

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
 Data File : BF090353.D
 Acq On : 4 Oct 2016 20:28
 Operator : UM/SJ
 Sample : PB93778BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93778BS

Quant Time: Oct 05 01:14:24 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 14:16:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	259752	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1032760	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	472125	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	710469	20.00	ng	0.00
75) Chrysene-d12	14.19	240	489312	20.00	ng	0.00
86) Perylene-d12	15.70	264	421706	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	2051848	124.59	ng	0.00
7) Phenol-d6	6.63	99	2762027	134.17	ng	0.00
23) Nitrobenzene-d5	7.57	82	1718587	97.00	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	590832	144.09	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2699632	93.23	ng	0.00
78) Terphenyl-d14	13.14	244	2176503	103.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.78	88	268180	33.36	ng	94
3) Pyridine	3.54	79	882754	41.43	ng	88
4) n-Nitrosodimethylamine	3.49	42	365181	47.31	ng	# 67
6) Aniline	6.69	93	646187	22.85	ng	99
8) 2-Chlorophenol	6.79	128	751694	40.62	ng	99
9) Benzaldehyde	6.55	77	338229	35.40	ng	98
10) Phenol	6.65	94	1136168	45.38	ng	92
11) bis(2-Chloroethyl)ether	6.74	93	720559	40.53	ng	85
12) 1,3-Dichlorobenzene	6.95	146	752710	39.16	ng	99
13) 1,4-Dichlorobenzene	7.02	146	715088	36.64	ng	97
14) 1,2-Dichlorobenzene	7.18	146	770446	41.52	ng	99
15) Benzyl Alcohol	7.15	79	725836	50.02	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1191417	43.84	ng	95
17) 2-Methylphenol	7.25	107	567783	39.61	ng	98
18) Hexachloroethane	7.53	117	283957	40.21	ng	93
19) n-Nitroso-di-n-propylamine	7.42	70	646814	49.20	ng	# 83
20) 3+4-Methylphenols	7.41	107	823952	45.21	ng	# 84
22) Acetophenone	7.42	105	1039528	43.47	ng	# 84
24) Nitrobenzene	7.59	77	893265	47.22	ng	92
25) Isophorone	7.83	82	1532485	45.47	ng	97
26) 2-Nitrophenol	7.91	139	321379	44.03	ng	95
27) 2,4-Dimethylphenol	7.94	122	625944	38.01	ng	95
28) bis(2-Chloroethoxy)methane	8.04	93	887818	42.42	ng	# 97
29) 2,4-Dichlorophenol	8.15	162	514320	38.15	ng	98
30) 1,2,4-Trichlorobenzene	8.23	180	556934	36.88	ng	100
31) Naphthalene	8.31	128	1926120	39.02	ng	99
32) Benzoic acid	8.04	122	320872	32.25	ng	96
33) 4-Chloroaniline	8.37	127	127526	6.47	ng	# 91
34) Hexachlorobutadiene	8.44	225	309252	34.79	ng	99
35) Caprolactam	8.71	113	138032	39.15	ng	99
36) 4-Chloro-3-methylphenol	8.84	107	620653	42.87	ng	96
37) 2-Methylnaphthalene	9.01	142	1310489	42.30	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	560343	42.05	ng	98
40) Hexachlorocyclopentadiene	9.17	237	647588	73.03	ng	100

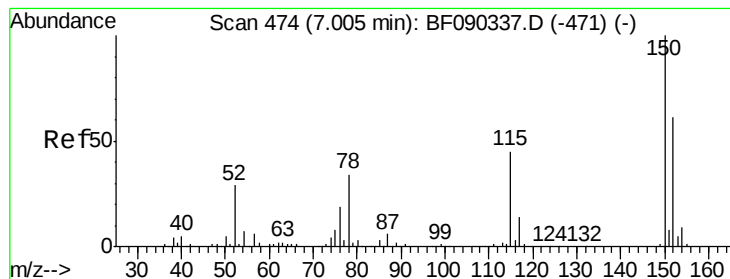
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	388034	46.29	ng	98
43) 2,4,5-Trichlorophenol	9.32	196	328216	38.91	ng	# 91
45) 1,1'-Biphenyl	9.48	154	1556005	42.57	ng	96
46) 2-Chloronaphthalene	9.50	162	1211734	44.16	ng	98
47) 2-Nitroaniline	9.59	65	403515	53.88	ng	# 83
48) Acenaphthylene	9.91	152	1644832	39.63	ng	99
49) Dimethylphthalate	9.78	163	1305484	46.71	ng	98
50) 2,6-Dinitrotoluene	9.83	165	293928	48.08	ng	# 83
51) Acenaphthene	10.09	154	1181208	46.77	ng	98
52) 3-Nitroaniline	9.99	138	132340	19.11	ng	84
53) 2,4-Dinitrophenol	10.11	184	254995	108.68	ng	89
54) Dibenzofuran	10.27	168	1547579	46.34	ng	97
55) 4-Nitrophenol	10.15	139	525795	95.35	ng	94
56) 2,4-Dinitrotoluene	10.23	165	331277	45.02	ng	# 31
57) Fluorene	10.61	166	1263058	45.21	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	297377	49.99	ng	96
59) Diethylphthalate	10.47	149	1182272	41.38	ng	# 91
60) 4-Chlorophenyl-phenylether	10.60	204	610427	46.08	ng	95
61) 4-Nitroaniline	10.61	138	243908	39.16	ng	94
62) Azobenzene	10.76	77	1704087	57.24	ng	92
64) 4,6-Dinitro-2-methylphenol	10.65	198	156985	48.57	ng	# 52
65) n-Nitrosodiphenylamine	10.71	169	1019561	42.09	ng	98
66) 4-Bromophenyl-phenylether	11.09	248	346729	45.16	ng	96
67) Hexachlorobenzene	11.16	284	348945	38.67	ng	# 91
68) Atrazine	11.24	200	267078	46.05	ng	99
69) Pentachlorophenol	11.34	266	363962	71.95	ng	99
70) Phenanthrene	11.57	178	1629979	42.76	ng	99
71) Anthracene	11.62	178	1605916	42.21	ng	98
72) Carbazole	11.78	167	1487091	42.52	ng	96
73) Di-n-butylphthalate	12.11	149	1796322	42.97	ng	98
74) Fluoranthene	12.76	202	1417243	39.20	ng	97
76) Benzidine	12.87	184	343169	25.50	ng	97
77) Pyrene	12.99	202	1377666	43.97	ng	98
79) Butylbenzylphthalate	13.62	149	673118	54.51	ng	94
80) Benzo(a)anthracene	14.18	228	1265245	46.11	ng	99
81) 3,3'-Dichlorobenzidine	14.14	252	264346	27.97	ng	# 98
82) Chrysene	14.22	228	1209425	47.04	ng	99
83) Bis(2-ethylhexyl)phthalate	14.18	149	1035221	52.41	ng	100
84) Di-n-octyl phthalate	14.80	149	1507364	52.52	ng	94
85) Indeno(1,2,3-cd)pyrene	17.22	276	1176513	42.58	ng	94
87) Benzo(b)fluoranthene	15.25	252	1291479	53.25	ng	# 95
88) Benzo(k)fluoranthene	15.25	252	1291479	55.75	ng	99
89) Benzo(a)pyrene	15.63	252	1025169	46.35	ng	# 94
90) Dibenzo(a,h)anthracene	17.24	278	988083	45.55	ng	# 95
91) Benzo(g,h,i)perylene	17.68	276	968546	45.59	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.01 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

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ClientSampleId :

PB93778BS

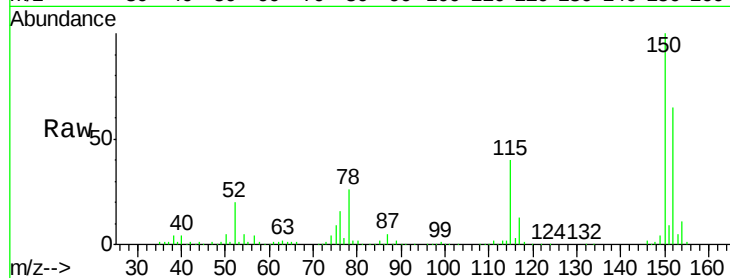
Tgt Ion:152 Resp: 259752

Ion Ratio Lower Upper

152 100

150 152.9 124.6 186.8

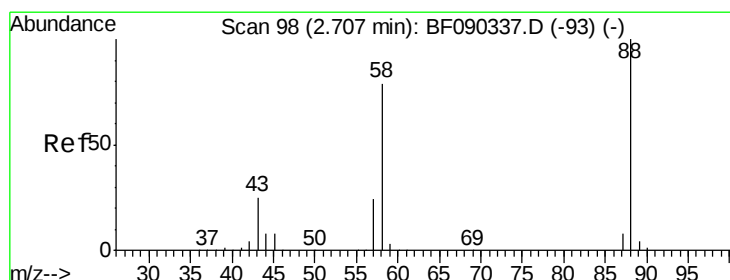
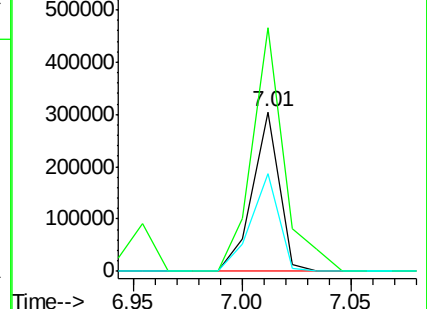
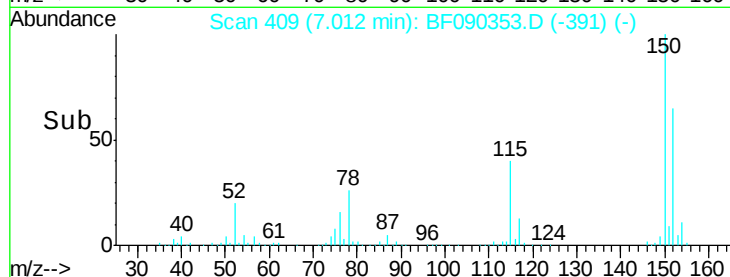
115 61.0 46.2 69.4



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: 33.36 ng

RT: 2.78 min Scan# 39

Delta R.T. 0.08 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

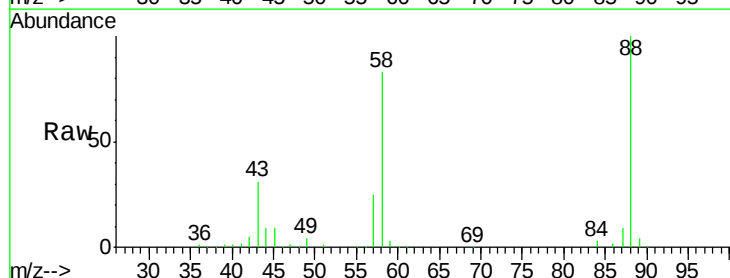
Tgt Ion: 88 Resp: 268180

Ion Ratio Lower Upper

88 100

58 85.1 71.2 106.8

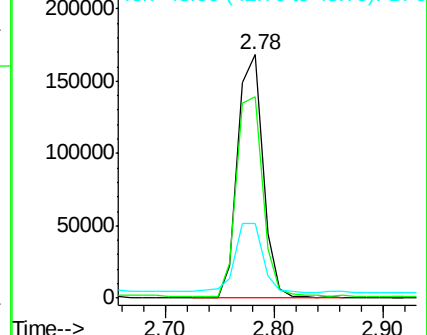
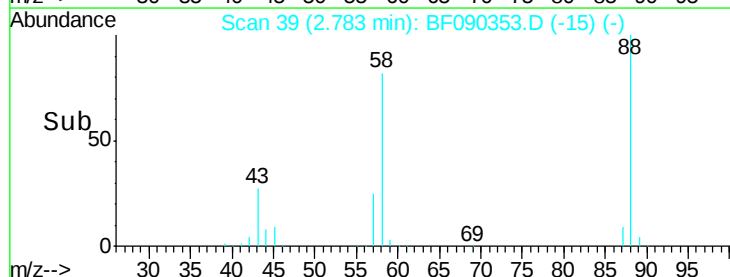
43 31.0 29.8 44.6

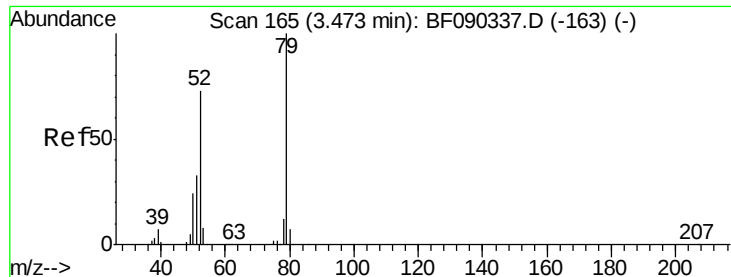


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 41.43 ng

RT: 3.54 min Scan# 105

Delta R.T. 0.06 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampleId :

PB93778BS

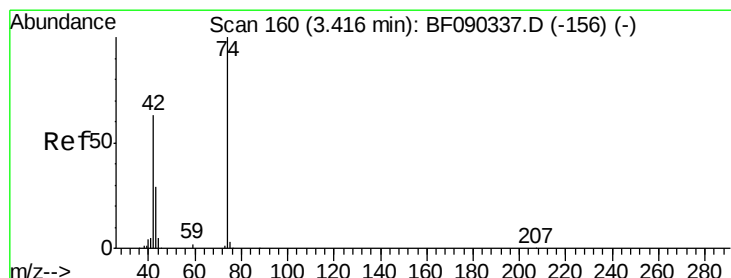
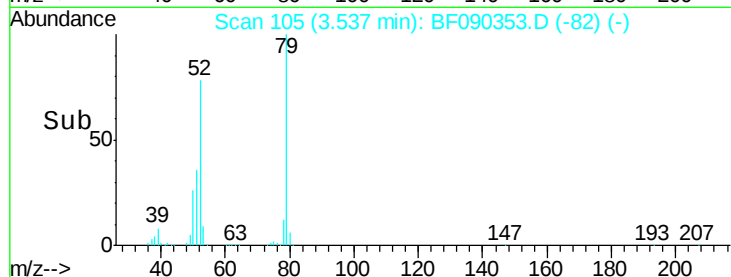
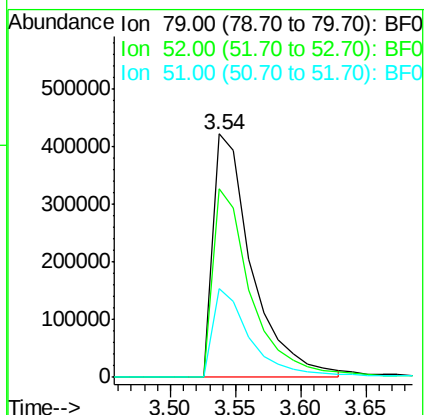
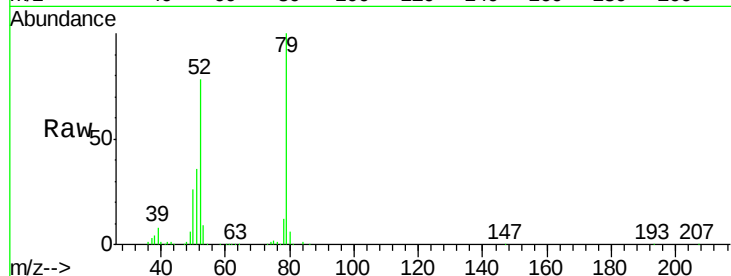
Tgt Ion: 79 Resp: 882754

Ion Ratio Lower Upper

79 100

52 77.6 71.3 106.9

51 36.3 34.5 51.7



#4

n-Nitrosodimethylamine

Concen: 47.31 ng

RT: 3.49 min Scan# 101

Delta R.T. 0.08 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

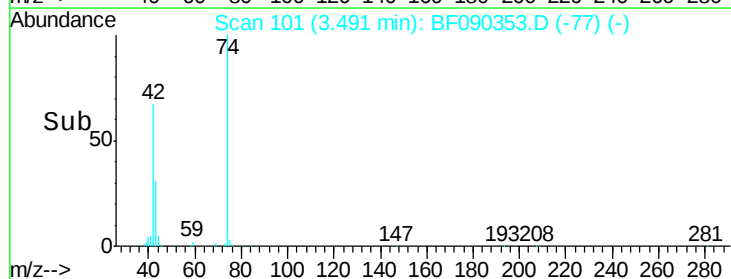
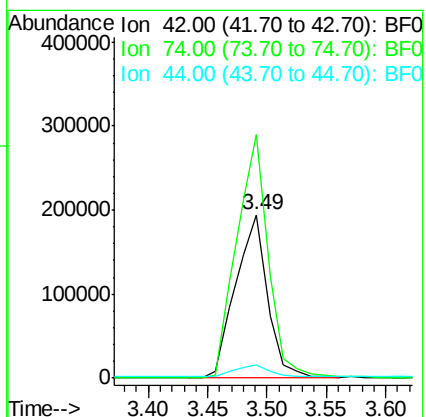
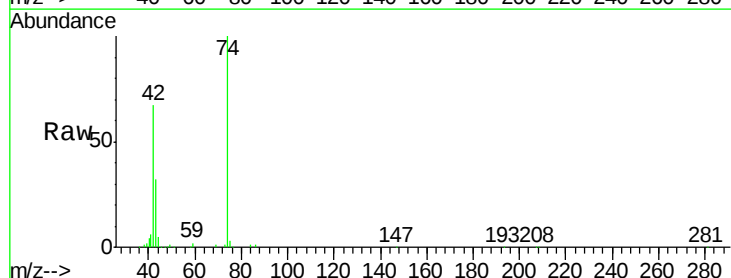
Tgt Ion: 42 Resp: 365181

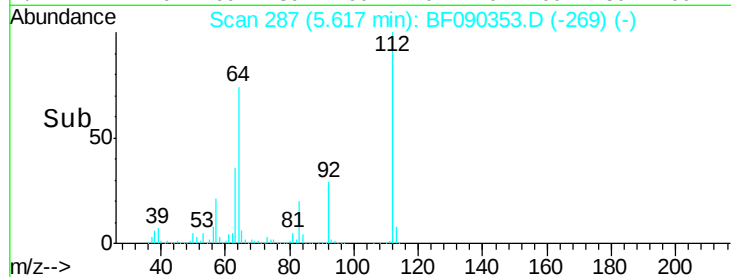
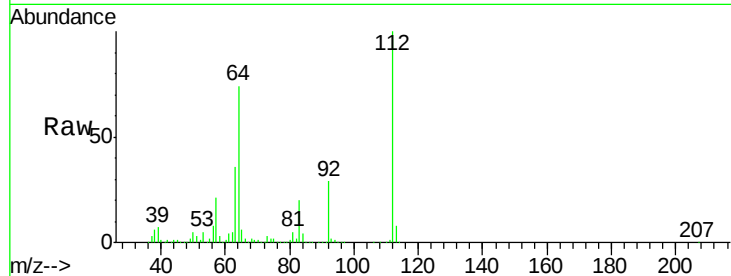
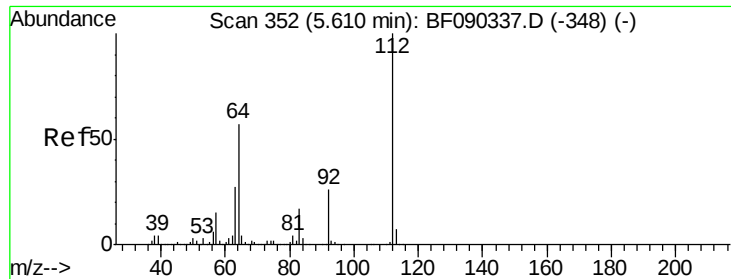
Ion Ratio Lower Upper

42 100

74 148.9 88.9 133.3#

44 8.1 6.5 9.7





#5

2-Fluorophenol

Concen: 124.59 ng

RT: 5.62 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampleId :

PB93778BS

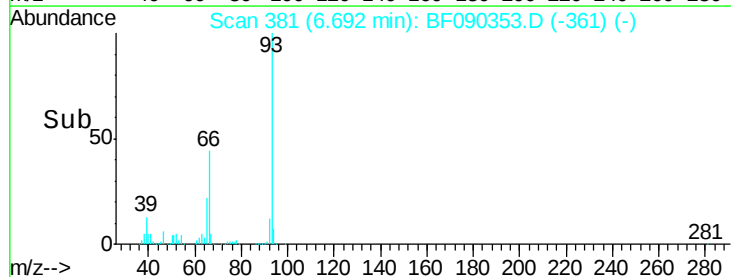
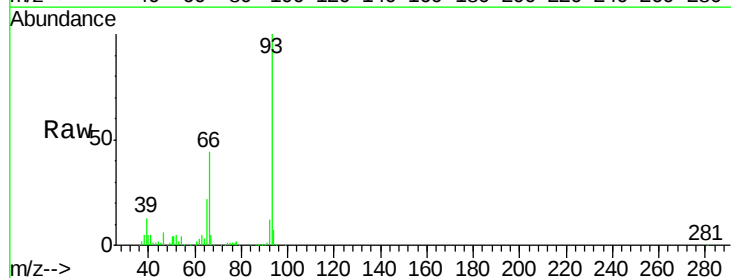
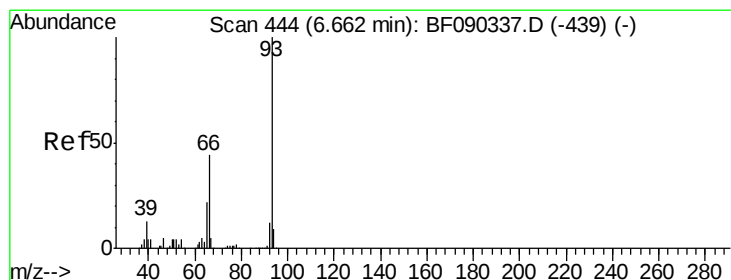
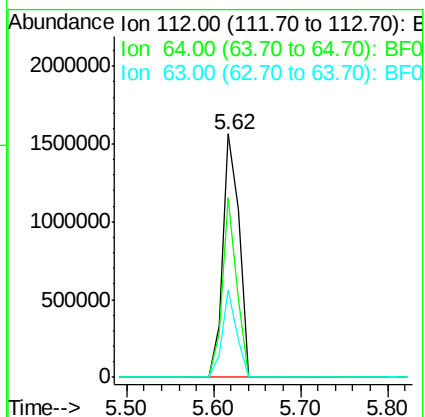
Tgt Ion:112 Resp: 2051848

Ion Ratio Lower Upper

112 100

64 74.0 57.9 86.9

63 35.9 29.6 44.4



#6

Aniline

Concen: 22.85 ng

RT: 6.69 min Scan# 381

Delta R.T. 0.03 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

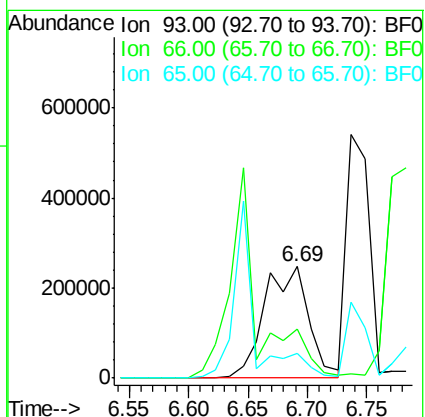
Tgt Ion: 93 Resp: 646187

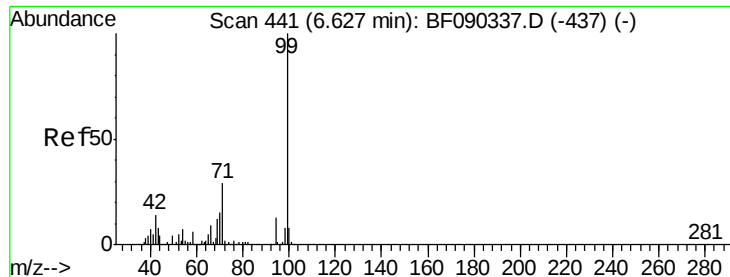
Ion Ratio Lower Upper

93 100

66 43.6 34.5 51.7

65 22.0 18.2 27.2





#7

Phenol-d6

Concen: 134.17 ng

RT: 6.63 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampleId :

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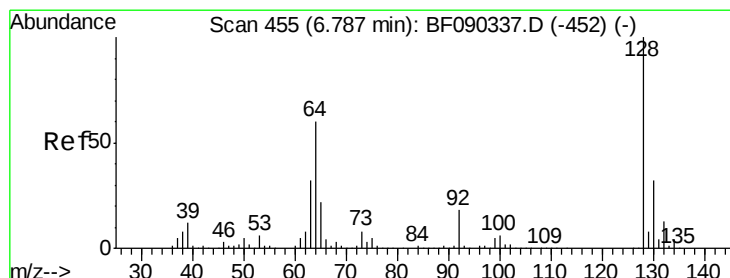
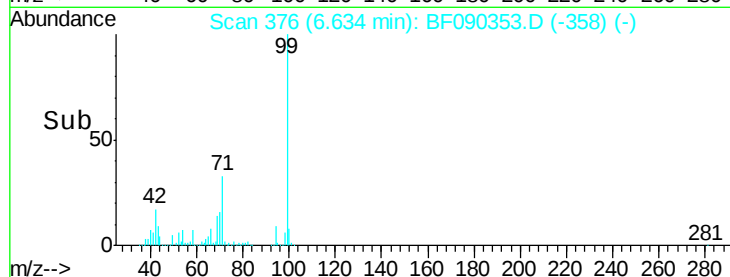
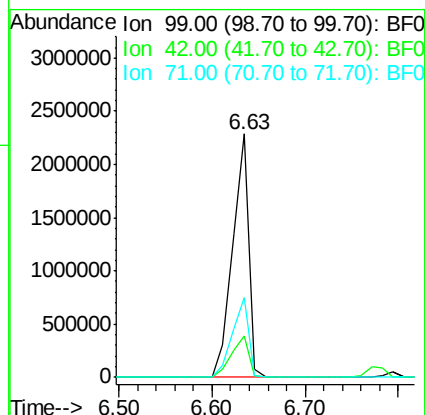
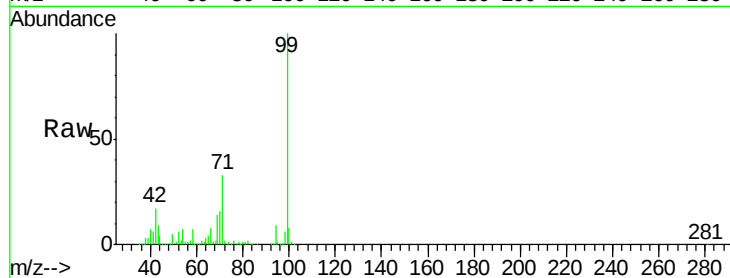
Tgt Ion: 99 Resp: 2762027

Ion Ratio Lower Upper

99 100

42 16.8 20.0 30.0#

71 33.0 27.9 41.9



#8

2-Chlorophenol

Concen: 40.62 ng

RT: 6.79 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

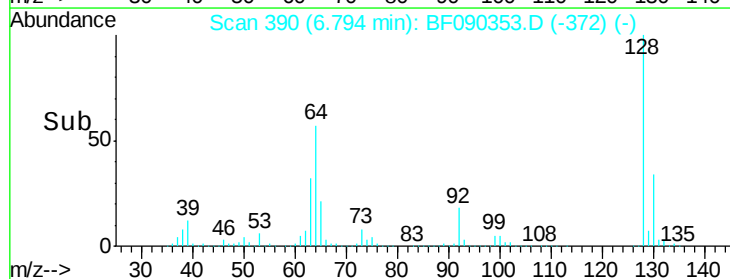
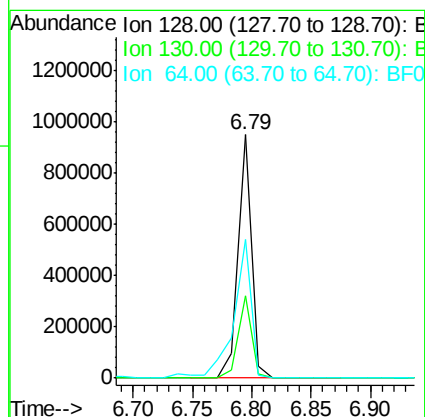
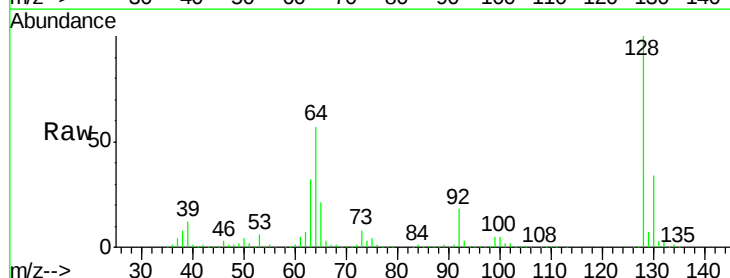
Tgt Ion: 128 Resp: 751694

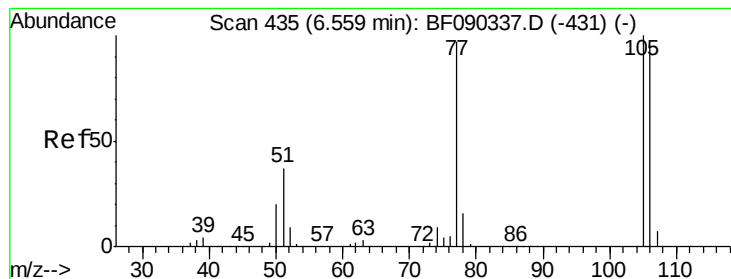
Ion Ratio Lower Upper

128 100

130 33.6 13.3 53.3

64 56.7 36.0 76.0





#9

Benzaldehyde

Concen: 35.40 ng

RT: 6.55 min Scan# 369

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

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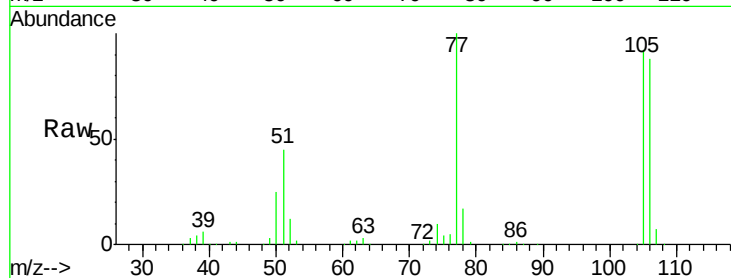
Tgt Ion: 77 Resp: 338229

Ion Ratio Lower Upper

77 100

105 91.7 73.1 113.1

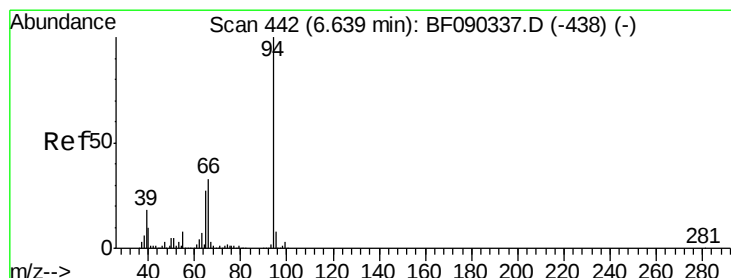
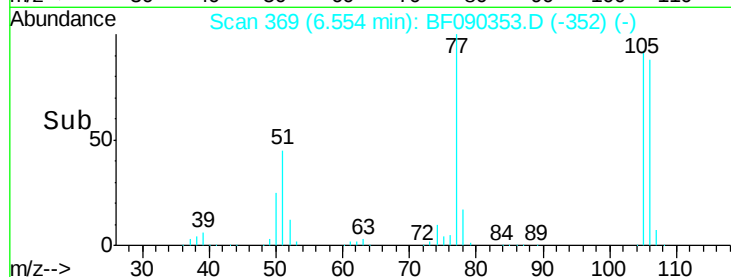
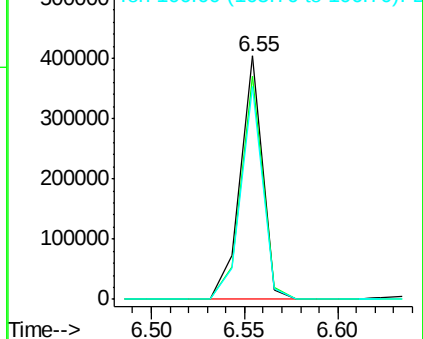
106 87.5 70.2 110.2



