

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
 Data File : BF084270.D
 Acq On : 5 Jan 2016 7:21
 Operator : UM/SJ
 Sample : G4987-02MS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM(116-142)COMPOSITEMS

Quant Time: Jan 05 07:54:49 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	6.89	152	257440	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1087166	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	498477	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	854467	20.00	ng	0.00
75) Chrysene-d12	14.05	240	531225	20.00	ng	-0.01
86) Perylene-d12	15.49	264	542167	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	2036334	127.94	ng	0.04
7) Phenol-d6	6.54	99	2260660	113.09	ng	0.01
23) Nitrobenzene-d5	7.46	82	1708307	87.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	605547	120.33	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	3012342	108.02	ng	0.00
78) Terphenyl-d14	13.00	244	2147925	90.25	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.49	88	21767	2.89	ng	# 1
3) Pyridine	3.44	79	575287	27.37	ng	# 72
4) n-Nitrosodimethylamine	3.34	42	479113	44.40	ng	# 77
6) Aniline	6.56	93	438278	14.99	ng	# 1
8) 2-Chlorophenol	6.68	128	806253	44.65	ng	85
9) Benzaldehyde	6.44	77	188613	14.49	ng	94
10) Phenol	6.56	94	842516	37.07	ng	92
11) bis(2-Chloroethyl)ether	6.64	93	886776	50.37	ng	90
12) 1,3-Dichlorobenzene	6.83	146	847566	45.50	ng	# 93
13) 1,4-Dichlorobenzene	6.91	146	917651	49.12	ng	95
14) 1,2-Dichlorobenzene	7.06	146	768280	42.95	ng	96
15) Benzyl Alcohol	7.05	79	746466	44.39	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1368212	42.68	ng	89
17) 2-Methylphenol	7.16	107	690700	45.64	ng	# 91
18) Hexachloroethane	7.40	117	345104	46.20	ng	96
19) n-Nitroso-di-n-propylamine	7.31	70	586861	43.37	ng	# 70
20) 3+4-Methylphenols	7.31	107	818282	46.00	ng	# 58
22) Acetophenone	7.31	105	1215321	46.49	ng	# 91
24) Nitrobenzene	7.48	77	983299	49.63	ng	91
25) Isophorone	7.72	82	1711253	45.80	ng	98
26) 2-Nitrophenol	7.79	139	444075	49.25	ng	# 81
27) 2,4-Dimethylphenol	7.84	122	825721	45.24	ng	96
28) bis(2-Chloroethoxy)methane	7.93	93	1039658	45.56	ng	98
29) 2,4-Dichlorophenol	8.04	162	730053	48.02	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	783337	49.91	ng	# 95
31) Naphthalene	8.20	128	2590685	52.52	ng	98
32) Benzoic acid	7.96	122	423009	37.59	ng	95
33) 4-Chloroaniline	8.25	127	232124	10.27	ng	98
34) Hexachlorobutadiene	8.32	225	417952	46.32	ng	98
35) Caprolactam	8.64	113	149206	29.11	ng	# 52
36) 4-Chloro-3-methylphenol	8.75	107	848045	49.80	ng	99
37) 2-Methylnaphthalene	8.90	142	1678861	47.42	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	693253	48.38	ng	98
40) Hexachlorocyclopentadiene	9.05	237	681540	78.78	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	490201	45.72	ng	97
43) 2,4,5-Trichlorophenol	9.22	196	455204	44.29	ng #	83
45) 1,1'-Biphenyl	9.36	154	1832089	46.24	ng	98
46) 2-Chloronaphthalene	9.38	162	1423582	45.75	ng	97
47) 2-Nitroaniline	9.48	65	525480	51.16	ng	96
48) Acenaphthylene	9.80	152	2359132	51.31	ng	96
49) Dimethylphthalate	9.66	163	1707605	47.92	ng #	90
50) 2,6-Dinitrotoluene	9.72	165	360767	46.16	ng #	48
51) Acenaphthene	9.97	154	1747891	56.68	ng	96
52) 3-Nitroaniline	9.89	138	254851	26.31	ng	89
53) 2,4-Dinitrophenol	10.00	184	276171	82.82	ng #	87
54) Dibenzofuran	10.14	168	2097793	53.05	ng	93
55) 4-Nitrophenol	10.08	139	568743	80.90	ng	82
56) 2,4-Dinitrotoluene	10.12	165	476029	48.12	ng #	76
57) Fluorene	10.49	166	1650861	53.92	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	381888	43.52	ng	93
59) Diethylphthalate	10.36	149	1626080	46.28	ng	99
60) 4-Chlorophenyl-phenylether	10.48	204	700189	55.59	ng	94
61) 4-Nitroaniline	10.51	138	360731	41.78	ng	94
62) Azobenzene	10.64	77	1829546	47.47	ng	89
64) 4,6-Dinitro-2-methylphenol	10.53	198	226497	43.48	ng	95
65) n-Nitrosodiphenylamine	10.60	169	1451558	53.13	ng	98
66) 4-Bromophenyl-phenylether	10.97	248	477907	51.96	ng #	87
67) Hexachlorobenzene	11.02	284	498566	48.16	ng #	73
68) Atrazine	11.13	200	375740	42.03	ng	98
69) Pentachlorophenol	11.23	266	434414	80.94	ng	98
70) Phenanthrene	11.45	178	2318527	51.87	ng	96
71) Anthracene	11.49	178	2070630	47.26	ng	97
72) Carbazole	11.65	167	1726418	40.31	ng	98
73) Di-n-butylphthalate	11.98	149	2294685	52.56	ng #	95
74) Fluoranthene	12.64	202	2076109	44.47	ng	93
76) Benzidine	12.75	184	230211	12.09	ng	98
77) Pyrene	12.85	202	1986119	47.64	ng	98
79) Butylbenzylphthalate	13.48	149	875562	48.54	ng	99
80) Benzo(a)anthracene	14.04	228	1396674	44.78	ng	99
81) 3,3'-Dichlorobenzidine	14.01	252	384201	35.29	ng #	95
82) Chrysene	14.09	228	1405833	46.90	ng	100
83) Bis(2-ethylhexyl)phthalate	14.04	149	997186	43.76	ng #	95
84) Di-n-octyl phthalate	14.65	149	1683682	43.76	ng #	87
85) Indeno(1,2,3-cd)pyrene	16.91	276	1576966	66.37	ng	100
87) Benzo(h)fluoranthene	15.08	252	2955554	83.34	ng	98
88) Benzo(k)fluoranthene	15.08	252	2955554	101.90	ng	97
89) Benzo(a)pyrene	15.44	252	1469894	48.86	ng #	97
90) Dibenzo(a,h)anthracene	16.93	278	1289164	49.80	ng	99
91) Benzo(g,h,i)perylene	17.35	276	1273400	47.50	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

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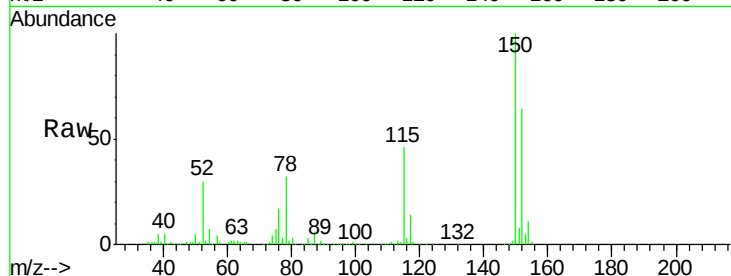
Tgt Ion:152 Resp: 257440

Ion Ratio Lower Upper

152 100

150 157.2 123.0 184.4

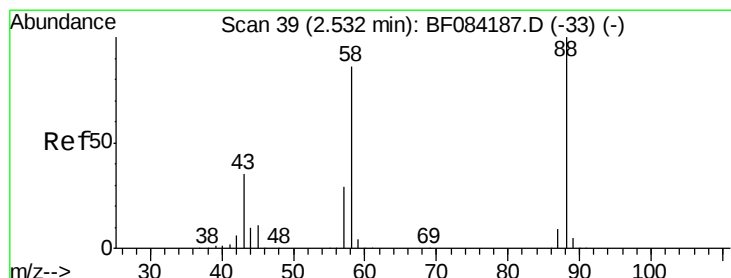
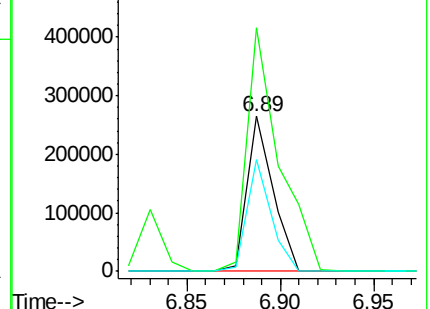
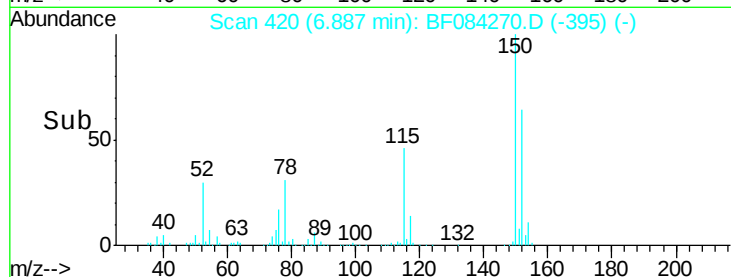
115 72.0 51.4 77.2



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: 2.89 ng

RT: 2.49 min Scan# 35

Delta R.T. -0.05 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

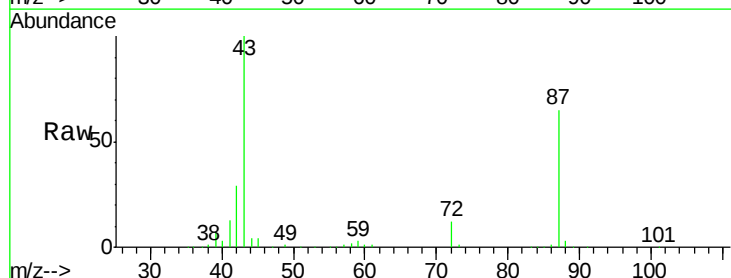
Tgt Ion: 88 Resp: 21767

Ion Ratio Lower Upper

88 100

58 69.1 51.2 76.8

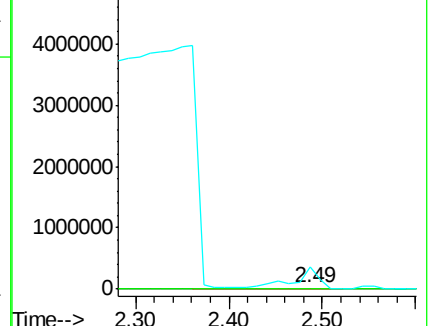
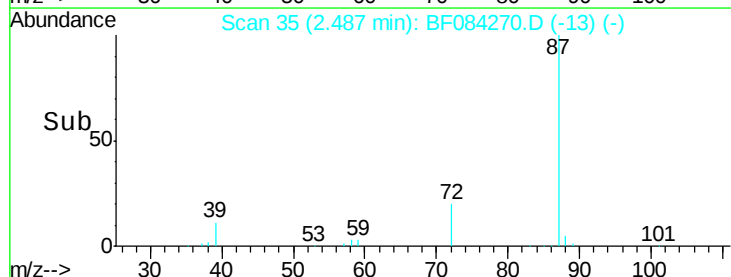
43 3004.5 19.5 29.3#

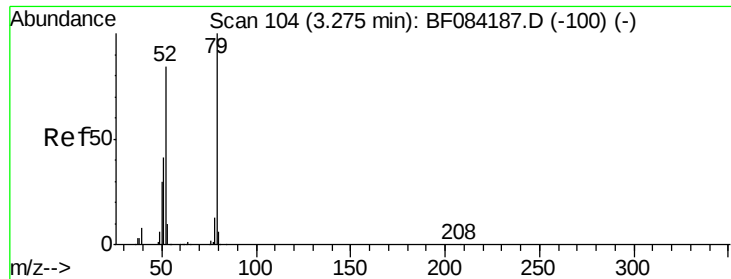


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 27.37 ng

RT: 3.44 min Scan# 118

Delta R.T. 0.16 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

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DRUM(116-142)COMPOSITEMS

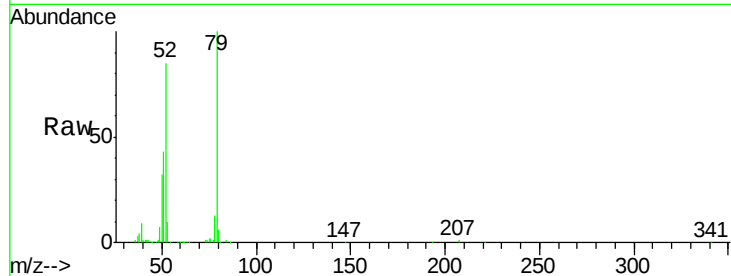
Tgt Ion: 79 Resp: 575287

Ion Ratio Lower Upper

79 100

52 85.4 49.0 73.4#

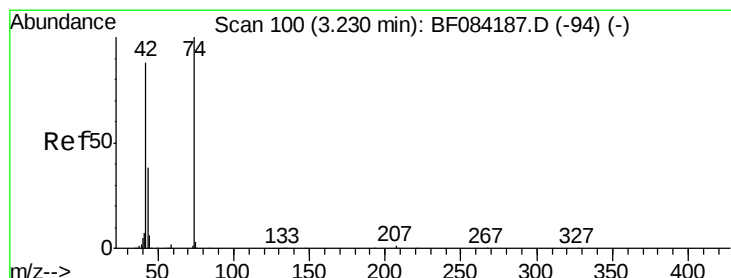
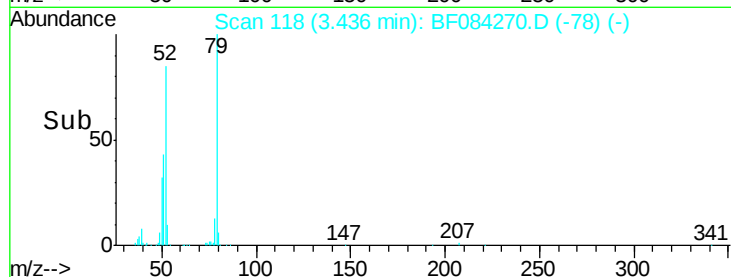
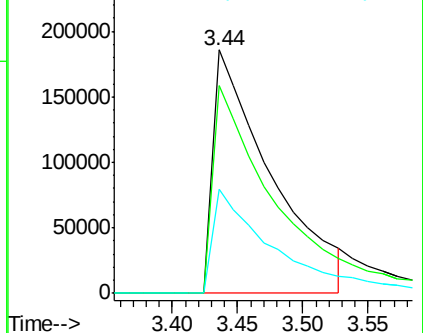
51 42.8 25.2 37.8#



