

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
 Data File : BF084353.D
 Acq On : 10 Jan 2016 9:45
 Operator : SJ/UM
 Sample : H1043-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1S(0-10)MS

Quant Time: Jan 11 03:40:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	238800	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1024813	20.00	ng	-0.05
38) Acenaphthene-d10	9.90	164	488810	20.00	ng	-0.05
63) Phenanthrene-d10	11.38	188	928952	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	669724	20.00	ng	-0.05
86) Perylene-d12	15.45	264	553805	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1982303	134.27	ng	-0.01
7) Phenol-d6	6.51	99	2649329	142.88	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1693293	91.96	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	628876	127.43	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	2743633	99.84	ng	-0.03
78) Terphenyl-d14	12.97	244	2433969	81.12	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.51	88	275014	39.32	ng	# 74
3) Pyridine	3.23	79	830265	42.58	ng	# 65
4) n-Nitrosodimethylamine	3.20	42	461492	46.11	ng	# 77
6) Aniline	6.52	93	644647	23.77	ng	# 33
8) 2-Chlorophenol	6.65	128	781188	46.64	ng	86
9) Benzaldehyde	6.40	77	215014	17.81	ng	93
10) Phenol	6.53	94	883108	41.89	ng	90
11) bis(2-Chloroethyl)ether	6.60	93	828683	50.74	ng	87
12) 1,3-Dichlorobenzene	6.80	146	795461	46.04	ng	# 94
13) 1,4-Dichlorobenzene	6.88	146	856490	49.43	ng	95
14) 1,2-Dichlorobenzene	7.02	146	715276	43.10	ng	95
15) Benzyl Alcohol	7.01	79	760358	48.75	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1268708	42.66	ng	96
17) 2-Methylphenol	7.13	107	646288	46.04	ng	# 90
18) Hexachloroethane	7.37	117	311205	44.91	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	597216	47.58	ng	# 83
20) 3+4-Methylphenols	7.29	107	863593	52.34	ng	89
22) Acetophenone	7.28	105	1181228	47.93	ng	# 95
24) Nitrobenzene	7.45	77	942284	50.45	ng	98
25) Isophorone	7.69	82	1644987	46.71	ng	99
26) 2-Nitrophenol	7.77	139	450600	53.01	ng	89
27) 2,4-Dimethylphenol	7.81	122	816928	47.48	ng	94
28) bis(2-Chloroethoxy)methane	7.90	93	1038552	48.28	ng	# 96
29) 2,4-Dichlorophenol	8.01	162	651834	45.48	ng	94
30) 1,2,4-Trichlorobenzene	8.09	180	725839	49.06	ng	96
31) Naphthalene	8.17	128	2198048	47.27	ng	98
32) Benzoic acid	7.90	122	98666	14.00	ng	93
33) 4-Chloroaniline	8.21	127	300758	14.11	ng	97
34) Hexachlorobutadiene	8.28	225	386153	45.40	ng	98
35) Caprolactam	8.60	113	243508m	50.40	ng	
36) 4-Chloro-3-methylphenol	8.72	107	813285	50.66	ng	95
37) 2-Methylnaphthalene	8.86	142	1555757	46.61	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	631691	44.95	ng	97
40) Hexachlorocyclopentadiene	9.01	237	625898	73.78	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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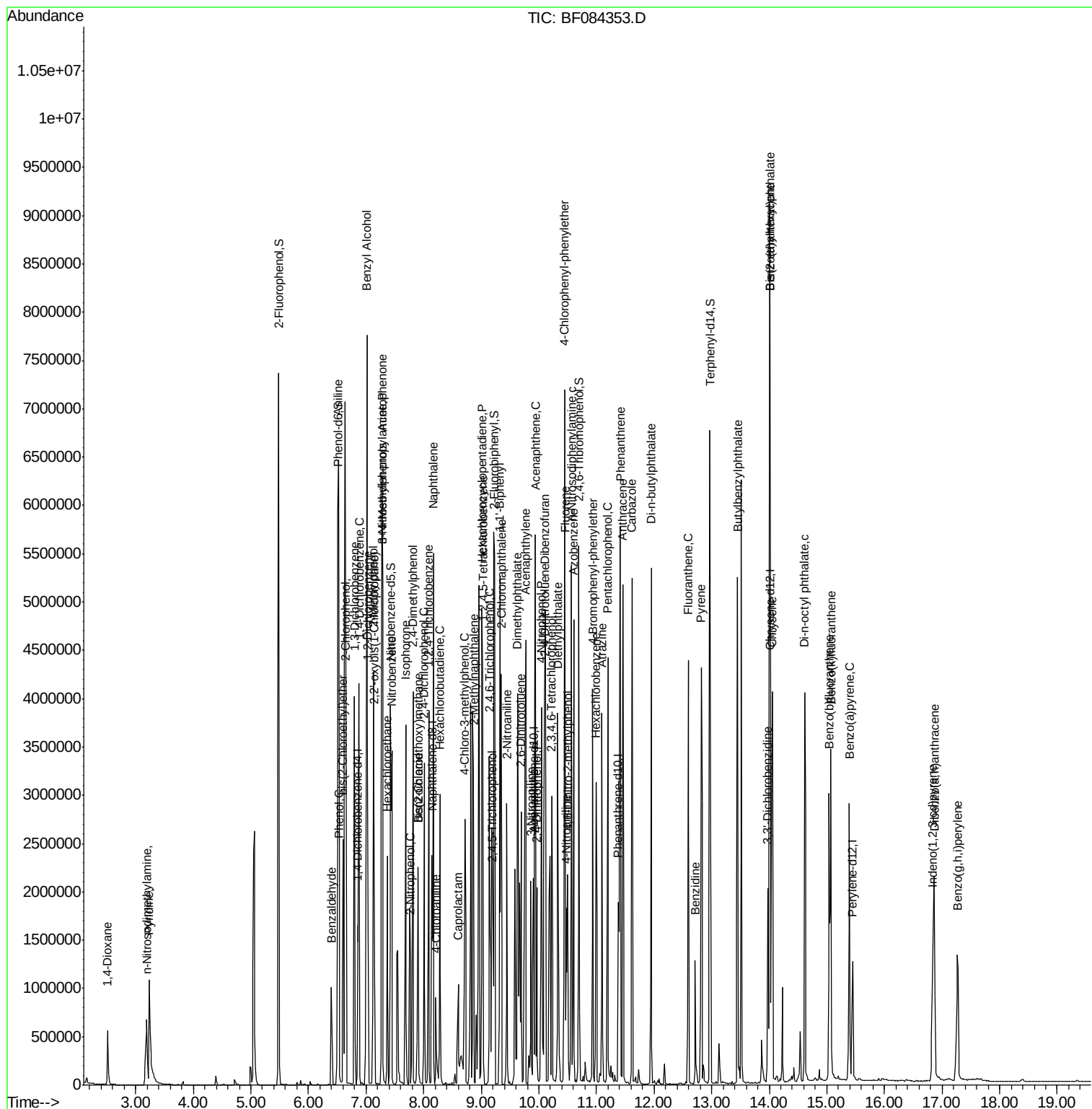
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	455764	43.35	nq	96
43) 2,4,5-Trichlorophenol	9.20	196	496200	49.23	nq	# 92
45) 1,1'-Biphenyl	9.32	154	1633676	42.05	nq	99
46) 2-Chloronaphthalene	9.34	162	1332784	43.68	nq	96
47) 2-Nitroaniline	9.45	65	510089	50.65	nq	96
48) Acenaphthylene	9.77	152	2280702	50.59	nq	96
49) Dimethylphthalate	9.63	163	2000582	57.25	nq	# 89
50) 2,6-Dinitrotoluene	9.69	165	371364	48.45	nq	# 39
51) Acenaphthene	9.94	154	1616290	53.45	nq	98
52) 3-Nitroaniline	9.86	138	284541	29.96	nq	97
53) 2,4-Dinitrophenol	9.96	184	209274	64.81	nq	# 74
54) Dibenzofuran	10.11	168	1985419	51.09	nq	92
55) 4-Nitrophenol	10.04	139	515813	74.82	nq	# 75
56) 2,4-Dinitrotoluene	10.10	165	570020	58.76	nq	# 85
57) Fluorene	10.45	166	1614631	53.78	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	400401	46.53	nq	91
59) Diethylphthalate	10.33	149	1649918	47.89	nq	99
60) 4-Chlorophenyl-phenylether	10.44	204	652820	52.38	nq	93
61) 4-Nitroaniline	10.48	138	428189	50.58	nq	96
62) Azobenzene	10.60	77	1832208	48.48	nq	90
64) 4,6-Dinitro-2-methylphenol	10.50	198	221700	39.07	nq	# 60
65) n-Nitrosodiphenylamine	10.57	169	1431135	48.18	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	476278	47.63	nq	# 86
67) Hexachlorobenzene	10.99	284	505971	44.96	nq	# 74
68) Atrazine	11.09	200	424804	43.71	nq	98
69) Pentachlorophenol	11.20	266	514447	88.16	nq	98
70) Phenanthrene	11.41	178	2412700	49.65	nq	95
71) Anthracene	11.46	178	2106633	44.23	nq	97
72) Carbazole	11.62	167	1985901	42.65	nq	97
73) Di-n-butylphthalate	11.95	149	2353269	48.49	nq	# 95
74) Fluoranthene	12.59	202	2365611	46.60	nq	98
76) Benzidine	12.72	184	468868	19.53	nq	98
77) Pyrene	12.82	202	2401081	45.69	nq	98
79) Butylbenzylphthalate	13.45	149	1146165	50.40	nq	94
80) Benzo(a)anthracene	14.01	228	1774876	45.13	nq	97
81) 3,3'-Dichlorobenzidine	13.97	252	412721	30.07	nq	# 93
82) Chrysene	14.05	228	1906569	50.45	nq	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	1397722	48.65	nq	# 97
84) Di-n-octyl phthalate	14.61	149	2378517	49.03	nq	# 88
85) Indeno(1,2,3-cd)pyrene	16.84	276	1445445	48.26	nq	100
87) Benzo(b)fluoranthene	15.04	252	2007030m	55.40	nq	
88) Benzo(k)fluoranthene	15.07	252	1124995m	37.97	nq	
89) Benzo(a)pyrene	15.39	252	1442111	46.93	nq	# 97
90) Dibenzo(a,h)anthracene	16.87	278	1185114	44.82	nq	97
91) Benzo(g,h,i)perylene	17.27	276	1206228	44.05	nq	99

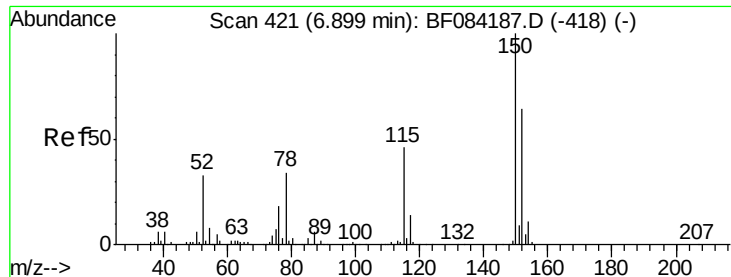
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

Instrument :

BNA_F

ClientSampleId :

SB-1S(0-10)MS

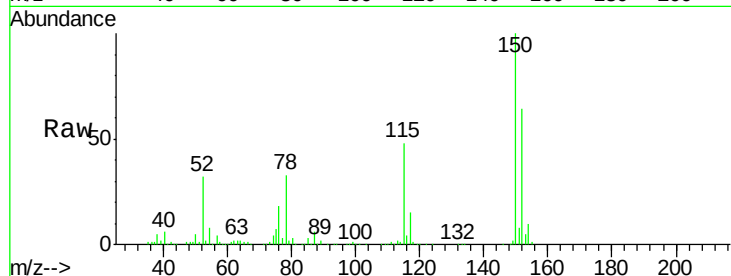
Tot Ion:152 Resp: 238800

Ion Ratio Lower Upper

152 100

150 156.5 123.0 184.4

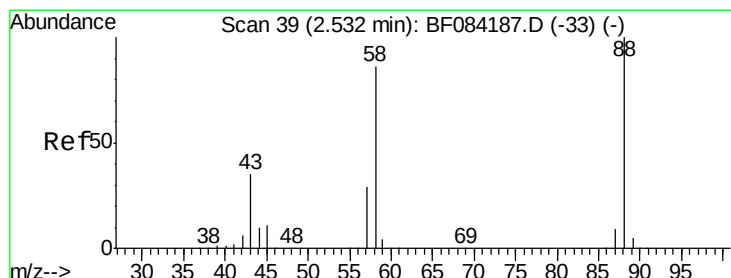
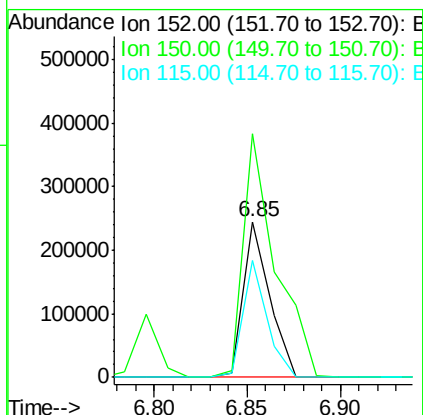
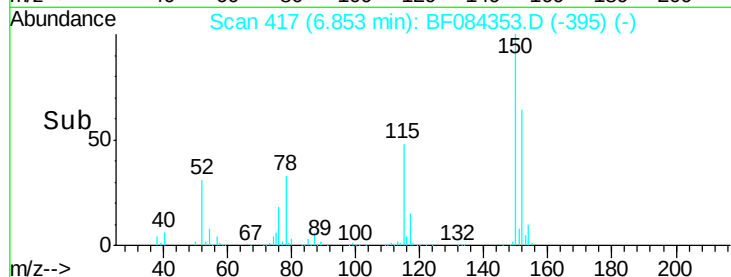
115 75.2 51.4 77.2



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: 39.32 ng

RT: 2.51 min Scan# 37

Delta R.T. -0.02 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

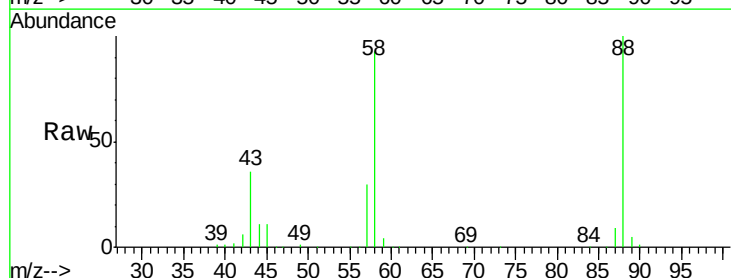
Tgt Ion: 88 Resp: 275014

Ion Ratio Lower Upper

88 100

58 86.8 51.2 76.8#

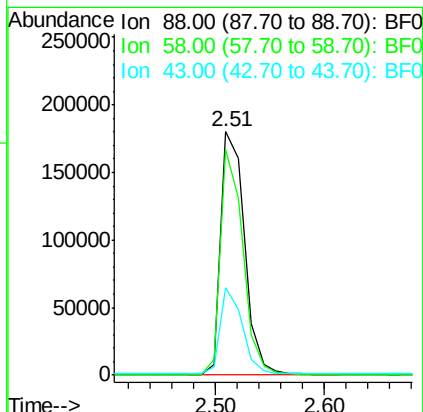
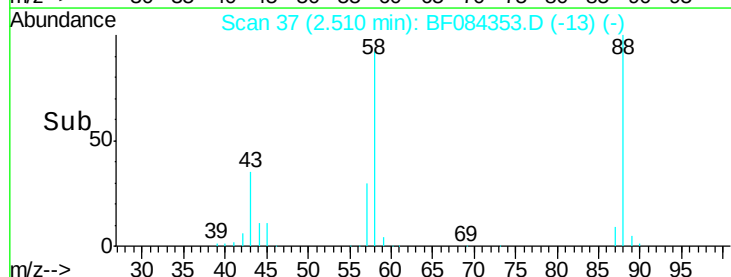
43 32.9 19.5 29.3#

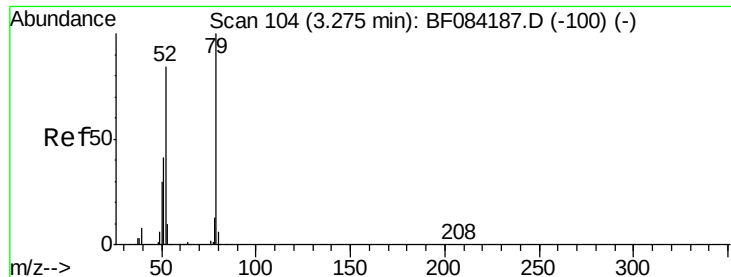


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.58 ng

RT: 3.23 min Scan# 100

Delta R.T. -0.05 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

Instrument :

BNA_F

ClientSampleId :

SB-1S(0-10)MS

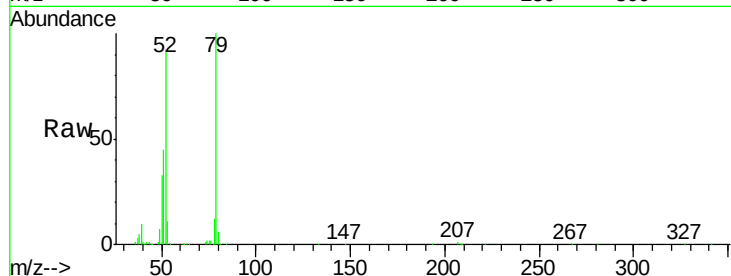
Tot Ion: 79 Resp: 830265

Ion Ratio Lower Upper

79 100

52 92.3 49.0 73.4#

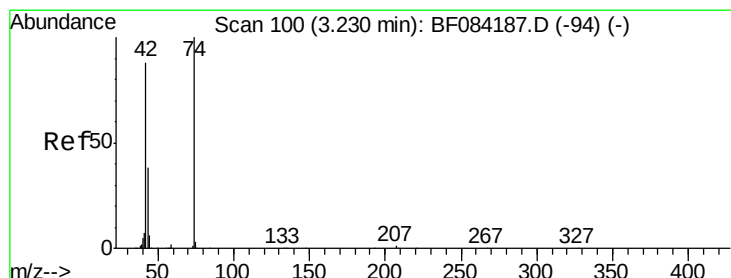
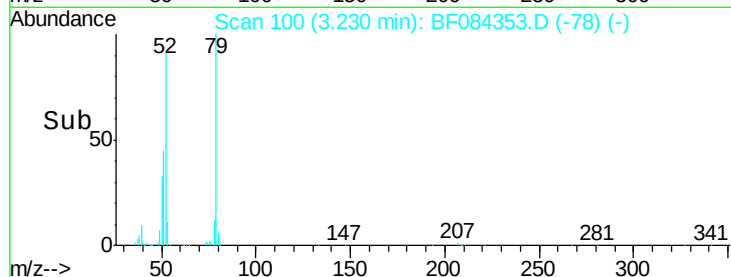
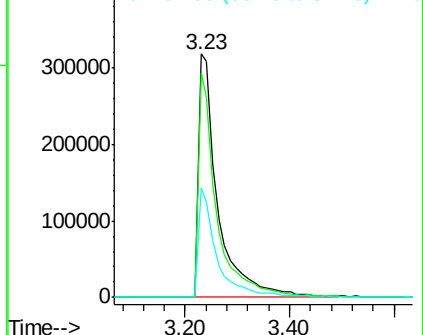
51 45.1 25.2 37.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 46.11 ng

RT: 3.20 min Scan# 97

Delta R.T. -0.03 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

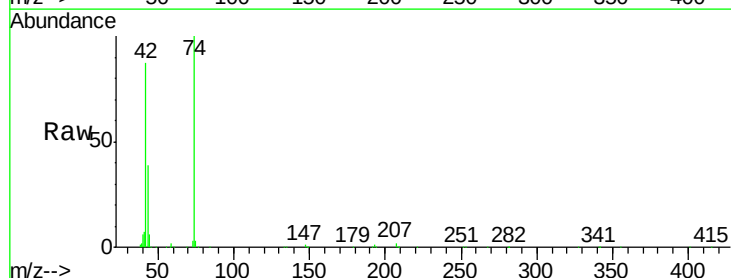
Tgt Ion: 42 Resp: 461492

Ion Ratio Lower Upper

42 100

74 114.9 115.7 173.5#

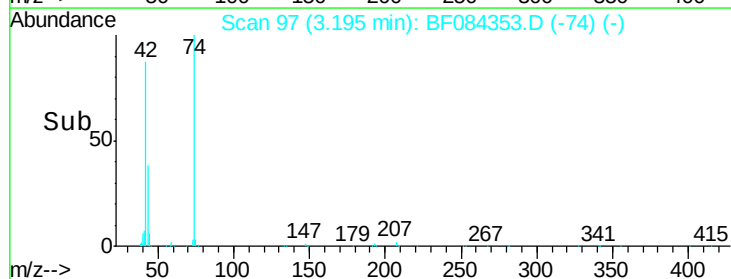
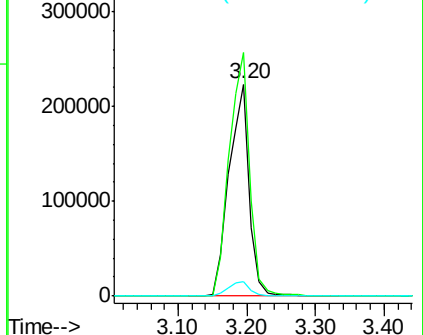
44 7.0 5.1 7.7

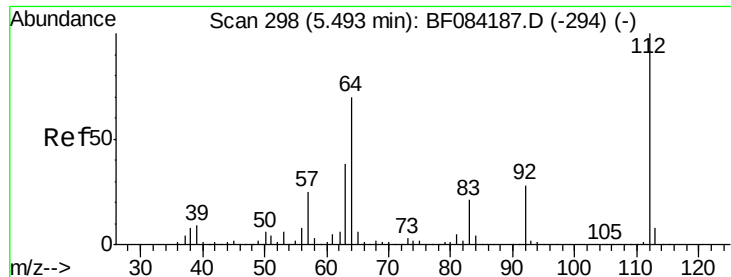


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 134.27 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

Instrument :

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ClientSampleId :

SB-1S(0-10)MS

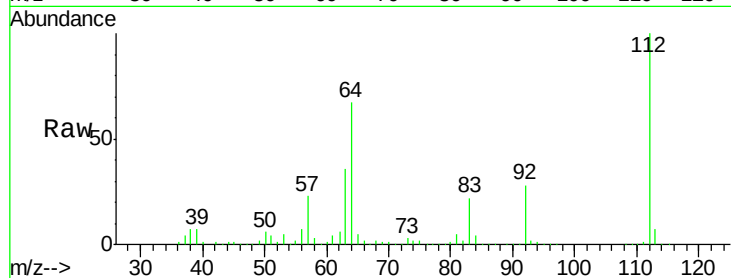
Tot Ion:112 Resp: 1982303

Ion Ratio Lower Upper

112 100

64 66.5 36.6 55.0#

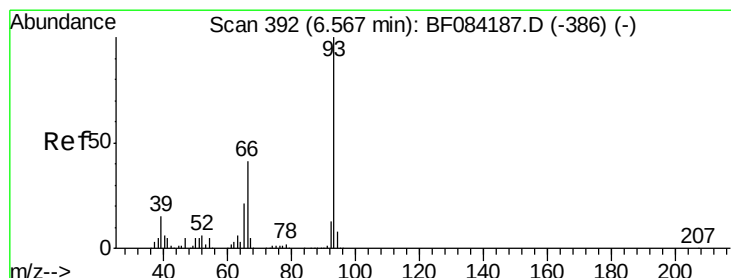
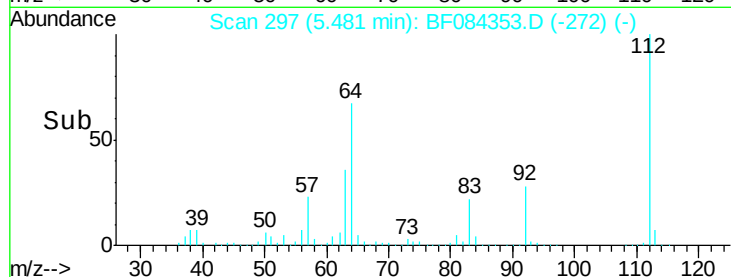
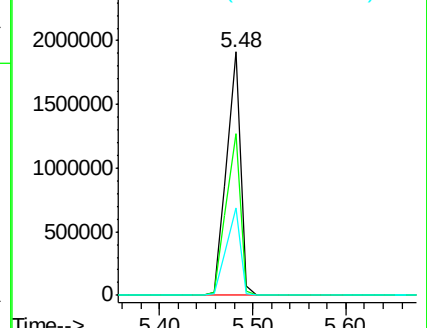
63 36.0 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.77 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.05 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

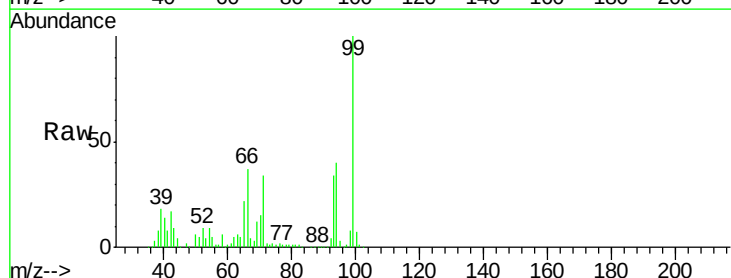
Tgt Ion: 93 Resp: 644647

Ion Ratio Lower Upper

93 100

66 106.3 44.9 67.3#

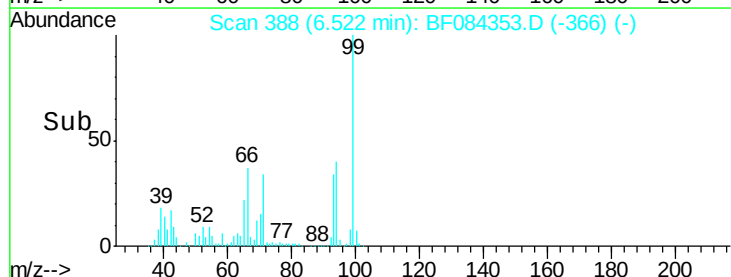
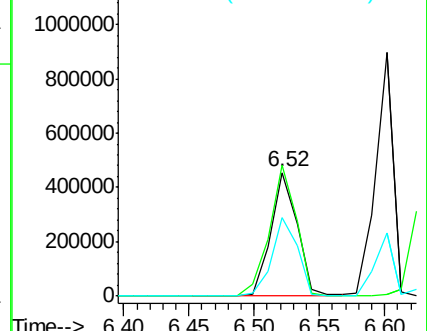
65 63.5 23.7 35.5#

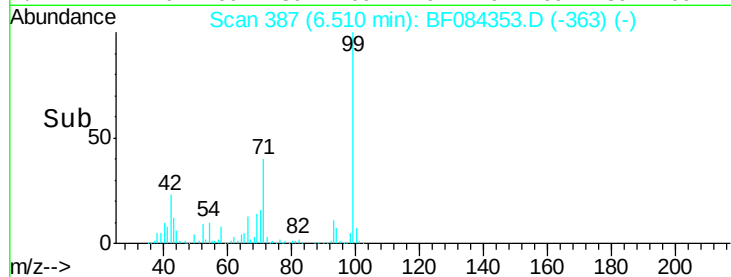
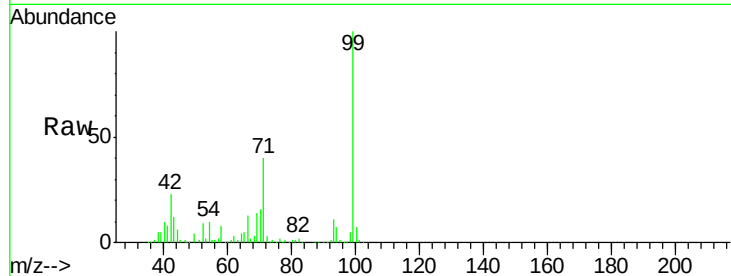
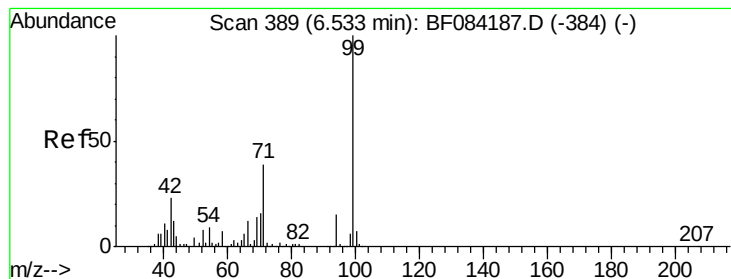


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 142.88 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084353.D

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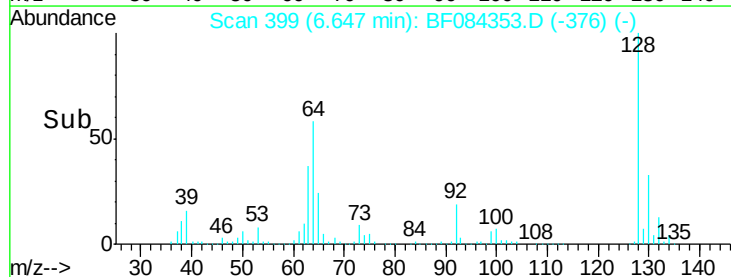
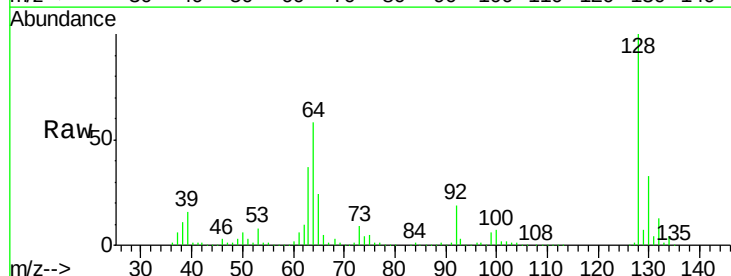
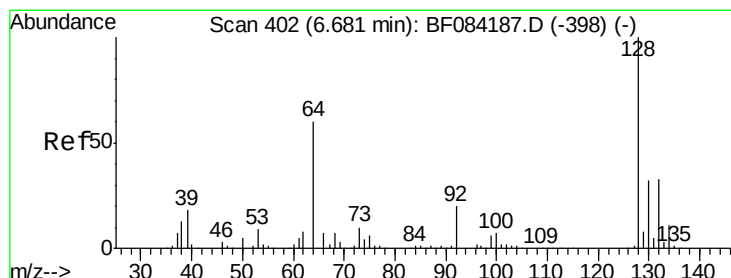
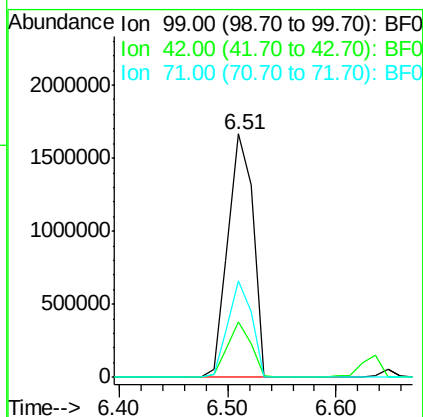
Tot Ion: 99 Resp: 2649329

Ion Ratio Lower Upper

99 100

42 22.8 12.8 19.2#

71 39.7 30.9 46.3



#8

2-Chlorophenol

Concen: 46.64 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.03 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

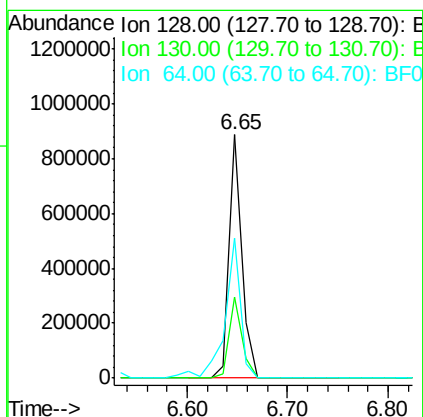
Tgt Ion:128 Resp: 781188

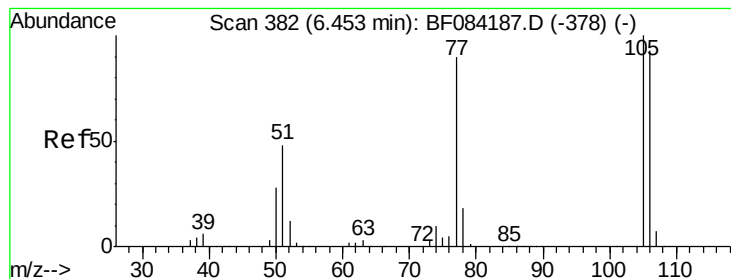
Ion Ratio Lower Upper

128 100

130 33.5 11.6 51.6

64 57.7 23.8 63.8





#9

Benzaldehyde

Concen: 17.81 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.06 min

Lab File: BF084353.D

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ClientSampleId :

