

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100416\
 Data File : BF090337.D
 Acq On : 4 Oct 2016 12:01
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 04 12:56:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 12:47:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	234214	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	929522	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	452795	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	633754	20.00	ng	0.00
75) Chrysene-d12	14.19	240	517595	20.00	ng	0.00
86) Perylene-d12	15.70	264	422575	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1299025	90.40	ng	0.00
7) Phenol-d6	6.63	99	1567258	88.32	ng	0.00
23) Nitrobenzene-d5	7.58	82	1396111	87.07	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	326119	83.95	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2233163	96.82	ng	0.00
78) Terphenyl-d14	13.14	244	1820484	89.30	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.71	88	295830	37.95	ng	# 87
3) Pyridine	3.47	79	781852	46.24	ng	# 83
4) n-Nitrosodimethylamine	3.42	42	285873	56.66	ng	# 58
6) Aniline	6.66	93	1049219	47.43	ng	99
8) 2-Chlorophenol	6.79	128	657860	39.79	ng	96
9) Benzaldehyde	6.56	77	345485	44.67	ng	90
10) Phenol	6.64	94	1013338	48.30	ng	88
11) bis(2-Chloroethyl)ether	6.74	93	715184	43.72	ng	98
12) 1,3-Dichlorobenzene	6.95	146	676841	39.19	ng	# 92
13) 1,4-Dichlorobenzene	7.03	146	734514	41.65	ng	97
14) 1,2-Dichlorobenzene	7.03	146	688712	43.84	ng	97
15) Benzyl Alcohol	7.14	79	511095	48.30	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1023117	52.34	ng	92
17) 2-Methylphenol	7.26	107	547942	42.08	ng	94
18) Hexachloroethane	7.53	117	273270	43.44	ng	97
19) n-Nitroso-di-n-propylamine	7.42	70	458946	44.03	ng	# 83
20) 3+4-Methylphenols	7.40	107	657166	42.03	ng	# 86
22) Acetophenone	7.42	105	851489	37.99	ng	# 91
24) Nitrobenzene	7.59	77	646903	38.72	ng	98
25) Isophorone	7.83	82	1169441	34.91	ng	98
26) 2-Nitrophenol	7.91	139	266342	32.37	ng	# 82
27) 2,4-Dimethylphenol	7.94	122	623475	42.65	ng	100
28) bis(2-Chloroethoxy)methane	8.04	93	830419	40.98	ng	98
29) 2,4-Dichlorophenol	8.15	162	515577	40.21	ng	94
30) 1,2,4-Trichlorobenzene	8.24	180	558906	43.64	ng	98
31) Naphthalene	8.32	128	1706362	38.55	ng	99
32) Benzoic acid	8.03	122	365749	36.45	ng	98
33) 4-Chloroaniline	8.36	127	785101	42.76	ng	# 90
34) Hexachlorobutadiene	8.44	225	323951	47.95	ng	99
35) Caprolactam	8.72	113	134170	31.62	ng	# 82
36) 4-Chloro-3-methylphenol	8.83	107	512561	35.37	ng	98
37) 2-Methylnaphthalene	9.02	142	1168172	42.44	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	492352	47.37	ng	99
40) Hexachlorocyclopentadiene	9.18	237	279789	54.55	ng	96

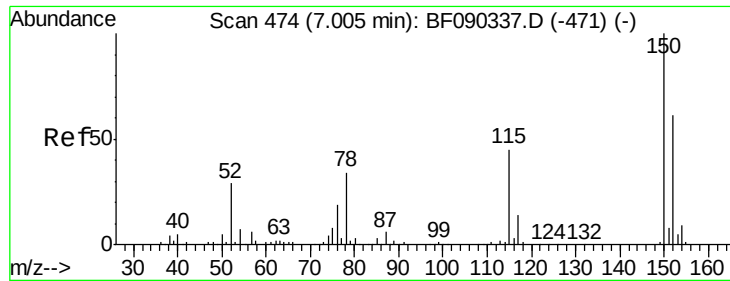
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100416\
 Data File : BF090337.D
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Quant Time: Oct 04 12:56:49 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 12:47:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	315012	42.53	nq	99
43) 2,4,5-Trichlorophenol	9.32	196	333172	43.44	nq	# 85
45) 1,1'-Biphenyl	9.47	154	1275292	39.37	nq	94
46) 2-Chloronaphthalene	9.51	162	1043014	43.64	nq	# 91
47) 2-Nitroaniline	9.59	65	285942	39.69	nq	93
48) Acenaphthylene	9.92	152	1662380	42.83	nq	99
49) Dimethylphthalate	9.77	163	1017549	35.28	nq	99
50) 2,6-Dinitrotoluene	9.83	165	208524	32.44	nq	88
51) Acenaphthene	10.09	154	954667	41.44	nq	98
52) 3-Nitroaniline	10.00	138	266058	35.30	nq	98
53) 2,4-Dinitrophenol	10.10	184	77468	27.58	nq	# 1
54) Dibenzofuran	10.26	168	1259642	41.55	nq	95
55) 4-Nitrophenol	10.15	139	224751	43.53	nq	# 69
56) 2,4-Dinitrotoluene	10.24	165	261272	34.38	nq	97
57) Fluorene	10.60	166	1050275	45.97	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	244622	42.61	nq	90
59) Diethylphthalate	10.48	149	1099183	39.47	nq	94
60) 4-Chlorophenyl-phenylether	10.60	204	495176	47.53	nq	# 81
61) 4-Nitroaniline	10.60	138	253118	32.95	nq	91
62) Azobenzene	10.75	77	1025317	35.37	nq	87
64) 4,6-Dinitro-2-methylphenol	10.64	198	106516	26.83	nq	# 80
65) n-Nitrosodiphenylamine	10.72	169	899190	43.15	nq	99
66) 4-Bromophenyl-phenylether	11.10	248	265709	42.61	nq	# 80
67) Hexachlorobenzene	11.15	284	310971	42.78	nq	# 81
68) Atrazine	11.23	200	196110	34.34	nq	97
69) Pentachlorophenol	11.35	266	187128	45.36	nq	99
70) Phenanthrene	11.58	178	1371348	46.27	nq	96
71) Anthracene	11.62	178	1411718	45.41	nq	98
72) Carbazole	11.77	167	1207868	36.75	nq	97
73) Di-n-butylphthalate	12.11	149	1569178	41.06	nq	# 96
74) Fluoranthene	12.77	202	1368582	43.02	nq	93
76) Benzidine	12.88	184	597760	34.50	nq	98
77) Pyrene	12.99	202	1377624	38.90	nq	99
79) Butylbenzylphthalate	13.61	149	542587	31.32	nq	# 78
80) Benzo(a)anthracene	14.18	228	1114328	40.02	nq	99
81) 3,3'-Dichlorobenzidine	14.15	252	400711	34.89	nq	# 98
82) Chrysene	14.22	228	997872	36.79	nq	97
83) Bis(2-ethylhexyl)phthalate	14.18	149	846494	38.18	nq	98
84) Di-n-octyl phthalate	14.80	149	1260413	33.00	nq	# 91
85) Indeno(1,2,3-cd)pyrene	17.22	276	1089389	49.67	nq	98
87) Benzo(b)fluoranthene	15.26	252	964504	41.22	nq	# 98
88) Benzo(k)fluoranthene	15.26	252	964504	43.92	nq	# 96
89) Benzo(a)pyrene	15.63	252	927655	42.14	nq	98
90) Dibenzo(a,h)anthracene	17.23	278	912349	53.12	nq	# 95
91) Benzo(g,h,i)perylene	17.68	276	882746	52.51	nq	98

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

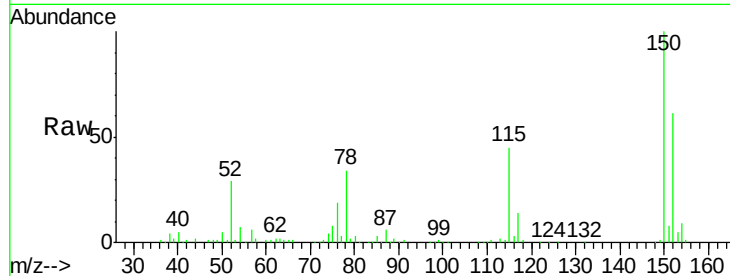


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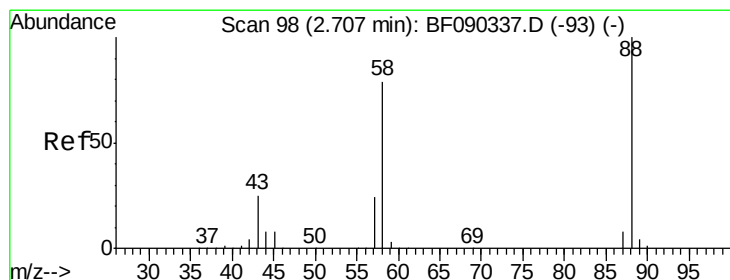
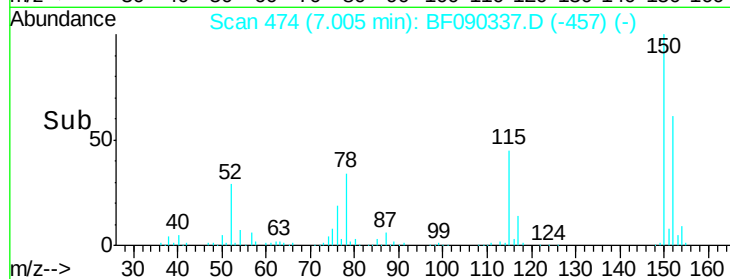
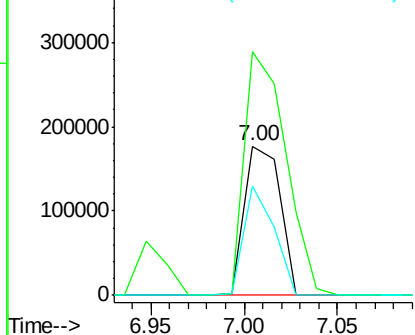
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF090337.D
Acq: 4 Oct 2016 12:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 234214
Ion Ratio Lower Upper
152 100
150 162.8 124.6 186.8
115 73.2 46.2 69.4#



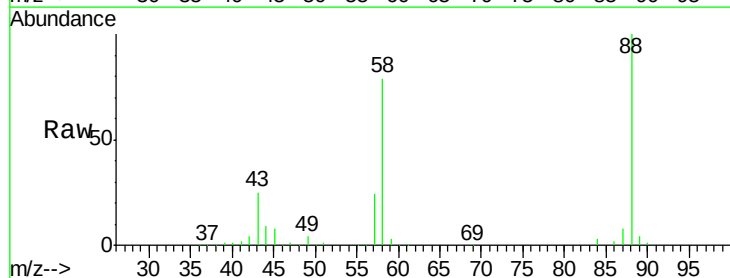
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



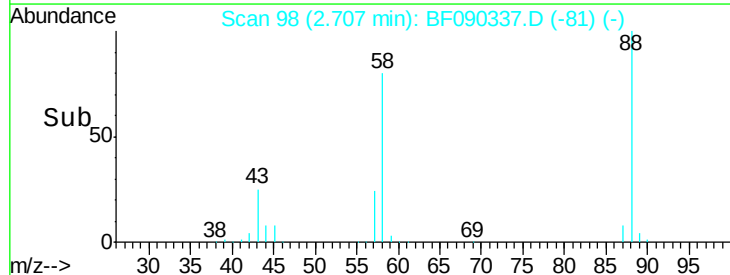
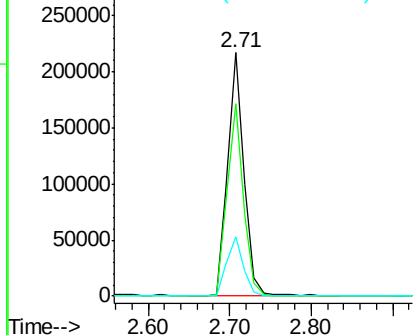
#2

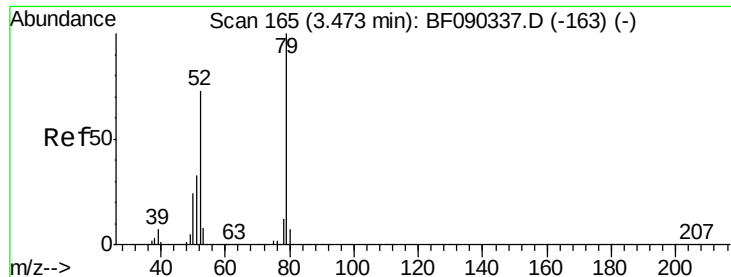
1,4-Dioxane
Concen: 37.95 ng
RT: 2.71 min Scan# 98
Delta R.T. 0.00 min
Lab File: BF090337.D
Acq: 4 Oct 2016 12:01

Tgt Ion: 88 Resp: 295830
Ion Ratio Lower Upper
88 100
58 79.3 71.2 106.8
43 25.2 29.8 44.6#



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: 46.24 ng

RT: 3.47 min Scan# 165

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

Instrument :

BNA_F

ClientSampled :

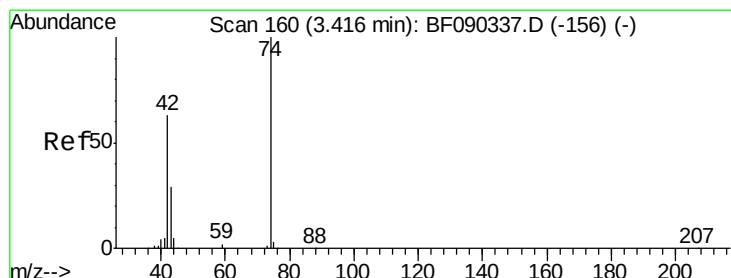
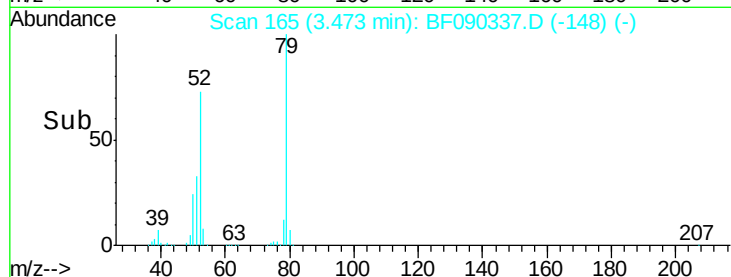
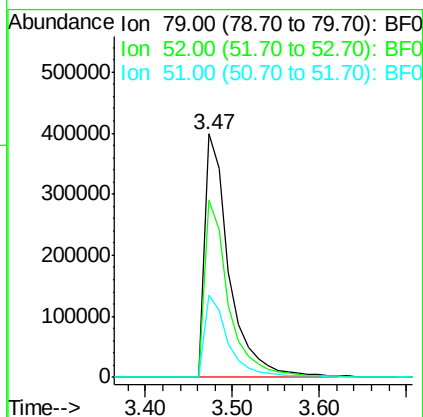
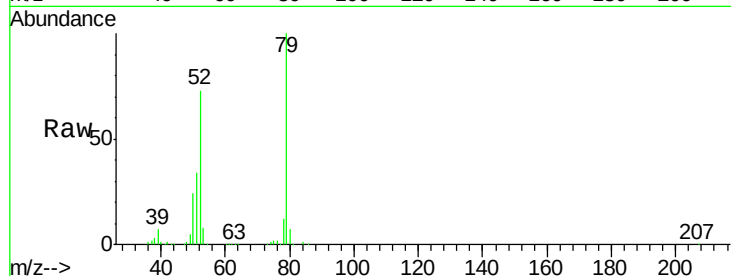
Tot Ion: 79 Resp: 781852

Ion Ratio Lower Upper

79 100

52 72.7 71.3 106.9

51 33.6 34.5 51.7#



#4

n-Nitrosodimethylamine

Concen: 56.66 ng

RT: 3.42 min Scan# 160

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

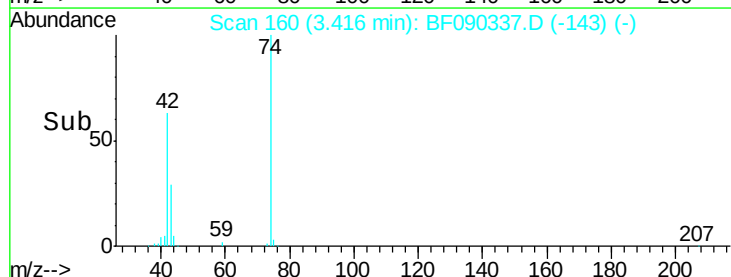
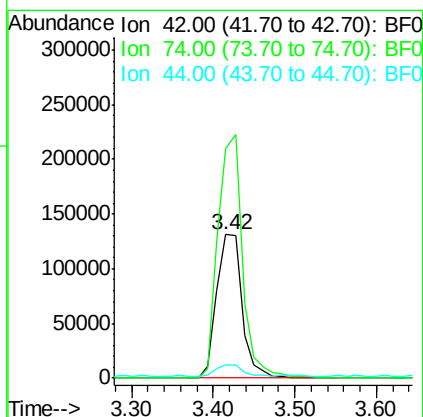
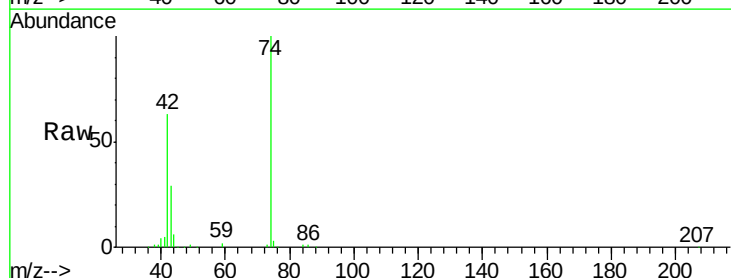
Tgt Ion: 42 Resp: 285873

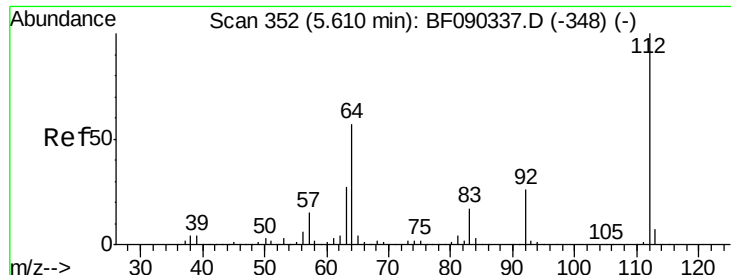
Ion Ratio Lower Upper

42 100

74 159.3 88.9 133.3#

44 9.2 6.5 9.7





#5

2-Fluorophenol

Concen: 90.40 ng

RT: 5.61 min Scan# 352

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

Instrument :

BNA_F

ClientSampleId :

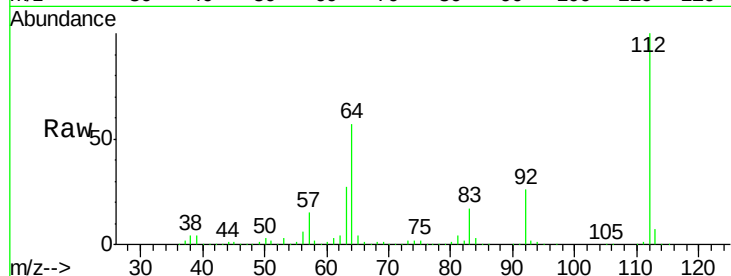
Tot Ion:112 Resp: 1299025

Ion Ratio Lower Upper

112 100

64 56.8 57.9 86.9#

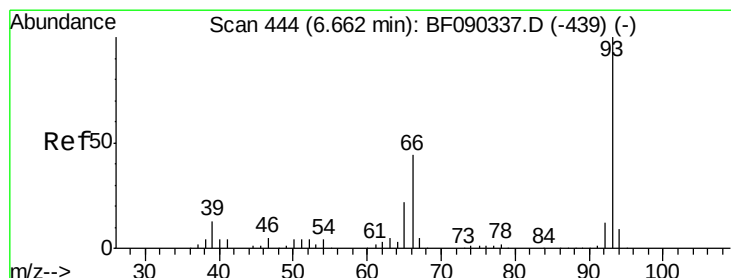
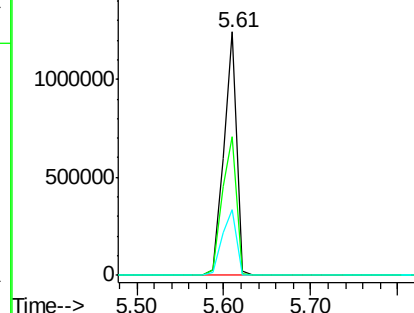
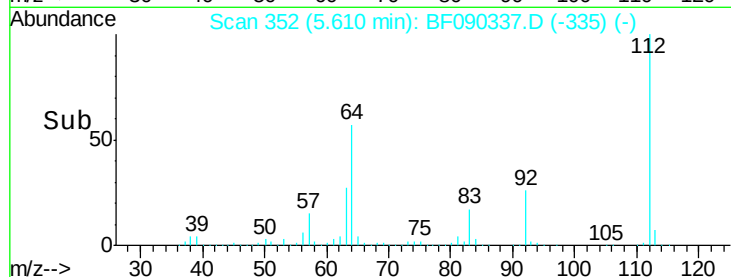
63 27.2 29.6 44.4#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 47.43 ng

RT: 6.66 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

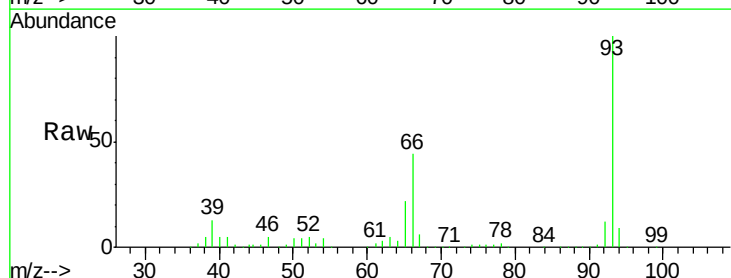
Tgt Ion: 93 Resp: 1049219

Ion Ratio Lower Upper

93 100

66 44.0 34.5 51.7

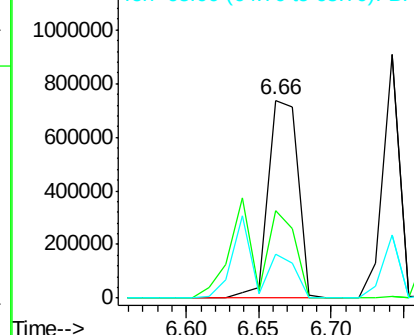
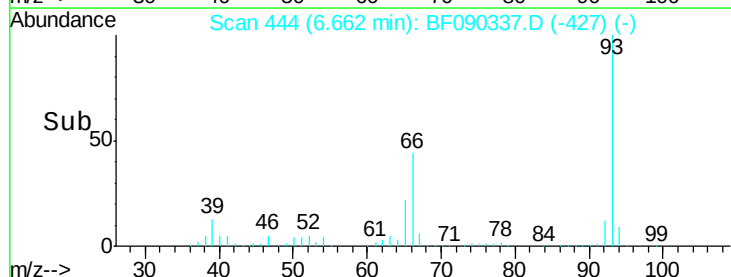
65 22.1 18.2 27.2

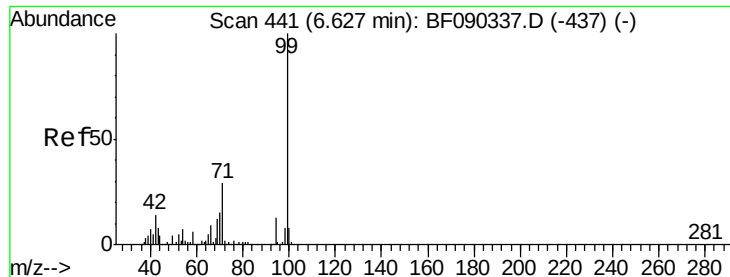


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 88.32 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

Instrument :

BNA_F

ClientSampleId :

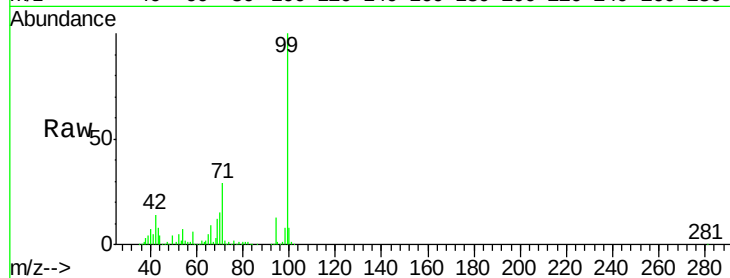
Tot Ion: 99 Resp: 1567258

Ion Ratio Lower Upper

99 100

42 14.5 20.0 30.0#

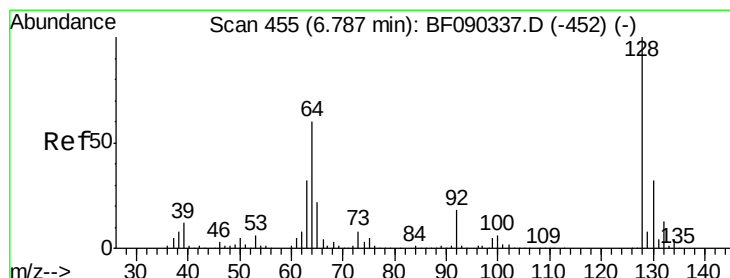
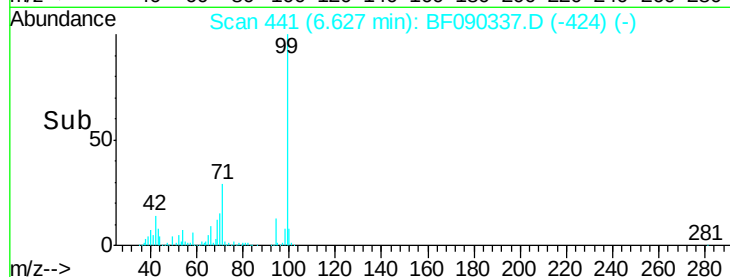
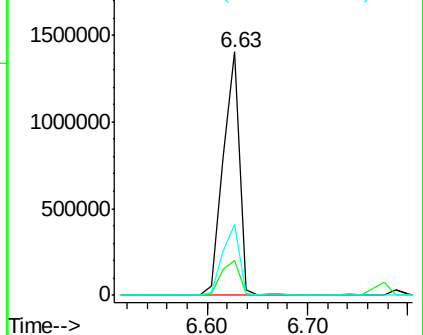
71 29.0 27.9 41.9



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: 39.79 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

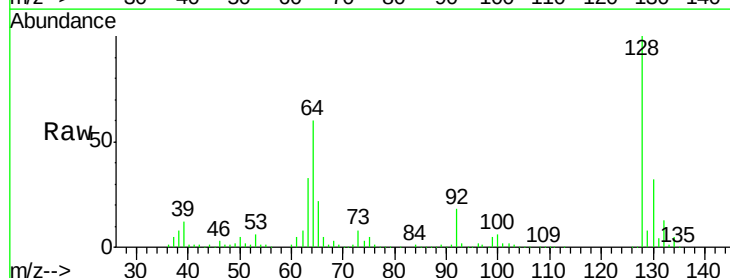
Tgt Ion: 128 Resp: 657860

Ion Ratio Lower Upper

128 100

130 32.3 13.3 53.3

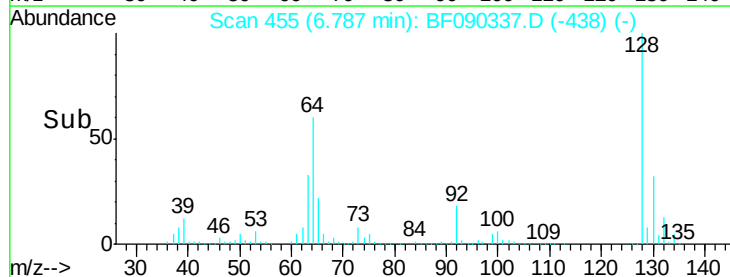
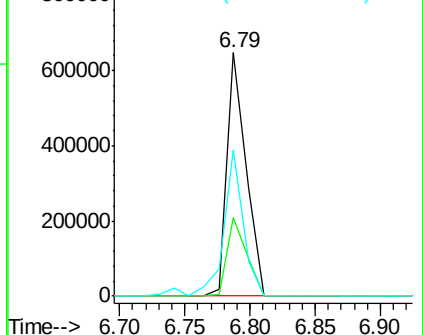
64 60.0 36.0 76.0

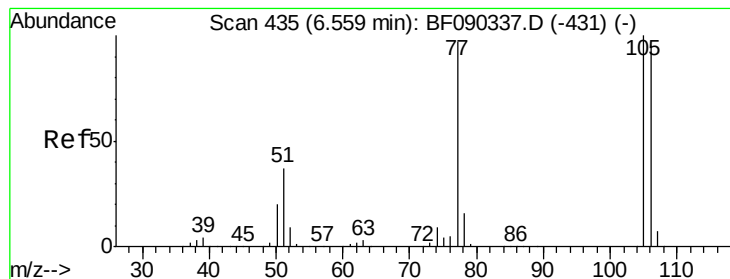


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 44.67 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

Instrument :

BNA_F

ClientSampleId :

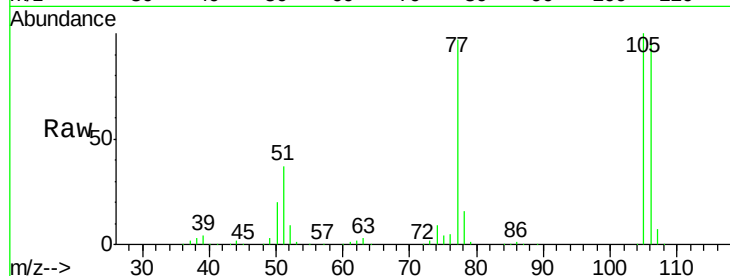
Tot Ion: 77 Resp: 345485

Ion Ratio Lower Upper

77 100

105 103.4 73.1 113.1

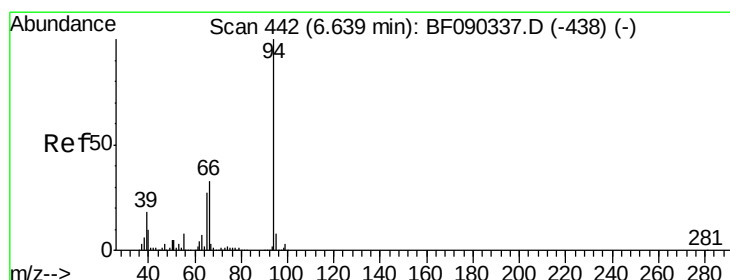
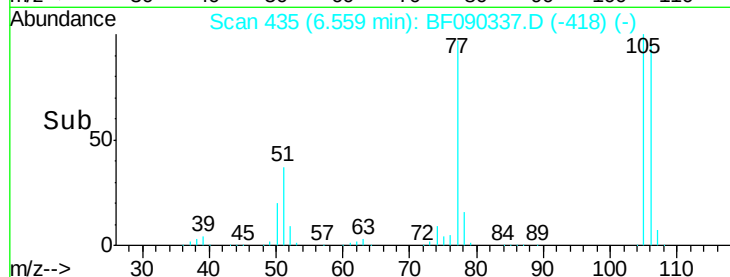
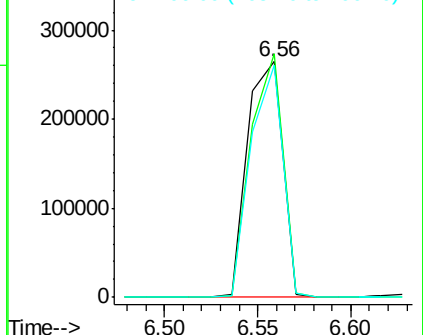
106 98.7 70.2 110.2