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: 44.40 ng

RT: 3.34 min Scan# 110

Delta R.T. 0.11 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

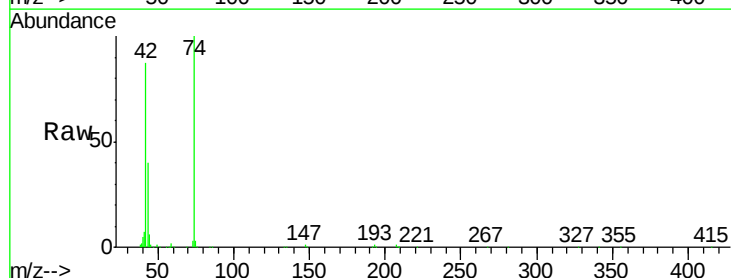
Tgt Ion: 42 Resp: 479113

Ion Ratio Lower Upper

42 100

74 114.6 115.7 173.5#

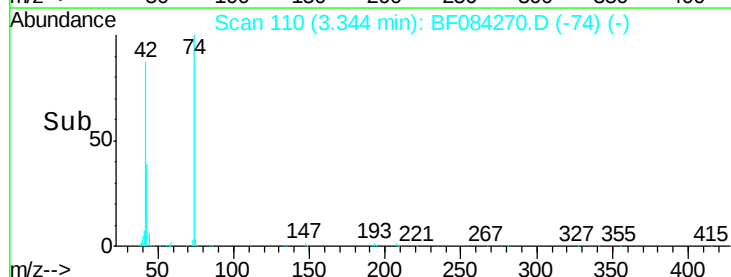
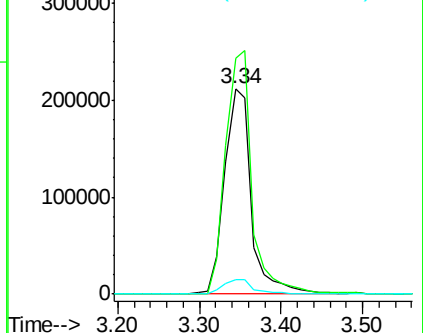
44 7.3 5.1 7.7

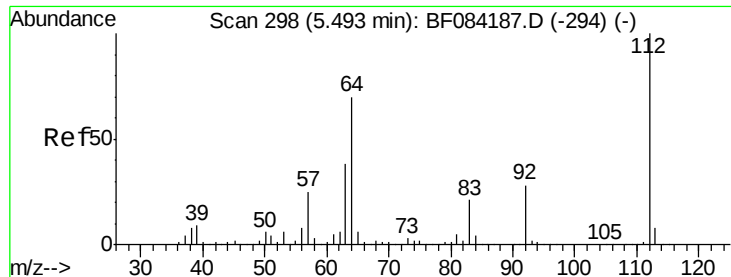


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 127.94 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.04 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

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ClientSampleId :

DRUM(116-142)COMPOSITEMS

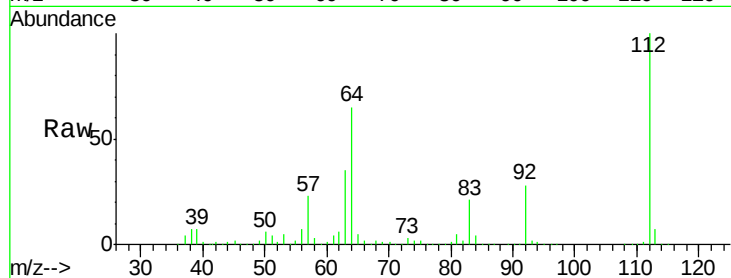
Tgt Ion: 112 Resp: 2036334

Ion Ratio Lower Upper

112 100

64 64.9 36.6 55.0#

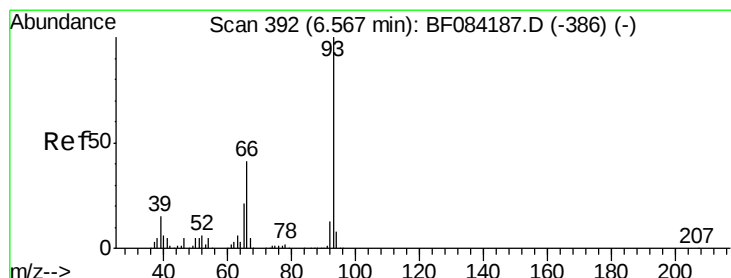
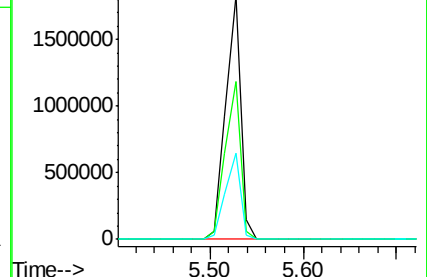
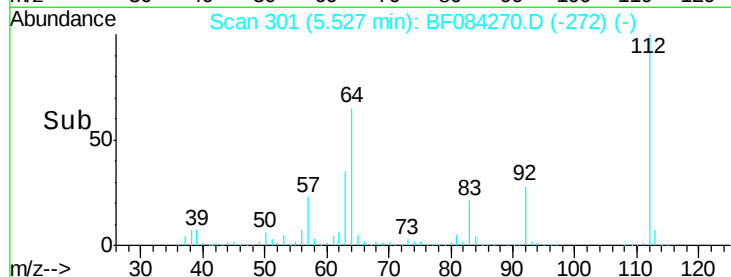
63 35.5 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.99 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

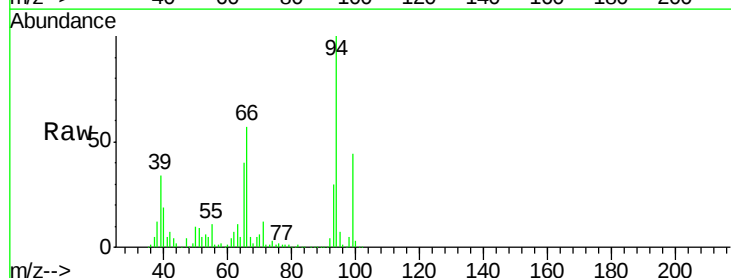
Tgt Ion: 93 Resp: 438278

Ion Ratio Lower Upper

93 100

66 189.8 44.9 67.3#

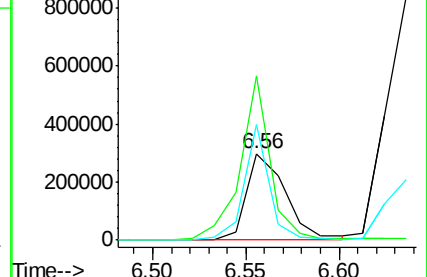
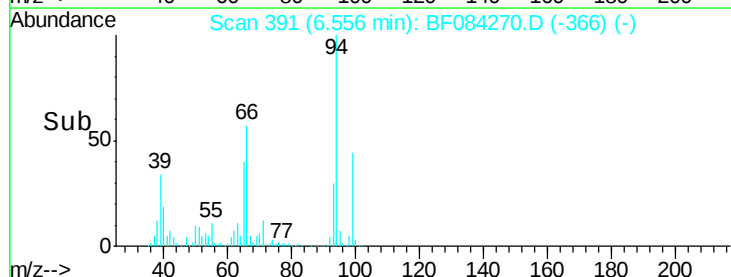
65 132.6 23.7 35.5#

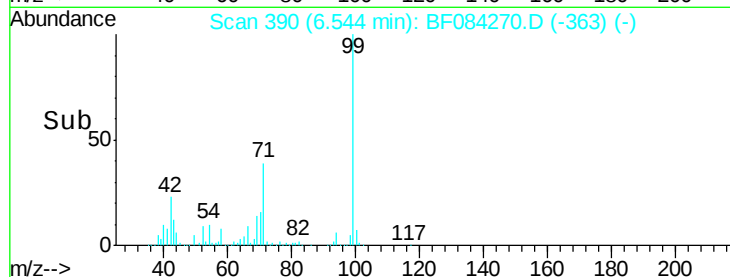
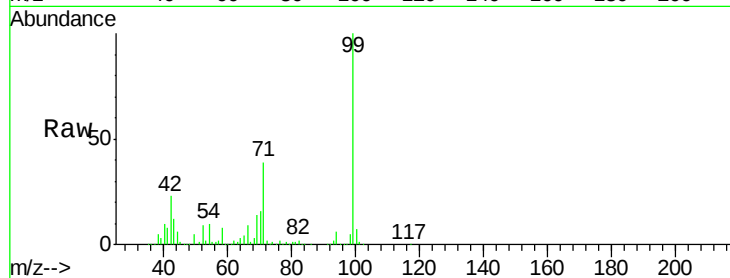
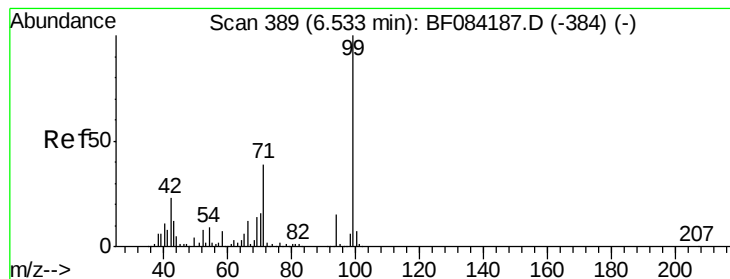


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.09 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

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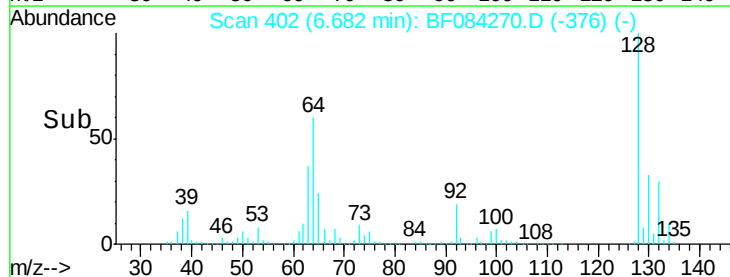
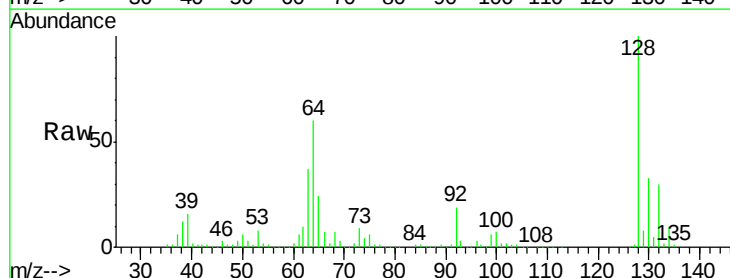
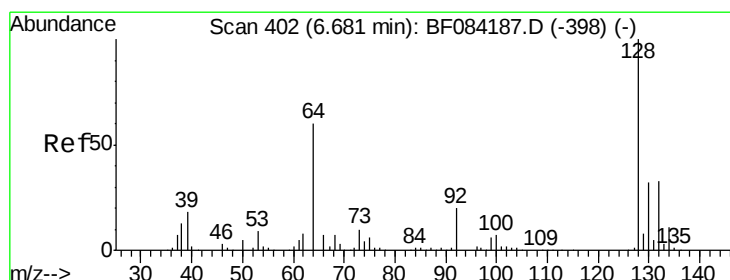
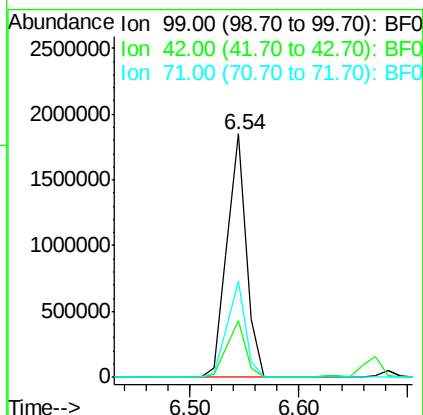
Tgt Ion: 99 Resp: 2260660

Ion Ratio Lower Upper

99 100

42 23.4 12.8 19.2#

71 39.4 30.9 46.3



#8

2-Chlorophenol

Concen: 44.65 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

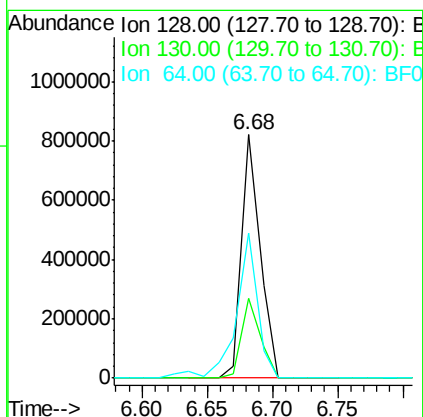
Tgt Ion: 128 Resp: 806253

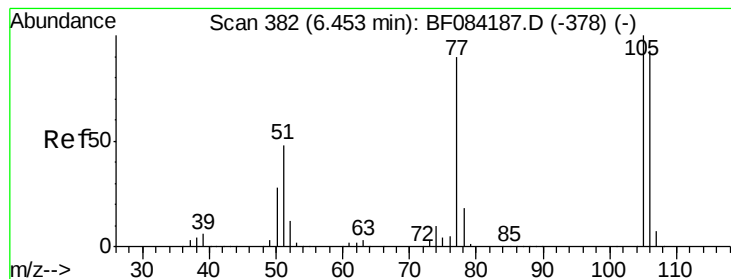
Ion Ratio Lower Upper

128 100

130 32.6 11.6 51.6

64 59.6 23.8 63.8





#9

Benzaldehyde

Concen: 14.49 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

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ClientSampleId :