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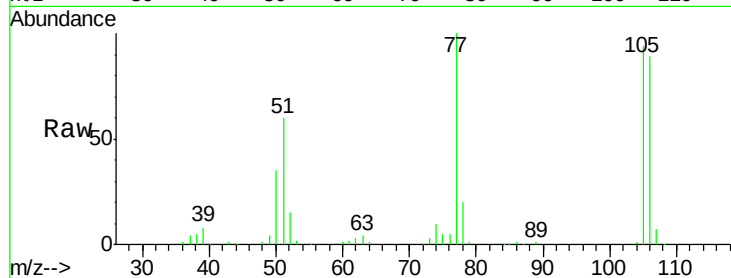
Tot Ion: 77 Resp: 215014

Ion Ratio Lower Upper

77 100

105 94.2 83.0 123.0

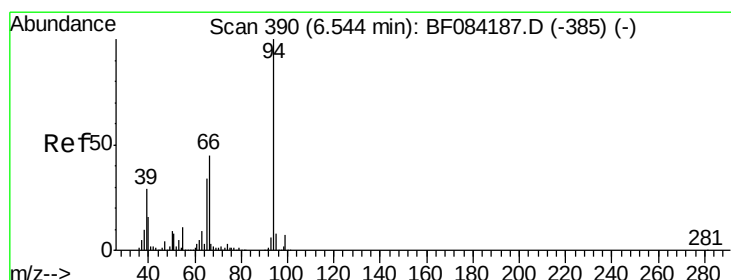
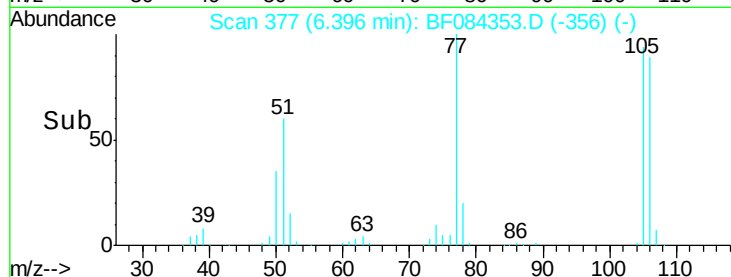
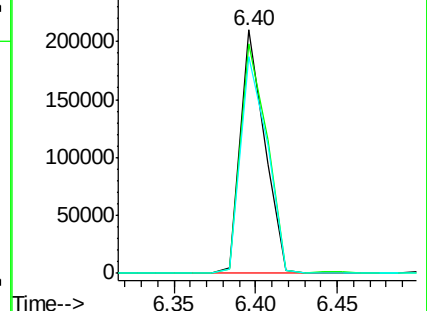
106 89.2 74.6 114.6



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: 41.89 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

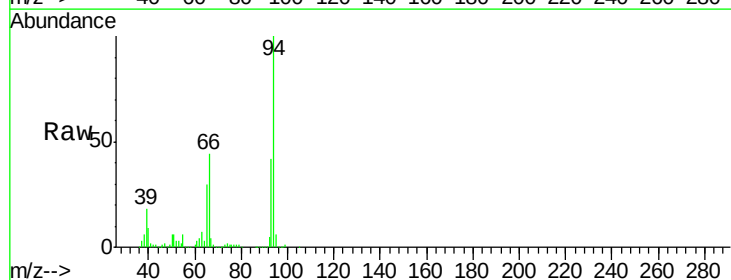
Tgt Ion: 94 Resp: 883108

Ion Ratio Lower Upper

94 100

65 29.6 12.9 52.9

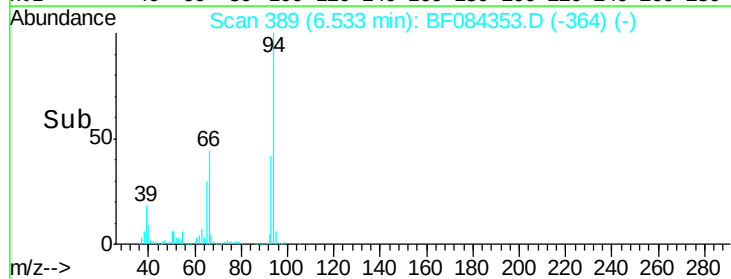
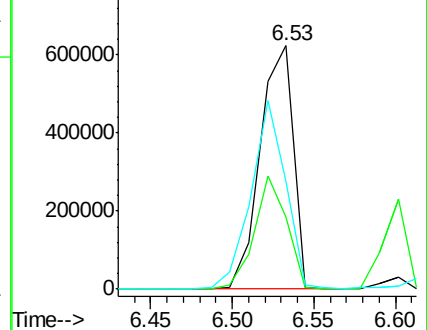
66 44.3 32.7 72.7

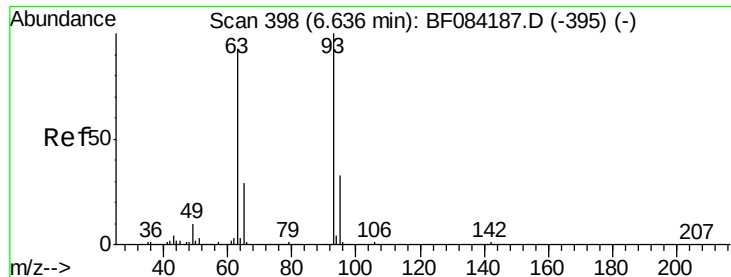


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 50.74 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.03 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

Instrument :

BNA_F

ClientSampleId :

SB-1S(0-10)MS

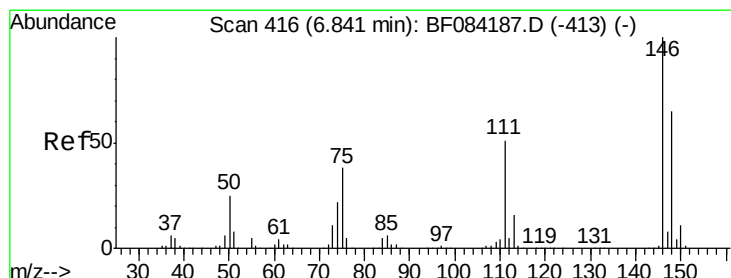
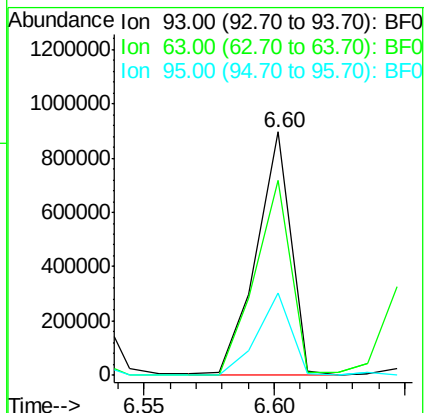
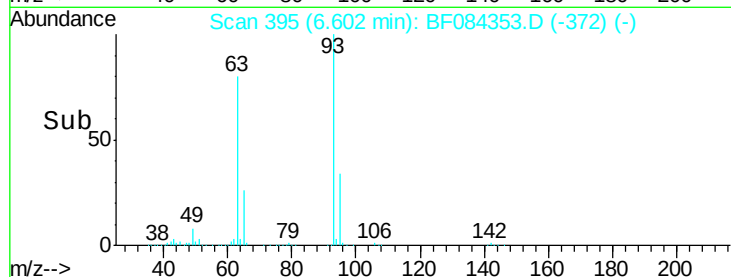
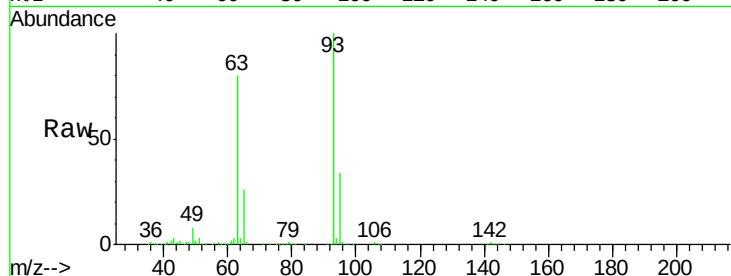
Tot Ion: 93 Resp: 828683

Ion Ratio Lower Upper

93 100

63 80.2 45.9 85.9

95 33.7 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 46.04 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.05 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

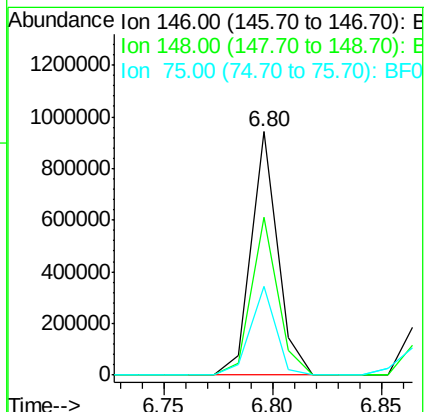
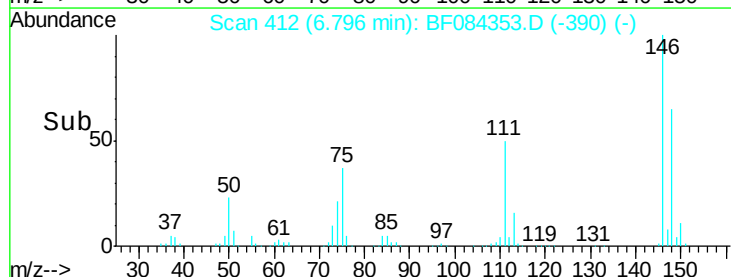
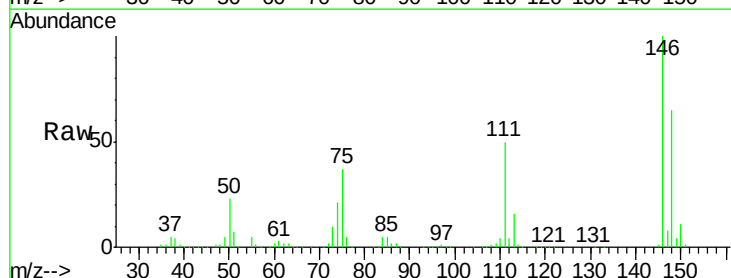
Tgt Ion: 146 Resp: 795461

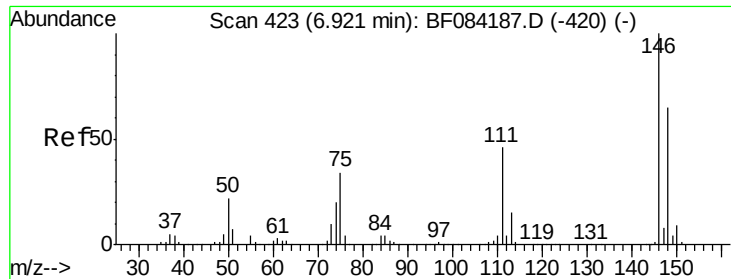
Ion Ratio Lower Upper

146 100

148 64.7 51.9 77.9

75 36.7 20.5 30.7#

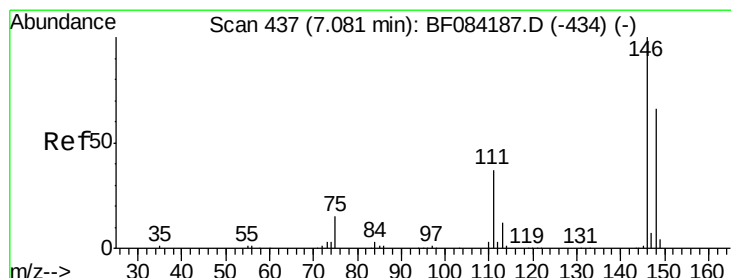
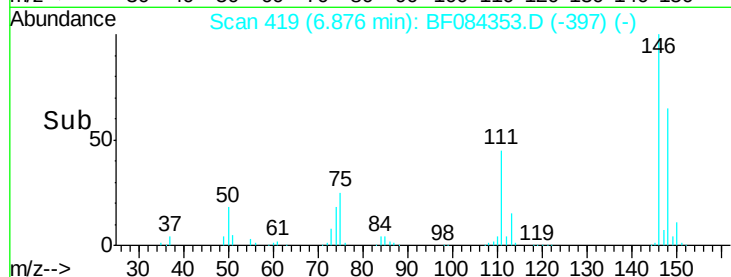
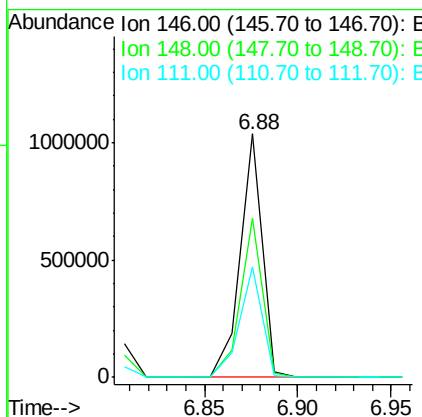
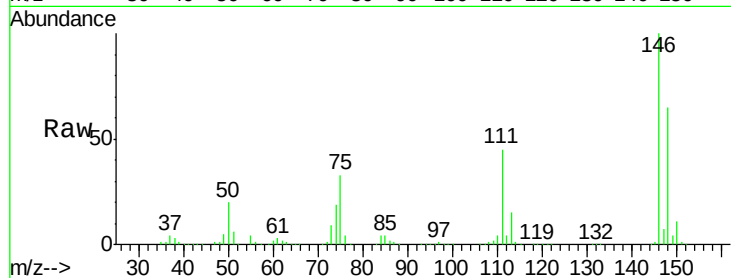




#13
 1,4-Dichlorobenzene
 Concen: 49.43 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.05 min
 Lab File: BF084353.D
 Acq: 10 Jan 2016 9:45

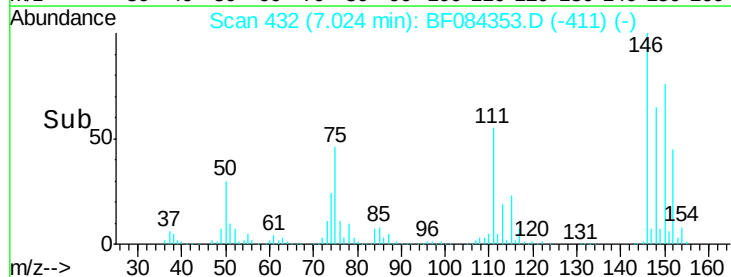
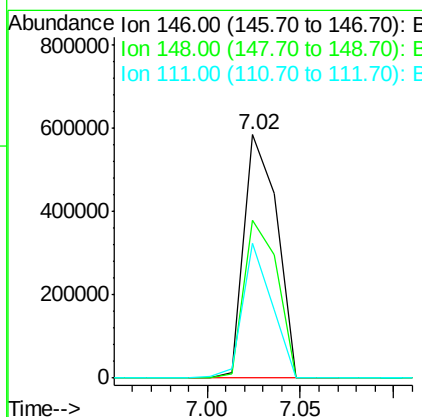
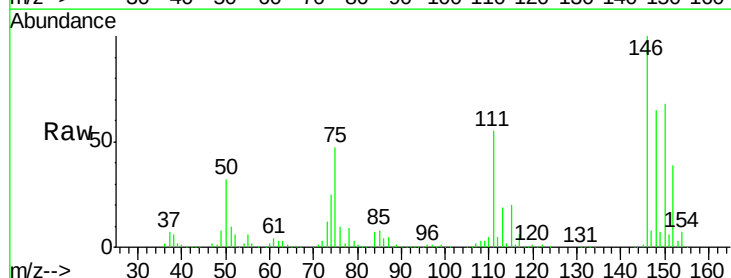
Instrument :
 BNA_F
 ClientSampleId :
 SB-1S(0-10)MS

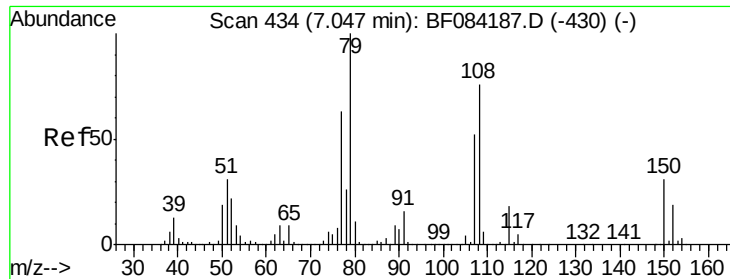
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.9	77.9
111	45.1	41.6	62.4



#14
 1,2-Dichlorobenzene
 Concen: 43.10 ng
 RT: 7.02 min Scan# 432
 Delta R.T. -0.06 min
 Lab File: BF084353.D
 Acq: 10 Jan 2016 9:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.6	77.4
111	55.4	38.0	57.0





#15

Benzyl Alcohol

Concen: 48.75 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.03 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

Instrument :

BNA_F

ClientSampleId :

SB-1S(0-10)MS

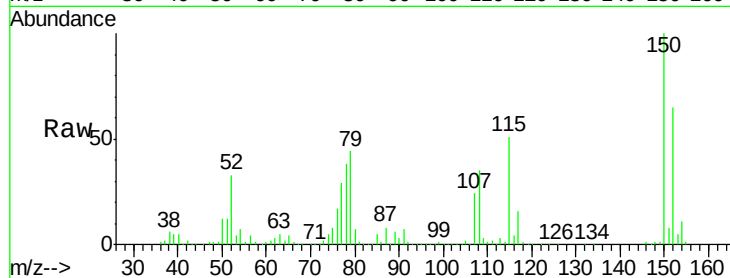
Tot Ion: 79 Resp: 760358

Ion Ratio Lower Upper

79 100

108 79.3 69.0 103.4

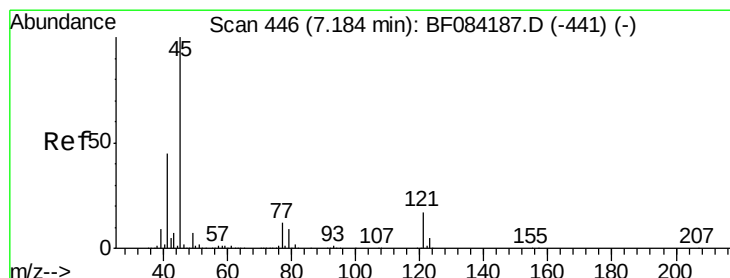
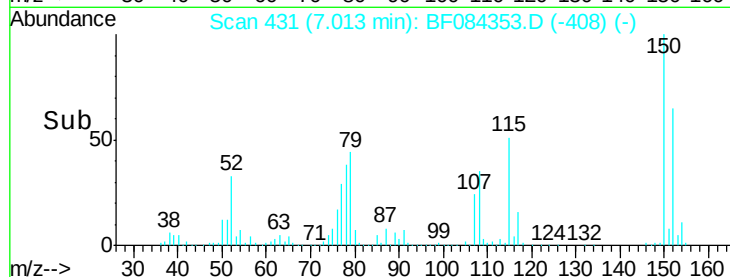
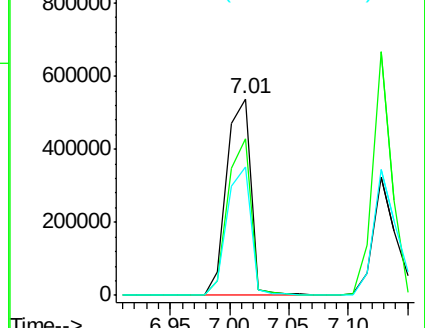
77 65.2 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.66 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.05 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

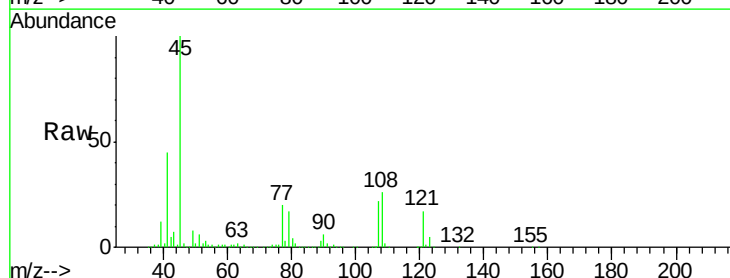
Tgt Ion: 45 Resp: 1268708

Ion Ratio Lower Upper

45 100

77 20.4 0.0 39.6

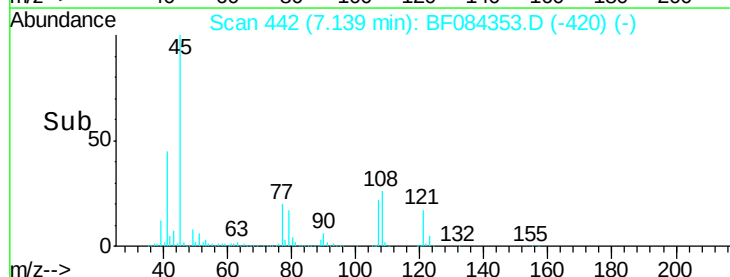
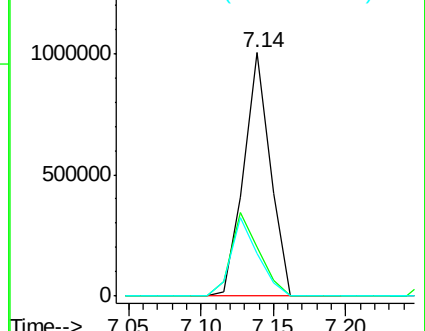
79 17.5 0.0 35.0

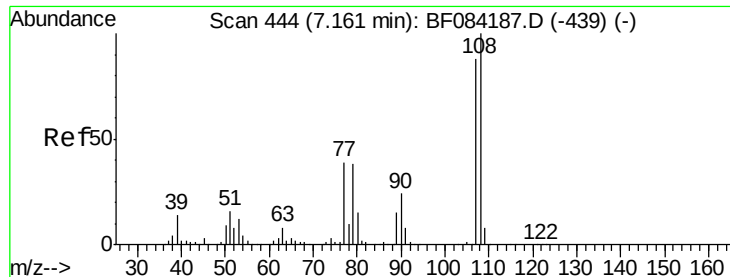


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 46.04 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.03 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

Instrument :

BNA_F

ClientSampleId :

SB-1S(0-10)MS

Tot Ion:107 Resp: 646288

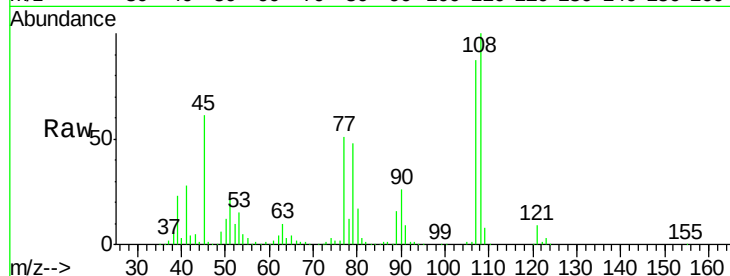
Ion Ratio Lower Upper

107 100

108 114.8 89.8 134.6

77 59.0 35.7 53.5#

79 55.4 35.7 53.5#

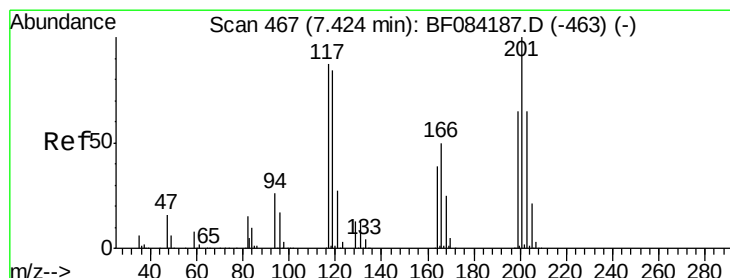
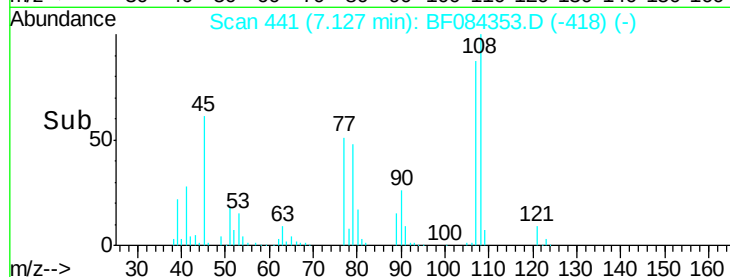
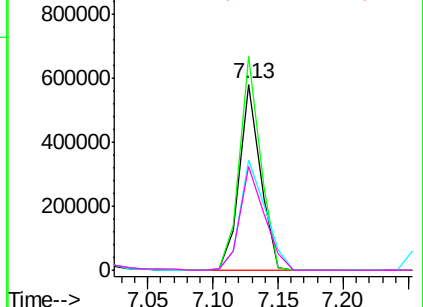


Abundance Ion 107.00 (106.70 to 107.70): E

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: 44.91 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.06 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

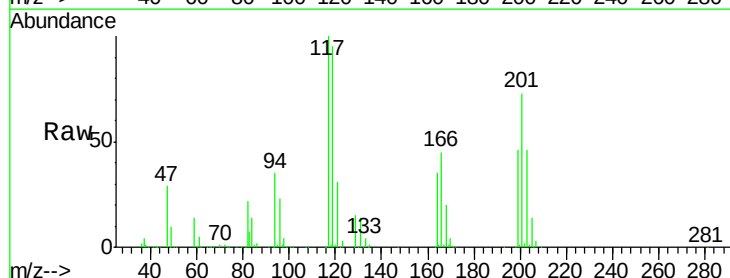
Tgt Ion:117 Resp: 311205

Ion Ratio Lower Upper

117 100

119 94.5 77.4 116.0

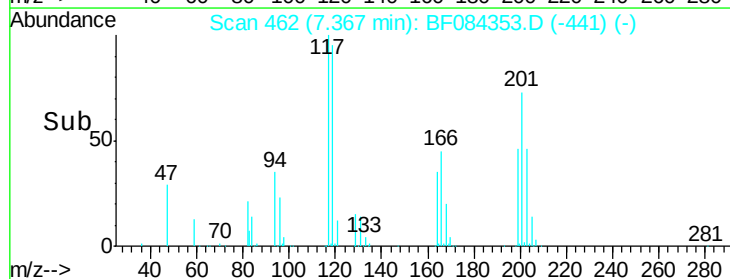
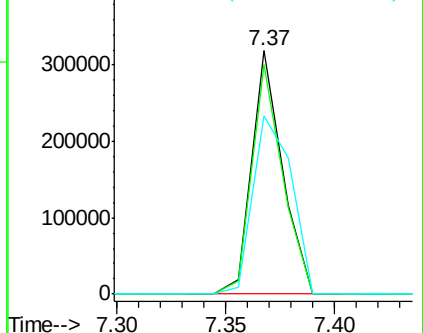
201 73.0 68.6 103.0

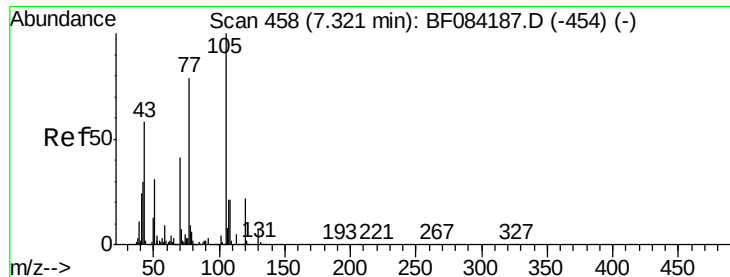


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

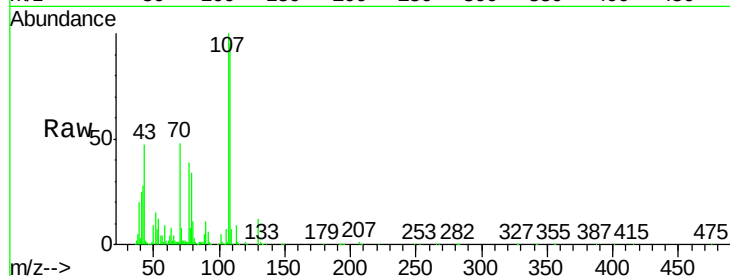




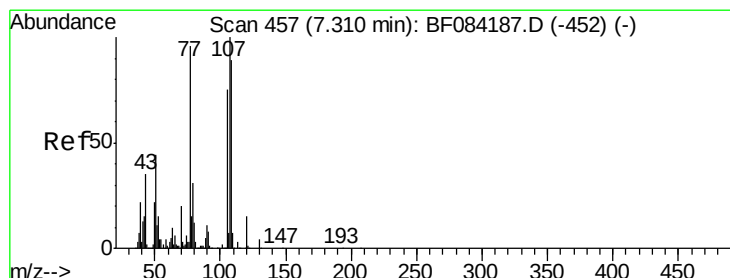
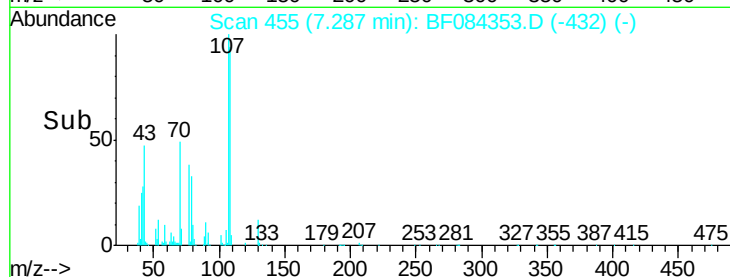
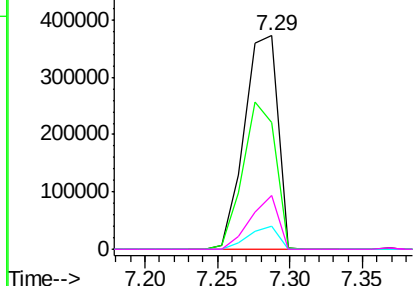
#19
n-Nitroso-di-n-propylamine
Concen: 47.58 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.03 min
Lab File: BF084353.D
Acq: 10 Jan 2016 9:45

Instrument :
BNA_F
ClientSampleId :
SB-1S(0-10)MS

Tot Ion: 70 Resp: 597216
Ion Ratio Lower Upper
70 100
42 59.1 33.3 49.9#
101 11.0 9.3 13.9
130 24.9 23.4 35.0



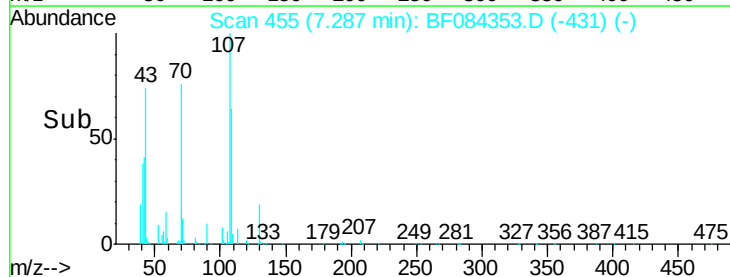
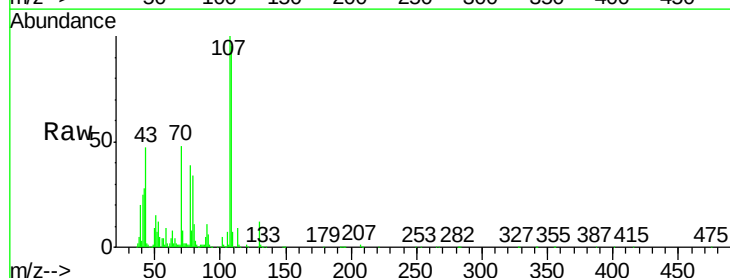
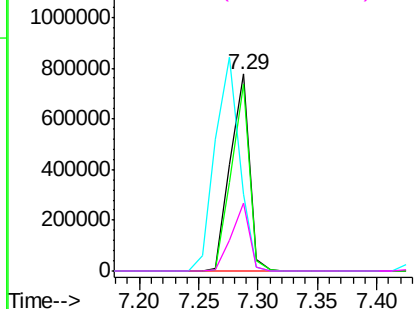
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

