

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010716\
 Data File : BF084309.D
 Acq On : 7 Jan 2016 17:01
 Operator : SJ/UM
 Sample : H1028-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW002MS

Quant Time: Jan 08 00:05:02 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	6.86	152	236310	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	963636	20.00	ng	-0.03
38) Acenaphthene-d10	9.92	164	453579	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	805192	20.00	ng	-0.03
75) Chrysene-d12	14.03	240	644022	20.00	ng	-0.03
86) Perylene-d12	15.46	264	518969	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	2179015	149.15	ng	0.00
7) Phenol-d6	6.52	99	2418646	131.81	ng	-0.01
23) Nitrobenzene-d5	7.44	82	1664833	96.15	ng	-0.03
41) 2,4,6-Tribromophenol	10.70	330	586061	127.98	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2597300	102.00	ng	-0.03
78) Terphenyl-d14	12.98	244	2179956	75.56	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.52	88	277333	40.07	ng	# 73
3) Pyridine	3.25	79	794935	41.20	ng	# 71
4) n-Nitrosodimethylamine	3.22	42	471618	47.62	ng	82
6) Aniline	6.53	93	851263	31.71	ng	# 24
8) 2-Chlorophenol	6.66	128	793012	47.84	ng	88
9) Benzaldehyde	6.41	77	232078	19.42	ng	89
10) Phenol	6.53	94	933754	44.76	ng	77
11) bis(2-Chloroethyl)ether	6.61	93	849326	52.55	ng	87
12) 1,3-Dichlorobenzene	7.05	146	741875	43.39	ng	96
13) 1,4-Dichlorobenzene	6.89	146	843935	49.22	ng	95
14) 1,2-Dichlorobenzene	7.05	146	741937	45.18	ng	93
15) Benzyl Alcohol	7.01	79	739751	47.93	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1312321	44.59	ng	88
17) 2-Methylphenol	7.14	107	662954	47.72	ng	# 93
18) Hexachloroethane	7.38	117	321459	46.88	ng	# 90
19) n-Nitroso-di-n-propylamine	7.30	70	603101	48.56	ng	# 80
20) 3+4-Methylphenols	7.29	107	801873	49.11	ng	# 50
22) Acetophenone	7.29	105	1107922	47.81	ng	# 91
24) Nitrobenzene	7.46	77	895581	51.00	ng	97
25) Isophorone	7.70	82	1588990	47.98	ng	99
26) 2-Nitrophenol	7.78	139	456299	57.09	ng	92
27) 2,4-Dimethylphenol	7.82	122	805299	49.78	ng	90
28) bis(2-Chloroethoxy)methane	7.92	93	1031039	50.97	ng	97
29) 2,4-Dichlorophenol	8.02	162	640928	47.56	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	707807	50.88	ng	97
31) Naphthalene	8.18	128	2125952	48.63	ng	98
32) Benzoic acid	7.92	122	158603	19.50	ng	95
33) 4-Chloroaniline	8.22	127	406483	20.28	ng	97
34) Hexachlorobutadiene	8.29	225	387852	48.50	ng	98
35) Caprolactam	8.60	113	132598	29.19	ng	# 43
36) 4-Chloro-3-methylphenol	8.73	107	790635	52.38	ng	93
37) 2-Methylnaphthalene	8.86	142	1465533	46.70	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	615707	47.22	ng	# 97
40) Hexachlorocyclopentadiene	9.02	237	701372	89.10	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	447875	45.91	ng	97
43) 2,4,5-Trichlorophenol	9.20	196	451488	48.28	ng #	86
45) 1,1'-Biphenyl	9.33	154	1638009	45.44	ng	99
46) 2-Chloronaphthalene	9.36	162	1262732	44.59	ng	96
47) 2-Nitroaniline	9.46	65	517862	55.41	ng	93
48) Acenaphthylene	9.78	152	2126028	50.82	ng	97
49) Dimethylphthalate	9.64	163	1754870	54.12	ng #	90
50) 2,6-Dinitrotoluene	9.70	165	325858	45.82	ng #	50
51) Acenaphthene	9.95	154	1557397	55.50	ng	98
52) 3-Nitroaniline	9.87	138	306194	34.75	ng	88
53) 2,4-Dinitrophenol	9.97	184	247965	81.77	ng #	89
54) Dibenzofuran	10.12	168	1917059	53.30	ng	97
55) 4-Nitrophenol	10.04	139	608371	95.10	ng #	79
56) 2,4-Dinitrotoluene	10.10	165	440144	48.90	ng #	81
57) Fluorene	10.46	166	1420366	50.85	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	365479	45.77	ng	94
59) Diethylphthalate	10.34	149	1480219	46.30	ng	99
60) 4-Chlorophenyl-phenylether	10.45	204	658635	57.79	ng	97
61) 4-Nitroaniline	10.49	138	366717	46.68	ng	94
62) Azobenzene	10.61	77	1717866	48.99	ng	91
64) 4,6-Dinitro-2-methylphenol	10.51	198	242072	49.82	ng	95
65) n-Nitrosodiphenylamine	10.58	169	1306441	50.75	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	454147	52.40	ng	97
67) Hexachlorobenzene	11.00	284	429536	44.04	ng #	80
68) Atrazine	11.10	200	418214	49.64	ng	99
69) Pentachlorophenol	11.21	266	440401	87.07	ng	99
70) Phenanthrene	11.42	178	2149509	51.04	ng	97
71) Anthracene	11.47	178	1925669	46.64	ng	97
72) Carbazole	11.63	167	1982832	49.12	ng	98
73) Di-n-butylphthalate	11.96	149	2344138	58.97	ng #	95
74) Fluoranthene	12.60	202	1940879	44.11	ng	99
76) Benzidine	12.73	184	942837	40.83	ng	99
77) Pyrene	12.83	202	1970064	38.98	ng	98
79) Butylbenzylphthalate	13.46	149	1084141	49.57	ng	96
80) Benzo(a)anthracene	14.02	228	1640106	43.37	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	397939	30.15	ng #	96
82) Chrysene	14.05	228	1472838	40.53	ng	97
83) Bis(2-ethylhexyl)phthalate	14.02	149	1315438	47.61	ng #	95
84) Di-n-octyl phthalate	14.63	149	2091461	44.84	ng #	86
85) Indeno(1,2,3-cd)pyrene	16.87	276	1484475	51.54	ng	99
87) Benzo(b)fluoranthene	15.05	252	1482573	43.67	ng #	96
88) Benzo(k)fluoranthene	15.05	252	1482573	53.40	ng	99
89) Benzo(a)pyrene	15.40	252	1416254	49.18	ng	98
90) Dibenzo(a,h)anthracene	16.88	278	1211051	48.88	ng	99
91) Benzo(g,h,i)perylene	17.29	276	1238393	48.26	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

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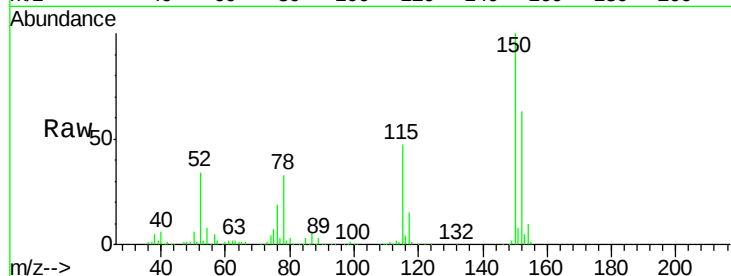
Tgt Ion:152 Resp: 236310

Ion Ratio Lower Upper

152 100

150 157.5 123.0 184.4

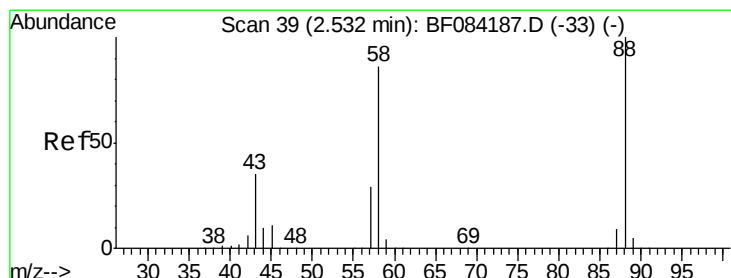
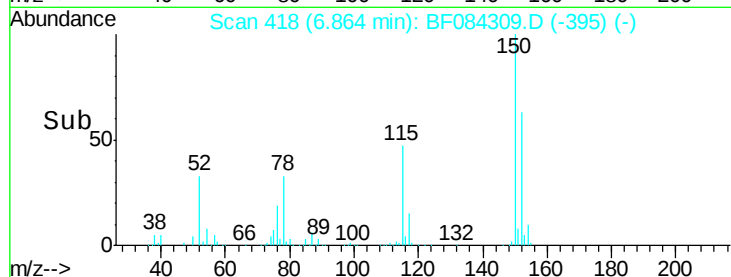
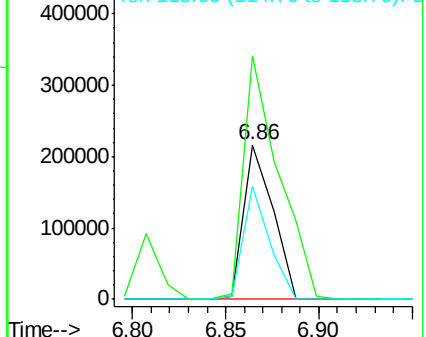
115 73.5 51.4 77.2



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: 40.07 ng

RT: 2.52 min Scan# 38

Delta R.T. -0.01 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

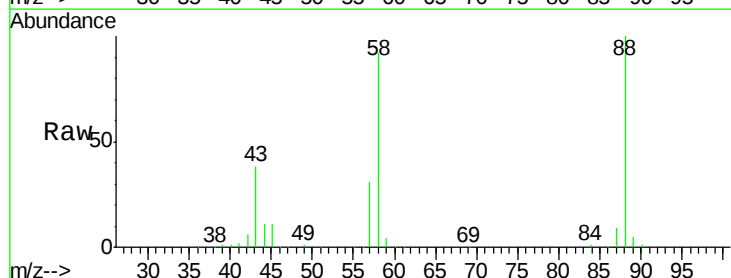
Tgt Ion: 88 Resp: 277333

Ion Ratio Lower Upper

88 100

58 86.3 51.2 76.8#

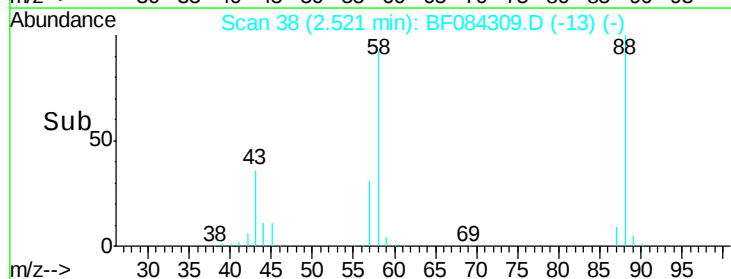
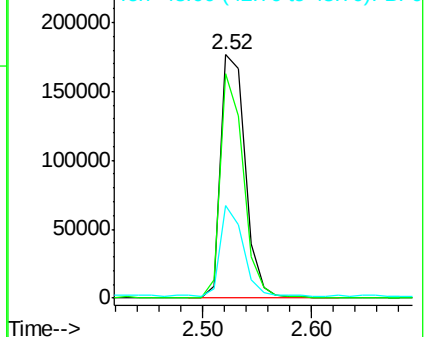
43 35.0 19.5 29.3#

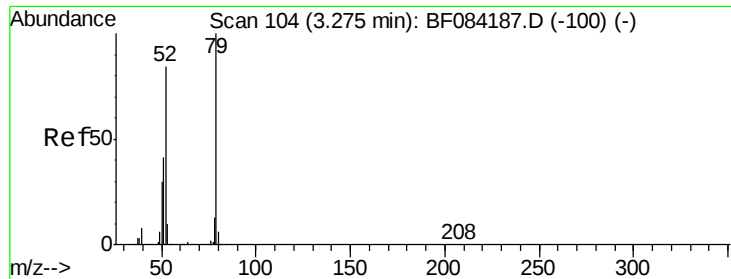


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 41.20 ng

RT: 3.25 min Scan# 102

Delta R.T. -0.02 min

Lab File: BF084309.D

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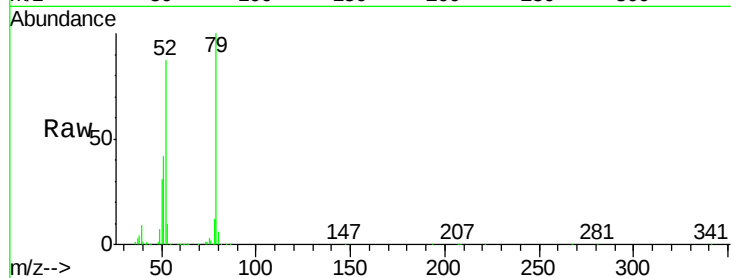
Tgt Ion: 79 Resp: 794935

Ion Ratio Lower Upper

79 100

52 87.2 49.0 73.4#

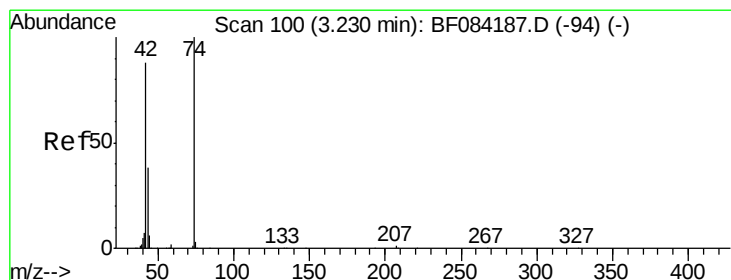
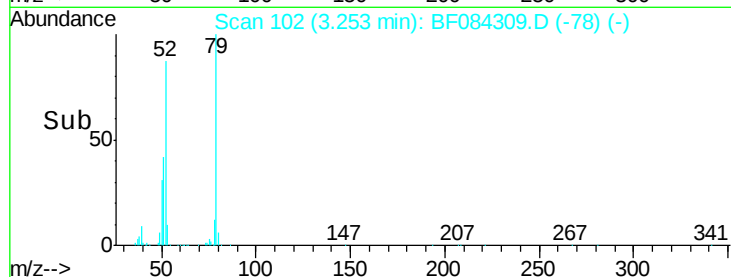
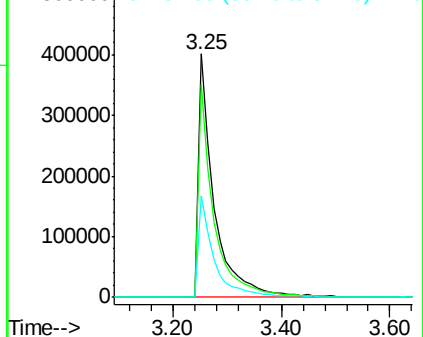
51 41.8 25.2 37.8#



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: 47.62 ng

RT: 3.22 min Scan# 99

Delta R.T. -0.01 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

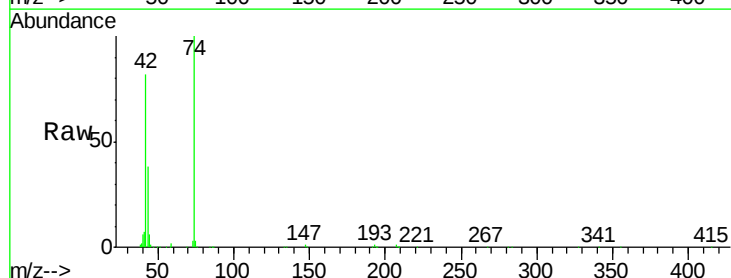
Tgt Ion: 42 Resp: 471618

Ion Ratio Lower Upper

42 100

74 121.8 115.7 173.5

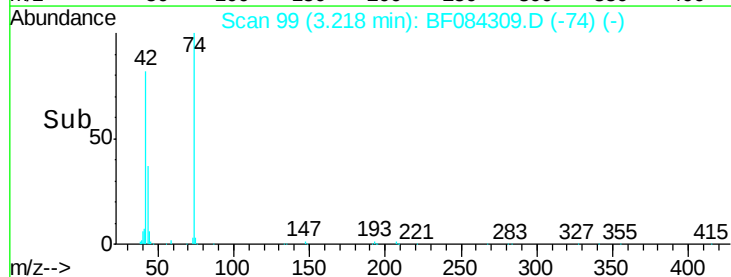
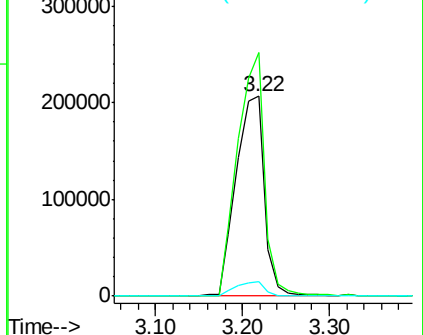
44 7.5 5.1 7.7

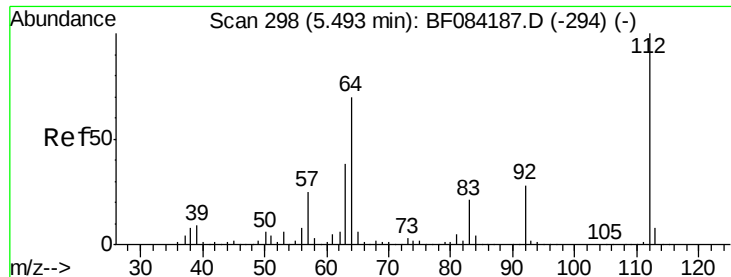


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 149.15 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

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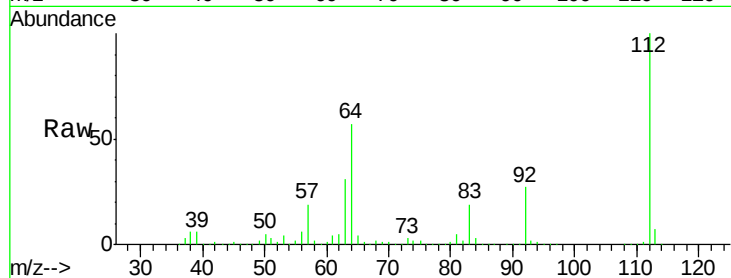
Tgt Ion: 112 Resp: 2179015

Ion Ratio Lower Upper

112 100

64 57.3 36.6 55.0#

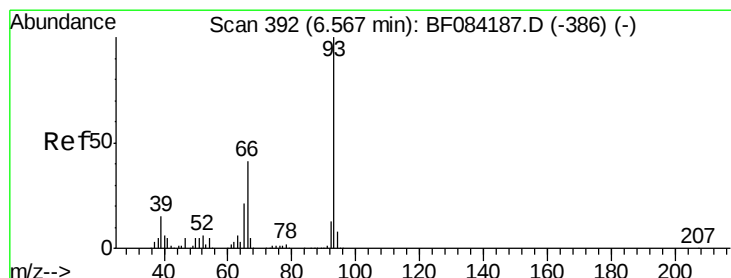
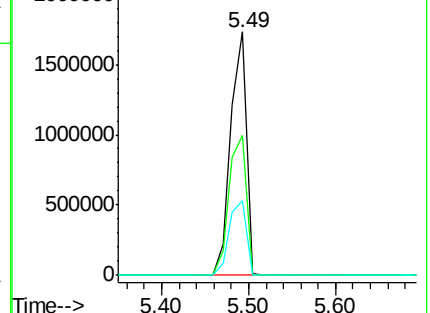
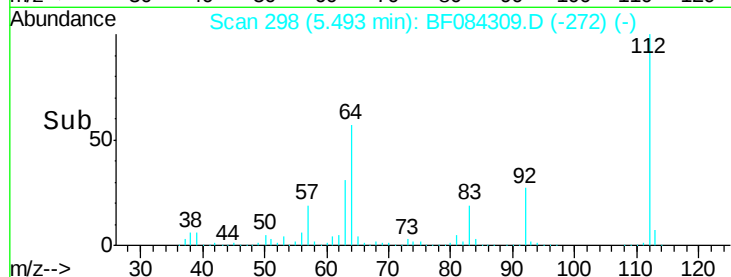
63 30.5 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 31.71 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

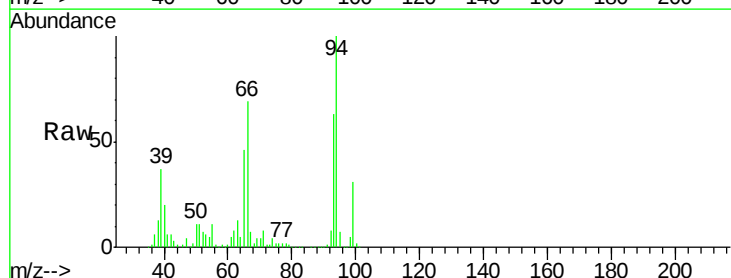
Tgt Ion: 93 Resp: 851263

Ion Ratio Lower Upper

93 100

66 110.1 44.9 67.3#

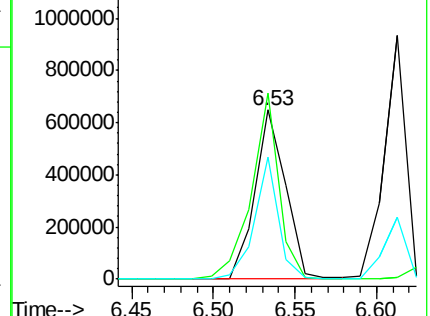
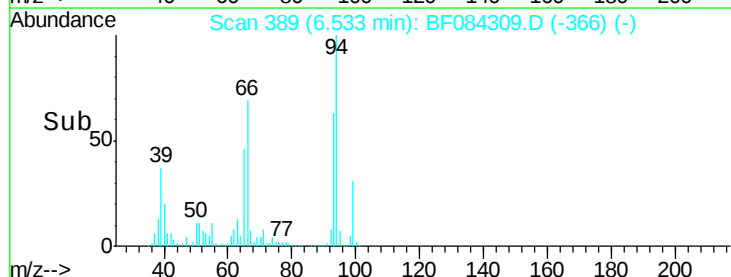
65 72.2 23.7 35.5#



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: 131.81 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

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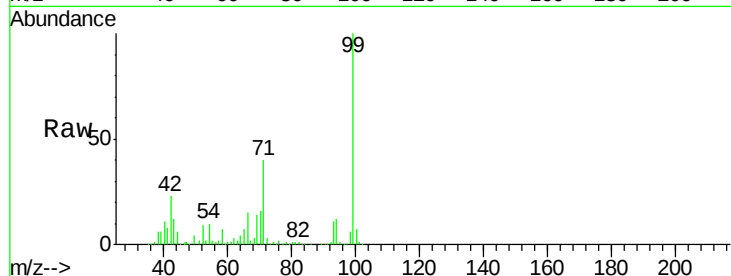
Tgt Ion: 99 Resp: 2418646

Ion Ratio Lower Upper

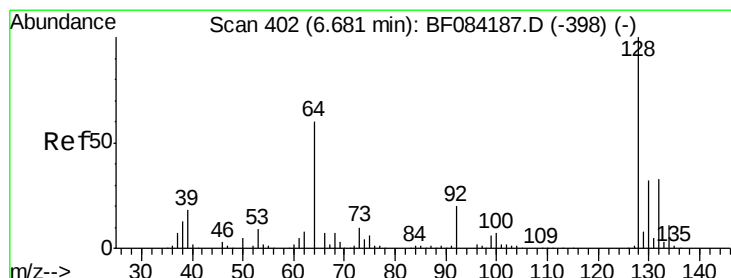
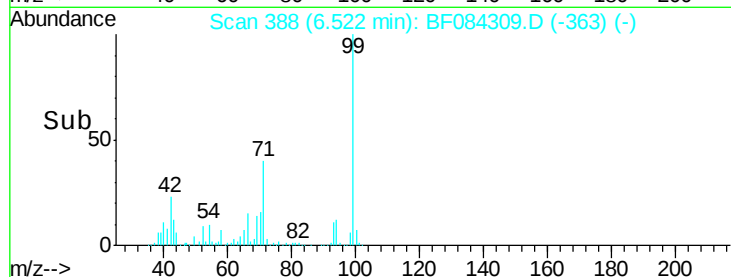
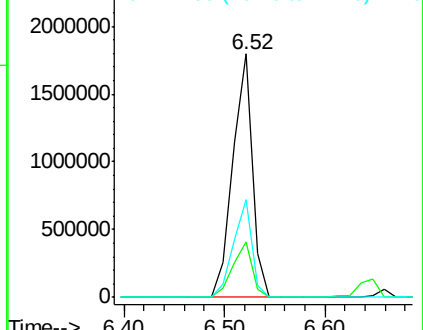
99 100

42 22.8 12.8 19.2#

71 40.1 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 47.84 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

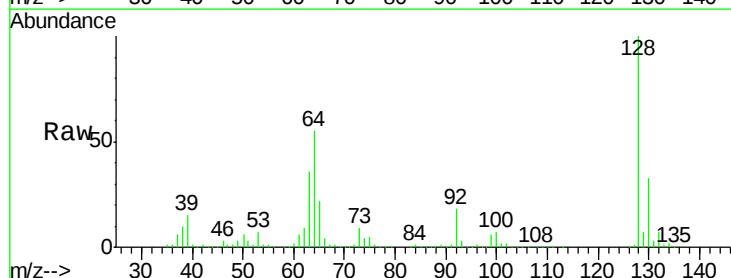
Tgt Ion: 128 Resp: 793012

Ion Ratio Lower Upper

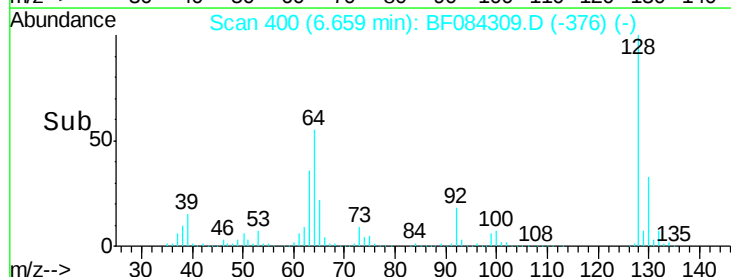
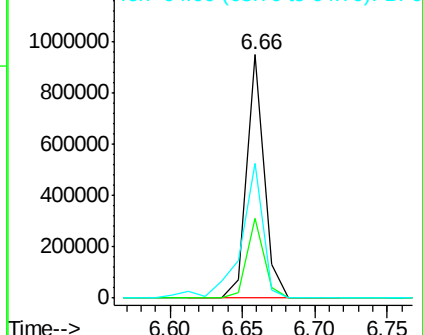
128 100

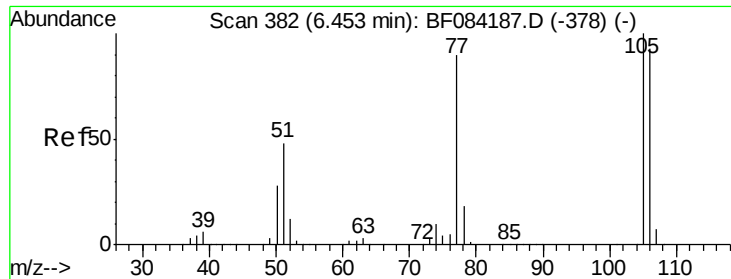
130 33.0 11.6 51.6

64 55.4 23.8 63.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 19.42 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.04 min

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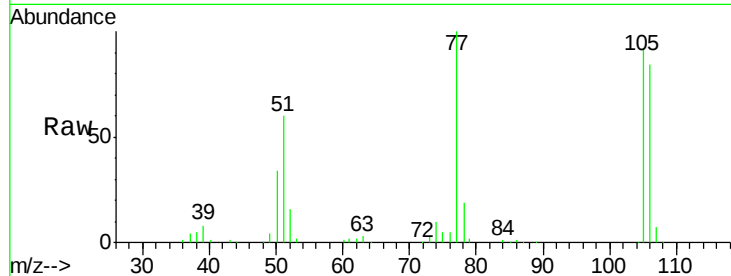
Tgt Ion: 77 Resp: 232078

Ion Ratio Lower Upper

77 100

105 91.9 83.0 123.0

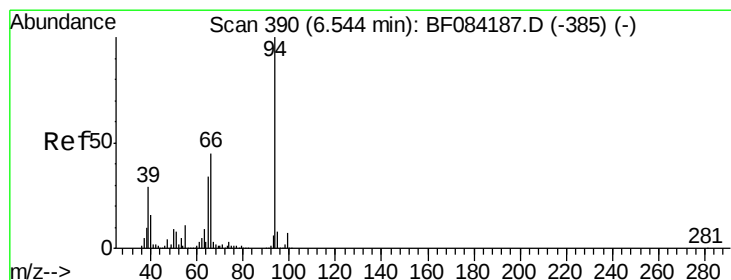
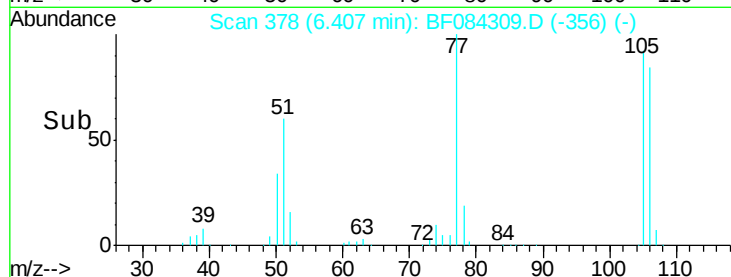
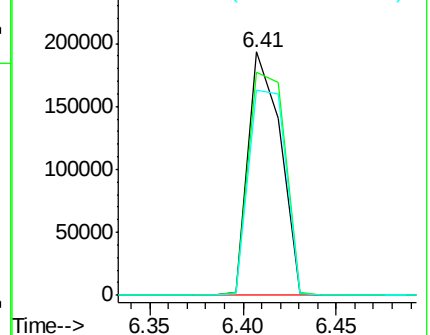
106 84.1 74.6 114.6



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: 44.76 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