DRUM(116-142)COMPOSITEMS

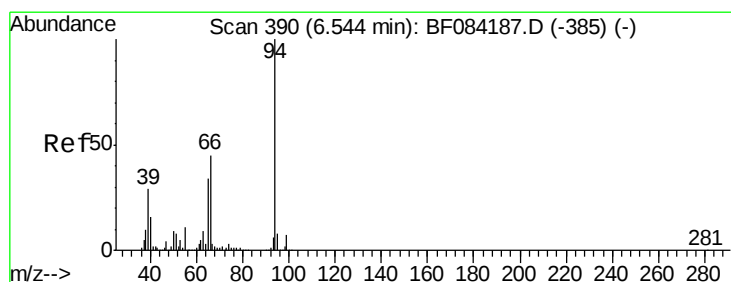
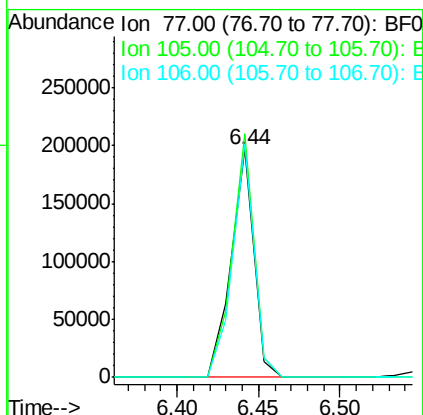
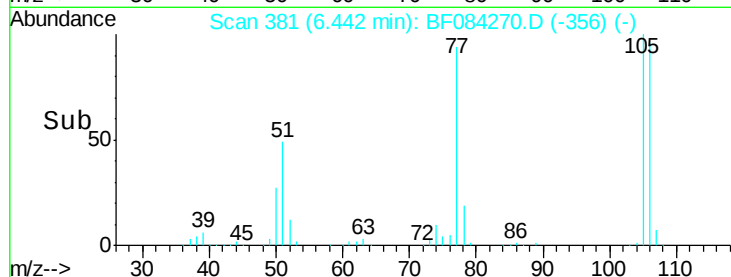
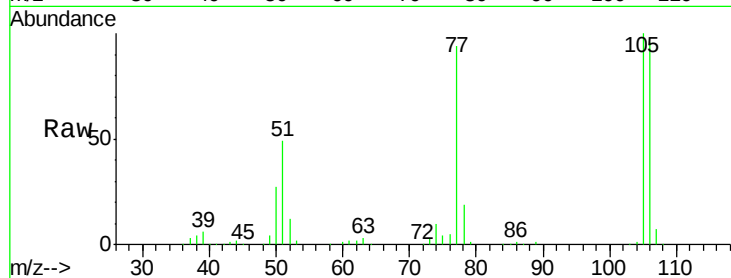
Tgt Ion: 77 Resp: 188613

Ion Ratio Lower Upper

77 100

105 106.9 83.0 123.0

106 102.3 74.6 114.6



#10

Phenol

Concen: 37.07 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

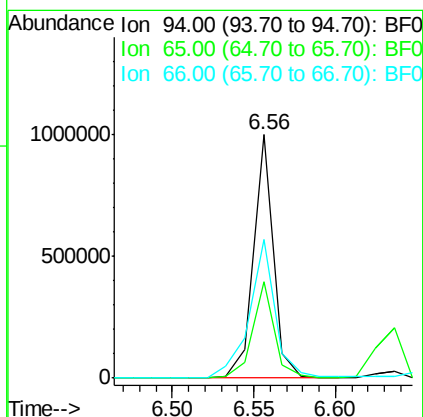
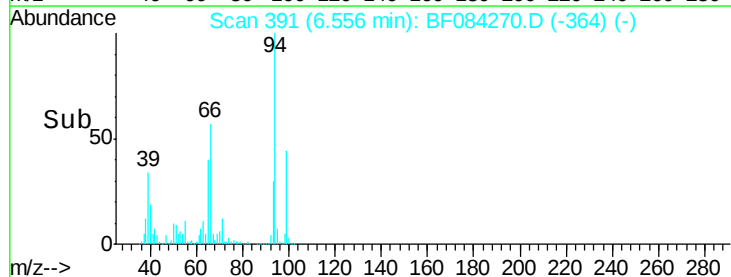
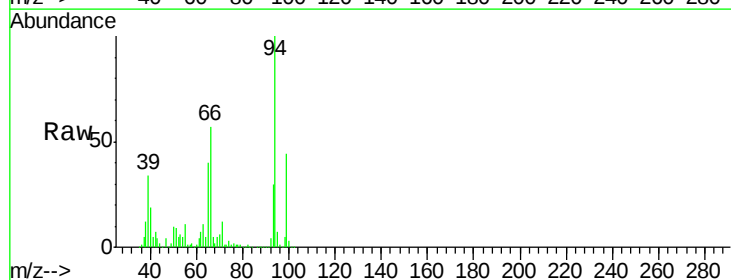
Tgt Ion: 94 Resp: 842516

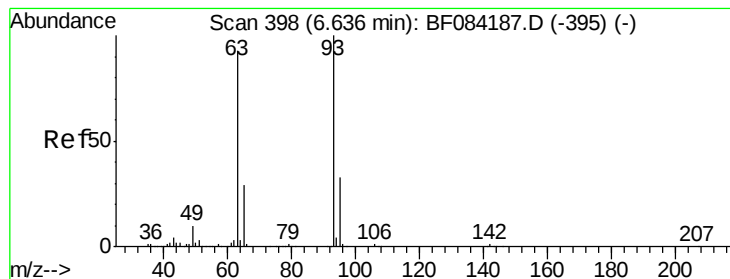
Ion Ratio Lower Upper

94 100

65 39.7 12.9 52.9

66 56.8 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 50.37 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITEMS

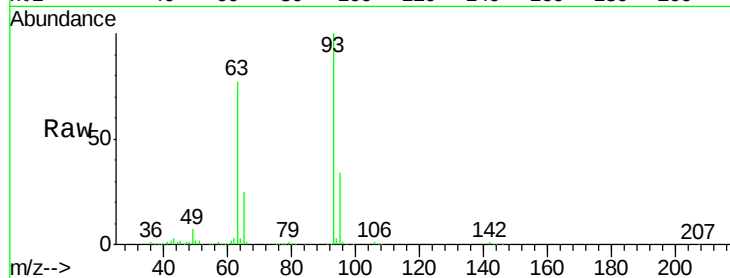
Tgt Ion: 93 Resp: 886776

Ion Ratio Lower Upper

93 100

63 76.6 45.9 85.9

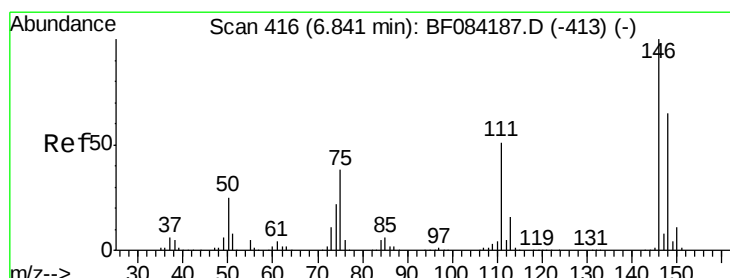
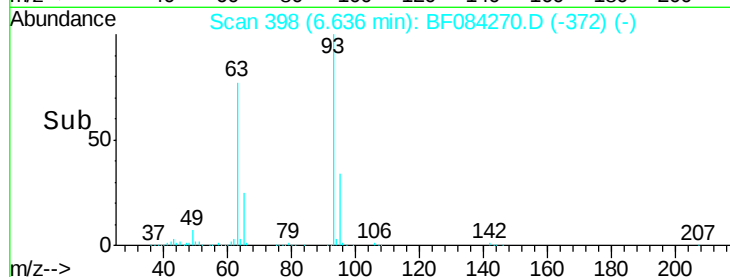
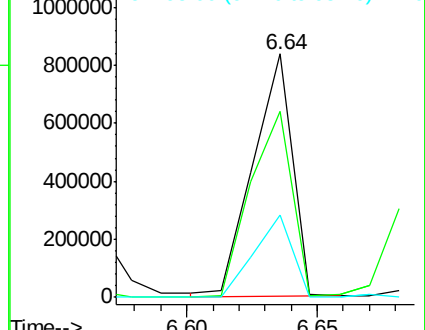
95 33.9 12.3 52.3



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: 45.50 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

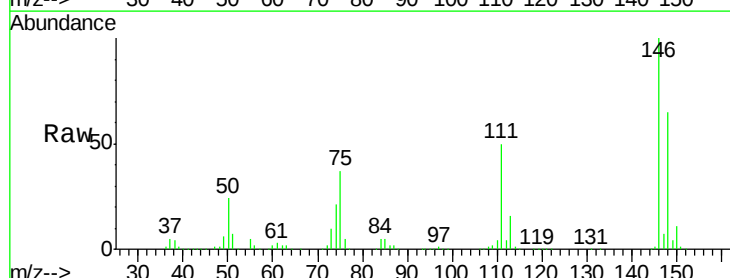
Tgt Ion: 146 Resp: 847566

Ion Ratio Lower Upper

146 100

148 64.7 51.9 77.9

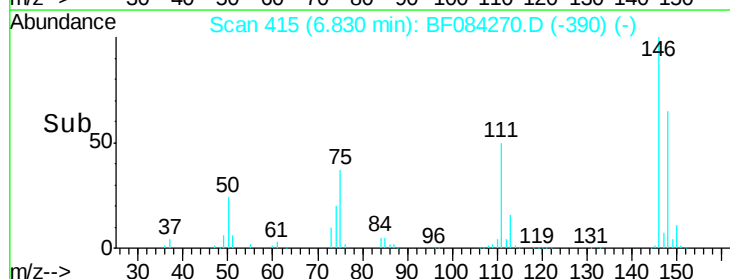
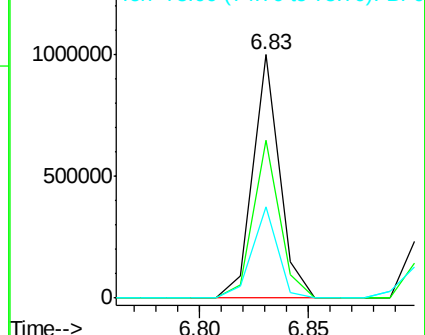
75 37.3 20.5 30.7#

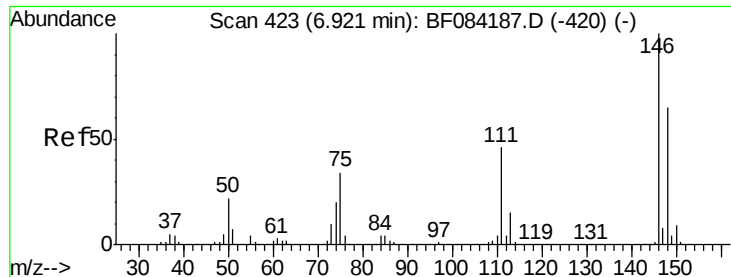


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

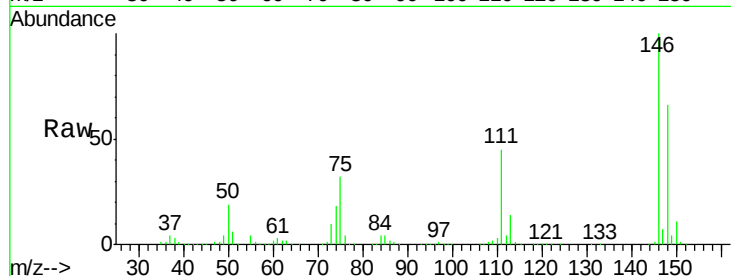




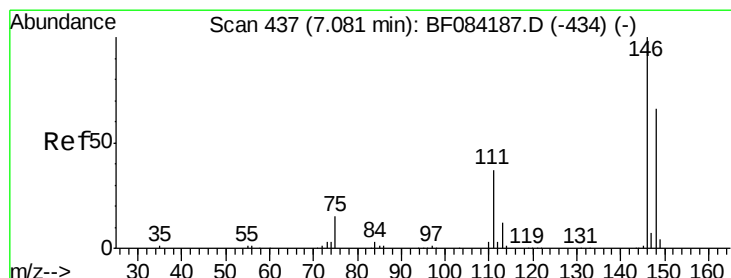
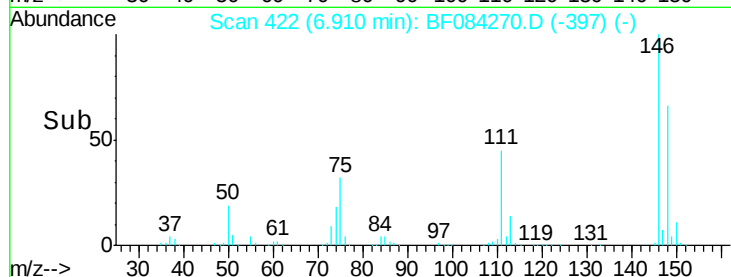
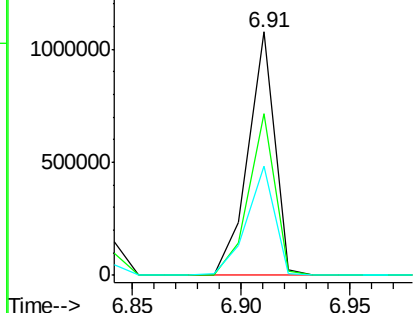
#13
 1,4-Dichlorobenzene
 Concen: 49.12 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF084270.D
 Acq: 5 Jan 2016 7:21

Instrument :
 BNA_F
 ClientSampleId :
 DRUM(116-142)COMPOSITMS

Tgt Ion:146 Resp: 917651
 Ion Ratio Lower Upper
 146 100
 148 66.2 51.9 77.9
 111 45.1 41.6 62.4

