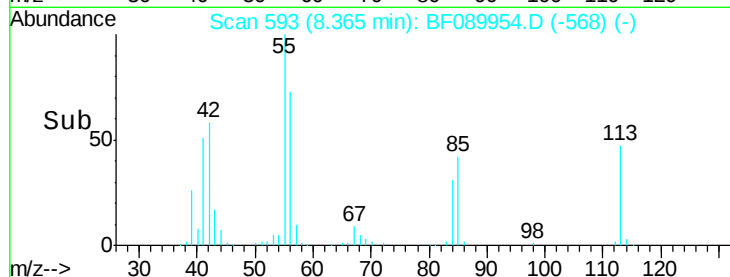
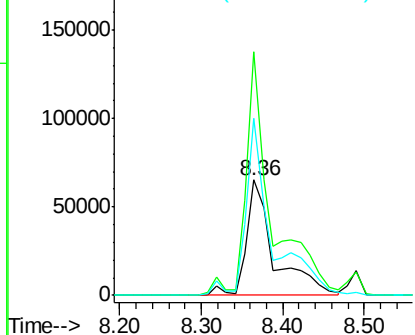
#35
Caprolactam
Concen: 46.79 ng
RT: 8.36 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 155276
Ion Ratio Lower Upper
113 100
55 211.1 178.5 218.5
56 153.4 122.7 162.7

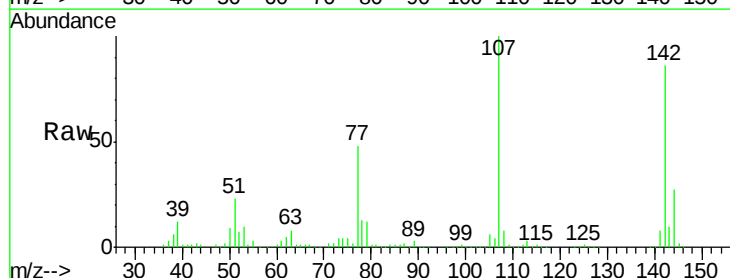


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

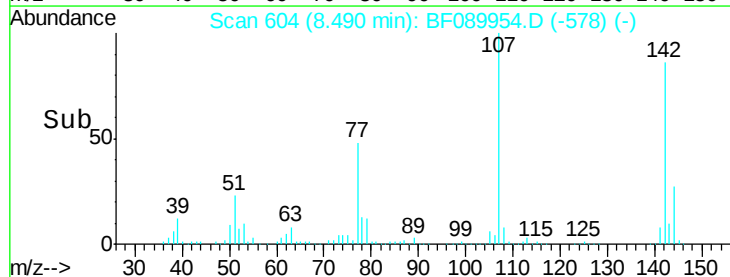
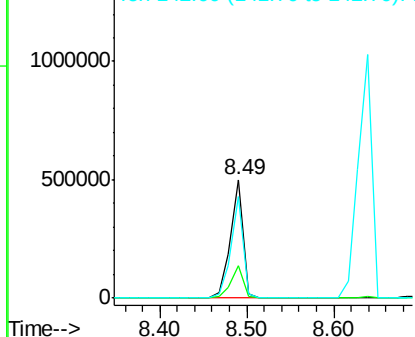


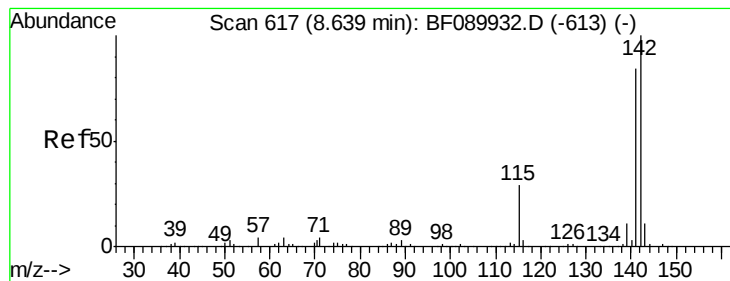
#36
4-Chloro-3-methylphenol
Concen: 45.32 ng
RT: 8.49 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Tgt Ion:107 Resp: 504674
Ion Ratio Lower Upper
107 100
144 27.5 25.8 38.8
142 85.8 79.2 118.8



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: 47.53 ng

RT: 8.64 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

ClientSampleId :

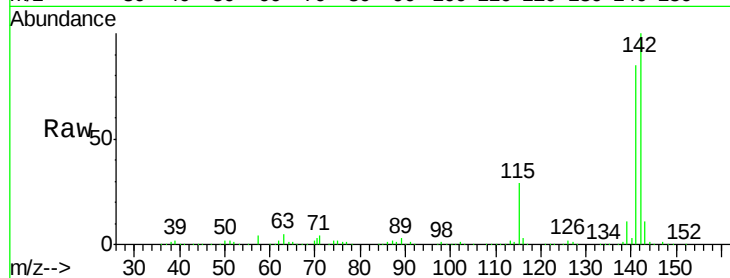
Tot Ion:142 Resp: 1132090

Ion Ratio Lower Upper

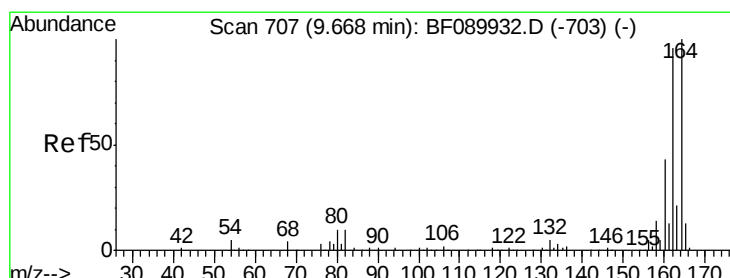
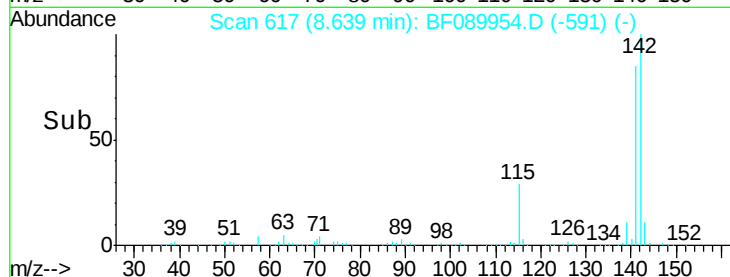
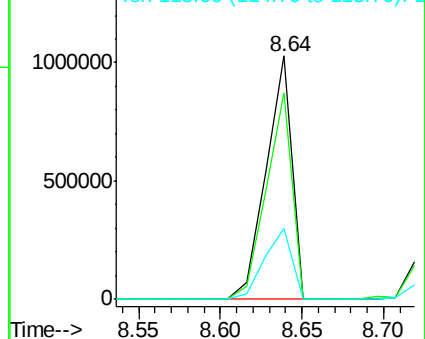
142 100

141 84.6 68.3 102.5

115 29.2 23.8 35.8



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: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

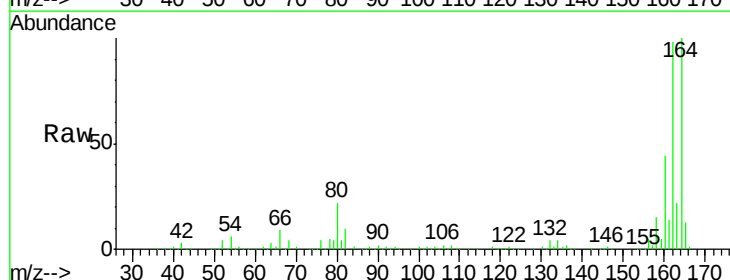
Tgt Ion:164 Resp: 341888

Ion Ratio Lower Upper

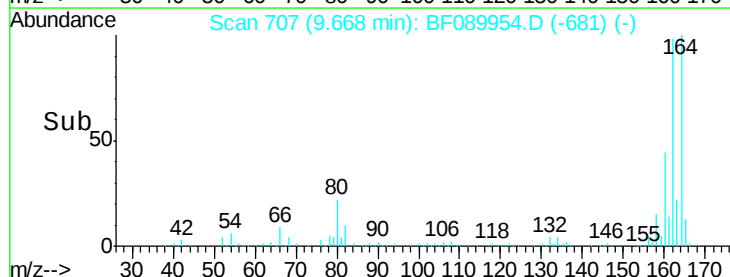
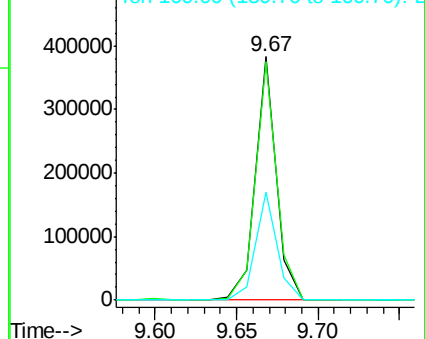
164 100

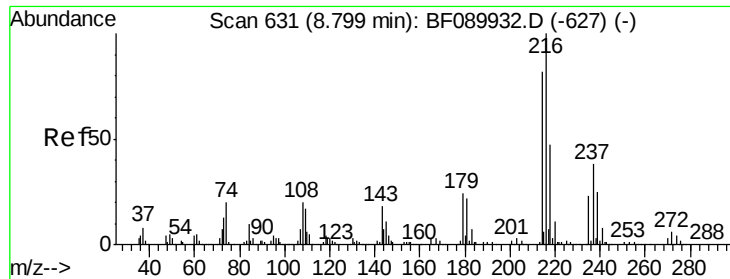
162 98.2 77.1 115.7

160 44.3 35.3 52.9



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.72 ng

RT: 8.80 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 387805

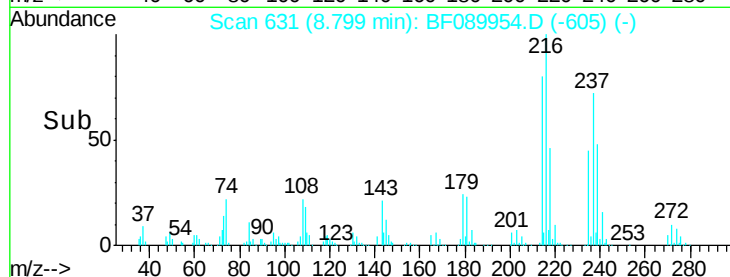
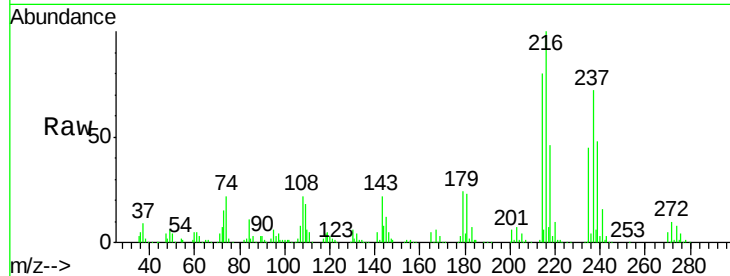
Ion Ratio Lower Upper

216 100

214 78.3 63.4 95.2

179 21.0 17.3 25.9

108 19.6 15.5 23.3

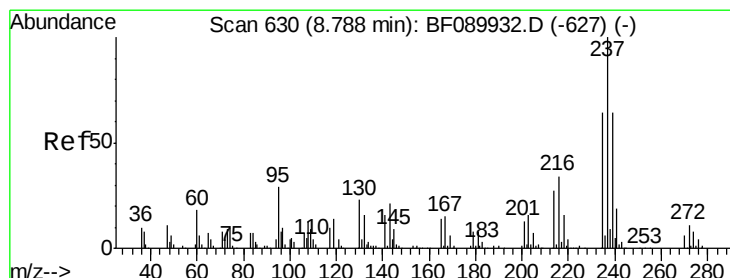
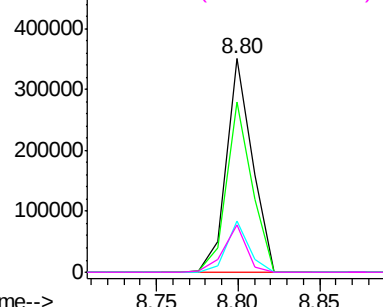


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 72.59 ng

RT: 8.80 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

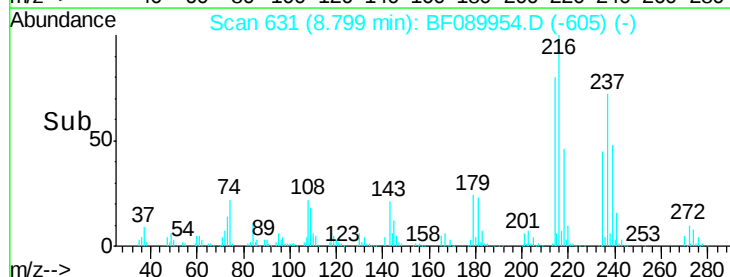
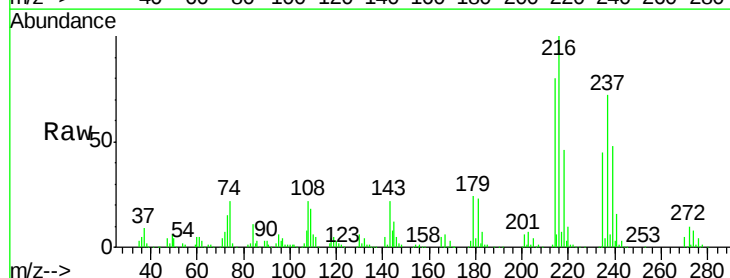
Tgt Ion:237 Resp: 372802

Ion Ratio Lower Upper

237 100

235 62.8 39.6 79.6

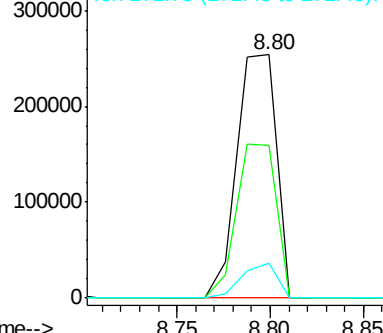
272 14.2 0.0 34.6

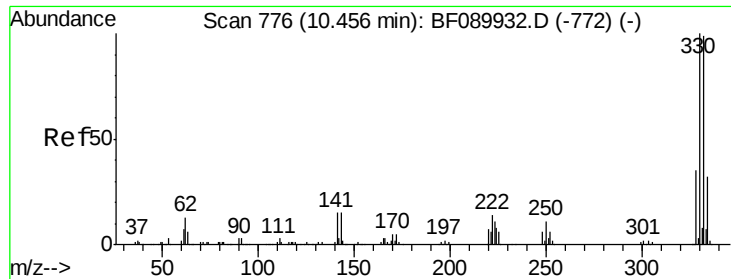


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

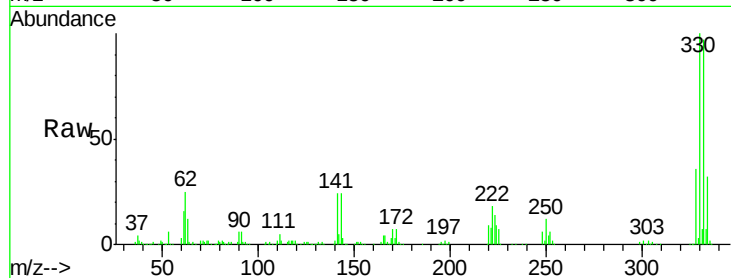




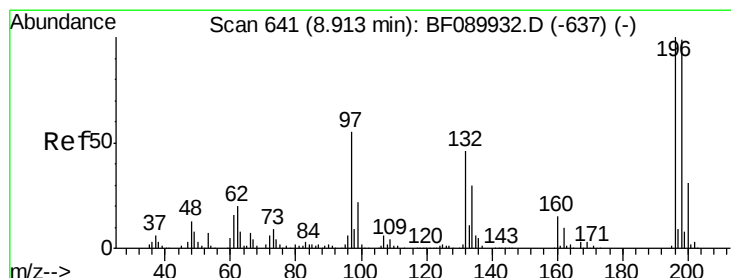
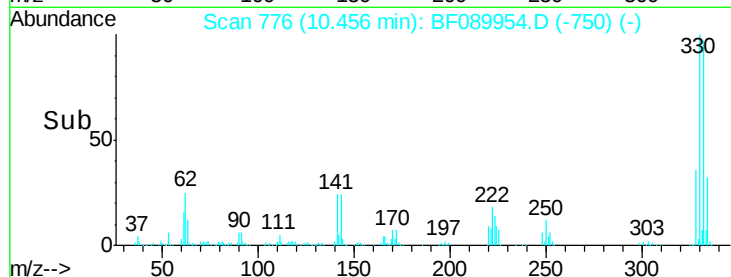
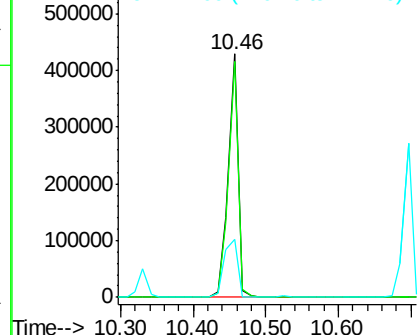
#41
 2,4,6-Tribromophenol
 Concen: 121.97 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 411394
 Ion Ratio Lower Upper
 330 100
 332 96.5 78.6 117.8
 141 32.7 23.3 34.9

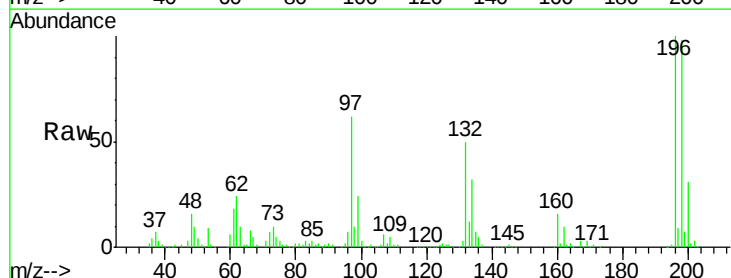


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

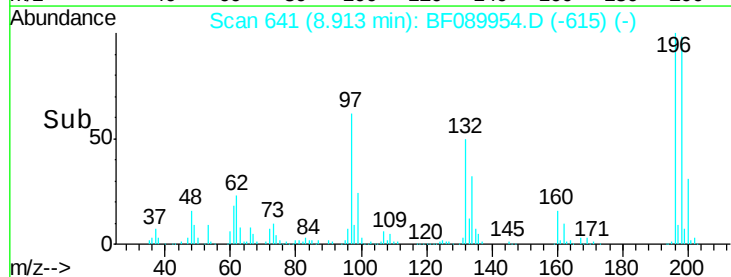
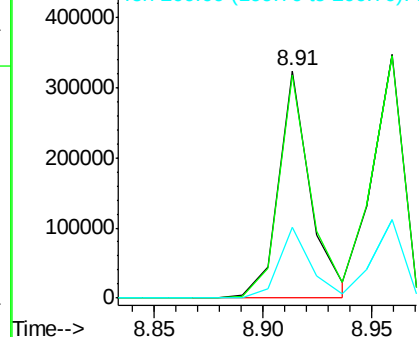