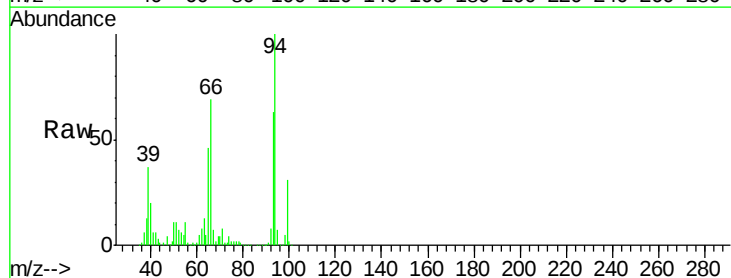
Tgt Ion: 94 Resp: 933754

Ion Ratio Lower Upper

94 100

65 45.5 12.9 52.9

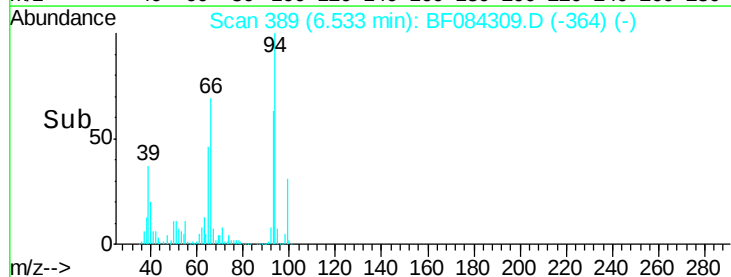
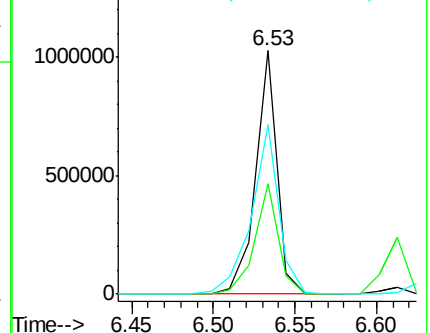
66 69.4 32.7 72.7

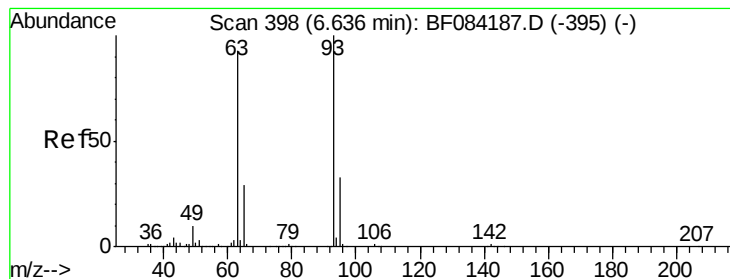


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 52.55 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.02 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

ClientSampleId :

SW002MS

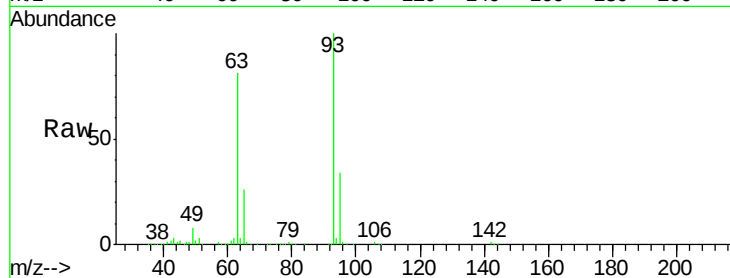
Tgt Ion: 93 Resp: 849326

Ion Ratio Lower Upper

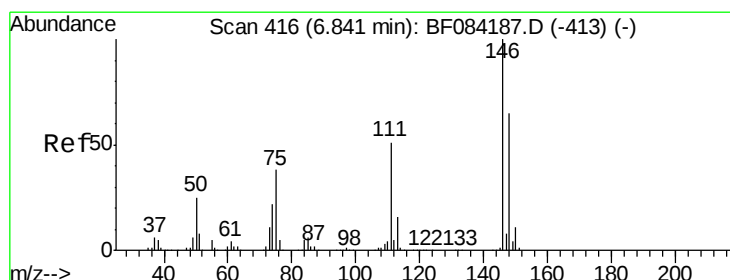
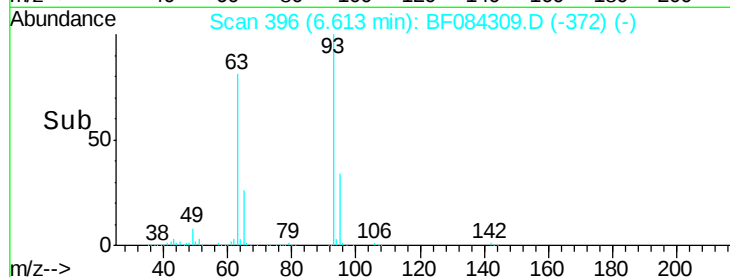
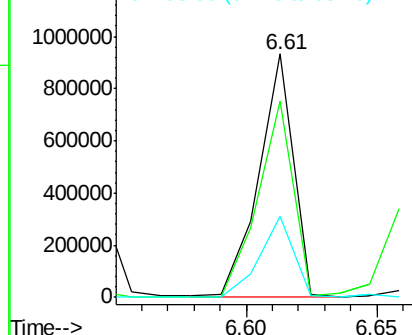
93 100

63 80.7 45.9 85.9

95 33.5 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 43.39 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.21 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

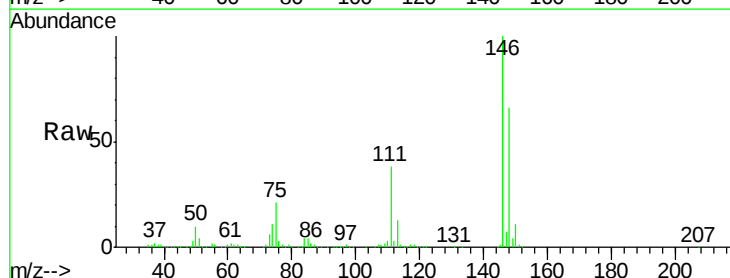
Tgt Ion: 146 Resp: 741875

Ion Ratio Lower Upper

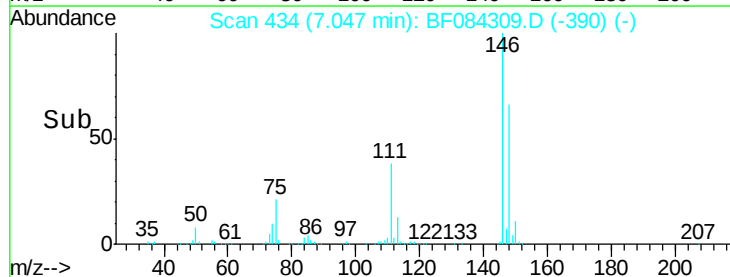
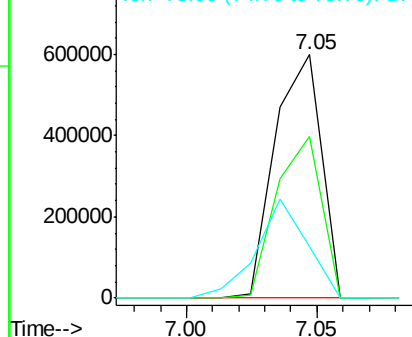
146 100

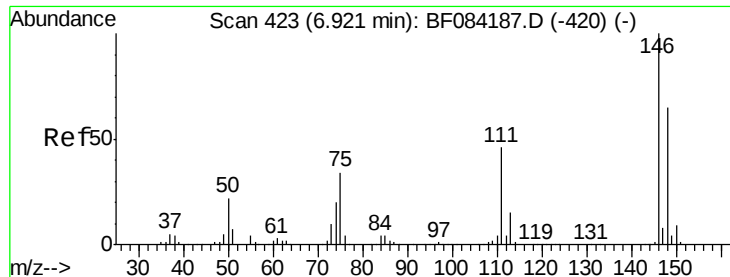
148 66.3 51.9 77.9

75 21.4 20.5 30.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0

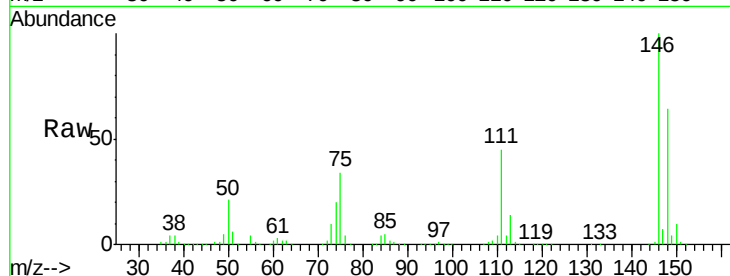




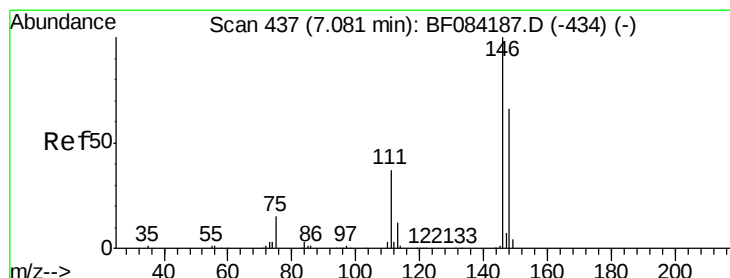
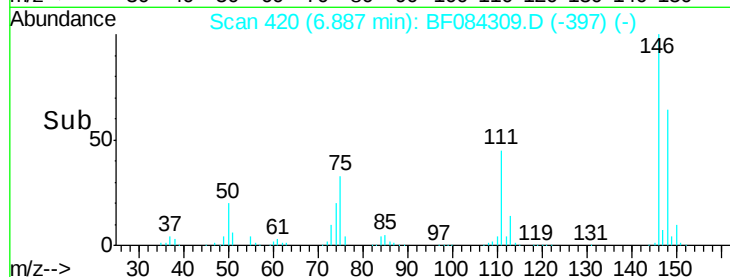
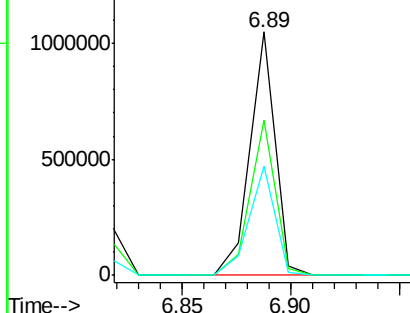
#13
 1,4-Dichlorobenzene
 Concen: 49.22 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.03 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

Instrument :
 BNA_F
 ClientSampleId :
 SW002MS

Tgt Ion:146 Resp: 843935
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.9 77.9
 111 45.0 41.6 62.4

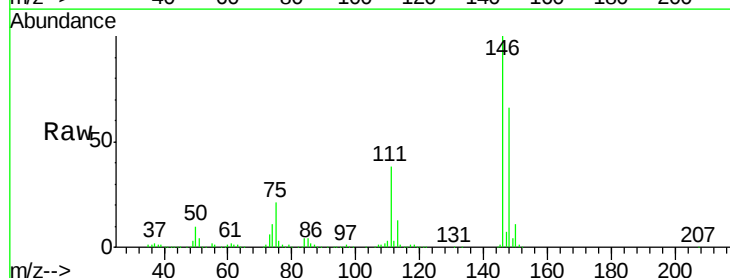


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

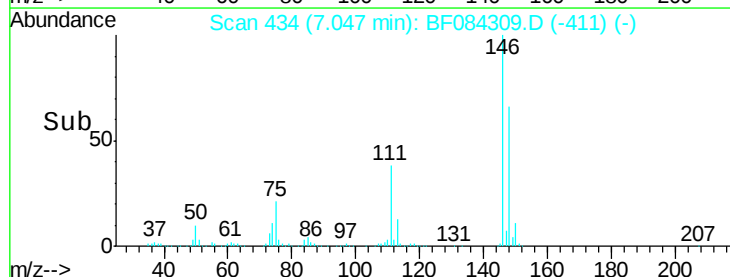
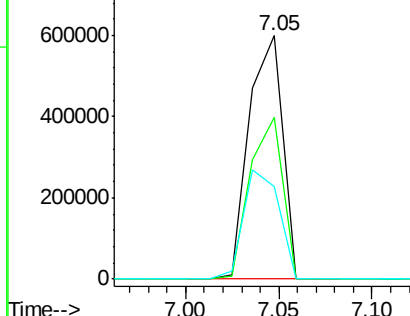


#14
 1,2-Dichlorobenzene
 Concen: 45.18 ng
 RT: 7.05 min Scan# 434
 Delta R.T. -0.03 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

Tgt Ion:146 Resp: 741937
 Ion Ratio Lower Upper
 146 100
 148 66.3 51.6 77.4
 111 38.3 38.0 57.0



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





#15

Benzyl Alcohol

Concen: 47.93 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

ClientSampleId :

SW002MS

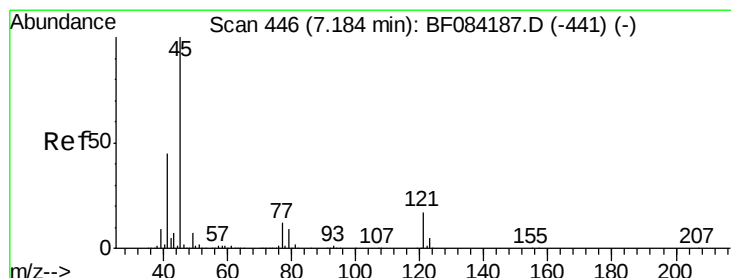
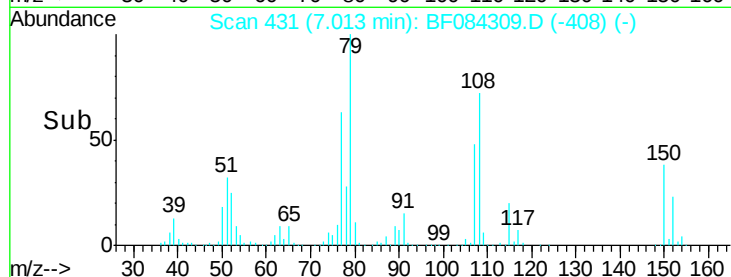
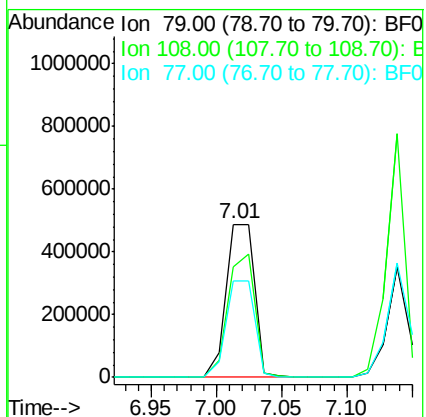
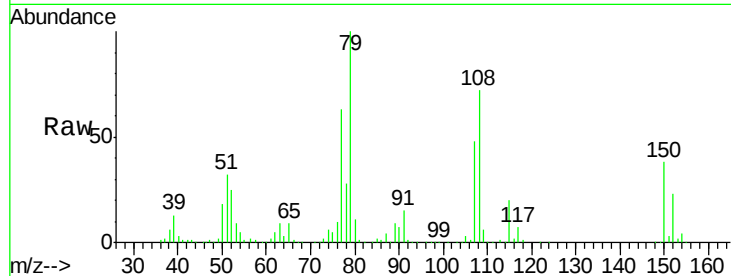
Tgt Ion: 79 Resp: 739751

Ion Ratio Lower Upper

79 100

108 71.8 69.0 103.4

77 62.8 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.59 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

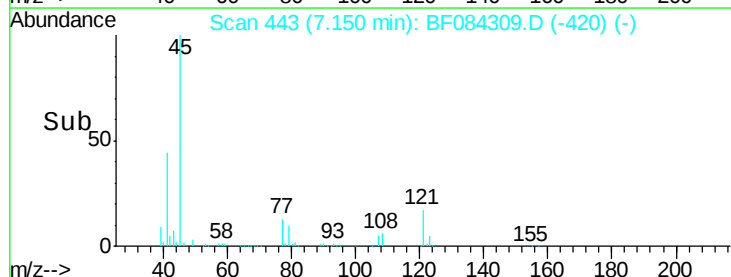
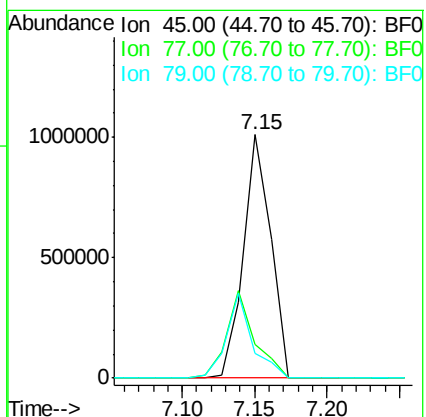
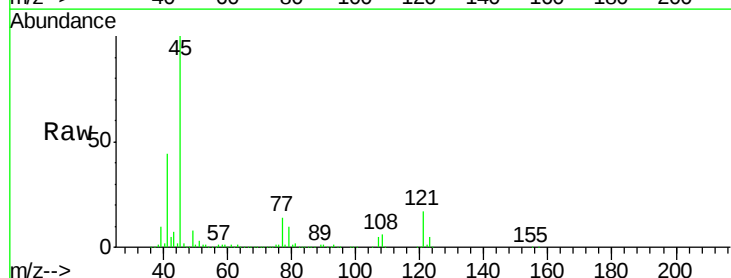
Tgt Ion: 45 Resp: 1312321

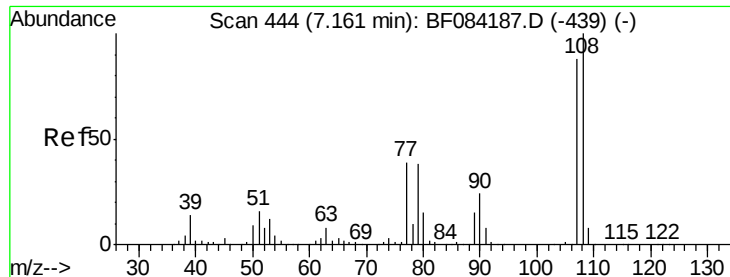
Ion Ratio Lower Upper

45 100

77 13.6 0.0 39.6

79 10.4 0.0 35.0

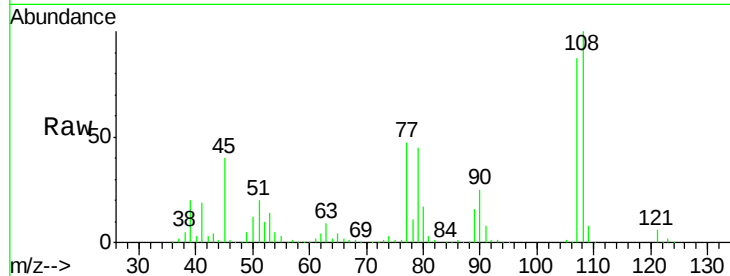




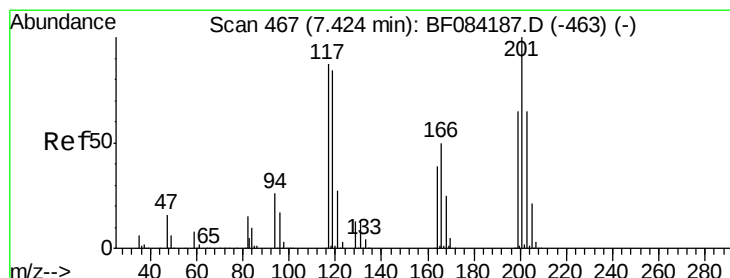
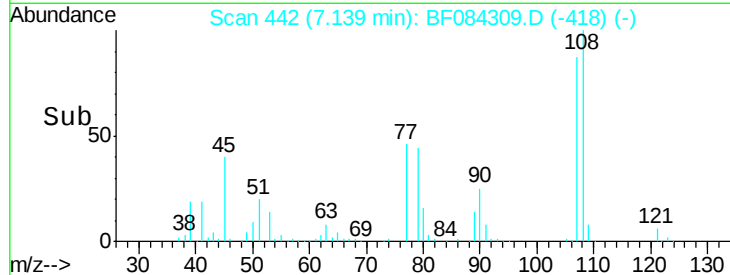
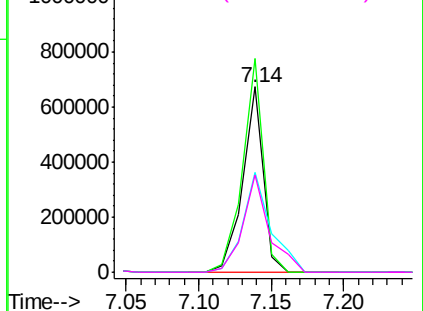
#17
2-Methylphenol
Concen: 47.72 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.02 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Instrument :
BNA_F
ClientSampleId :
SW002MS

Tgt Ion:107 Resp: 662954
Ion Ratio Lower Upper
107 100
108 115.2 89.8 134.6
77 54.2 35.7 53.5#
79 52.3 35.7 53.5

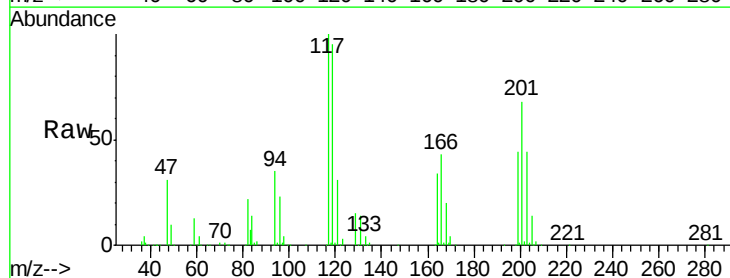


Abundance Ion 107.00 (106.70 to 107.70): E
1200000 Ion 108.00 (107.70 to 108.70): E
1000000 Ion 77.00 (76.70 to 77.70): BF0
800000 Ion 79.00 (78.70 to 79.70): BF0
600000
400000
200000
0

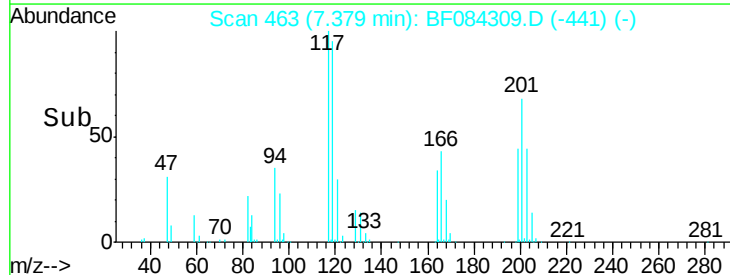
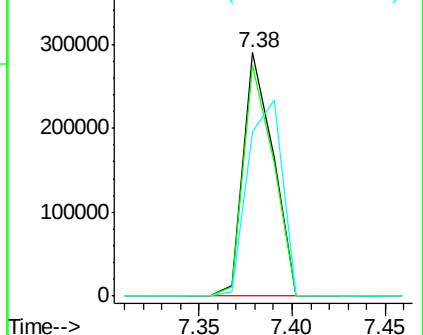


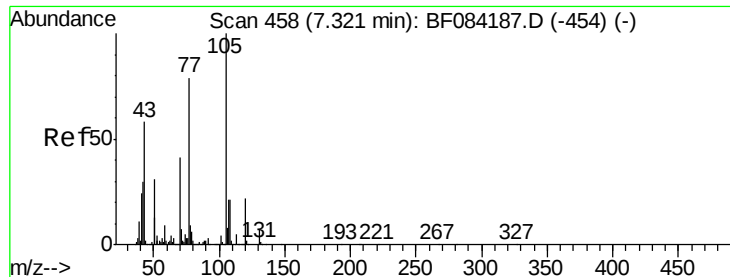
#18
Hexachloroethane
Concen: 46.88 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Tgt Ion:117 Resp: 321459
Ion Ratio Lower Upper
117 100
119 95.1 77.4 116.0
201 67.7 68.6 103.0#



Abundance Ion 117.00 (116.70 to 117.70): E
400000 Ion 119.00 (118.70 to 119.70): E
300000 Ion 201.00 (200.70 to 201.70): E
200000
100000
0

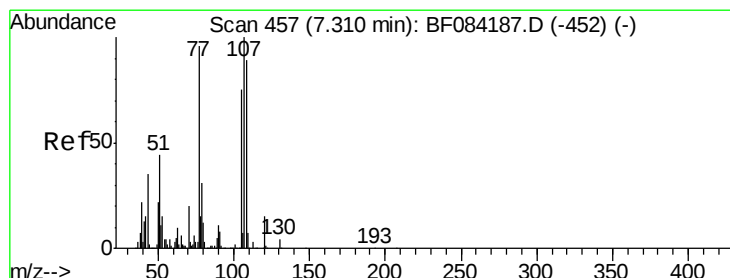
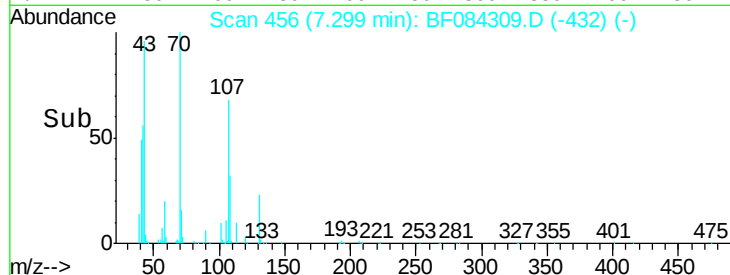
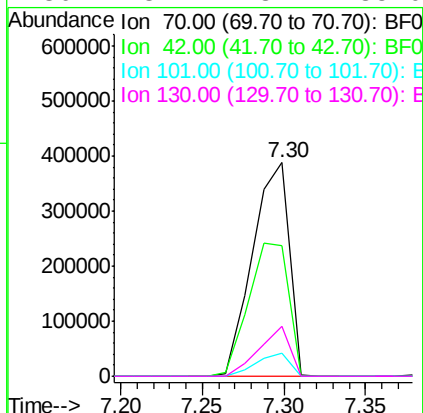
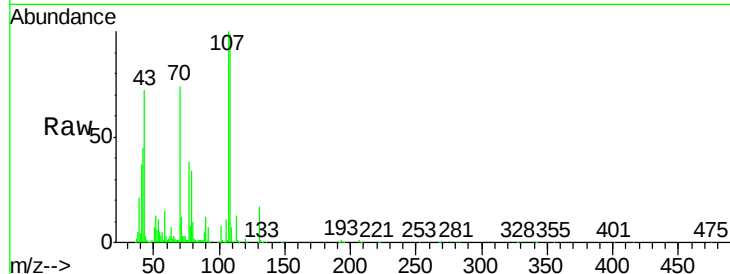




#19
n-Nitroso-di-n-propylamine
Concen: 48.56 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

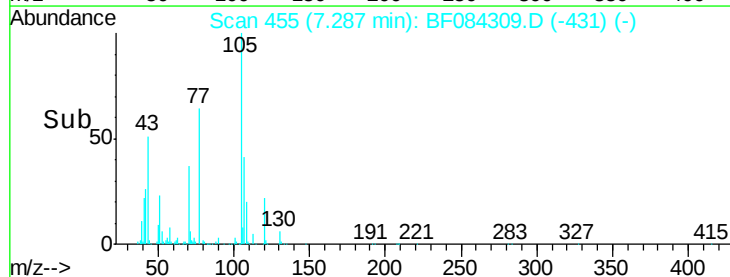
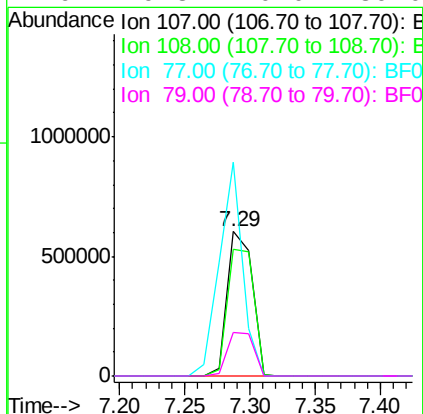
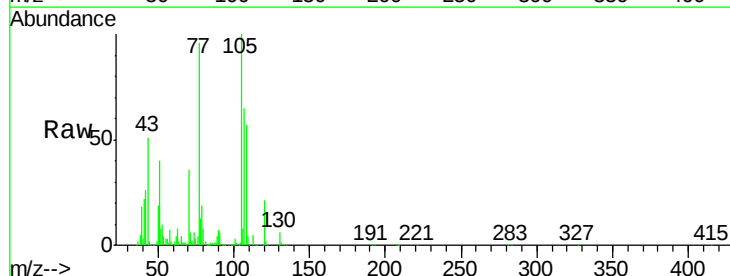
Instrument :
BNA_F
ClientSampleId :
SW002MS

Tgt Ion: 70 Resp: 603101
Ion Ratio Lower Upper
70 100
42 61.0 33.3 49.9#
101 10.6 9.3 13.9
130 23.2 23.4 35.0#



#20
3+4-Methylphenols
Concen: 49.11 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Tgt Ion: 107 Resp: 801873
Ion Ratio Lower Upper
107 100
108 87.8 74.6 114.6
77 147.9 0.7 40.7#
79 29.8 0.0 39.0

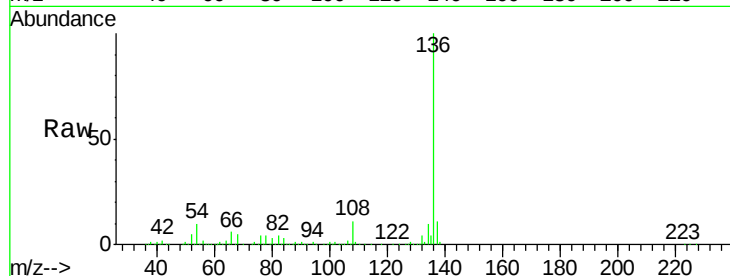




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Instrument :
BNA_F
ClientSampleId :
SW002MS

Tgt Ion:	136	Resp:	963636
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	10.1	5.8	8.8#
68	5.4	4.2	6.2