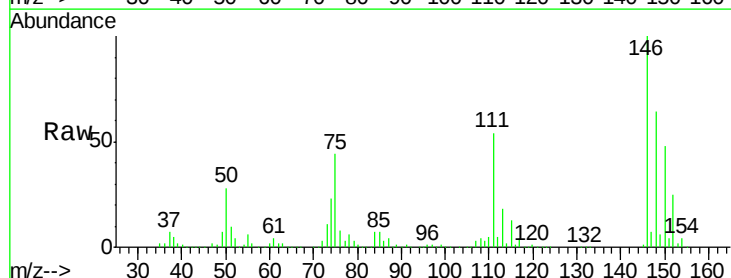


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

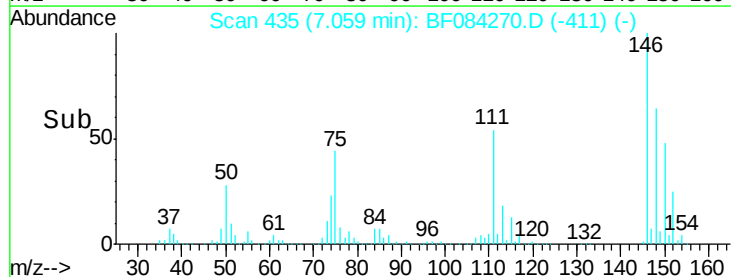
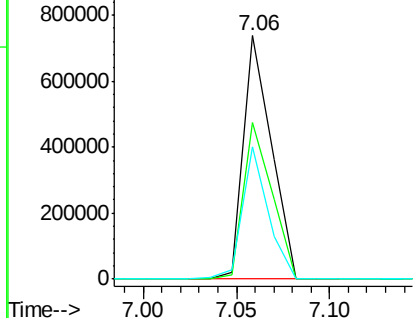


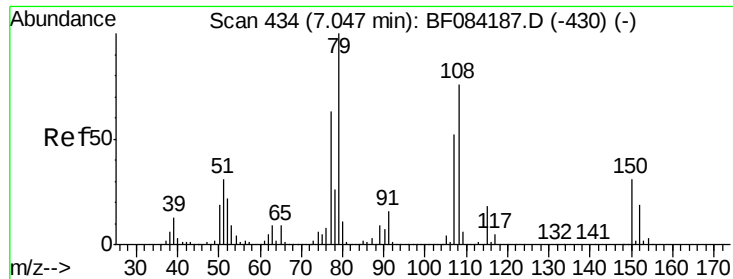
#14
 1,2-Dichlorobenzene
 Concen: 42.95 ng
 RT: 7.06 min Scan# 435
 Delta R.T. -0.02 min
 Lab File: BF084270.D
 Acq: 5 Jan 2016 7:21

Tgt Ion:146 Resp: 768280
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.6 77.4
 111 54.2 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: 44.39 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITEMS

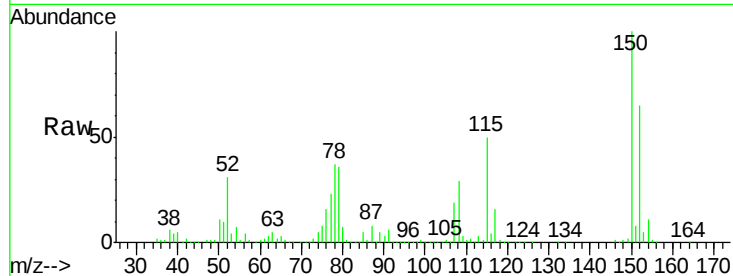
Tgt Ion: 79 Resp: 746466

Ion Ratio Lower Upper

79 100

108 78.8 69.0 103.4

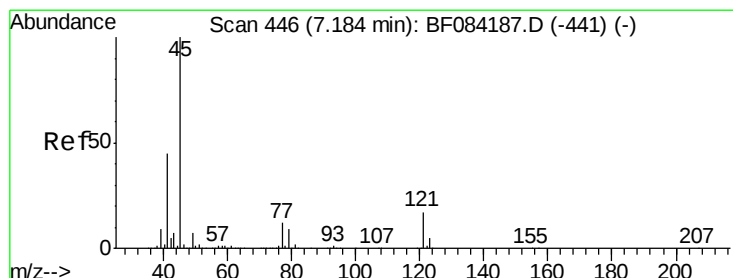
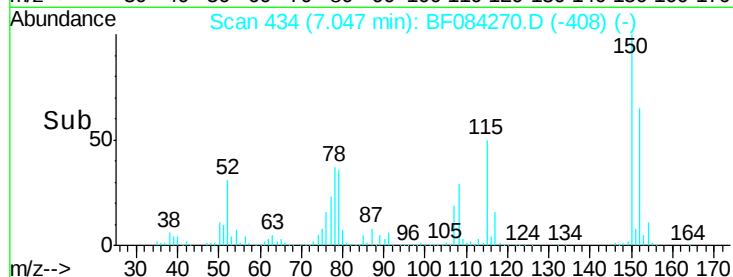
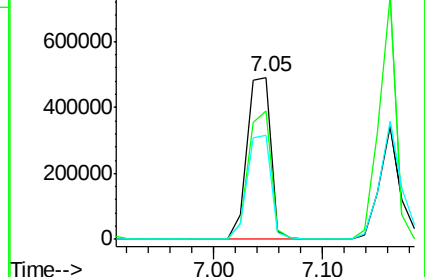
77 64.2 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.68 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

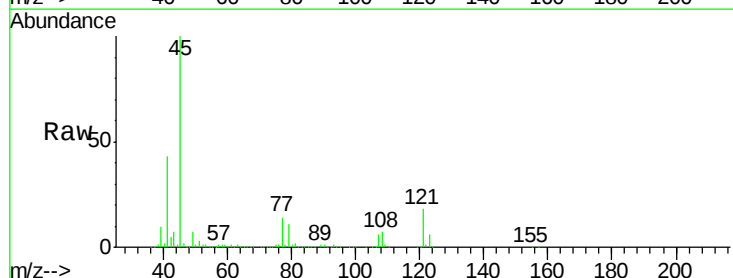
Tgt Ion: 45 Resp: 1368212

Ion Ratio Lower Upper

45 100

77 14.0 0.0 39.6

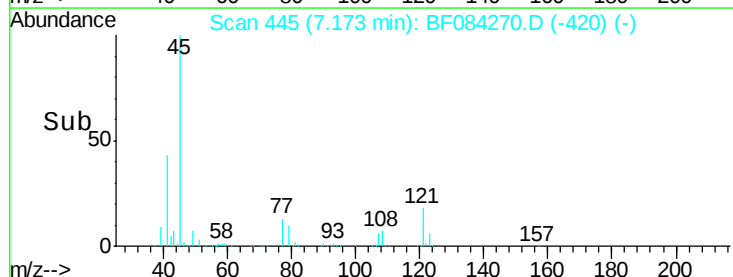
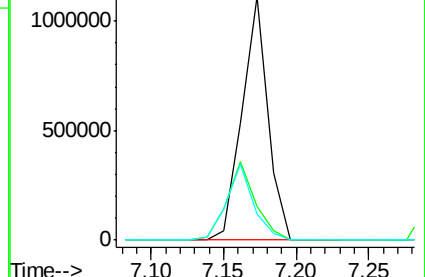
79 10.8 0.0 35.0

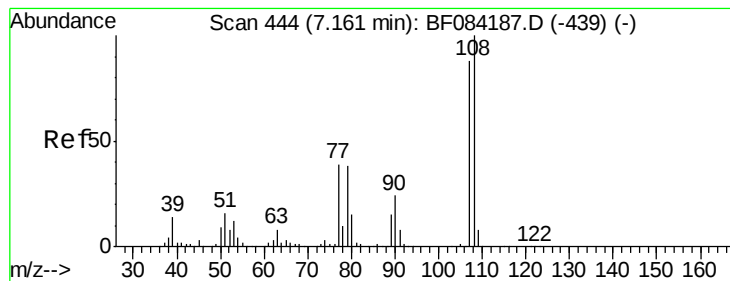


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 45.64 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITEMS

Tgt Ion:107 Resp: 690700

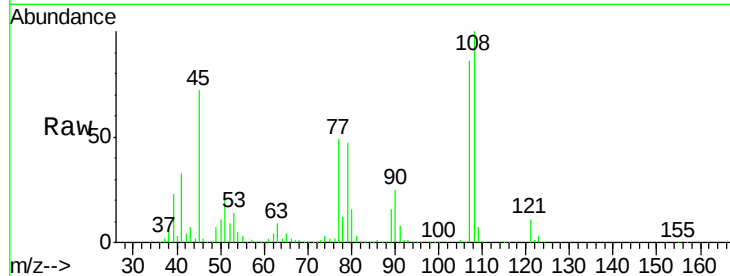
Ion Ratio Lower Upper

107 100

108 116.0 89.8 134.6

77 56.5 35.7 53.5#

79 54.1 35.7 53.5#

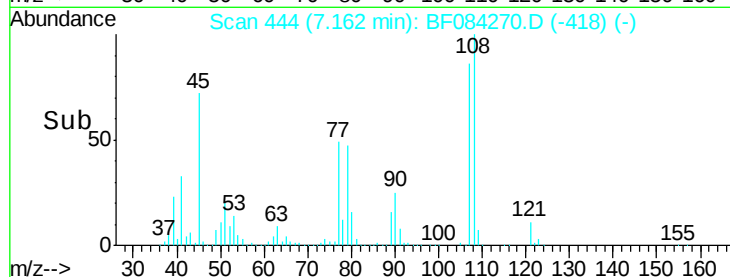


Abundance Ion 107.00 (106.70 to 107.70): E

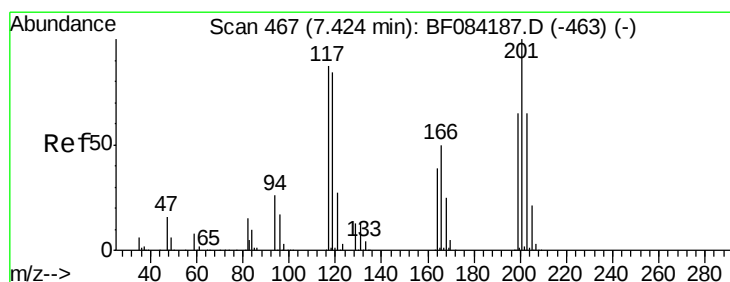
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 46.20 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.02 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

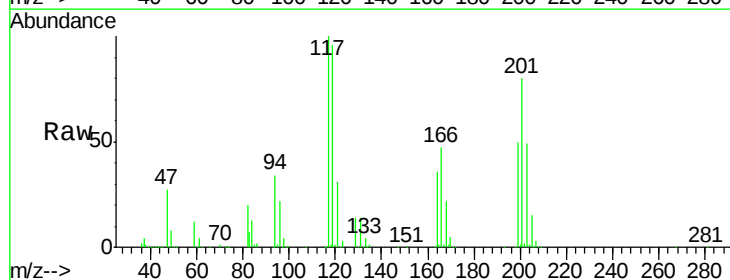
Tgt Ion:117 Resp: 345104

Ion Ratio Lower Upper

117 100

119 95.5 77.4 116.0

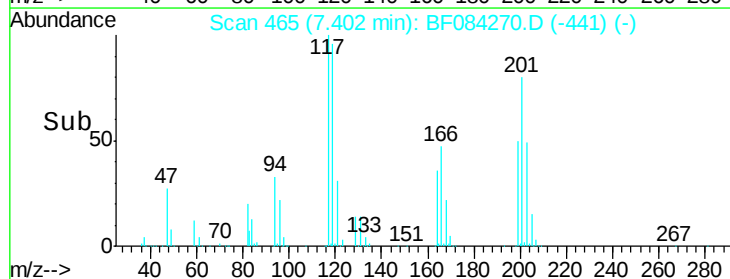
201 80.1 68.6 103.0



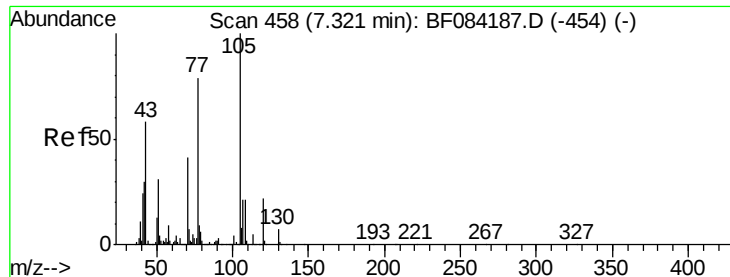
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 43.37 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITEMS

Tgt Ion: 70 Resp: 586861

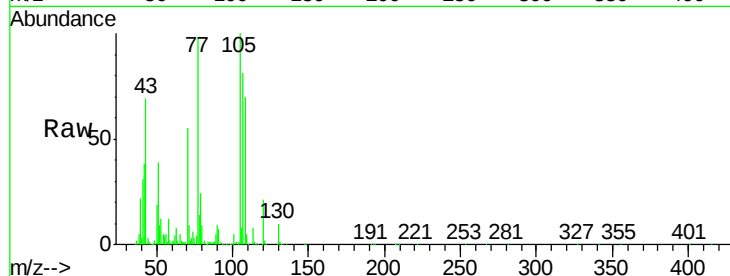
Ion Ratio Lower Upper

70 100

42 68.9 33.3 49.9#

101 9.1 9.3 13.9#

130 18.5 23.4 35.0#

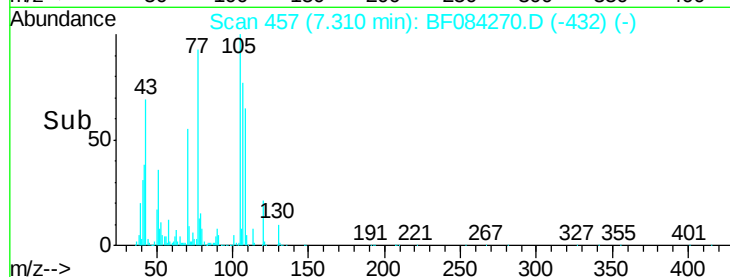
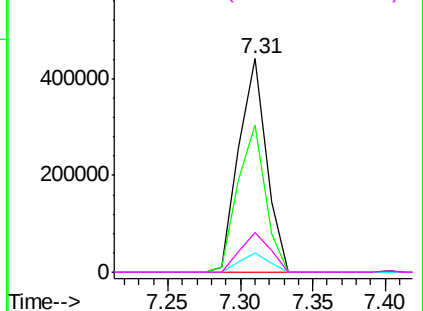