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: 45.38 ng

RT: 6.65 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

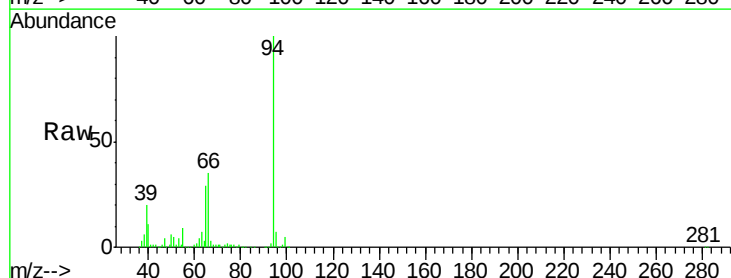
Tgt Ion: 94 Resp: 1136168

Ion Ratio Lower Upper

94 100

65 29.4 13.3 53.3

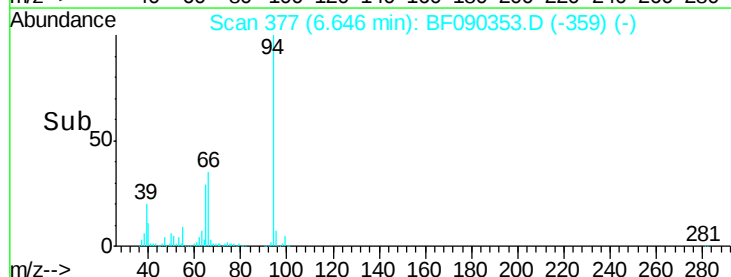
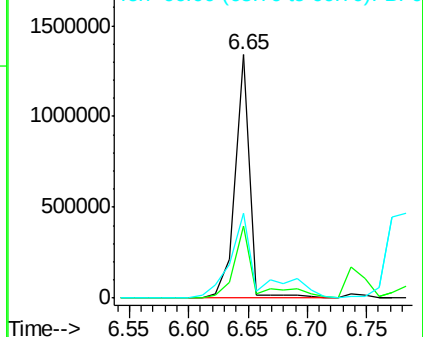
66 34.9 20.4 60.4

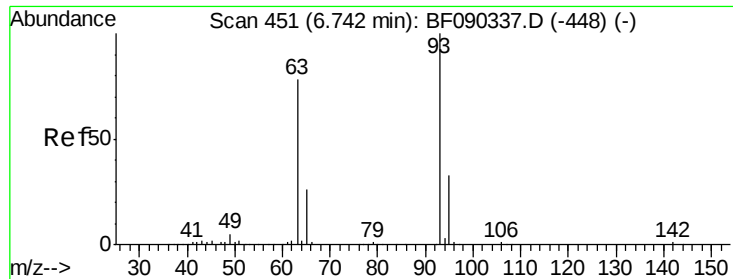


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

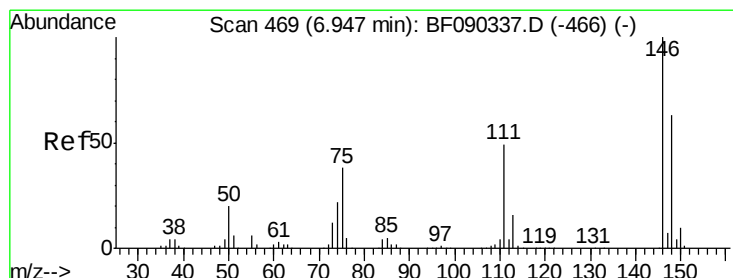
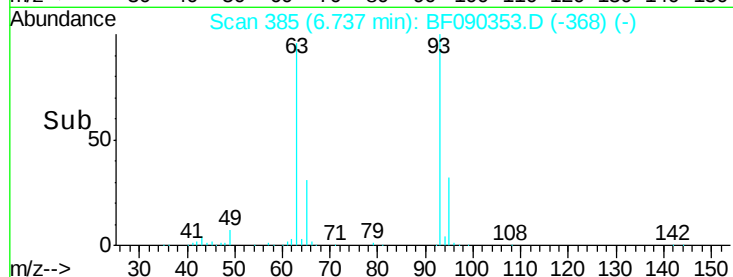
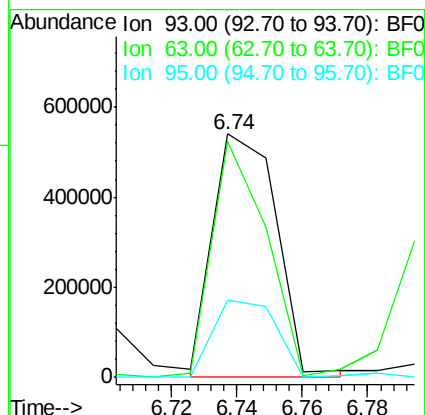
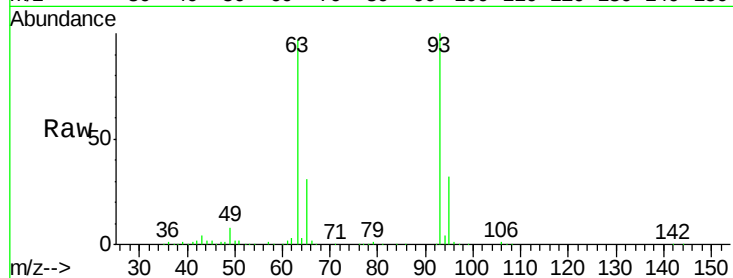




#11
bis(2-Chloroethyl)ether
Concen: 40.53 ng
RT: 6.74 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

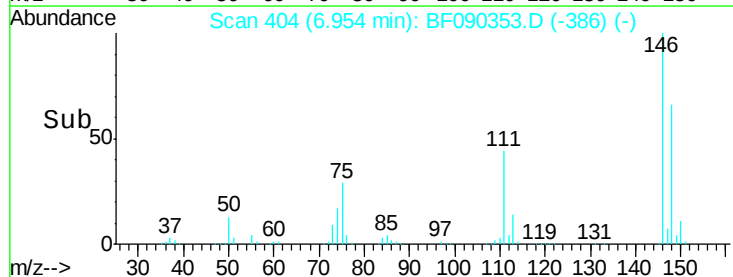
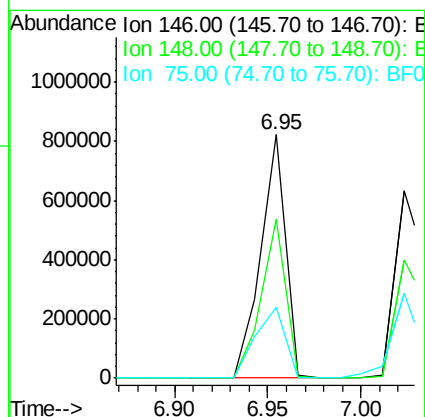
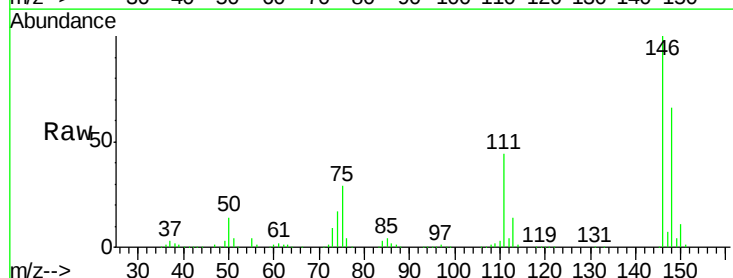
Instrument :
BNA_F
ClientSampleId :
PB93778BS

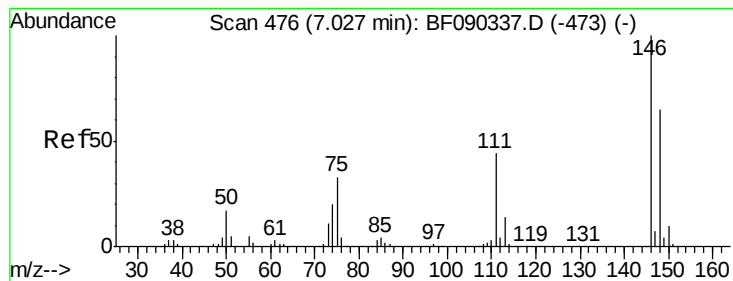
Tgt Ion: 93 Resp: 720559
Ion Ratio Lower Upper
93 100
63 96.7 59.7 99.7
95 31.8 14.0 54.0



#12
1,3-Dichlorobenzene
Concen: 39.16 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.01 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Tgt Ion: 146 Resp: 752710
Ion Ratio Lower Upper
146 100
148 65.6 52.2 78.4
75 28.9 21.4 32.2





#13

1,4-Dichlorobenzene

Concen: 36.64 ng

RT: 7.02 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampleId :

PB93778BS

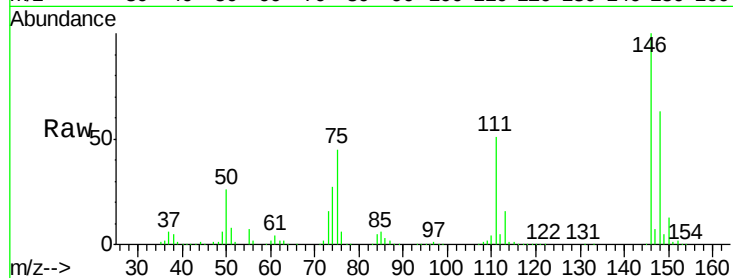
Tgt Ion:146 Resp: 715088

Ion Ratio Lower Upper

146 100

148 63.2 51.1 76.7

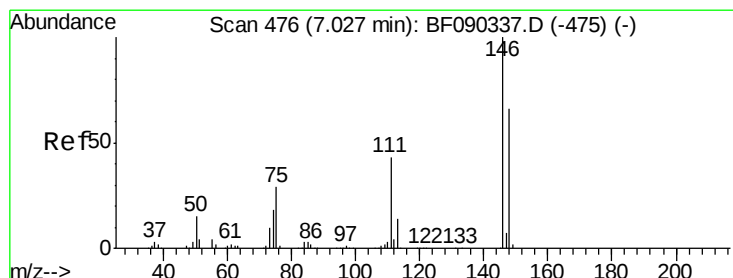
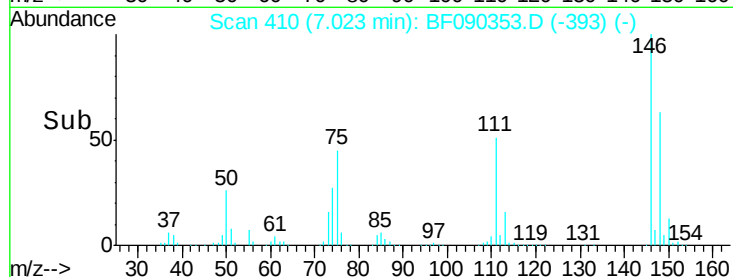
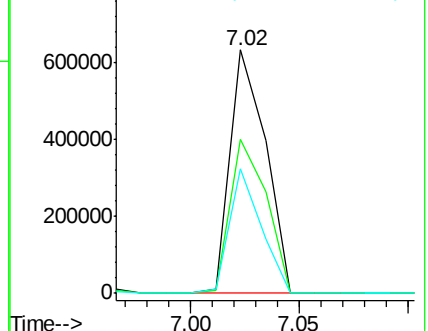
111 51.1 37.8 56.6



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: 41.52 ng

RT: 7.18 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

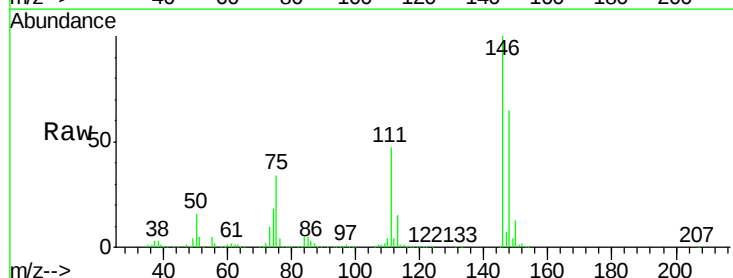
Tgt Ion:146 Resp: 770446

Ion Ratio Lower Upper

146 100

148 65.1 52.3 78.5

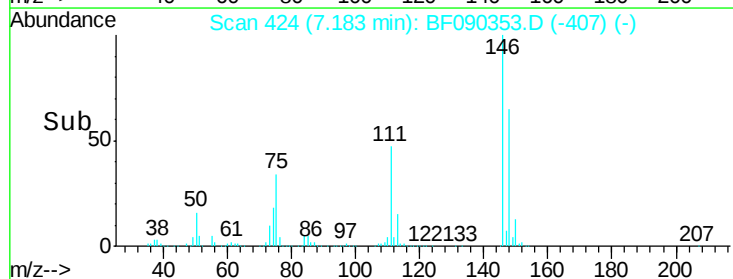
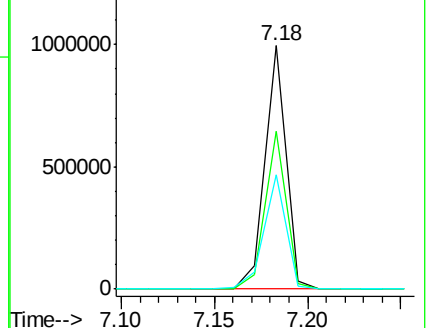
111 47.2 38.2 57.4

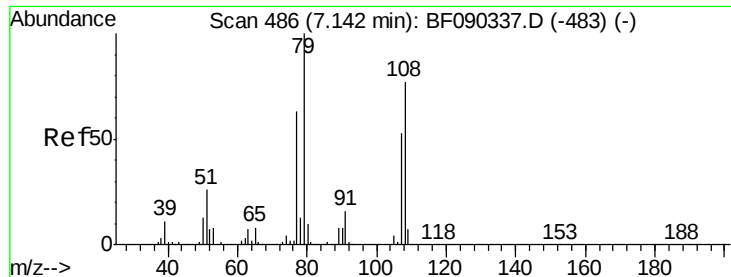


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 50.02 ng

RT: 7.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampleId :

PB93778BS

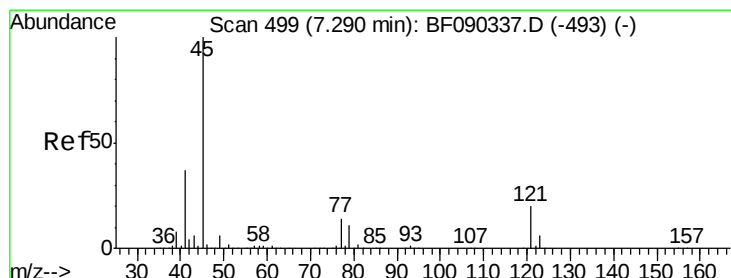
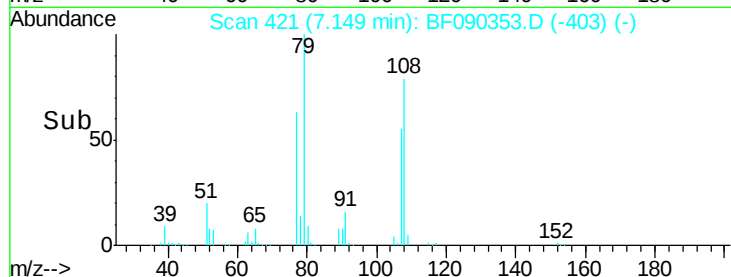
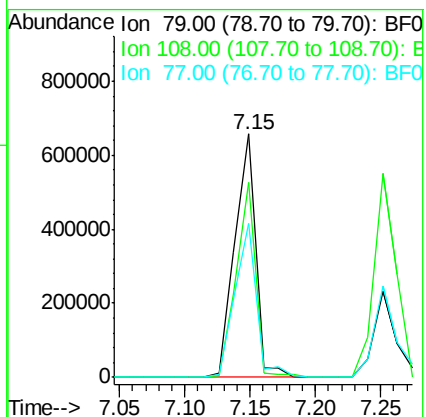
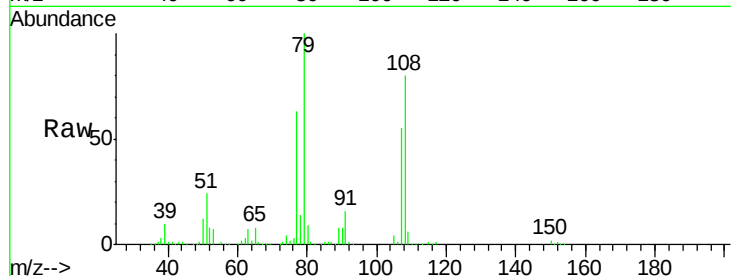
Tgt Ion: 79 Resp: 725836

Ion Ratio Lower Upper

79 100

108 79.9 60.9 91.3

77 63.4 51.5 77.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.84 ng

RT: 7.29 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

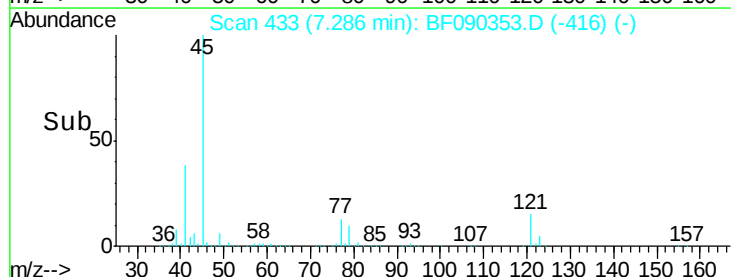
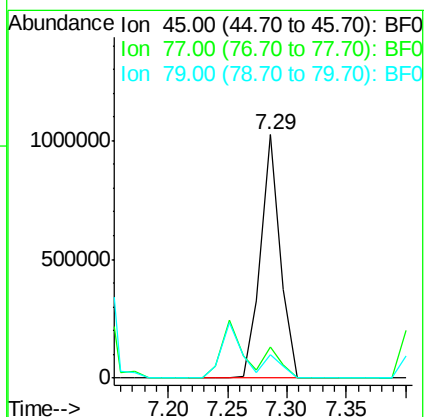
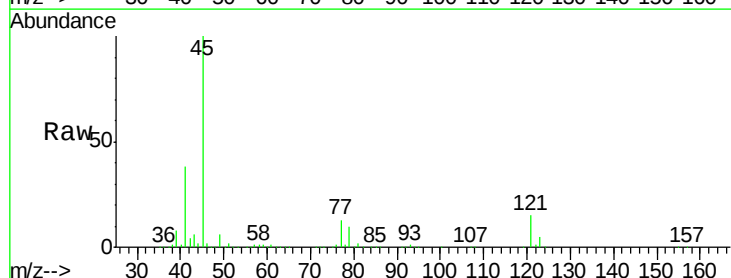
Tgt Ion: 45 Resp: 1191417

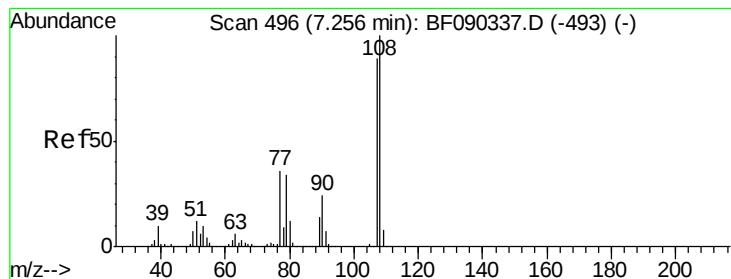
Ion Ratio Lower Upper

45 100

77 12.6 0.0 30.8

79 9.7 0.0 28.2





#17

2-Methylphenol

Concen: 39.61 ng

RT: 7.25 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampleId :

PB93778BS

Tgt Ion:107 Resp: 567783

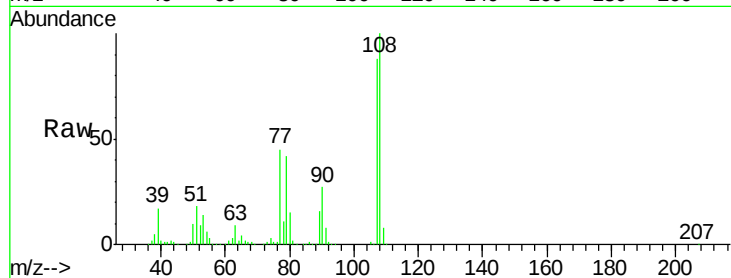
Ion Ratio Lower Upper

107 100

108 113.4 90.9 136.3

77 50.5 38.2 57.4

79 47.7 37.0 55.4

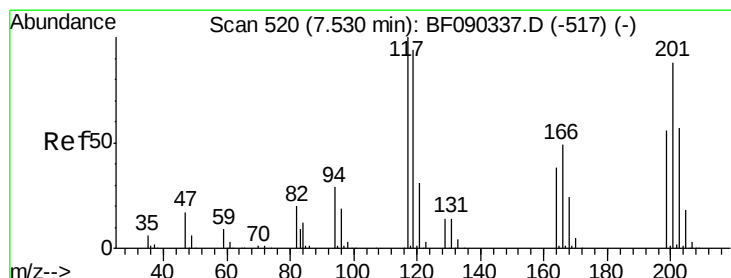
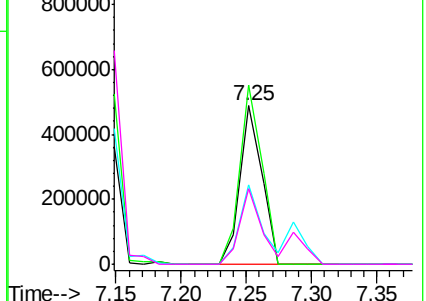
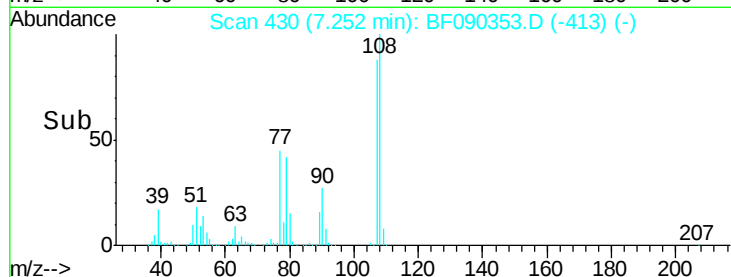


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.21 ng

RT: 7.53 min Scan# 454

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

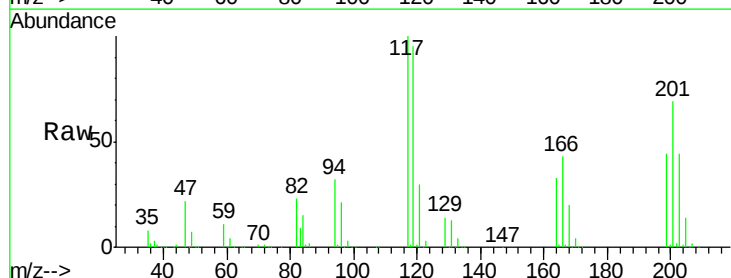
Tgt Ion:117 Resp: 283957

Ion Ratio Lower Upper

117 100

119 94.9 75.9 113.9

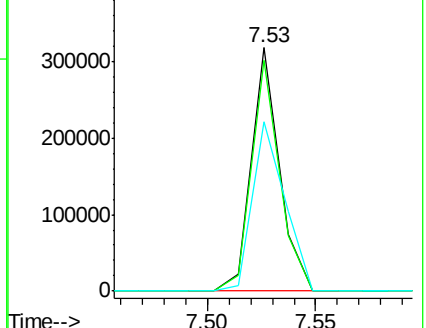
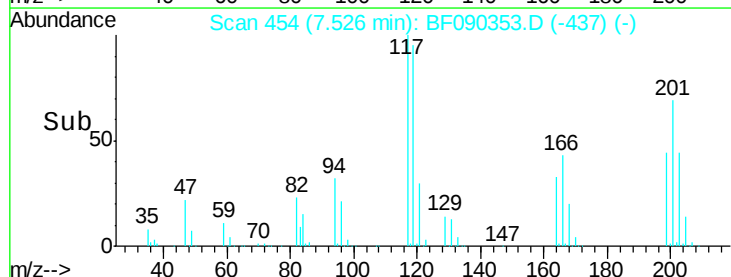
201 69.5 66.5 99.7

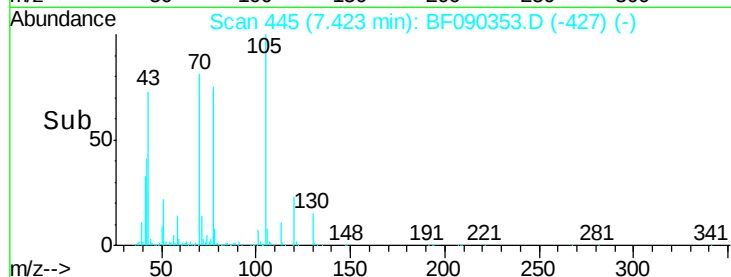
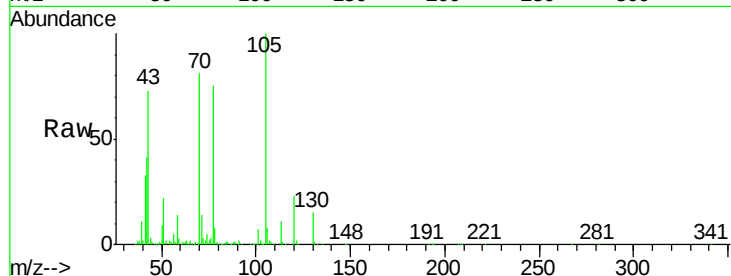
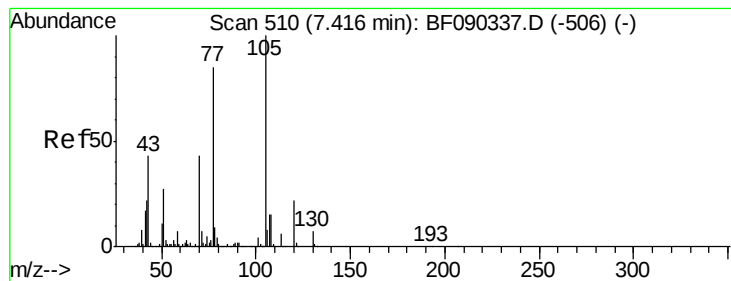


Abundance Ion 117.00 (116.70 to 117.70): E

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: 49.20 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampleId :

PB93778BS

Tgt Ion: 70 Resp: 646814

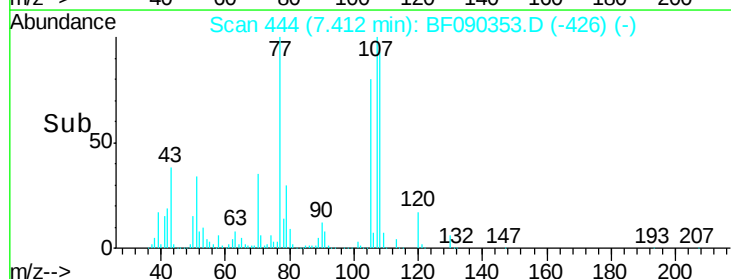
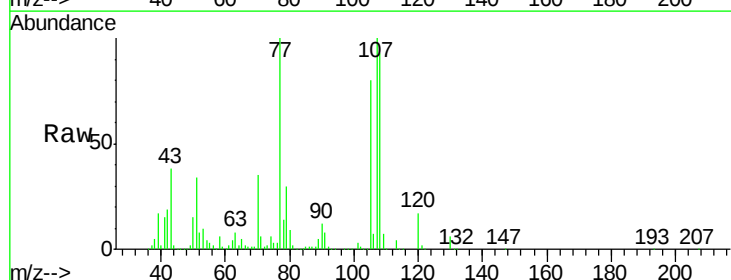
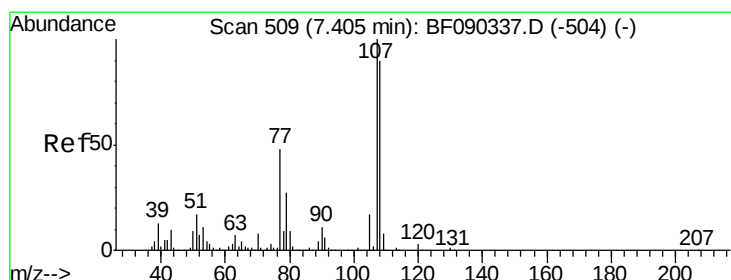
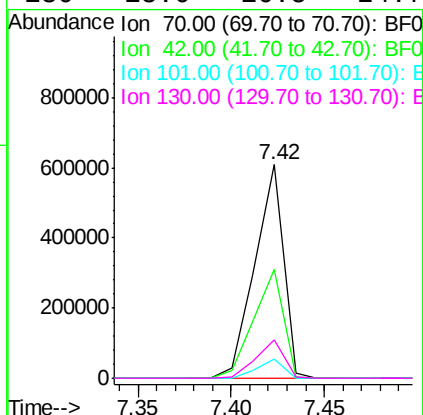
Ion Ratio Lower Upper

70 100

42 50.8 55.4 83.2#

101 8.8 7.6 11.4

130 18.0 16.5 24.7



#20

3+4-Methylphenols

Concen: 45.21 ng

RT: 7.41 min Scan# 444

Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Tgt Ion: 107 Resp: 823952

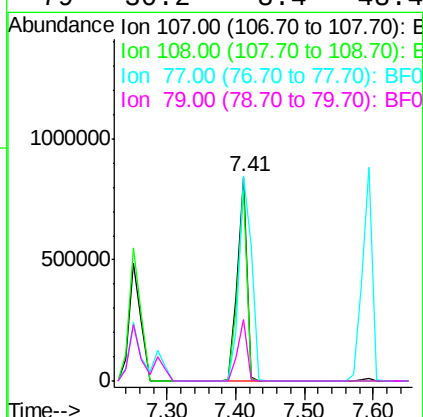
Ion Ratio Lower Upper

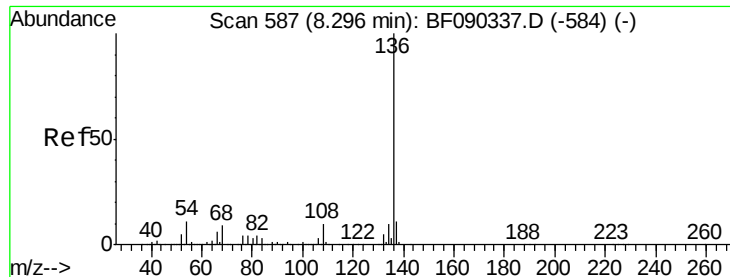
107 100

108 93.4 66.7 106.7

77 100.4 53.7 93.7#

79 30.2 8.4 48.4

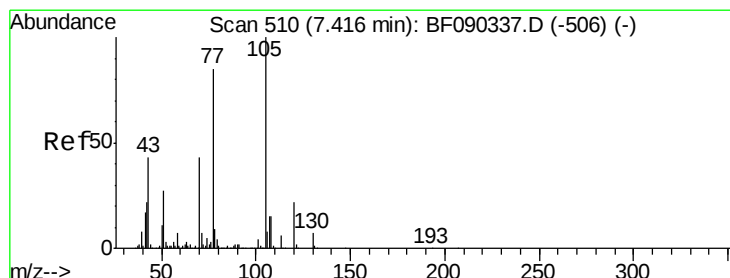
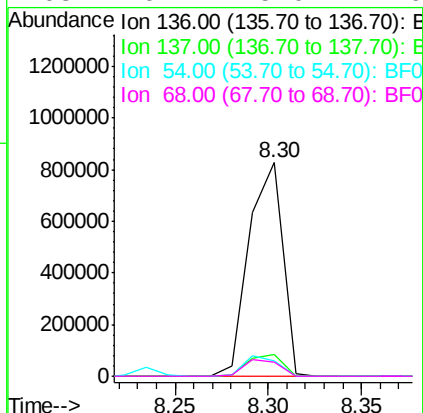
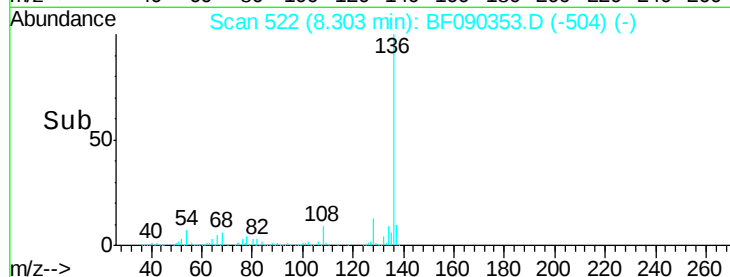
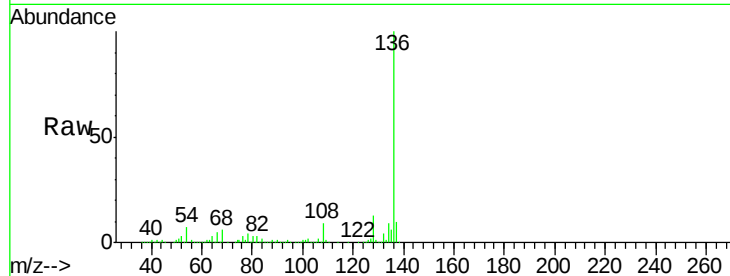




