

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083116\
 Data File : BF089957.D
 Acq On : 31 Aug 2016 18:24
 Operator : UM/SJ
 Sample : H4645-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 19:29:37 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	194712	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	727569	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	349629	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	566068	20.00	ng	0.00
75) Chrysene-d12	13.76	240	384082	20.00	ng	0.00
86) Perylene-d12	15.10	264	443697	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1316481	108.22	ng	0.01
7) Phenol-d6	6.28	99	1714483	115.99	ng	0.01
23) Nitrobenzene-d5	7.21	82	1104921	88.07	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	397344	115.19	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1931039	90.66	ng	0.00
78) Terphenyl-d14	12.72	244	1311524	84.35	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.15	88	180923	31.39	ng	99
3) Pyridine	2.79	79	307481	20.00	ng	97
4) n-Nitrosodimethylamine	2.73	42	310030	40.89	ng	99
6) Aniline	6.30	93	565550	28.04	ng	# 68
8) 2-Chlorophenol	6.42	128	501357	37.99	ng	93
9) Benzaldehyde	6.17	77	104331	10.94	ng	87
10) Phenol	6.30	94	538633	31.34	ng	99
11) bis(2-Chloroethyl)ether	6.39	93	516987	39.75	ng	87
12) 1,3-Dichlorobenzene	6.58	146	573742	38.93	ng	98
13) 1,4-Dichlorobenzene	6.65	146	549579	36.44	ng	99
14) 1,2-Dichlorobenzene	6.81	146	549470	40.64	ng	99
15) Benzyl Alcohol	6.79	79	367584	39.70	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1003365	40.46	ng	98
17) 2-Methylphenol	6.91	107	444077	42.13	ng	97
18) Hexachloroethane	7.15	117	198431	38.41	ng	96
19) n-Nitroso-di-n-propylamine	7.07	70	379673	39.42	ng	98
20) 3+4-Methylphenols	7.06	107	468909	36.70	ng	95
22) Acetophenone	7.05	105	633194	38.79	ng	# 92
24) Nitrobenzene	7.22	77	490668	36.79	ng	97
25) Isophorone	7.47	82	1028222	40.30	ng	98
26) 2-Nitrophenol	7.54	139	269759	42.31	ng	97
27) 2,4-Dimethylphenol	7.59	122	478618	40.58	ng	99
28) bis(2-Chloroethoxy)methane	7.69	93	694224	45.12	ng	100
29) 2,4-Dichlorophenol	7.78	162	416662	39.41	ng	99
30) 1,2,4-Trichlorobenzene	7.87	180	489471	42.35	ng	99
31) Naphthalene	7.94	128	1369961	37.80	ng	99
32) Benzoic acid	7.68	122	90609	11.41	ng	92
33) 4-Chloroaniline	8.00	127	416016	28.45	ng	96
34) Hexachlorobutadiene	8.07	225	266017	39.27	ng	97
35) Caprolactam	8.36	113	137518	41.21	ng	92
36) 4-Chloro-3-methylphenol	8.49	107	468135	41.81	ng	92
37) 2-Methylnaphthalene	8.64	142	1015579	42.40	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	359637	35.11	ng	100
40) Hexachlorocyclopentadiene	8.79	237	325755	62.03	ng	94

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 Misc :
 ALS Vial : 22 Sample Multiplier: 1

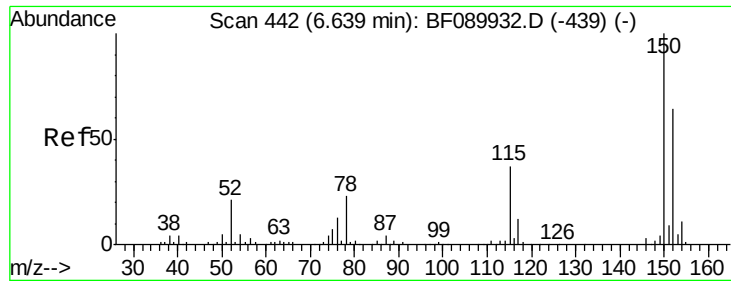
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 19:29:37 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)

42) 2,4,6-Trichlorophenol	8.91	196	303030	42.69	nq	97
43) 2,4,5-Trichlorophenol	8.96	196	304072	44.55	nq	# 89
45) 1,1'-Biphenyl	9.10	154	962284	34.18	nq	99
46) 2-Chloronaphthalene	9.12	162	868173	43.60	nq	100
47) 2-Nitroaniline	9.21	65	263261	40.44	nq	99
48) Acenaphthylene	9.53	152	1314671	39.93	nq	99
49) Dimethylphthalate	9.40	163	1303351	51.58	nq	100
50) 2,6-Dinitrotoluene	9.46	165	229281	40.79	nq	100
51) Acenaphthene	9.70	154	848687	40.68	nq	100
52) 3-Nitroaniline	9.62	138	179470	28.00	nq	98
53) 2,4-Dinitrophenol	9.72	184	105883	38.73	nq	99
54) Dibenzofuran	9.87	168	1179786	42.20	nq	100
55) 4-Nitrophenol	9.79	139	315962	65.35	nq	# 64
56) 2,4-Dinitrotoluene	9.86	165	315775	44.30	nq	99
57) Fluorene	10.22	166	887545	43.45	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	226459	38.75	nq	99
59) Diethylphthalate	10.10	149	938293	39.47	nq	99
60) 4-Chlorophenyl-phenylether	10.22	204	415521	43.22	nq	99
61) 4-Nitroaniline	10.23	138	196208	31.15	nq	87
62) Azobenzene	10.36	77	964013	40.60	nq	99
64) 4,6-Dinitro-2-methylphenol	10.26	198	107883	29.77	nq	86
65) n-Nitrosodiphenylamine	10.33	169	788121	46.31	nq	99
66) 4-Bromophenyl-phenylether	10.70	248	259792	45.59	nq	98
67) Hexachlorobenzene	10.75	284	251232	38.59	nq	100
68) Atrazine	10.86	200	229819	40.45	nq	99
69) Pentachlorophenol	10.95	266	250853	71.63	nq	98
70) Phenanthrene	11.16	178	1209433	42.90	nq	99
71) Anthracene	11.21	178	1125409	39.36	nq	99
72) Carbazole	11.37	167	1098266	40.97	nq	99
73) Di-n-butylphthalate	11.71	149	1300605	41.62	nq	99
74) Fluoranthene	12.34	202	1153870	39.06	nq	98
76) Benzidine	12.47	184	464253	31.91	nq	97
77) Pyrene	12.56	202	1036626	38.28	nq	100
79) Butylbenzylphthalate	13.20	149	497550	45.56	nq	94
80) Benzo(a)anthracene	13.75	228	1033660	43.94	nq	100
81) 3,3'-Dichlorobenzidine	13.71	252	353810	41.67	nq	# 98
82) Chrysene	13.78	228	1006453	45.80	nq	99
83) Bis(2-ethylhexyl)phthalate	13.76	149	640909	42.43	nq	# 93
84) Di-n-octyl phthalate	14.38	149	1188331	48.74	nq	100
85) Indeno(1,2,3-cd)pyrene	16.33	276	1105295	68.04	nq	99
87) Benzo(b)fluoranthene	14.77	252	2064778	74.28	nq	# 98
88) Benzo(k)fluoranthene	14.77	252	2066344	87.61	nq	99
89) Benzo(a)pyrene	15.05	252	1045814	43.92	nq	99
90) Dibenzo(a,h)anthracene	16.34	278	931719	53.40	nq	# 96
91) Benzo(g,h,i)perylene	16.70	276	904516	51.50	nq	# 94

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

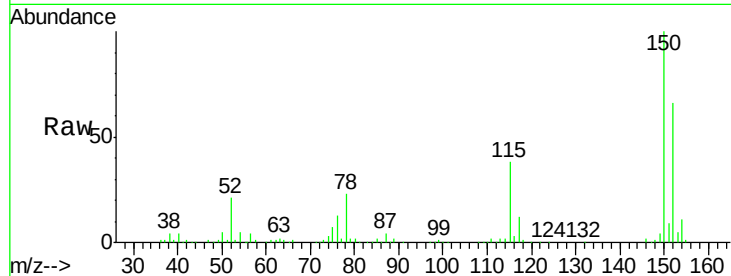


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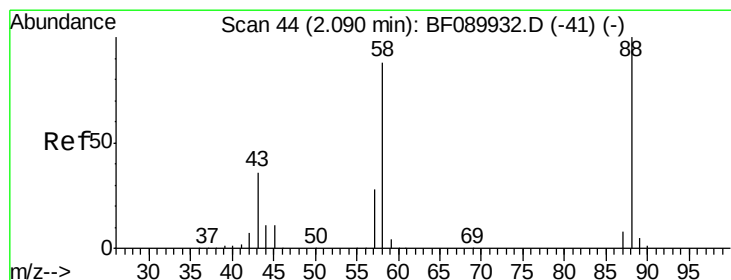
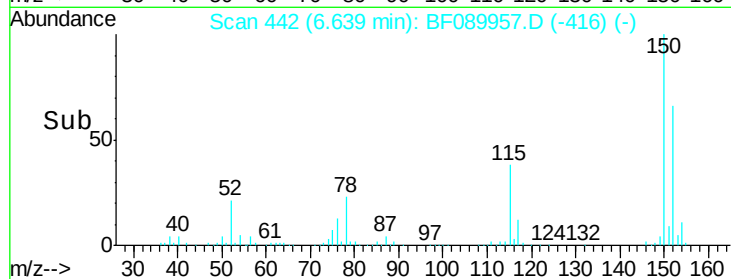
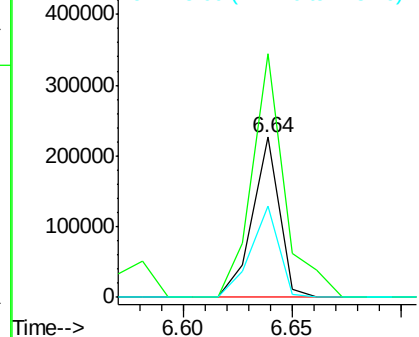
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 194712
Ion Ratio Lower Upper
152 100
150 152.0 127.4 191.2
115 57.3 46.3 69.5



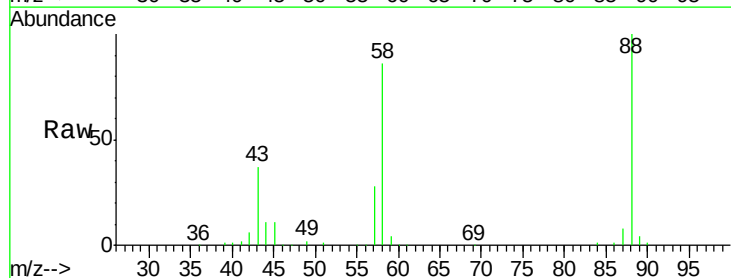
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



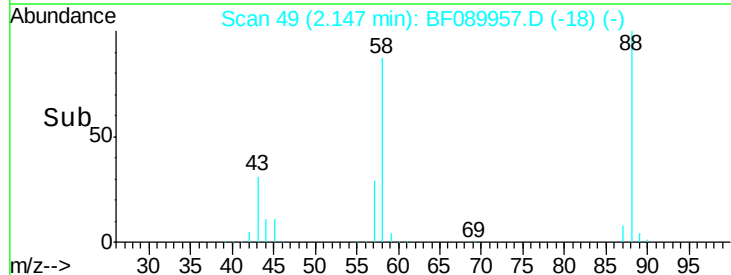
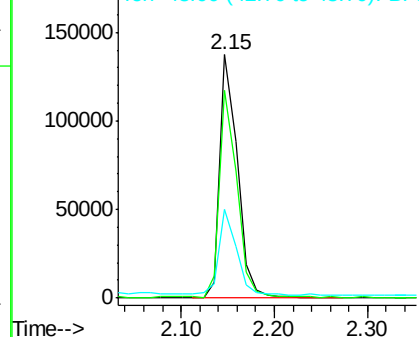
#2

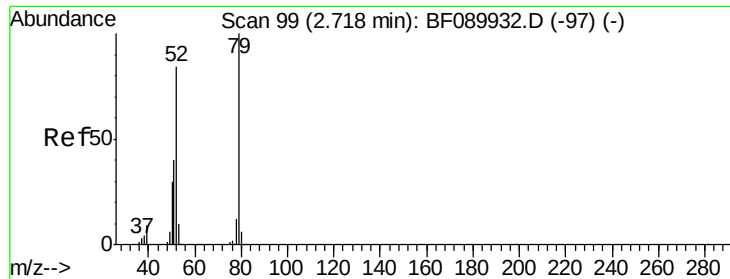
1,4-Dioxane
Concen: 31.39 ng
RT: 2.15 min Scan# 49
Delta R.T. 0.06 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

Tgt Ion: 88 Resp: 180923
Ion Ratio Lower Upper
88 100
58 84.7 68.8 103.2
43 34.1 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: 20.00 ng

RT: 2.79 min Scan# 105

Delta R.T. 0.07 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

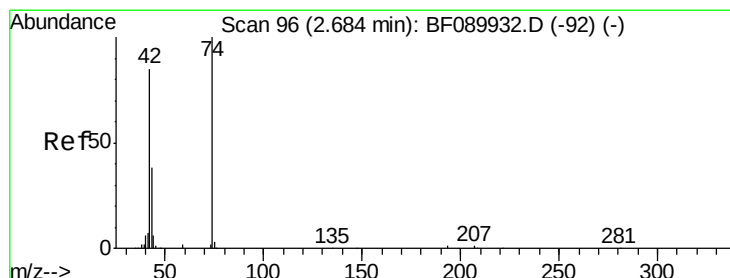
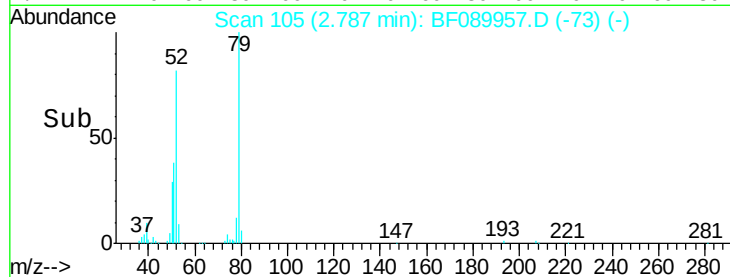
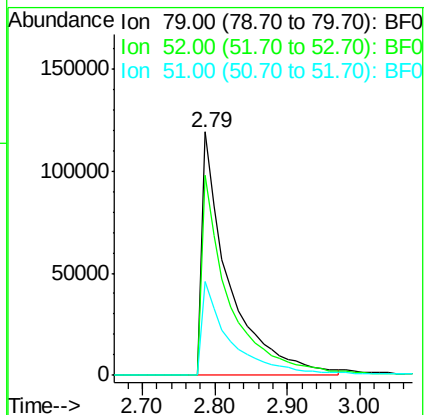
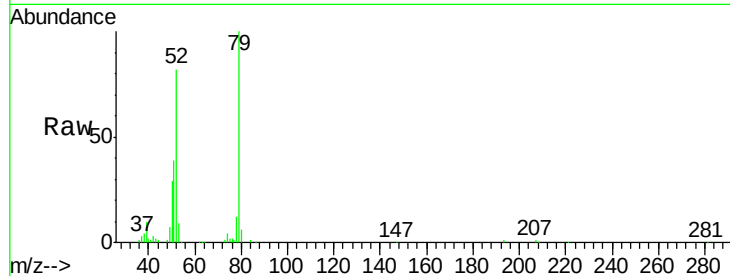
Tot Ion: 79 Resp: 307481

Ion Ratio Lower Upper

79 100

52 82.3 67.8 101.6

51 38.7 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 40.89 ng

RT: 2.73 min Scan# 100

Delta R.T. 0.05 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

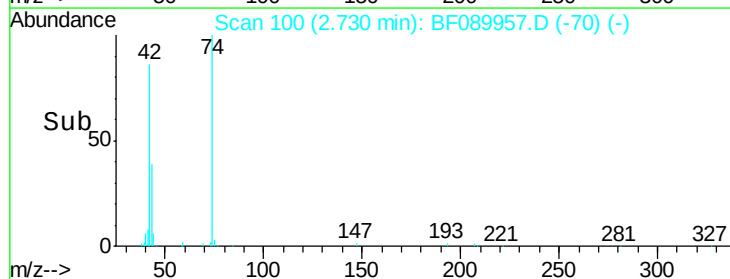
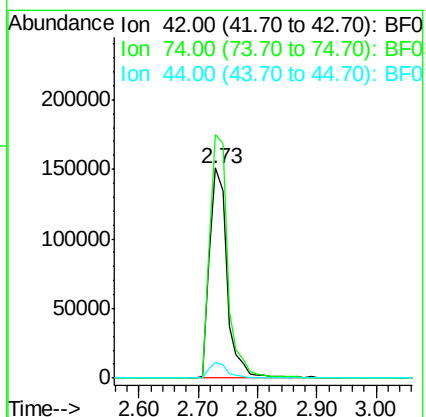
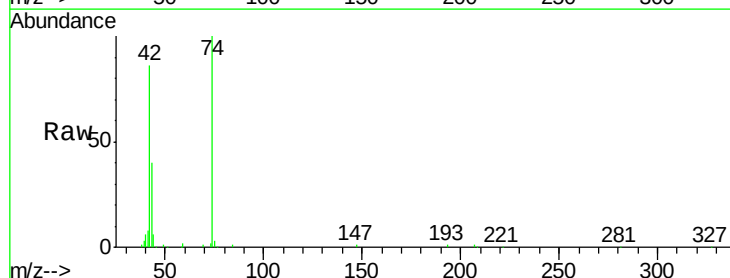
Tgt Ion: 42 Resp: 310030

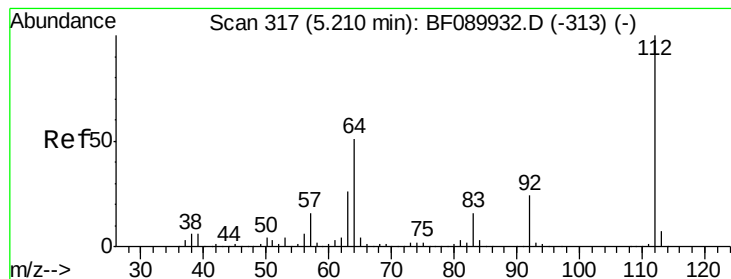
Ion Ratio Lower Upper

42 100

74 116.1 92.0 138.0

44 7.2 5.8 8.8

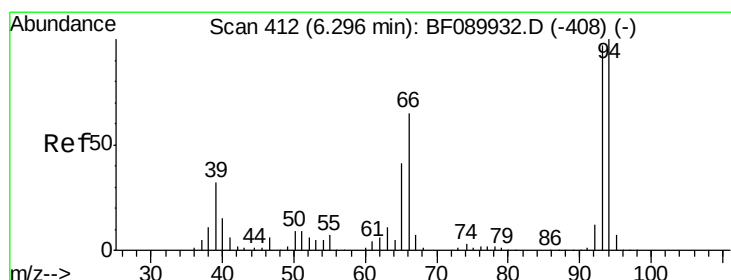
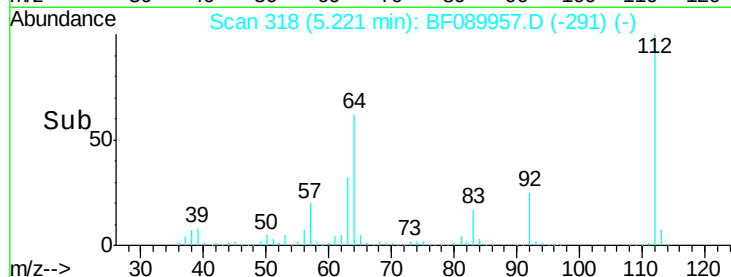
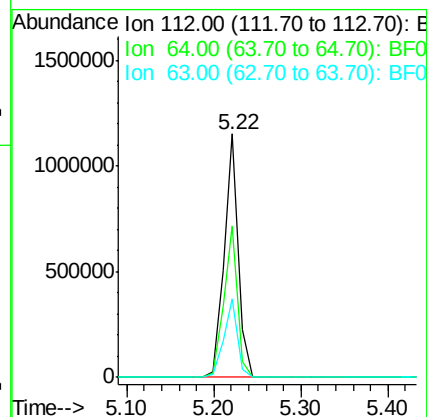
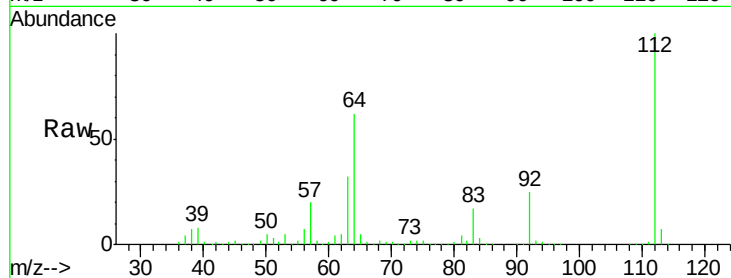




#5
 2-Fluorophenol
 Concen: 108.22 ng
 RT: 5.22 min Scan# 318
 Delta R.T. 0.01 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

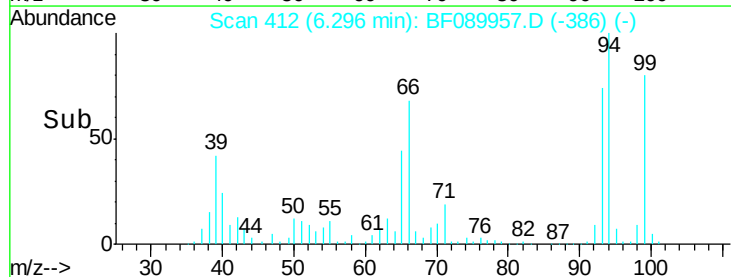
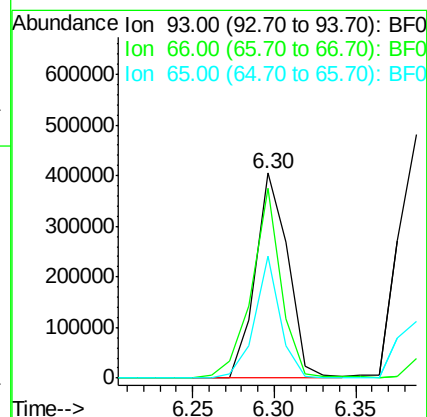
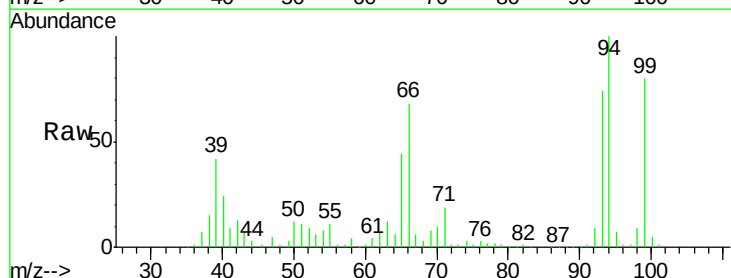
Instrument :
 BNA_F
 ClientSampled :

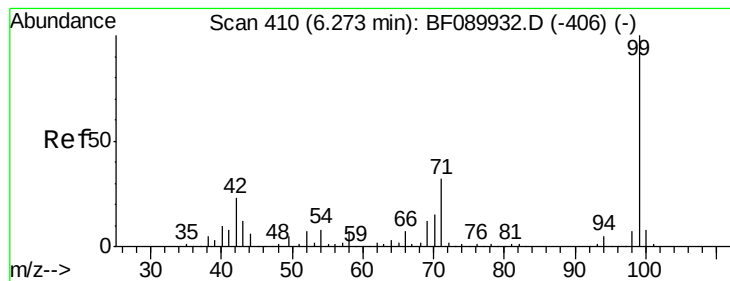
Tot Ion:112 Resp: 1316481
 Ion Ratio Lower Upper
 112 100
 64 62.1 41.1 61.7#
 63 32.0 21.2 31.8#



#6
 Aniline
 Concen: 28.04 ng
 RT: 6.30 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

Tgt Ion: 93 Resp: 565550
 Ion Ratio Lower Upper
 93 100
 66 92.8 52.9 79.3#
 65 59.7 33.0 49.6#





#7

Phenol-d6

Concen: 115.99 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

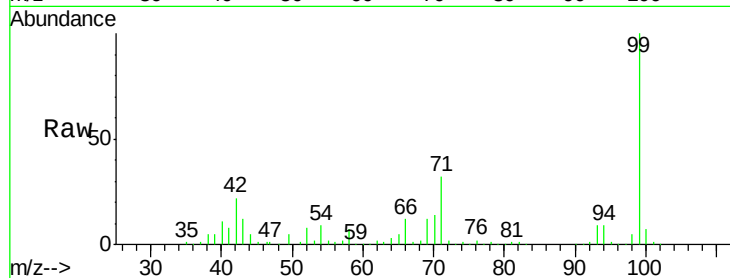
Tot Ion: 99 Resp: 1714483

Ion Ratio Lower Upper

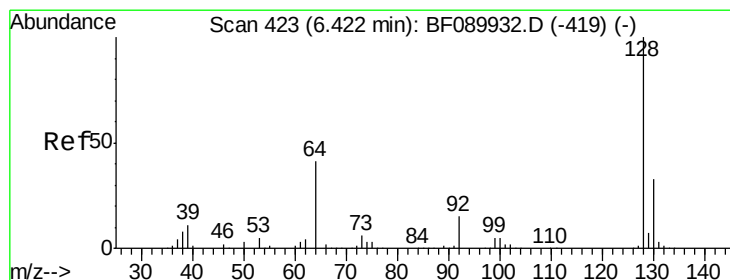
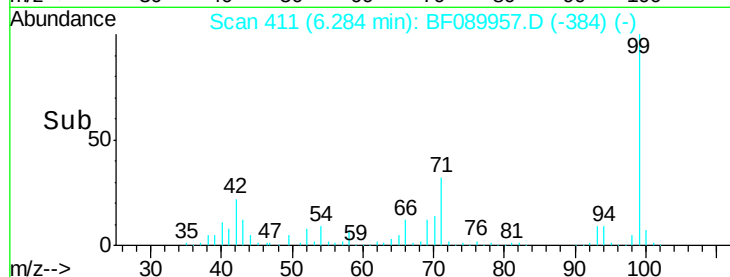
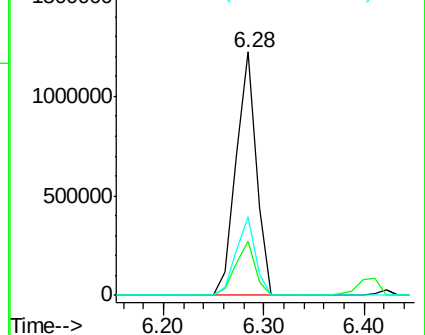
99 100

42 22.3 18.6 27.8

71 32.2 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: 37.99 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

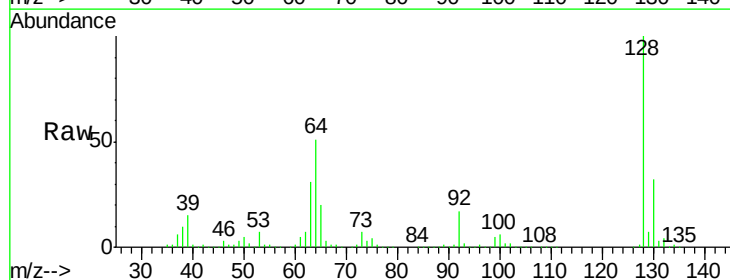
Tgt Ion:128 Resp: 501357

Ion Ratio Lower Upper

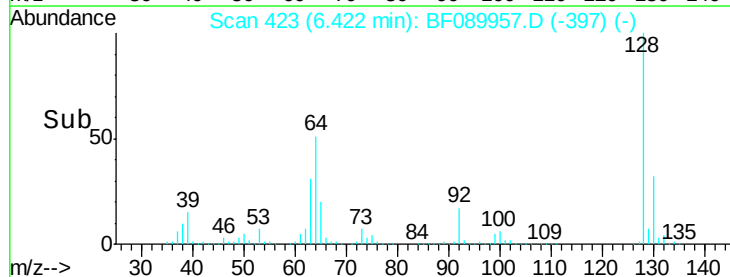
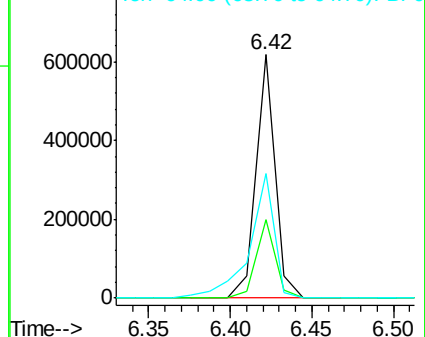
128 100

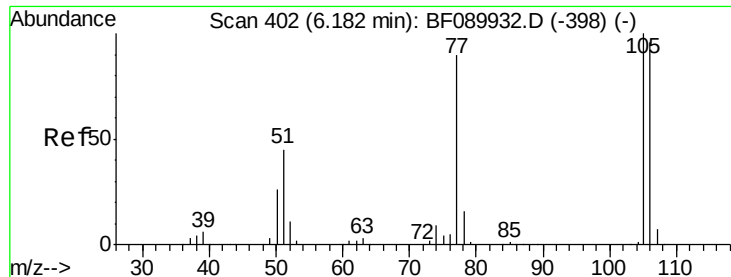
130 32.5 12.8 52.8

64 51.0 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: 10.94 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampled :

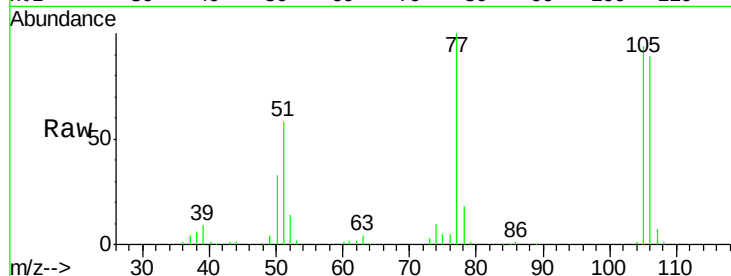
Tot Ion: 77 Resp: 104331

Ion Ratio Lower Upper

77 100

105 93.9 85.4 125.4

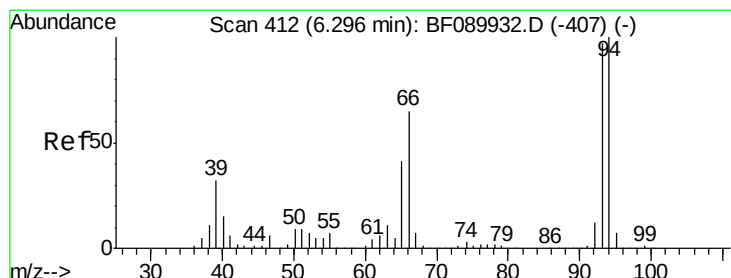
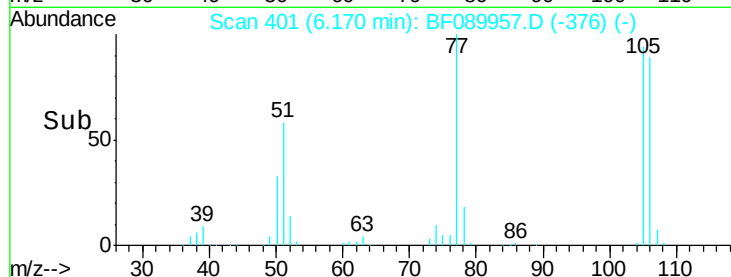
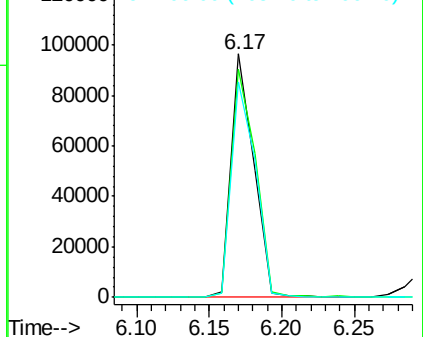
106 88.5 83.4 123.4