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 46.00 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Tgt Ion: 107 Resp: 818282

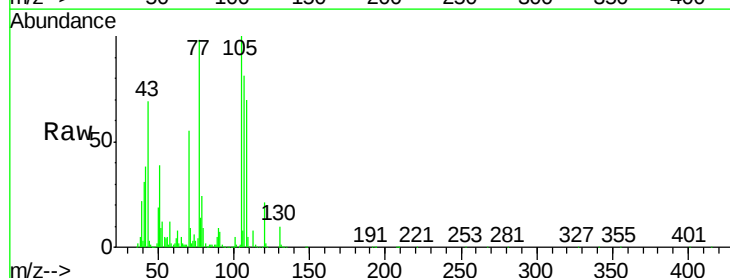
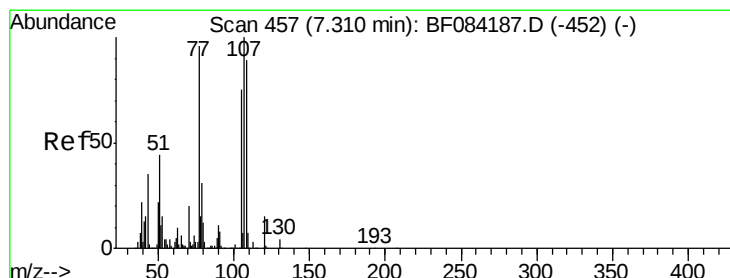
Ion Ratio Lower Upper

107 100

108 87.1 74.6 114.6

77 121.8 0.7 40.7#

79 30.2 0.0 39.0

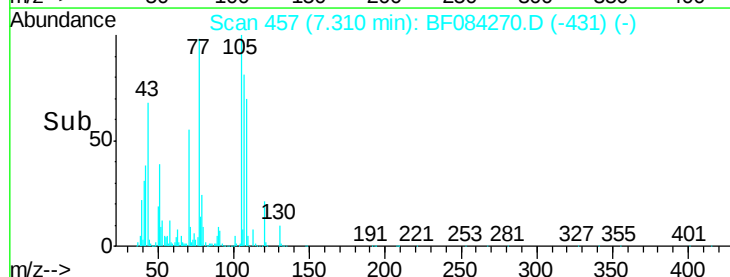
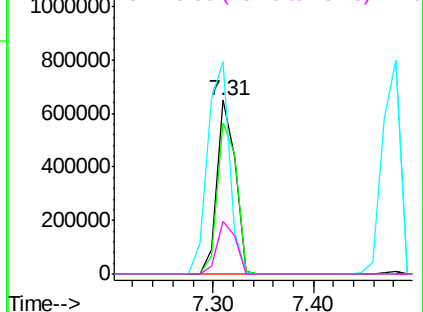


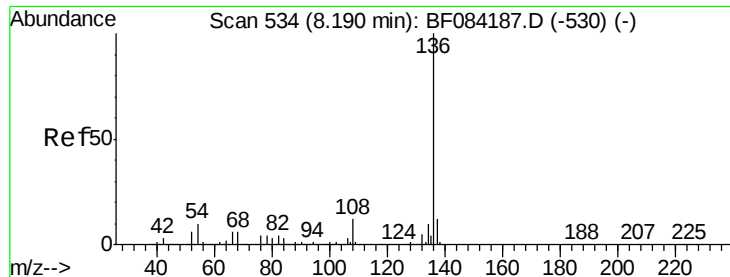
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITEMS

Tgt Ion:136 Resp: 1087166

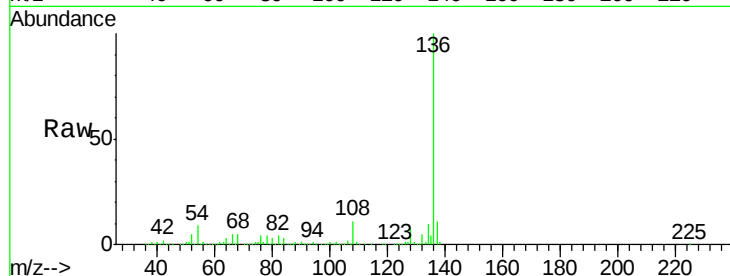
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 8.8 5.8 8.8#

68 5.1 4.2 6.2

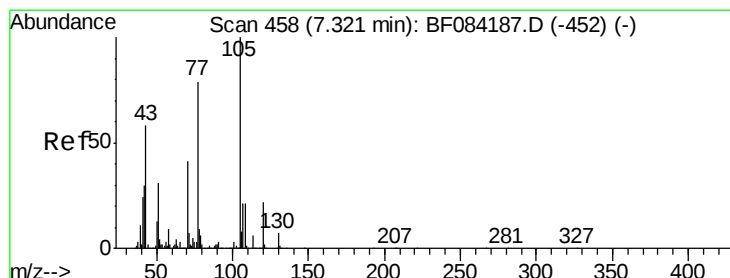
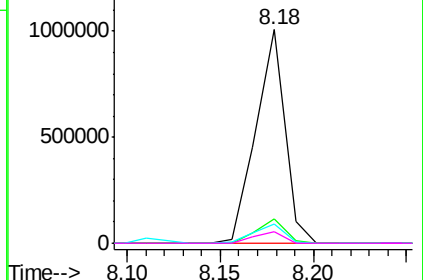
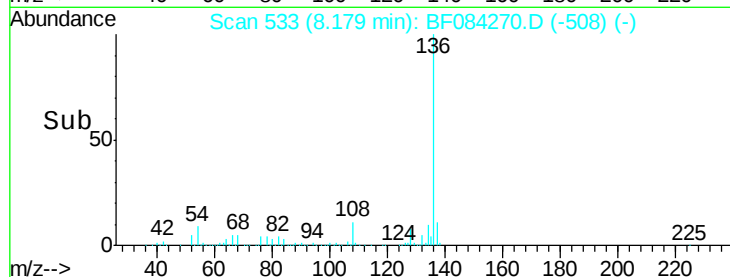


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.49 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Tgt Ion:105 Resp: 1215321

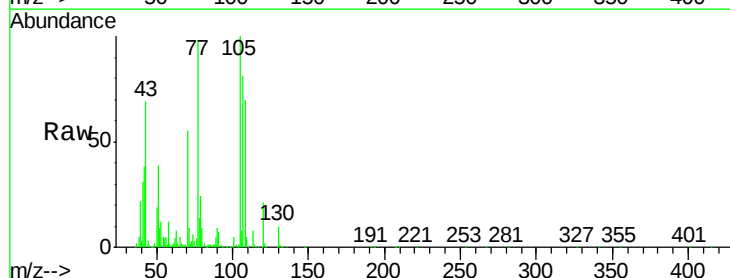
Ion Ratio Lower Upper

105 100

71 8.8 3.7 5.5#

51 39.0 25.1 37.7#

120 21.1 16.6 25.0

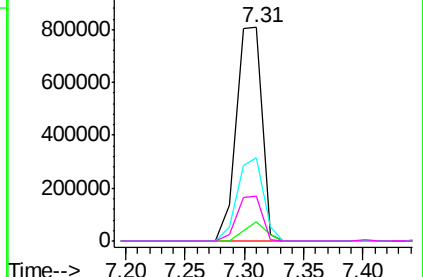
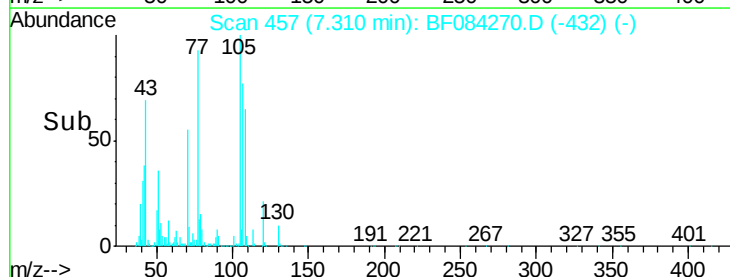


Abundance Ion 105.00 (104.70 to 105.70): E

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: 87.45 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITEMS

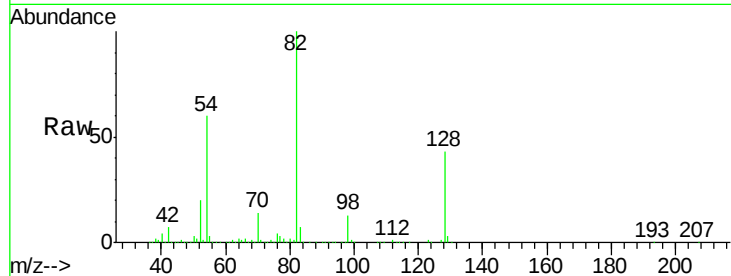
Tgt Ion: 82 Resp: 1708307

Ion Ratio Lower Upper

82 100

128 43.3 34.6 51.8

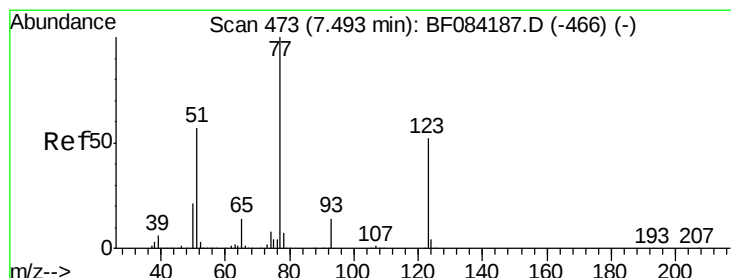
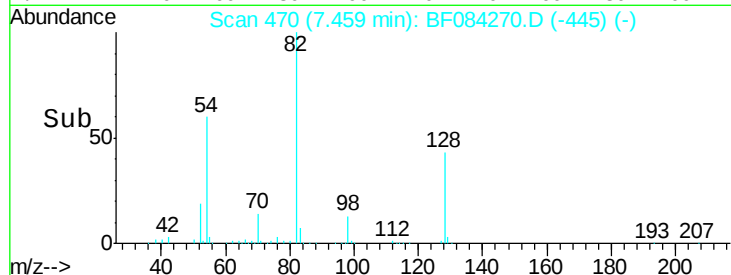
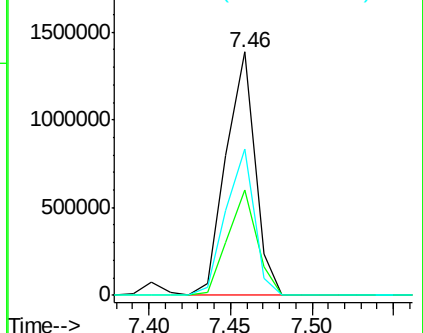
54 60.1 38.4 57.6#



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: 49.63 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

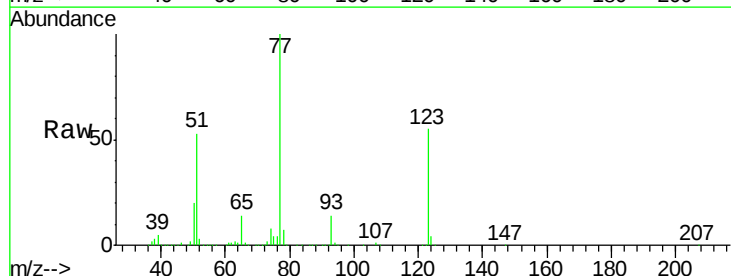
Tgt Ion: 77 Resp: 983299

Ion Ratio Lower Upper

77 100

123 54.8 37.4 56.2

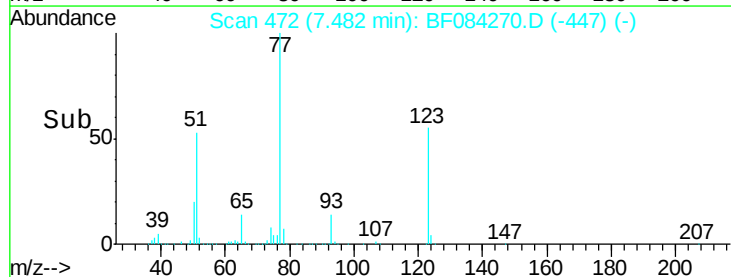
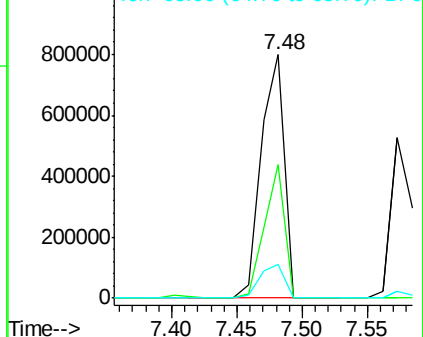
65 13.8 10.9 16.3

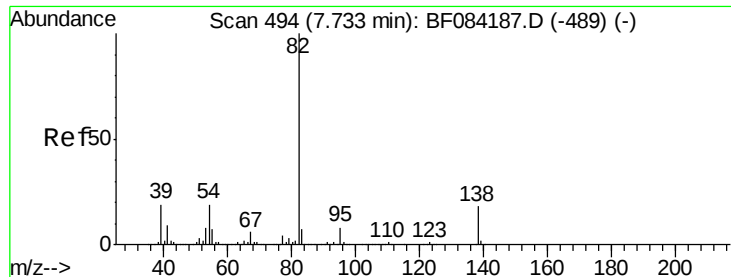


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 45.80 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITEMS