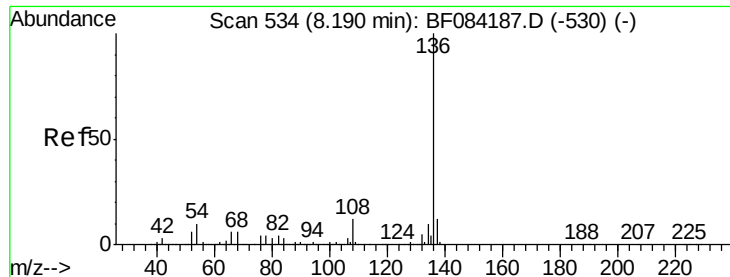


#20
3+4-Methylphenols
Concen: 52.34 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF084353.D
Acq: 10 Jan 2016 9:45

Tgt Ion: 107 Resp: 863593
Ion Ratio Lower Upper
107 100
108 94.9 74.6 114.6
77 39.2 0.7 40.7
79 34.2 0.0 39.0

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

Instrument :

BNA_F

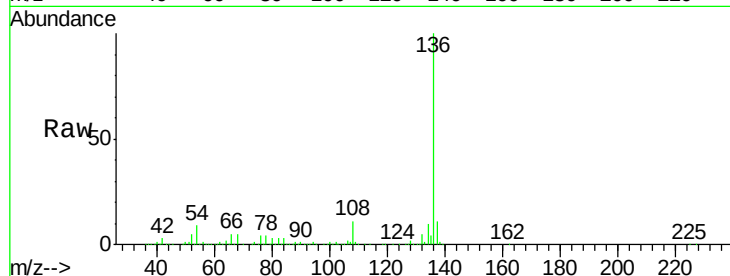
ClientSampleId :

SB-1S(0-10)MS

Tot Ion:136 Resp: 1024813

Ion Ratio Lower Upper

136	100		
137	11.4	8.7	13.1
54	9.4	5.8	8.8#
68	5.4	4.2	6.2

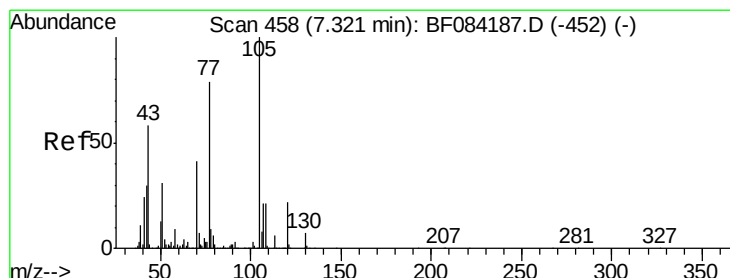
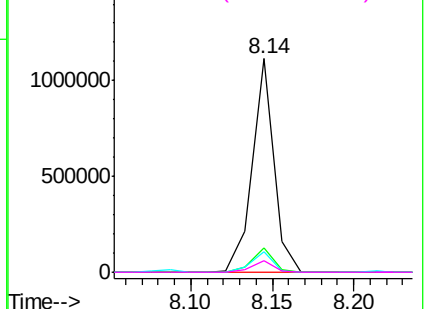
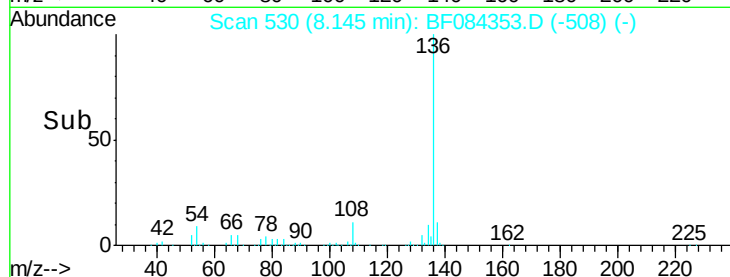


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 47.93 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.05 min

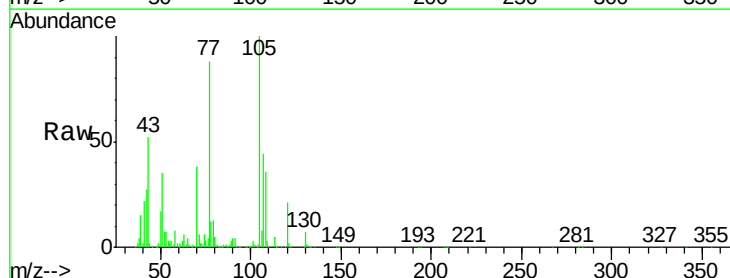
Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

Tgt Ion:105 Resp: 1181228

Ion Ratio Lower Upper

105	100		
71	6.3	3.7	5.5#
51	35.4	25.1	37.7
120	21.4	16.6	25.0

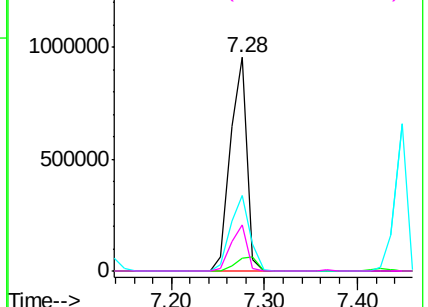
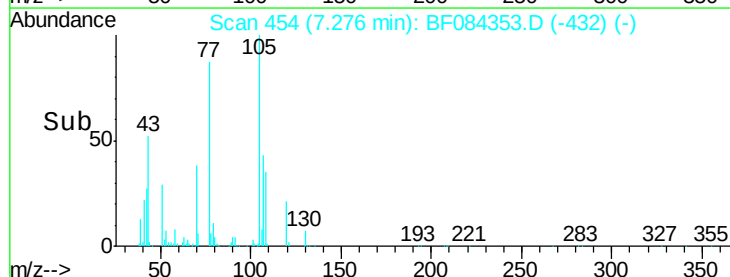


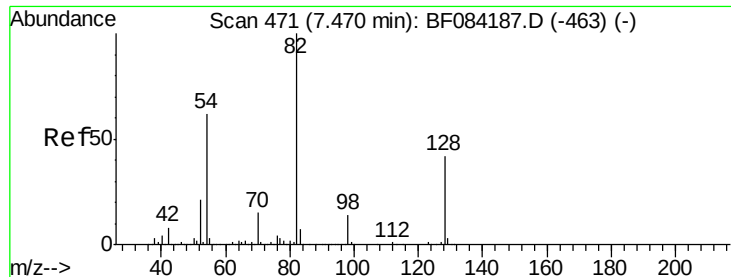
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

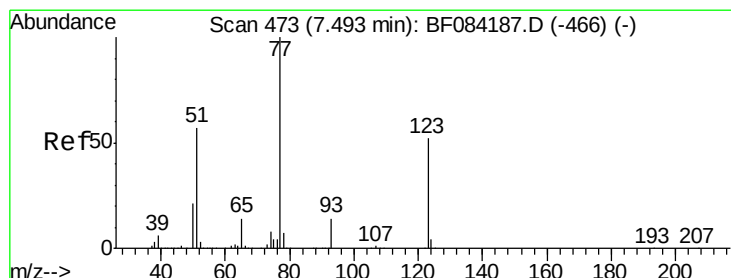
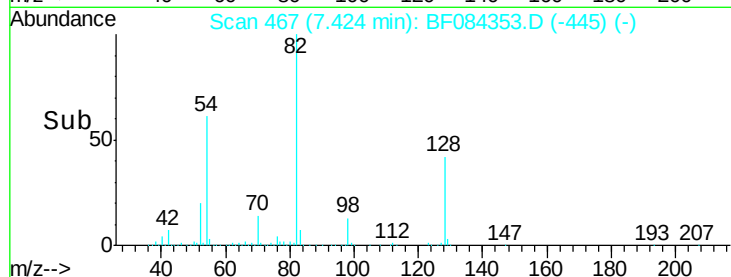
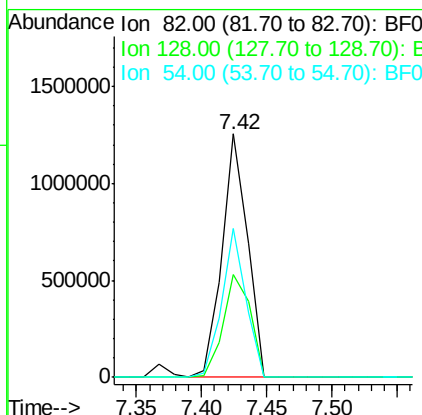
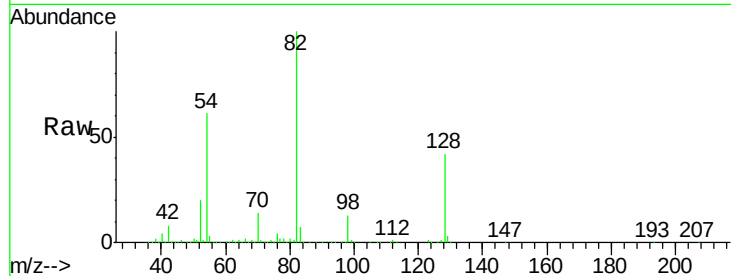




#23
 Nitrobenzene-d5
 Concen: 91.96 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF084353.D
 Acq: 10 Jan 2016 9:45

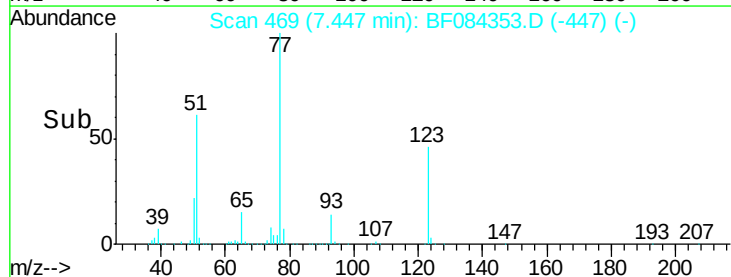
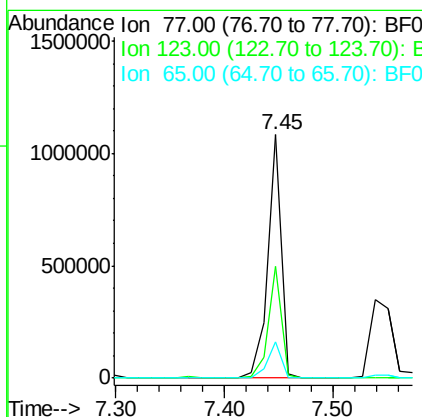
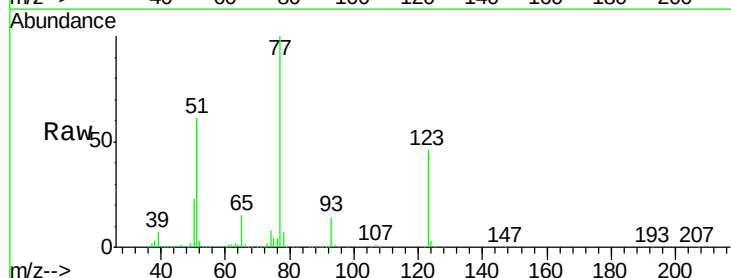
Instrument :
 BNA_F
 ClientSampleId :
 SB-1S(0-10)MS

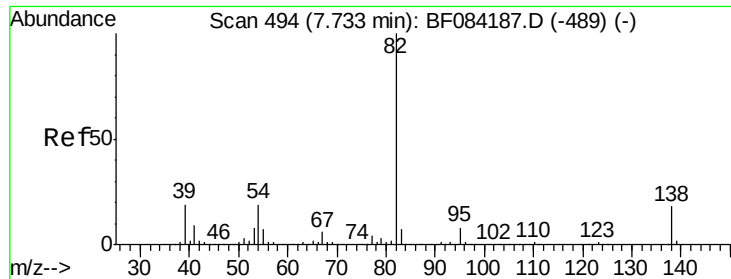
Tot Ion: 82 Resp: 1693293
 Ion Ratio Lower Upper
 82 100
 128 42.5 34.6 51.8
 54 60.9 38.4 57.6#



#24
 Nitrobenzene
 Concen: 50.45 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.05 min
 Lab File: BF084353.D
 Acq: 10 Jan 2016 9:45

Tgt Ion: 77 Resp: 942284
 Ion Ratio Lower Upper
 77 100
 123 46.1 37.4 56.2
 65 15.2 10.9 16.3





#25

Isophorone

Concen: 46.71 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.05 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

Instrument :

BNA_F

ClientSampleId :

SB-1S(0-10)MS

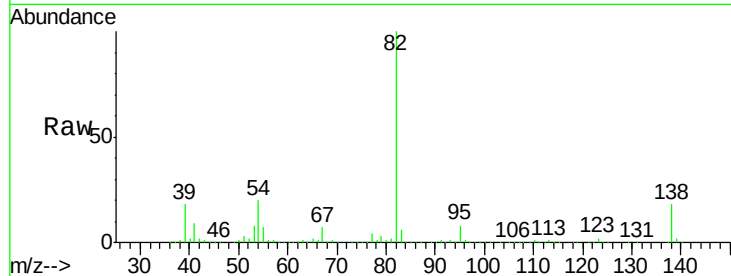
Tot Ion: 82 Resp: 1644987

Ion Ratio Lower Upper

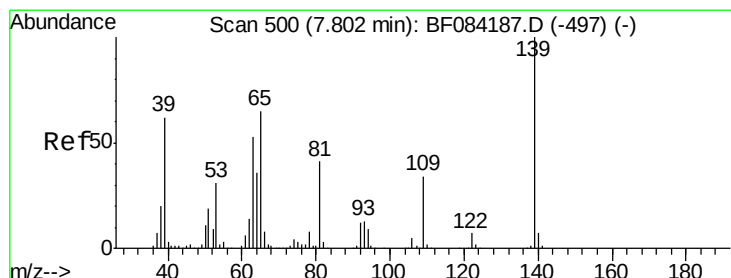
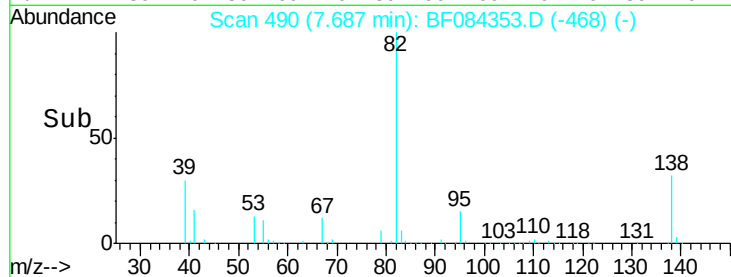
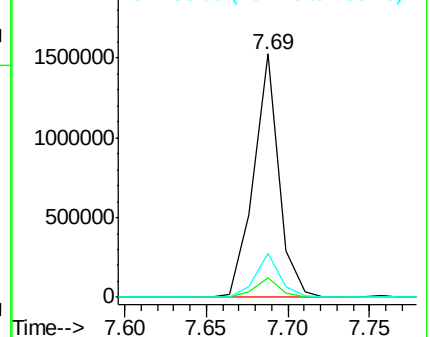
82 100

95 8.1 6.6 10.0

138 17.8 13.6 20.4



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: 53.01 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.03 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

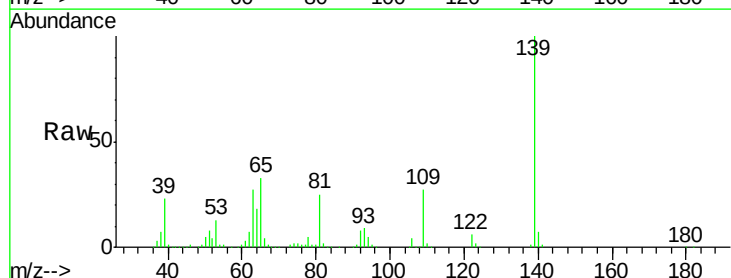
Tgt Ion: 139 Resp: 450600

Ion Ratio Lower Upper

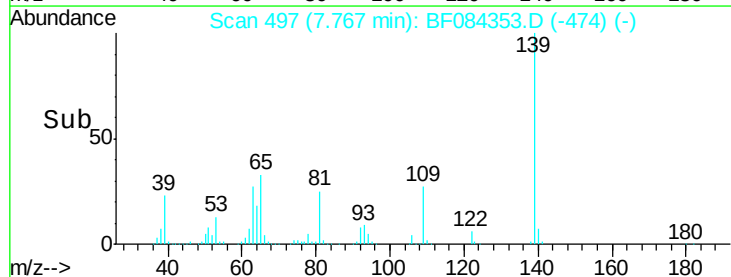
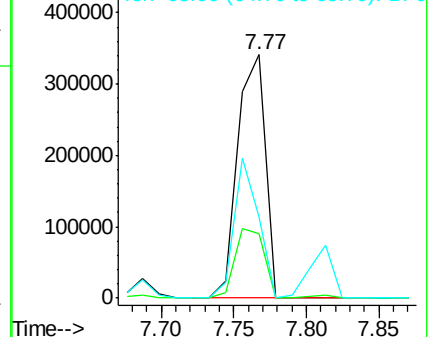
139 100

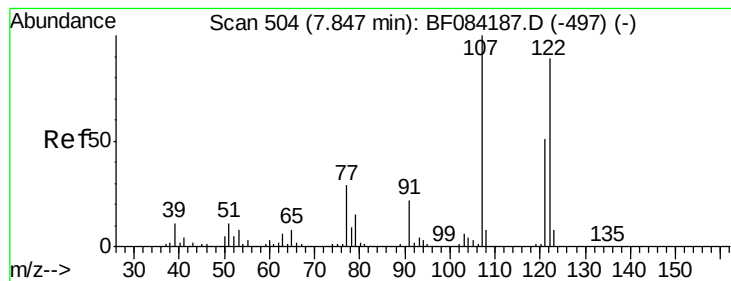
109 26.5 25.4 38.2

65 33.3 32.3 48.5



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





#27

2,4-Dimethylphenol

Concen: 47.48 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

Instrument :

BNA_F

ClientSampleId :

SB-1S(0-10)MS

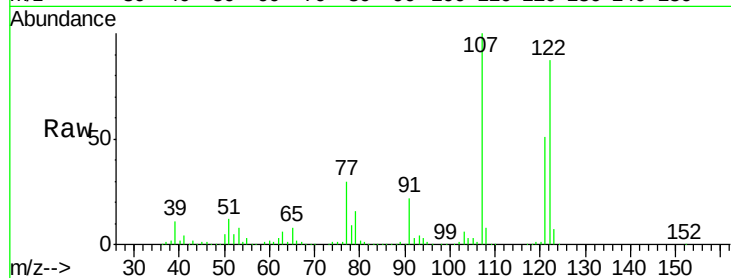
Tot Ion:122 Resp: 816928

Ion Ratio Lower Upper

122 100

107 114.9 99.1 148.7

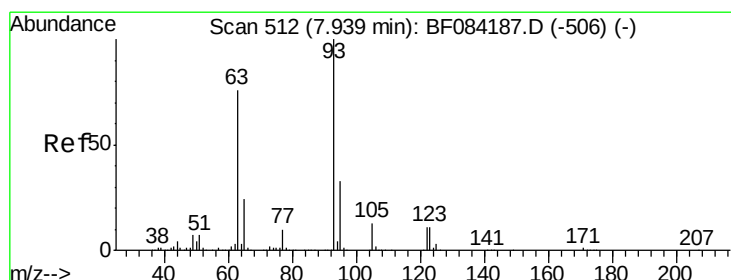
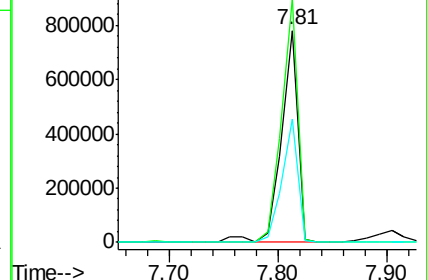
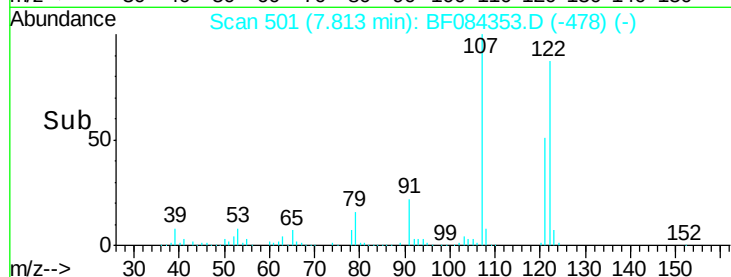
121 58.2 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.28 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.03 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

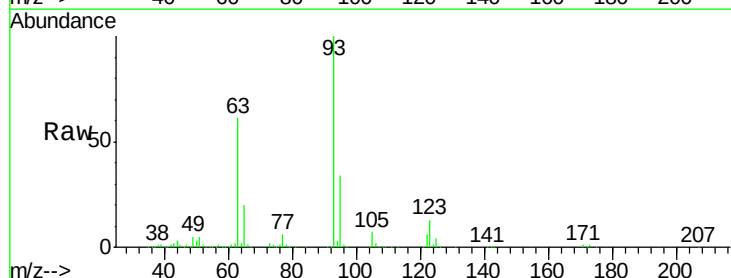
Tgt Ion: 93 Resp: 1038552

Ion Ratio Lower Upper

93 100

95 33.9 25.8 38.6

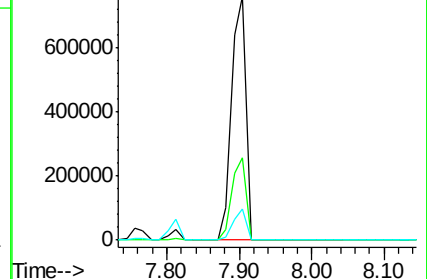
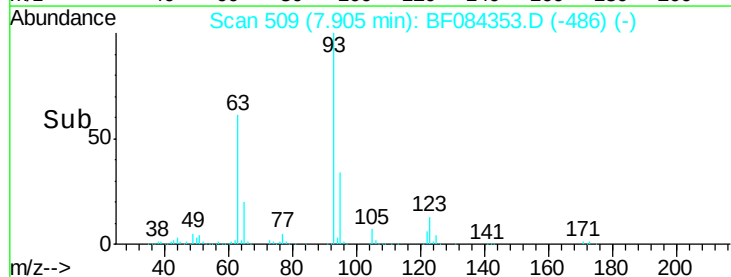
123 12.9 8.6 12.8#

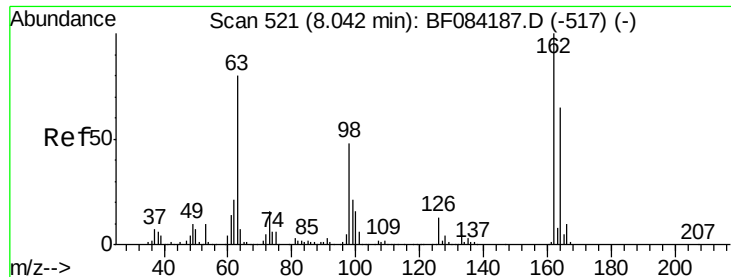


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

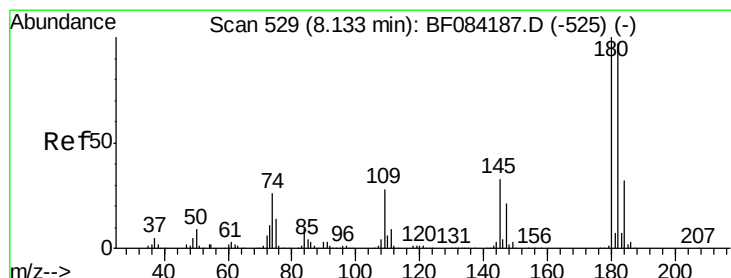
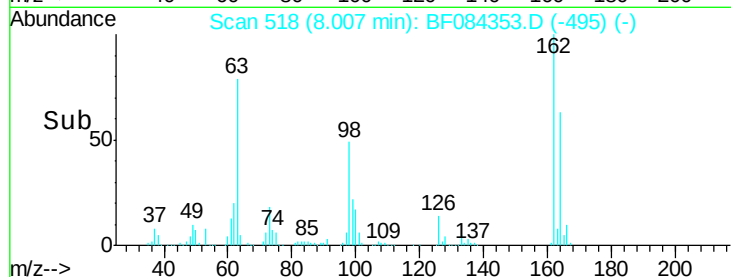
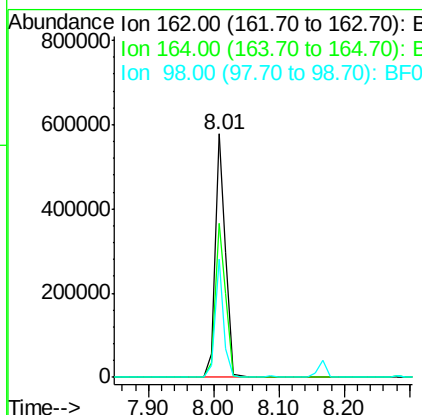
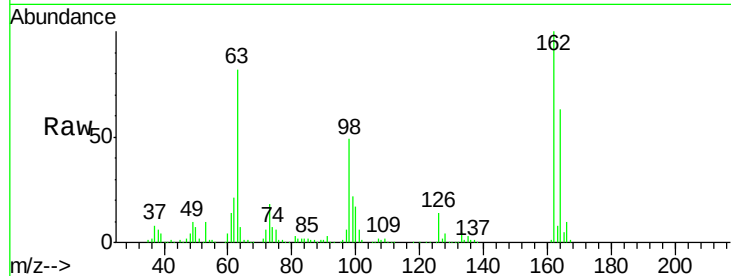




#29
2,4-Dichlorophenol
Concen: 45.48 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.03 min
Lab File: BF084353.D
Acq: 10 Jan 2016 9:45

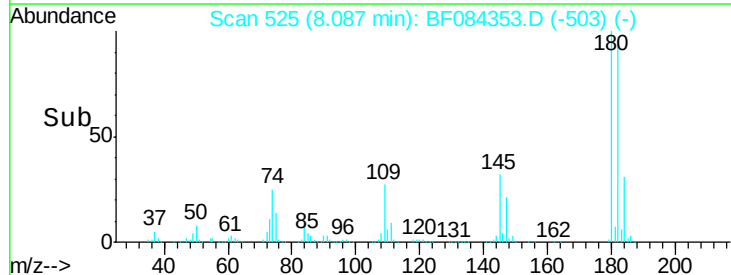
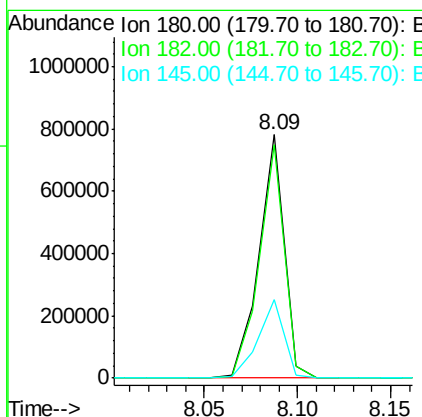
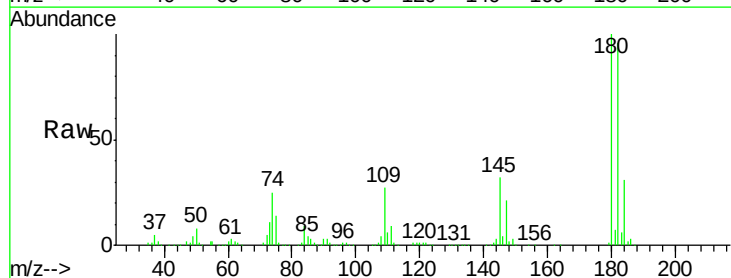
Instrument :
BNA_F
ClientSampleId :
SB-1S(0-10)MS

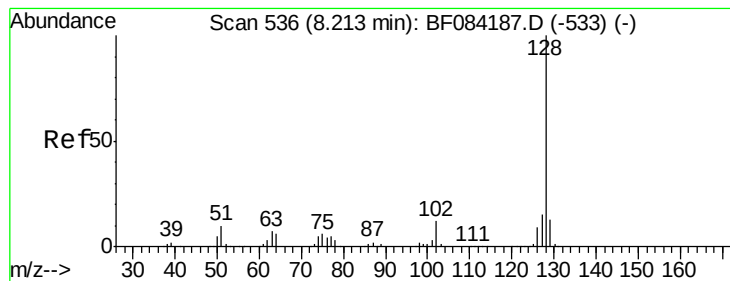
Tot Ion:162 Resp: 651834
Ion Ratio Lower Upper
162 100
164 63.3 44.1 84.1
98 48.5 20.2 60.2



#30
1,2,4-Trichlorobenzene
Concen: 49.06 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.05 min
Lab File: BF084353.D
Acq: 10 Jan 2016 9:45

Tgt Ion:180 Resp: 725839
Ion Ratio Lower Upper
180 100
182 95.8 76.4 114.6
145 32.3 31.6 47.4





#31

Naphthalene

Concen: 47.27 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.05 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

Instrument :

BNA_F

ClientSampleId :

SB-1S(0-10)MS

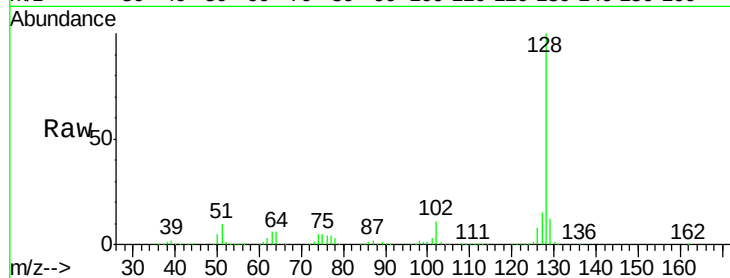
Tot Ion:128 Resp: 2198048

Ion Ratio Lower Upper

128 100

129 12.5 9.1 13.7

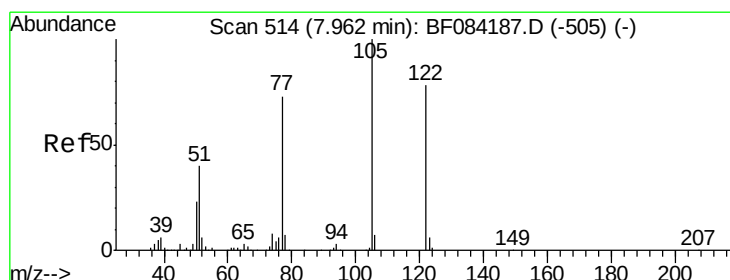
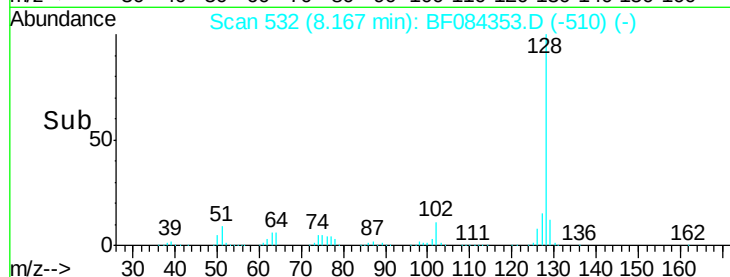
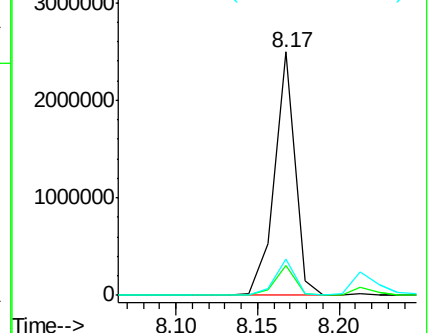
127 14.6 11.1 16.7



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: 14.00 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.06 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

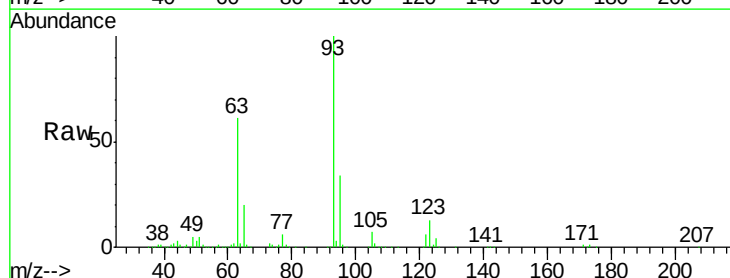
Tgt Ion:122 Resp: 98666

Ion Ratio Lower Upper

122 100

105 123.4 100.3 140.3

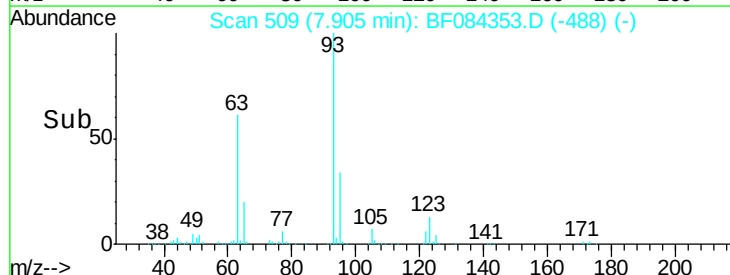
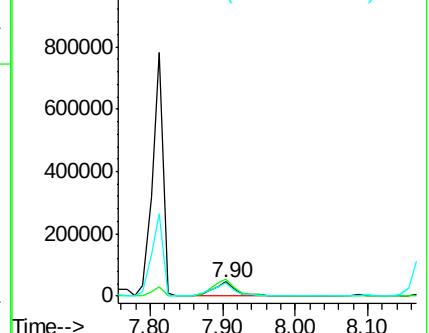
77 95.5 63.5 103.5