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: 31.34 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

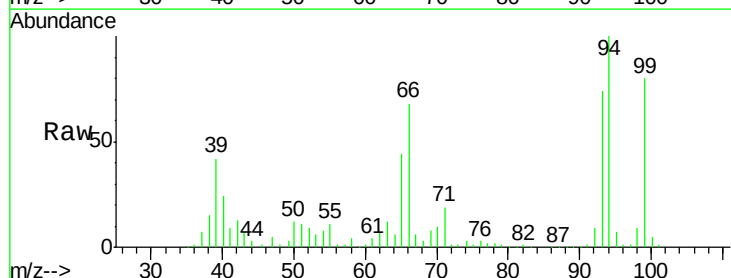
Tgt Ion: 94 Resp: 538633

Ion Ratio Lower Upper

94 100

65 44.0 23.2 63.2

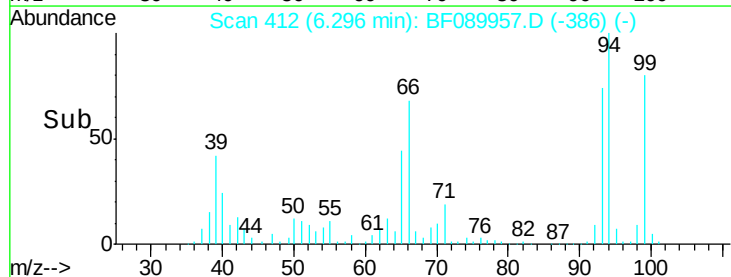
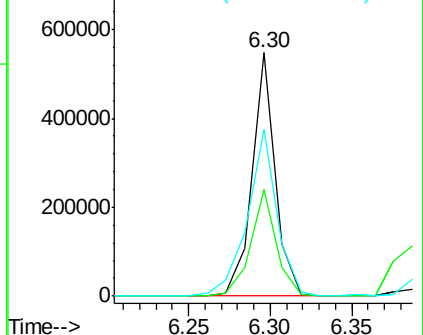
66 68.4 49.2 89.2

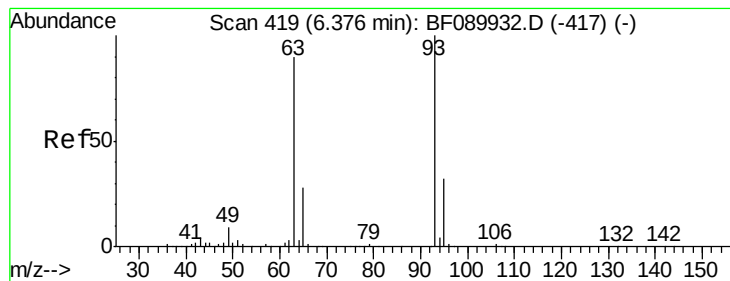


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.75 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.01 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampled :

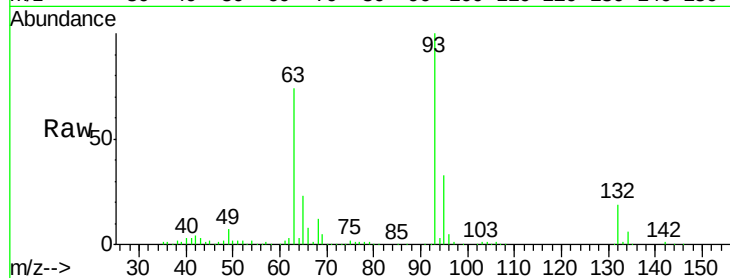
Tot Ion: 93 Resp: 516987

Ion Ratio Lower Upper

93 100

63 74.2 71.1 111.1

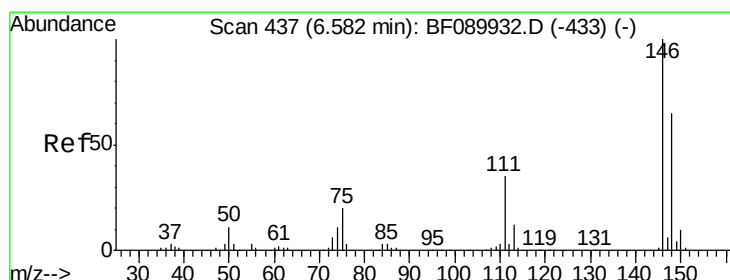
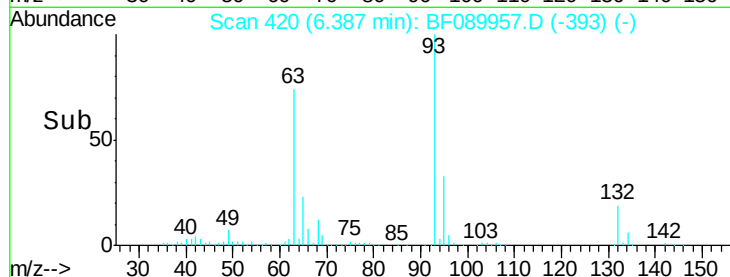
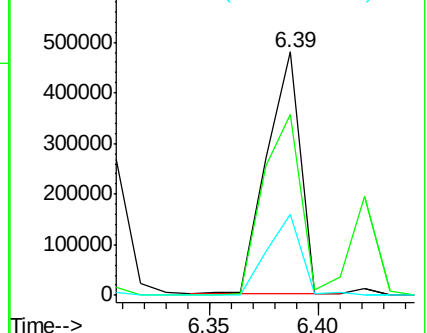
95 33.0 12.4 52.4



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: 38.93 ng

RT: 6.58 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

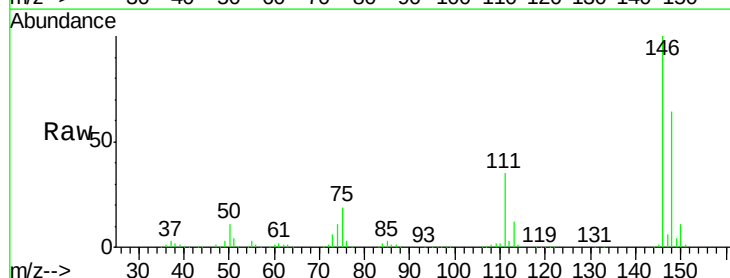
Tgt Ion: 146 Resp: 573742

Ion Ratio Lower Upper

146 100

148 64.2 52.5 78.7

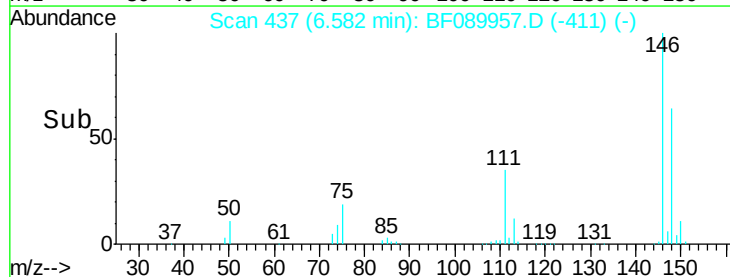
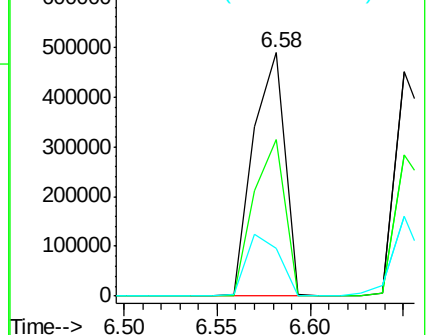
75 19.4 16.6 24.8

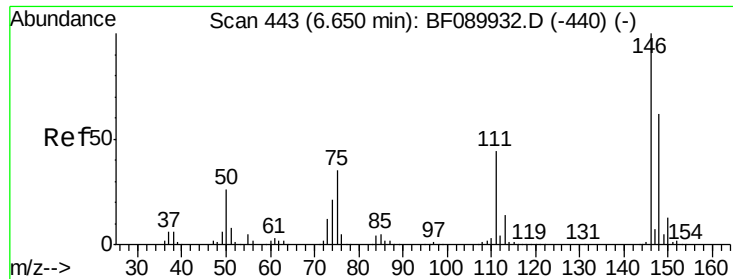


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

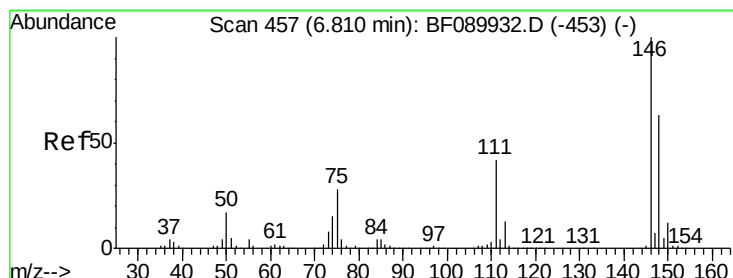
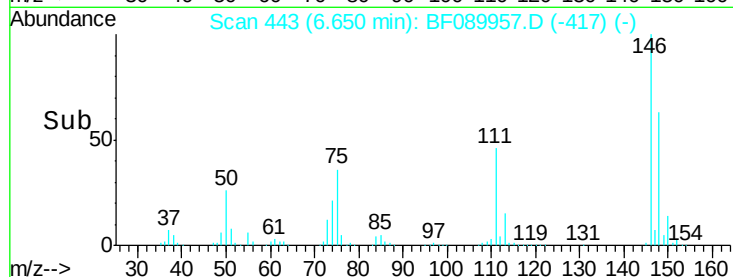
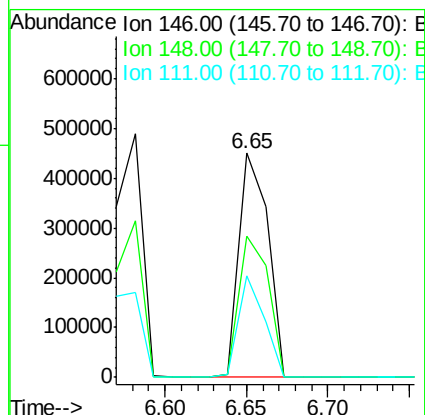
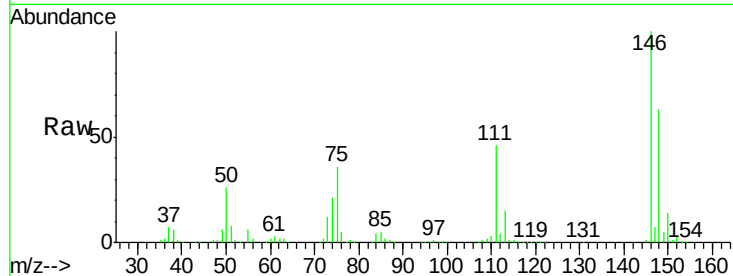




#13
 1,4-Dichlorobenzene
 Concen: 36.44 ng
 RT: 6.65 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

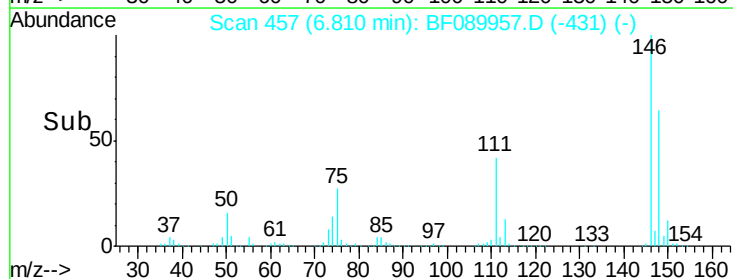
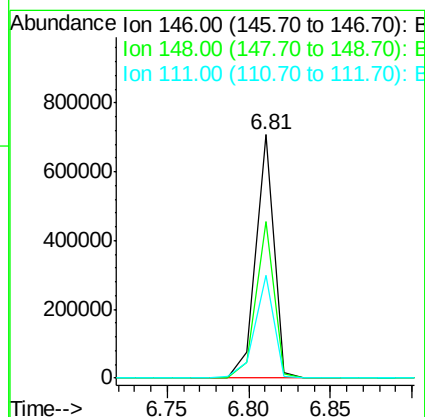
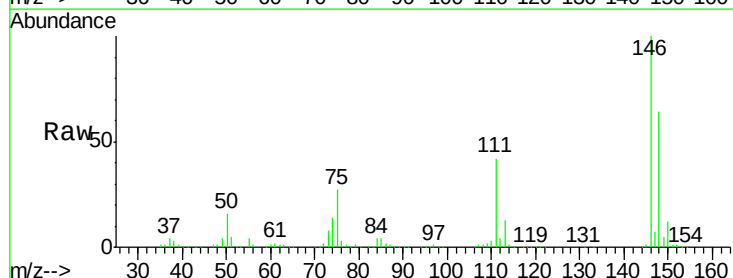
Instrument :
 BNA_F
 ClientSampled :

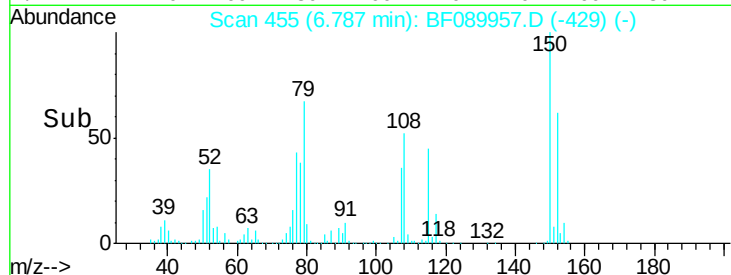
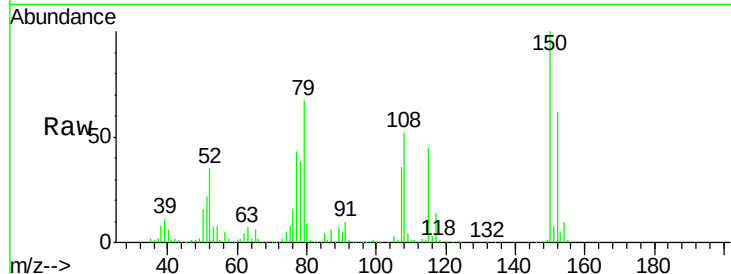
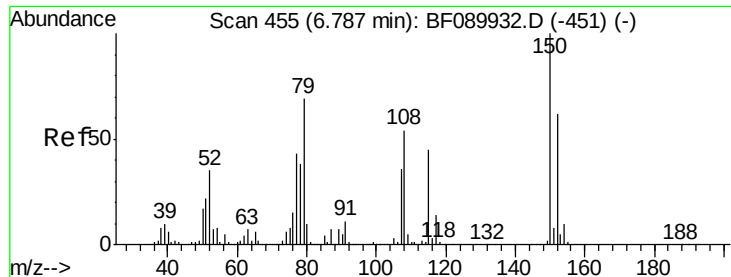
Tot Ion:146 Resp: 549579
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.1 75.1
 111 45.6 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 40.64 ng
 RT: 6.81 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

Tgt Ion:146 Resp: 549470
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.4 77.2
 111 42.0 34.6 51.8





#15

Benzyl Alcohol

Concen: 39.70 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

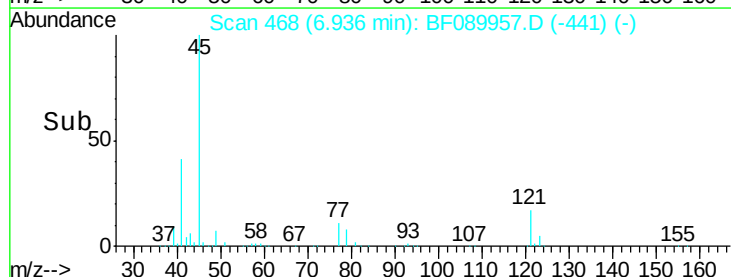
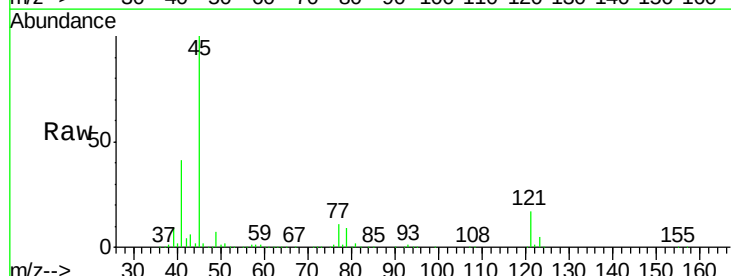
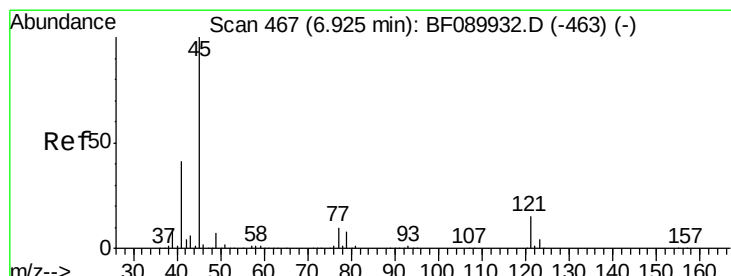
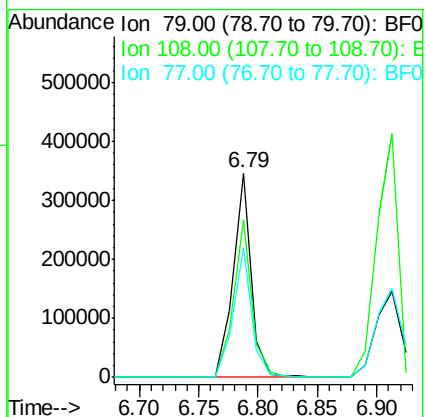
Tot Ion: 79 Resp: 367584

Ion Ratio Lower Upper

79 100

108 77.4 62.1 93.1

77 63.4 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.46 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.01 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

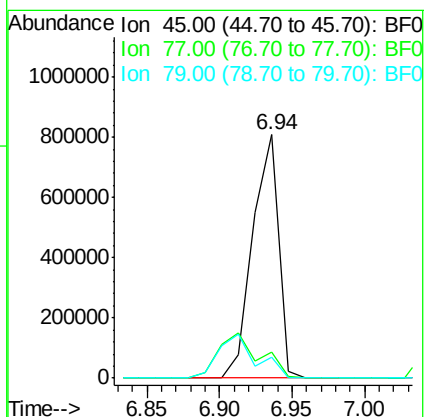
Tgt Ion: 45 Resp: 1003365

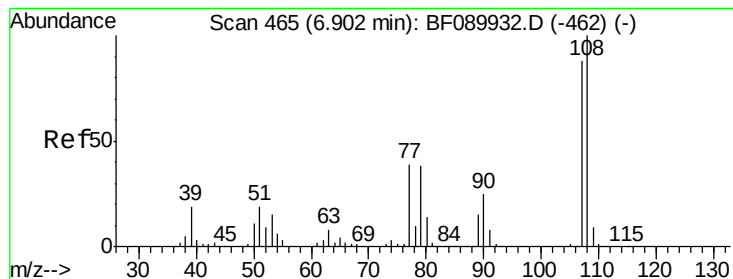
Ion Ratio Lower Upper

45 100

77 10.8 0.0 30.3

79 8.7 0.0 27.5

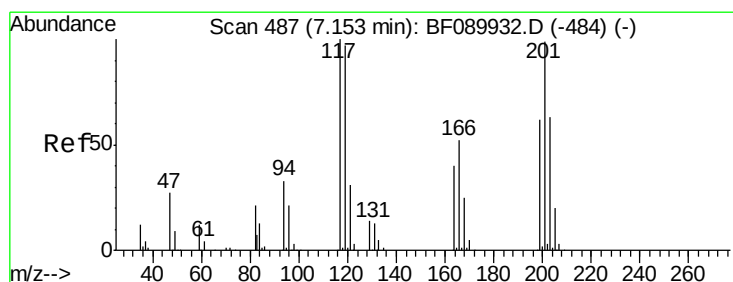
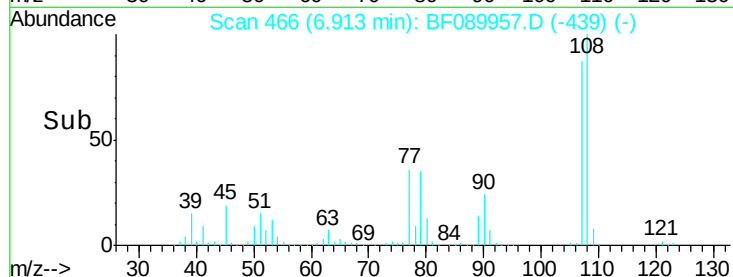
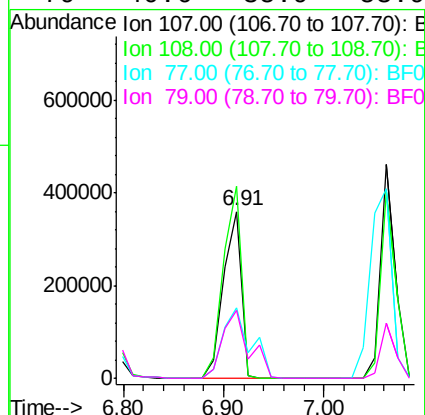
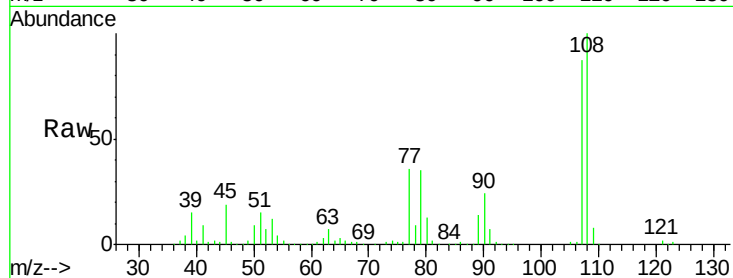




#17
2-Methylphenol
Concen: 42.13 ng
RT: 6.91 min Scan# 466
Delta R.T. 0.01 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

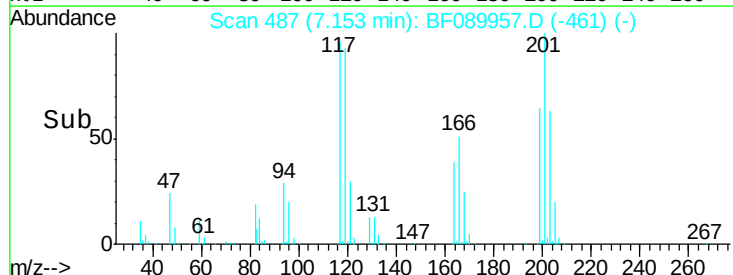
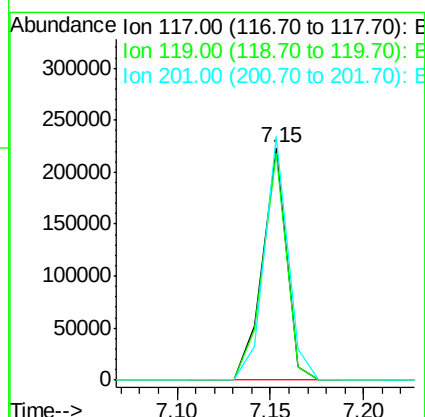
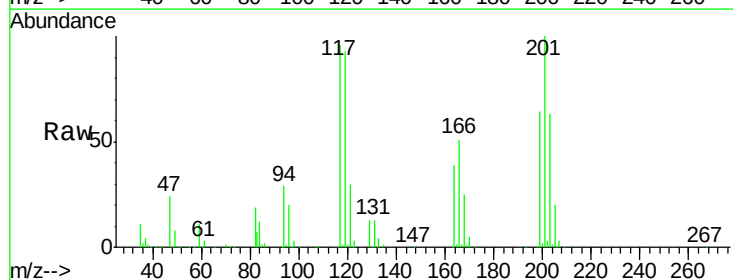
Instrument :
BNA_F
ClientSampleId :

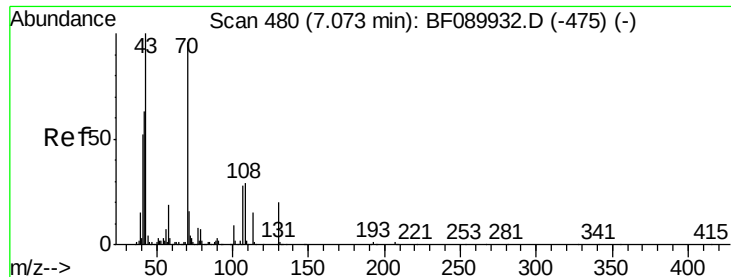
Tot Ion:107 Resp: 444077
Ion Ratio Lower Upper
107 100
108 115.0 91.8 137.6
77 42.0 36.0 54.0
79 40.6 35.9 53.9



#18
Hexachloroethane
Concen: 38.41 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

Tgt Ion:117 Resp: 198431
Ion Ratio Lower Upper
117 100
119 97.8 76.2 114.2
201 104.6 80.2 120.2

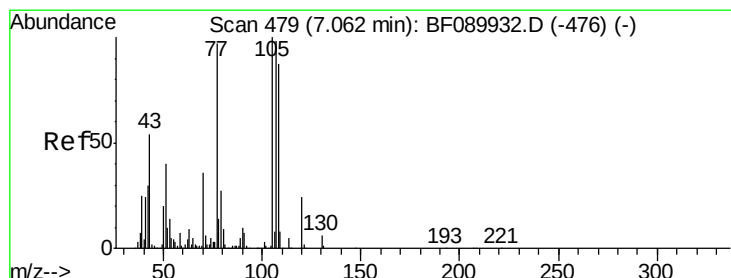
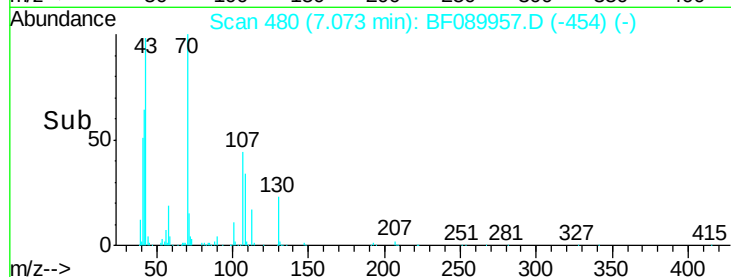
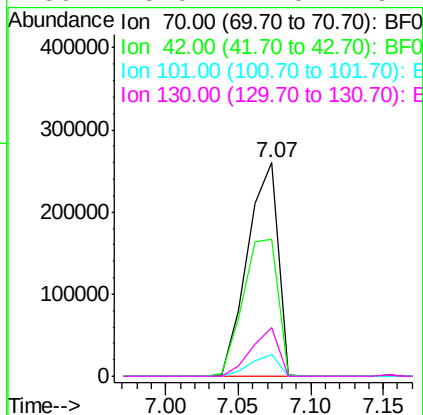
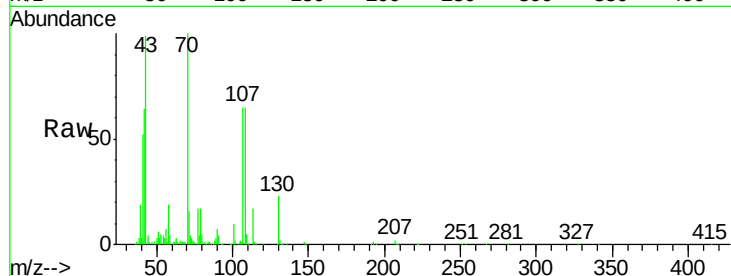




#19
n-Nitroso-di-n-propylamine
Concen: 39.42 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

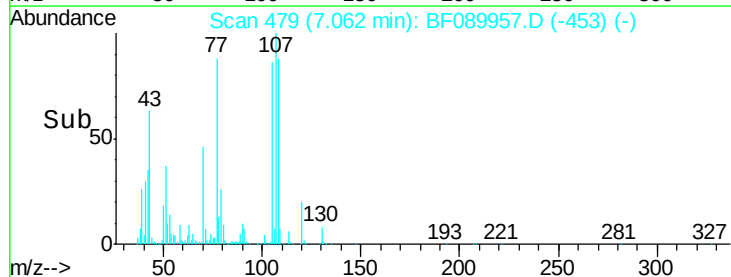
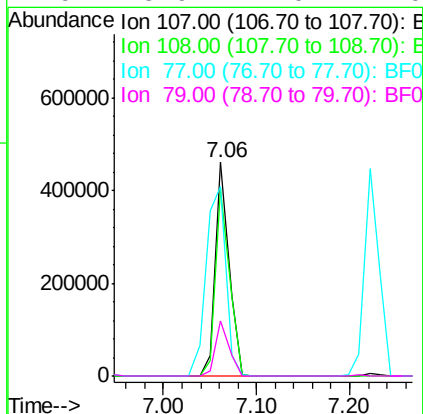
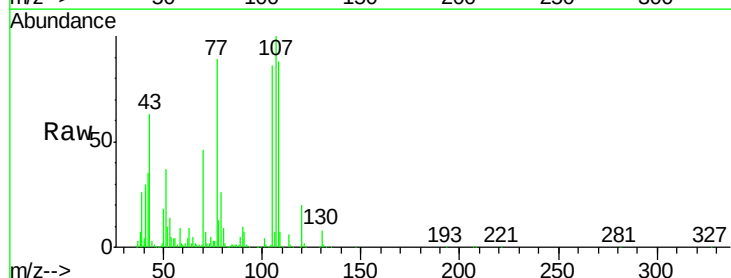
Instrument :
BNA_F
ClientSampleId :

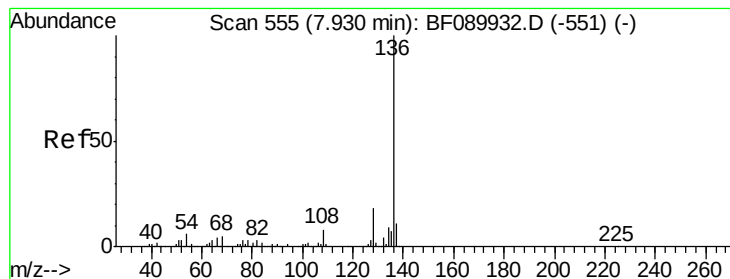
Tot Ion: 70 Resp: 379673
Ion Ratio Lower Upper
70 100
42 64.2 52.1 78.1
101 10.5 7.4 11.2
130 23.0 17.0 25.4



#20
3+4-Methylphenols
Concen: 36.70 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