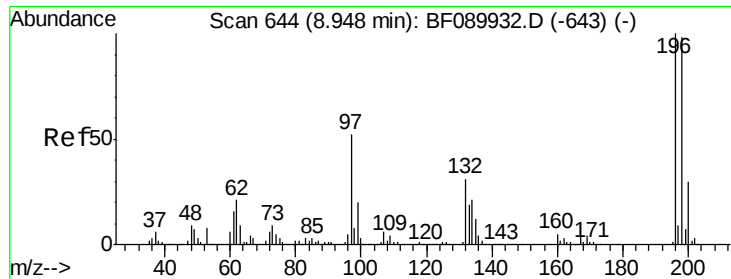
#42
 2,4,6-Trichlorophenol
 Concen: 47.86 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Tgt Ion:196 Resp: 332168
 Ion Ratio Lower Upper
 196 100
 198 98.0 78.3 117.5
 200 31.1 24.8 37.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

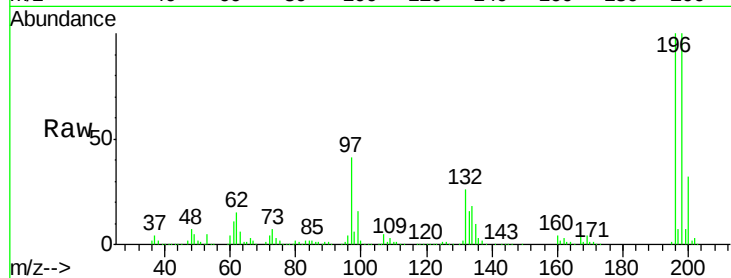




#43
 2,4,5-Trichlorophenol
 Concen: 51.33 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.7	80.8	121.2
97	40.8	44.2	66.4
132	26.2	25.8	38.6



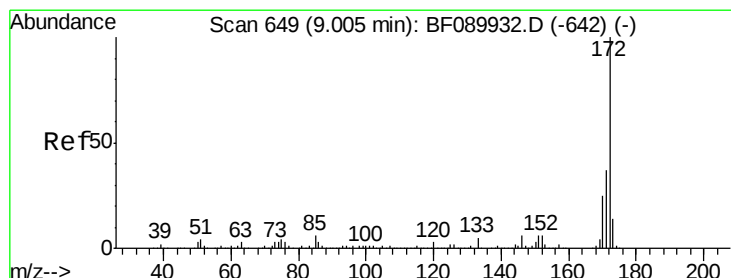
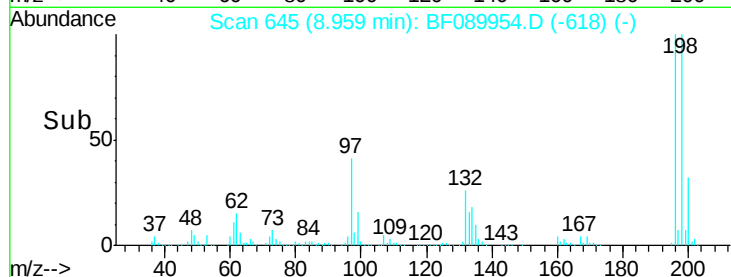
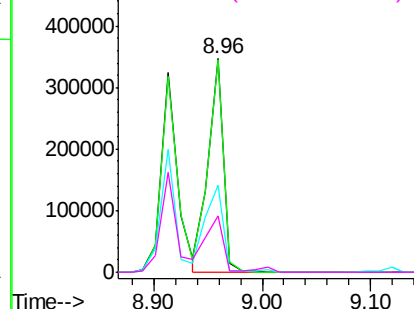
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

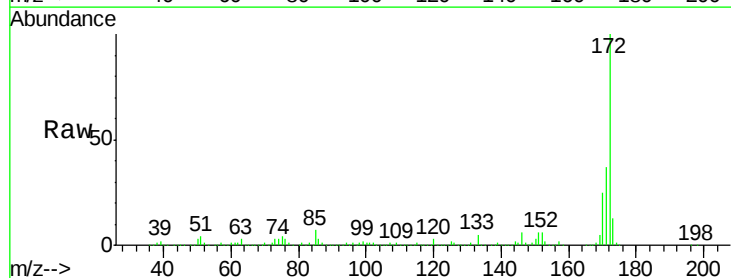
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 91.53 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.2
170	25.1	20.1	30.1

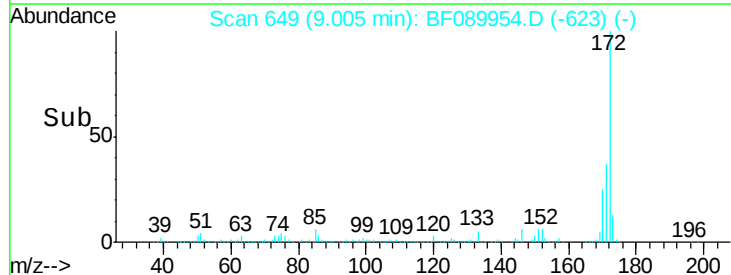
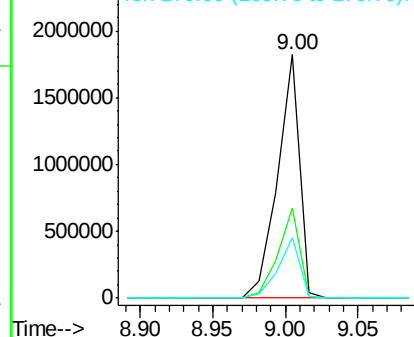


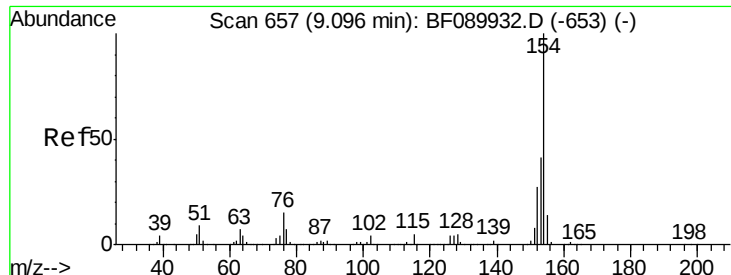
Abundance

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

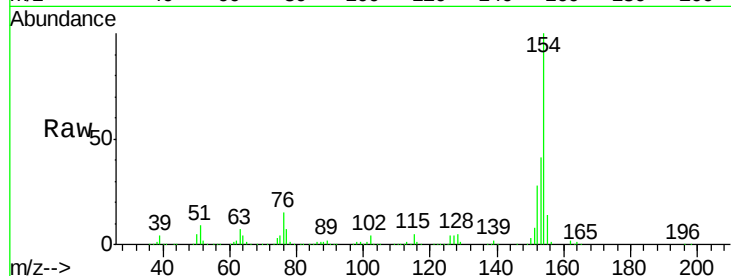




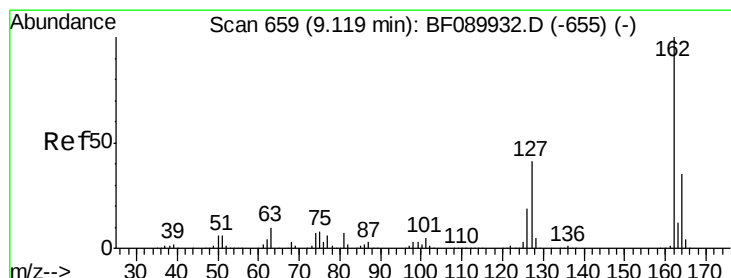
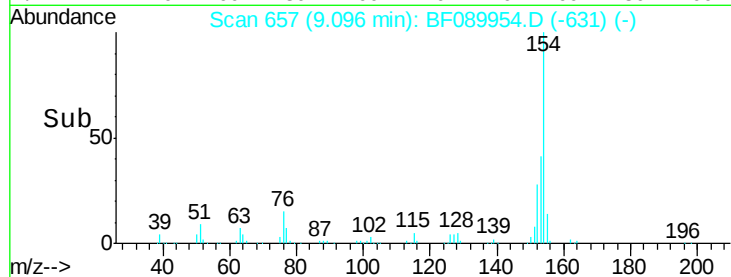
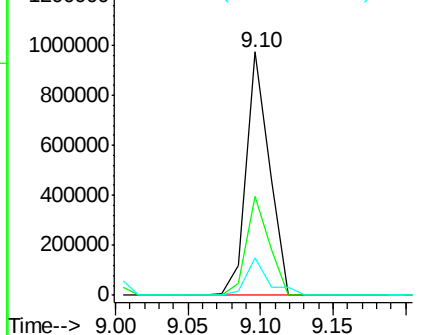
#45
 1,1'-Biphenyl
 Concen: 38.85 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1069370
 Ion Ratio Lower Upper
 154 100
 153 40.8 20.6 60.6
 76 15.2 0.0 34.9

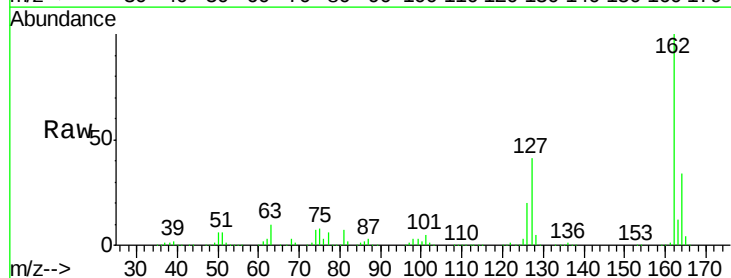


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

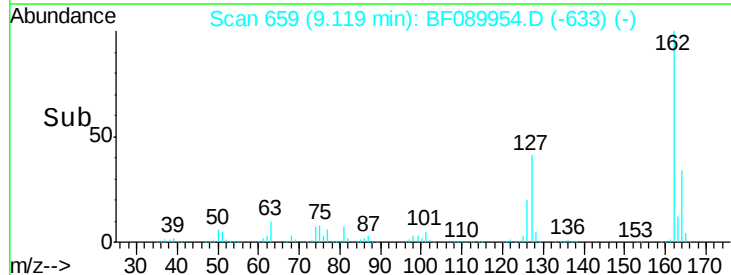
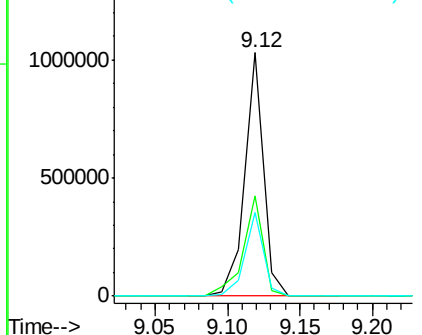


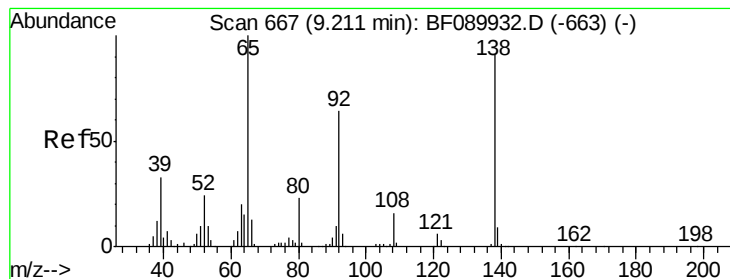
#46
 2-Chloronaphthalene
 Concen: 47.56 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Tgt Ion:162 Resp: 926202
 Ion Ratio Lower Upper
 162 100
 127 41.0 33.5 50.3
 164 34.5 28.2 42.4



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: 52.98 ng

RT: 9.22 min Scan# 668

Delta R.T. 0.01 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

ClientSampled :

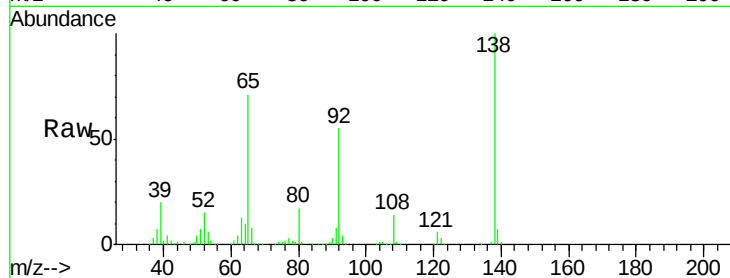
Tot Ion: 65 Resp: 337279

Ion Ratio Lower Upper

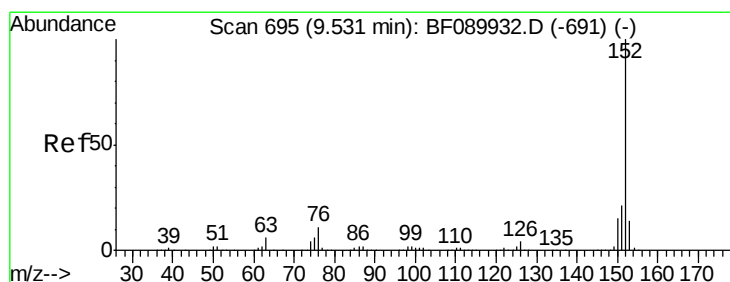
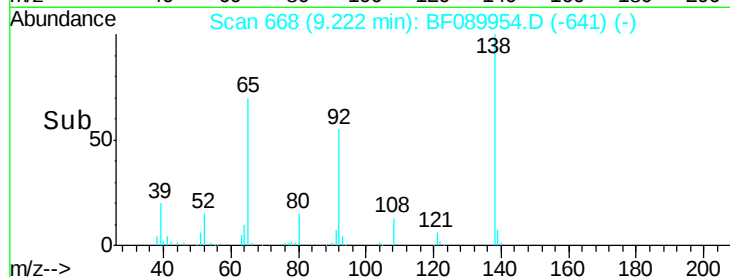
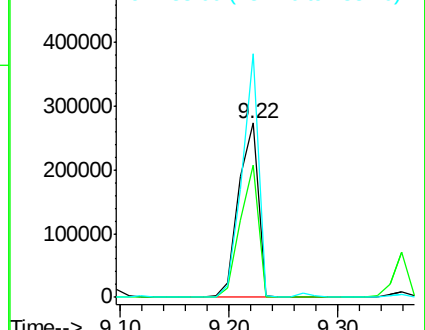
65 100

92 76.3 52.0 78.0

138 140.0 72.1 108.1#



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: 44.46 ng

RT: 9.53 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

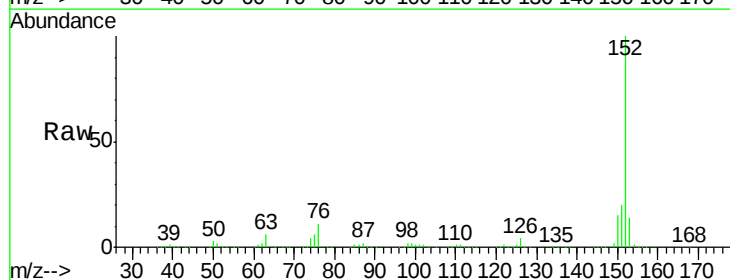
Tgt Ion: 152 Resp: 1431625

Ion Ratio Lower Upper

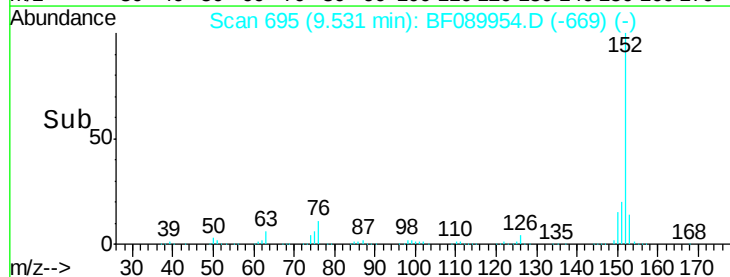
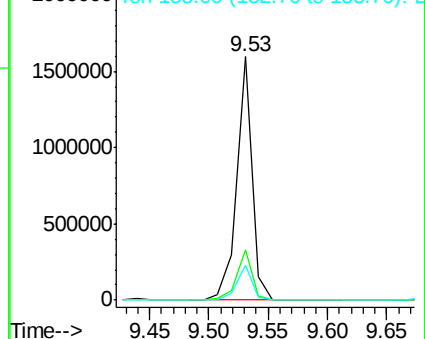
152 100

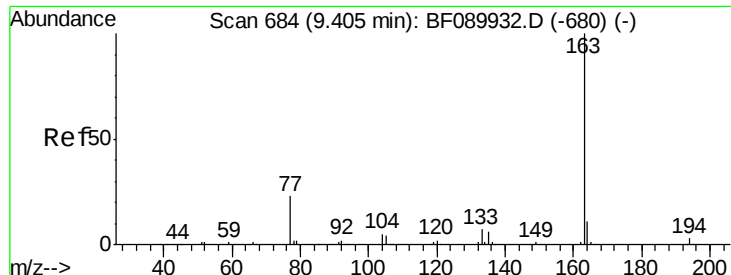
151 20.5 16.7 25.1

153 14.4 11.6 17.4



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: 45.62 ng

RT: 9.40 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

ClientSampled :

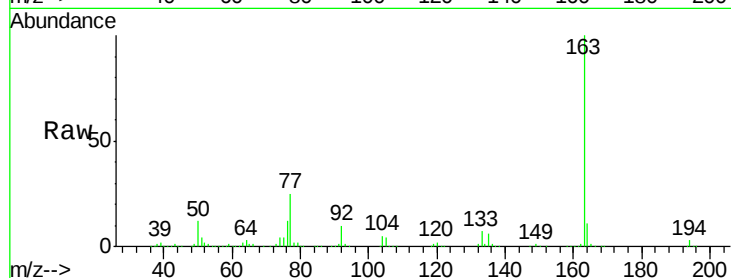
Tot Ion:163 Resp: 1127321

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

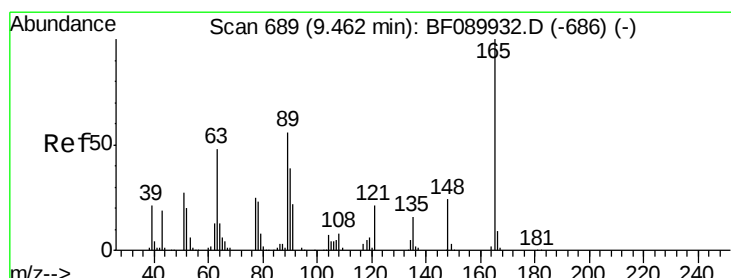
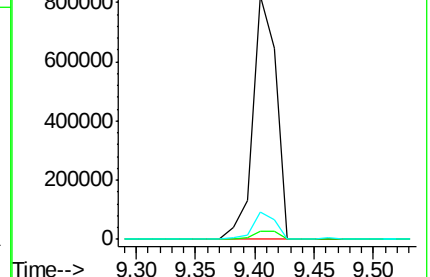
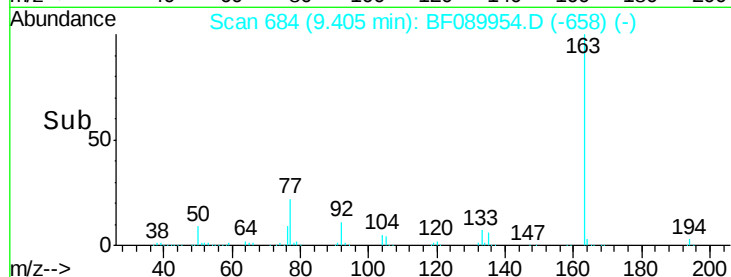
164 11.4 9.0 13.4



