

Data Path : Z:\HPCHEM1\BNA F\Data\BF091216\
 Data File : BF090056.D
 Acq On : 12 Sep 2016 11:41
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 12 15:29:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 08 16:07:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	220475	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	887083	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	445462	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	890200	20.00	ng	-0.02
75) Chrysene-d12	13.69	240	624448	20.00	ng	-0.03
86) Perylene-d12	15.03	264	587153	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1058998	76.88	ng	-0.02
7) Phenol-d6	6.23	99	1231012	73.55	ng	-0.02
23) Nitrobenzene-d5	7.15	82	1126805	73.67	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	373564	85.00	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	2014477	74.23	ng	-0.02
78) Terphenyl-d14	12.66	244	1943461	76.88	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.00	88	259152	39.71	ng	93
3) Pyridine	2.62	79	634063	36.42	ng	99
4) n-Nitrosodimethylamine	2.58	42	303607	35.36	ng	95
6) Aniline	6.24	93	800107	35.04	ng	93
8) 2-Chlorophenol	6.36	128	604685	40.46	ng	99
9) Benzaldehyde	6.11	77	349095	32.33	ng	93
10) Phenol	6.24	94	644305	33.10	ng	83
11) bis(2-Chloroethyl)ether	6.33	93	574763	39.02	ng	85
12) 1,3-Dichlorobenzene	6.75	146	570889	34.21	ng	98
13) 1,4-Dichlorobenzene	6.59	146	663876	38.88	ng	97
14) 1,2-Dichlorobenzene	6.75	146	606942	39.65	ng	96
15) Benzyl Alcohol	6.73	79	386163	36.83	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.87	45	1065352	37.94	ng	86
17) 2-Methylphenol	6.86	107	452070	37.88	ng	99
18) Hexachloroethane	7.10	117	227031	38.82	ng	# 79
19) n-Nitroso-di-n-propylamine	7.02	70	394027	36.13	ng	95
20) 3+4-Methylphenols	7.02	107	559028	38.64	ng	# 72
22) Acetophenone	7.00	105	802134	40.31	ng	# 92
24) Nitrobenzene	7.18	77	599579	36.87	ng	# 73
25) Isophorone	7.42	82	1131252	36.37	ng	100
26) 2-Nitrophenol	7.48	139	316191	40.68	ng	99
27) 2,4-Dimethylphenol	7.54	122	545733	37.95	ng	97
28) bis(2-Chloroethoxy)methane	7.63	93	678297	36.16	ng	99
29) 2,4-Dichlorophenol	7.74	162	514340	39.90	ng	92
30) 1,2,4-Trichlorobenzene	7.82	180	560087	39.74	ng	100
31) Naphthalene	7.88	128	1548422	35.04	ng	100
32) Benzoic acid	7.70	122	434971	44.91	ng	96
33) 4-Chloroaniline	7.94	127	688397	38.61	ng	97
34) Hexachlorobutadiene	8.01	225	310474	37.59	ng	99
35) Caprolactam	8.33	113	147469	36.24	ng	98
36) 4-Chloro-3-methylphenol	8.43	107	531286	38.92	ng	# 81
37) 2-Methylnaphthalene	8.58	142	1120891	38.38	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	500278	38.34	ng	99
40) Hexachlorocyclopentadiene	8.73	237	276349	41.30	ng	95

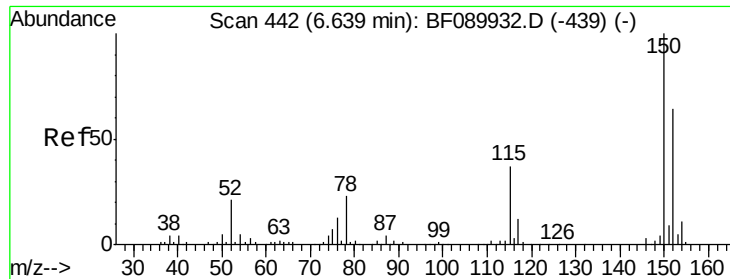
Data Path : Z:\HPCHEM1\BNA F\Data\BF091216\
 Data File : BF090056.D
 Acq On : 12 Sep 2016 11:41
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 12 15:29:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 08 16:07:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	358811	39.67	nq	99
43) 2,4,5-Trichlorophenol	8.90	196	395920	45.53	nq	# 91
45) 1,1'-Biphenyl	9.05	154	1413349	39.41	nq	95
46) 2-Chloronaphthalene	9.06	162	963241	37.97	nq	99
47) 2-Nitroaniline	9.16	65	332799	40.12	nq	# 86
48) Acenaphthylene	9.47	152	1601679	38.18	nq	100
49) Dimethylphthalate	9.36	163	1277387	39.67	nq	99
50) 2,6-Dinitrotoluene	9.42	165	315353	44.04	nq	# 74
51) Acenaphthene	9.64	154	1047523	39.41	nq	100
52) 3-Nitroaniline	9.58	138	317484	38.87	nq	93
53) 2,4-Dinitrophenol	9.68	184	163153	44.16	nq	89
54) Dibenzofuran	9.82	168	1337762	37.56	nq	99
55) 4-Nitrophenol	9.75	139	247271	40.14	nq	# 68
56) 2,4-Dinitrotoluene	9.82	165	350447	38.59	nq	# 88
57) Fluorene	10.16	166	1101592	42.32	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.90	232	309307	41.54	nq	90
59) Diethylphthalate	10.06	149	1169078	38.60	nq	94
60) 4-Chlorophenyl-phenylether	10.16	204	512367	41.83	nq	94
61) 4-Nitroaniline	10.19	138	340617	42.45	nq	99
62) Azobenzene	10.32	77	1117650	36.94	nq	82
64) 4,6-Dinitro-2-methylphenol	10.22	198	226473	39.74	nq	81
65) n-Nitrosodiphenylamine	10.27	169	969437	36.22	nq	98
66) 4-Bromophenyl-phenylether	10.64	248	349299	38.98	nq	98
67) Hexachlorobenzene	10.70	284	366095	35.76	nq	97
68) Atrazine	10.81	200	331692	37.13	nq	97
69) Pentachlorophenol	10.89	266	237257	43.08	nq	99
70) Phenanthrene	11.11	178	1674904	37.78	nq	99
71) Anthracene	11.15	178	1679352	37.35	nq	100
72) Carbazole	11.31	167	1630045	38.66	nq	99
73) Di-n-butylphthalate	11.67	149	1833302	37.31	nq	# 98
74) Fluoranthene	12.28	202	1739039	37.43	nq	97
76) Benzidine	12.41	184	920146	38.90	nq	96
77) Pyrene	12.50	202	1634987	37.14	nq	99
79) Butylbenzylphthalate	13.14	149	769218	43.32	nq	95
80) Benzo(a)anthracene	13.68	228	1512658	39.55	nq	99
81) 3,3'-Dichlorobenzidine	13.66	252	606998	43.97	nq	99
82) Chrysene	13.73	228	1528026	42.77	nq	99
83) Bis(2-ethylhexyl)phthalate	13.70	149	927079	37.75	nq	# 94
84) Di-n-octyl phthalate	14.31	149	1708343	43.10	nq	99
85) Indeno(1,2,3-cd)pyrene	16.23	276	1084946	41.08	nq	98
87) Benzo(b)fluoranthene	14.67	252	2628427	71.46	nq	# 97
88) Benzo(k)fluoranthene	14.67	252	2629151	84.23	nq	98
89) Benzo(a)pyrene	14.98	252	1234167	39.16	nq	99
90) Dibenzo(a,h)anthracene	16.25	278	887658	38.44	nq	98
91) Benzo(g,h,i)perylene	16.59	276	887581	38.19	nq	98

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

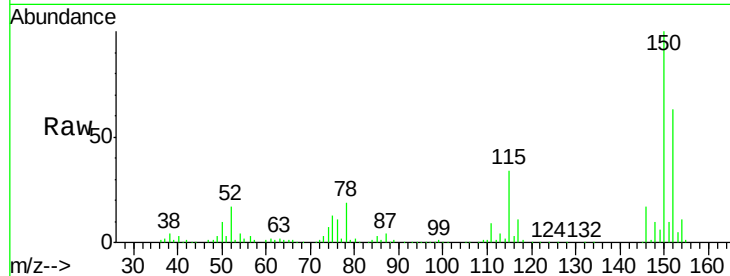


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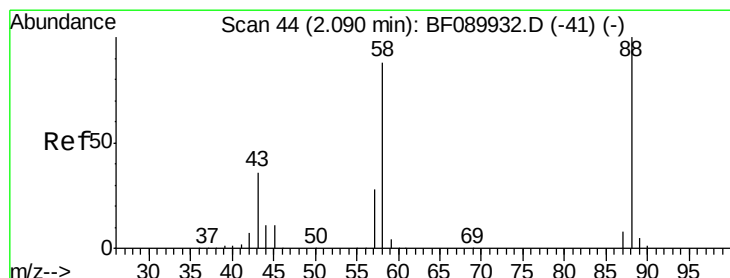
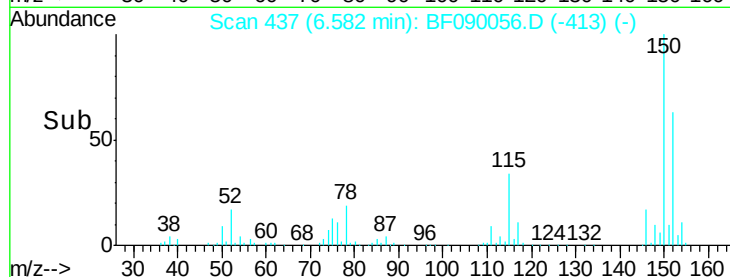
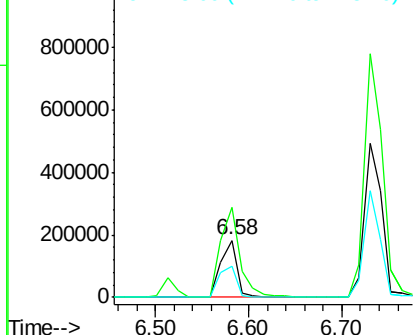
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 220475
Ion Ratio Lower Upper
152 100
150 158.1 127.4 191.2
115 53.6 46.3 69.5



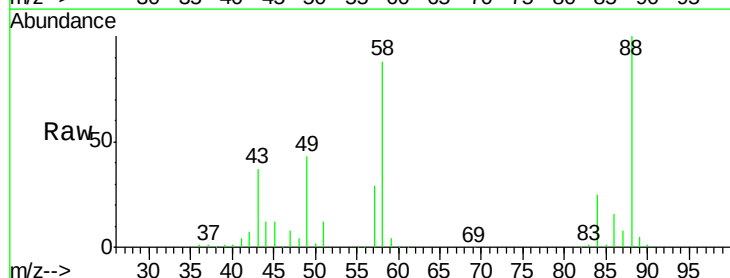
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



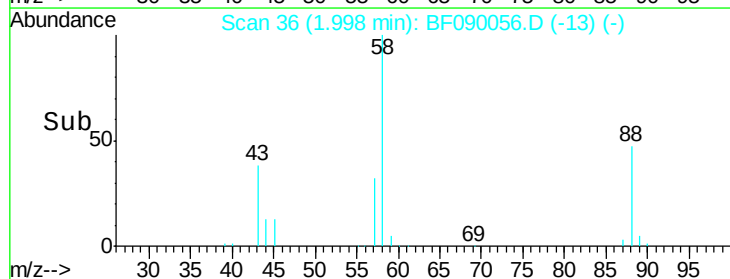
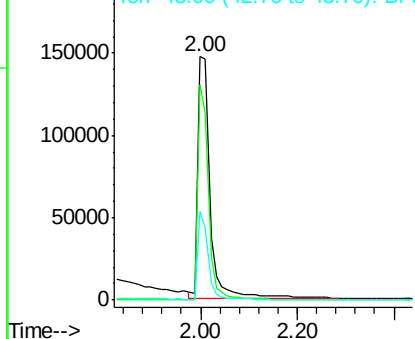
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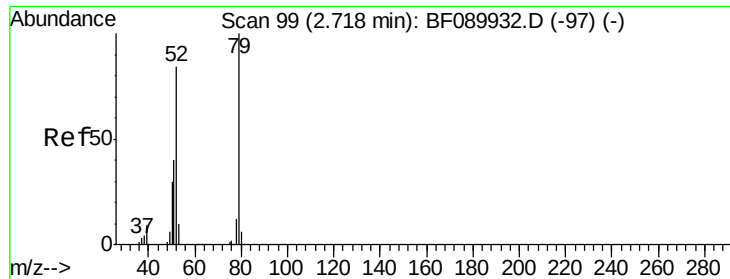
1,4-Dioxane
Concen: 39.71 ng
RT: 2.00 min Scan# 36
Delta R.T. -0.03 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

Tgt Ion: 88 Resp: 259152
Ion Ratio Lower Upper
88 100
58 78.8 68.8 103.2
43 30.4 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

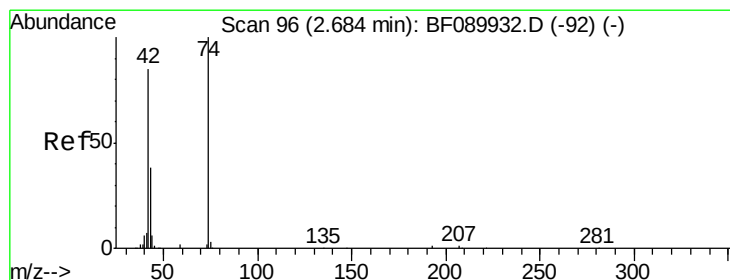
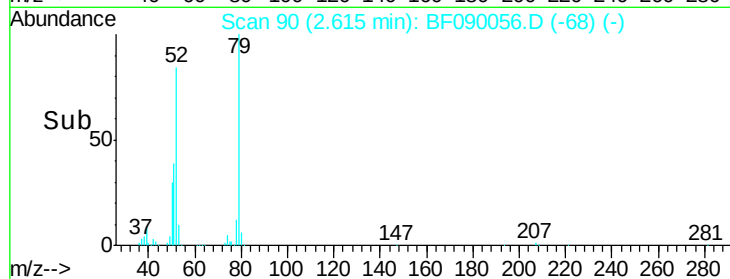
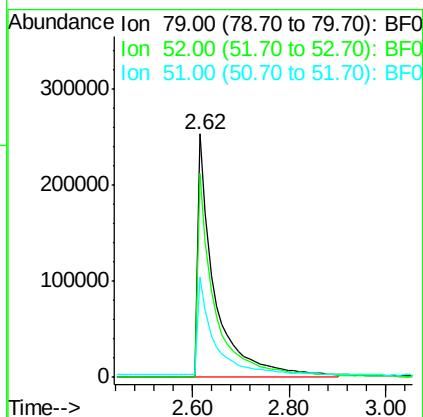
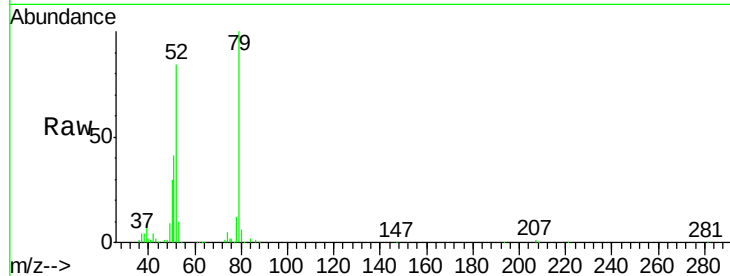




#3
 Pvridine
 Concen: 36.42 ng
 RT: 2.62 min Scan# 90
 Delta R.T. -0.05 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

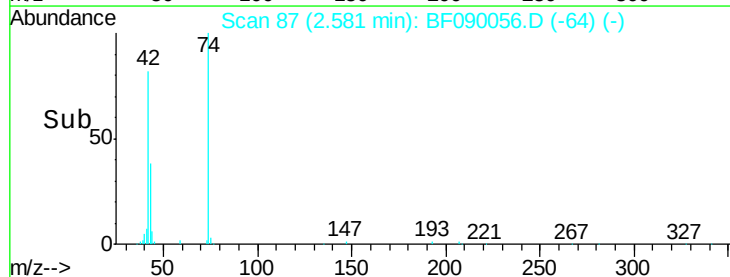
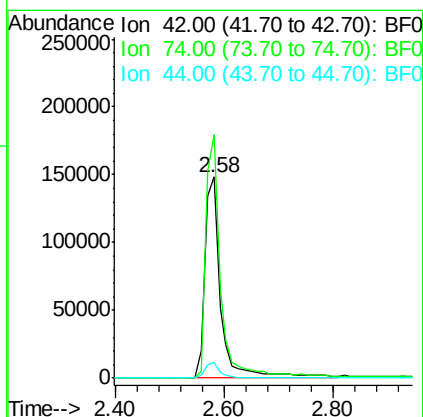
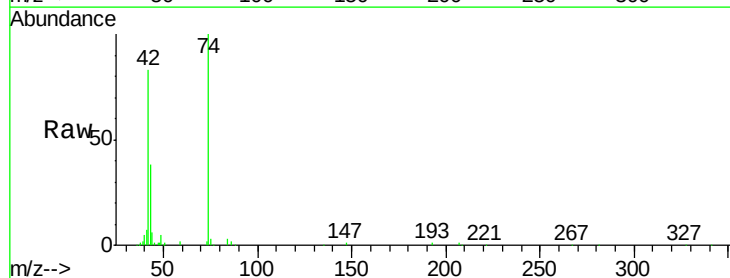
Instrument :
 BNA_F
 ClientSampleId :

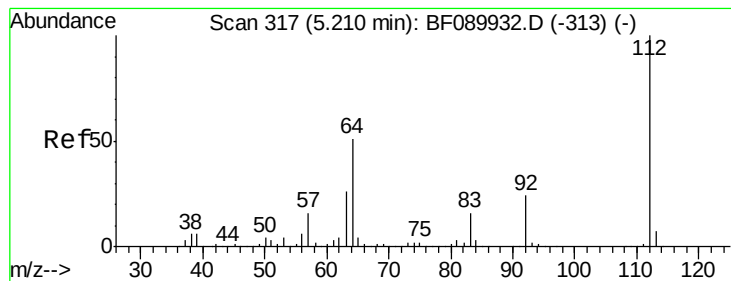
Tot Ion: 79 Resp: 634063
 Ion Ratio Lower Upper
 79 100
 52 83.6 67.8 101.6
 51 41.1 32.9 49.3



#4
 n-Nitrosodimethylamine
 Concen: 35.36 ng
 RT: 2.58 min Scan# 87
 Delta R.T. -0.03 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

Tgt Ion: 42 Resp: 303607
 Ion Ratio Lower Upper
 42 100
 74 121.0 92.0 138.0
 44 7.6 5.8 8.8

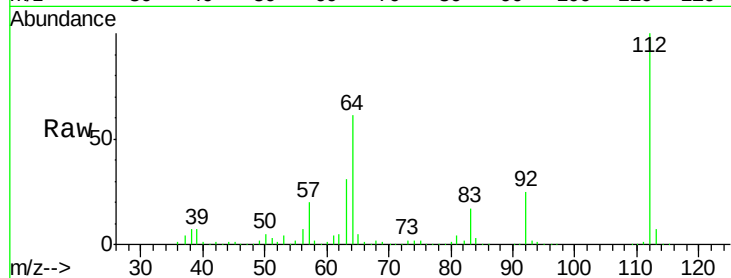




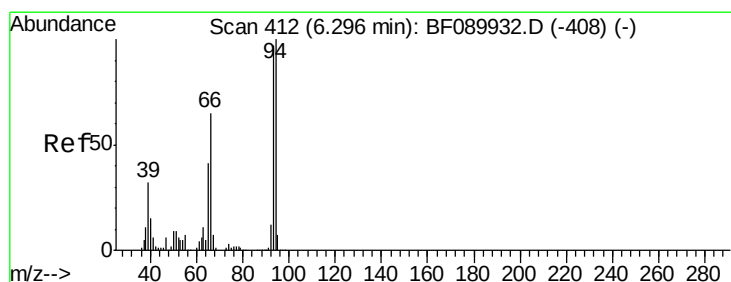
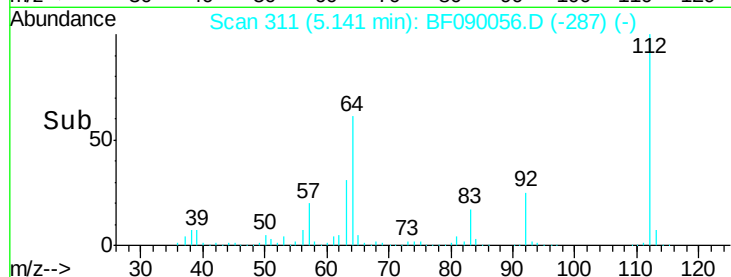
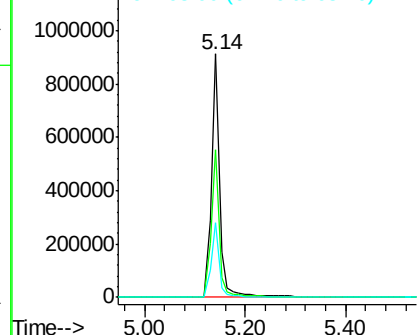
#5
 2-Fluorophenol
 Concen: 76.88 ng
 RT: 5.14 min Scan# 311
 Delta R.T. -0.02 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 112 Resp: 1058998
 Ion Ratio Lower Upper
 112 100
 64 60.5 41.1 61.7
 63 30.7 21.2 31.8

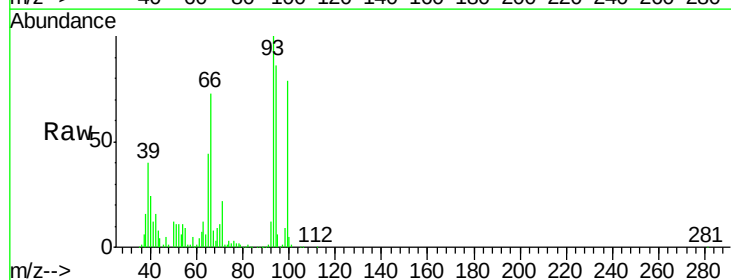


Abundance Ion 112.00 (111.70 to 112.70): BF0
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

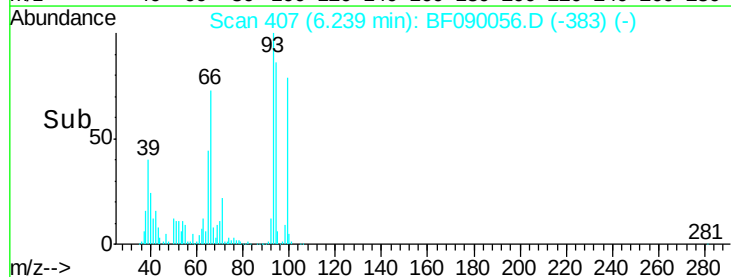
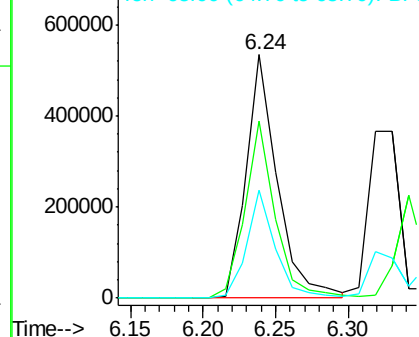


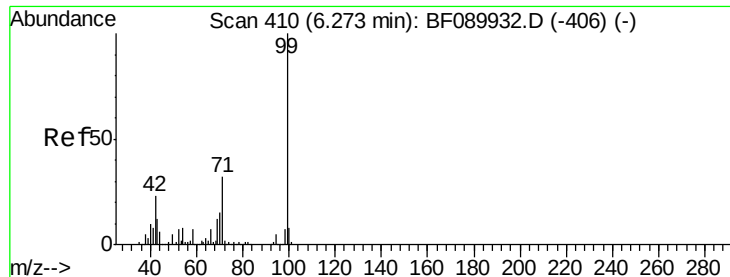
#6
 Aniline
 Concen: 35.04 ng
 RT: 6.24 min Scan# 407
 Delta R.T. -0.02 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

Tgt Ion: 93 Resp: 800107
 Ion Ratio Lower Upper
 93 100
 66 72.7 52.9 79.3
 65 44.3 33.0 49.6



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 66.00 (65.70 to 66.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 73.55 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampled :

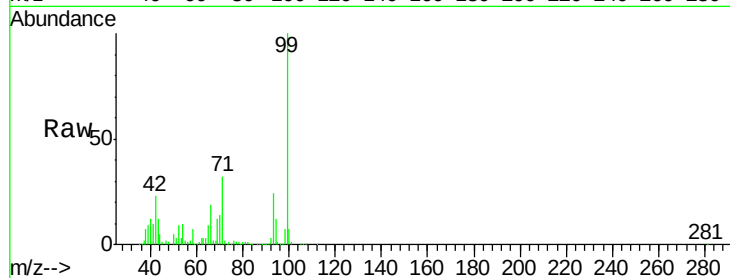
Tot Ion: 99 Resp: 1231012

Ion Ratio Lower Upper

99 100

42 23.3 18.6 27.8

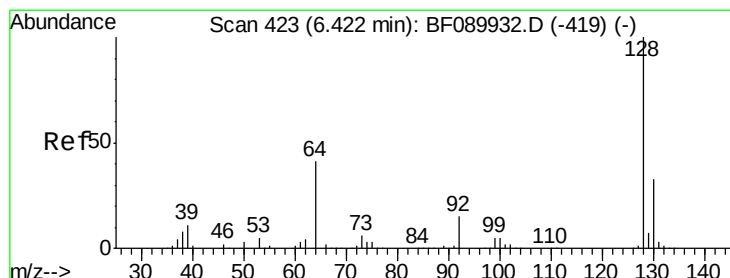
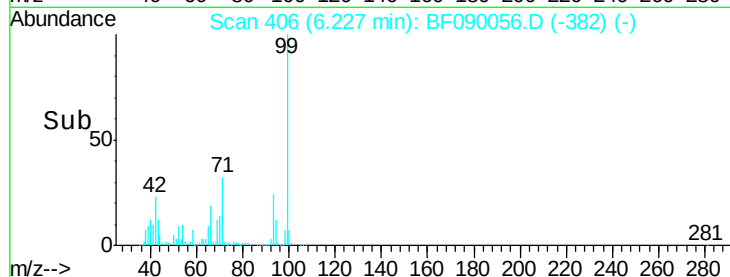
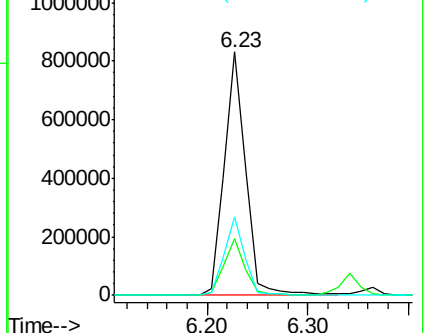
71 32.1 25.8 38.6



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: 40.46 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

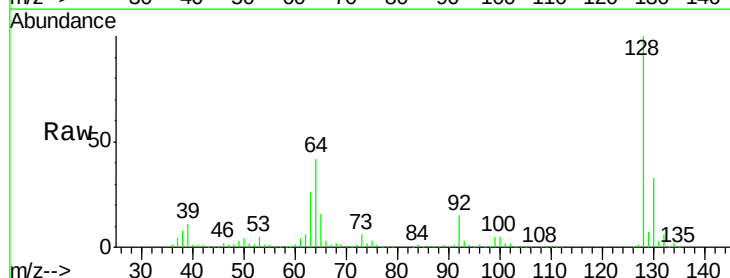
Tgt Ion: 128 Resp: 604685

Ion Ratio Lower Upper

128 100

130 32.9 12.8 52.8

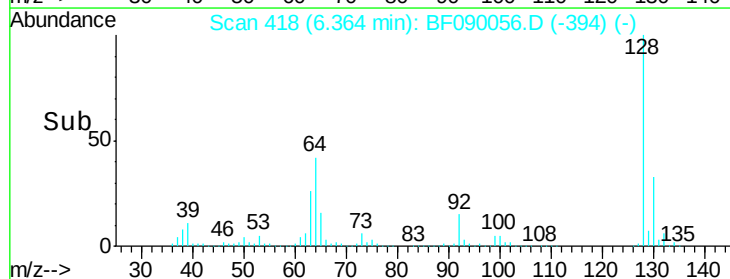
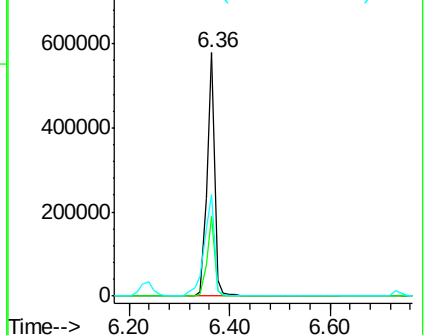
64 41.6 23.2 63.2

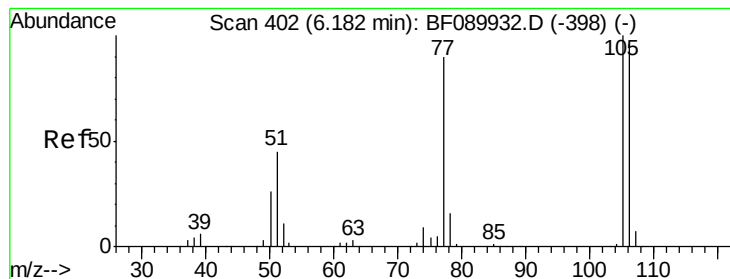


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 32.33 ng

RT: 6.11 min Scan# 396

Delta R.T. -0.02 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleId :

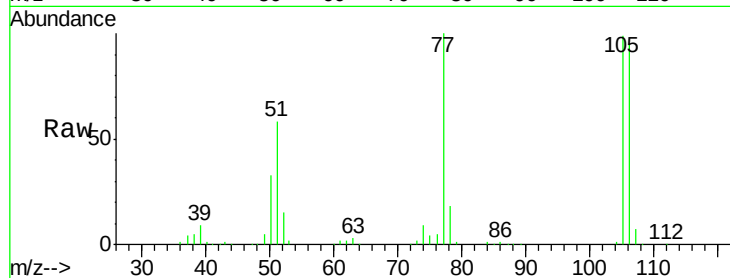
Tot Ion: 77 Resp: 349095

Ion Ratio Lower Upper

77 100

105 98.7 85.4 125.4

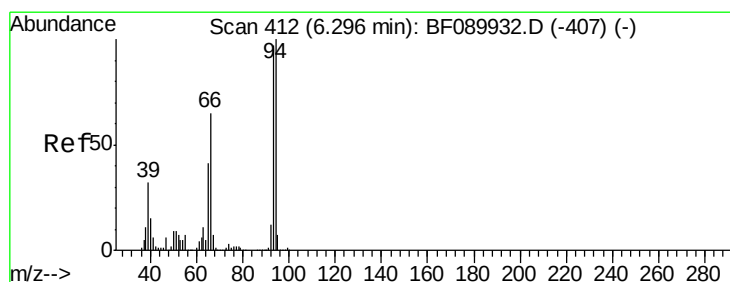
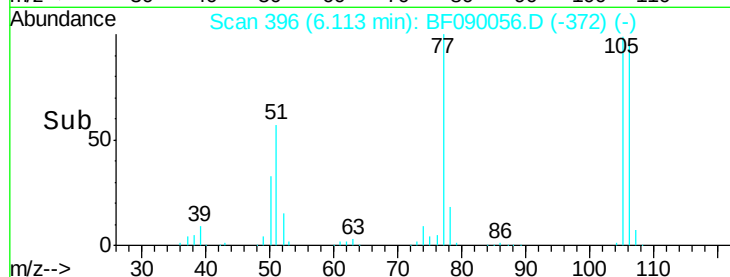
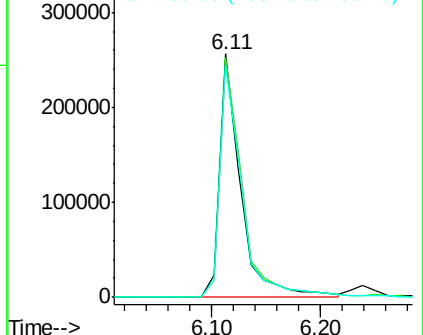
106 95.1 83.4 123.4