Tgt Ion: 107 Resp: 468909
Ion Ratio Lower Upper
107 100
108 87.6 70.2 110.2
77 88.6 75.7 115.7
79 25.9 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: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 727569

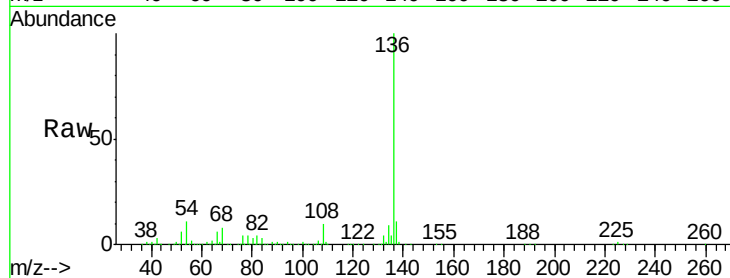
Ion Ratio Lower Upper

136 100

137 11.4 8.3 12.5

54 11.5 4.8 7.2#

68 8.0 3.7 5.5#

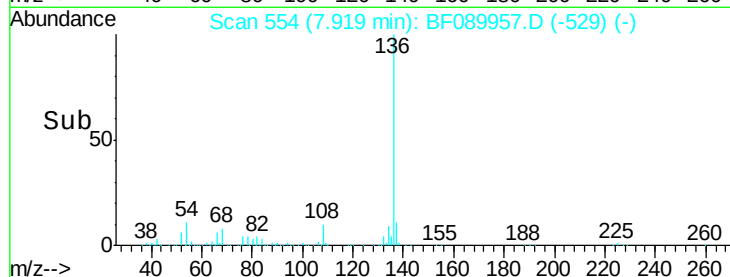


Abundance Ion 136.00 (135.70 to 136.70): E

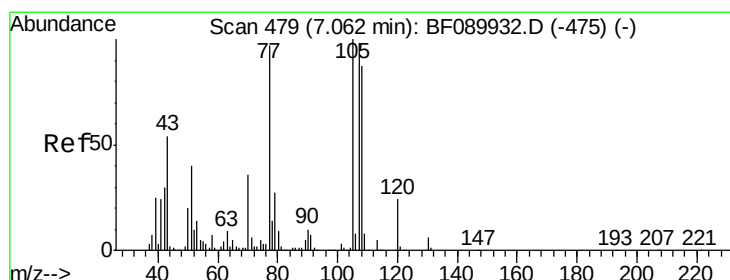
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 38.79 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Tgt Ion:105 Resp: 633194

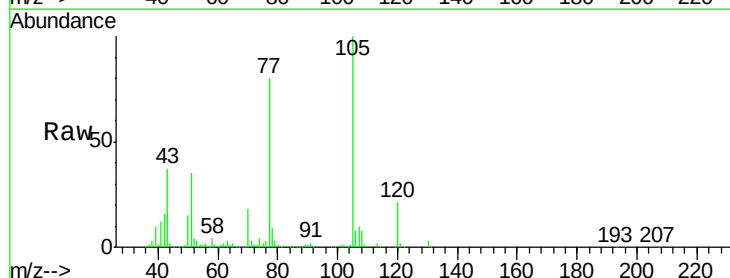
Ion Ratio Lower Upper

105 100

71 3.1 5.3 7.9#

51 34.9 32.6 48.8

120 21.1 18.6 28.0

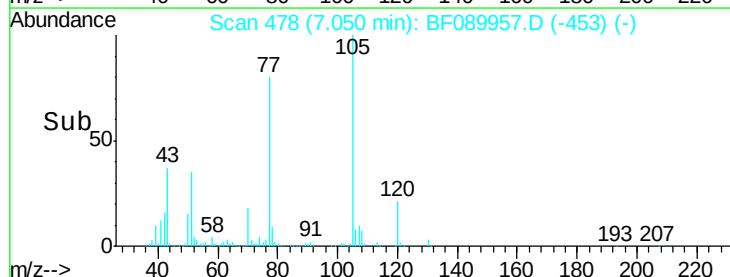


Abundance Ion 105.00 (104.70 to 105.70): E

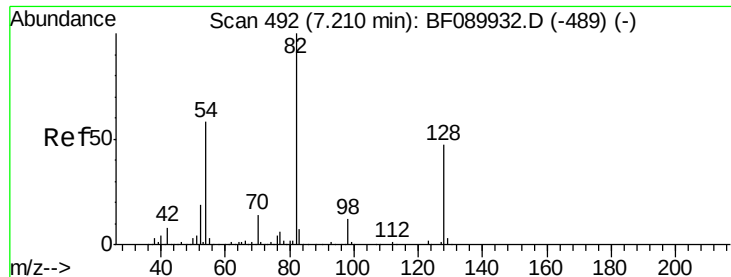
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



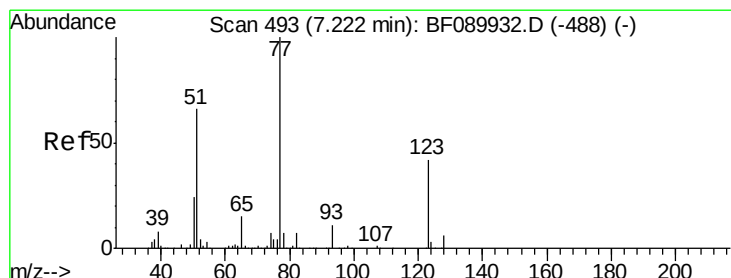
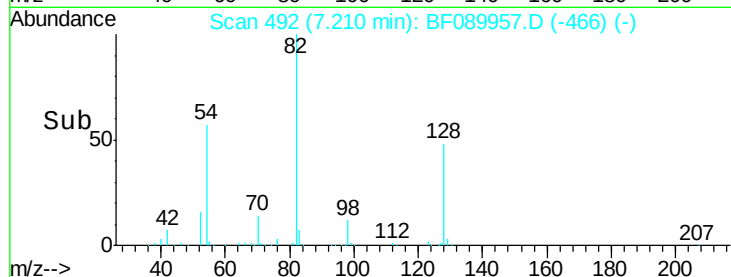
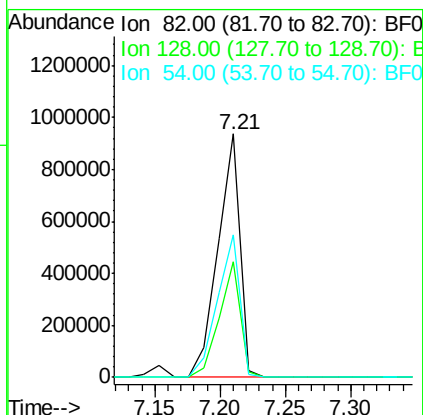
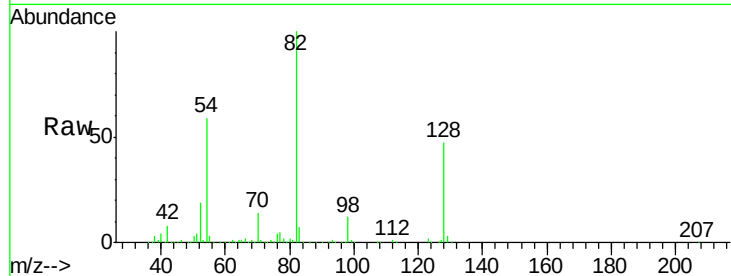
Time-->



#23
 Nitrobenzene-d5
 Concen: 88.07 ng
 RT: 7.21 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

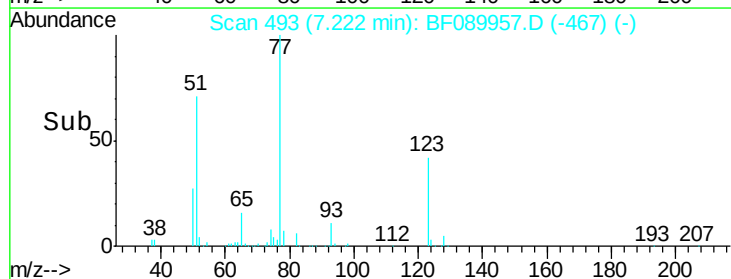
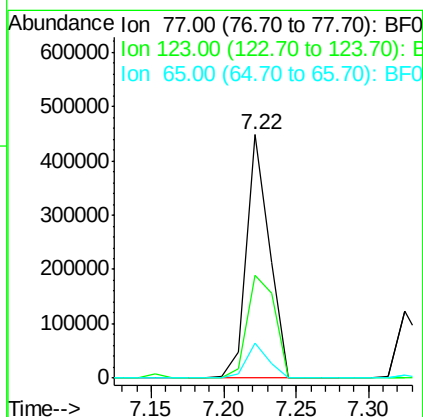
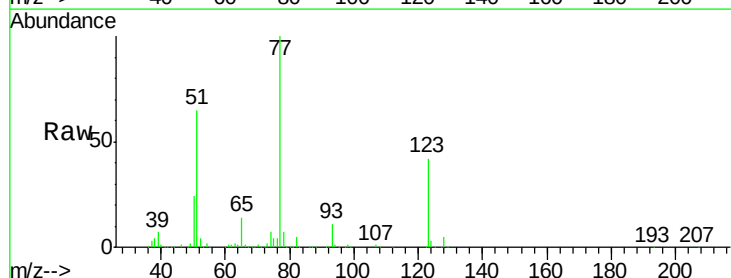
Instrument :
 BNA_F
 ClientSampleId :

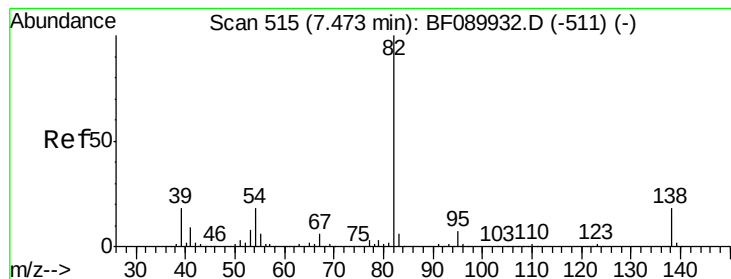
Tot Ion: 82 Resp: 1104921
 Ion Ratio Lower Upper
 82 100
 128 47.4 37.8 56.8
 54 58.5 46.9 70.3



#24
 Nitrobenzene
 Concen: 36.79 ng
 RT: 7.22 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

Tgt Ion: 77 Resp: 490668
 Ion Ratio Lower Upper
 77 100
 123 42.5 32.0 48.0
 65 14.4 11.2 16.8





#25

Isophorone

Concen: 40.30 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampled :

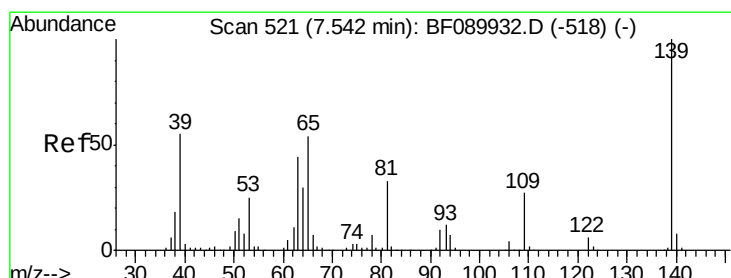
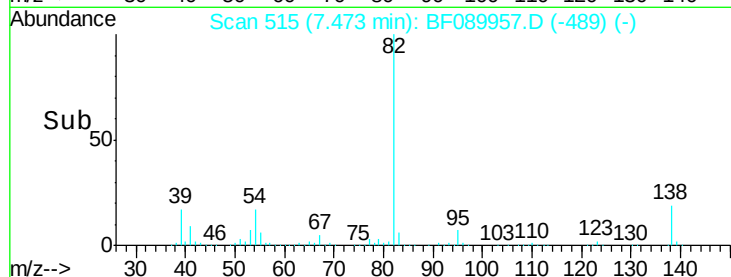
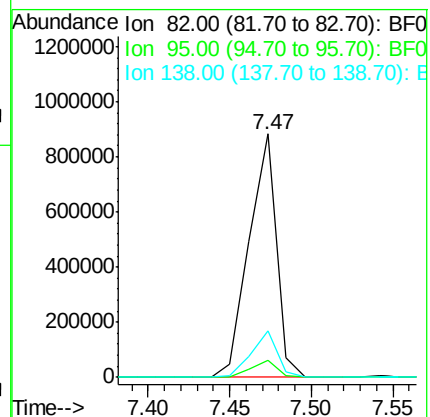
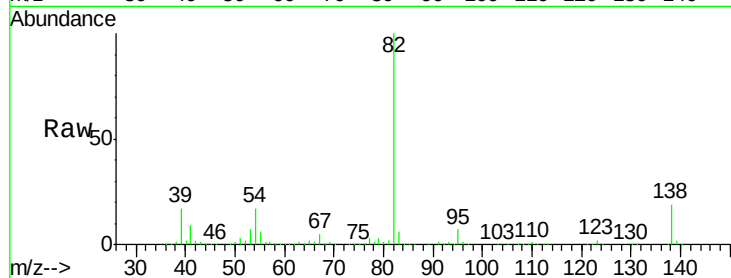
Tot Ion: 82 Resp: 1028222

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

138 19.2 14.4 21.6



#26

2-Nitrophenol

Concen: 42.31 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

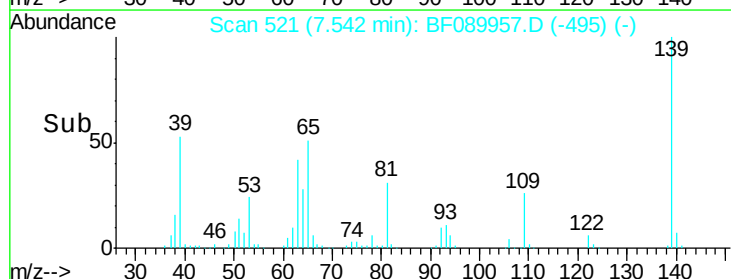
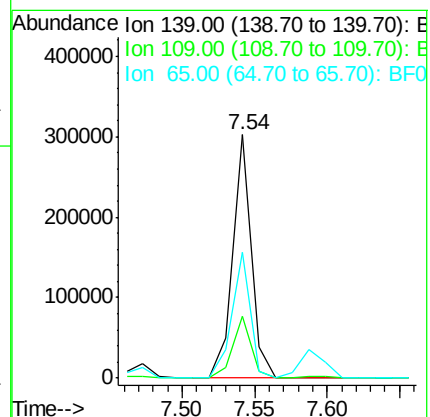
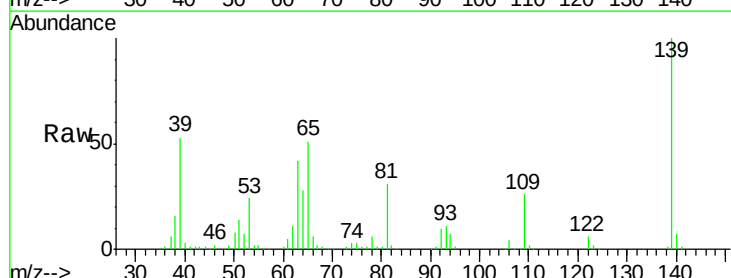
Tgt Ion: 139 Resp: 269759

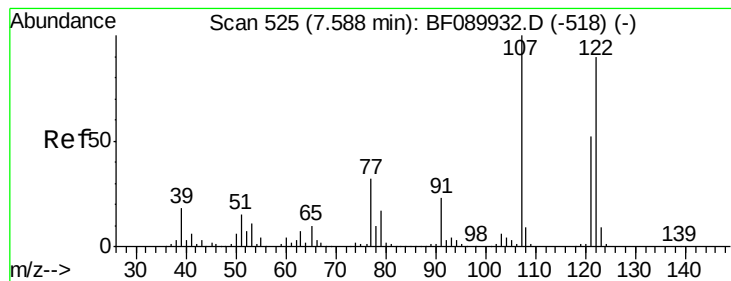
Ion Ratio Lower Upper

139 100

109 25.6 21.0 31.4

65 51.5 43.4 65.0

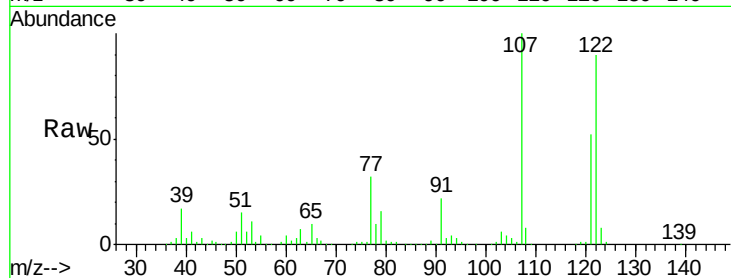




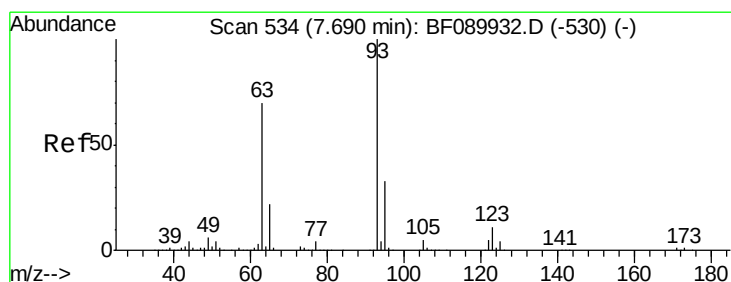
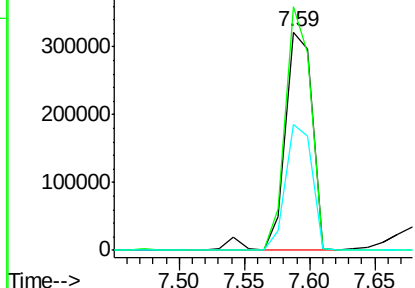
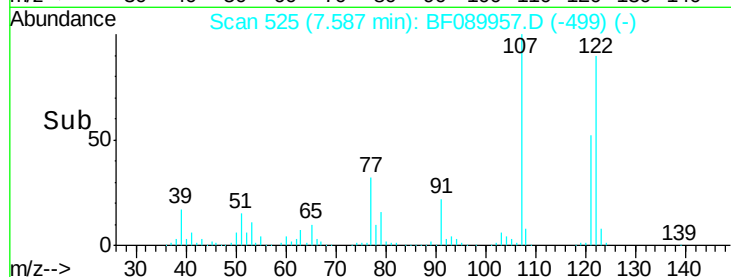
#27
 2,4-Dimethylphenol
 Concen: 40.58 ng
 RT: 7.59 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 478618
 Ion Ratio Lower Upper
 122 100
 107 111.4 88.5 132.7
 121 57.5 46.0 69.0

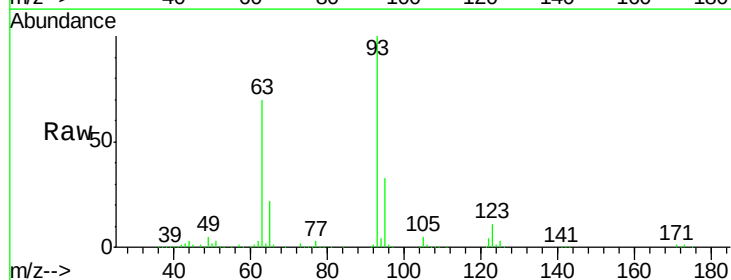


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

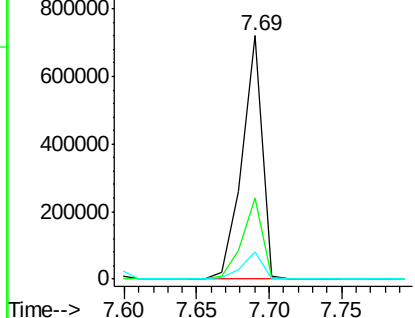
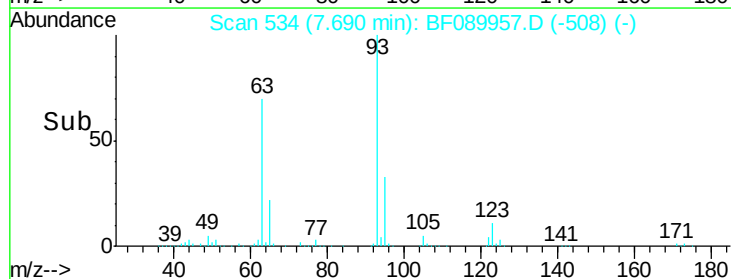


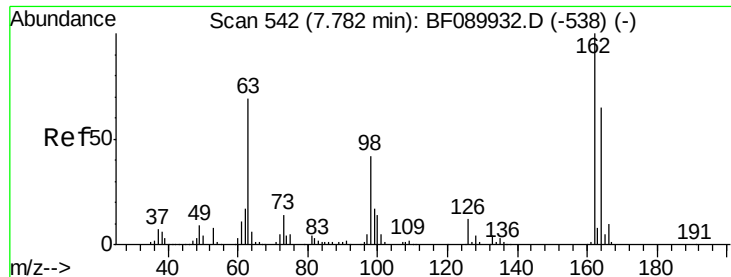
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.12 ng
 RT: 7.69 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

Tgt Ion: 93 Resp: 694224
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.6 40.0
 123 11.4 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

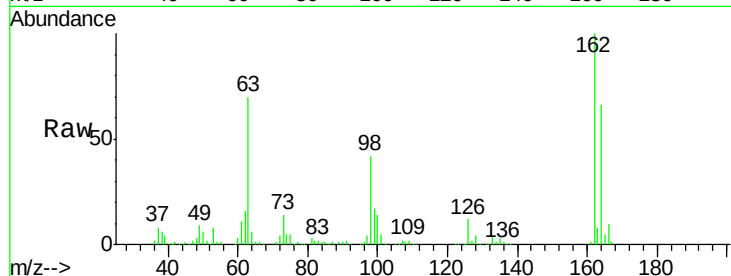




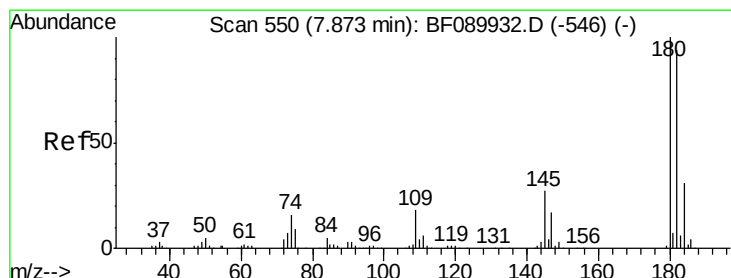
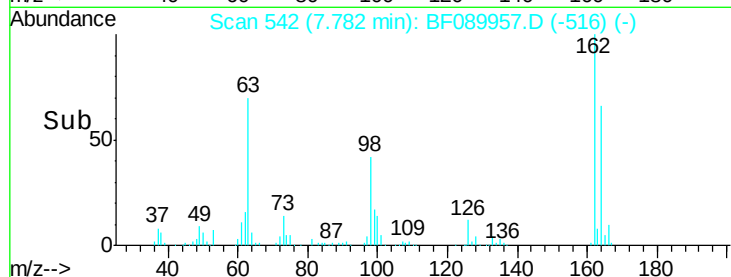
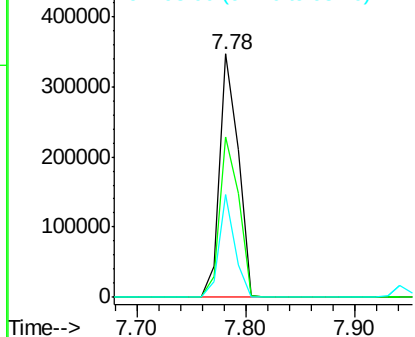
#29
 2,4-Dichlorophenol
 Concen: 39.41 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	46.6	86.6
98	42.0	22.0	62.0

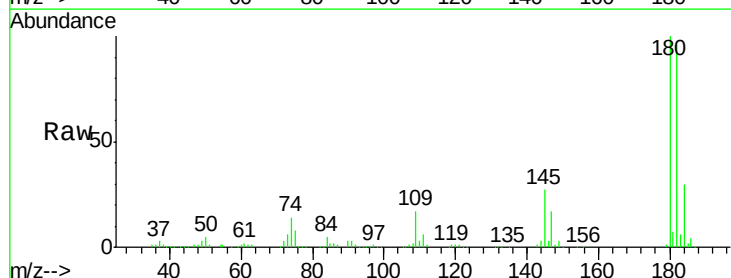


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

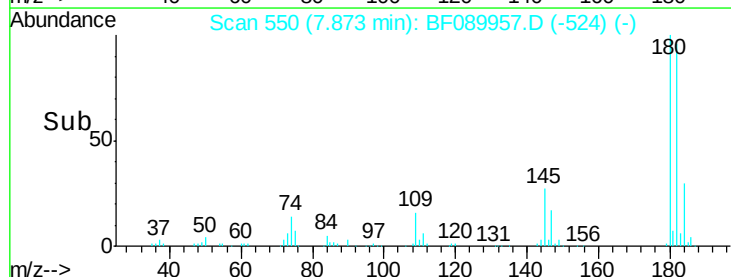
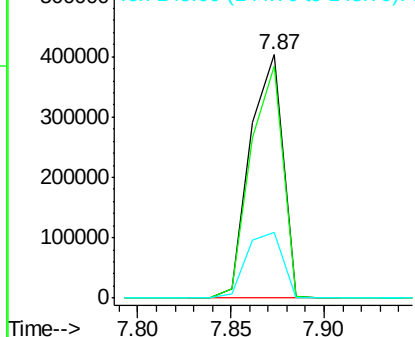


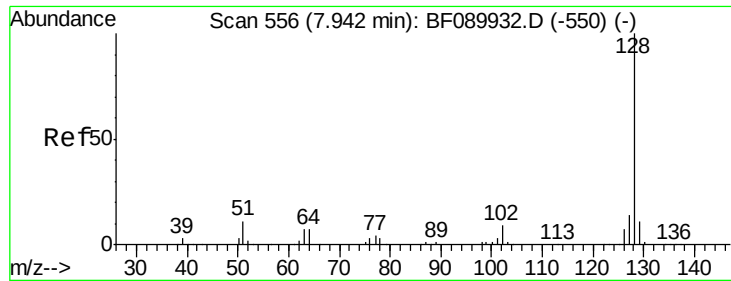
#30
 1,2,4-Trichlorobenzene
 Concen: 42.35 ng
 RT: 7.87 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.2	114.2
145	26.8	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: 37.80 ng

RT: 7.94 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

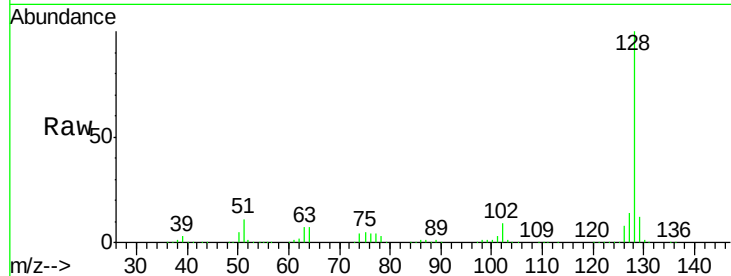
Tot Ion:128 Resp: 1369961

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.0

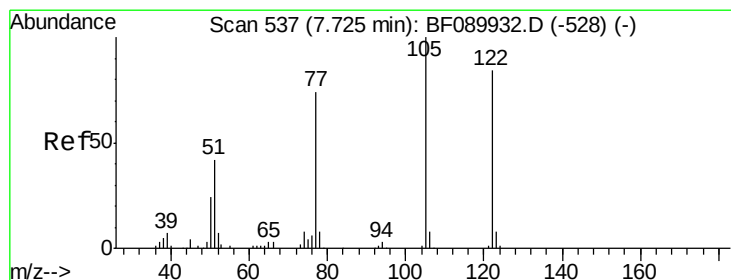
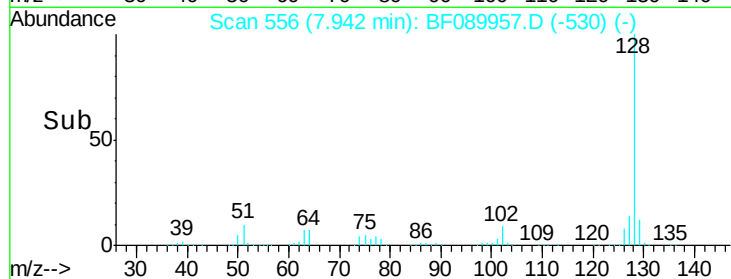
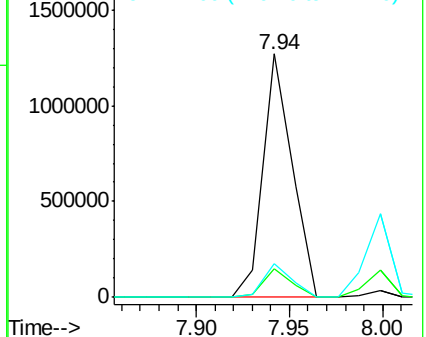
127 13.8 10.7 16.1



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: 11.41 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.05 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

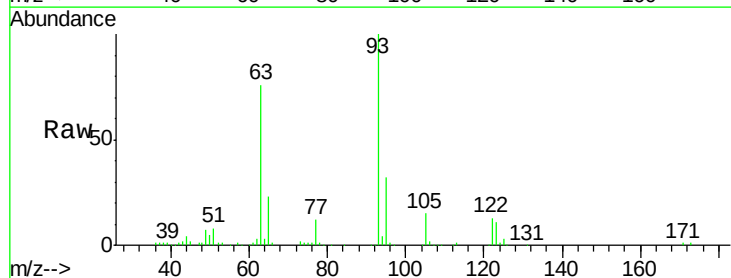
Tgt Ion:122 Resp: 90609

Ion Ratio Lower Upper

122 100

105 111.1 102.2 142.2

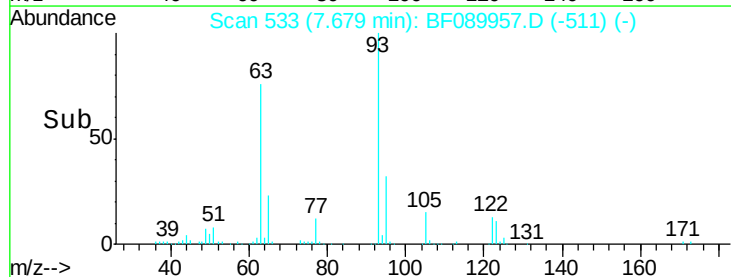
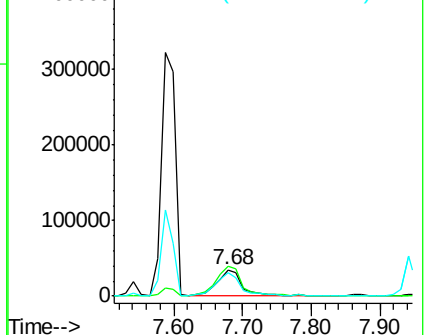
77 88.1 74.1 114.1