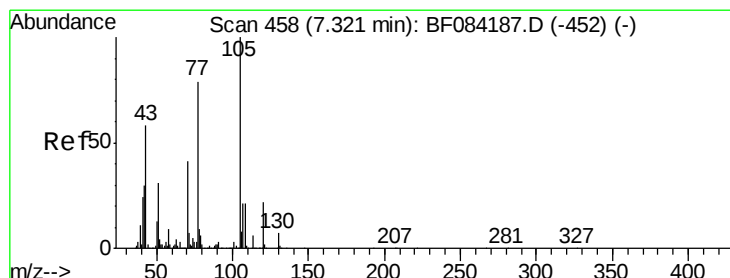
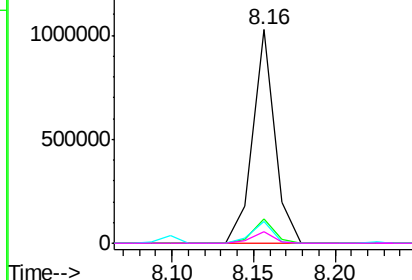
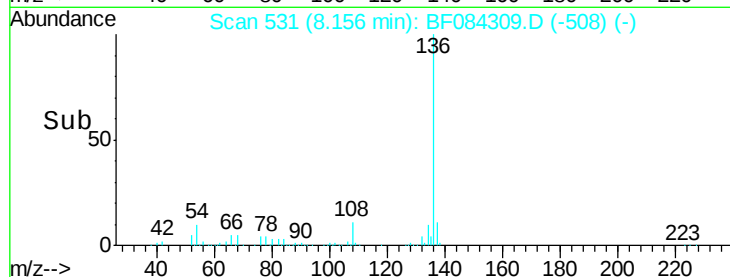
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

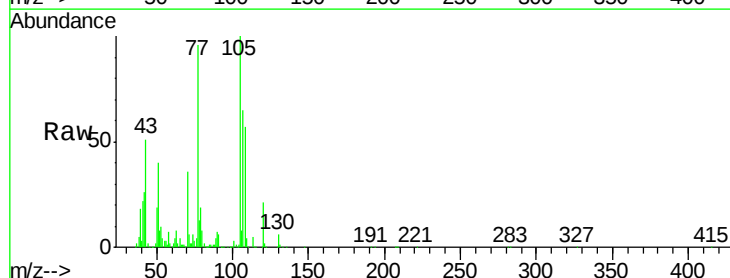
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 47.81 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.03 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Tgt Ion:	105	Resp:	1107922
Ion	Ratio	Lower	Upper
105	100		
71	6.3	3.7	5.5#
51	39.6	25.1	37.7#
120	21.3	16.6	25.0



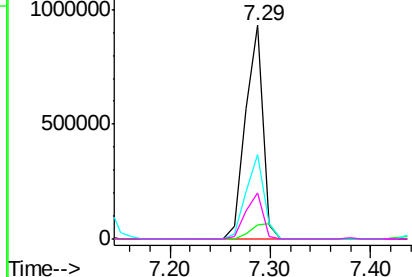
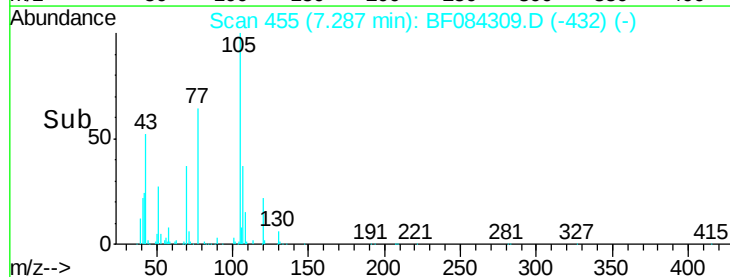
Abundance

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: 96.15 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

ClientSampleId :

SW002MS

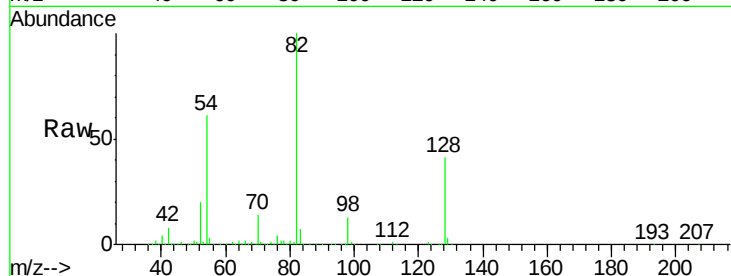
Tgt Ion: 82 Resp: 1664833

Ion Ratio Lower Upper

82 100

128 40.8 34.6 51.8

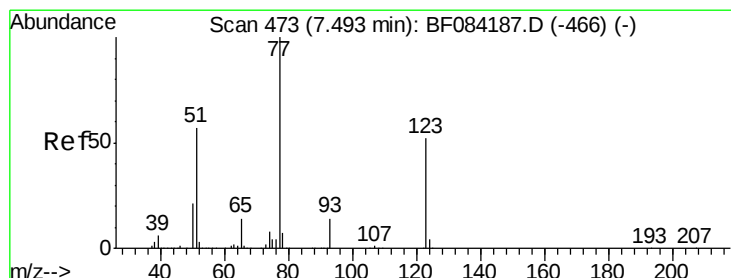
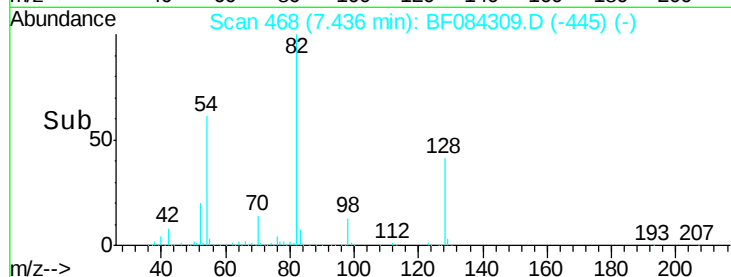
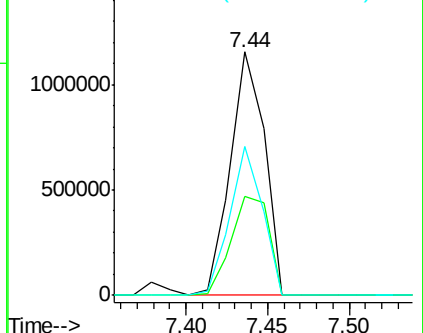
54 61.0 38.4 57.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 51.00 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

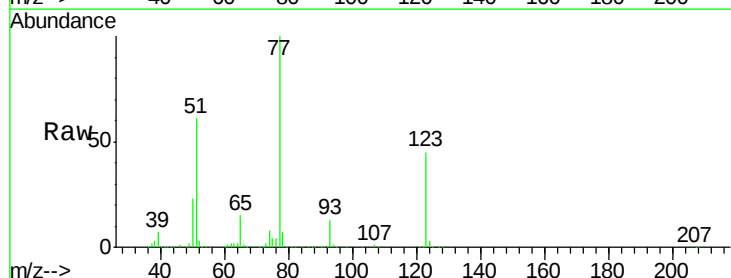
Tgt Ion: 77 Resp: 895581

Ion Ratio Lower Upper

77 100

123 45.0 37.4 56.2

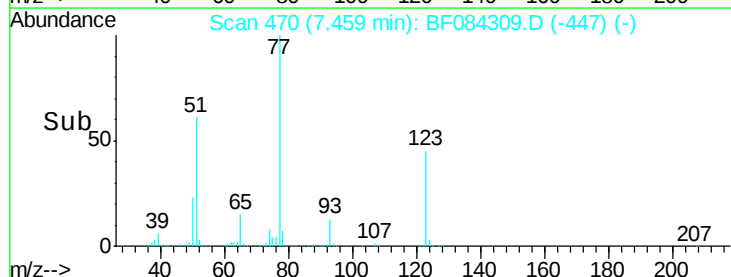
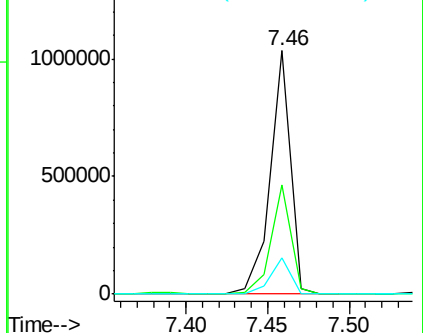
65 14.9 10.9 16.3

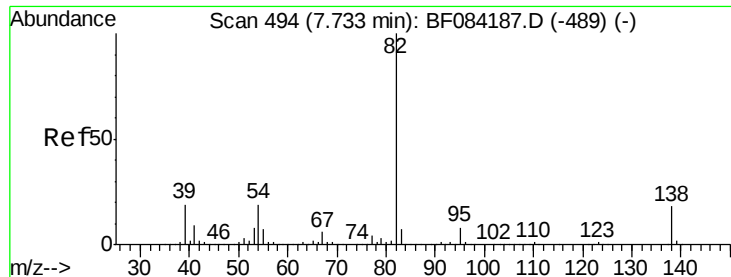


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 47.98 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

ClientSampleId :

SW002MS

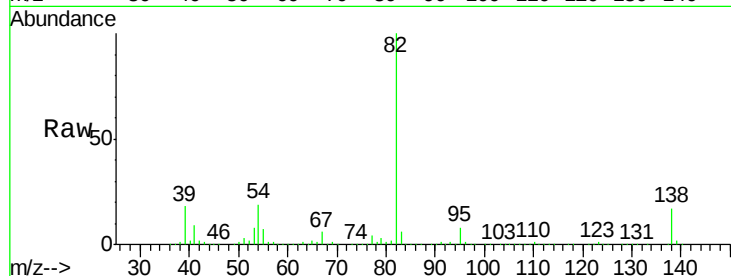
Tgt Ion: 82 Resp: 1588990

Ion Ratio Lower Upper

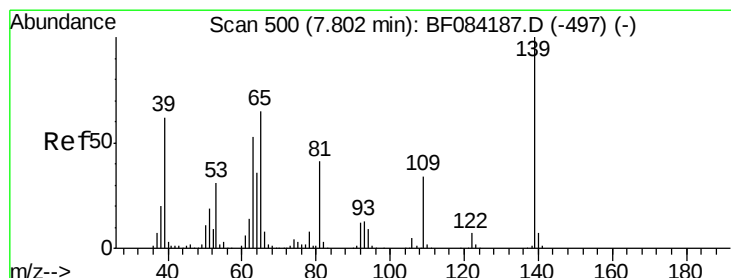
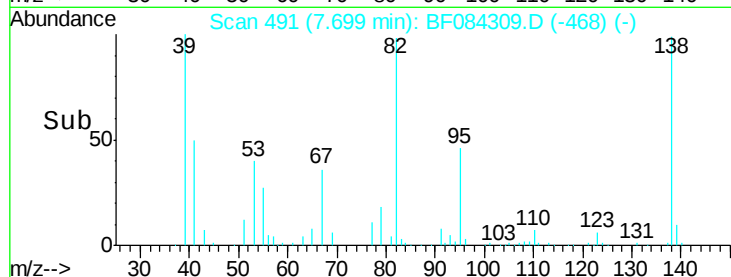
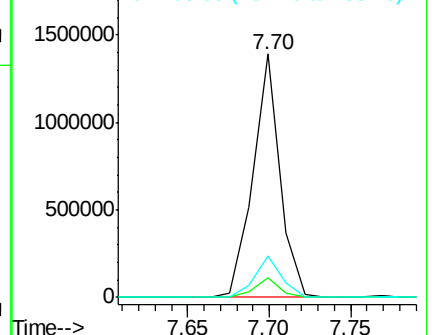
82 100

95 8.1 6.6 10.0

138 17.2 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: 57.09 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

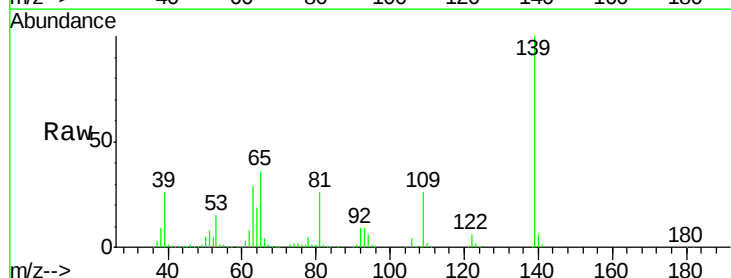
Tgt Ion: 139 Resp: 456299

Ion Ratio Lower Upper

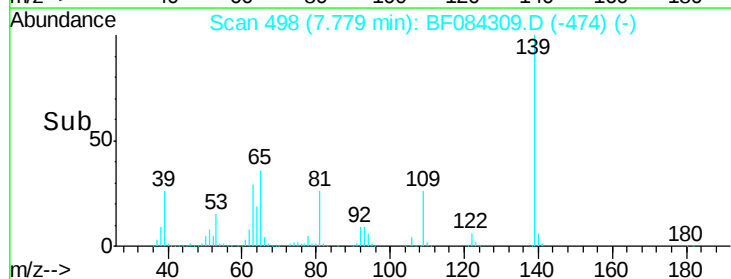
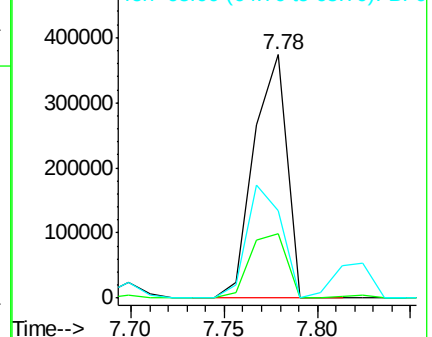
139 100

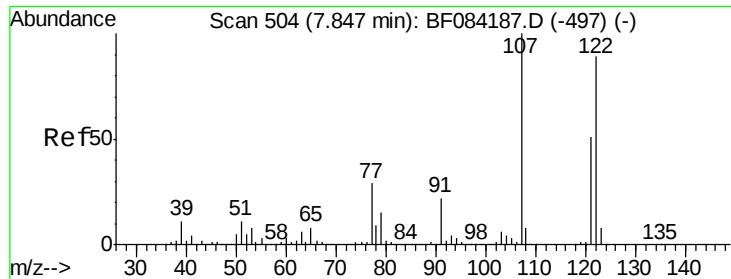
109 26.4 25.4 38.2

65 35.9 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: 49.78 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.02 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

ClientSampleId :

SW002MS

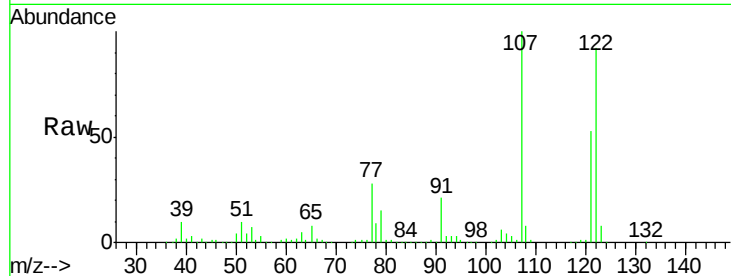
Tgt Ion:122 Resp: 805299

Ion Ratio Lower Upper

122 100

107 108.2 99.1 148.7

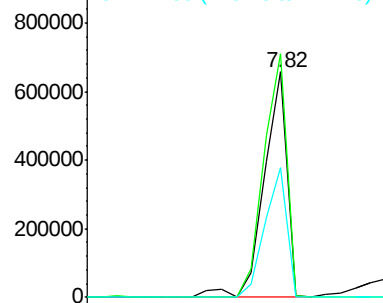
121 57.7 47.9 71.9



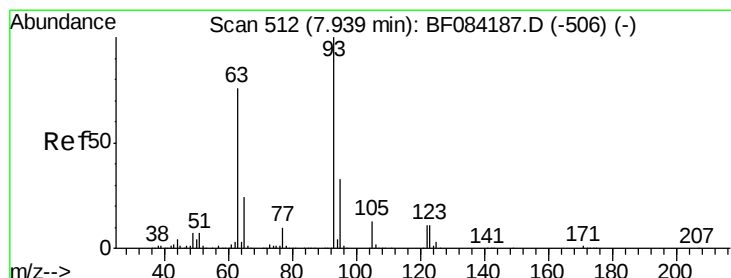
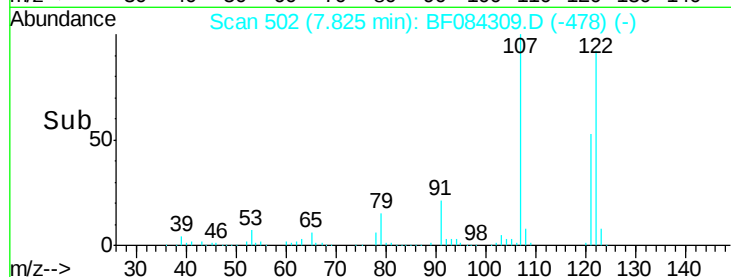
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 50.97 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

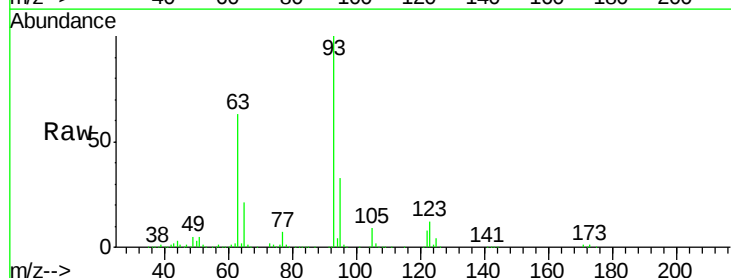
Tgt Ion: 93 Resp: 1031039

Ion Ratio Lower Upper

93 100

95 33.4 25.8 38.6

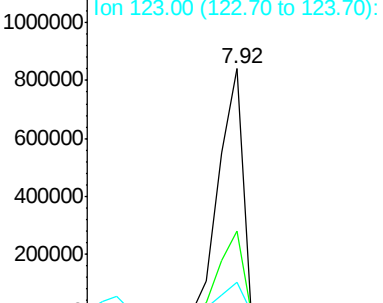
123 12.5 8.6 12.8



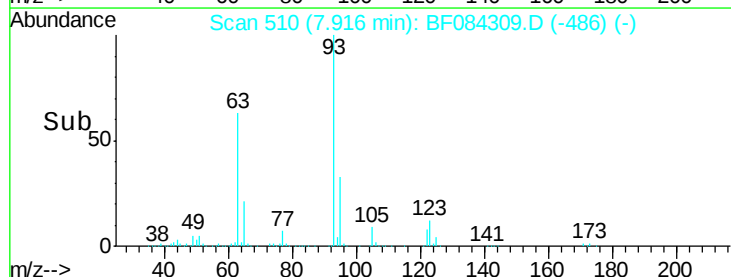
Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E



Time-->





#29

2,4-Dichlorophenol

Concen: 47.56 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

ClientSampleId :

SW002MS

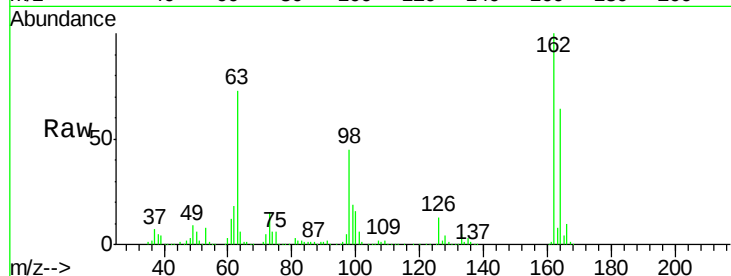
Tgt Ion:162 Resp: 640928

Ion Ratio Lower Upper

162 100

164 64.1 44.1 84.1

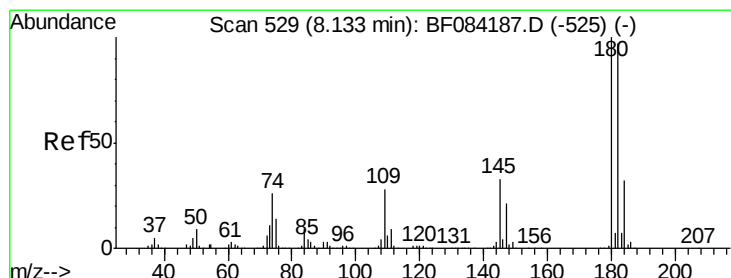
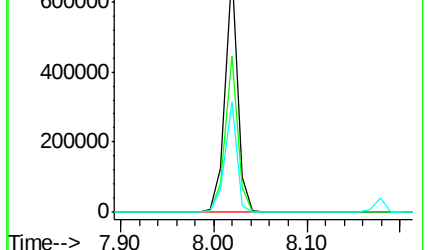
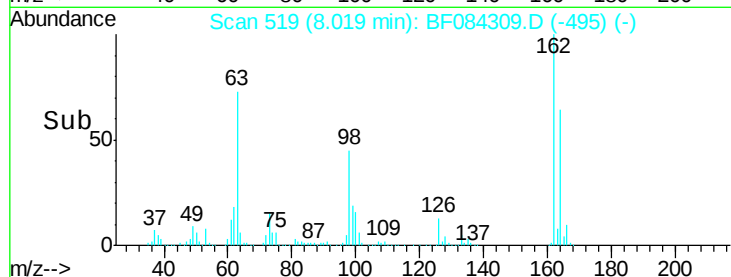
98 45.2 20.2 60.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 50.88 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

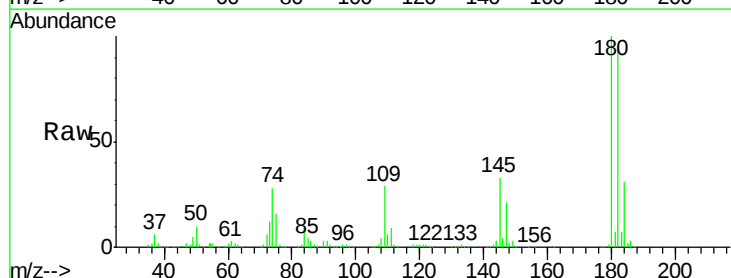
Tgt Ion:180 Resp: 707807

Ion Ratio Lower Upper

180 100

182 95.4 76.4 114.6

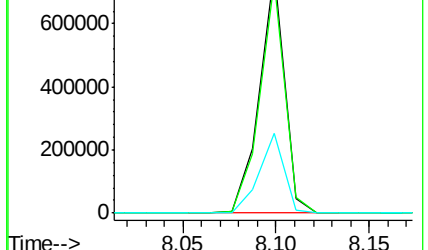
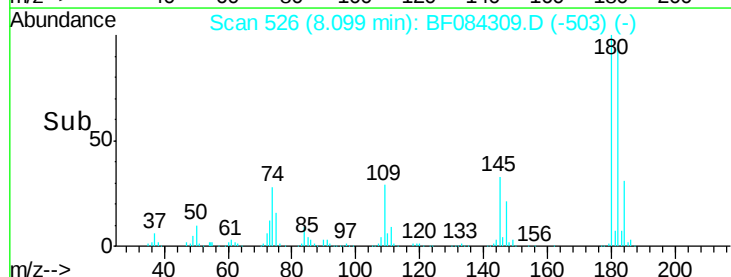
145 32.7 31.6 47.4

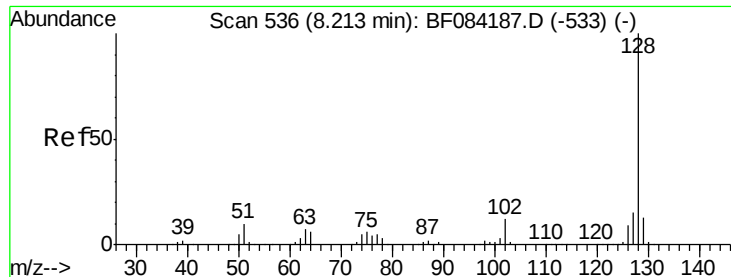


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

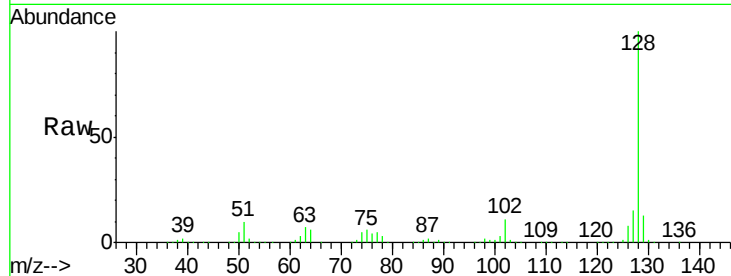




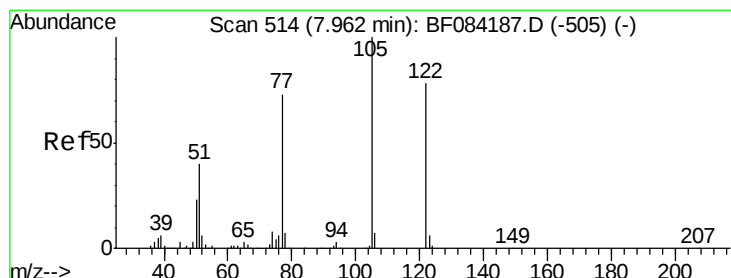
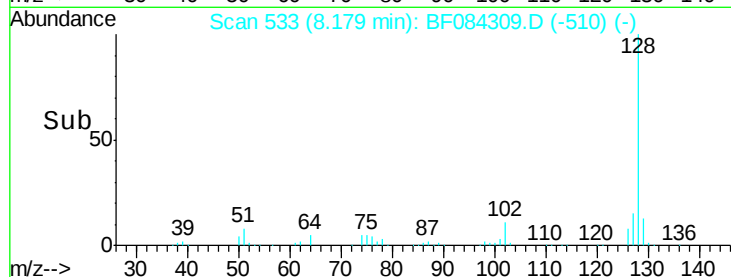
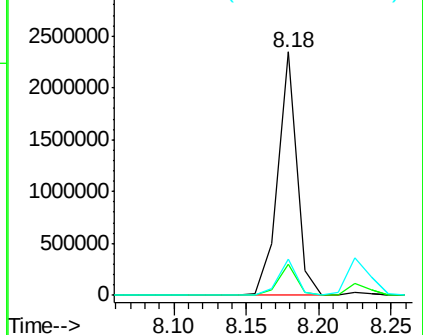
#31
Naphthalene
Concen: 48.63 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Instrument :
BNA_F
ClientSampleId :
SW002MS

Tgt Ion:128 Resp: 2125952
Ion Ratio Lower Upper
128 100
129 12.5 9.1 13.7
127 14.7 11.1 16.7

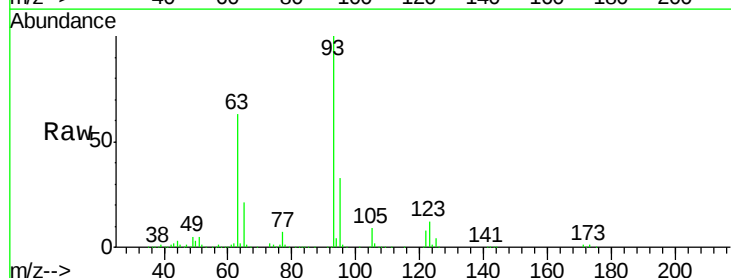


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

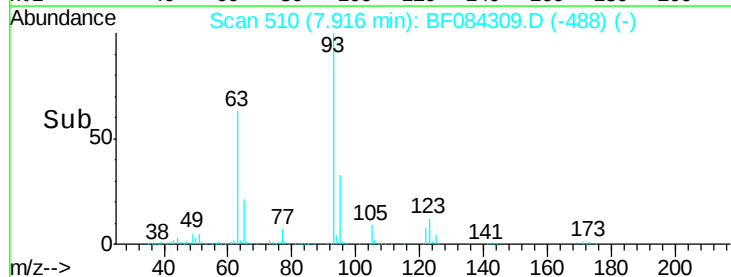
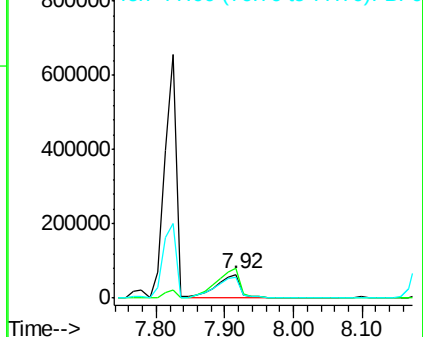


#32
Benzoic acid
Concen: 19.50 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.04 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Tgt Ion:122 Resp: 158603
Ion Ratio Lower Upper
122 100
105 124.7 100.3 140.3
77 90.0 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

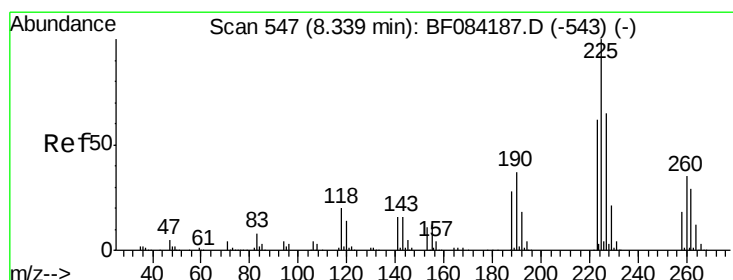
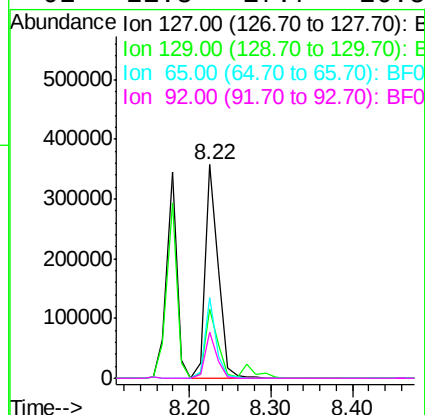
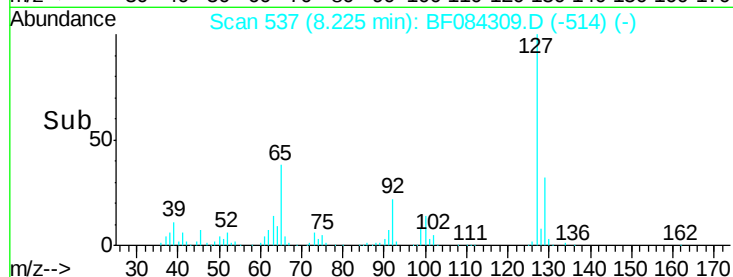
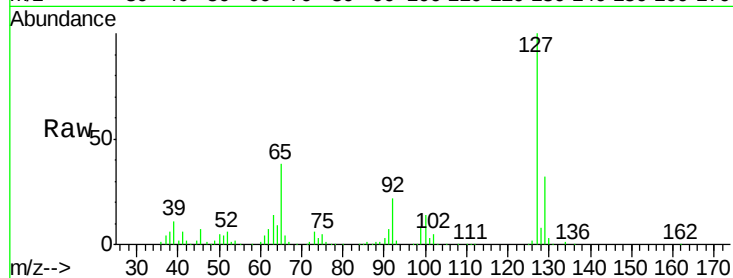




#33
4-Chloroaniline
Concen: 20.28 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