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.30 min Scan# 522
Delta R.T. 0.01 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

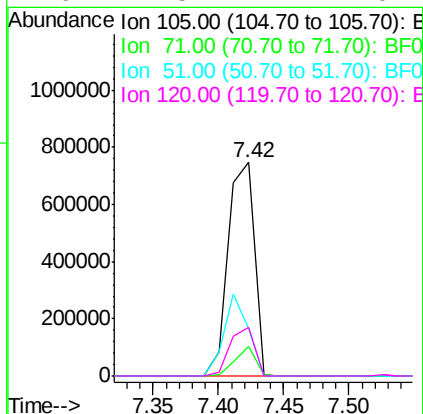
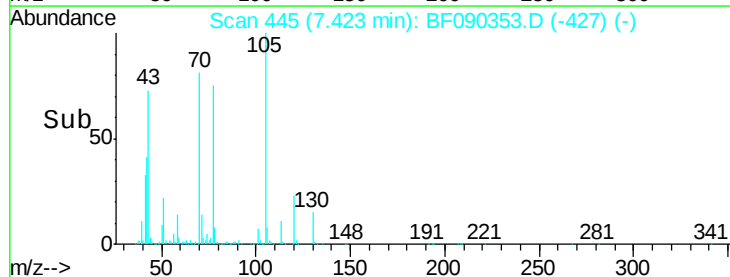
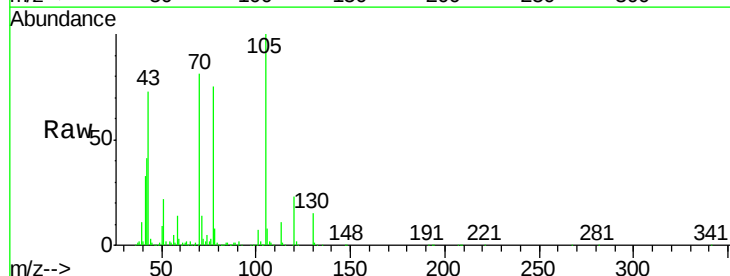
Instrument :
BNA_F
ClientSampleId :
PB93778BS

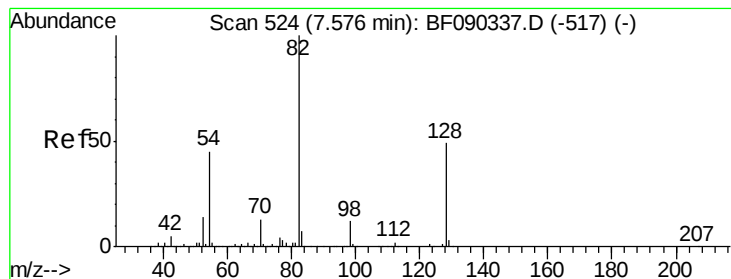
Tgt Ion:	136	Resp:	1032760
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.6
54	7.0	6.6	10.0
68	6.4	5.0	7.6



#22
Acetophenone
Concen: 43.47 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.01 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Tgt Ion:	105	Resp:	1039528
Ion	Ratio	Lower	Upper
105	100		
71	14.0	3.8	5.6#
51	22.1	28.2	42.4#
120	22.5	17.4	26.2





#23

Nitrobenzene-d5

Concen: 97.00 ng

RT: 7.57 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampleId :

PB93778BS

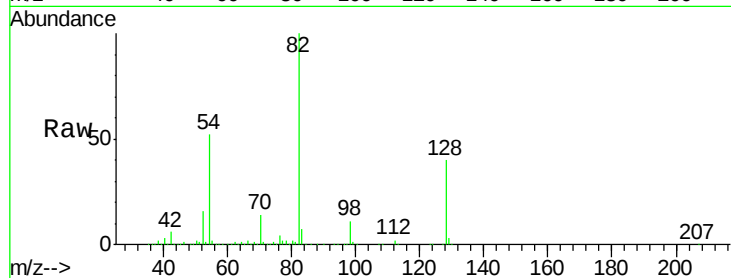
Tgt Ion: 82 Resp: 1718587

Ion Ratio Lower Upper

82 100

128 39.7 40.0 60.0#

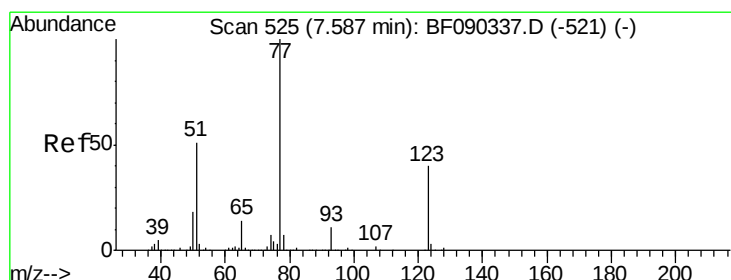
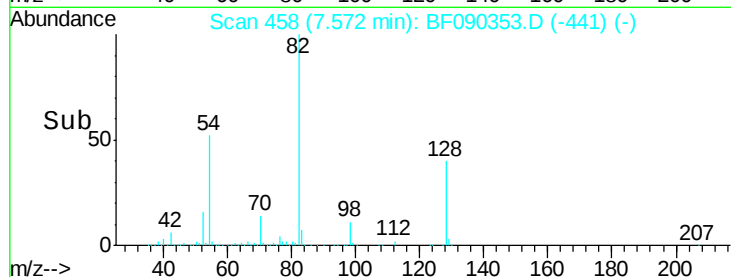
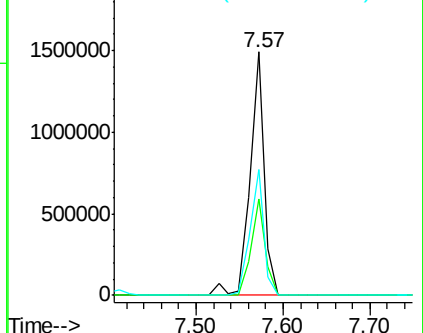
54 51.9 42.6 64.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 47.22 ng

RT: 7.59 min Scan# 460

Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

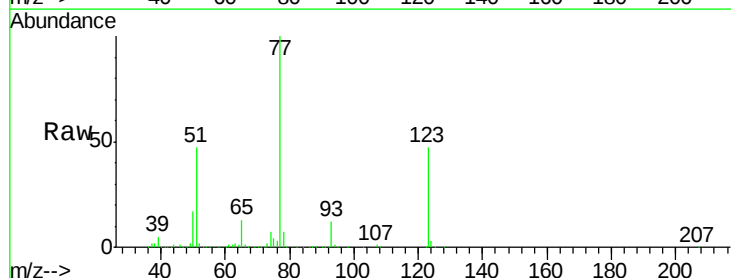
Tgt Ion: 77 Resp: 893265

Ion Ratio Lower Upper

77 100

123 47.4 33.0 49.4

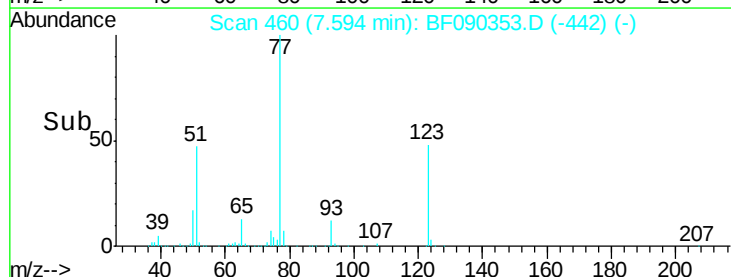
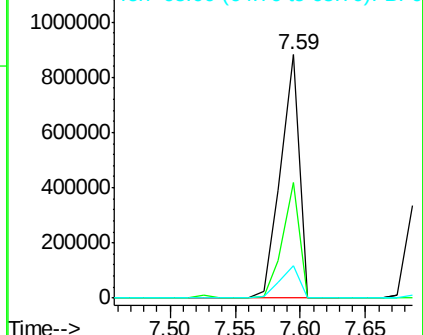
65 13.2 12.0 18.0

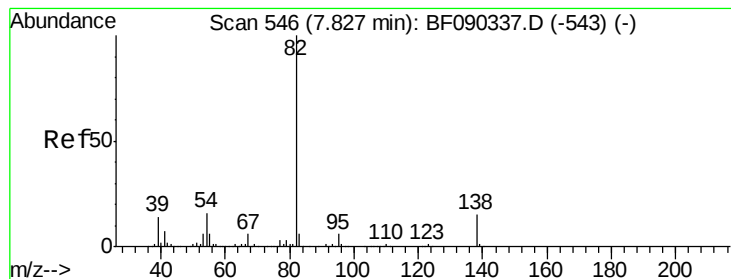


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 45.47 ng

RT: 7.83 min Scan# 481

Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampleId :

PB93778BS

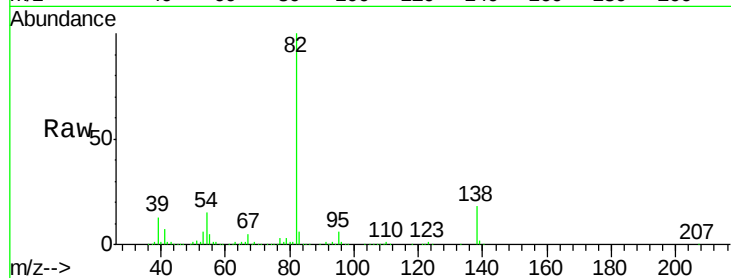
Tgt Ion: 82 Resp: 1532485

Ion Ratio Lower Upper

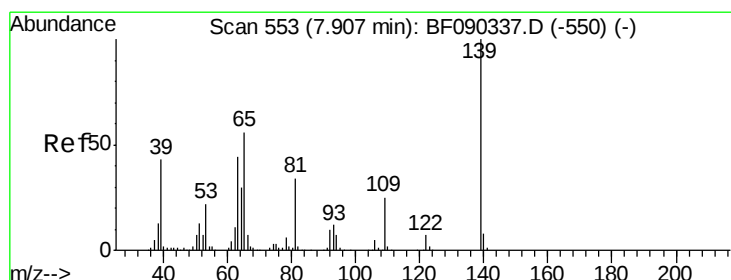
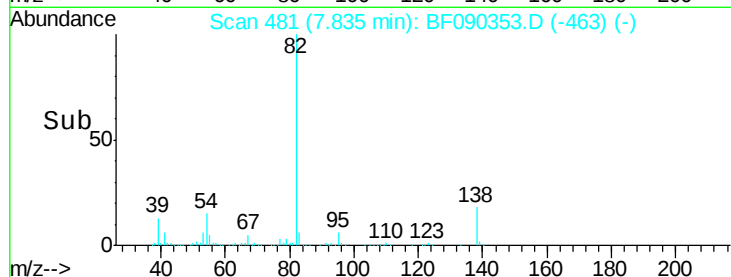
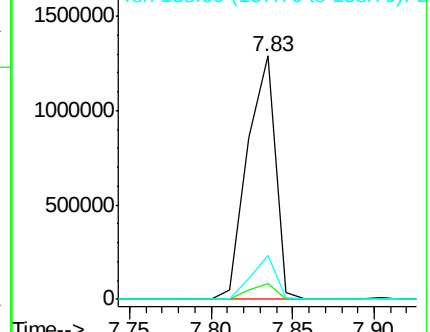
82 100

95 6.4 5.2 7.8

138 18.1 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 44.03 ng

RT: 7.91 min Scan# 488

Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

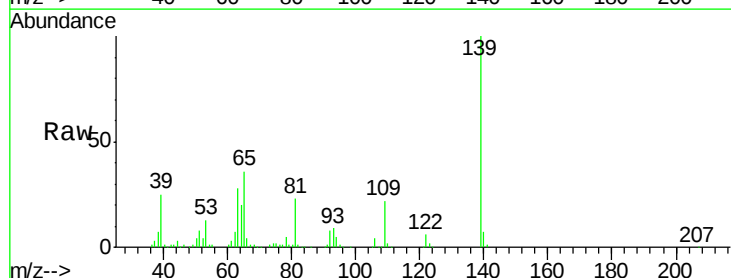
Tgt Ion: 139 Resp: 321379

Ion Ratio Lower Upper

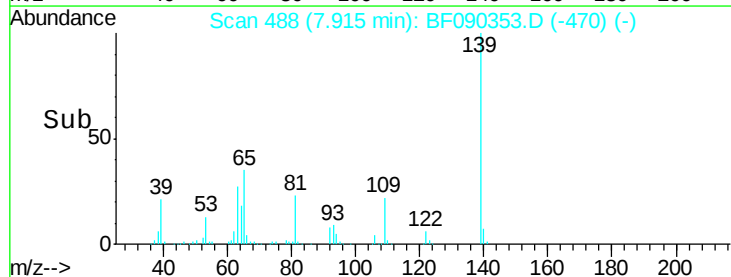
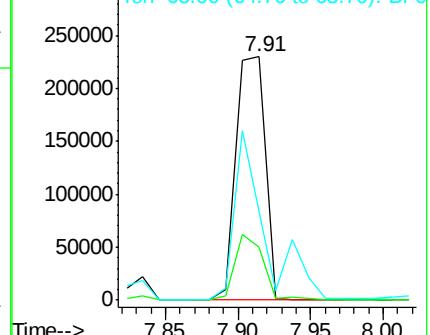
139 100

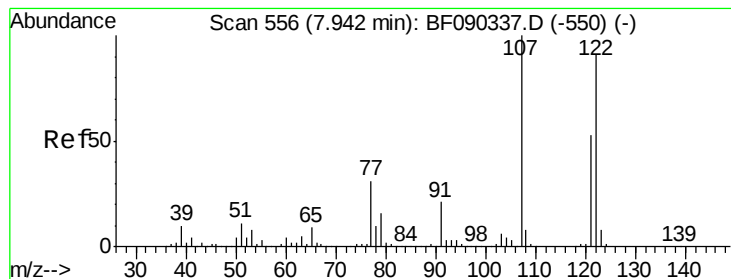
109 21.7 18.9 28.3

65 36.3 31.6 47.4



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





#27

2,4-Dimethylphenol

Concen: 38.01 ng

RT: 7.94 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampleId :

PB93778BS

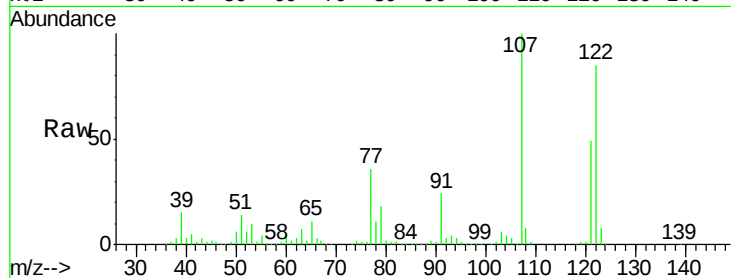
Tgt Ion:122 Resp: 625944

Ion Ratio Lower Upper

122 100

107 117.1 88.6 132.8

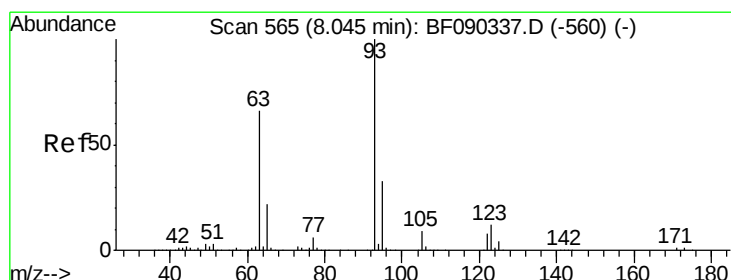
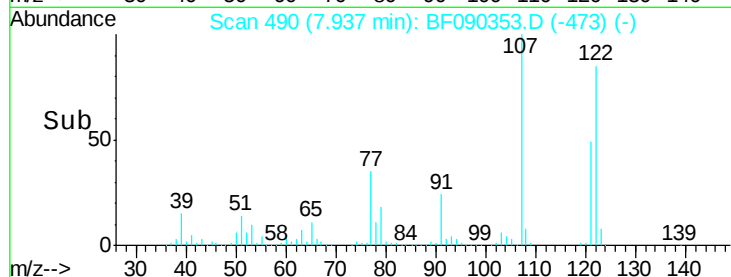
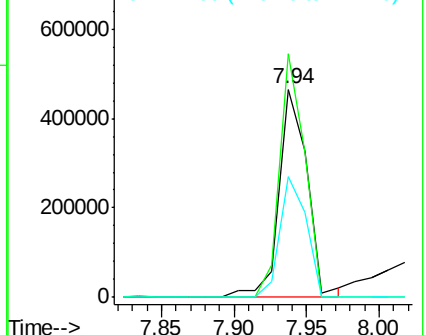
121 58.0 47.5 71.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.42 ng

RT: 8.04 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

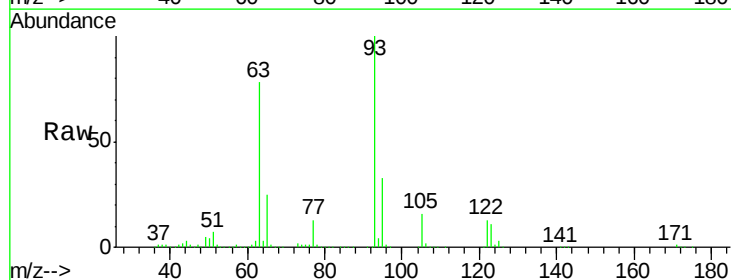
Tgt Ion: 93 Resp: 887818

Ion Ratio Lower Upper

93 100

95 33.3 27.0 40.4

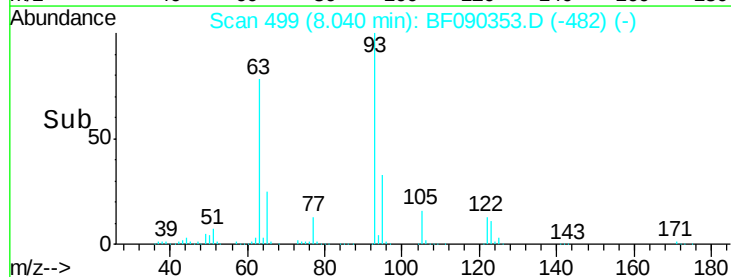
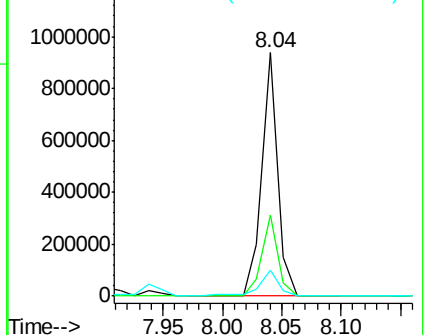
123 10.9 11.1 16.7#

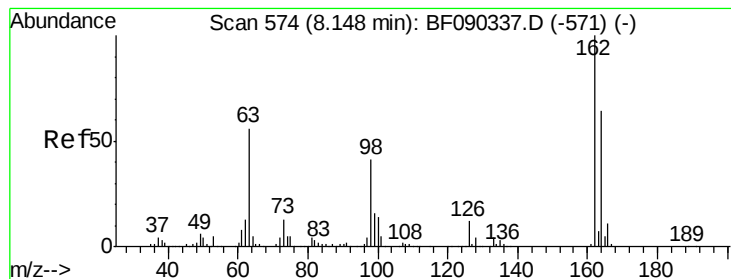


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.15 ng

RT: 8.15 min Scan# 509

Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampleId :

PB93778BS

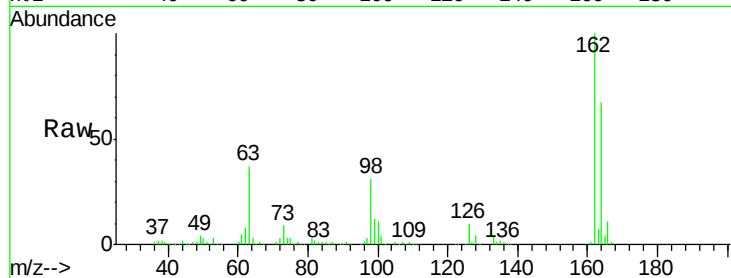
Tgt Ion:162 Resp: 514320

Ion Ratio Lower Upper

162 100

164 66.6 45.7 85.7

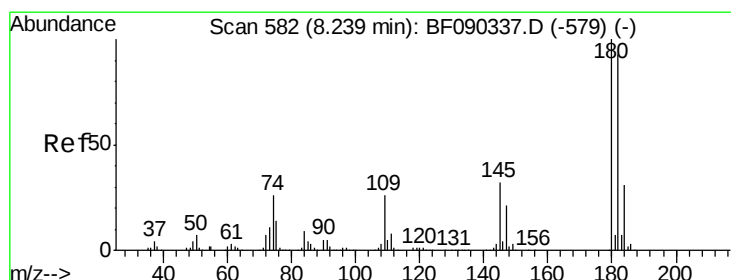
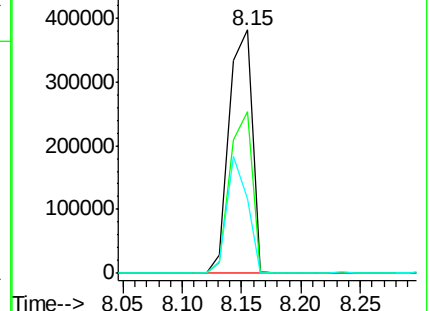
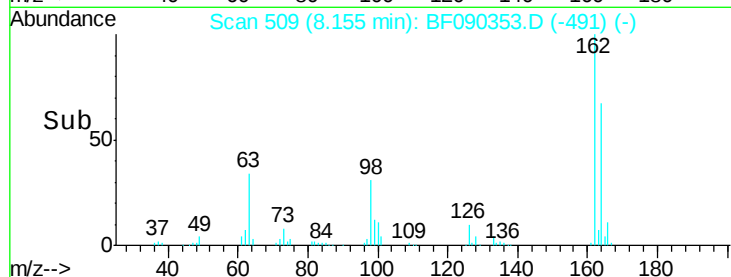
98 30.9 13.3 53.3



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: 36.88 ng

RT: 8.23 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

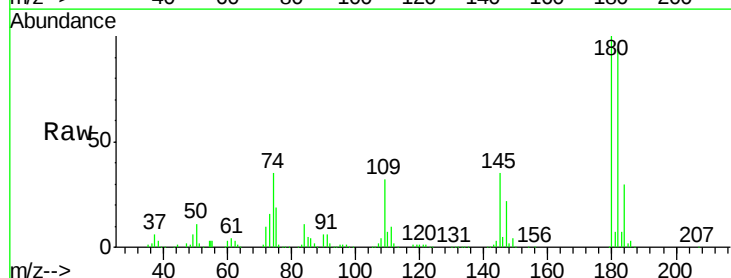
Tgt Ion:180 Resp: 556934

Ion Ratio Lower Upper

180 100

182 94.2 75.3 112.9

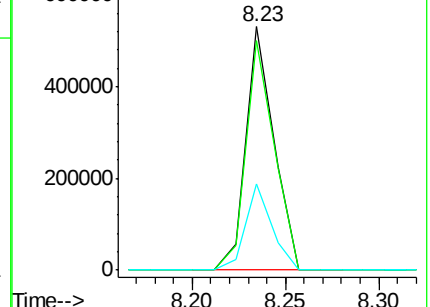
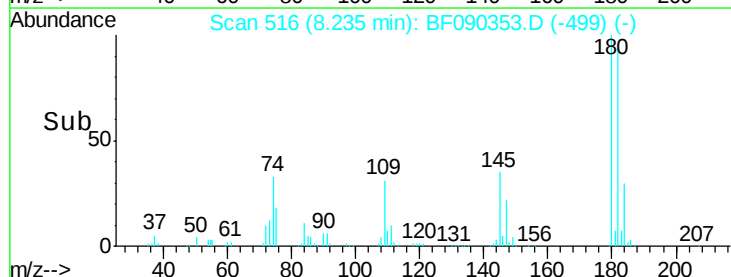
145 35.4 27.7 41.5

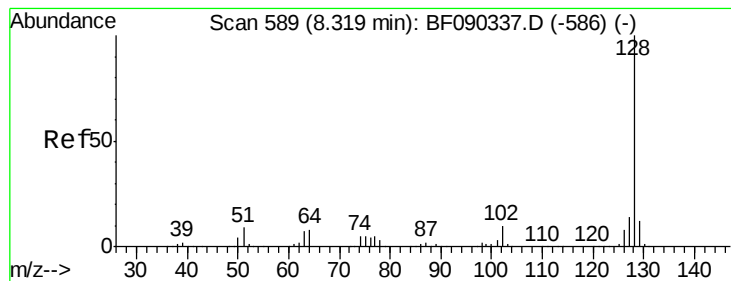


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.02 ng

RT: 8.31 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampleId :

PB93778BS

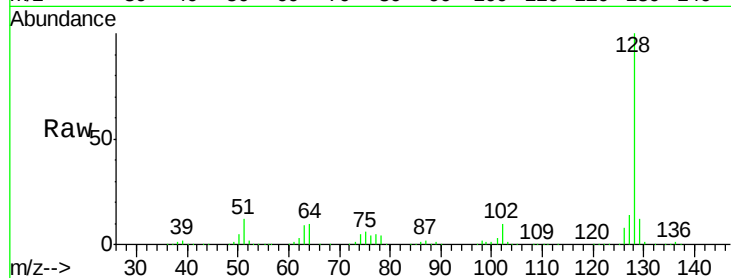
Tgt Ion:128 Resp: 1926120

Ion Ratio Lower Upper

128 100

129 12.0 9.7 14.5

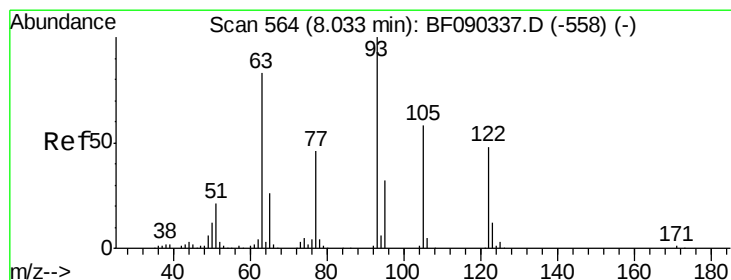
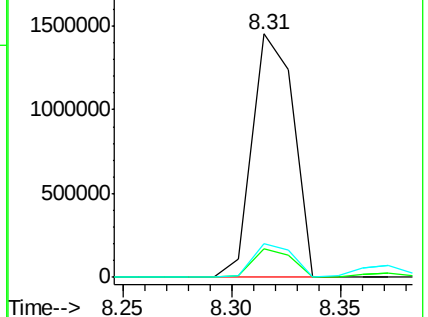
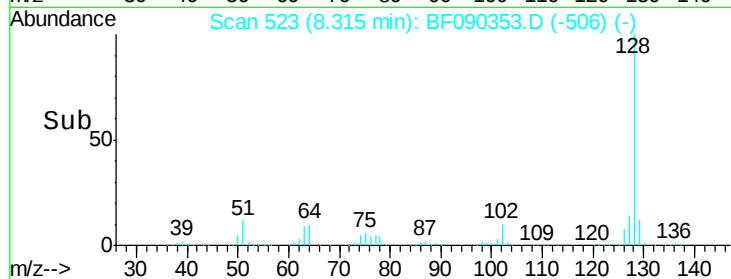
127 13.6 11.7 17.5



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: 32.25 ng

RT: 8.04 min Scan# 499

Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

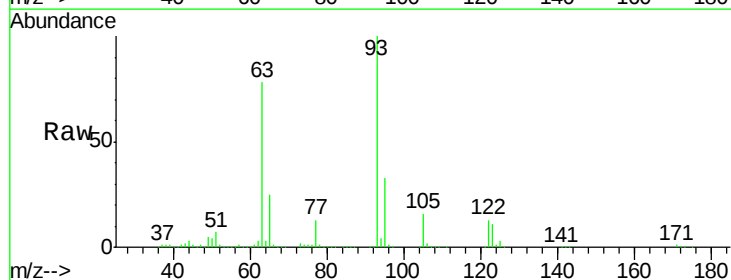
Tgt Ion:122 Resp: 320872

Ion Ratio Lower Upper

122 100

105 124.0 103.9 143.9

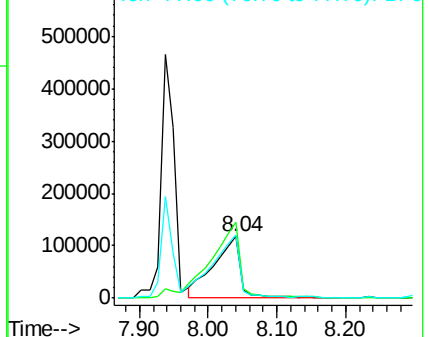
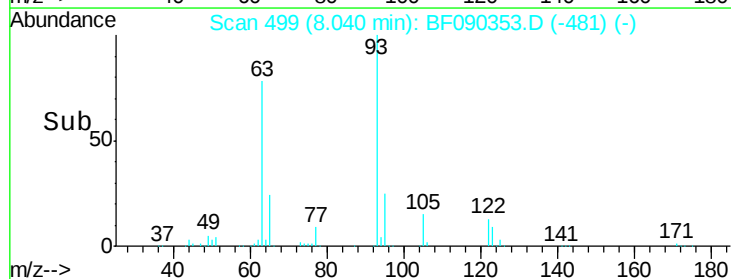
77 102.8 74.6 114.6