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: 45.37 ng

RT: 9.46 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

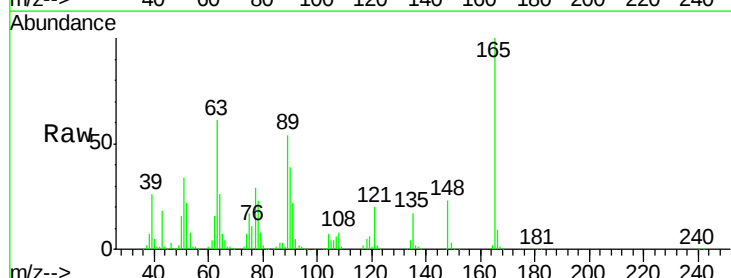
Tgt Ion:165 Resp: 249345

Ion Ratio Lower Upper

165 100

63 60.7 45.0 67.4

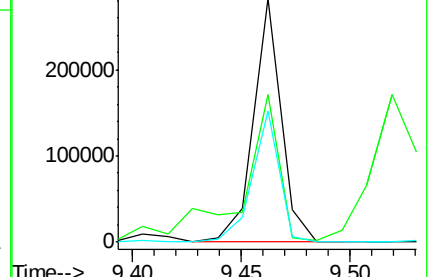
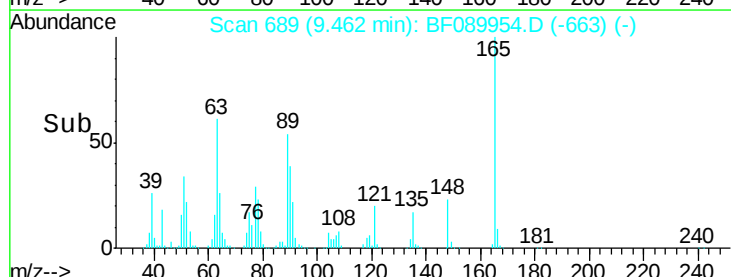
89 54.0 41.5 62.3

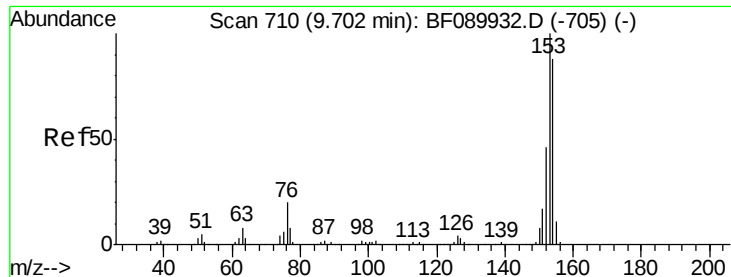


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.71 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

ClientSampleId :

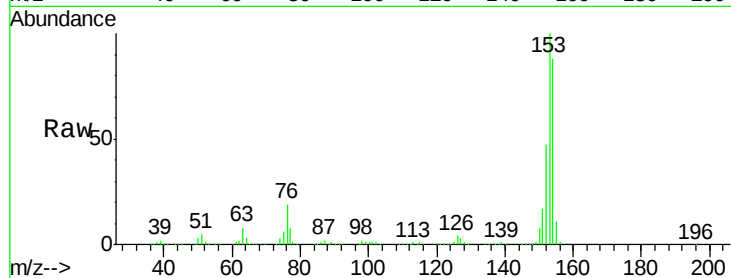
Tot Ion:154 Resp: 952892

Ion Ratio Lower Upper

154 100

153 113.6 90.6 135.8

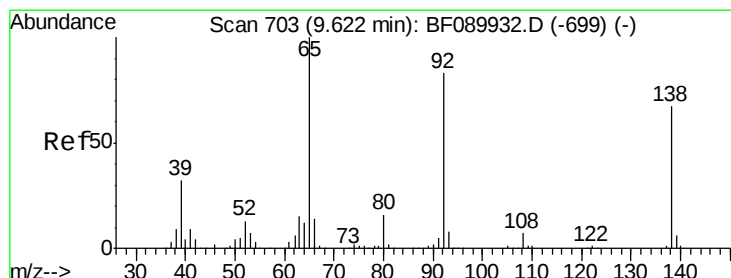
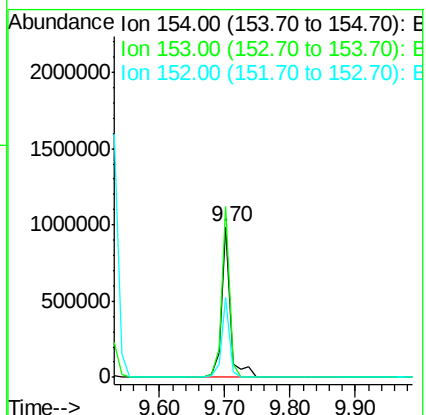
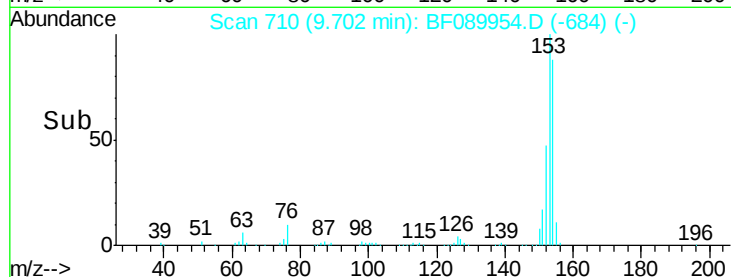
152 53.0 42.4 63.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.68 ng

RT: 9.62 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

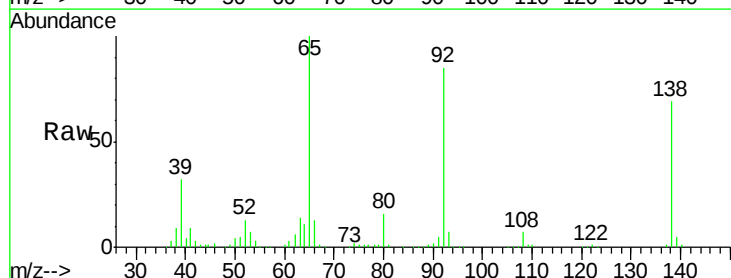
Tgt Ion:138 Resp: 160965

Ion Ratio Lower Upper

138 100

108 10.3 8.3 12.5

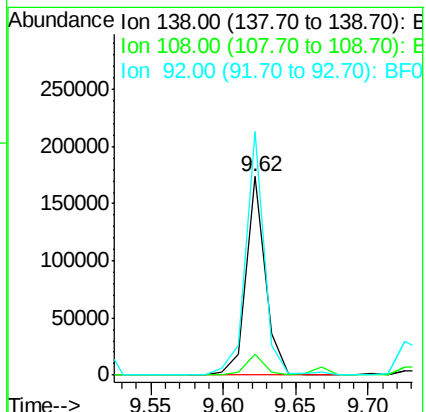
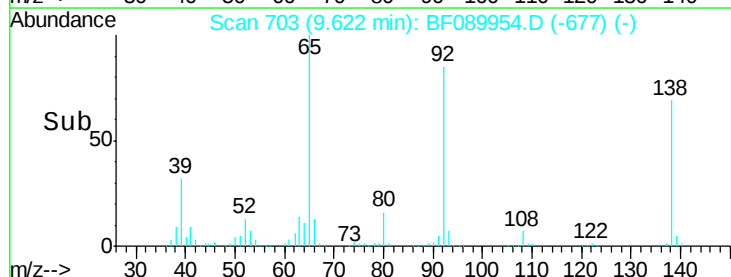
92 122.8 99.1 148.7

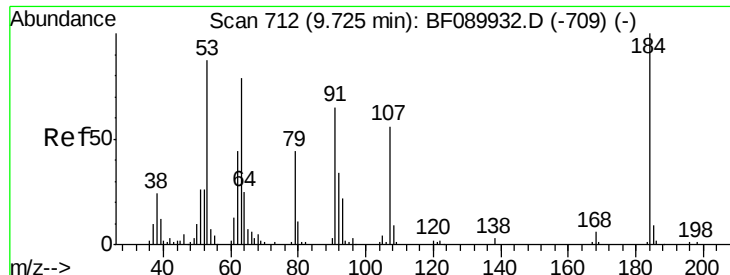


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

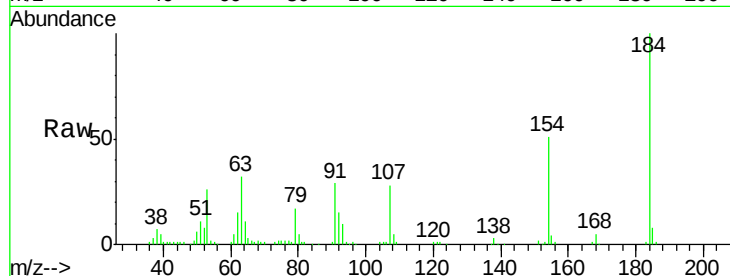




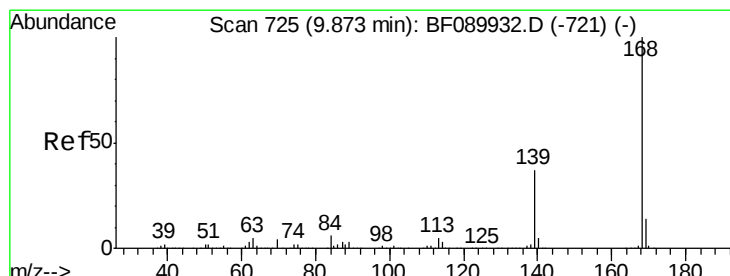
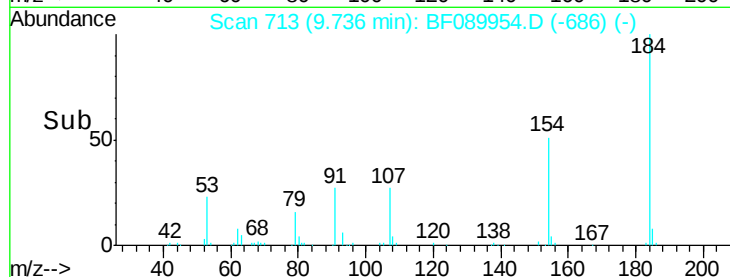
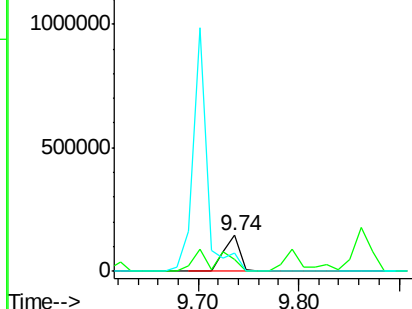
#53
2,4-Dinitrophenol
Concen: 52.68 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.01 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Instrument :
BNA_F
ClientSampleID :

Tot Ion:184 Resp: 162575
Ion Ratio Lower Upper
184 100
63 31.8 73.9 110.9#
154 51.1 53.5 80.3#

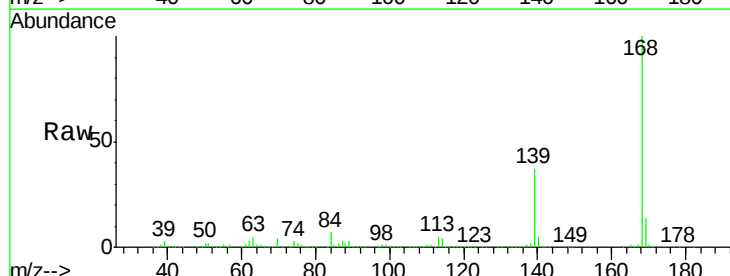


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

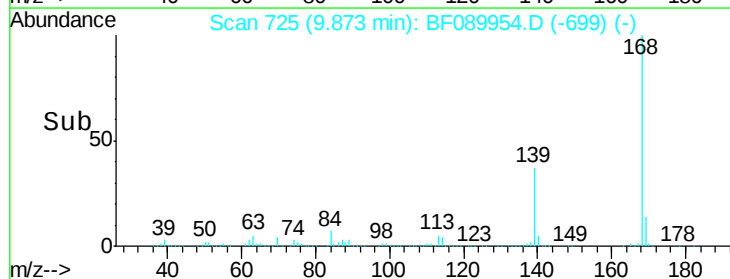
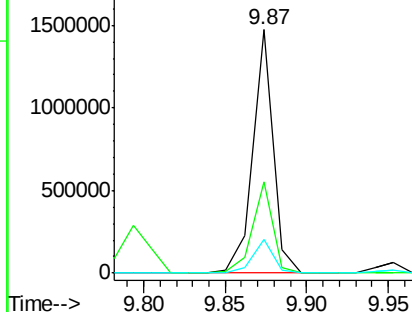


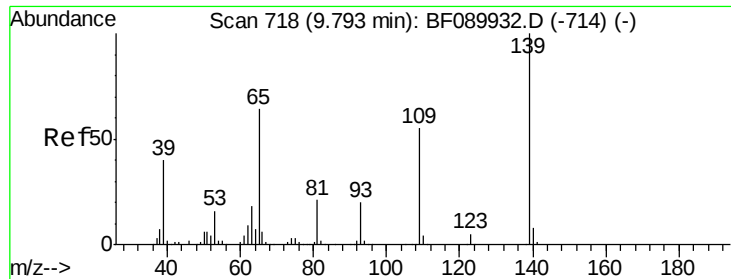
#54
Dibenzofuran
Concen: 46.94 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Tgt Ion:168 Resp: 1283343
Ion Ratio Lower Upper
168 100
139 37.3 29.5 44.3
169 13.9 10.8 16.2



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

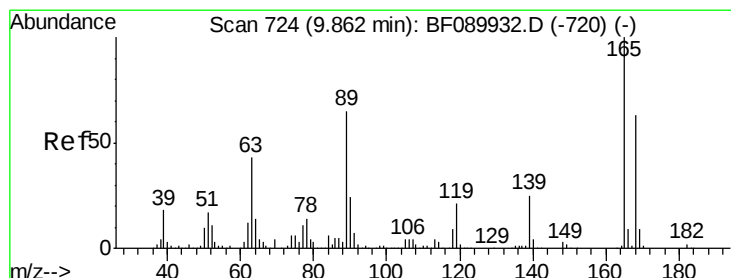
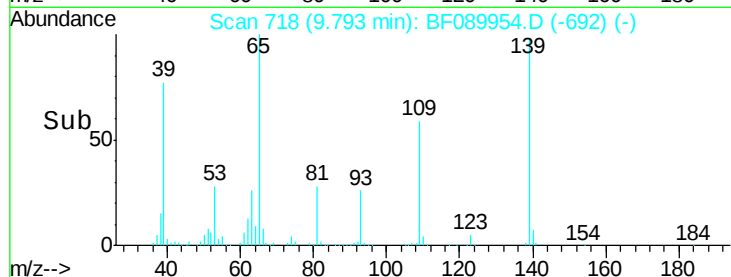
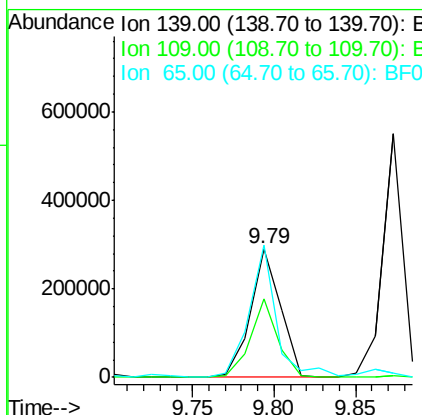
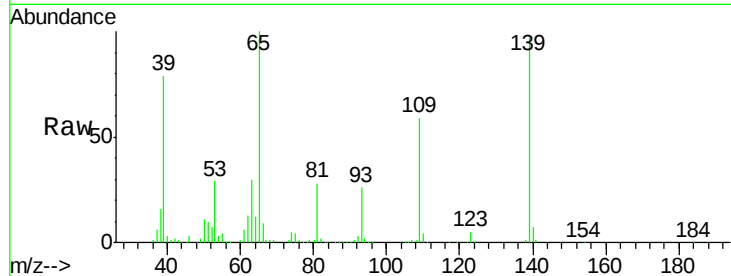




#55
4-Nitrophenol
Concen: 79.24 ng
RT: 9.79 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

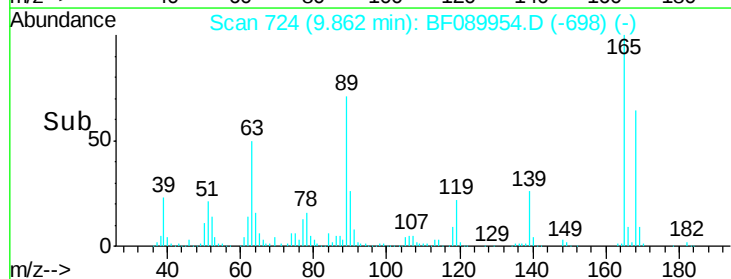
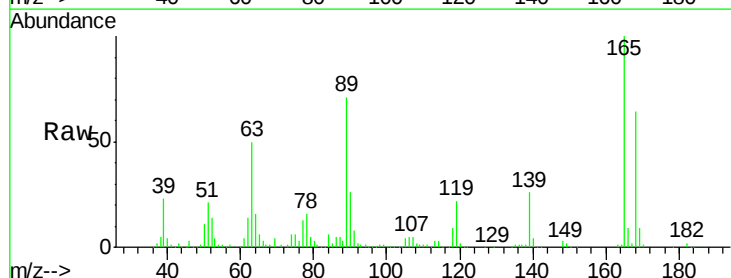
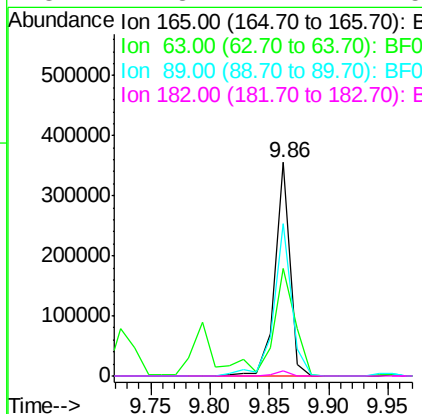
Instrument :
BNA_F
ClientSampleId :