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: 33.10 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.02 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

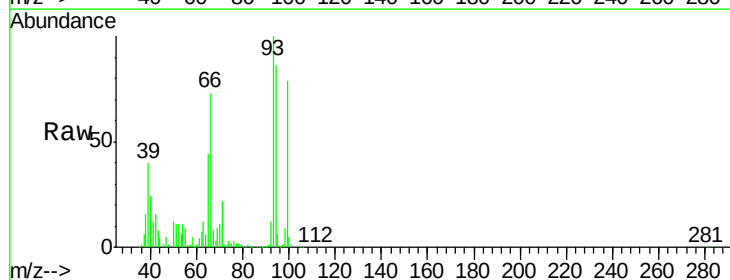
Tgt Ion: 94 Resp: 644305

Ion Ratio Lower Upper

94 100

65 51.5 23.2 63.2

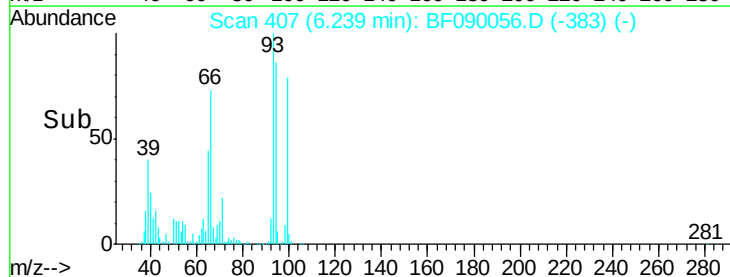
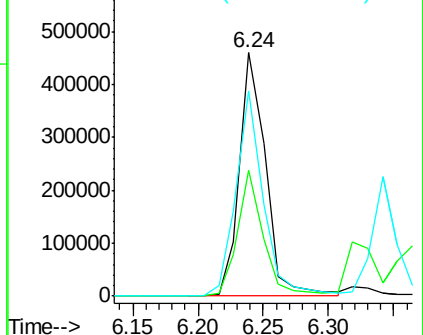
66 84.4 49.2 89.2

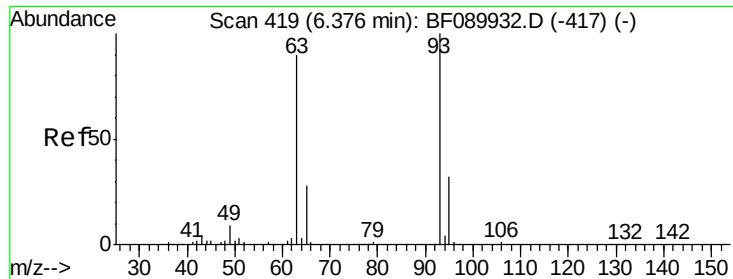


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

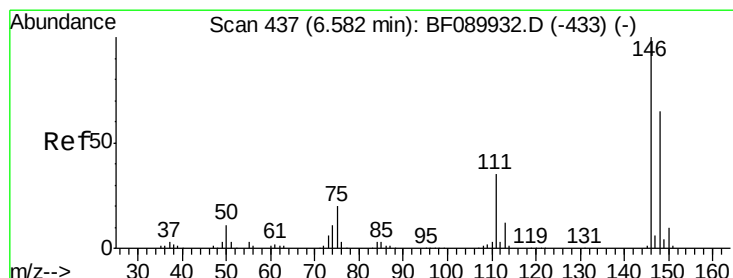
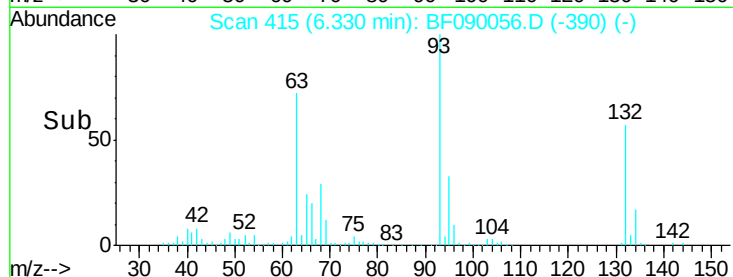
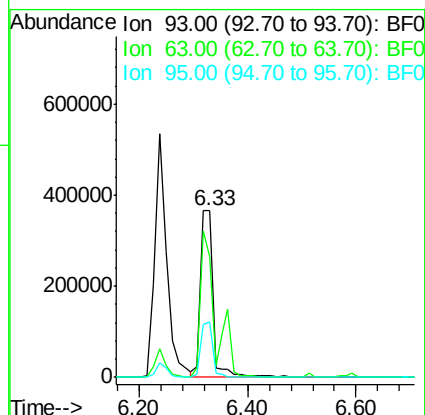
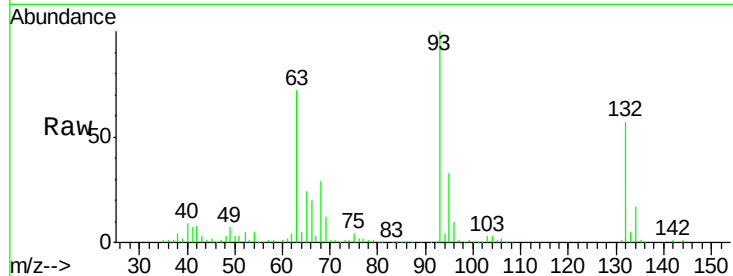




#11
bis(2-Chloroethyl)ether
Concen: 39.02 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

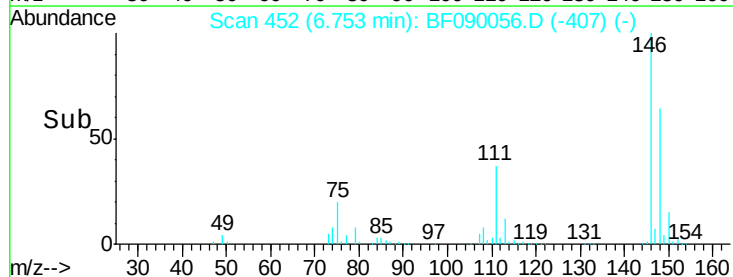
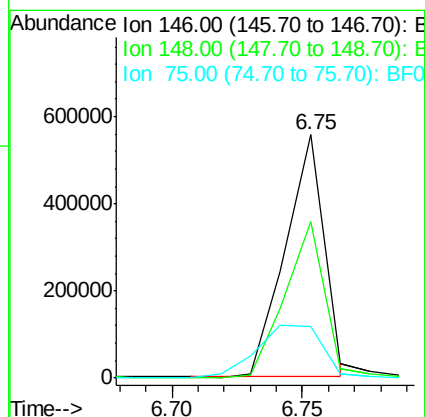
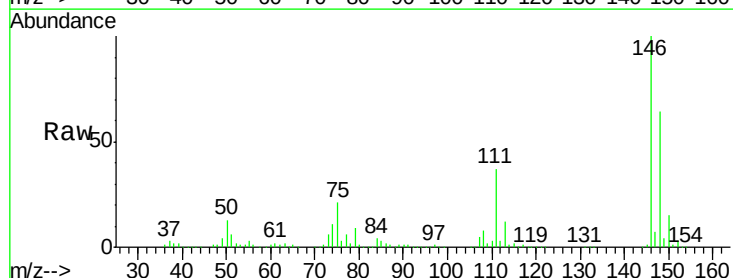
Instrument :
BNA_F
ClientSampleId :

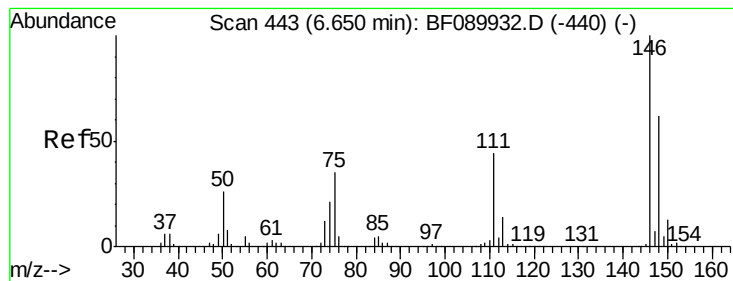
Tot Ion: 93 Resp: 574763
Ion Ratio Lower Upper
93 100
63 72.5 71.1 111.1
95 33.3 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 34.21 ng
RT: 6.75 min Scan# 452
Delta R.T. 0.22 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

Tgt Ion: 146 Resp: 570889
Ion Ratio Lower Upper
146 100
148 64.3 52.5 78.7
75 21.2 16.6 24.8





#13

1,4-Dichlorobenzene

Concen: 38.88 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.02 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampled :

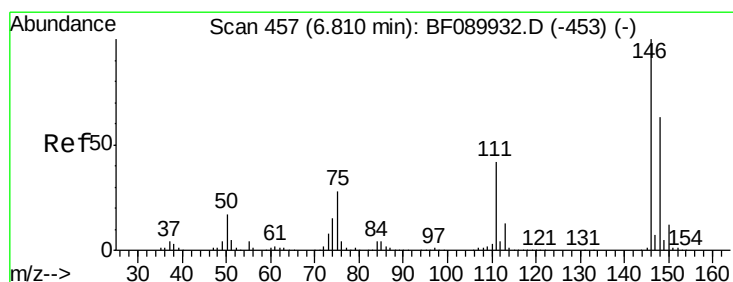
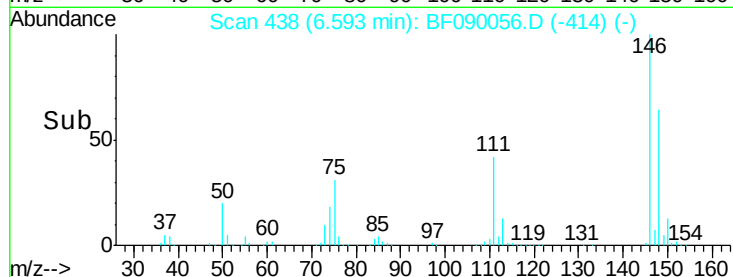
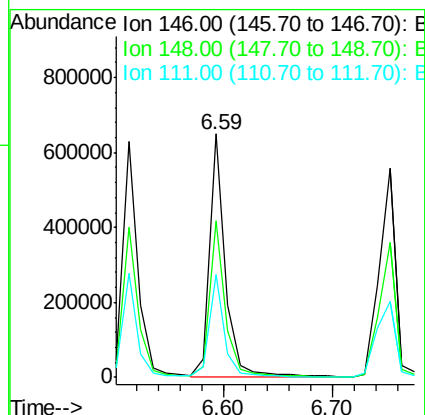
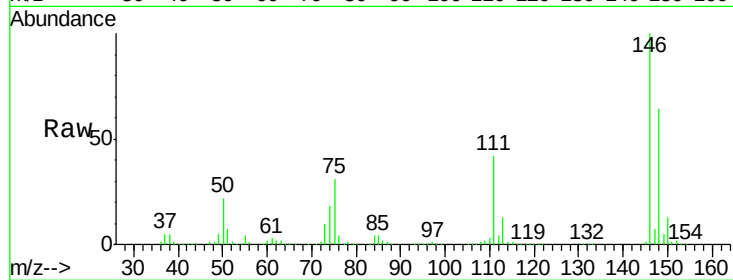
Tot Ion:146 Resp: 663876

Ion Ratio Lower Upper

146 100

148 64.1 50.1 75.1

111 42.1 35.8 53.6



#14

1,2-Dichlorobenzene

Concen: 39.65 ng

RT: 6.75 min Scan# 452

Delta R.T. -0.02 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

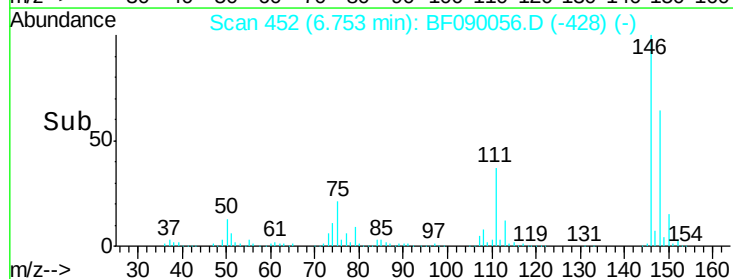
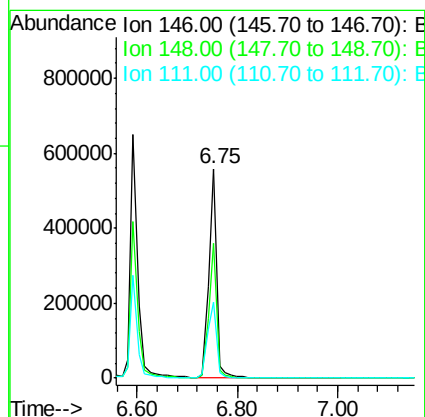
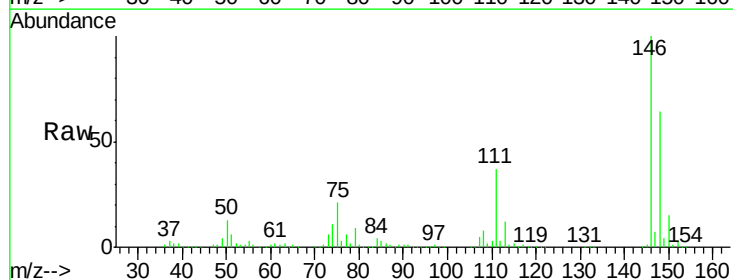
Tgt Ion:146 Resp: 606942

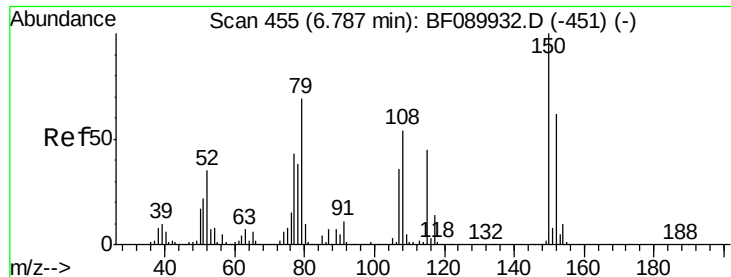
Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.2

111 36.6 34.6 51.8





#15

Benzyl Alcohol

Concen: 36.83 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleId :

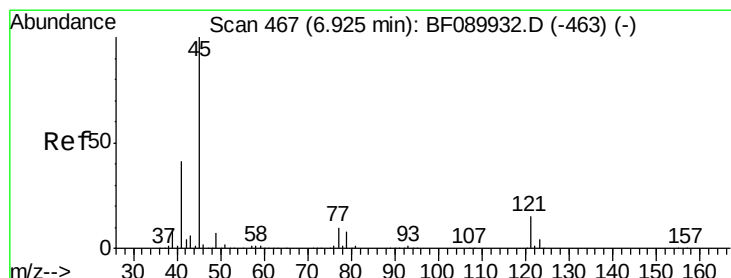
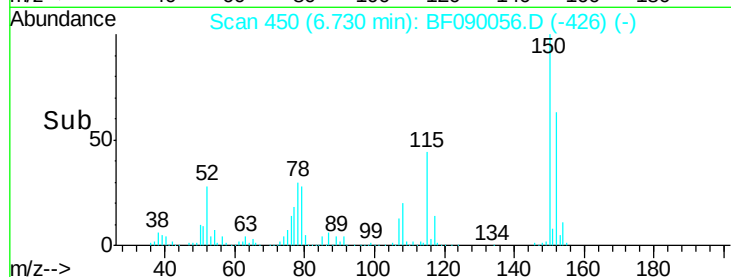
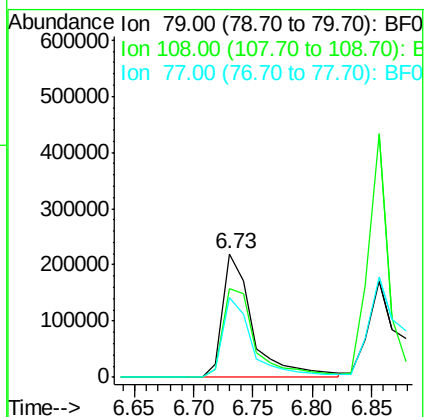
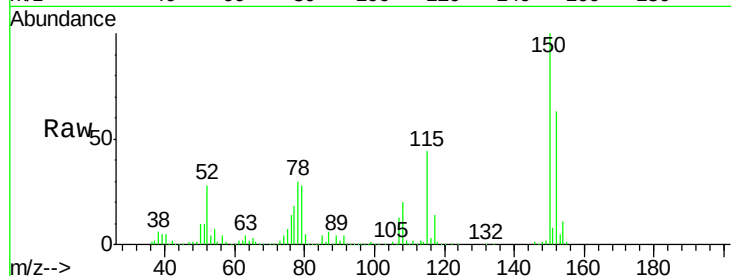
Tot Ion: 79 Resp: 386163

Ion Ratio Lower Upper

79 100

108 71.9 62.1 93.1

77 64.5 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.94 ng

RT: 6.87 min Scan# 462

Delta R.T. -0.02 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

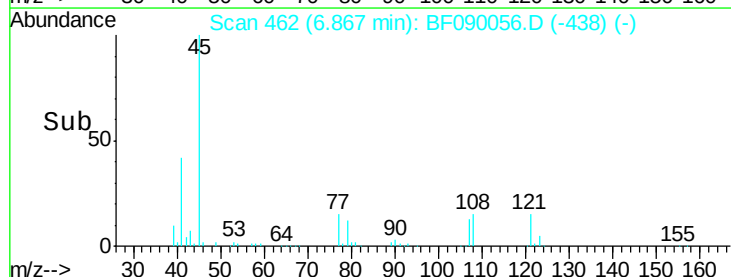
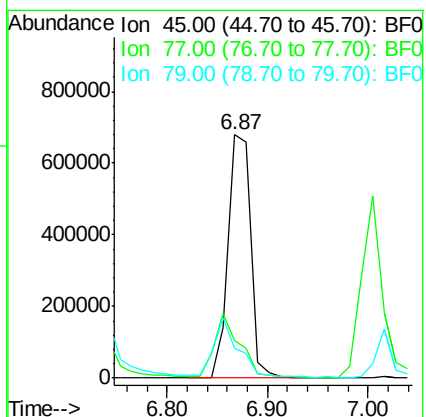
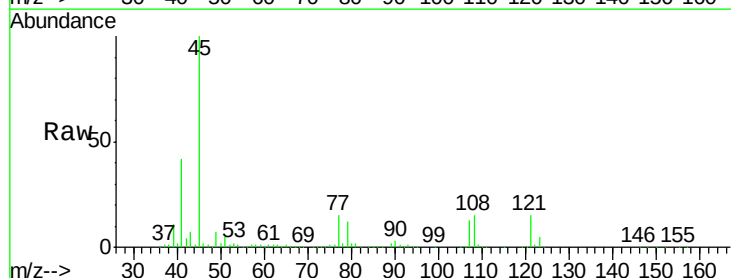
Tgt Ion: 45 Resp: 1065352

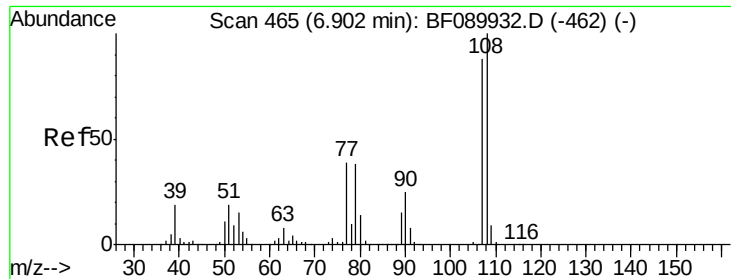
Ion Ratio Lower Upper

45 100

77 15.3 0.0 30.3

79 12.5 0.0 27.5





#17

2-Methylphenol

Concen: 37.88 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.02 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 452070

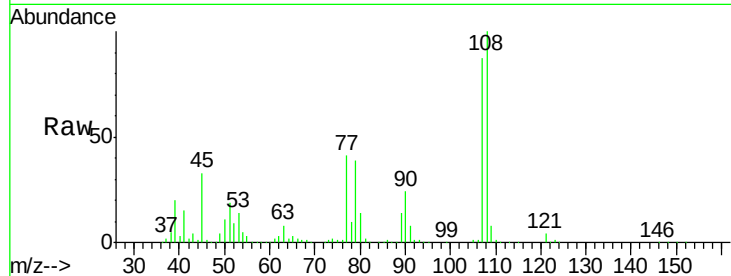
Ion Ratio Lower Upper

107 100

108 114.8 91.8 137.6

77 47.4 36.0 54.0

79 45.2 35.9 53.9

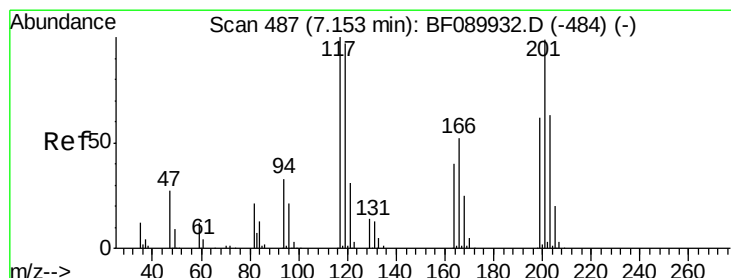
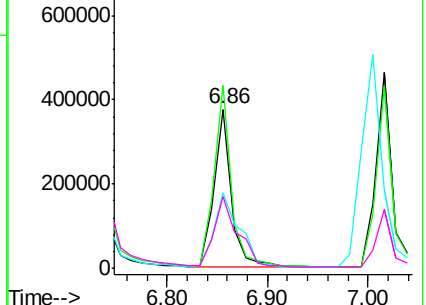
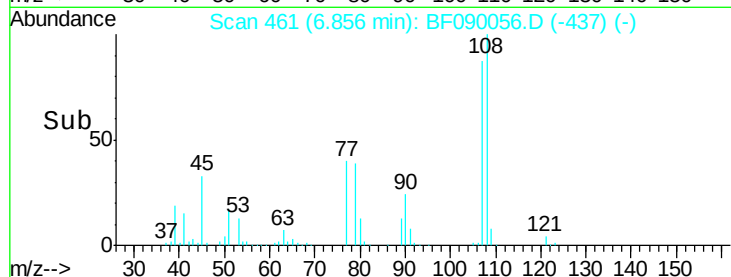


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.82 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.02 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

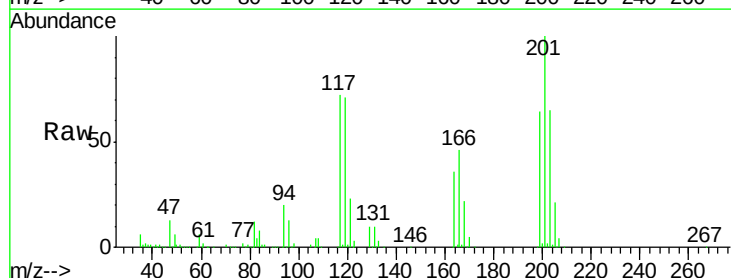
Tgt Ion:117 Resp: 227031

Ion Ratio Lower Upper

117 100

119 98.7 76.2 114.2

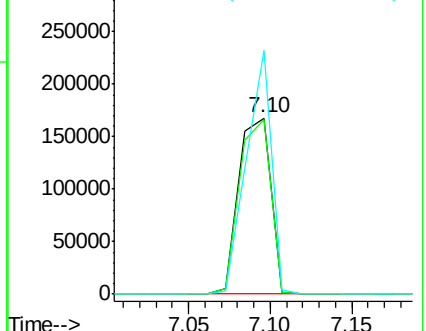
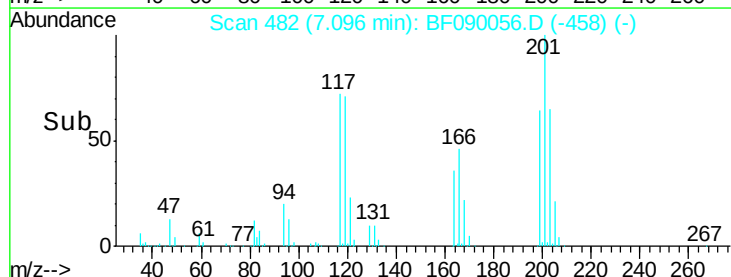
201 138.2 80.2 120.2#

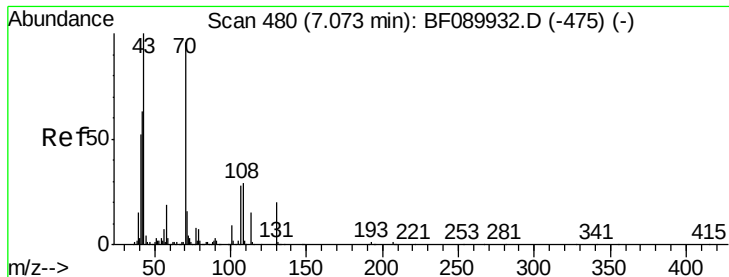


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

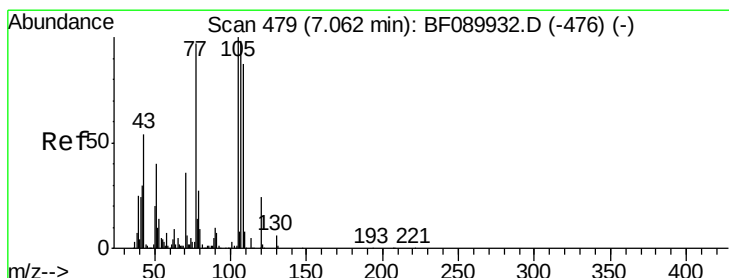
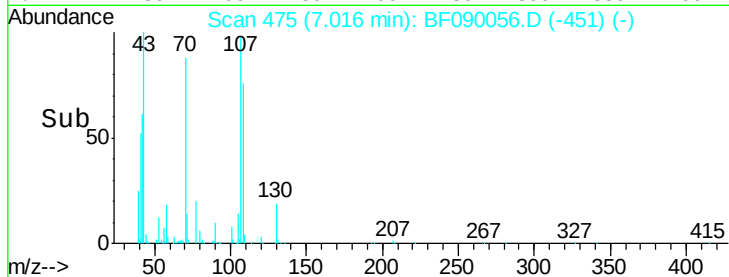
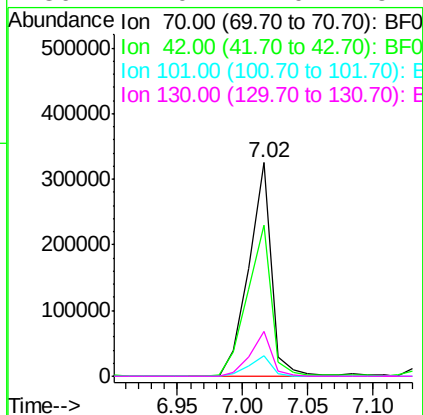
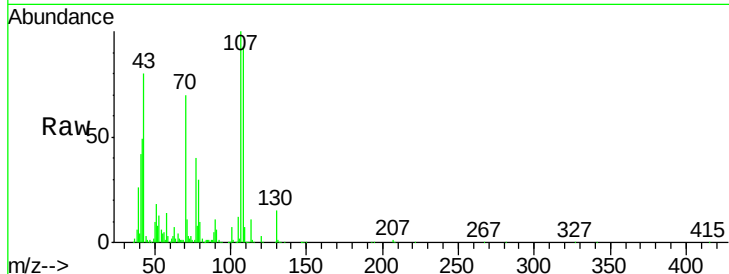




#19
n-Nitroso-di-n-propylamine
Concen: 36.13 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

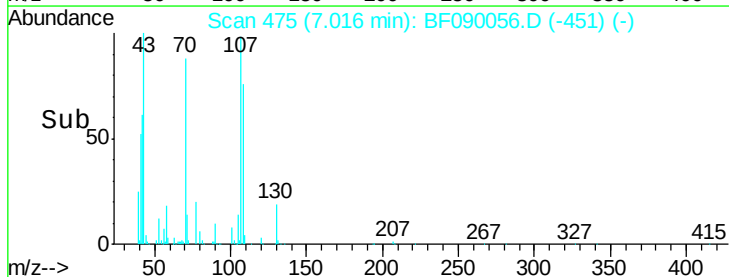
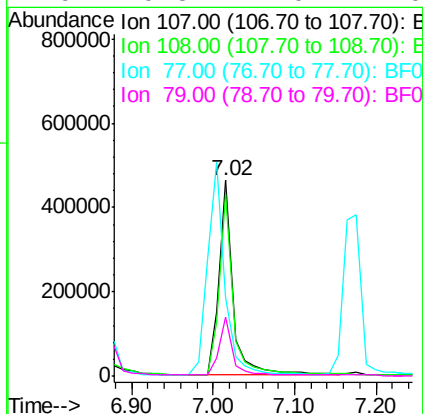
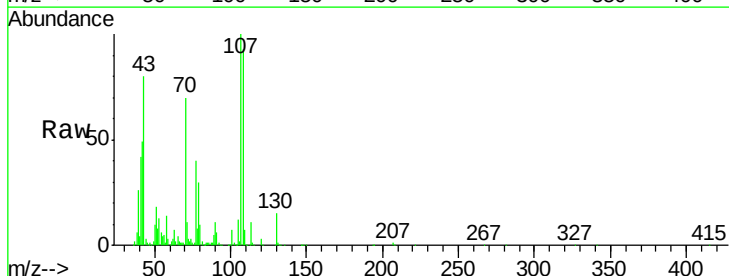
Instrument :
BNA_F
ClientSampled :

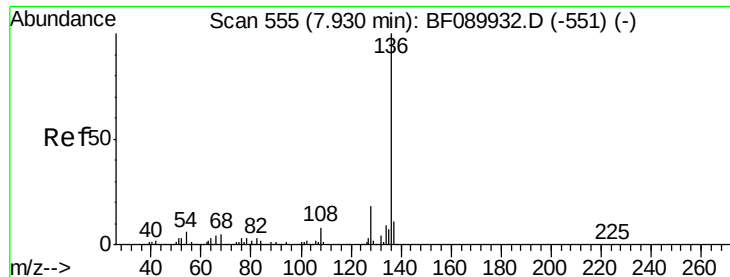
Tot Ion	Ratio	Lower	Upper
70	100		
42	70.6	52.1	78.1
101	9.6	7.4	11.2
130	21.0	17.0	25.4



#20
3+4-Methylphenols
Concen: 38.64 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.8	70.2	110.2
77	39.8	75.7	115.7#
79	29.8	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF090056.D