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: 48.30 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

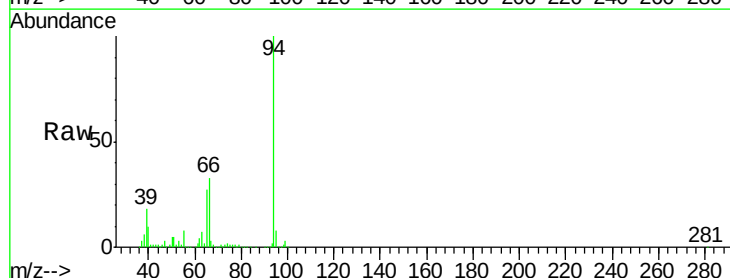
Tgt Ion: 94 Resp: 1013338

Ion Ratio Lower Upper

94 100

65 26.7 13.3 53.3

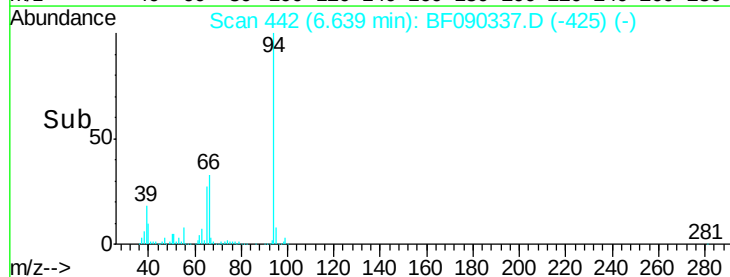
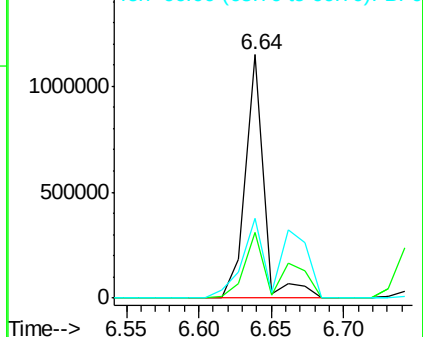
66 32.6 20.4 60.4

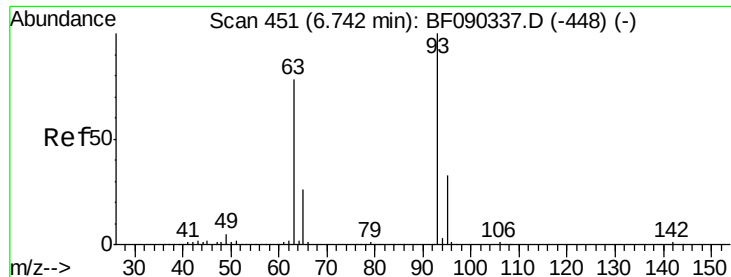


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.72 ng

RT: 6.74 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

Instrument :

BNA_F

ClientSampleId :

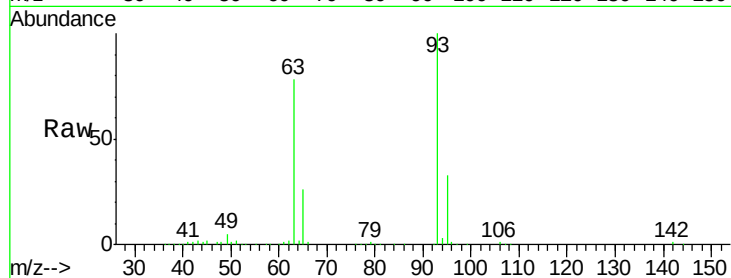
Tot Ion: 93 Resp: 715184

Ion Ratio Lower Upper

93 100

63 78.0 59.7 99.7

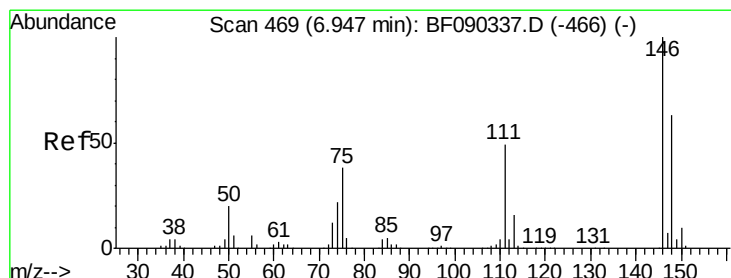
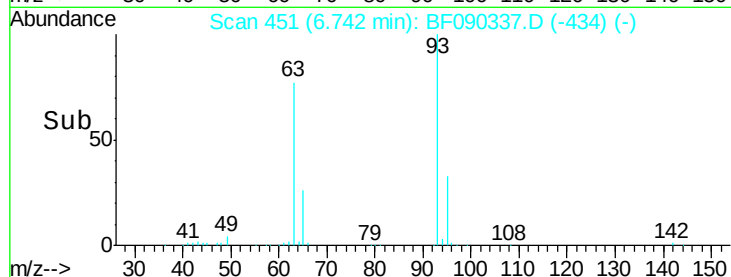
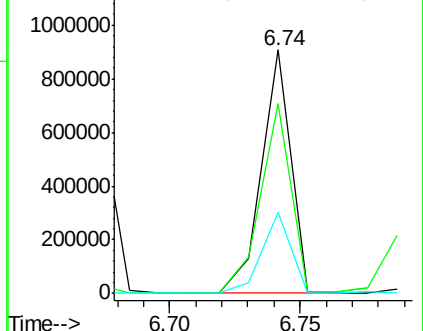
95 33.4 14.0 54.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.19 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

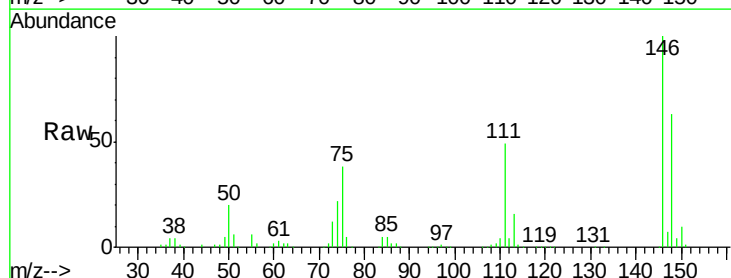
Tgt Ion: 146 Resp: 676841

Ion Ratio Lower Upper

146 100

148 63.1 52.2 78.4

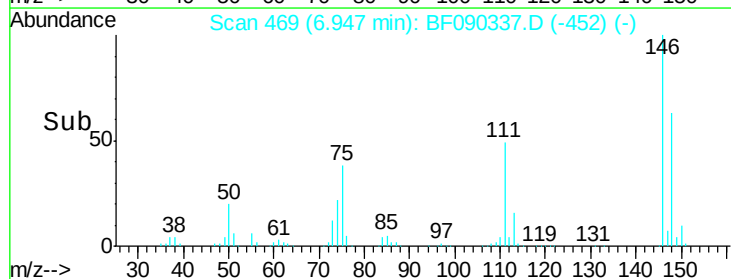
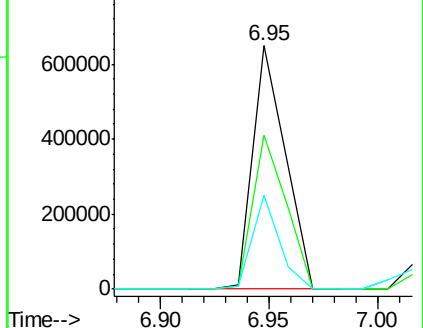
75 38.3 21.4 32.2#

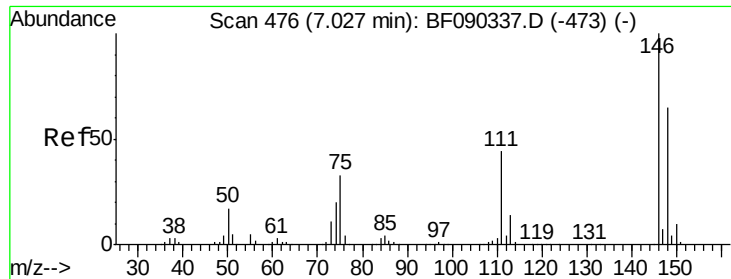


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

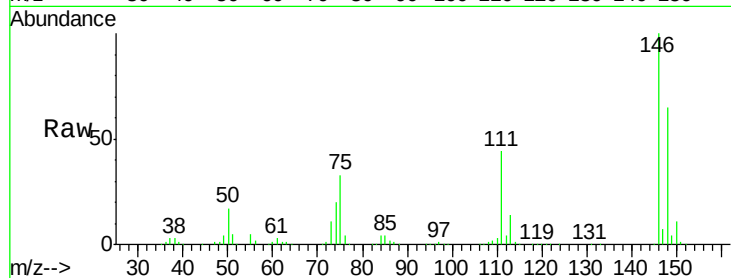




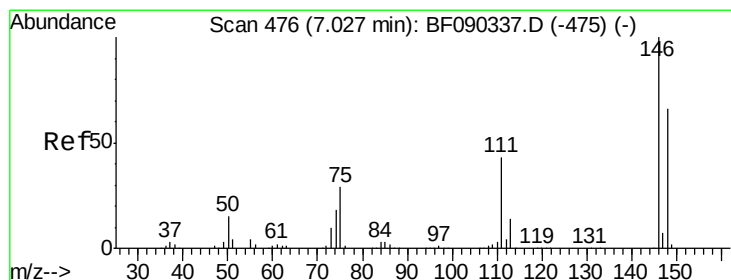
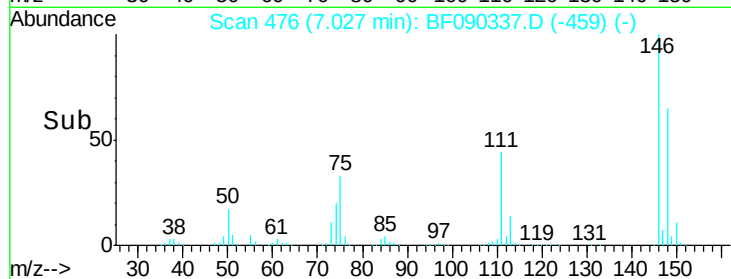
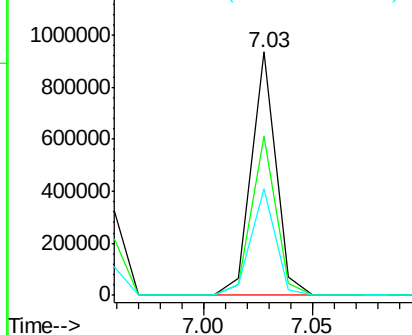
#13
 1,4-Dichlorobenzene
 Concen: 41.65 ng
 RT: 7.03 min Scan# 476
 Delta R.T. 0.00 min
 Lab File: BF090337.D
 Acq: 4 Oct 2016 12:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 734514
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.1 76.7
 111 43.9 37.8 56.6

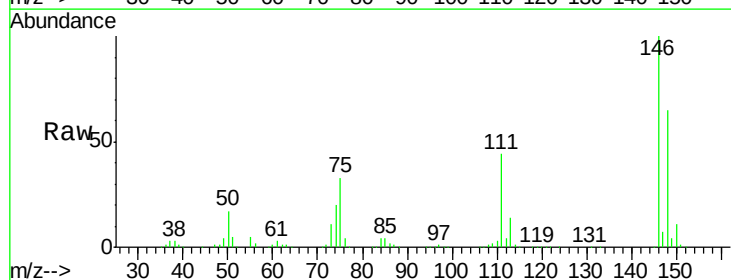


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

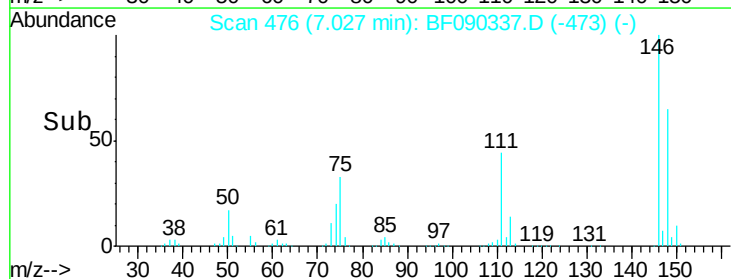
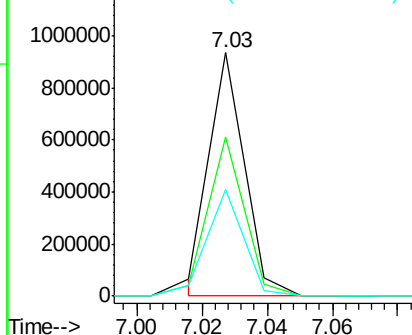


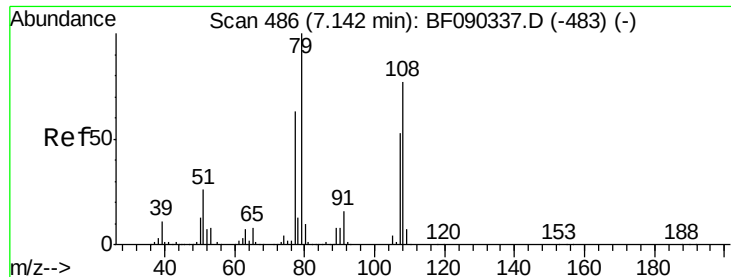
#14
 1,2-Dichlorobenzene
 Concen: 43.84 ng
 RT: 7.03 min Scan# 476
 Delta R.T. -0.16 min
 Lab File: BF090337.D
 Acq: 4 Oct 2016 12:01

Tgt Ion:146 Resp: 688712
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.3 78.5
 111 43.9 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.30 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

Instrument :

BNA_F

ClientSampleId :

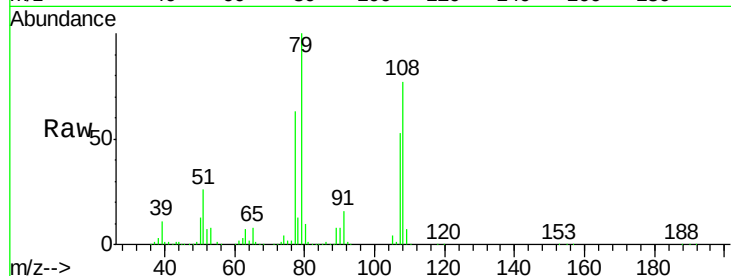
Tot Ion: 79 Resp: 511095

Ion Ratio Lower Upper

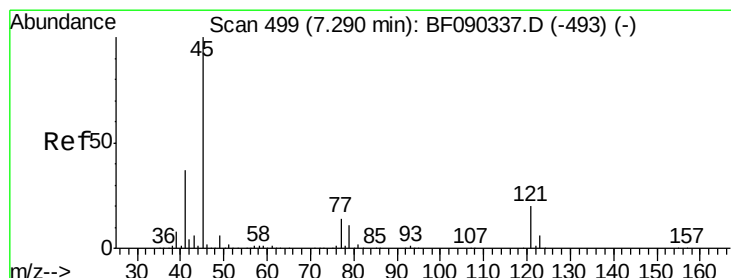
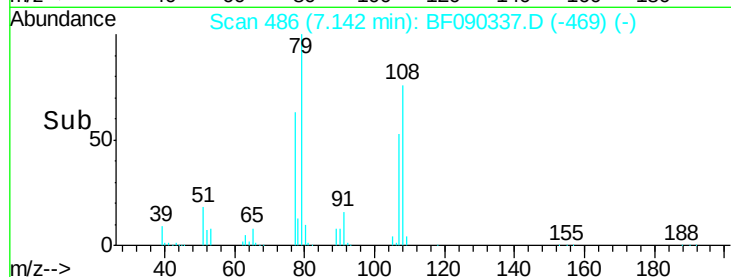
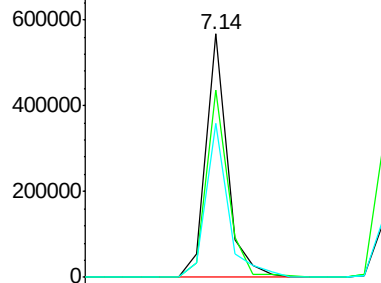
79 100

108 76.9 60.9 91.3

77 63.3 51.5 77.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 52.34 ng

RT: 7.29 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

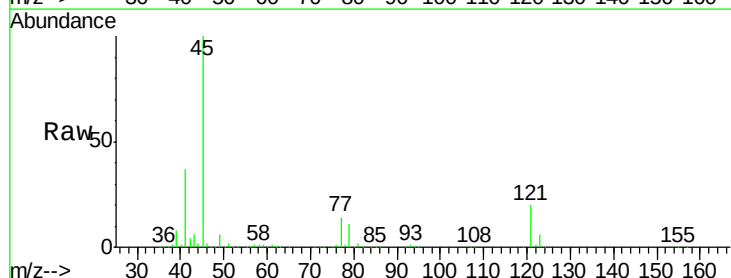
Tgt Ion: 45 Resp: 1023117

Ion Ratio Lower Upper

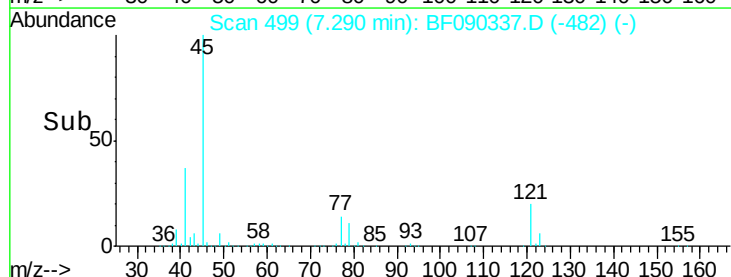
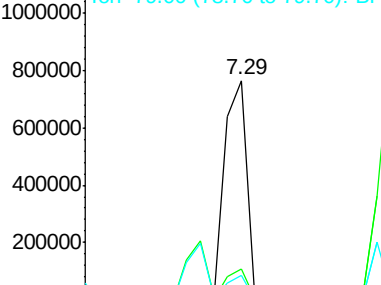
45 100

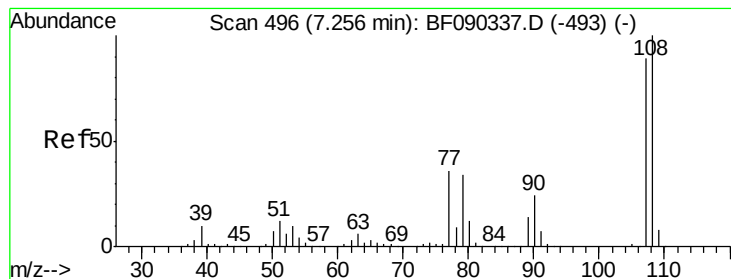
77 14.1 0.0 30.8

79 11.1 0.0 28.2



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

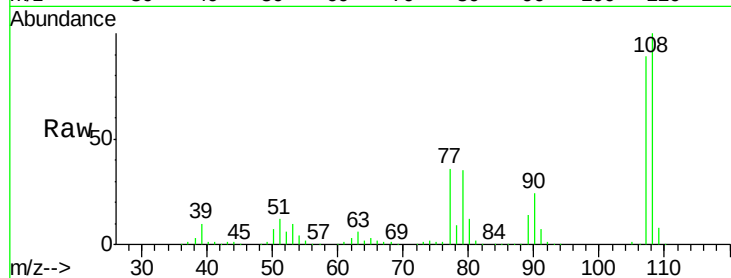




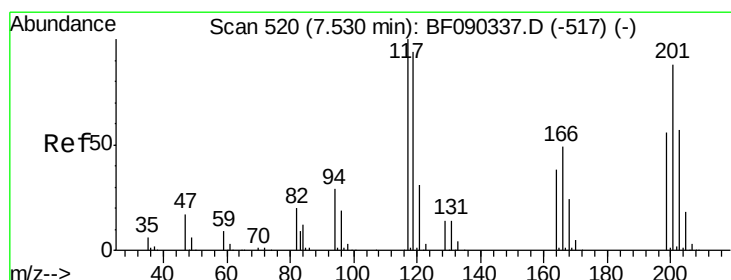
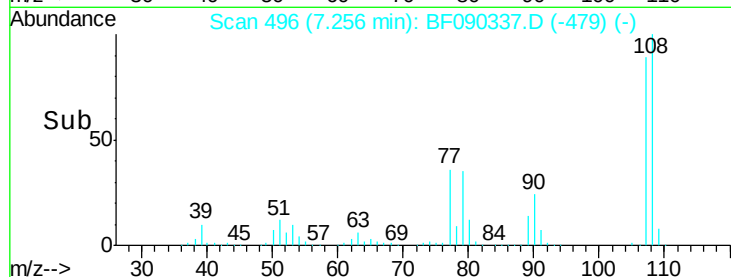
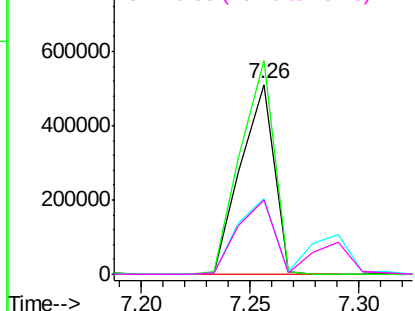
#17
2-Methylphenol
Concen: 42.08 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF090337.D
Acq: 4 Oct 2016 12:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	547942
Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.9	136.3
77	40.2	38.2	57.4
79	38.9	37.0	55.4

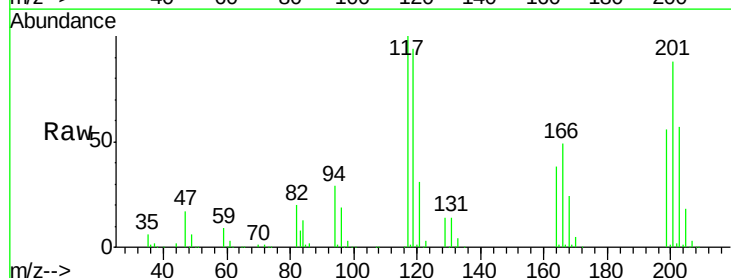


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

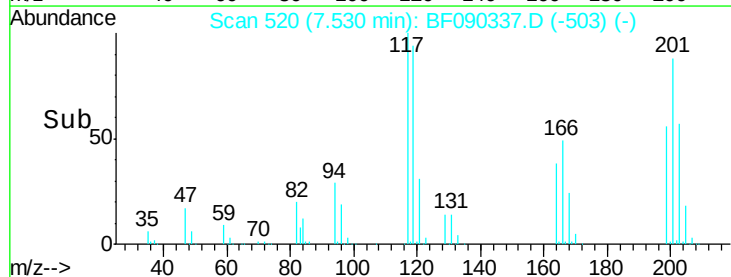
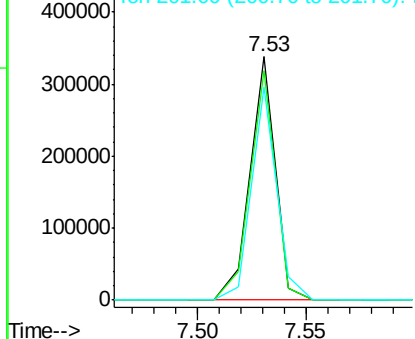


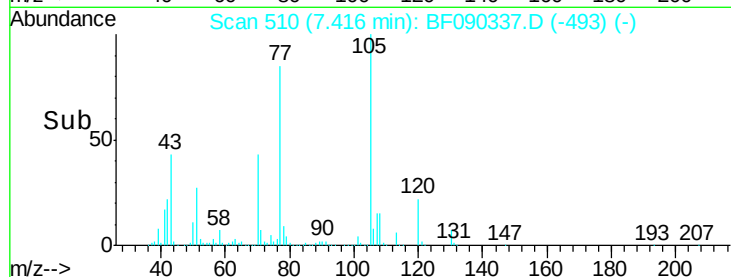
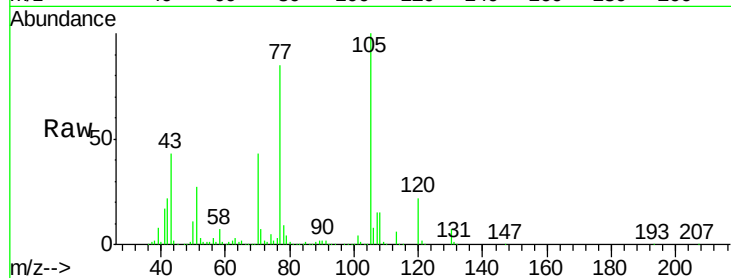
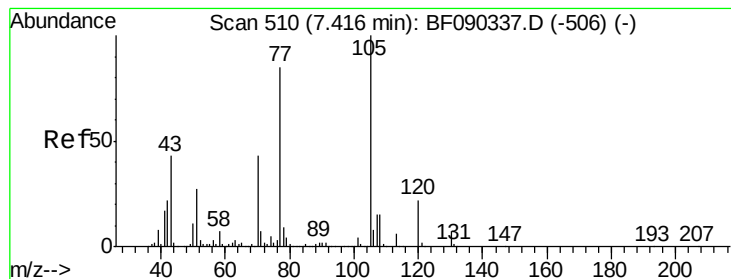
#18
Hexachloroethane
Concen: 43.44 ng
RT: 7.53 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF090337.D
Acq: 4 Oct 2016 12:01

Tgt Ion:	117	Resp:	273270
Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.9	113.9
201	87.7	66.5	99.7



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: 44.03 ng

RT: 7.42 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 458946

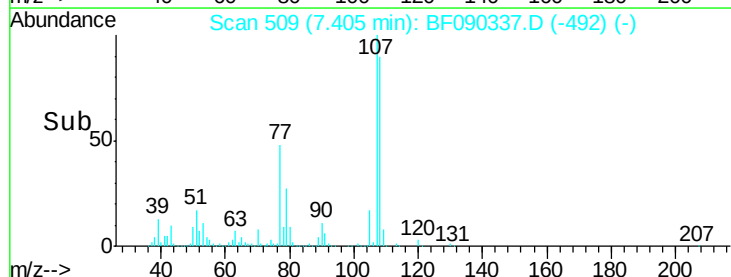
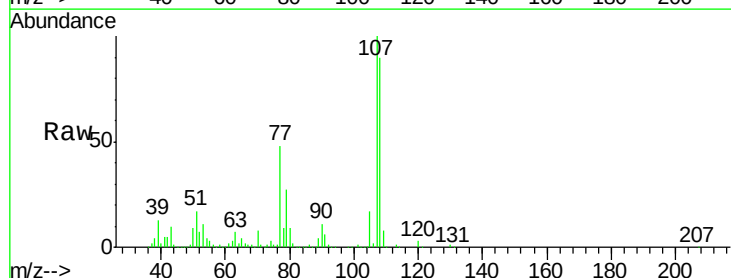
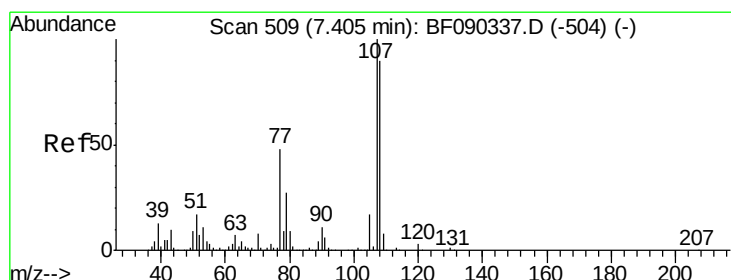
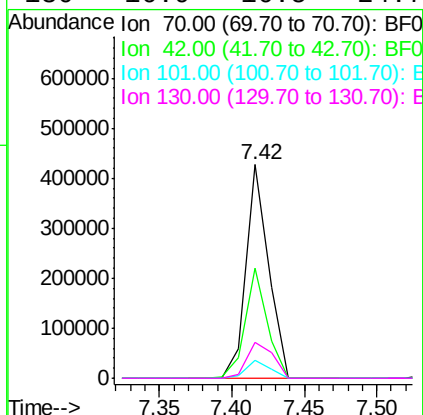
Ion Ratio Lower Upper

70 100

42 51.4 55.4 83.2#

101 8.3 7.6 11.4

130 16.9 16.5 24.7



#20

3+4-Methylphenols

Concen: 42.03 ng

RT: 7.40 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

Tgt Ion:107 Resp: 657166

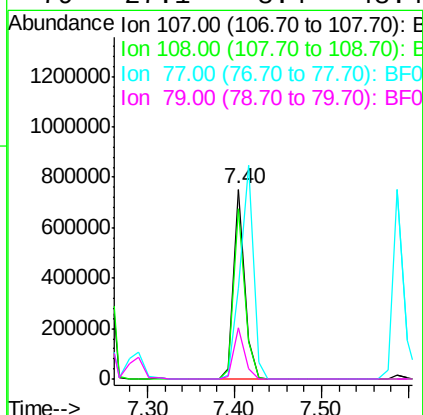
Ion Ratio Lower Upper

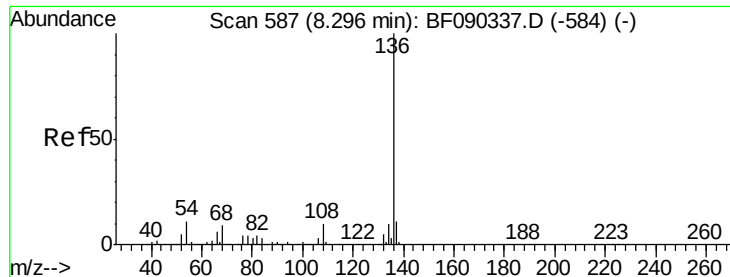
107 100

108 90.1 66.7 106.7

77 47.9 53.7 93.7#

79 27.1 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.30 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 929522

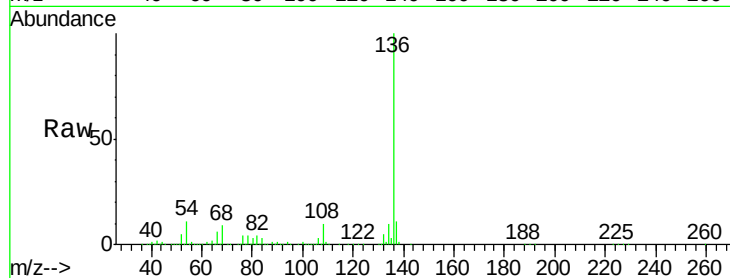
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 10.6 6.6 10.0#

68 8.9 5.0 7.6#

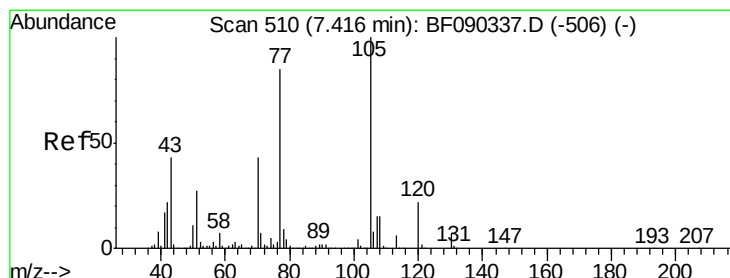
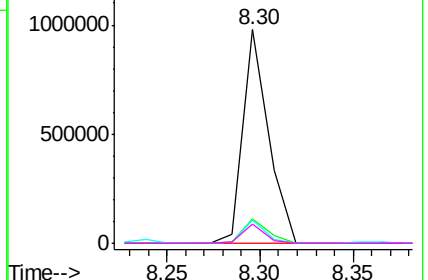
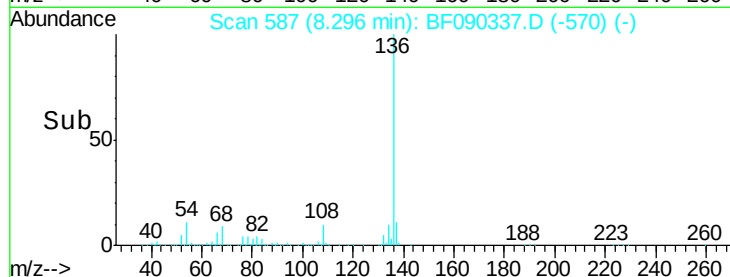