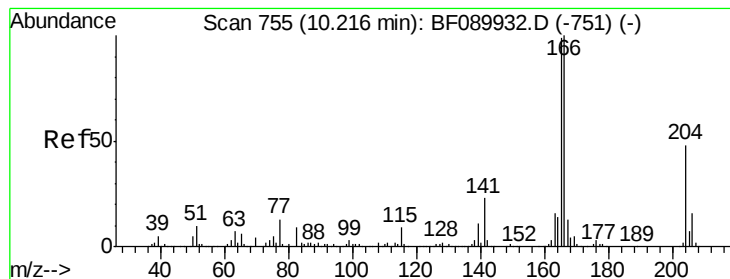
Tot Ion	Ratio	Lower	Upper
139	100		
109	60.5	31.3	71.3
65	102.7	38.5	78.5



#56
2,4-Dinitrotoluene
Concen: 44.87 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.1	32.5	48.7
89	71.4	48.3	72.5
182	2.3	1.7	2.5





#57

Fluorene

Concen: 49.15 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

ClientSampleId :

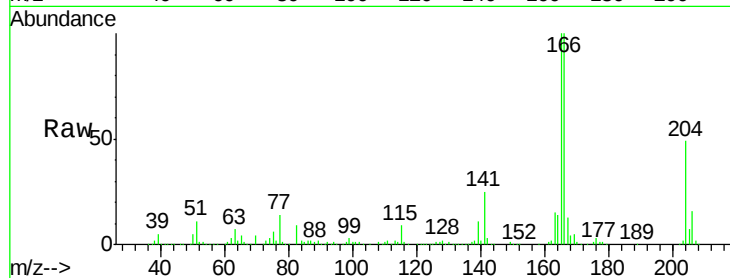
Tot Ion:166 Resp: 981719

Ion Ratio Lower Upper

166 100

165 99.6 78.6 118.0

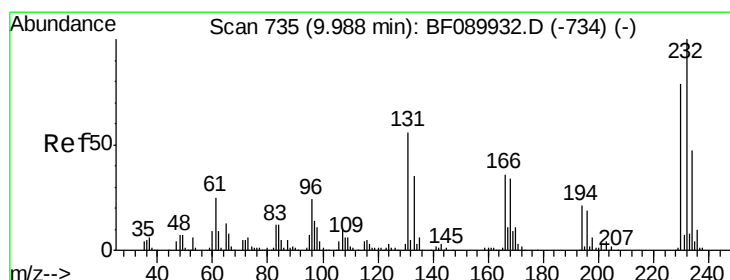
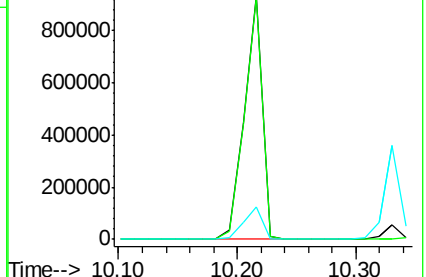
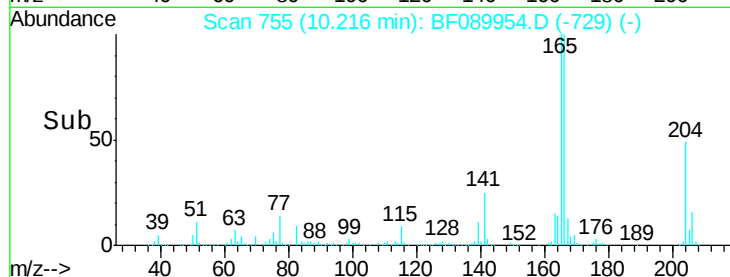
167 13.4 10.6 15.8



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.44 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Tgt Ion:232 Resp: 282506

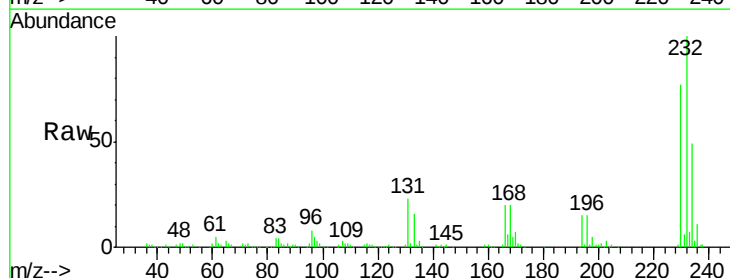
Ion Ratio Lower Upper

232 100

131 41.0 36.3 54.5

130 1.9 1.7 2.5

166 28.4 24.4 36.6

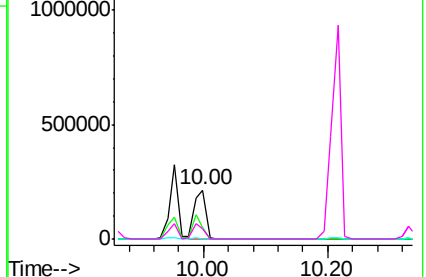
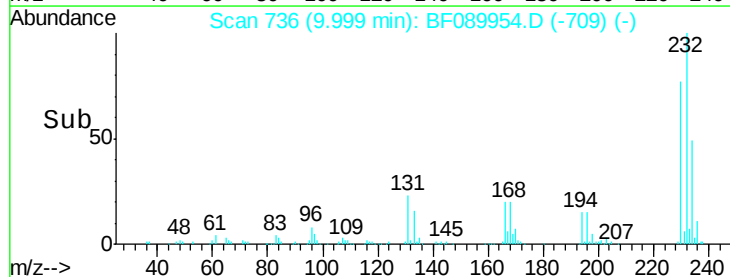


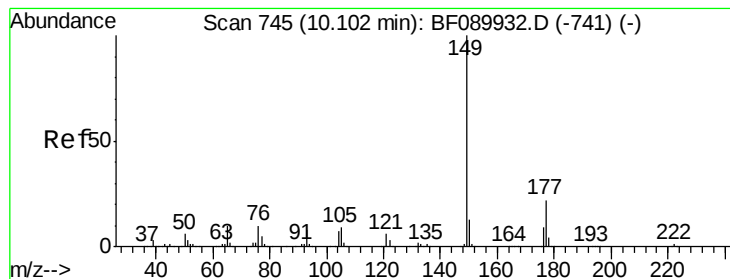
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 45.87 ng

RT: 10.10 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

ClientSampleId :

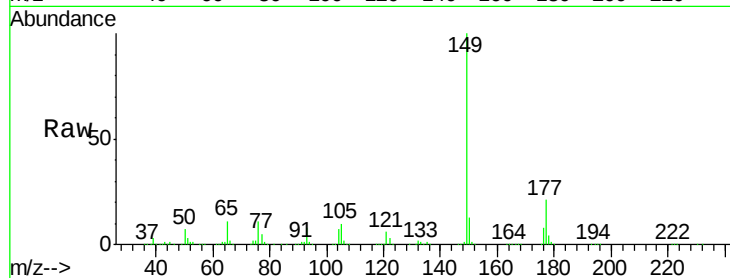
Tot Ion:149 Resp: 1066272

Ion Ratio Lower Upper

149 100

177 21.1 17.7 26.5

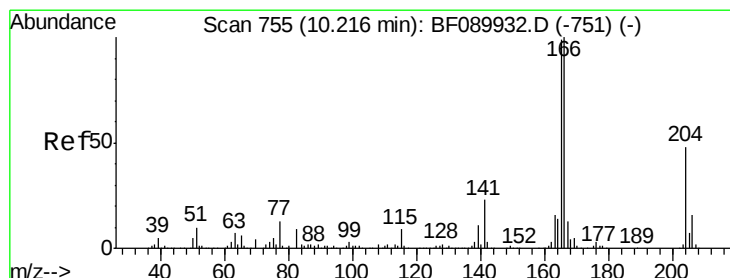
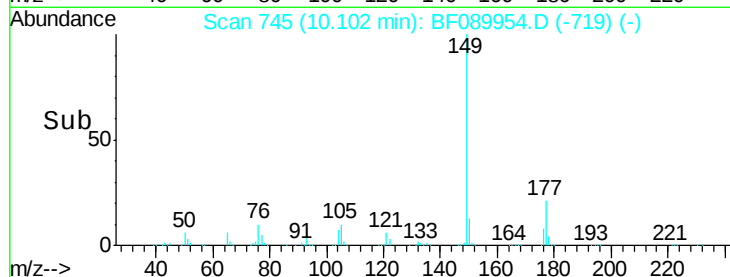
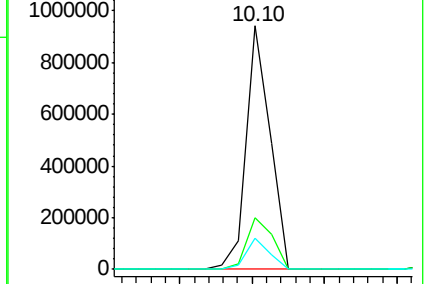
150 12.6 10.2 15.2



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: 49.61 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

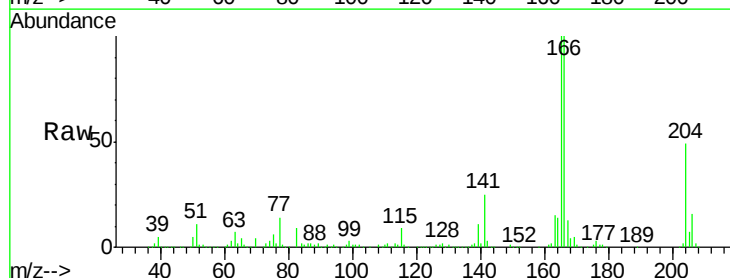
Tgt Ion:204 Resp: 466321

Ion Ratio Lower Upper

204 100

206 32.9 26.6 40.0

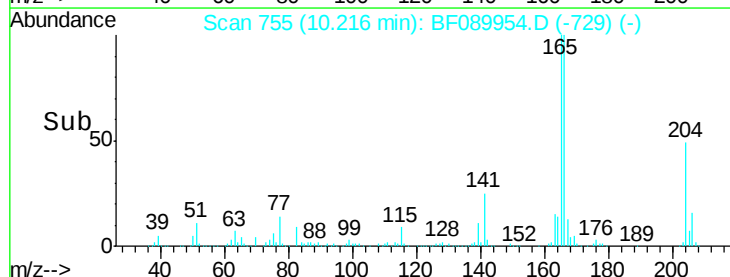
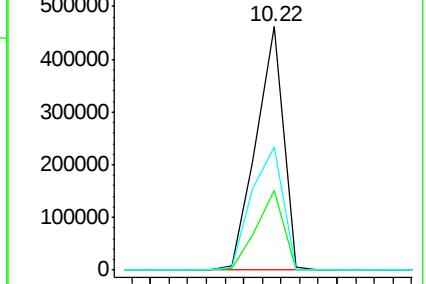
141 50.8 36.5 54.7

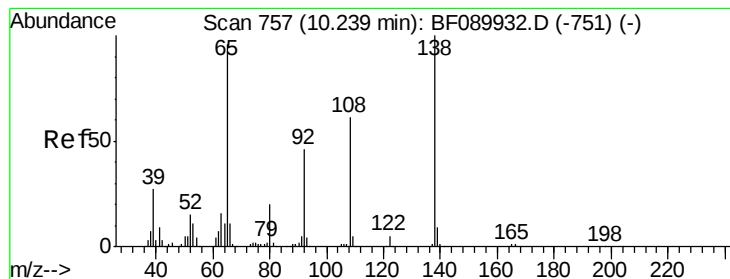


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.46 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

ClientSampled :

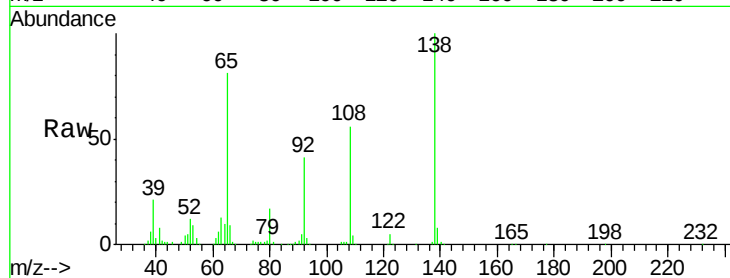
Tot Ion:138 Resp: 267687

Ion Ratio Lower Upper

138 100

92 41.4 21.2 61.2

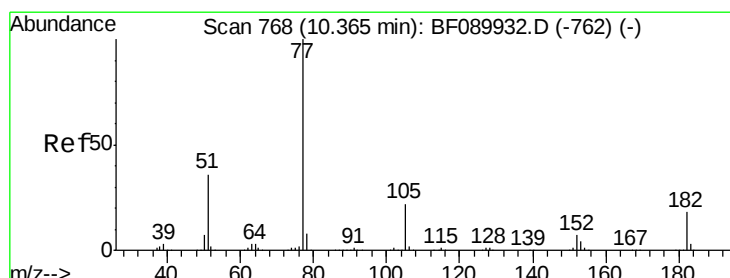
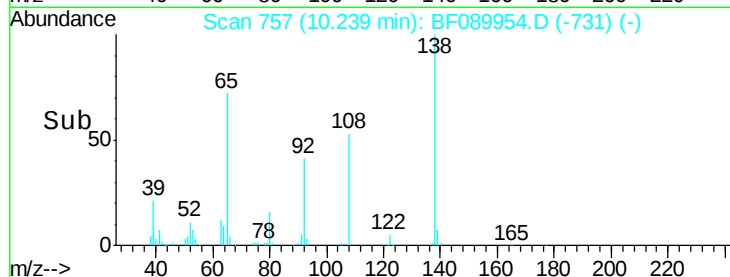
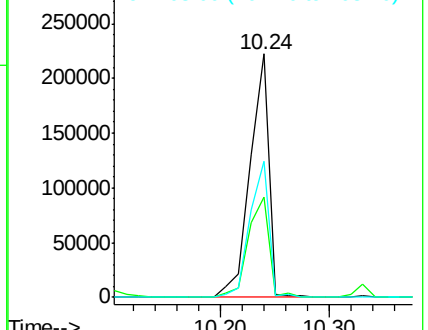
108 55.8 37.7 77.7



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: 48.45 ng

RT: 10.36 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Tgt Ion: 77 Resp: 1124983

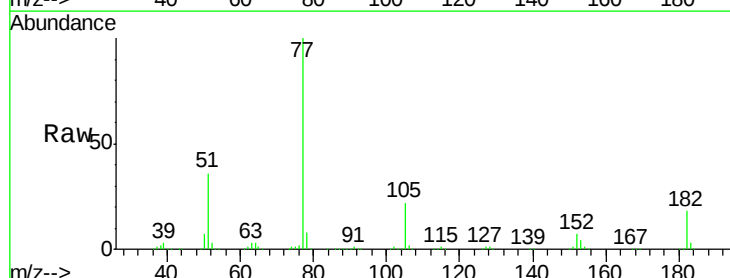
Ion Ratio Lower Upper

77 100

182 18.5 0.0 38.6

105 22.2 2.3 42.3

51 35.8 15.1 55.1

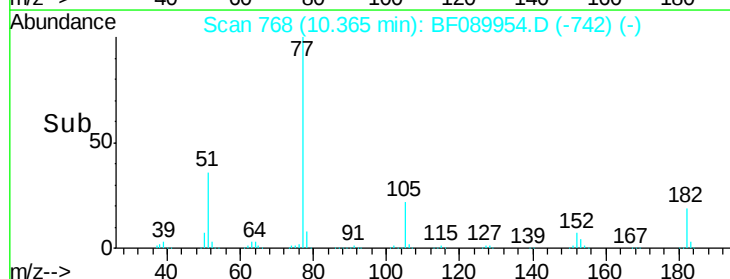
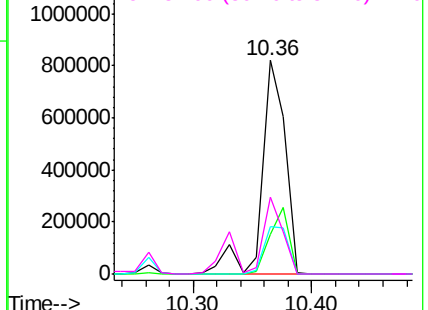


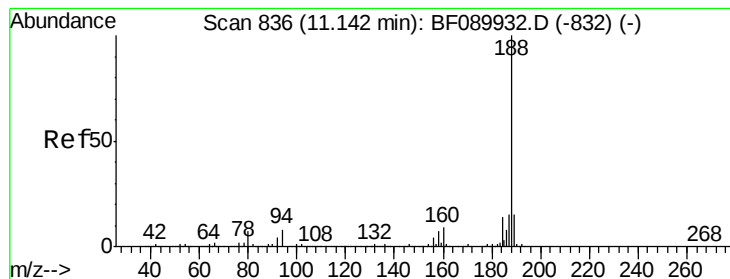
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.14 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

ClientSampleId :

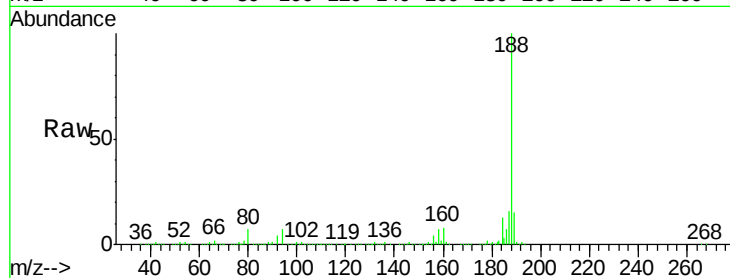
Tot Ion:188 Resp: 608936

Ion Ratio Lower Upper

188 100

94 7.3 5.9 8.9

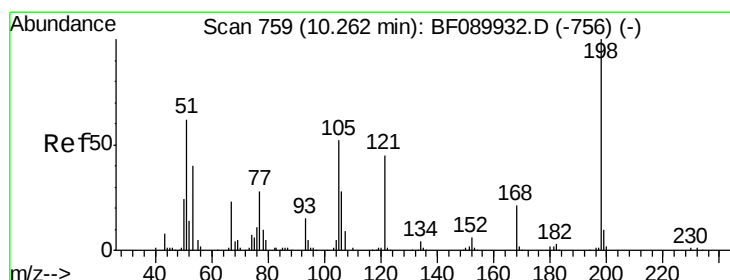
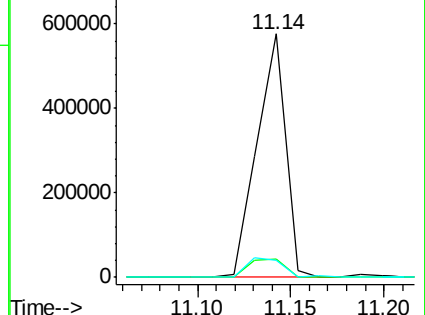
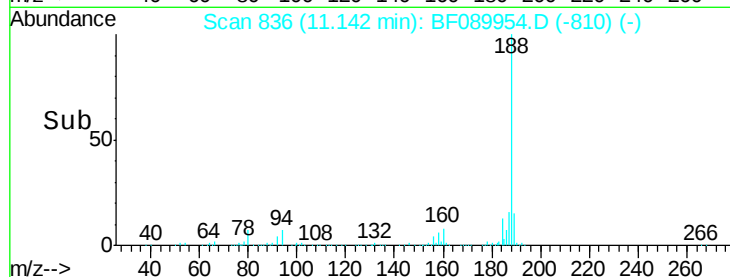
80 7.2 5.8 8.8