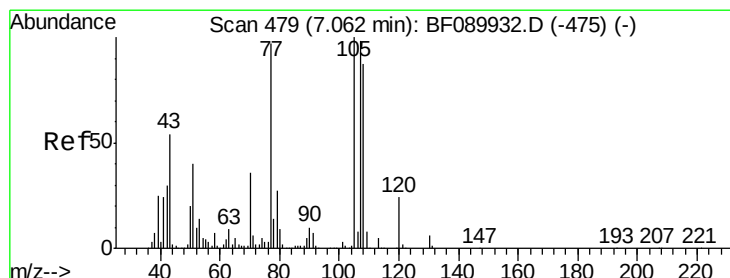
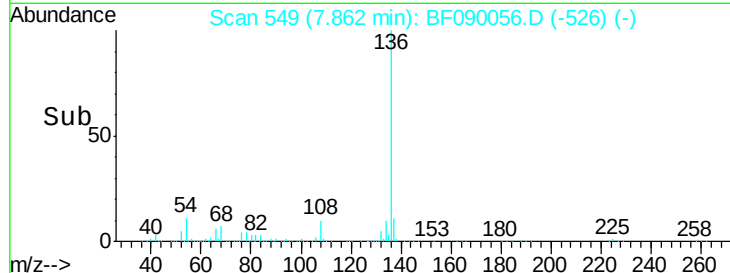
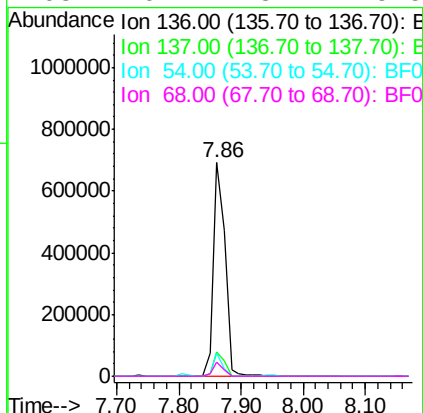
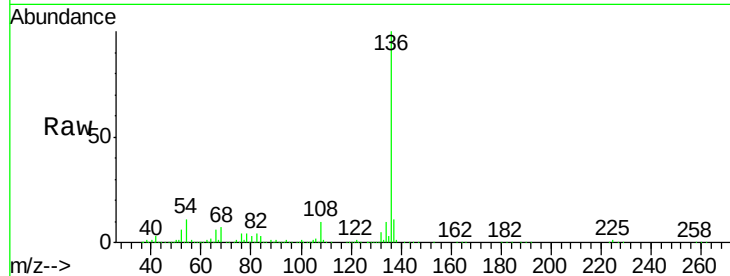
Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	136	Resp:	887083
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.3	12.5
54	10.8	4.8	7.2#
68	6.7	3.7	5.5#



#22

Acetophenone

Concen: 40.31 ng

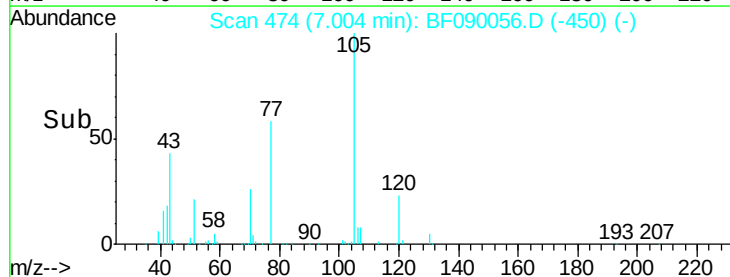
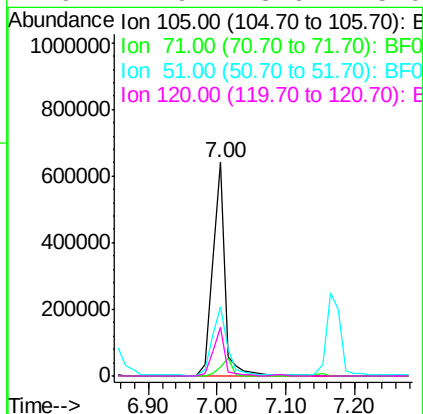
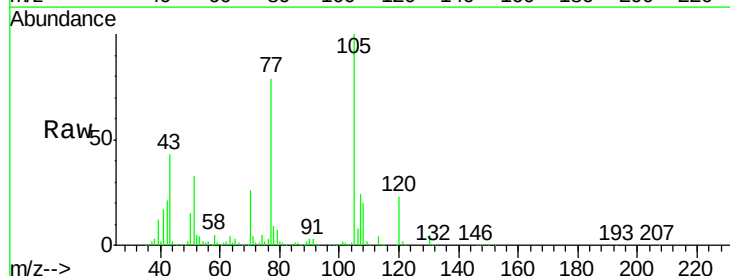
RT: 7.00 min Scan# 474

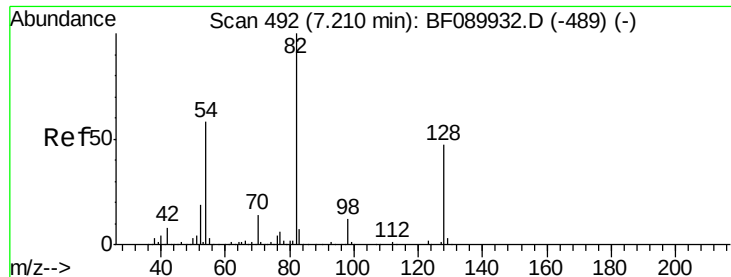
Delta R.T. -0.02 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Tgt Ion:	105	Resp:	802134
Ion	Ratio	Lower	Upper
105	100		
71	4.2	5.3	7.9#
51	32.6	32.6	48.8#
120	22.9	18.6	28.0

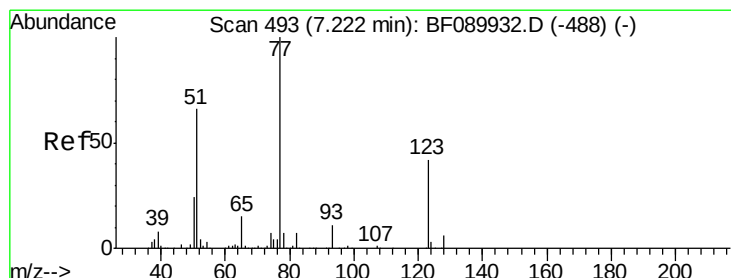
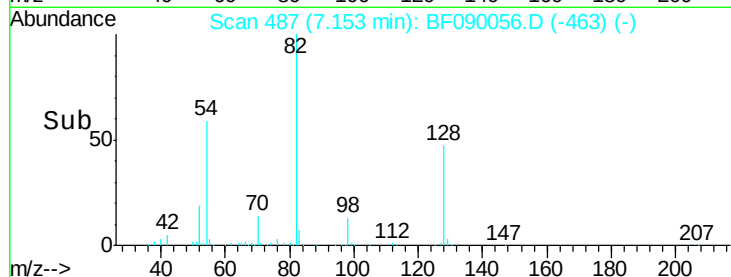
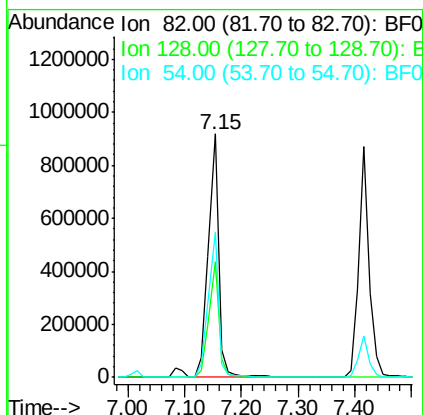
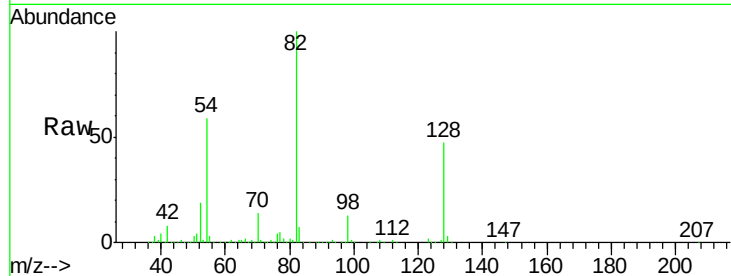




#23
 Nitrobenzene-d5
 Concen: 73.67 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

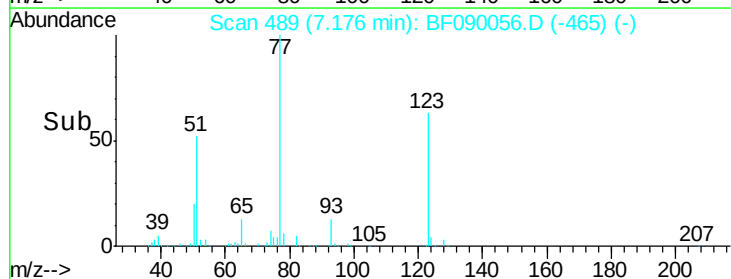
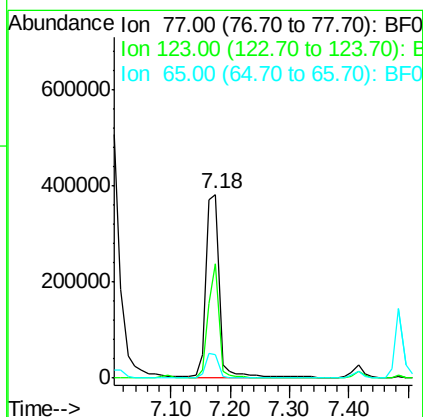
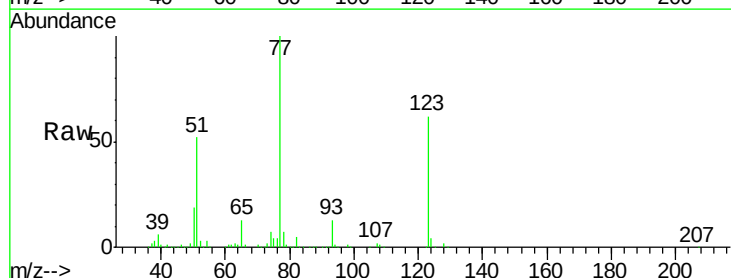
Instrument :
 BNA_F
 ClientSampleId :

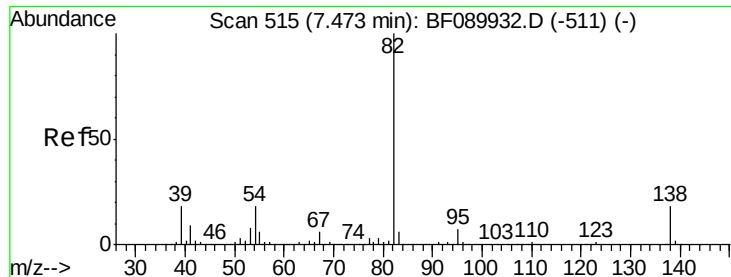
Tot Ion: 82 Resp: 1126805
 Ion Ratio Lower Upper
 82 100
 128 47.2 37.8 56.8
 54 59.4 46.9 70.3



#24
 Nitrobenzene
 Concen: 36.87 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.02 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

Tgt Ion: 77 Resp: 599579
 Ion Ratio Lower Upper
 77 100
 123 62.3 32.0 48.0#
 65 12.9 11.2 16.8





#25

Isophorone

Concen: 36.37 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampled :

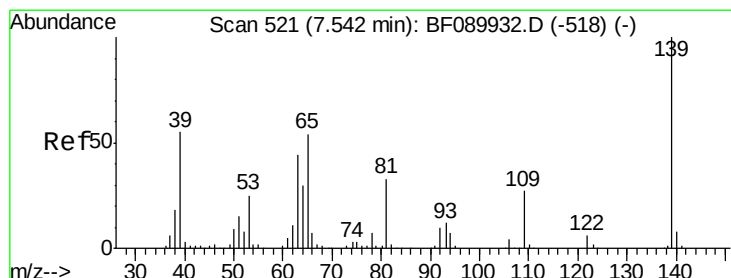
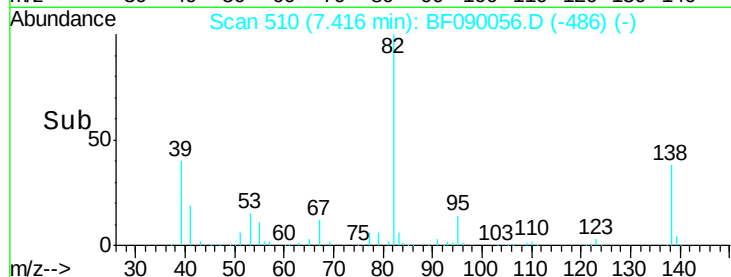
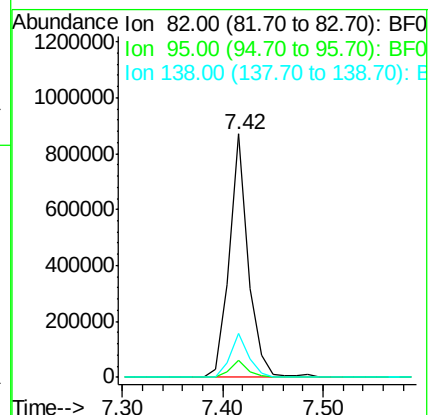
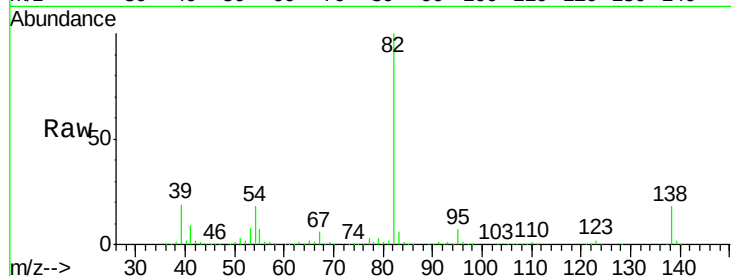
Tot Ion: 82 Resp: 1131252

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

138 18.0 14.4 21.6



#26

2-Nitrophenol

Concen: 40.68 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

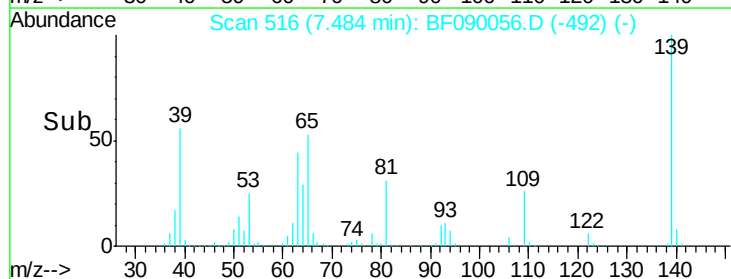
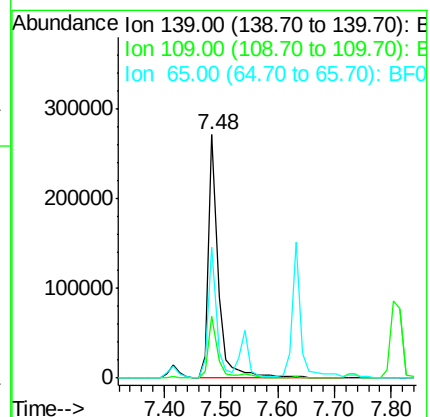
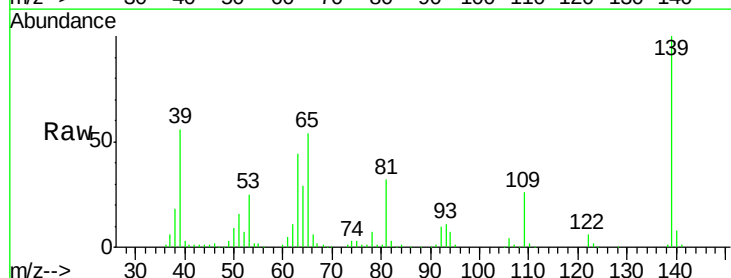
Tgt Ion: 139 Resp: 316191

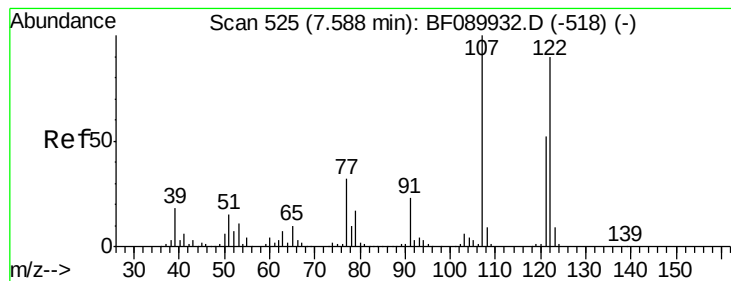
Ion Ratio Lower Upper

139 100

109 25.6 21.0 31.4

65 53.9 43.4 65.0

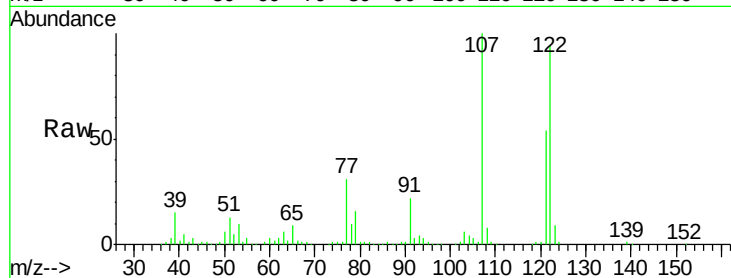




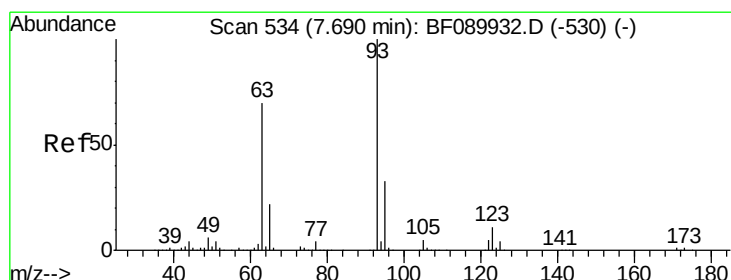
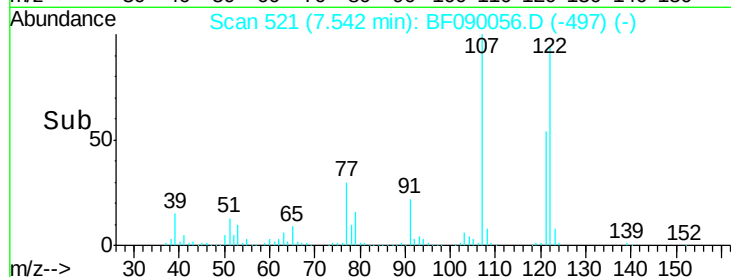
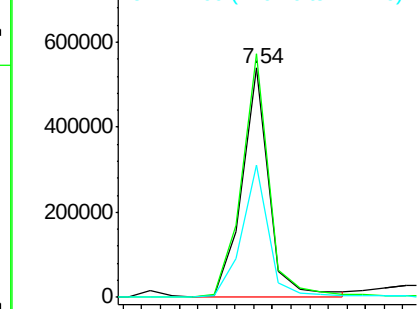
#27
 2,4-Dimethylphenol
 Concen: 37.95 ng
 RT: 7.54 min Scan# 521
 Delta R.T. -0.02 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 545733
 Ion Ratio Lower Upper
 122 100
 107 106.2 88.5 132.7
 121 57.5 46.0 69.0

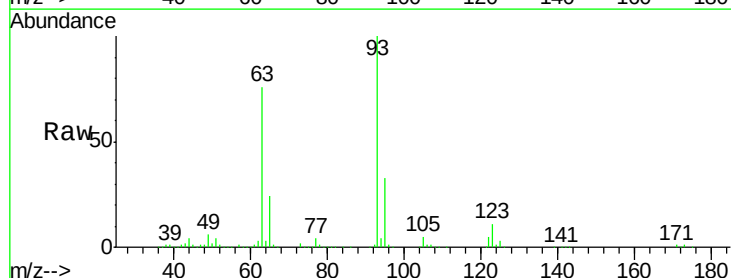


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

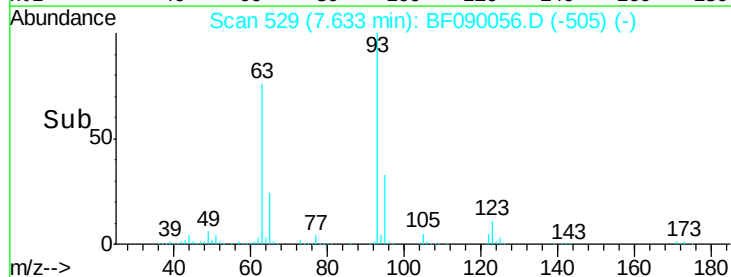
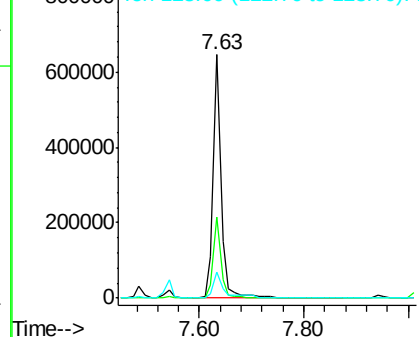


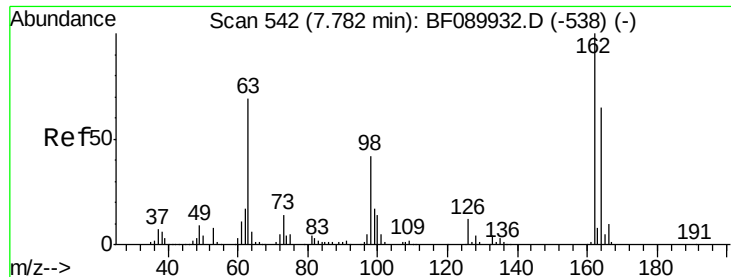
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.16 ng
 RT: 7.63 min Scan# 529
 Delta R.T. -0.02 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

Tgt Ion: 93 Resp: 678297
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.6 40.0
 123 10.8 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

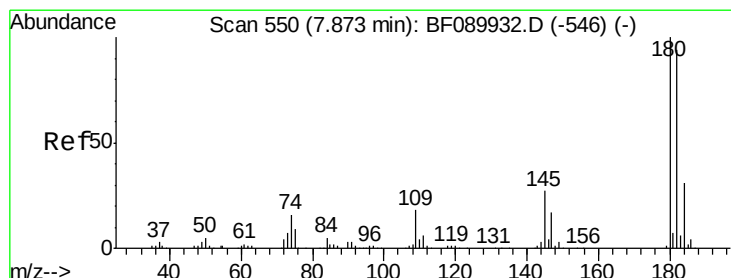
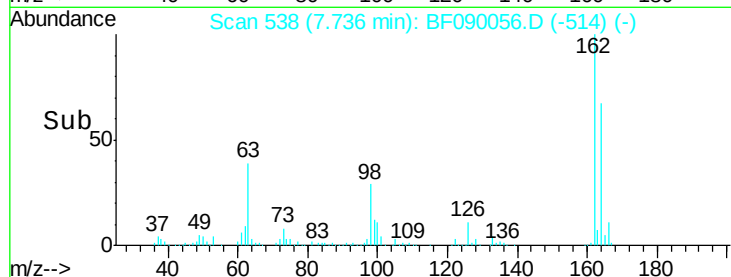
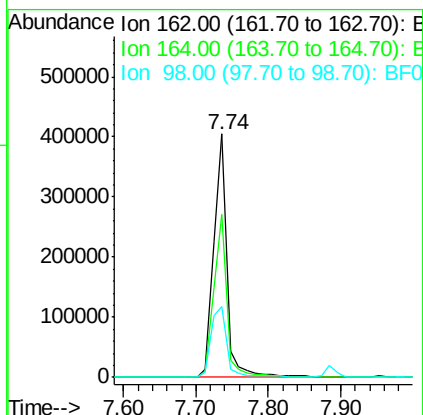
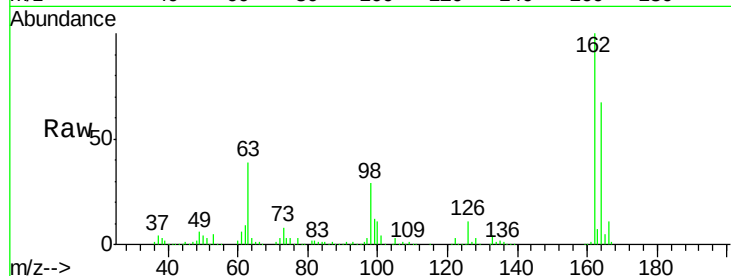




#29
 2,4-Dichlorophenol
 Concen: 39.90 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.02 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

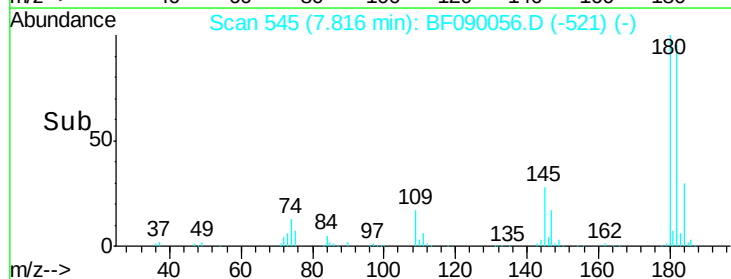
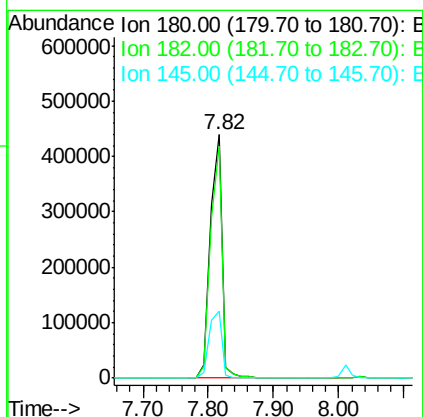
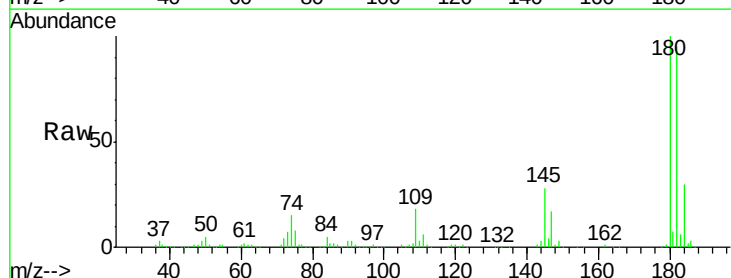
Instrument :
 BNA_F
 ClientSampleId :

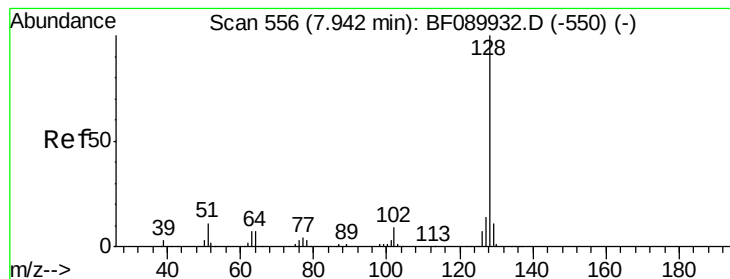
Tot Ion:162 Resp: 514340
 Ion Ratio Lower Upper
 162 100
 164 66.7 46.6 86.6
 98 29.3 22.0 62.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.74 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.02 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

Tgt Ion:180 Resp: 560087
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.2 114.2
 145 27.6 22.2 33.4





#31

Naphthalene

Concen: 35.04 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.02 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleId :

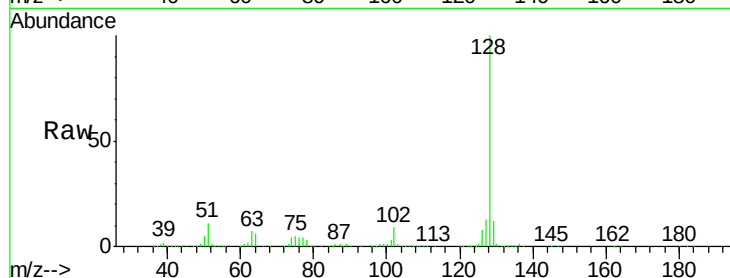
Tot Ion:128 Resp: 1548422

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.0

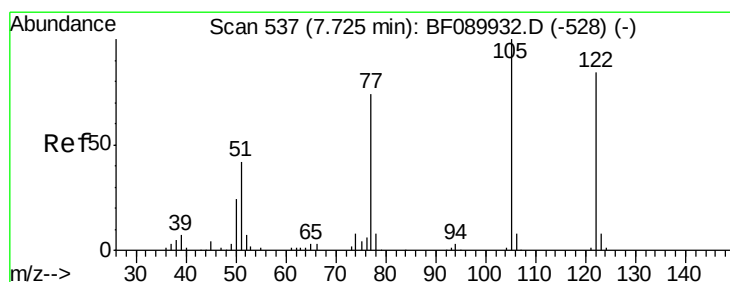
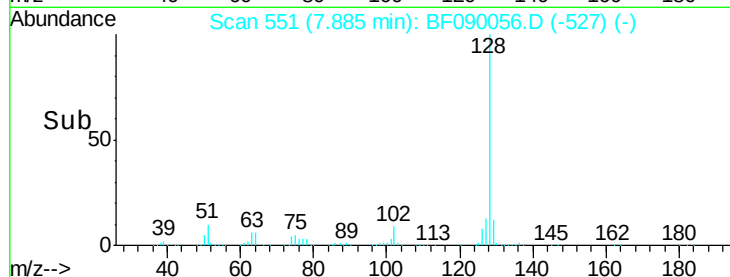
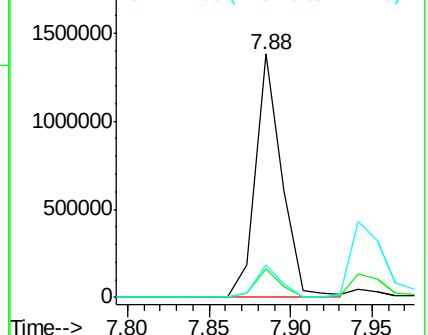
127 13.4 10.7 16.1



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: 44.91 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

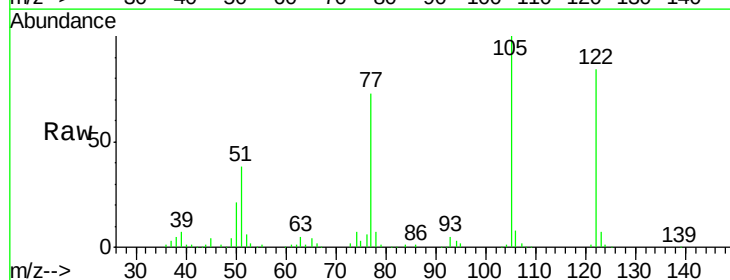
Tgt Ion:122 Resp: 434971

Ion Ratio Lower Upper

122 100

105 119.6 102.2 142.2

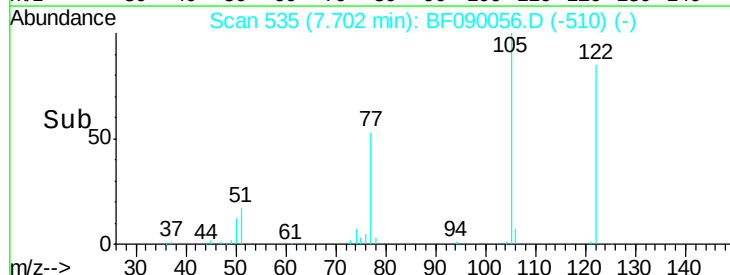
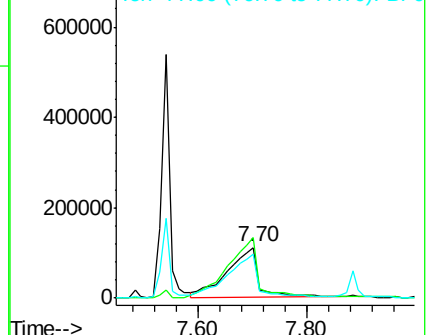
77 87.4 74.1 114.1