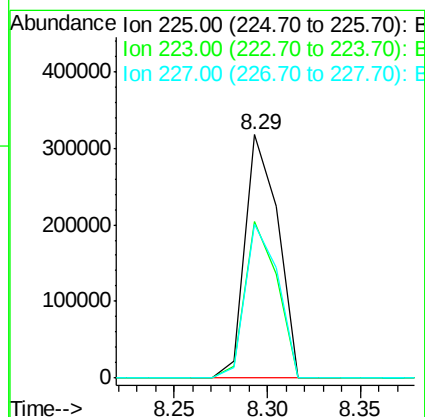
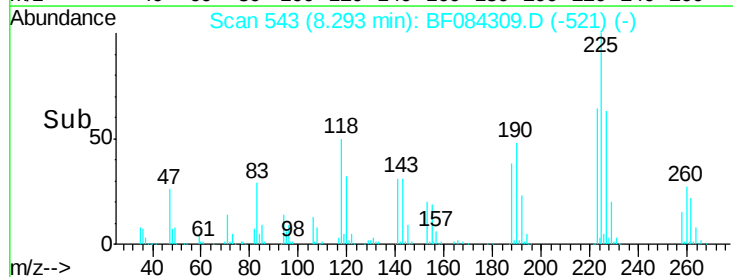
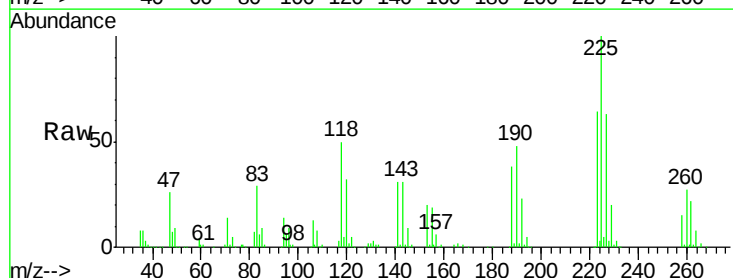
Instrument :
BNA_F
ClientSampleId :
SW002MS

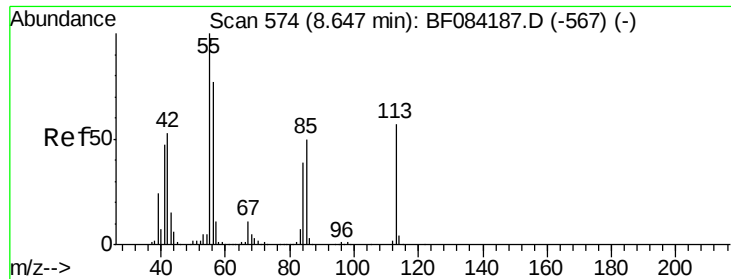
Tgt Ion:	127	Resp:	406483
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.5	39.7
65	37.9	27.2	40.8
92	21.8	17.7	26.5



#34
Hexachlorobutadiene
Concen: 48.50 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.05 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Tgt Ion:	225	Resp:	387852
Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.4	74.0
227	63.3	50.8	76.2

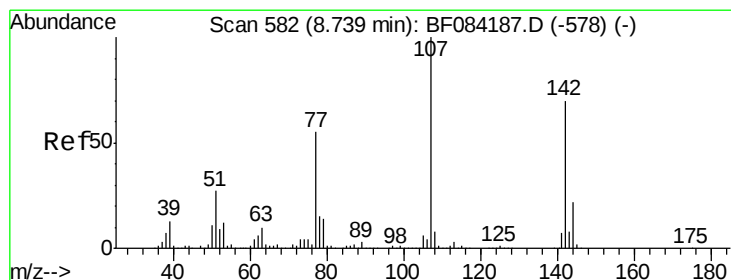
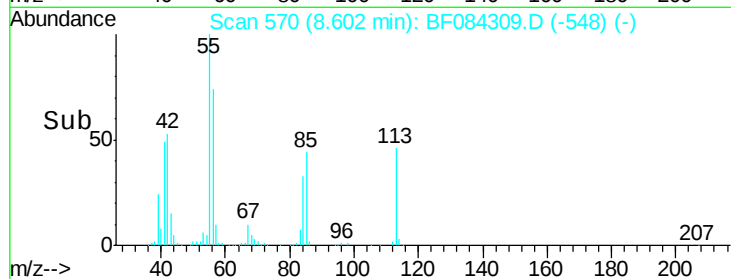
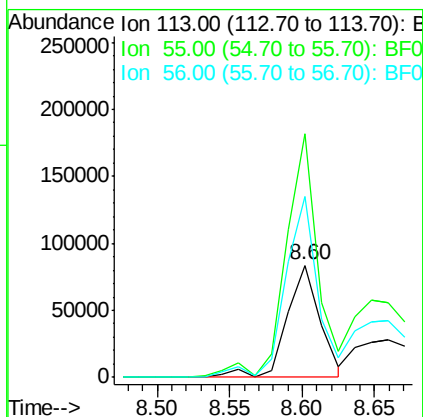
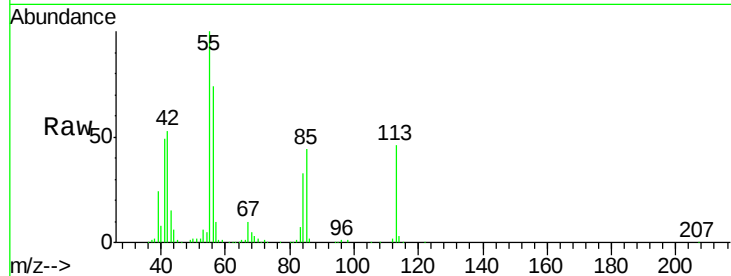




#35
 Caprolactam
 Concen: 29.19 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.05 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

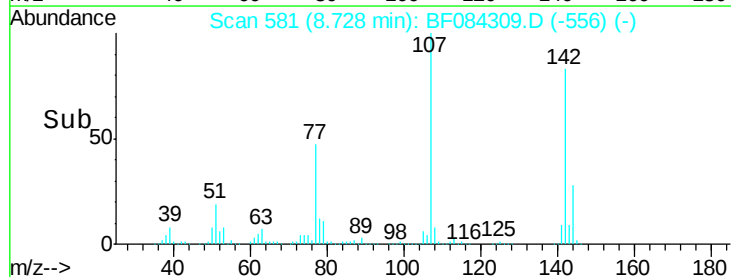
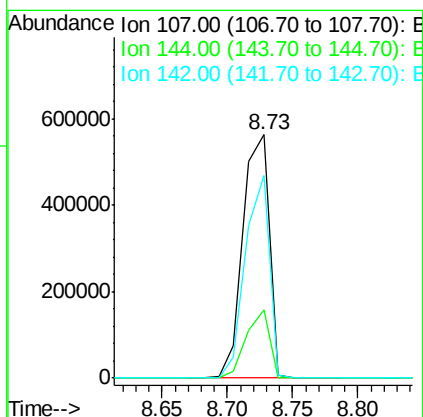
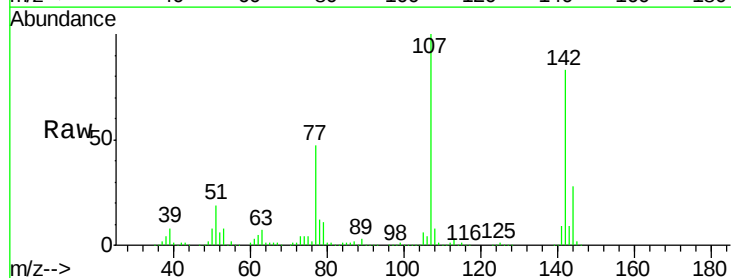
Instrument :
 BNA_F
 ClientSampled :
 SW002MS

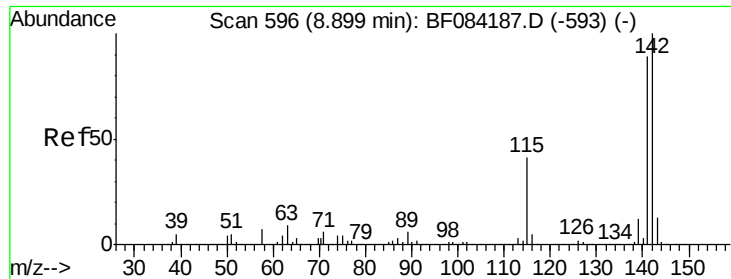
Tgt Ion:113 Resp: 132598
 Ion Ratio Lower Upper
 113 100
 55 217.4 116.9 156.9#
 56 161.1 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 52.38 ng
 RT: 8.73 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

Tgt Ion:107 Resp: 790635
 Ion Ratio Lower Upper
 107 100
 144 28.0 19.7 29.5
 142 83.2 61.8 92.6

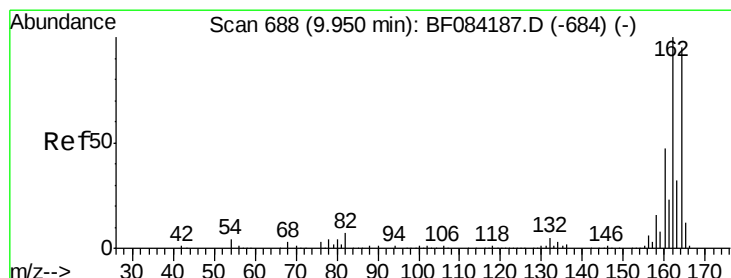
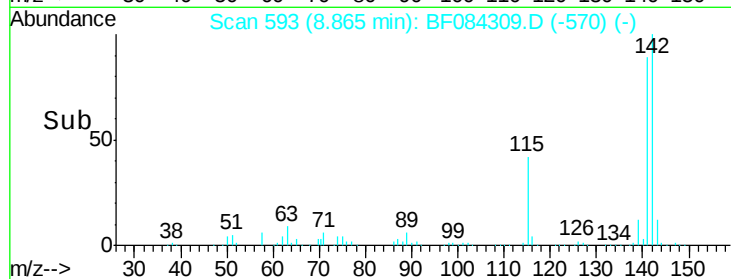
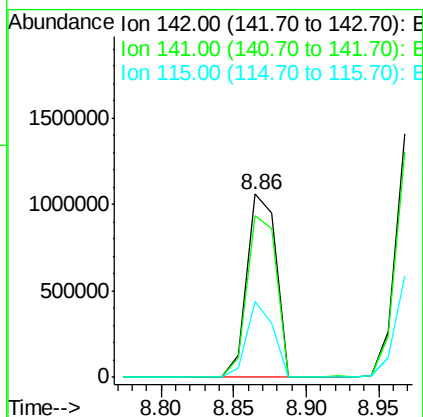
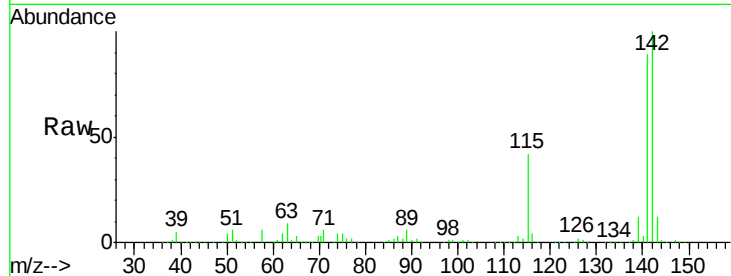




#37
 2-Methylnaphthalene
 Concen: 46.70 ng
 RT: 8.86 min Scan# 593
 Delta R.T. -0.03 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

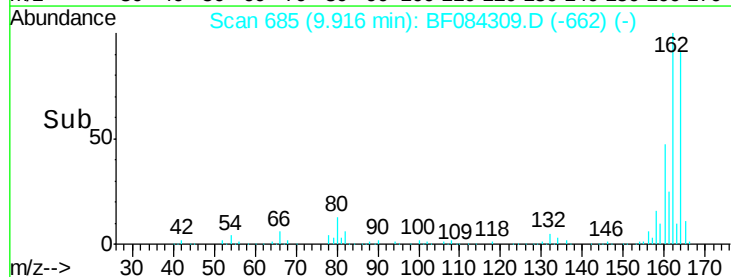
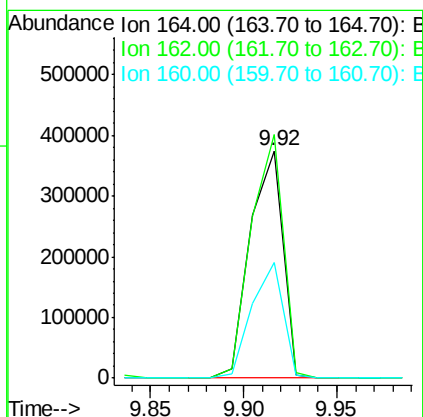
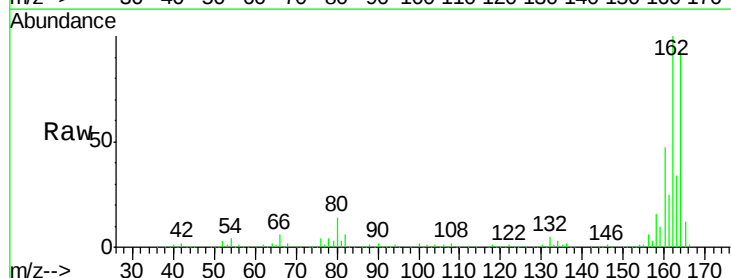
Instrument :
 BNA_F
 ClientSampleId :
 SW002MS

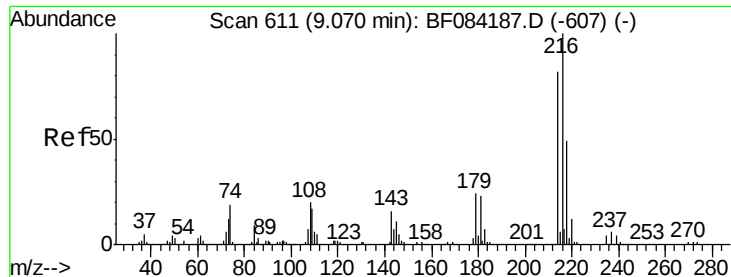
Tgt Ion:142 Resp: 1465533
 Ion Ratio Lower Upper
 142 100
 141 88.8 72.4 108.6
 115 41.6 27.9 41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.03 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

Tgt Ion:164 Resp: 453579
 Ion Ratio Lower Upper
 164 100
 162 107.2 85.1 127.7
 160 50.7 37.5 56.3

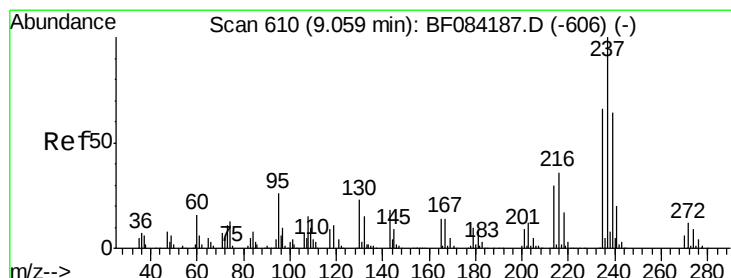
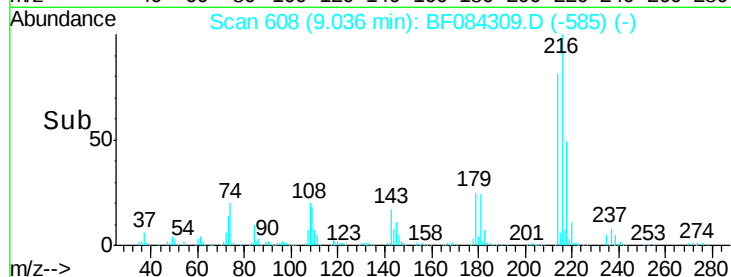
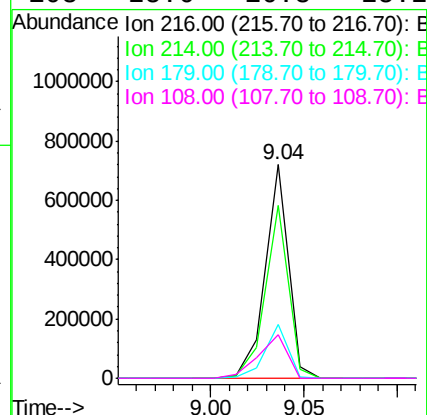
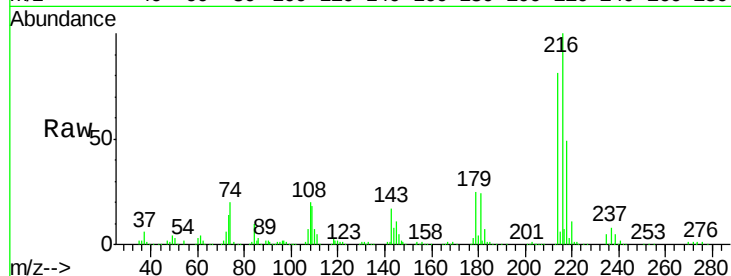




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.22 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.03 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

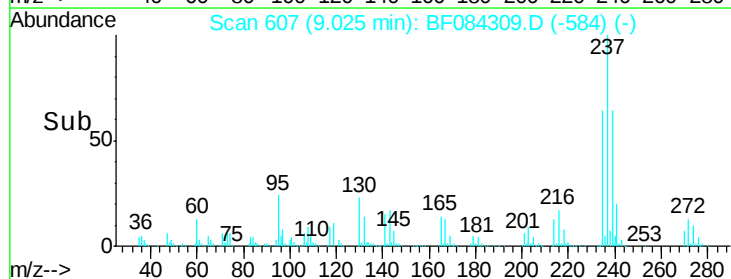
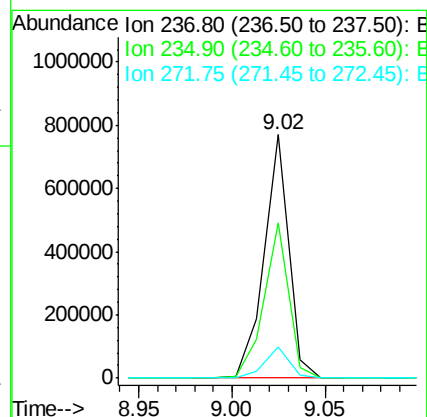
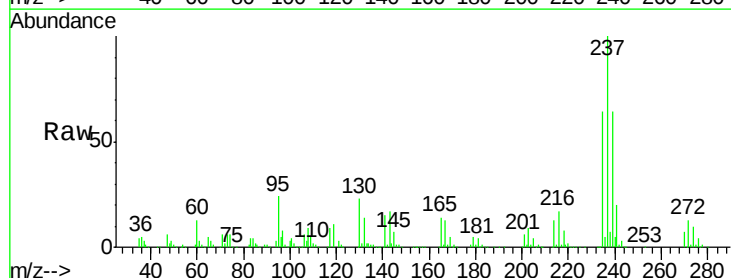
Instrument :
 BNA_F
 ClientSampleId :
 SW002MS

Tgt Ion:216 Resp: 615707
 Ion Ratio Lower Upper
 216 100
 214 80.7 64.2 96.2
 179 24.9 18.7 28.1
 108 25.6 16.8 25.2#



#40
 Hexachlorocyclopentadiene
 Concen: 89.10 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

Tgt Ion:237 Resp: 701372
 Ion Ratio Lower Upper
 237 100
 235 63.9 43.1 83.1
 272 12.6 0.0 35.1

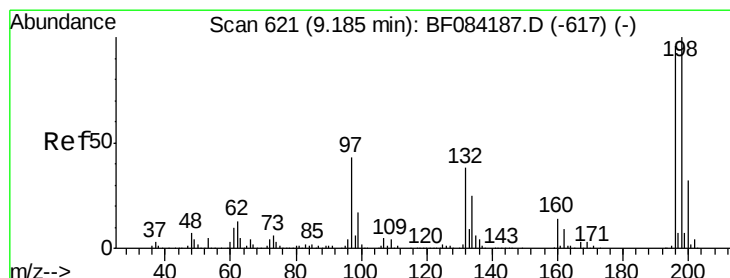
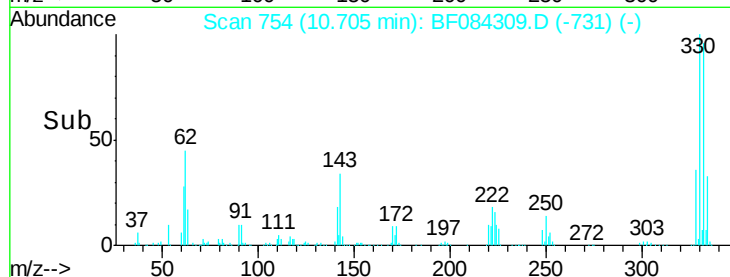
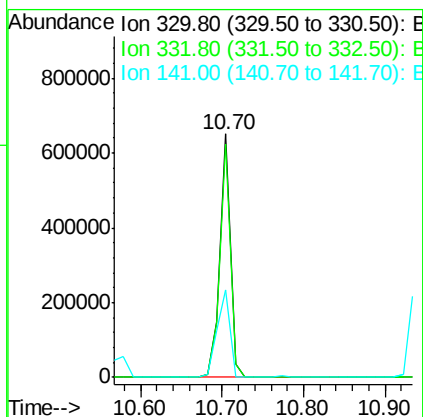
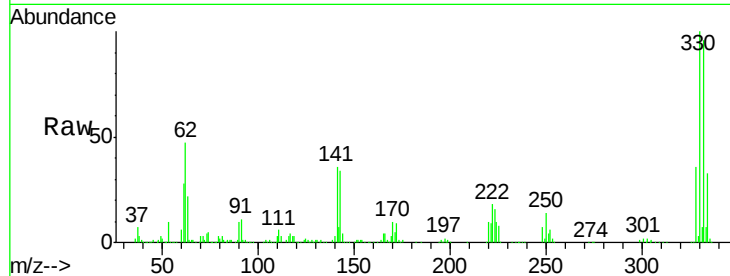




#41
 2,4,6-Tribromophenol
 Concen: 127.98 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.03 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

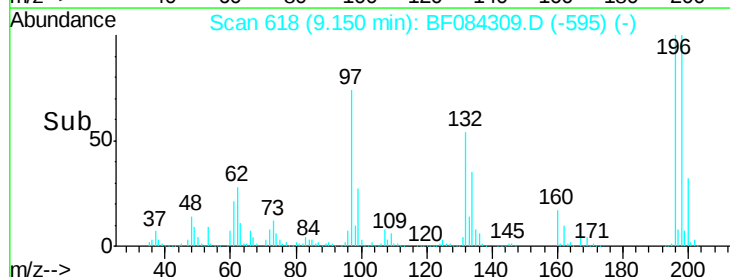
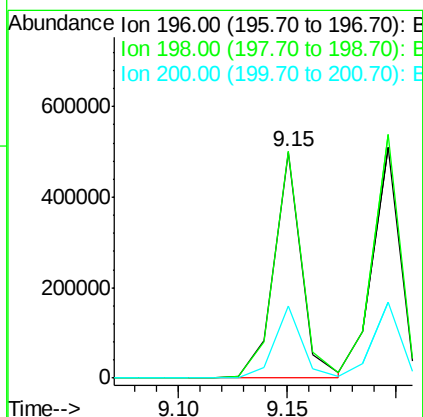
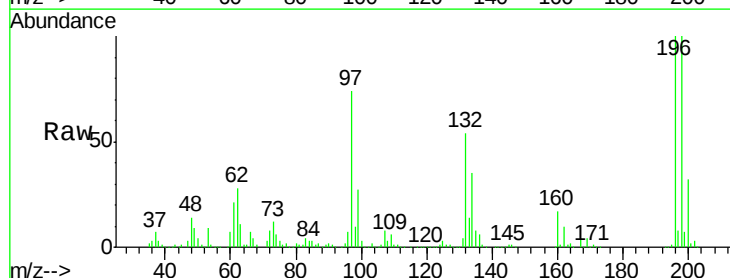
Instrument :
 BNA_F
 ClientSampleId :
 SW002MS

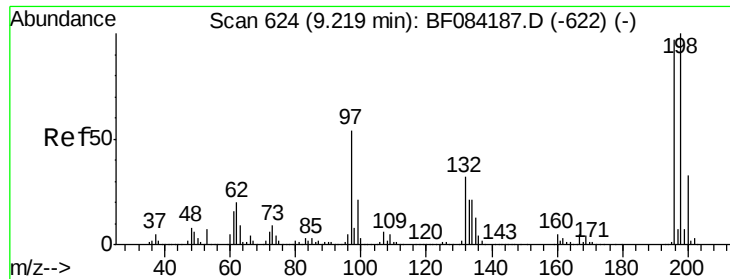
Tgt Ion:330 Resp: 586061
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 43.6 27.8 41.6#



#42
 2,4,6-Trichlorophenol
 Concen: 45.91 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

Tgt Ion:196 Resp: 447875
 Ion Ratio Lower Upper
 196 100
 198 100.4 77.7 116.5
 200 31.6 24.6 37.0

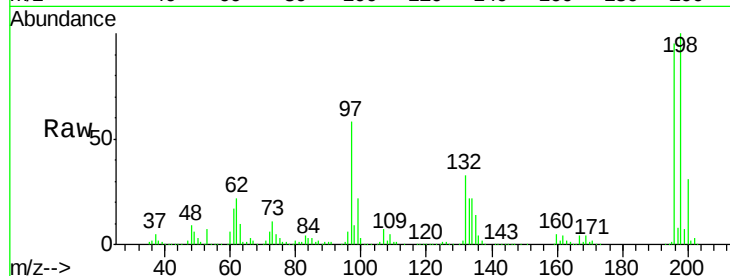




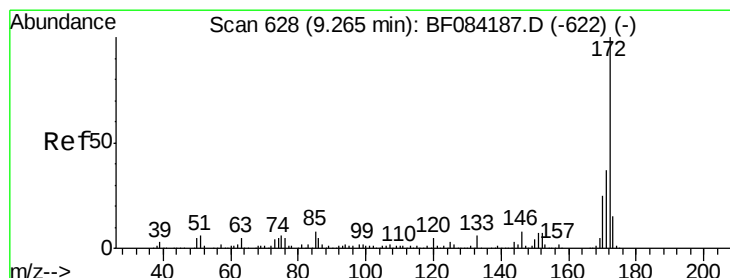
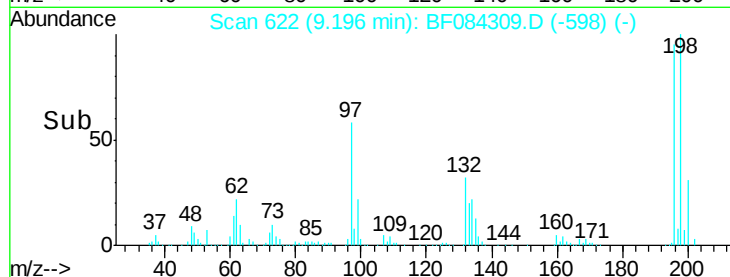
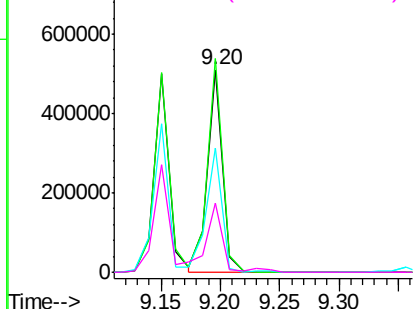
#43
 2,4,5-Trichlorophenol
 Concen: 48.28 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

Instrument :
 BNA_F
 ClientSampled :
 SW002MS

Tgt Ion:196 Resp: 451488
 Ion Ratio Lower Upper
 196 100
 198 105.4 79.0 118.6
 97 61.4 33.0 49.6#
 132 34.3 21.1 31.7#

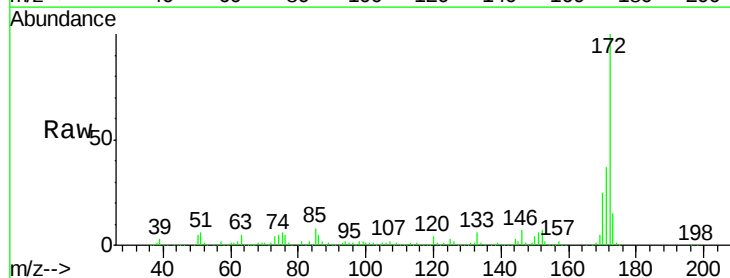


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

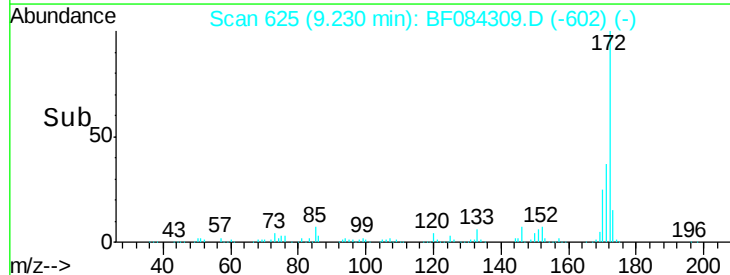
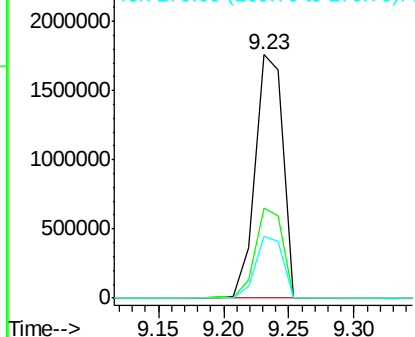


#44
 2-Fluorobiphenyl
 Concen: 102.00 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

Tgt Ion:172 Resp: 2597300
 Ion Ratio Lower Upper
 172 100
 171 37.1 28.9 43.3
 170 25.4 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: 45.44 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

ClientSampleId :