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: 30.74 ng

RT: 10.26 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

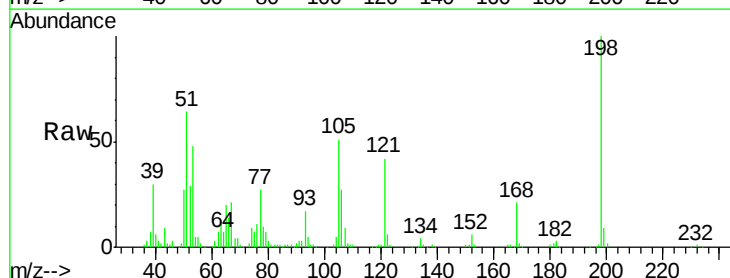
Tgt Ion:198 Resp: 119857

Ion Ratio Lower Upper

198 100

51 64.0 43.0 83.0

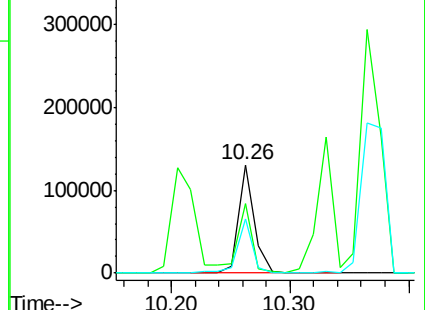
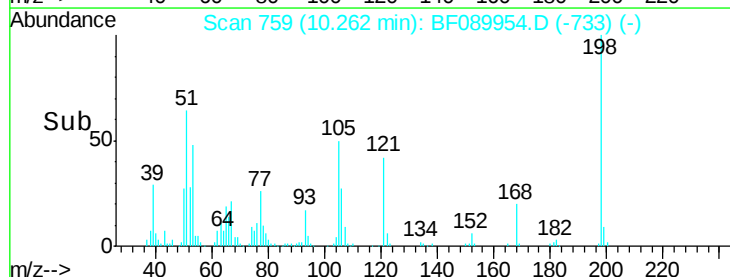
105 50.6 30.3 70.3

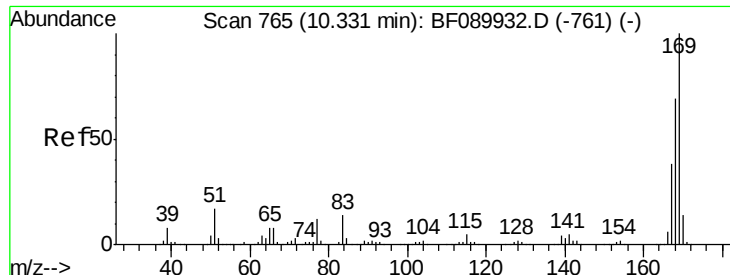


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

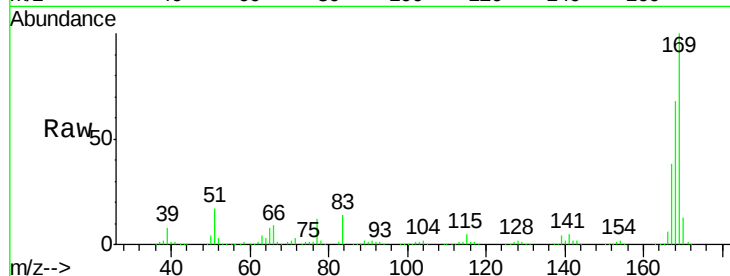




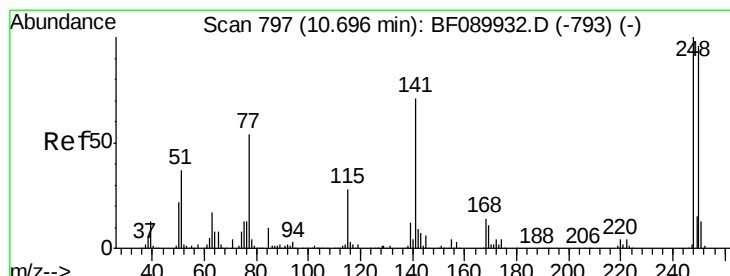
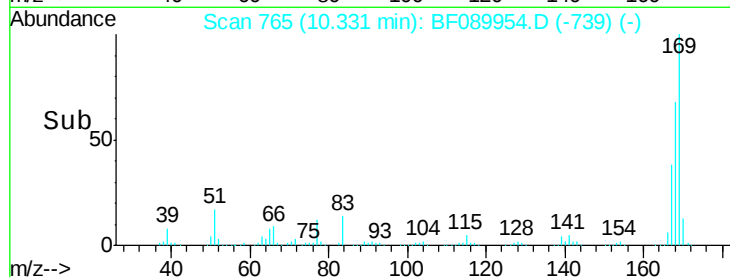
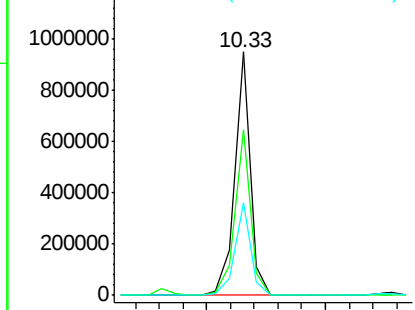
#65
 n-Nitrosodiphenylamine
 Concen: 47.24 ng
 RT: 10.33 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 864847
 Ion Ratio Lower Upper
 169 100
 168 68.1 55.0 82.4
 167 38.1 30.5 45.7

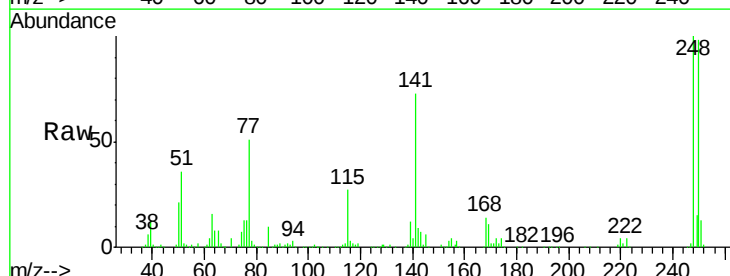


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

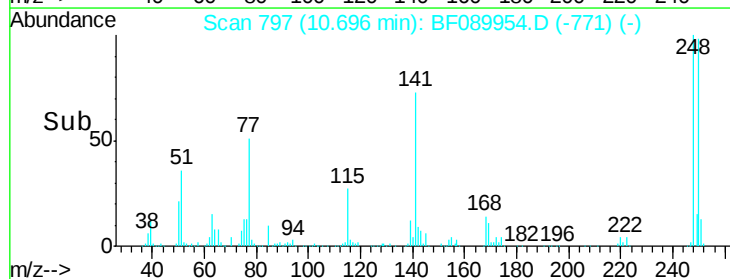
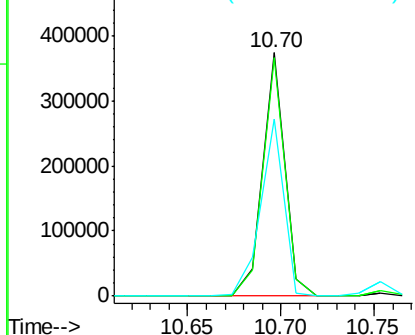


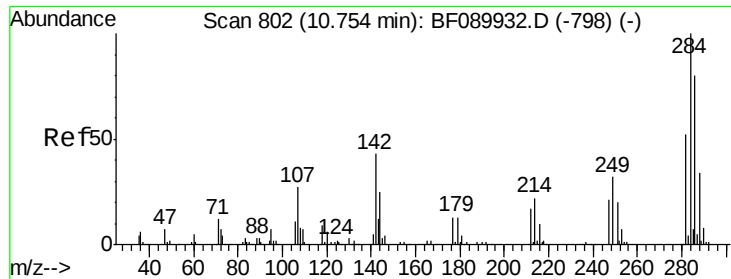
#66
 4-Bromophenyl-phenylether
 Concen: 49.58 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Tgt Ion:248 Resp: 303962
 Ion Ratio Lower Upper
 248 100
 250 97.8 77.3 115.9
 141 72.6 55.8 83.8



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

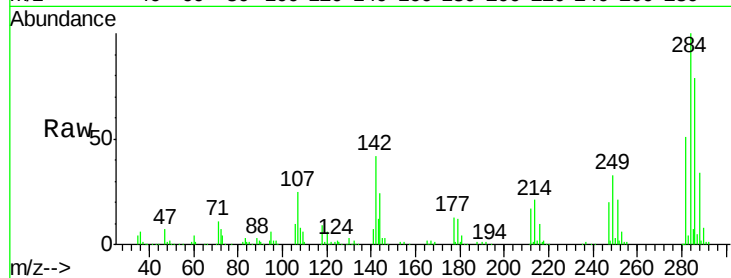




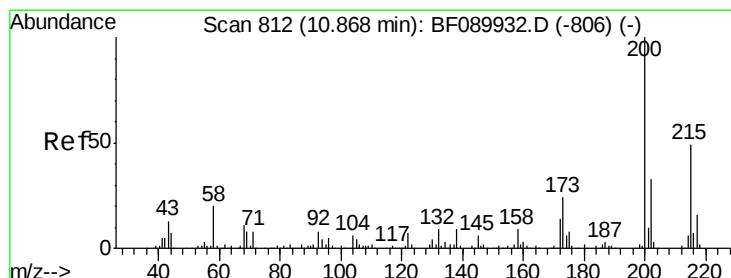
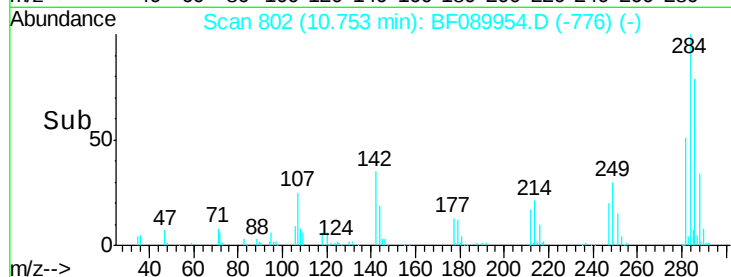
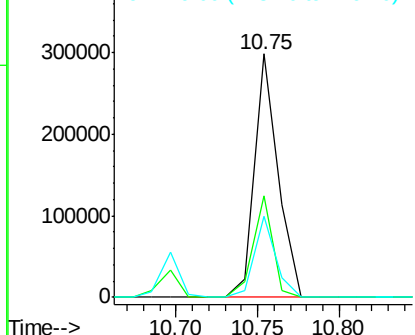
#67
Hexachlorobenzene
Concen: 42.69 ng
RT: 10.75 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	41.7	32.7	49.1
249	33.3	26.9	40.3

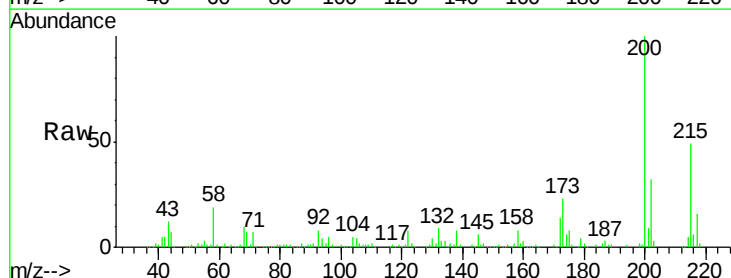


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

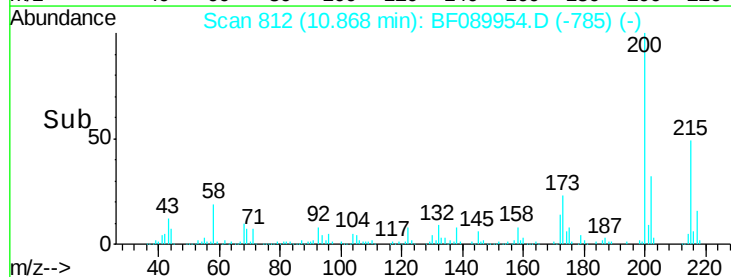
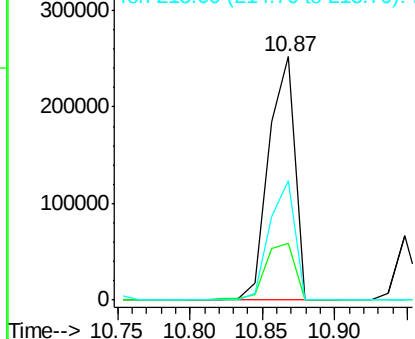


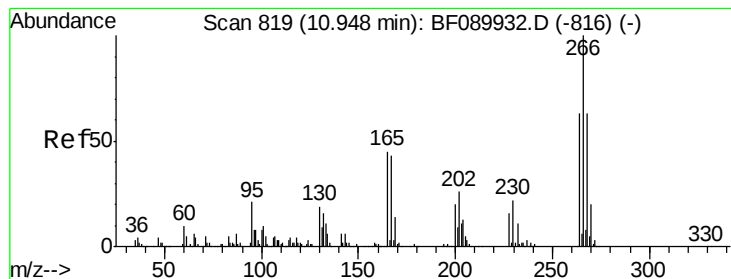
#68
Atrazine
Concen: 51.39 ng
RT: 10.87 min Scan# 812
Delta R.T. 0.01 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.2	9.4	49.4
215	49.2	24.5	64.5



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: 81.23 ng

RT: 10.95 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :
BNA_F
ClientSampleId :

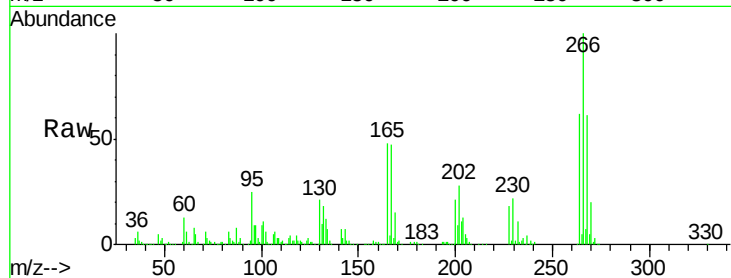
Tot Ion:266 Resp: 306010

Ion Ratio Lower Upper

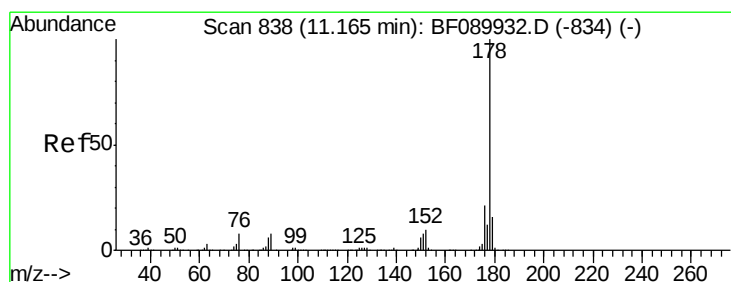
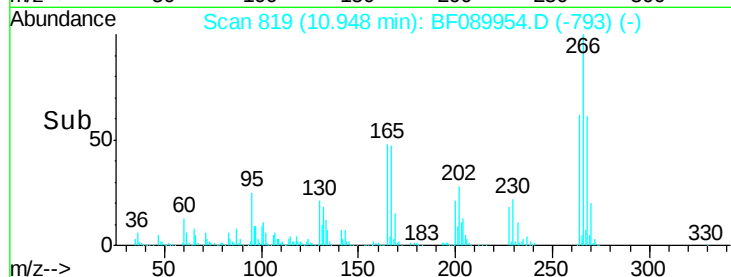
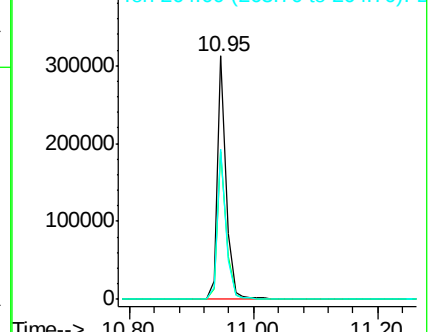
266 100

268 60.6 51.0 76.6

264 61.6 50.6 75.8



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: 47.08 ng

RT: 11.16 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

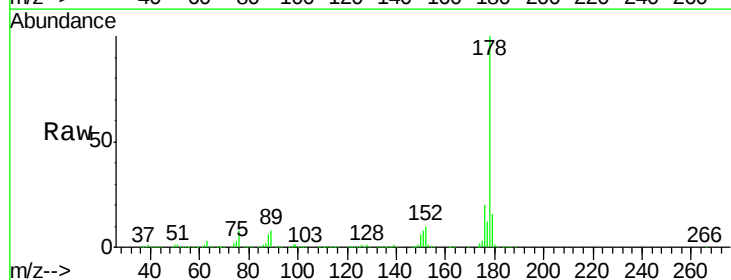
Tgt Ion:178 Resp: 1427595

Ion Ratio Lower Upper

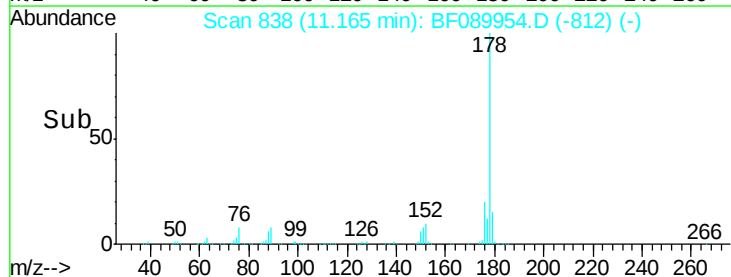
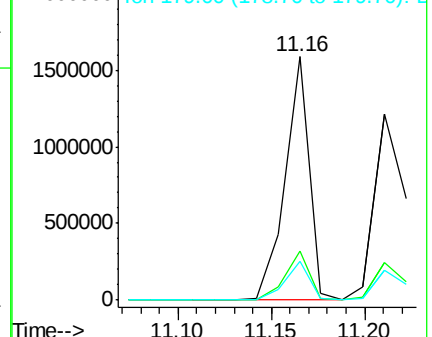
178 100