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.99 ng

RT: 7.42 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

Tgt Ion:105 Resp: 851489

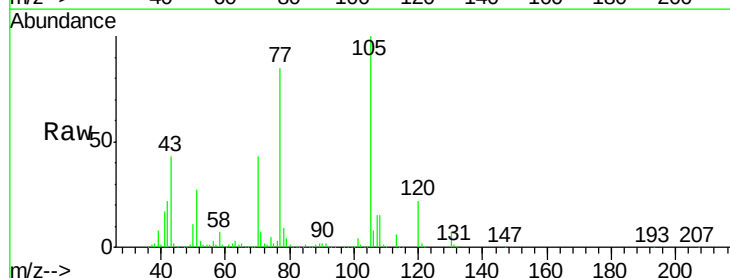
Ion Ratio Lower Upper

105 100

71 7.4 3.8 5.6#

51 26.7 28.2 42.4#

120 21.6 17.4 26.2

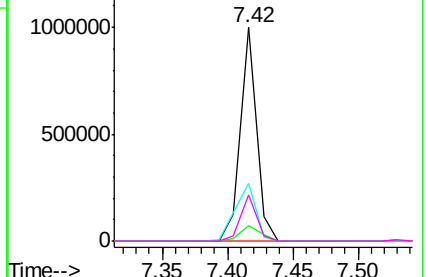
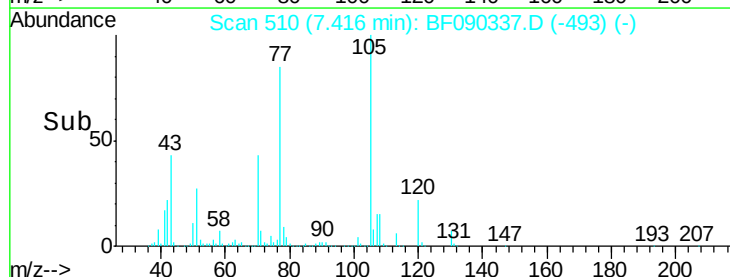


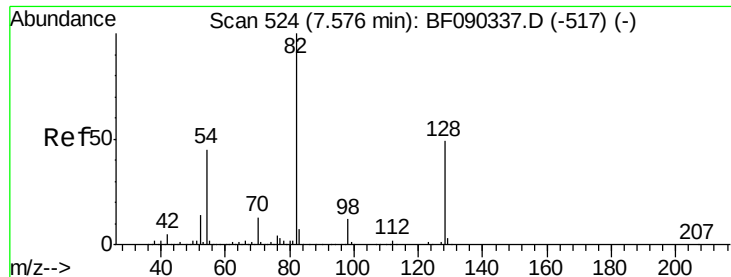
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

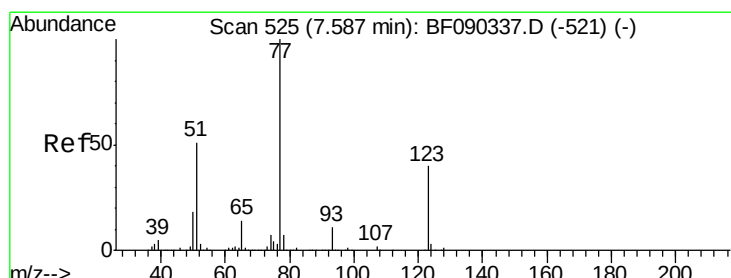
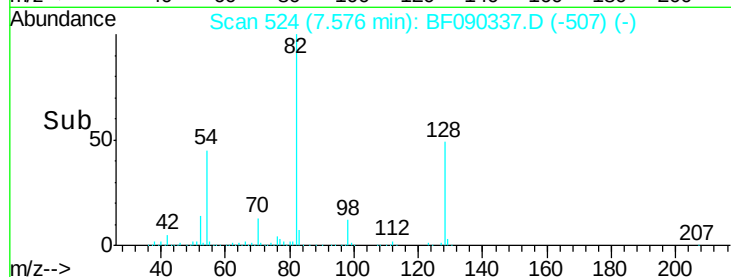
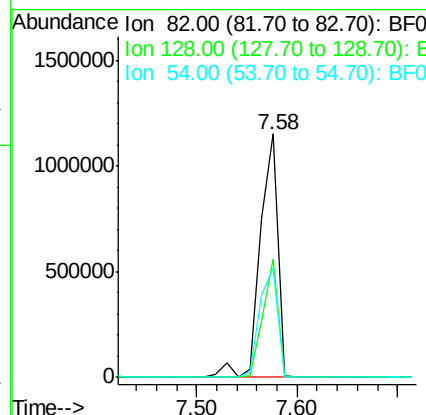
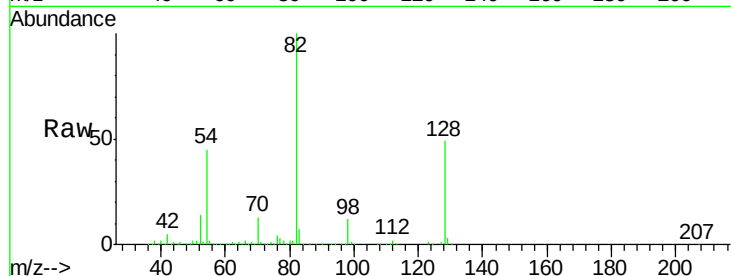




#23
 Nitrobenzene-d5
 Concen: 87.07 ng
 RT: 7.58 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF090337.D
 Acq: 4 Oct 2016 12:01

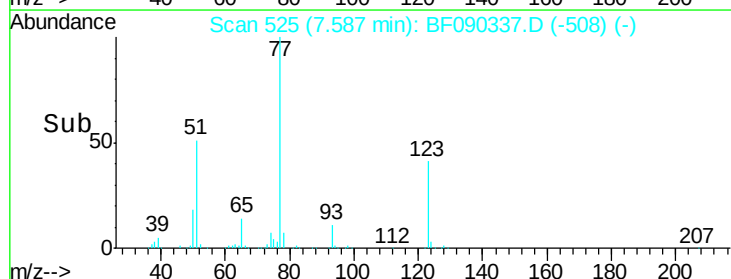
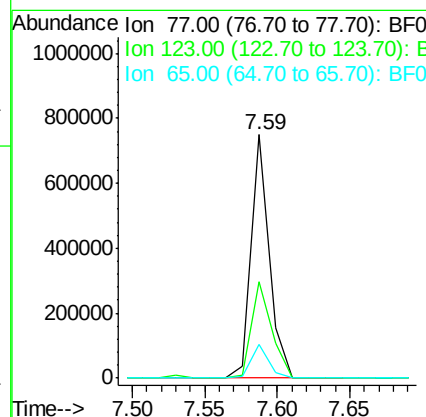
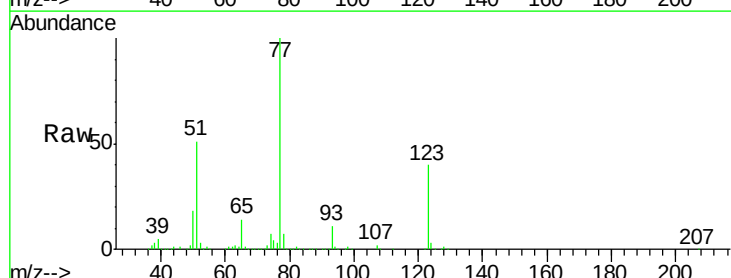
Instrument :
 BNA_F
 ClientSampleId :

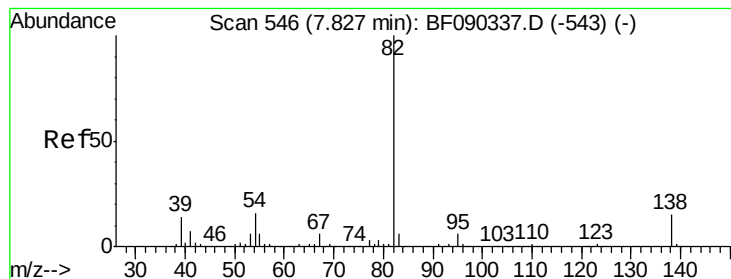
Tot Ion: 82 Resp: 1396111
 Ion Ratio Lower Upper
 82 100
 128 48.6 40.0 60.0
 54 44.9 42.6 64.0



#24
 Nitrobenzene
 Concen: 38.72 ng
 RT: 7.59 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF090337.D
 Acq: 4 Oct 2016 12:01

Tgt Ion: 77 Resp: 646903
 Ion Ratio Lower Upper
 77 100
 123 39.8 33.0 49.4
 65 13.9 12.0 18.0





#25

Isophorone

Concen: 34.91 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

Instrument :

BNA_F

ClientSampled :

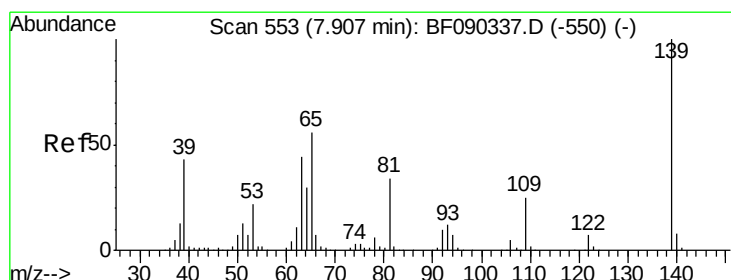
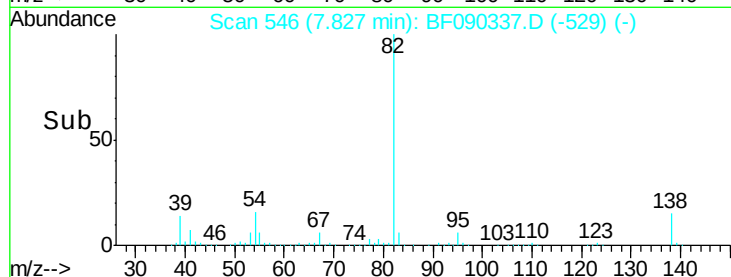
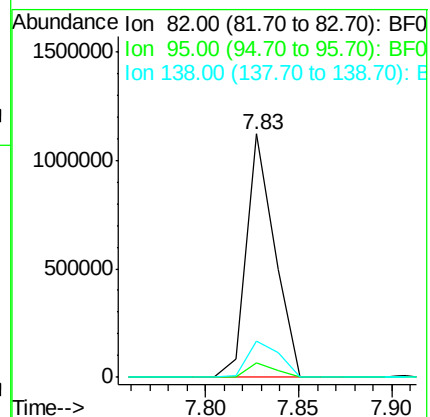
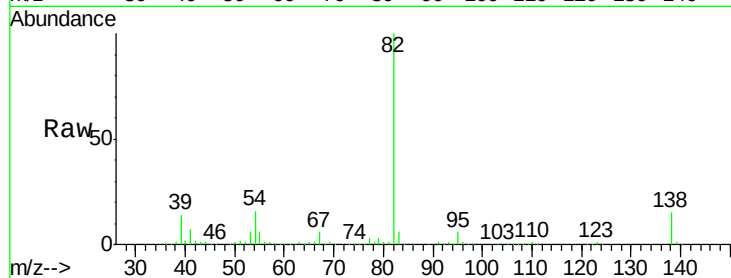
Tot Ion: 82 Resp: 1169441

Ion Ratio Lower Upper

82 100

95 6.0 5.2 7.8

138 15.0 13.0 19.4



#26

2-Nitrophenol

Concen: 32.37 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

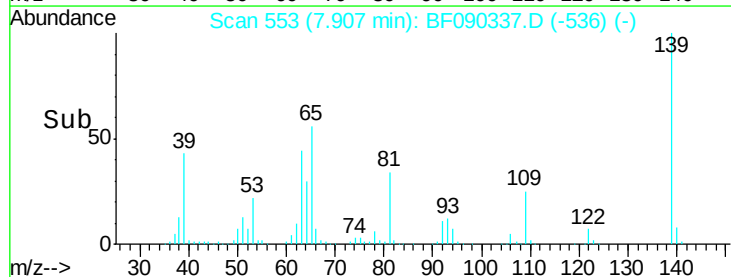
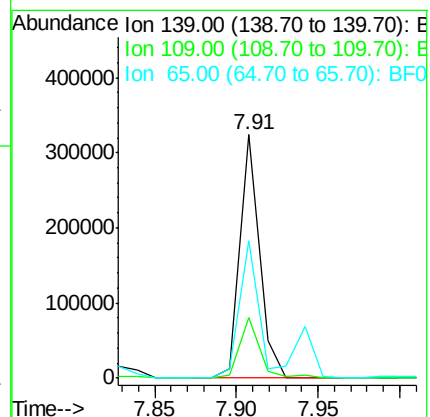
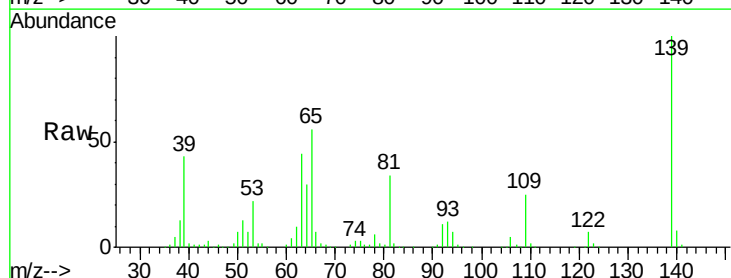
Tgt Ion: 139 Resp: 266342

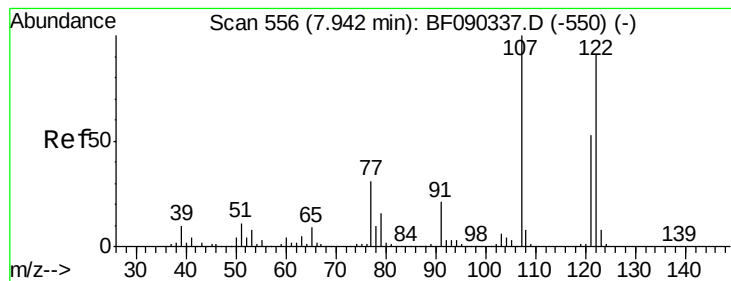
Ion Ratio Lower Upper

139 100

109 24.7 18.9 28.3

65 56.5 31.6 47.4

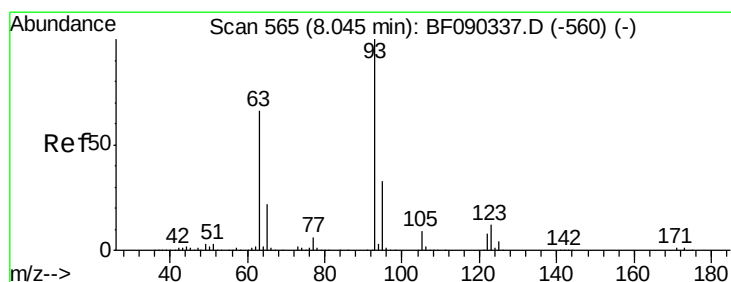
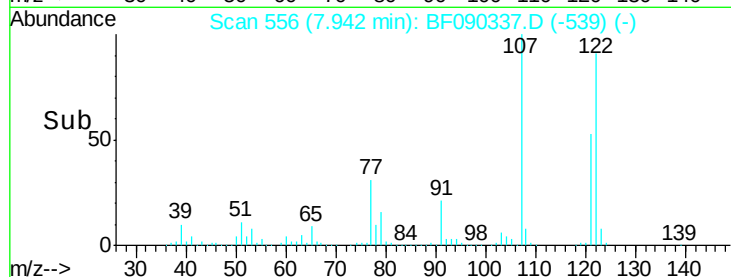
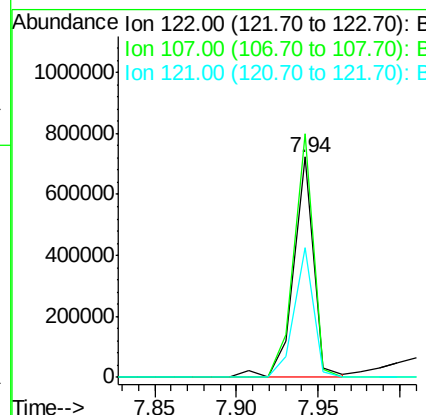
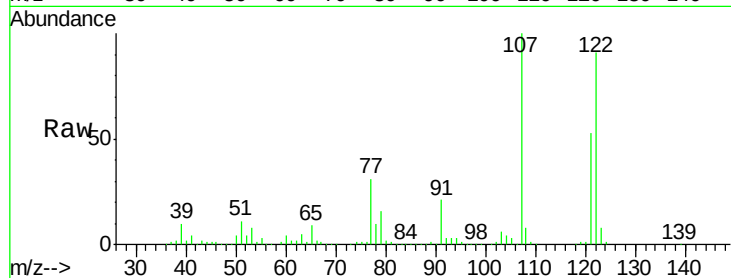




#27
 2,4-Dimethylphenol
 Concen: 42.65 ng
 RT: 7.94 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF090337.D
 Acq: 4 Oct 2016 12:01

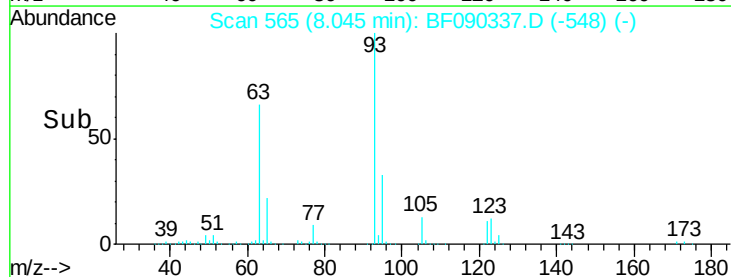
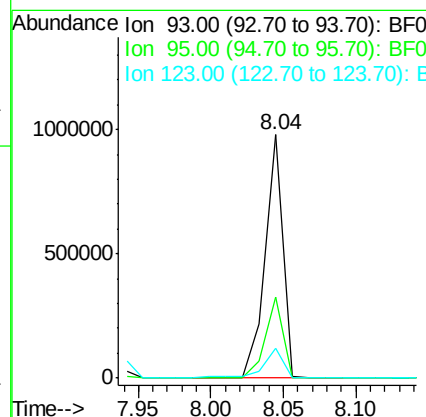
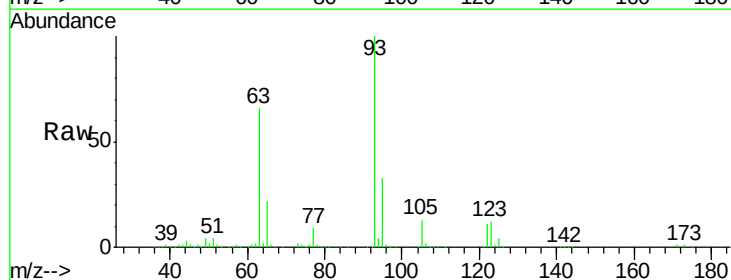
Instrument :
 BNA_F
 ClientSampleId :

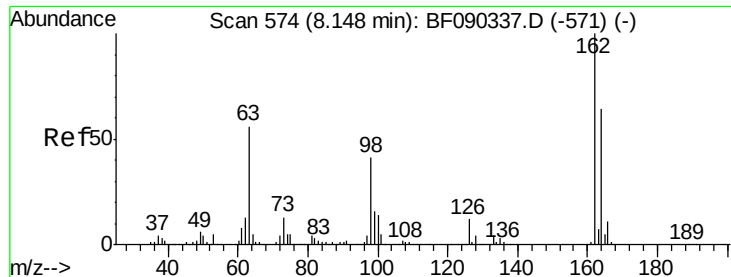
Tot Ion:122 Resp: 623475
 Ion Ratio Lower Upper
 122 100
 107 110.5 88.6 132.8
 121 58.6 47.5 71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.98 ng
 RT: 8.04 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF090337.D
 Acq: 4 Oct 2016 12:01

Tgt Ion: 93 Resp: 830419
 Ion Ratio Lower Upper
 93 100
 95 33.2 27.0 40.4
 123 12.4 11.1 16.7

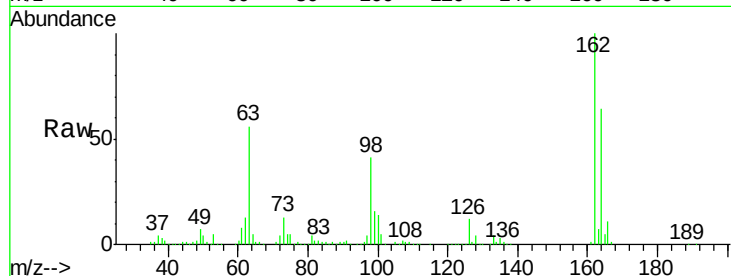




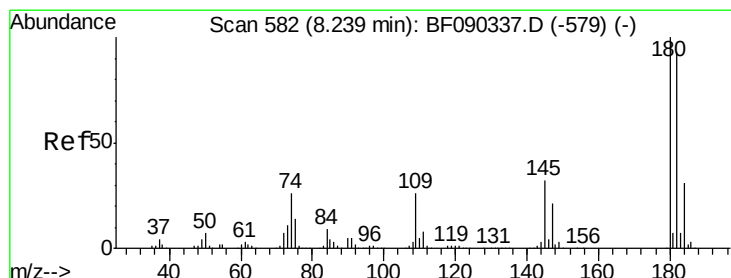
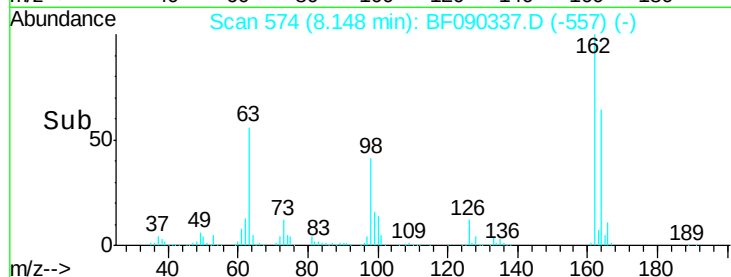
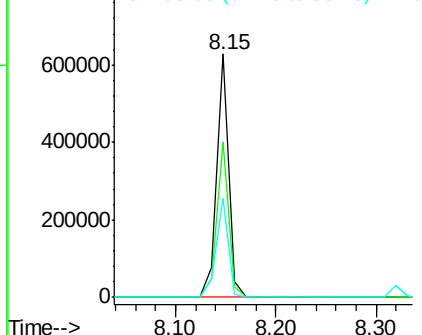
#29
2,4-Dichlorophenol
Concen: 40.21 ng
RT: 8.15 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF090337.D
Acq: 4 Oct 2016 12:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	45.7	85.7
98	40.8	13.3	53.3

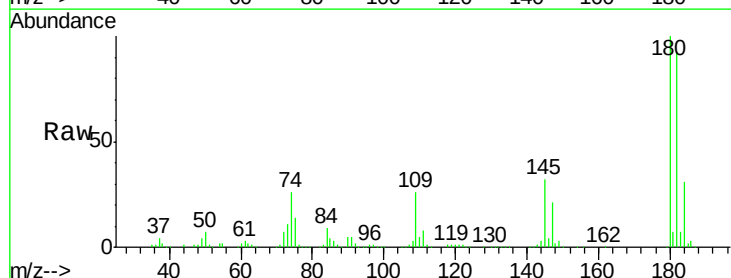


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

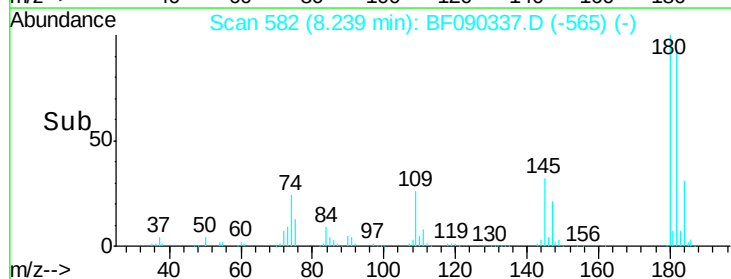
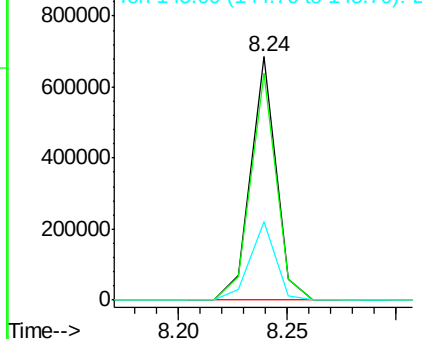


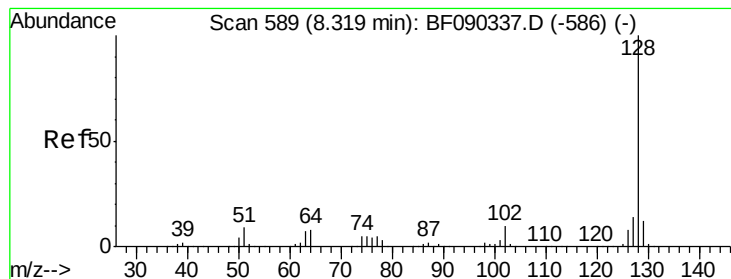
#30
1,2,4-Trichlorobenzene
Concen: 43.64 ng
RT: 8.24 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF090337.D
Acq: 4 Oct 2016 12:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	75.3	112.9
145	32.0	27.7	41.5



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.55 ng

RT: 8.32 min Scan# 589

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

Instrument :

BNA_F

ClientSampleId :

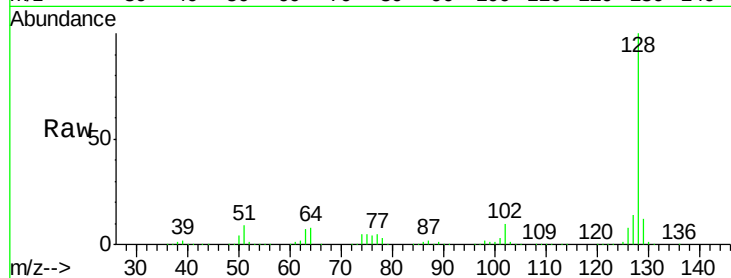
Tot Ion:128 Resp: 1706362

Ion Ratio Lower Upper

128 100

129 12.1 9.7 14.5

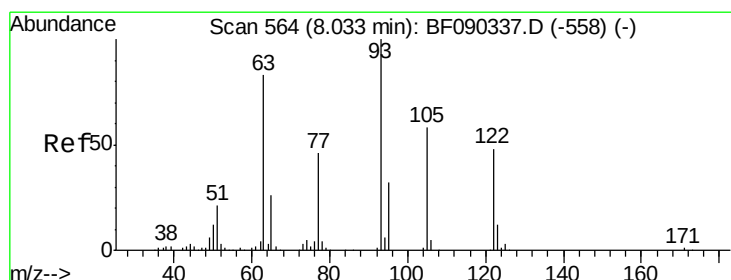
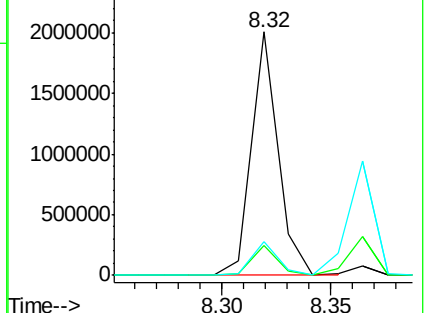
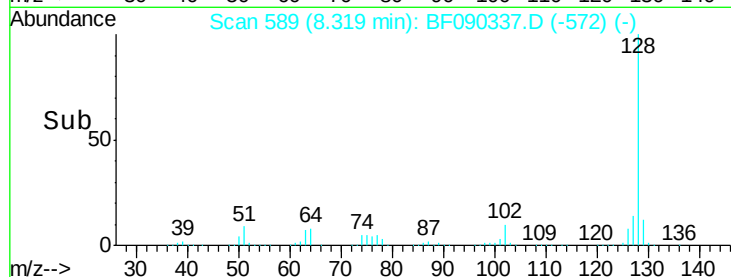
127 14.0 11.7 17.5



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: 36.45 ng

RT: 8.03 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

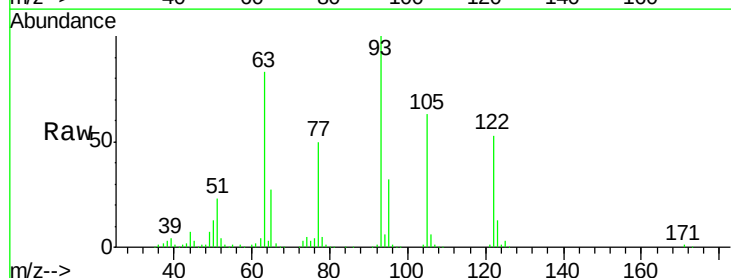
Tgt Ion:122 Resp: 365749

Ion Ratio Lower Upper

122 100

105 119.6 103.9 143.9

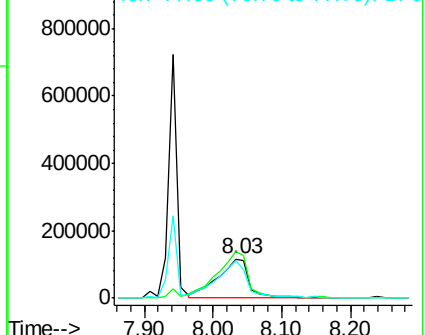
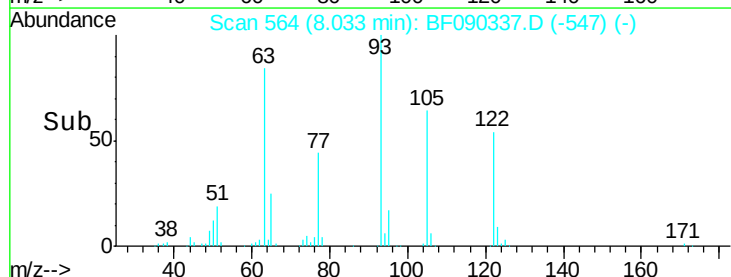
77 95.1 74.6 114.6

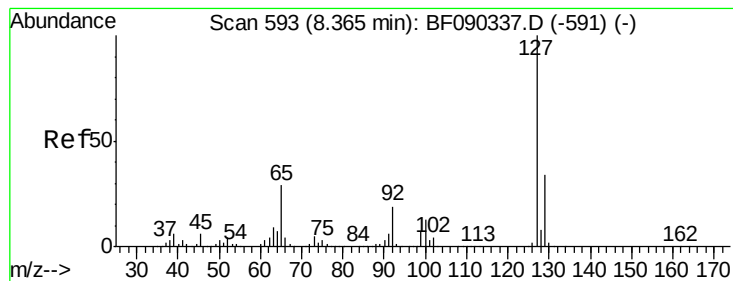


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 42.76 ng

RT: 8.36 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF090337.D

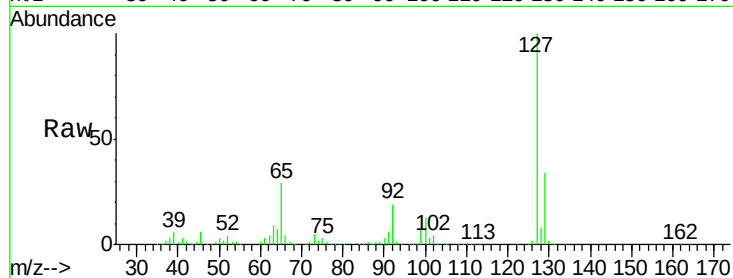
Acq: 4 Oct 2016 12:01

Instrument :

BNA_F

ClientSampled :

Tot Ion:	127	Resp:	785101
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.2	39.4
65	28.9	32.5	48.7#
92	18.8	17.2	25.8