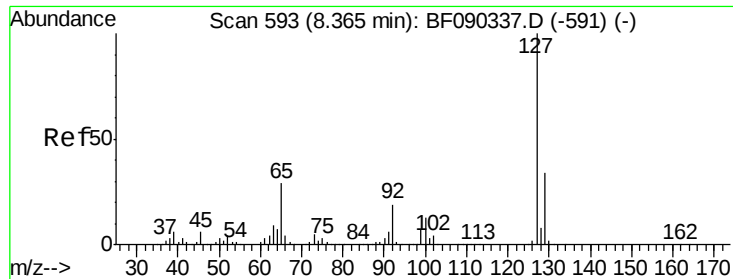


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

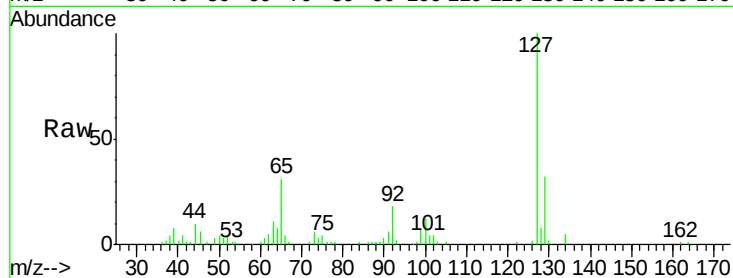




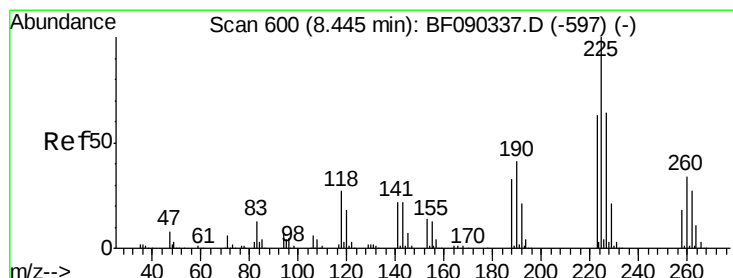
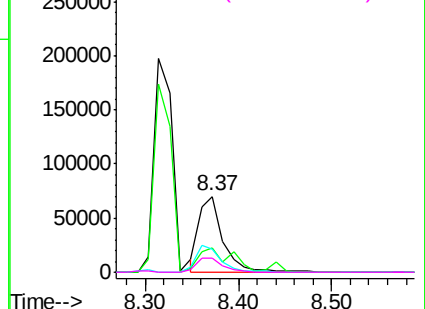
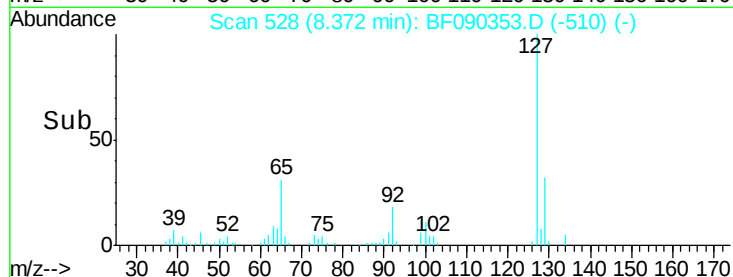
#33
4-Chloroaniline
Concen: 6.47 ng
RT: 8.37 min Scan# 528
Delta R.T. 0.01 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Instrument :
BNA_F
ClientSampleId :
PB93778BS

Tgt Ion:	127	Resp:	127526
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.2	39.4
65	30.8	32.5	48.7#
92	18.2	17.2	25.8

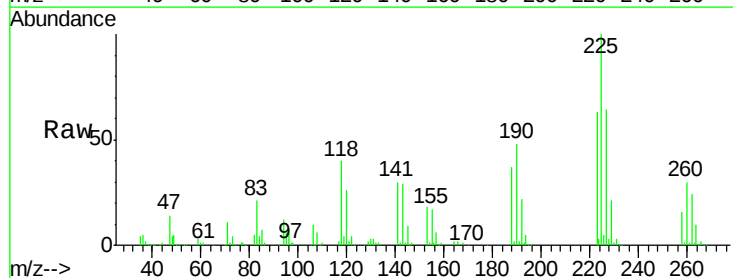


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

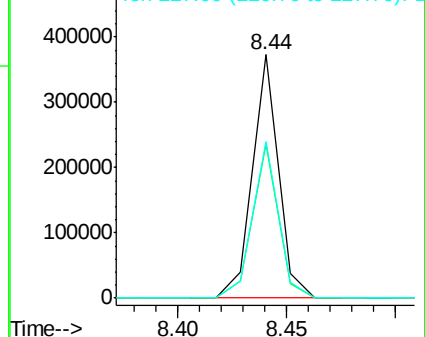
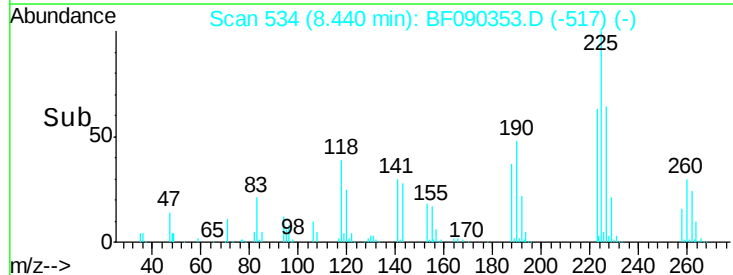


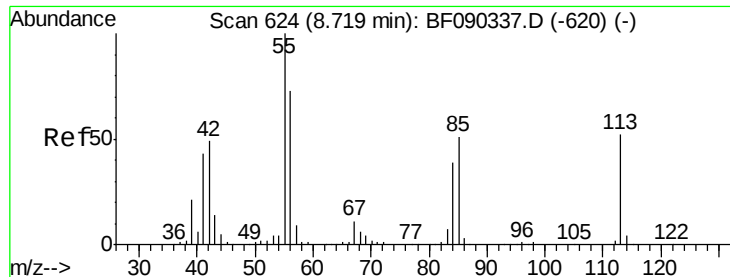
#34
Hexachlorobutadiene
Concen: 34.79 ng
RT: 8.44 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Tgt Ion:	225	Resp:	309252
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.0	76.4
227	64.2	50.8	76.2



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

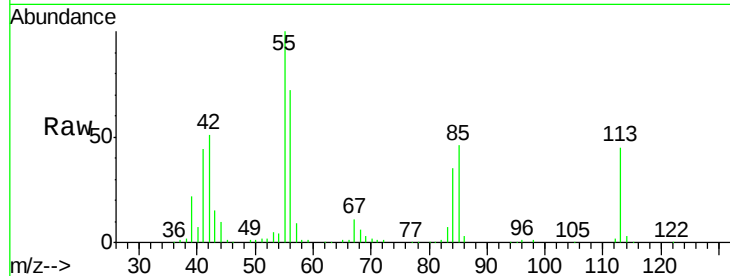




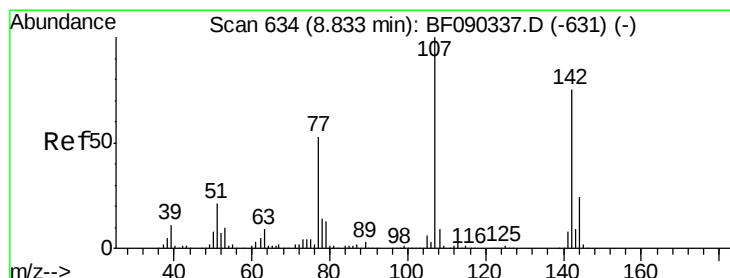
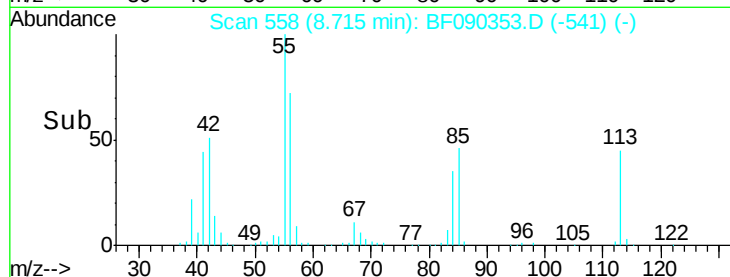
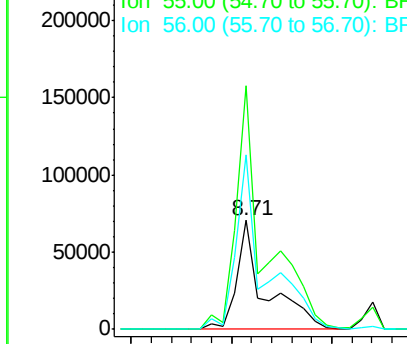
#35
 Caprolactam
 Concen: 39.15 ng
 RT: 8.71 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF090353.D
 Acq: 4 Oct 2016 20:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93778BS

Tgt Ion:113 Resp: 138032
 Ion Ratio Lower Upper
 113 100
 55 224.2 203.3 243.3
 56 161.3 140.5 180.5

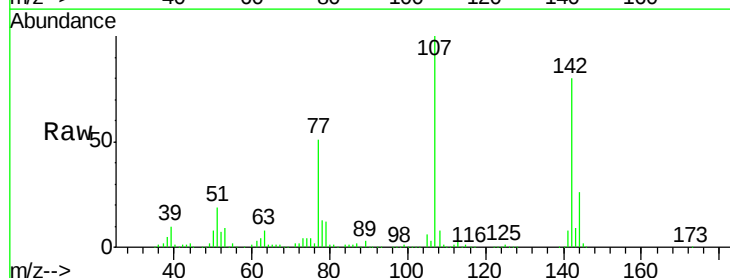


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

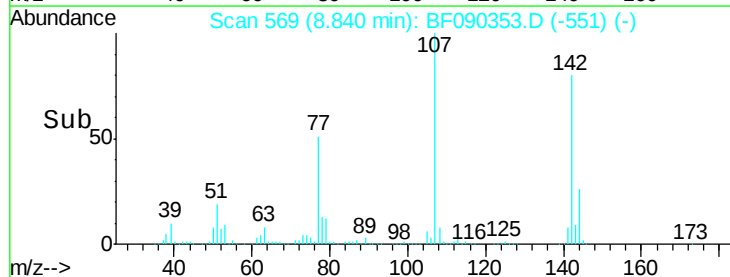
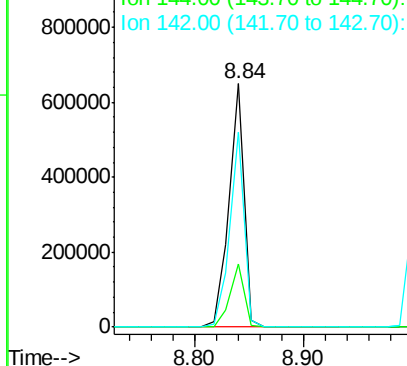


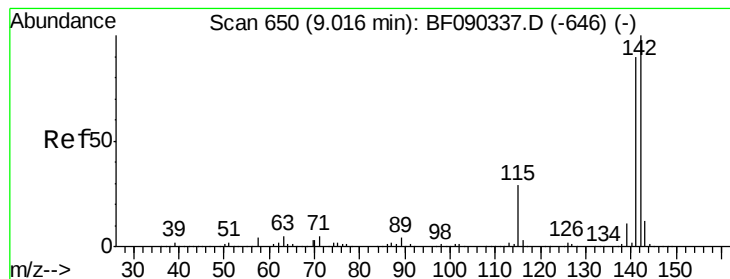
#36
 4-Chloro-3-methylphenol
 Concen: 42.87 ng
 RT: 8.84 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: BF090353.D
 Acq: 4 Oct 2016 20:28

Tgt Ion:107 Resp: 620653
 Ion Ratio Lower Upper
 107 100
 144 26.0 19.8 29.8
 142 79.9 60.7 91.1



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





#37

2-Methylnaphthalene

Concen: 42.30 ng

RT: 9.01 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampleId :

PB93778BS

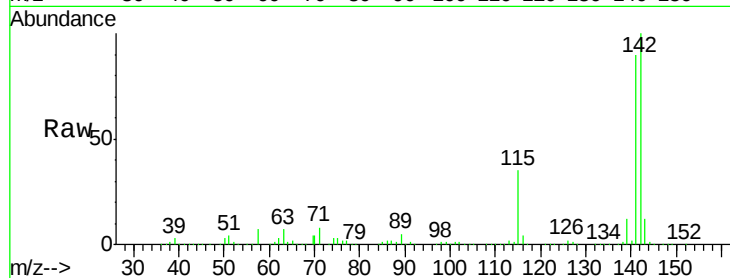
Tgt Ion:142 Resp: 1310489

Ion Ratio Lower Upper

142 100

141 90.0 71.8 107.8

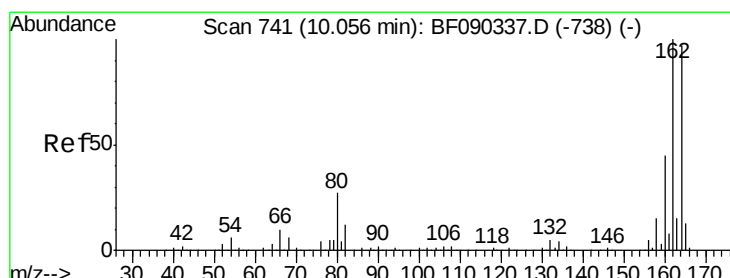
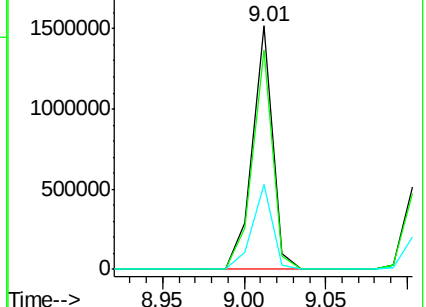
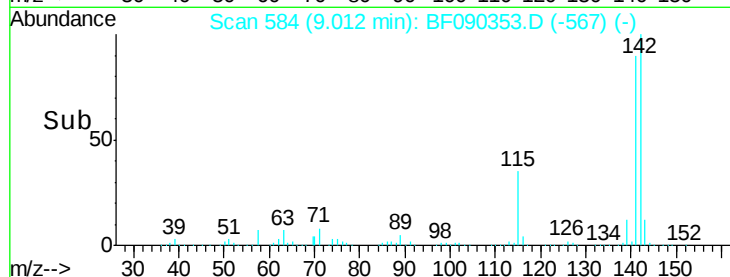
115 35.1 28.8 43.2



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# 676

Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

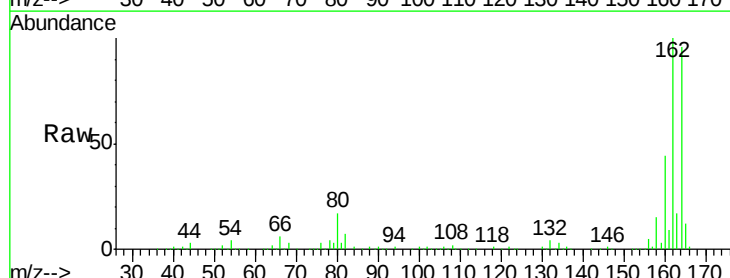
Tgt Ion:164 Resp: 472125

Ion Ratio Lower Upper

164 100

162 104.4 80.1 120.1

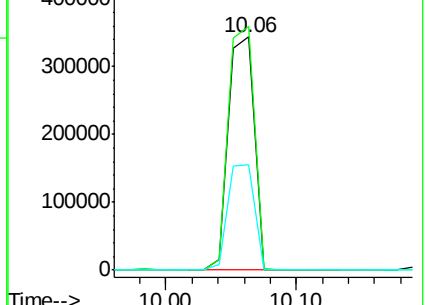
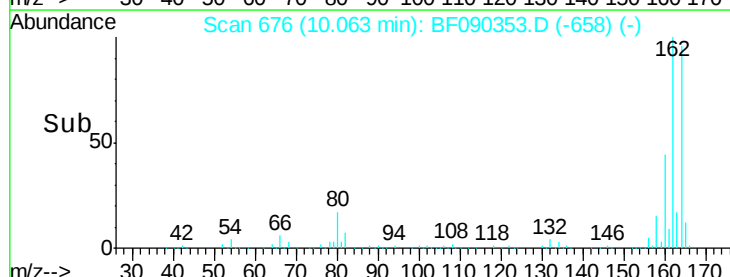
160 45.5 36.3 54.5

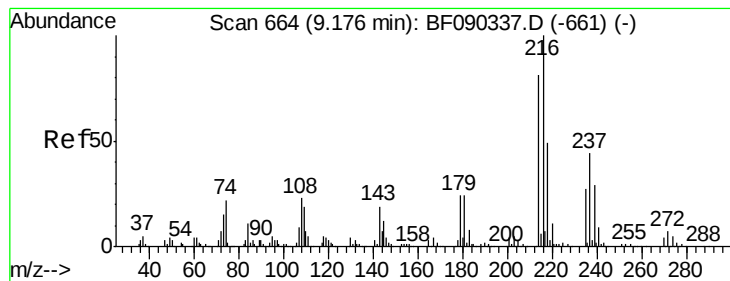


Abundance Ion 164.00 (163.70 to 164.70): E

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: 42.05 ng

RT: 9.18 min Scan# 599

Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampleId :

PB93778BS

Tgt Ion:216 Resp: 560343

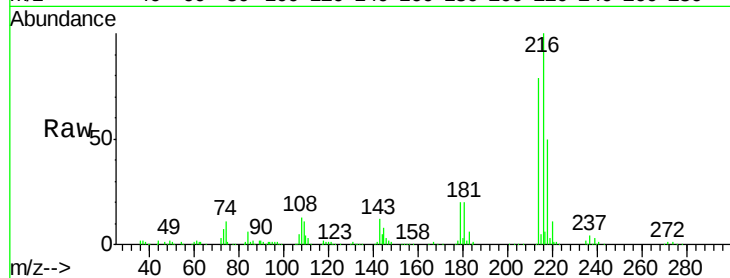
Ion Ratio Lower Upper

216 100

214 79.5 64.2 96.2

179 22.4 18.0 27.0

108 22.3 15.2 22.8

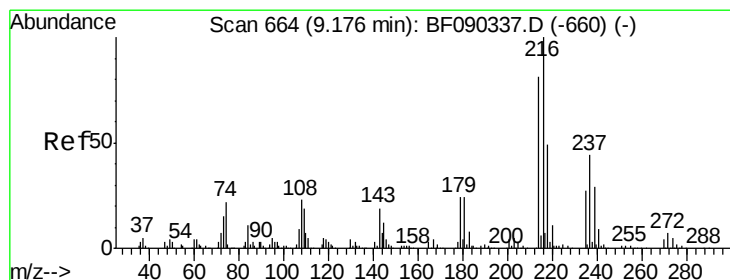
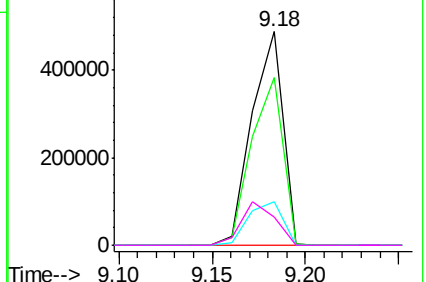
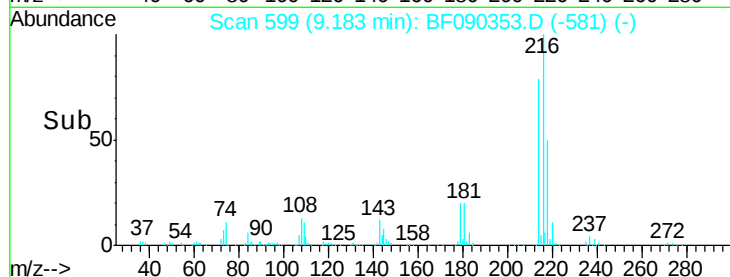


Abundance Ion 216.00 (215.70 to 216.70): E

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: 73.03 ng

RT: 9.17 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

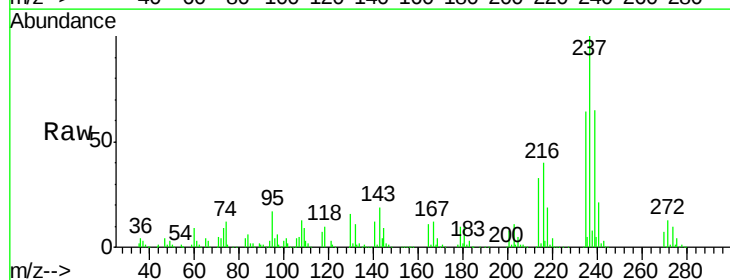
Tgt Ion:237 Resp: 647588

Ion Ratio Lower Upper

237 100

235 63.6 43.6 83.6

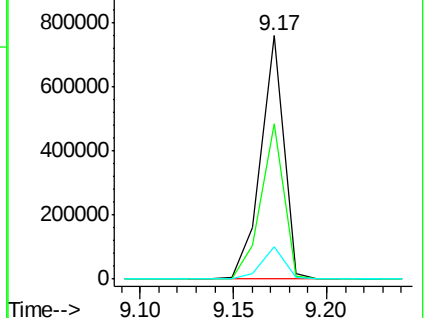
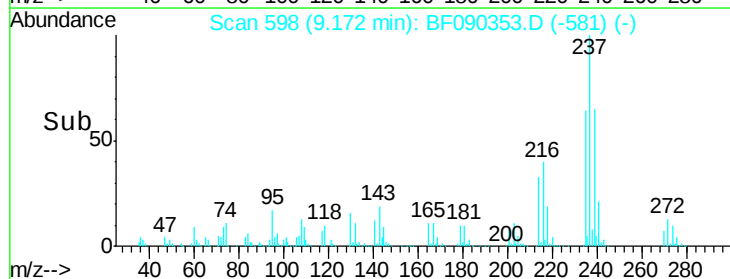
272 13.1 0.0 32.7

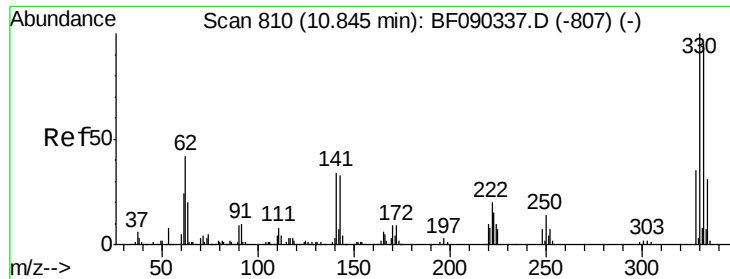


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

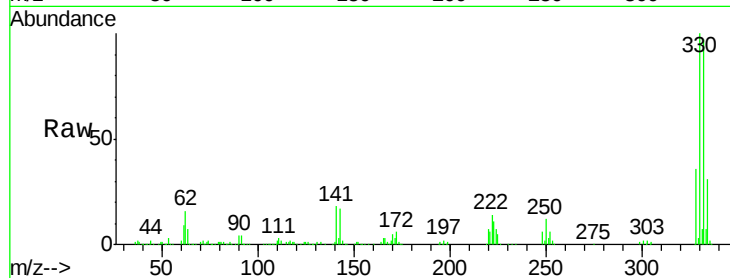




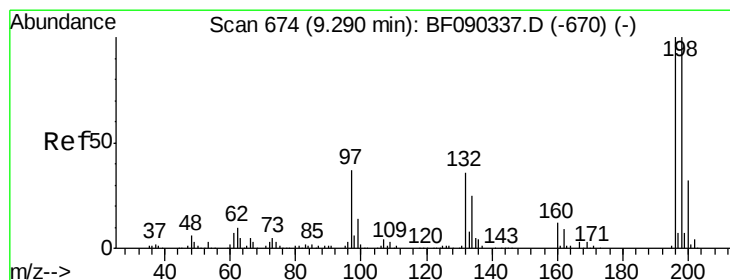
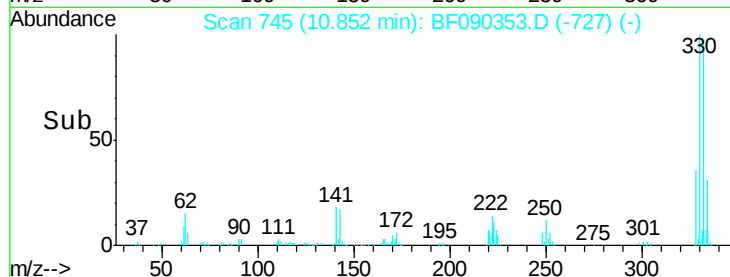
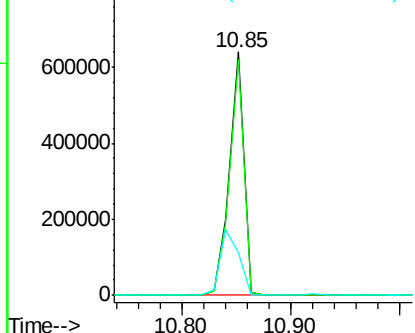
#41
 2,4,6-Tribromophenol
 Concen: 144.09 ng
 RT: 10.85 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: BF090353.D
 Acq: 4 Oct 2016 20:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93778BS

Tgt Ion:330 Resp: 590832
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.4 113.0
 141 35.3 26.9 40.3

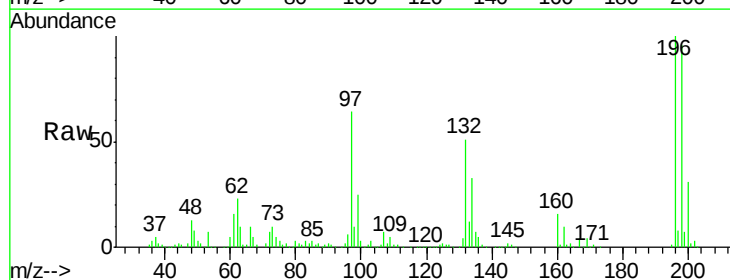


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

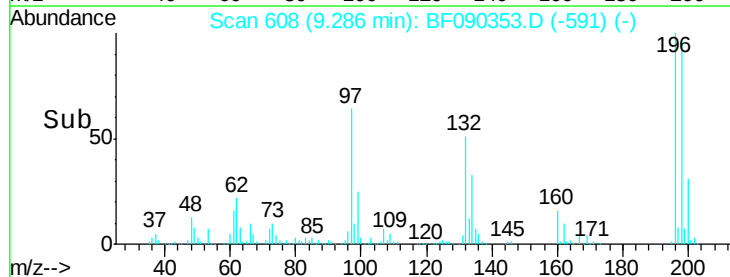
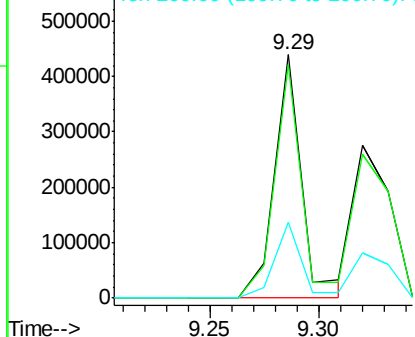


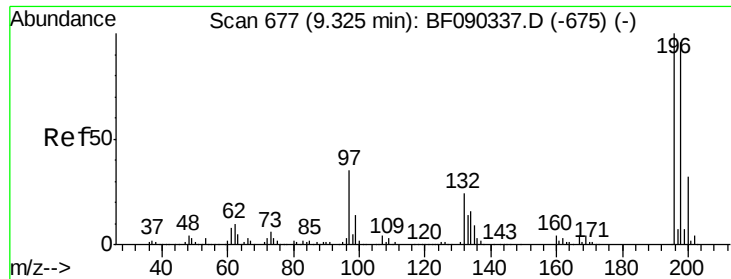
#42
 2,4,6-Trichlorophenol
 Concen: 46.29 ng
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090353.D
 Acq: 4 Oct 2016 20:28

Tgt Ion:196 Resp: 388034
 Ion Ratio Lower Upper
 196 100
 198 95.9 78.9 118.3
 200 31.2 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

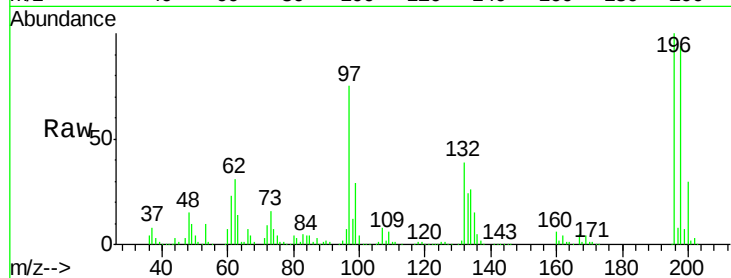




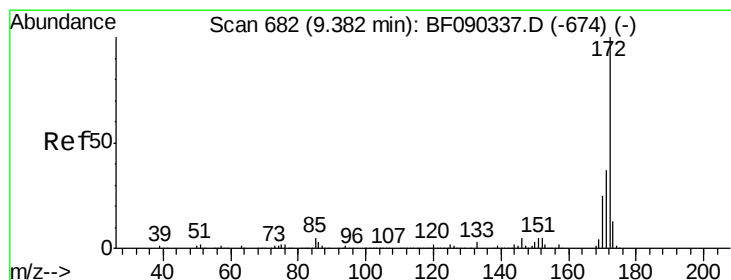
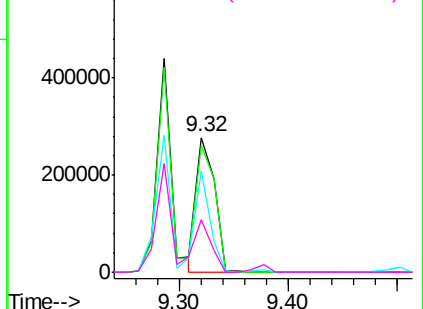
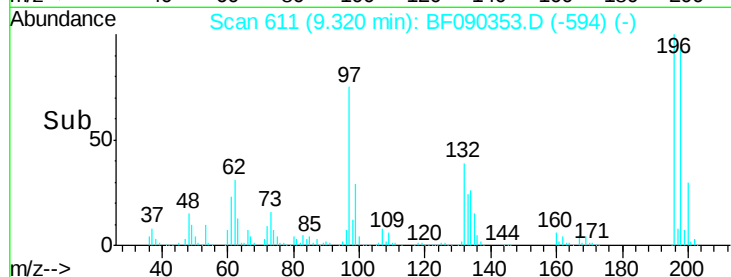
#43
 2,4,5-Trichlorophenol
 Concen: 38.91 ng
 RT: 9.32 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF090353.D
 Acq: 4 Oct 2016 20:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93778BS

Tgt Ion:196 Resp: 328216
 Ion Ratio Lower Upper
 196 100
 198 93.9 78.1 117.1
 97 74.9 48.1 72.1#
 132 38.9 27.4 41.2

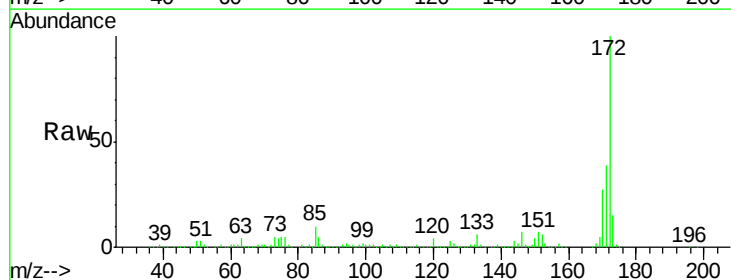


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

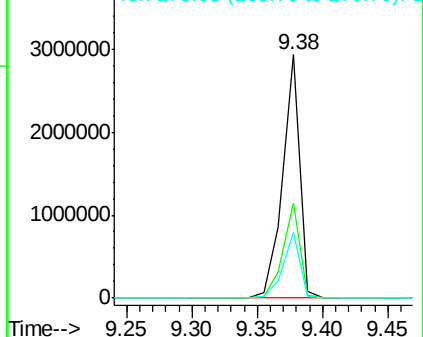
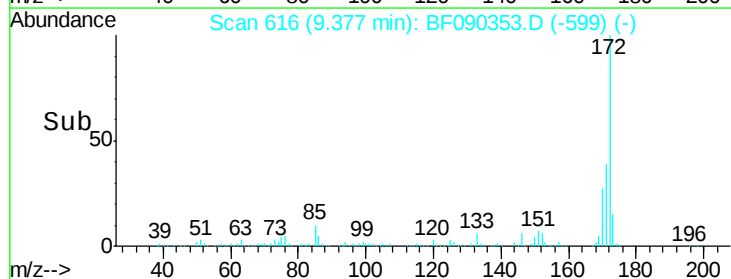