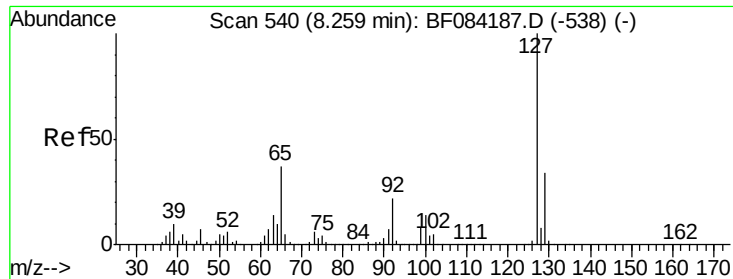


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

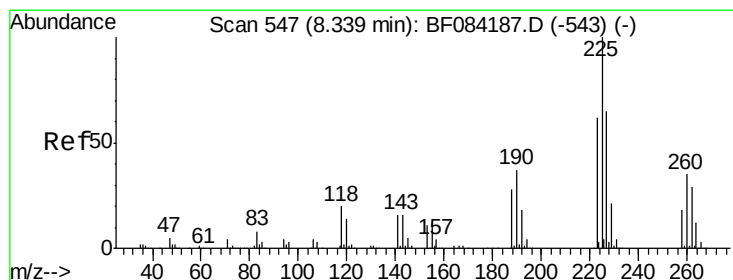
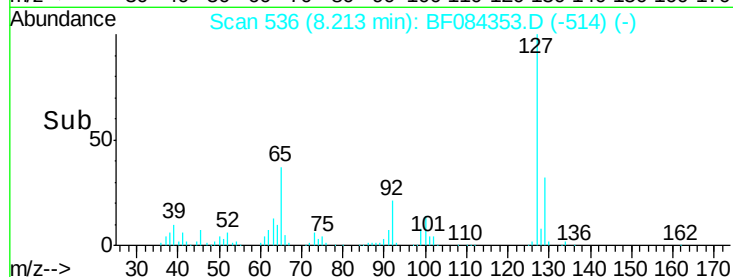
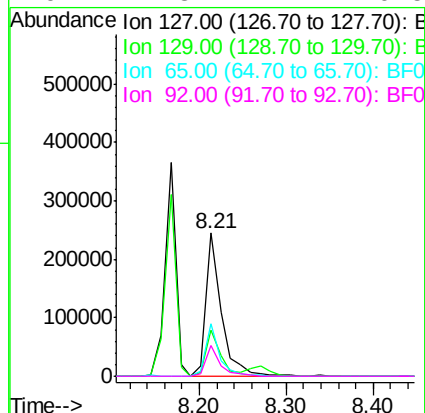
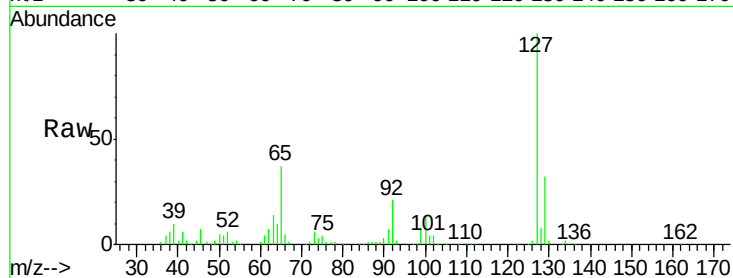




#33
4-Chloroaniline
Concen: 14.11 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.05 min
Lab File: BF084353.D
Acq: 10 Jan 2016 9:45

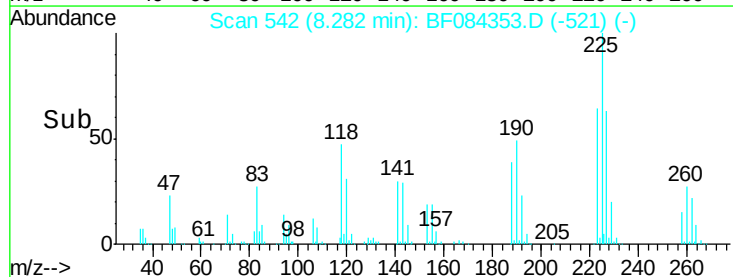
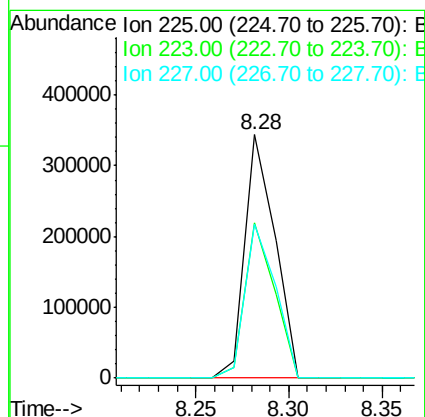
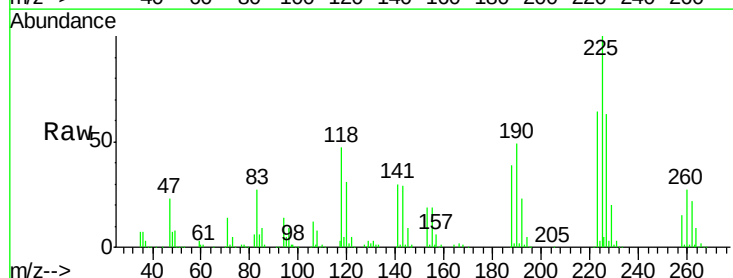
Instrument :
BNA_F
ClientSampleId :
SB-1S(0-10)MS

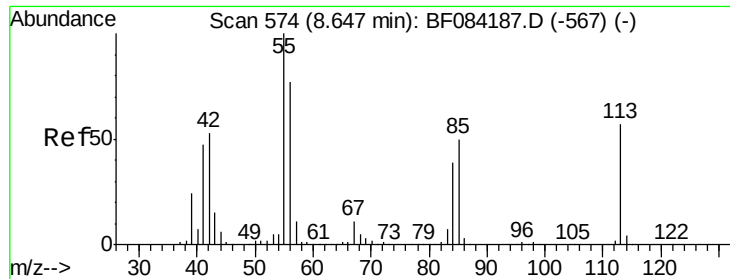
Tot Ion:	127	Resp:	300758
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.5	39.7
65	36.5	27.2	40.8
92	21.3	17.7	26.5



#34
Hexachlorobutadiene
Concen: 45.40 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.06 min
Lab File: BF084353.D
Acq: 10 Jan 2016 9:45

Tgt Ion:	225	Resp:	386153
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.4	74.0
227	63.1	50.8	76.2





#35

Caprolactam

Concen: 50.40 ng/mL

RT: 8.60 min Scan# 570

Delta R.T. -0.05 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

Instrument :

BNA_F

ClientSampleID :

SB-1S(0-10)MS

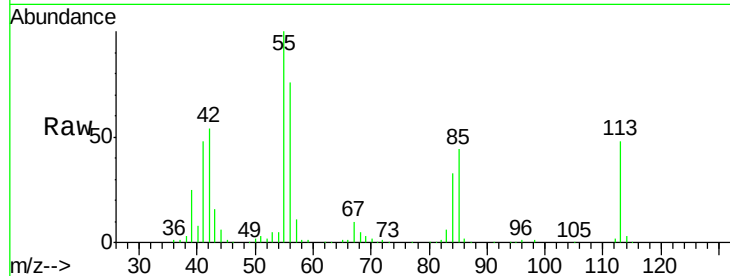
Tot Ion:113 Resp: 243508

Ion Ratio Lower Upper

113 100

55 208.6 116.9 156.9#

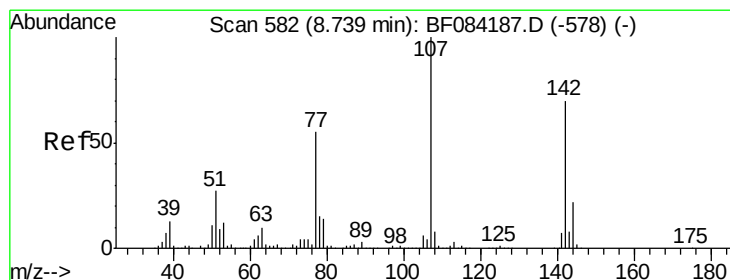
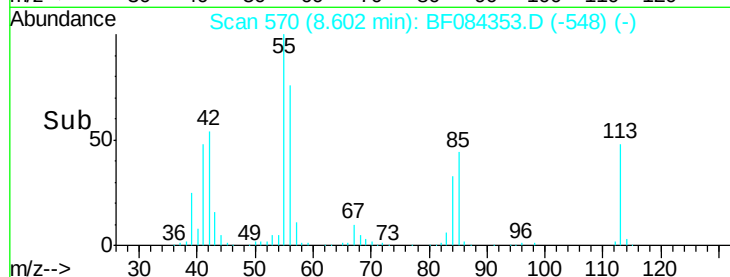
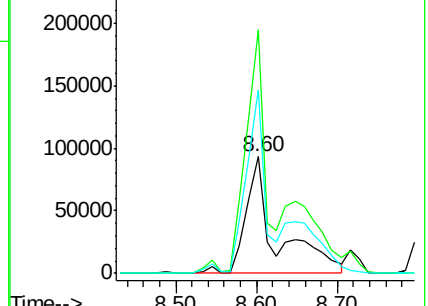
56 157.7 93.8 133.8#



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: 50.66 ng/mL

RT: 8.72 min Scan# 580

Delta R.T. -0.02 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

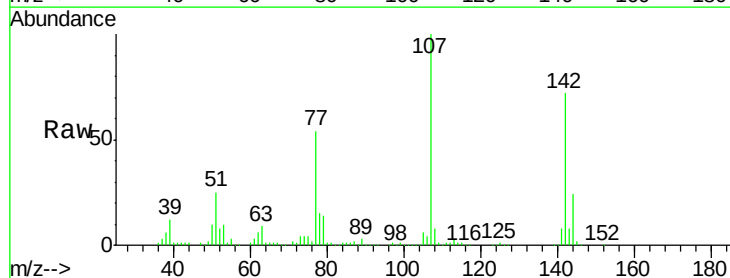
Tgt Ion:107 Resp: 813285

Ion Ratio Lower Upper

107 100

144 23.5 19.7 29.5

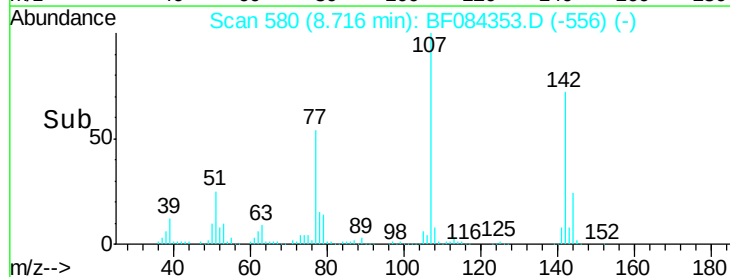
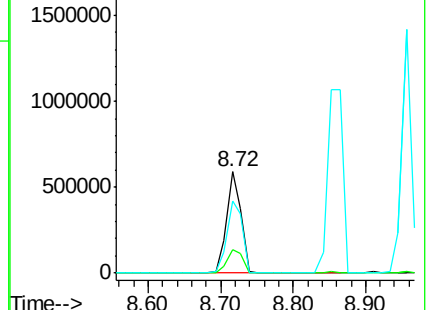
142 71.6 61.8 92.6

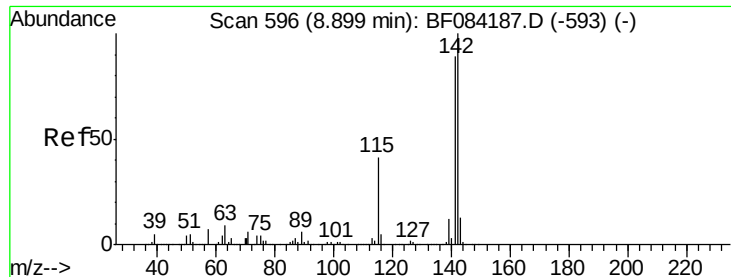


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.61 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.03 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

Instrument :

BNA_F

ClientSampleId :

SB-1S(0-10)MS

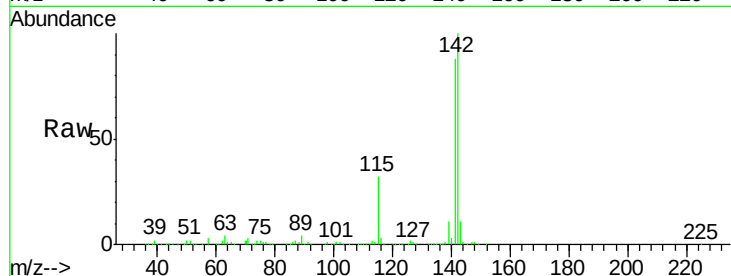
Tot Ion:142 Resp: 1555757

Ion Ratio Lower Upper

142 100

141 88.0 72.4 108.6

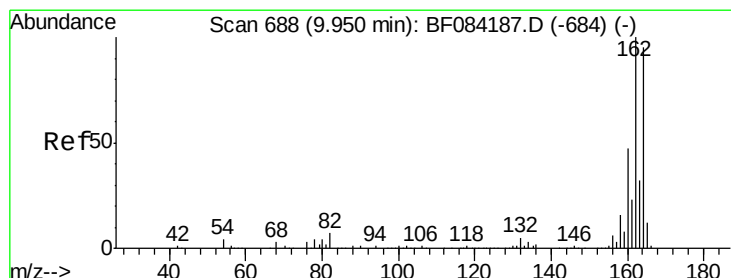
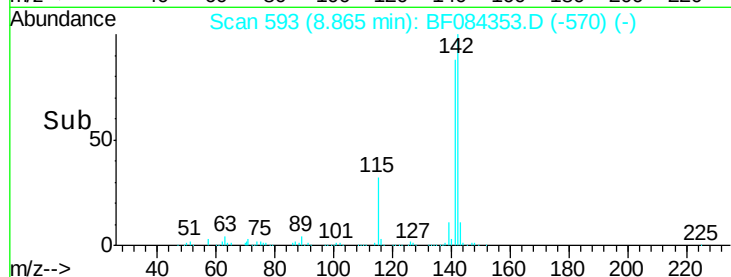
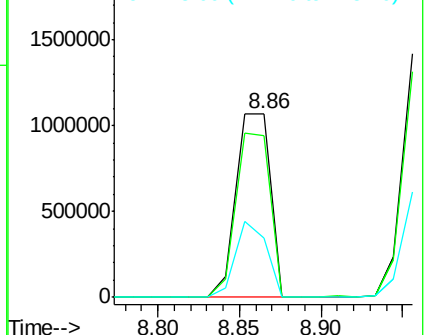
115 32.4 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.05 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

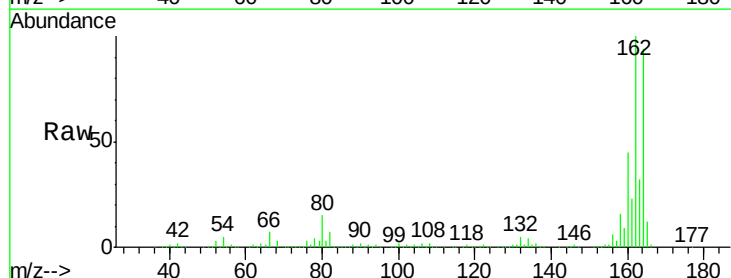
Tgt Ion:164 Resp: 488810

Ion Ratio Lower Upper

164 100

162 105.8 85.1 127.7

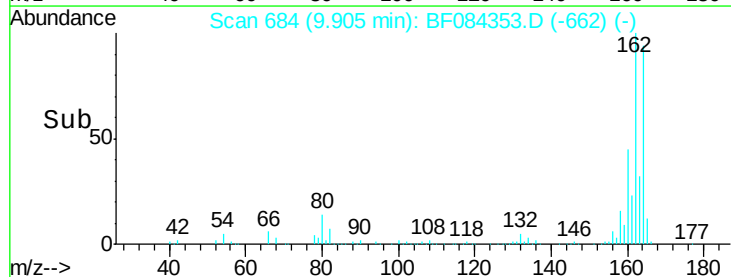
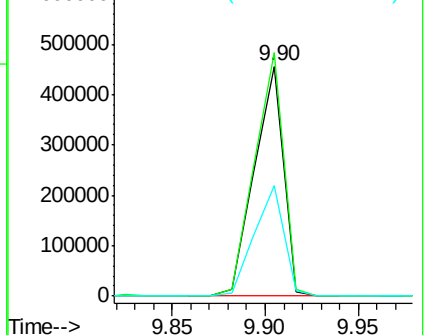
160 47.9 37.5 56.3

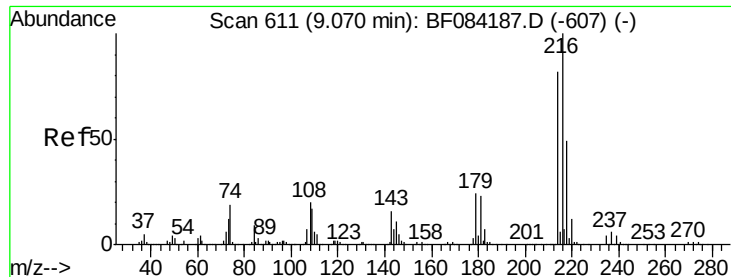


Abundance Ion 164.00 (163.70 to 164.70): E

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: 44.95 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.05 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

Instrument :

BNA_F

ClientSampleId :

SB-1S(0-10)MS

Tot Ion:216 Resp: 631691

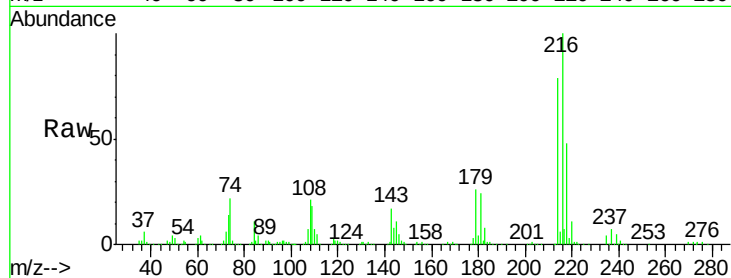
Ion Ratio Lower Upper

216 100

214 78.6 64.2 96.2

179 25.1 18.7 28.1

108 25.1 16.8 25.2

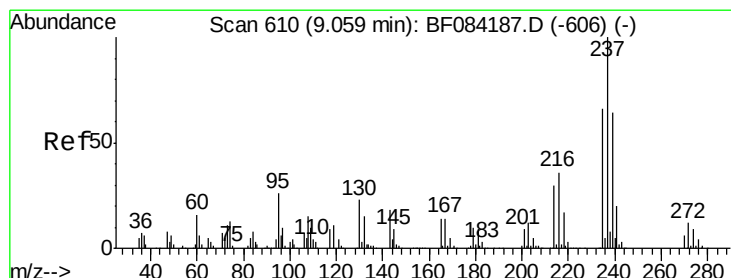
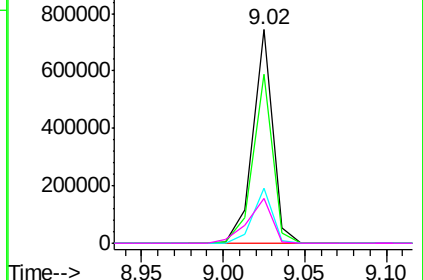
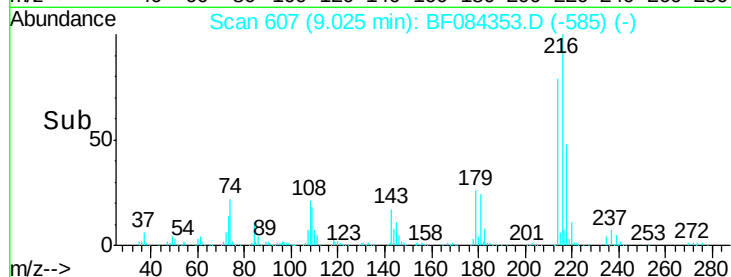


Abundance Ion 216.00 (215.70 to 216.70): E

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: 73.78 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.05 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

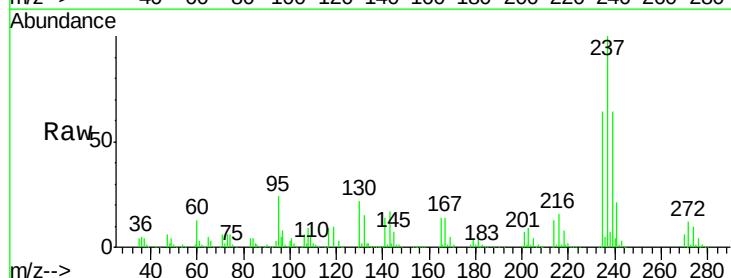
Tgt Ion:237 Resp: 625898

Ion Ratio Lower Upper

237 100

235 63.6 43.1 83.1

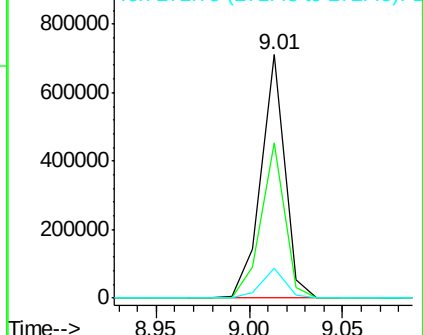
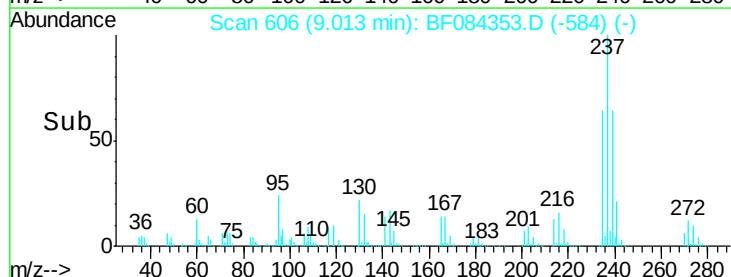
272 12.4 0.0 35.1

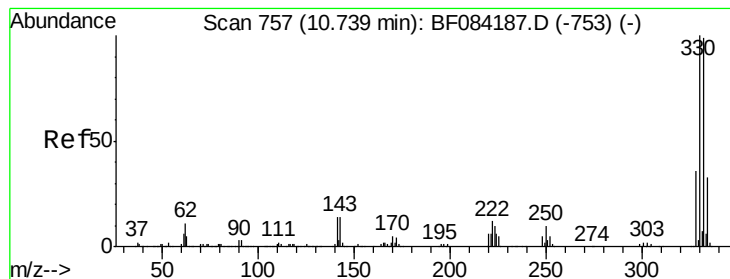


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 127.43 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.05 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

Instrument :

BNA_F

ClientSampleId :

SB-1S(0-10)MS

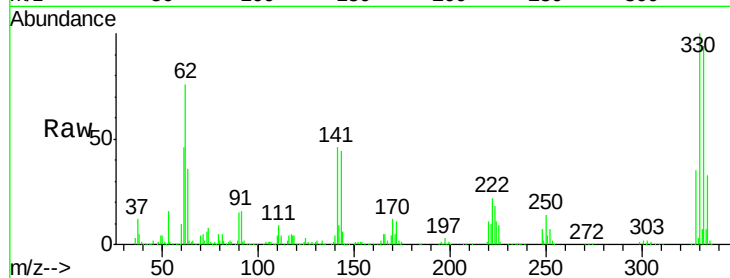
Tot Ion:330 Resp: 628876

Ion Ratio Lower Upper

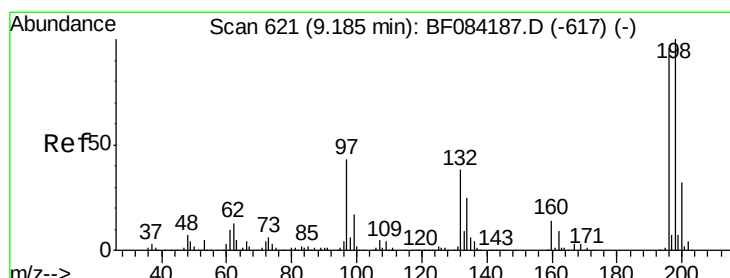
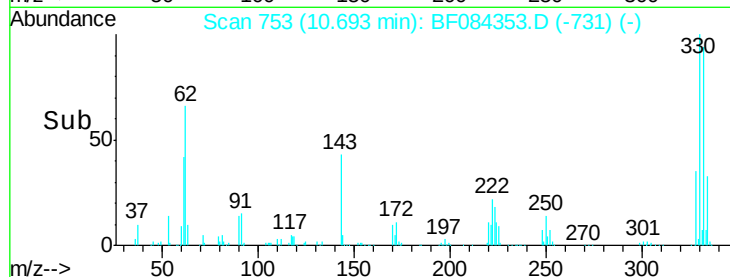
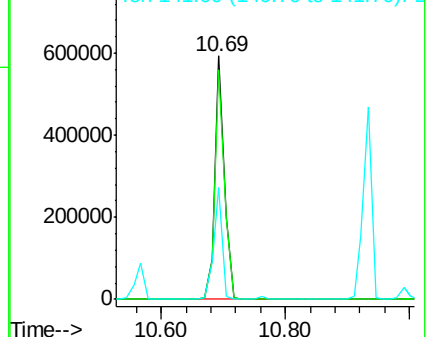
330 100

332 95.1 76.6 114.8

141 41.8 27.8 41.6#



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: 43.35 ng

RT: 9.14 min Scan# 617

Delta R.T. -0.05 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

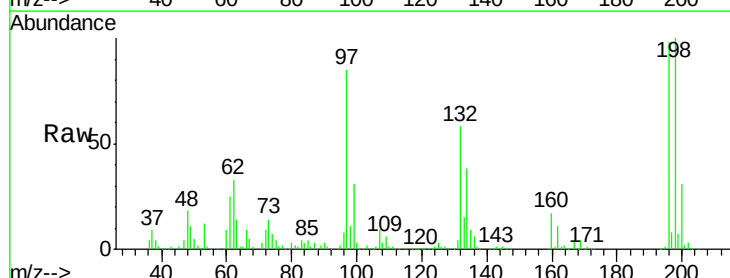
Tgt Ion:196 Resp: 455764

Ion Ratio Lower Upper

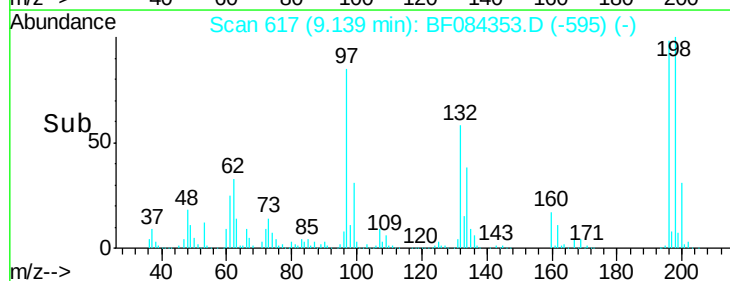
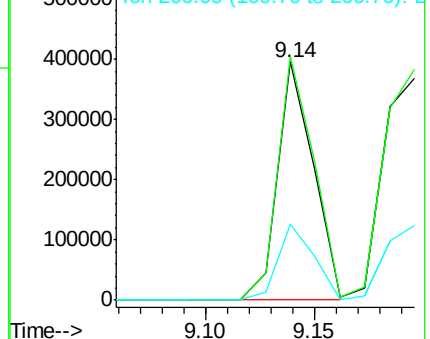
196 100

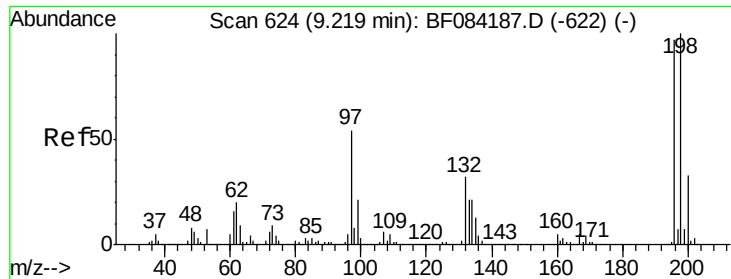
198 102.2 77.7 116.5

200 31.8 24.6 37.0



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

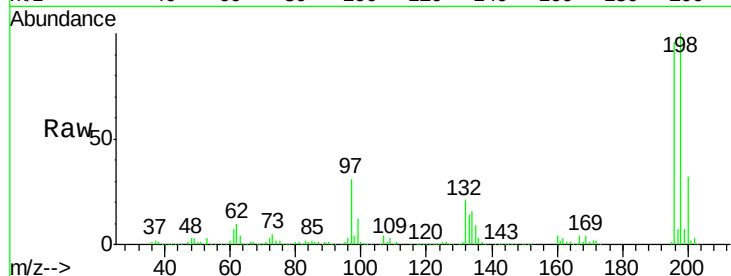




#43
 2,4,5-Trichlorophenol
 Concen: 49.23 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF084353.D
 Acq: 10 Jan 2016 9:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-1S(0-10)MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	103.6	79.0	118.6
97	32.3	33.0	49.6
132	22.2	21.1	31.7



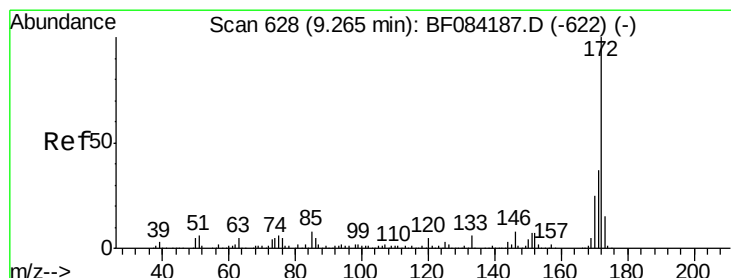
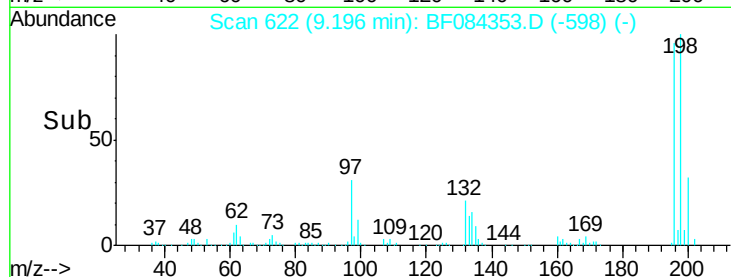
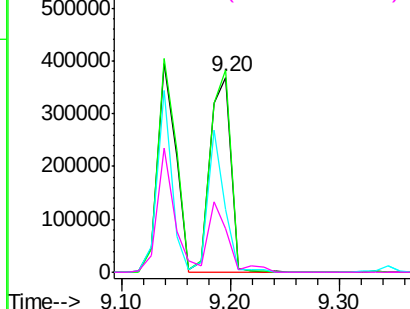
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

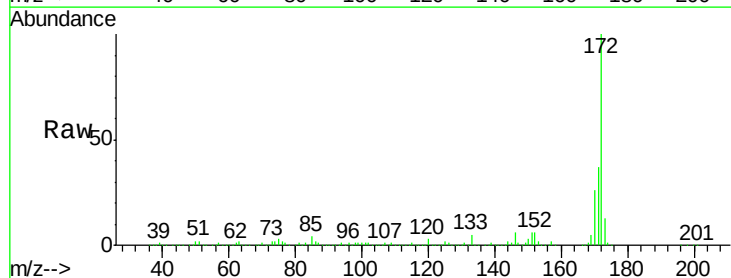
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 99.84 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084353.D
 Acq: 10 Jan 2016 9:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.9	43.3
170	25.7	18.6	27.8