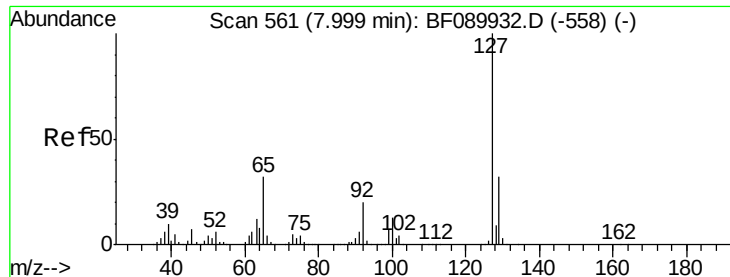


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

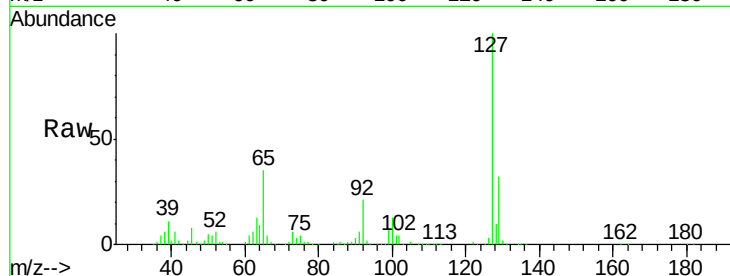




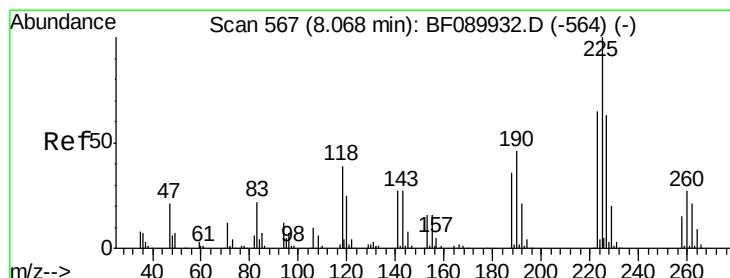
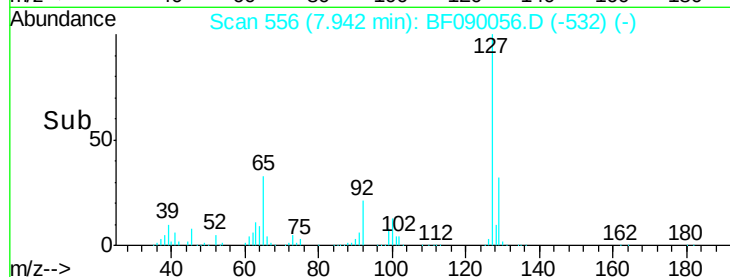
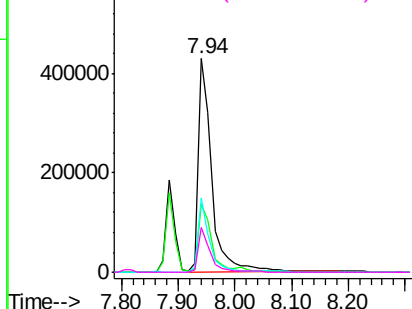
#33
4-Chloroaniline
Concen: 38.61 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.02 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	688397
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	34.7	26.0	39.0
92	21.0	15.9	23.9

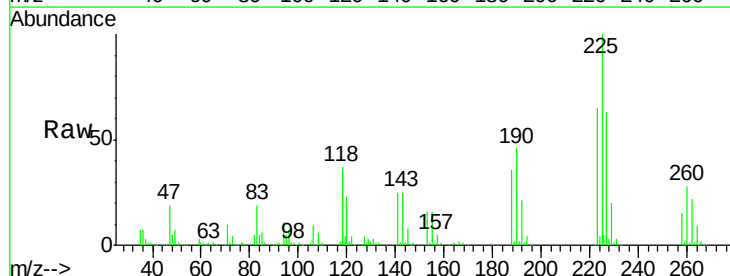


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

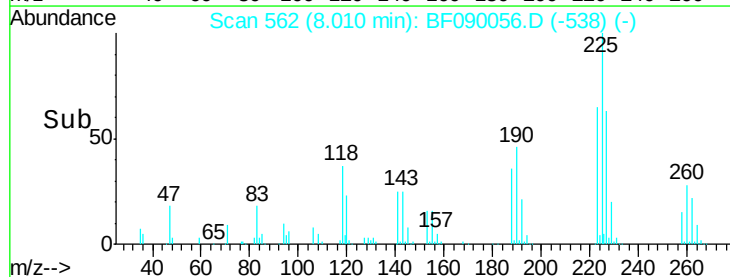
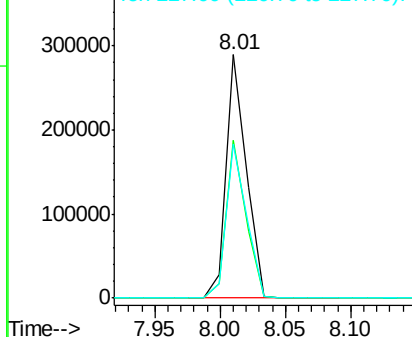


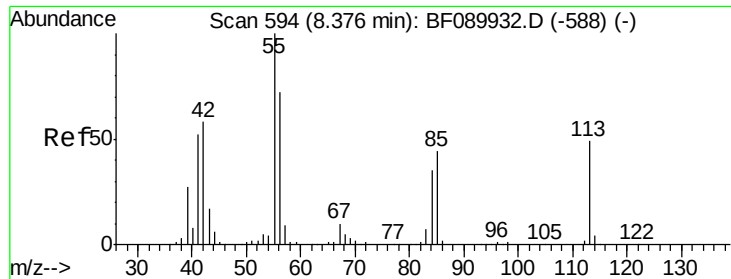
#34
Hexachlorobutadiene
Concen: 37.59 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.02 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

Tgt Ion:	225	Resp:	310474
Ion	Ratio	Lower	Upper
225	100		
223	64.9	52.6	78.8
227	63.2	50.8	76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

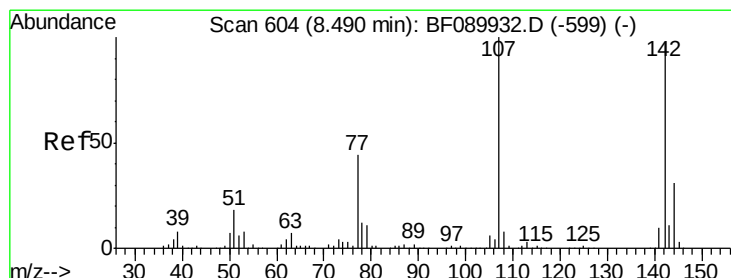
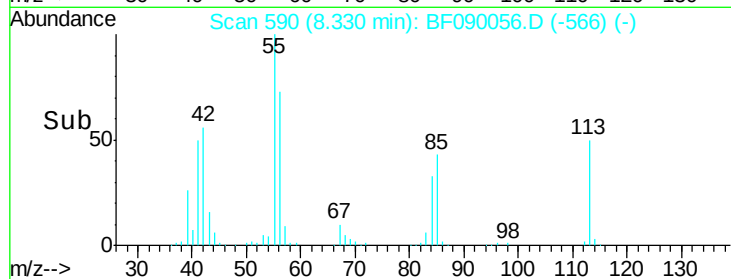
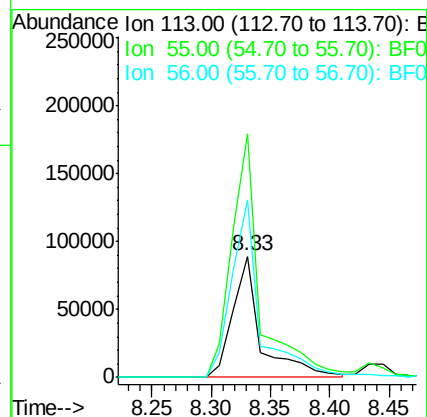
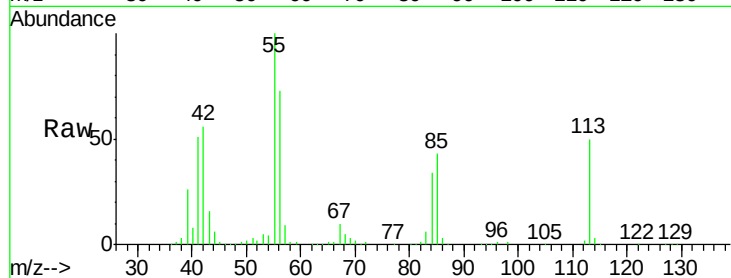




#35
Caprolactam
Concen: 36.24 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.02 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

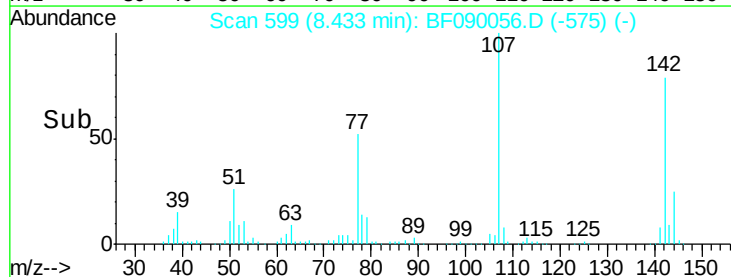
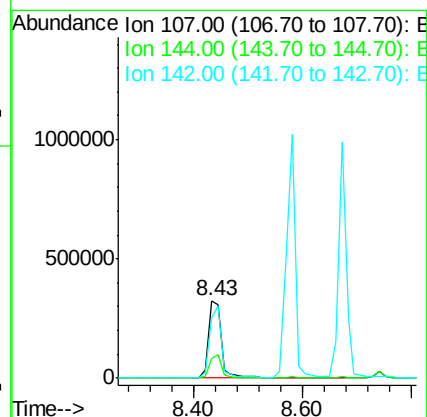
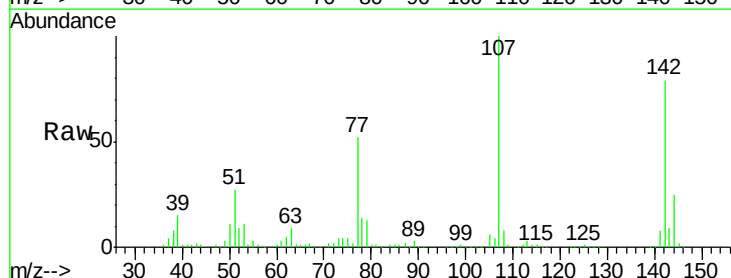
Instrument :
BNA_F
ClientSampleId :

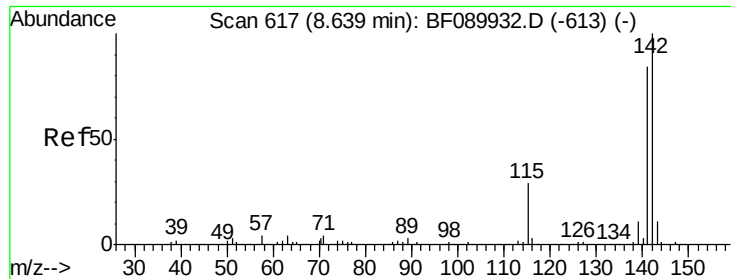
Tot Ion:113 Resp: 147469
Ion Ratio Lower Upper
113 100
55 200.8 178.5 218.5
56 146.0 122.7 162.7



#36
4-Chloro-3-methylphenol
Concen: 38.92 ng
RT: 8.43 min Scan# 599
Delta R.T. -0.02 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

Tgt Ion:107 Resp: 531286
Ion Ratio Lower Upper
107 100
144 24.7 25.8 38.8#
142 78.8 79.2 118.8#

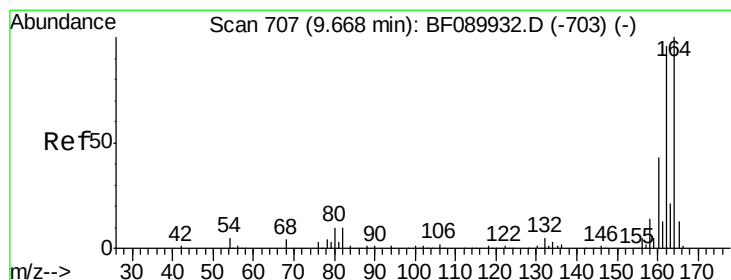
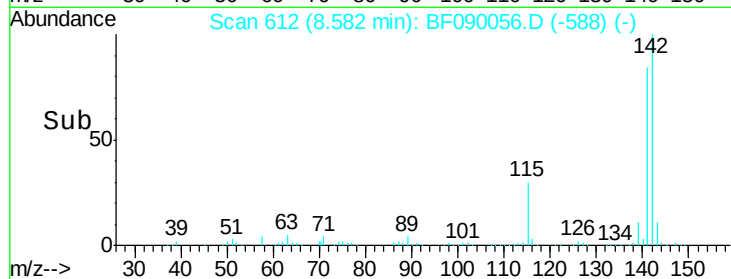
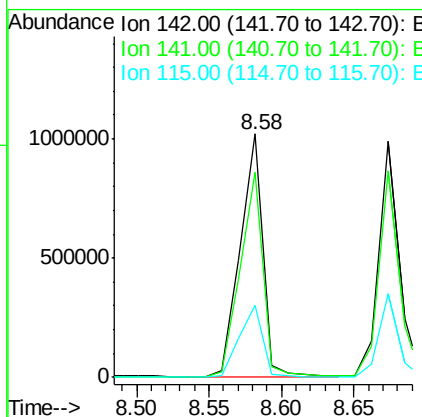
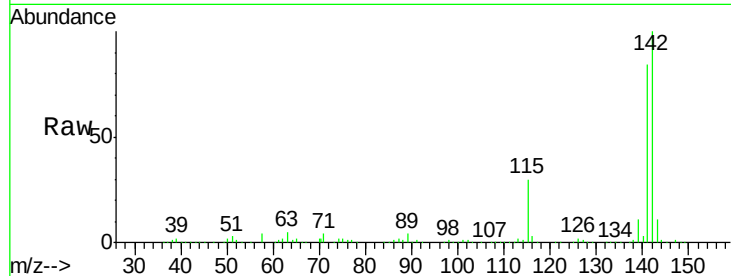




#37
2-Methylnaphthalene
Concen: 38.38 ng
RT: 8.58 min Scan# 612
Delta R.T. -0.02 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

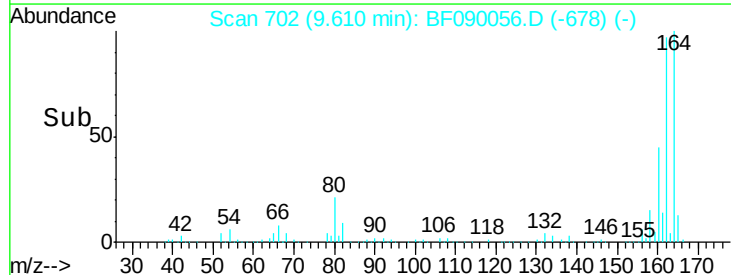
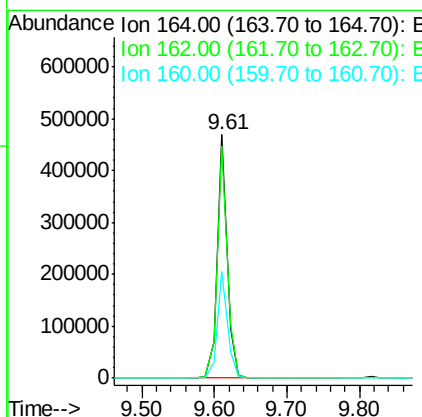
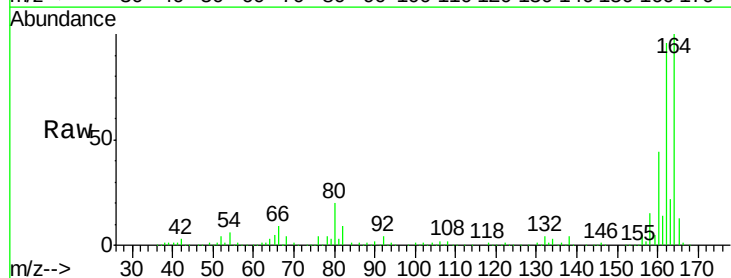
Instrument :
BNA_F
ClientSampleId :

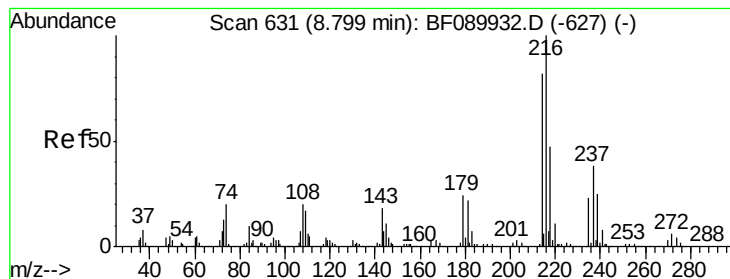
Tot Ion:142 Resp: 1120891
Ion Ratio Lower Upper
142 100
141 84.4 68.3 102.5
115 29.8 23.8 35.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

Tgt Ion:164 Resp: 445462
Ion Ratio Lower Upper
164 100
162 95.6 77.1 115.7
160 43.8 35.3 52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.34 ng

RT: 8.74 min Scan# 626

Delta R.T. -0.02 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 500278

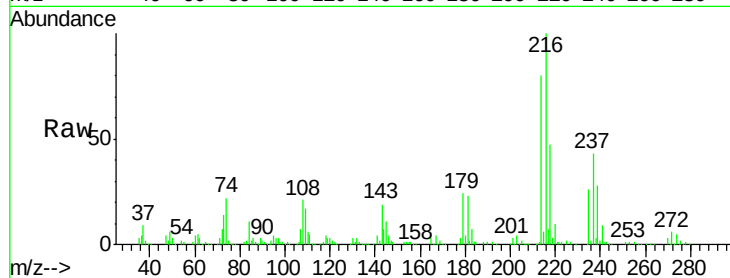
Ion Ratio Lower Upper

216 100

214 78.8 63.4 95.2

179 20.7 17.3 25.9

108 17.2 15.5 23.3

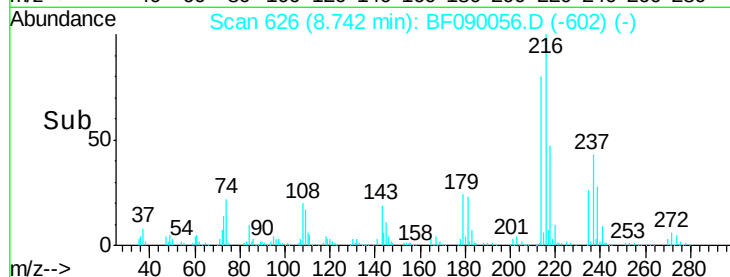


Abundance Ion 216.00 (215.70 to 216.70): E

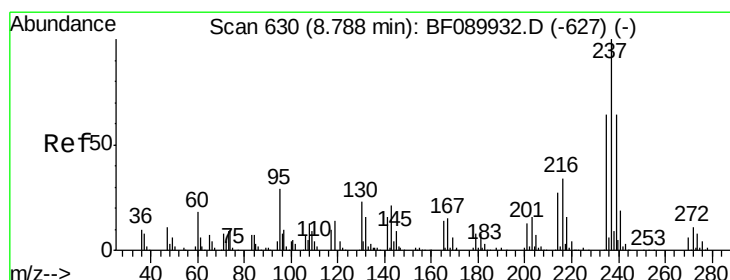
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 8.60 8.70 8.80 8.90 9.00



#40

Hexachlorocyclopentadiene

Concen: 41.30 ng

RT: 8.73 min Scan# 625

Delta R.T. -0.03 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

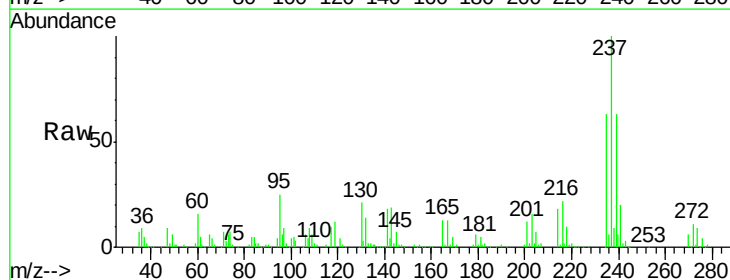
Tgt Ion:237 Resp: 276349

Ion Ratio Lower Upper

237 100

235 62.8 39.6 79.6

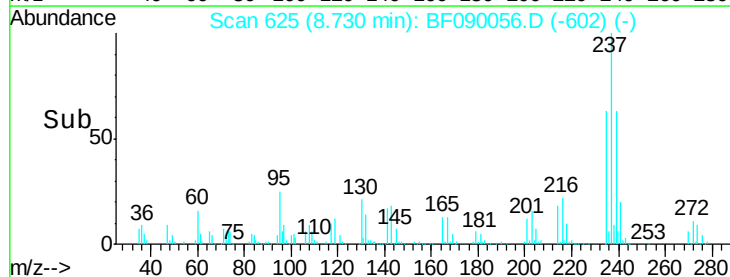
272 10.9 0.0 34.6



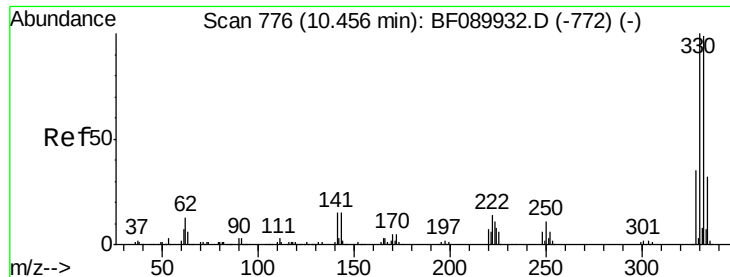
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



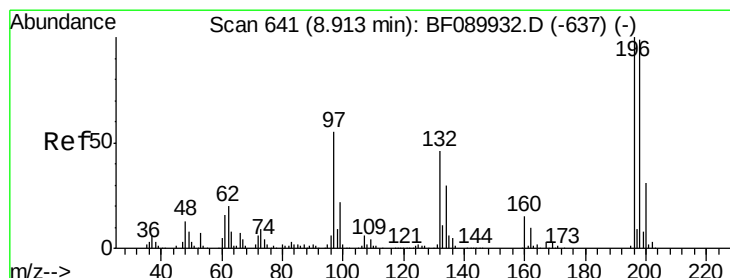
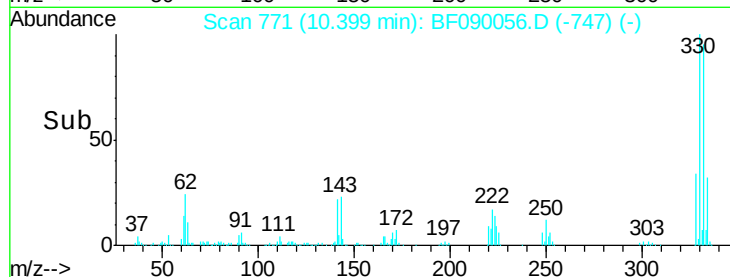
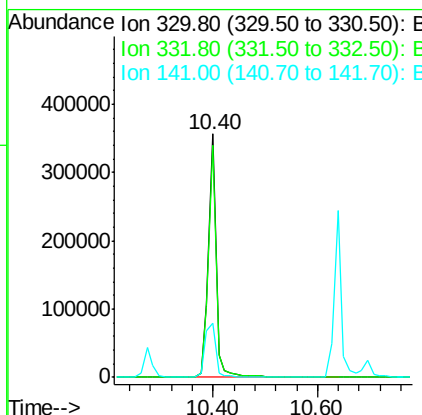
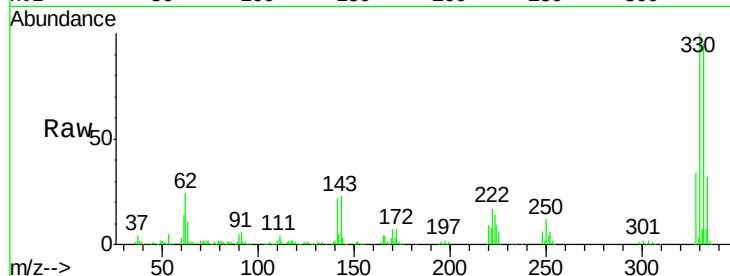
Time--> 8.65 8.70 8.75 8.80 8.85



#41
 2,4,6-Tribromophenol
 Concen: 85.00 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

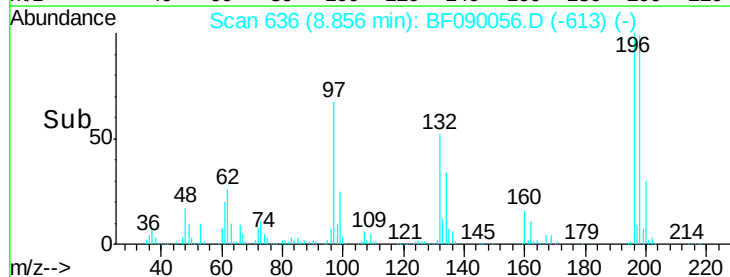
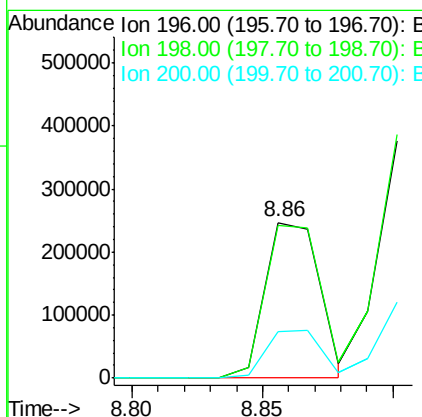
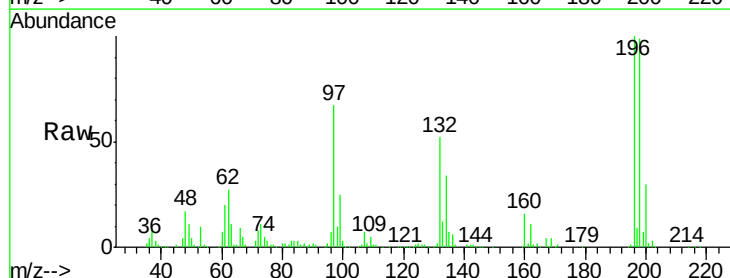
Instrument :
 BNA_F
 ClientSampleId :

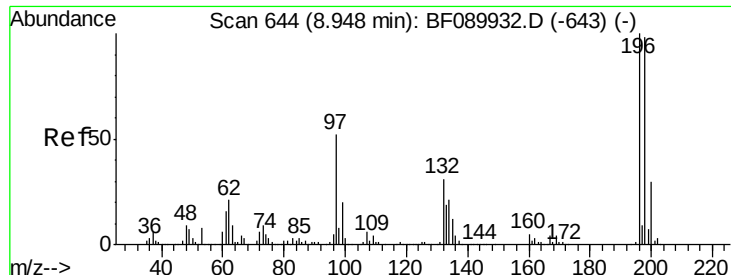
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.6	117.8
141	31.7	23.3	34.9



#42
 2,4,6-Trichlorophenol
 Concen: 39.67 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.6	78.3	117.5
200	30.0	24.8	37.2

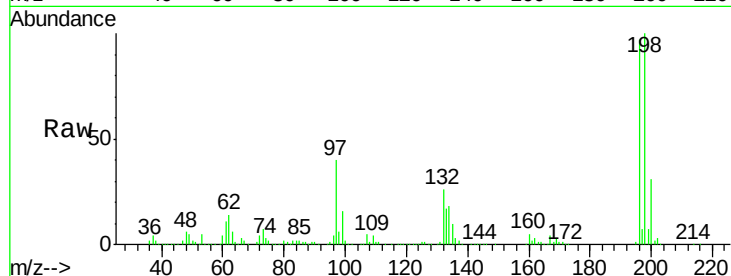




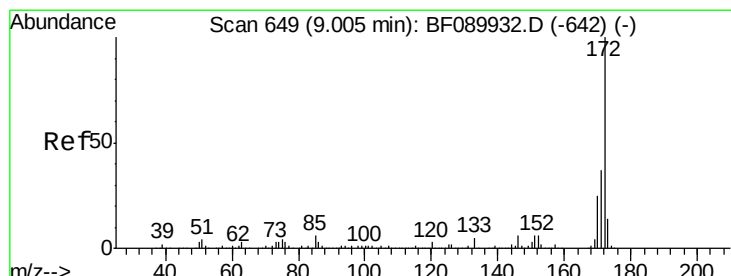
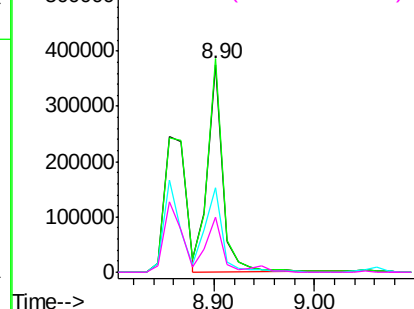
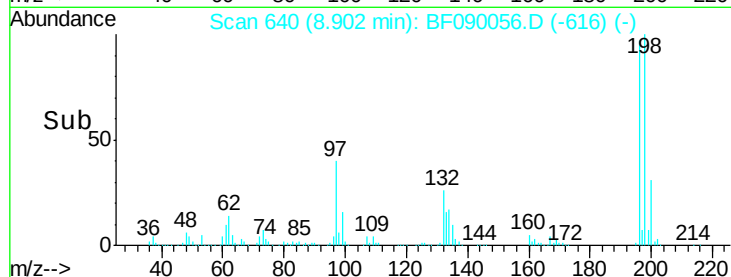
#43
 2,4,5-Trichlorophenol
 Concen: 45.53 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.02 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	102.8	80.8	121.2
97	40.7	44.2	66.4
132	26.7	25.8	38.6

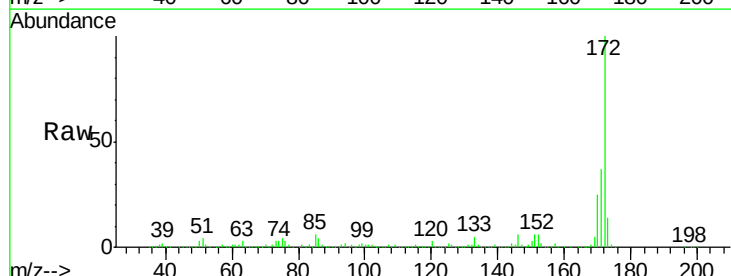


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

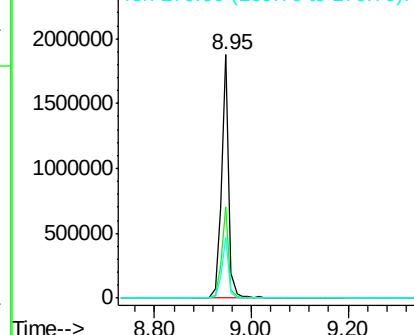
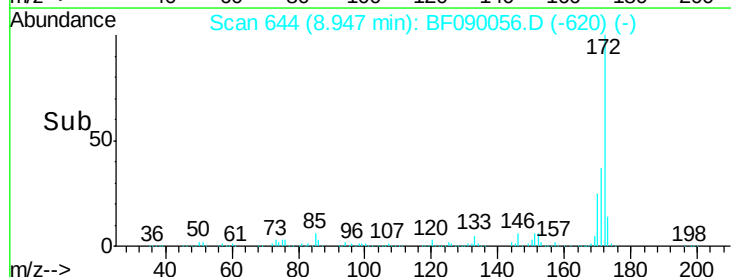