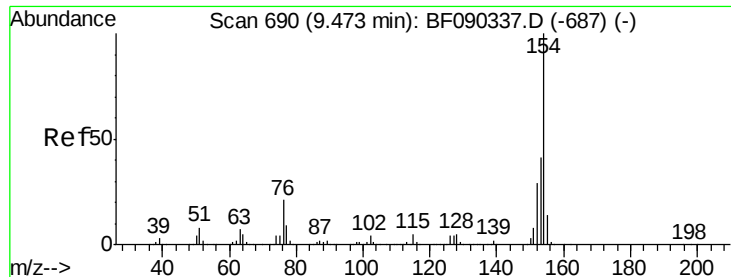
#44
 2-Fluorobiphenyl
 Concen: 93.23 ng
 RT: 9.38 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF090353.D
 Acq: 4 Oct 2016 20:28

Tgt Ion:172 Resp: 2699632
 Ion Ratio Lower Upper
 172 100
 171 38.9 31.8 47.8
 170 27.0 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

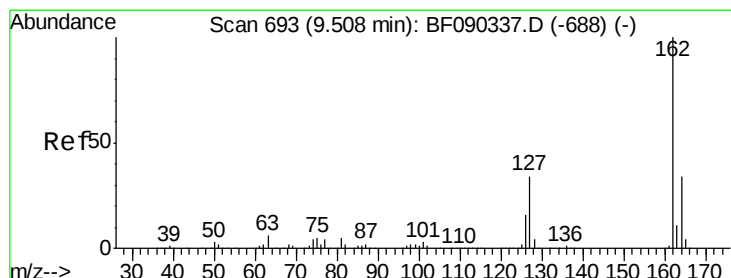
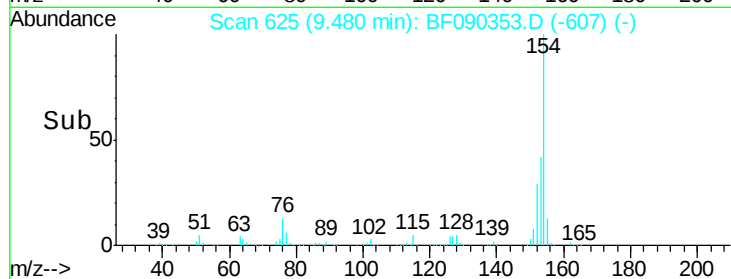
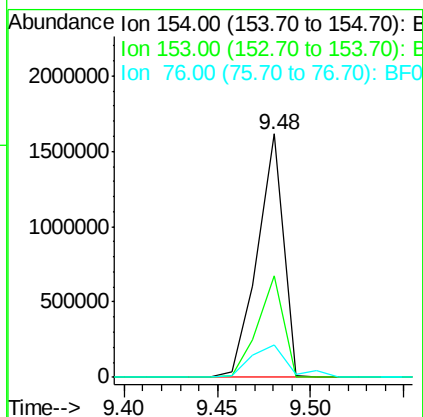
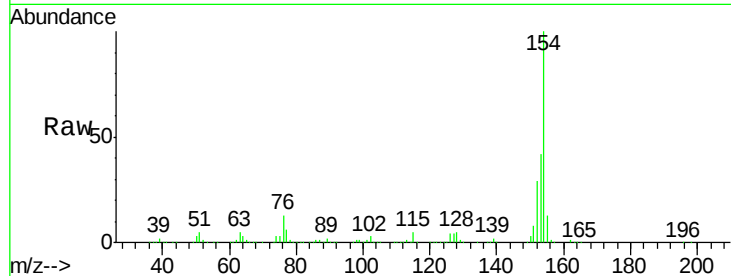




#45
 1,1'-Biphenyl
 Concen: 42.57 ng
 RT: 9.48 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: BF090353.D
 Acq: 4 Oct 2016 20:28

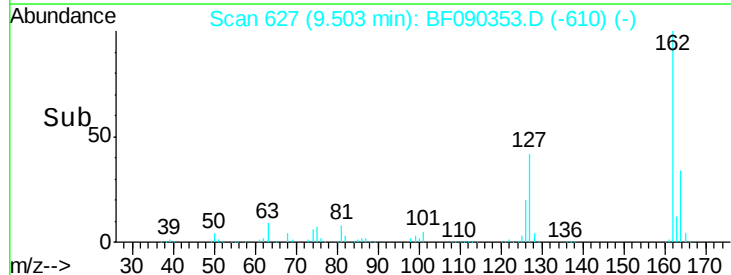
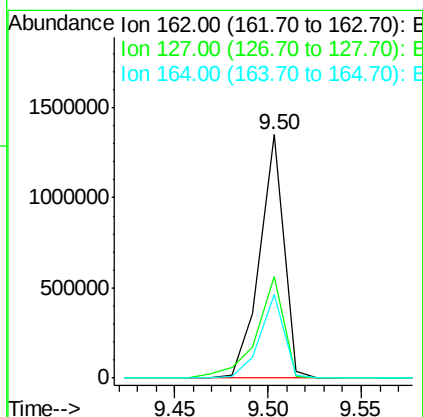
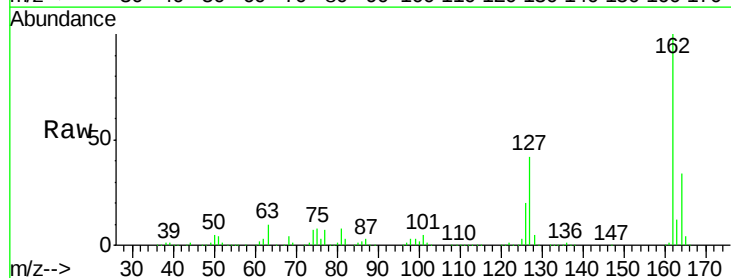
Instrument :
 BNA_F
 ClientSampleId :
 PB93778BS

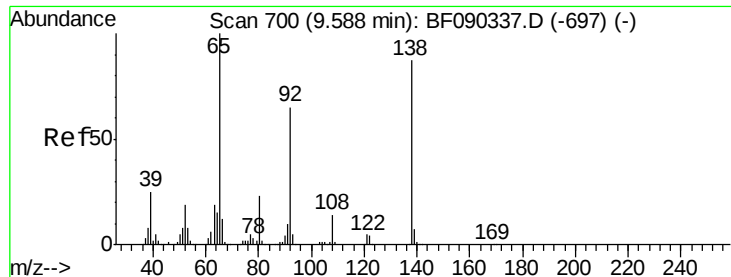
Tgt Ion:154 Resp: 1556005
 Ion Ratio Lower Upper
 154 100
 153 41.7 23.8 63.8
 76 13.2 0.0 35.8



#46
 2-Chloronaphthalene
 Concen: 44.16 ng
 RT: 9.50 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF090353.D
 Acq: 4 Oct 2016 20:28

Tgt Ion:162 Resp: 1211734
 Ion Ratio Lower Upper
 162 100
 127 41.9 35.6 53.4
 164 34.2 27.5 41.3

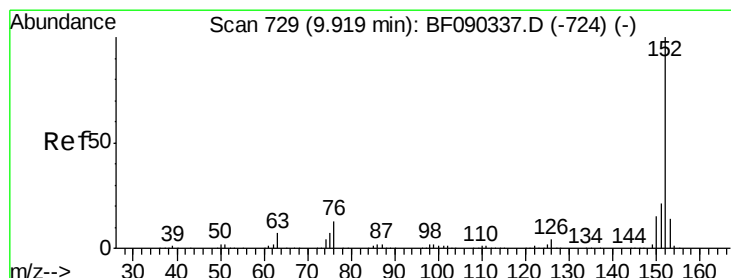
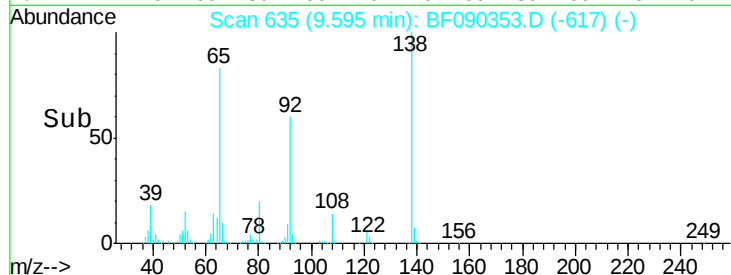
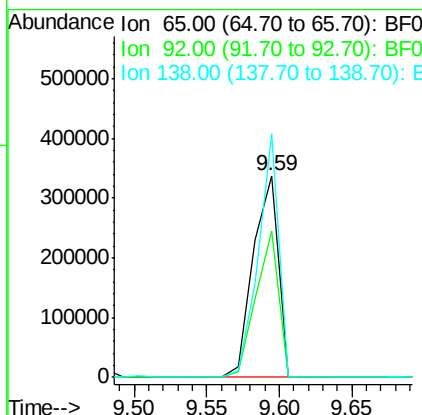
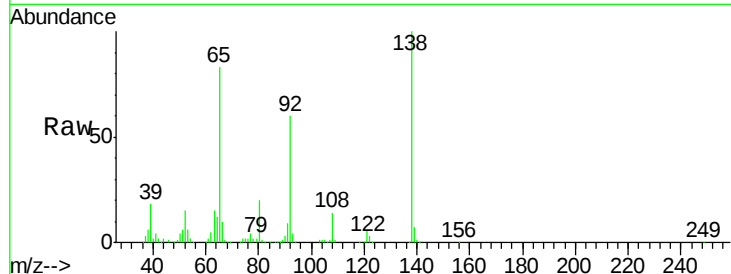




#47
2-Nitroaniline
Concen: 53.88 ng
RT: 9.59 min Scan# 635
Delta R.T. 0.01 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

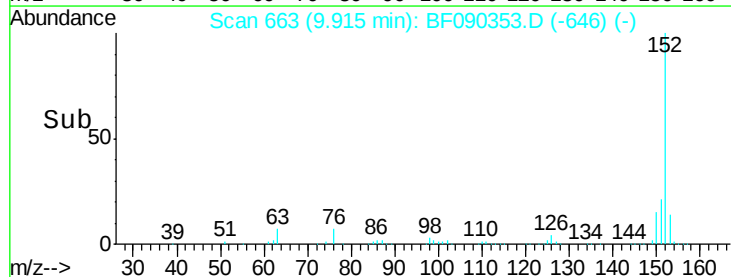
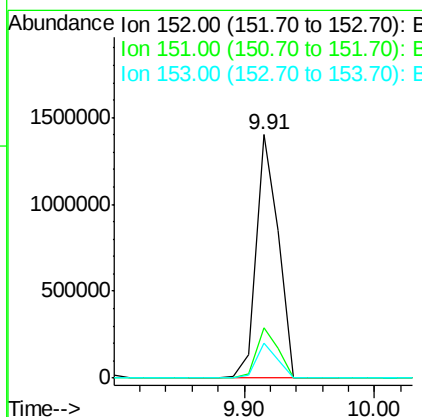
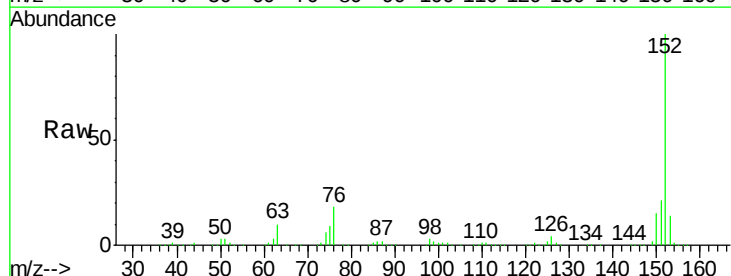
Instrument :
BNA_F
ClientSampleId :
PB93778BS

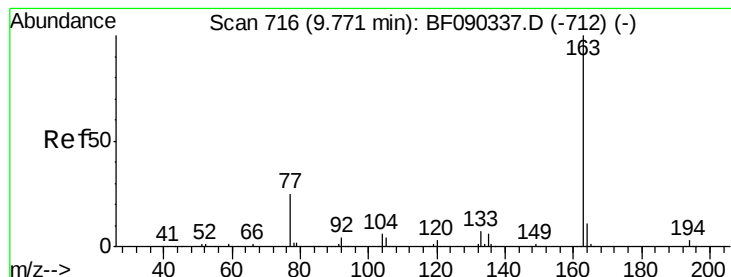
Tgt Ion: 65 Resp: 403515
Ion Ratio Lower Upper
65 100
92 72.3 51.7 77.5
138 120.8 79.0 118.4#



#48
Acenaphthylene
Concen: 39.63 ng
RT: 9.91 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Tgt Ion: 152 Resp: 1644832
Ion Ratio Lower Upper
152 100
151 20.7 17.4 26.0
153 14.4 11.6 17.4





#49

Dimethylphthalate

Concen: 46.71 ng

RT: 9.78 min Scan# 651

Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampleId :

PB93778BS

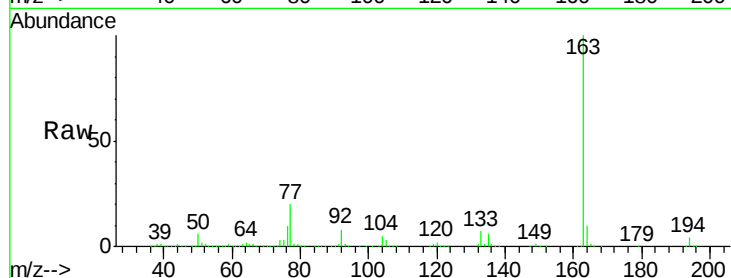
Tgt Ion:163 Resp: 1305484

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

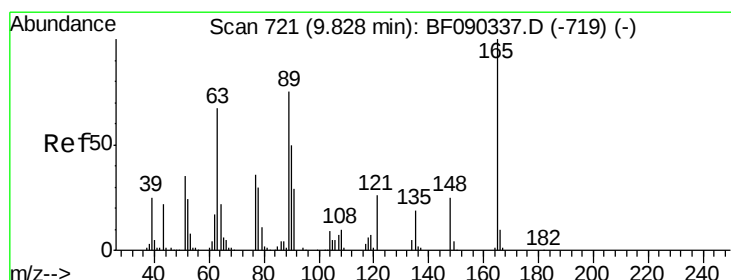
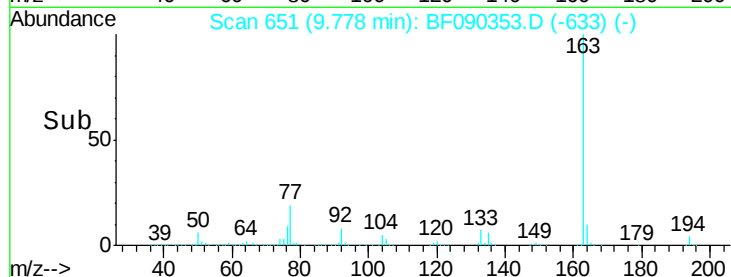
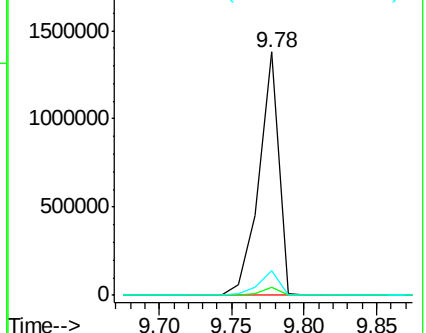
164 10.4 9.0 13.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 48.08 ng

RT: 9.83 min Scan# 656

Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

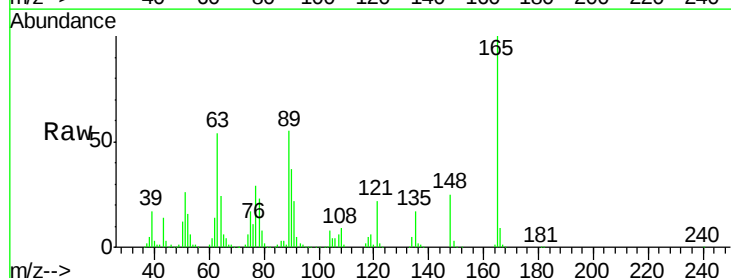
Tgt Ion:165 Resp: 293928

Ion Ratio Lower Upper

165 100

63 53.9 58.0 87.0#

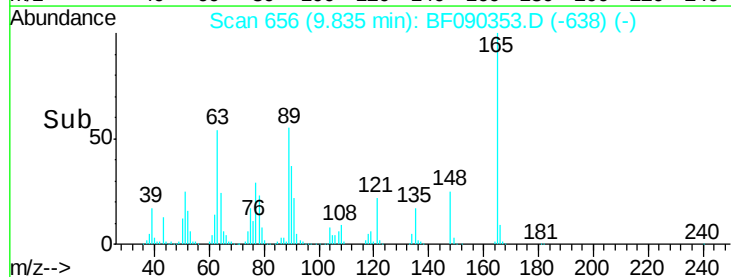
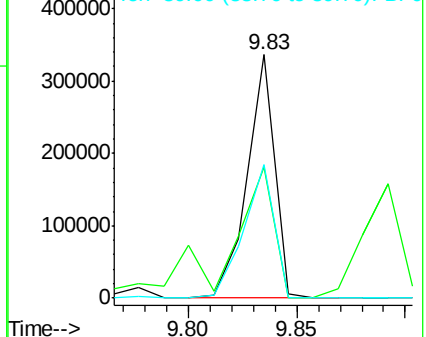
89 55.0 51.2 76.8

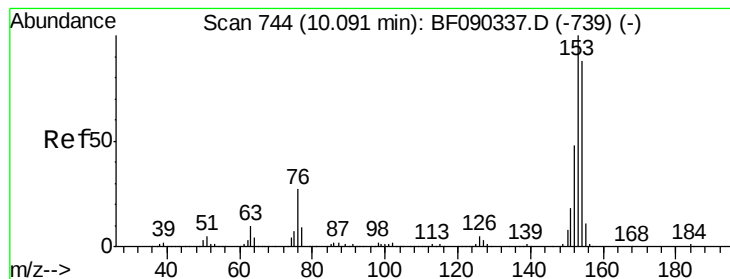


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.77 ng

RT: 10.09 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampleId :

PB93778BS

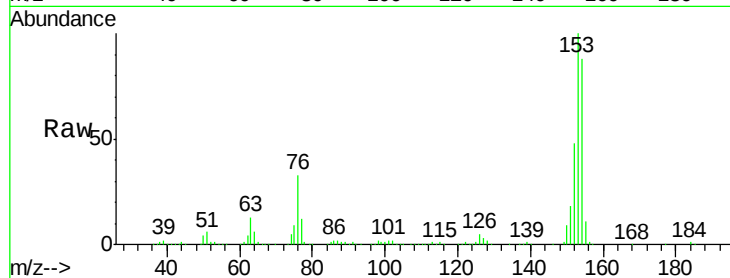
Tgt Ion:154 Resp: 1181208

Ion Ratio Lower Upper

154 100

153 113.5 88.6 133.0

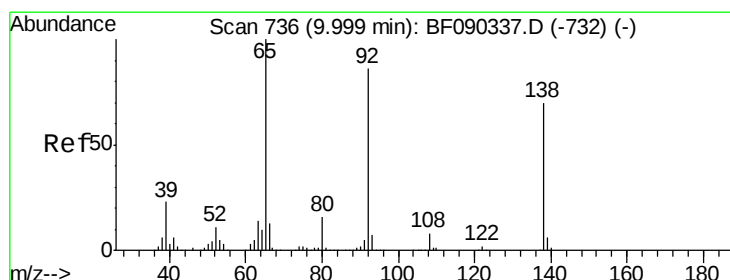
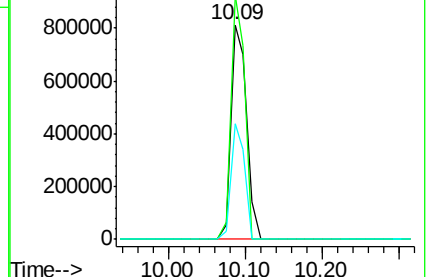
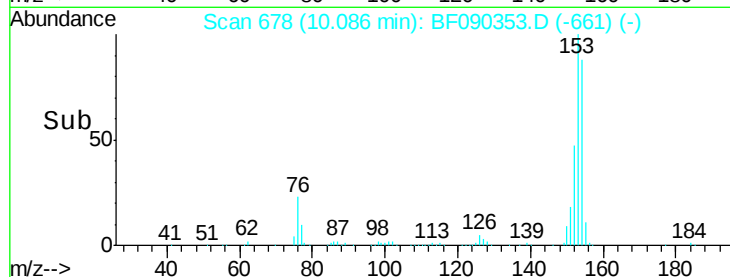
152 54.2 42.6 64.0



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: 19.11 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

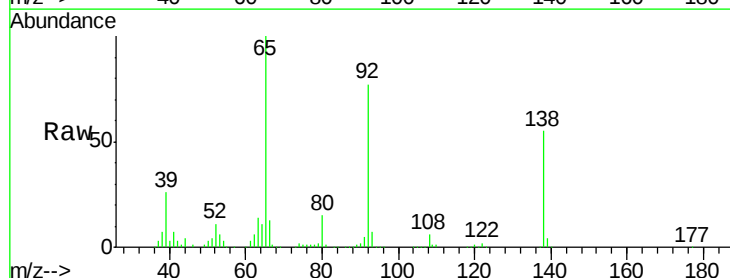
Tgt Ion:138 Resp: 132340

Ion Ratio Lower Upper

138 100

108 11.5 9.7 14.5

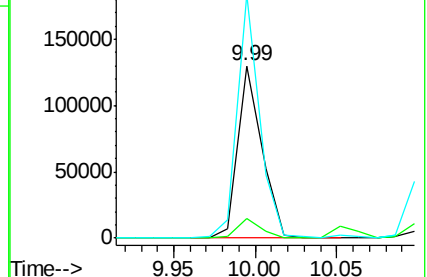
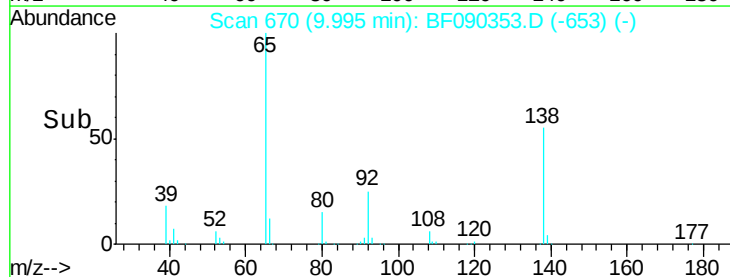
92 141.4 97.1 145.7

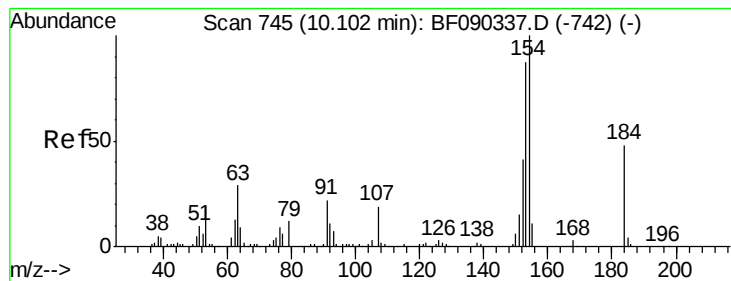


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 108.68 ng

RT: 10.11 min Scan# 680

Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampleId :

PB93778BS

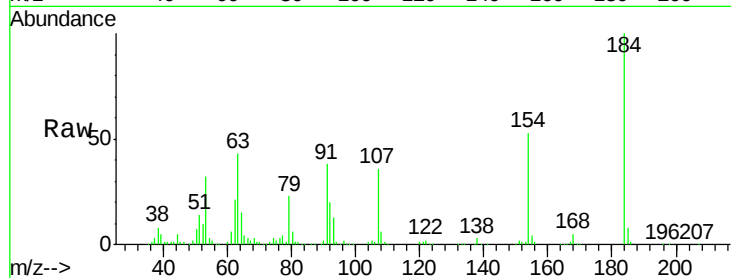
Tgt Ion:184 Resp: 254995

Ion Ratio Lower Upper

184 100

63 43.5 41.9 62.9

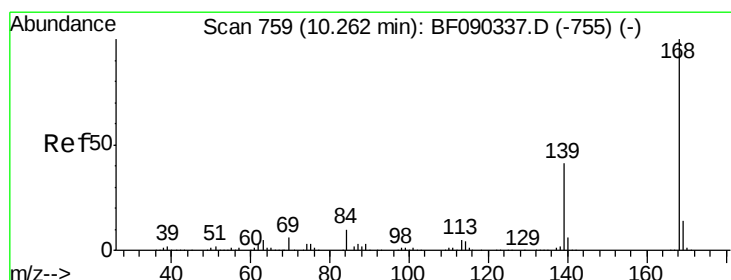
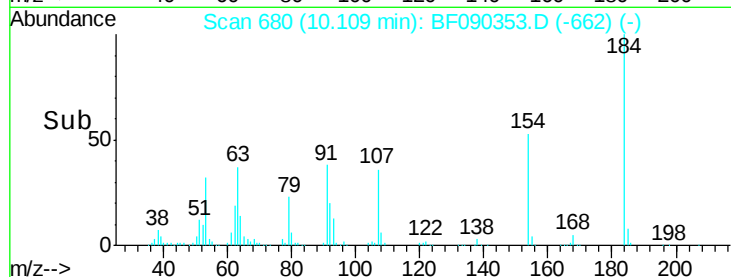
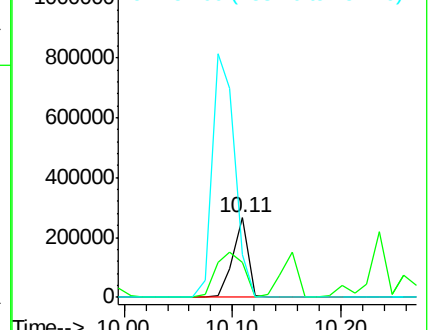
154 53.2 48.9 73.3



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: 46.34 ng

RT: 10.27 min Scan# 694

Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

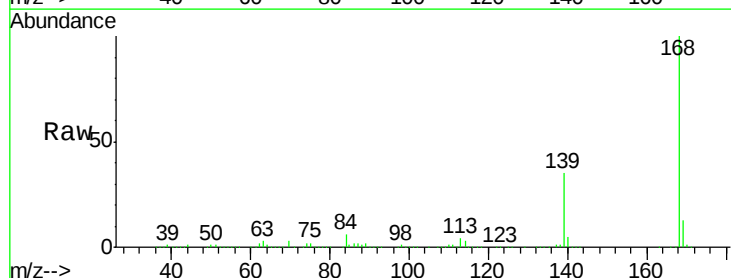
Tgt Ion:168 Resp: 1547579

Ion Ratio Lower Upper

168 100

139 35.1 29.6 44.4

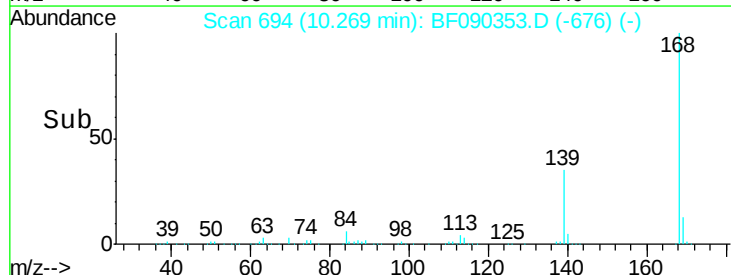
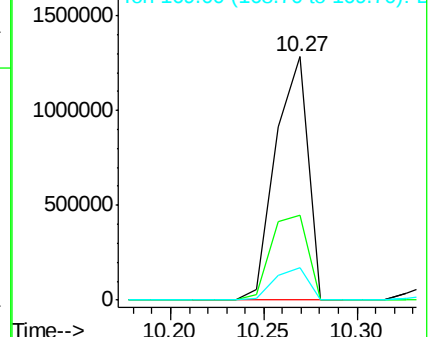
169 13.4 11.3 16.9

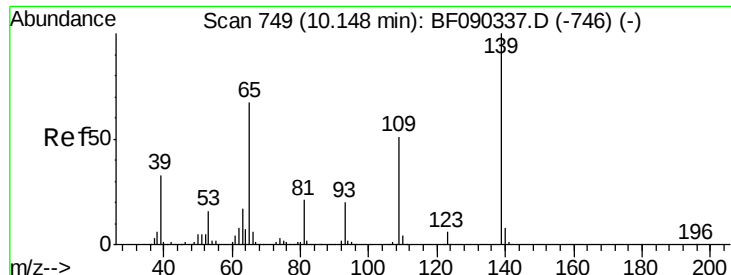


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

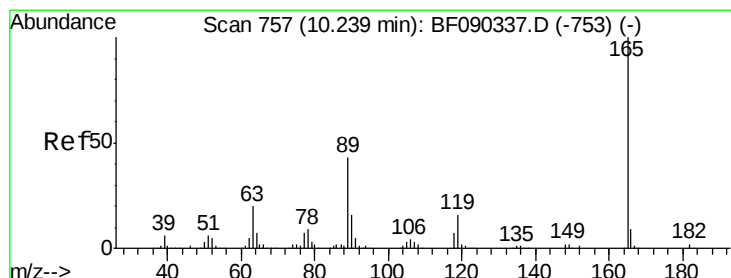
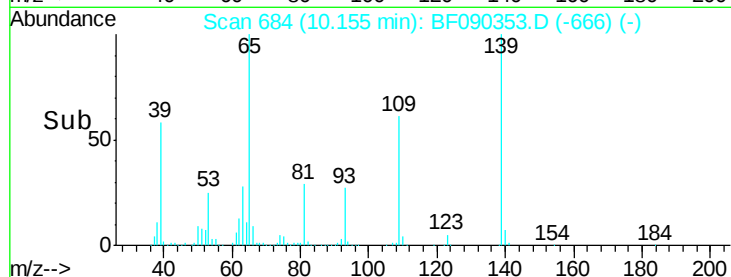
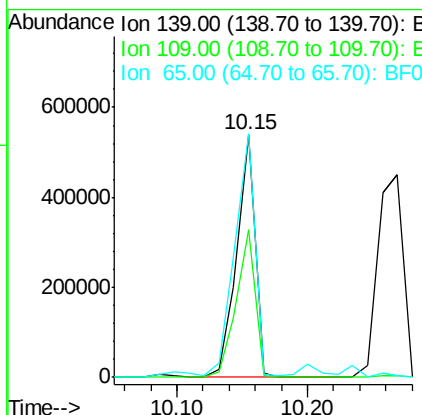
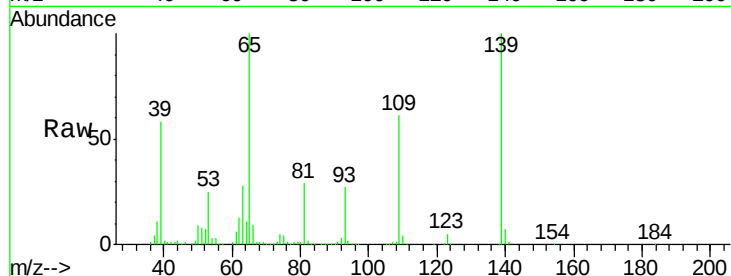




#55
4-Nitrophenol
Concen: 95.35 ng
RT: 10.15 min Scan# 684
Delta R.T. 0.01 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