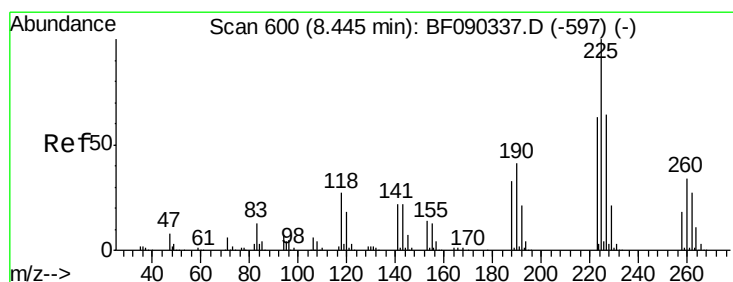
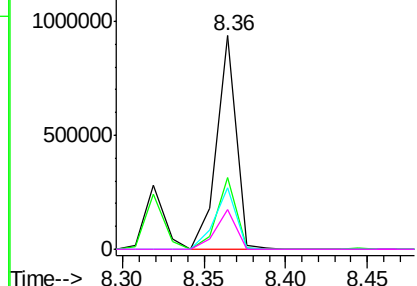
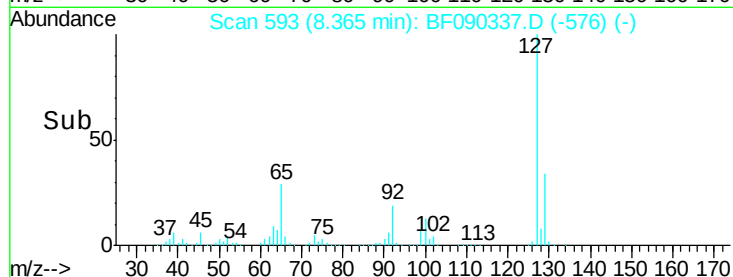


Abundance Ion 127.00 (126.70 to 127.70): E

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: 47.95 ng

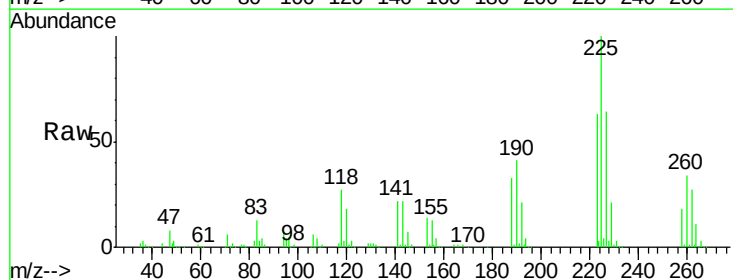
RT: 8.44 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

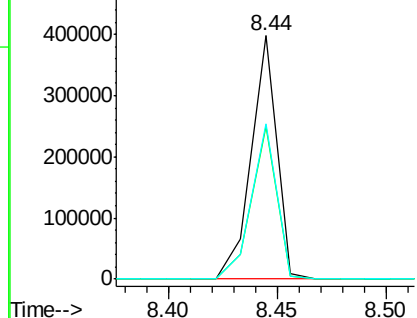
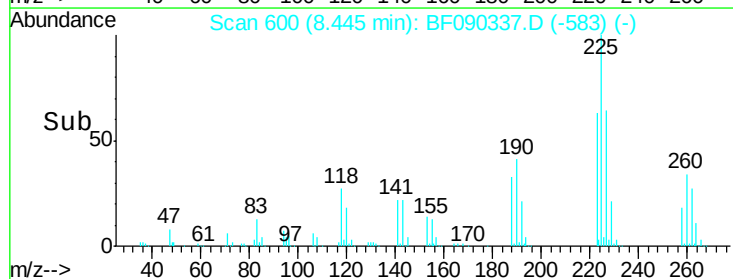
Tgt Ion:	225	Resp:	323951
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.0	76.4
227	63.7	50.8	76.2

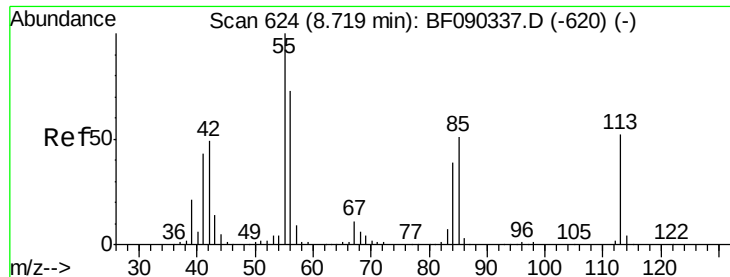


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

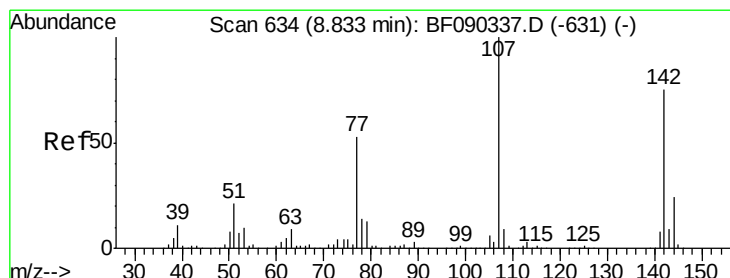
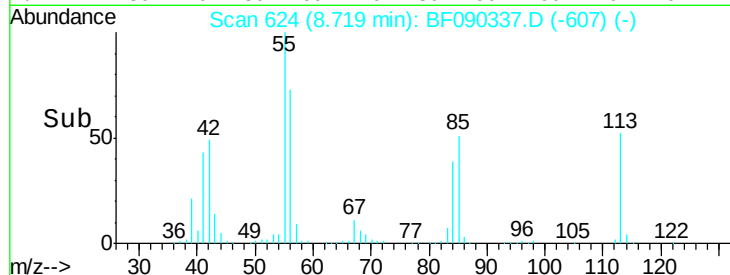
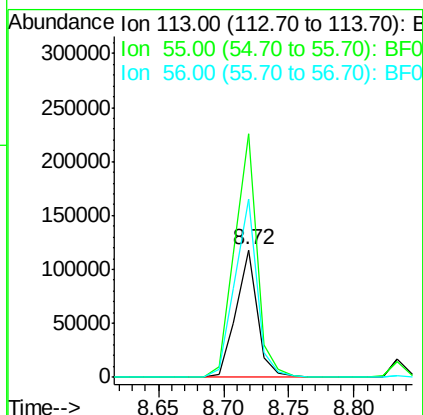
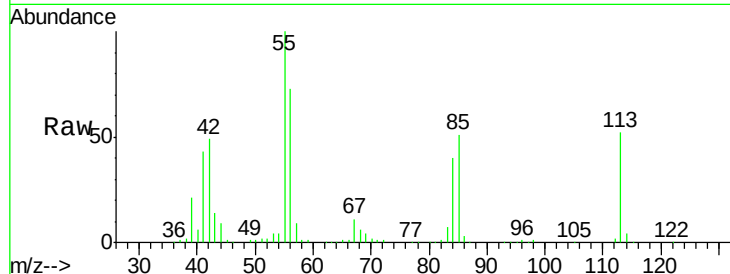




#35
 Caprolactam
 Concen: 31.62 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF090337.D
 Acq: 4 Oct 2016 12:01

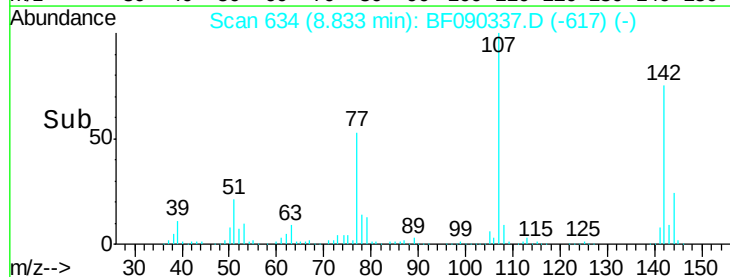
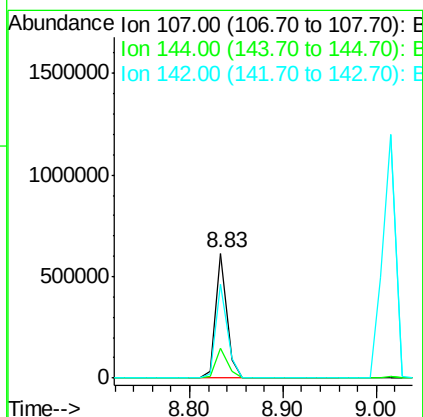
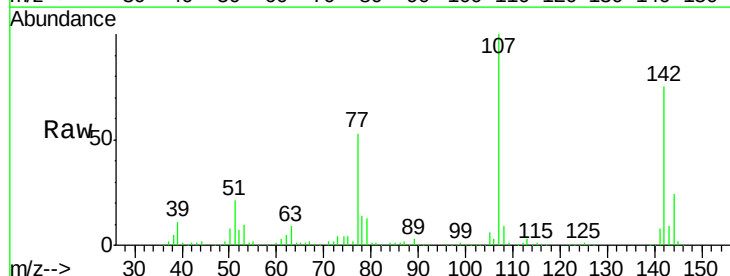
Instrument :
 BNA_F
 ClientSampled :

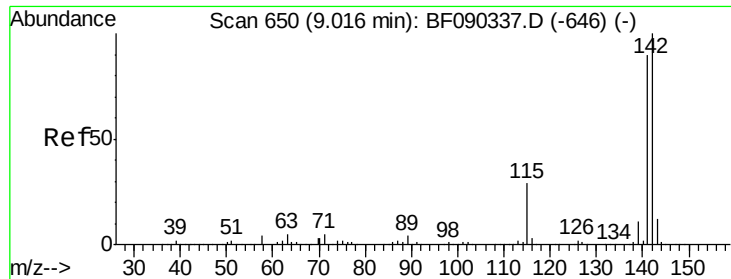
Tot Ion:113 Resp: 134170
 Ion Ratio Lower Upper
 113 100
 55 191.2 203.3 243.3#
 56 139.6 140.5 180.5#



#36
 4-Chloro-3-methylphenol
 Concen: 35.37 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF090337.D
 Acq: 4 Oct 2016 12:01

Tgt Ion:107 Resp: 512561
 Ion Ratio Lower Upper
 107 100
 144 23.6 19.8 29.8
 142 74.7 60.7 91.1

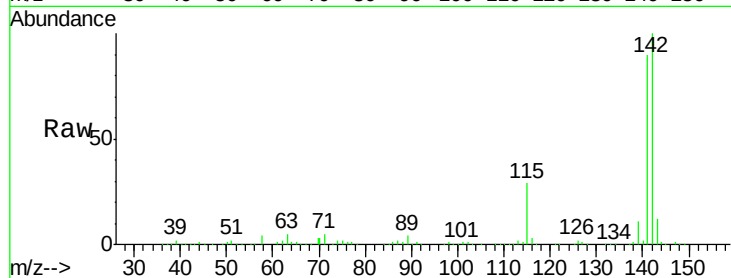




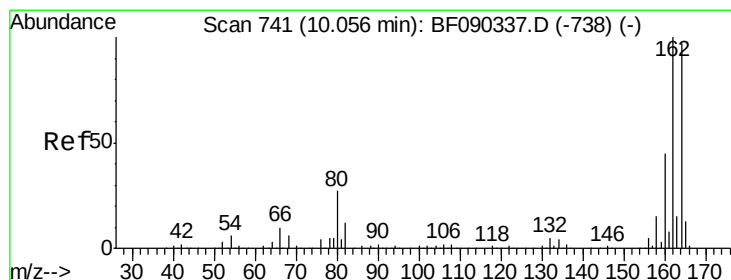
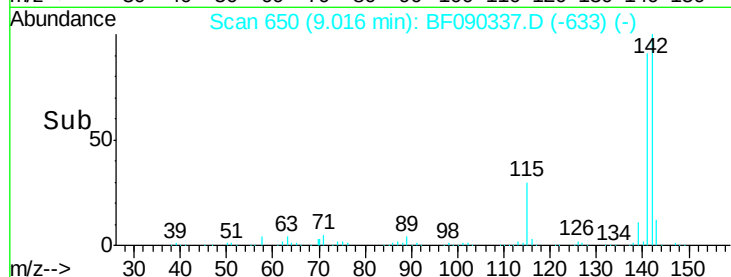
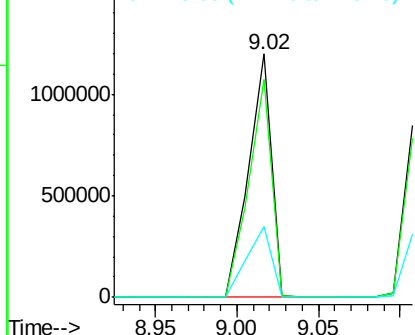
#37
2-Methylnaphthalene
Concen: 42.44 ng
RT: 9.02 min Scan# 650
Delta R.T. 0.00 min
Lab File: BF090337.D
Acq: 4 Oct 2016 12:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1168172
Ion Ratio Lower Upper
142 100
141 89.7 71.8 107.8
115 29.1 28.8 43.2

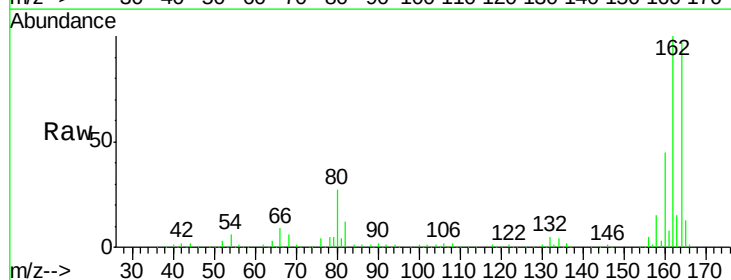


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

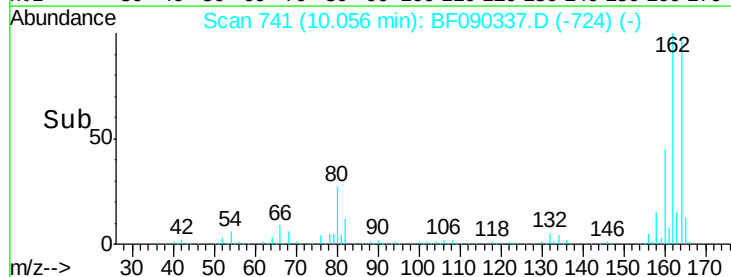
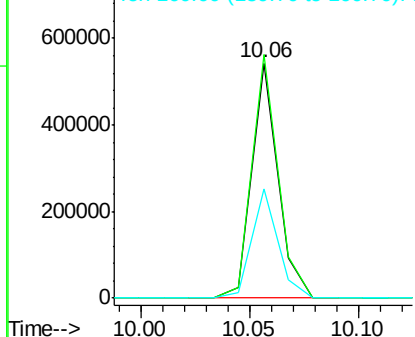


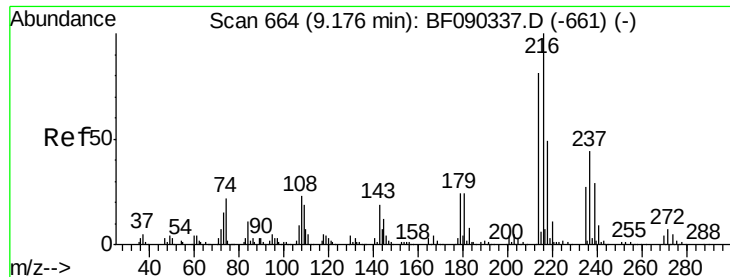
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.06 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF090337.D
Acq: 4 Oct 2016 12:01

Tgt Ion:164 Resp: 452795
Ion Ratio Lower Upper
164 100
162 103.6 80.1 120.1
160 46.7 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.37 ng

RT: 9.18 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 492352

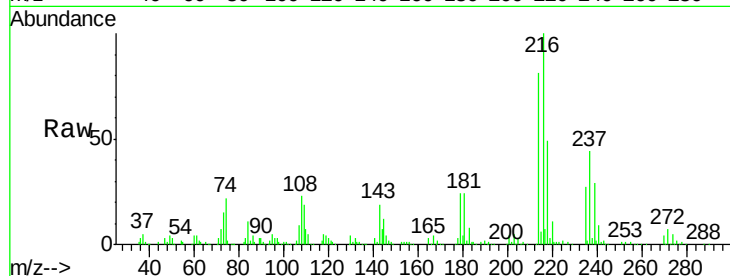
Ion Ratio Lower Upper

216 100

214 79.9 64.2 96.2

179 22.8 18.0 27.0

108 22.0 15.2 22.8

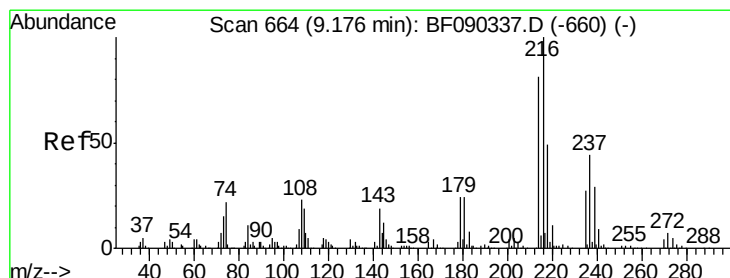
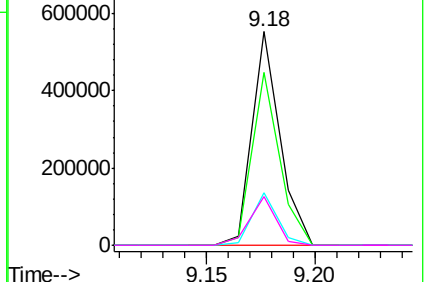
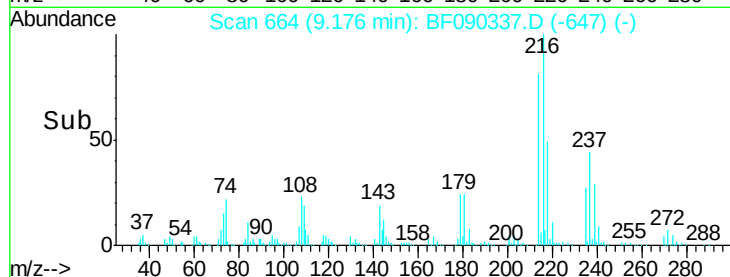


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 54.55 ng

RT: 9.18 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

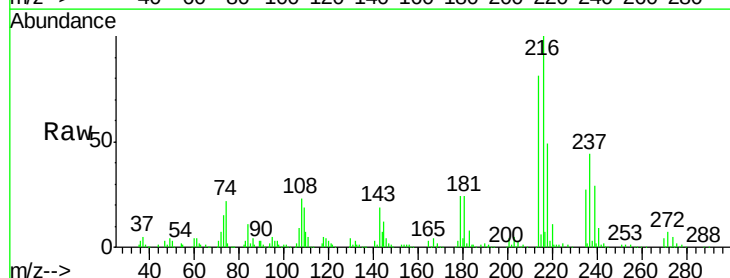
Tgt Ion:237 Resp: 279789

Ion Ratio Lower Upper

237 100

235 61.0 43.6 83.6

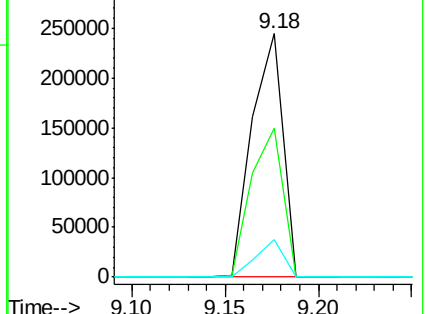
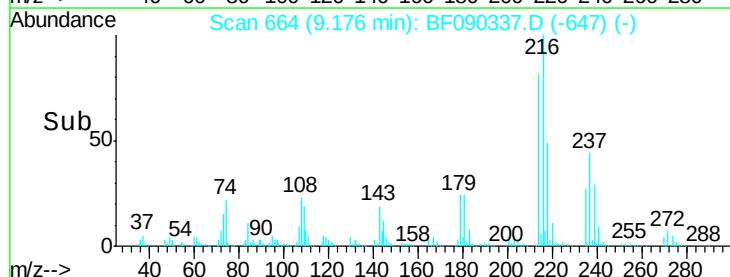
272 15.6 0.0 32.7

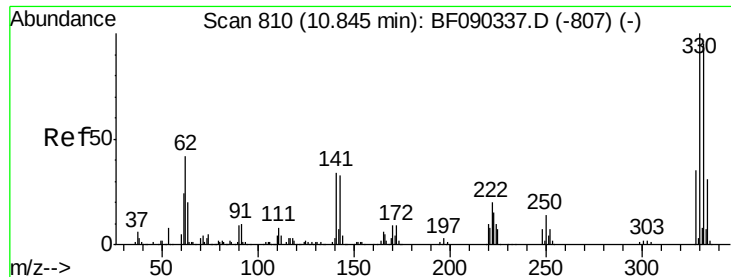


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

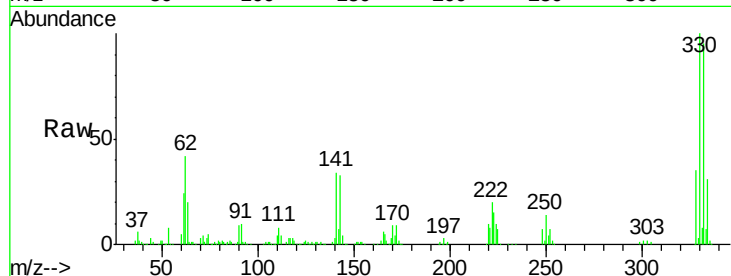




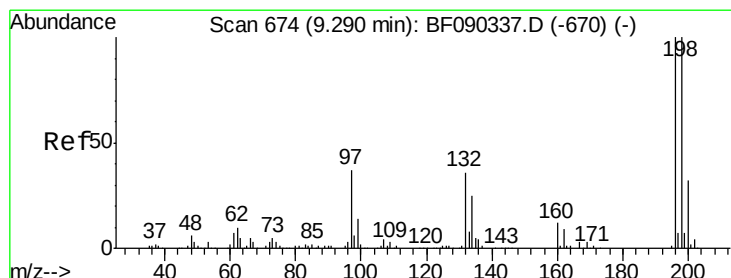
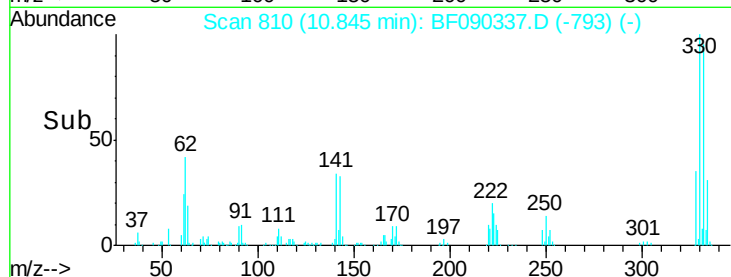
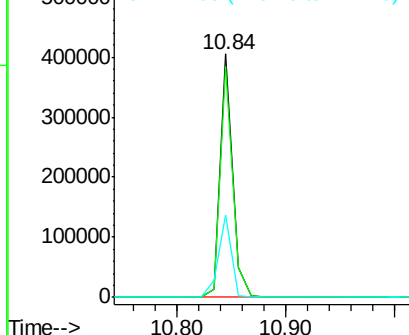
#41
 2,4,6-Tribromophenol
 Concen: 83.95 ng
 RT: 10.84 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF090337.D
 Acq: 4 Oct 2016 12:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.4	113.0
141	35.9	26.9	40.3

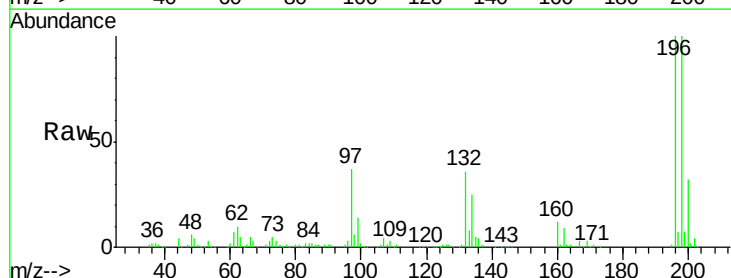


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

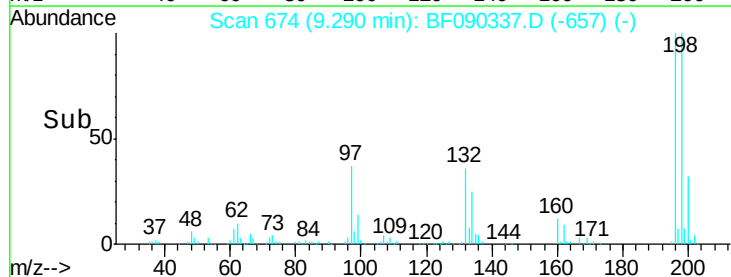
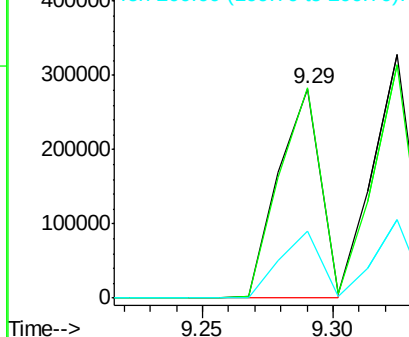


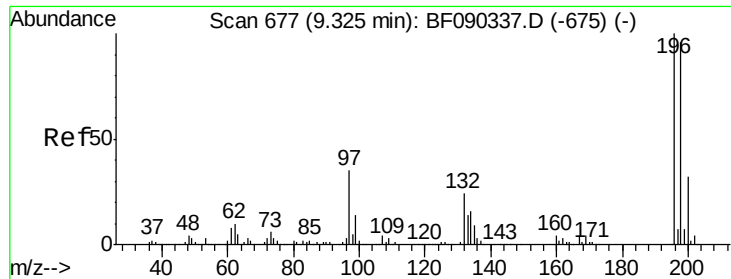
#42
 2,4,6-Trichlorophenol
 Concen: 42.53 ng
 RT: 9.29 min Scan# 674
 Delta R.T. 0.00 min
 Lab File: BF090337.D
 Acq: 4 Oct 2016 12:01

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.3	78.9	118.3
200	32.1	25.4	38.2



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

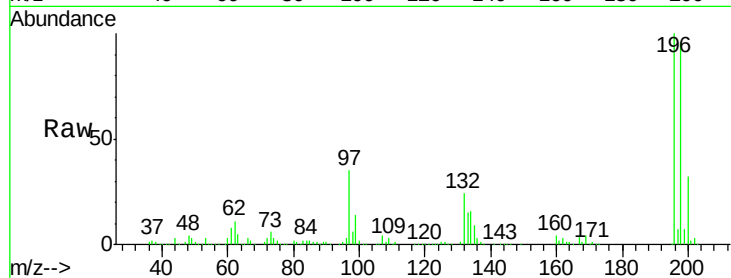




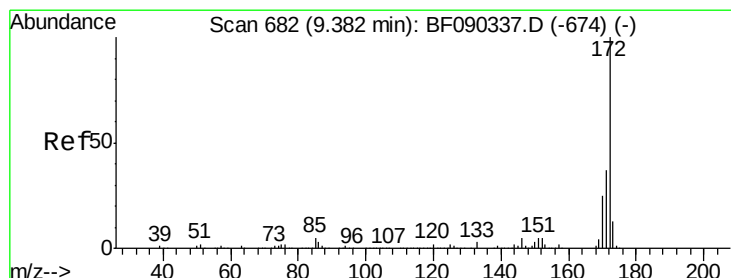
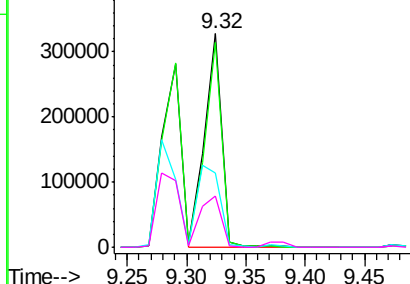
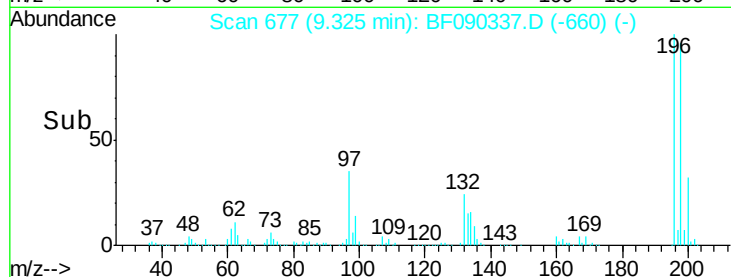
#43
2,4,5-Trichlorophenol
Concen: 43.44 ng
RT: 9.32 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF090337.D
Acq: 4 Oct 2016 12:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 333172
Ion Ratio Lower Upper
196 100
198 95.6 78.1 117.1
97 35.1 48.1 72.1#
132 24.1 27.4 41.2#

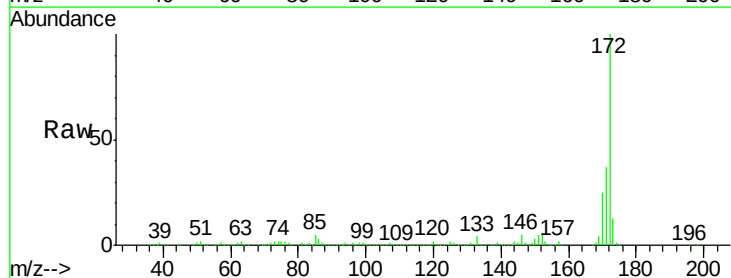


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

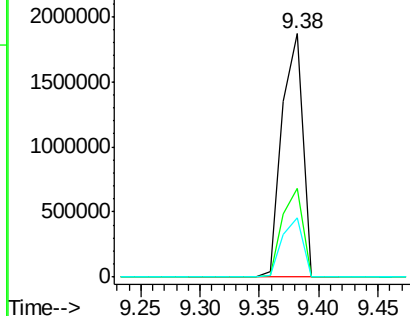
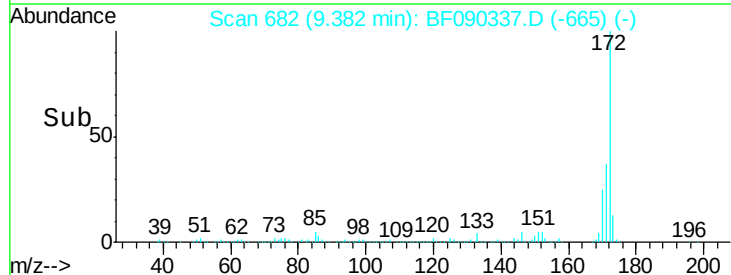


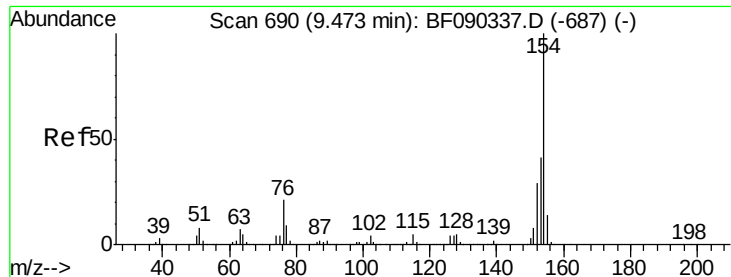
#44
2-Fluorobiphenyl
Concen: 96.82 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF090337.D
Acq: 4 Oct 2016 12:01

Tgt Ion:172 Resp: 2233163
Ion Ratio Lower Upper
172 100
171 36.7 31.8 47.8
170 24.6 21.7 32.5