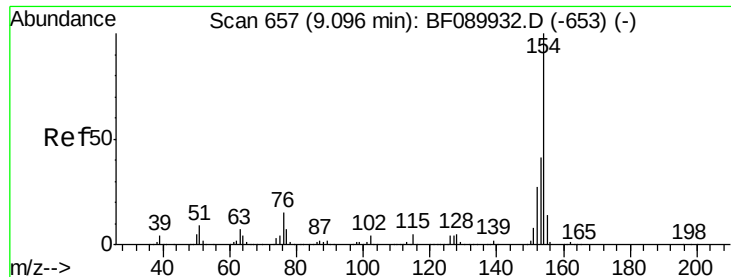
#44
 2-Fluorobiphenyl
 Concen: 74.23 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.4	44.2
170	24.7	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: 39.41 ng

RT: 9.05 min Scan# 653

Delta R.T. -0.02 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleId :

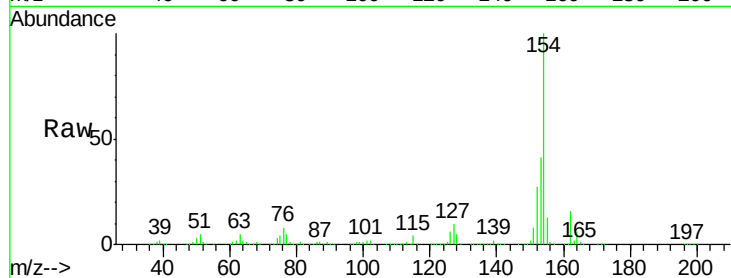
Tot Ion:154 Resp: 1413349

Ion Ratio Lower Upper

154 100

153 41.0 20.6 60.6

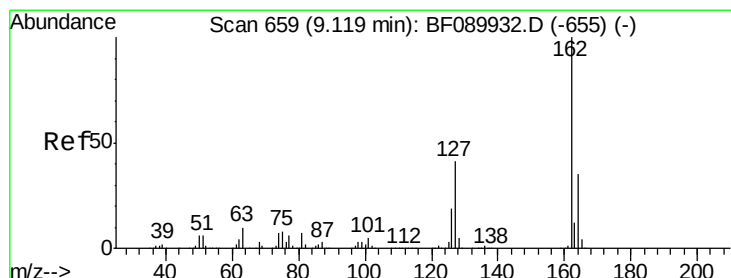
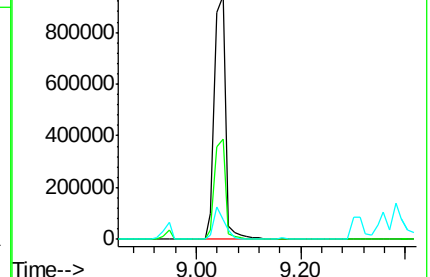
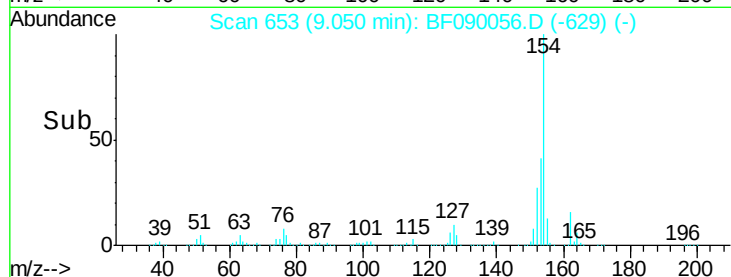
76 8.1 0.0 34.9



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: 37.97 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.02 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

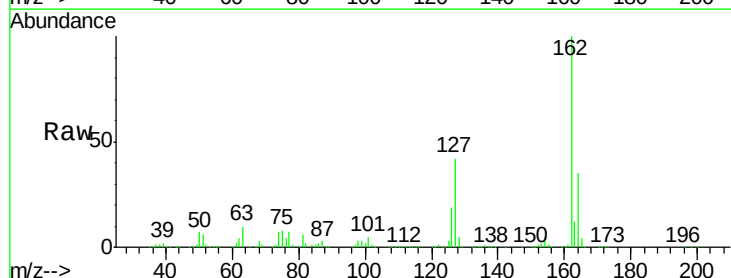
Tgt Ion:162 Resp: 963241

Ion Ratio Lower Upper

162 100

127 41.6 33.5 50.3

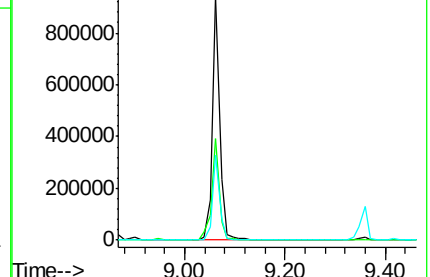
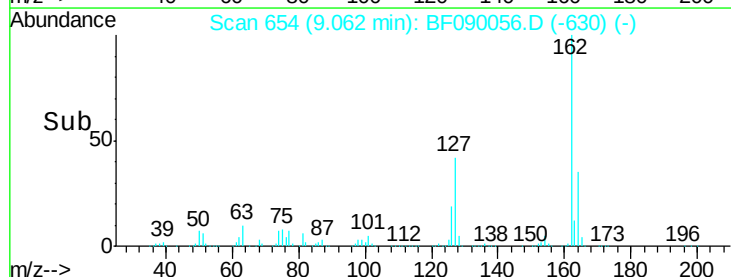
164 34.6 28.2 42.4

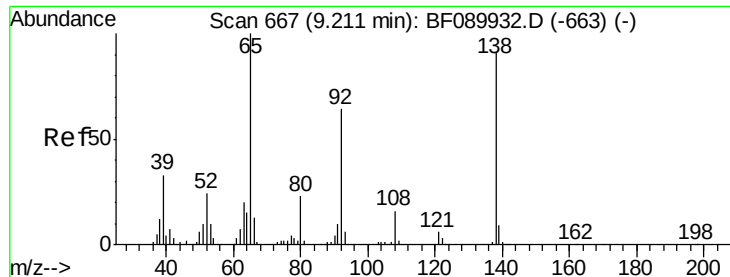


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

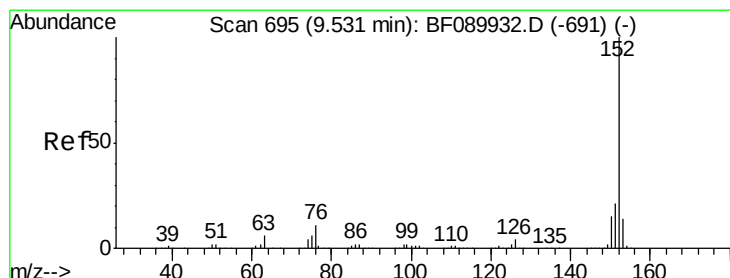
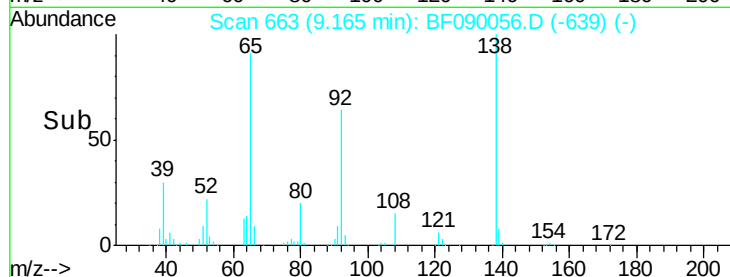
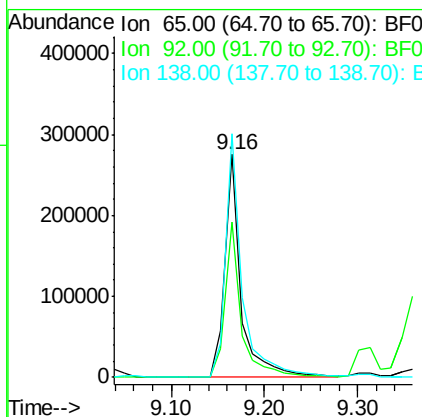
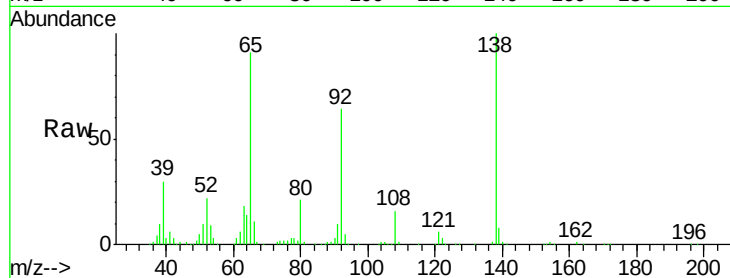




#47
2-Nitroaniline
Concen: 40.12 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.02 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

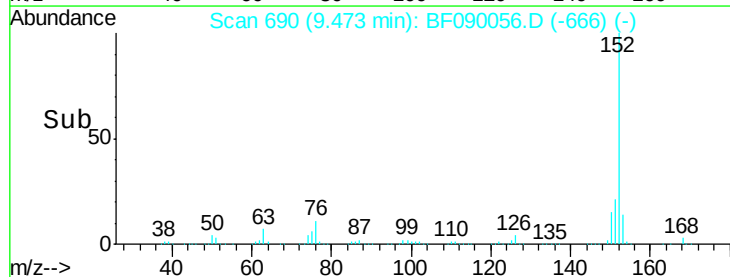
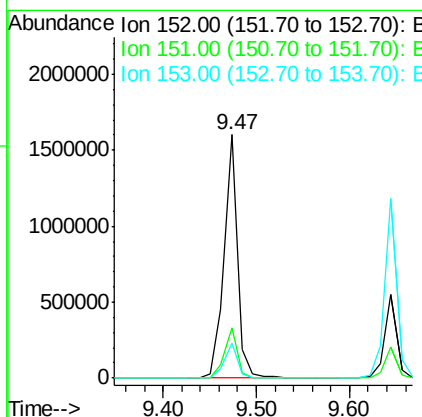
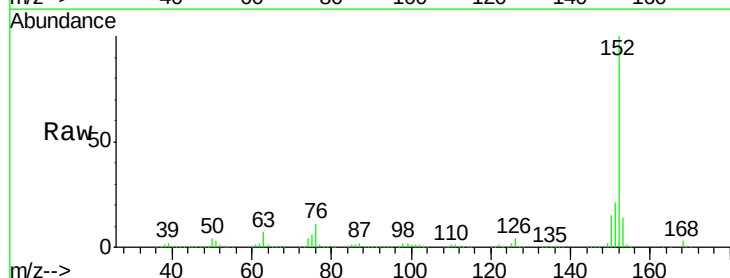
Instrument :
BNA_F
ClientSampleId :

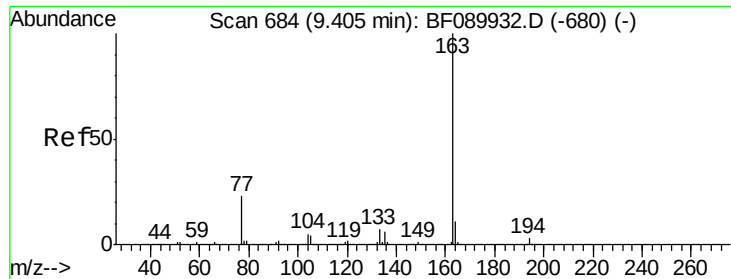
Tot Ion: 65 Resp: 332799
Ion Ratio Lower Upper
65 100
92 69.9 52.0 78.0
138 109.4 72.1 108.1#



#48
Acenaphthylene
Concen: 38.18 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

Tgt Ion: 152 Resp: 1601679
Ion Ratio Lower Upper
152 100
151 20.9 16.7 25.1
153 14.4 11.6 17.4

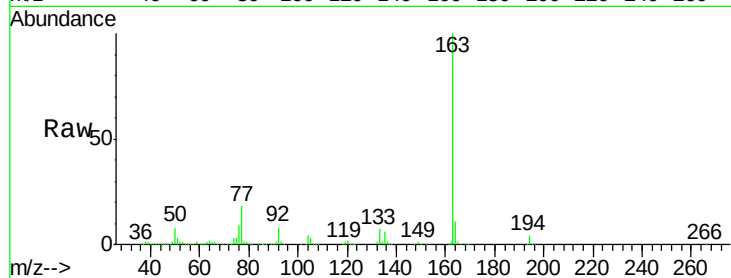




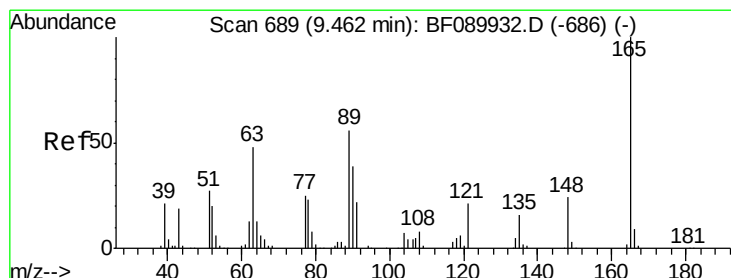
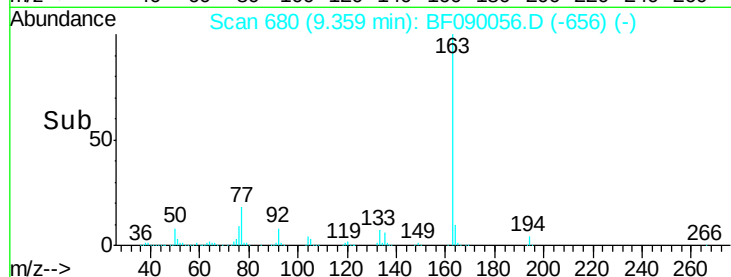
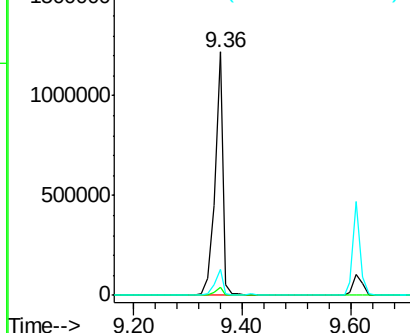
#49
Dimethylphthalate
Concen: 39.67 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1277387
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.8 9.0 13.4

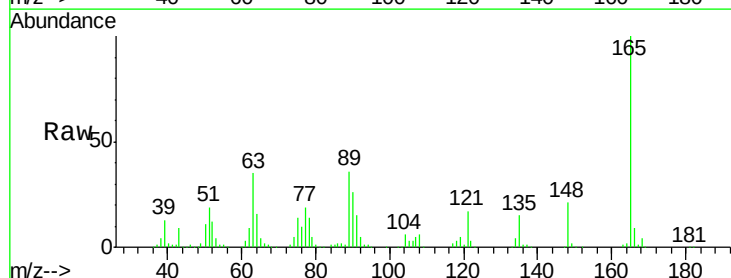


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

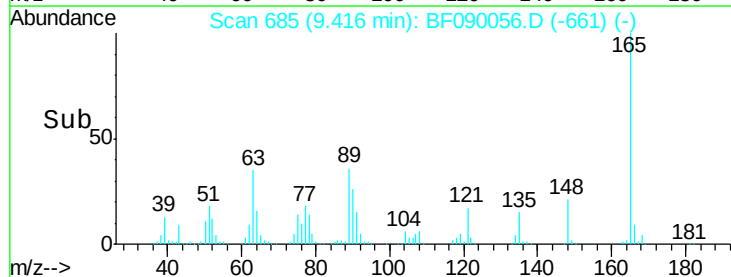
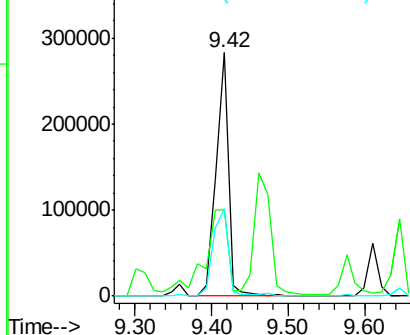


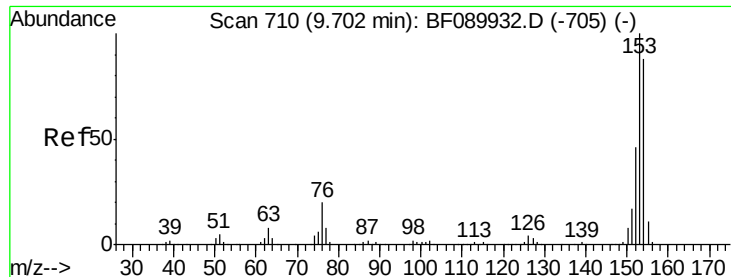
#50
2,6-Dinitrotoluene
Concen: 44.04 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

Tgt Ion:165 Resp: 315353
Ion Ratio Lower Upper
165 100
63 35.2 45.0 67.4#
89 36.0 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: 39.41 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampled :

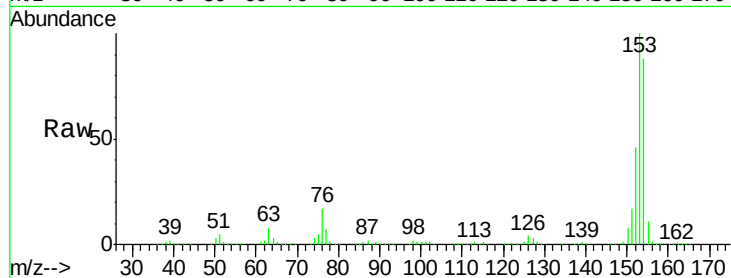
Tot Ion:154 Resp: 1047523

Ion Ratio Lower Upper

154 100

153 113.4 90.6 135.8

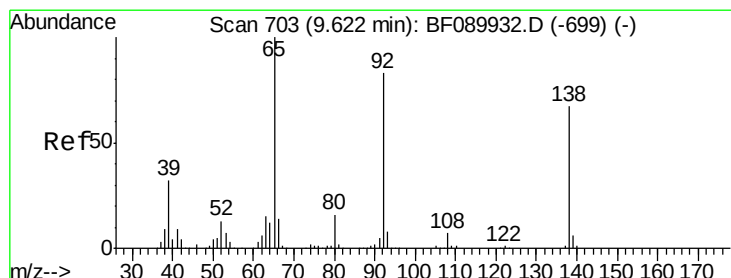
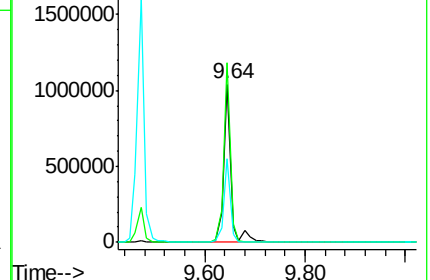
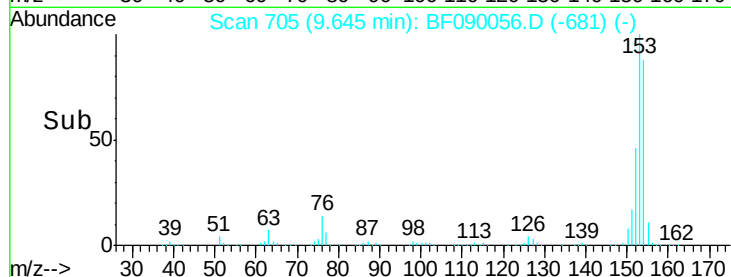
152 52.7 42.4 63.6



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: 38.87 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.02 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

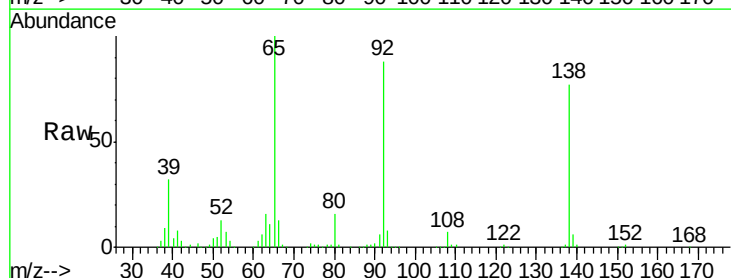
Tgt Ion:138 Resp: 317484

Ion Ratio Lower Upper

138 100

108 9.3 8.3 12.5

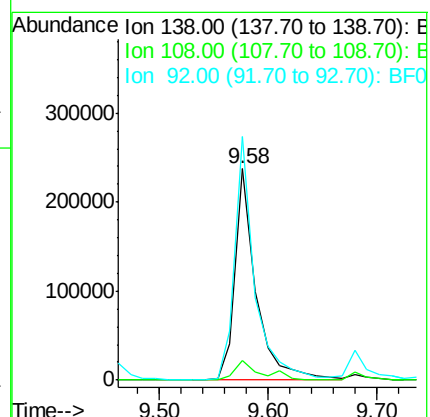
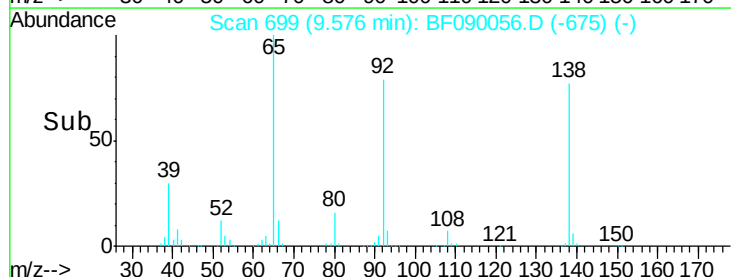
92 115.2 99.1 148.7

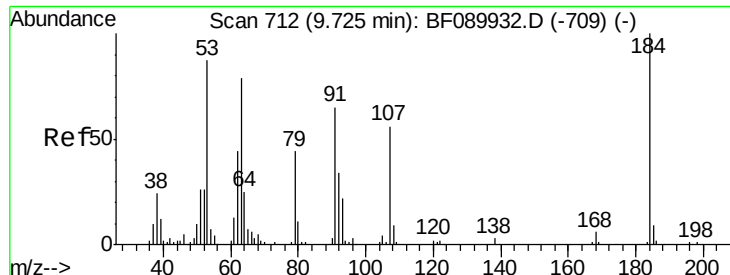


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

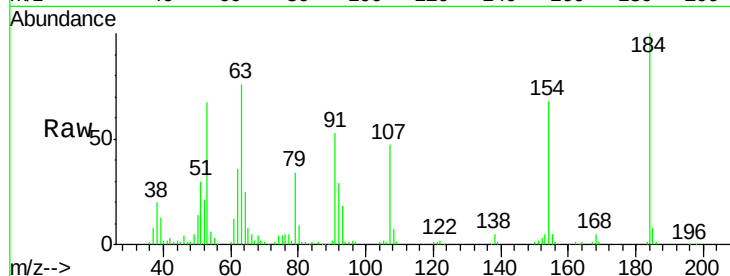




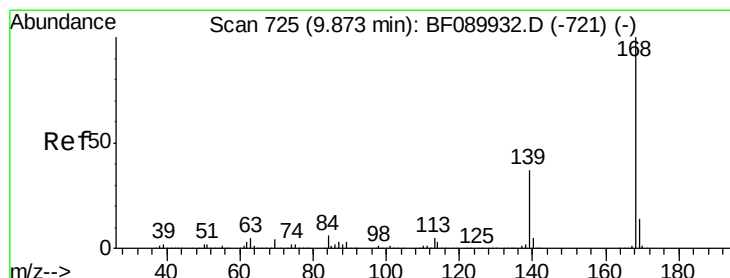
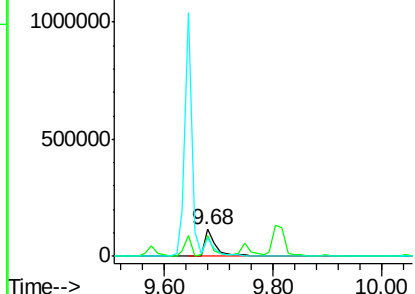
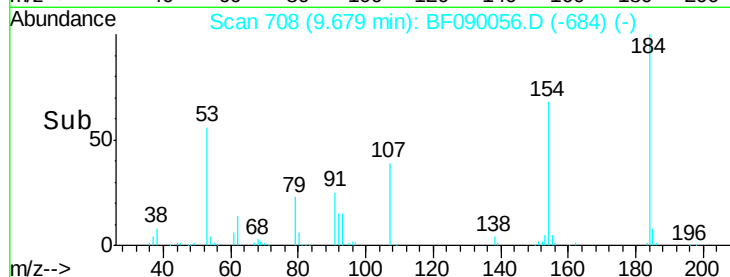
#53
2,4-Dinitrophenol
Concen: 44.16 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.02 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 163153
Ion Ratio Lower Upper
184 100
63 76.0 73.9 110.9
154 68.4 53.5 80.3

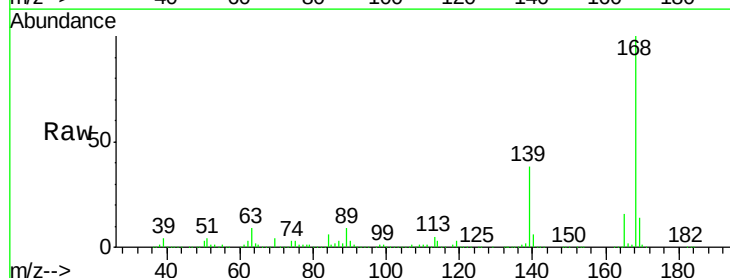


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

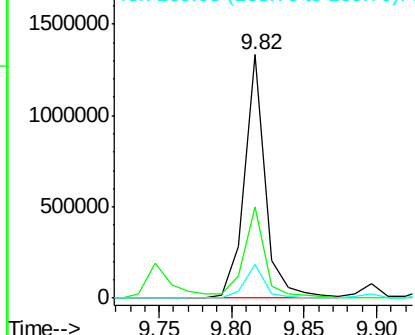
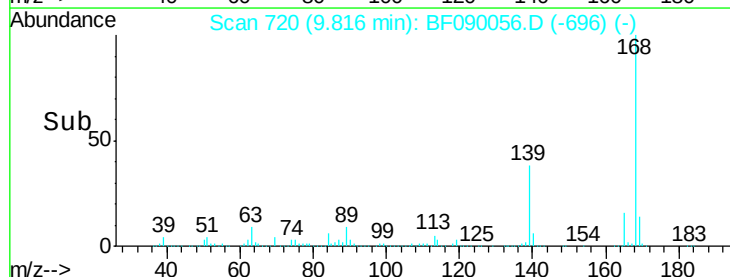


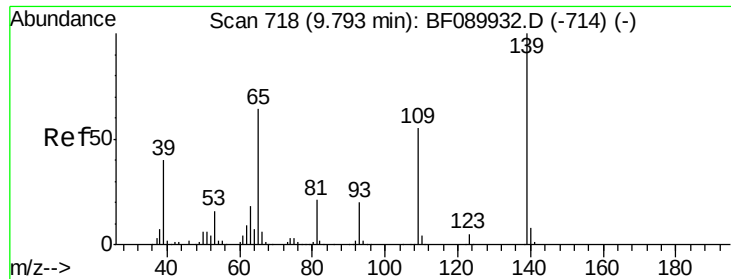
#54
Dibenzofuran
Concen: 37.56 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

Tgt Ion:168 Resp: 1337762
Ion Ratio Lower Upper
168 100
139 37.5 29.5 44.3
169 13.7 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: 40.14 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF090056.D

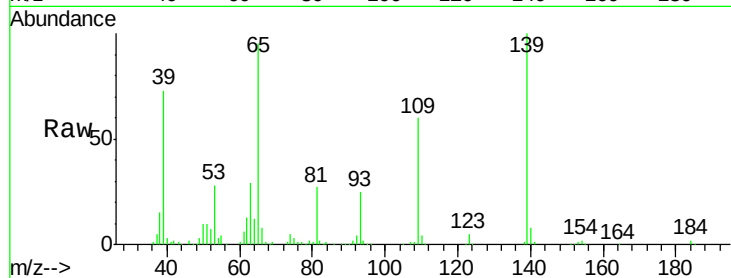
Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleId :

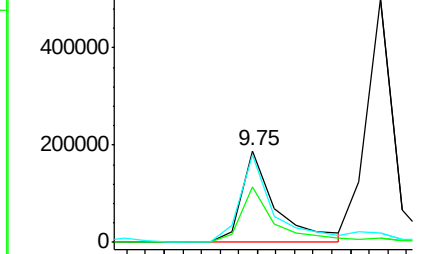
Tot Ion:139	Resp:	247271
Ion Ratio	Lower	Upper
139	100	
109	60.3	31.3 71.3
65	95.3	38.5 78.5#



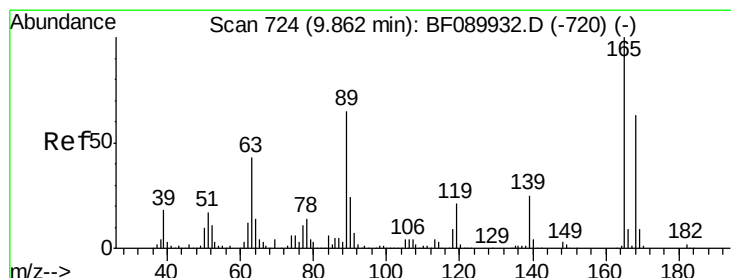
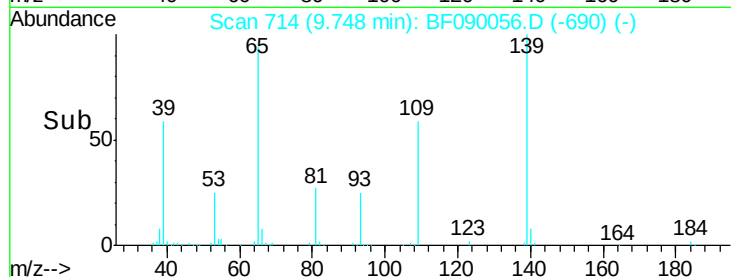
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



Time-->



#56

2,4-Dinitrotoluene

Concen: 38.59 ng

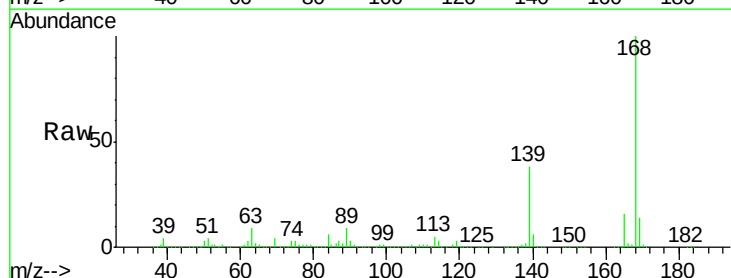
RT: 9.82 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Tgt Ion:165	Resp:	350447
Ion Ratio	Lower	Upper
165	100	
63	54.5	32.5 48.7#
89	56.6	48.3 72.5
182	2.5	1.7 2.5