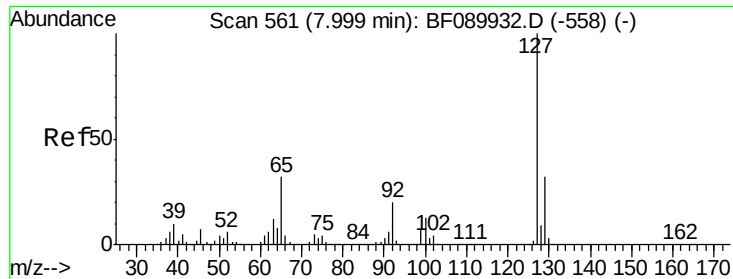


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

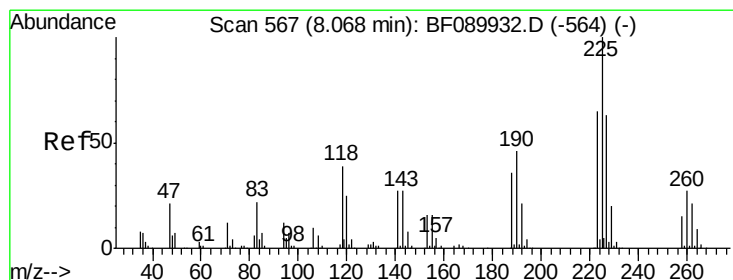
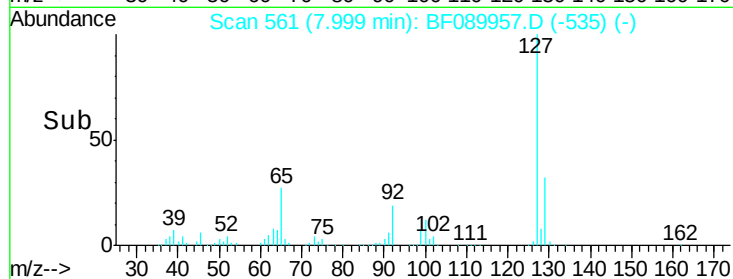
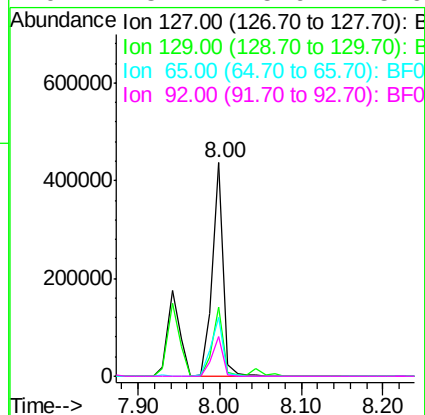
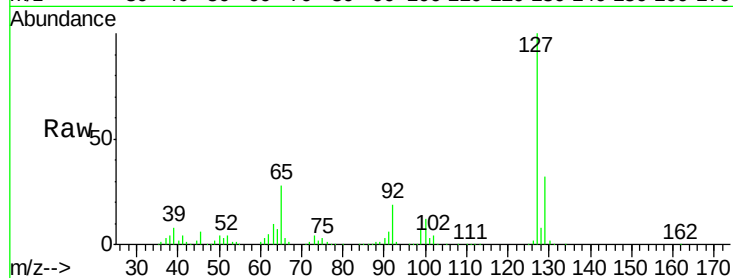




#33
4-Chloroaniline
Concen: 28.45 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

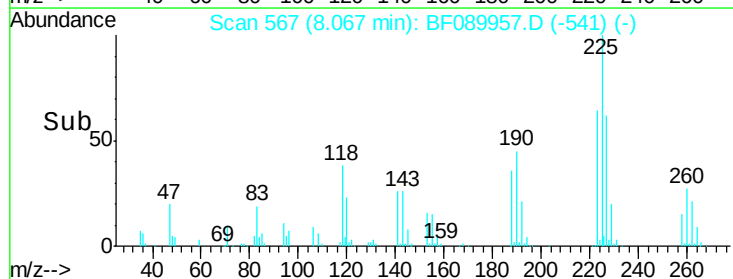
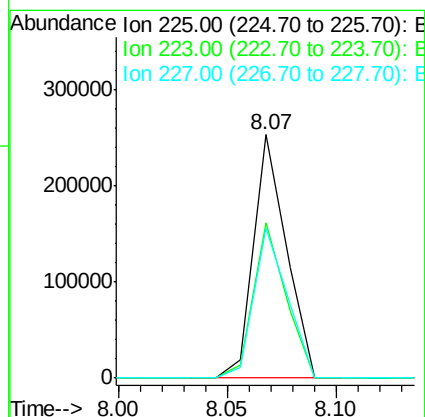
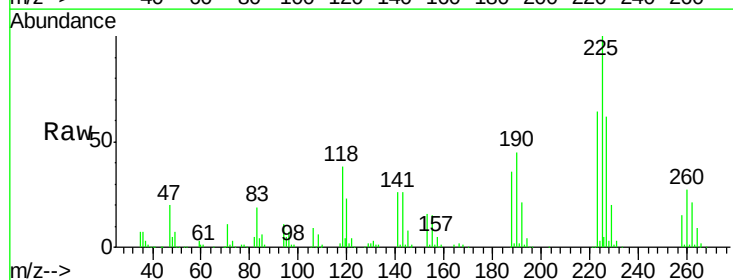
Instrument :
BNA_F
ClientSampleId :

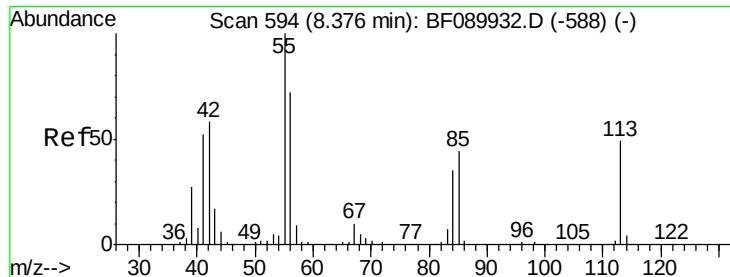
Tot Ion:	127	Resp:	416016
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	27.7	26.0	39.0
92	18.7	15.9	23.9



#34
Hexachlorobutadiene
Concen: 39.27 ng
RT: 8.07 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

Tgt Ion:	225	Resp:	266017
Ion	Ratio	Lower	Upper
225	100		
223	63.6	52.6	78.8
227	61.6	50.8	76.2

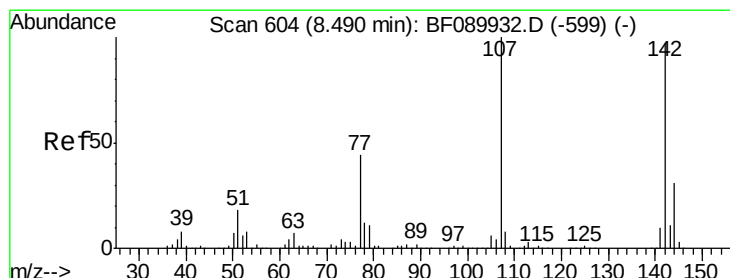
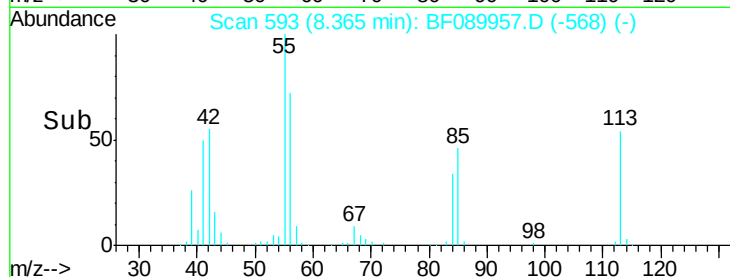
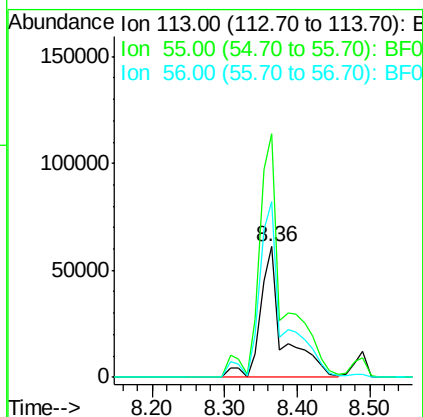
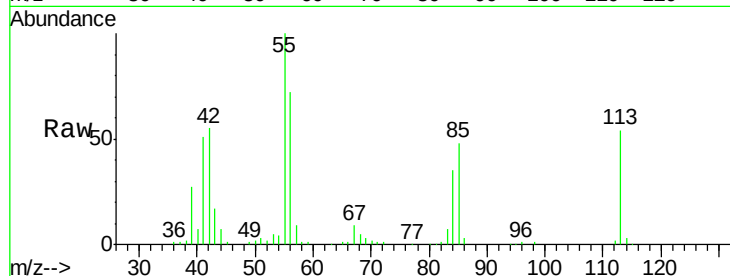




#35
Caprolactam
Concen: 41.21 ng
RT: 8.36 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

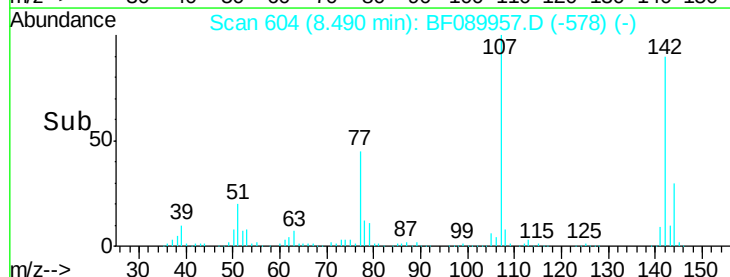
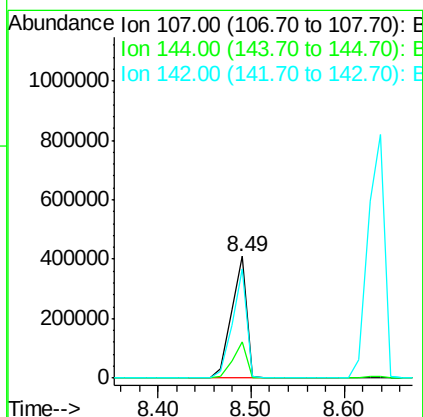
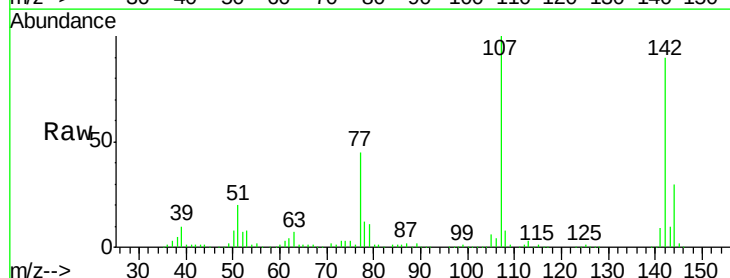
Instrument :
BNA_F
ClientSampleId :

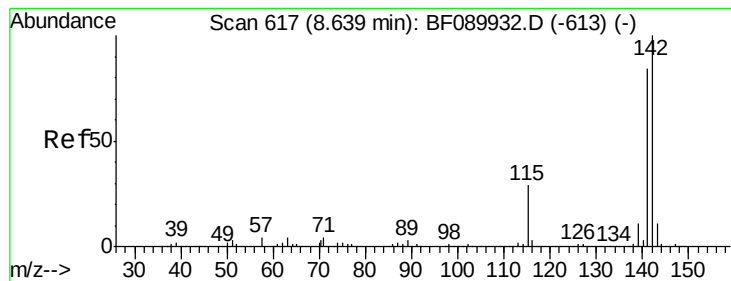
Tot Ion:113 Resp: 137518
Ion Ratio Lower Upper
113 100
55 186.0 178.5 218.5
56 134.8 122.7 162.7



#36
4-Chloro-3-methylphenol
Concen: 41.81 ng
RT: 8.49 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

Tgt Ion:107 Resp: 468135
Ion Ratio Lower Upper
107 100
144 29.5 25.8 38.8
142 89.9 79.2 118.8





#37

2-Methylnaphthalene

Concen: 42.40 ng

RT: 8.64 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

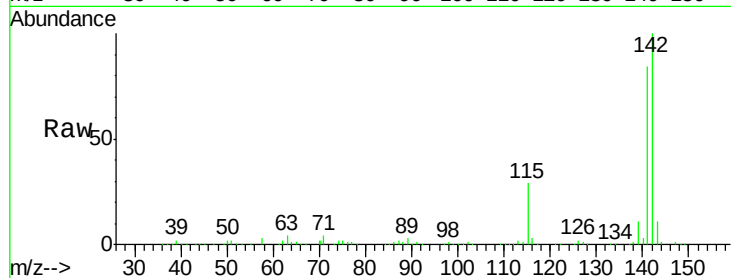
Tot Ion:142 Resp: 1015579

Ion Ratio Lower Upper

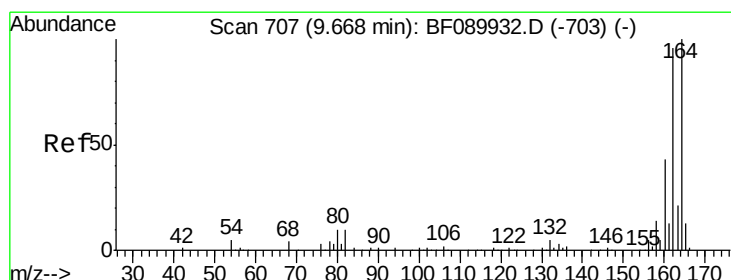
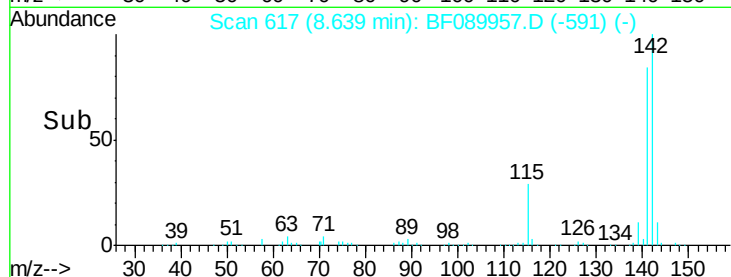
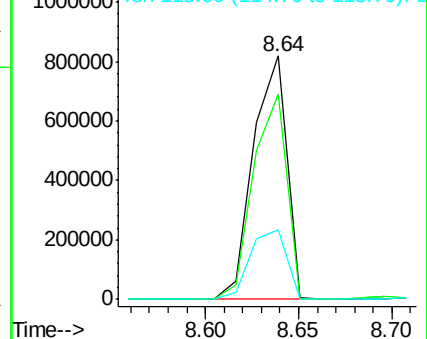
142 100

141 84.3 68.3 102.5

115 28.6 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: BF089957.D

Acq: 31 Aug 2016 18:24

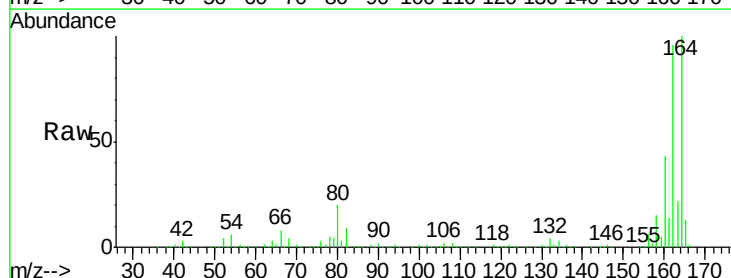
Tgt Ion:164 Resp: 349629

Ion Ratio Lower Upper

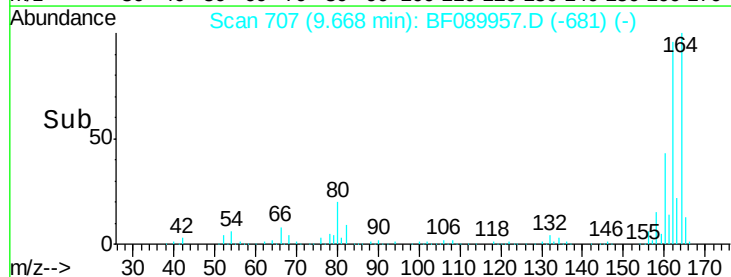
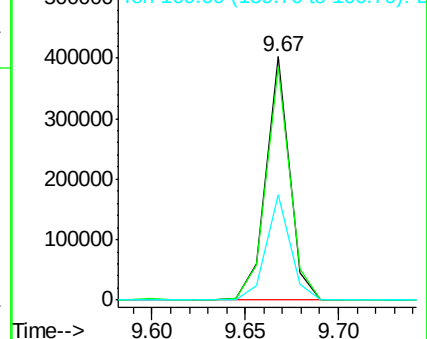
164 100

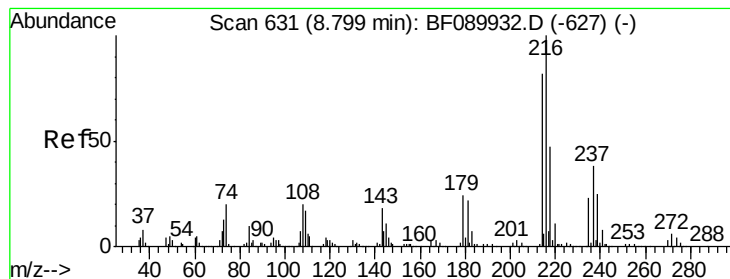
162 95.7 77.1 115.7

160 43.2 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: 35.11 ng

RT: 8.80 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 359637

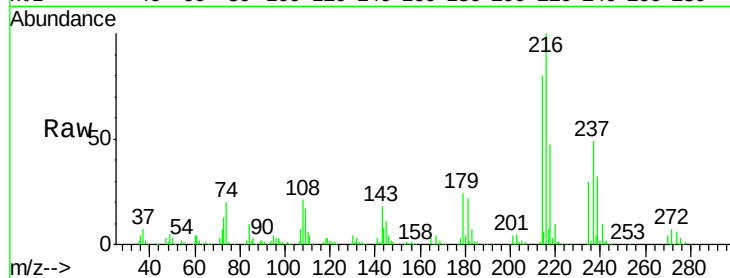
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.2

179 21.7 17.3 25.9

108 20.3 15.5 23.3

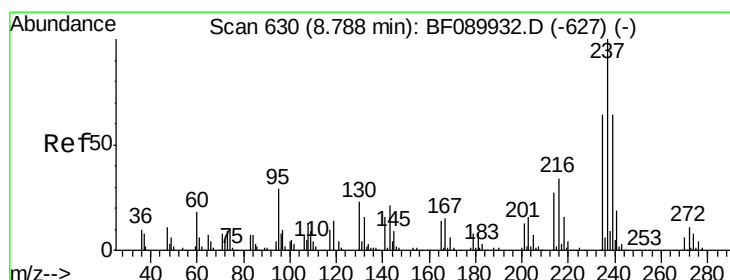
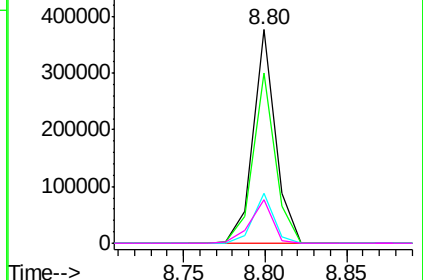
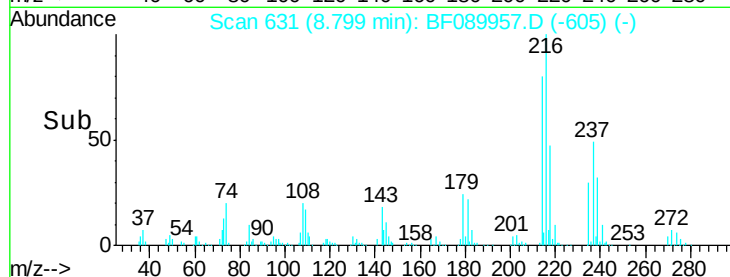


Abundance Ion 216.00 (215.70 to 216.70): E

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: 62.03 ng

RT: 8.79 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

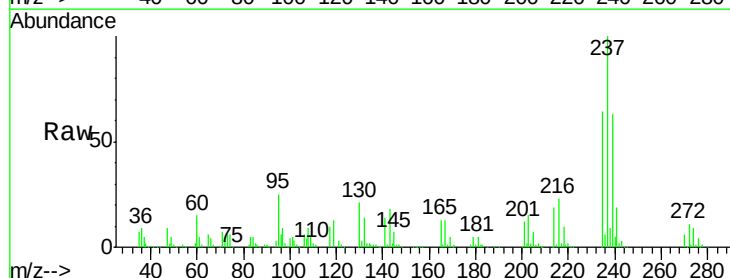
Tgt Ion:237 Resp: 325755

Ion Ratio Lower Upper

237 100

235 63.7 39.6 79.6

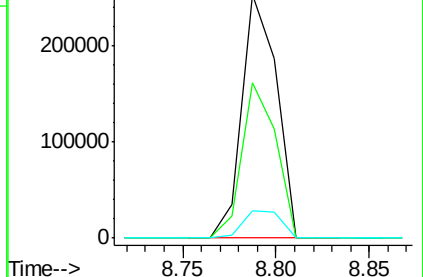
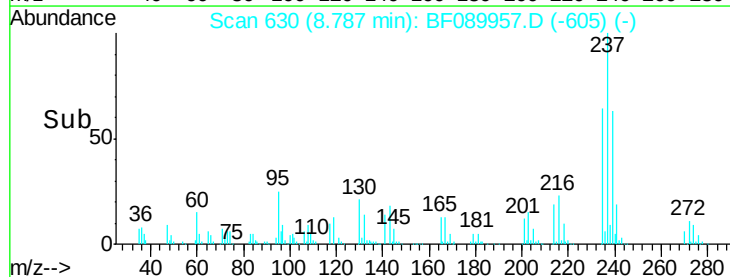
272 11.2 0.0 34.6

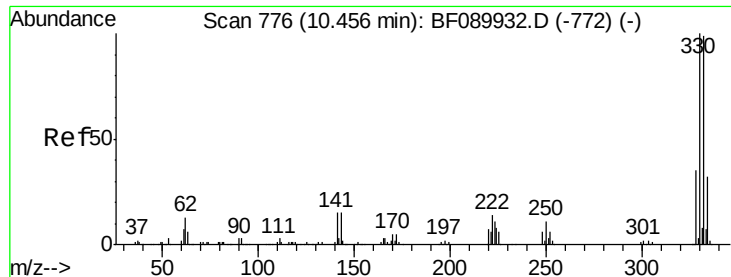


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

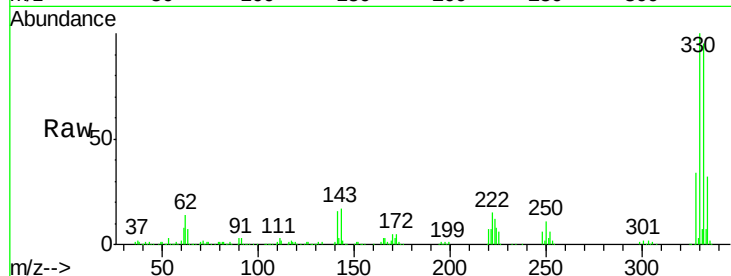




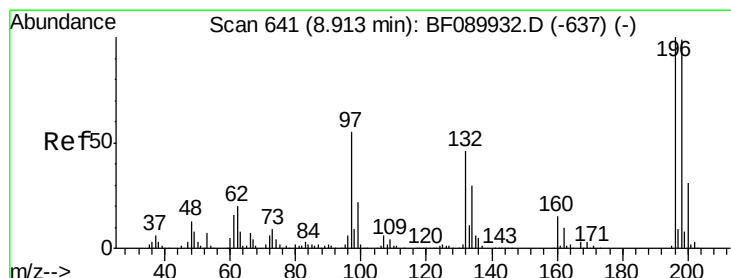
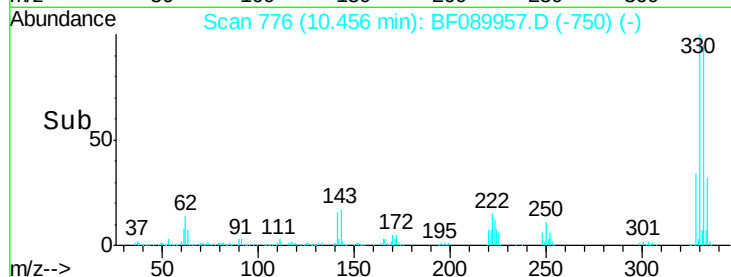
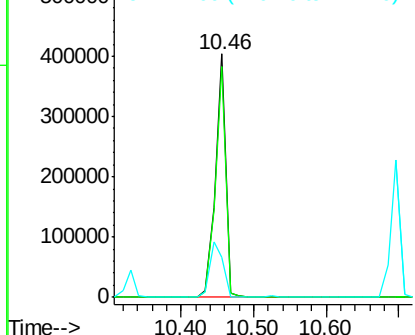
#41
 2,4,6-Tribromophenol
 Concen: 115.19 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 397344
 Ion Ratio Lower Upper
 330 100
 332 95.1 78.6 117.8
 141 29.5 23.3 34.9

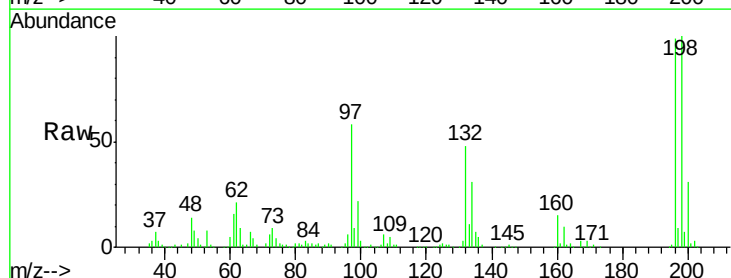


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

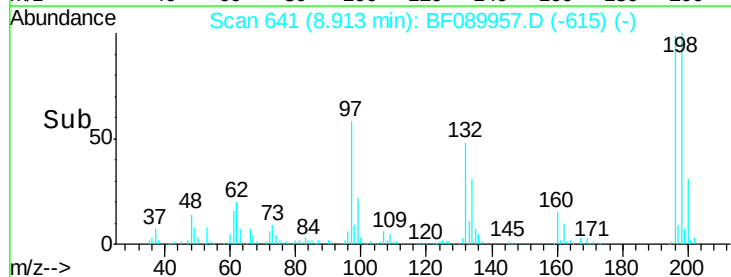
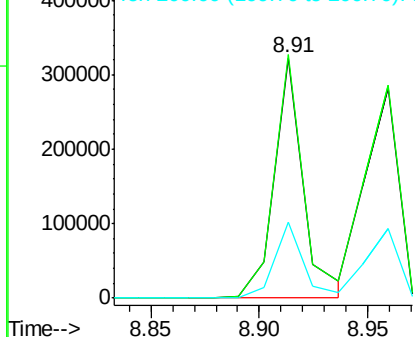


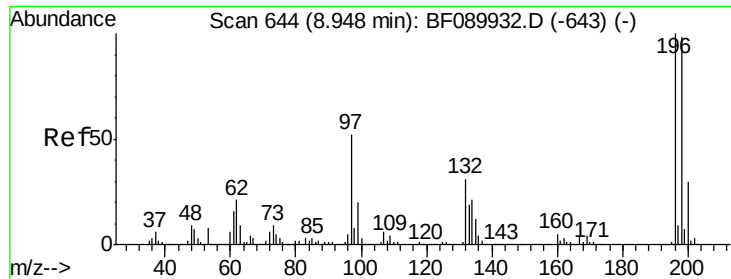
#42
 2,4,6-Trichlorophenol
 Concen: 42.69 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

Tgt Ion:196 Resp: 303030
 Ion Ratio Lower Upper
 196 100
 198 101.5 78.3 117.5
 200 31.6 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

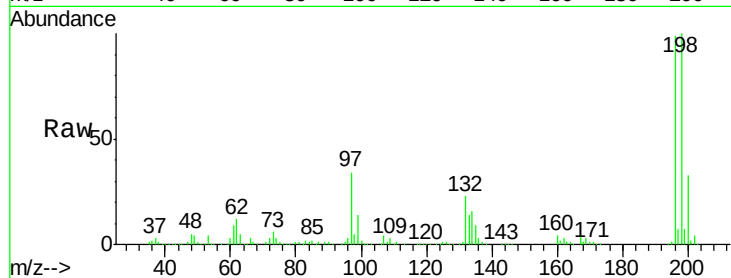




#43
 2,4,5-Trichlorophenol
 Concen: 44.55 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	101.3	80.8	121.2	
97	34.8	44.2	66.4	#
132	23.4	25.8	38.6	#



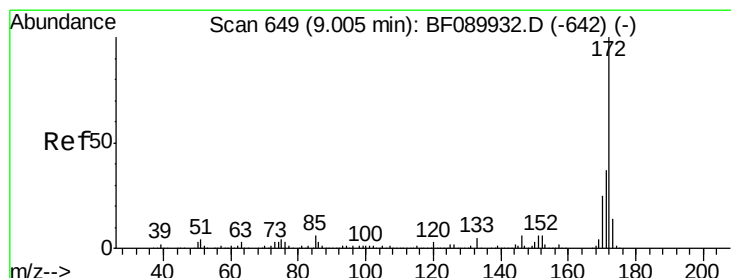
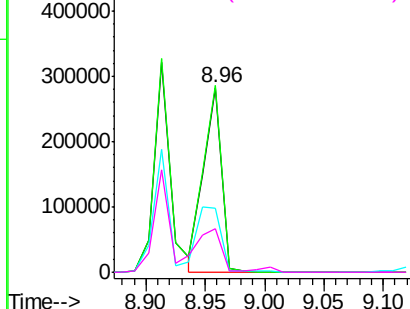
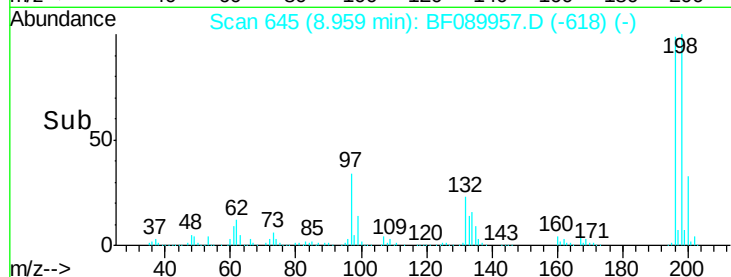
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

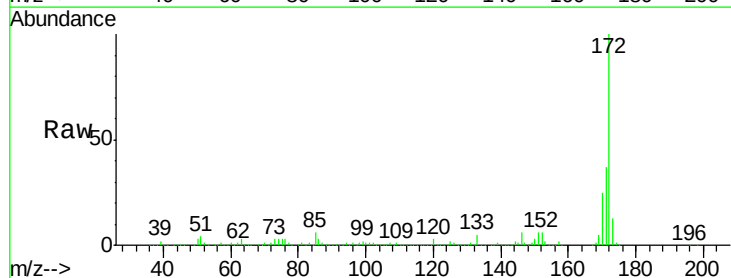
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.66 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.9	29.4	44.2	
170	25.2	20.1	30.1	