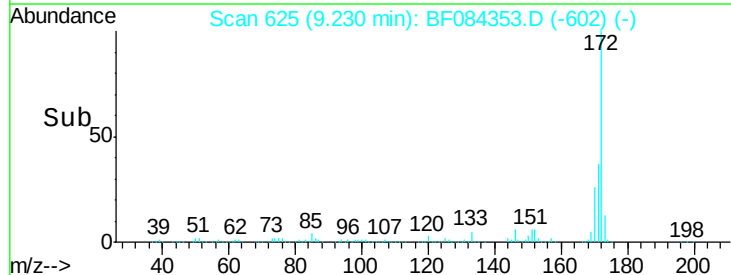
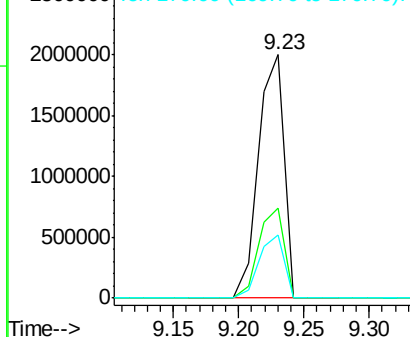


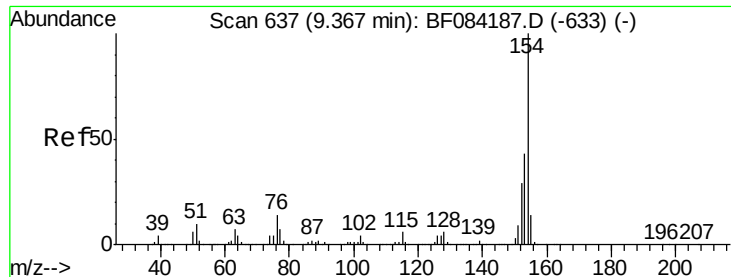
Abundance

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

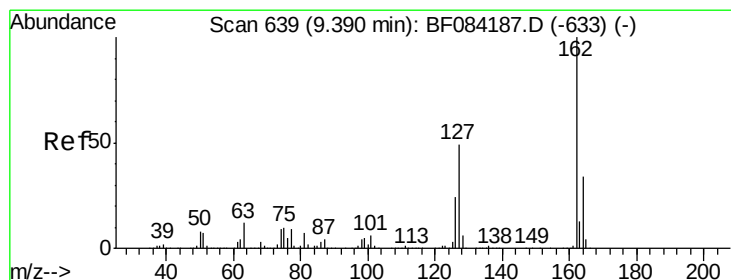
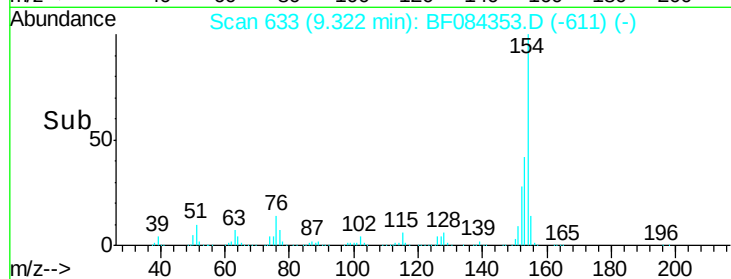
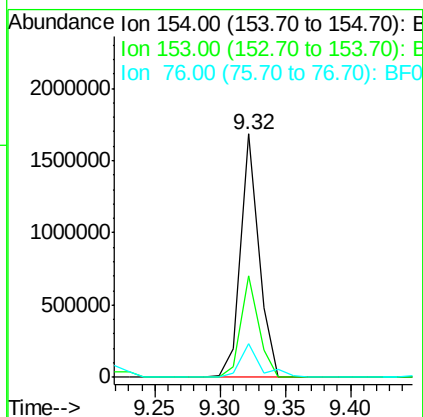
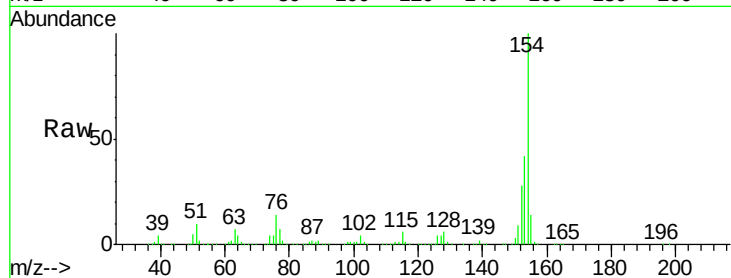




#45
 1,1'-Biphenyl
 Concen: 42.05 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.05 min
 Lab File: BF084353.D
 Acq: 10 Jan 2016 9:45

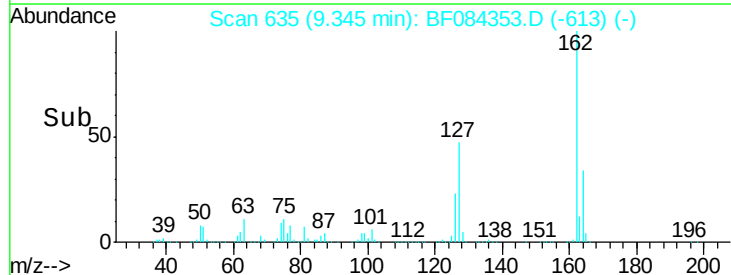
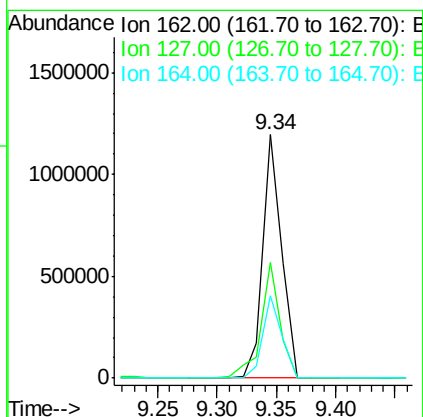
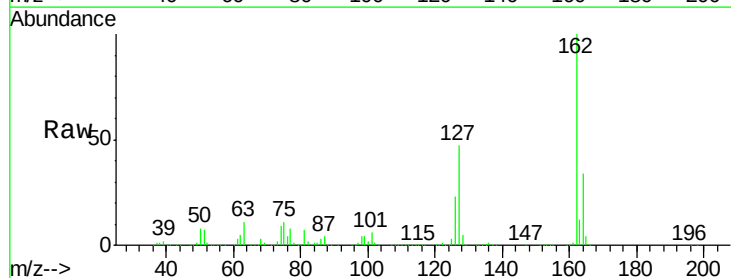
Instrument :
 BNA_F
 ClientSampleId :
 SB-1S(0-10)MS

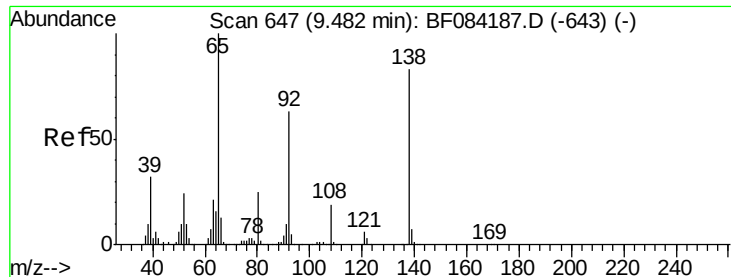
Tot Ion:154 Resp: 1633676
 Ion Ratio Lower Upper
 154 100
 153 41.8 21.6 61.6
 76 14.1 0.0 32.7



#46
 2-Chloronaphthalene
 Concen: 43.68 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.05 min
 Lab File: BF084353.D
 Acq: 10 Jan 2016 9:45

Tgt Ion:162 Resp: 1332784
 Ion Ratio Lower Upper
 162 100
 127 47.3 40.2 60.4
 164 34.0 25.7 38.5





#47

2-Nitroaniline

Concen: 50.65 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.03 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

Instrument :

BNA_F

ClientSampleId :

SB-1S(0-10)MS

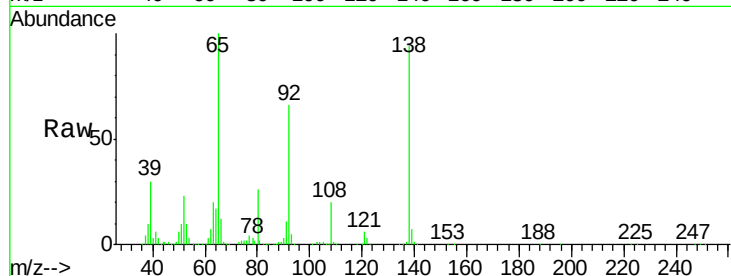
Tot Ion: 65 Resp: 510089

Ion Ratio Lower Upper

65 100

92 65.9 53.4 80.2

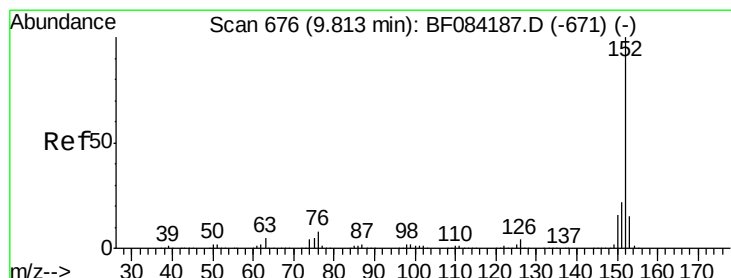
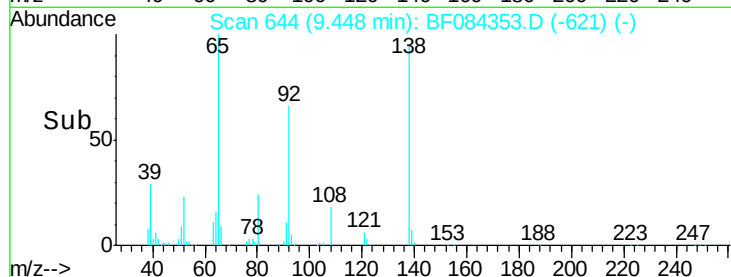
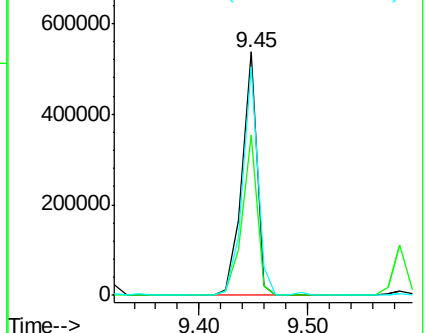
138 93.9 71.1 106.7



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 50.59 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.05 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

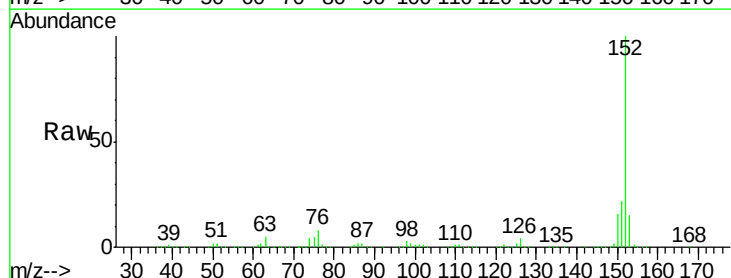
Tgt Ion: 152 Resp: 2280702

Ion Ratio Lower Upper

152 100

151 22.1 16.3 24.5

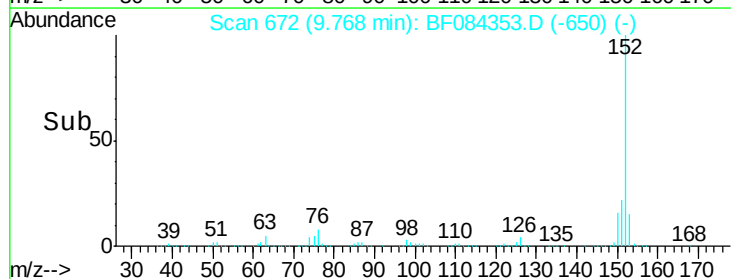
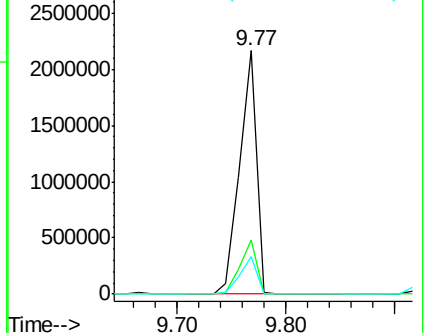
153 15.2 10.4 15.6

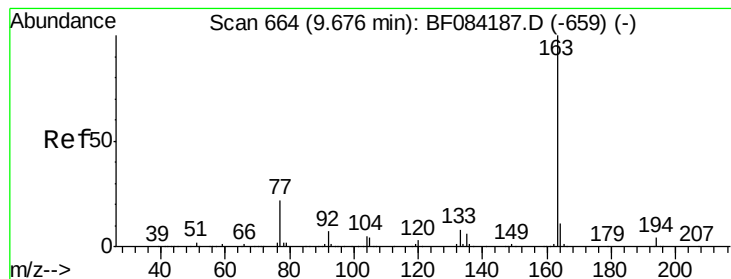


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 57.25 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.05 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

Instrument :

BNA_F

ClientSampleId :

SB-1S(0-10)MS

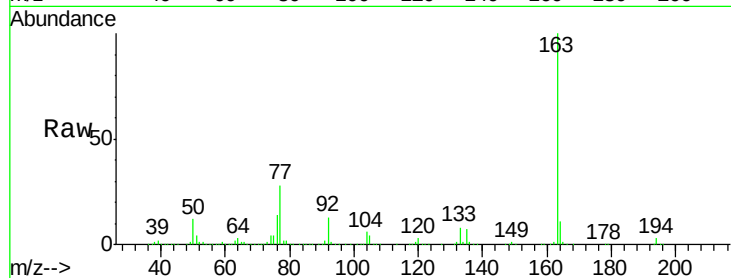
Tot Ion:163 Resp: 2000582

Ion Ratio Lower Upper

163 100

194 3.1 8.0 12.0#

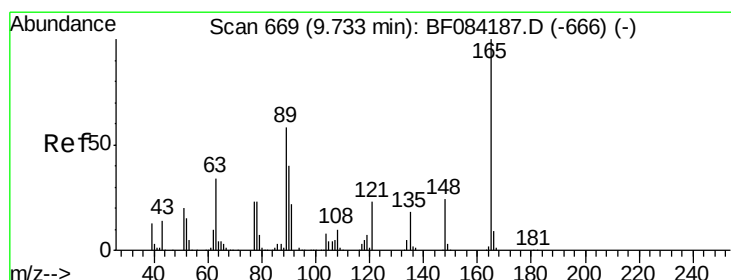
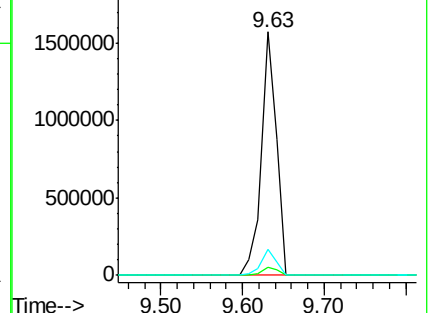
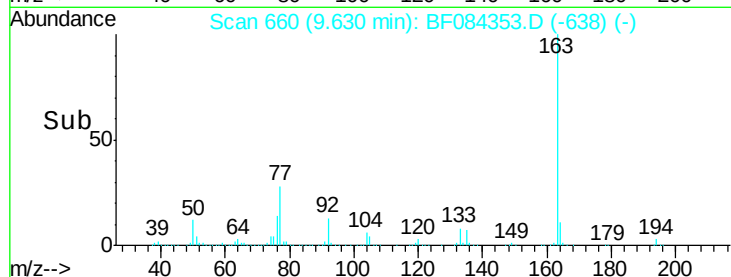
164 10.9 8.0 12.0



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: 48.45 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.05 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

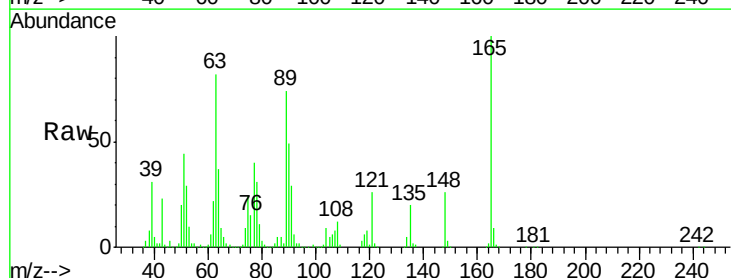
Tgt Ion:165 Resp: 371364

Ion Ratio Lower Upper

165 100

63 82.3 28.8 43.2#

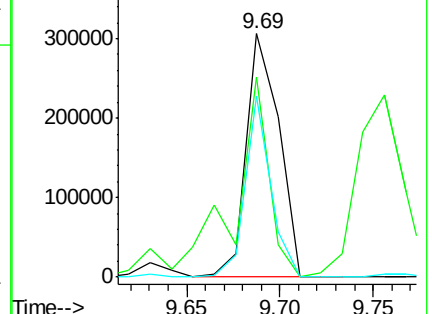
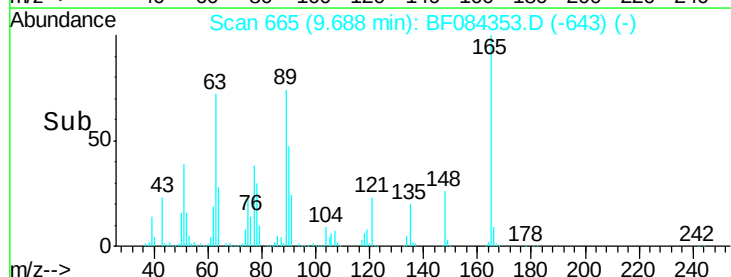
89 74.4 35.1 52.7#

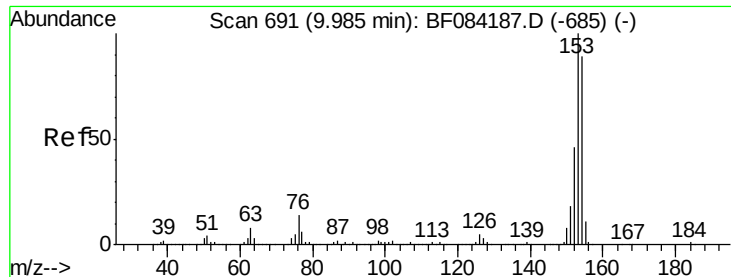


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 53.45 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.04 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

Instrument :

BNA_F

ClientSampleId :

SB-1S(0-10)MS

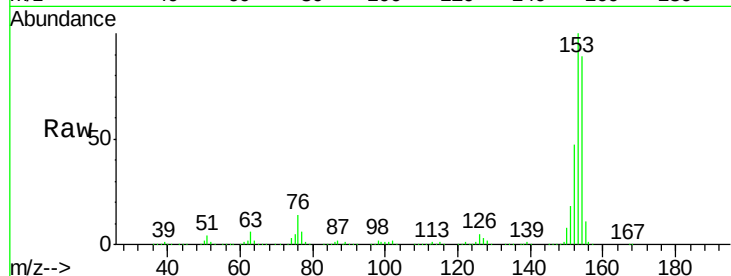
Tot Ion:154 Resp: 1616290

Ion Ratio Lower Upper

154 100

153 112.1 91.5 137.3

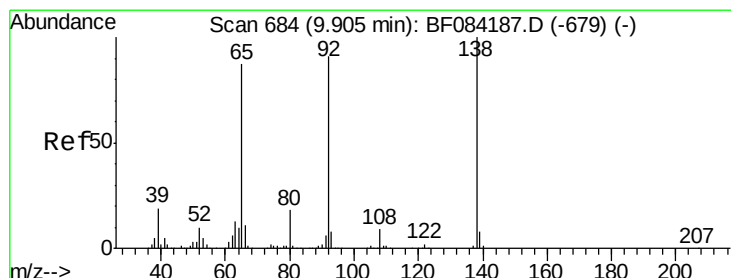
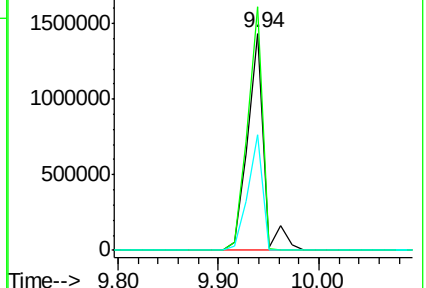
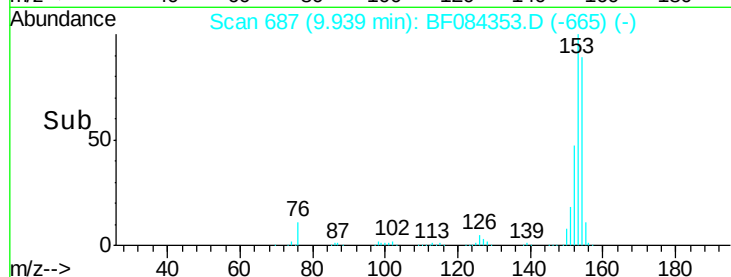
152 53.0 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.96 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.05 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

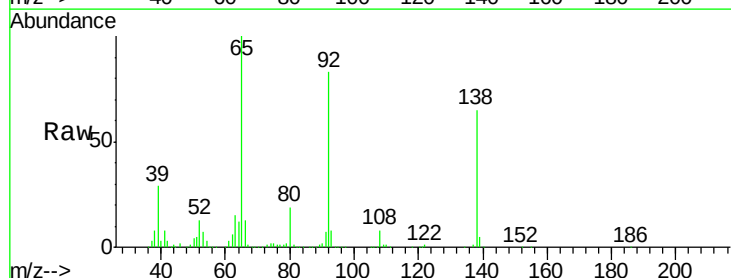
Tgt Ion:138 Resp: 284541

Ion Ratio Lower Upper

138 100

108 11.6 10.5 15.7

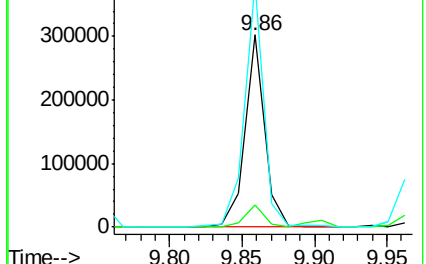
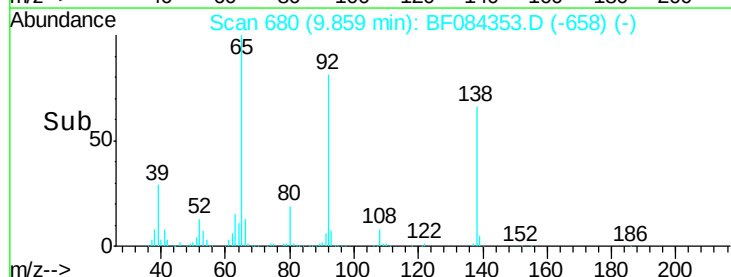
92 126.6 103.9 155.9

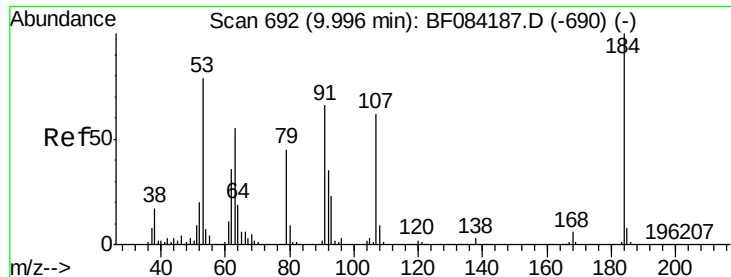


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

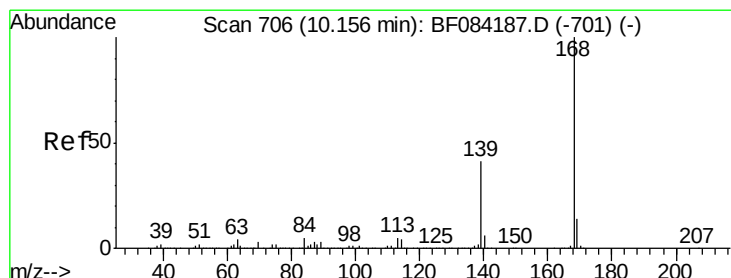
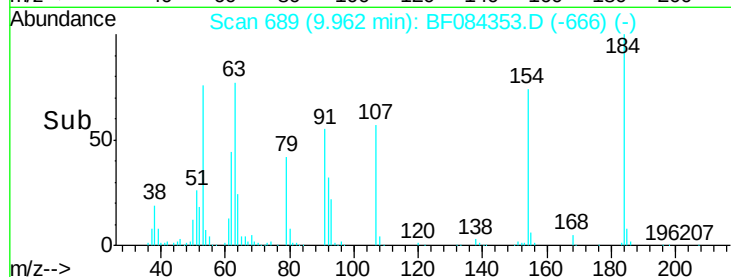
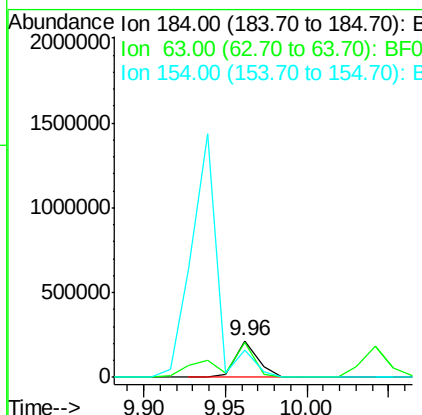
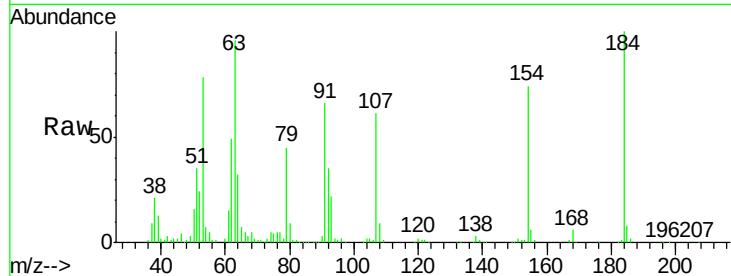




#53
2,4-Dinitrophenol
Concen: 64.81 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.03 min
Lab File: BF084353.D
Acq: 10 Jan 2016 9:45

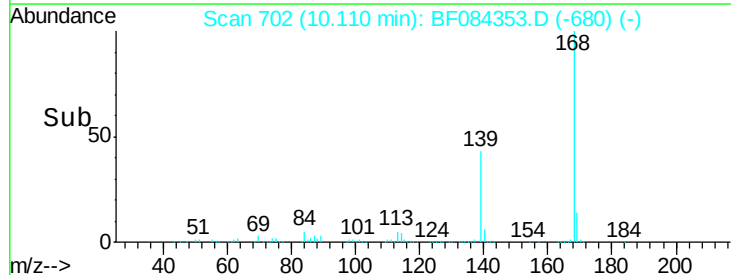
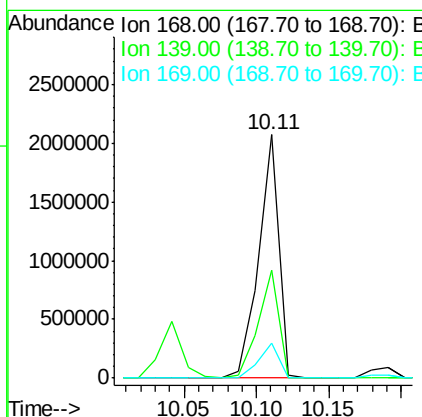
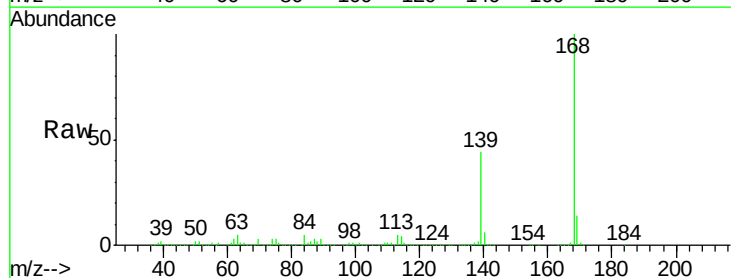
Instrument :
BNA_F
ClientSampleId :
SB-1S(0-10)MS

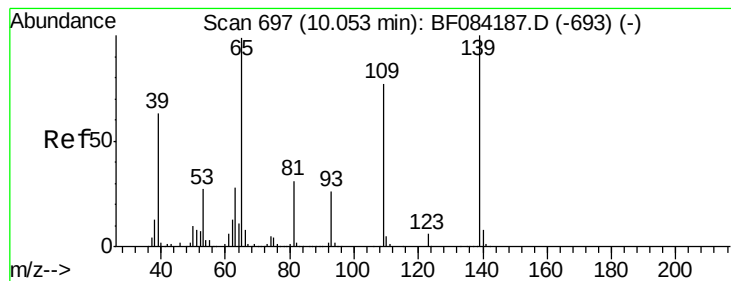
Tot Ion:184 Resp: 209274
Ion Ratio Lower Upper
184 100
63 95.9 43.1 64.7#
154 73.7 60.5 90.7



#54
Dibenzofuran
Concen: 51.09 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF084353.D
Acq: 10 Jan 2016 9:45

Tgt Ion:168 Resp: 1985419
Ion Ratio Lower Upper
168 100
139 44.2 30.5 45.7
169 14.2 10.4 15.6





#55

4-Nitrophenol

Concen: 74.82 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

Instrument :

BNA_F

ClientSampleId :

SB-1S(0-10)MS

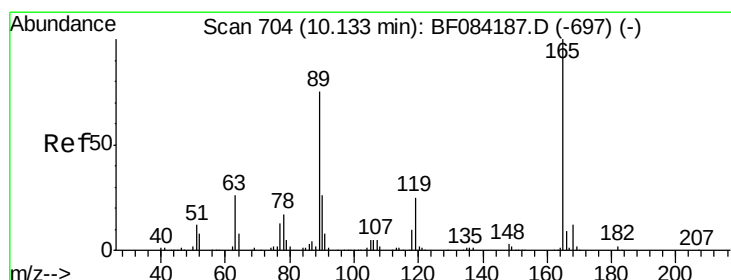
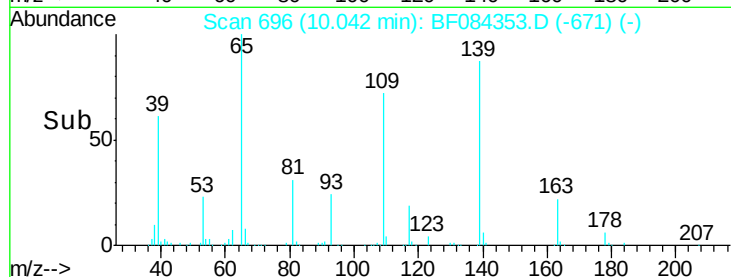
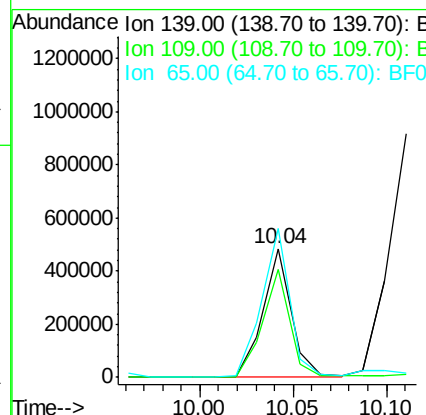
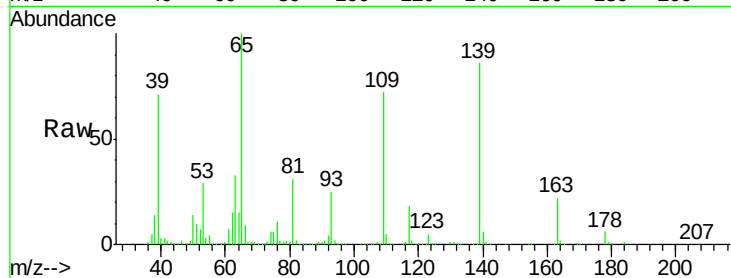
Tot Ion:139 Resp: 515813