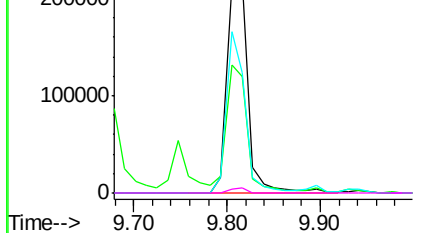


Abundance Ion 165.00 (164.70 to 165.70): E

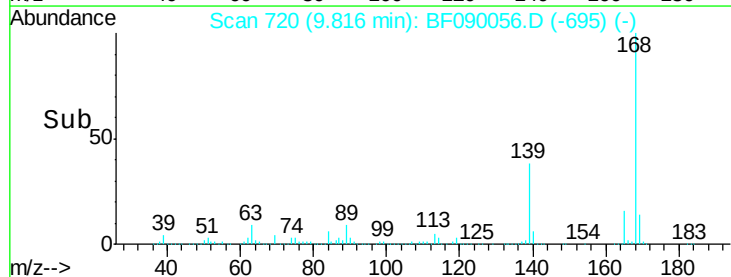
Ion 63.00 (62.70 to 63.70): BF0

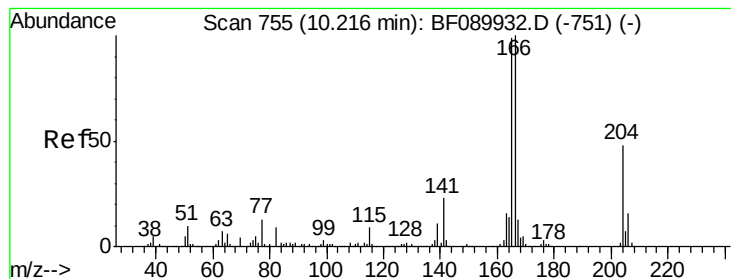
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->





#57

Fluorene

Concen: 42.32 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleId :

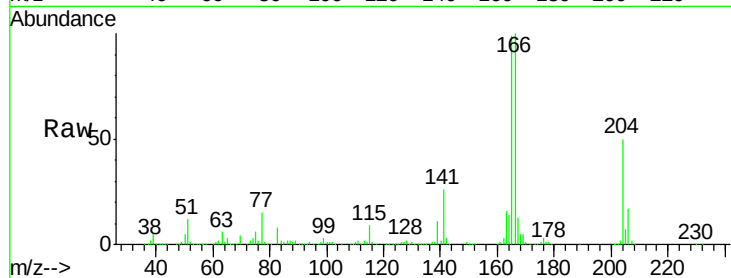
Tot Ion:166 Resp: 1101592

Ion Ratio Lower Upper

166 100

165 99.4 78.6 118.0

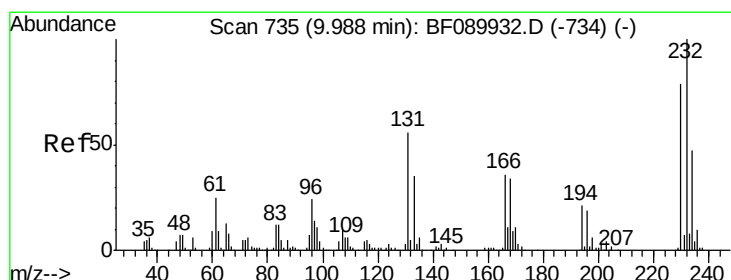
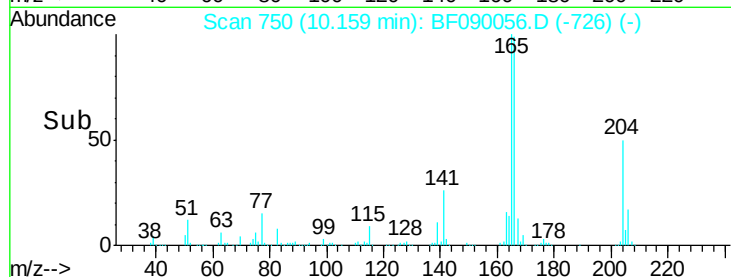
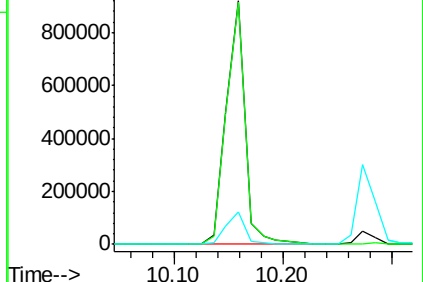
167 13.3 10.6 15.8



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: 41.54 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.07 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Tgt Ion:232 Resp: 309307

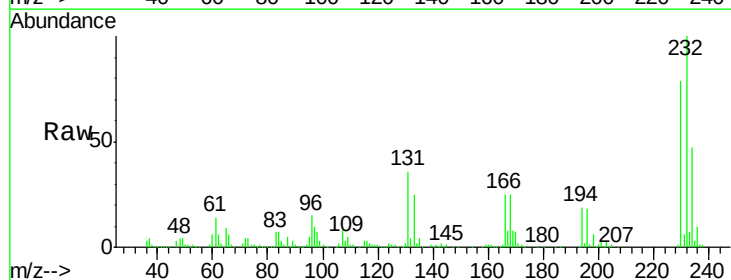
Ion Ratio Lower Upper

232 100

131 38.6 36.3 54.5

130 1.9 1.7 2.5

166 24.7 24.4 36.6

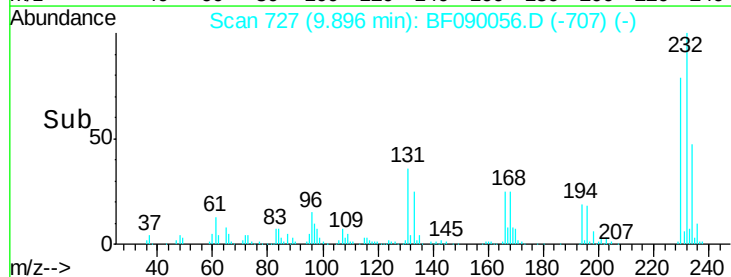
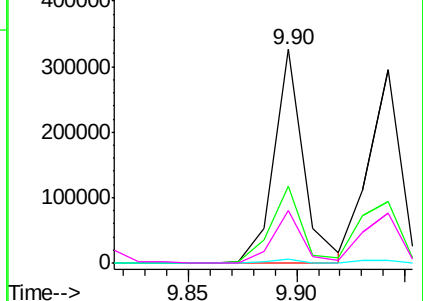


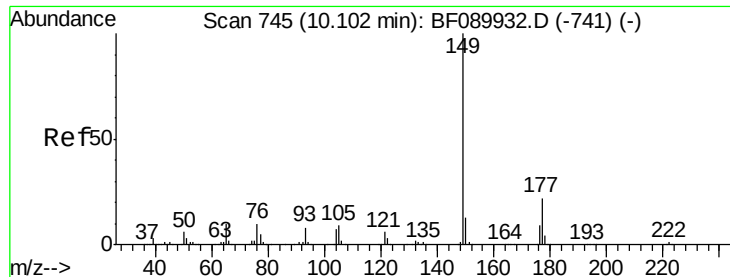
Abundance Ion 232.00 (231.70 to 232.70): E

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

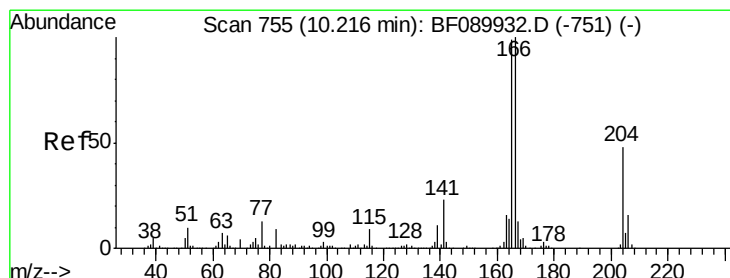
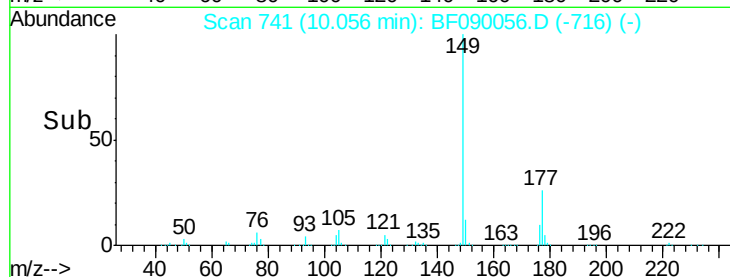
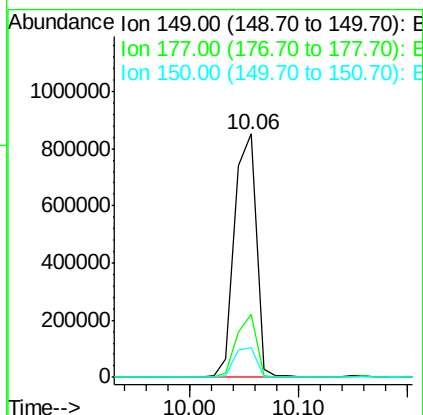
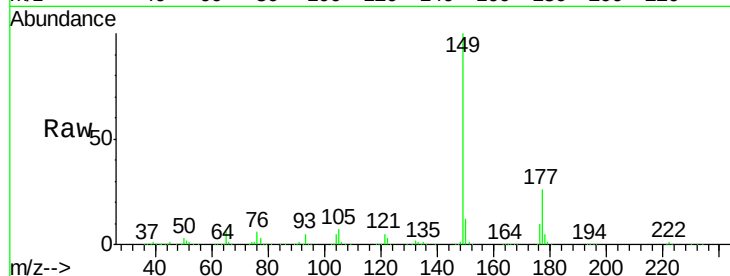




#59
Diethylphthalate
Concen: 38.60 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

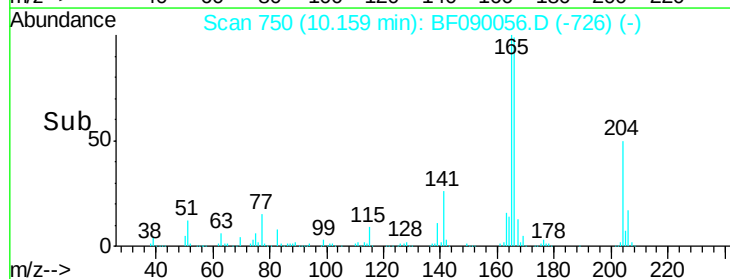
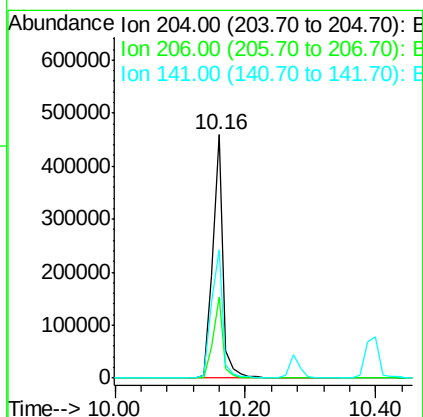
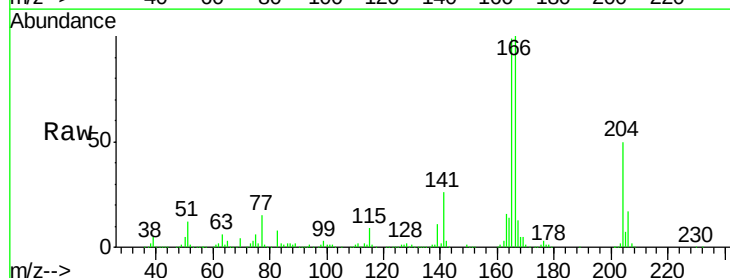
Instrument :
BNA_F
ClientSampleId :

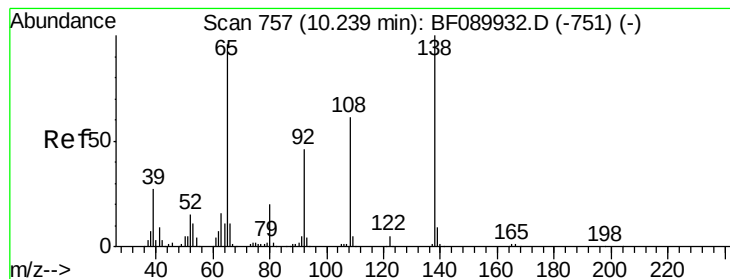
Tot Ion:149 Resp: 1169078
Ion Ratio Lower Upper
149 100
177 26.0 17.7 26.5
150 12.1 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 41.83 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

Tgt Ion:204 Resp: 512367
Ion Ratio Lower Upper
204 100
206 33.1 26.6 40.0
141 52.6 36.5 54.7





#61

4-Nitroaniline

Concen: 42.45 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleId :

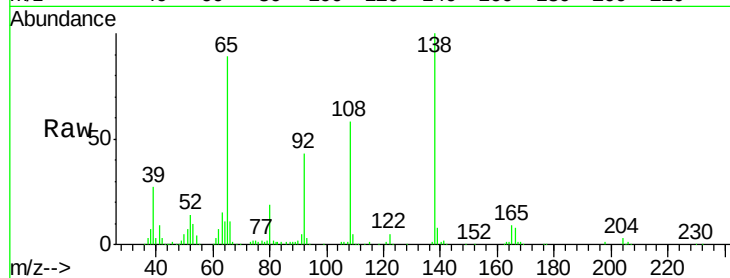
Tot Ion:138 Resp: 340617

Ion Ratio Lower Upper

138 100

92 43.1 21.2 61.2

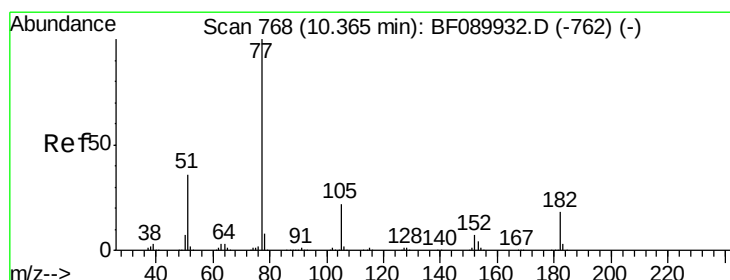
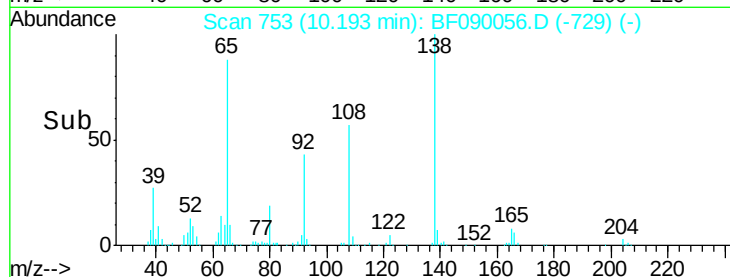
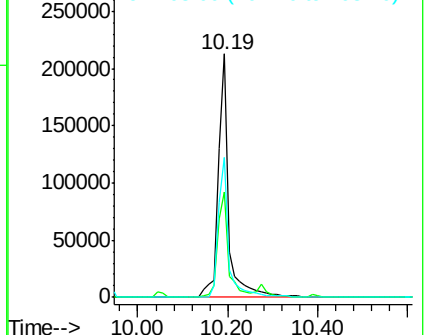
108 57.7 37.7 77.7



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: 36.94 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Tgt Ion: 77 Resp: 1117650

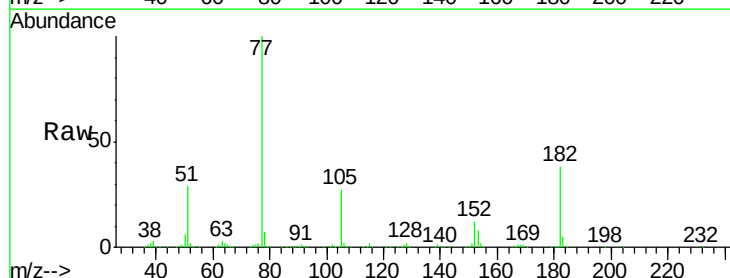
Ion Ratio Lower Upper

77 100

182 38.0 0.0 38.6

105 26.9 2.3 42.3

51 29.2 15.1 55.1

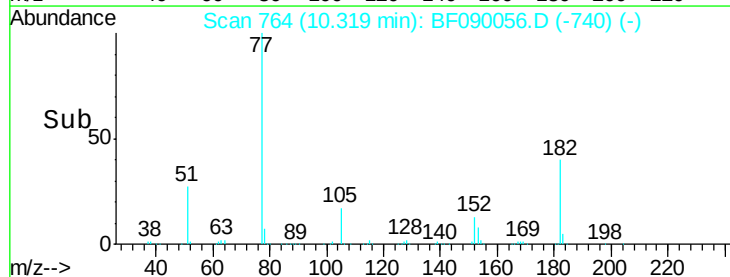
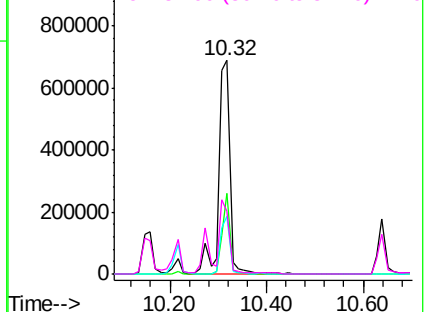


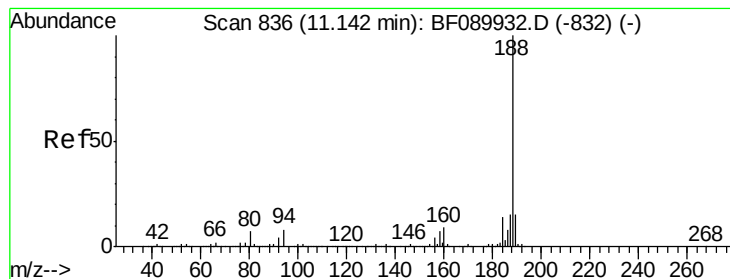
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.08 min Scan# 831

Delta R.T. -0.02 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleId :

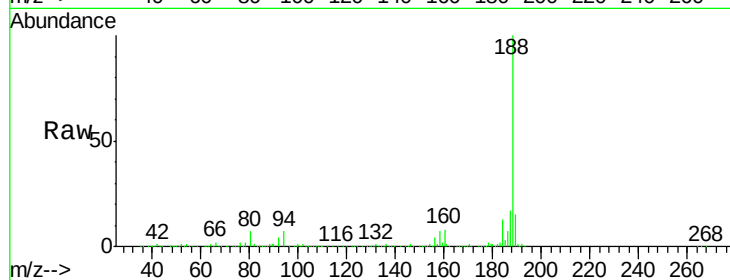
Tot Ion:188 Resp: 890200

Ion Ratio Lower Upper

188 100

94 6.7 5.9 8.9

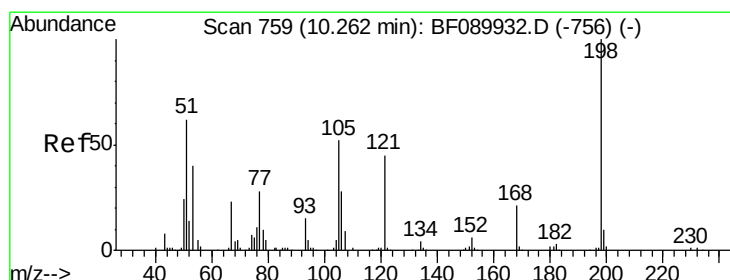
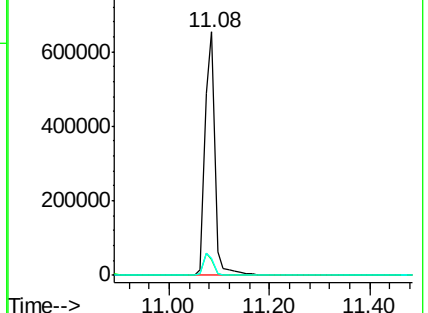
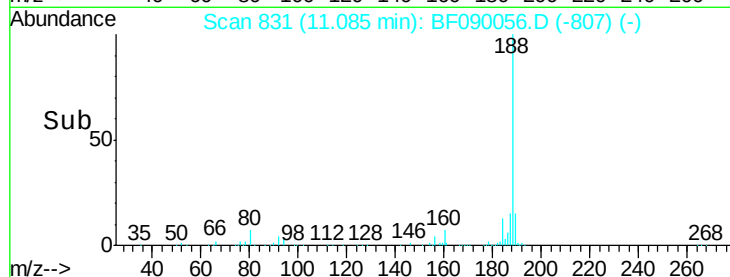
80 7.0 5.8 8.8



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: 39.74 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

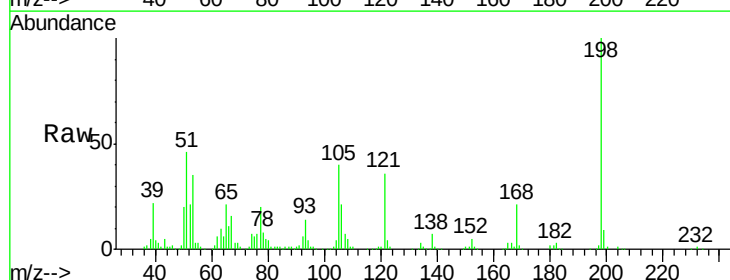
Tgt Ion:198 Resp: 226473

Ion Ratio Lower Upper

198 100

51 46.0 43.0 83.0

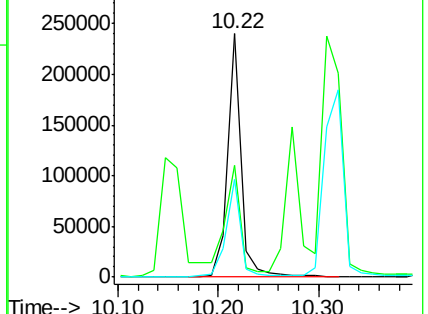
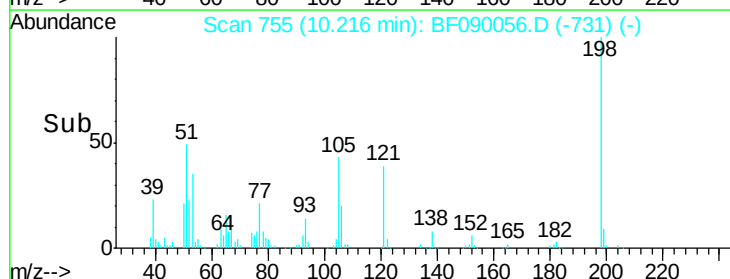
105 40.0 30.3 70.3

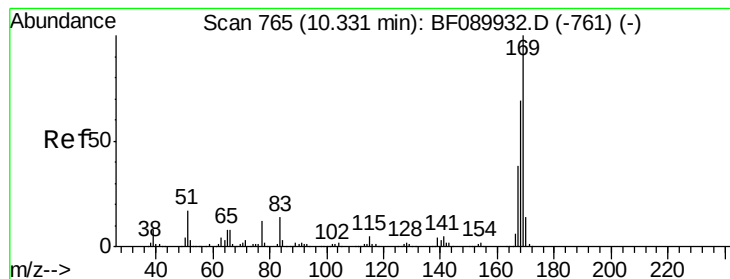


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

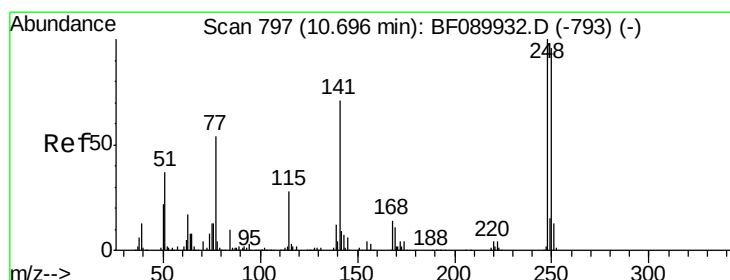
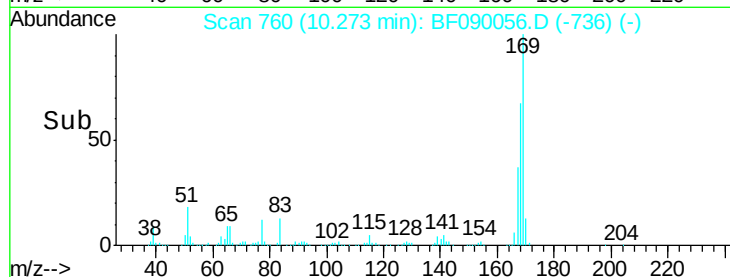
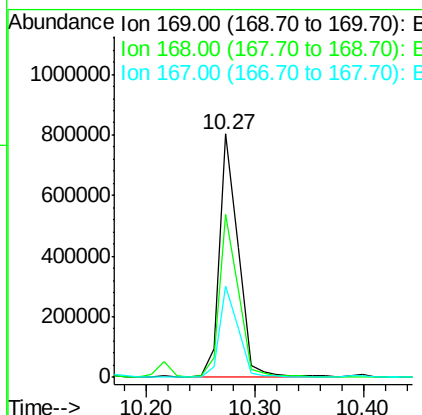
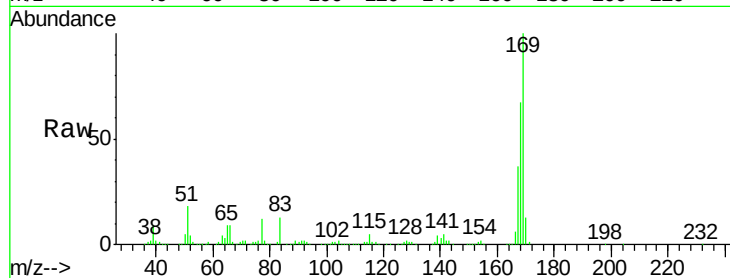




#65
 n-Nitrosodiphenylamine
 Concen: 36.22 ng
 RT: 10.27 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

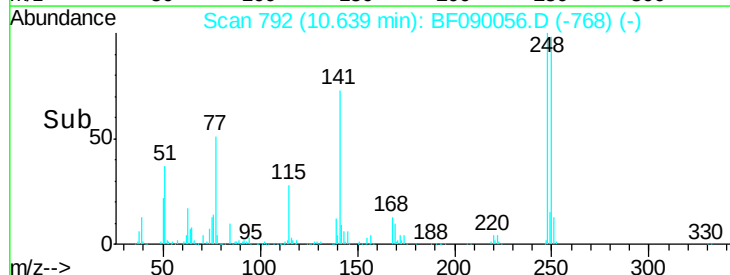
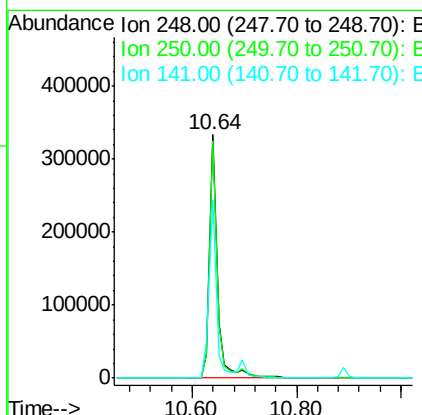
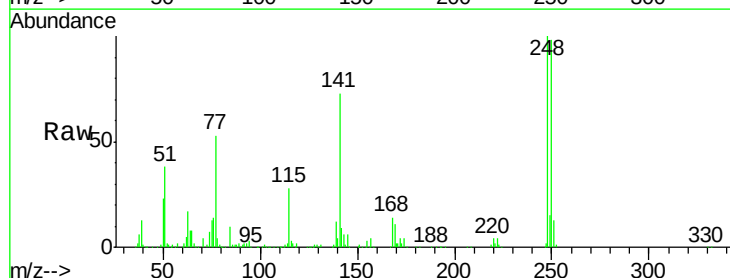
Instrument :
 BNA_F
 ClientSampleId :

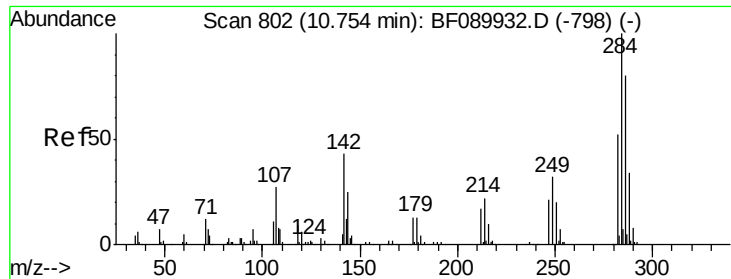
Tot Ion:169 Resp: 969437
 Ion Ratio Lower Upper
 169 100
 168 67.0 55.0 82.4
 167 37.4 30.5 45.7



#66
 4-Bromophenyl-phenylether
 Concen: 38.98 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.02 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

Tgt Ion:248 Resp: 349299
 Ion Ratio Lower Upper
 248 100
 250 97.6 77.3 115.9
 141 73.4 55.8 83.8

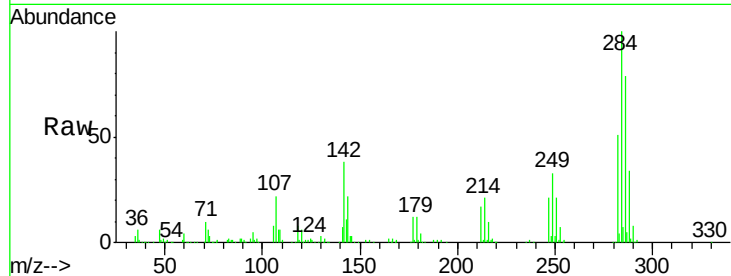




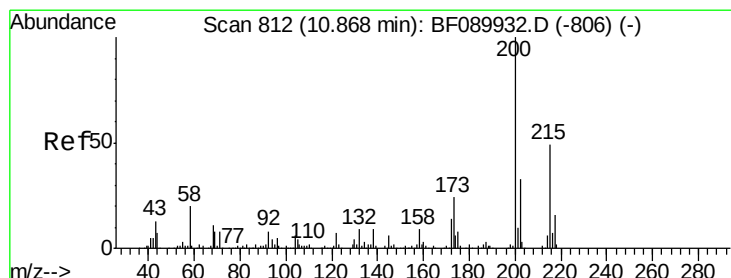
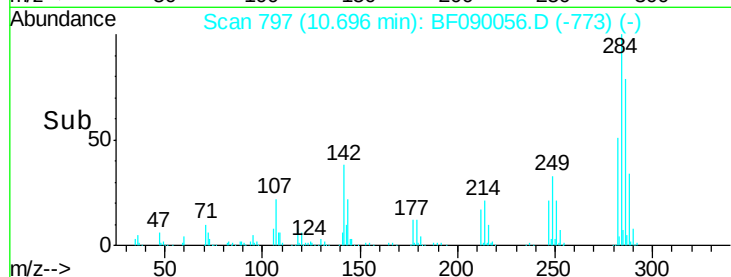
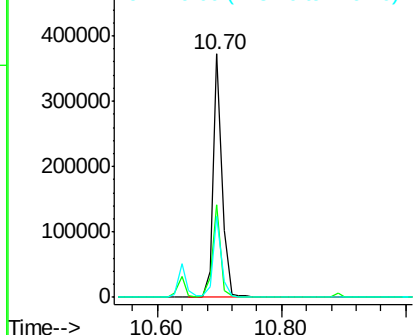
#67
Hexachlorobenzene
Concen: 35.76 ng
RT: 10.70 min Scan# 797
Delta R.T. -0.02 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	37.9	32.7	49.1
249	33.1	26.9	40.3