SW002MS

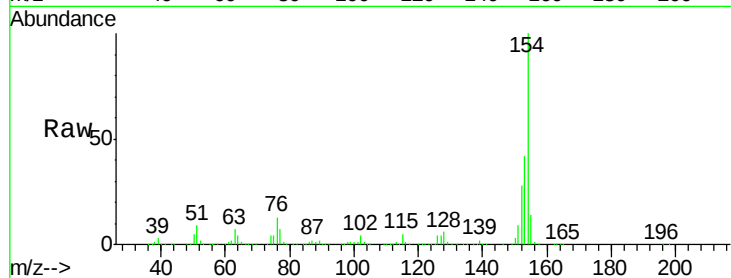
Tgt Ion:154 Resp: 1638009

Ion Ratio Lower Upper

154 100

153 42.0 21.6 61.6

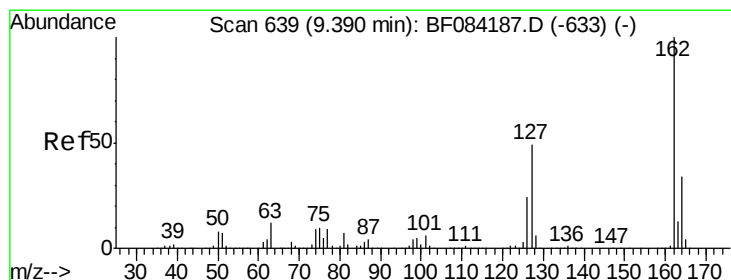
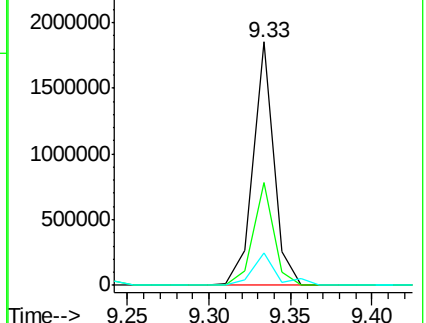
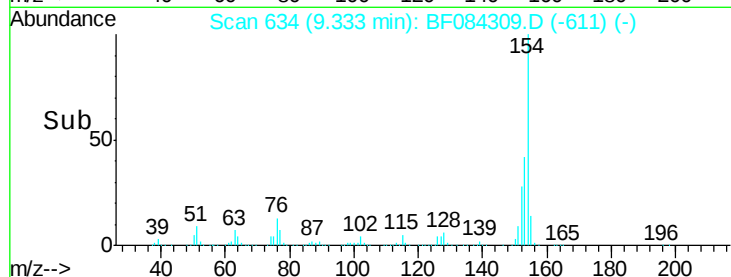
76 13.3 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 44.59 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

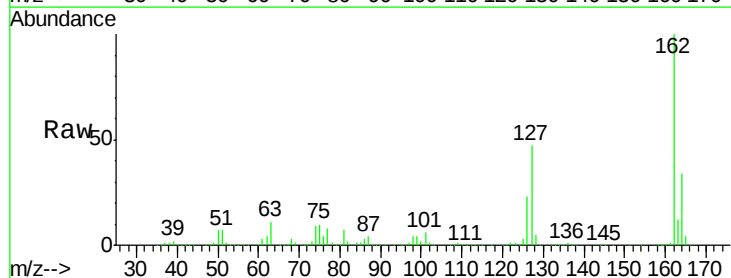
Tgt Ion:162 Resp: 1262732

Ion Ratio Lower Upper

162 100

127 47.4 40.2 60.4

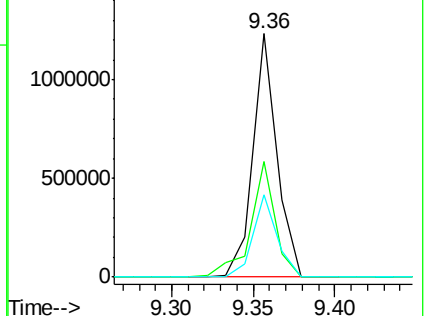
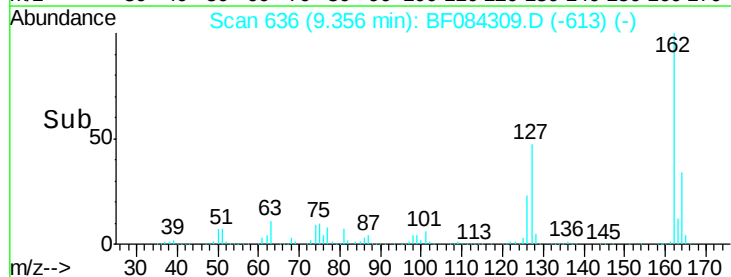
164 33.8 25.7 38.5

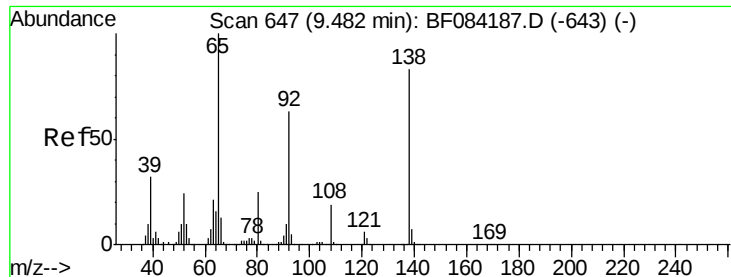


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 55.41 ng

RT: 9.46 min Scan# 645

Delta R.T. -0.02 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

ClientSampleId :

SW002MS

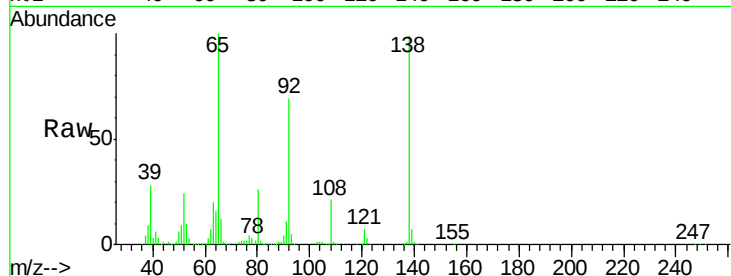
Tgt Ion: 65 Resp: 517862

Ion Ratio Lower Upper

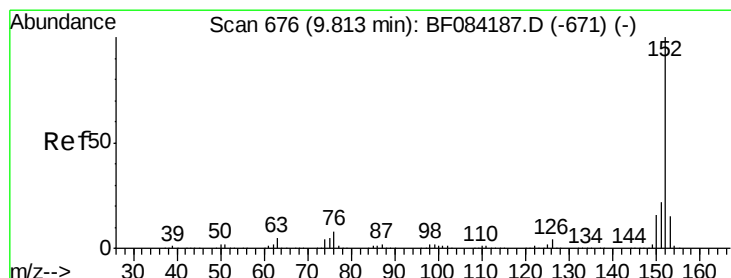
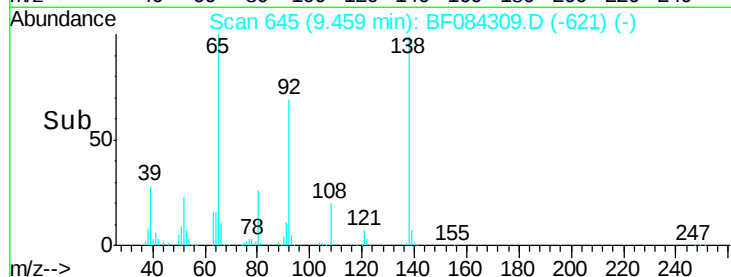
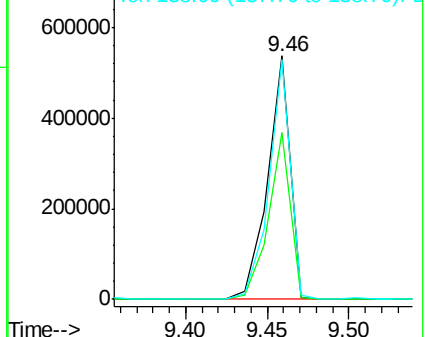
65 100

92 68.5 53.4 80.2

138 98.6 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: 50.82 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

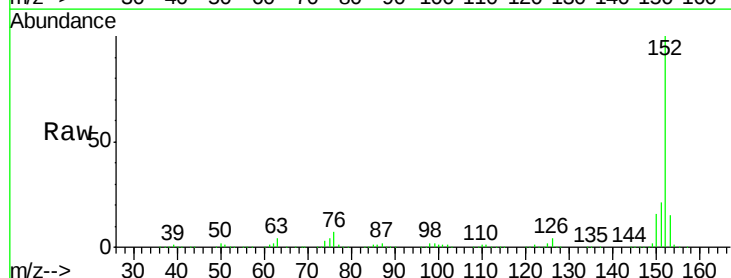
Tgt Ion: 152 Resp: 2126028

Ion Ratio Lower Upper

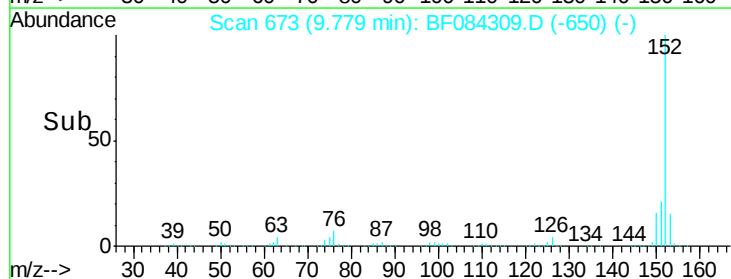
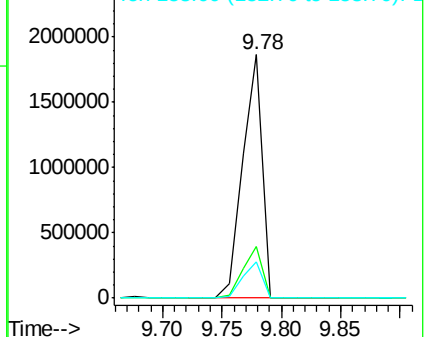
152 100

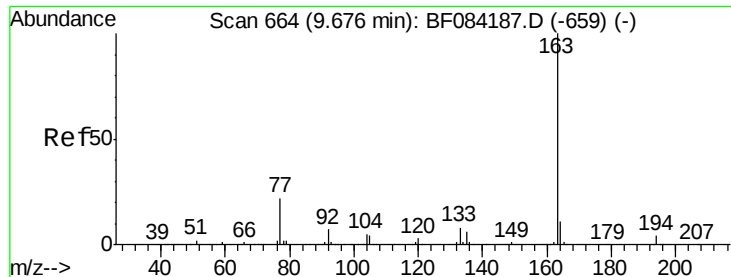
151 21.2 16.3 24.5

153 14.6 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: 54.12 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

ClientSampleId :

SW002MS

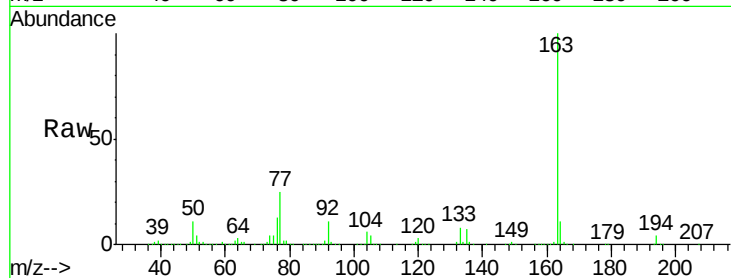
Tgt Ion:163 Resp: 1754870

Ion Ratio Lower Upper

163 100

194 3.5 8.0 12.0#

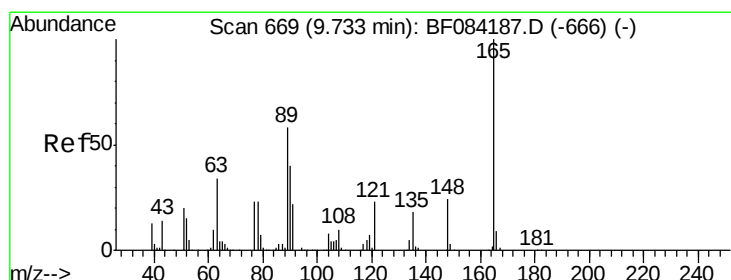
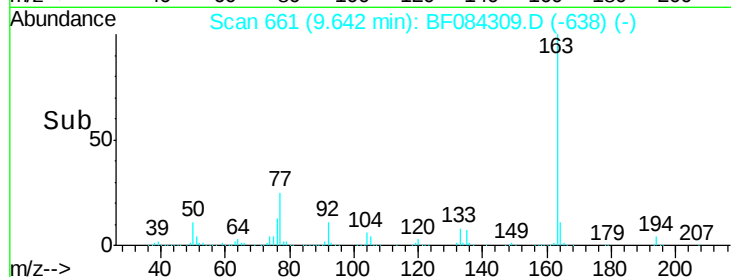
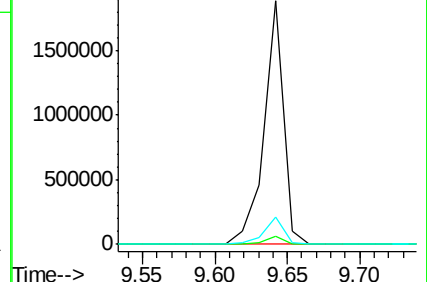
164 11.1 8.0 12.0



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: 45.82 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

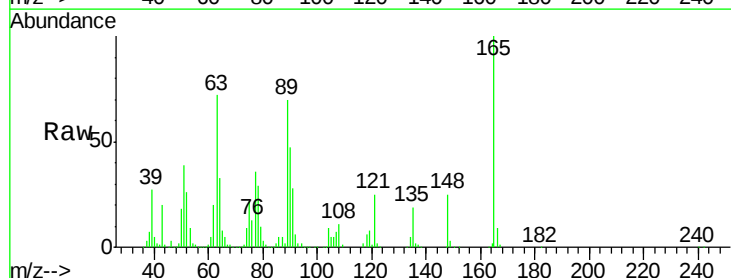
Tgt Ion:165 Resp: 325858

Ion Ratio Lower Upper

165 100

63 72.1 28.8 43.2#

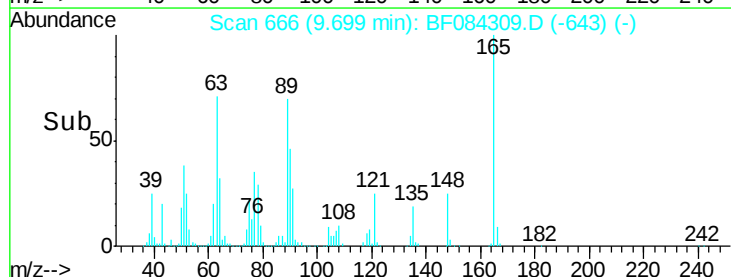
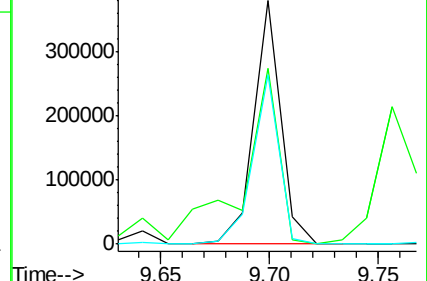
89 69.7 35.1 52.7#

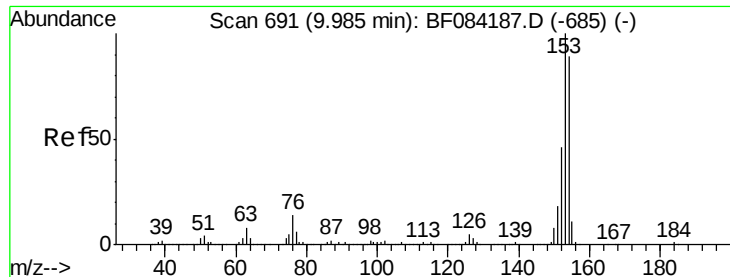


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 55.50 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

ClientSampleId :

SW002MS

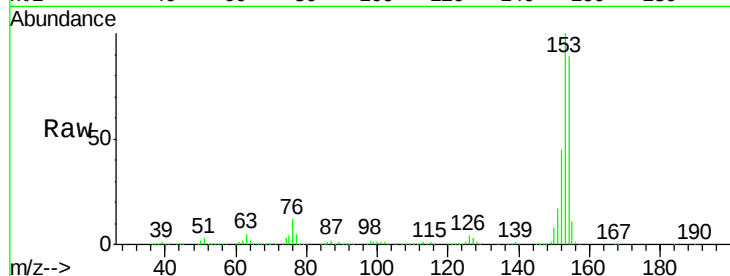
Tgt Ion:154 Resp: 1557397

Ion Ratio Lower Upper

154 100

153 112.4 91.5 137.3

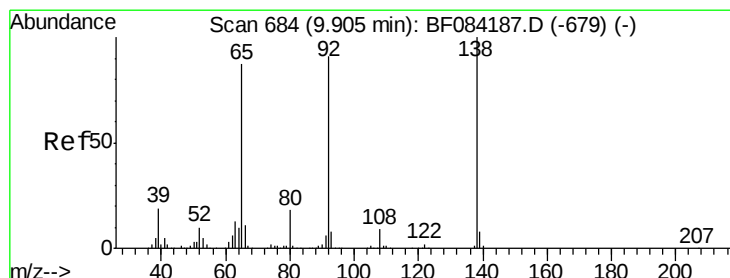
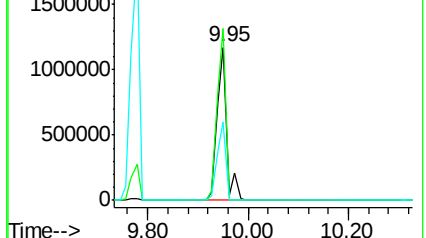
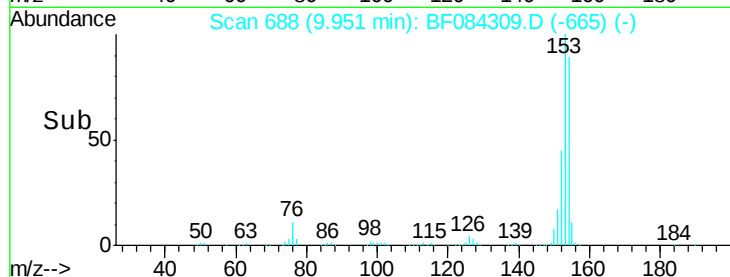
152 51.0 43.0 64.6



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: 34.75 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

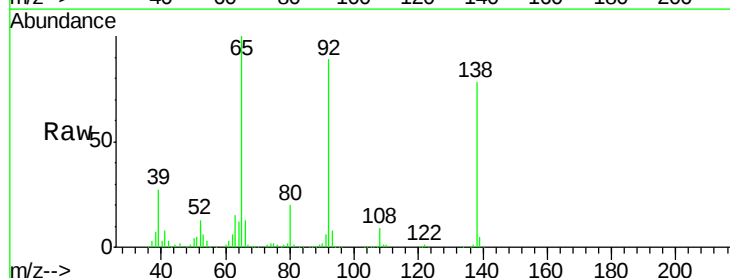
Tgt Ion:138 Resp: 306194

Ion Ratio Lower Upper

138 100

108 11.3 10.5 15.7

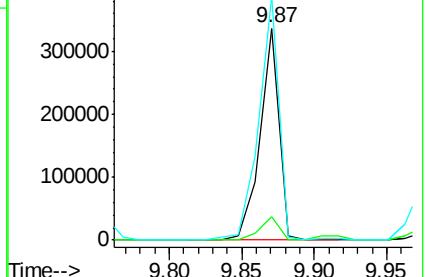
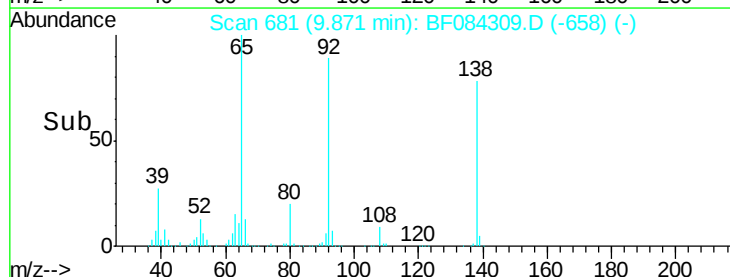
92 114.8 103.9 155.9

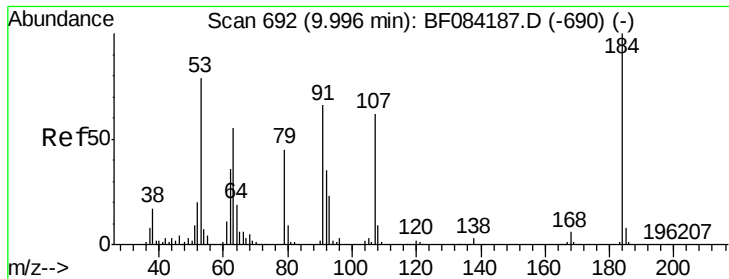


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

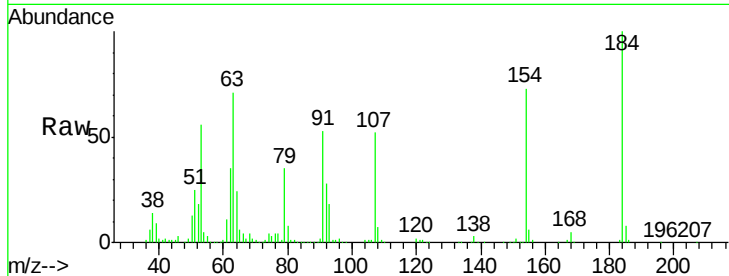




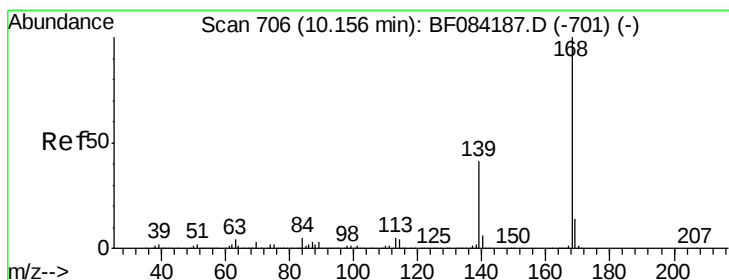
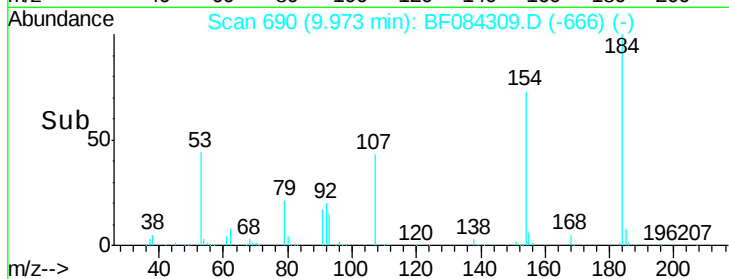
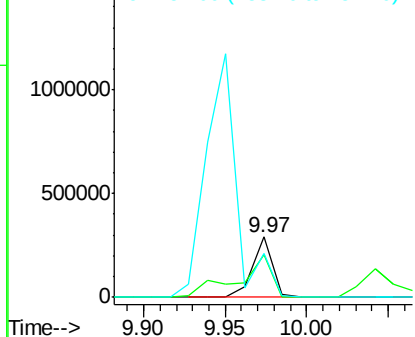
#53
2,4-Dinitrophenol
Concen: 81.77 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Instrument :
BNA_F
ClientSampleId :
SW002MS

Tgt Ion:184 Resp: 247965
Ion Ratio Lower Upper
184 100
63 70.8 43.1 64.7#
154 73.5 60.5 90.7

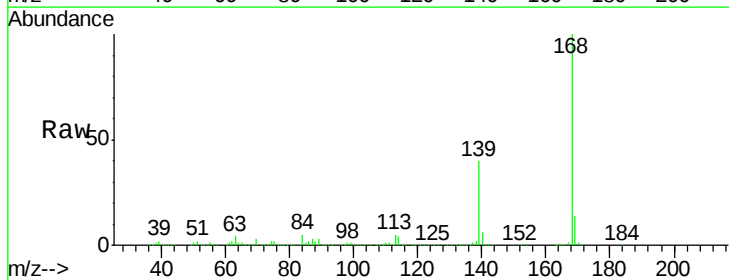


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

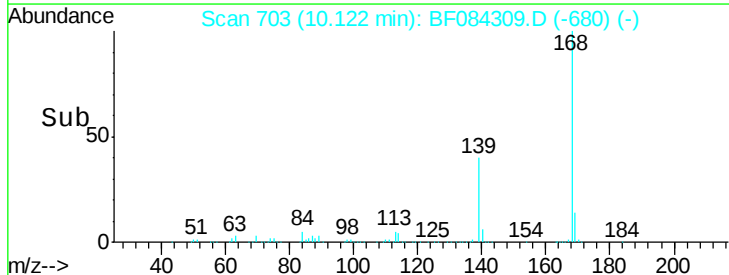
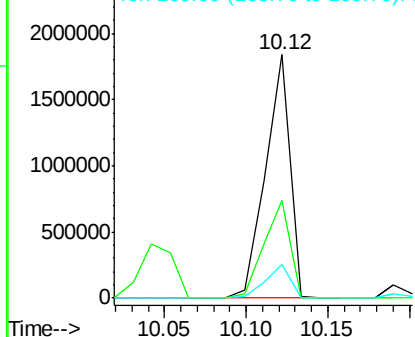


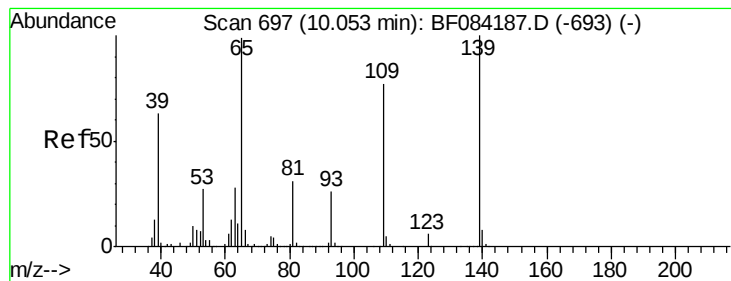
#54
Dibenzofuran
Concen: 53.30 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.03 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Tgt Ion:168 Resp: 1917059
Ion Ratio Lower Upper
168 100
139 40.3 30.5 45.7
169 13.9 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 95.10 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

ClientSampled :

SW002MS

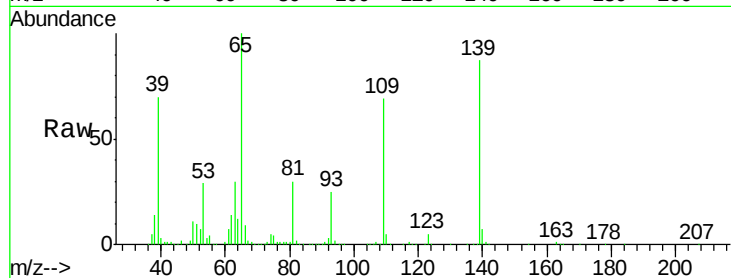
Tgt Ion:139 Resp: 608371

Ion Ratio Lower Upper

139 100

109 79.1 58.5 98.5

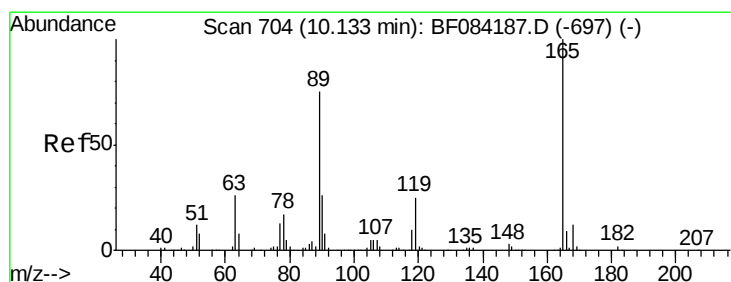
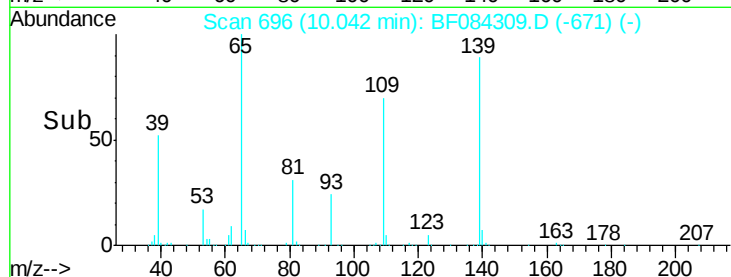
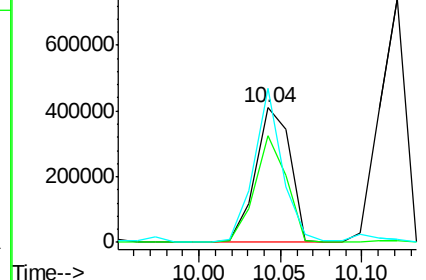
65 114.4 57.6 97.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 48.90 ng

RT: 10.10 min Scan# 701

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Tgt Ion:165 Resp: 440144

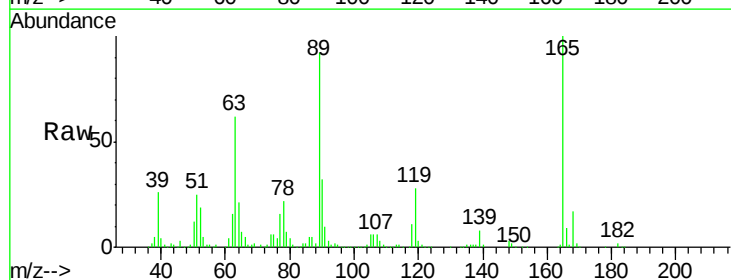
Ion Ratio Lower Upper

165 100

63 62.2 36.7 55.1#

89 91.9 61.9 92.9

182 1.9 2.0 3.0#

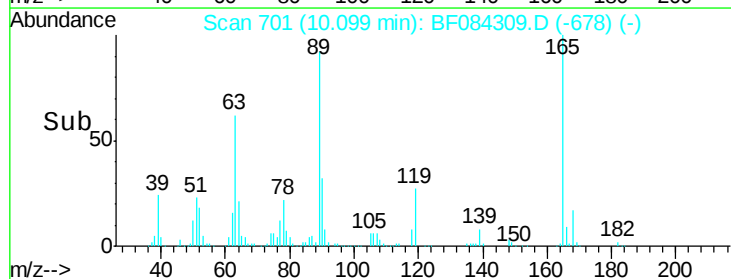
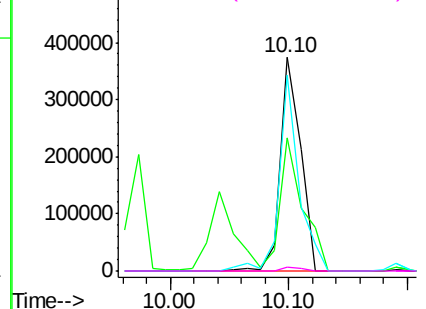