Ion Ratio Lower Upper

139 100

109 83.5 58.5 98.5

65 116.3 57.6 97.6#



#56

2,4-Dinitrotoluene

Concen: 58.76 ng

RT: 10.10 min Scan# 701

Delta R.T. -0.03 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

Tgt Ion:165 Resp: 570020

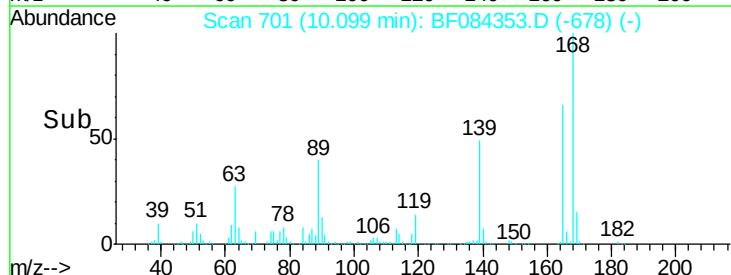
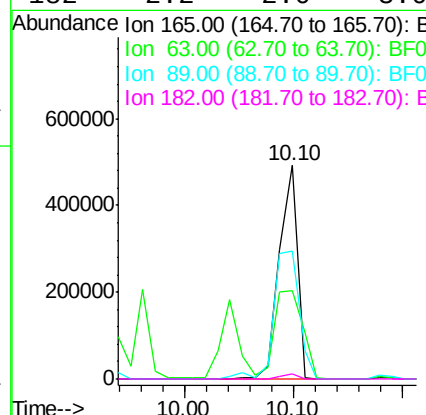
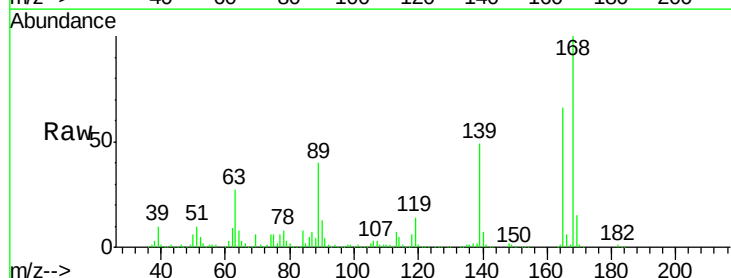
Ion Ratio Lower Upper

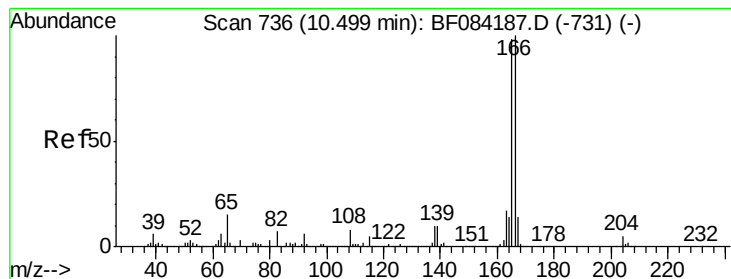
165 100

63 41.4 36.7 55.1

89 59.9 61.9 92.9#

182 2.2 2.0 3.0





#57

Fluorene

Concen: 53.78 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.04 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

Instrument :

BNA_F

ClientSampleId :

SB-1S(0-10)MS

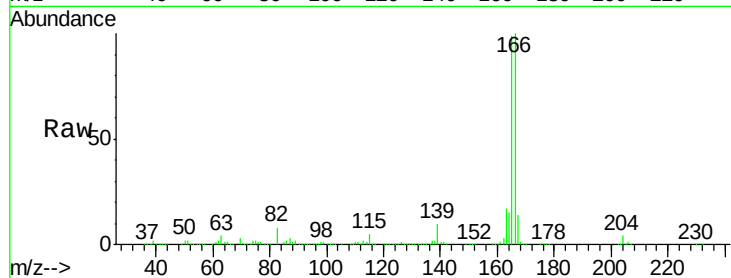
Tot Ion:166 Resp: 1614631

Ion Ratio Lower Upper

166 100

165 99.3 79.1 118.7

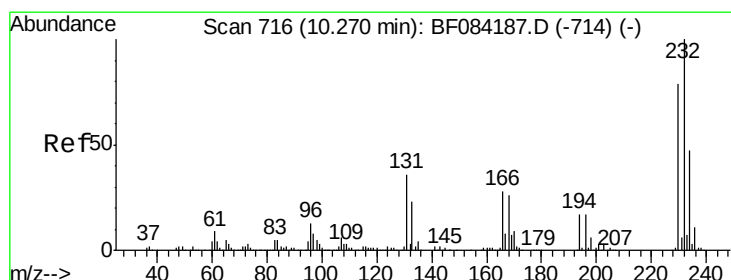
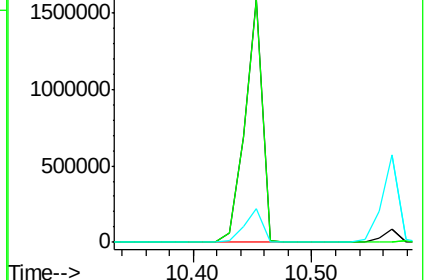
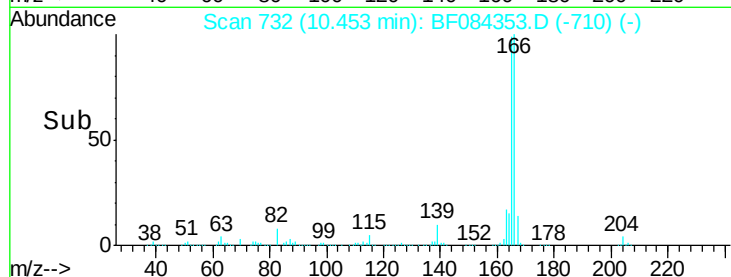
167 13.9 10.4 15.6



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: 46.53 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.05 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

Tgt Ion:232 Resp: 400401

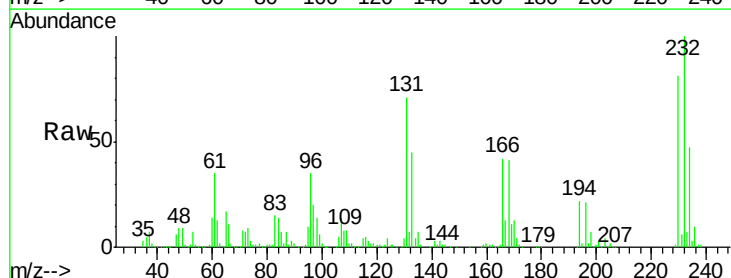
Ion Ratio Lower Upper

232 100

131 51.7 47.0 70.6

130 2.6 2.0 3.0

166 33.0 30.5 45.7

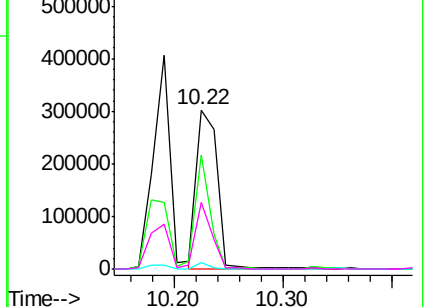
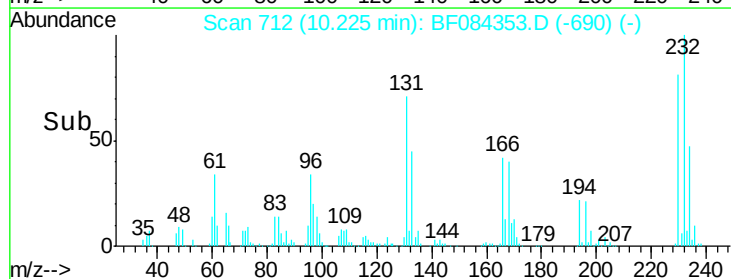


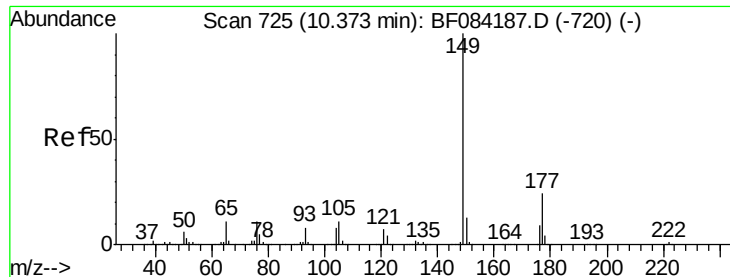
Abundance Ion 232.00 (231.70 to 232.70): E

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

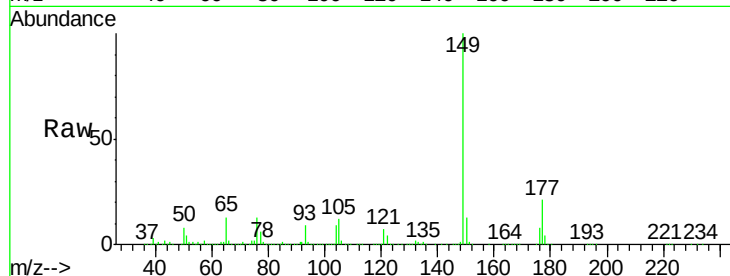




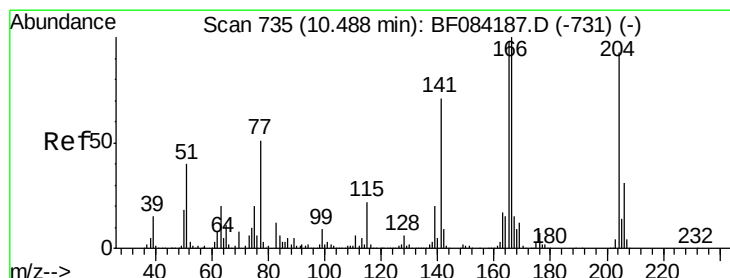
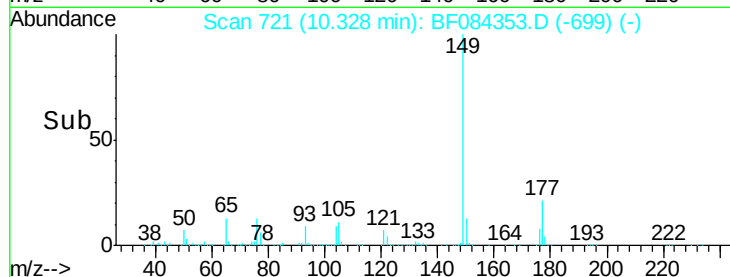
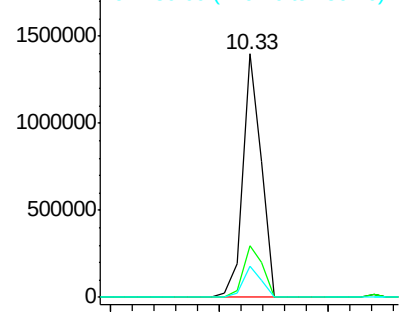
#59
Diethylphthalate
Concen: 47.89 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.05 min
Lab File: BF084353.D
Acq: 10 Jan 2016 9:45

Instrument :
BNA_F
ClientSampleId :
SB-1S(0-10)MS

Tot Ion:149 Resp: 1649918
Ion Ratio Lower Upper
149 100
177 21.2 17.3 25.9
150 13.0 9.8 14.8

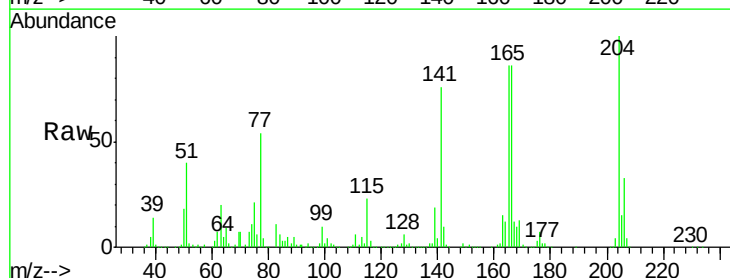


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

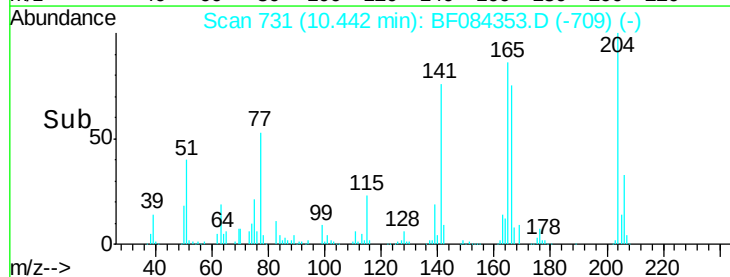
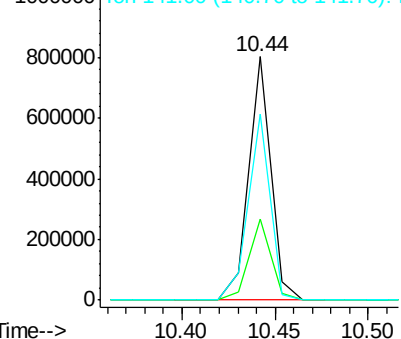


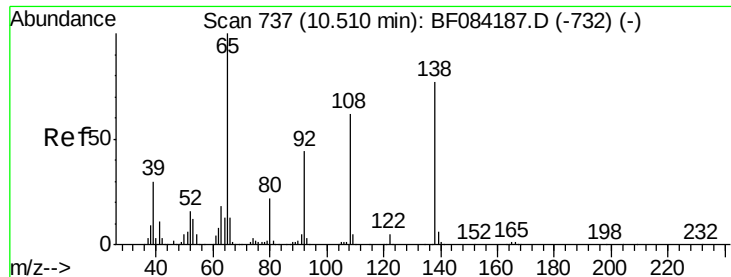
#60
4-Chlorophenyl-phenylether
Concen: 52.38 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.05 min
Lab File: BF084353.D
Acq: 10 Jan 2016 9:45

Tgt Ion:204 Resp: 652820
Ion Ratio Lower Upper
204 100
206 33.2 25.7 38.5
141 76.4 55.1 82.7



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

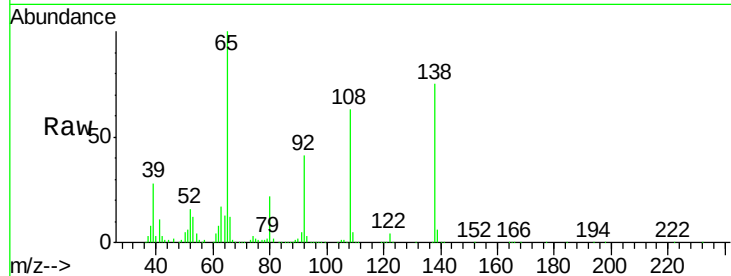




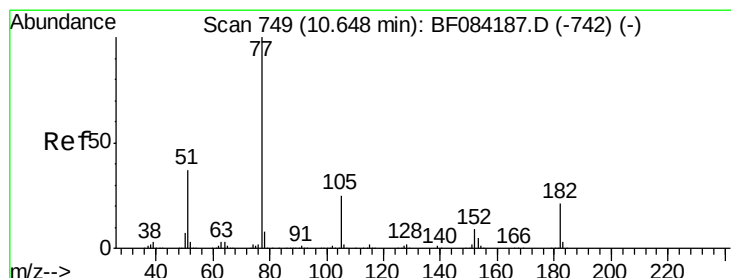
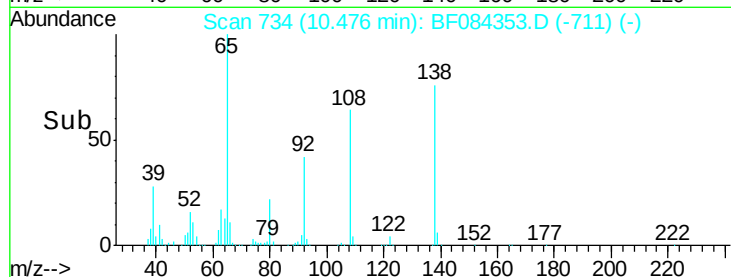
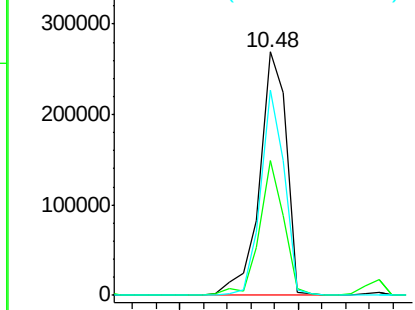
#61
4-Nitroaniline
Concen: 50.58 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.03 min
Lab File: BF084353.D
Acq: 10 Jan 2016 9:45

Instrument :
BNA_F
ClientSampleId :
SB-1S(0-10)MS

Tot Ion:138 Resp: 428189
Ion Ratio Lower Upper
138 100
92 55.3 32.6 72.6
108 84.3 68.6 108.6

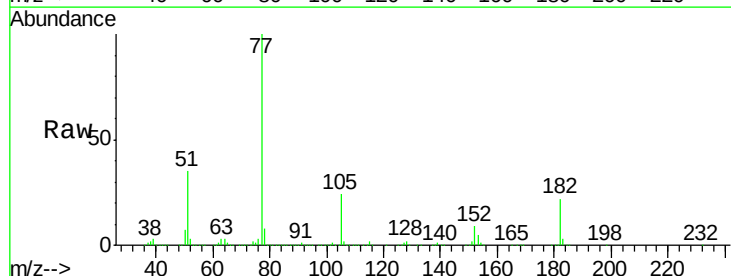


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

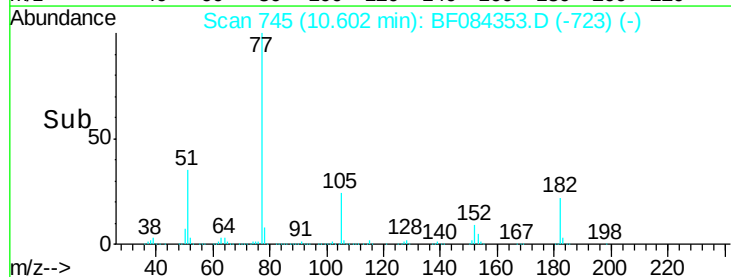
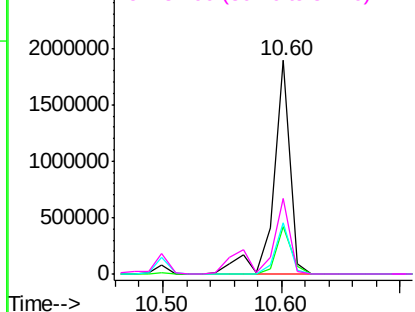


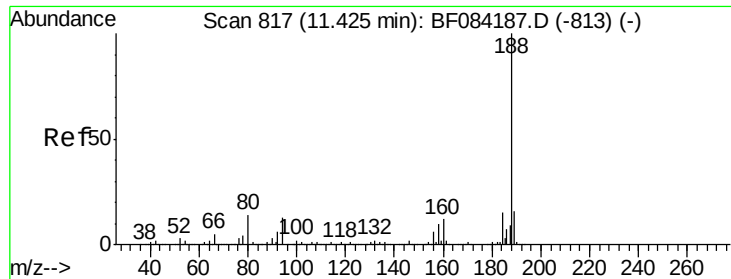
#62
Azobenzene
Concen: 48.48 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.05 min
Lab File: BF084353.D
Acq: 10 Jan 2016 9:45

Tgt Ion: 77 Resp: 1832208
Ion Ratio Lower Upper
77 100
182 22.2 8.3 48.3
105 24.1 4.6 44.6
51 35.3 6.2 46.2



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: 11.38 min Scan# 813

Delta R.T. -0.05 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

Instrument :

BNA_F

ClientSampleId :

SB-1S(0-10)MS

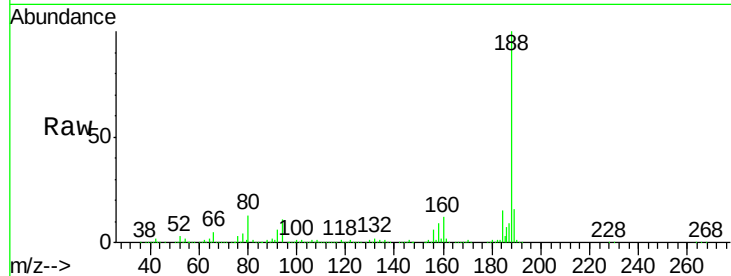
Tot Ion:188 Resp: 928952

Ion Ratio Lower Upper

188 100

94 11.3 9.0 13.4

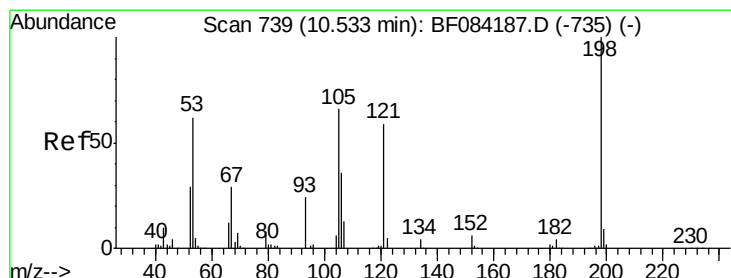
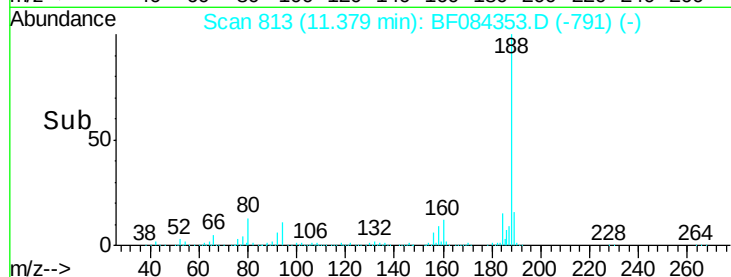
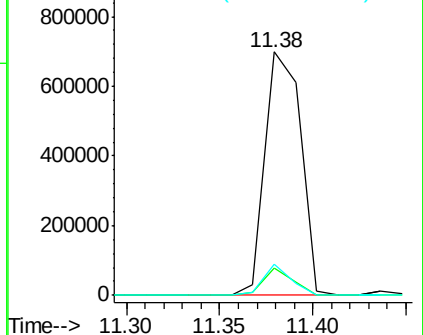
80 12.9 9.6 14.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 39.07 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.03 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

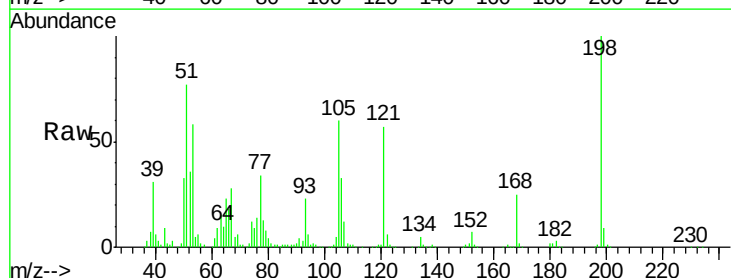
Tgt Ion:198 Resp: 221700

Ion Ratio Lower Upper

198 100

51 76.8 18.9 58.9#

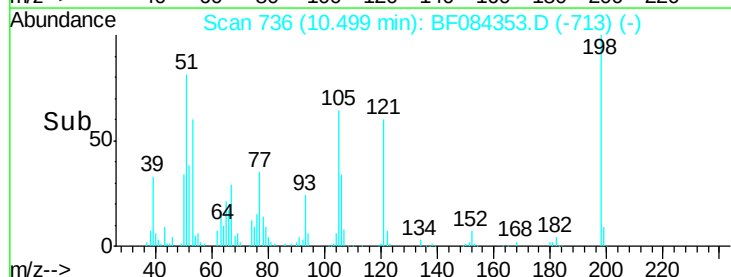
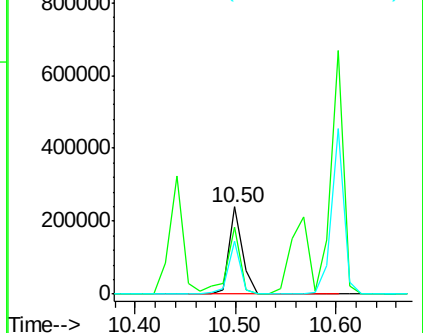
105 60.3 26.4 66.4

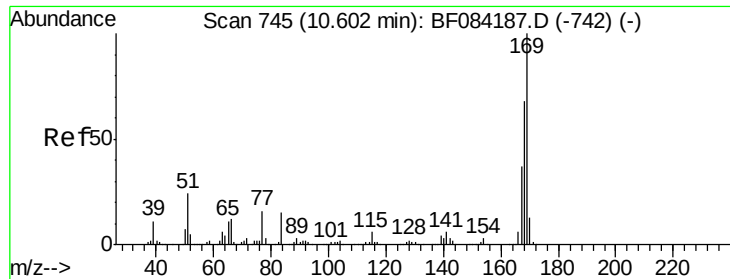


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

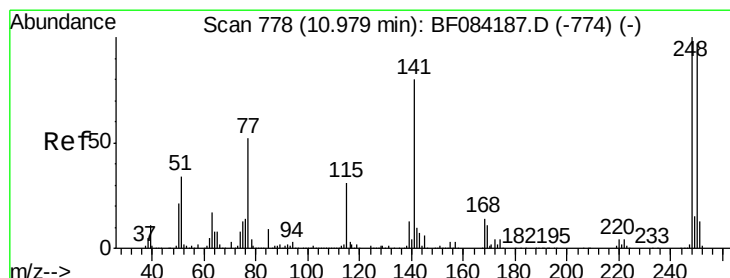
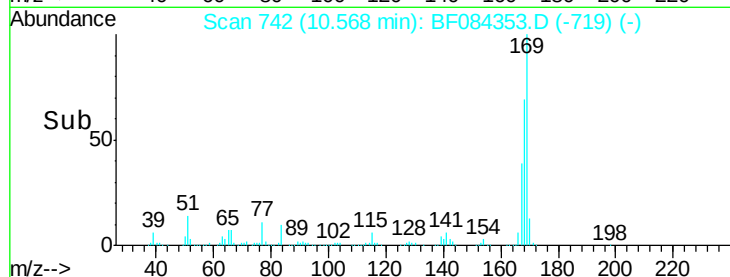
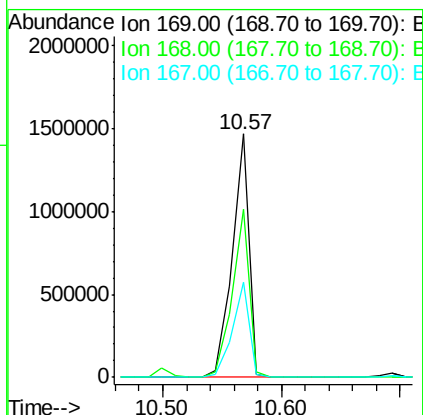
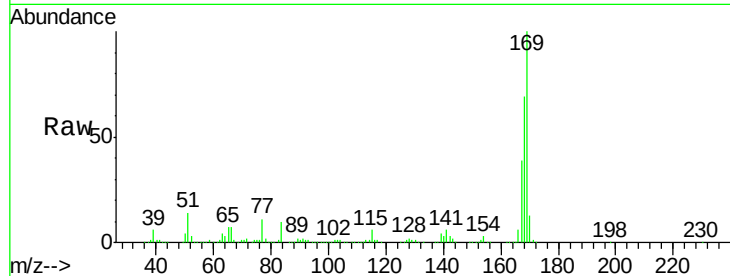




#65
n-Nitrosodiphenylamine
Concen: 48.18 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.03 min
Lab File: BF084353.D
Acq: 10 Jan 2016 9:45

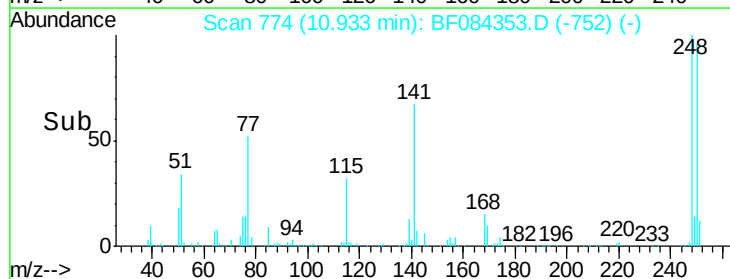
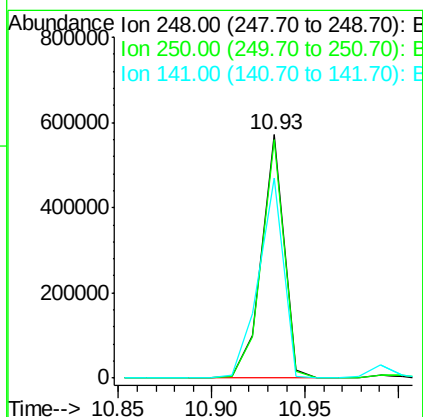
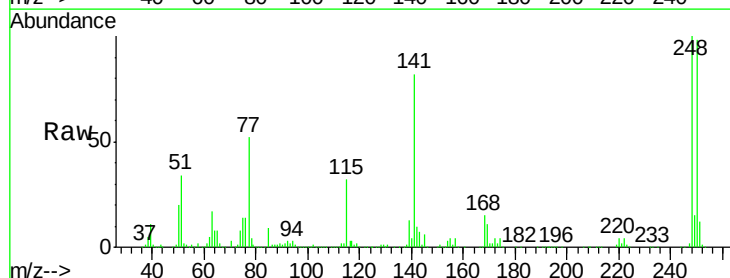
Instrument :
BNA_F
ClientSampleId :
SB-1S(0-10)MS

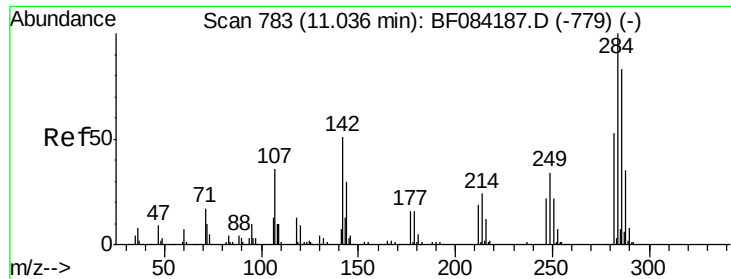
Tot Ion:169 Resp: 1431135
Ion Ratio Lower Upper
169 100
168 68.9 55.1 82.7
167 39.0 30.0 45.0



#66
4-Bromophenyl-phenylether
Concen: 47.63 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.05 min
Lab File: BF084353.D
Acq: 10 Jan 2016 9:45

Tgt Ion:248 Resp: 476278
Ion Ratio Lower Upper
248 100
250 98.1 78.4 117.6
141 82.3 44.0 66.0#

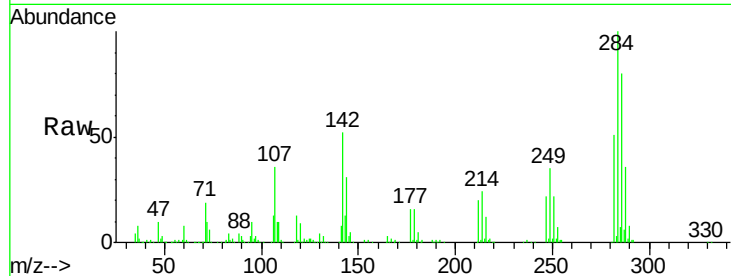




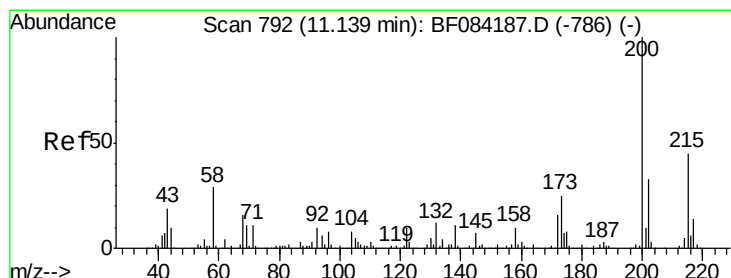
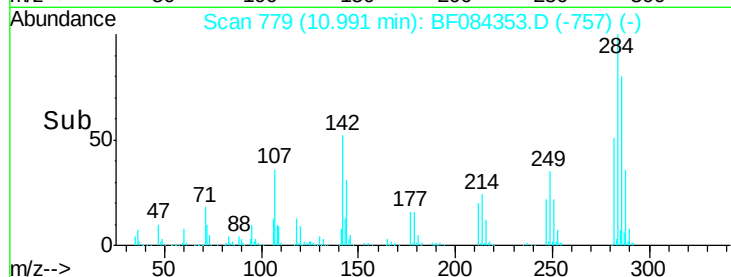
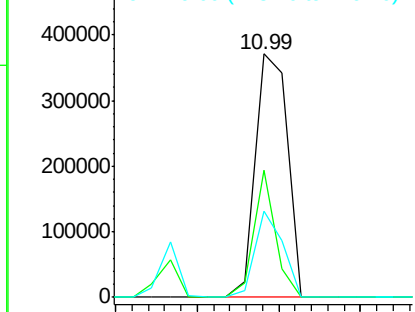
#67
Hexachlorobenzene
Concen: 44.96 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.05 min
Lab File: BF084353.D
Acq: 10 Jan 2016 9:45