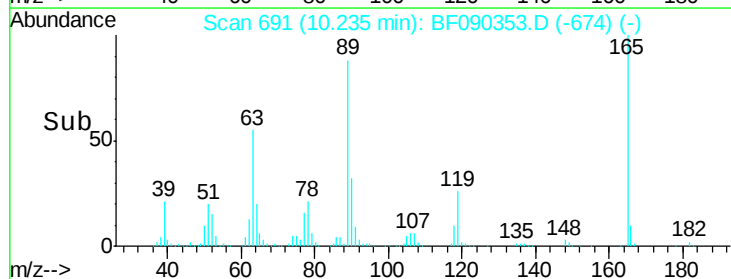
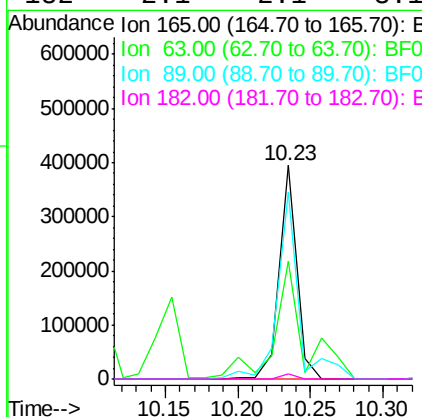
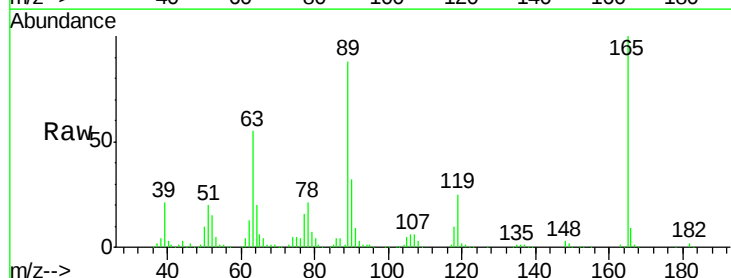
Instrument :
BNA_F
ClientSampleId :
PB93778BS

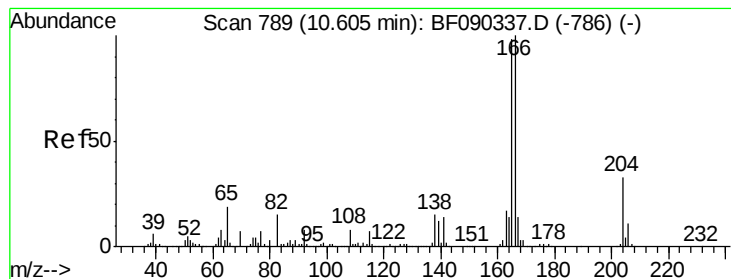
Tgt Ion:139 Resp: 525795
Ion Ratio Lower Upper
139 100
109 60.7 43.6 83.6
65 100.3 87.5 127.5



#56
2,4-Dinitrotoluene
Concen: 45.02 ng
RT: 10.23 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Tgt Ion:165 Resp: 331277
Ion Ratio Lower Upper
165 100
63 55.1 17.8 26.6#
89 87.6 33.2 49.8#
182 2.1 2.1 3.1





#57

Fluorene

Concen: 45.21 ng

RT: 10.61 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampled :

PB93778BS

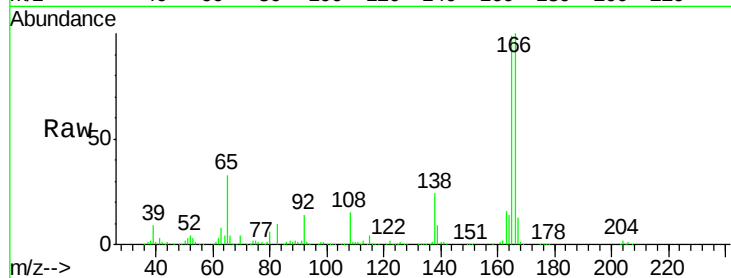
Tgt Ion:166 Resp: 1263058

Ion Ratio Lower Upper

166 100

165 99.0 79.2 118.8

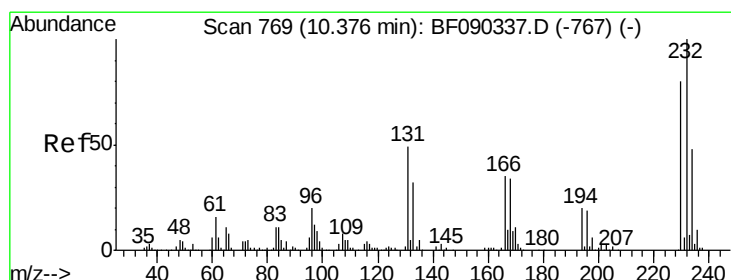
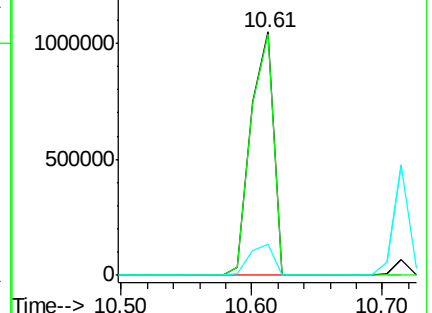
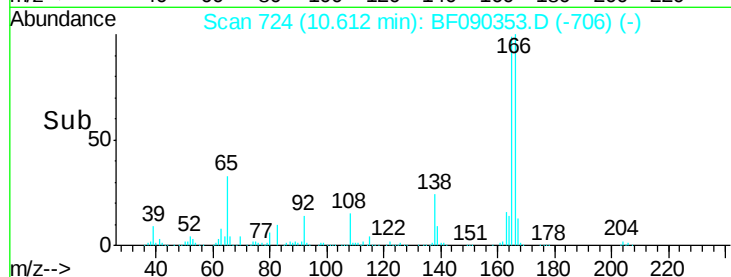
167 13.0 11.1 16.7



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: 49.99 ng

RT: 10.34 min Scan# 700

Delta R.T. -0.04 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Tgt Ion:232 Resp: 297377

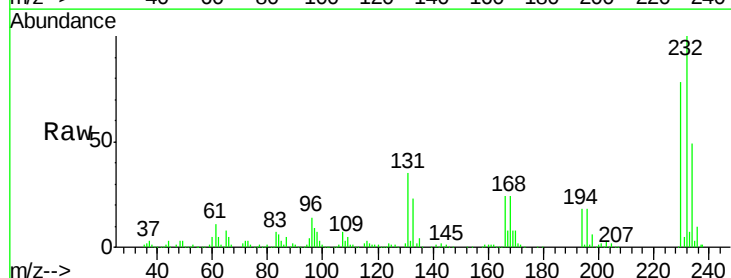
Ion Ratio Lower Upper

232 100

131 45.1 34.5 51.7

130 2.3 1.6 2.4

166 27.4 23.8 35.8

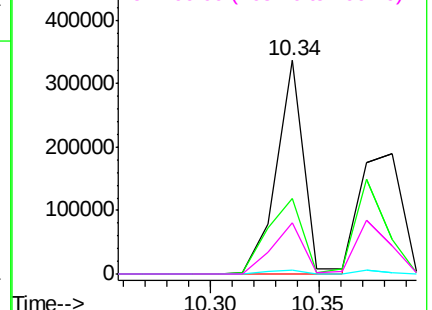
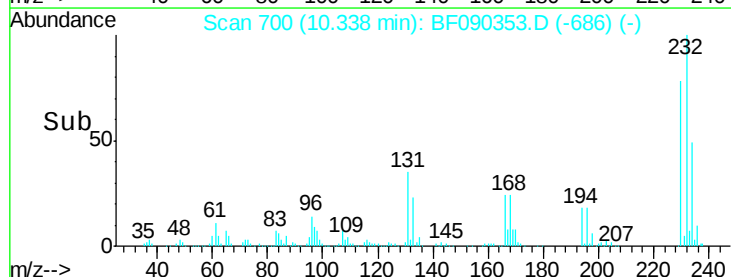


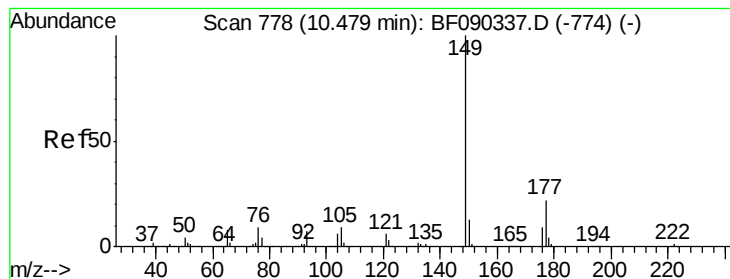
Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.38 ng

RT: 10.47 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampleId :

PB93778BS

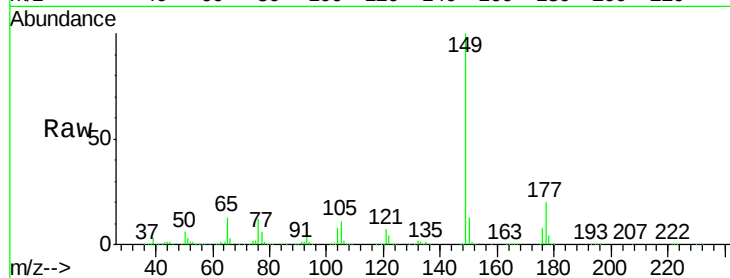
Tgt Ion:149 Resp: 1182272

Ion Ratio Lower Upper

149 100

177 19.8 21.1 31.7#

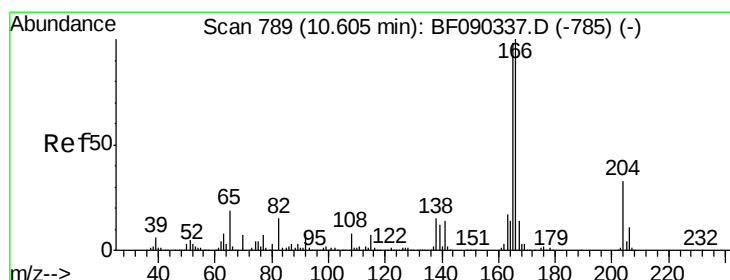
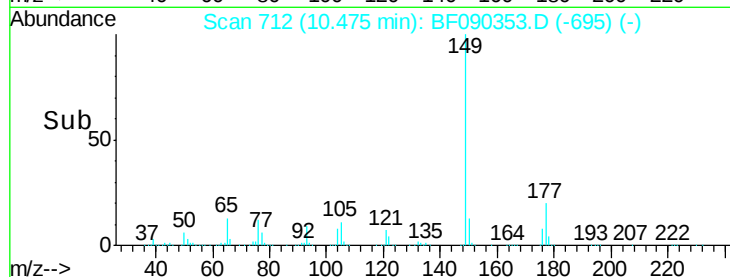
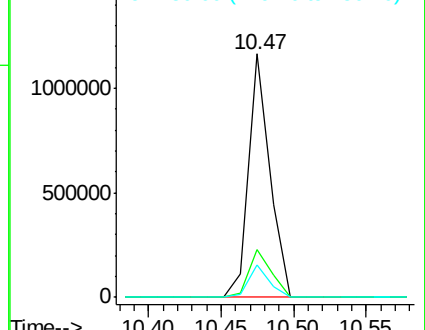
150 13.1 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.08 ng

RT: 10.60 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

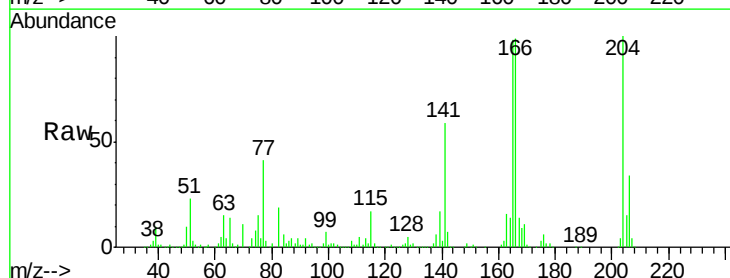
Tgt Ion:204 Resp: 610427

Ion Ratio Lower Upper

204 100

206 33.8 26.7 40.1

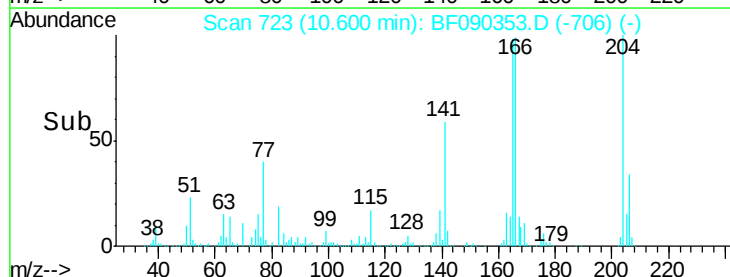
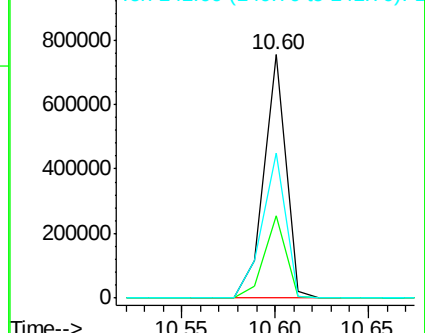
141 59.3 51.7 77.5

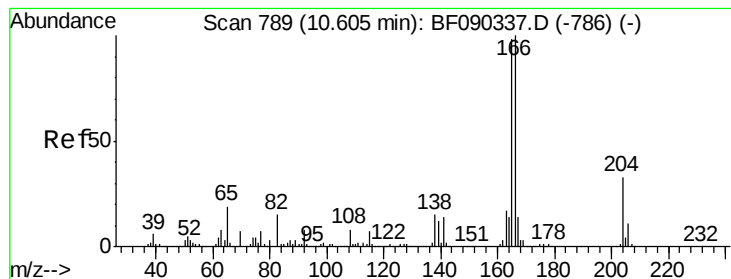


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.16 ng

RT: 10.61 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampleId :

PB93778BS

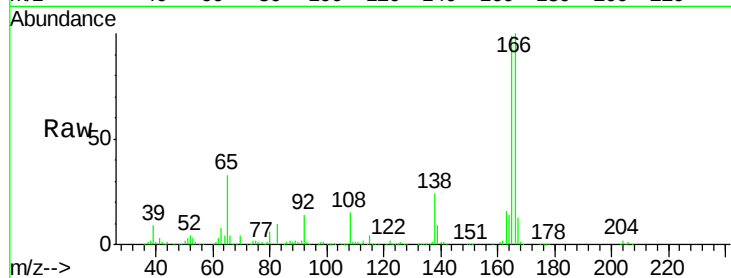
Tgt Ion:138 Resp: 243908

Ion Ratio Lower Upper

138 100

92 55.6 33.2 73.2

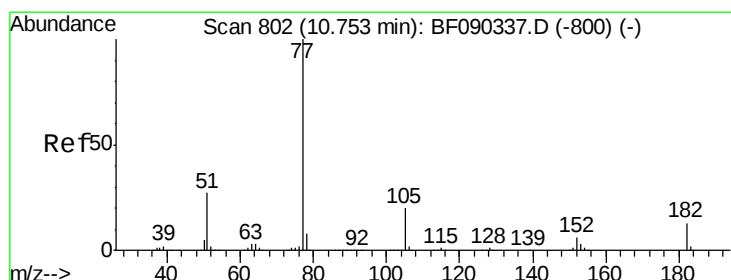
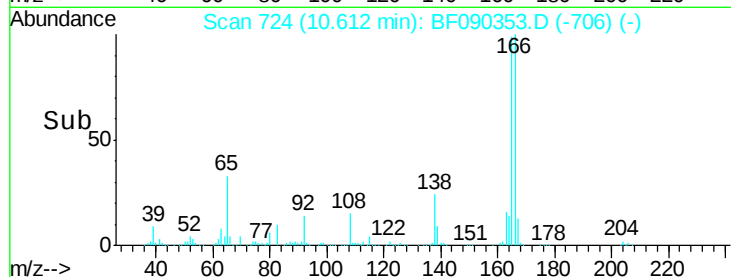
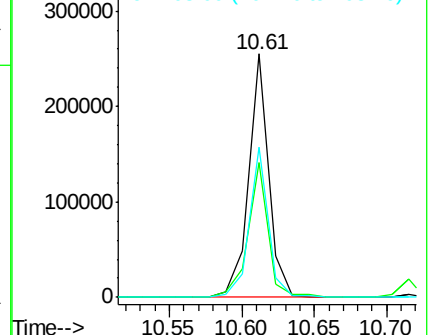
108 61.5 48.5 88.5



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: 57.24 ng

RT: 10.76 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Tgt Ion: 77 Resp: 1704087

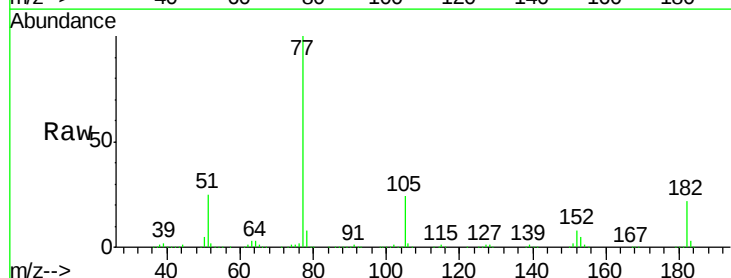
Ion Ratio Lower Upper

77 100

182 21.8 3.2 43.2

105 24.0 2.9 42.9

51 25.0 14.2 54.2

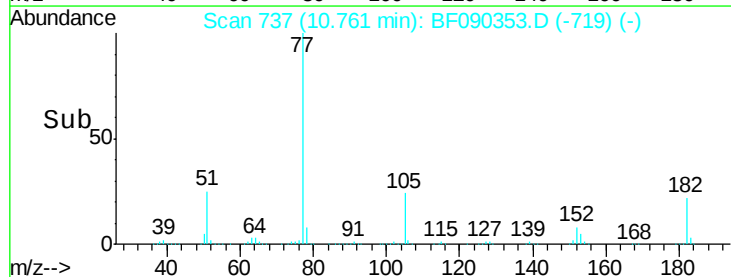
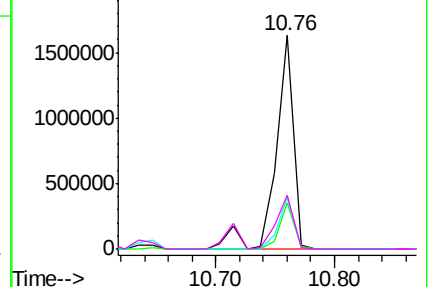


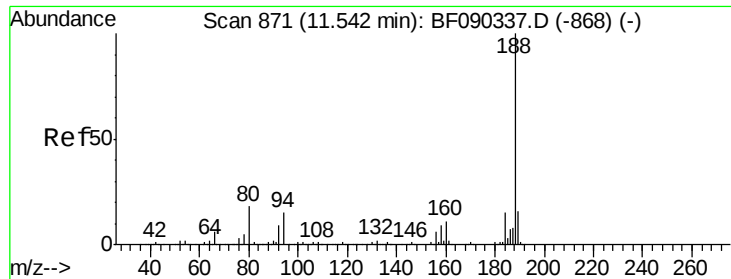
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

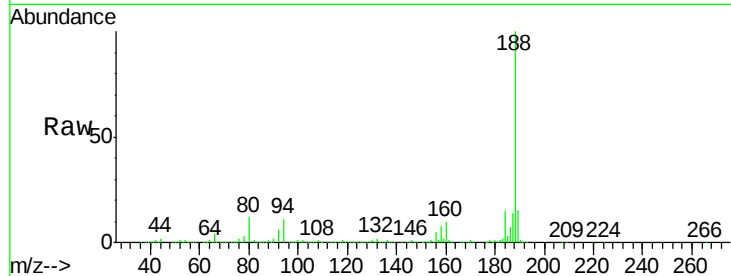




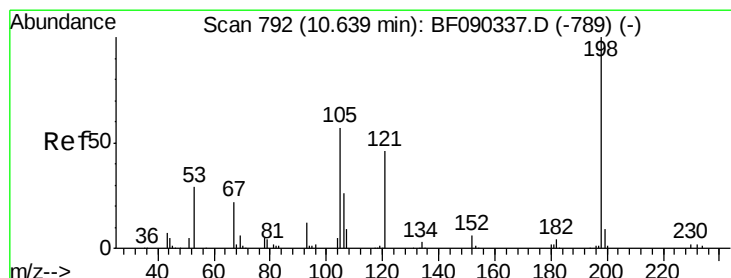
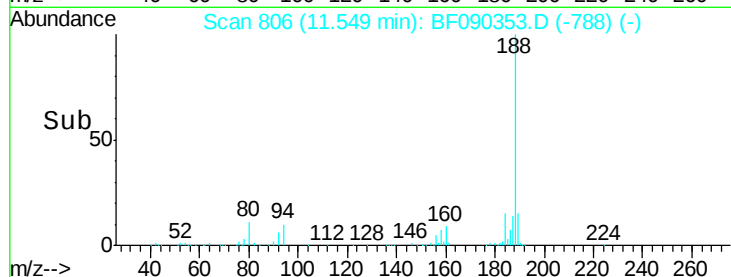
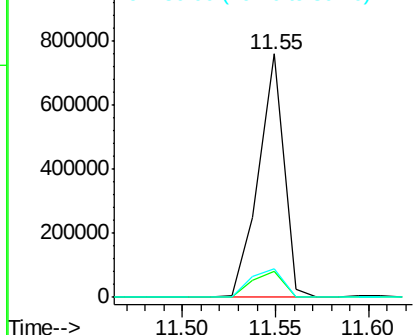
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.55 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Instrument :
BNA_F
ClientSampleId :
PB93778BS

Tgt Ion:188 Resp: 710469
Ion Ratio Lower Upper
188 100
94 10.5 8.2 12.2
80 11.8 8.8 13.2

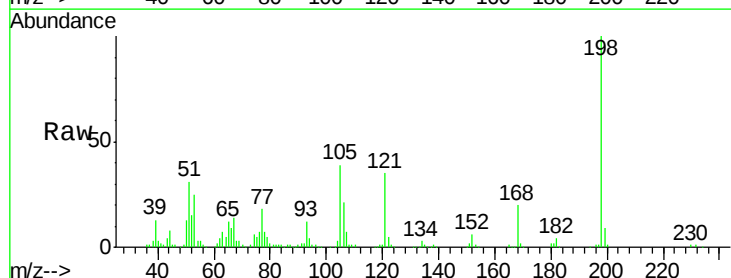


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

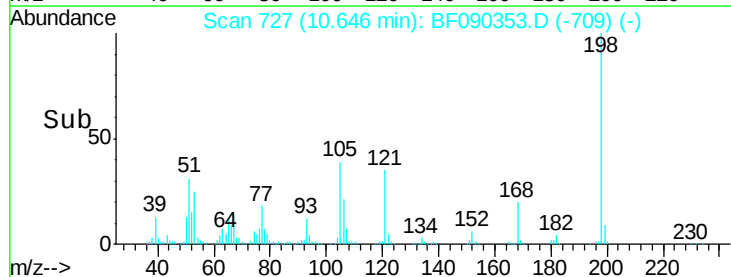
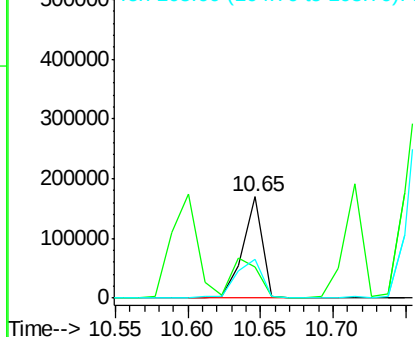


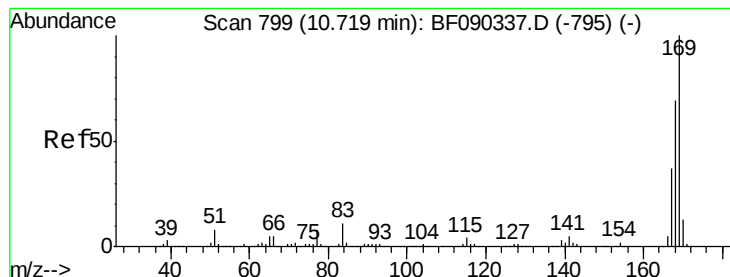
#64
4,6-Dinitro-2-methylphenol
Concen: 48.57 ng
RT: 10.65 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Tgt Ion:198 Resp: 156985
Ion Ratio Lower Upper
198 100
51 31.0 67.3 107.3#
105 38.9 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

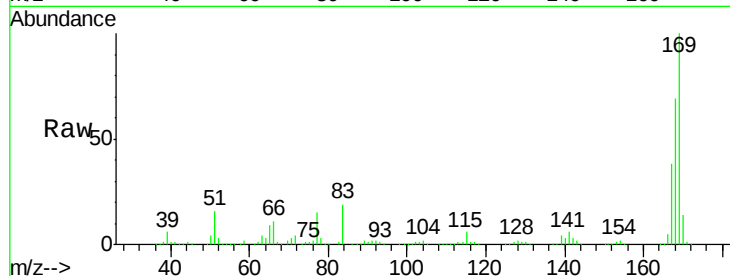




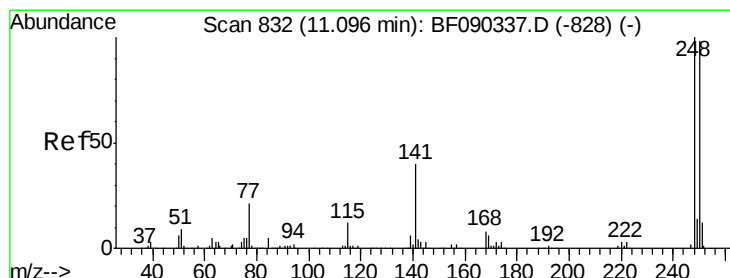
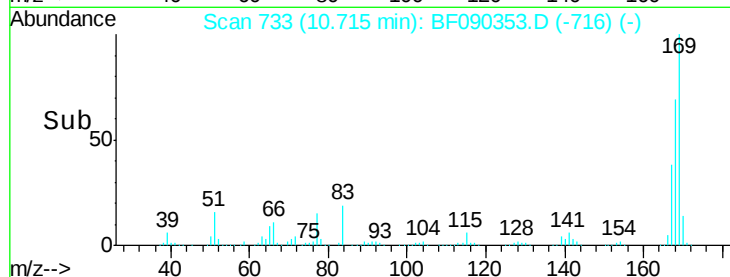
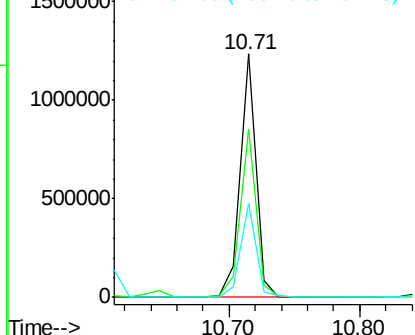
#65
 n-Nitrosodiphenylamine
 Concen: 42.09 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BF090353.D
 Acq: 4 Oct 2016 20:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93778BS

Tgt Ion:169 Resp: 1019561
 Ion Ratio Lower Upper
 169 100
 168 69.3 53.8 80.6
 167 38.5 29.8 44.8

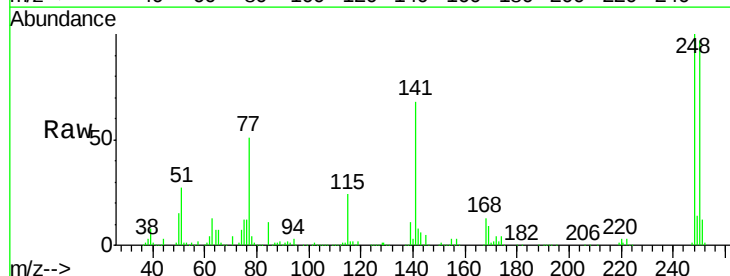


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

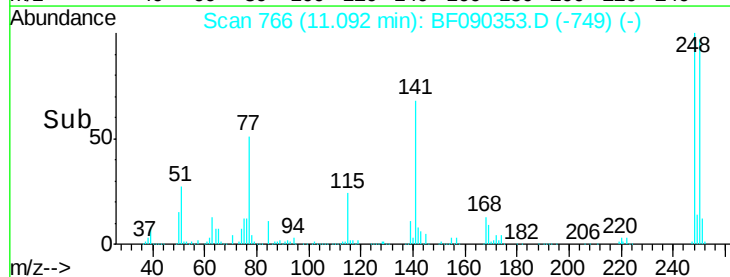
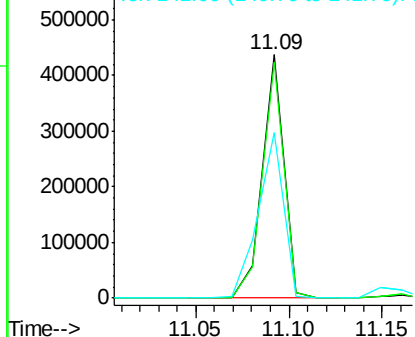


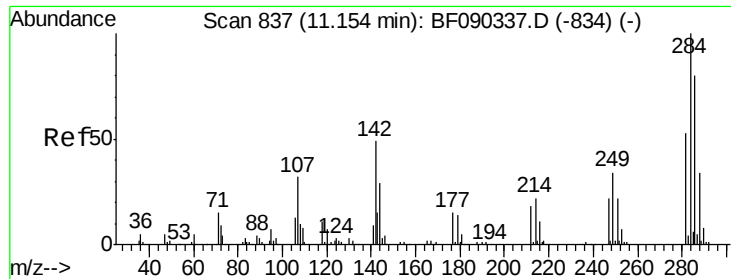
#66
 4-Bromophenyl-phenylether
 Concen: 45.16 ng
 RT: 11.09 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF090353.D
 Acq: 4 Oct 2016 20:28

Tgt Ion:248 Resp: 346729
 Ion Ratio Lower Upper
 248 100
 250 96.9 76.5 114.7
 141 67.7 59.8 89.6



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

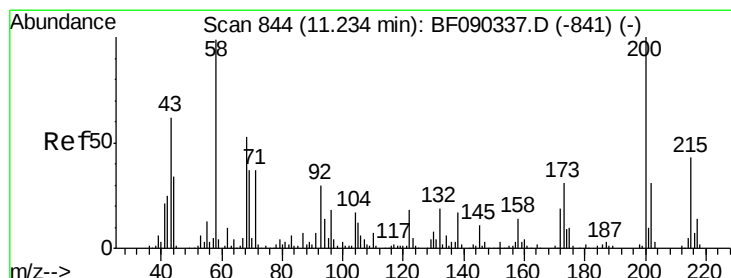
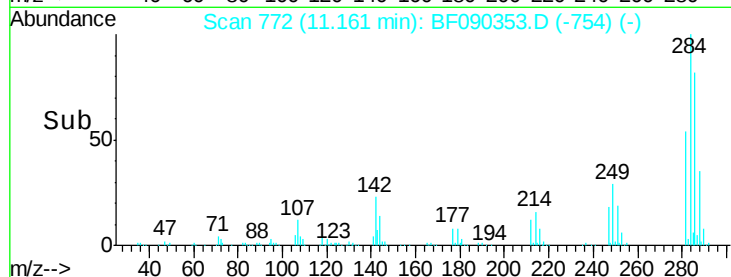
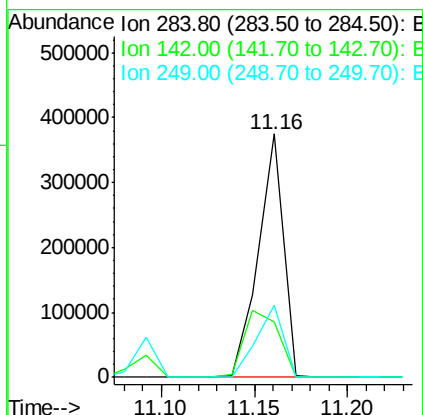
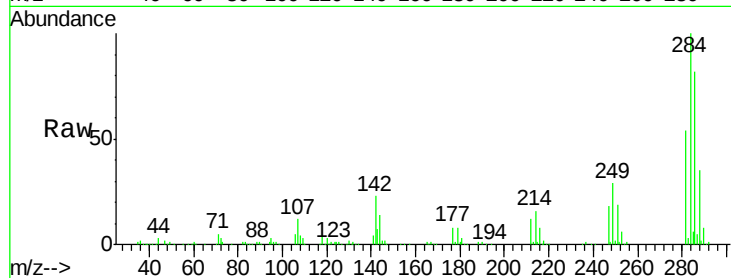




#67
Hexachlorobenzene
Concen: 38.67 ng
RT: 11.16 min Scan# 772
Delta R.T. 0.01 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