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

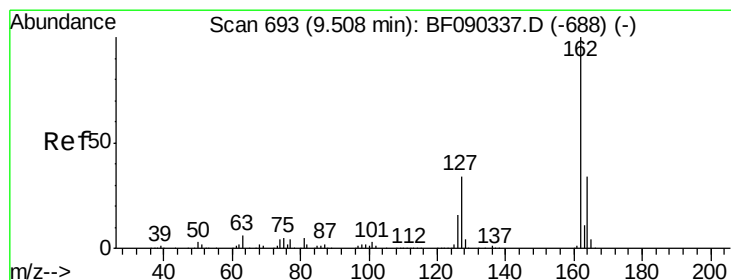
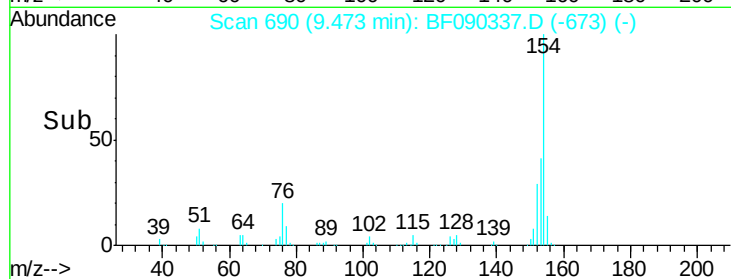
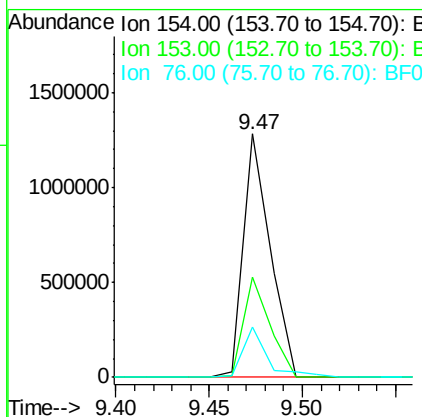
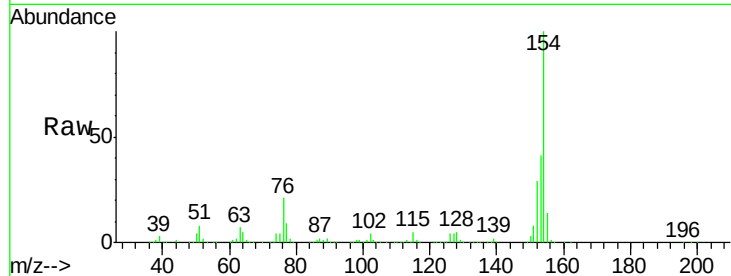




#45
 1,1'-Biphenyl
 Concen: 39.37 ng
 RT: 9.47 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF090337.D
 Acq: 4 Oct 2016 12:01

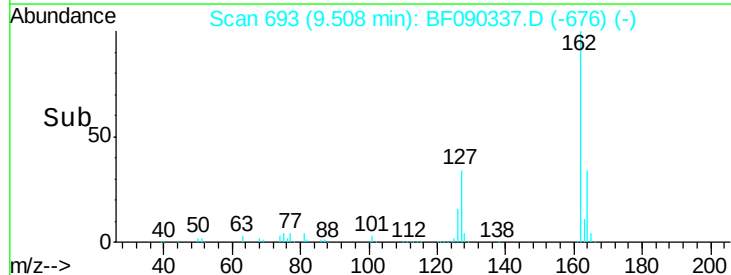
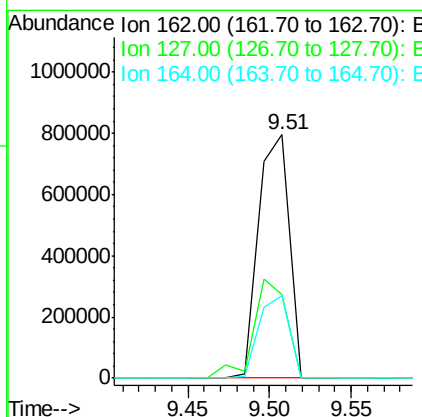
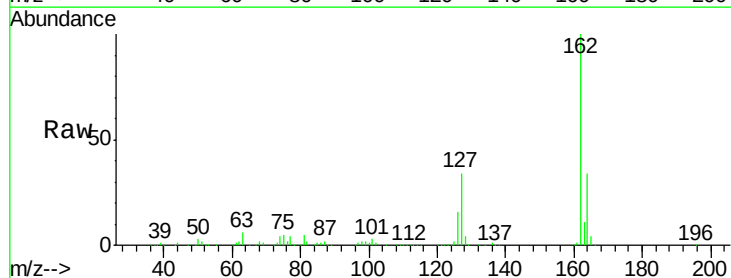
Instrument :
 BNA_F
 ClientSampleId :

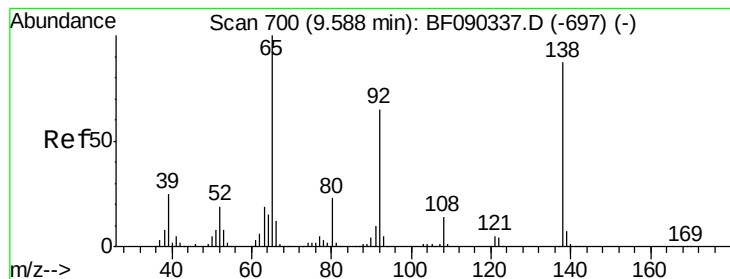
Tot Ion:154 Resp: 1275292
 Ion Ratio Lower Upper
 154 100
 153 41.1 23.8 63.8
 76 20.5 0.0 35.8



#46
 2-Chloronaphthalene
 Concen: 43.64 ng
 RT: 9.51 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF090337.D
 Acq: 4 Oct 2016 12:01

Tgt Ion:162 Resp: 1043014
 Ion Ratio Lower Upper
 162 100
 127 34.1 35.6 53.4#
 164 34.0 27.5 41.3





#47

2-Nitroaniline

Concen: 39.69 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

Instrument :

BNA_F

ClientSampleId :

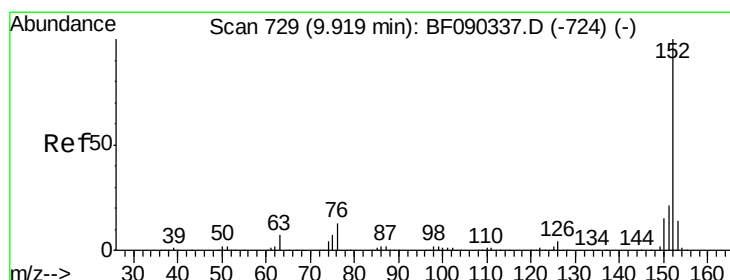
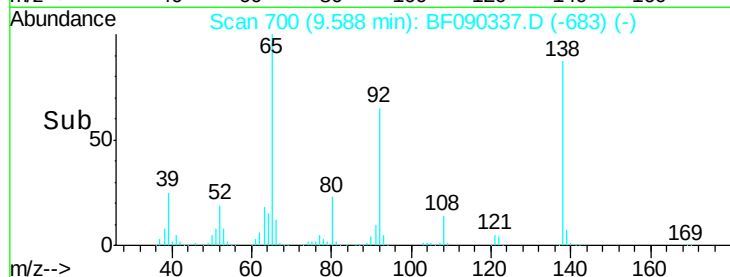
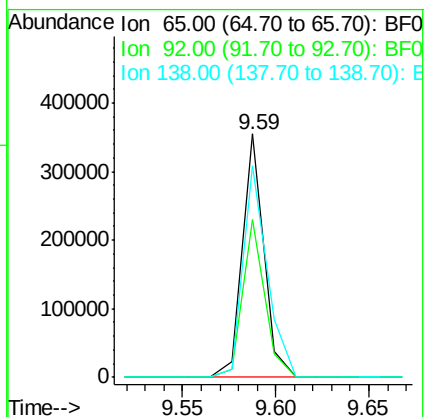
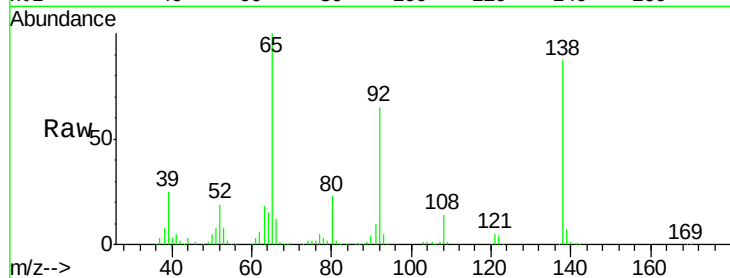
Tot Ion: 65 Resp: 285942

Ion Ratio Lower Upper

65 100

92 64.7 51.7 77.5

138 87.1 79.0 118.4



#48

Acenaphthylene

Concen: 42.83 ng

RT: 9.92 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

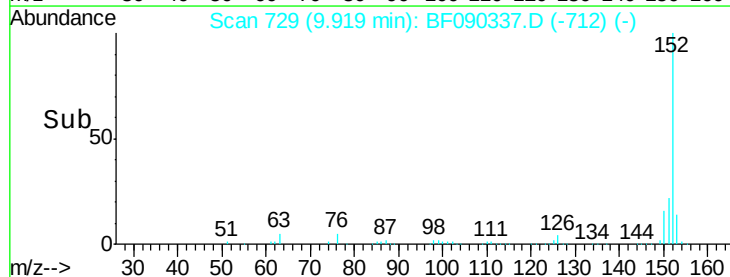
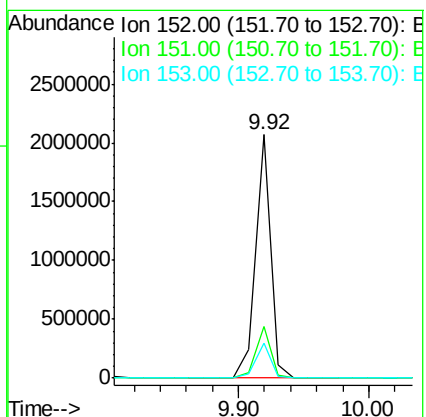
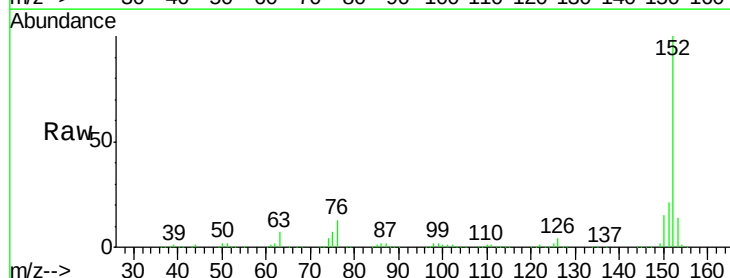
Tgt Ion: 152 Resp: 1662380

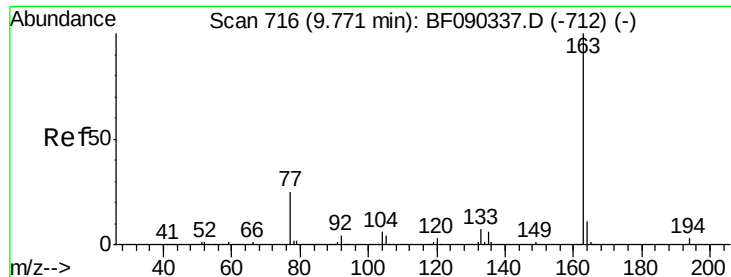
Ion Ratio Lower Upper

152 100

151 21.4 17.4 26.0

153 14.2 11.6 17.4

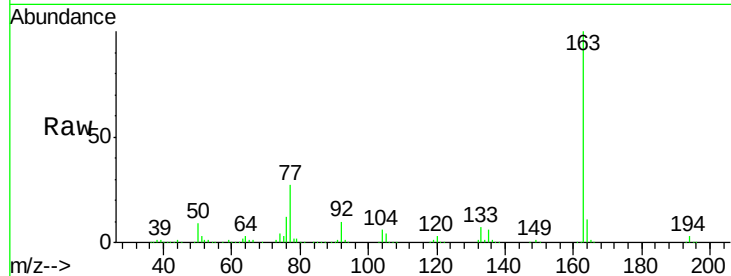




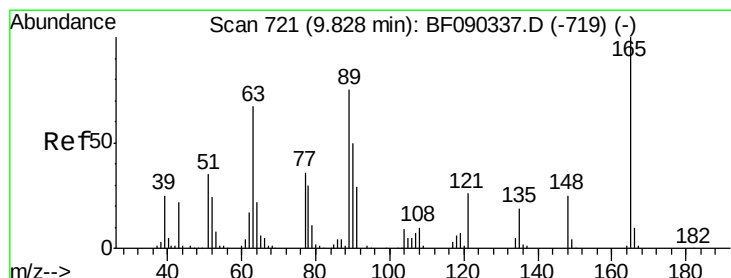
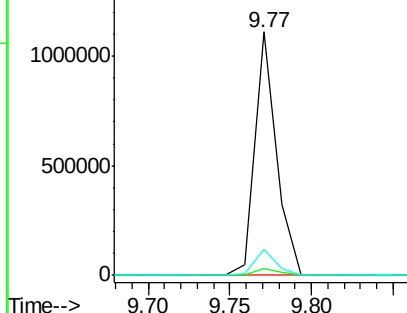
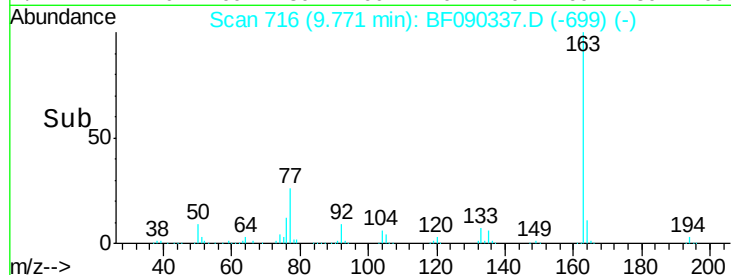
#49
Dimethylphthalate
Concen: 35.28 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF090337.D
Acq: 4 Oct 2016 12:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1017549
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 10.9 9.0 13.4

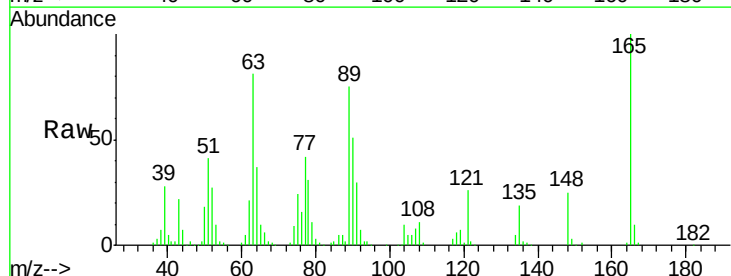


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

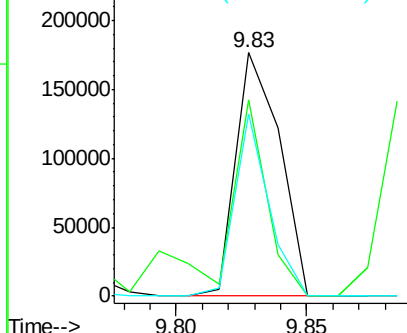
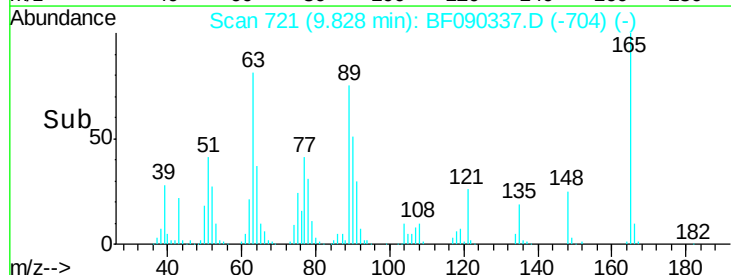


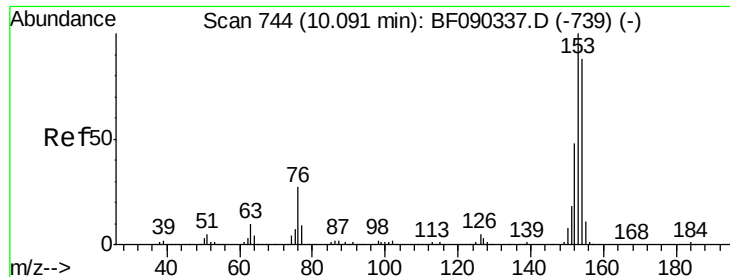
#50
2,6-Dinitrotoluene
Concen: 32.44 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF090337.D
Acq: 4 Oct 2016 12:01

Tgt Ion:165 Resp: 208524
Ion Ratio Lower Upper
165 100
63 80.6 58.0 87.0
89 74.7 51.2 76.8



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: 41.44 ng

RT: 10.09 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

Instrument :

BNA_F

ClientSampleId :

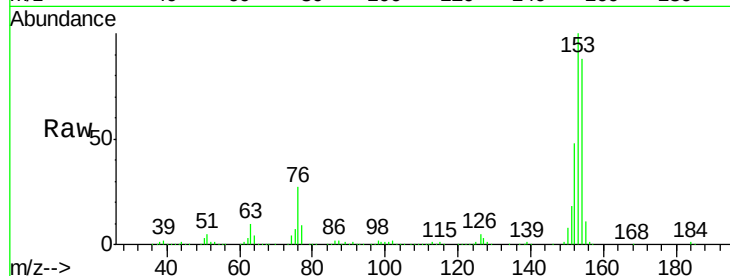
Tot Ion:154 Resp: 954667

Ion Ratio Lower Upper

154 100

153 113.1 88.6 133.0

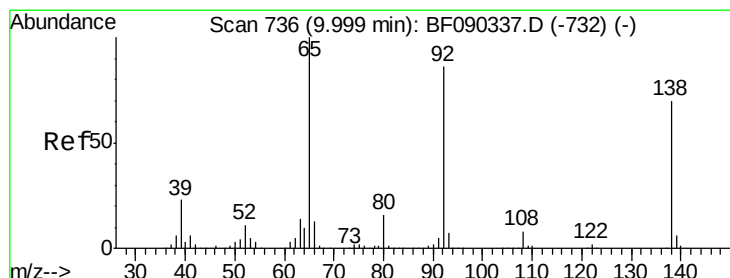
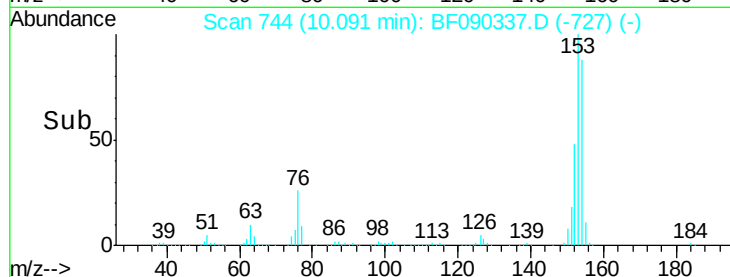
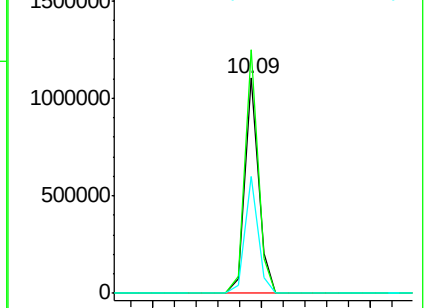
152 54.4 42.6 64.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.30 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

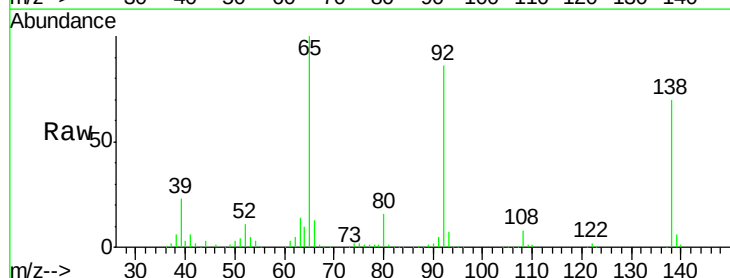
Tgt Ion:138 Resp: 266058

Ion Ratio Lower Upper

138 100

108 11.1 9.7 14.5

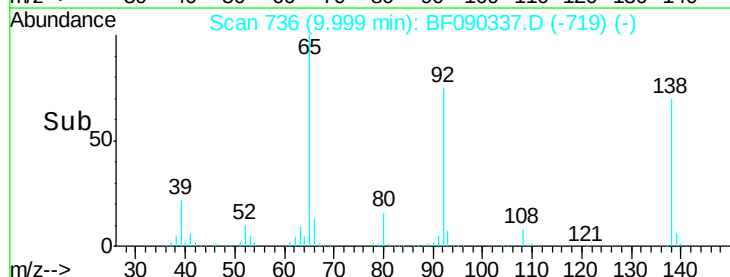
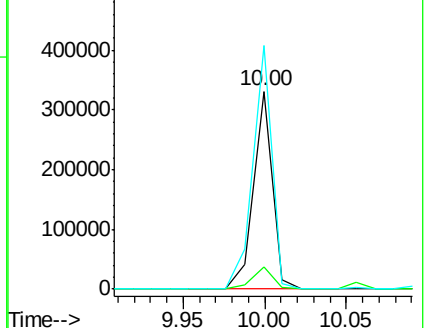
92 123.0 97.1 145.7

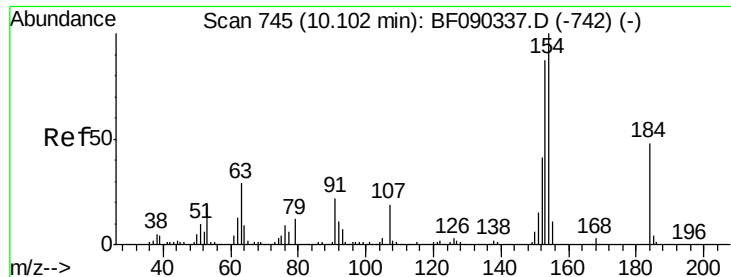


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

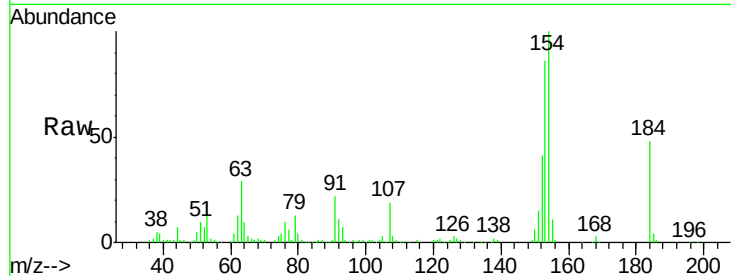




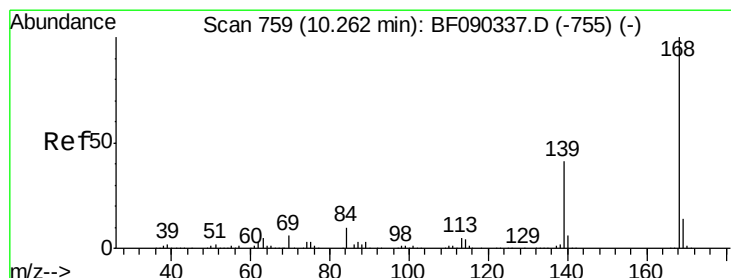
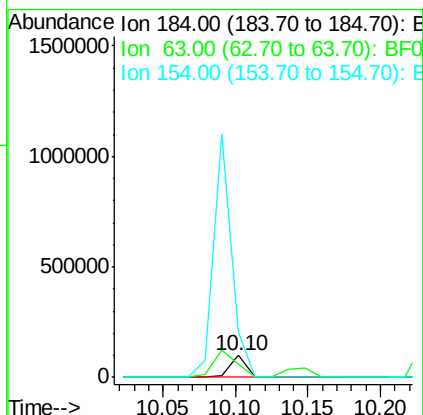
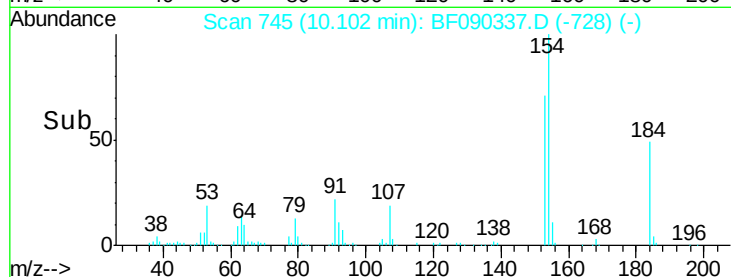
#53
2,4-Dinitrophenol
Concen: 27.58 ng
RT: 10.10 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF090337.D
Acq: 4 Oct 2016 12:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 77468
Ion Ratio Lower Upper
184 100
63 59.2 41.9 62.9
154 207.6 48.9 73.3#

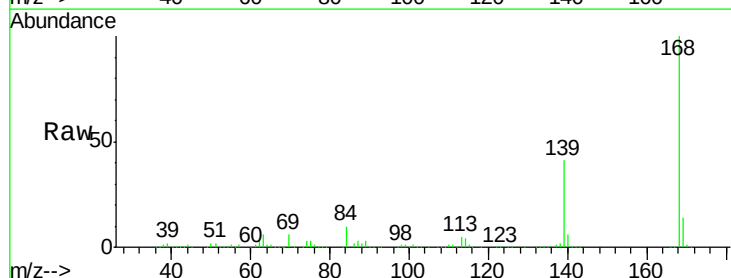


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

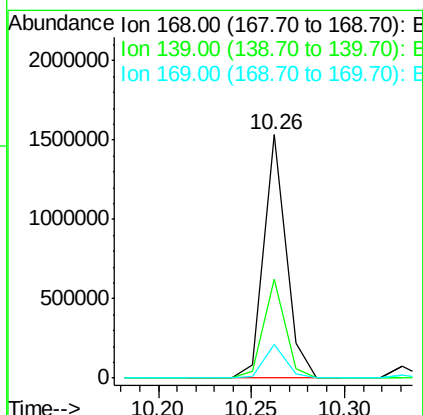
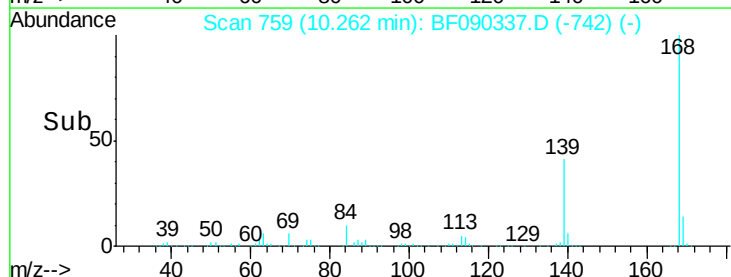


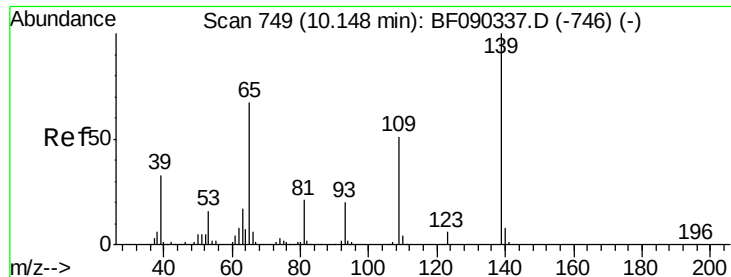
#54
Dibenzofuran
Concen: 41.55 ng
RT: 10.26 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF090337.D
Acq: 4 Oct 2016 12:01

Tgt Ion:168 Resp: 1259642
Ion Ratio Lower Upper
168 100
139 40.8 29.6 44.4
169 14.0 11.3 16.9



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: 43.53 ng

RT: 10.15 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

Instrument :

BNA_F

ClientSampleId :

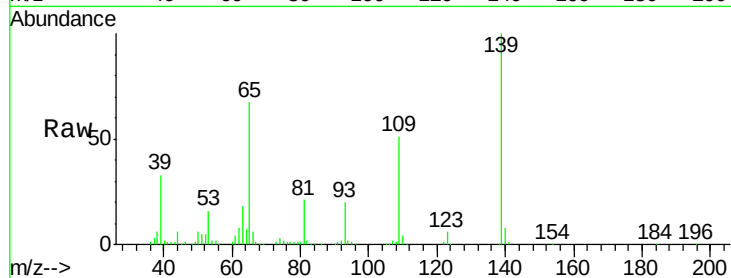
Tot Ion:139 Resp: 224751

Ion Ratio Lower Upper

139 100

109 50.9 43.6 83.6

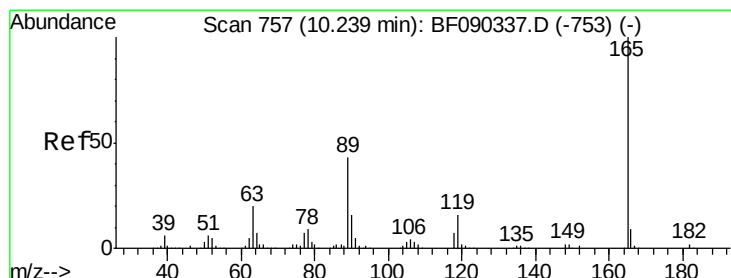
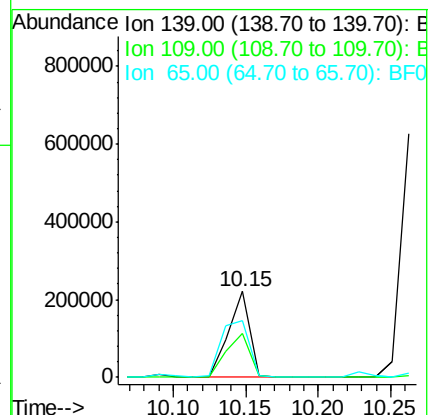
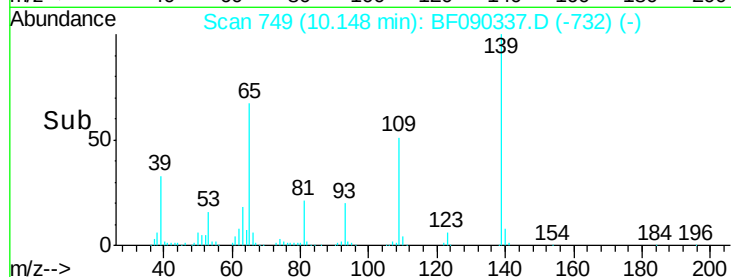
65 66.9 87.5 127.5#



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



#56

2,4-Dinitrotoluene

Concen: 34.38 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

Tgt Ion:165 Resp: 261272

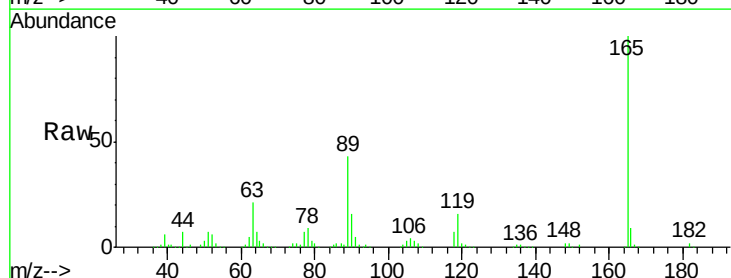
Ion Ratio Lower Upper

165 100

63 20.7 17.8 26.6

89 42.9 33.2 49.8

182 2.3 2.1 3.1

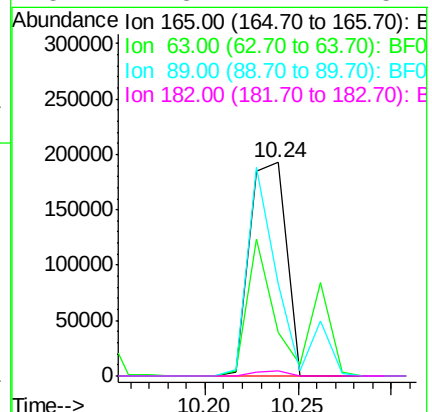
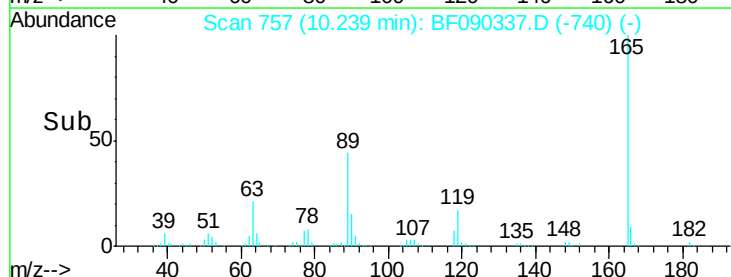