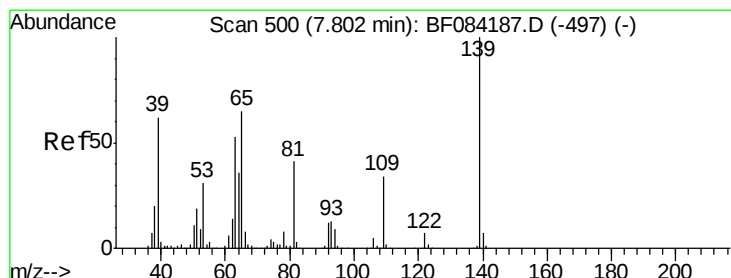
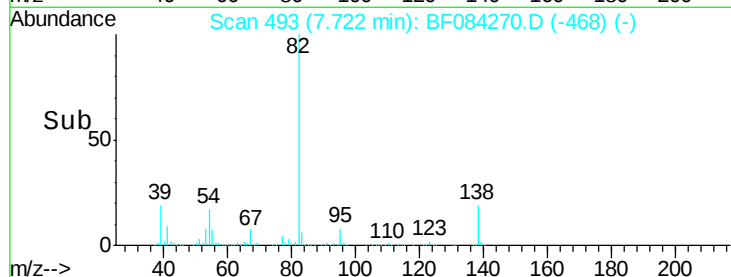
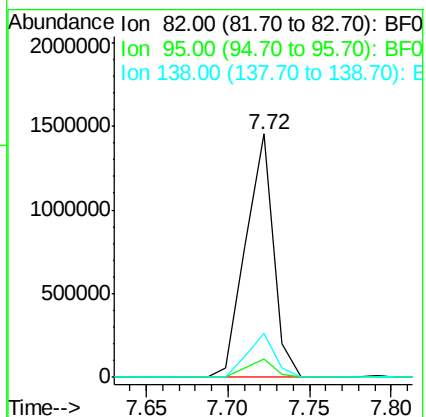
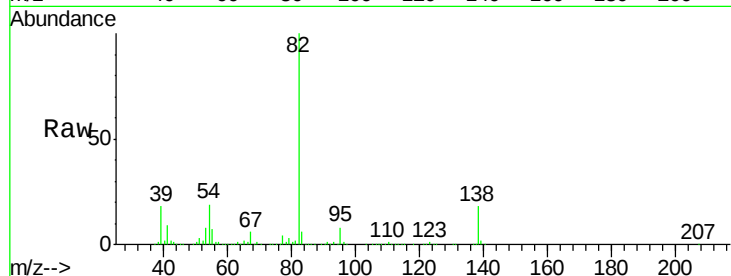
Tgt Ion: 82 Resp: 1711253

Ion Ratio Lower Upper

82 100

95 7.8 6.6 10.0

138 18.0 13.6 20.4



#26

2-Nitrophenol

Concen: 49.25 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

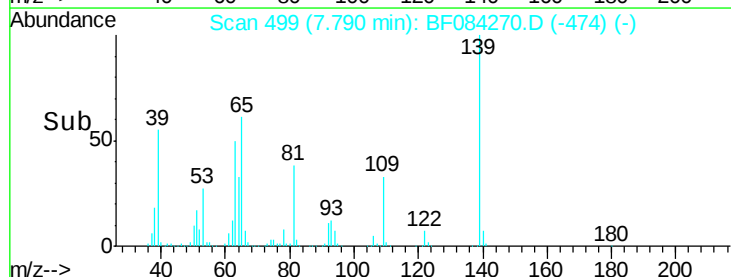
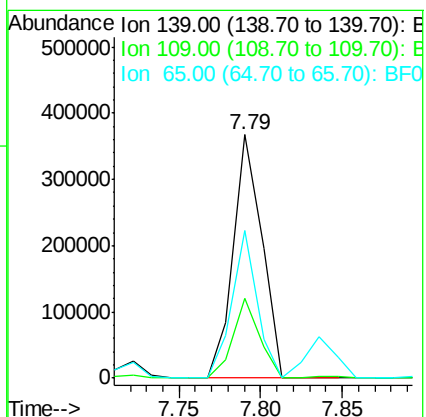
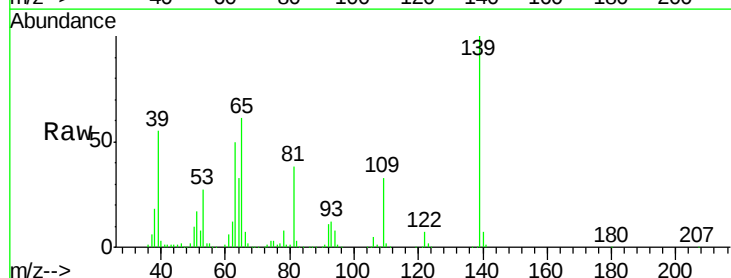
Tgt Ion: 139 Resp: 444075

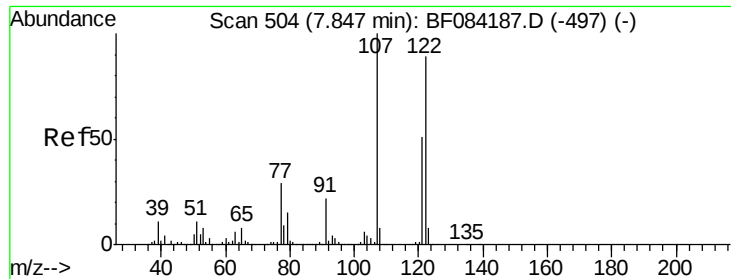
Ion Ratio Lower Upper

139 100

109 32.6 25.4 38.2

65 60.7 32.3 48.5#

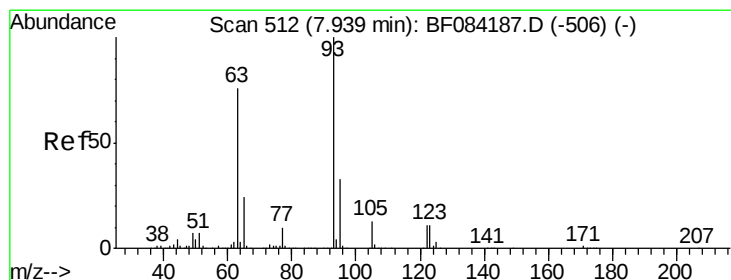
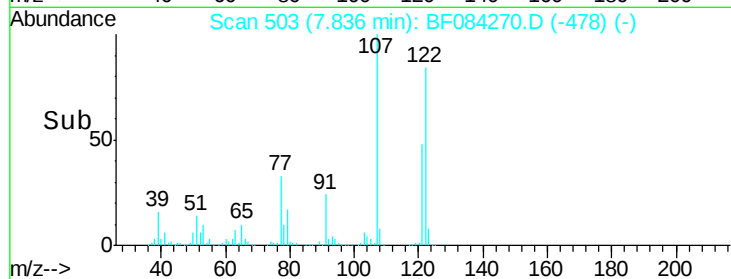
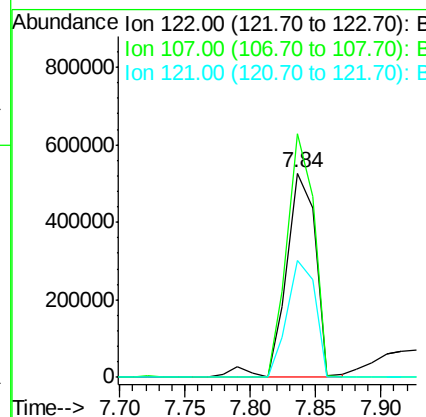
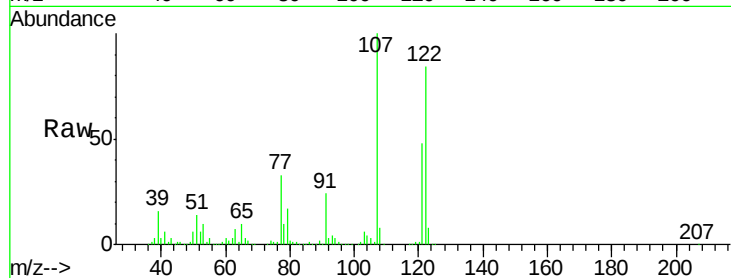




#27
 2,4-Dimethylphenol
 Concen: 45.24 ng
 RT: 7.84 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: BF084270.D
 Acq: 5 Jan 2016 7:21

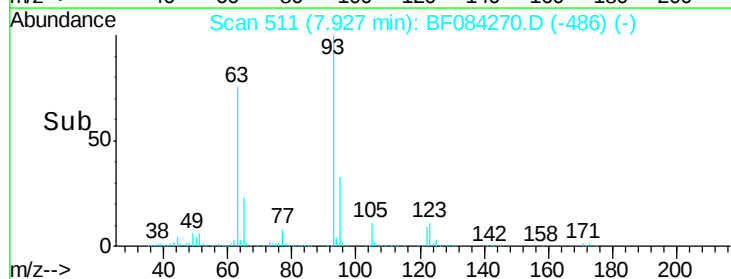
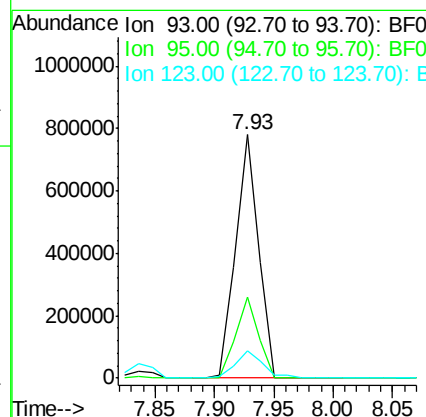
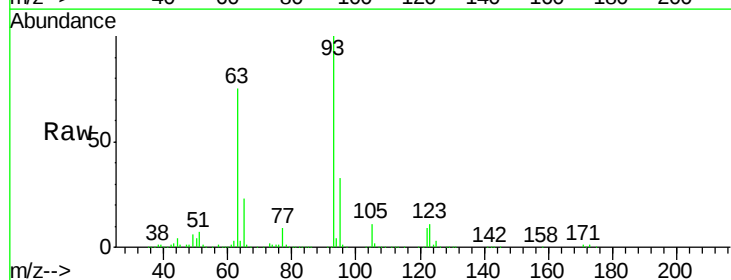
Instrument :
 BNA_F
 ClientSampleId :
 DRUM(116-142)COMPOSITEMS

Tgt Ion:122 Resp: 825721
 Ion Ratio Lower Upper
 122 100
 107 119.0 99.1 148.7
 121 57.1 47.9 71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.56 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF084270.D
 Acq: 5 Jan 2016 7:21

Tgt Ion: 93 Resp: 1039658
 Ion Ratio Lower Upper
 93 100
 95 33.2 25.8 38.6
 123 11.0 8.6 12.8

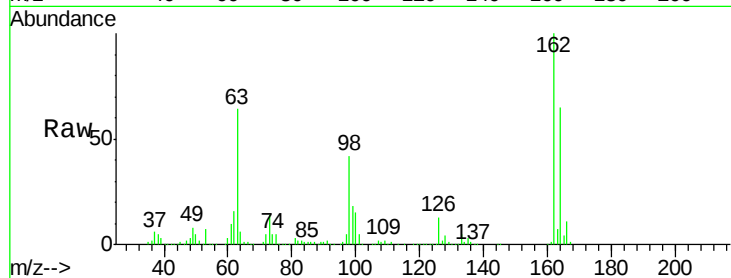




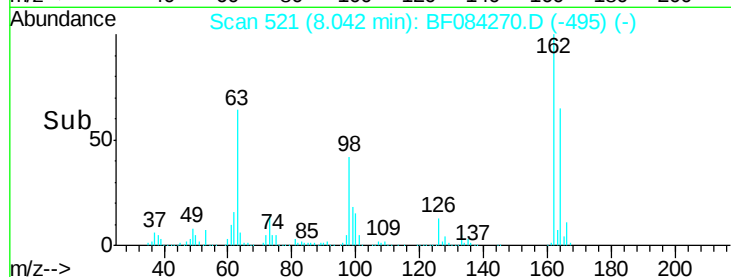
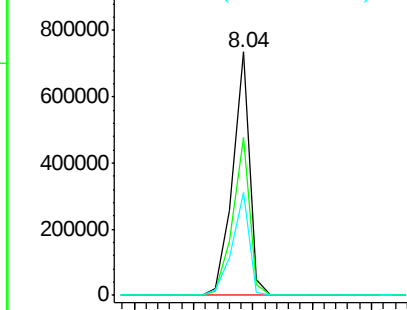
#29
 2,4-Dichlorophenol
 Concen: 48.02 ng
 RT: 8.04 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF084270.D
 Acq: 5 Jan 2016 7:21

Instrument :
 BNA_F
 ClientSampleId :
 DRUM(116-142)COMPOSITEMS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.1	84.1
98	42.1	20.2	60.2

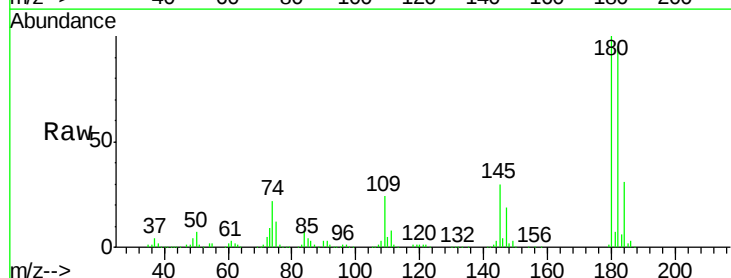


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

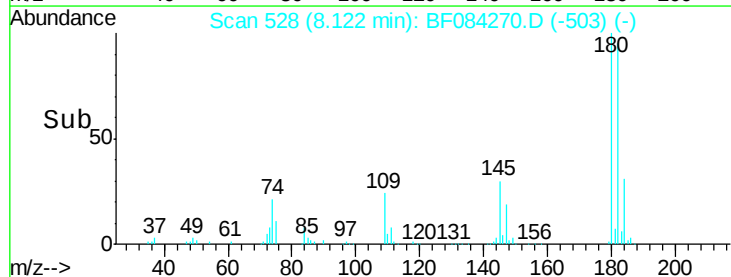
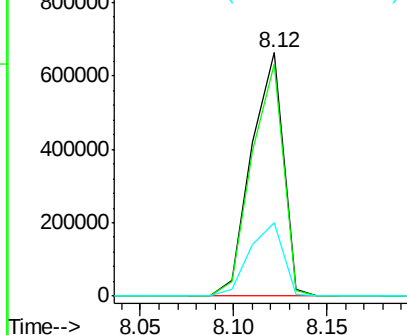