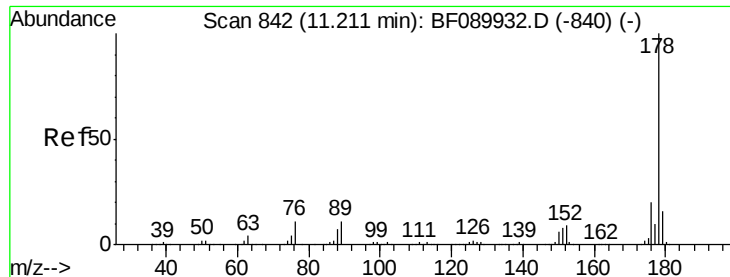
176 20.3 16.5 24.7

179 15.8 12.8 19.2



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

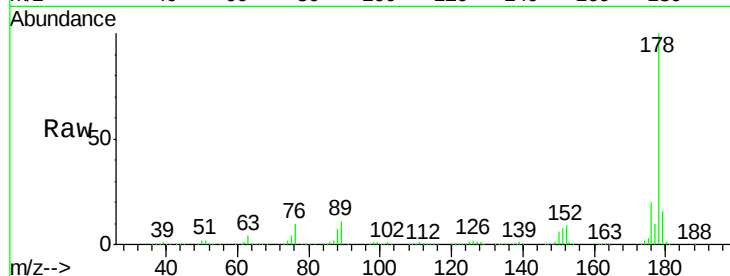




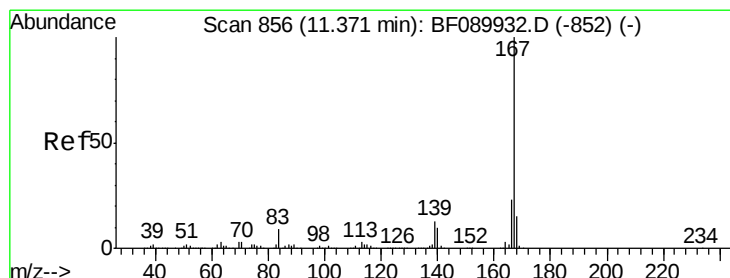
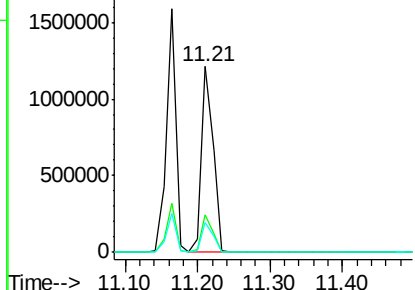
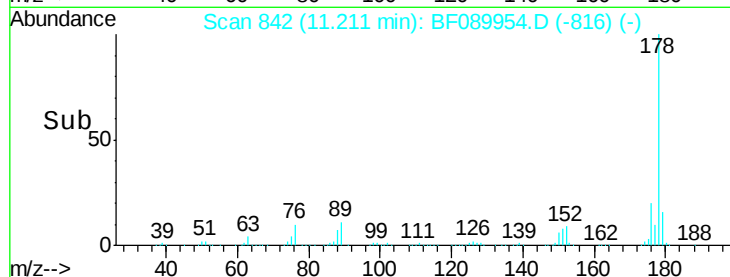
#71
 Anthracene
 Concen: 44.17 ng
 RT: 11.21 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1358372
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 16.1 13.0 19.4

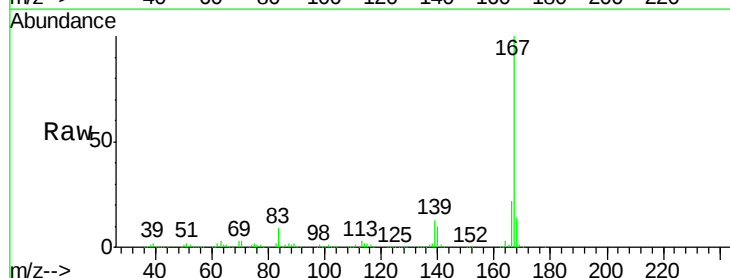


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

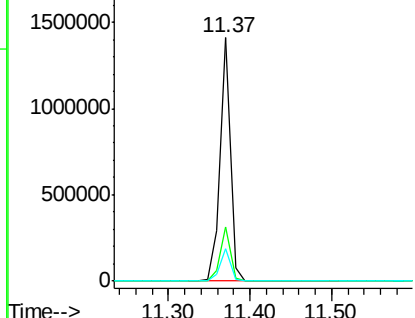
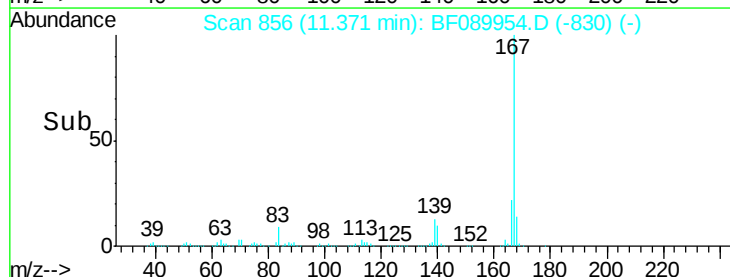


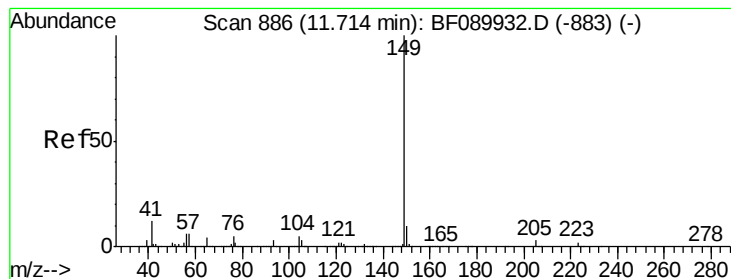
#72
 Carbazole
 Concen: 42.93 ng
 RT: 11.37 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Tgt Ion:167 Resp: 1238152
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.3 10.4 15.6



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: 47.58 ng

RT: 11.71 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

ClientSampleId :

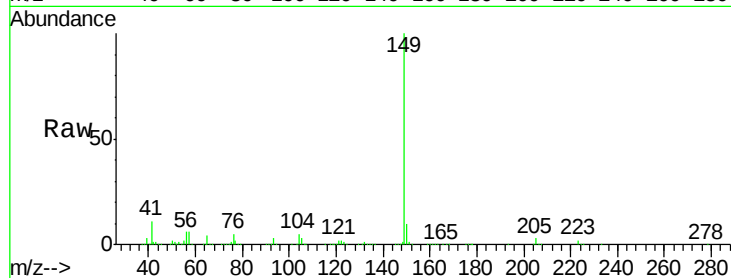
Tot Ion:149 Resp: 1599254

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.8

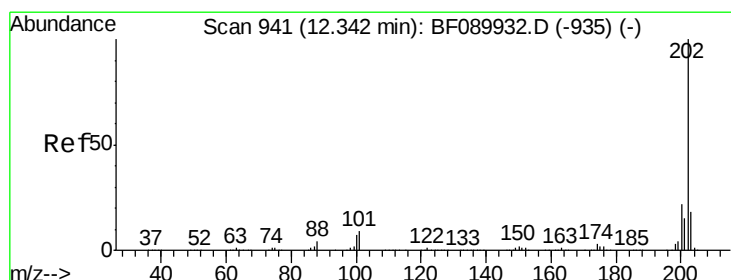
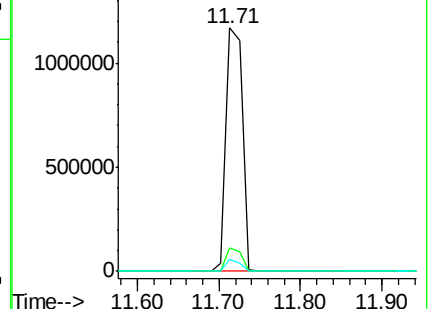
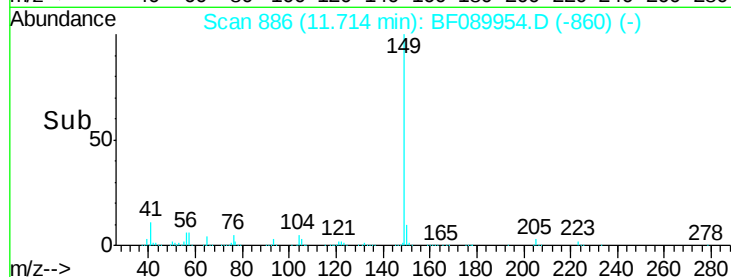
104 5.1 3.9 5.9



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: 43.29 ng

RT: 12.34 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

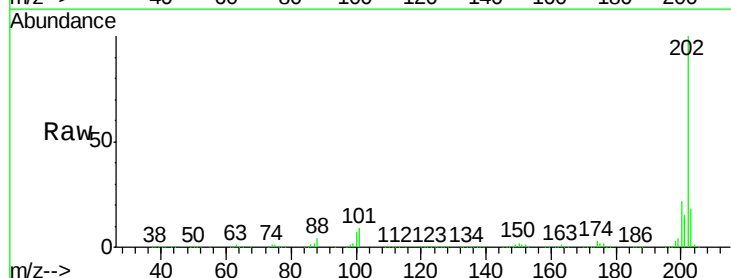
Tgt Ion:202 Resp: 1375558

Ion Ratio Lower Upper

202 100

101 9.2 0.0 28.5

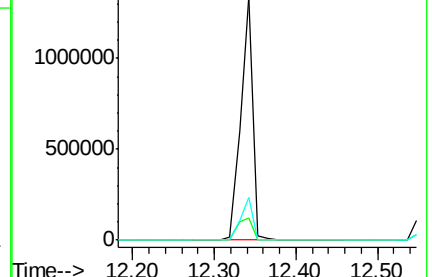
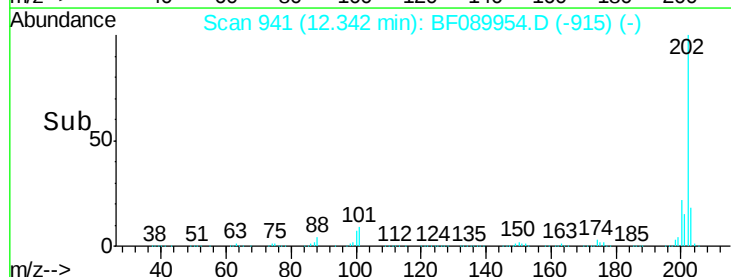
203 17.8 0.0 38.0

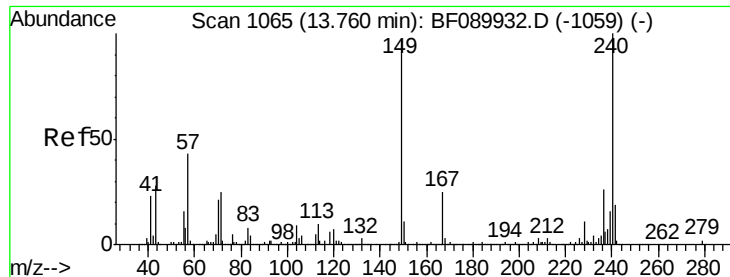


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

ClientSampled :

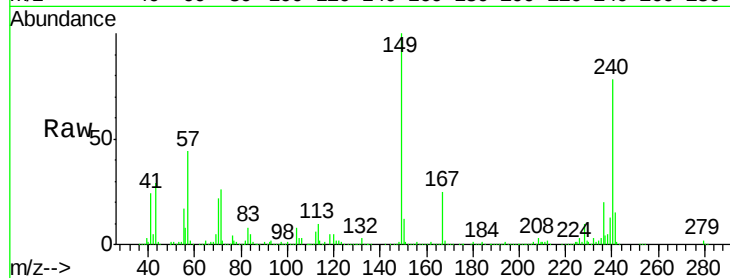
Tot Ion:240 Resp: 390788

Ion Ratio Lower Upper

240 100

120 7.0 5.7 8.5

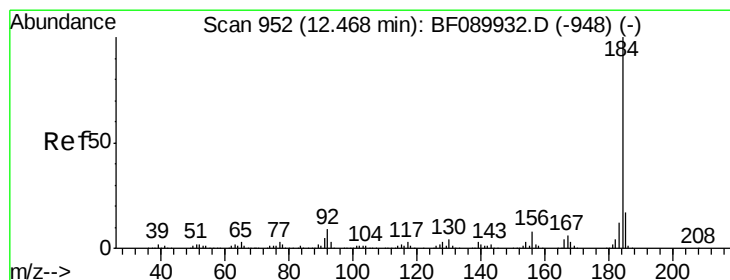
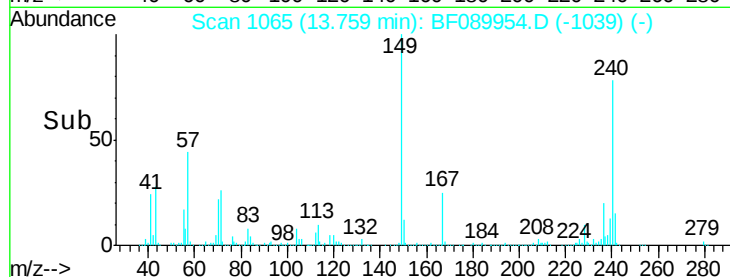
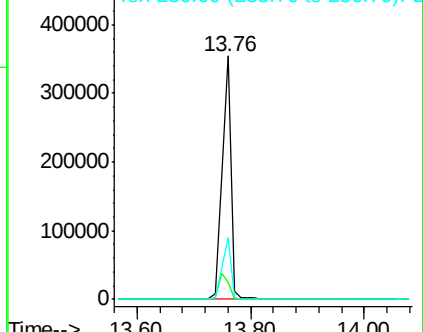
236 25.6 21.3 31.9



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: 43.11 ng

RT: 12.47 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

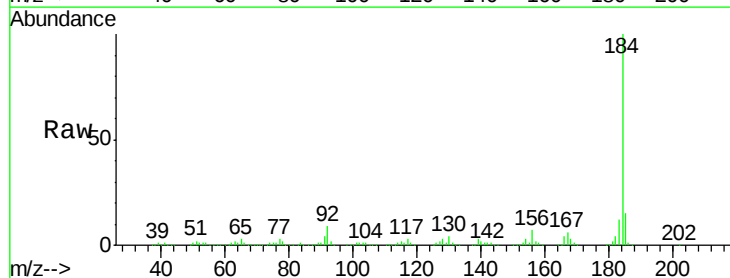
Tgt Ion:184 Resp: 638237

Ion Ratio Lower Upper

184 100

185 14.9 13.8 20.8

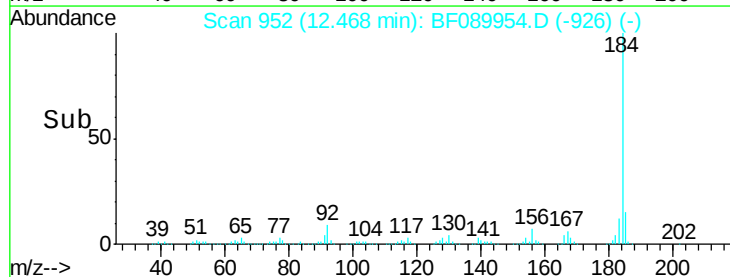
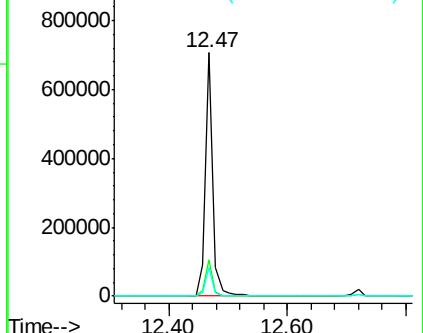
183 11.7 9.6 14.4

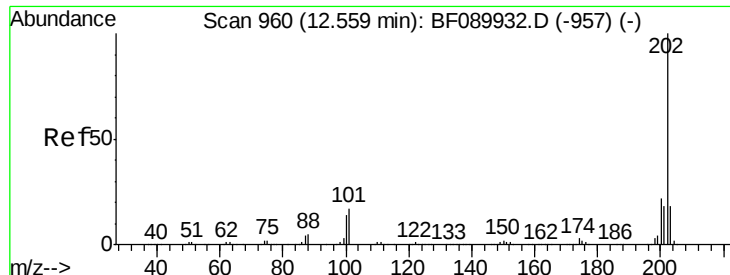


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

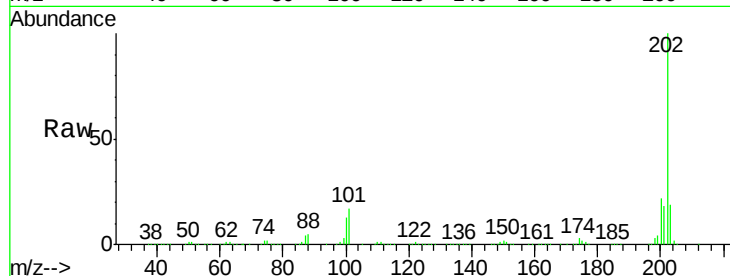




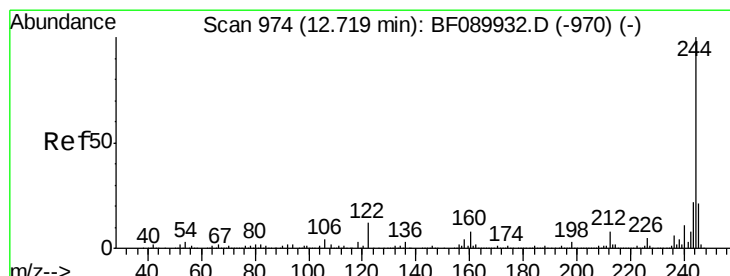
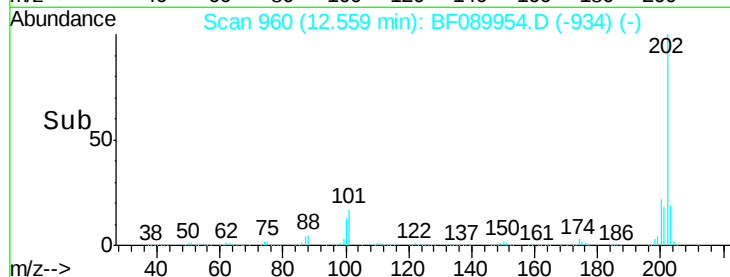
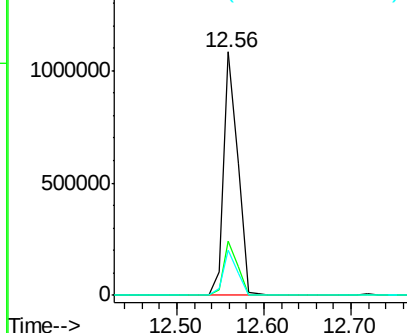
#77
Pvrene
Concen: 44.88 ng
RT: 12.56 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1236624
Ion Ratio Lower Upper
202 100
200 22.2 17.6 26.4
203 18.6 14.6 21.8