Instrument :
BNA_F
ClientSampleId :
SB-1S(0-10)MS

Tot Ion:284 Resp: 505971
Ion Ratio Lower Upper
284 100
142 52.0 22.2 33.4#
249 35.3 24.6 37.0

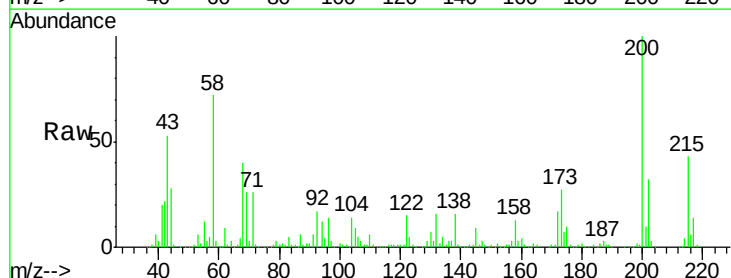


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

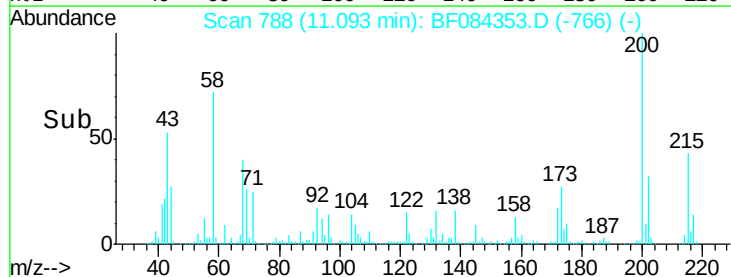
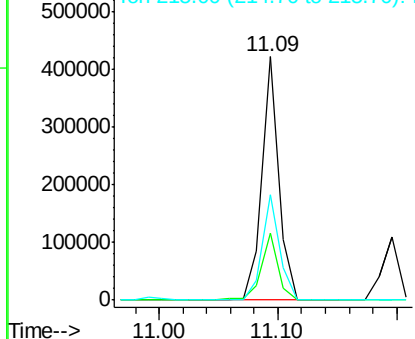


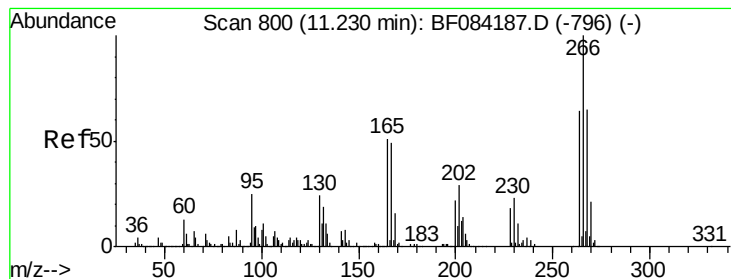
#68
Atrazine
Concen: 43.71 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.05 min
Lab File: BF084353.D
Acq: 10 Jan 2016 9:45

Tgt Ion:200 Resp: 424804
Ion Ratio Lower Upper
200 100
173 27.3 9.5 49.5
215 43.1 23.8 63.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 88.16 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.03 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

Instrument :

BNA_F

ClientSampleId :

SB-1S(0-10)MS

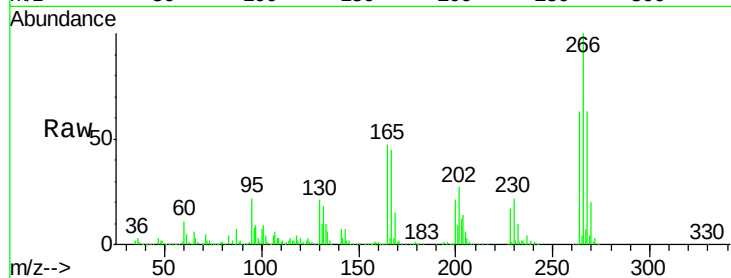
Tot Ion:266 Resp: 514447

Ion Ratio Lower Upper

266 100

268 63.1 52.4 78.6

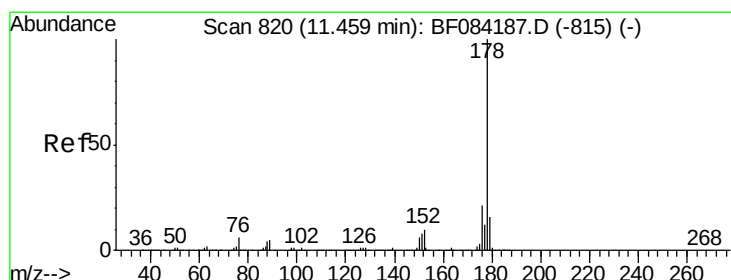
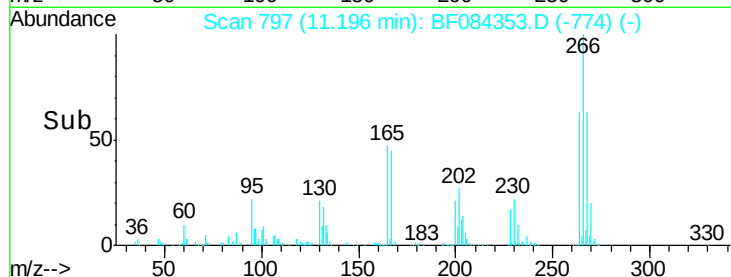
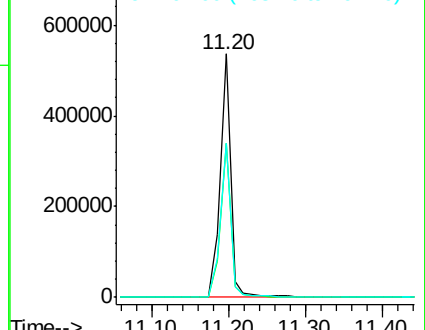
264 63.2 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 49.65 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.05 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

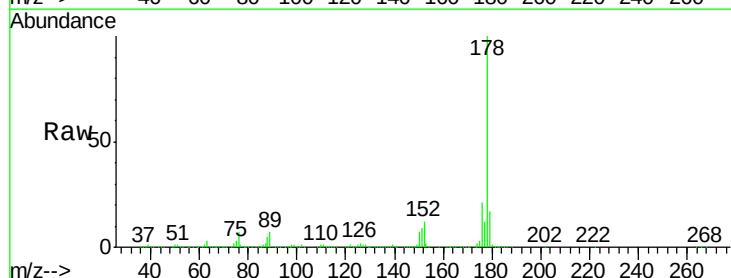
Tgt Ion:178 Resp: 2412700

Ion Ratio Lower Upper

178 100

176 21.4 15.3 22.9

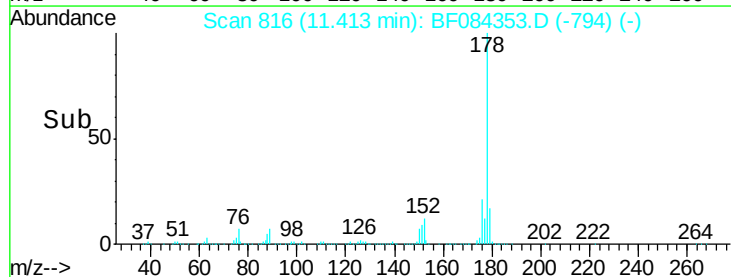
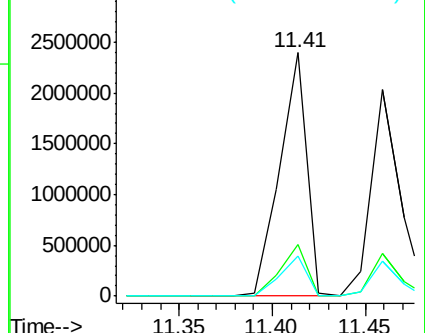
179 16.7 12.0 18.0

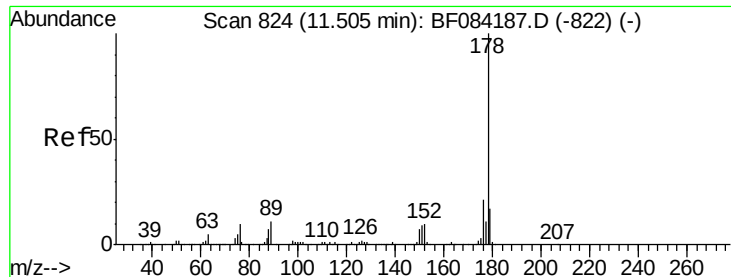


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

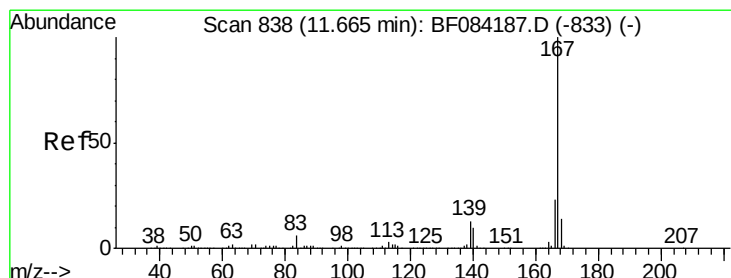
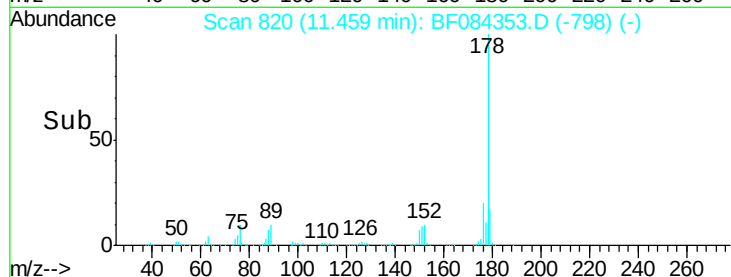
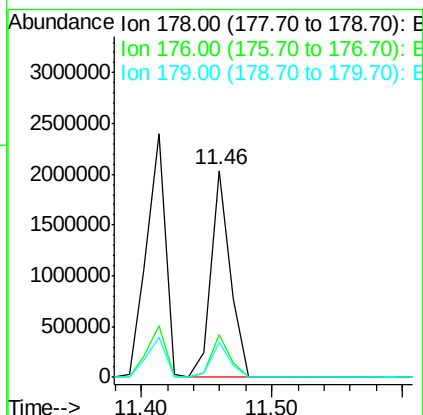
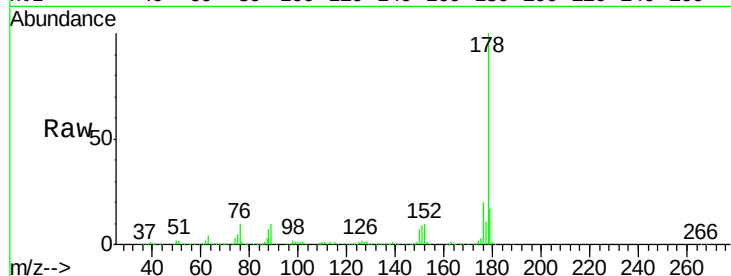




#71
 Anthracene
 Concen: 44.23 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.04 min
 Lab File: BF084353.D
 Acq: 10 Jan 2016 9:45

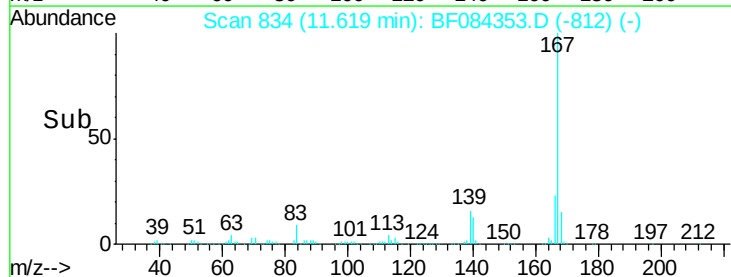
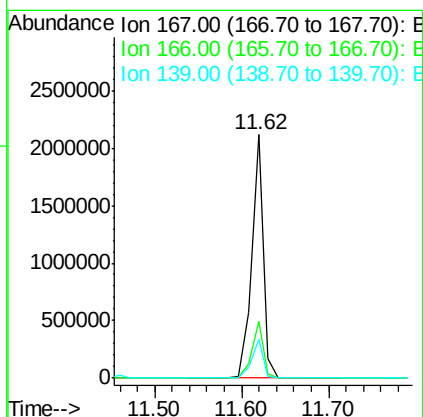
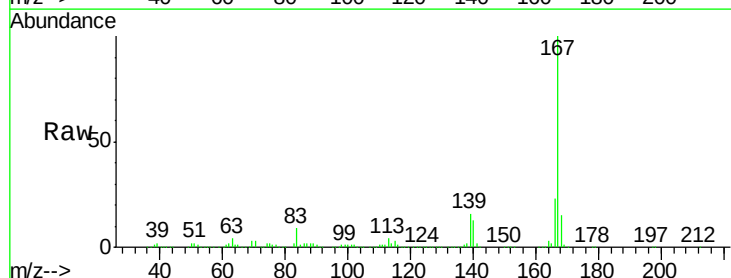
Instrument :
 BNA_F
 ClientSampleId :
 SB-1S(0-10)MS

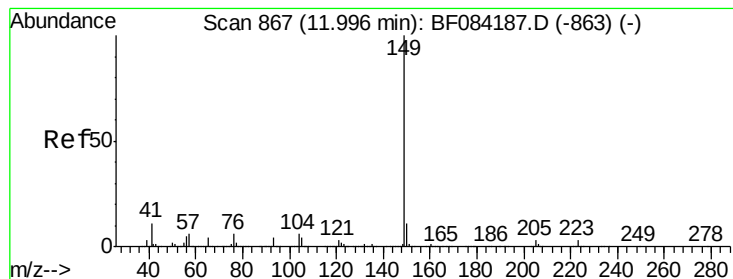
Tot Ion:178 Resp: 2106633
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.4 23.0
 179 16.8 12.5 18.7



#72
 Carbazole
 Concen: 42.65 ng
 RT: 11.62 min Scan# 834
 Delta R.T. -0.05 min
 Lab File: BF084353.D
 Acq: 10 Jan 2016 9:45

Tgt Ion:167 Resp: 1985901
 Ion Ratio Lower Upper
 167 100
 166 23.4 17.6 26.4
 139 15.8 11.8 17.8





#73

Di-n-butylphthalate

Concen: 48.49 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.05 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

Instrument :

BNA_F

ClientSampleId :

SB-1S(0-10)MS

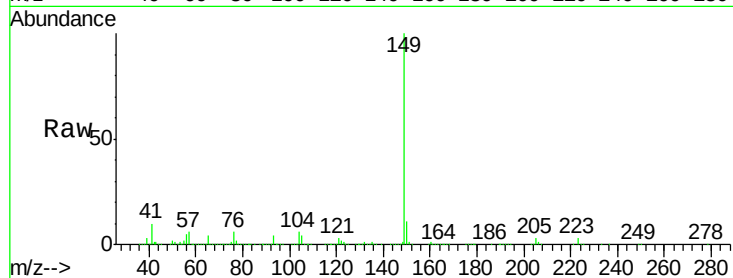
Tot Ion:149 Resp: 2353269

Ion Ratio Lower Upper

149 100

150 10.5 7.1 10.7

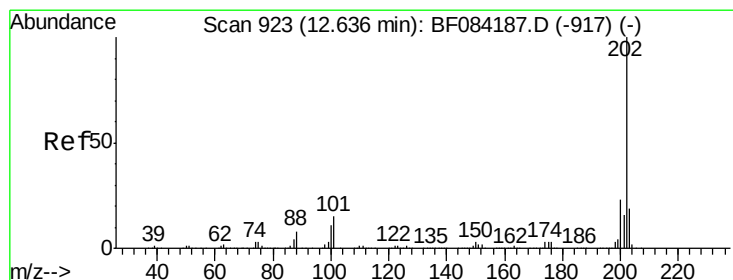
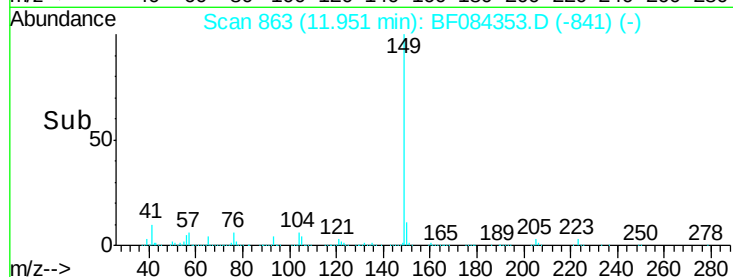
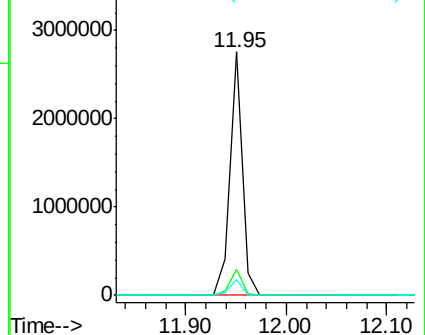
104 6.4 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.60 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.05 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

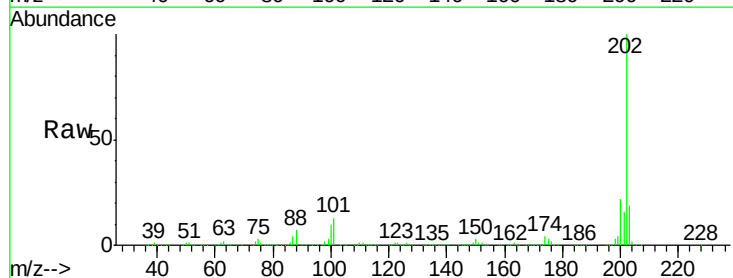
Tgt Ion:202 Resp: 2365611

Ion Ratio Lower Upper

202 100

101 13.2 0.0 32.8

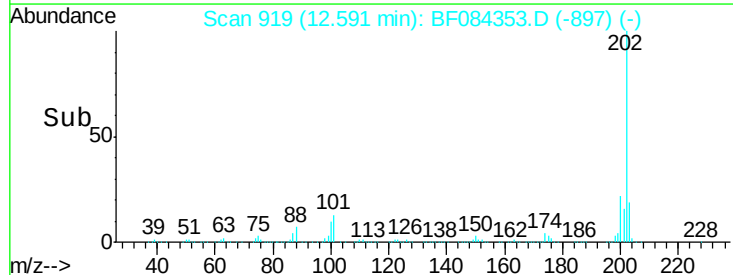
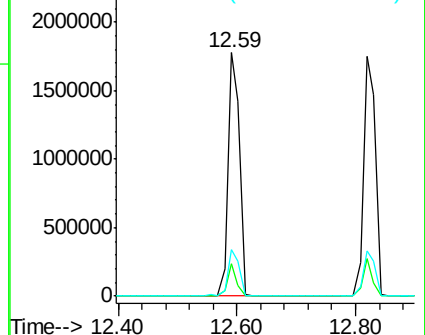
203 18.9 0.0 37.9

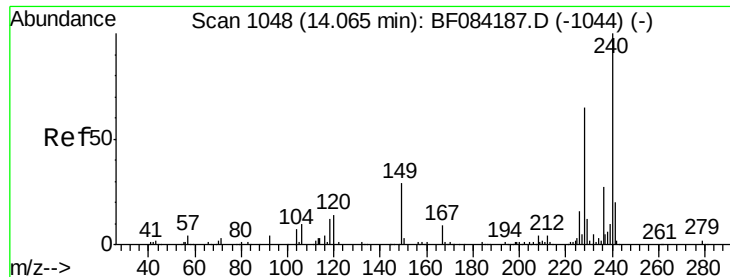


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

Instrument :

BNA_F

ClientSampleId :

SB-1S(0-10)MS

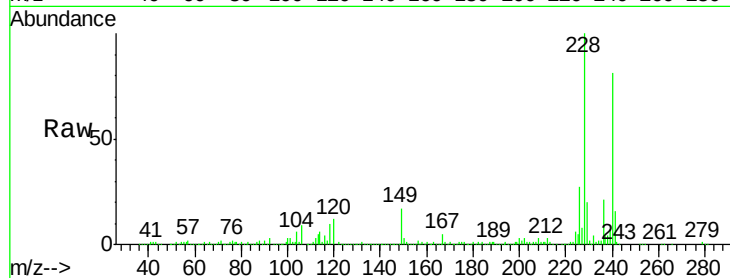
Tot Ion:240 Resp: 669724

Ion Ratio Lower Upper

240 100

120 14.2 9.5 14.3

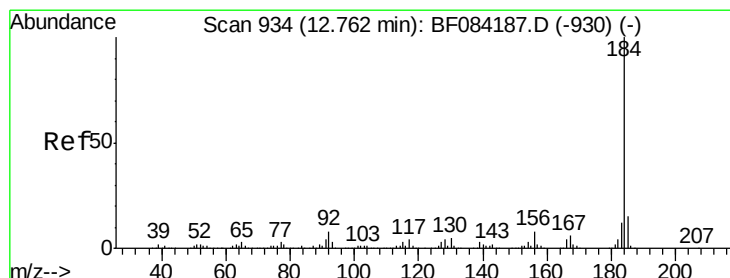
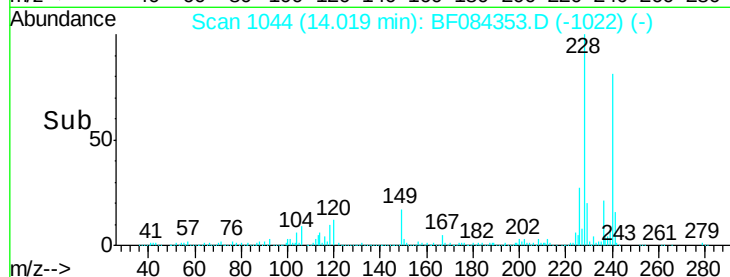
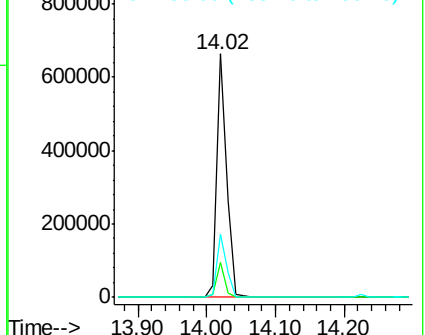
236 26.0 20.6 31.0



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: 19.53 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.05 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

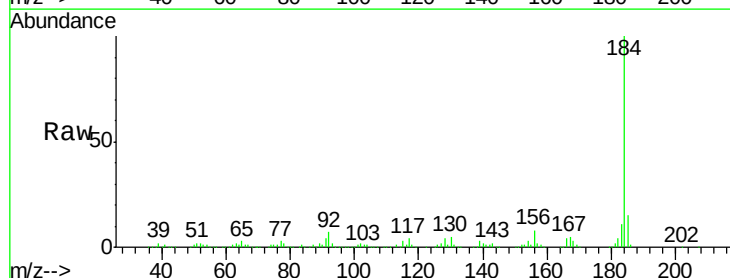
Tgt Ion:184 Resp: 468868

Ion Ratio Lower Upper

184 100

185 14.9 12.2 18.2

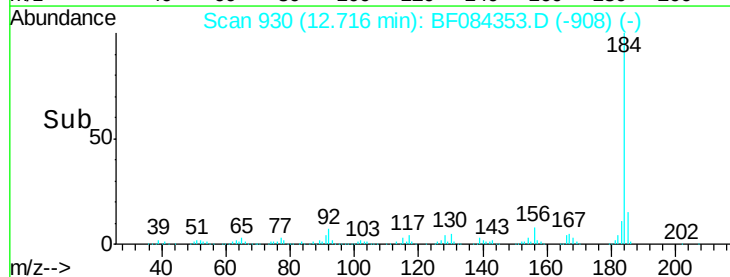
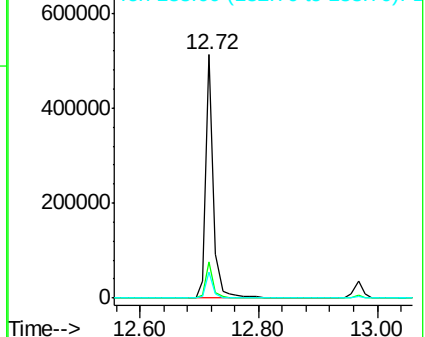
183 10.9 9.8 14.8

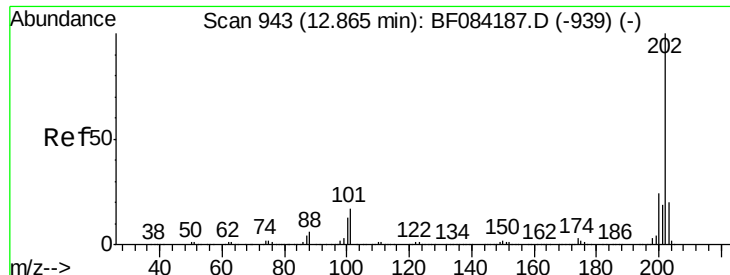


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

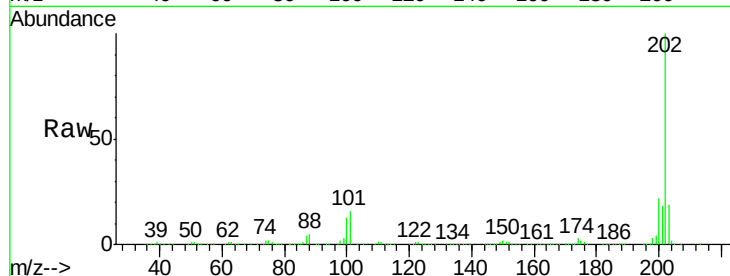




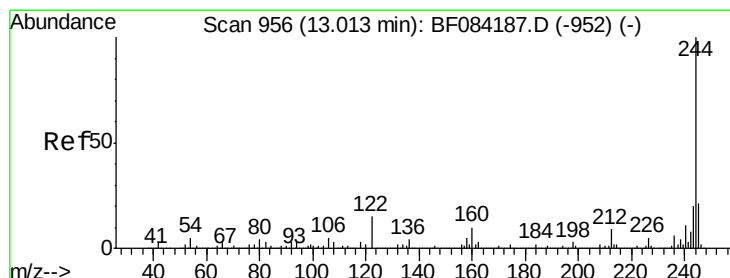
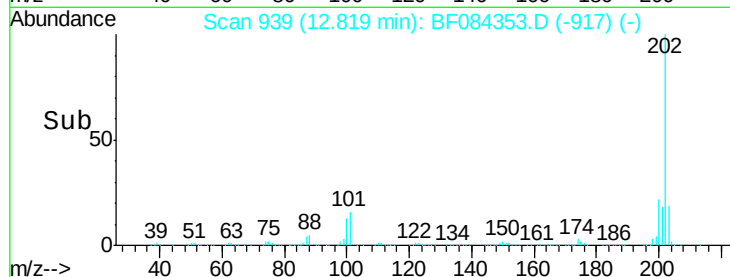
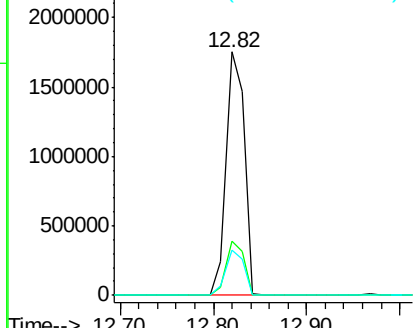
#77
Pvrene
Concen: 45.69 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.05 min
Lab File: BF084353.D
Acq: 10 Jan 2016 9:45

Instrument :
BNA_F
ClientSampleId :
SB-1S(0-10)MS

Tot Ion:202 Resp: 2401081
Ion Ratio Lower Upper
202 100
200 22.5 17.2 25.8
203 18.8 14.3 21.5

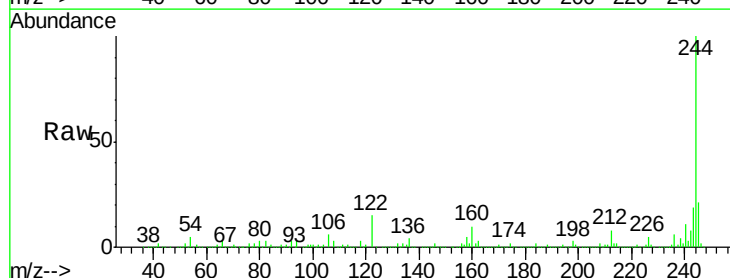


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

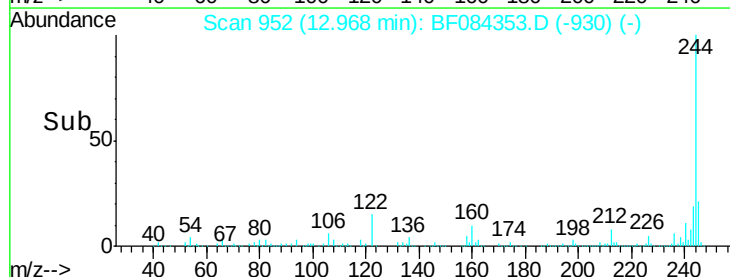
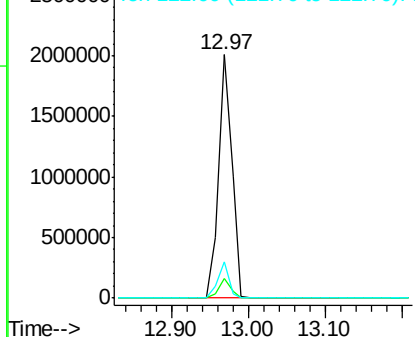


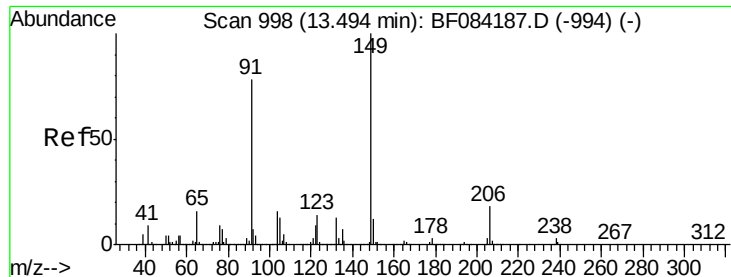
#78
Terphenyl-d14
Concen: 81.12 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.05 min
Lab File: BF084353.D
Acq: 10 Jan 2016 9:45

Tgt Ion:244 Resp: 2433969
Ion Ratio Lower Upper
244 100
212 8.2 5.7 8.5
122 15.0 7.4 11.0#



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

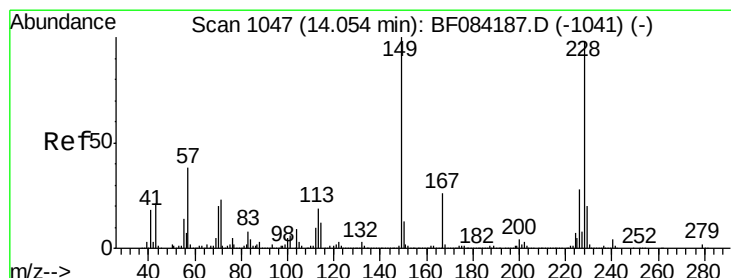
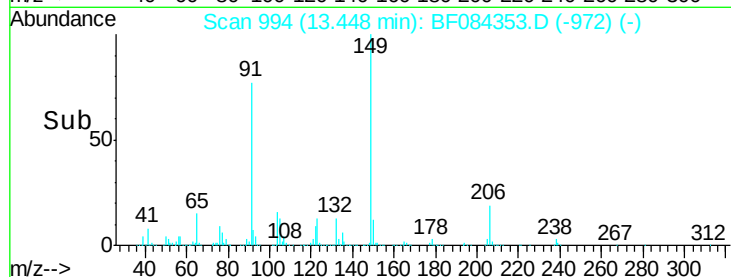
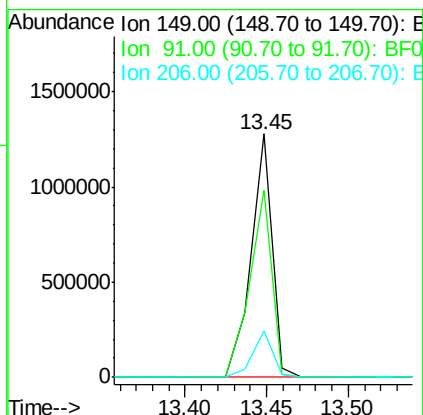
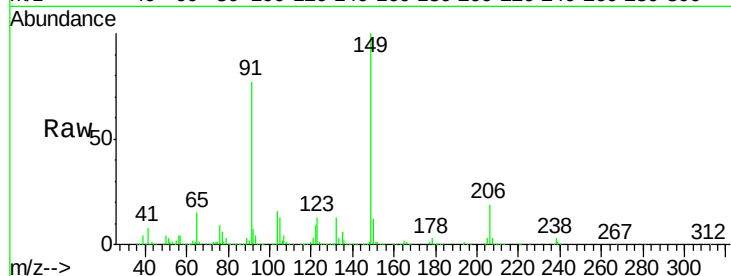