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 50.85 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

ClientSampleId :

SW002MS

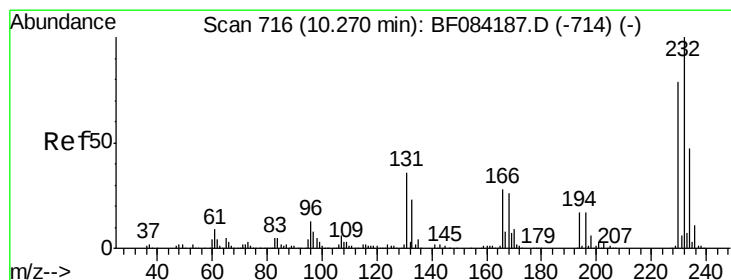
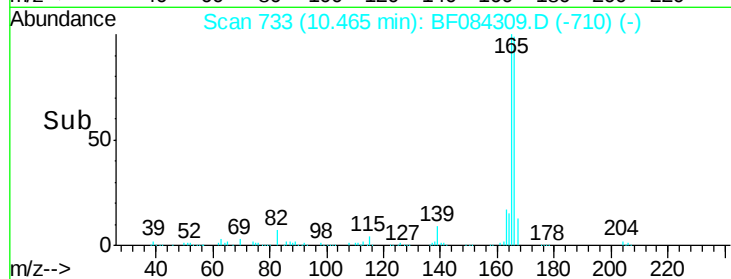
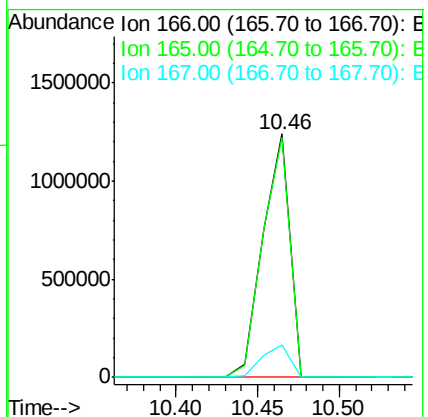
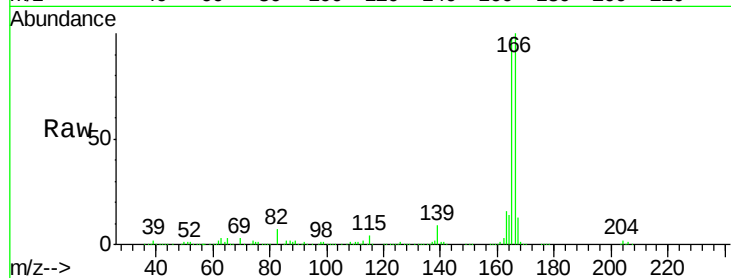
Tgt Ion:166 Resp: 1420366

Ion Ratio Lower Upper

166 100

165 98.2 79.1 118.7

167 13.2 10.4 15.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.77 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Tgt Ion:232 Resp: 365479

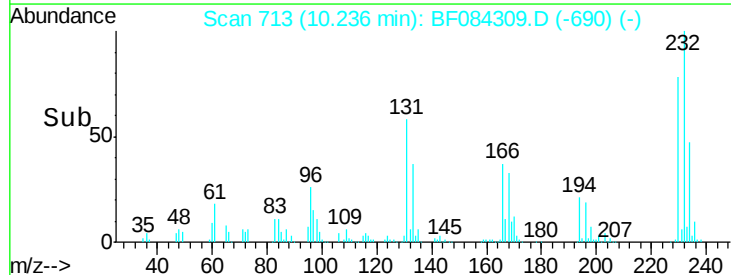
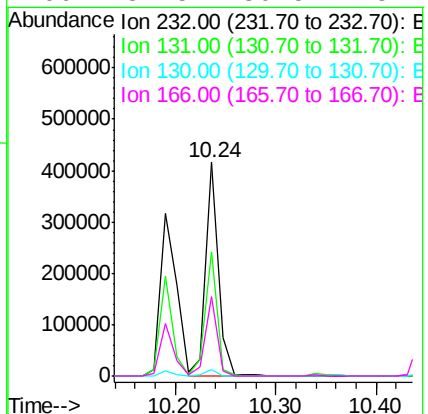
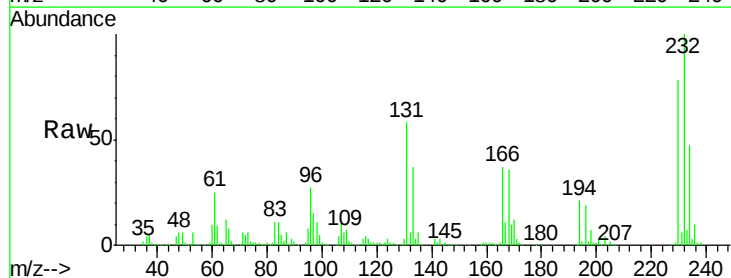
Ion Ratio Lower Upper

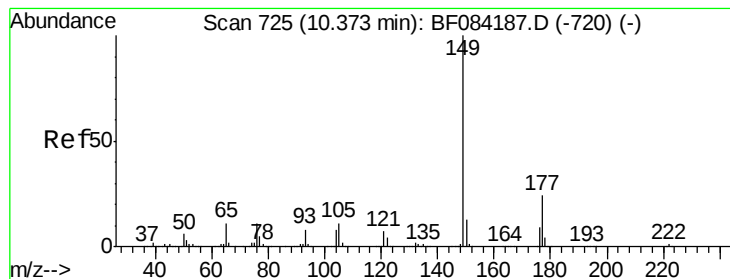
232 100

131 53.9 47.0 70.6

130 2.9 2.0 3.0

166 34.5 30.5 45.7





#59

Diethylphthalate

Concen: 46.30 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

ClientSampleId :

SW002MS

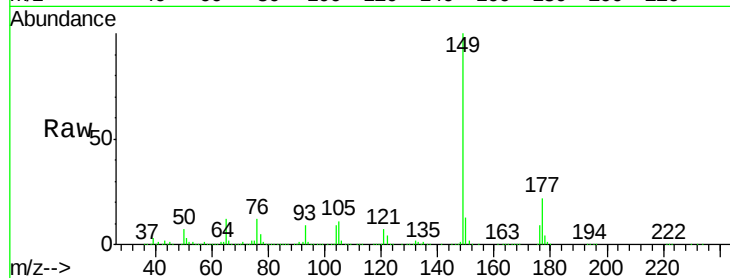
Tgt Ion:149 Resp: 1480219

Ion Ratio Lower Upper

149 100

177 21.8 17.3 25.9

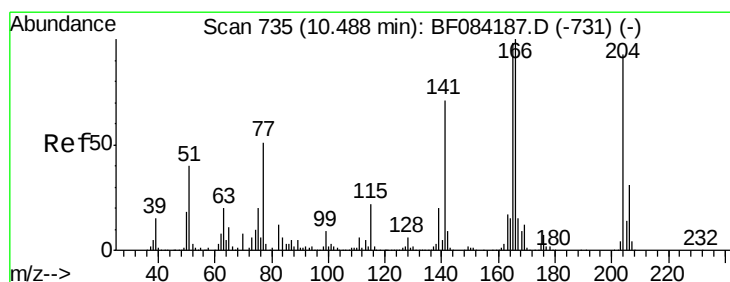
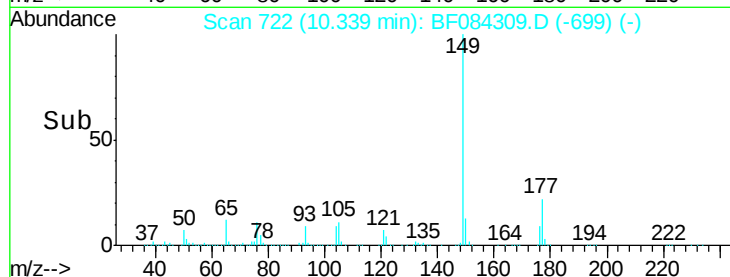
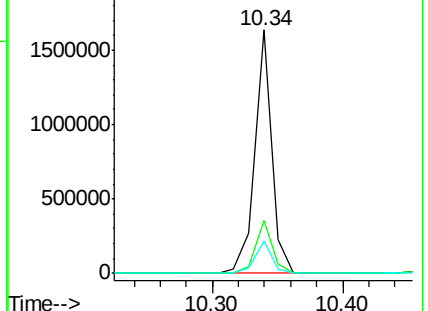
150 13.3 9.8 14.8



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: 57.79 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

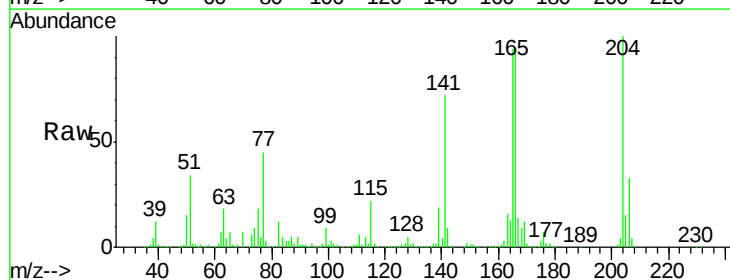
Tgt Ion:204 Resp: 658635

Ion Ratio Lower Upper

204 100

206 33.1 25.7 38.5

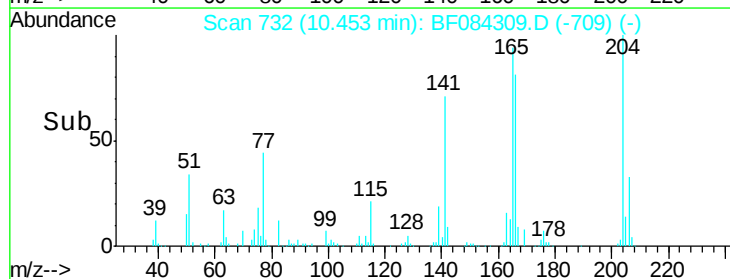
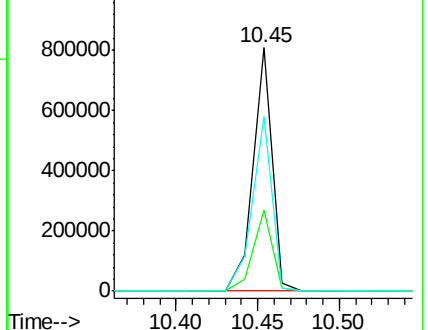
141 71.5 55.1 82.7



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

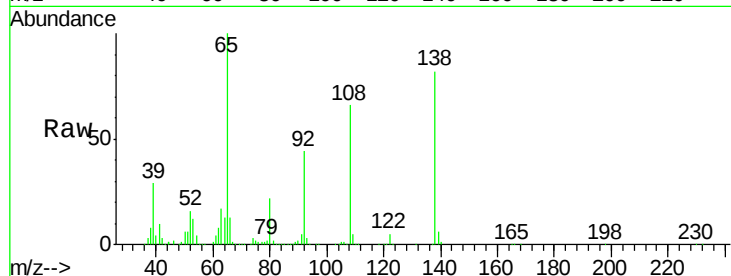




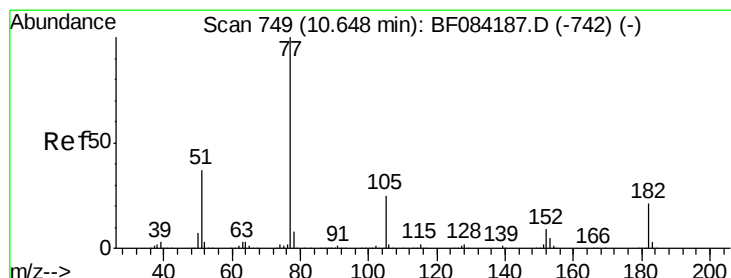
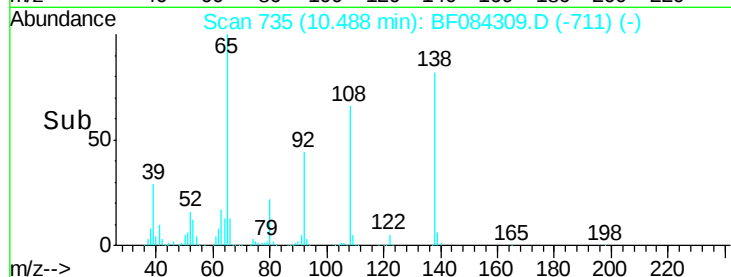
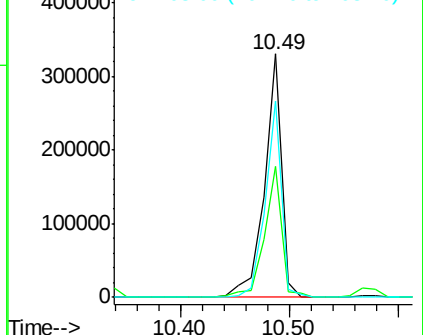
#61
4-Nitroaniline
Concen: 46.68 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Instrument :
BNA_F
ClientSampleId :
SW002MS

Tgt Ion:138 Resp: 366717
Ion Ratio Lower Upper
138 100
92 53.7 32.6 72.6
108 80.7 68.6 108.6

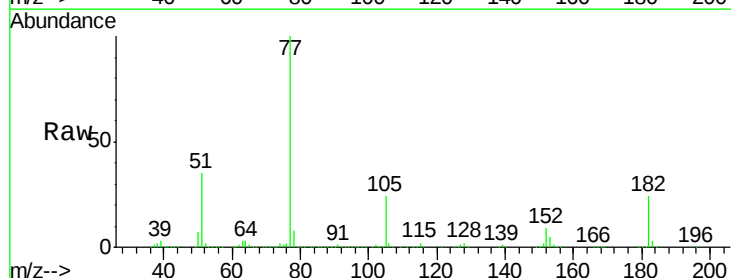


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

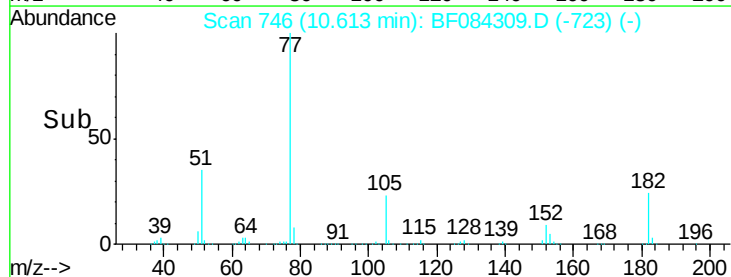
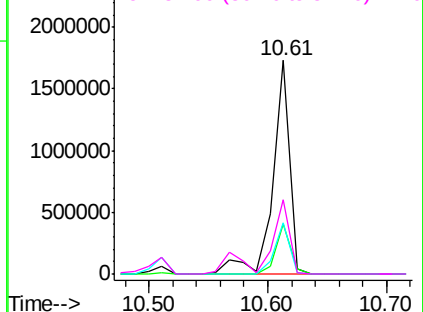


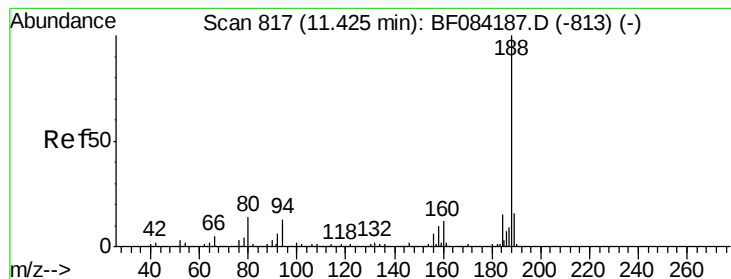
#62
Azobenzene
Concen: 48.99 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.03 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Tgt Ion: 77 Resp: 1717866
Ion Ratio Lower Upper
77 100
182 23.5 8.3 48.3
105 24.2 4.6 44.6
51 34.7 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: 11.39 min Scan# 814

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

ClientSampleId :

SW002MS

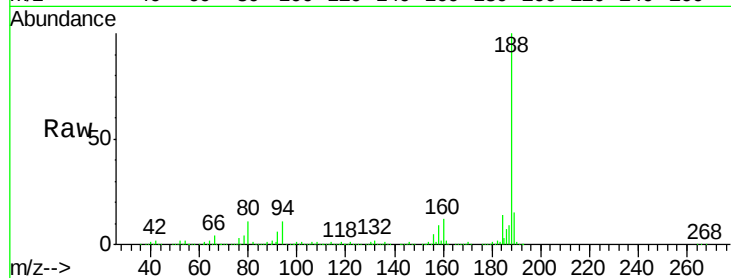
Tgt Ion:188 Resp: 805192

Ion Ratio Lower Upper

188 100

94 10.8 9.0 13.4

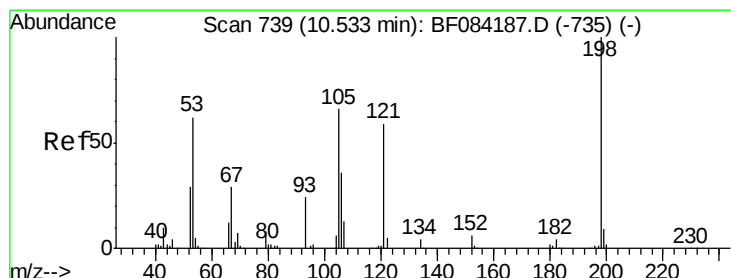
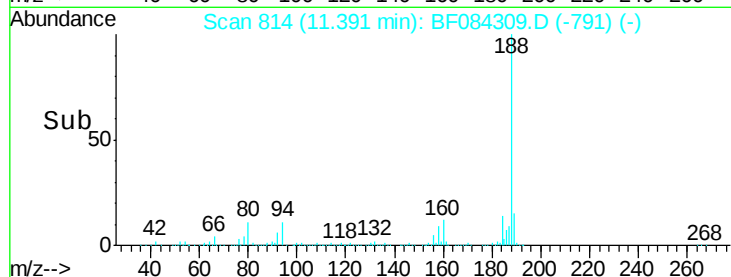
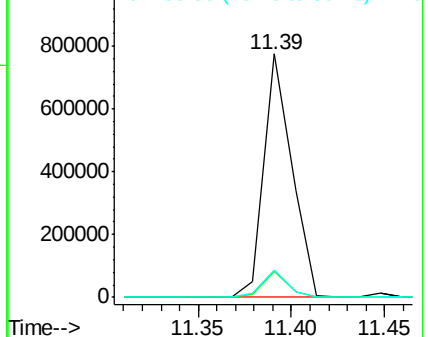
80 11.4 9.6 14.4



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: 49.82 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

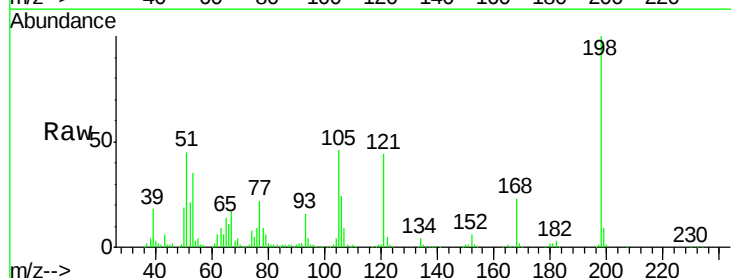
Tgt Ion:198 Resp: 242072

Ion Ratio Lower Upper

198 100

51 45.4 18.9 58.9

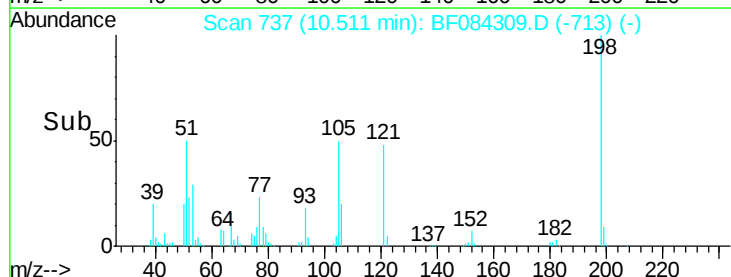
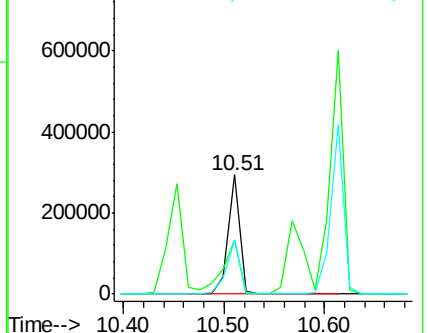
105 45.9 26.4 66.4

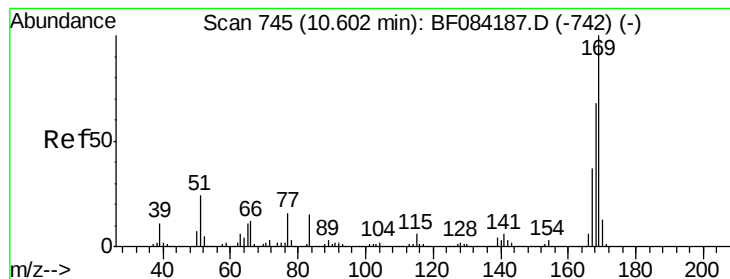


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 50.75 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

ClientSampleId :

SW002MS

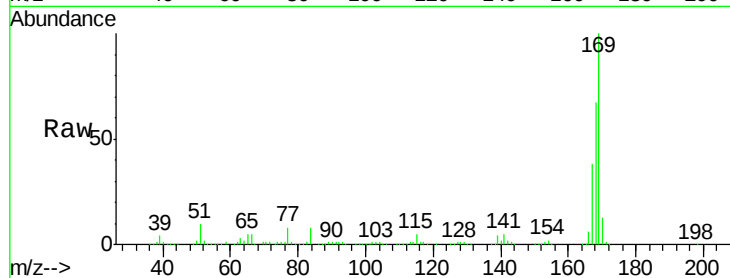
Tgt Ion:169 Resp: 1306441

Ion Ratio Lower Upper

169 100

168 67.1 55.1 82.7

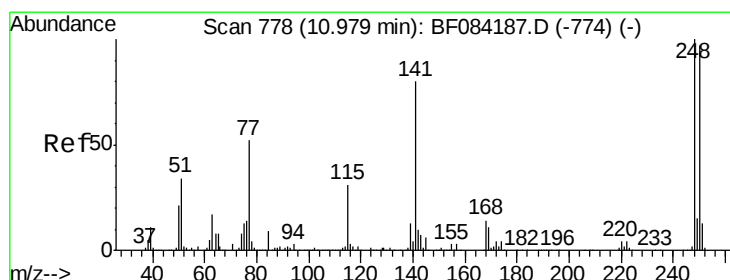
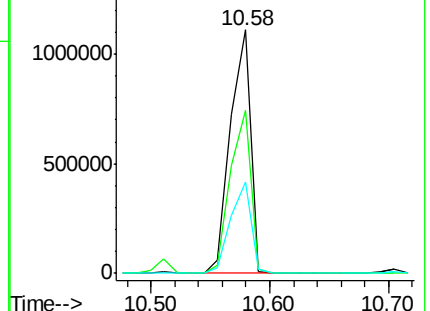
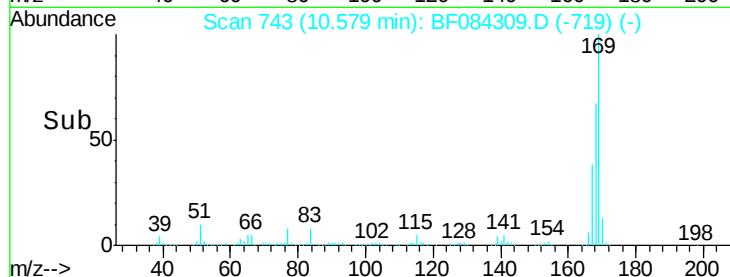
167 37.6 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 52.40 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

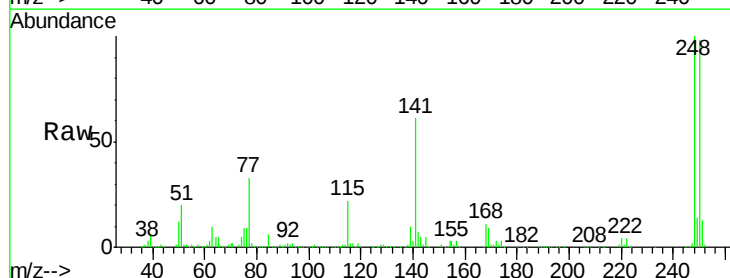
Tgt Ion:248 Resp: 454147

Ion Ratio Lower Upper

248 100

250 97.7 78.4 117.6

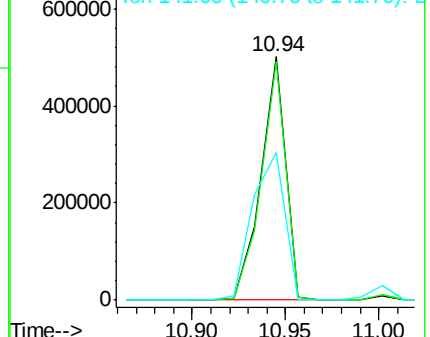
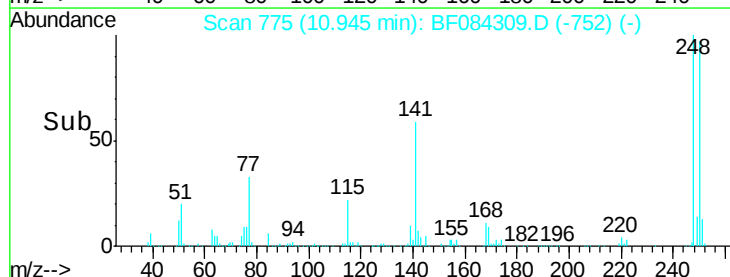
141 60.7 44.0 66.0

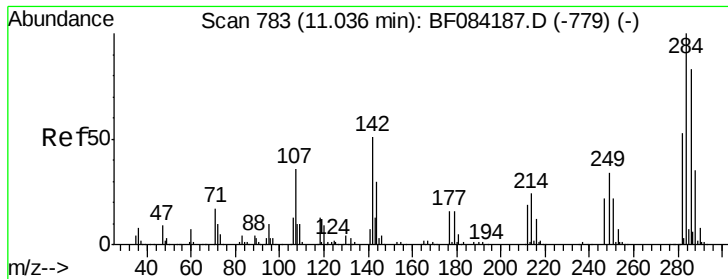


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

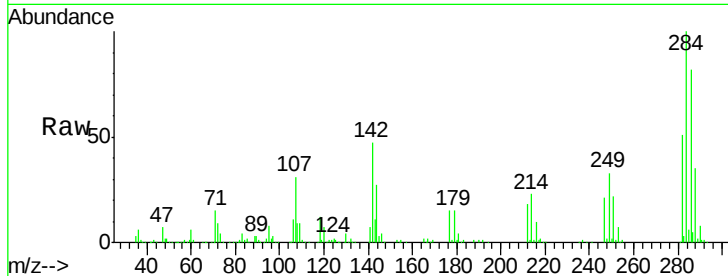




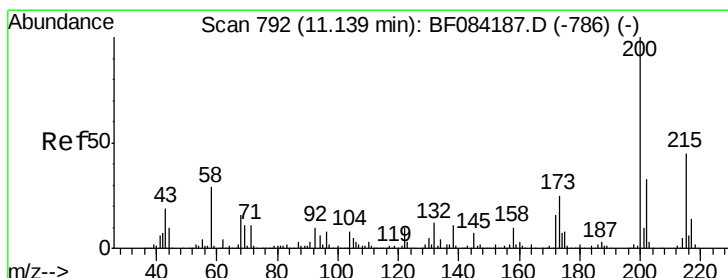
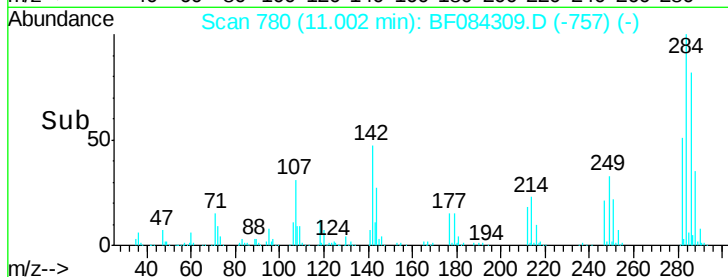
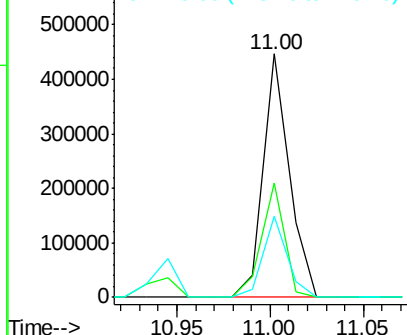
#67
Hexachlorobenzene
Concen: 44.04 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Instrument :
BNA_F
ClientSampleId :
SW002MS

Tgt Ion:284 Resp: 429536
Ion Ratio Lower Upper
284 100
142 47.1 22.2 33.4#
249 33.1 24.6 37.0

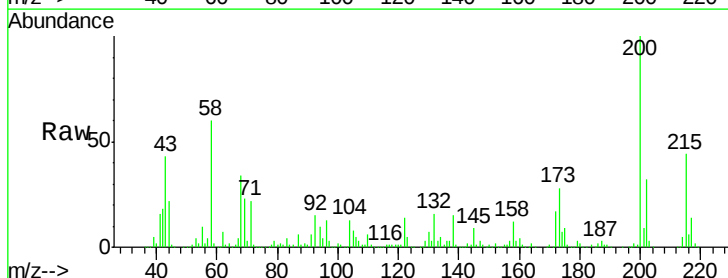


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

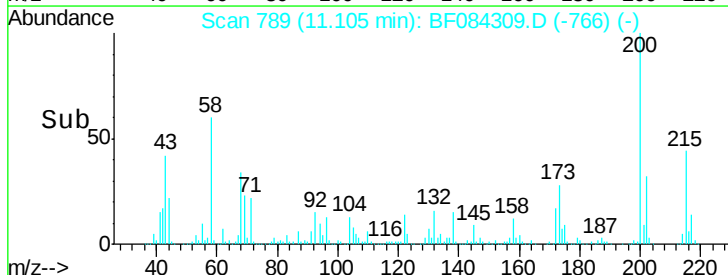
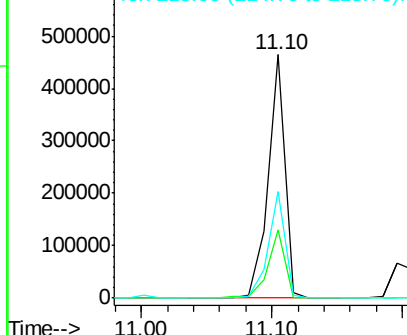