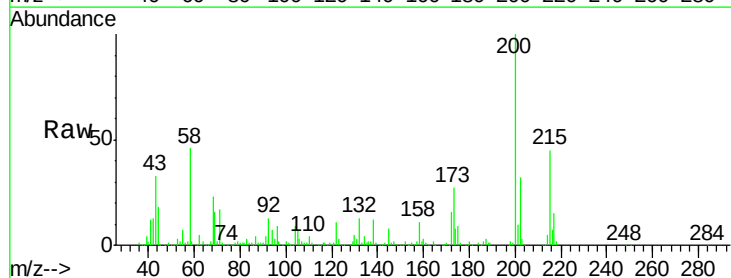


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

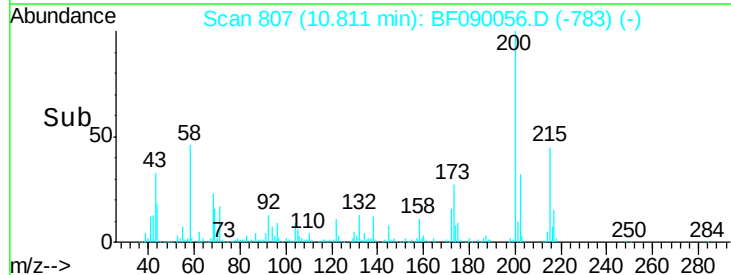
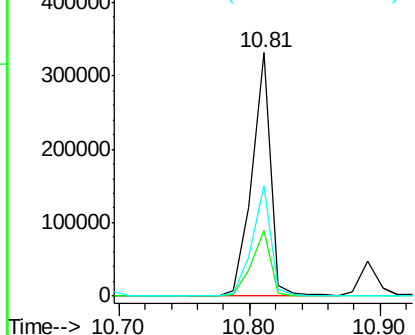


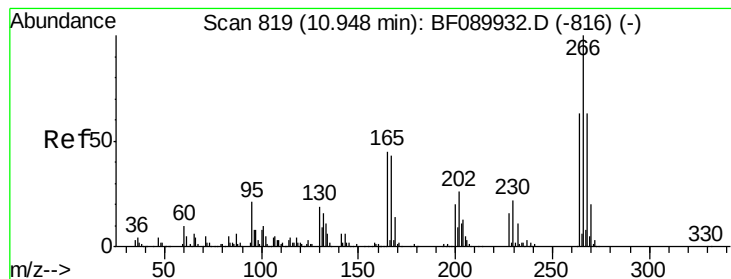
#68
Atrazine
Concen: 37.13 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.8	9.4	49.4
215	45.4	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: 43.08 ng

RT: 10.89 min Scan# 814

Delta R.T. -0.02 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :
BNA_F
ClientSampled :

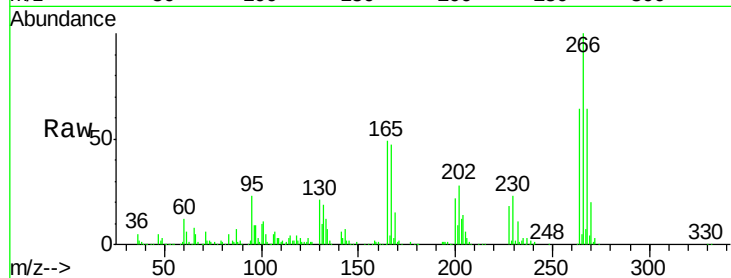
Tot Ion:266 Resp: 237257

Ion Ratio Lower Upper

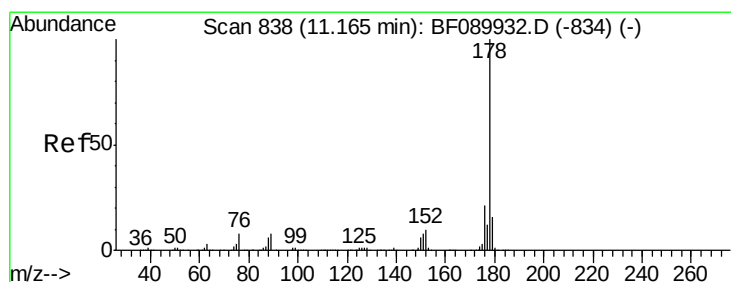
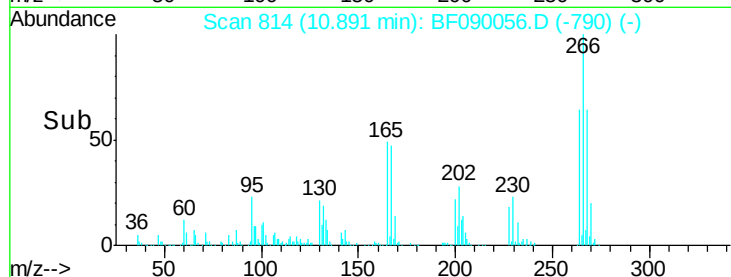
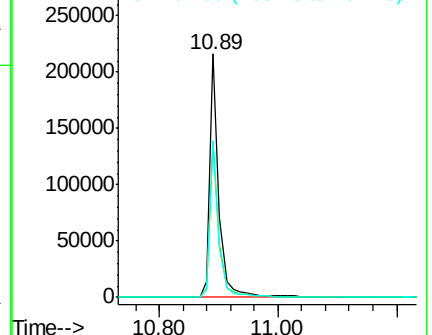
266 100

268 64.5 51.0 76.6

264 64.1 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: 37.78 ng

RT: 11.11 min Scan# 833

Delta R.T. -0.02 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

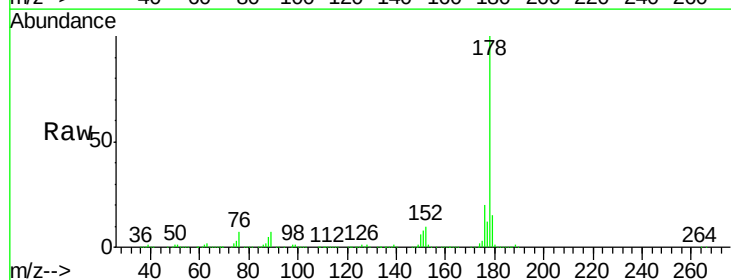
Tgt Ion:178 Resp: 1674904

Ion Ratio Lower Upper

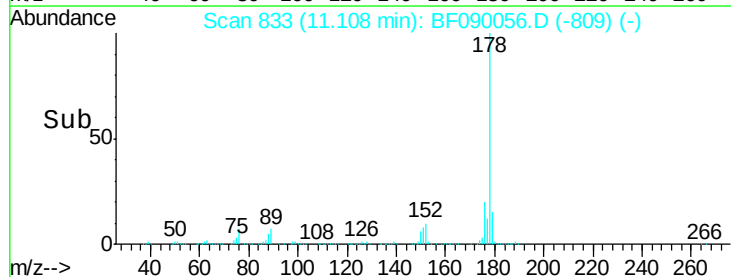
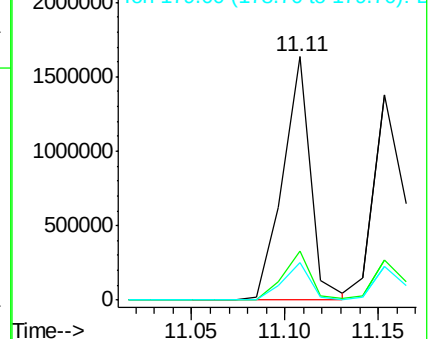
178 100

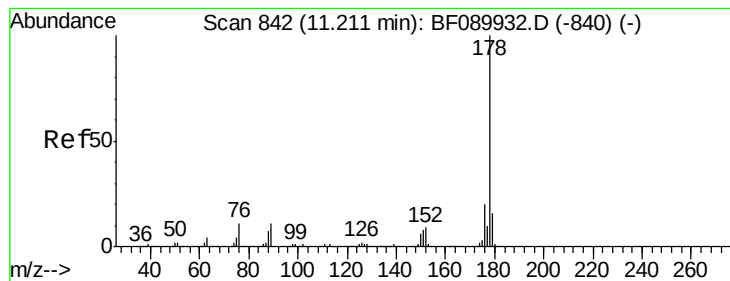
176 20.4 16.5 24.7

179 15.4 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: 37.35 ng

RT: 11.15 min Scan# 837

Delta R.T. -0.02 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleId :

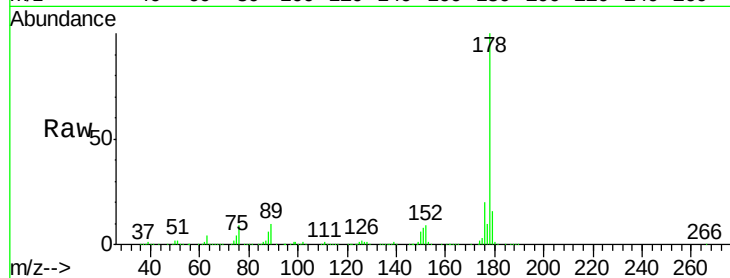
Tot Ion:178 Resp: 1679352

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

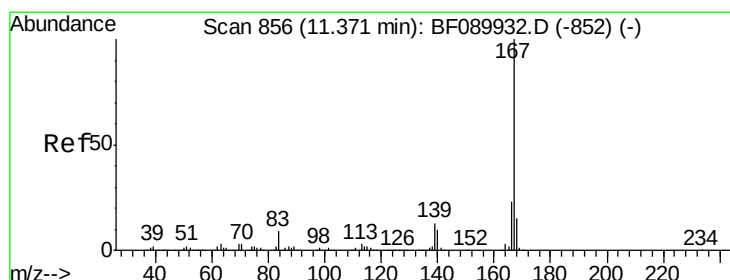
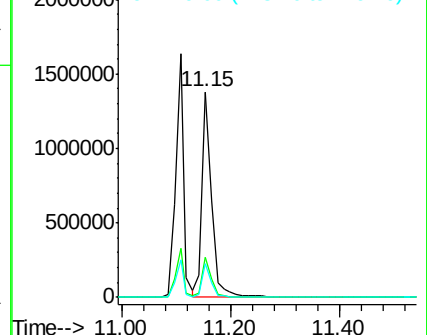
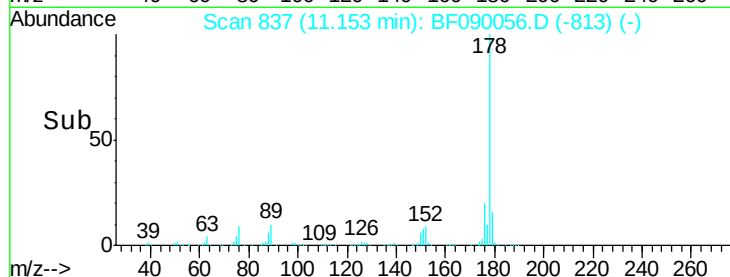
179 16.1 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.66 ng

RT: 11.31 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

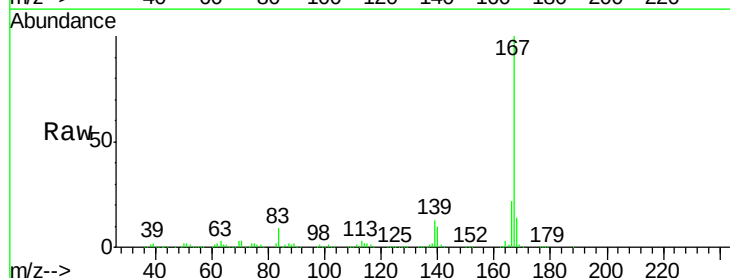
Tgt Ion:167 Resp: 1630045

Ion Ratio Lower Upper

167 100

166 22.2 18.1 27.1

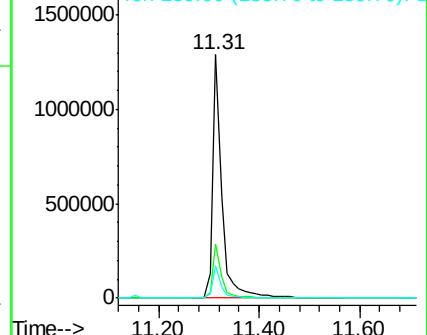
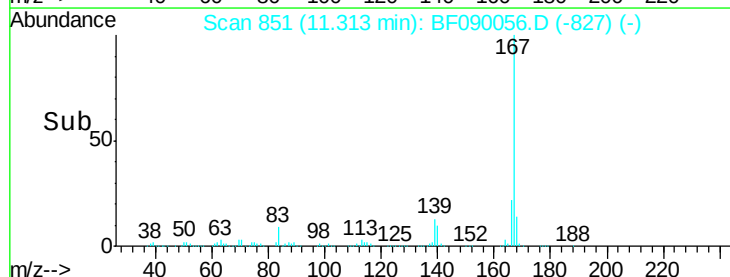
139 13.1 10.4 15.6

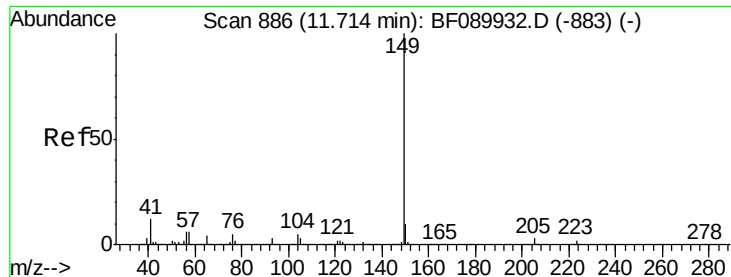


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.31 ng

RT: 11.67 min Scan# 882

Delta R.T. -0.02 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleId :

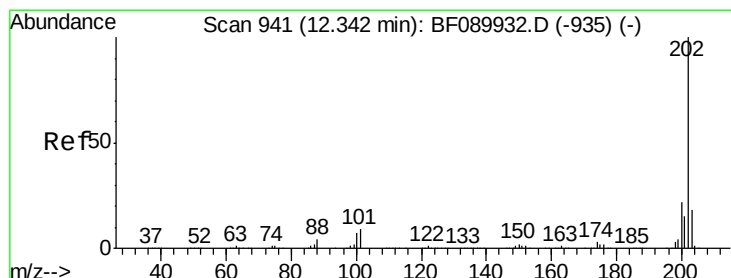
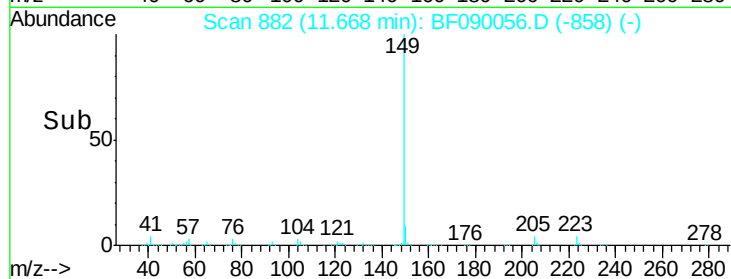
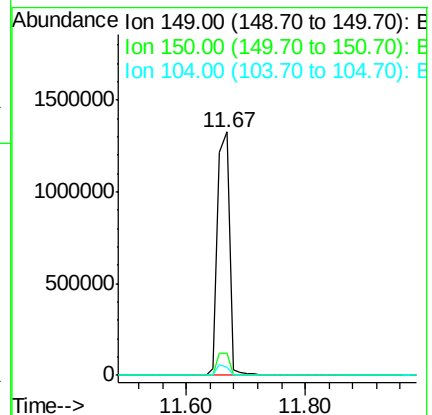
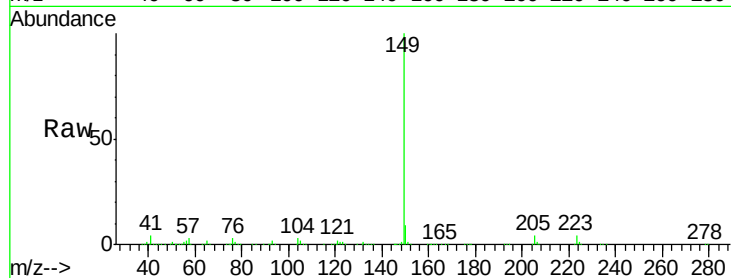
Tot Ion:149 Resp: 1833302

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.8

104 3.4 3.9 5.9#



#74

Fluoranthene

Concen: 37.43 ng

RT: 12.28 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

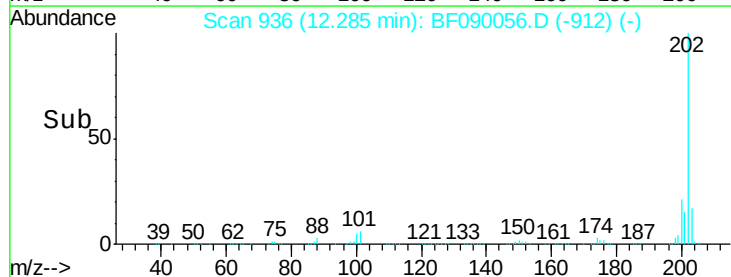
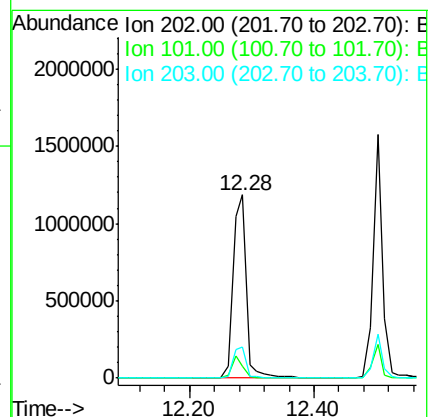
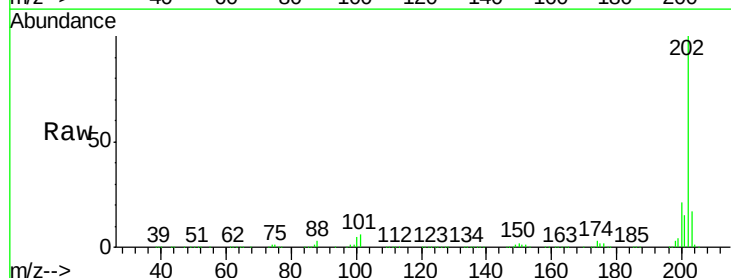
Tgt Ion:202 Resp: 1739039

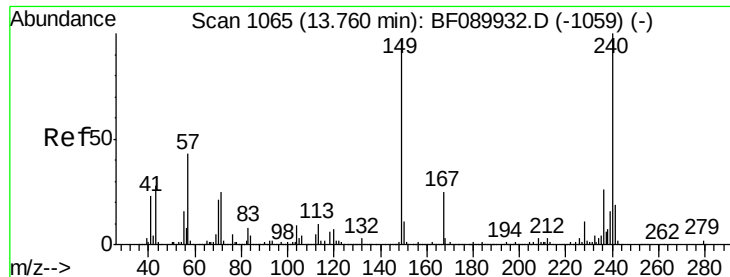
Ion Ratio Lower Upper

202 100

101 6.4 0.0 28.5

203 17.4 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.03 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleID :

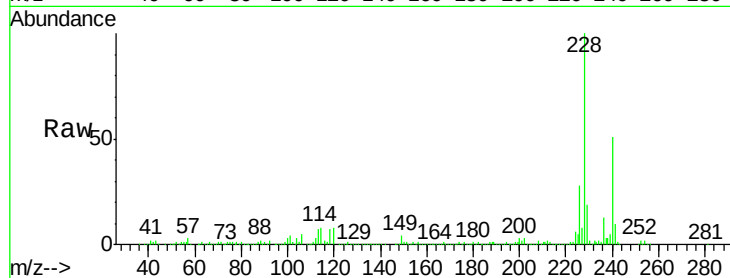
Tot Ion:240 Resp: 624448

Ion Ratio Lower Upper

240 100

120 16.1 5.7 8.5#

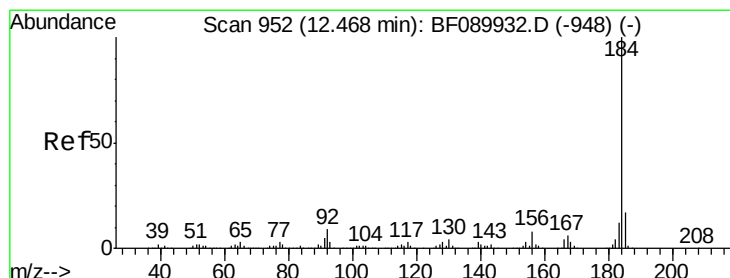
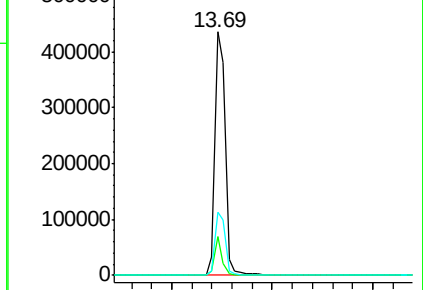
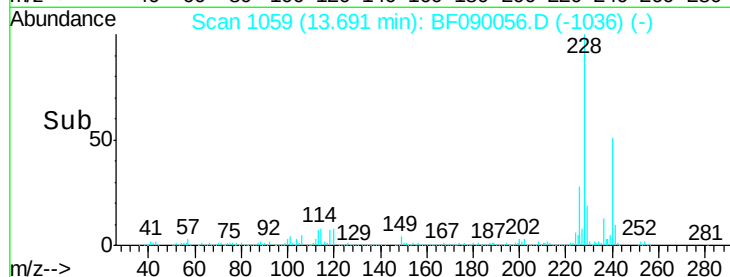
236 26.1 21.3 31.9



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: 38.90 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.03 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

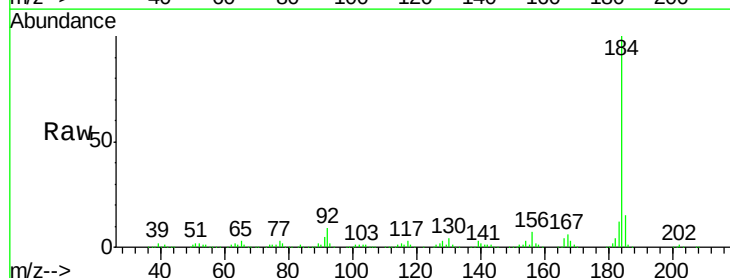
Tgt Ion:184 Resp: 920146

Ion Ratio Lower Upper

184 100

185 14.8 13.8 20.8

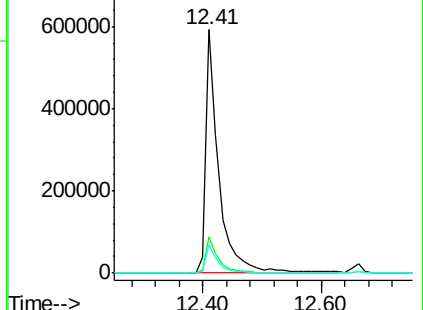
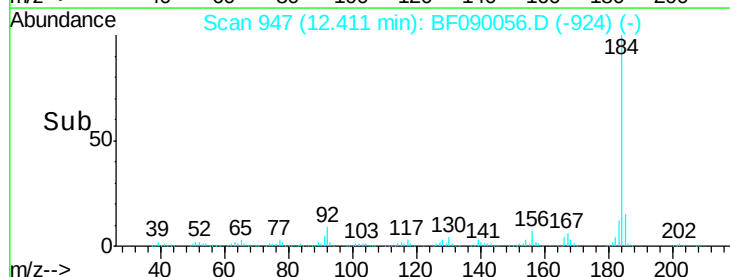
183 11.7 9.6 14.4

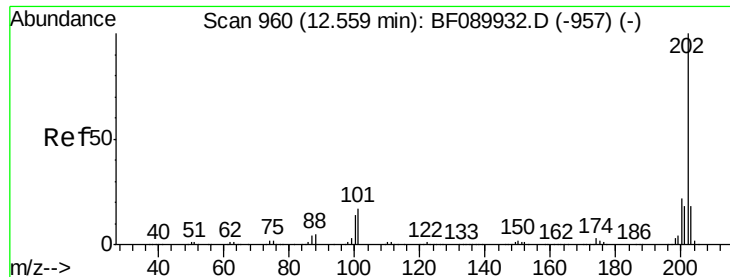


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

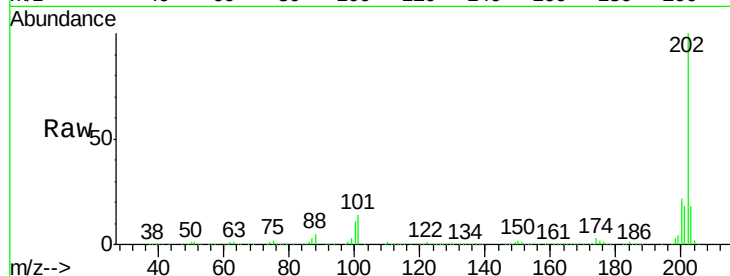




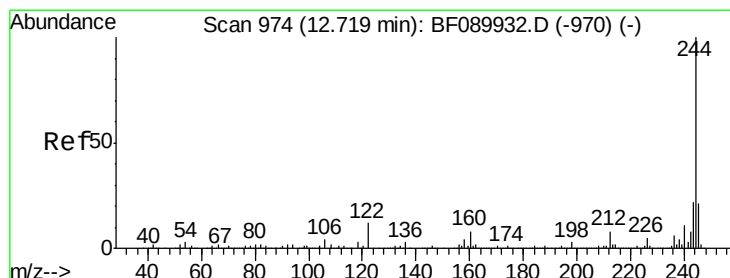
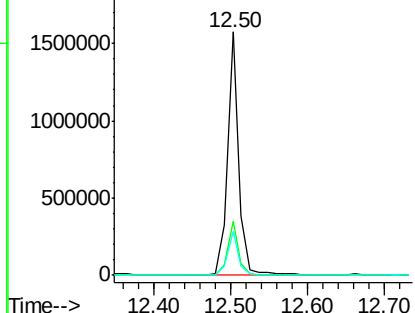
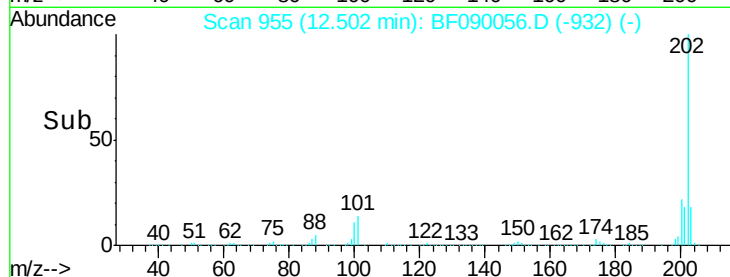
#77
Pvrene
Concen: 37.14 ng
RT: 12.50 min Scan# 955
Delta R.T. -0.03 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1634987
Ion Ratio Lower Upper
202 100
200 22.4 17.6 26.4
203 18.1 14.6 21.8

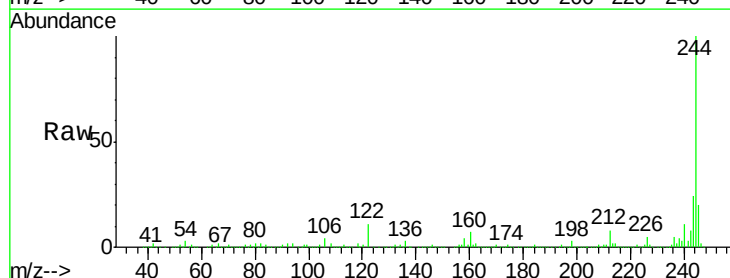


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

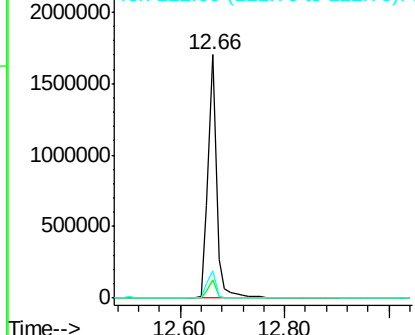
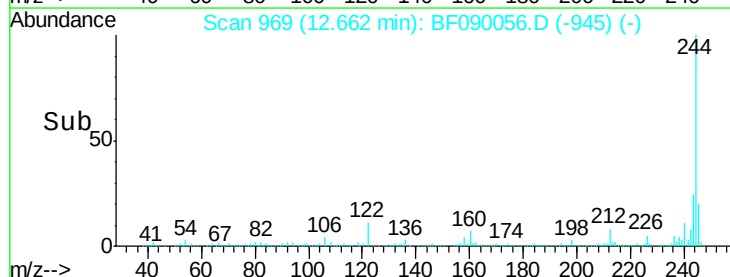


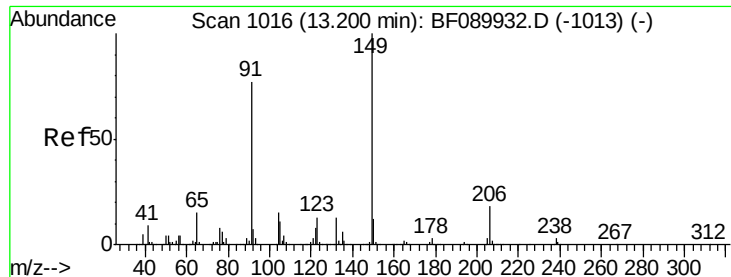
#78
Terphenyl-d14
Concen: 76.88 ng
RT: 12.66 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

Tgt Ion:244 Resp: 1943461
Ion Ratio Lower Upper
244 100
212 7.5 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

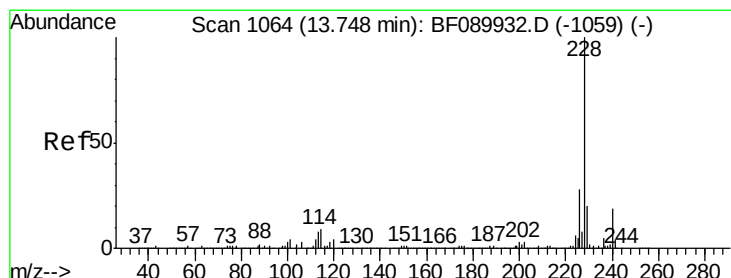
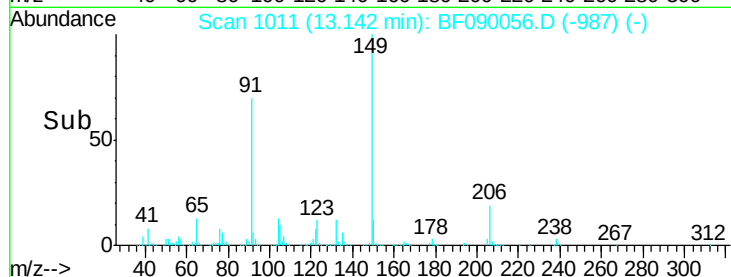
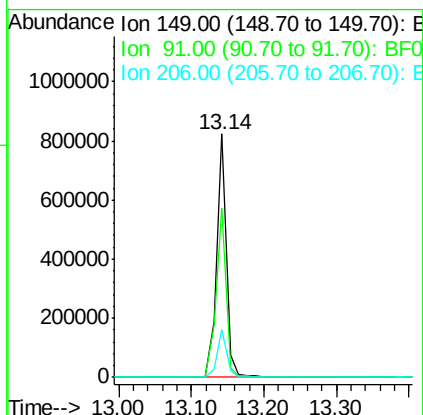
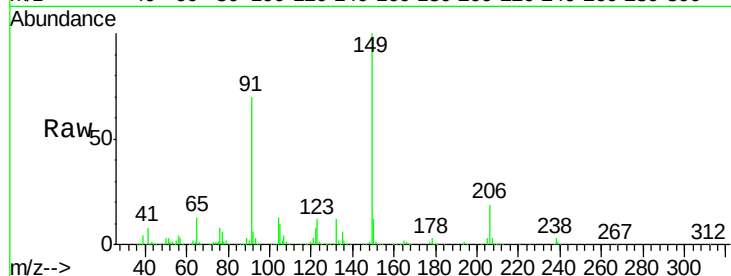




#79
Butylbenzylphthalate
Concen: 43.32 ng
RT: 13.14 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