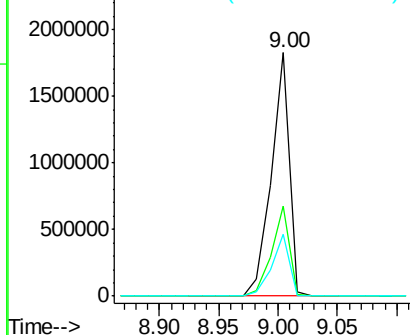
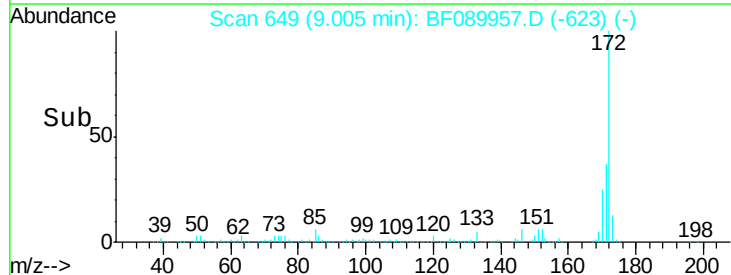


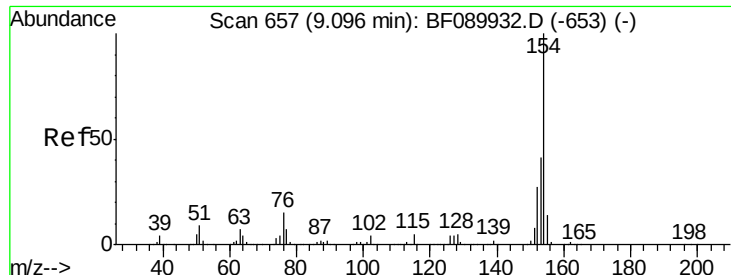
Abundance

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

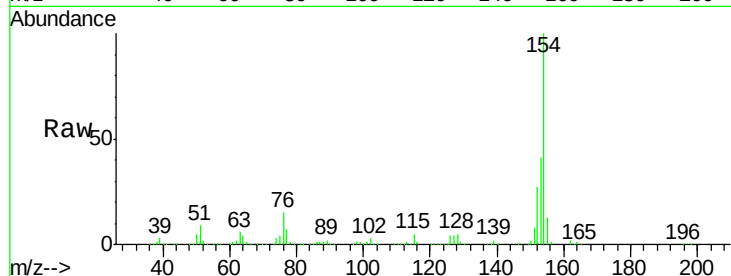




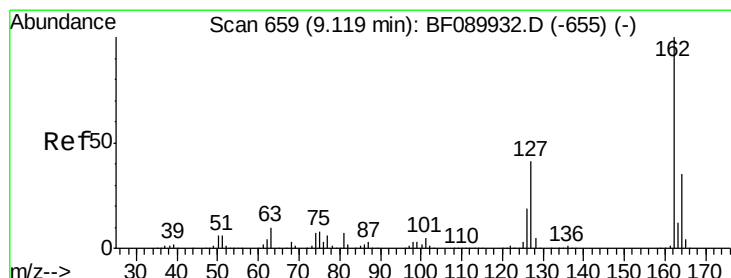
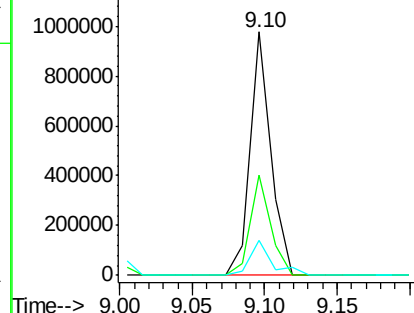
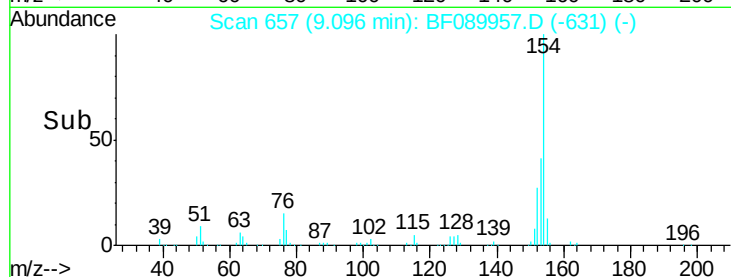
#45
 1,1'-Biphenyl
 Concen: 34.18 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.6	60.6
76	14.6	0.0	34.9

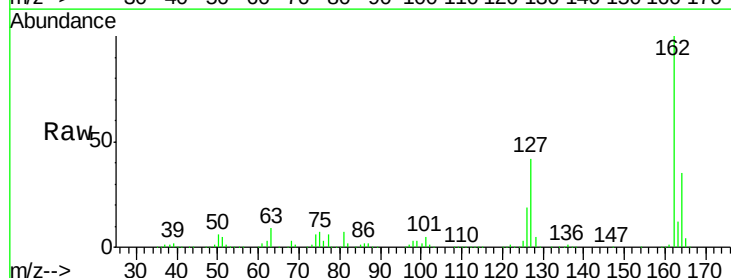


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

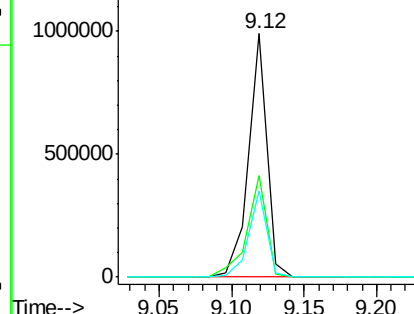
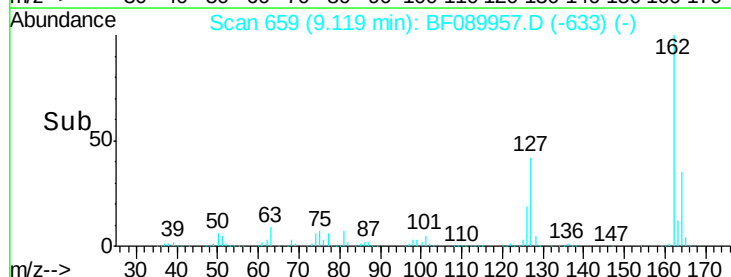


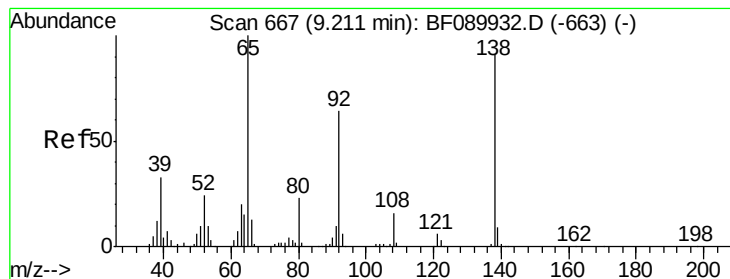
#46
 2-Chloronaphthalene
 Concen: 43.60 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.5	50.3
164	35.4	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: 40.44 ng

RT: 9.21 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

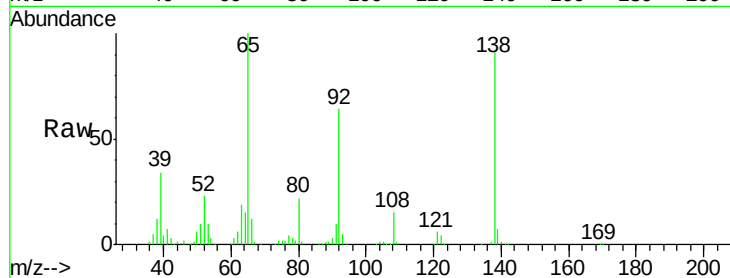
Tot Ion: 65 Resp: 263261

Ion Ratio Lower Upper

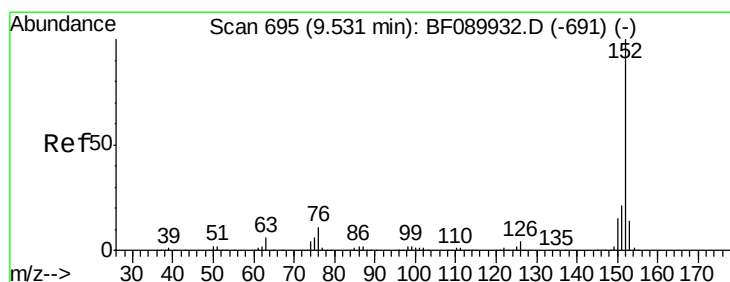
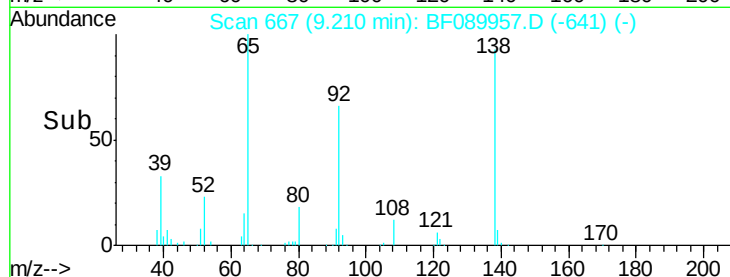
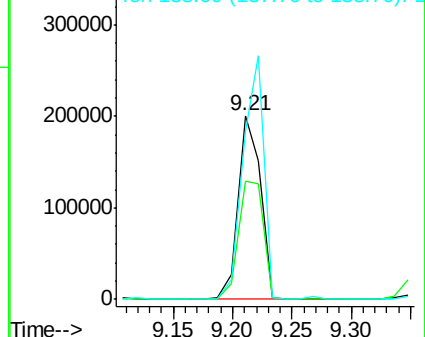
65 100

92 64.4 52.0 78.0

138 91.3 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: 39.93 ng

RT: 9.53 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

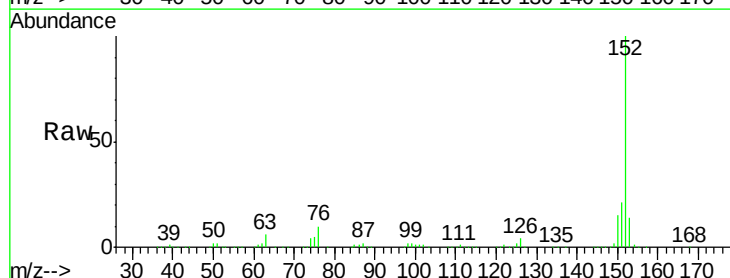
Tgt Ion: 152 Resp: 1314671

Ion Ratio Lower Upper

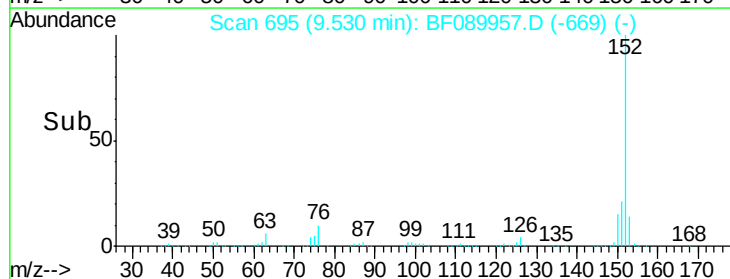
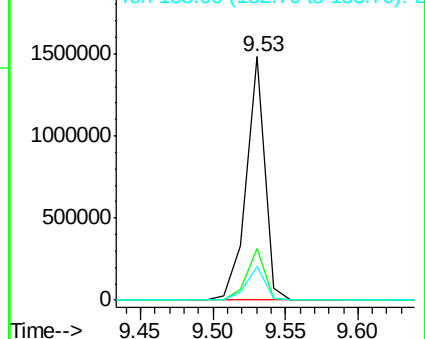
152 100

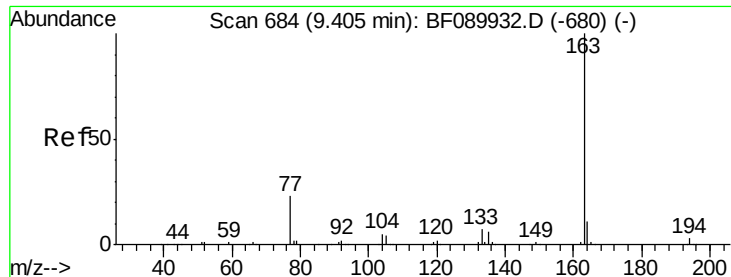
151 21.1 16.7 25.1

153 14.0 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: 51.58 ng

RT: 9.40 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampled :

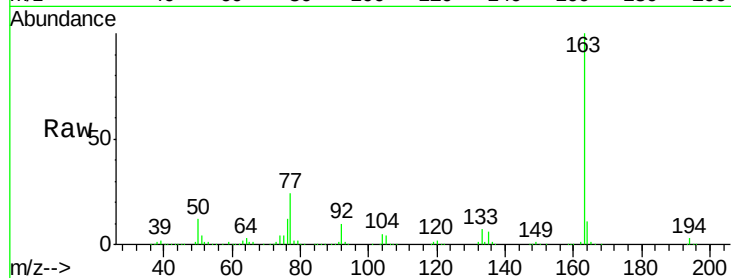
Tot Ion:163 Resp: 1303351

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

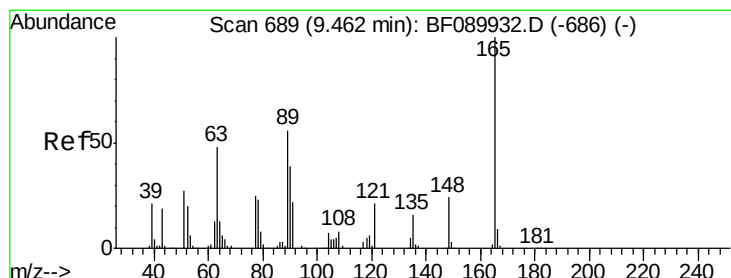
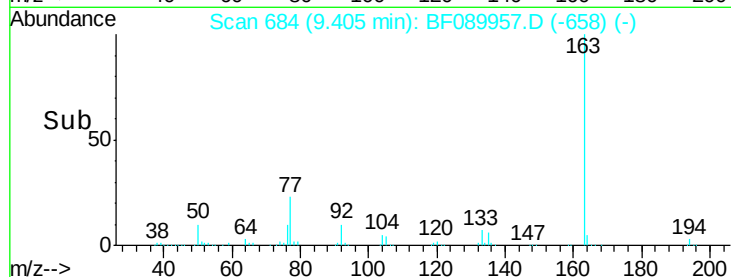
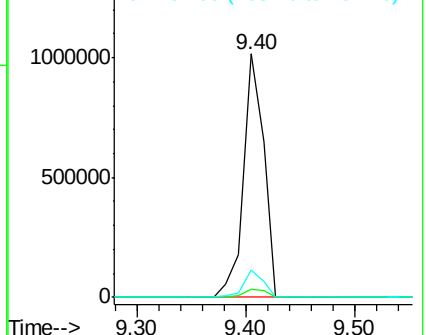
164 11.3 9.0 13.4



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: 40.79 ng

RT: 9.46 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

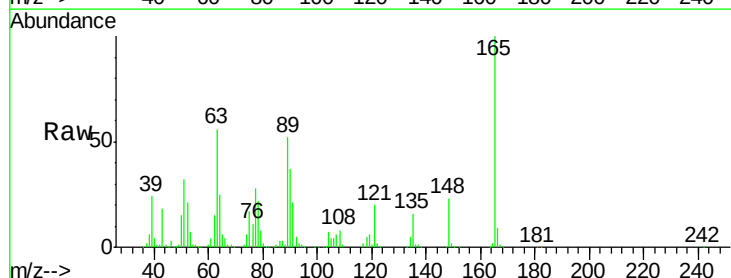
Tgt Ion:165 Resp: 229281

Ion Ratio Lower Upper

165 100

63 56.4 45.0 67.4

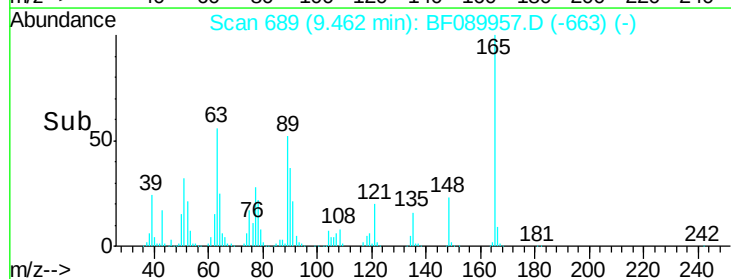
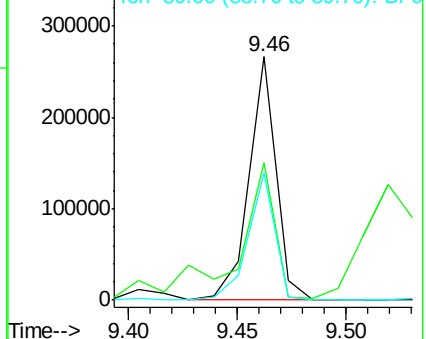
89 52.0 41.5 62.3

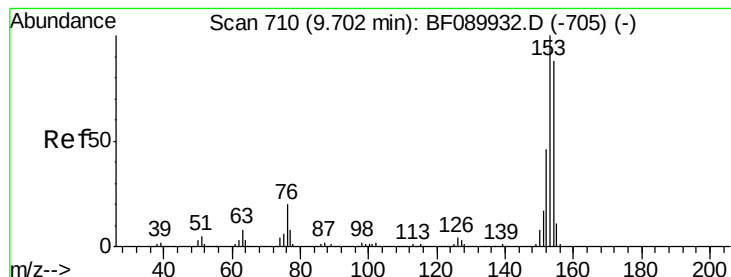


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.68 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

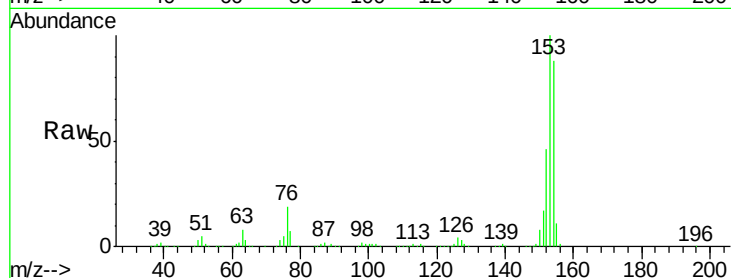
Tot Ion:154 Resp: 848687

Ion Ratio Lower Upper

154 100

153 113.7 90.6 135.8

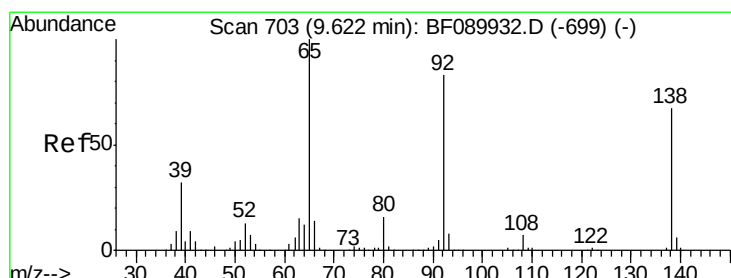
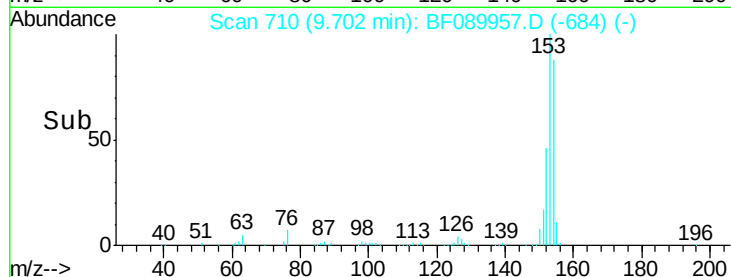
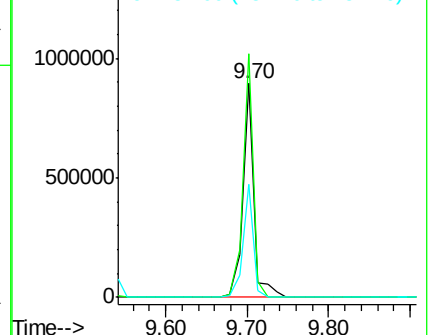
152 52.6 42.4 63.6



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: 28.00 ng

RT: 9.62 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

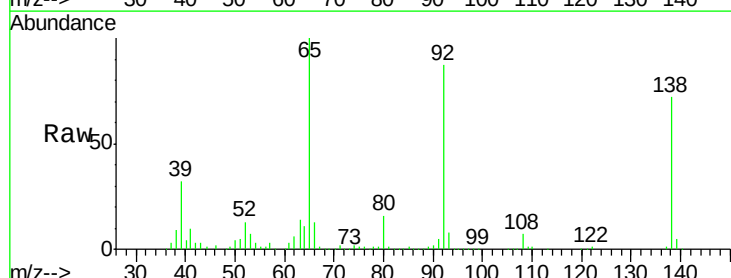
Tgt Ion:138 Resp: 179470

Ion Ratio Lower Upper

138 100

108 10.3 8.3 12.5

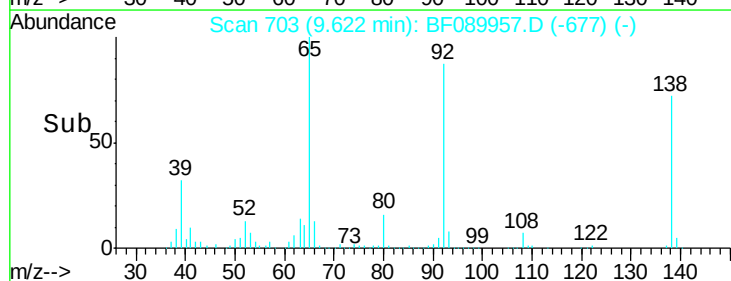
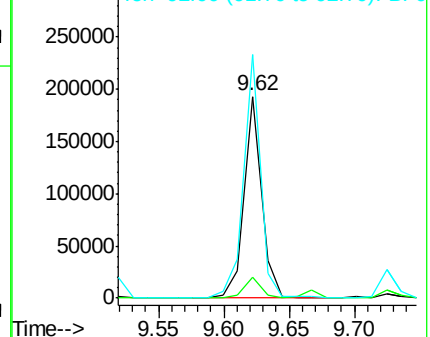
92 120.9 99.1 148.7

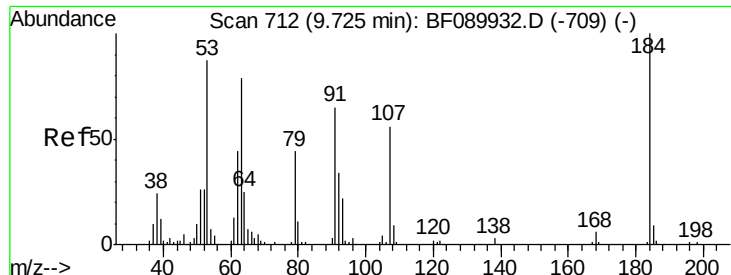


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

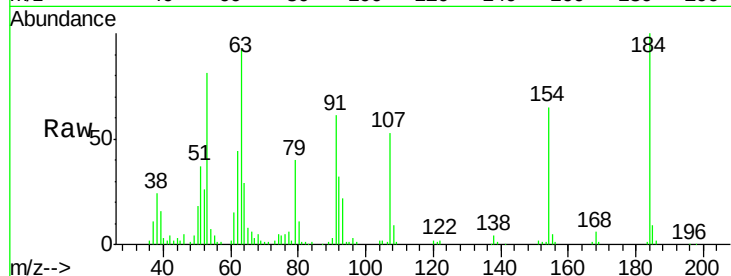




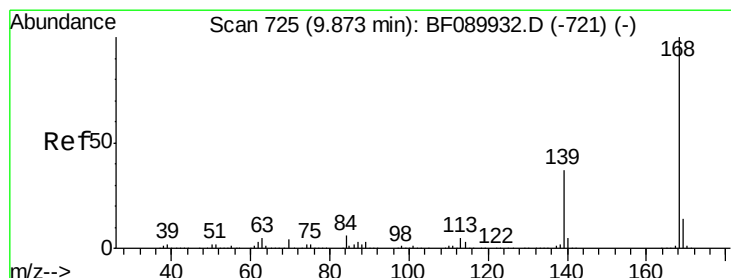
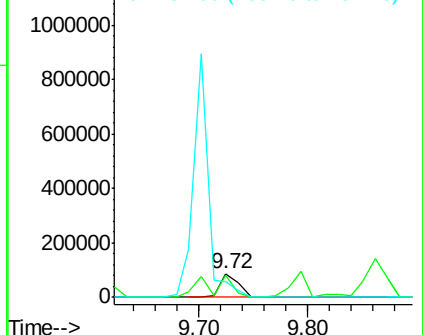
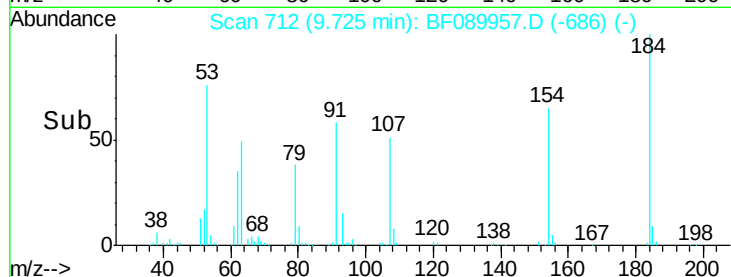
#53
2,4-Dinitrophenol
Concen: 38.73 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

Instrument :
BNA_F
ClientSampleID :

Tot Ion:184 Resp: 105883
Ion Ratio Lower Upper
184 100
63 92.1 73.9 110.9
154 65.2 53.5 80.3

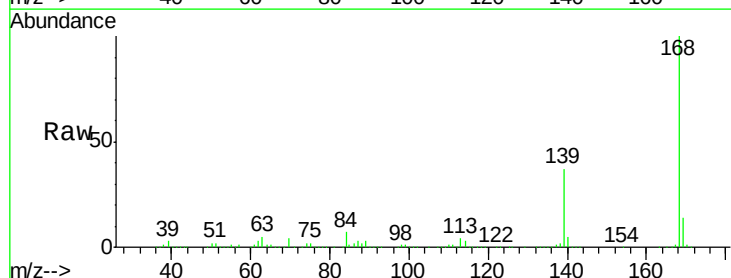


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

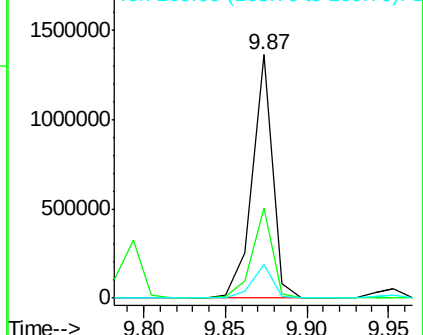
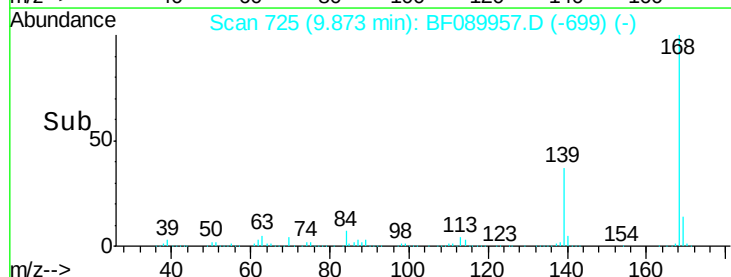


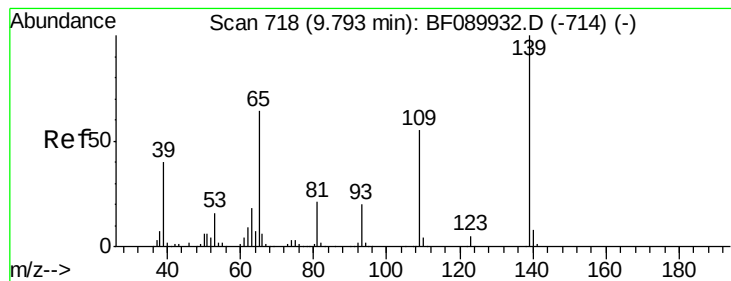
#54
Dibenzofuran
Concen: 42.20 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

Tgt Ion:168 Resp: 1179786
Ion Ratio Lower Upper
168 100
139 36.7 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: 65.35 ng

RT: 9.79 min Scan# 718

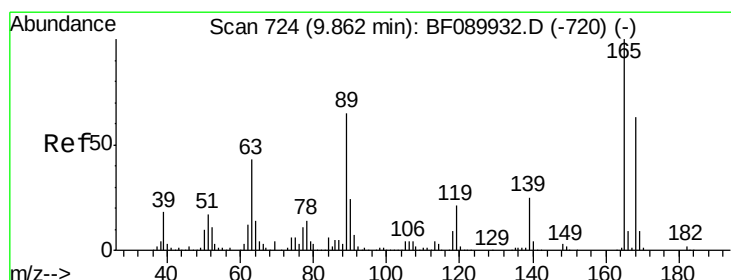
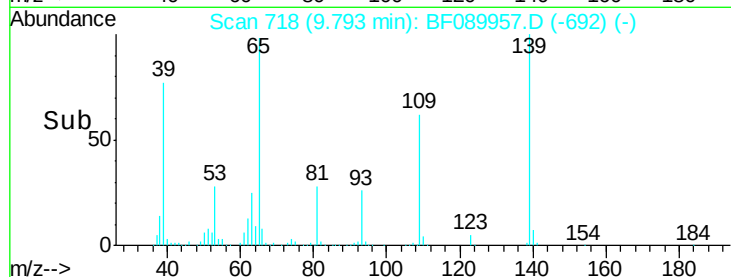
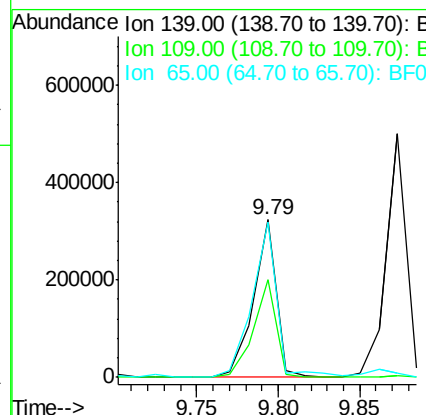
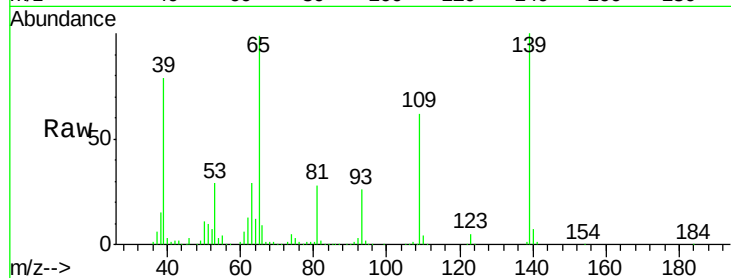
Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 315962
Ion Ratio Lower Upper
139 100
109 62.2 31.3 71.3
65 98.6 38.5 78.5#