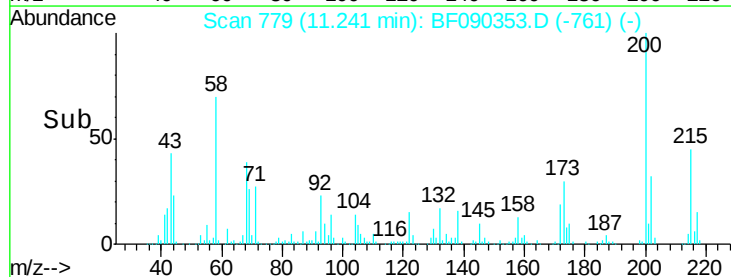
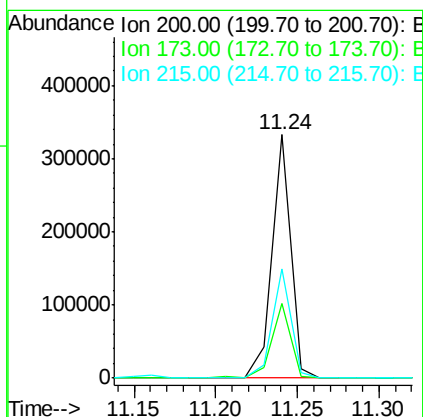
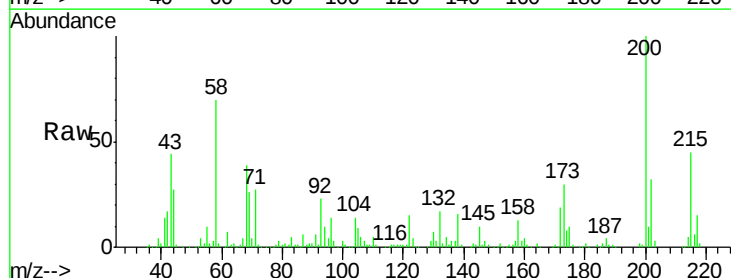
Instrument :
BNA_F
ClientSampleId :
PB93778BS

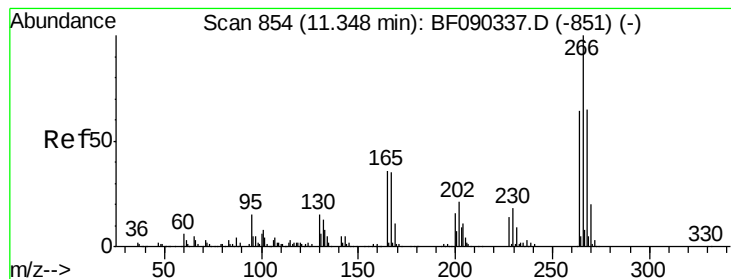
Tgt Ion: 284 Resp: 348945
Ion Ratio Lower Upper
284 100
142 22.9 23.1 34.7#
249 29.5 26.3 39.5



#68
Atrazine
Concen: 46.05 ng
RT: 11.24 min Scan# 779
Delta R.T. 0.01 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Tgt Ion: 200 Resp: 267078
Ion Ratio Lower Upper
200 100
173 30.5 9.0 49.0
215 44.8 24.8 64.8





#69

Pentachlorophenol

Concen: 71.95 ng

RT: 11.34 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampleId :

PB93778BS

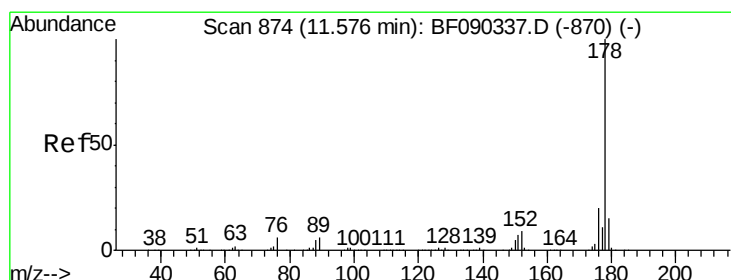
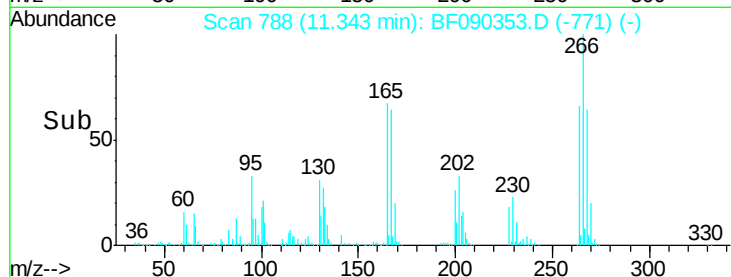
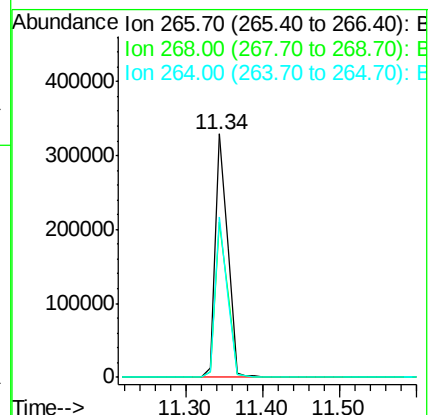
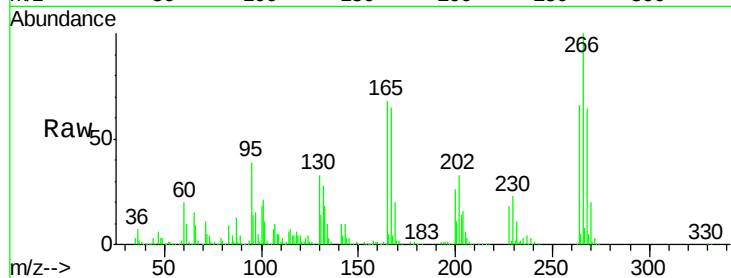
Tgt Ion:266 Resp: 363962

Ion Ratio Lower Upper

266 100

268 63.5 50.9 76.3

264 65.8 51.5 77.3



#70

Phenanthrene

Concen: 42.76 ng

RT: 11.57 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

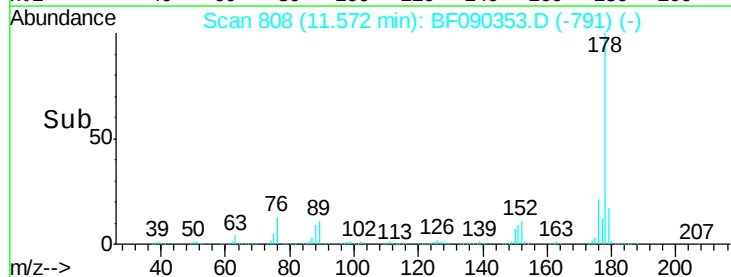
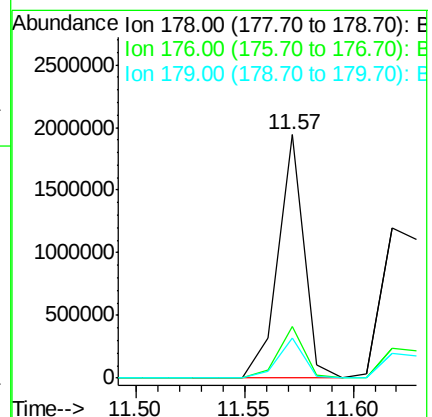
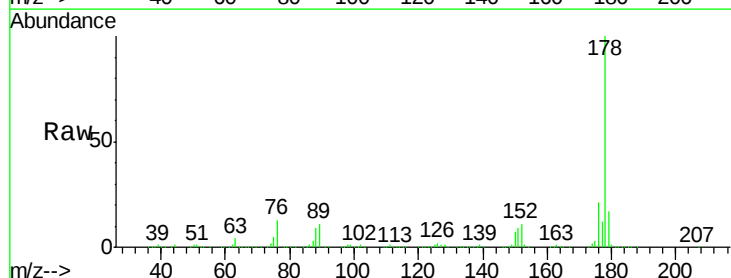
Tgt Ion:178 Resp: 1629979

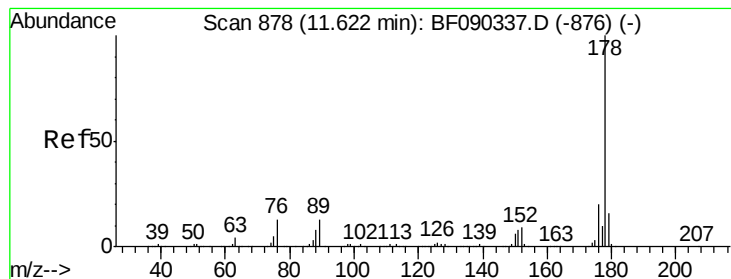
Ion Ratio Lower Upper

178 100

176 21.0 17.3 25.9

179 16.6 13.8 20.6





#71

Anthracene

Concen: 42.21 ng

RT: 11.62 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampleId :

PB93778BS

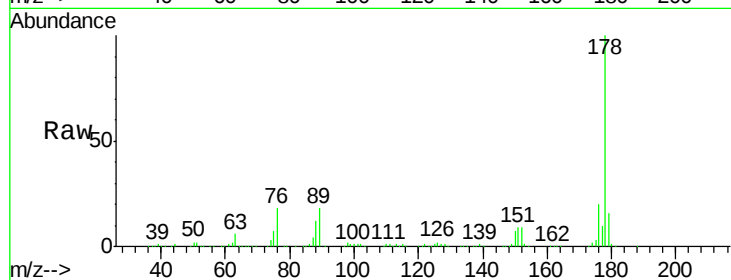
Tgt Ion:178 Resp: 1605916

Ion Ratio Lower Upper

178 100

176 19.6 16.8 25.2

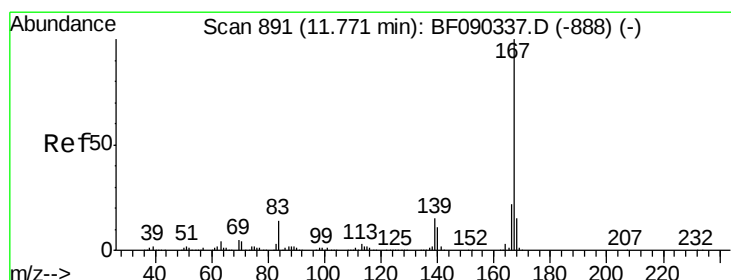
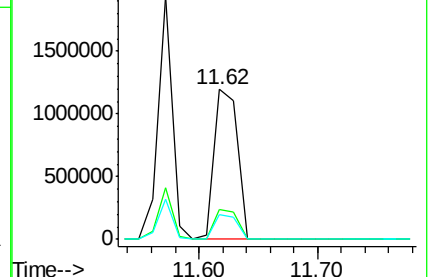
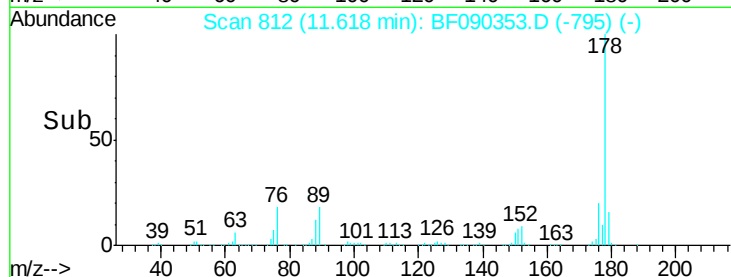
179 16.4 13.4 20.2



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: 42.52 ng

RT: 11.78 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

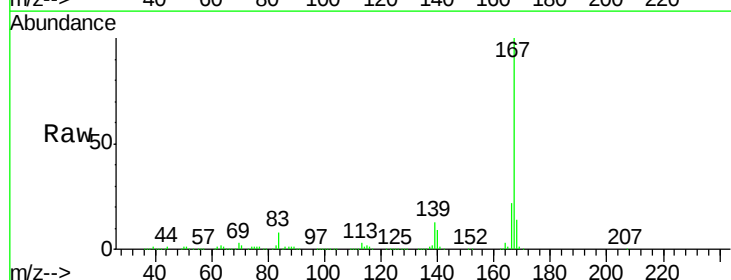
Tgt Ion:167 Resp: 1487091

Ion Ratio Lower Upper

167 100

166 22.2 19.1 28.7

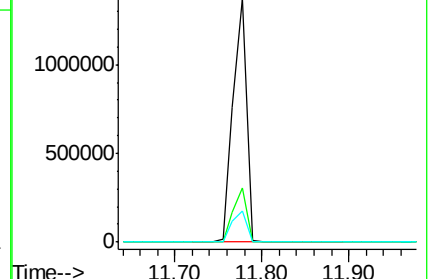
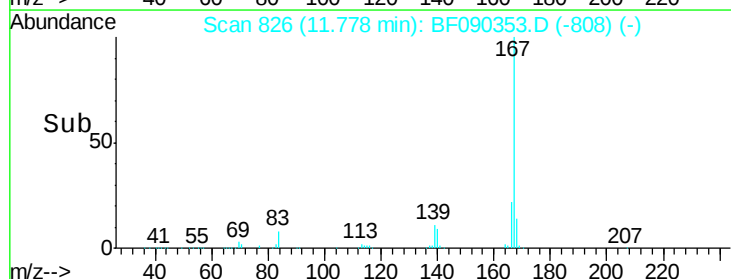
139 12.9 12.1 18.1

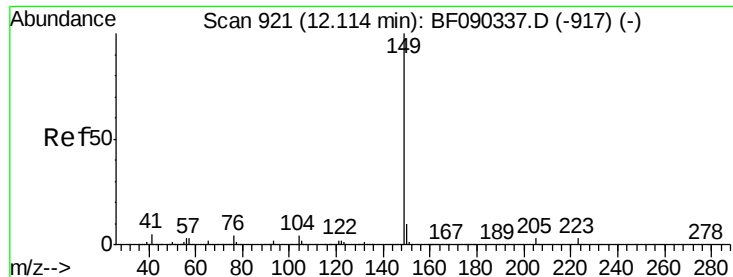


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

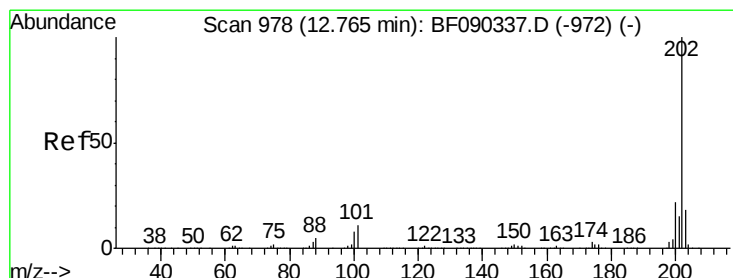
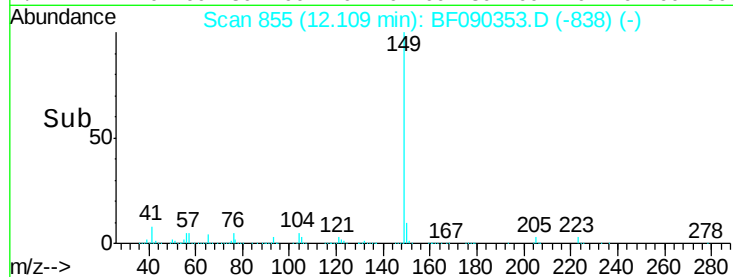
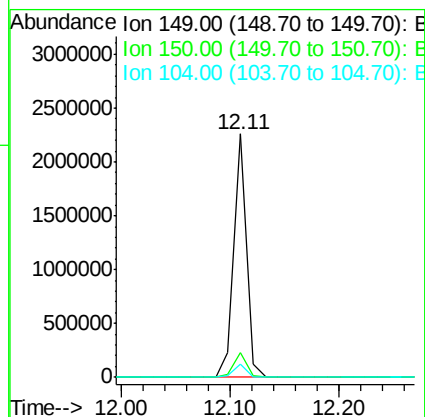
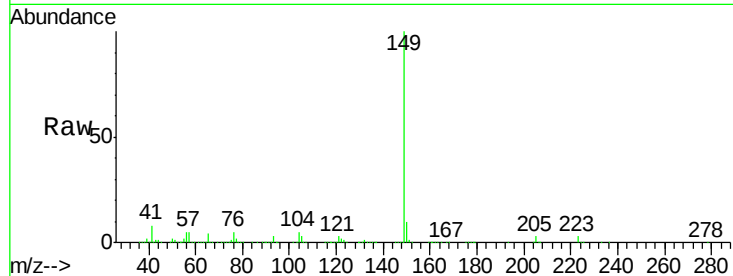




#73
Di-n-butylphthalate
Concen: 42.97 ng
RT: 12.11 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

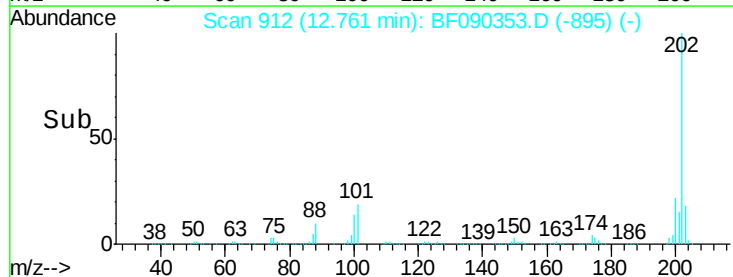
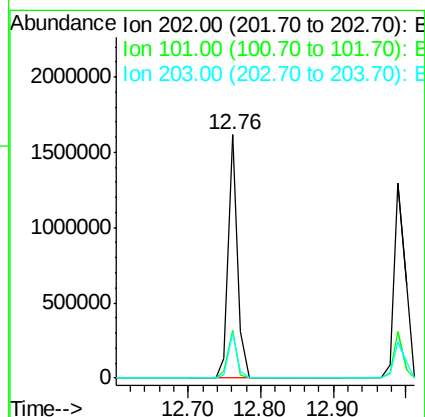
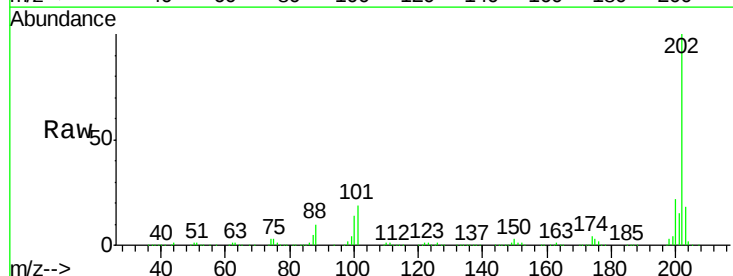
Instrument :
BNA_F
ClientSampleId :
PB93778BS

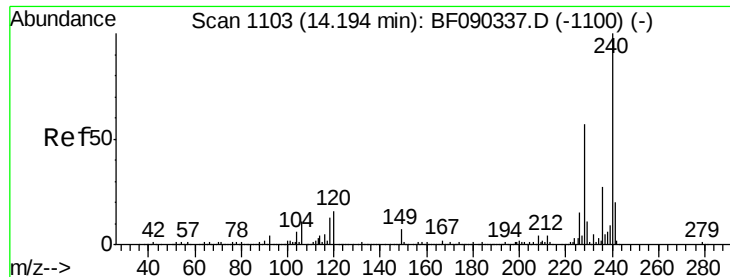
Tgt Ion:149 Resp: 1796322
Ion Ratio Lower Upper
149 100
150 10.1 8.6 12.8
104 5.2 4.7 7.1



#74
Fluoranthene
Concen: 39.20 ng
RT: 12.76 min Scan# 912
Delta R.T. -0.00 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Tgt Ion:202 Resp: 1417243
Ion Ratio Lower Upper
202 100
101 19.4 0.0 37.2
203 18.4 0.0 39.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampleId :

PB93778BS

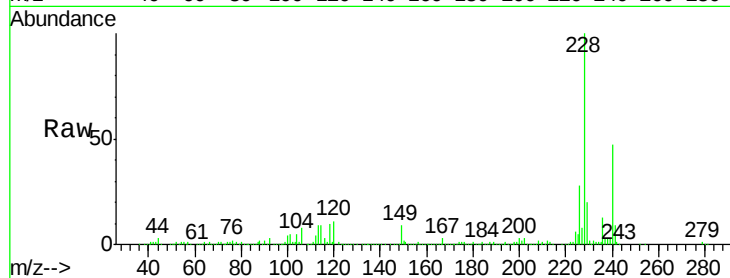
Tgt Ion:240 Resp: 489312

Ion Ratio Lower Upper

240 100

120 23.0 8.6 13.0#

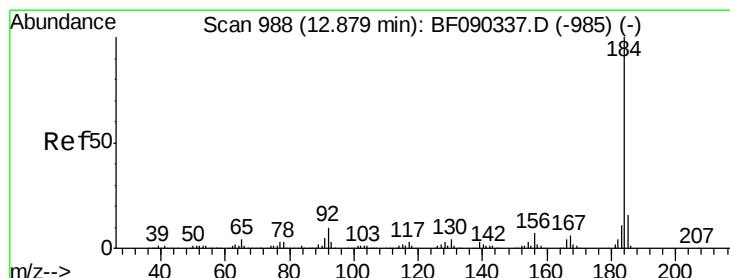
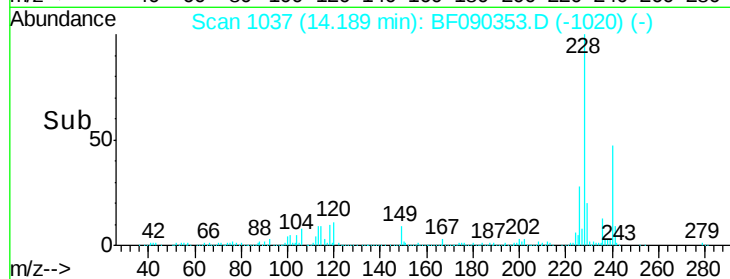
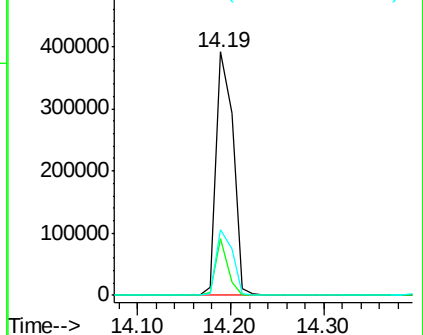
236 26.9 21.6 32.4



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: 25.50 ng

RT: 12.87 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

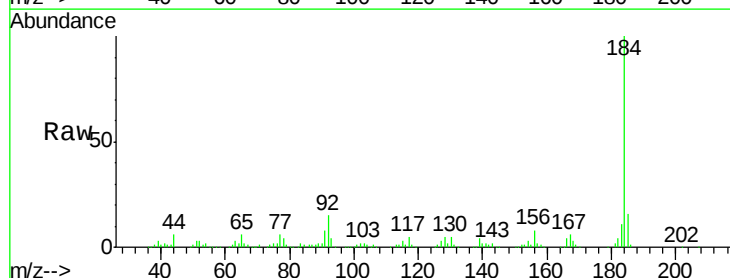
Tgt Ion:184 Resp: 343169

Ion Ratio Lower Upper

184 100

185 16.5 11.8 17.8

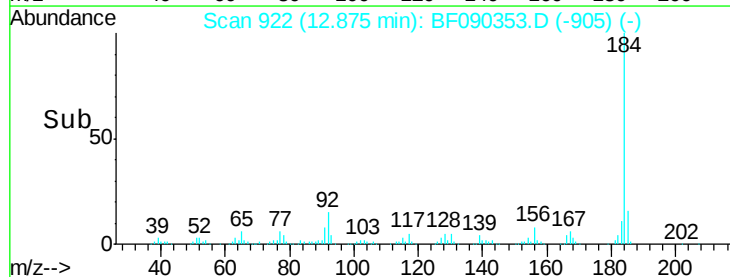
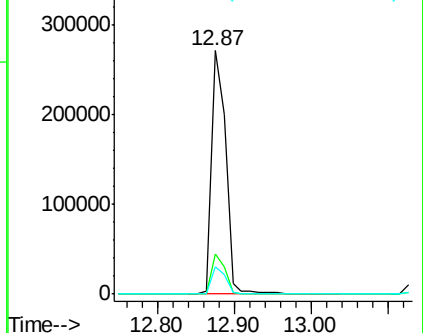
183 11.4 9.6 14.4

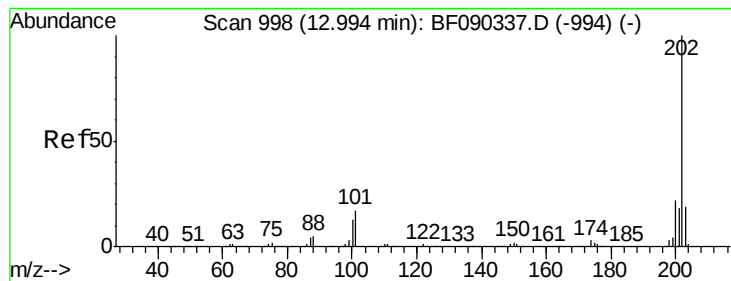


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 43.97 ng

RT: 12.99 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampleId :

PB93778BS

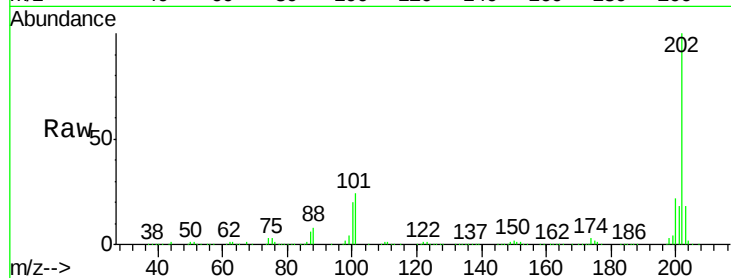
Tgt Ion:202 Resp: 1377666

Ion Ratio Lower Upper

202 100

200 22.1 18.5 27.7

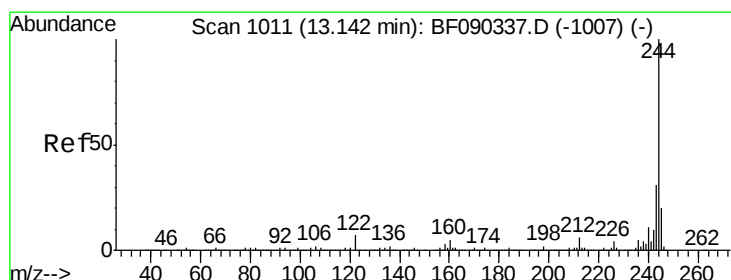
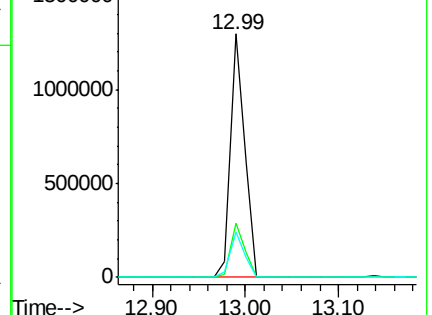
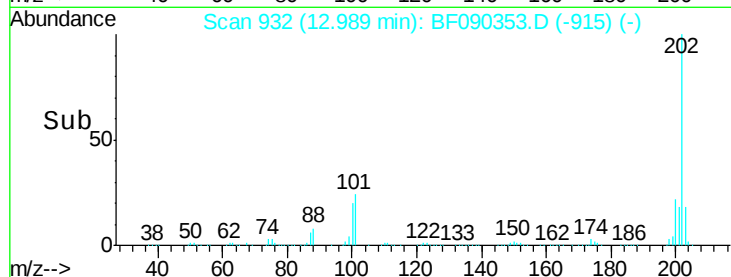
203 18.4 15.0 22.6



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: 103.56 ng

RT: 13.14 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

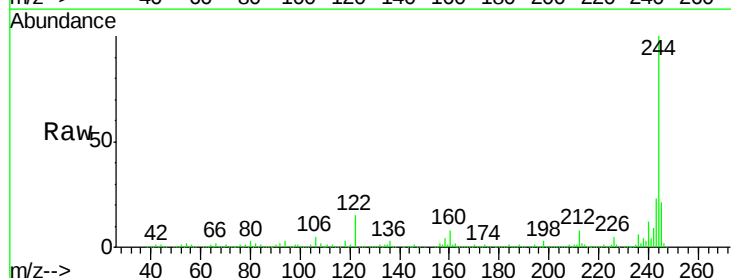
Tgt Ion:244 Resp: 2176503

Ion Ratio Lower Upper

244 100

212 8.2 6.8 10.2

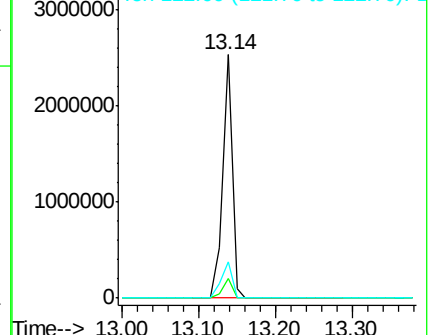
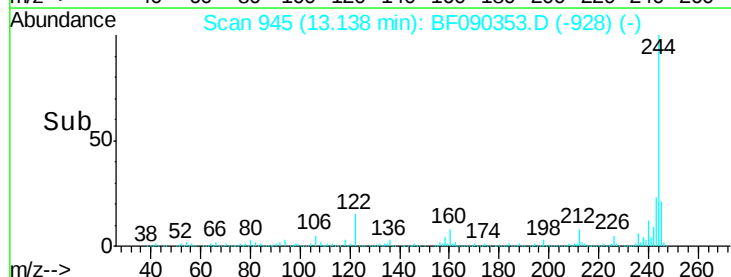
122 14.9 13.3 19.9

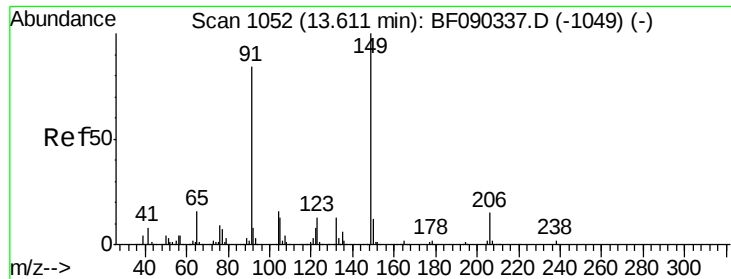


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

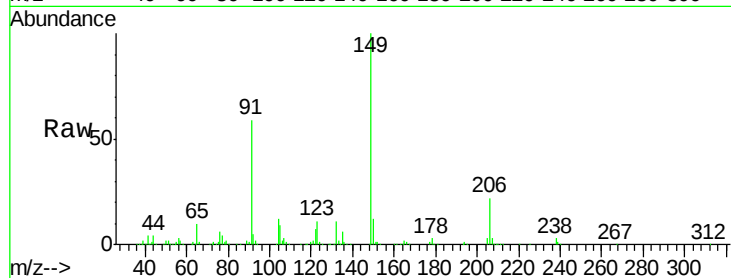




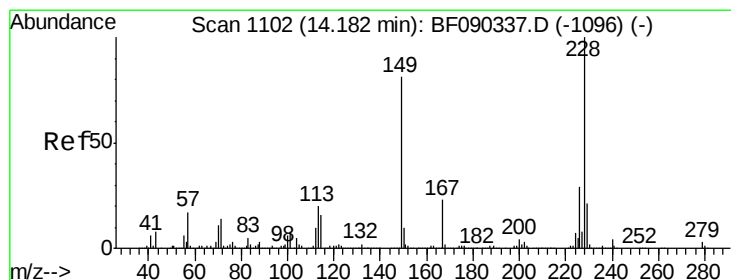
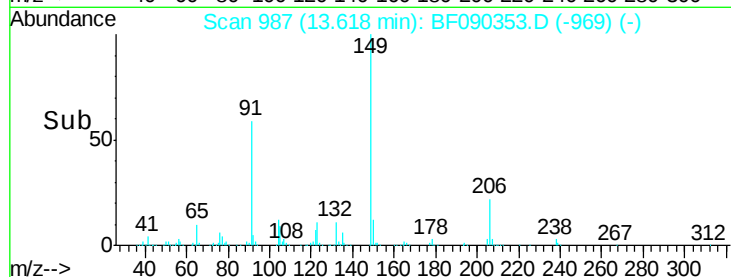
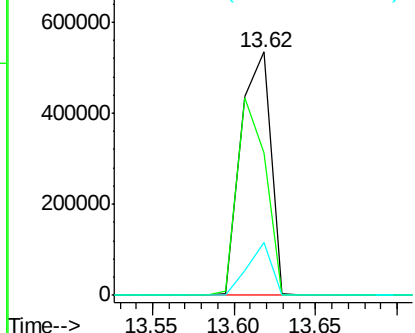
#79
Butylbenzylphthalate
Concen: 54.51 ng
RT: 13.62 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Instrument :
BNA_F
ClientSampleId :
PB93778BS