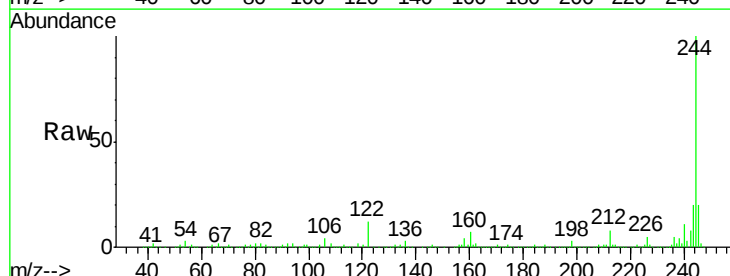


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

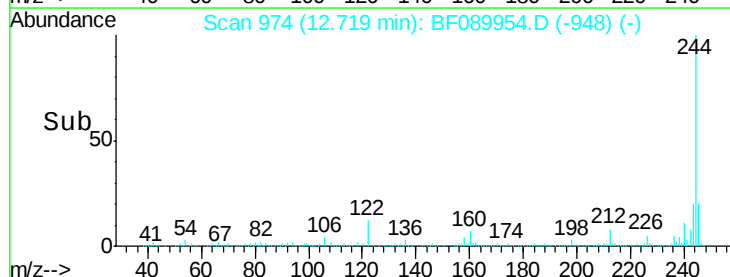
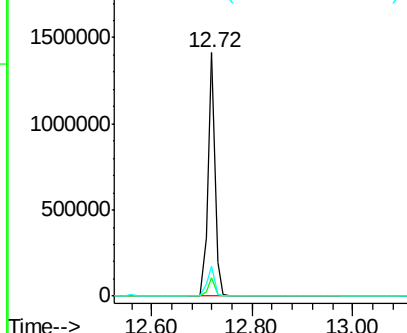


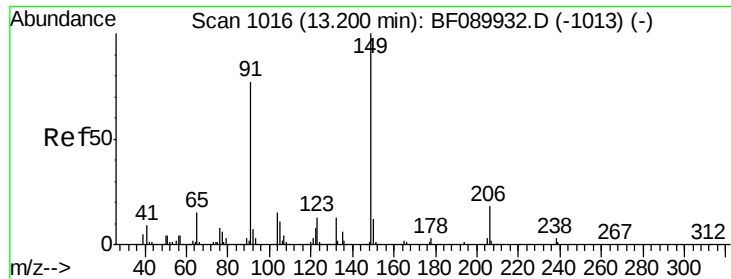
#78
Terphenyl-d14
Concen: 86.58 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Tgt Ion:244 Resp: 1369702
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 12.0 9.6 14.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

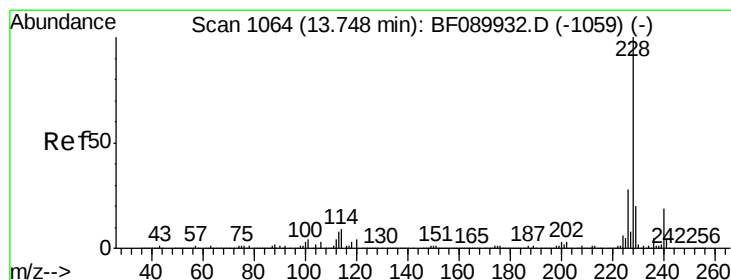
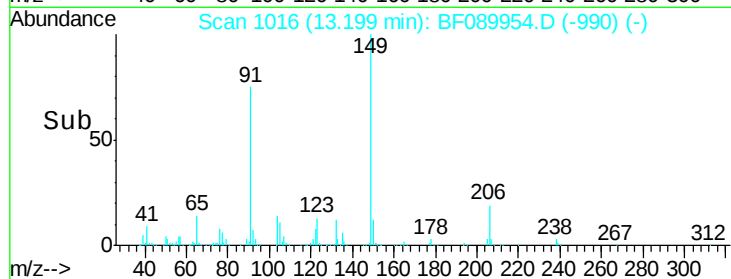
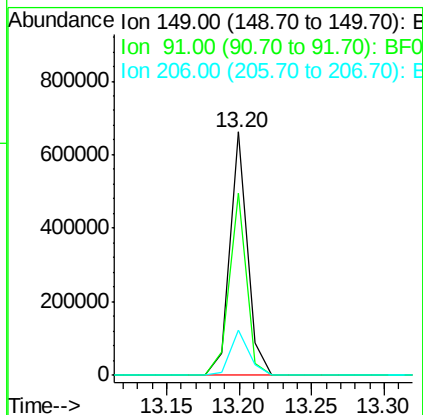
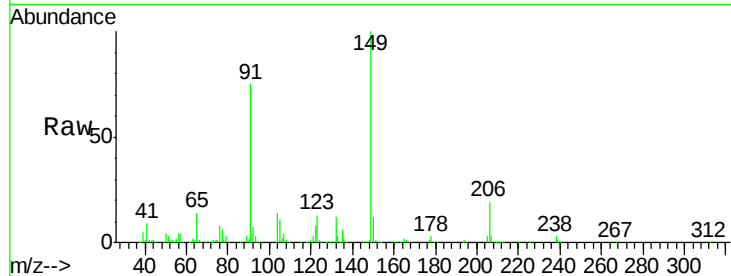




#79
Butylbenzylphthalate
Concen: 50.31 ng
RT: 13.20 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

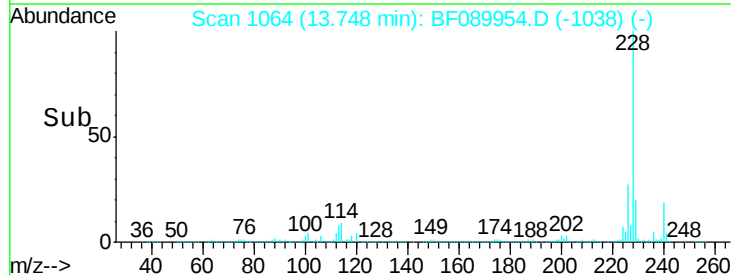
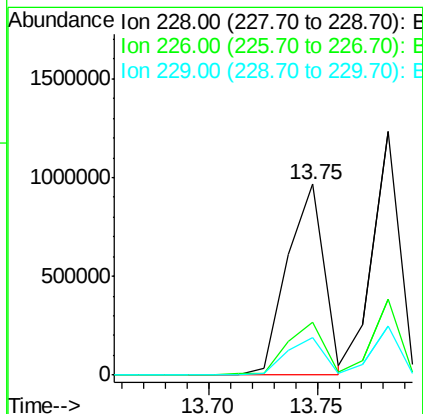
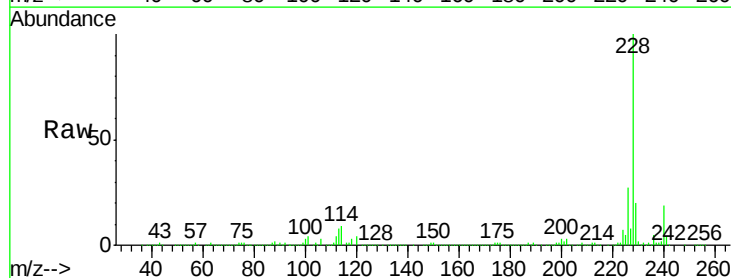
Instrument :
BNA_F
ClientSampled :

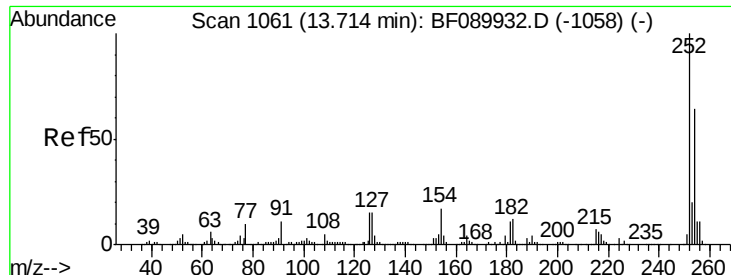
Tot Ion:149 Resp: 559012
Ion Ratio Lower Upper
149 100
91 74.8 60.0 90.0
206 18.6 15.1 22.7



#80
Benzo(a)anthracene
Concen: 47.58 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Tgt Ion:228 Resp: 1138861
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.2
229 19.7 15.8 23.6

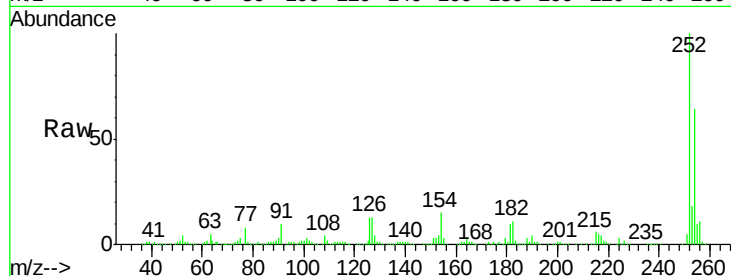




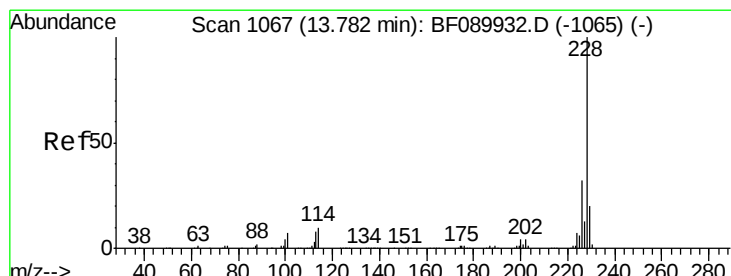
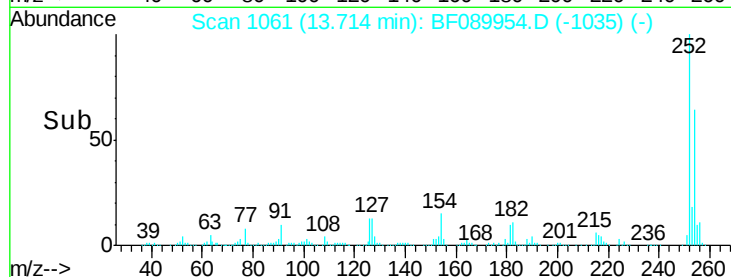
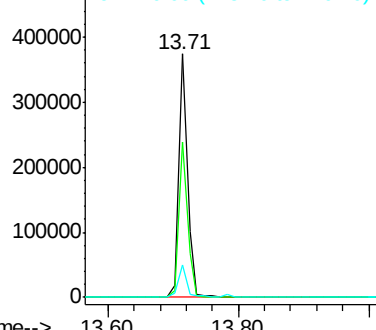
#81
 3,3'-Dichlorobenzidine
 Concen: 40.52 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 350084
 Ion Ratio Lower Upper
 252 100
 254 63.9 51.3 76.9
 126 13.4 12.3 18.5

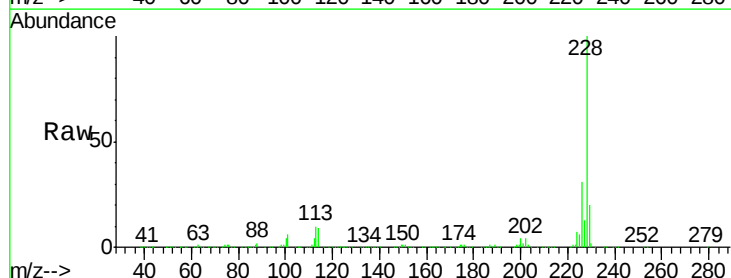


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

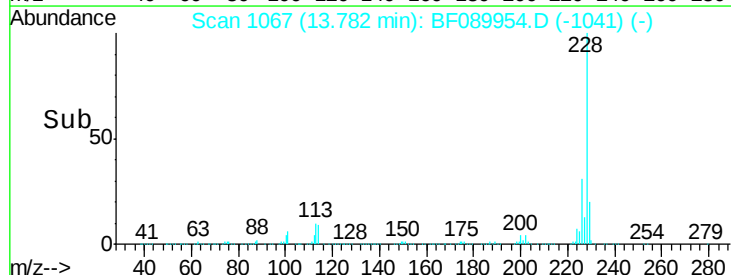
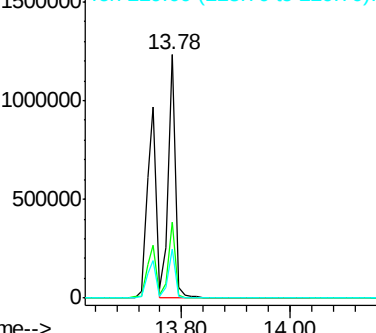


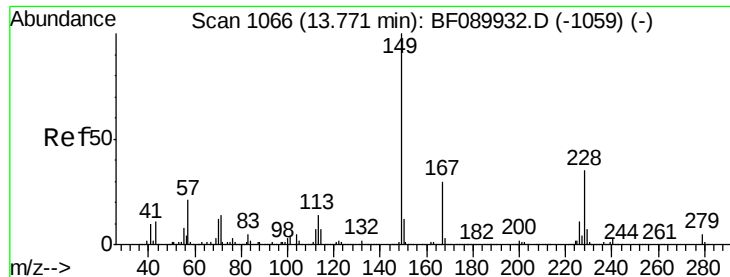
#82
 Chrysene
 Concen: 48.77 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF089954.D
 Acq: 31 Aug 2016 17:00

Tgt Ion:228 Resp: 1090428
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.2 37.8
 229 20.2 16.2 24.2



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: 50.35 ng

RT: 13.77 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

ClientSampleId :

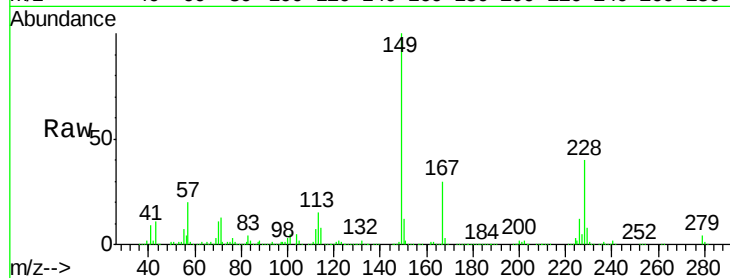
Tot Ion:149 Resp: 773867

Ion Ratio Lower Upper

149 100

167 29.6 23.6 35.4

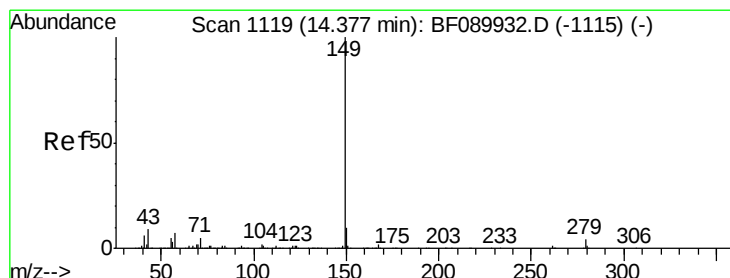
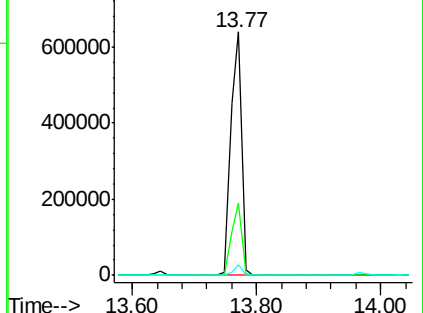
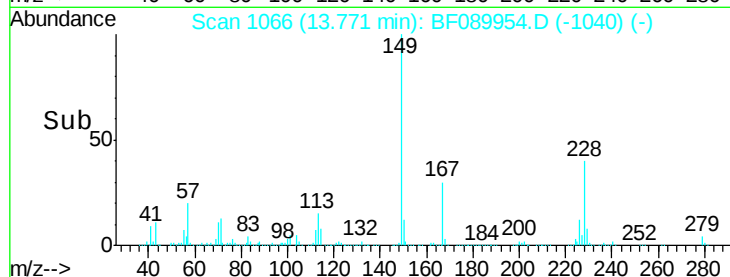
279 4.5 3.4 5.2



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: 54.38 ng

RT: 14.38 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

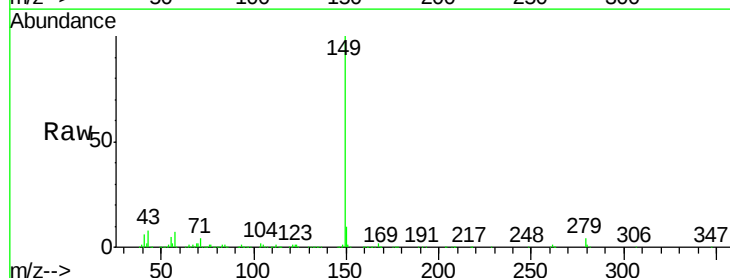
Tgt Ion:149 Resp: 1348939

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

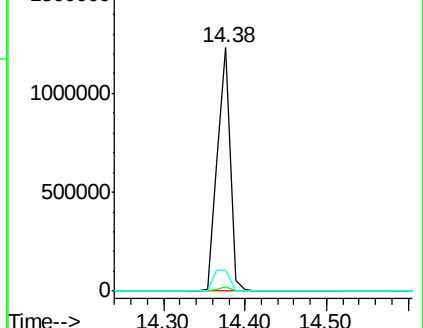
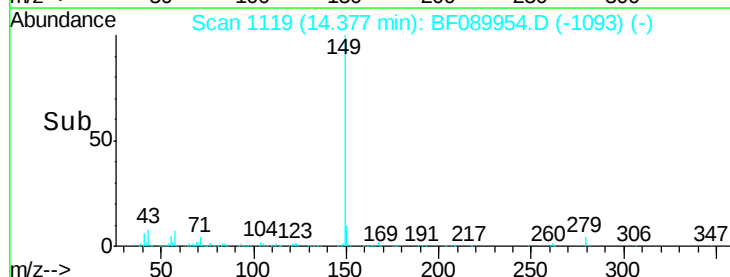
43 11.1 9.3 13.9