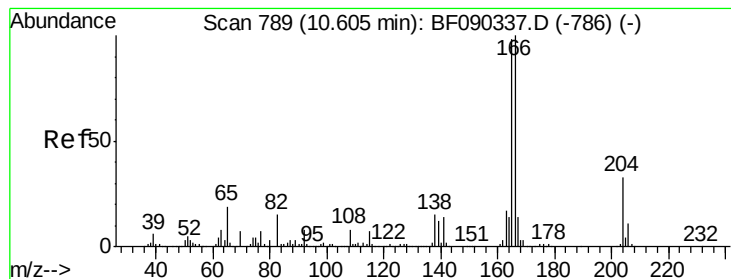
Abundance Ion 165.00 (164.70 to 165.70): E

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





#57

Fluorene

Concen: 45.97 ng

RT: 10.60 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

Instrument :

BNA_F

ClientSampleId :

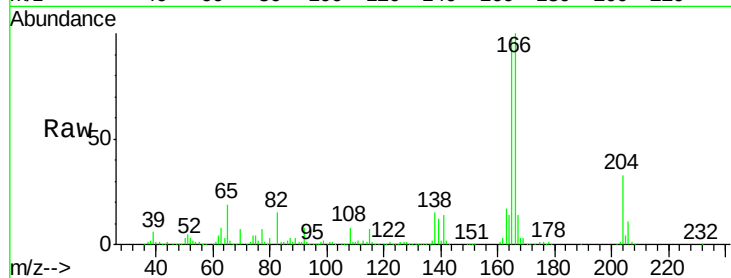
Tot Ion:166 Resp: 1050275

Ion Ratio Lower Upper

166 100

165 98.2 79.2 118.8

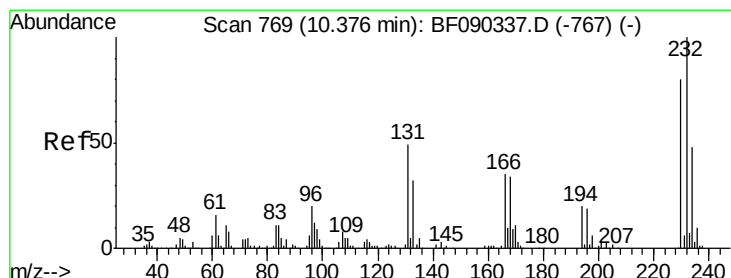
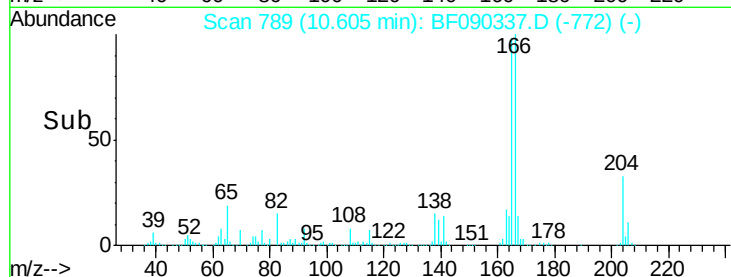
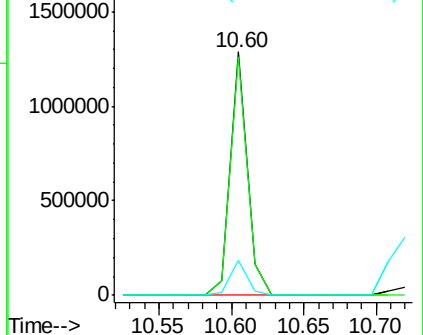
167 14.2 11.1 16.7



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: 42.61 ng

RT: 10.38 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

Tgt Ion:232 Resp: 244622

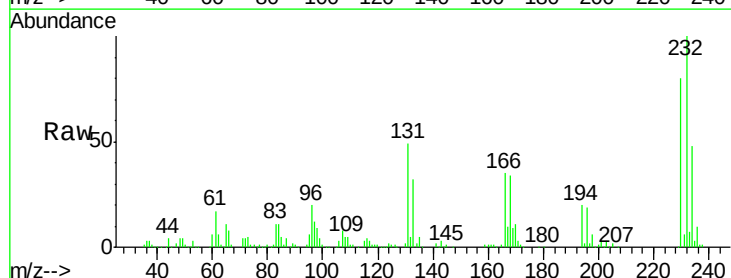
Ion Ratio Lower Upper

232 100

131 50.0 34.5 51.7

130 2.2 1.6 2.4

166 34.8 23.8 35.8

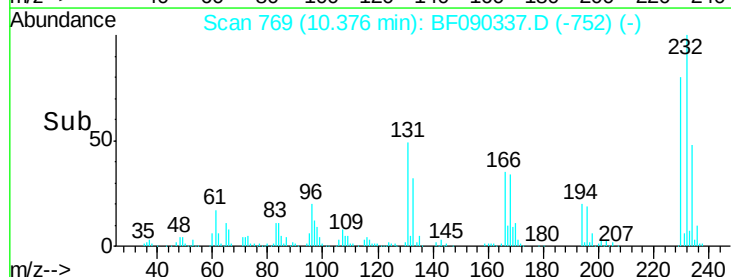
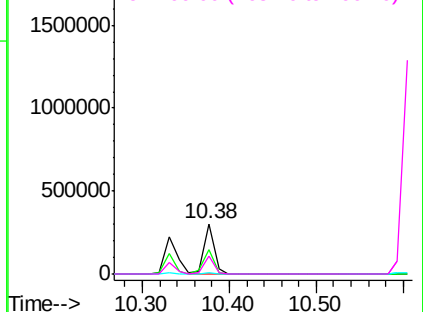


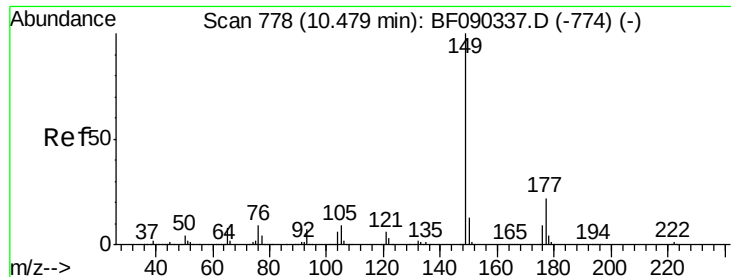
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

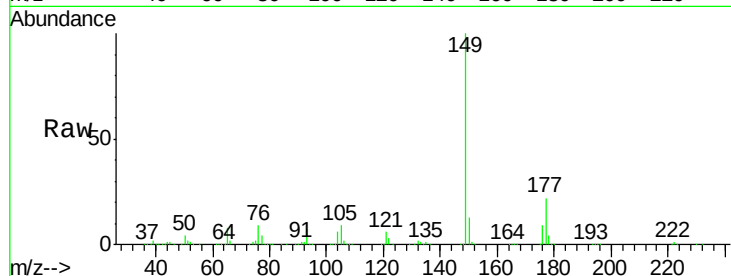




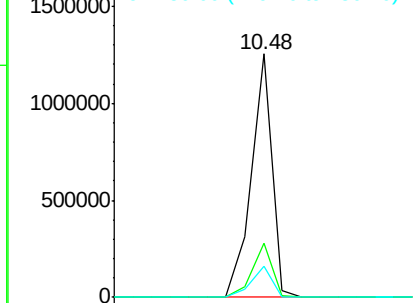
#59
Diethylphthalate
Concen: 39.47 ng
RT: 10.48 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF090337.D
Acq: 4 Oct 2016 12:01

Instrument :
BNA_F
ClientSampleId :

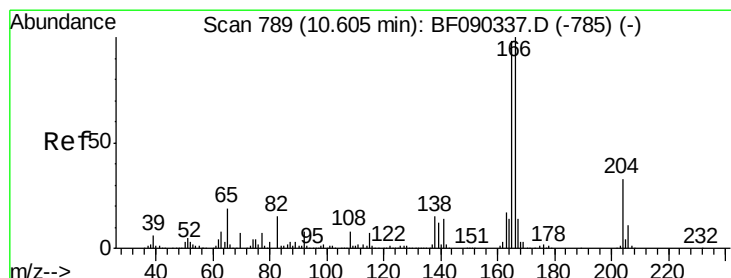
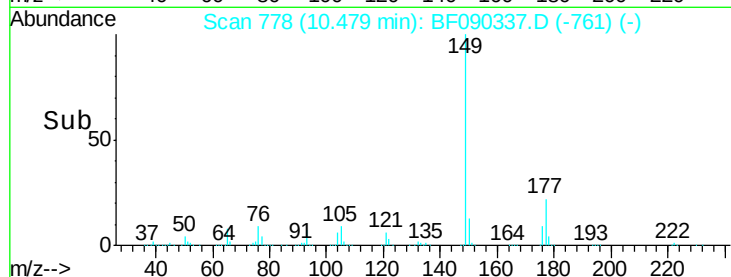
Tot Ion:149 Resp: 1099183
Ion Ratio Lower Upper
149 100
177 22.1 21.1 31.7
150 12.7 10.2 15.2



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

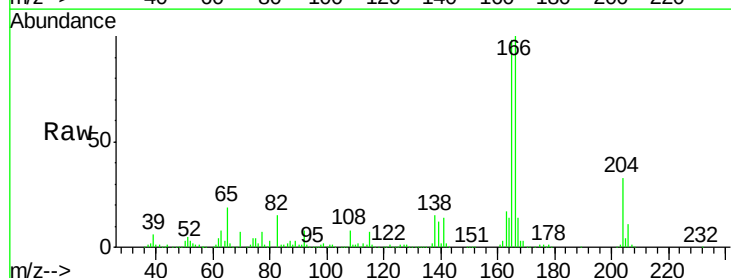


Time-->

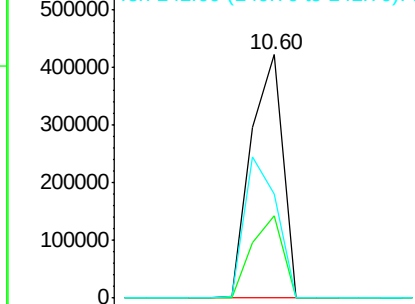


#60
4-Chlorophenyl-phenylether
Concen: 47.53 ng
RT: 10.60 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF090337.D
Acq: 4 Oct 2016 12:01

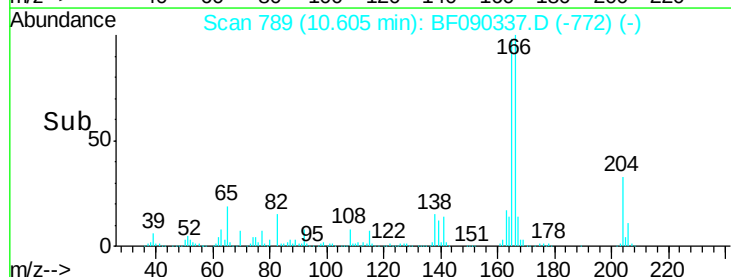
Tgt Ion:204 Resp: 495176
Ion Ratio Lower Upper
204 100
206 33.7 26.7 40.1
141 42.6 51.7 77.5#

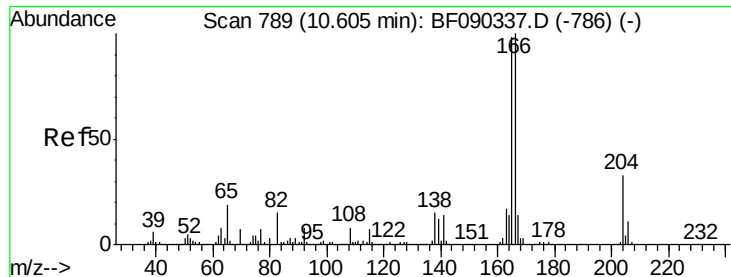


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->

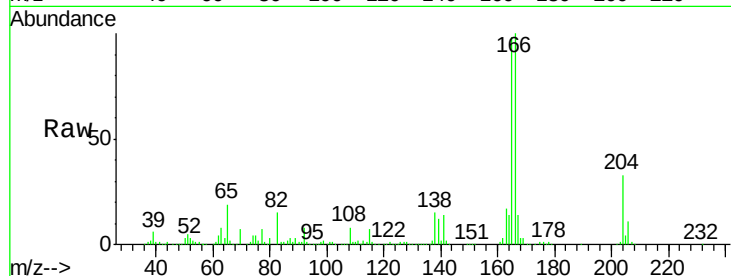




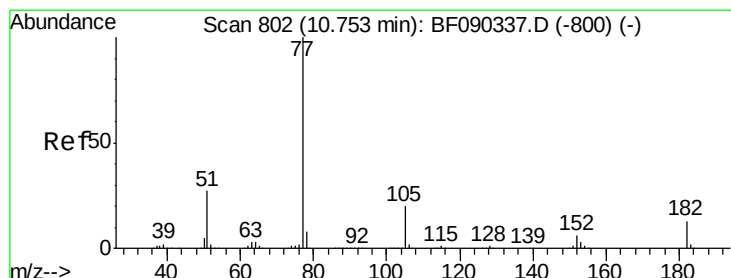
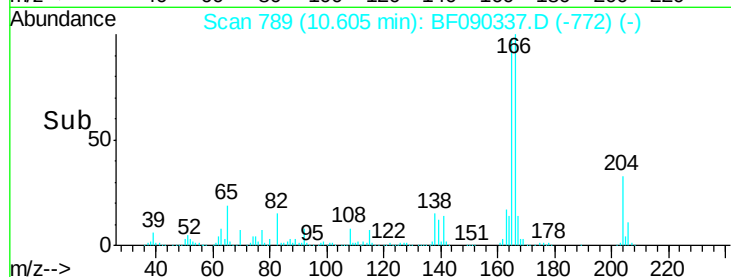
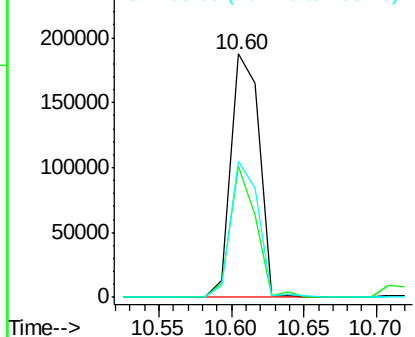
#61
4-Nitroaniline
Concen: 32.95 ng
RT: 10.60 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF090337.D
Acq: 4 Oct 2016 12:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 253118
Ion Ratio Lower Upper
138 100
92 53.6 33.2 73.2
108 55.6 48.5 88.5

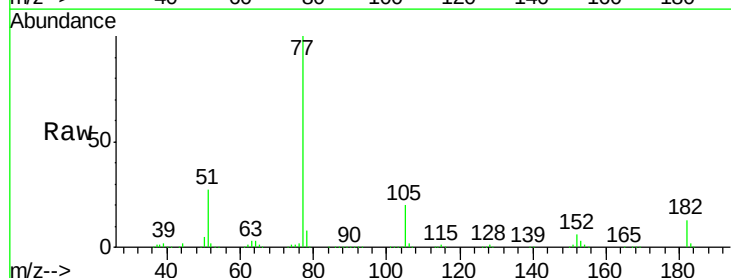


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

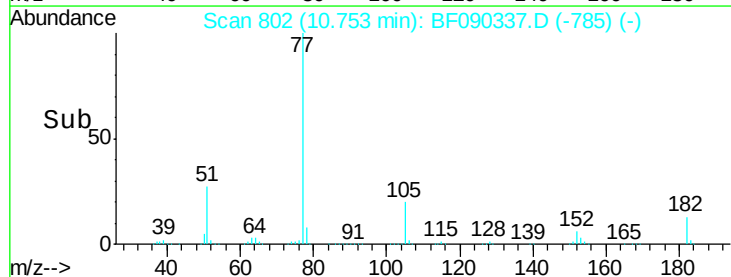
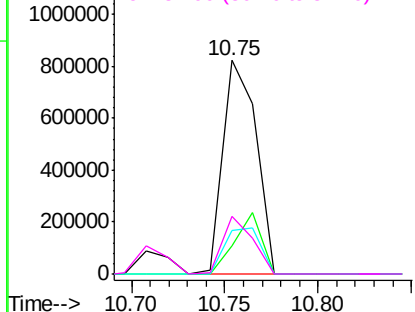


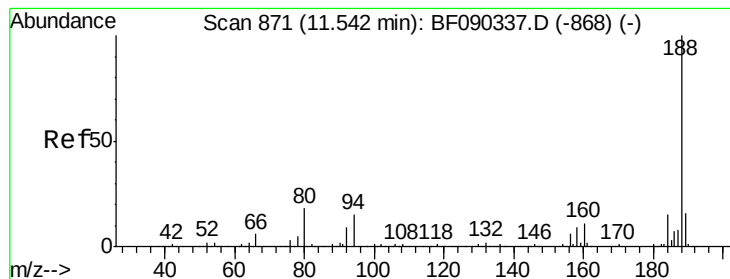
#62
Azobenzene
Concen: 35.37 ng
RT: 10.75 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF090337.D
Acq: 4 Oct 2016 12:01

Tgt Ion: 77 Resp: 1025317
Ion Ratio Lower Upper
77 100
182 13.2 3.2 43.2
105 20.5 2.9 42.9
51 26.9 14.2 54.2



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: 11.54 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

Instrument :

BNA_F

ClientSampleId :

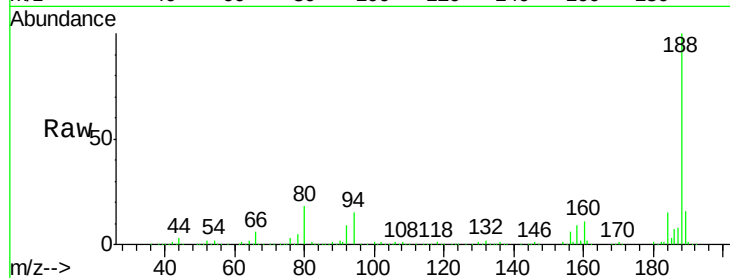
Tot Ion:188 Resp: 633754

Ion Ratio Lower Upper

188 100

94 15.4 8.2 12.2#

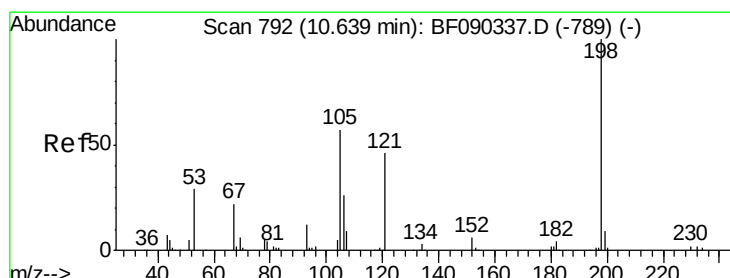
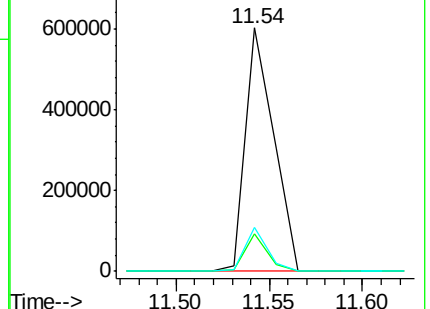
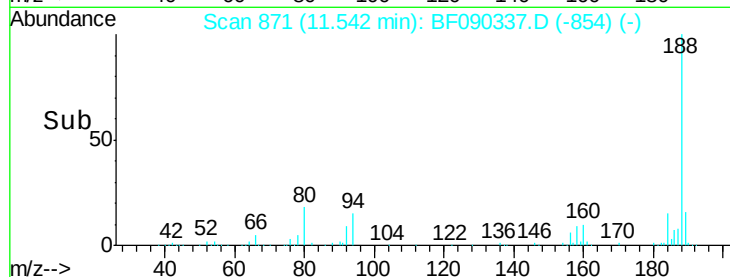
80 18.1 8.8 13.2#



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: 26.83 ng

RT: 10.64 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

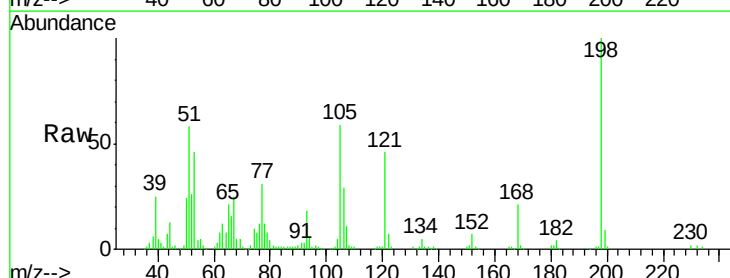
Tgt Ion:198 Resp: 106516

Ion Ratio Lower Upper

198 100

51 58.0 67.3 107.3#

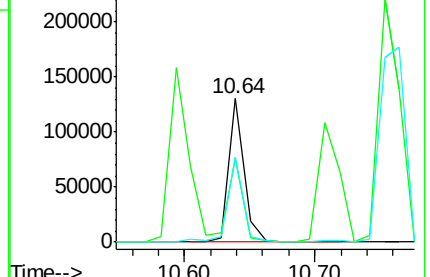
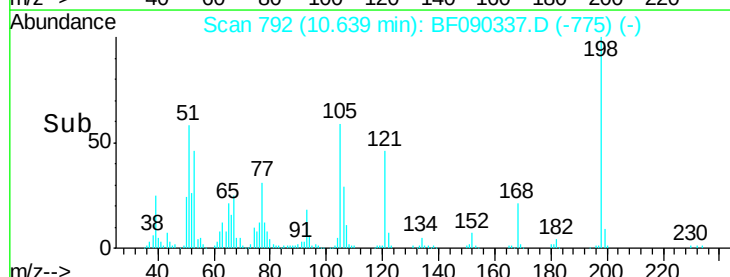
105 59.3 42.6 82.6

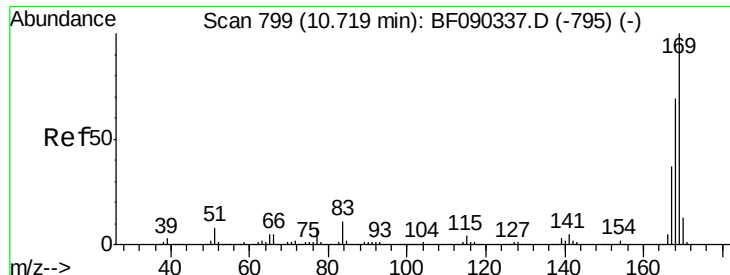


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

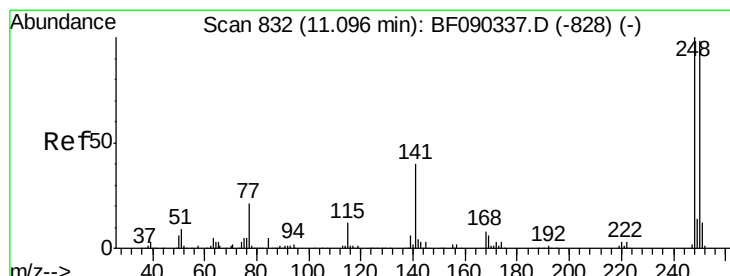
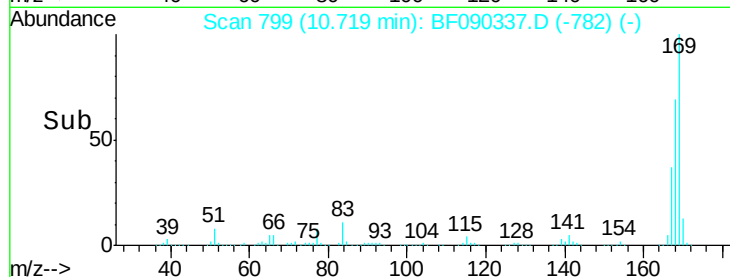
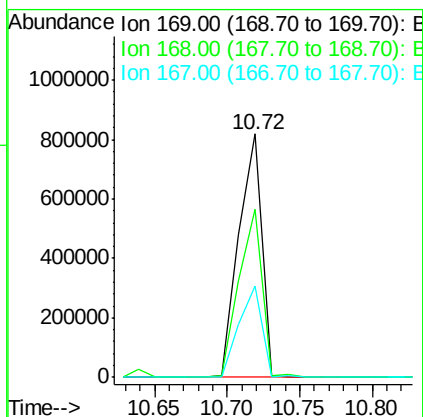
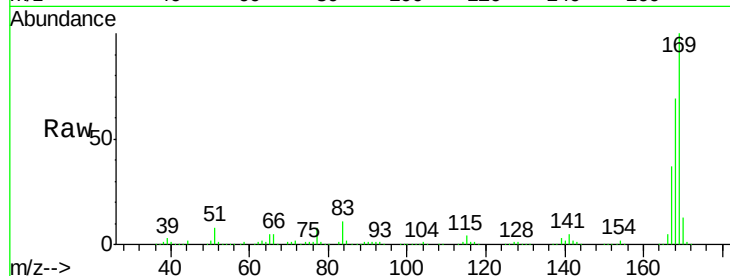




#65
 n-Nitrosodiphenylamine
 Concen: 43.15 ng
 RT: 10.72 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF090337.D
 Acq: 4 Oct 2016 12:01

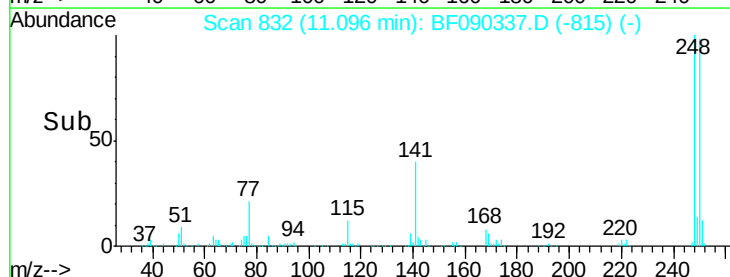
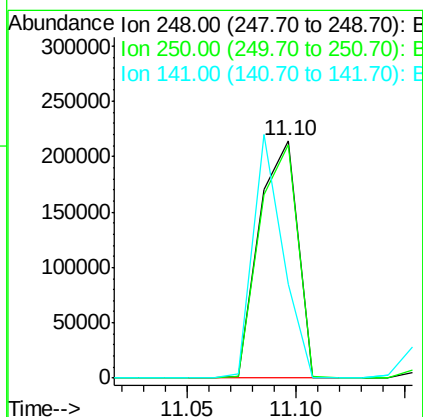
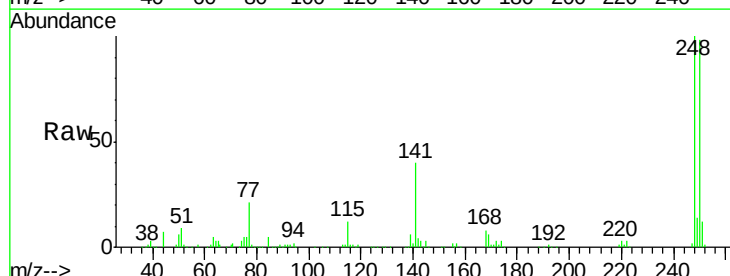
Instrument :
 BNA_F
 ClientSampleId :

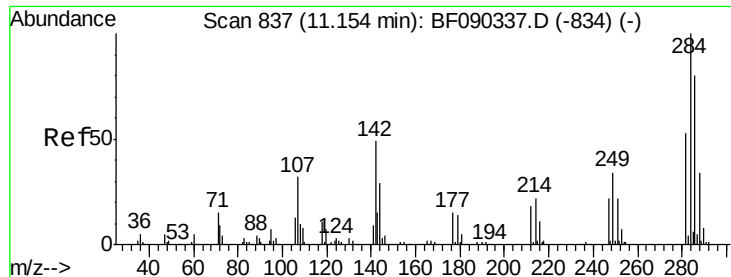
Tot Ion:169 Resp: 899190
 Ion Ratio Lower Upper
 169 100
 168 68.9 53.8 80.6
 167 37.5 29.8 44.8



#66
 4-Bromophenyl-phenylether
 Concen: 42.61 ng
 RT: 11.10 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF090337.D
 Acq: 4 Oct 2016 12:01

Tgt Ion:248 Resp: 265709
 Ion Ratio Lower Upper
 248 100
 250 98.2 76.5 114.7
 141 39.6 59.8 89.6#





#67

Hexachlorobenzene

Concen: 42.78 ng

RT: 11.15 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

Instrument :

BNA_F

ClientSampleId :

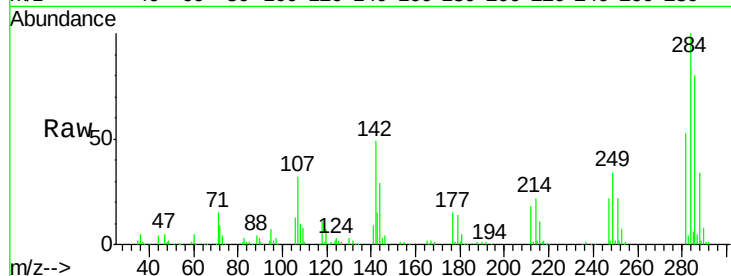
Tot Ion:284 Resp: 310971

Ion Ratio Lower Upper

284 100

142 49.4 23.1 34.7#

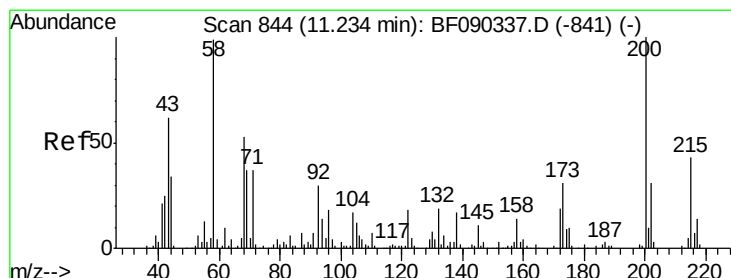
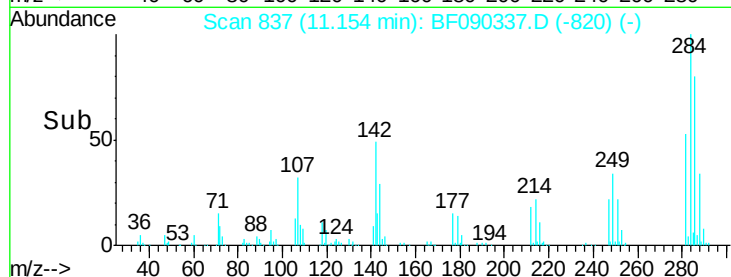
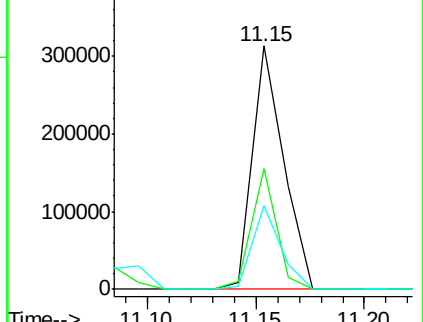
249 34.3 26.3 39.5