#56

2,4-Dinitrotoluene

Concen: 44.30 ng

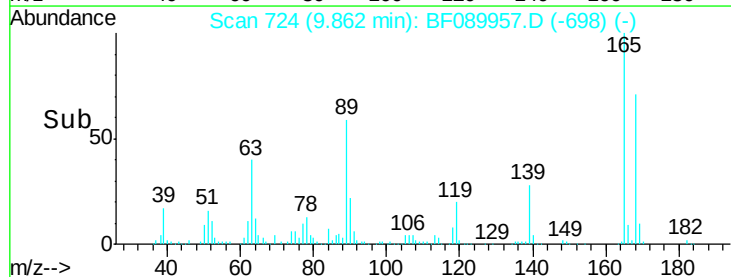
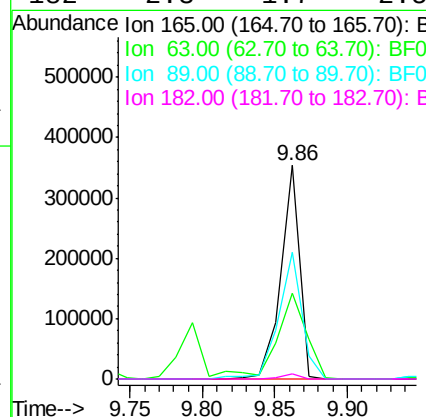
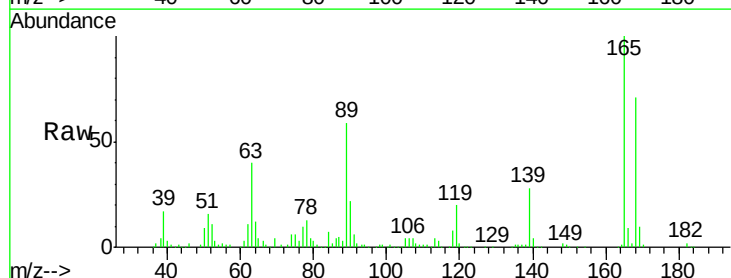
RT: 9.86 min Scan# 724

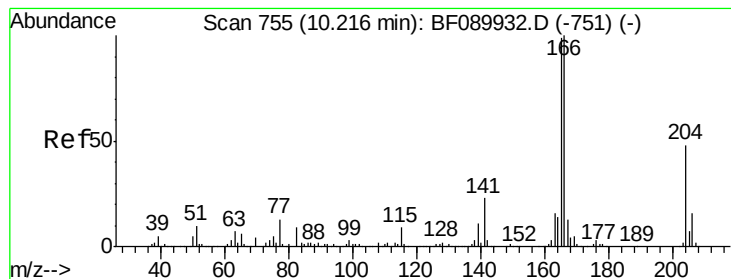
Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Tgt Ion:165 Resp: 315775
Ion Ratio Lower Upper
165 100
63 39.9 32.5 48.7
89 59.4 48.3 72.5
182 2.3 1.7 2.5





#57

Fluorene

Concen: 43.45 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

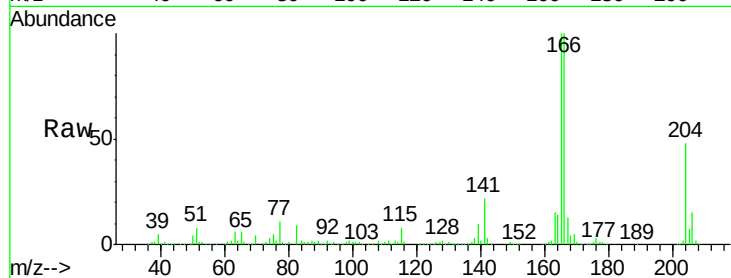
Tot Ion:166 Resp: 887545

Ion Ratio Lower Upper

166 100

165 99.8 78.6 118.0

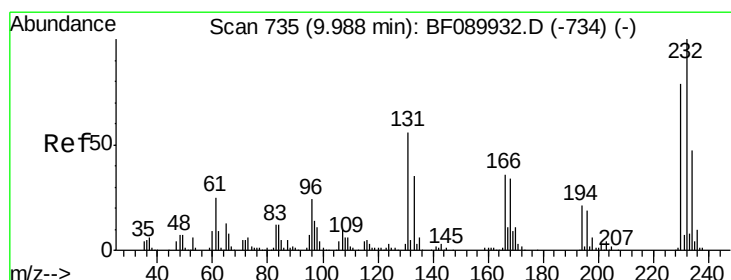
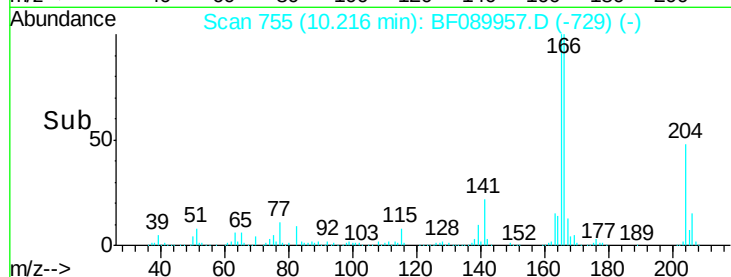
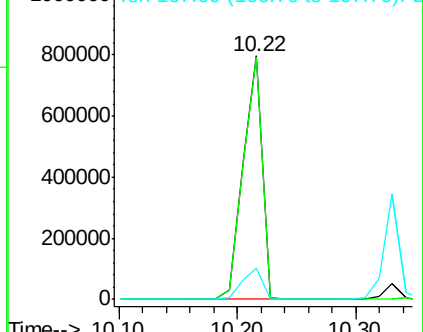
167 13.0 10.6 15.8



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: 38.75 ng

RT: 9.99 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Tgt Ion:232 Resp: 226459

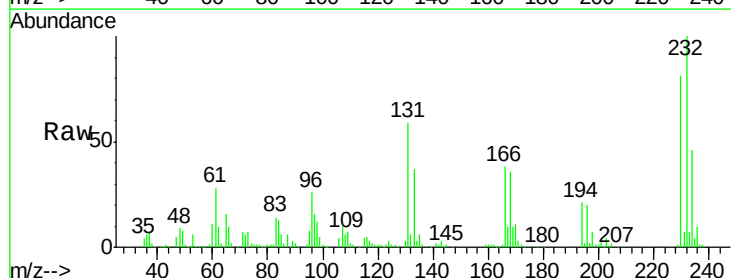
Ion Ratio Lower Upper

232 100

131 44.8 36.3 54.5

130 1.9 1.7 2.5

166 30.9 24.4 36.6

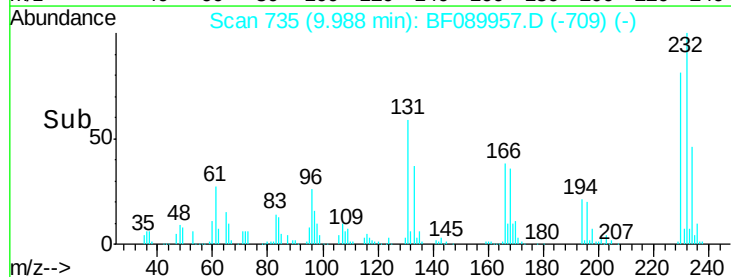
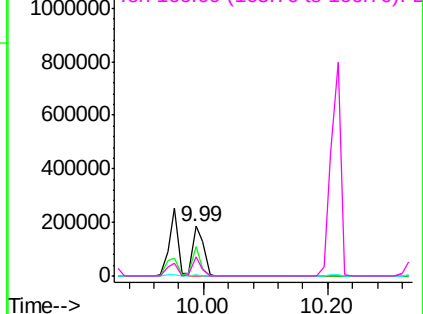


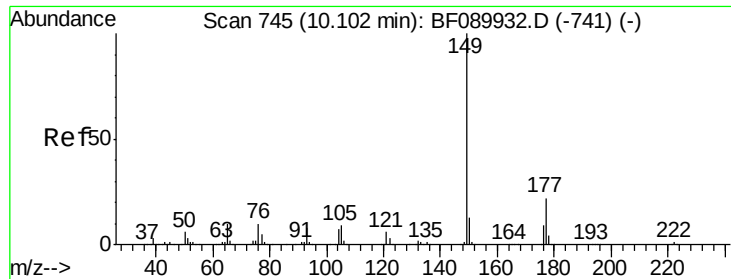
Abundance Ion 232.00 (231.70 to 232.70): E

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

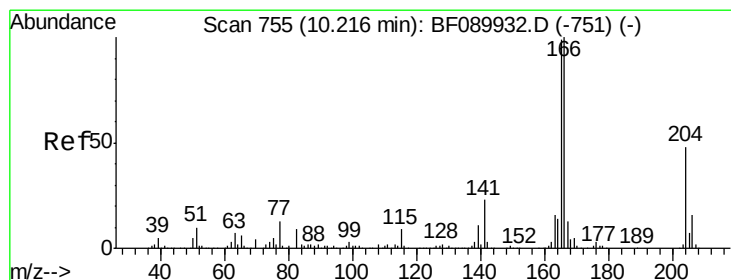
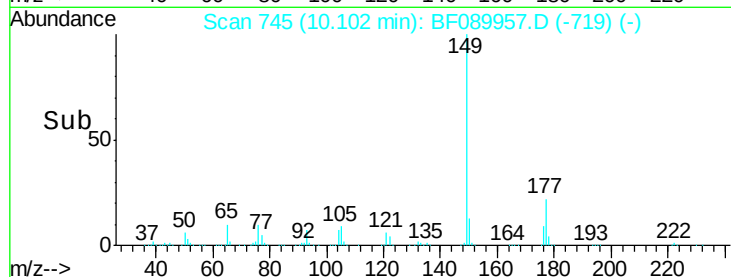
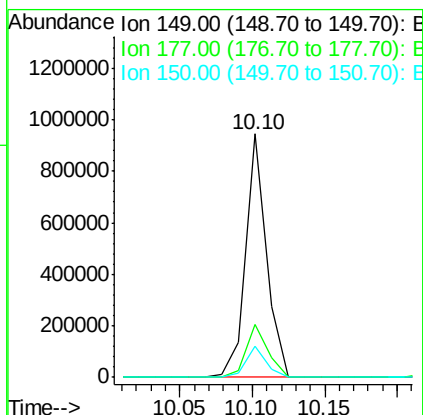
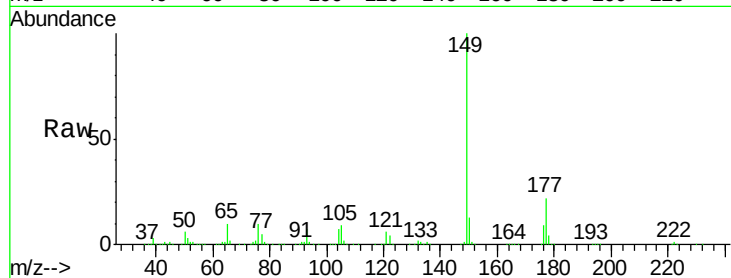




#59
Diethylphthalate
Concen: 39.47 ng
RT: 10.10 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

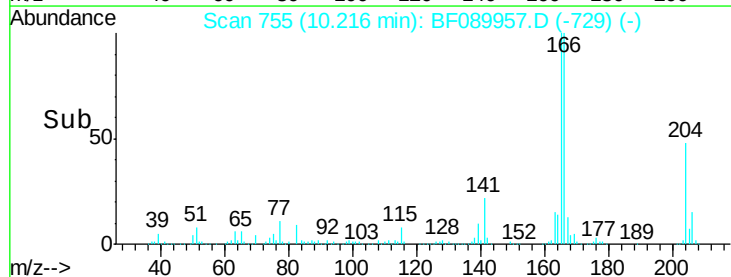
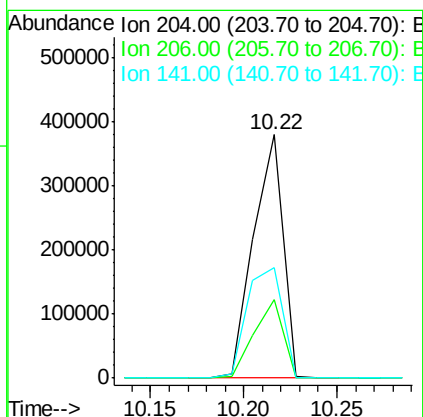
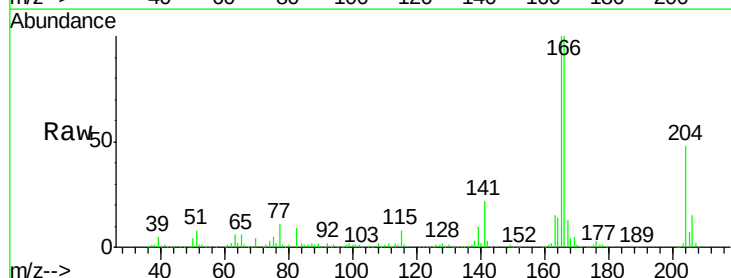
Instrument :
BNA_F
ClientSampleId :

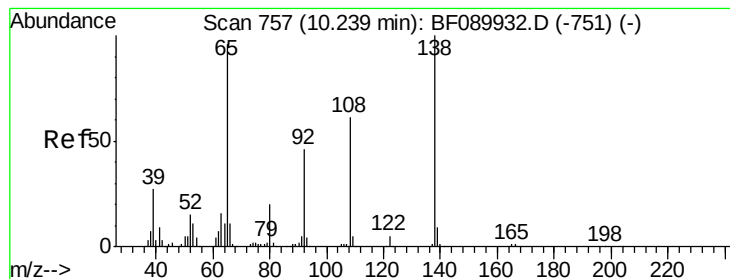
Tot Ion:149 Resp: 938293
Ion Ratio Lower Upper
149 100
177 21.8 17.7 26.5
150 12.9 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 43.22 ng
RT: 10.22 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

Tgt Ion:204 Resp: 415521
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 45.5 36.5 54.7





#61

4-Nitroaniline

Concen: 31.15 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

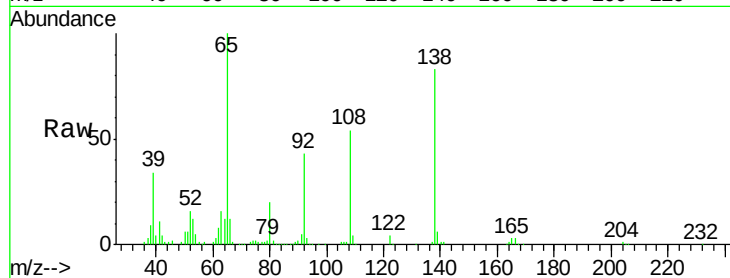
Tot Ion:138 Resp: 196208

Ion Ratio Lower Upper

138 100

92 52.0 21.2 61.2

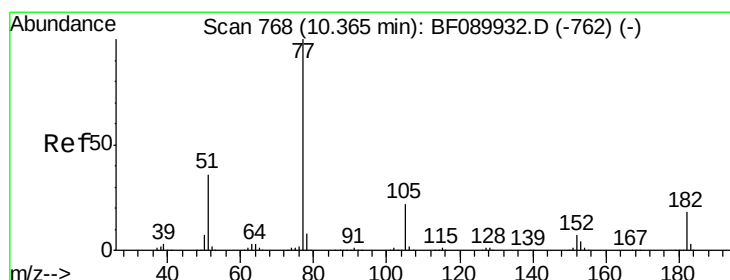
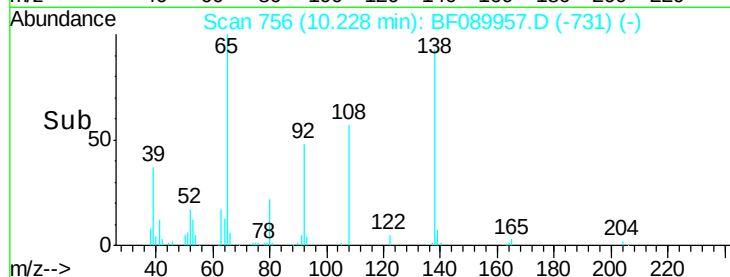
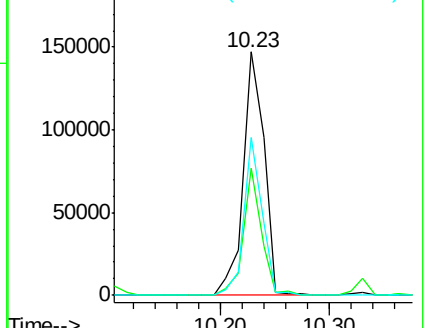
108 64.8 37.7 77.7



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: 40.60 ng

RT: 10.36 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Tgt Ion: 77 Resp: 964013

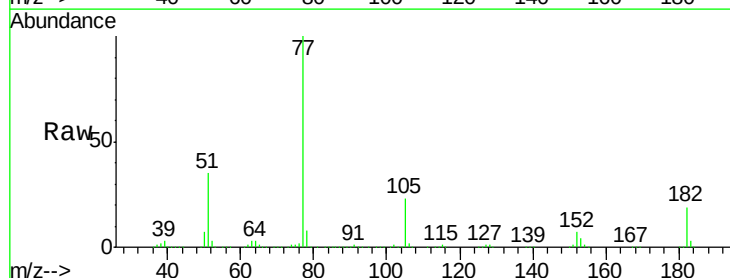
Ion Ratio Lower Upper

77 100

182 19.0 0.0 38.6

105 22.7 2.3 42.3

51 35.4 15.1 55.1

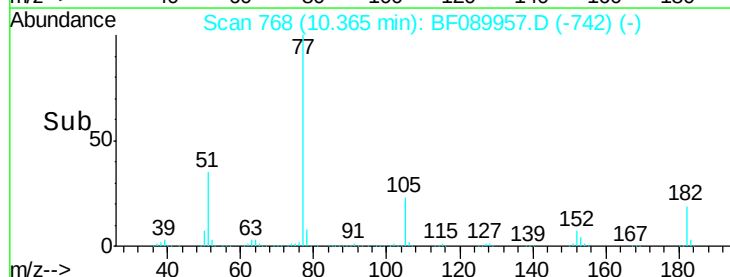
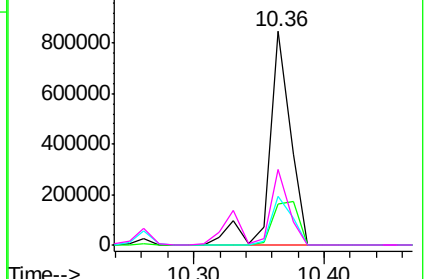


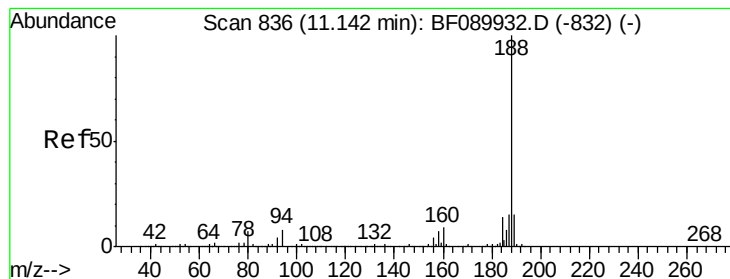
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

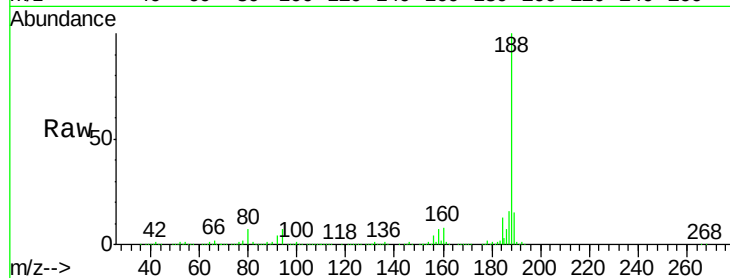
Tot Ion:188 Resp: 566068

Ion Ratio Lower Upper

188 100

94 7.1 5.9 8.9

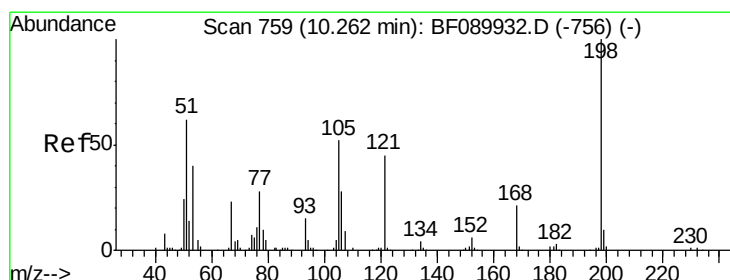
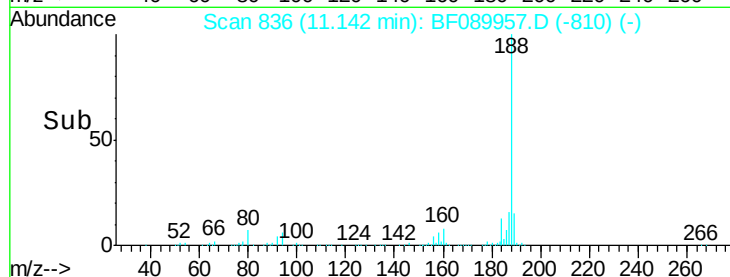
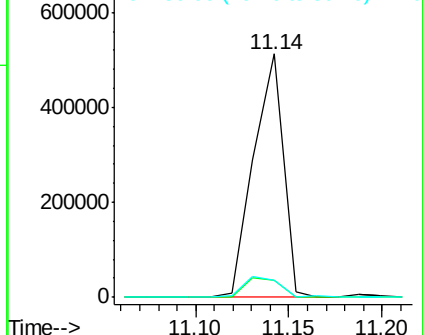
80 7.0 5.8 8.8



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: 29.77 ng

RT: 10.26 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

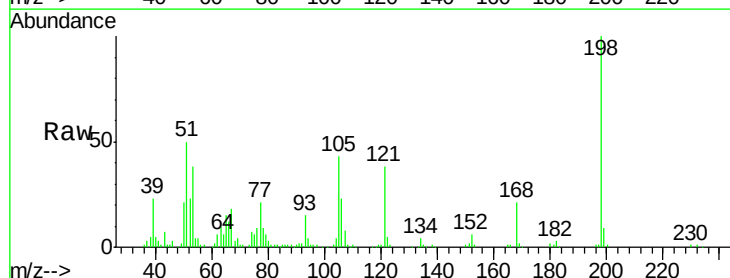
Tgt Ion:198 Resp: 107883

Ion Ratio Lower Upper

198 100

51 50.0 43.0 83.0

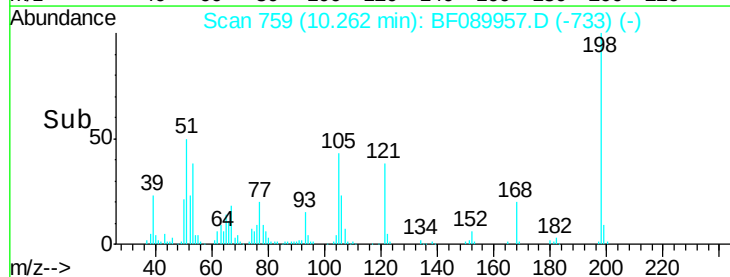
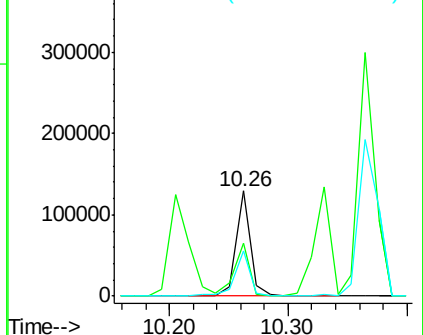
105 43.0 30.3 70.3

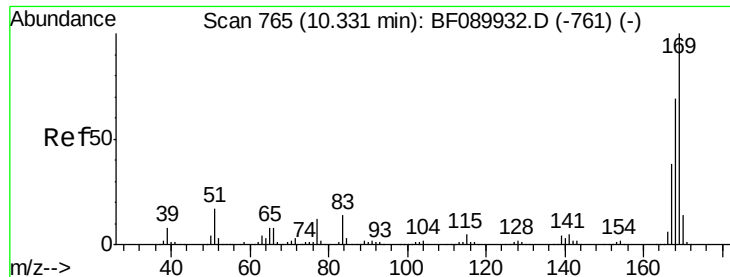


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 46.31 ng

RT: 10.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

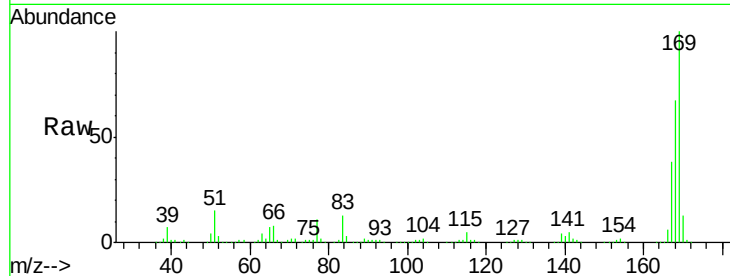
Tot Ion:169 Resp: 788121

Ion Ratio Lower Upper

169 100

168 67.2 55.0 82.4

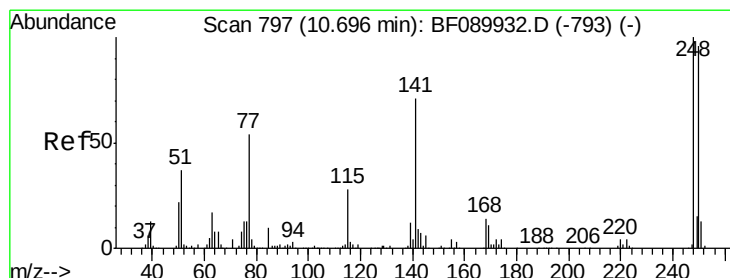
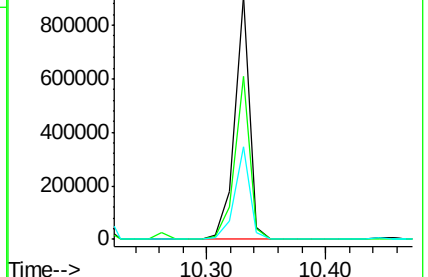
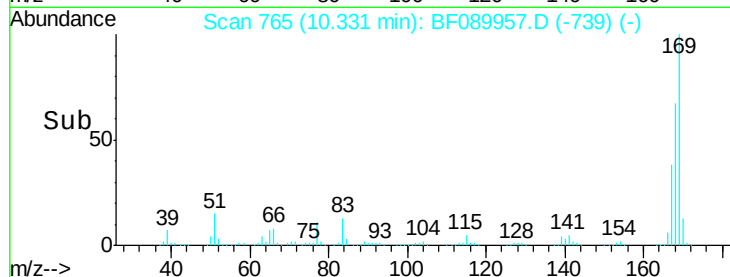
167 38.0 30.5 45.7



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: 45.59 ng

RT: 10.70 min Scan# 797

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

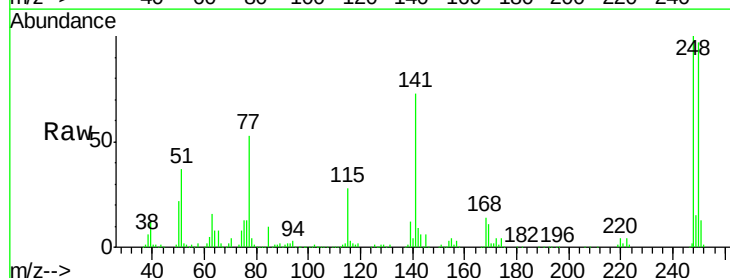
Tgt Ion:248 Resp: 259792

Ion Ratio Lower Upper

248 100

250 96.9 77.3 115.9

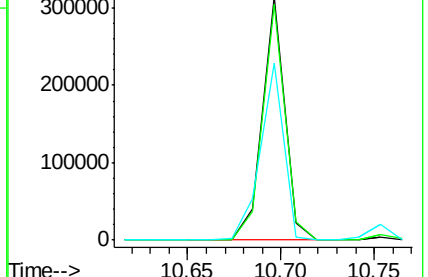
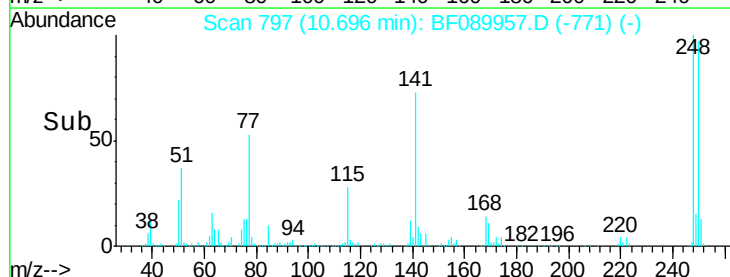
141 72.5 55.8 83.8

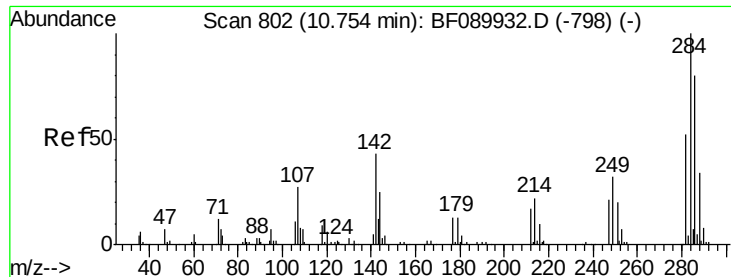


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.59 ng

RT: 10.75 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

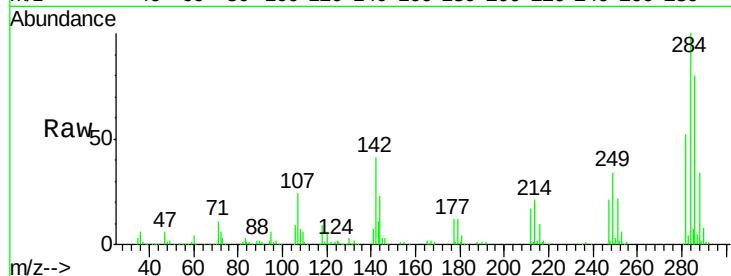
Tot Ion:284 Resp: 251232

Ion Ratio Lower Upper

284 100

142 40.7 32.7 49.1

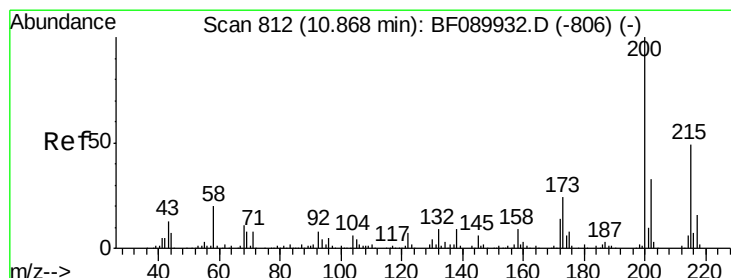
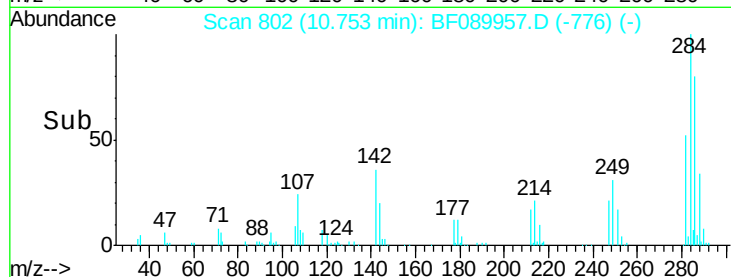
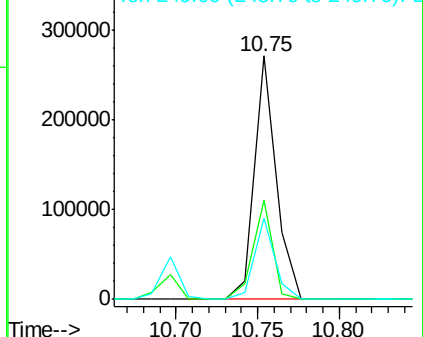
249 33.5 26.9 40.3