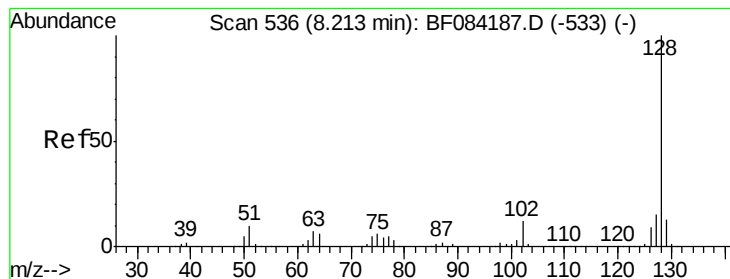
#30
 1,2,4-Trichlorobenzene
 Concen: 49.91 ng
 RT: 8.12 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: BF084270.D
 Acq: 5 Jan 2016 7:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.4	114.6
145	30.3	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: 52.52 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITEMS

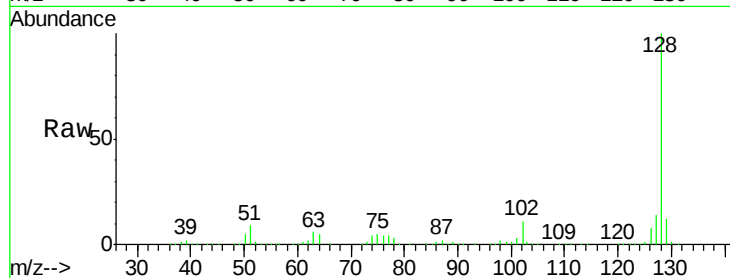
Tgt Ion:128 Resp: 2590685

Ion Ratio Lower Upper

128 100

129 12.4 9.1 13.7

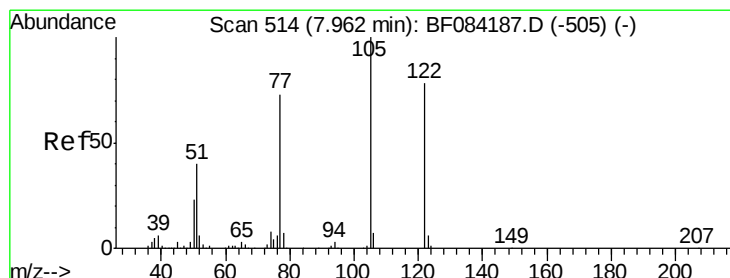
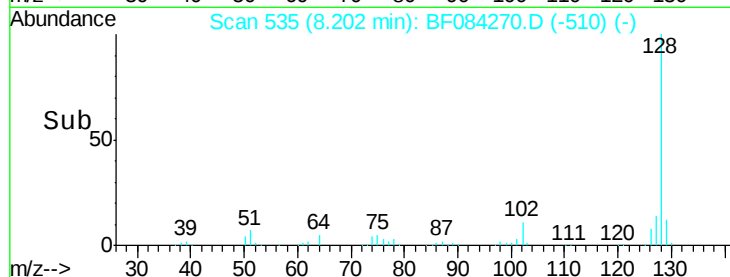
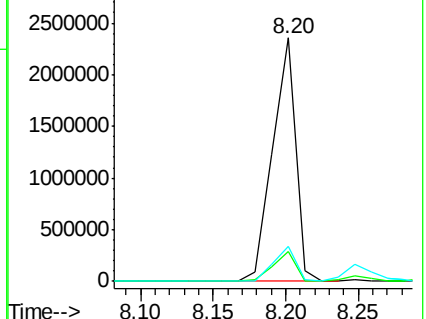
127 14.4 11.1 16.7



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: 37.59 ng

RT: 7.96 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

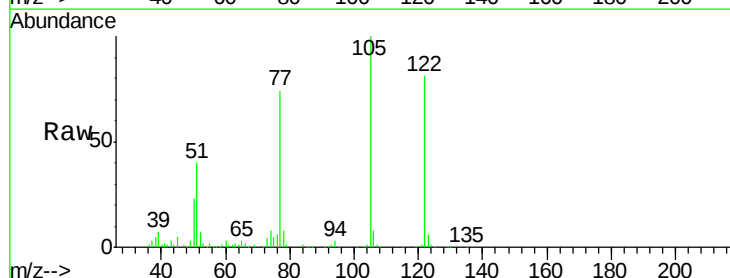
Tgt Ion:122 Resp: 423009

Ion Ratio Lower Upper

122 100

105 123.0 100.3 140.3

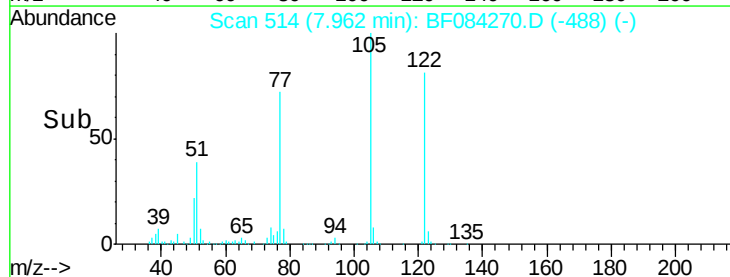
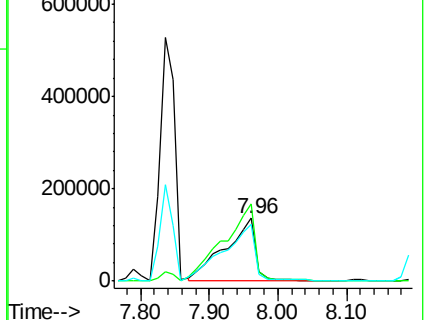
77 91.5 63.5 103.5

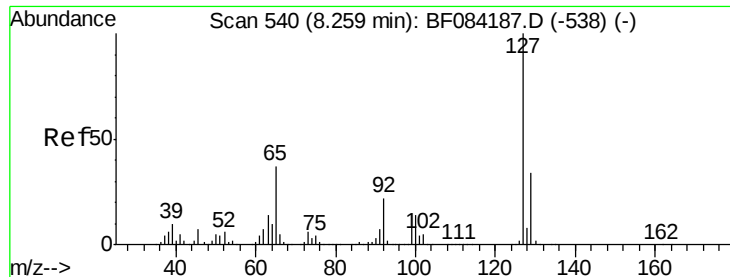


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

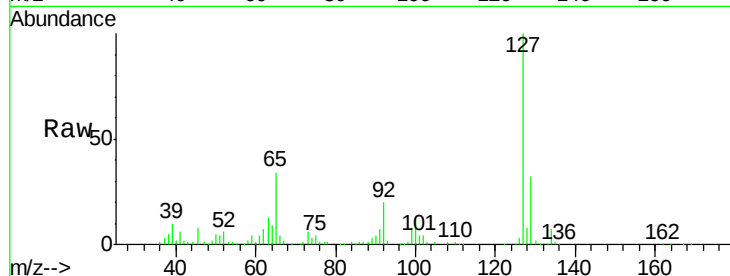




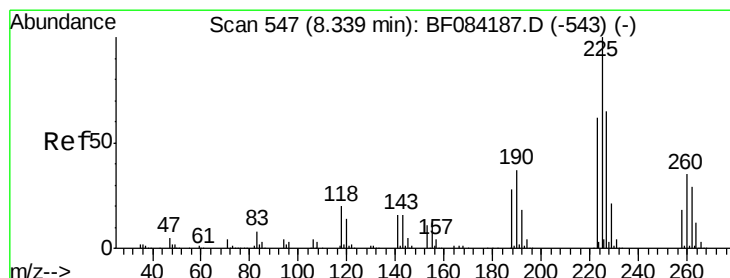
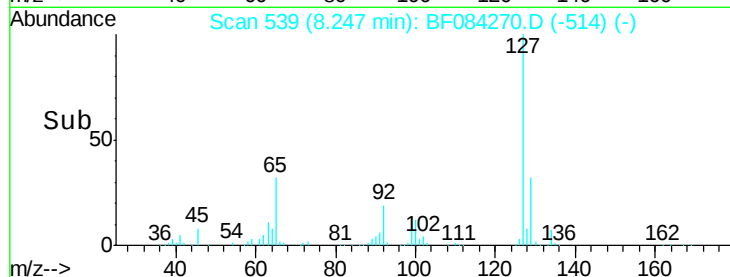
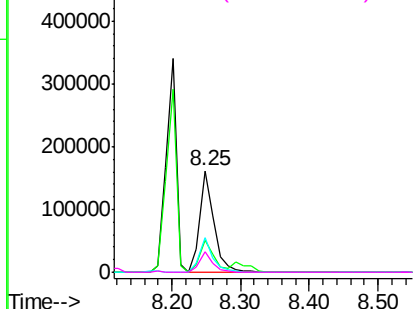
#33
4-Chloroaniline
Concen: 10.27 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMS

Tgt Ion:	127	Resp:	232124
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.5	39.7
65	34.3	27.2	40.8
92	19.7	17.7	26.5

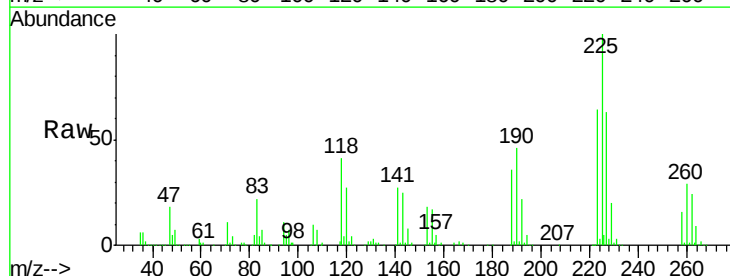


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

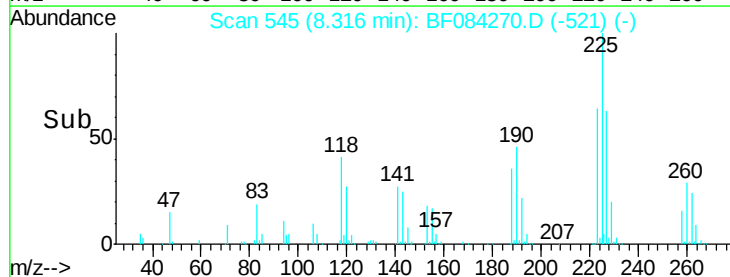
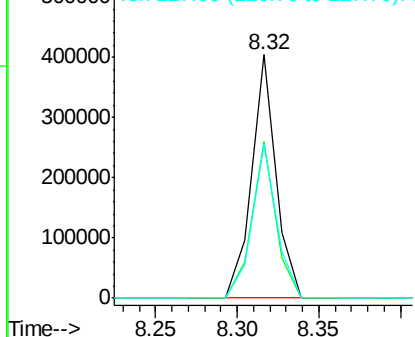


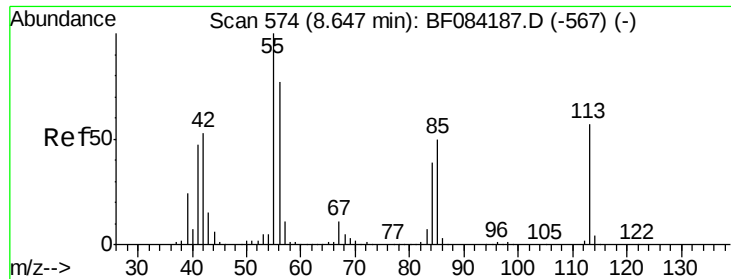
#34
Hexachlorobutadiene
Concen: 46.32 ng
RT: 8.32 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Tgt Ion:	225	Resp:	417952
Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.4	74.0
227	63.5	50.8	76.2



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

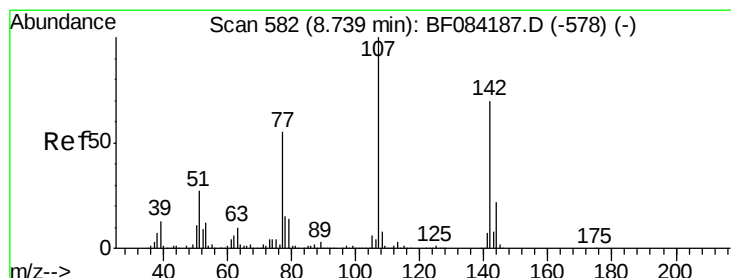
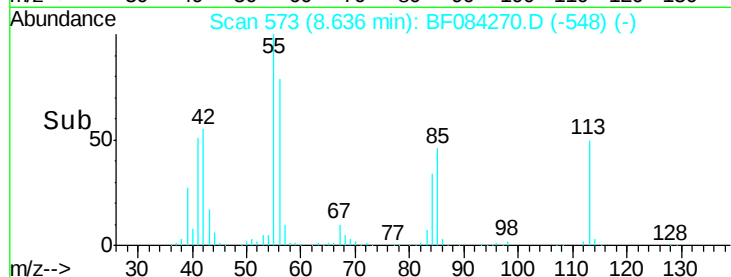
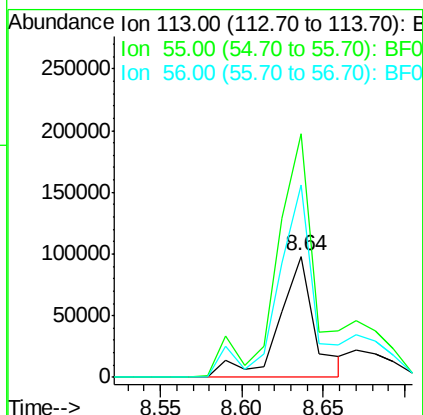
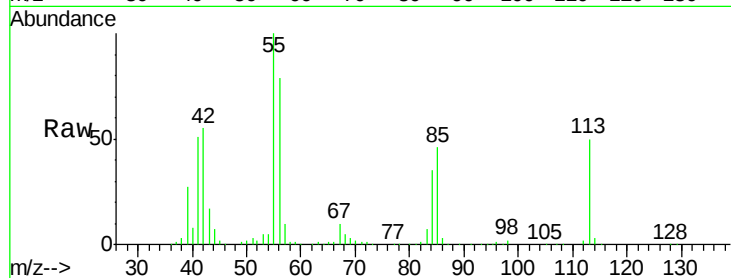