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: 34.34 ng

RT: 11.23 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

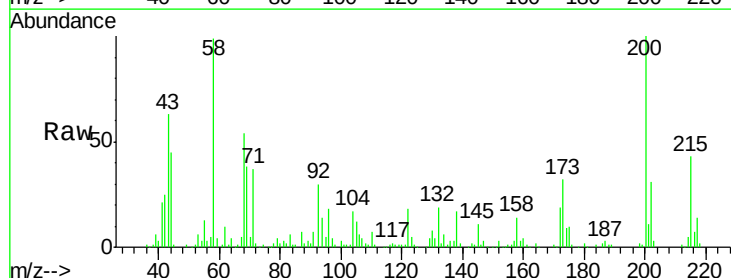
Tgt Ion:200 Resp: 196110

Ion Ratio Lower Upper

200 100

173 31.6 9.0 49.0

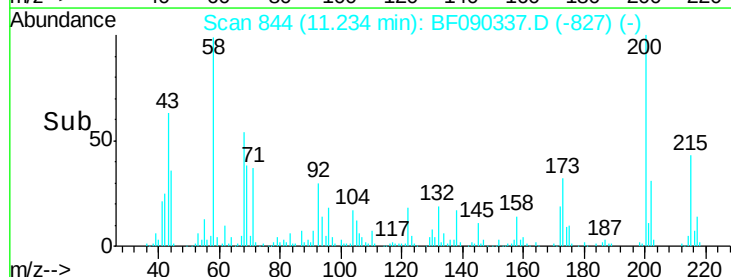
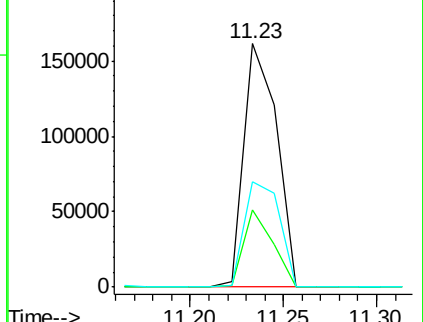
215 43.2 24.8 64.8

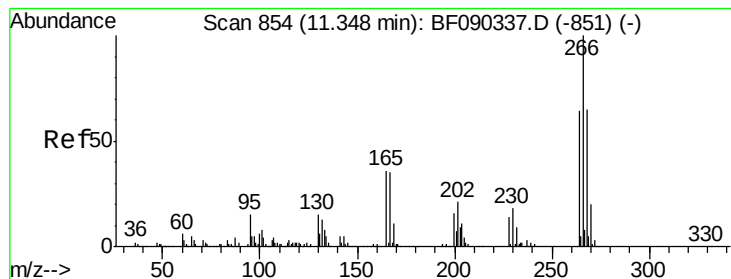


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 45.36 ng

RT: 11.35 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

Instrument :

BNA_F

ClientSampled :

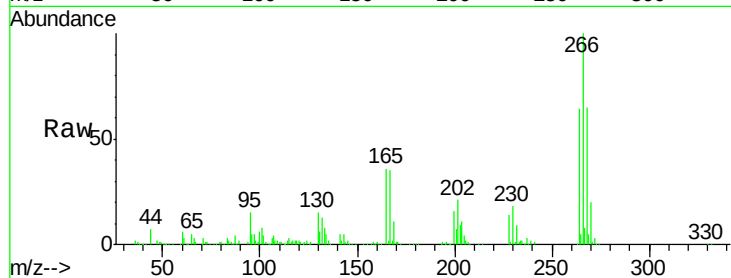
Tot Ion:266 Resp: 187128

Ion Ratio Lower Upper

266 100

268 65.0 50.9 76.3

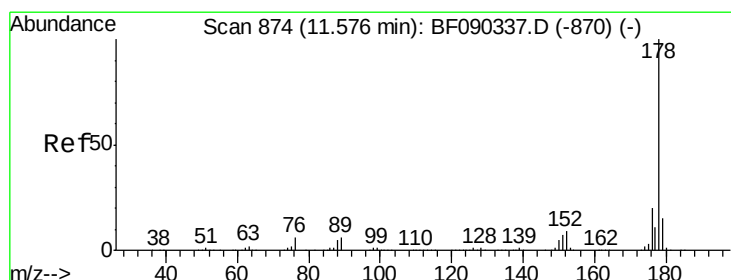
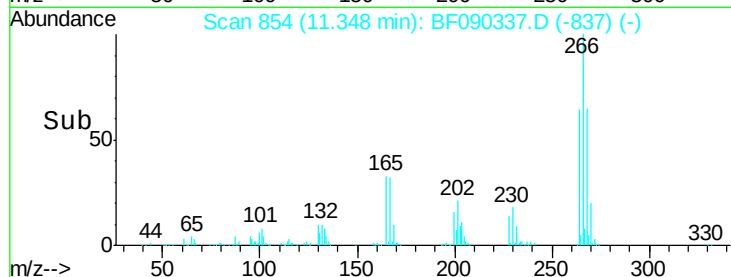
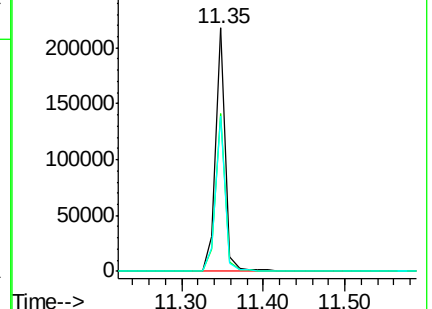
264 63.9 51.5 77.3



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: 46.27 ng

RT: 11.58 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

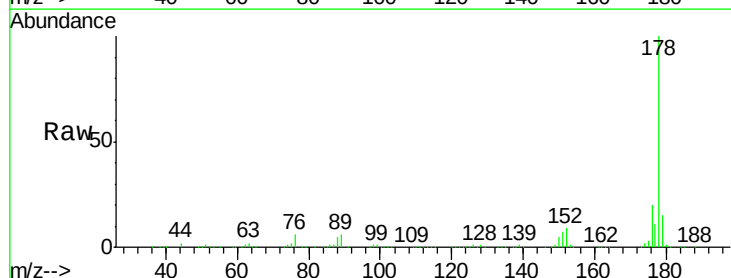
Tgt Ion:178 Resp: 1371348

Ion Ratio Lower Upper

178 100

176 19.7 17.3 25.9

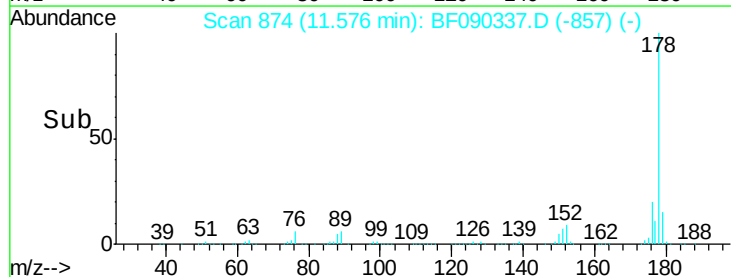
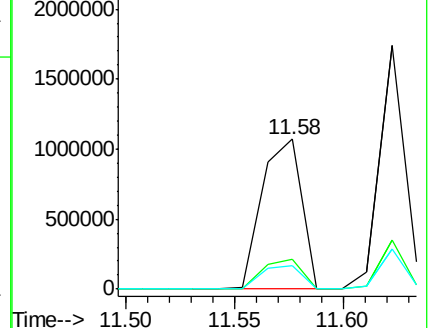
179 15.4 13.8 20.6

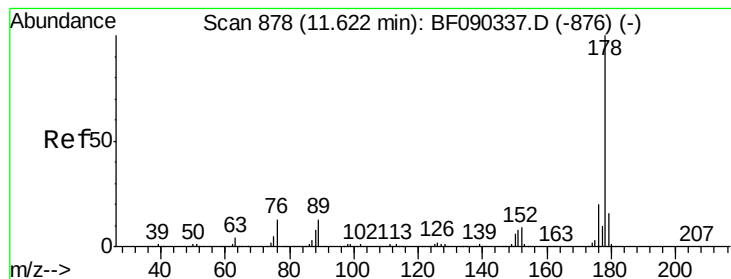


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 45.41 ng

RT: 11.62 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

Instrument :

BNA_F

ClientSampled :

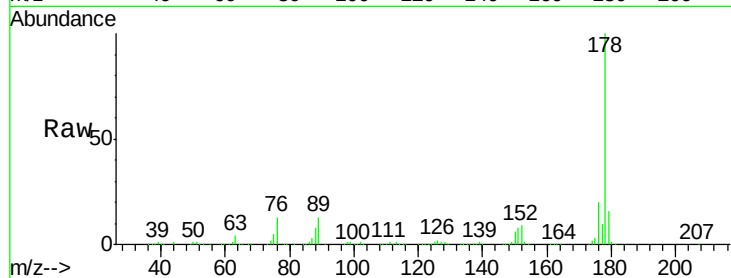
Tot Ion:178 Resp: 1411718

Ion Ratio Lower Upper

178 100

176 20.1 16.8 25.2

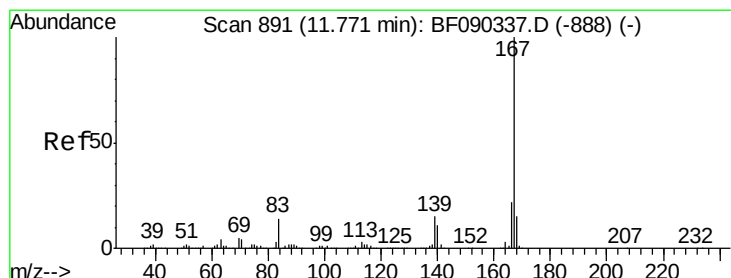
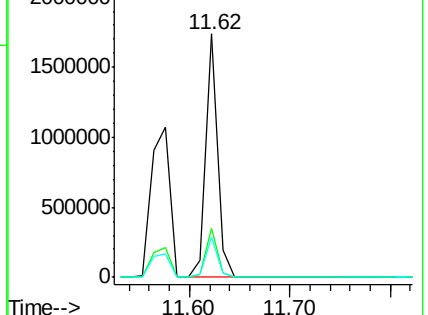
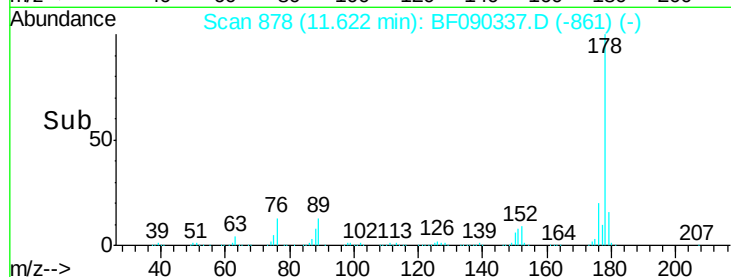
179 16.4 13.4 20.2



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



#72

Carbazole

Concen: 36.75 ng

RT: 11.77 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

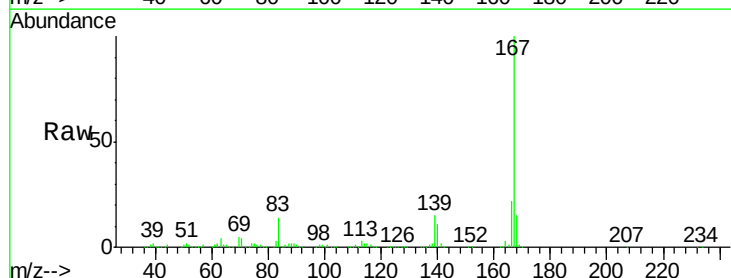
Tgt Ion:167 Resp: 1207868

Ion Ratio Lower Upper

167 100

166 22.2 19.1 28.7

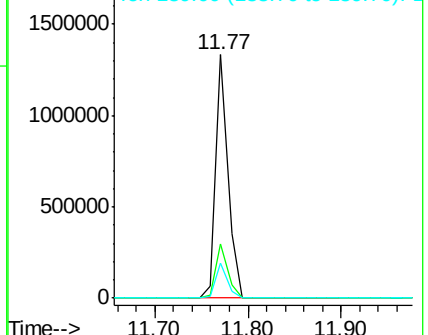
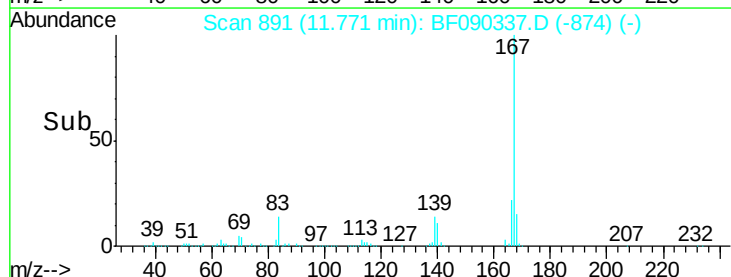
139 14.6 12.1 18.1

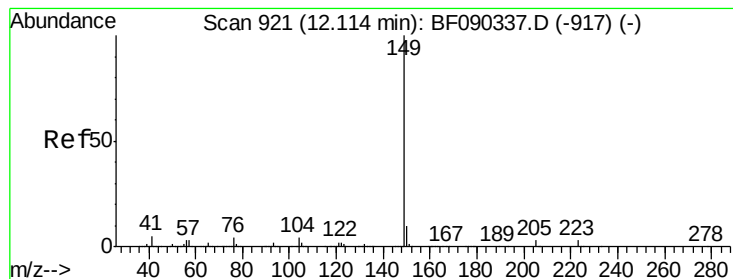


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.06 ng

RT: 12.11 min Scan# 921

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

Instrument :

BNA_F

ClientSampleId :

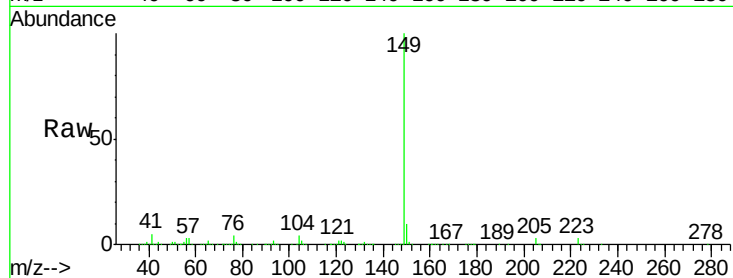
Tot Ion:149 Resp: 1569178

Ion Ratio Lower Upper

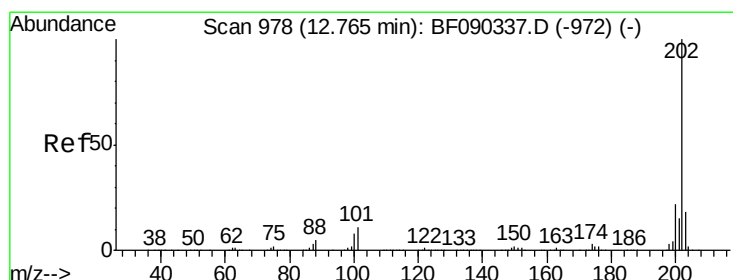
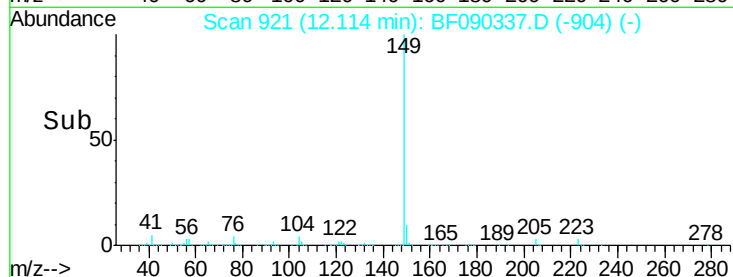
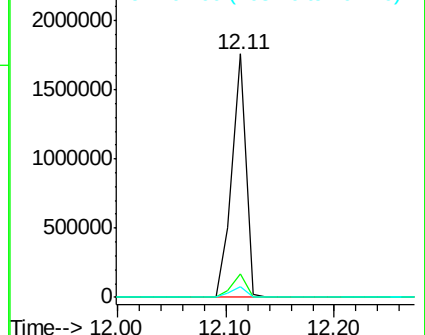
149 100

150 9.6 8.6 12.8

104 4.2 4.7 7.1#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.02 ng

RT: 12.77 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

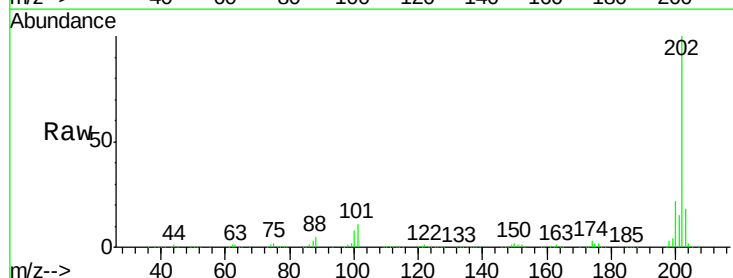
Tgt Ion:202 Resp: 1368582

Ion Ratio Lower Upper

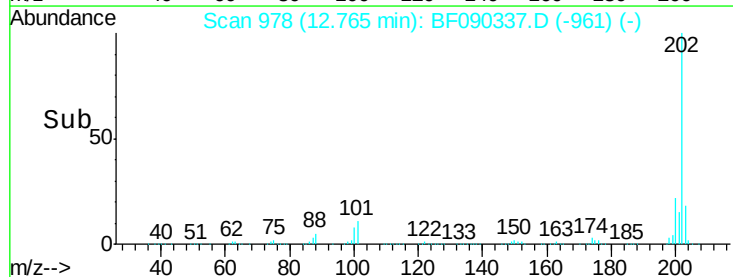
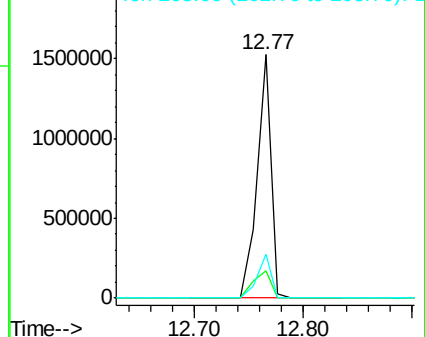
202 100

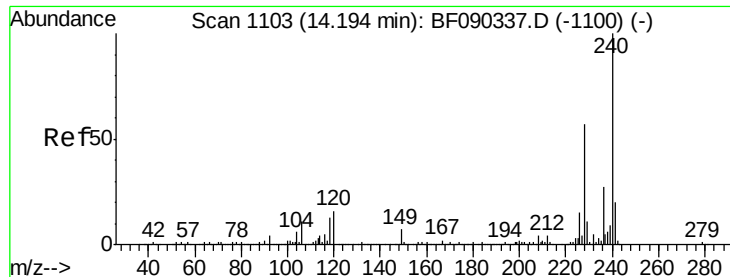
101 11.4 0.0 37.2

203 18.3 0.0 39.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.19 min Scan# 1103

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

Instrument :

BNA_F

ClientSampleId :

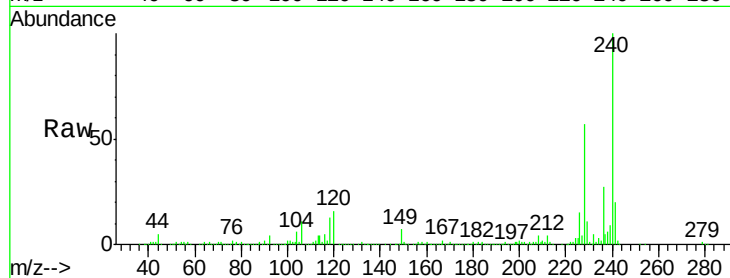
Tot Ion:240 Resp: 517595

Ion Ratio Lower Upper

240 100

120 15.6 8.6 13.0#

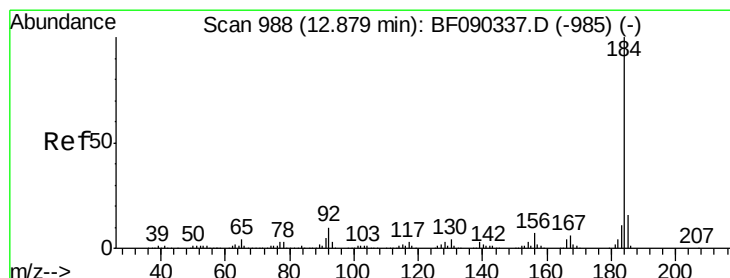
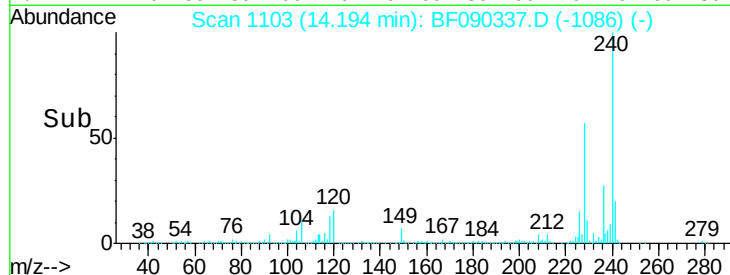
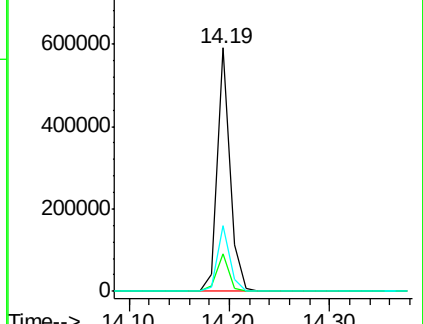
236 27.0 21.6 32.4



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: 34.50 ng

RT: 12.88 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

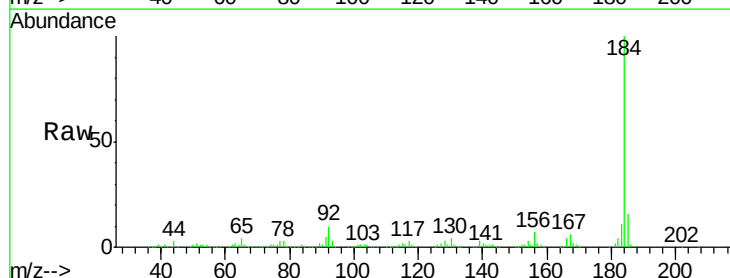
Tgt Ion:184 Resp: 597760

Ion Ratio Lower Upper

184 100

185 15.9 11.8 17.8

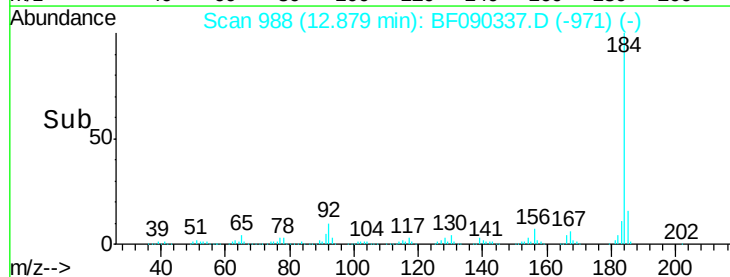
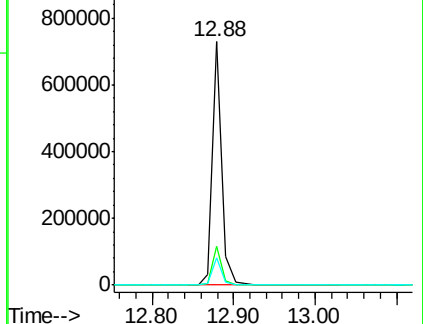
183 11.2 9.6 14.4

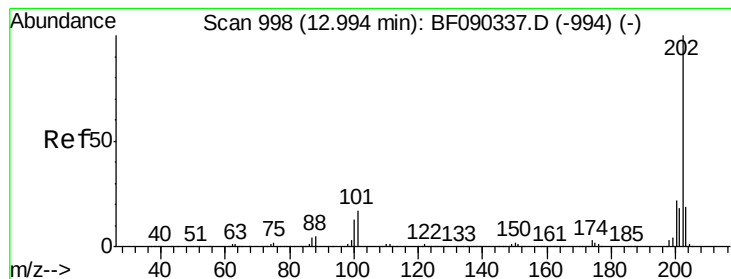


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.90 ng

RT: 12.99 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

Instrument :

BNA_F

ClientSampleId :

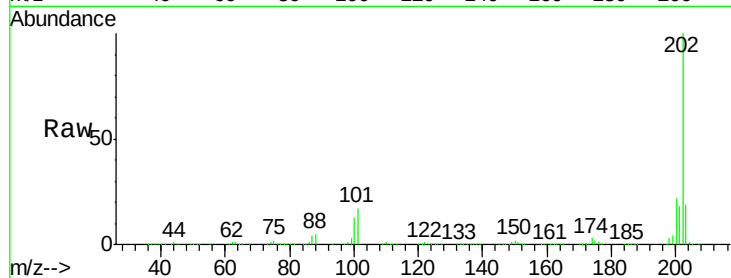
Tot Ion:202 Resp: 1377624

Ion Ratio Lower Upper

202 100

200 22.5 18.5 27.7

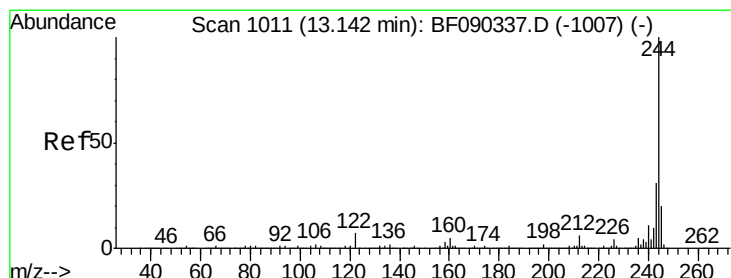
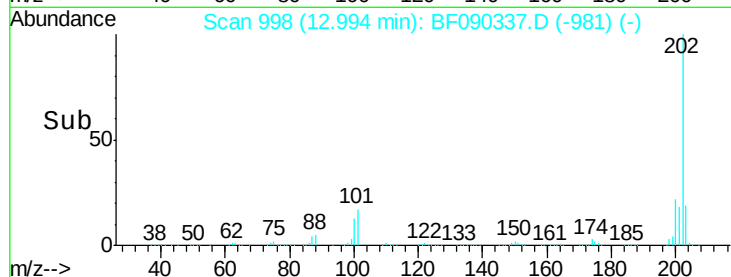
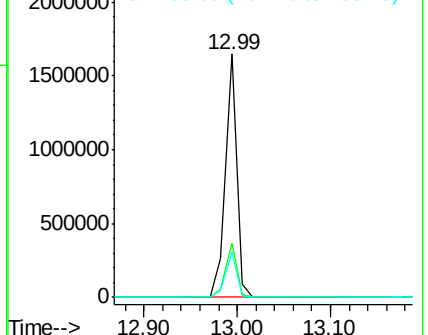
203 18.5 15.0 22.6



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: 89.30 ng

RT: 13.14 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

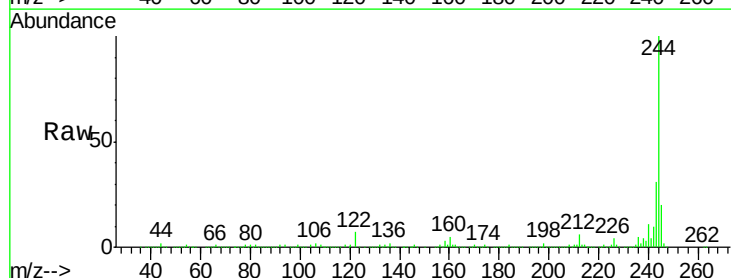
Tgt Ion:244 Resp: 1820484

Ion Ratio Lower Upper

244 100

212 6.4 6.8 10.2#

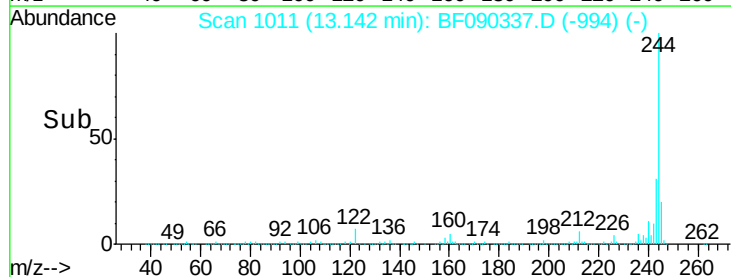
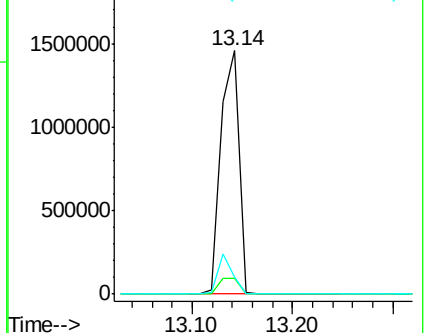
122 7.1 13.3 19.9#

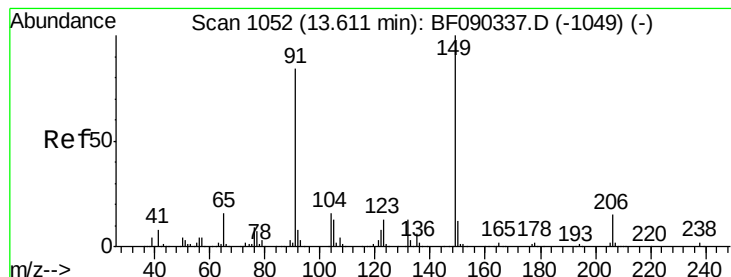


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 31.32 ng

RT: 13.61 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

Instrument :

BNA_F

ClientSampleId :

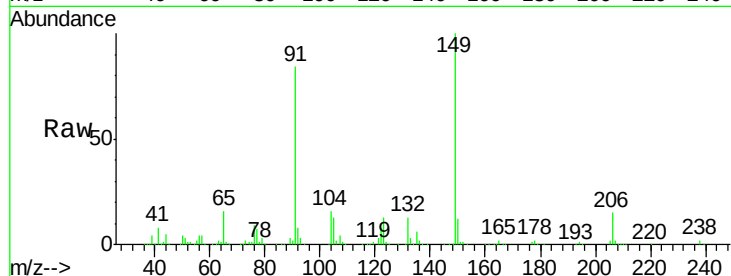
Tot Ion:149 Resp: 542587

Ion Ratio Lower Upper

149 100

91 83.7 51.8 77.8#

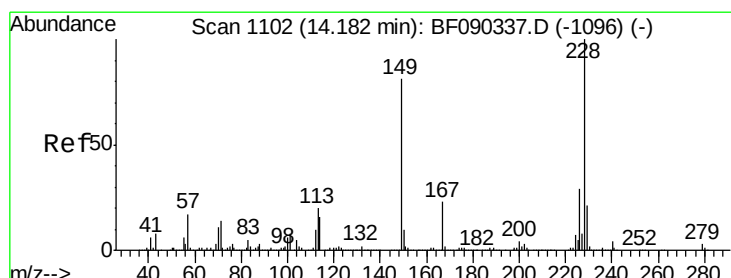
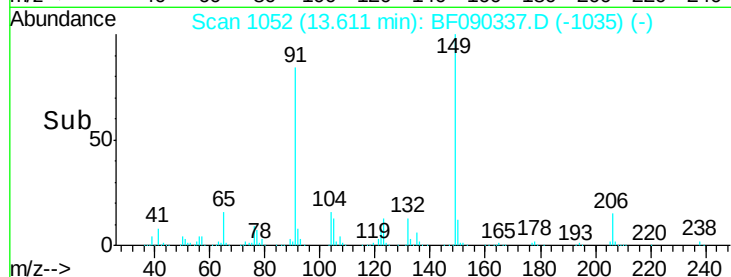
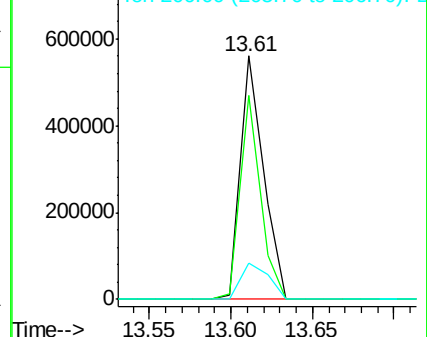
206 14.7 18.0 27.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.02 ng