#79
Butylbenzylphthalate
Concen: 50.40 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.05 min
Lab File: BF084353.D
Acq: 10 Jan 2016 9:45

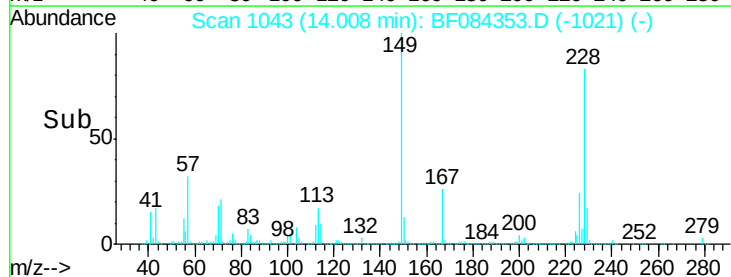
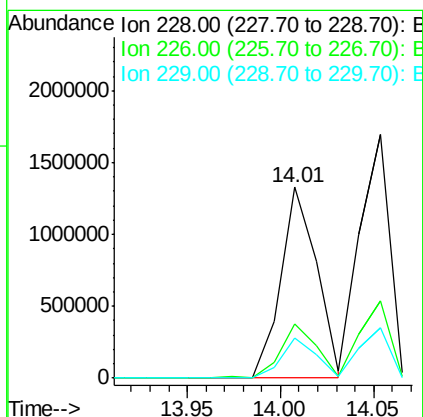
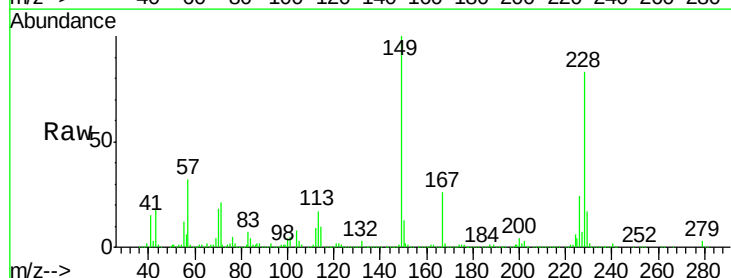
Instrument :
BNA_F
ClientSampleId :
SB-1S(0-10)MS

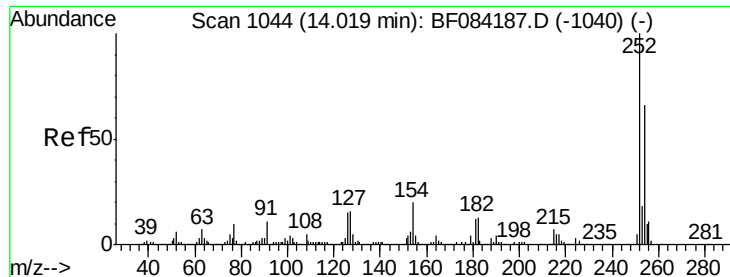
Tot Ion:149 Resp: 1146165
Ion Ratio Lower Upper
149 100
91 76.7 57.6 86.4
206 18.9 13.2 19.8



#80
Benzo(a)anthracene
Concen: 45.13 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.05 min
Lab File: BF084353.D
Acq: 10 Jan 2016 9:45

Tgt Ion:228 Resp: 1774876
Ion Ratio Lower Upper
228 100
226 28.8 21.8 32.6
229 20.9 15.8 23.8





#81

3,3'-Dichlorobenzidine

Concen: 30.07 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

Instrument :

BNA_F

ClientSampleId :

SB-1S(0-10)MS

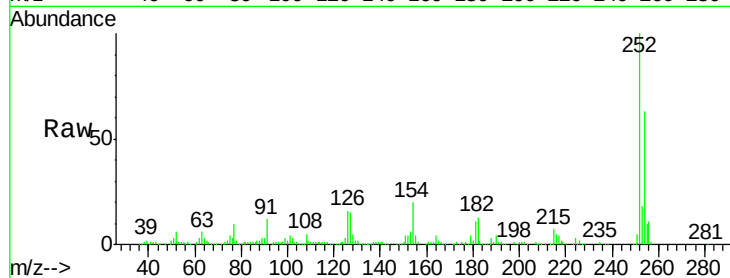
Tot Ion:252 Resp: 412721

Ion Ratio Lower Upper

252 100

254 62.6 53.5 80.3

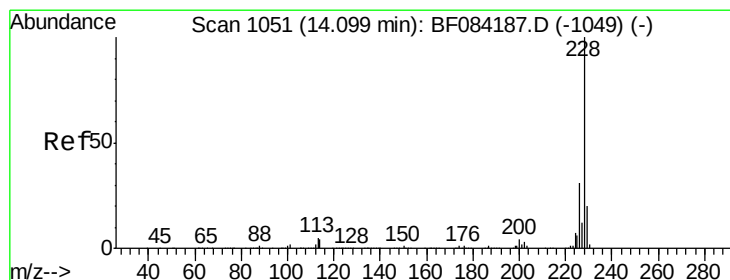
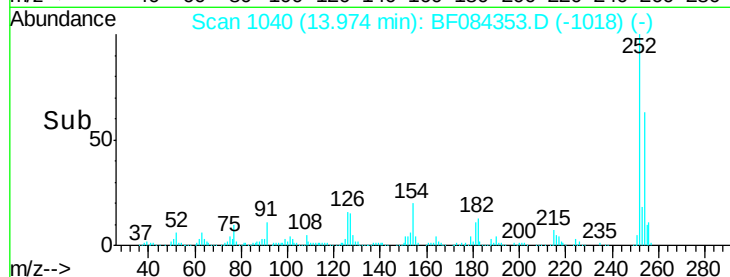
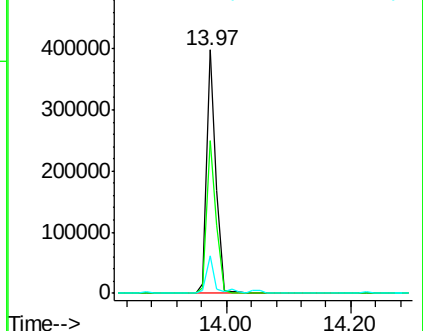
126 15.6 4.9 7.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 50.45 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.05 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

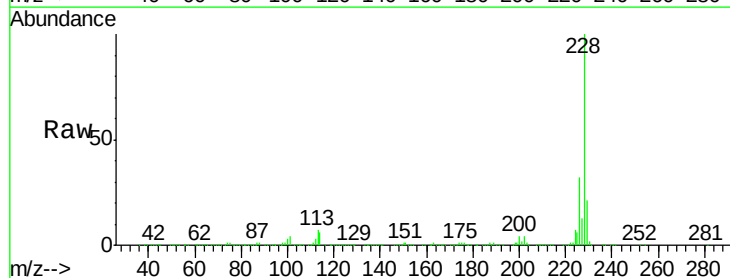
Tgt Ion:228 Resp: 1906569

Ion Ratio Lower Upper

228 100

226 31.7 24.3 36.5

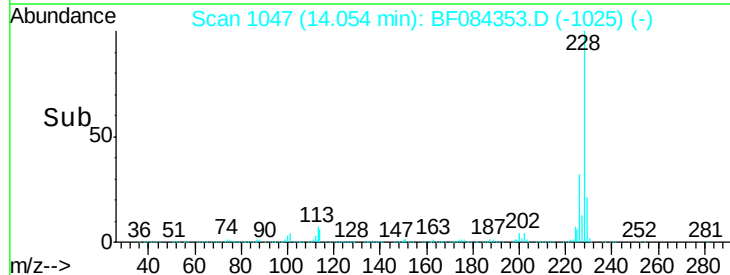
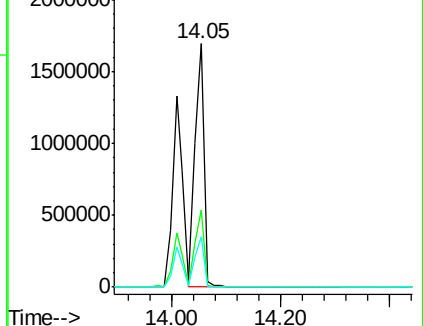
229 20.6 16.1 24.1

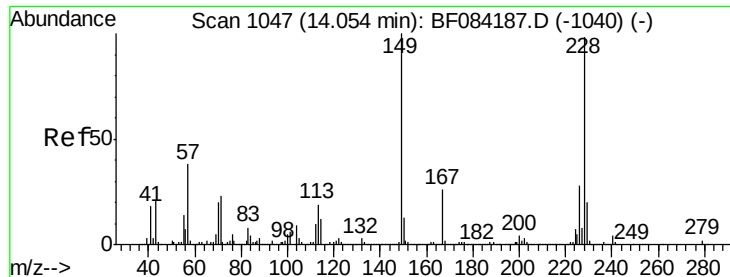


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.65 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.05 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

Instrument :

BNA_F

ClientSampleId :

SB-1S(0-10)MS

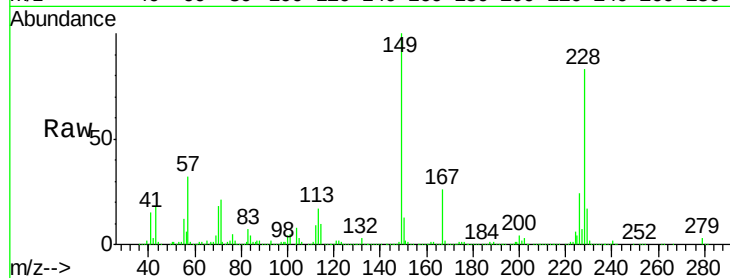
Tot Ion:149 Resp: 1397722

Ion Ratio Lower Upper

149 100

167 26.0 19.7 29.5

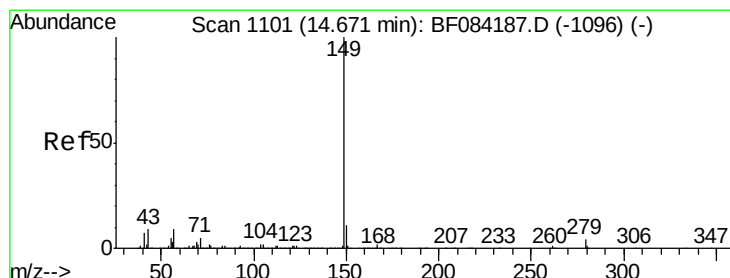
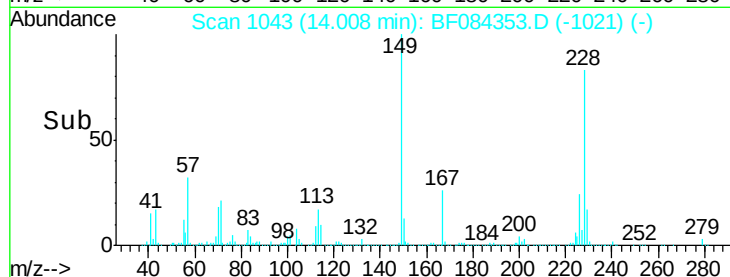
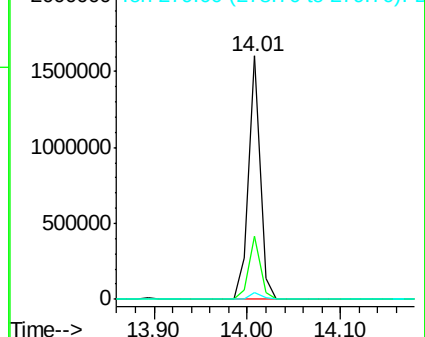
279 2.8 1.8 2.6#



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: 49.03 ng

RT: 14.61 min Scan# 1096

Delta R.T. -0.06 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

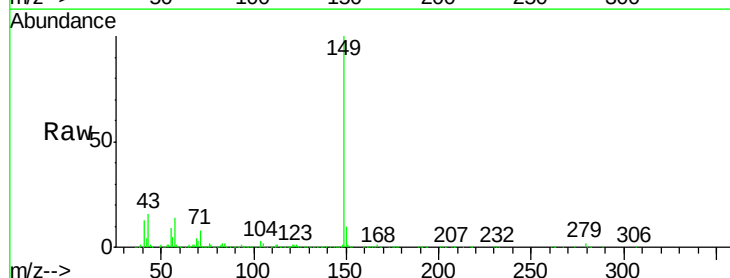
Tgt Ion:149 Resp: 2378517

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

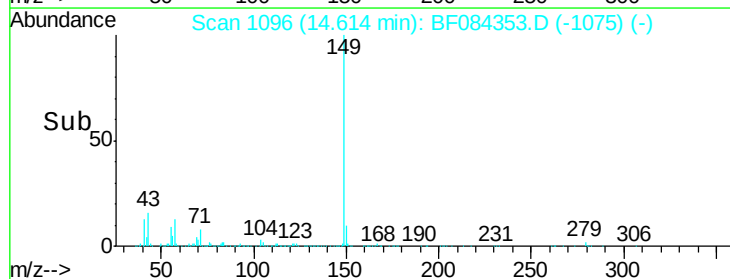
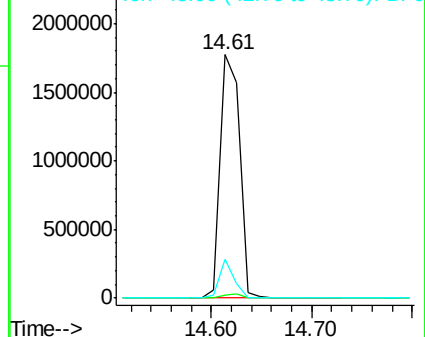
43 11.8 5.6 8.4#

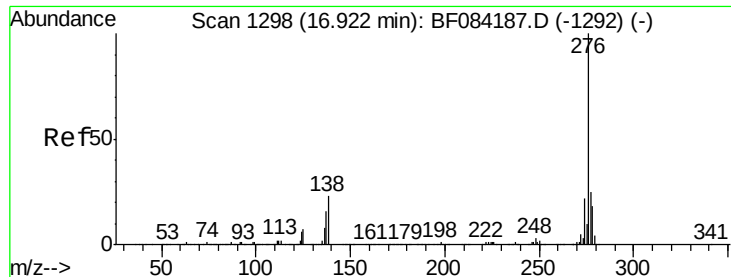


Abundance Ion 149.00 (148.70 to 149.70): E

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: 48.26 ng

RT: 16.84 min Scan# 1291

Delta R.T. -0.08 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

Instrument :

BNA_F

ClientSampleId :

SB-1S(0-10)MS

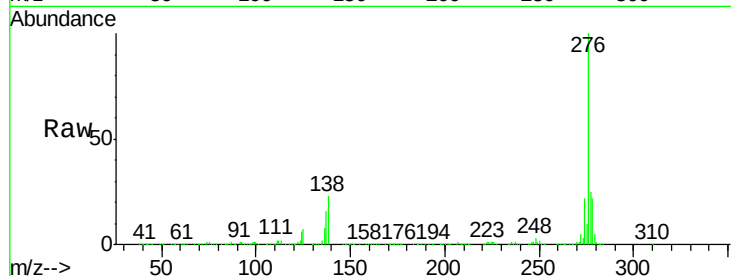
Tot Ion:276 Resp: 1445445

Ion Ratio Lower Upper

276 100

138 25.8 20.6 30.8

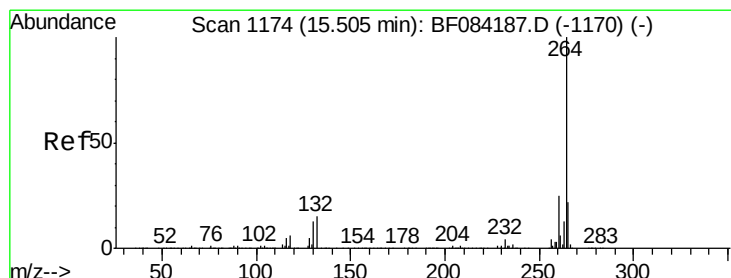
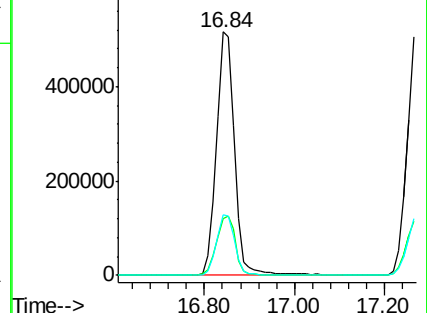
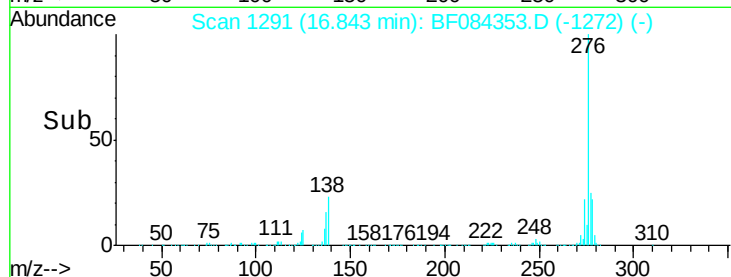
277 25.4 20.1 30.1



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: 15.45 min Scan# 1169

Delta R.T. -0.06 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

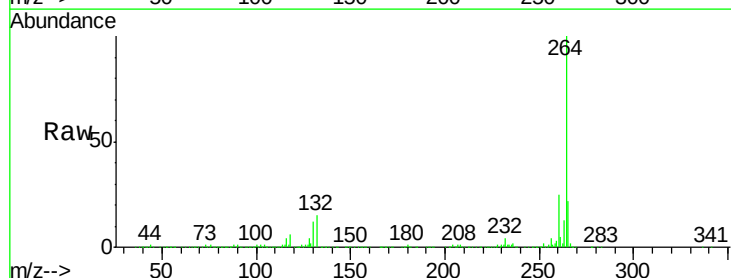
Tgt Ion:264 Resp: 553805

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

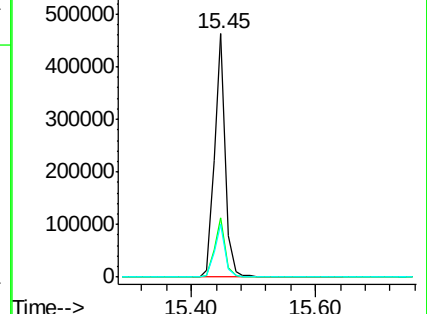
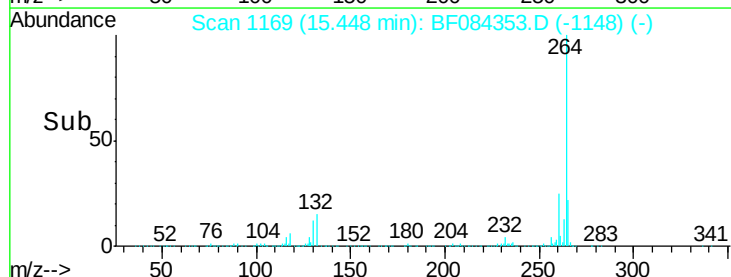
265 21.9 17.8 26.6

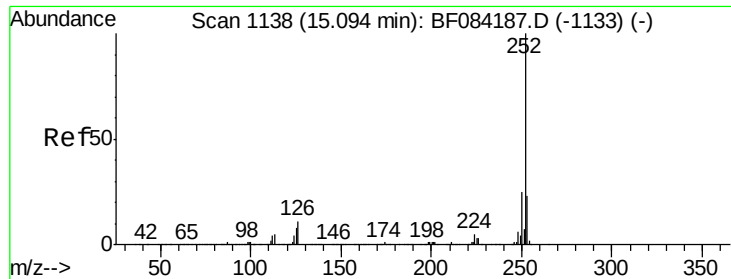


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

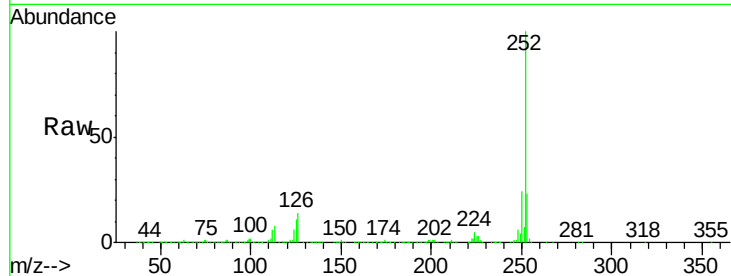




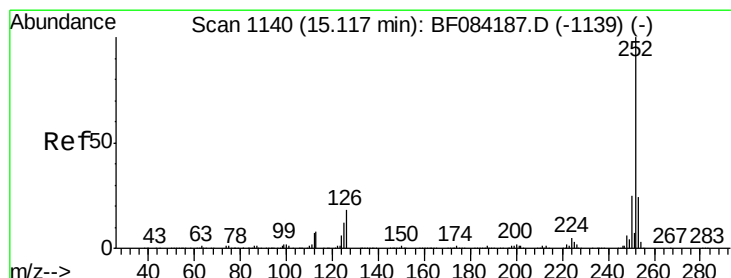
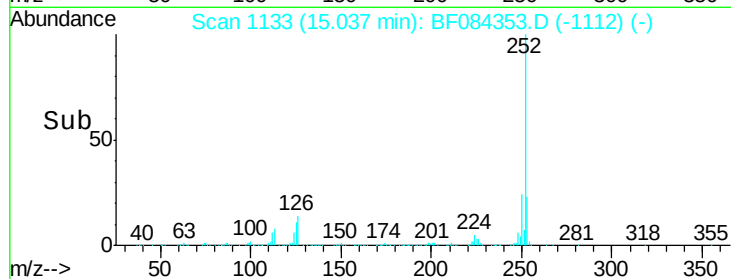
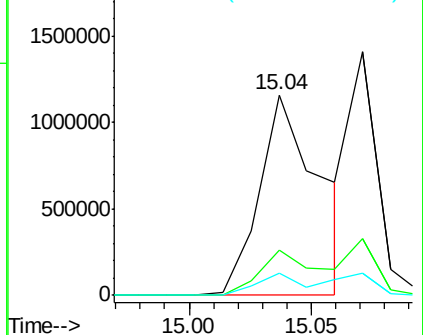
#87
Benzo(b)fluoranthene
Concen: 55.40 ng m
RT: 15.04 min Scan# 1133
Delta R.T. -0.06 min
Lab File: BF084353.D
Acq: 10 Jan 2016 9:45

Instrument :
BNA_F
ClientSampleId :
SB-1S(0-10)MS

Tot Ion:252 Resp: 2007030
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 10.9 6.5 9.7#

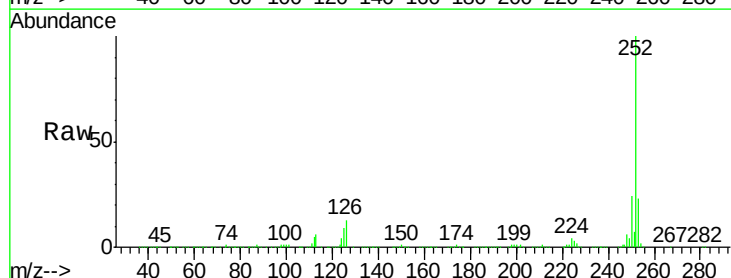


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

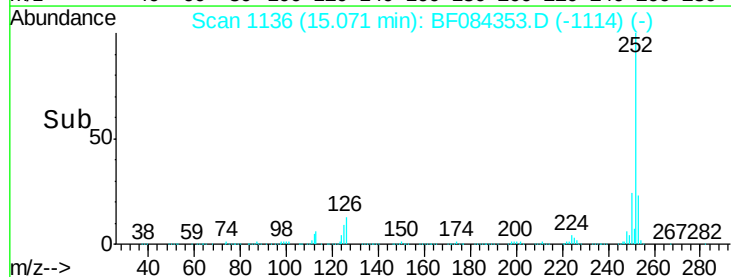
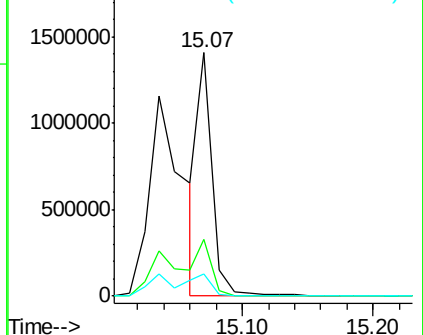


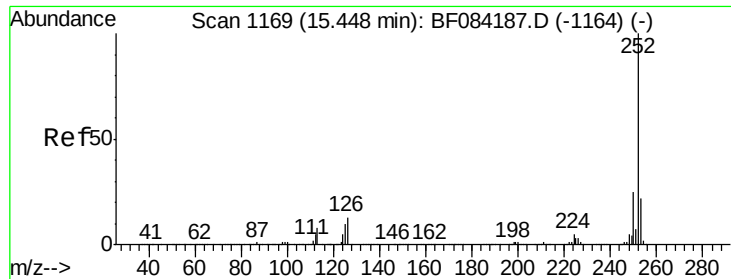
#88
Benzo(k)fluoranthene
Concen: 37.97 ng m
RT: 15.07 min Scan# 1136
Delta R.T. -0.05 min
Lab File: BF084353.D
Acq: 10 Jan 2016 9:45

Tgt Ion:252 Resp: 1124995
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 9.1 9.0 13.6



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

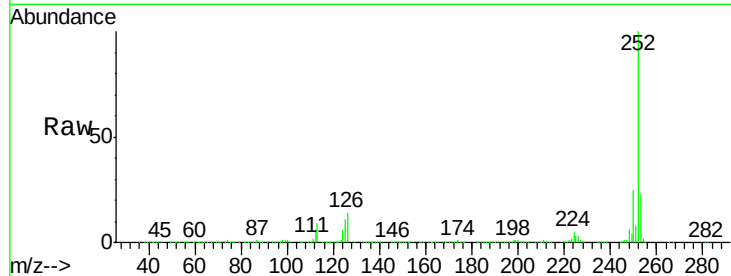




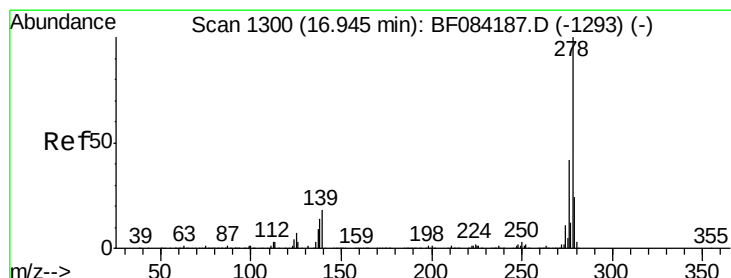
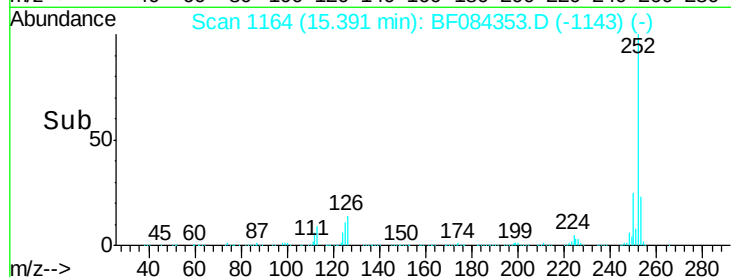
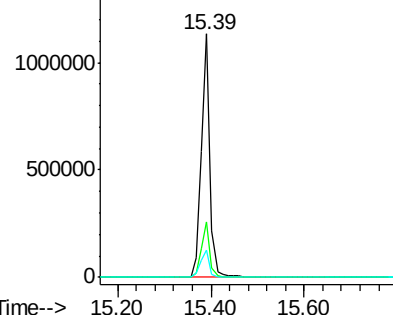
#89
Benzo(a)pyrene
Concen: 46.93 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF084353.D
Acq: 10 Jan 2016 9:45

Instrument :
BNA_F
ClientSampleId :
SB-1S(0-10)MS

Tot Ion:252 Resp: 1442111
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 11.0 7.0 10.4#

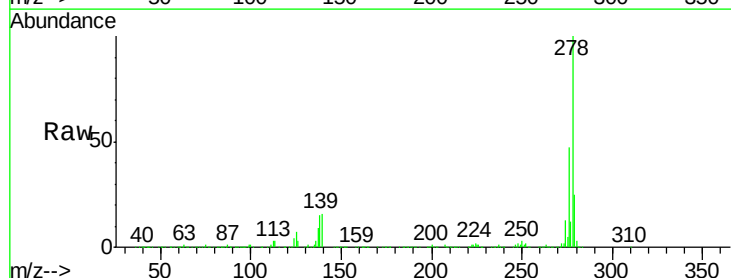


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

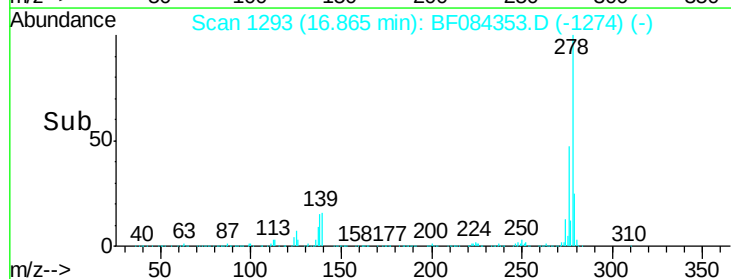
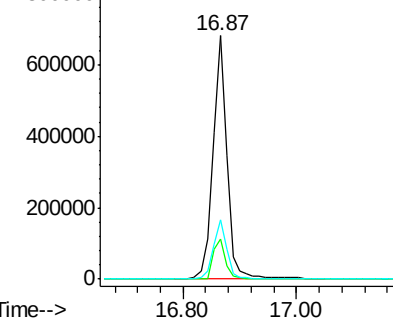


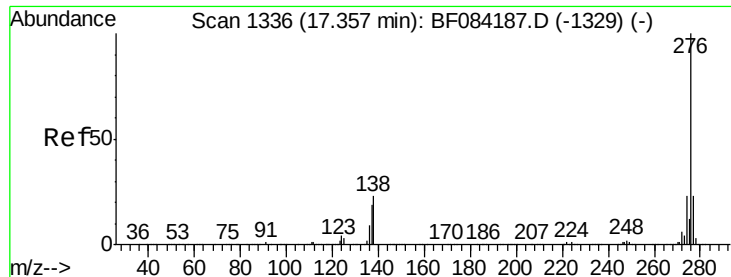
#90
Dibenzo(a,h)anthracene
Concen: 44.82 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.08 min
Lab File: BF084353.D
Acq: 10 Jan 2016 9:45

Tgt Ion:278 Resp: 1185114
Ion Ratio Lower Upper
278 100
139 16.4 15.0 22.4
279 24.6 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 44.05 ng

RT: 17.27 min Scan# 1328

Delta R.T. -0.09 min

Lab File: BF084353.D

Acq: 10 Jan 2016 9:45

Instrument :

BNA_F

ClientSampleId :

SB-1S(0-10)MS

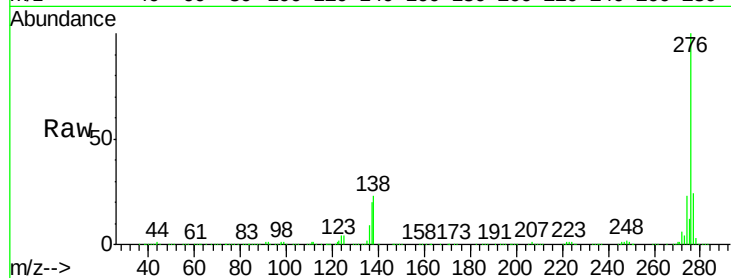
Tot Ion:276 Resp: 1206228

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 22.7 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