Tgt Ion:149 Resp: 673118
Ion Ratio Lower Upper
149 100
91 58.7 51.8 77.8
206 21.7 18.0 27.0

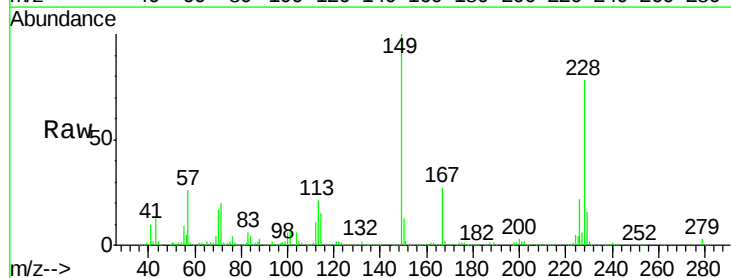


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

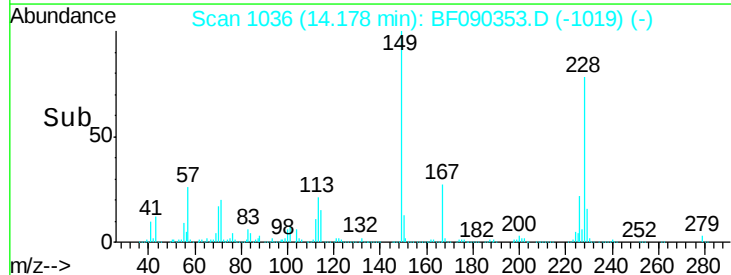
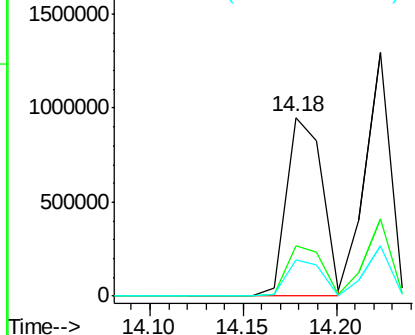


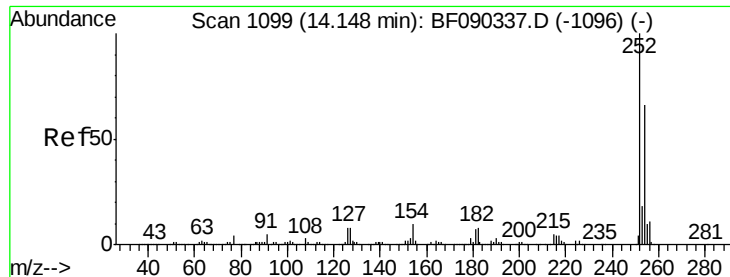
#80
Benzo(a)anthracene
Concen: 46.11 ng
RT: 14.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Tgt Ion:228 Resp: 1265245
Ion Ratio Lower Upper
228 100
226 28.4 23.6 35.4
229 20.6 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

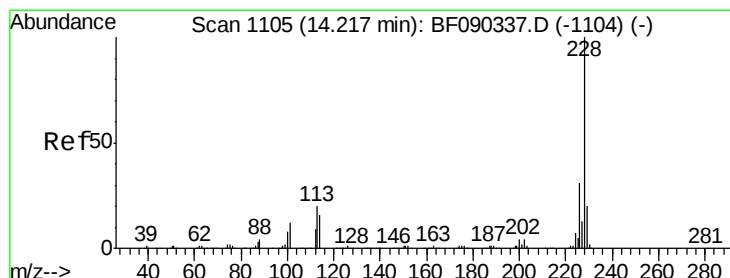
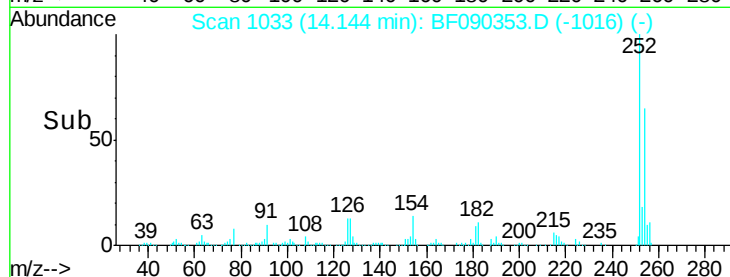
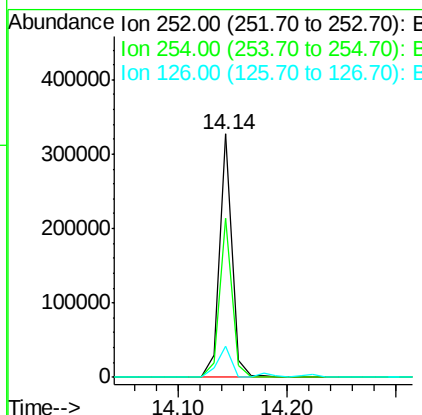
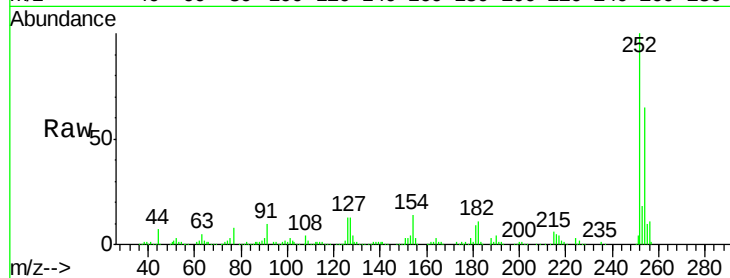




#81
 3,3'-Dichlorobenzidine
 Concen: 27.97 ng
 RT: 14.14 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF090353.D
 Acq: 4 Oct 2016 20:28

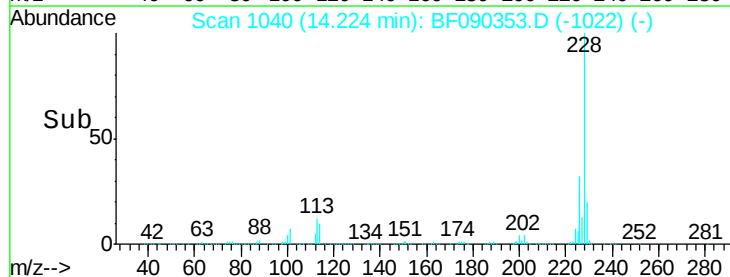
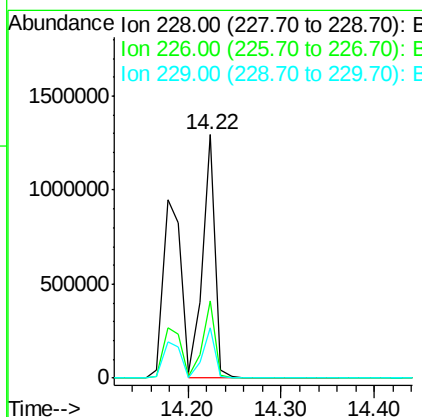
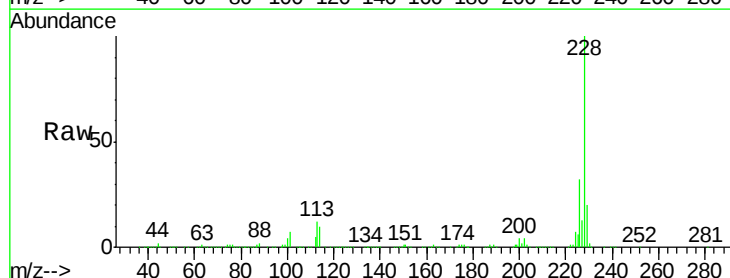
Instrument :
 BNA_F
 ClientSampleId :
 PB93778BS

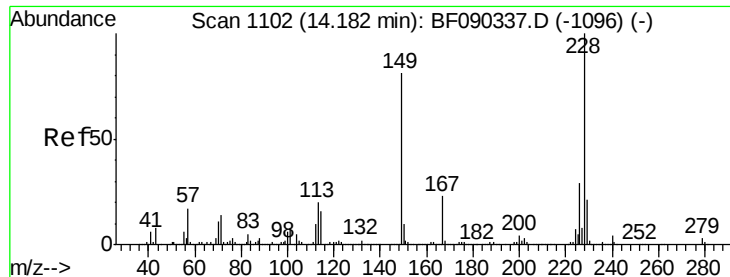
Tgt Ion:252 Resp: 264346
 Ion Ratio Lower Upper
 252 100
 254 65.1 52.1 78.1
 126 12.7 4.2 6.4#



#82
 Chrysene
 Concen: 47.04 ng
 RT: 14.22 min Scan# 1040
 Delta R.T. 0.01 min
 Lab File: BF090353.D
 Acq: 4 Oct 2016 20:28

Tgt Ion:228 Resp: 1209425
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.8 38.6
 229 20.4 16.9 25.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.41 ng

RT: 14.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampleId :

PB93778BS

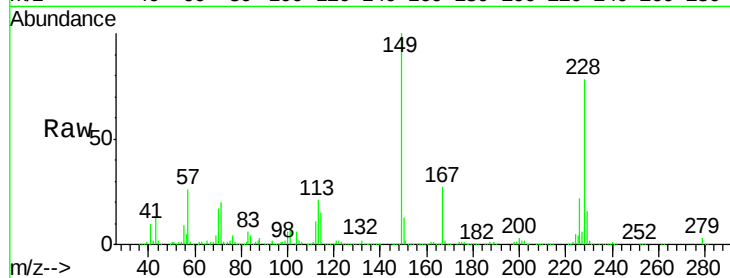
Tgt Ion:149 Resp: 1035221

Ion Ratio Lower Upper

149 100

167 26.9 21.5 32.3

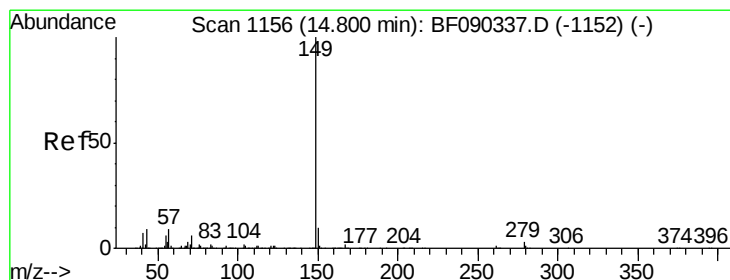
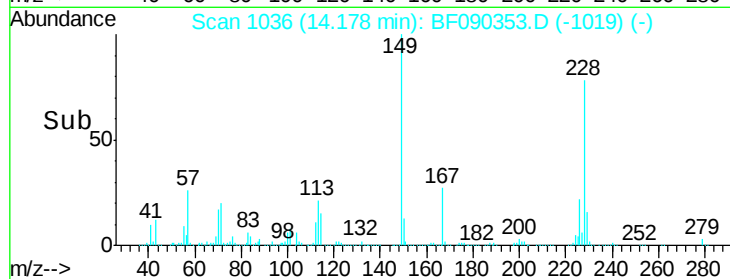
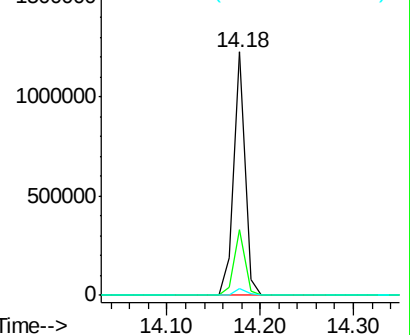
279 2.7 2.6 3.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 52.52 ng

RT: 14.80 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

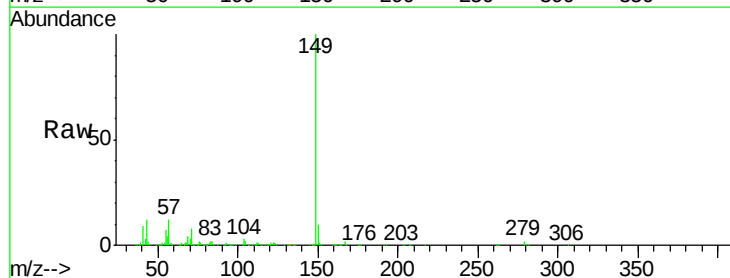
Tgt Ion:149 Resp: 1507364

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

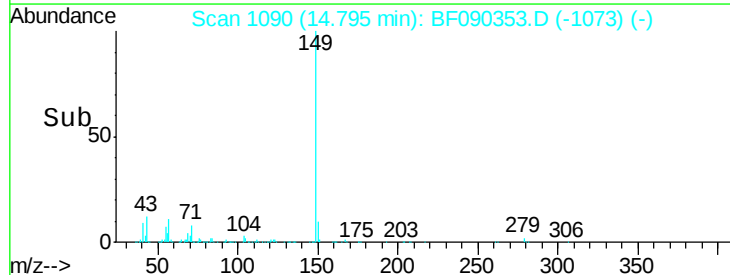
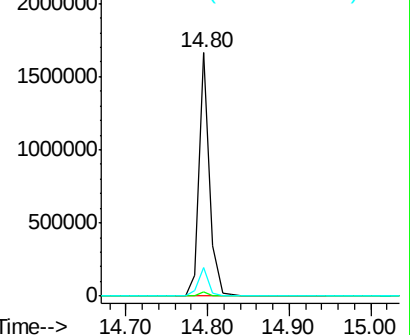
43 11.9 11.8 17.8

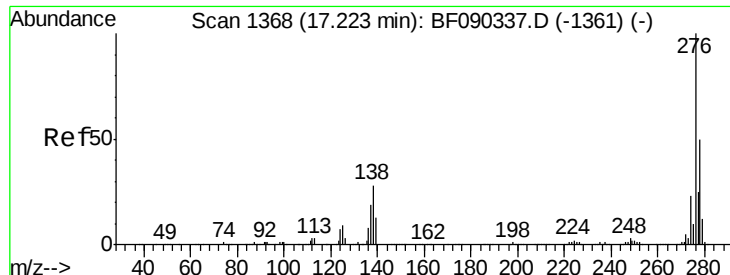


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.58 ng

RT: 17.22 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampleId :

PB93778BS

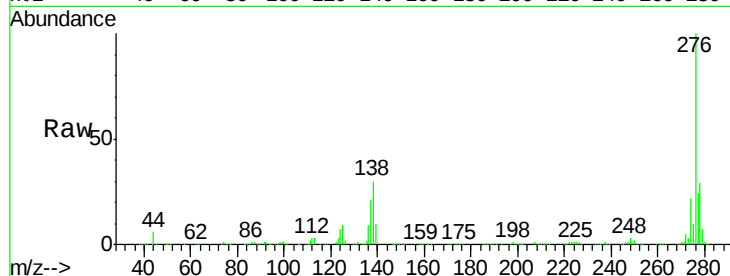
Tgt Ion:276 Resp: 1176513

Ion Ratio Lower Upper

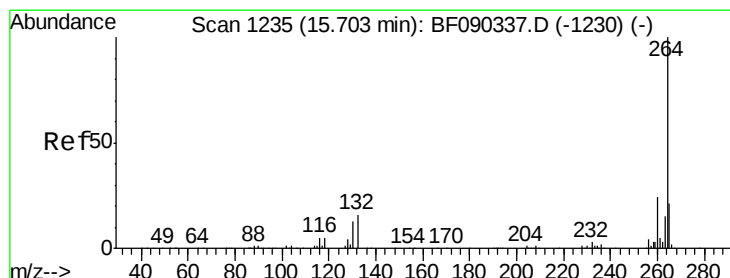
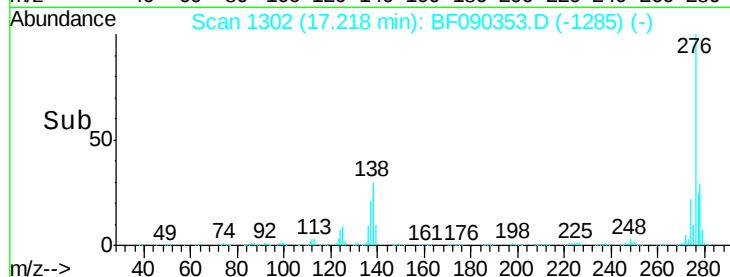
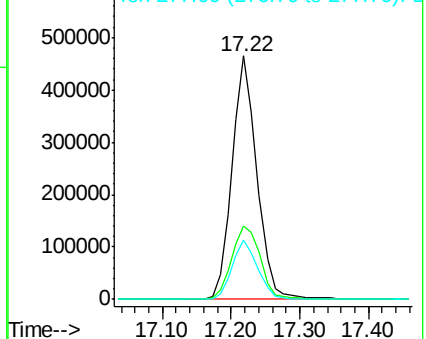
276 100

138 35.0 23.8 35.8

277 25.0 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# 1169

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

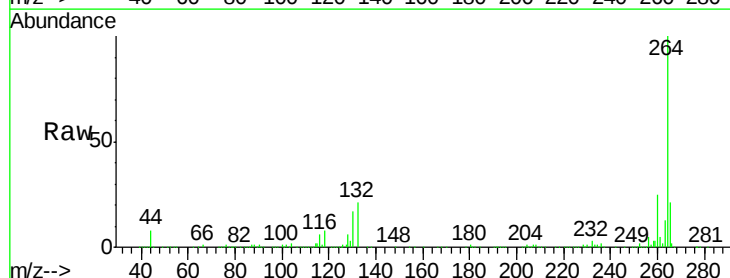
Tgt Ion:264 Resp: 421706

Ion Ratio Lower Upper

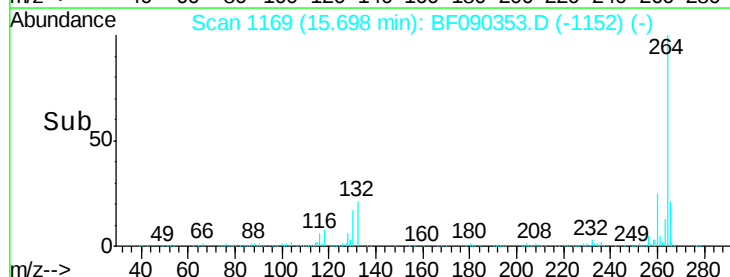
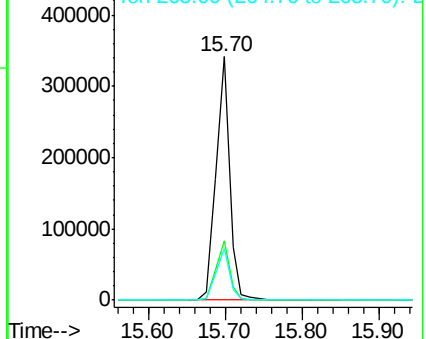
264 100

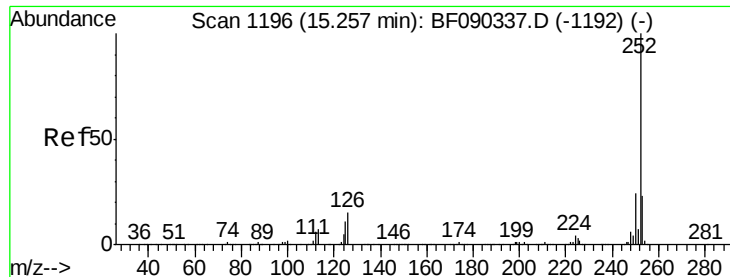
260 24.6 19.3 28.9

265 21.2 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

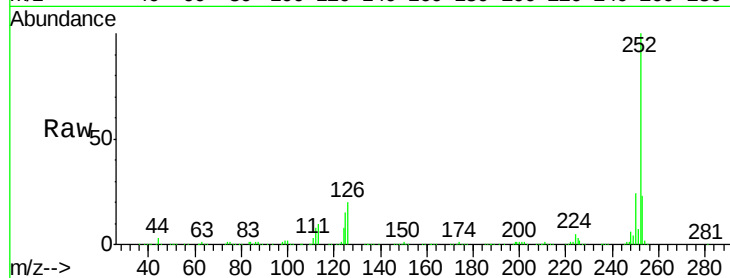




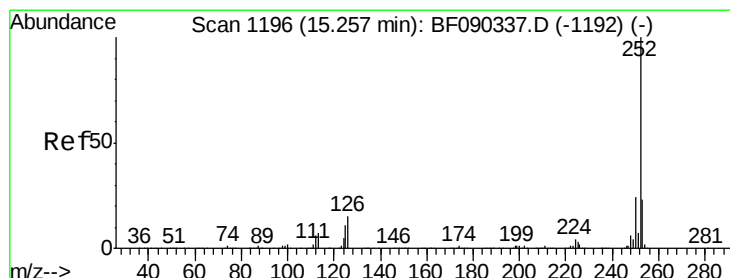
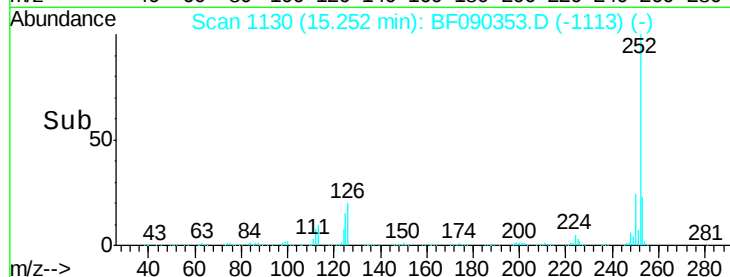
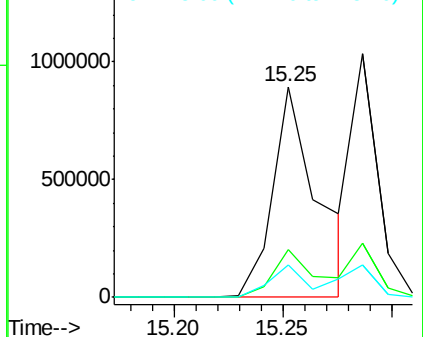
#87
Benzo(b)fluoranthene
Concen: 53.25 ng
RT: 15.25 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Instrument :
BNA_F
ClientSampleId :
PB93778BS

Tgt Ion:252 Resp: 1291479
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 15.3 7.0 10.4#

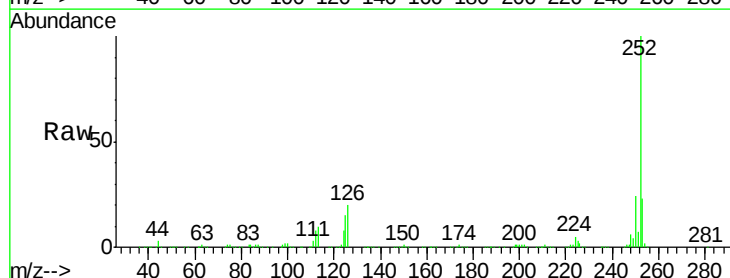


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

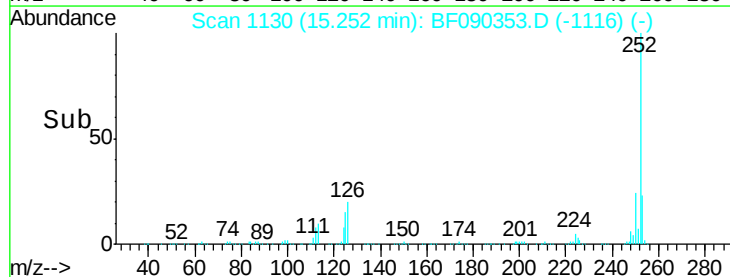
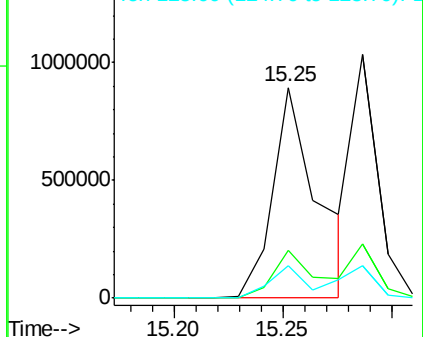


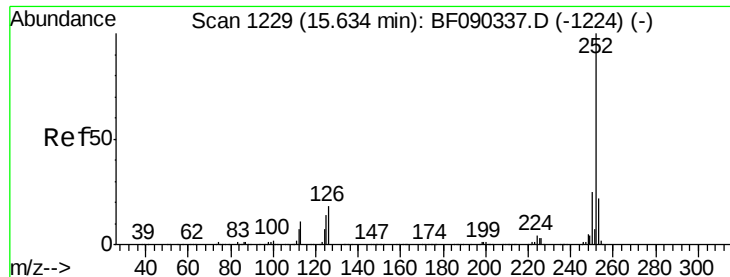
#88
Benzo(k)fluoranthene
Concen: 55.75 ng
RT: 15.25 min Scan# 1130
Delta R.T. -0.04 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Tgt Ion:252 Resp: 1291479
Ion Ratio Lower Upper
252 100
253 22.7 18.6 27.8
125 15.3 11.7 17.5



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





#89

Benzo(a)pyrene

Concen: 46.35 ng

RT: 15.63 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampleId :

PB93778BS

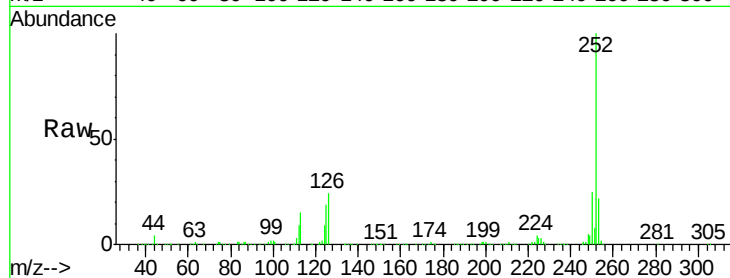
Tgt Ion:252 Resp: 1025169

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

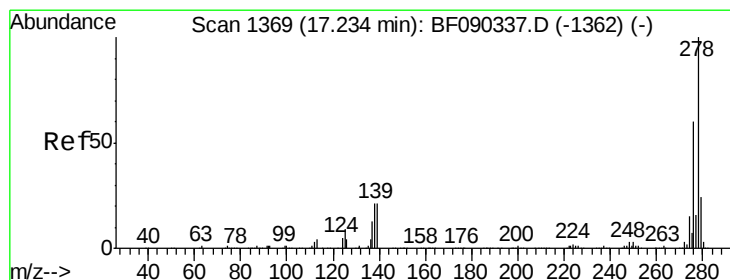
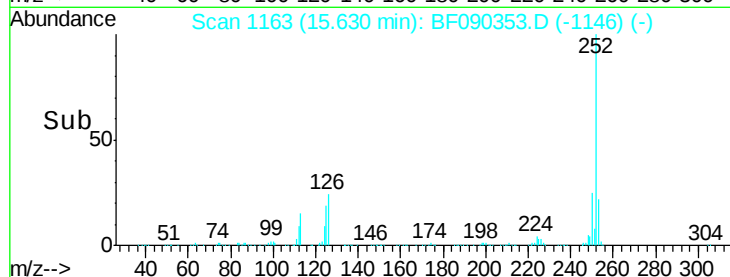
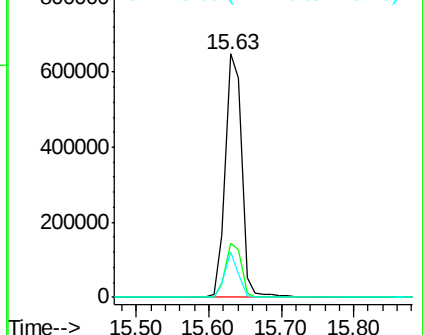
125 18.7 9.8 14.8#



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: 45.55 ng

RT: 17.24 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

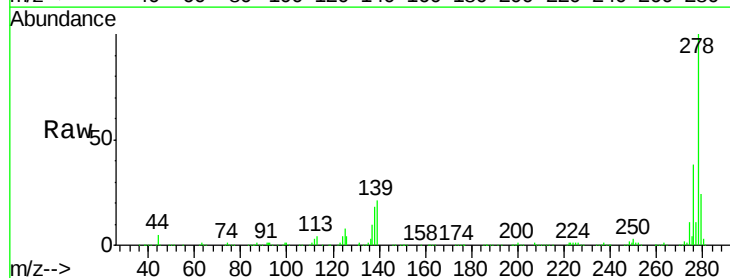
Tgt Ion:278 Resp: 988083

Ion Ratio Lower Upper

278 100

139 20.5 12.8 19.2#

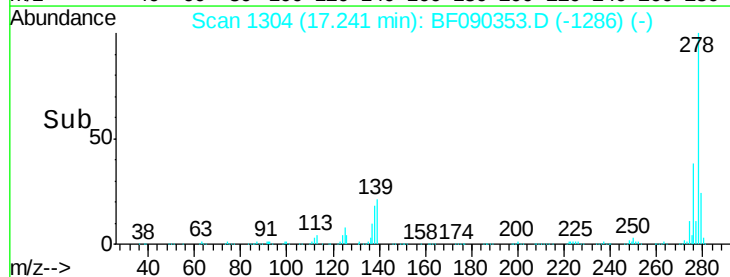
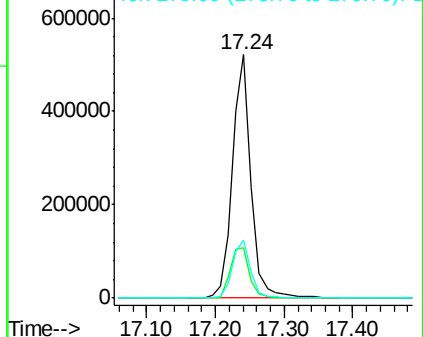
279 23.9 19.6 29.4

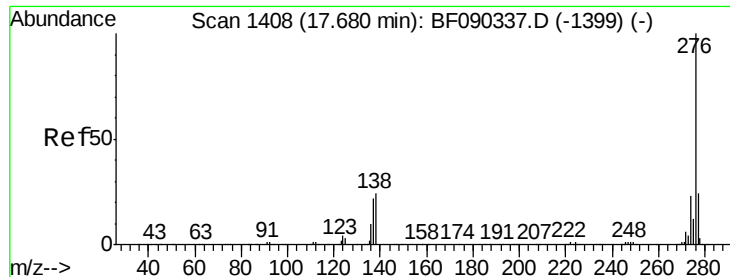


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 45.59 ng

RT: 17.68 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampleId :

PB93778BS

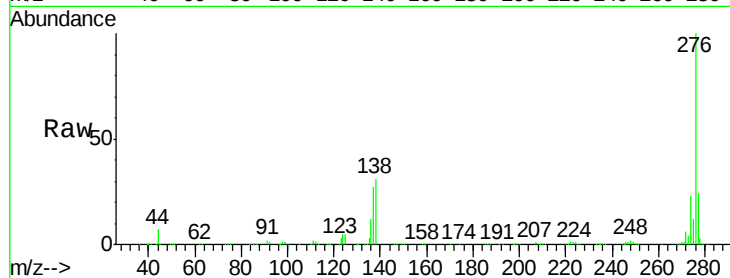
Tgt Ion: 276 Resp: 968546

Ion Ratio Lower Upper

276 100

277 24.1 19.4 29.0

138 31.1 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