RT: 14.18 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

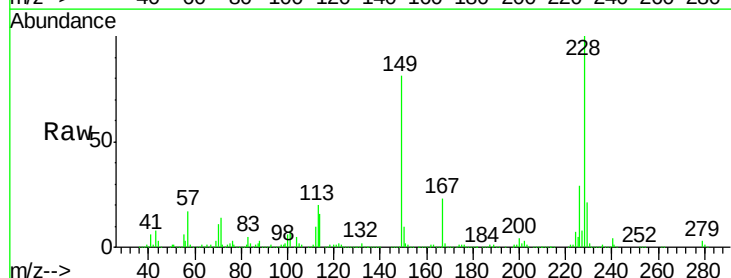
Tgt Ion:228 Resp: 1114328

Ion Ratio Lower Upper

228 100

226 29.0 23.6 35.4

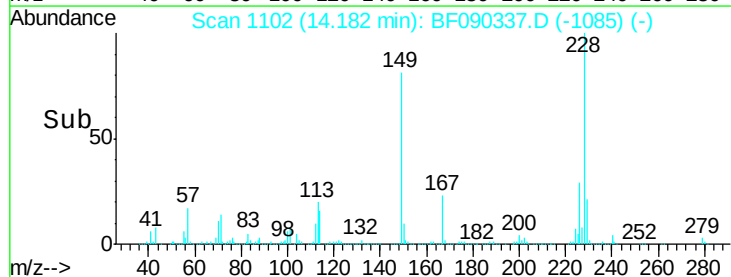
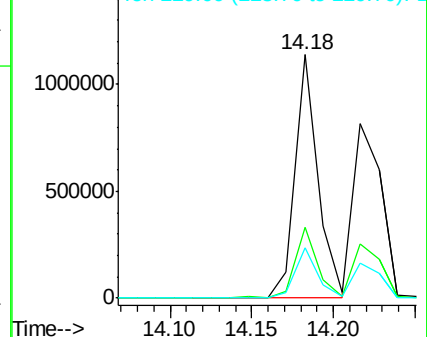
229 20.7 16.6 25.0

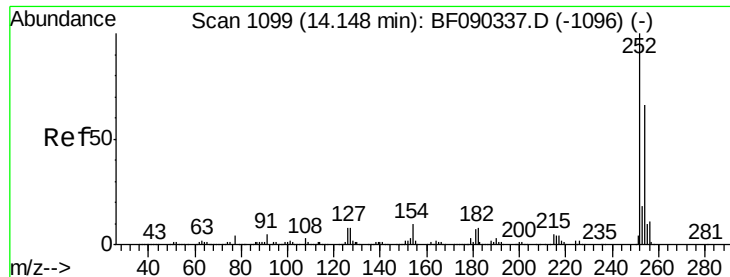


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

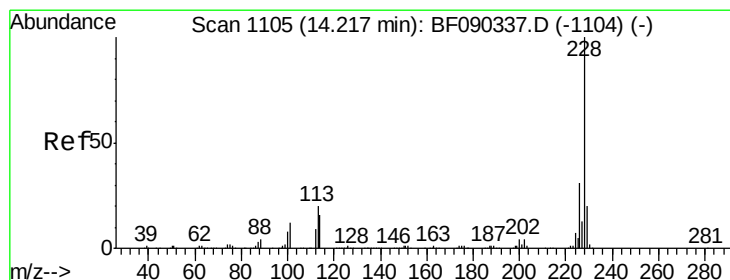
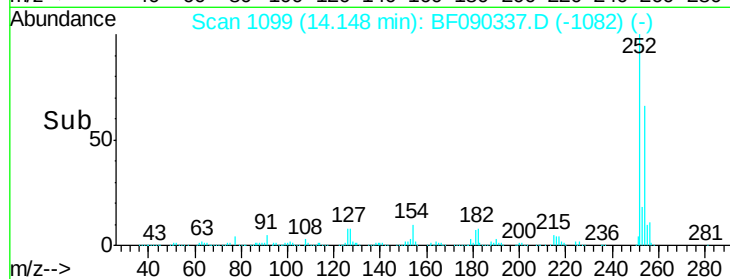
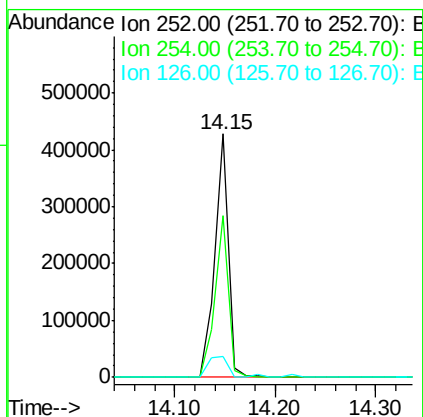
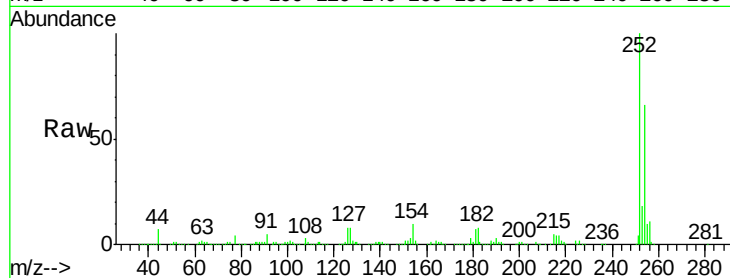




#81
 3,3'-Dichlorobenzidine
 Concen: 34.89 ng
 RT: 14.15 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF090337.D
 Acq: 4 Oct 2016 12:01

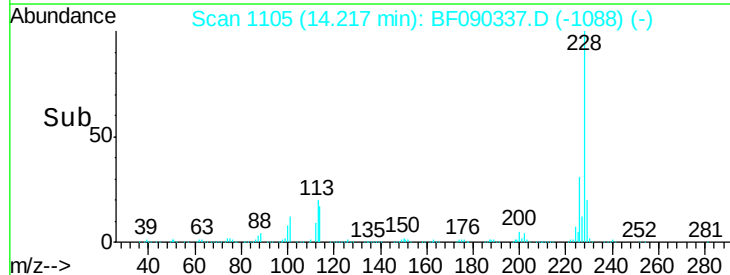
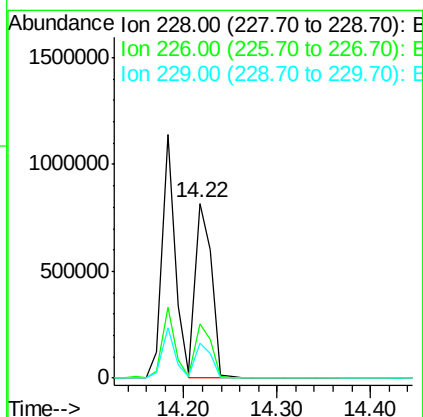
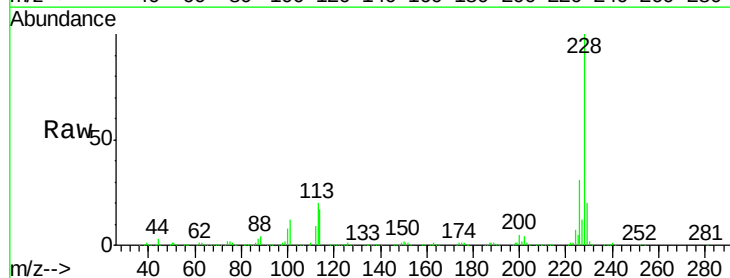
Instrument :
 BNA_F
 ClientSampleId :

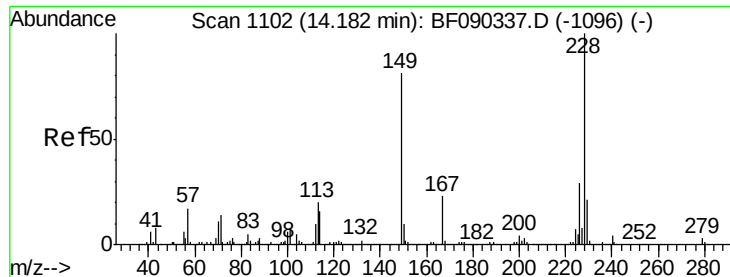
Tot Ion:252 Resp: 400711
 Ion Ratio Lower Upper
 252 100
 254 66.3 52.1 78.1
 126 8.5 4.2 6.4#



#82
 Chrysene
 Concen: 36.79 ng
 RT: 14.22 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF090337.D
 Acq: 4 Oct 2016 12:01

Tgt Ion:228 Resp: 997872
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.8 38.6
 229 20.1 16.9 25.3

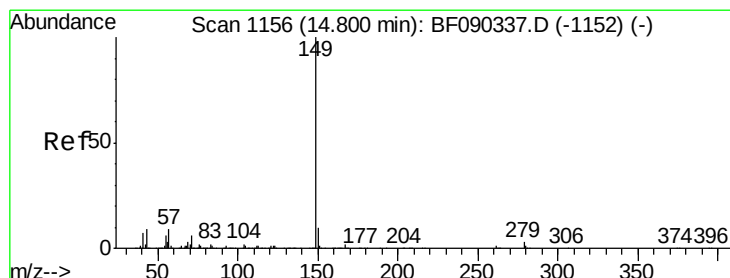
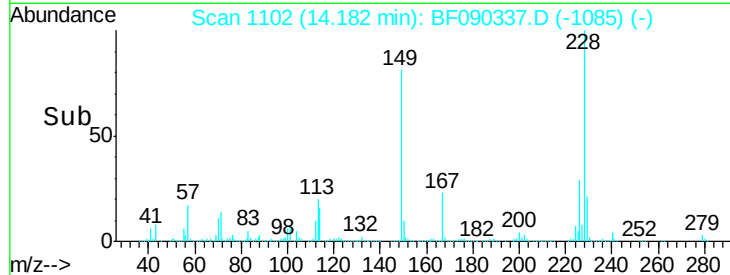
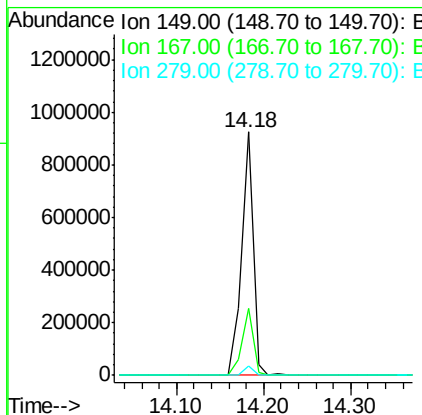
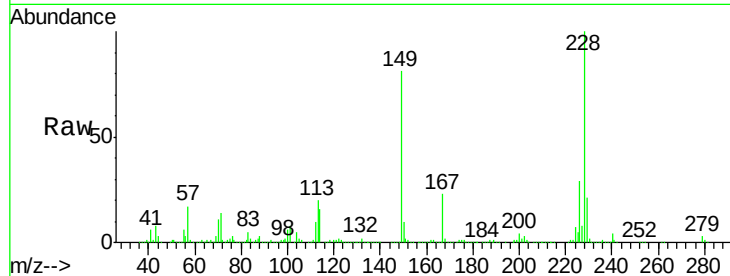




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.18 ng
 RT: 14.18 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF090337.D
 Acq: 4 Oct 2016 12:01

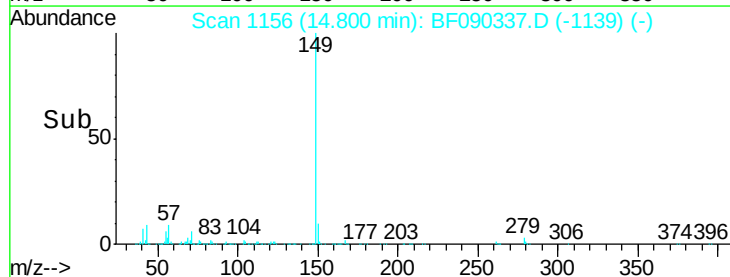
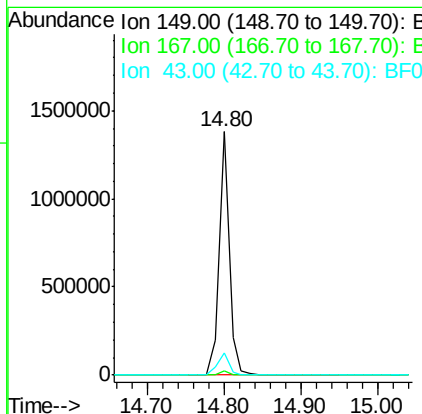
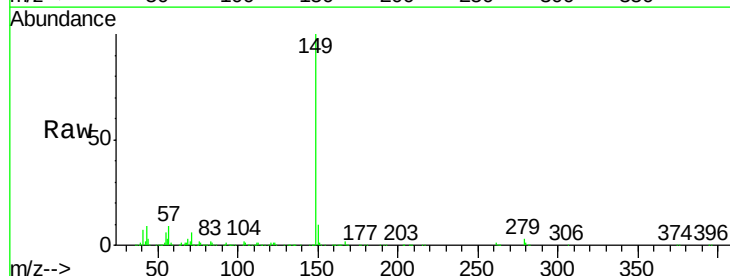
Instrument :
 BNA_F
 ClientSampleId :

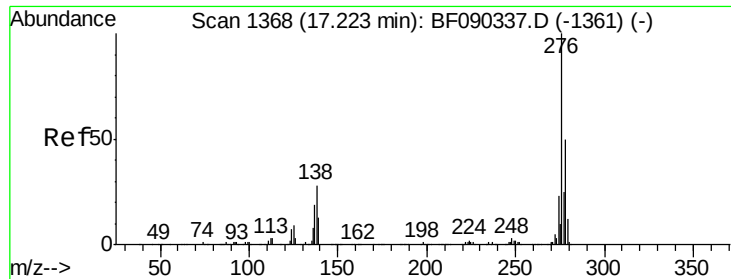
Tot Ion:149 Resp: 846494
 Ion Ratio Lower Upper
 149 100
 167 27.8 21.5 32.3
 279 3.6 2.6 3.8



#84
 Di-n-octyl phthalate
 Concen: 33.00 ng
 RT: 14.80 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF090337.D
 Acq: 4 Oct 2016 12:01

Tgt Ion:149 Resp: 1260413
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.8 11.8 17.8#

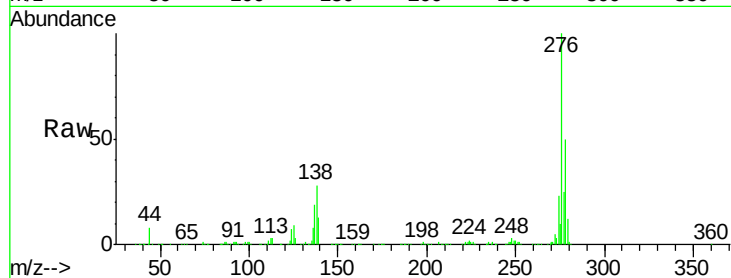




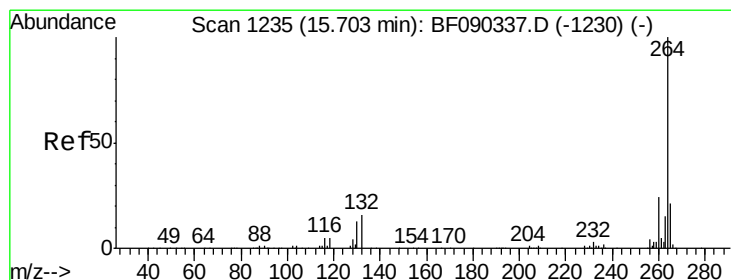
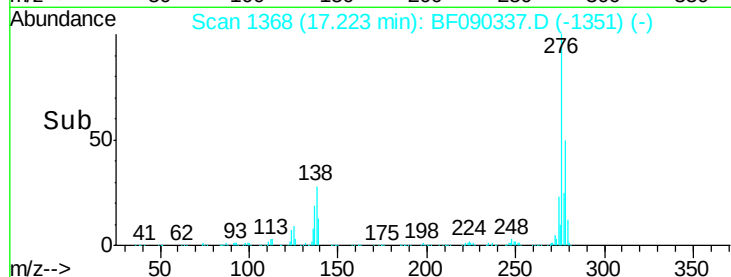
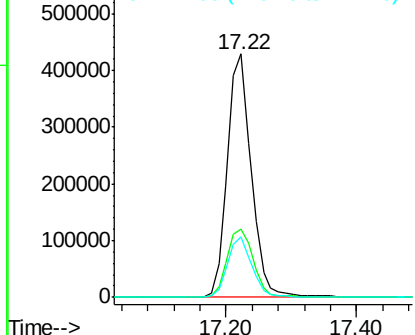
#85
Indeno(1,2,3-cd)pyrene
Concen: 49.67 ng
RT: 17.22 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BF090337.D
Acq: 4 Oct 2016 12:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:276 Resp: 1089389
Ion Ratio Lower Upper
276 100
138 31.1 23.8 35.8
277 25.1 20.4 30.6

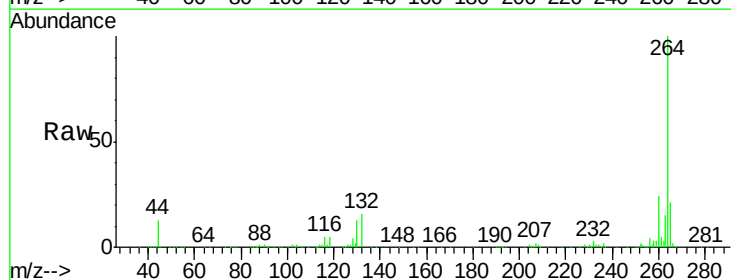


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

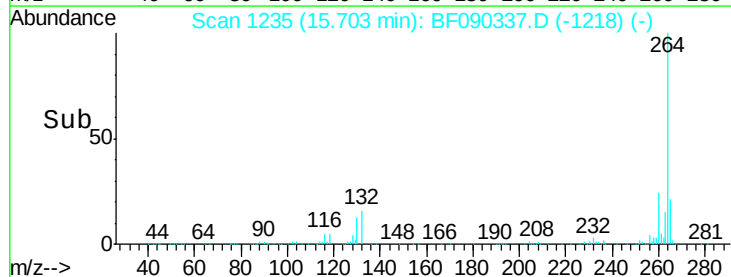
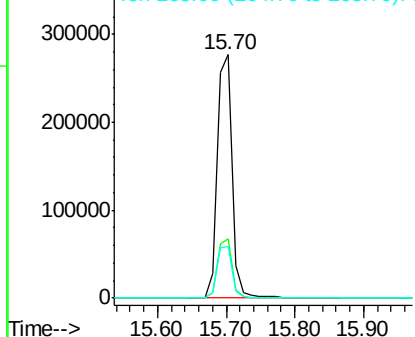


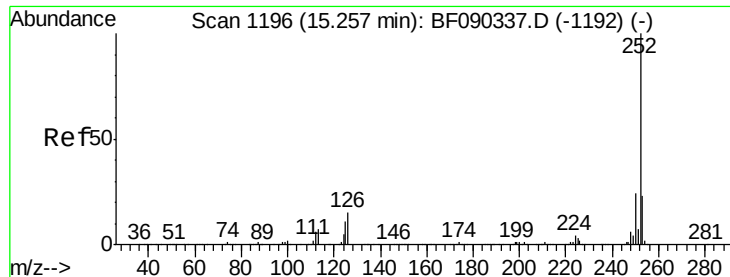
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.70 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF090337.D
Acq: 4 Oct 2016 12:01

Tgt Ion:264 Resp: 422575
Ion Ratio Lower Upper
264 100
260 24.4 19.3 28.9
265 21.4 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

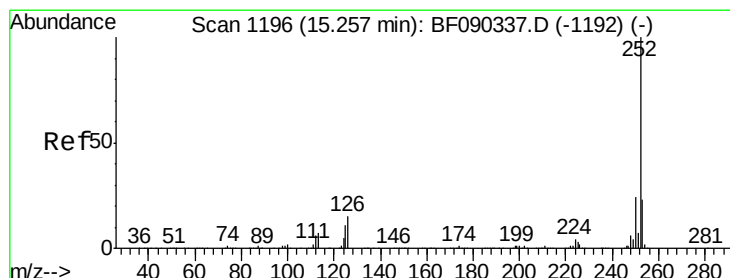
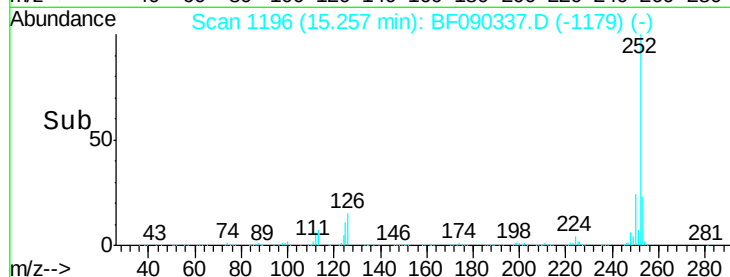
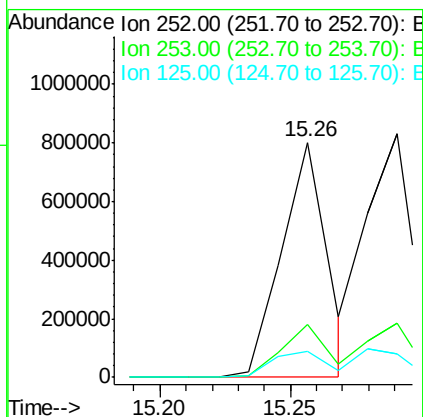
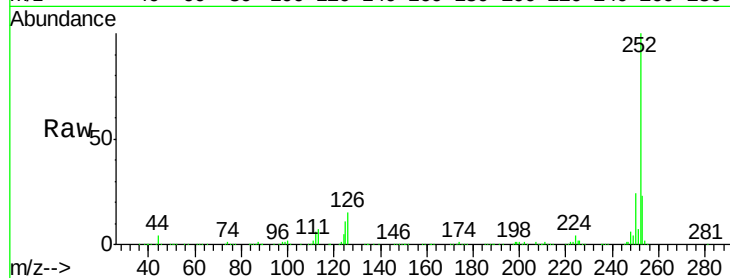




#87
Benzo(b)fluoranthene
Concen: 41.22 ng
RT: 15.26 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF090337.D
Acq: 4 Oct 2016 12:01

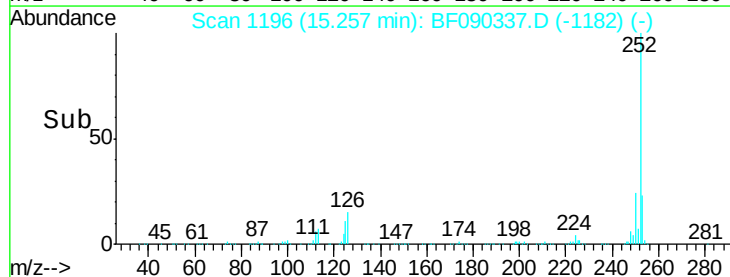
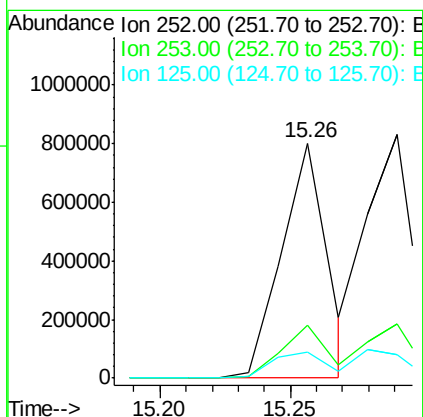
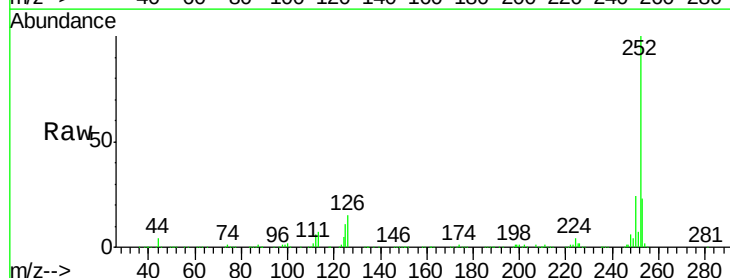
Instrument :
BNA_F
ClientSampleId :

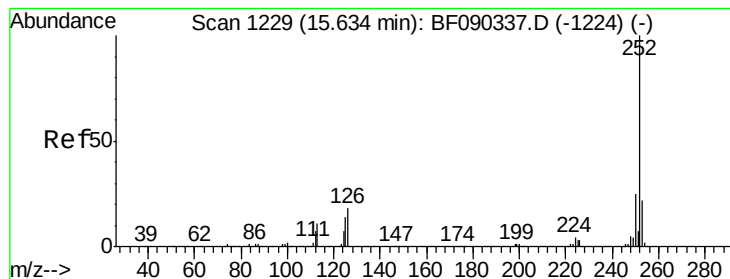
Tot Ion:252 Resp: 964504
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 11.1 7.0 10.4#



#88
Benzo(k)fluoranthene
Concen: 43.92 ng
RT: 15.26 min Scan# 1196
Delta R.T. -0.03 min
Lab File: BF090337.D
Acq: 4 Oct 2016 12:01

Tgt Ion:252 Resp: 964504
Ion Ratio Lower Upper
252 100
253 22.6 18.6 27.8
125 11.1 11.7 17.5#





#89

Benzo(a)pyrene

Concen: 42.14 ng

RT: 15.63 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

Instrument :

BNA_F

ClientSampleId :

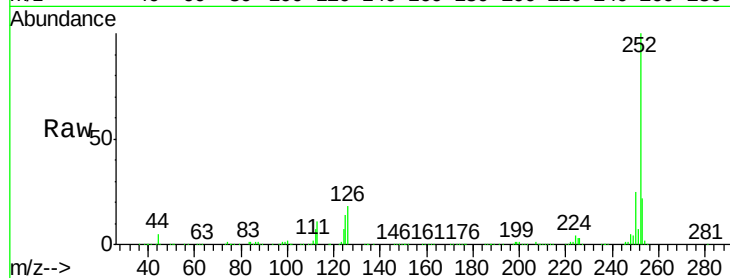
Tot Ion:252 Resp: 927655

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

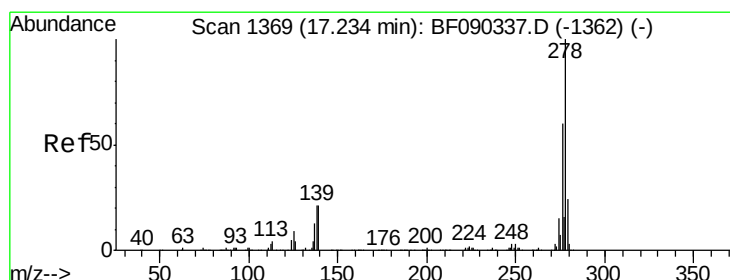
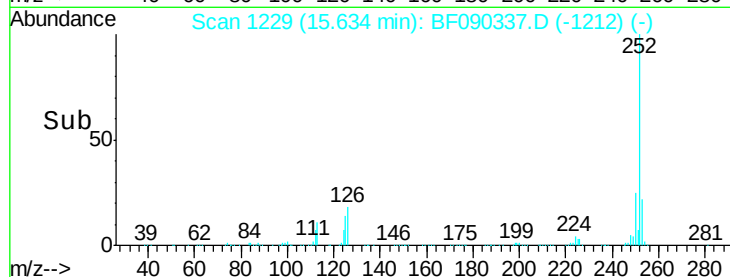
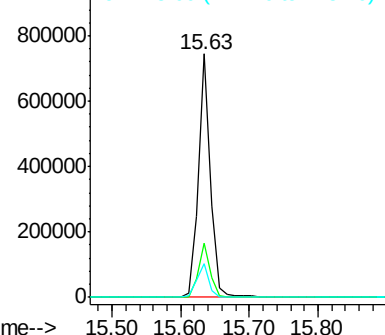
125 14.1 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 53.12 ng

RT: 17.23 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BF090337.D

Acq: 4 Oct 2016 12:01

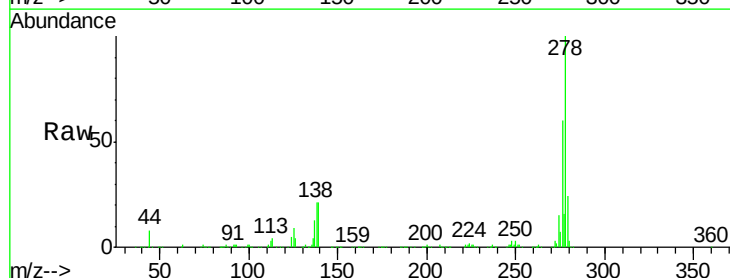
Tgt Ion:278 Resp: 912349

Ion Ratio Lower Upper

278 100

139 21.0 12.8 19.2#

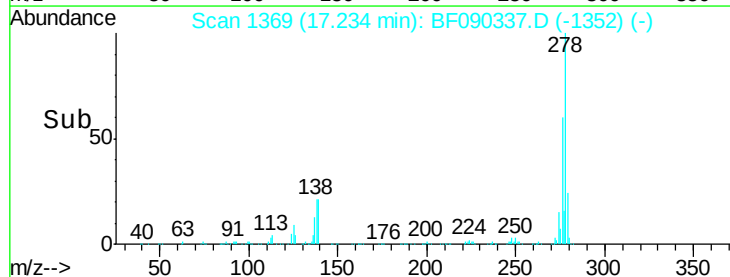
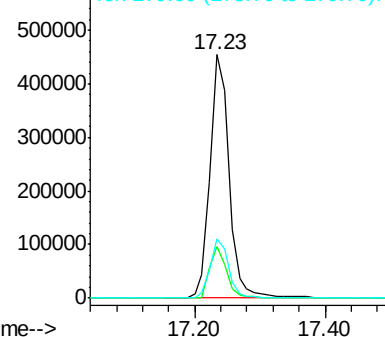
279 24.2 19.6 29.4

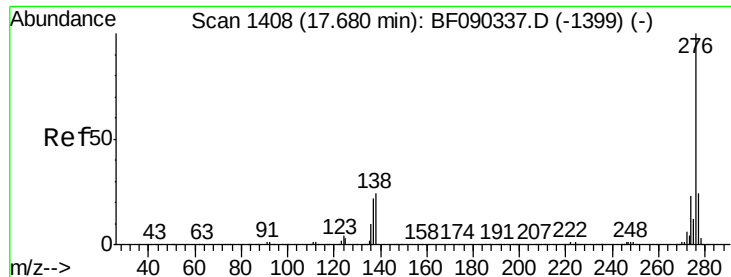


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

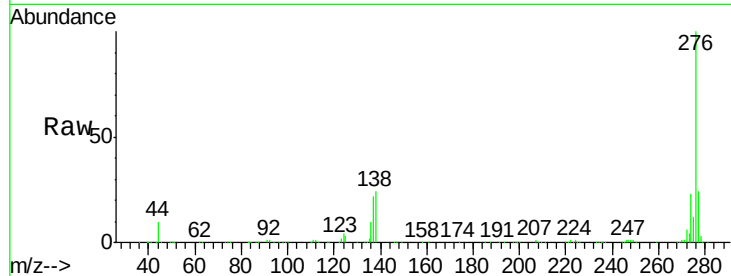




#91
 Benzo(a,h,i)perylene
 Concen: 52.51 ng
 RT: 17.68 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF090337.D
 Acq: 4 Oct 2016 12:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.4	29.0
138	24.5	20.8	31.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