#68
Atrazine
Concen: 49.64 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Tgt Ion:200 Resp: 418214
Ion Ratio Lower Upper
200 100
173 27.8 9.5 49.5
215 44.0 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

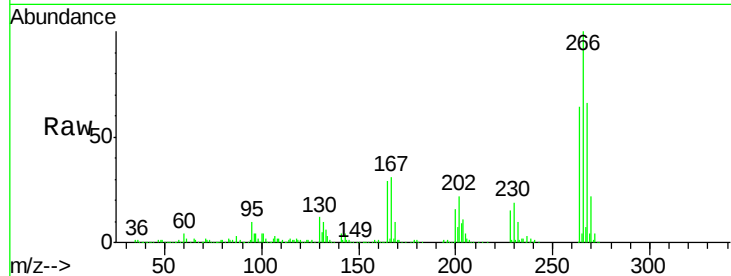




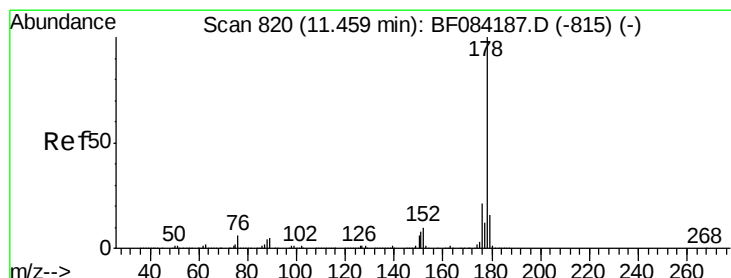
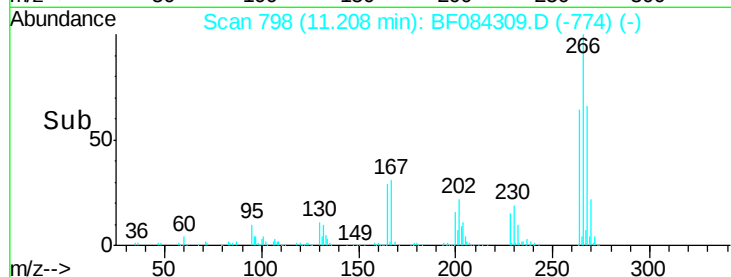
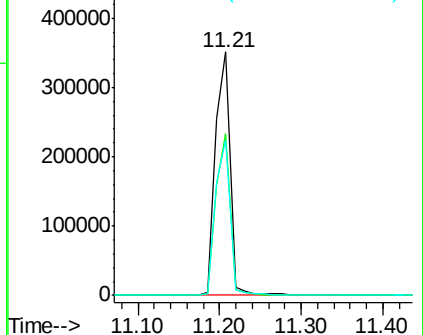
#69
 Pentachlorophenol
 Concen: 87.07 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

Instrument :
 BNA_F
 ClientSampleId :
 SW002MS

Tgt Ion:266 Resp: 440401
 Ion Ratio Lower Upper
 266 100
 268 66.4 52.4 78.6
 264 63.8 50.2 75.2

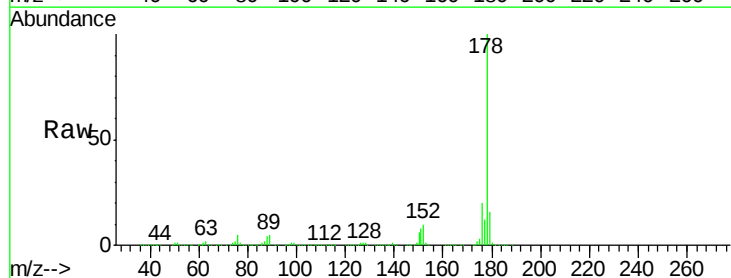


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

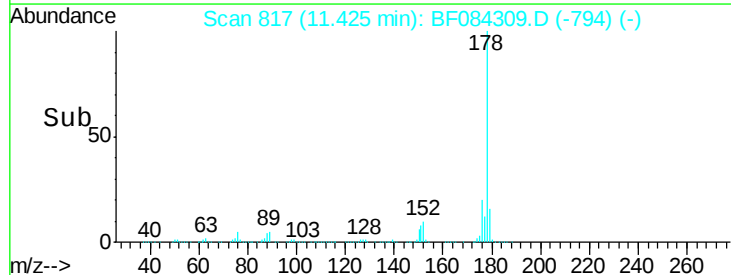
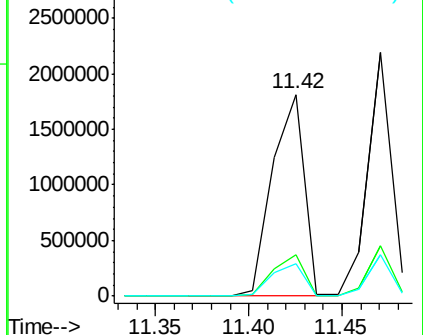


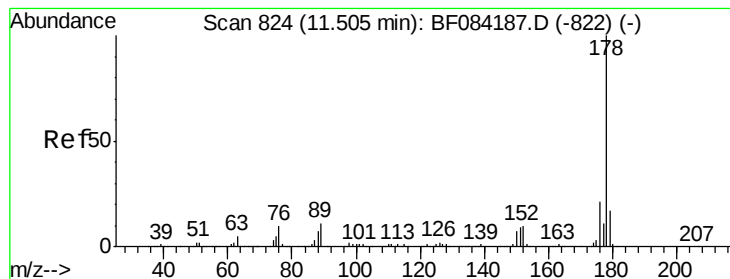
#70
 Phenanthrene
 Concen: 51.04 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.03 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

Tgt Ion:178 Resp: 2149509
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.3 22.9
 179 16.0 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: 46.64 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

ClientSampled :

SW002MS

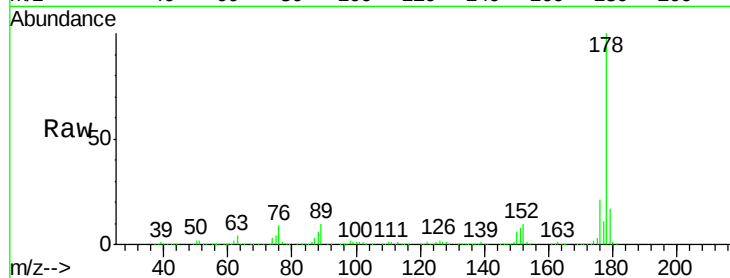
Tgt Ion:178 Resp: 1925669

Ion Ratio Lower Upper

178 100

176 20.7 15.4 23.0

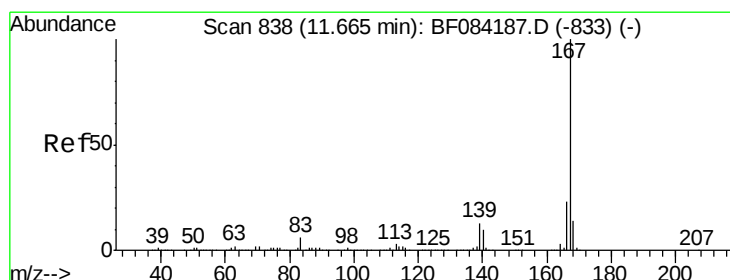
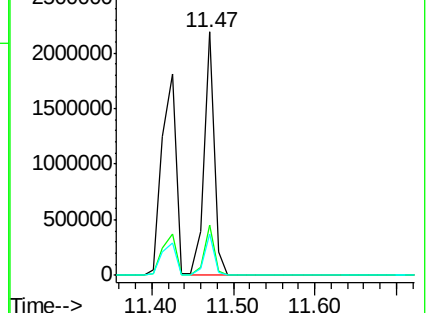
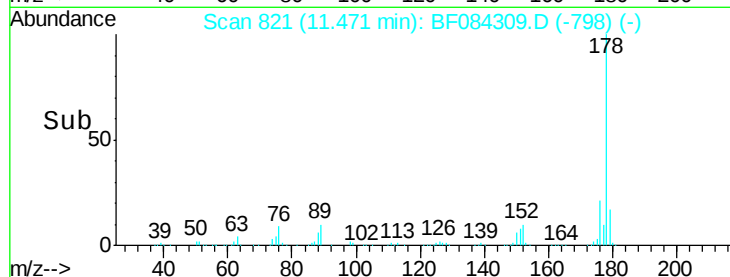
179 16.8 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 49.12 ng

RT: 11.63 min Scan# 835

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

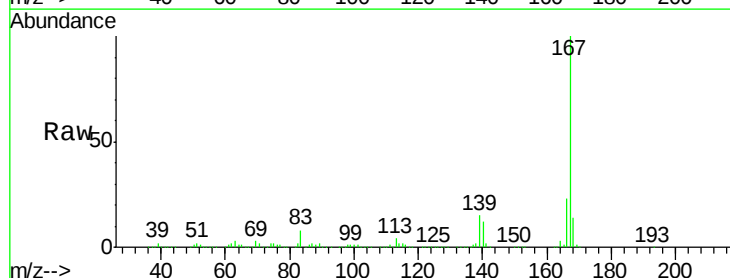
Tgt Ion:167 Resp: 1982832

Ion Ratio Lower Upper

167 100

166 23.3 17.6 26.4

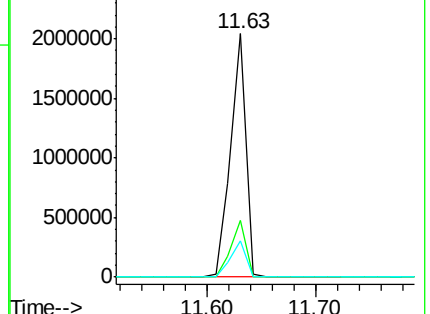
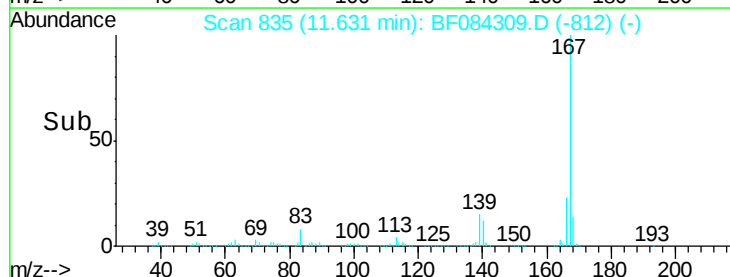
139 15.1 11.8 17.8

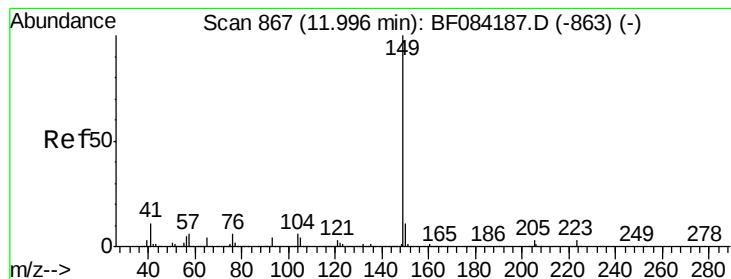


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 58.97 ng

RT: 11.96 min Scan# 864

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

ClientSampleId :

SW002MS

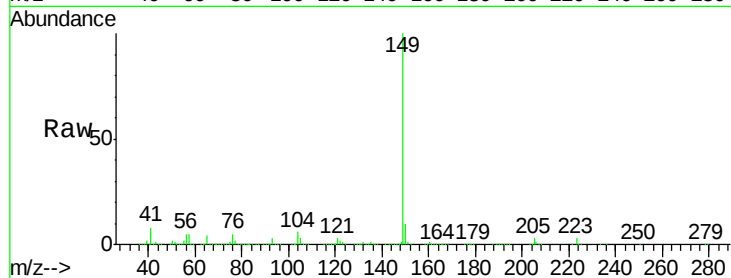
Tgt Ion:149 Resp: 2344138

Ion Ratio Lower Upper

149 100

150 10.4 7.1 10.7

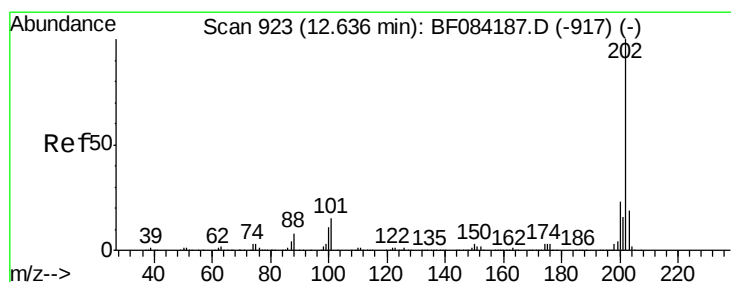
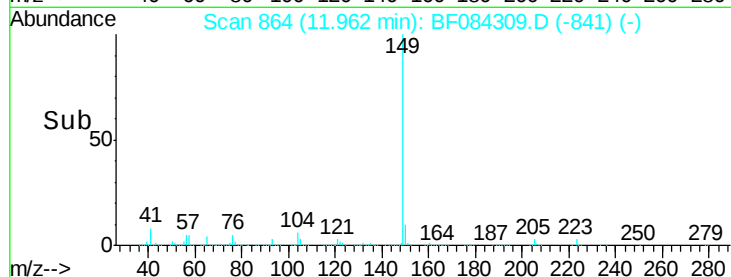
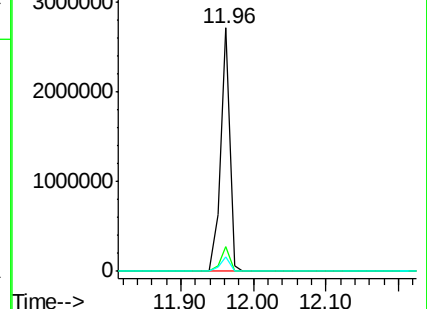
104 5.9 3.2 4.8#



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: 44.11 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

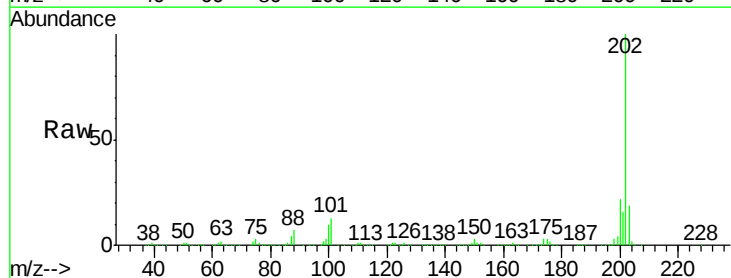
Tgt Ion:202 Resp: 1940879

Ion Ratio Lower Upper

202 100

101 13.1 0.0 32.8

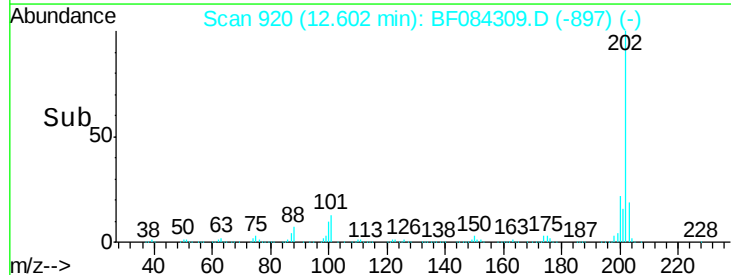
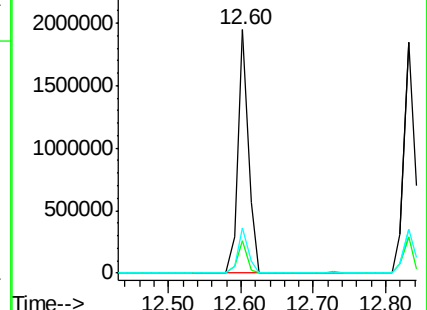
203 18.7 0.0 37.9

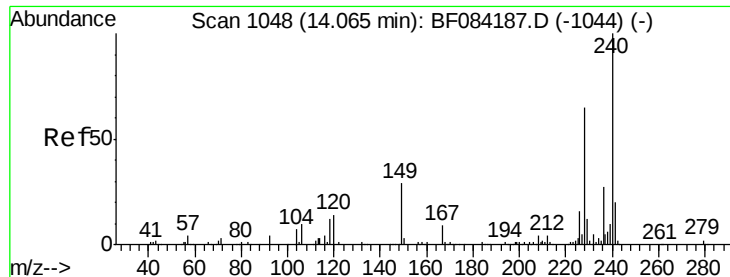


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.03 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

ClientSampleId :

SW002MS

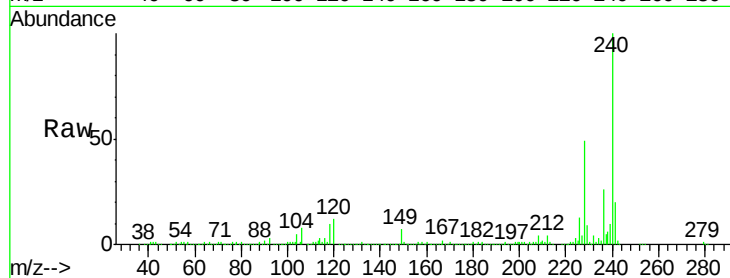
Tgt Ion:240 Resp: 644022

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

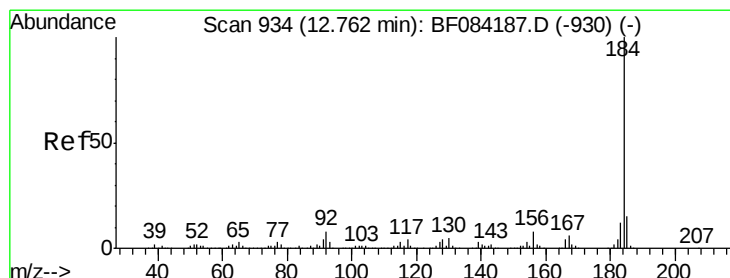
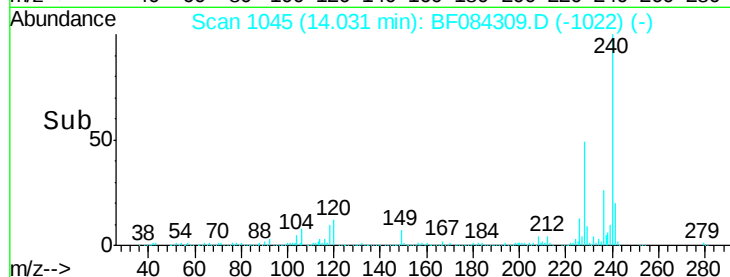
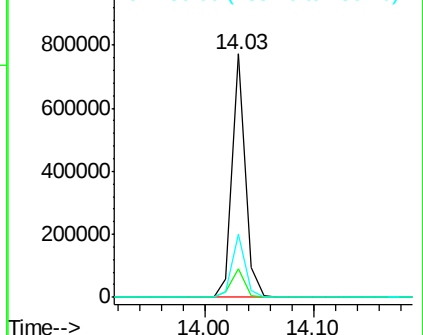
236 26.1 20.6 31.0



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: 40.83 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

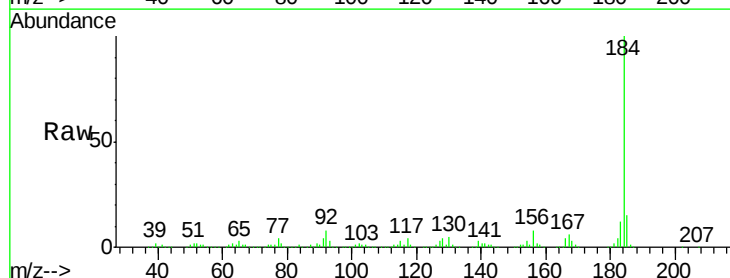
Tgt Ion:184 Resp: 942837

Ion Ratio Lower Upper

184 100

185 14.7 12.2 18.2

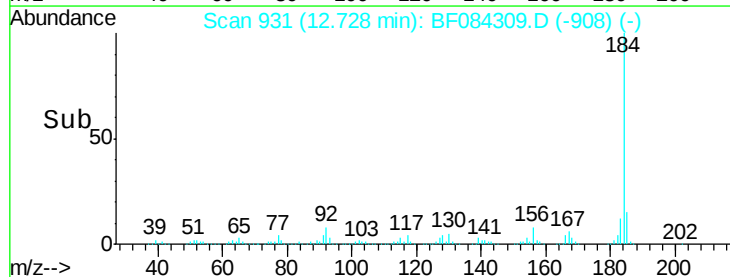
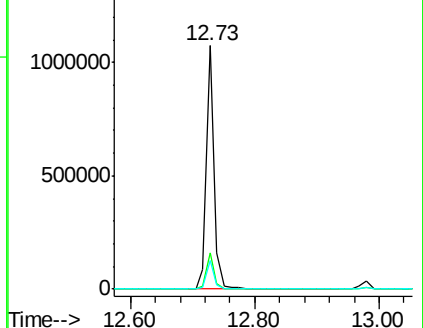
183 11.7 9.8 14.8

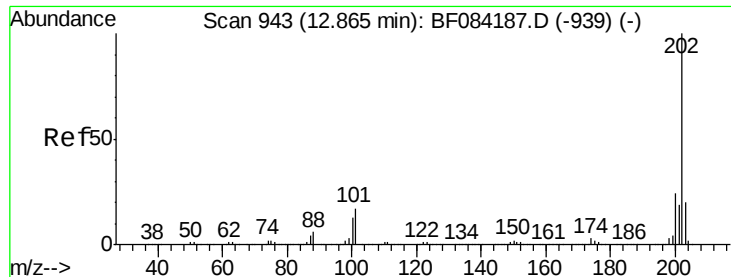


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

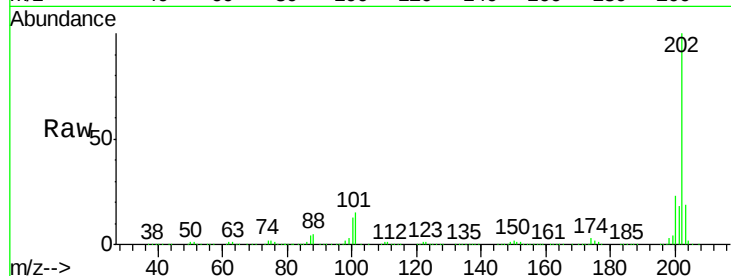




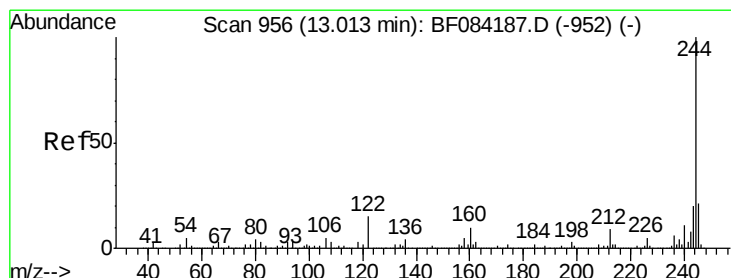
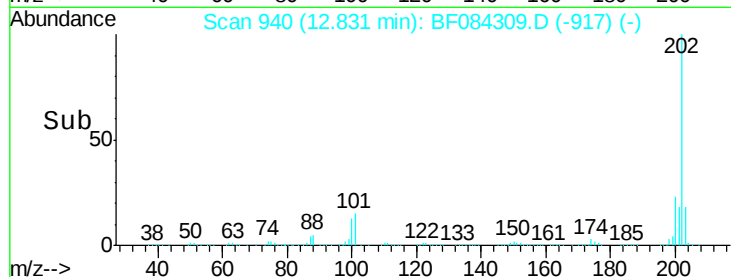
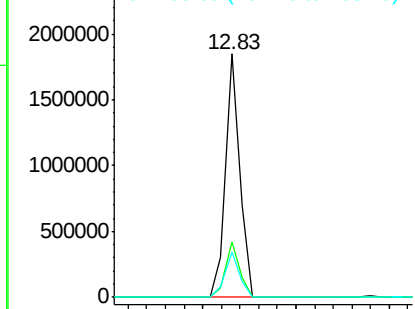
#77
 Pyrene
 Concen: 38.98 ng
 RT: 12.83 min Scan# 940
 Delta R.T. -0.03 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

Instrument :
 BNA_F
 ClientSampleId :
 SW002MS

Tgt Ion:202 Resp: 1970064
 Ion Ratio Lower Upper
 202 100
 200 22.8 17.2 25.8
 203 18.8 14.3 21.5

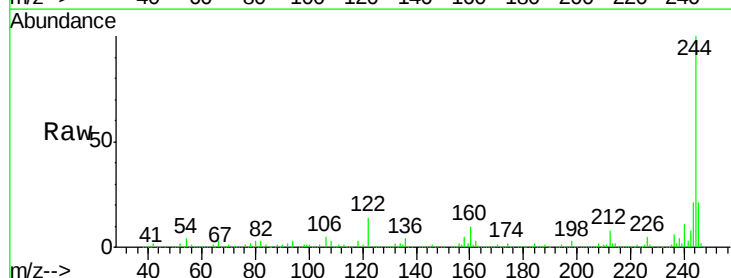


Abundance Ion 202.00 (201.70 to 202.70): E
 2500000
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

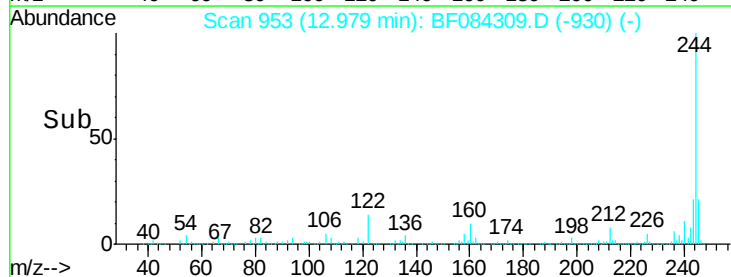
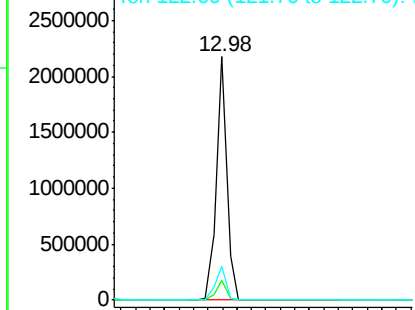


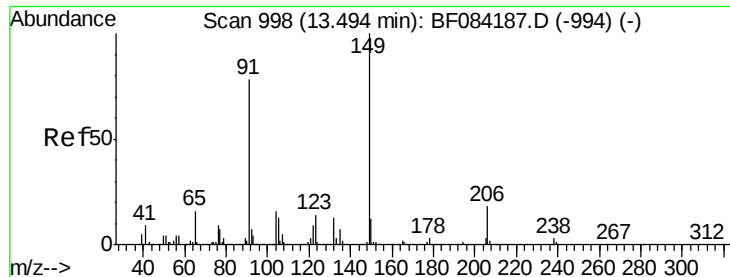
#78
 Terphenyl-d14
 Concen: 75.56 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.03 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

Tgt Ion:244 Resp: 2179956
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.7 8.5
 122 14.1 7.4 11.0#



Abundance Ion 244.00 (243.70 to 244.70): E
 3000000
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

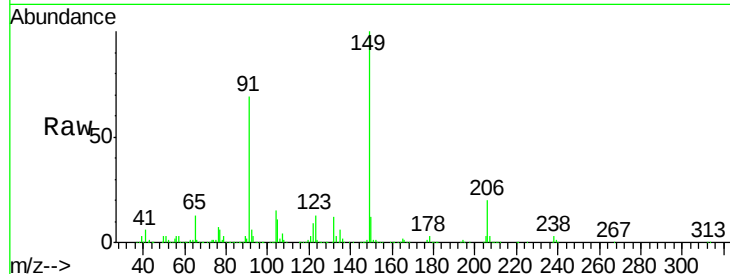




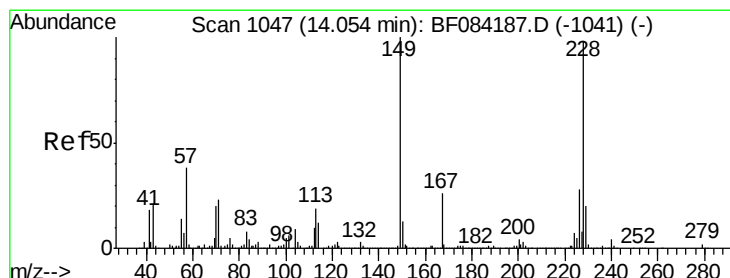
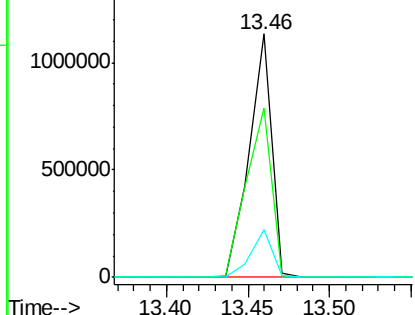
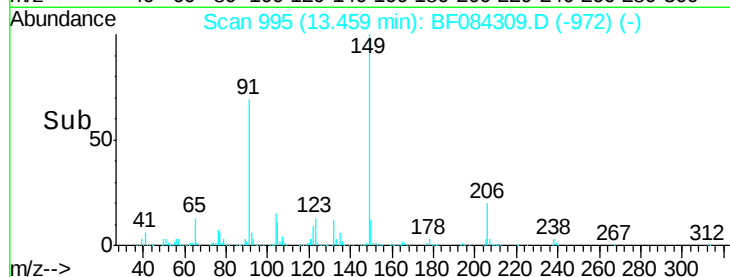
#79
Butylbenzylphthalate
Concen: 49.57 ng
RT: 13.46 min Scan# 995
Delta R.T. -0.03 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Instrument :
BNA_F
ClientSampleId :
SW002MS

Tgt Ion:149 Resp: 1084141
Ion Ratio Lower Upper
149 100
91 69.5 57.6 86.4
206 19.5 13.2 19.8