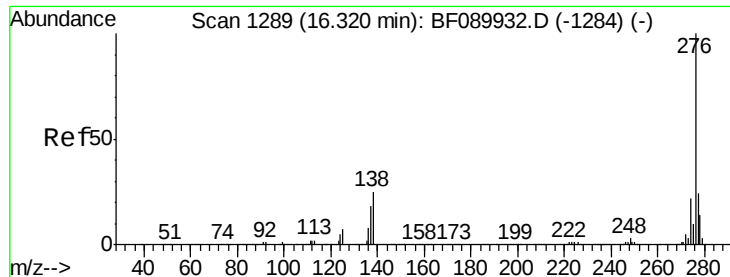


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

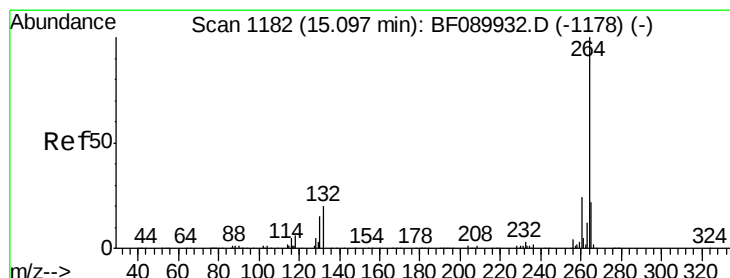
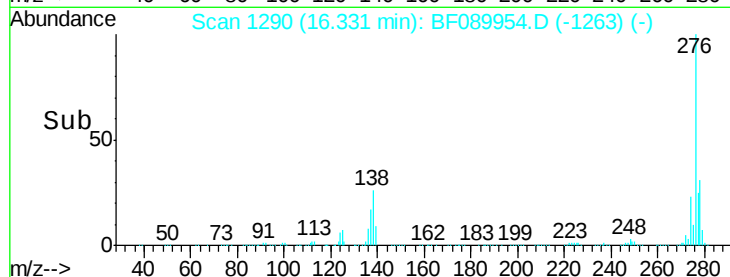
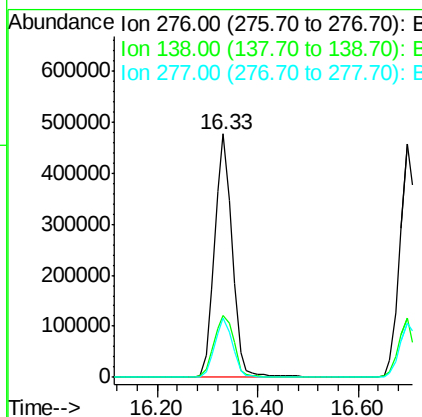
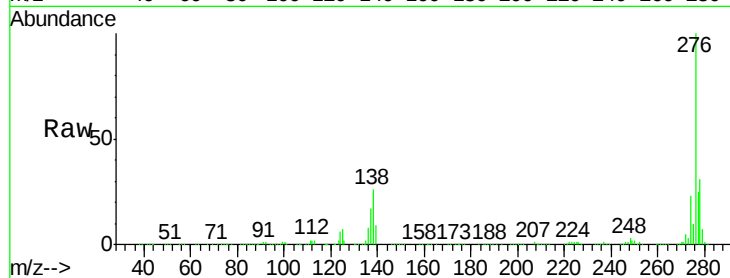




#85
Indeno(1,2,3-cd)pyrene
Concen: 70.53 ng
RT: 16.33 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

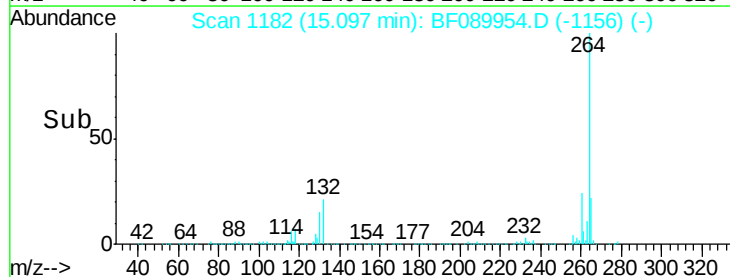
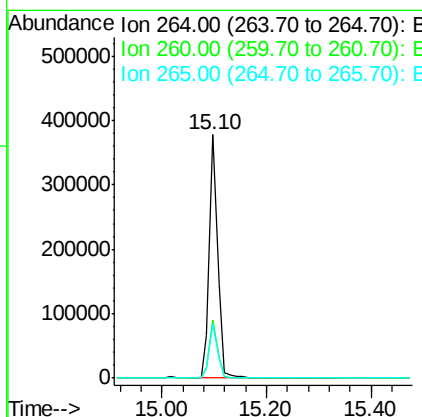
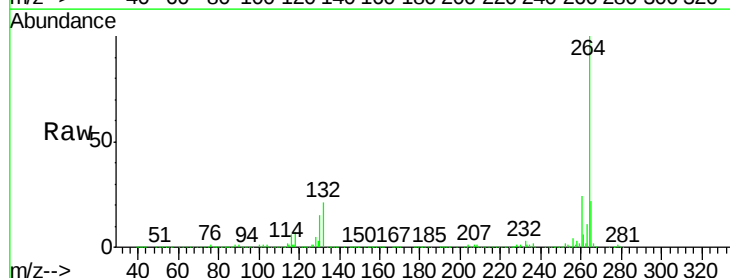
Instrument :
BNA_F
ClientSampleId :

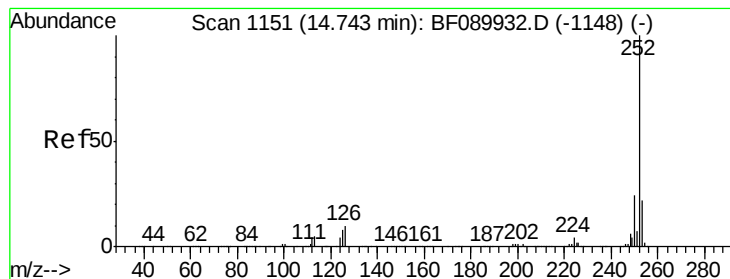
Tot Ion:276 Resp: 1165764
Ion Ratio Lower Upper
276 100
138 29.0 22.6 34.0
277 25.2 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Tgt Ion:264 Resp: 424066
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.0
265 22.2 17.4 26.2





#87

Benzo(b)fluoranthene

Concen: 80.76 ng

RT: 14.77 min Scan# 1153

Delta R.T. 0.02 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

ClientSampled :

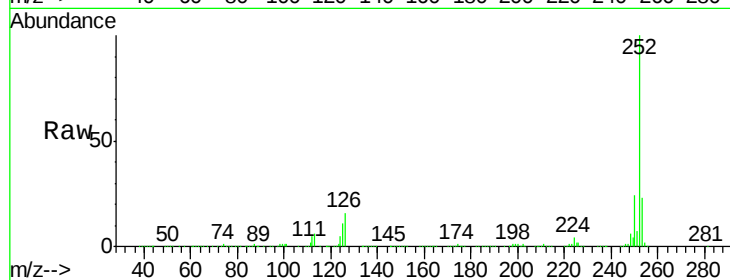
Tot Ion:252 Resp: 2145493

Ion Ratio Lower Upper

252 100

253 22.9 18.0 27.0

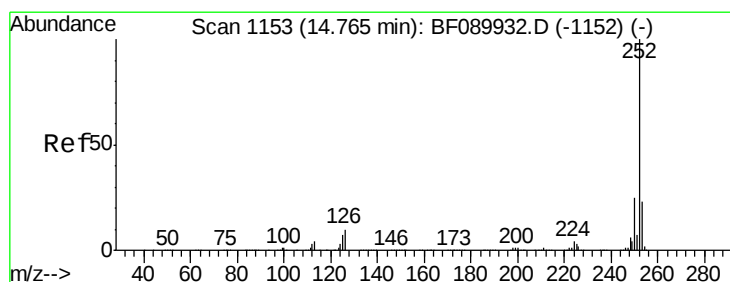
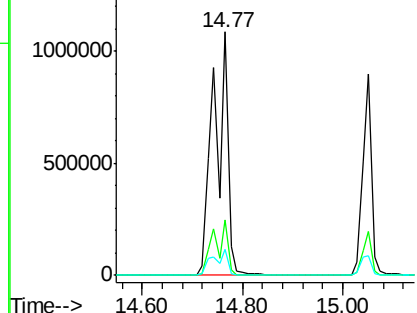
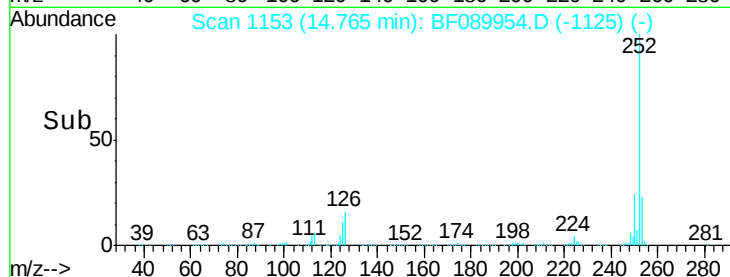
125 10.7 5.7 8.5#



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



#88

Benzo(k)fluoranthene

Concen: 95.20 ng

RT: 14.77 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

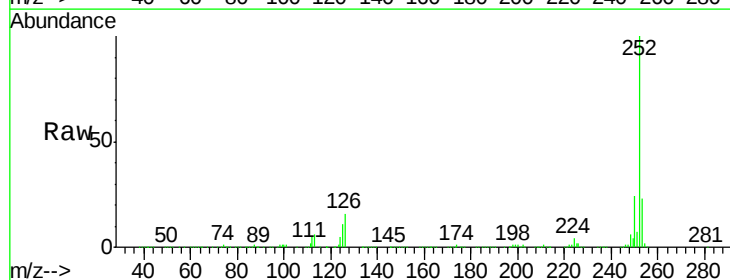
Tgt Ion:252 Resp: 2146203

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

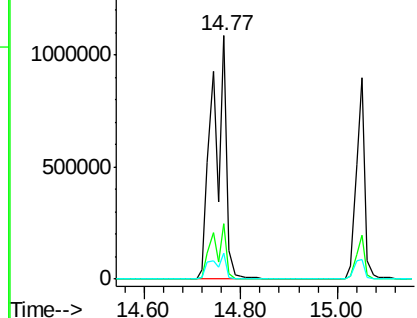
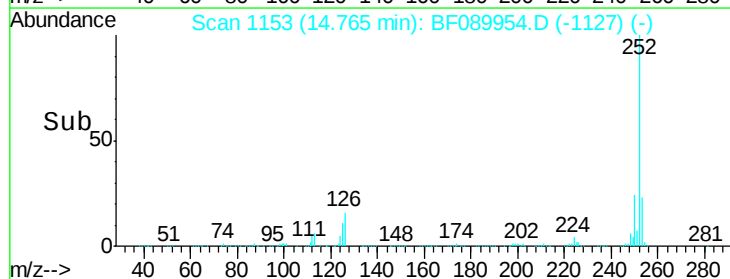
125 10.7 7.3 10.9

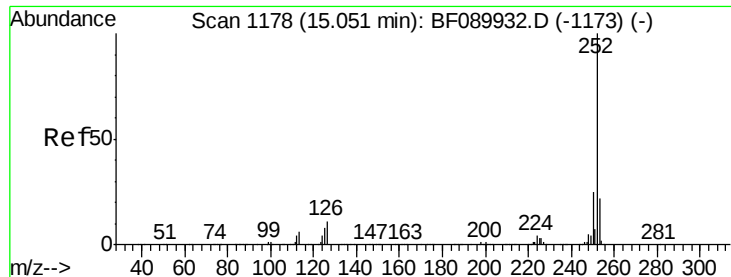


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

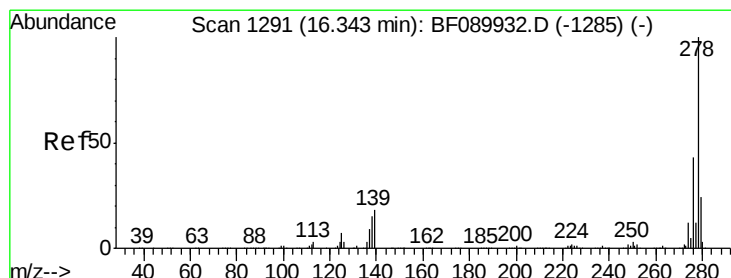
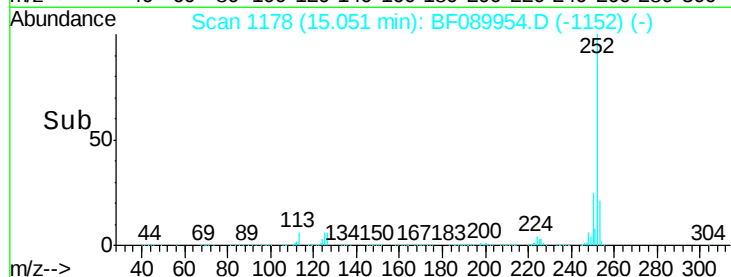
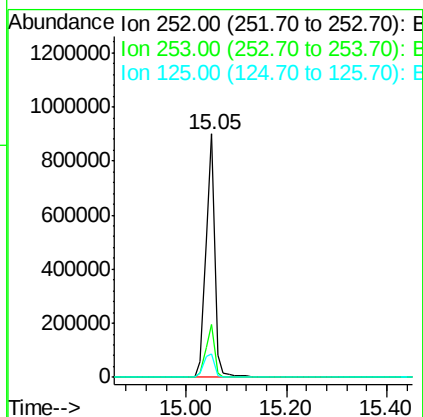
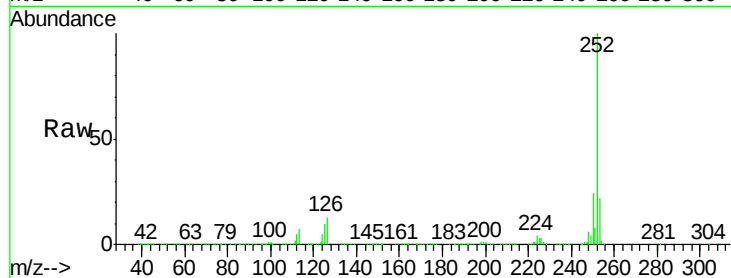




#89
Benzo(a)pyrene
Concen: 48.11 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

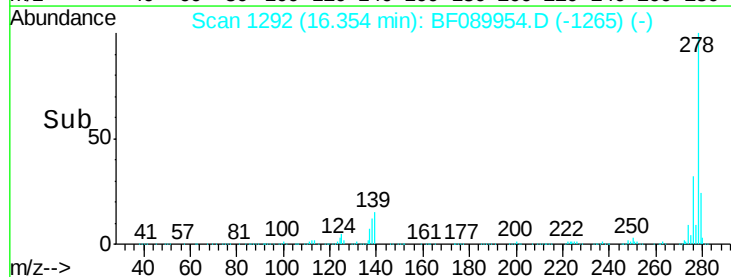
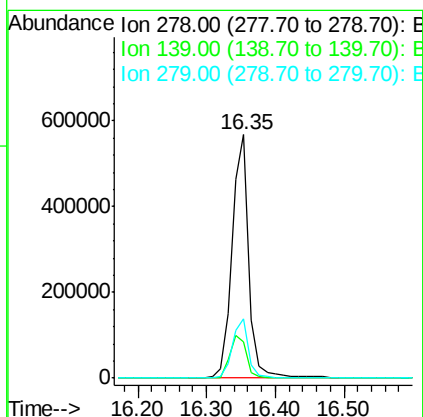
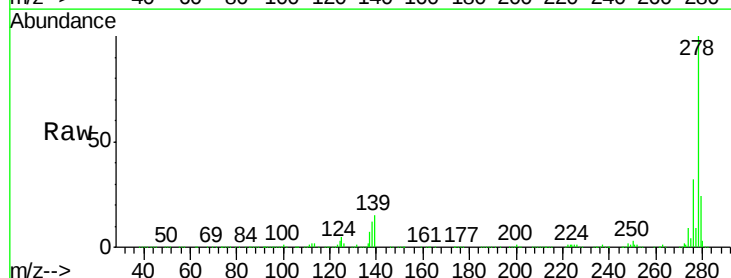
Instrument :
BNA_F
ClientSampleId :

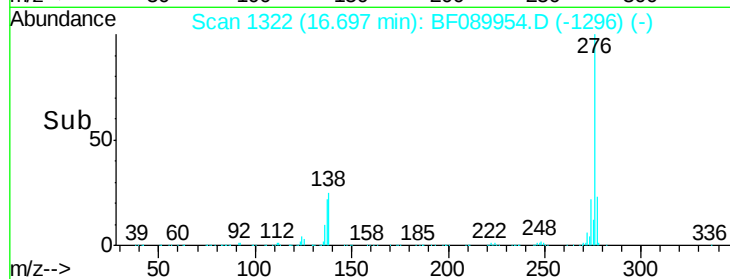
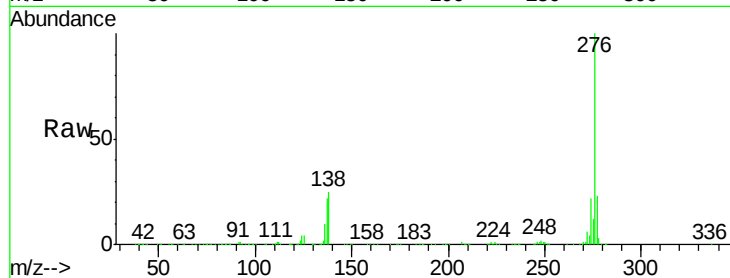
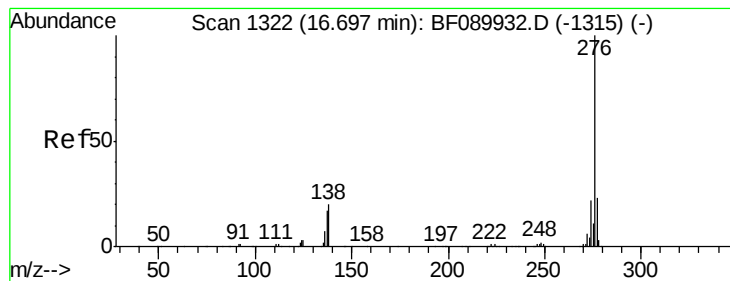
Tot Ion:252 Resp: 1094986
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 9.7 6.3 9.5#



#90
Dibenzo(a,h)anthracene
Concen: 58.60 ng
RT: 16.35 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF089954.D
Acq: 31 Aug 2016 17:00

Tgt Ion:278 Resp: 977297
Ion Ratio Lower Upper
278 100
139 14.9 13.4 20.2
279 24.3 19.4 29.2





#91

Benzo(a,h,i)perylene

Concen: 57.13 ng

RT: 16.70 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF089954.D

Acq: 31 Aug 2016 17:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 959009

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.4

138 25.4 16.4 24.6#