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: 40.45 ng

RT: 10.86 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

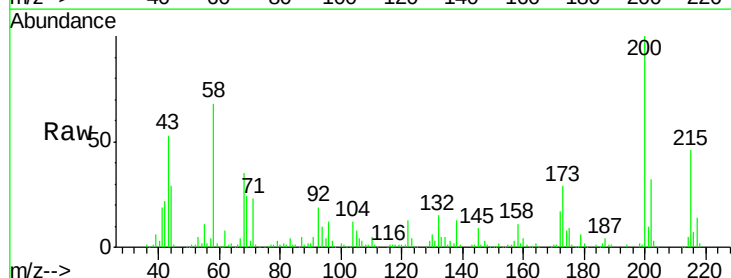
Tgt Ion:200 Resp: 229819

Ion Ratio Lower Upper

200 100

173 28.8 9.4 49.4

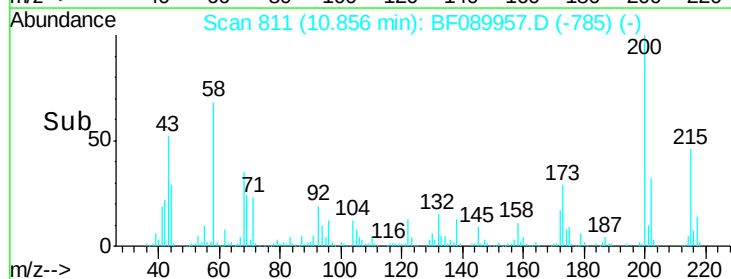
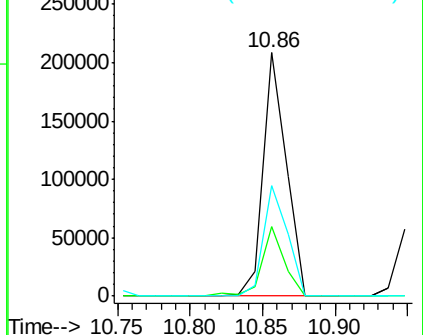
215 45.6 24.5 64.5

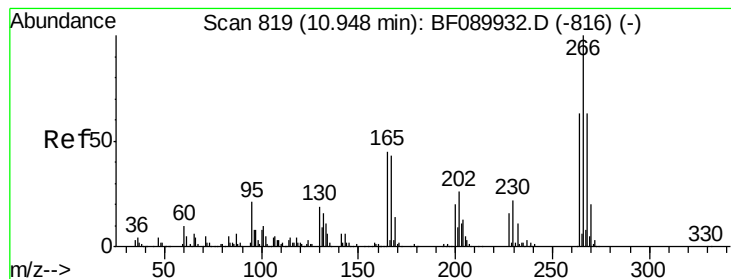


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 71.63 ng

RT: 10.95 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :
BNA_F
ClientSampleId :

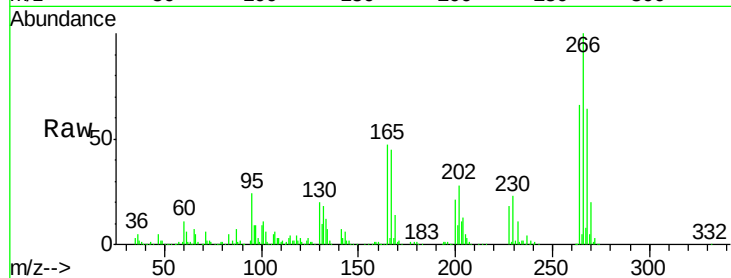
Tot Ion:266 Resp: 250853

Ion Ratio Lower Upper

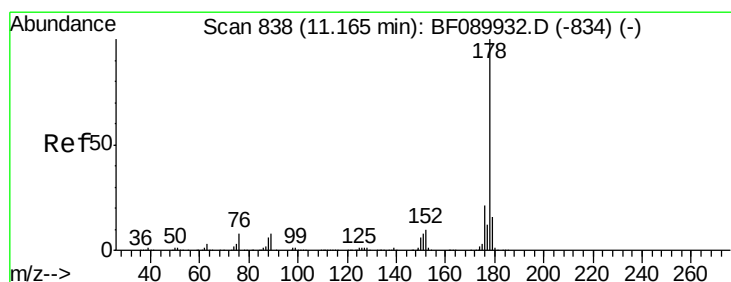
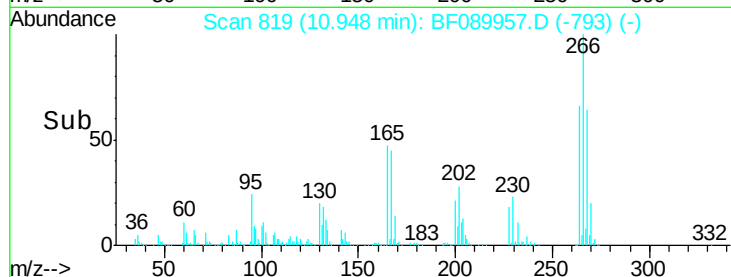
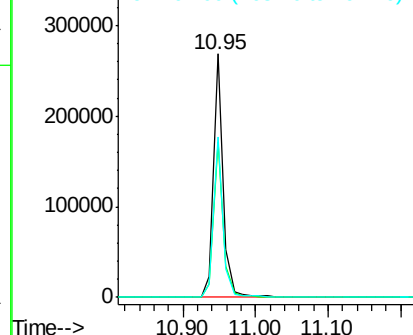
266 100

268 63.9 51.0 76.6

264 65.8 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: 42.90 ng

RT: 11.16 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

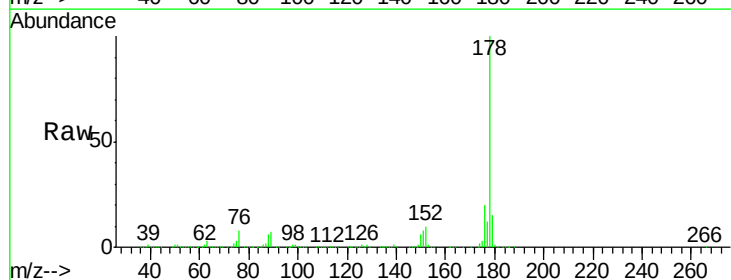
Tgt Ion:178 Resp: 1209433

Ion Ratio Lower Upper

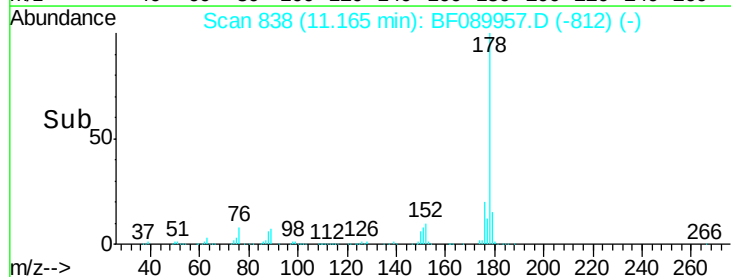
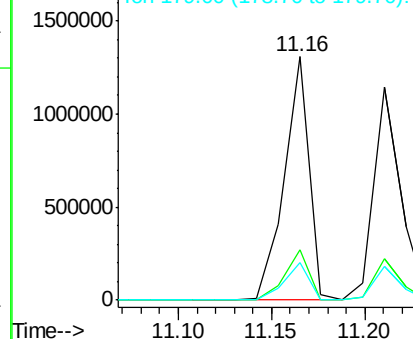
178 100

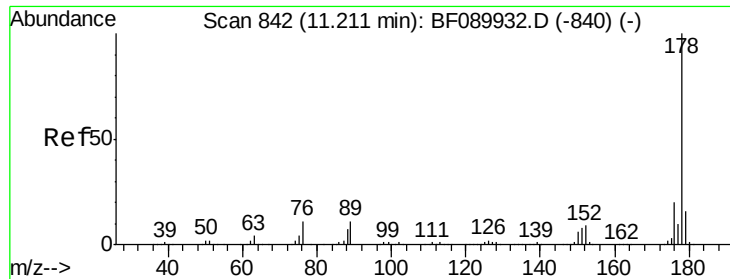
176 20.5 16.5 24.7

179 15.5 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

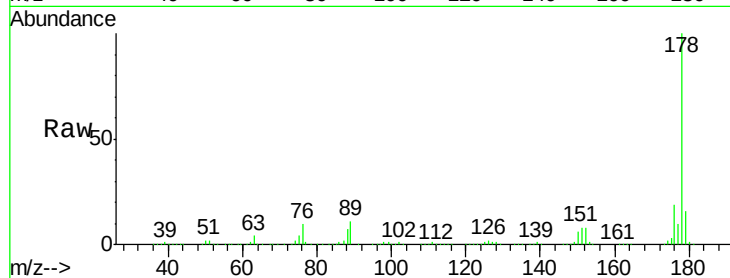




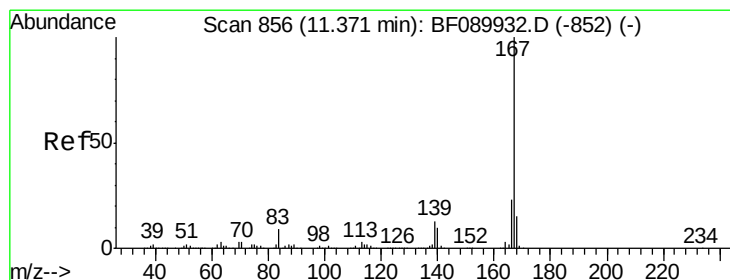
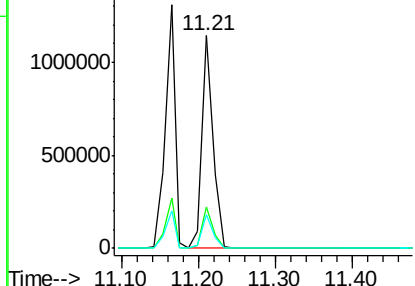
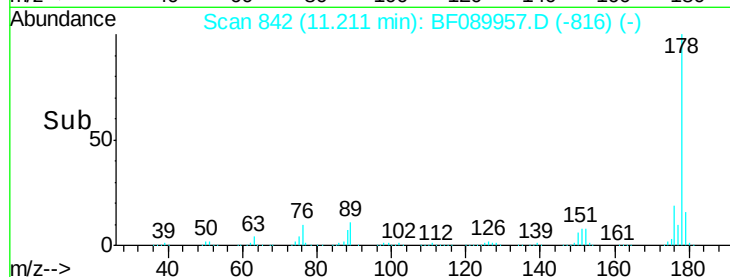
#71
 Anthracene
 Concen: 39.36 ng
 RT: 11.21 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1125409
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.8 13.0 19.4

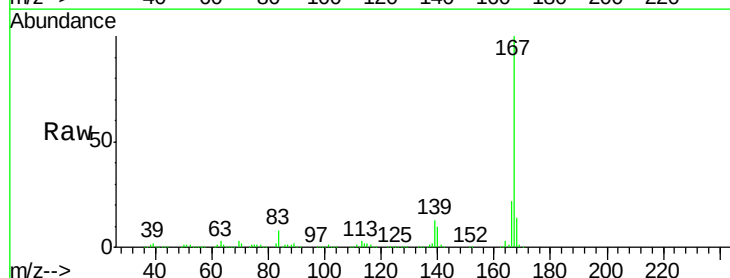


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

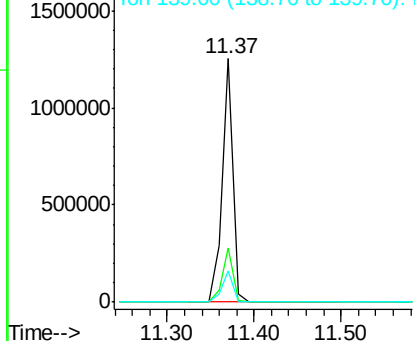
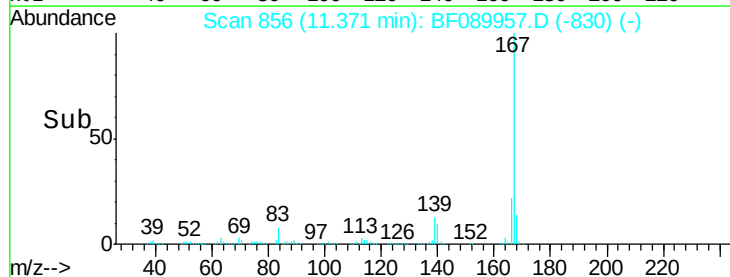


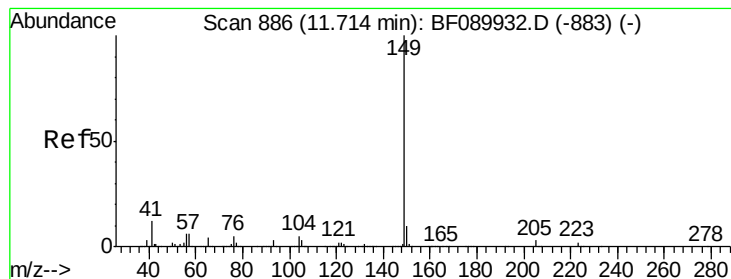
#72
 Carbazole
 Concen: 40.97 ng
 RT: 11.37 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

Tgt Ion:167 Resp: 1098266
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 12.7 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: 41.62 ng

RT: 11.71 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

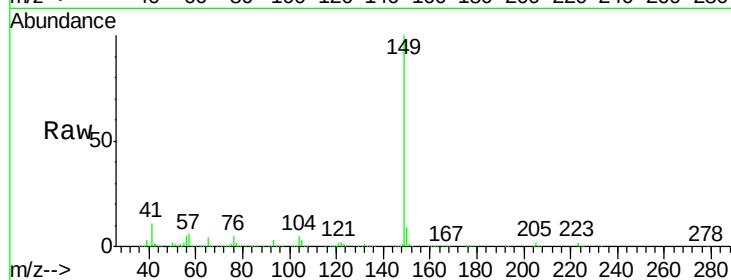
Tot Ion:149 Resp: 1300605

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.8

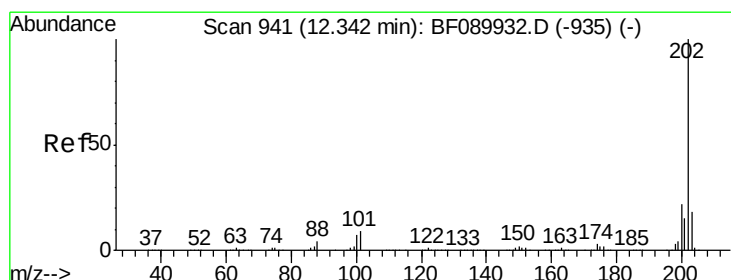
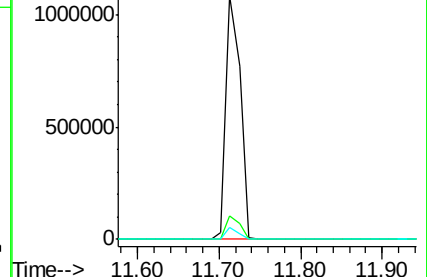
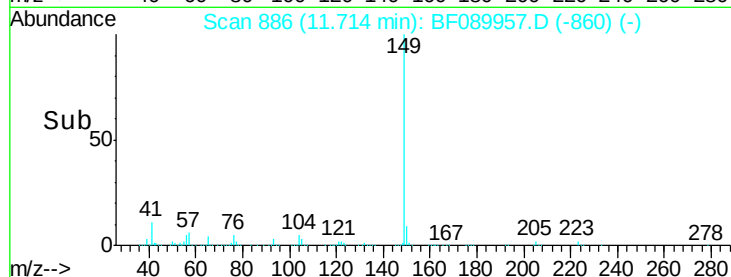
104 5.0 3.9 5.9



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: 39.06 ng

RT: 12.34 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

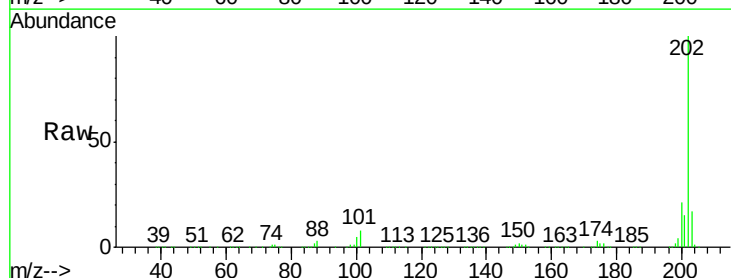
Tgt Ion:202 Resp: 1153870

Ion Ratio Lower Upper

202 100

101 7.5 0.0 28.5

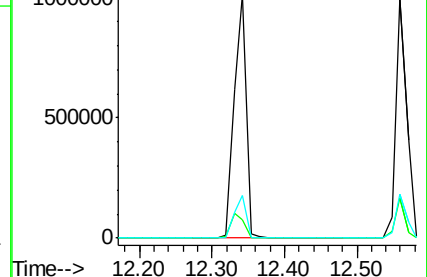
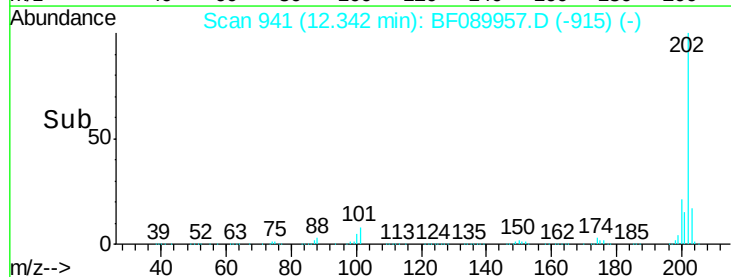
203 17.4 0.0 38.0

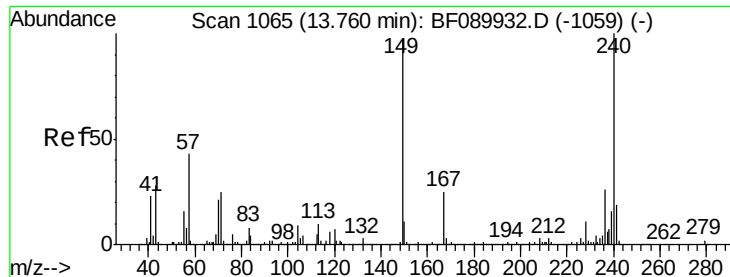


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

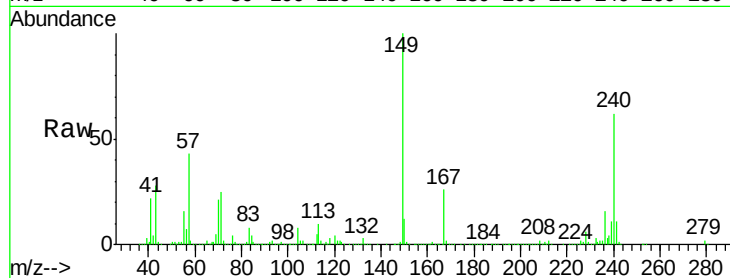
Tot Ion:240 Resp: 384082

Ion Ratio Lower Upper

240 100

120 6.1 5.7 8.5

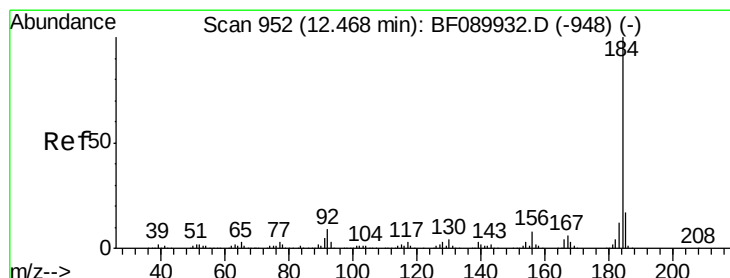
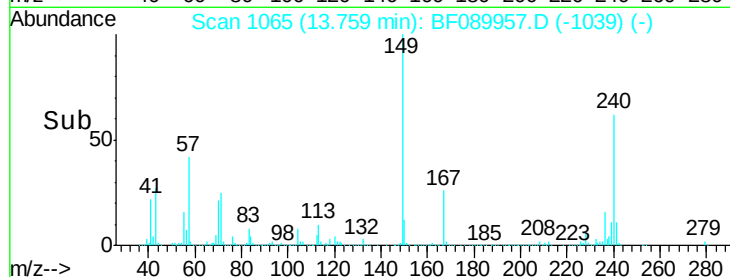
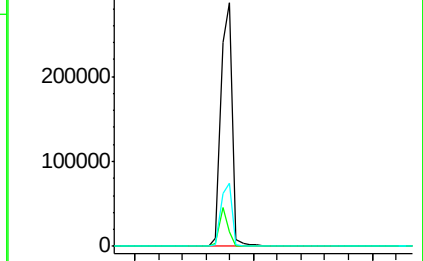
236 26.1 21.3 31.9



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: 31.91 ng

RT: 12.47 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

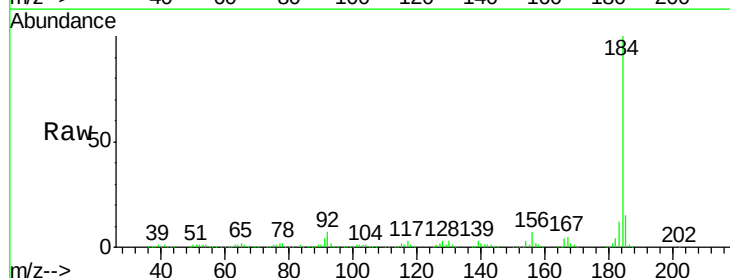
Tgt Ion:184 Resp: 464253

Ion Ratio Lower Upper

184 100

185 15.1 13.8 20.8

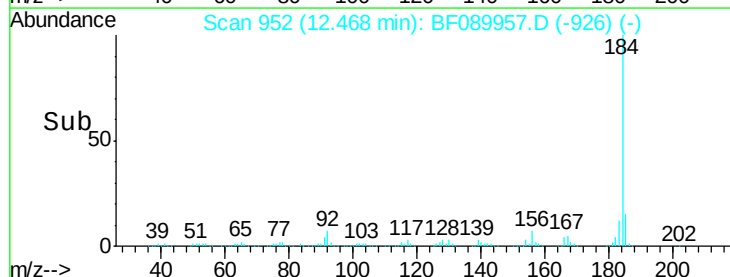
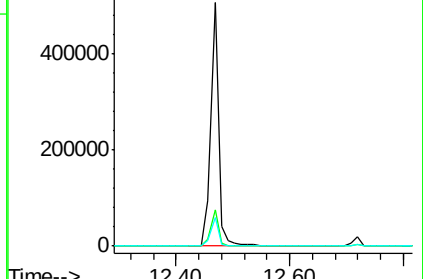
183 11.6 9.6 14.4

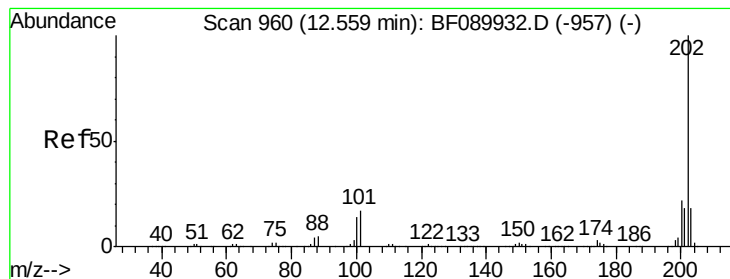


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.28 ng

RT: 12.56 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

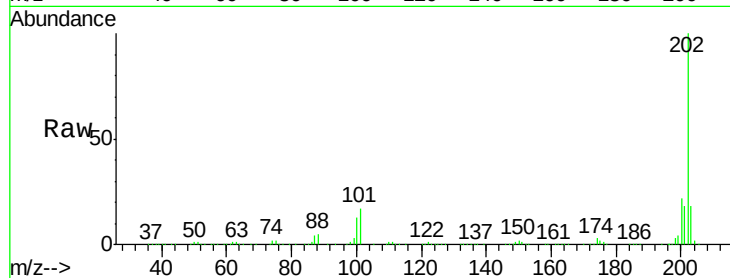
Tot Ion:202 Resp: 1036626

Ion Ratio Lower Upper

202 100

200 22.2 17.6 26.4

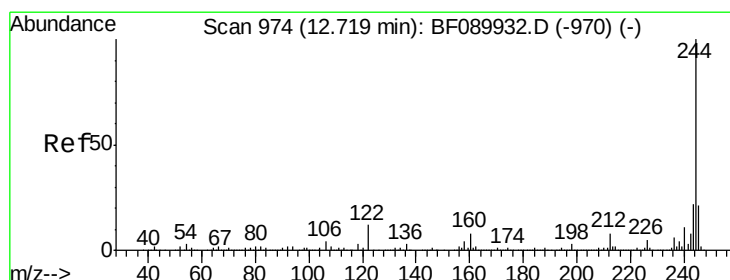
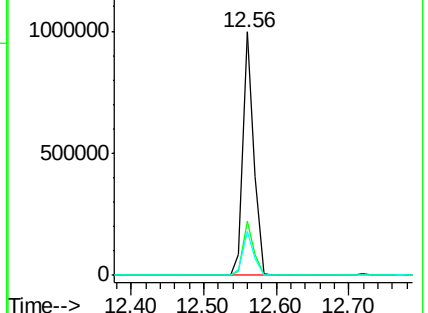
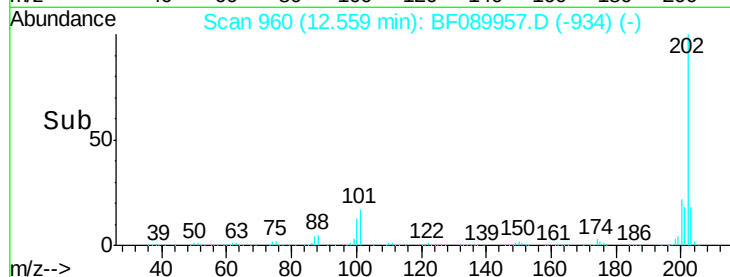
203 18.1 14.6 21.8



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: 84.35 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

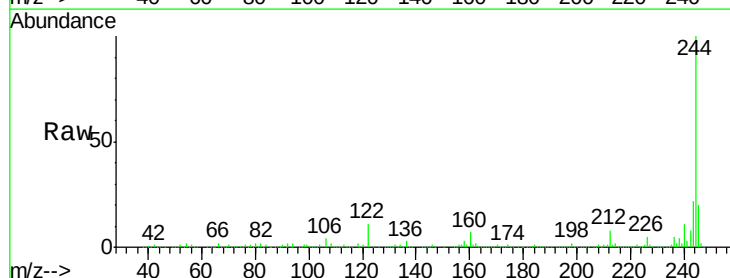
Tgt Ion:244 Resp: 1311524

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

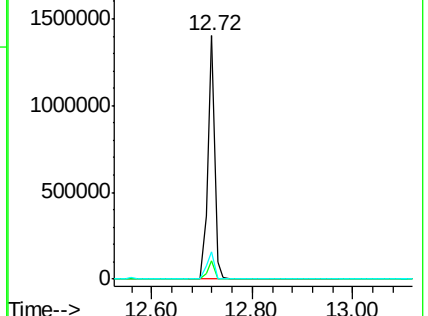
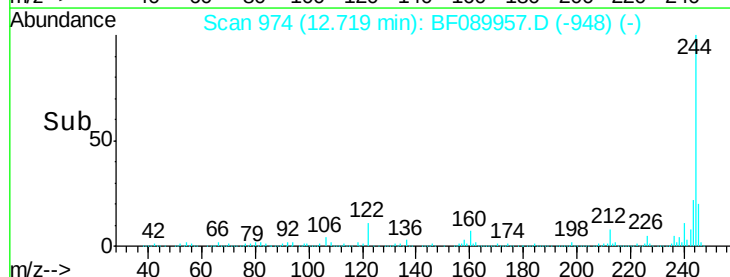
122 11.2 9.6 14.4

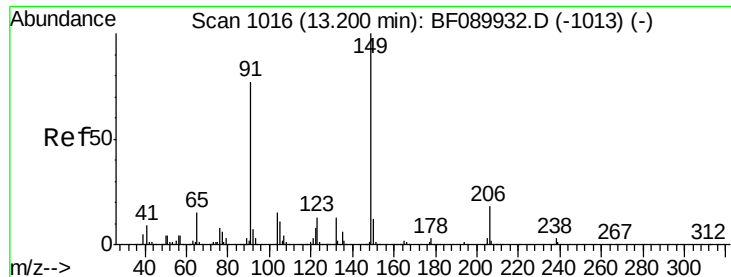


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

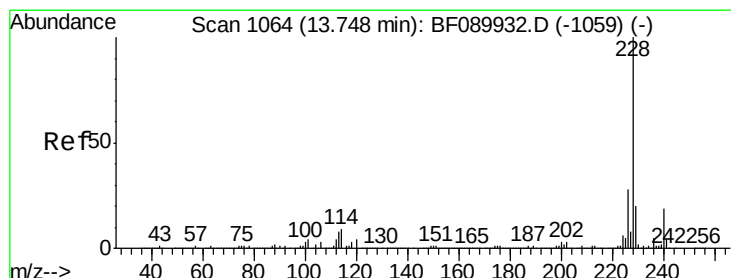
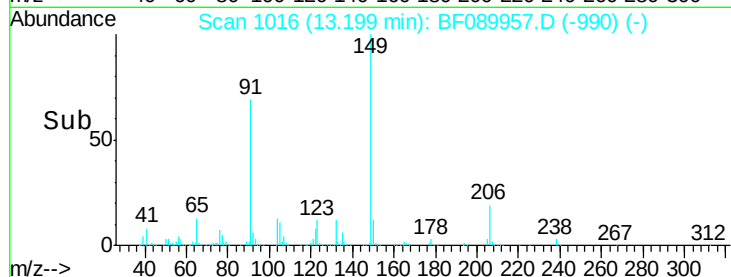
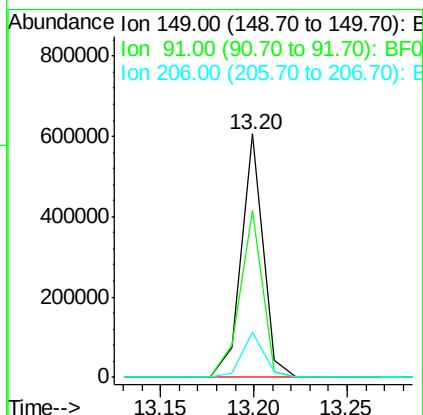
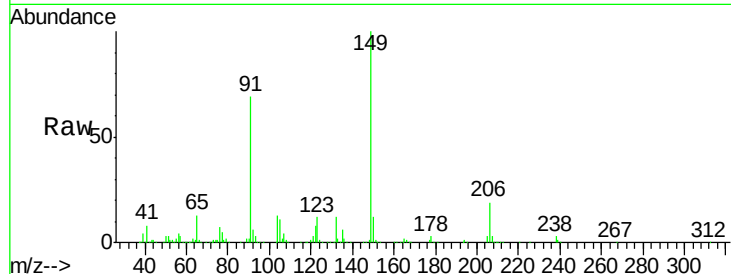