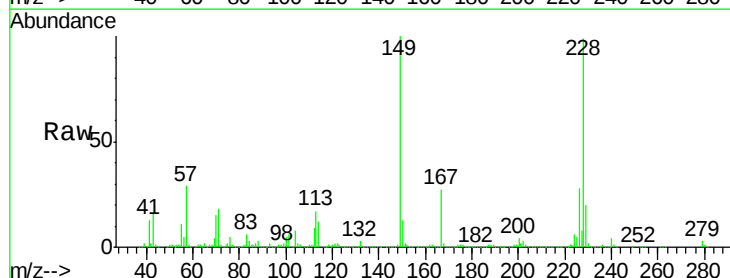


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

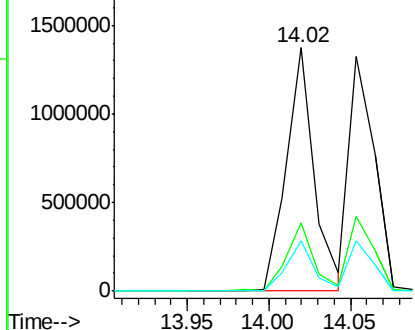
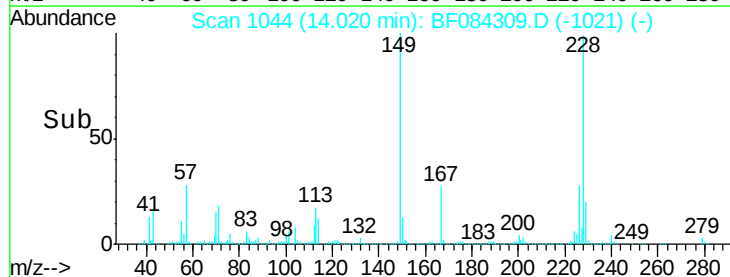


#80
Benzo(a)anthracene
Concen: 43.37 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Tgt Ion:228 Resp: 1640106
Ion Ratio Lower Upper
228 100
226 28.0 21.8 32.6
229 20.5 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

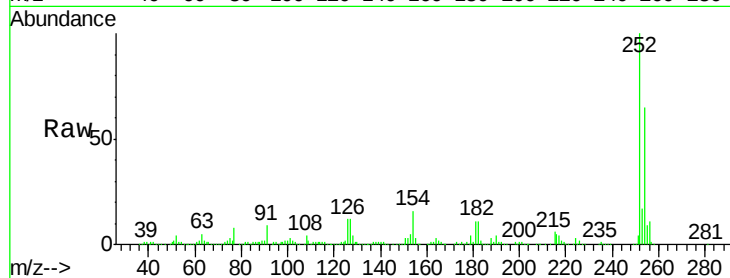




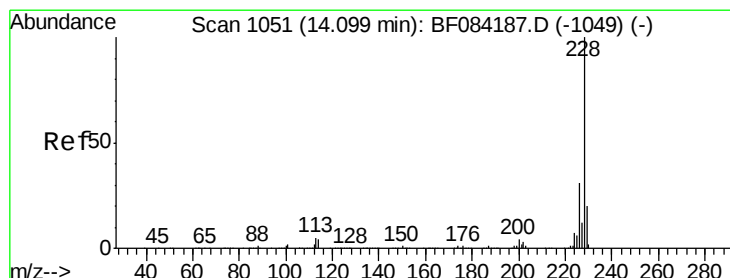
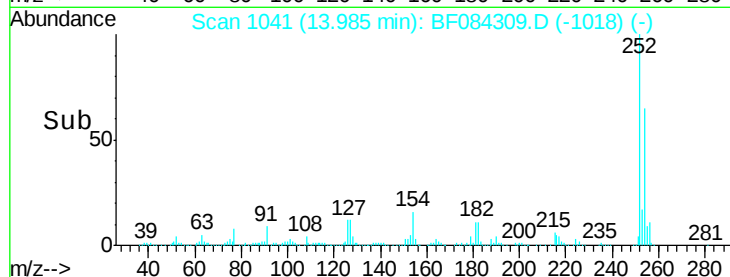
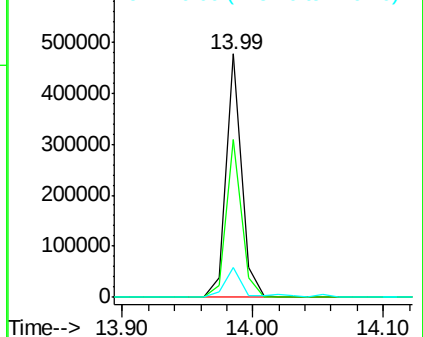
#81
 3,3'-Dichlorobenzidine
 Concen: 30.15 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

Instrument :
 BNA_F
 ClientSampleId :
 SW002MS

Tgt Ion:252 Resp: 397939
 Ion Ratio Lower Upper
 252 100
 254 64.9 53.5 80.3
 126 12.5 4.9 7.3#

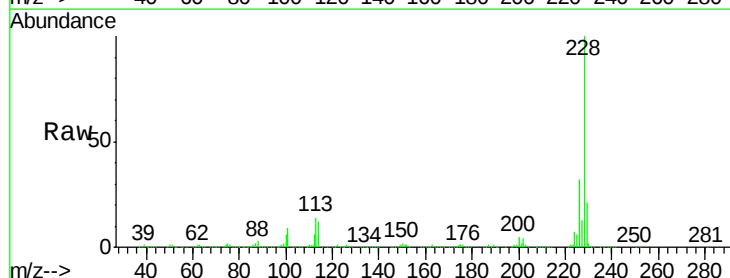


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

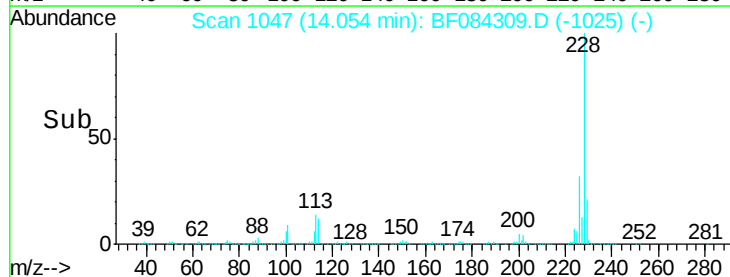
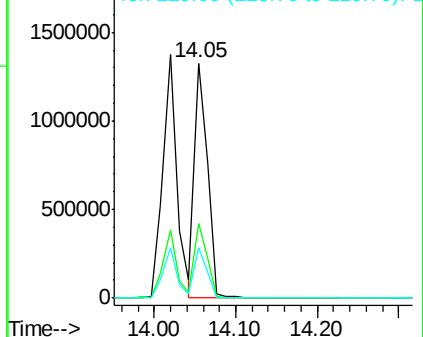


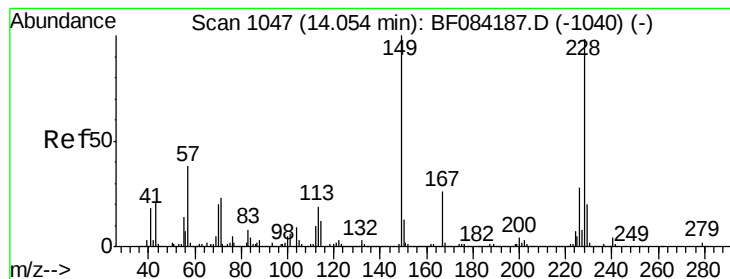
#82
 Chrysene
 Concen: 40.53 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.05 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

Tgt Ion:228 Resp: 1472838
 Ion Ratio Lower Upper
 228 100
 226 31.8 24.3 36.5
 229 21.3 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: 47.61 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

ClientSampleId :

SW002MS

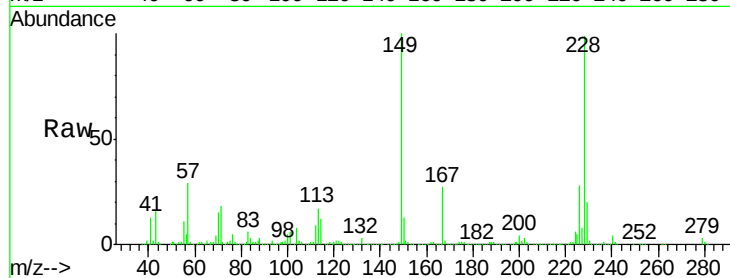
Tgt Ion:149 Resp: 1315438

Ion Ratio Lower Upper

149 100

167 26.9 19.7 29.5

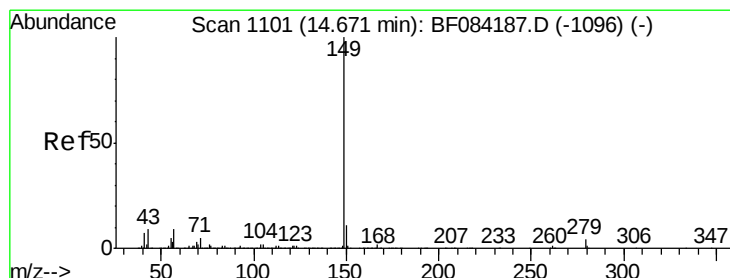
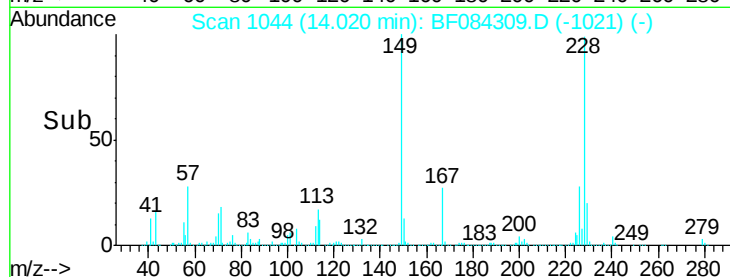
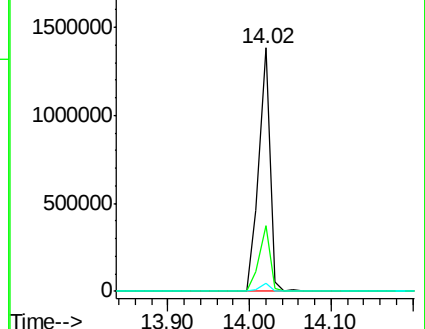
279 3.4 1.8 2.6#



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: 44.84 ng

RT: 14.63 min Scan# 1097

Delta R.T. -0.05 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

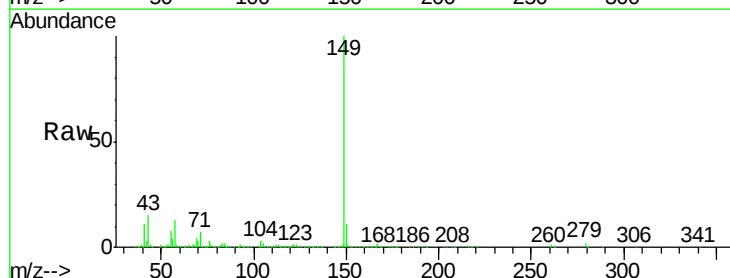
Tgt Ion:149 Resp: 2091461

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

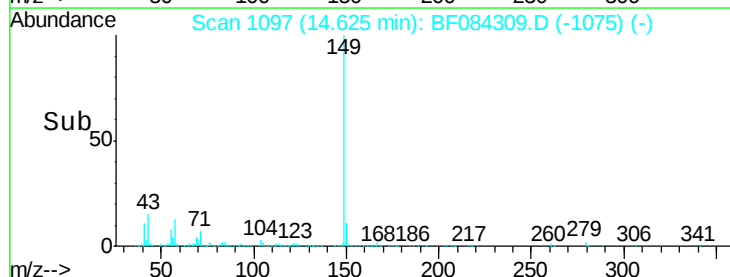
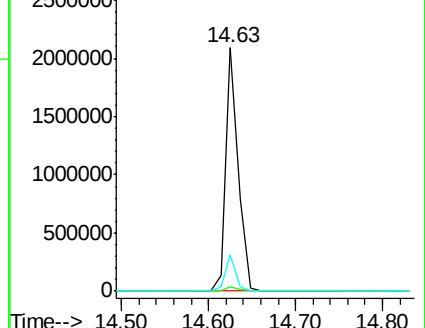
43 12.8 5.6 8.4#

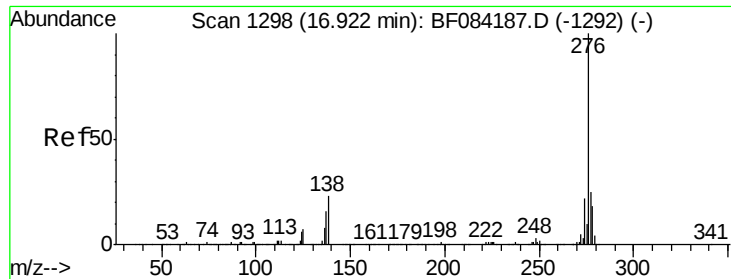


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

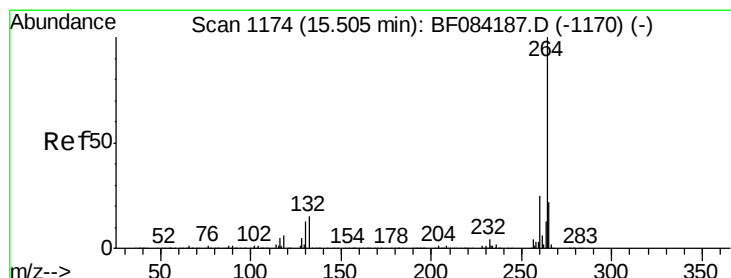
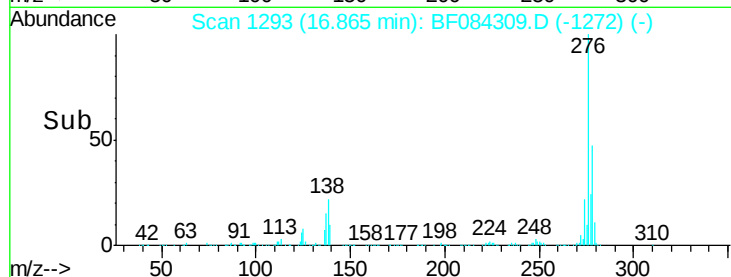
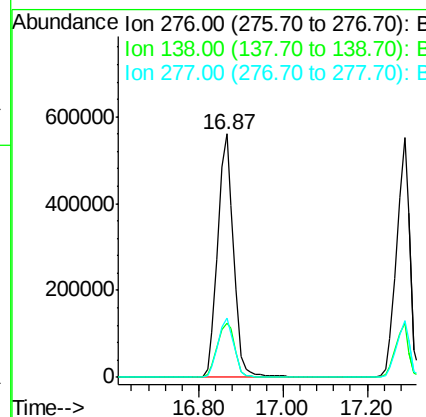
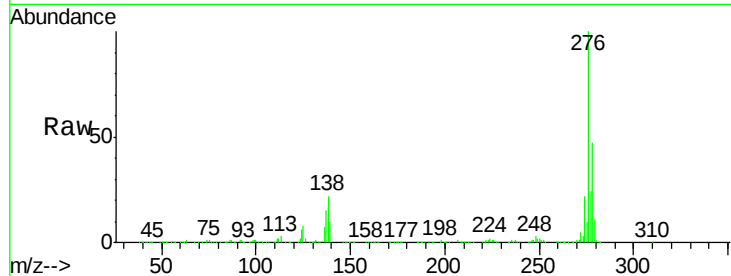




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.54 ng
 RT: 16.87 min Scan# 1293
 Delta R.T. -0.06 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

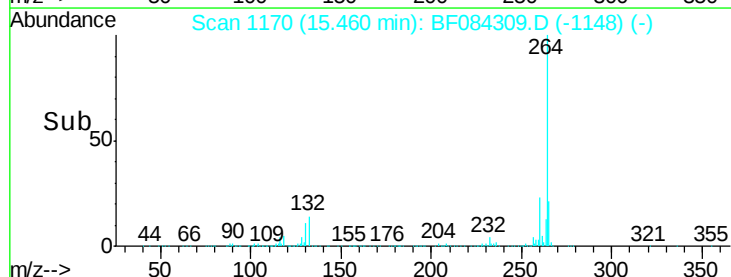
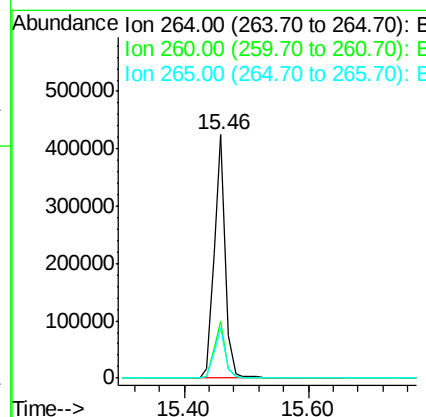
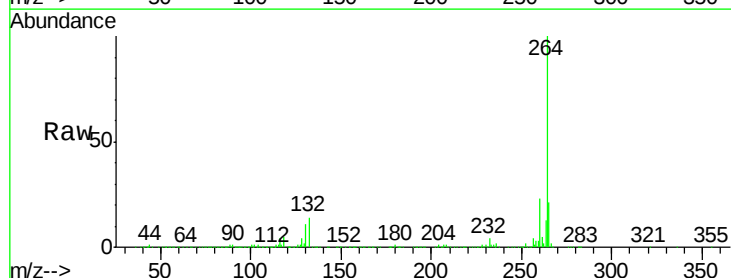
Instrument :
 BNA_F
 ClientSampleId :
 SW002MS

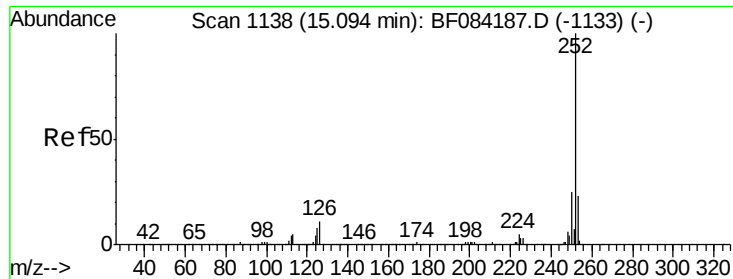
Tgt Ion:276 Resp: 1484475
 Ion Ratio Lower Upper
 276 100
 138 25.1 20.6 30.8
 277 25.0 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. -0.05 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

Tgt Ion:264 Resp: 518969
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.4 29.2
 265 20.9 17.8 26.6





#87

Benzo(b)fluoranthene

Concen: 43.67 ng

RT: 15.05 min Scan# 1134

Delta R.T. -0.05 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

ClientSampleId :

SW002MS

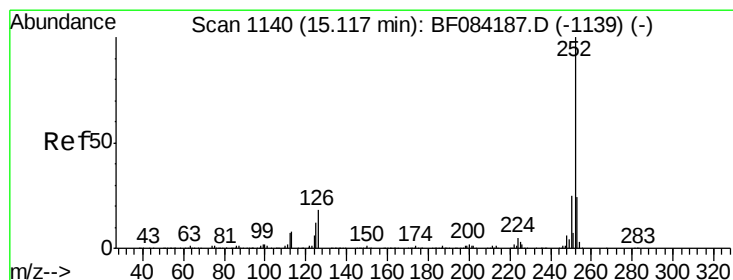
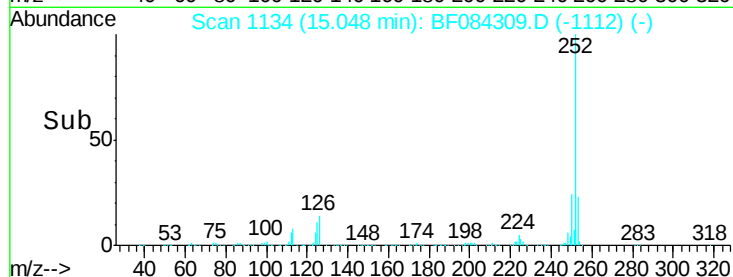
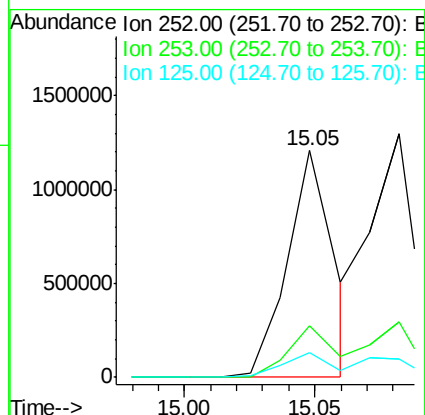
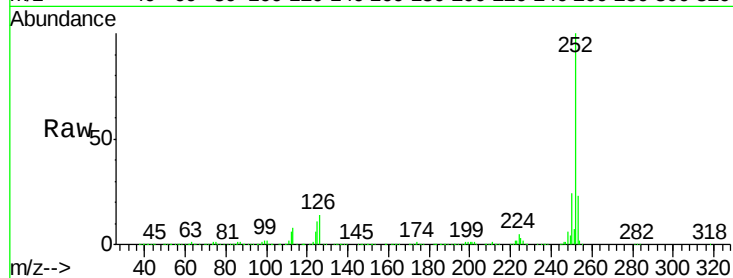
Tgt Ion:252 Resp: 1482573

Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

125 10.7 6.5 9.7#



#88

Benzo(k)fluoranthene

Concen: 53.40 ng

RT: 15.05 min Scan# 1134

Delta R.T. -0.07 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

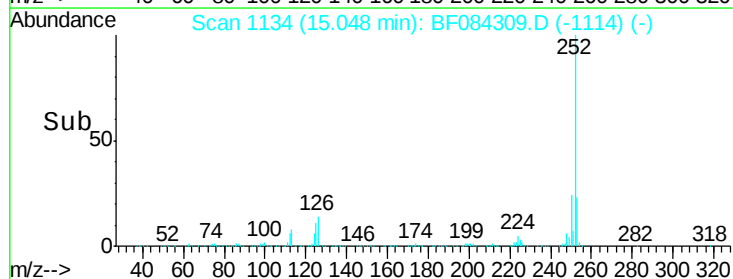
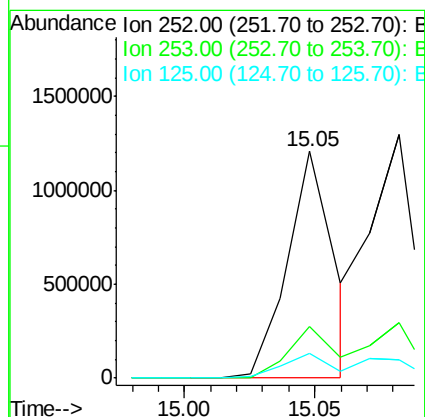
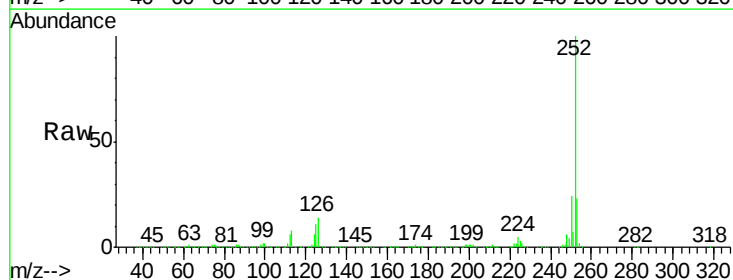
Tgt Ion:252 Resp: 1482573

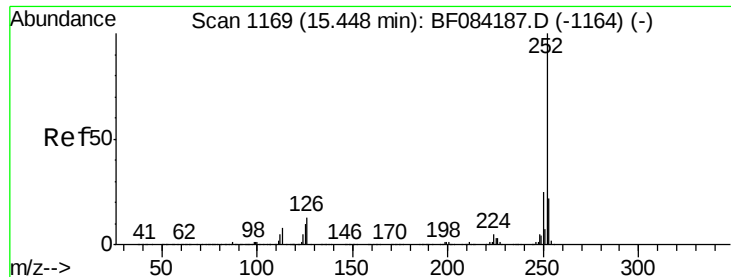
Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

125 10.7 9.0 13.6

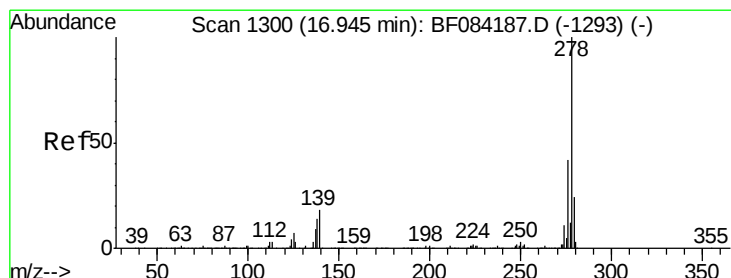
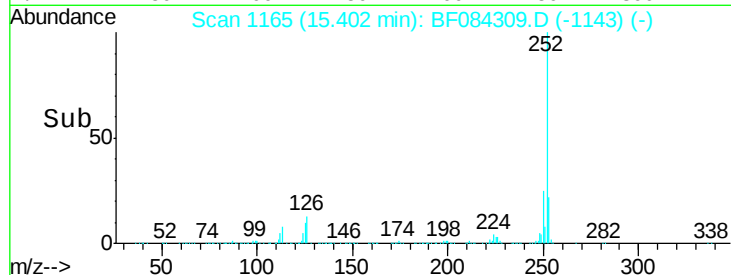
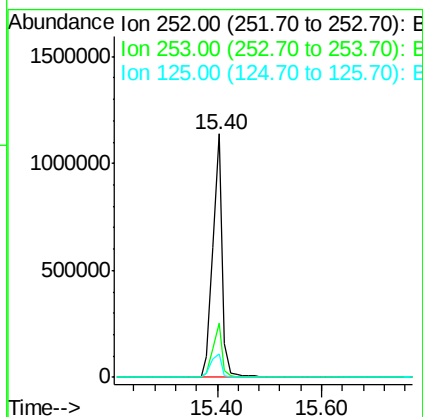
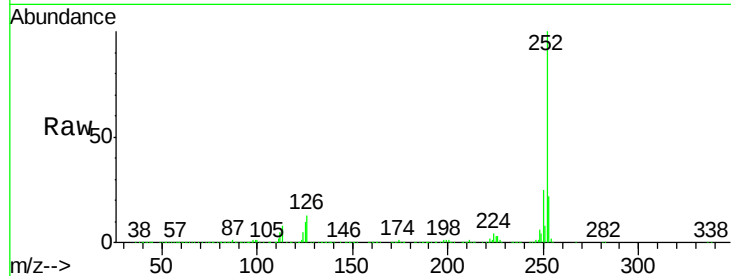




#89
Benzo(a)pyrene
Concen: 49.18 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

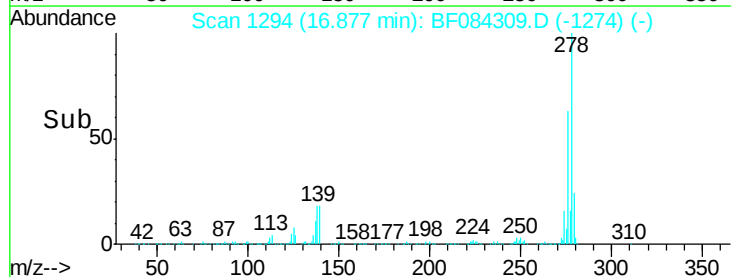
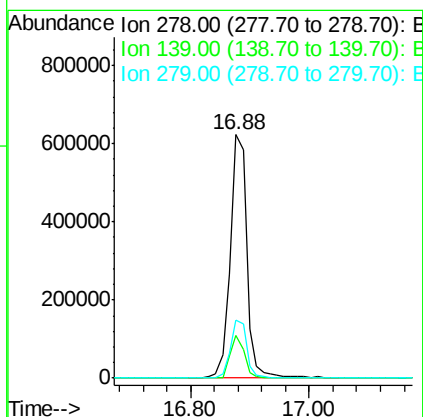
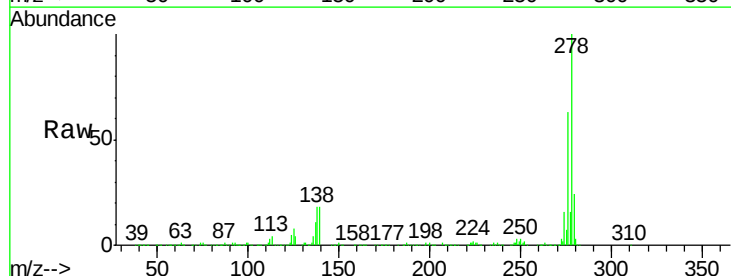
Instrument :
BNA_F
ClientSampleId :
SW002MS

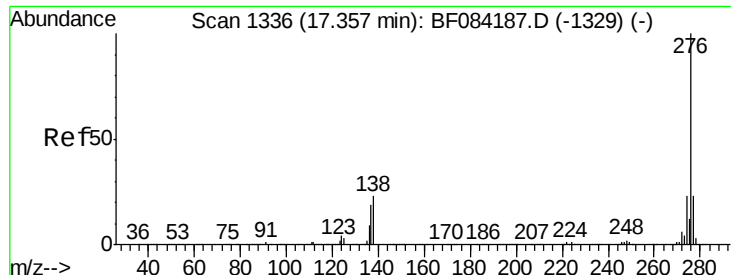
Tgt Ion:252 Resp: 1416254
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 9.6 7.0 10.4



#90
Dibenzo(a,h)anthracene
Concen: 48.88 ng
RT: 16.88 min Scan# 1294
Delta R.T. -0.07 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Tgt Ion:278 Resp: 1211051
Ion Ratio Lower Upper
278 100
139 17.6 15.0 22.4
279 24.0 18.9 28.3





#91

Benzo(g,h,i)perylene

Concen: 48.26 ng

RT: 17.29 min Scan# 1330

Delta R.T. -0.07 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

ClientSampleId :

SW002MS

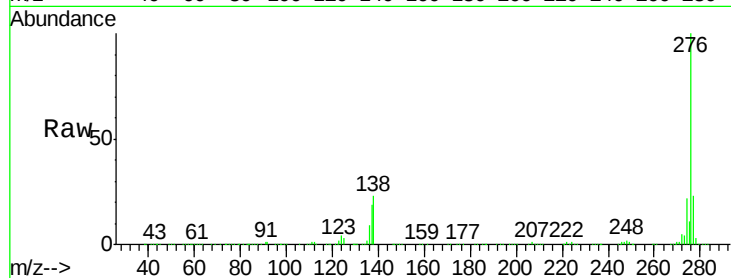
Tgt Ion:276 Resp: 1238393

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 22.6 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