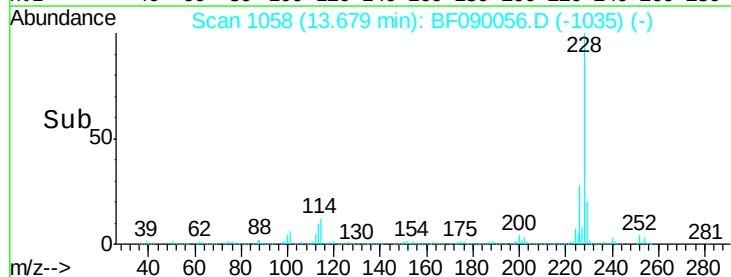
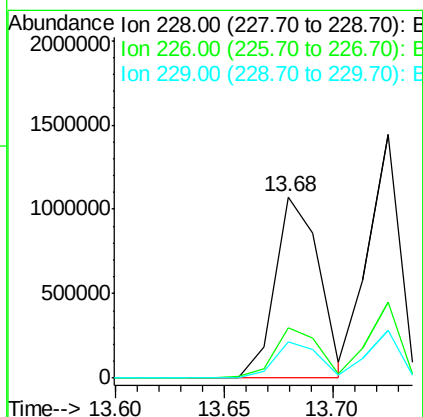
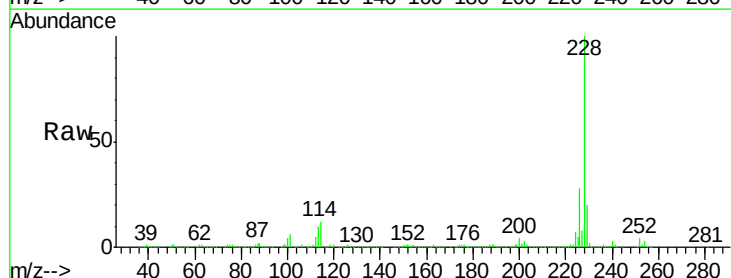
Instrument :
BNA_F
ClientSampleId :

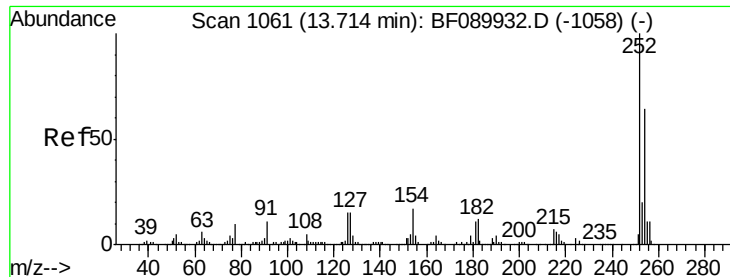
Tot Ion:149 Resp: 769218
Ion Ratio Lower Upper
149 100
91 69.5 60.0 90.0
206 19.5 15.1 22.7



#80
Benzo(a)anthracene
Concen: 39.55 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.03 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

Tgt Ion:228 Resp: 1512658
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.2
229 20.3 15.8 23.6

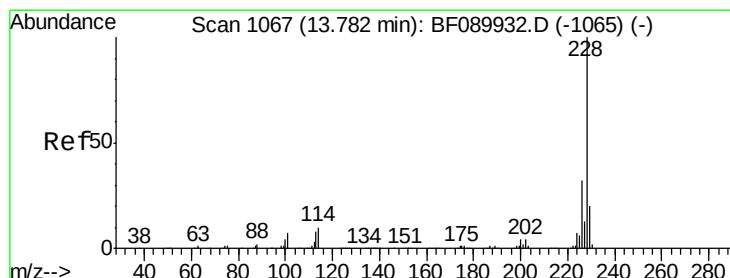
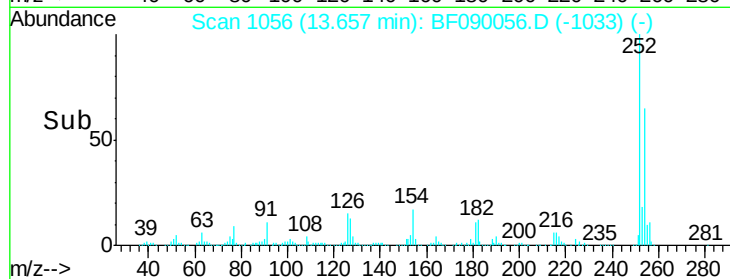
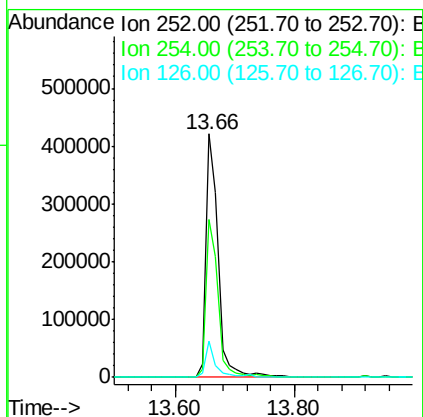
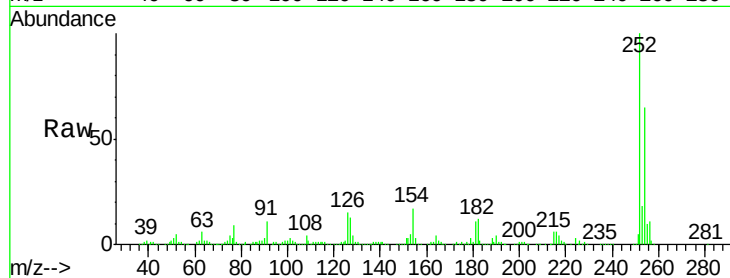




#81
 3,3'-Dichlorobenzidine
 Concen: 43.97 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.03 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

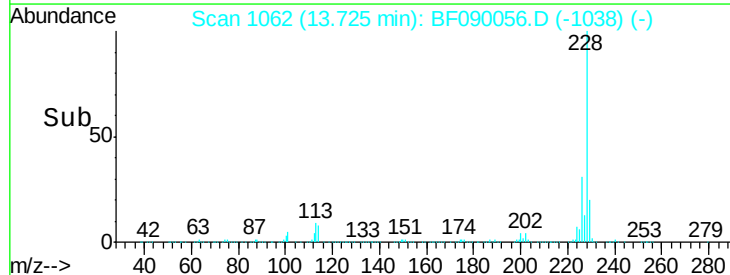
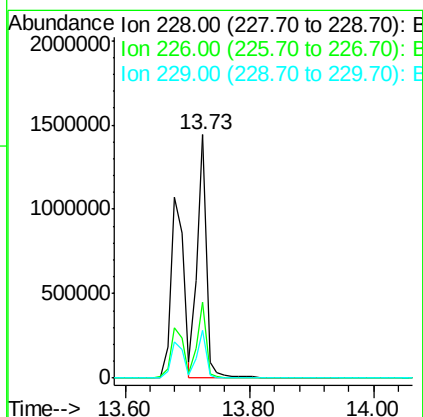
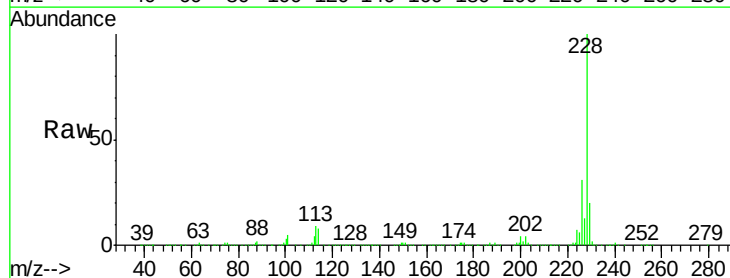
Instrument :
 BNA_F
 ClientSampled :

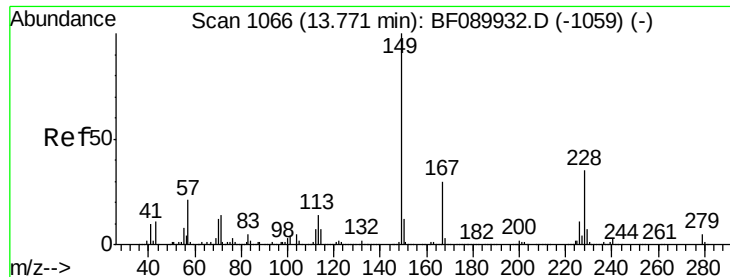
Tot Ion:252 Resp: 606998
 Ion Ratio Lower Upper
 252 100
 254 64.8 51.3 76.9
 126 14.6 12.3 18.5



#82
 Chrysene
 Concen: 42.77 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

Tgt Ion:228 Resp: 1528026
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.2 37.8
 229 19.8 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.75 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.03 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleId :

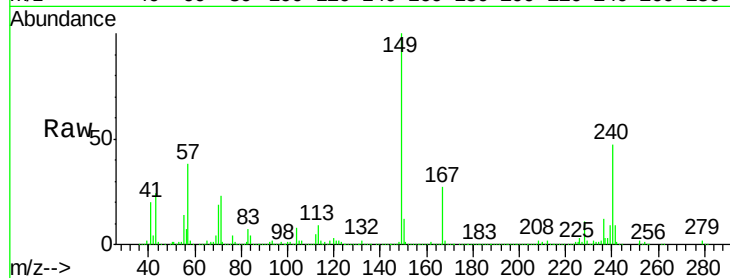
Tot Ion:149 Resp: 927079

Ion Ratio Lower Upper

149 100

167 26.5 23.6 35.4

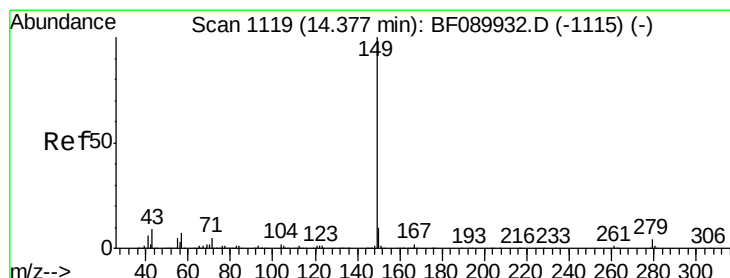
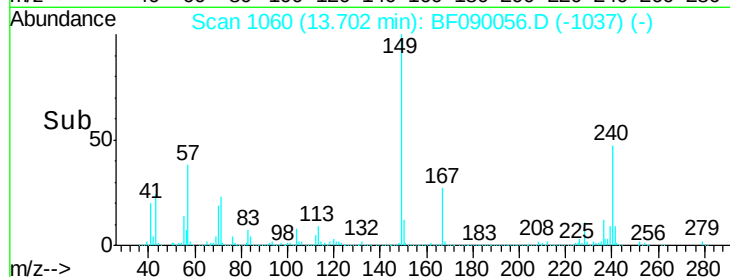
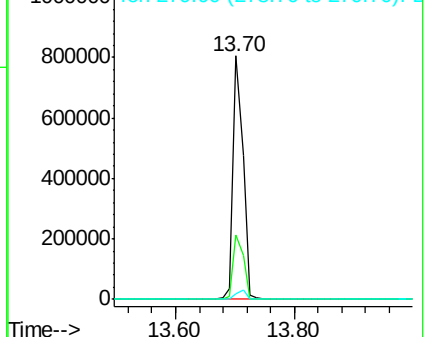
279 2.2 3.4 5.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.10 ng

RT: 14.31 min Scan# 1113

Delta R.T. -0.03 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

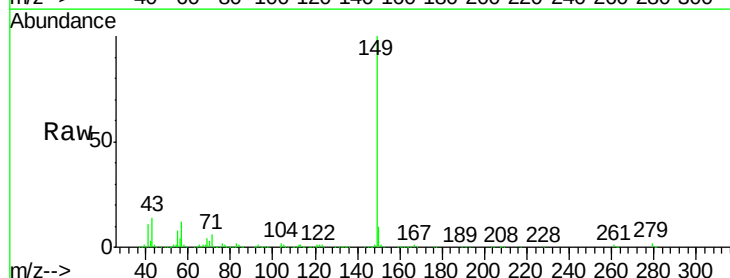
Tgt Ion:149 Resp: 1708343

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

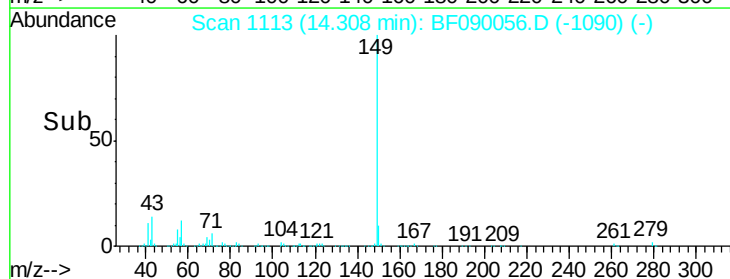
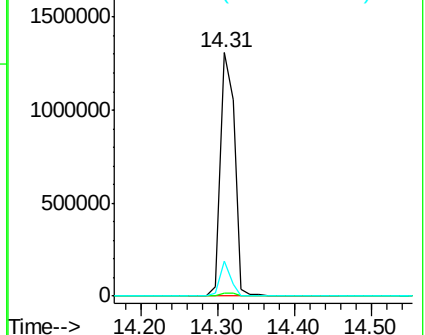
43 11.1 9.3 13.9

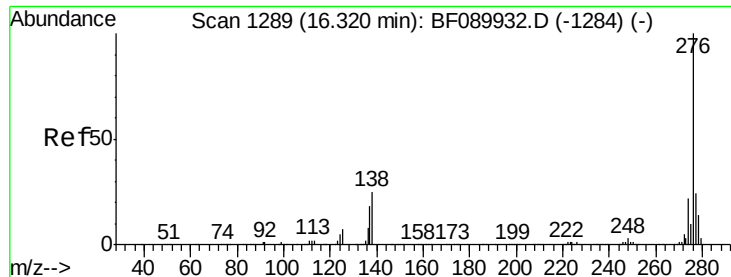


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



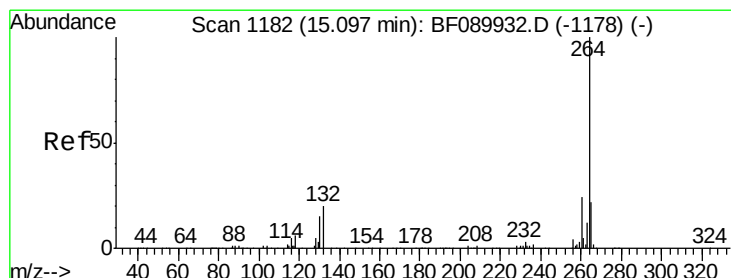
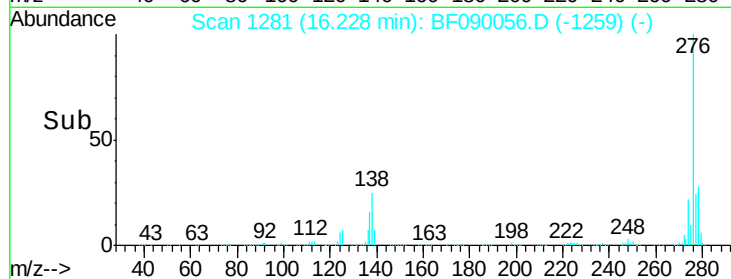
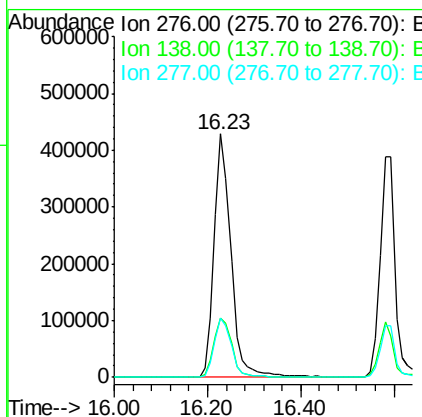
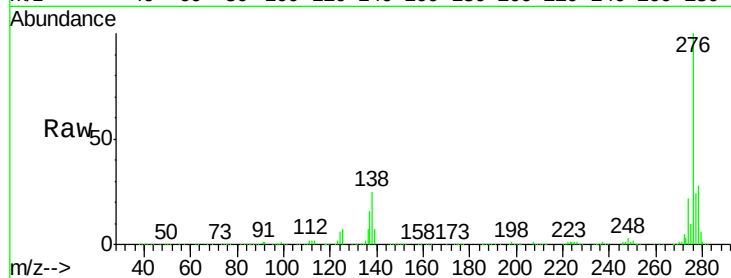


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.08 ng
 RT: 16.23 min Scan# 1281
 Delta R.T. -0.05 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1084946

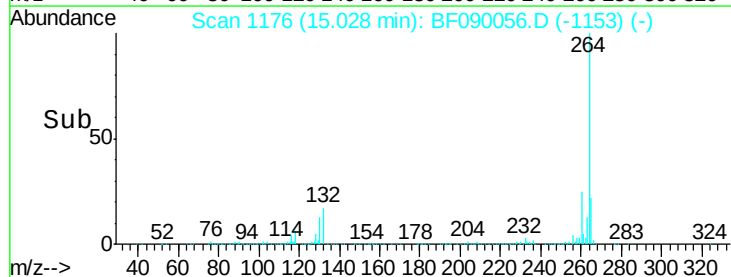
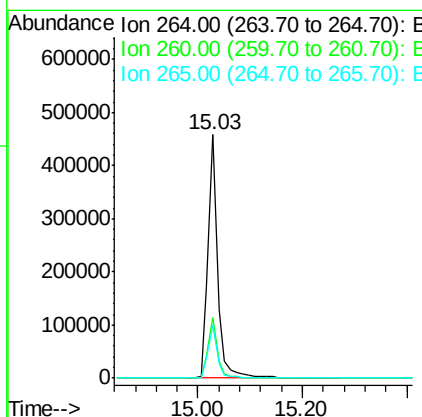
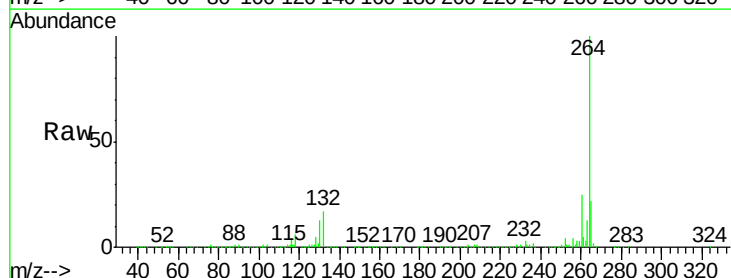
Ion	Ratio	Lower	Upper
276	100		
138	26.8	22.6	34.0
277	25.3	20.1	30.1

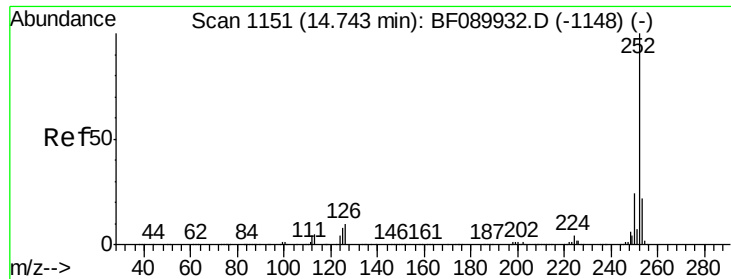


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1176
 Delta R.T. -0.03 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

Tgt Ion:264 Resp: 587153

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	21.9	17.4	26.2





#87

Benzo(b)fluoranthene

Concen: 71.46 ng

RT: 14.67 min Scan# 1145

Delta R.T. -0.03 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampled :

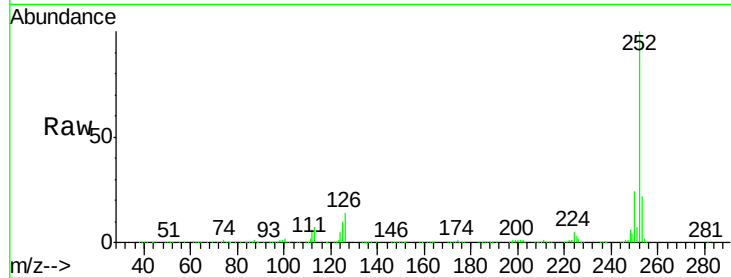
Tot Ion:252 Resp: 2628427

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

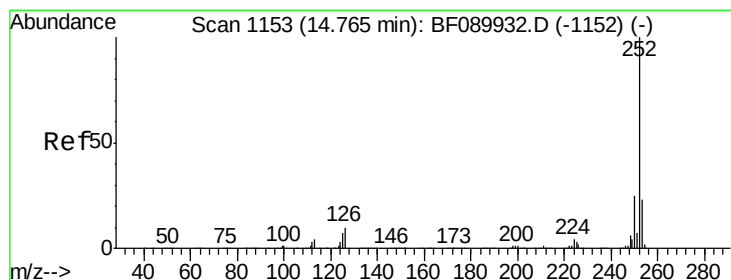
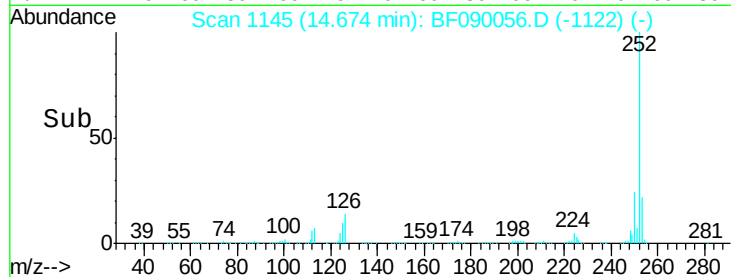
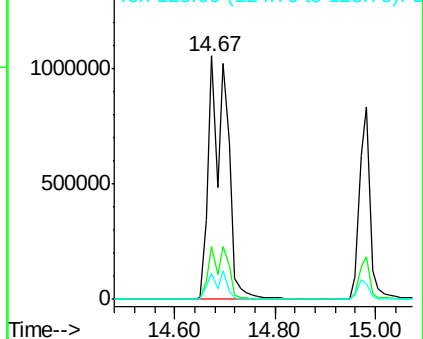
125 10.5 5.7 8.5#



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: 84.23 ng

RT: 14.67 min Scan# 1145

Delta R.T. -0.06 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

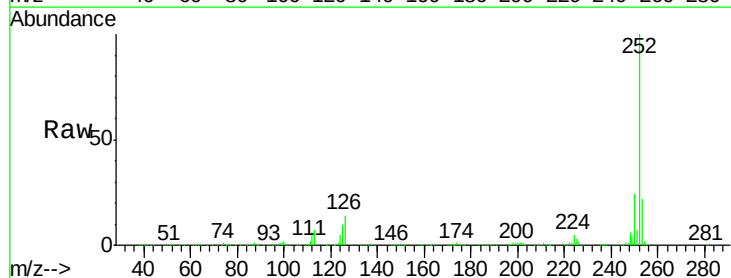
Tgt Ion:252 Resp: 2629151

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

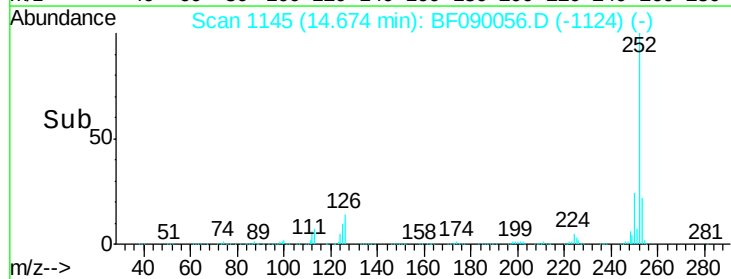
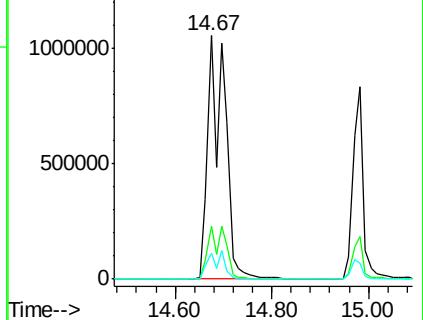
125 10.5 7.3 10.9

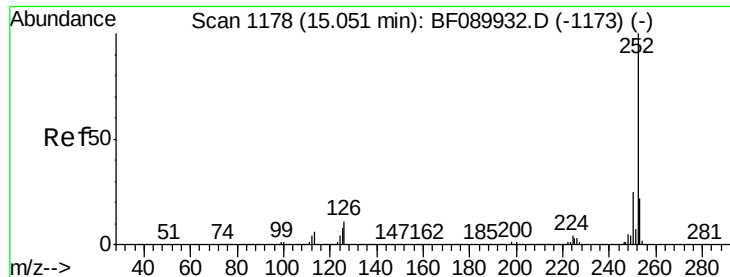


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

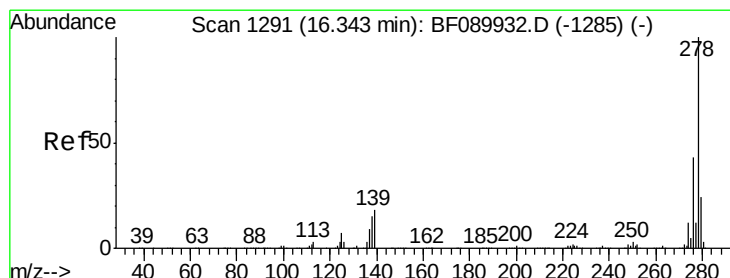
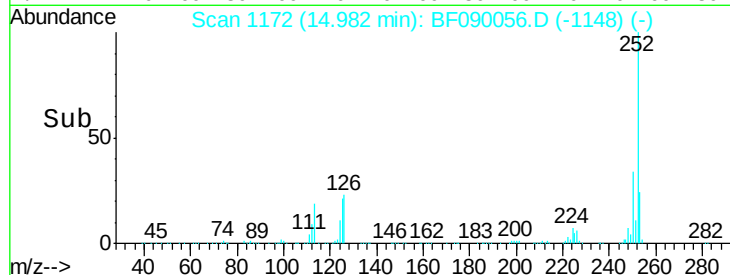
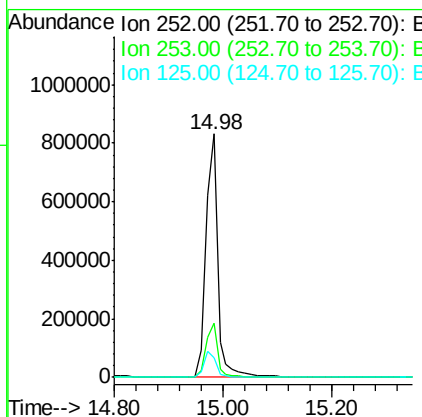
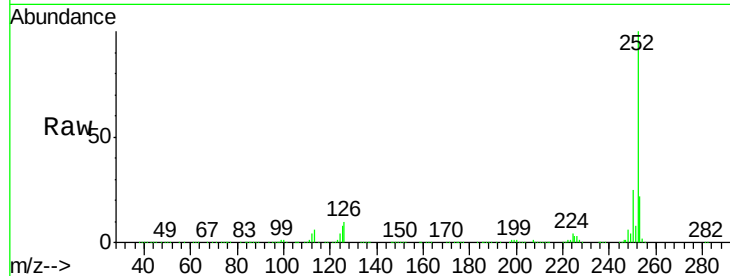




#89
Benzo(a)pyrene
Concen: 39.16 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

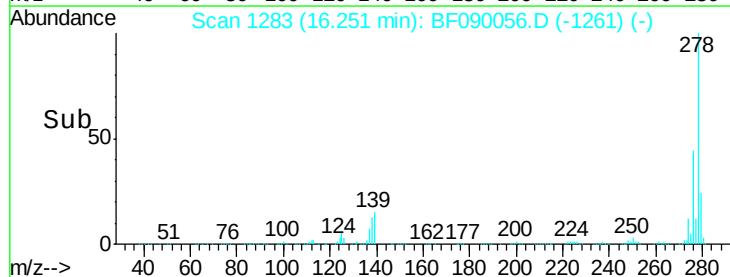
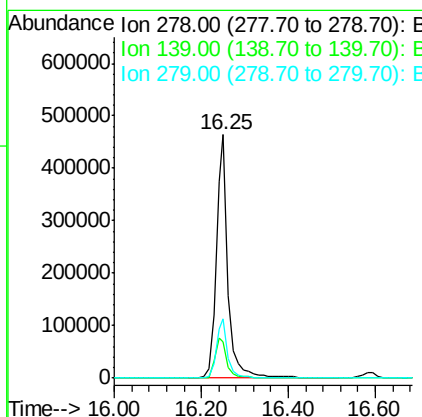
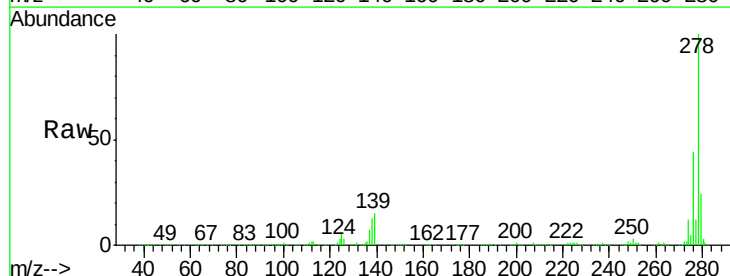
Instrument :
BNA_F
ClientSampled :

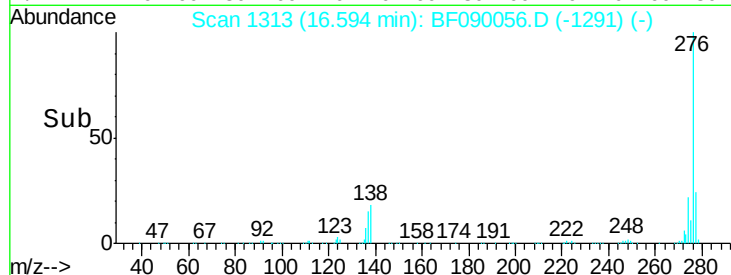
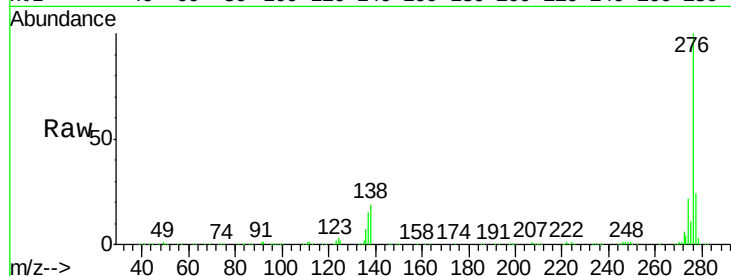
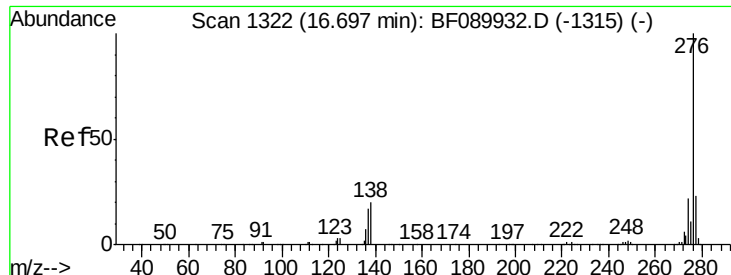
Tot Ion:252 Resp: 1234167
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 8.0 6.3 9.5



#90
Dibenzo(a,h)anthracene
Concen: 38.44 ng
RT: 16.25 min Scan# 1283
Delta R.T. -0.05 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

Tgt Ion:278 Resp: 887658
Ion Ratio Lower Upper
278 100
139 14.7 13.4 20.2
279 24.5 19.4 29.2





#91
 Benzo(a,h,i)perylene
 Concen: 38.19 ng
 RT: 16.59 min Scan# 1313
 Delta R.T. -0.05 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276	Resp:	887581
Ion Ratio	Lower	Upper
276	100	
277	23.6	19.0 28.4
138	18.6	16.4 24.6