#79
Butylbenzylphthalate
Concen: 45.56 ng
RT: 13.20 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

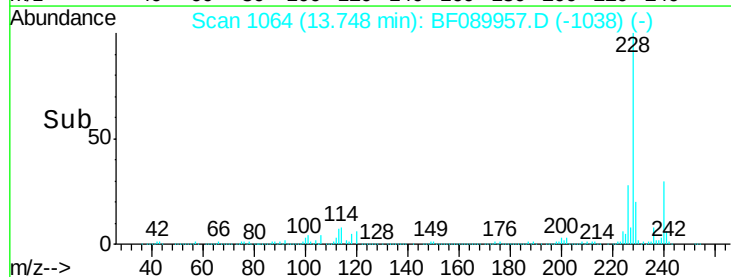
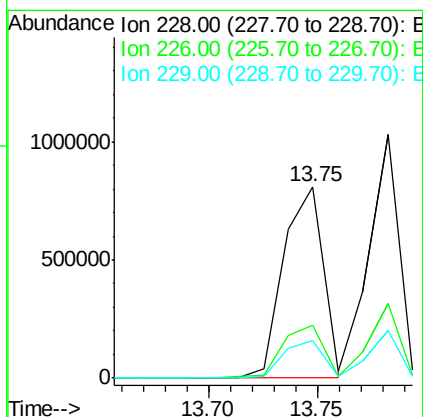
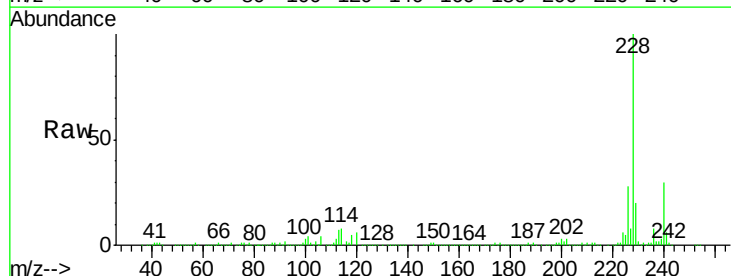
Instrument :
BNA_F
ClientSampleId :

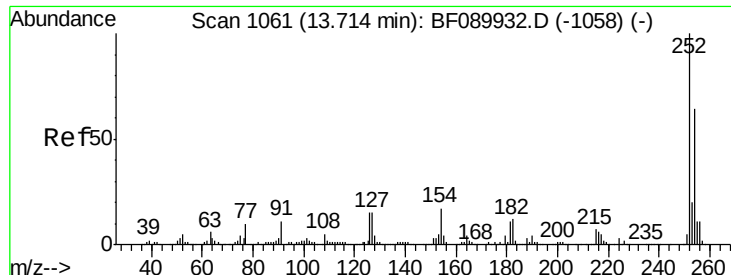
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.8	60.0	90.0
206	18.8	15.1	22.7



#80
Benzo(a)anthracene
Concen: 43.94 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.2
229	19.8	15.8	23.6

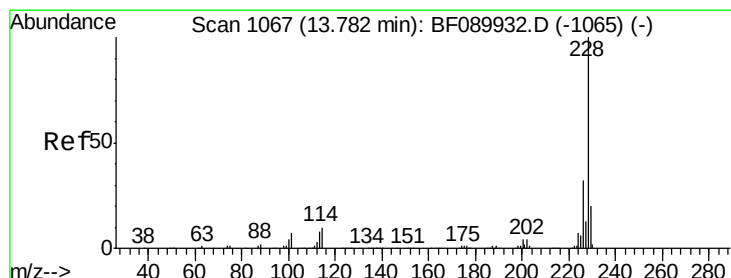
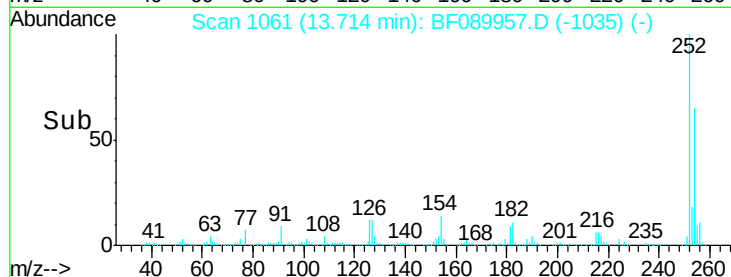
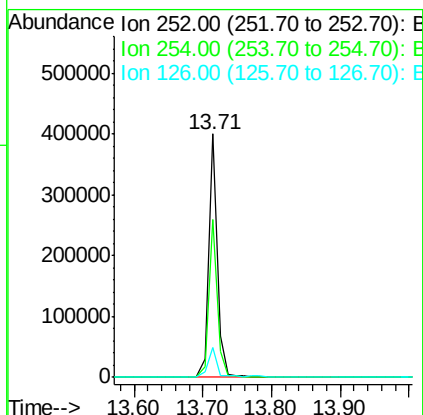
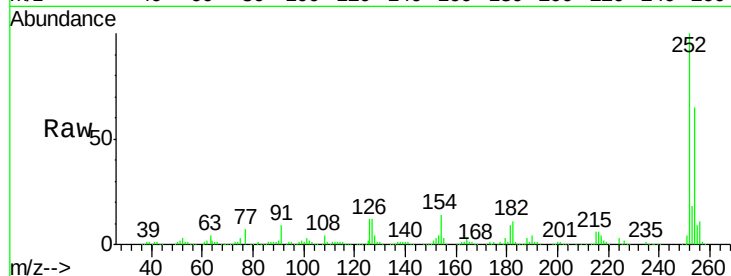




#81
 3,3'-Dichlorobenzidine
 Concen: 41.67 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

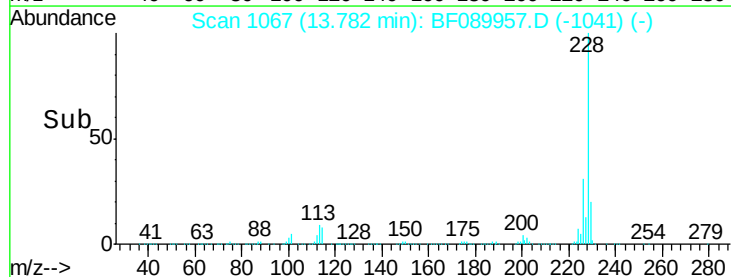
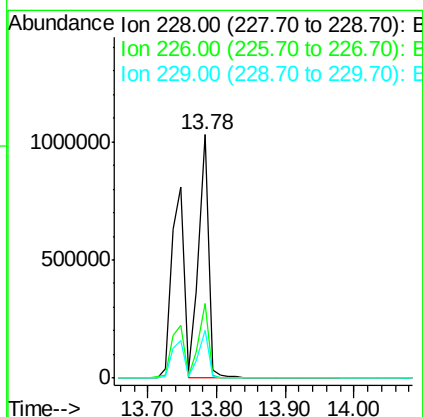
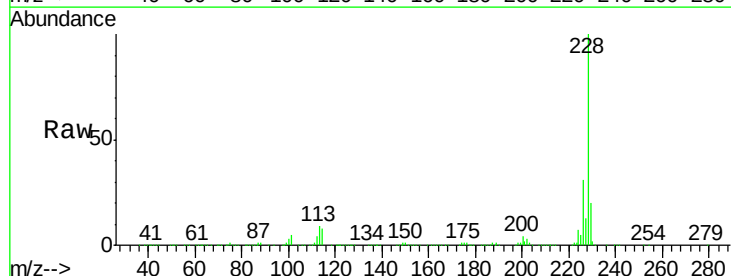
Instrument :
 BNA_F
 ClientSampleId :

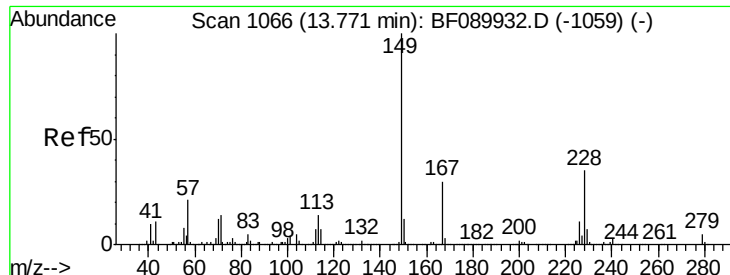
Tot Ion:252 Resp: 353810
 Ion Ratio Lower Upper
 252 100
 254 65.0 51.3 76.9
 126 12.2 12.3 18.5#



#82
 Chrysene
 Concen: 45.80 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

Tgt Ion:228 Resp: 1006453
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.2 37.8
 229 19.8 16.2 24.2

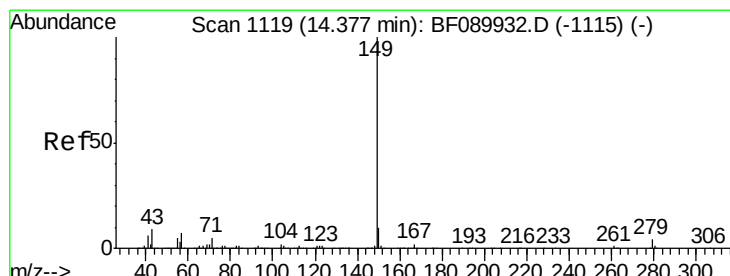
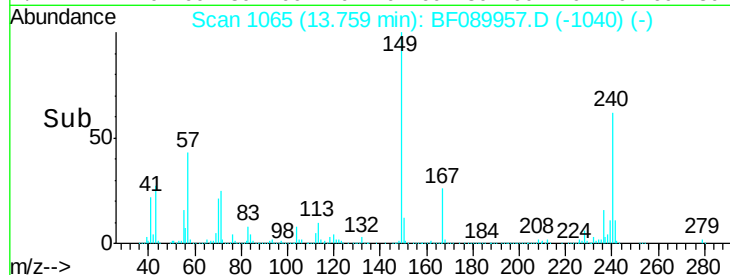
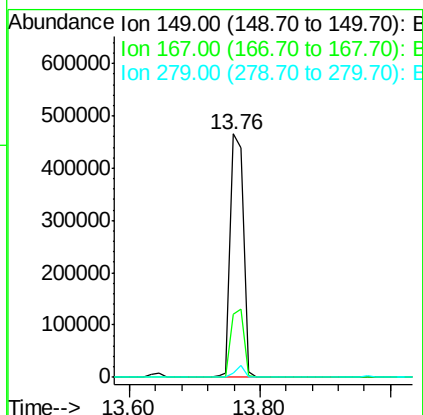
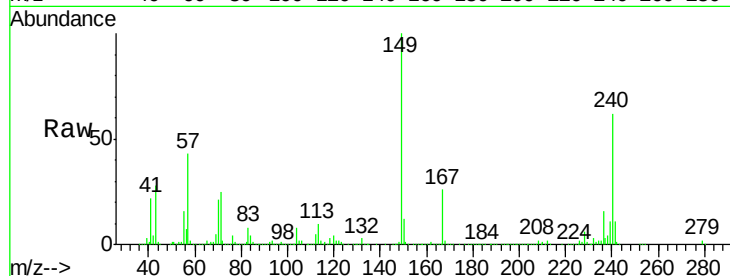




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.43 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

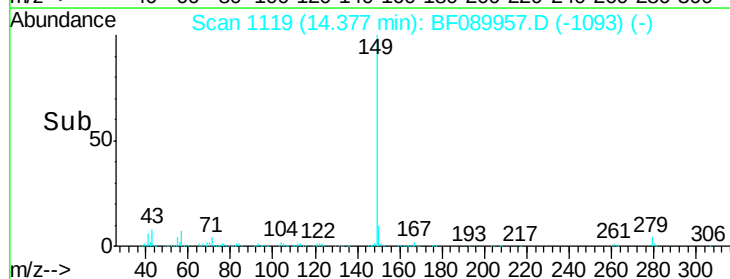
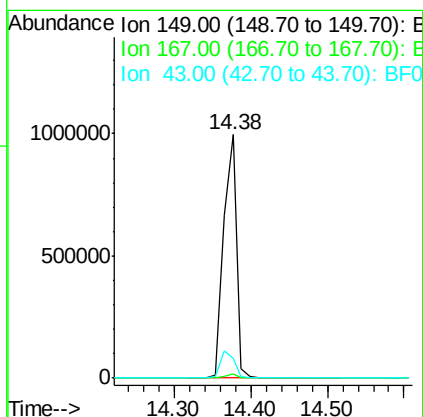
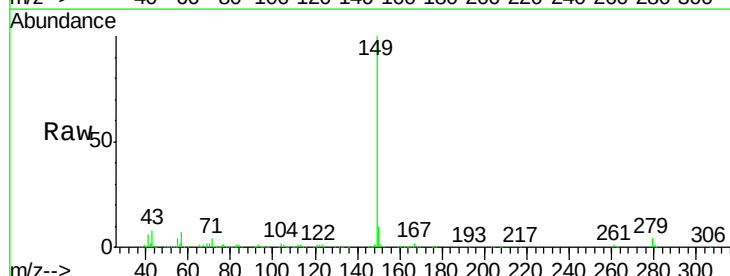
Instrument :
 BNA_F
 ClientSampleId :

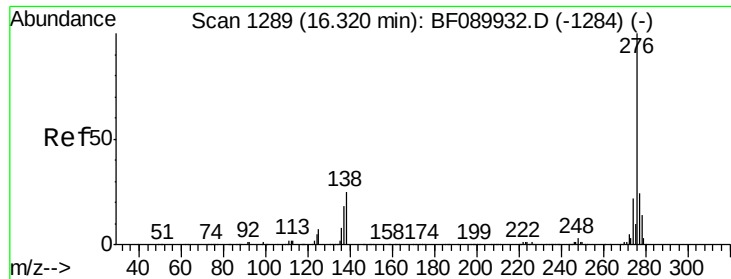
Tot Ion:149 Resp: 640909
 Ion Ratio Lower Upper
 149 100
 167 25.8 23.6 35.4
 279 1.7 3.4 5.2#



#84
 Di-n-octyl phthalate
 Concen: 48.74 ng
 RT: 14.38 min Scan# 1119
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

Tgt Ion:149 Resp: 1188331
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.6 9.3 13.9

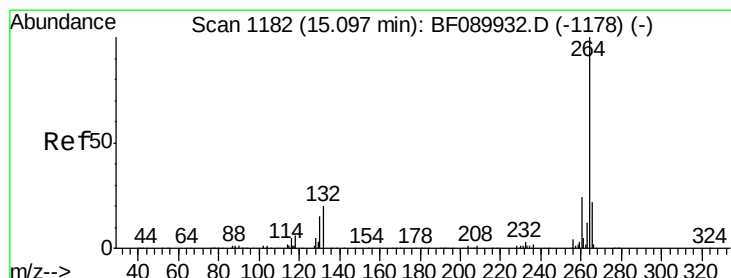
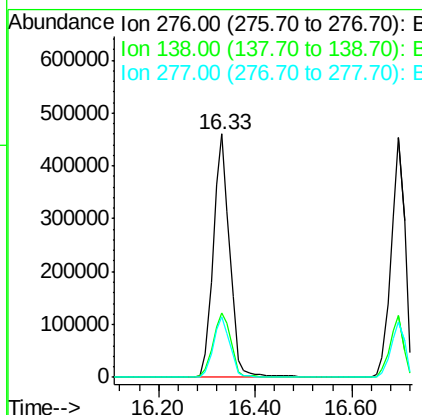
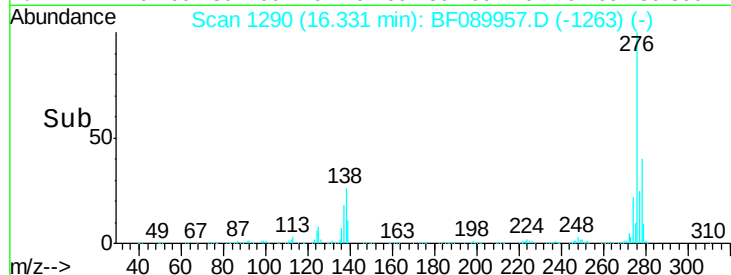
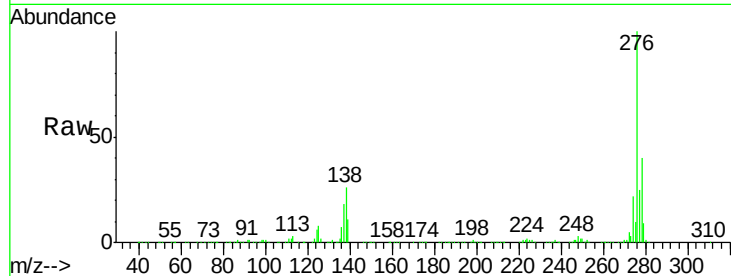




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 68.04 ng
 RT: 16.33 min Scan# 1290
 Delta R.T. 0.01 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

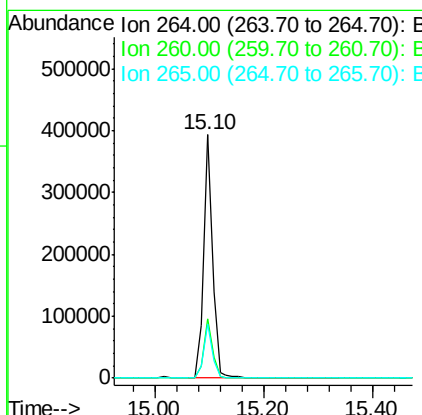
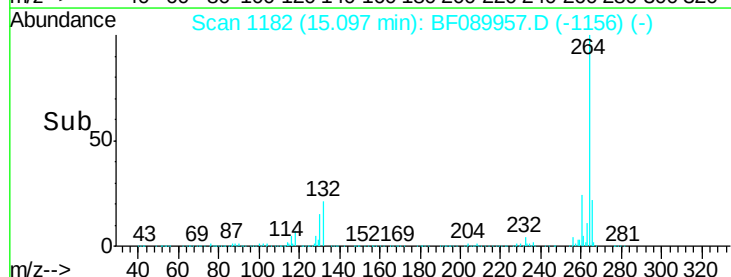
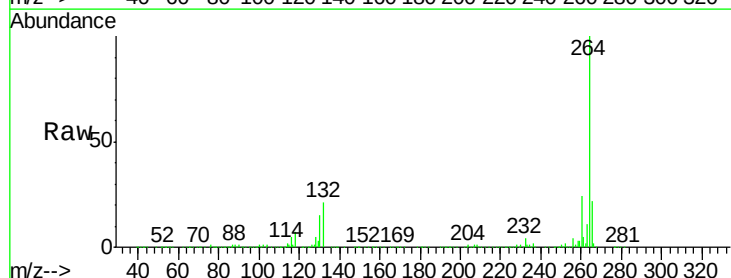
Instrument :
 BNA_F
 ClientSampleId :

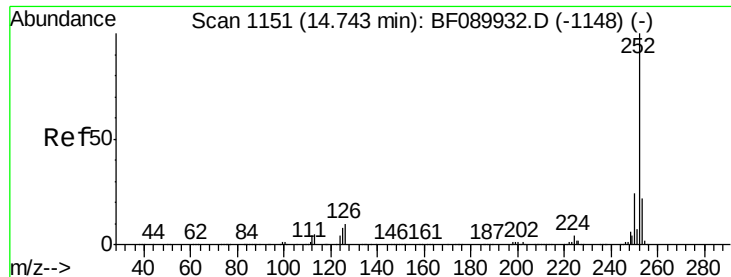
Tot Ion:276 Resp: 1105295
 Ion Ratio Lower Upper
 276 100
 138 28.9 22.6 34.0
 277 25.3 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

Tgt Ion:264 Resp: 443697
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.0
 265 22.1 17.4 26.2

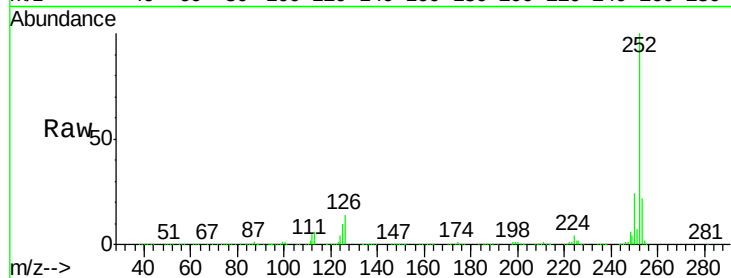




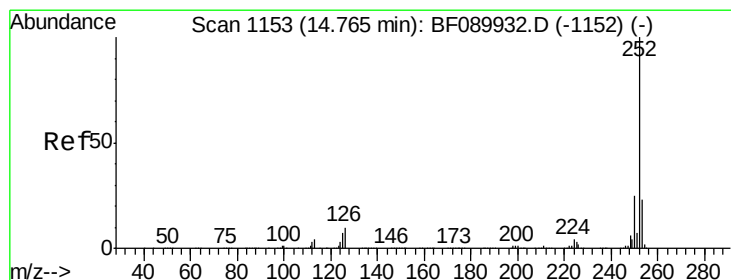
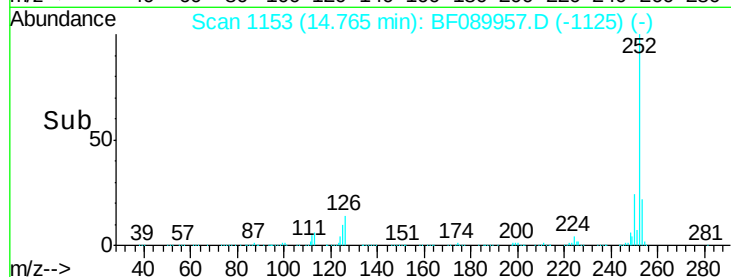
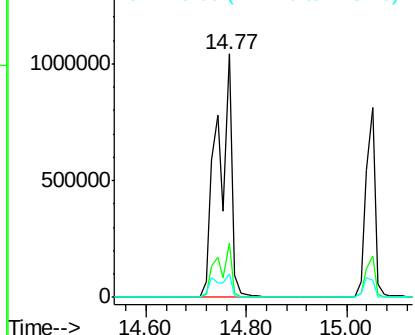
#87
Benzo(b)fluoranthene
Concen: 74.28 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.02 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 2064778
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 9.7 5.7 8.5#

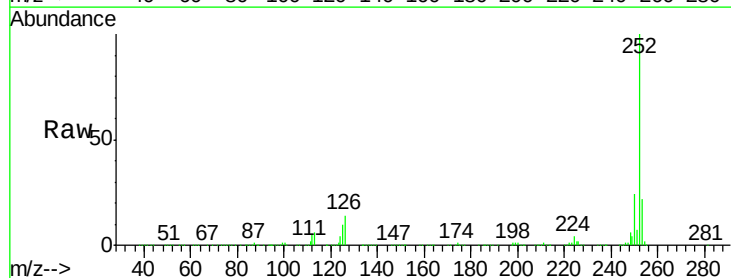


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

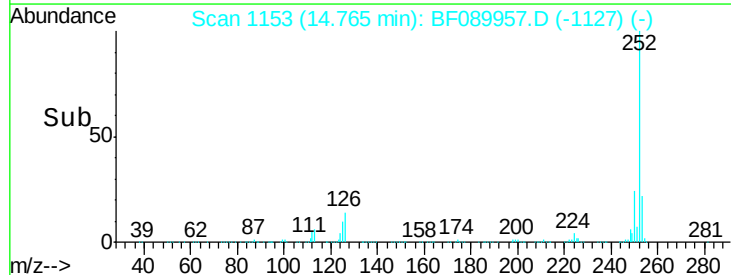
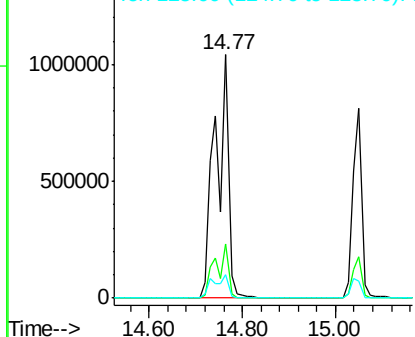


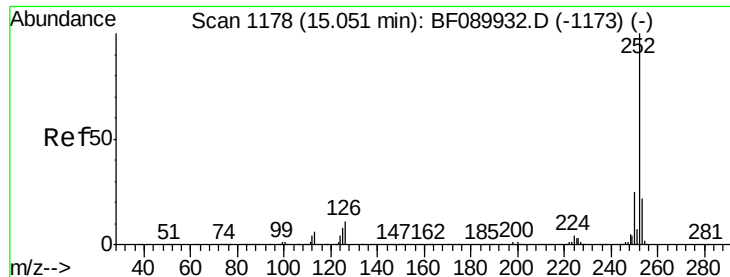
#88
Benzo(k)fluoranthene
Concen: 87.61 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

Tgt Ion:252 Resp: 2066344
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 9.7 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

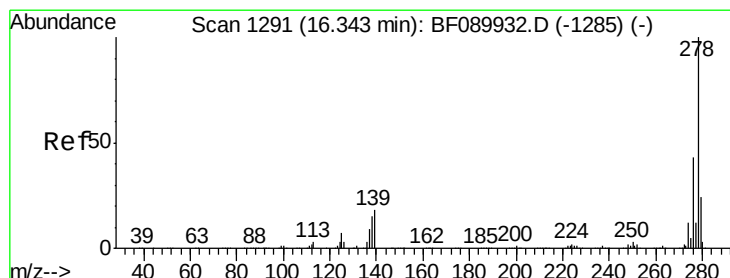
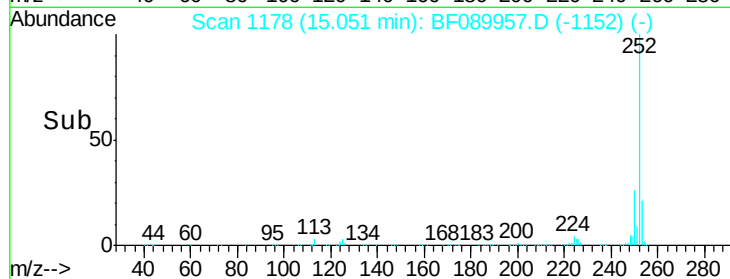
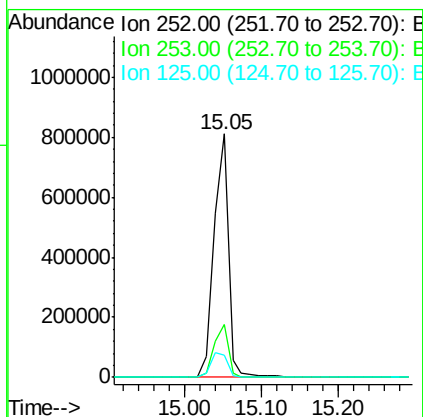
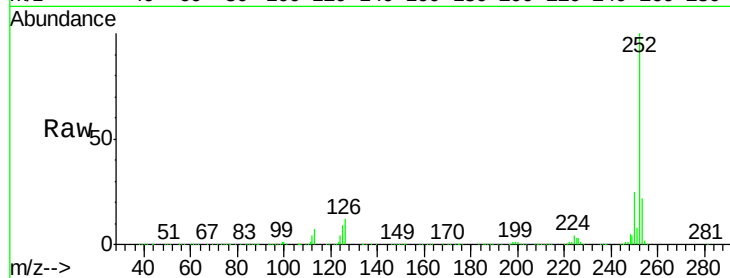




#89
Benzo(a)pyrene
Concen: 43.92 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

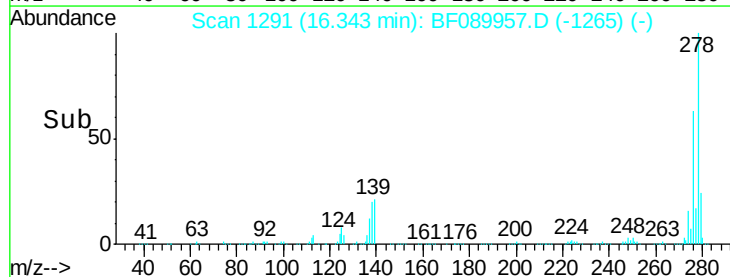
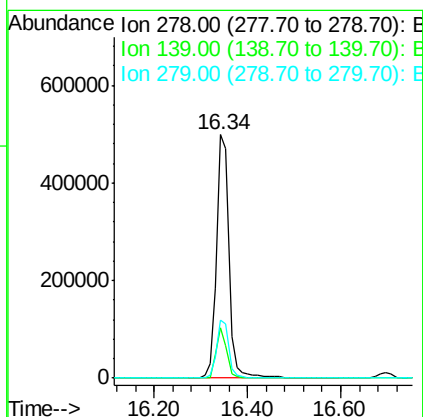
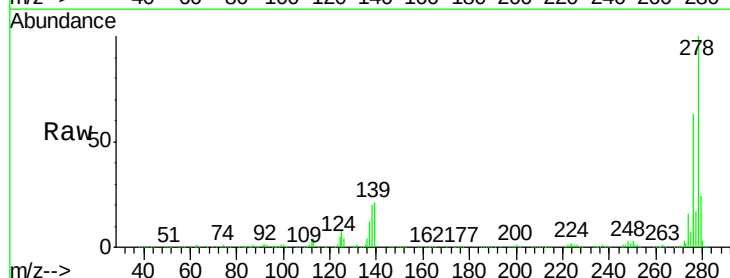
Instrument :
BNA_F
ClientSampled :

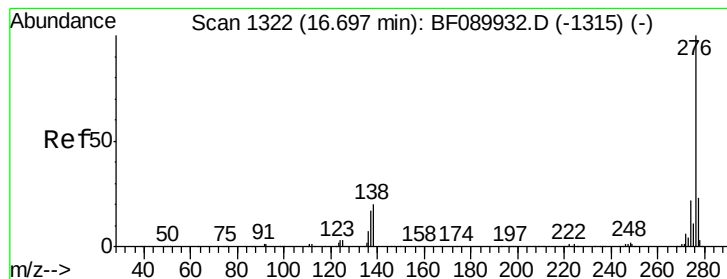
Tot Ion:252 Resp: 1045814
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.0 6.3 9.5



#90
Dibenzo(a,h)anthracene
Concen: 53.40 ng
RT: 16.34 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

Tgt Ion:278 Resp: 931719
Ion Ratio Lower Upper
278 100
139 20.6 13.4 20.2#
279 23.8 19.4 29.2

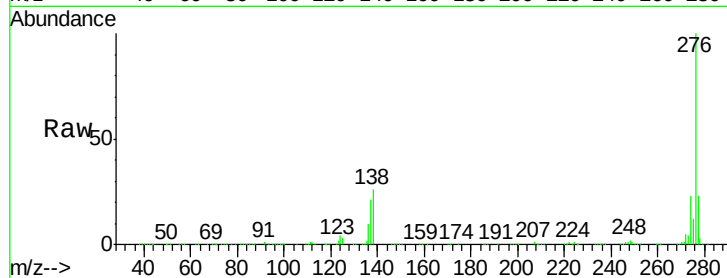




#91
 Benzo(a,h,i)perylene
 Concen: 51.50 ng
 RT: 16.70 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	26.0	16.4	24.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