#35
 Caprolactam
 Concen: 29.11 ng
 RT: 8.64 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF084270.D
 Acq: 5 Jan 2016 7:21

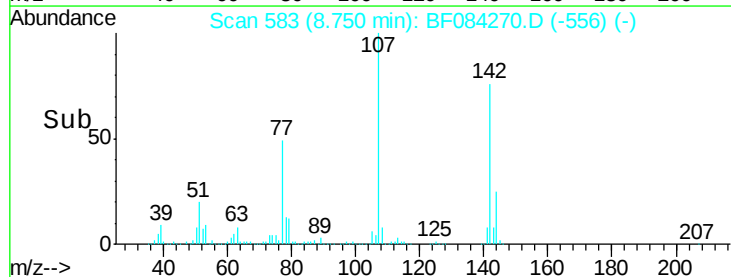
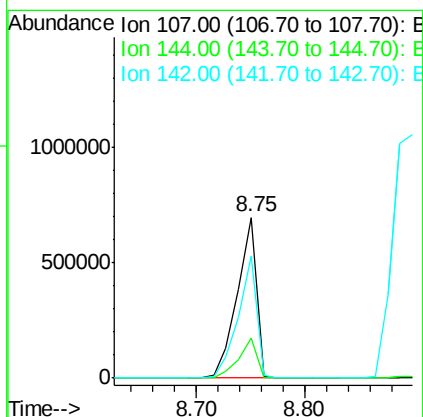
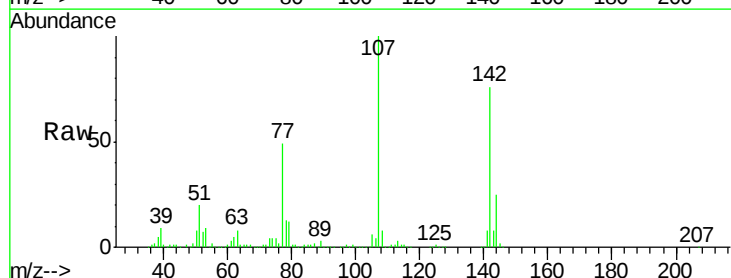
Instrument :
 BNA_F
 ClientSampleId :
 DRUM(116-142)COMPOSITEMS

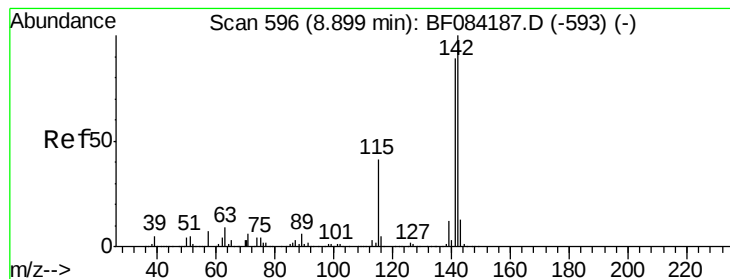
Tgt Ion:113 Resp: 149206
 Ion Ratio Lower Upper
 113 100
 55 200.8 116.9 156.9#
 56 159.2 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 49.80 ng
 RT: 8.75 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: BF084270.D
 Acq: 5 Jan 2016 7:21

Tgt Ion:107 Resp: 848045
 Ion Ratio Lower Upper
 107 100
 144 25.2 19.7 29.5
 142 75.9 61.8 92.6

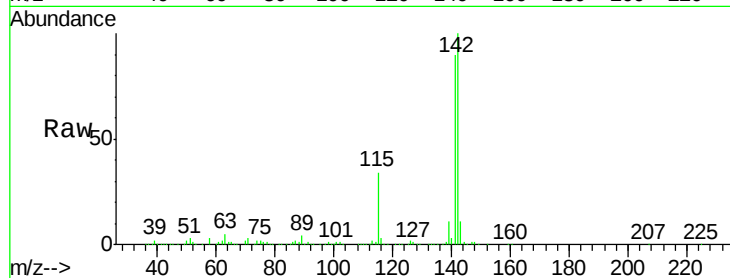




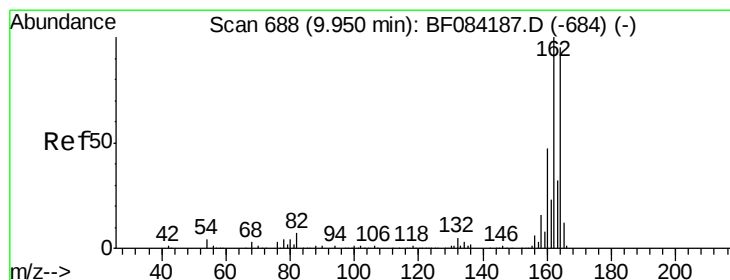
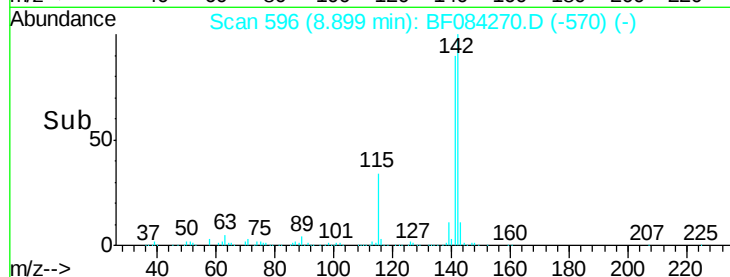
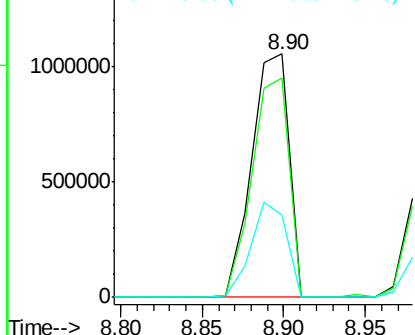
#37
 2-Methylnaphthalene
 Concen: 47.42 ng
 RT: 8.90 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF084270.D
 Acq: 5 Jan 2016 7:21

Instrument :
 BNA_F
 ClientSampleId :
 DRUM(116-142)COMPOSITEMS

Tgt Ion:142 Resp: 1678861
 Ion Ratio Lower Upper
 142 100
 141 89.9 72.4 108.6
 115 33.7 27.9 41.9

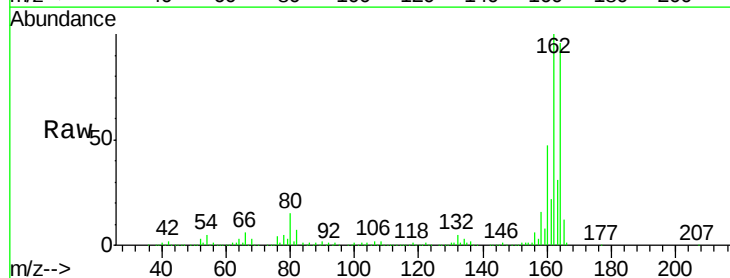


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

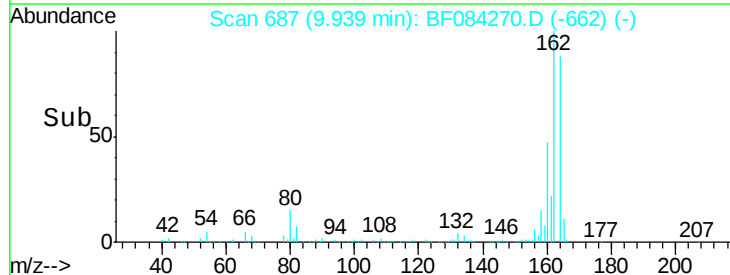
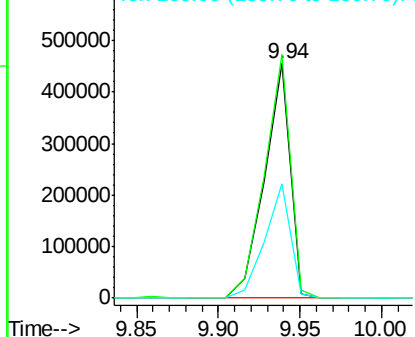


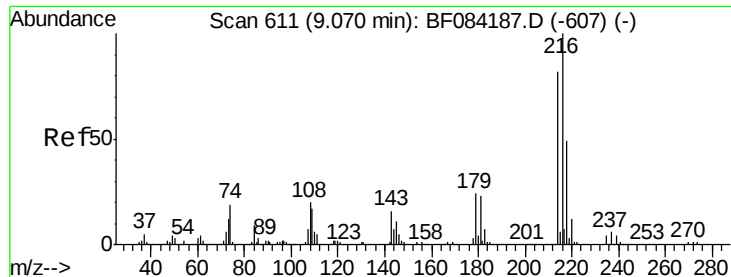
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF084270.D
 Acq: 5 Jan 2016 7:21

Tgt Ion:164 Resp: 498477
 Ion Ratio Lower Upper
 164 100
 162 103.8 85.1 127.7
 160 48.9 37.5 56.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.38 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITEMS

Tgt Ion:216 Resp: 693253

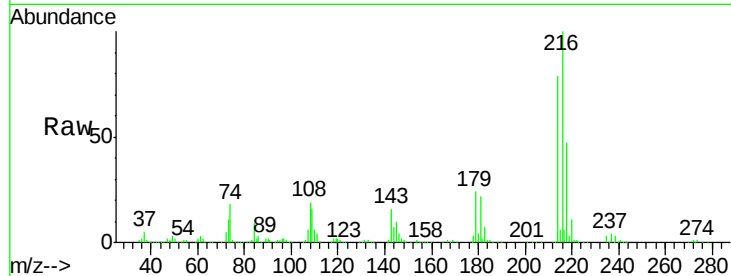
Ion Ratio Lower Upper

216 100

214 79.2 64.2 96.2

179 23.7 18.7 28.1

108 23.7 16.8 25.2

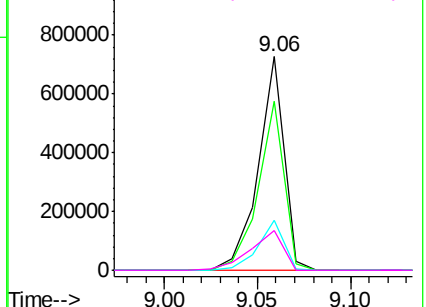
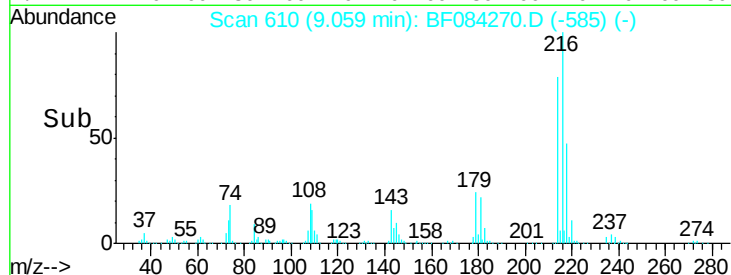


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 78.78 ng

RT: 9.05 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

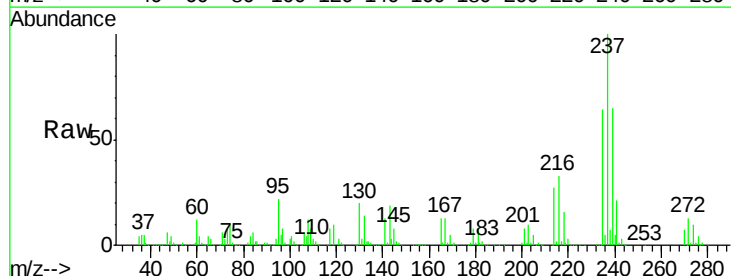
Tgt Ion:237 Resp: 681540

Ion Ratio Lower Upper

237 100

235 64.0 43.1 83.1

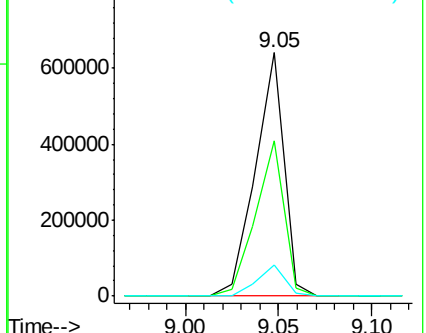
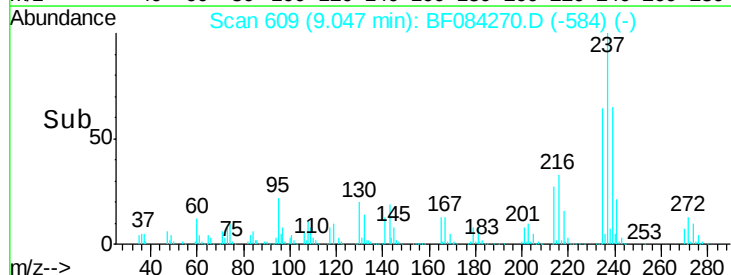
272 12.9 0.0 35.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

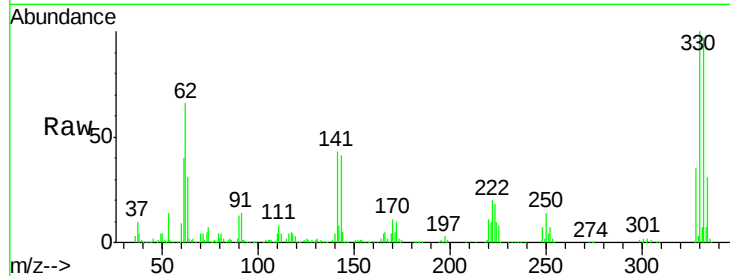




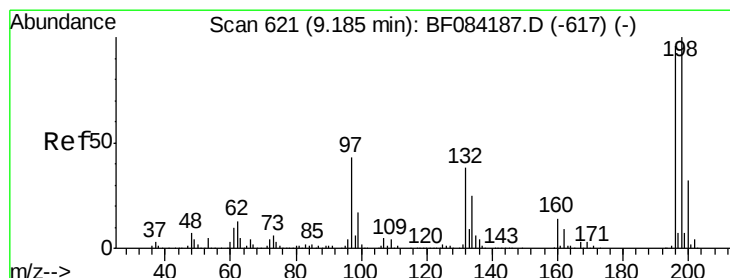
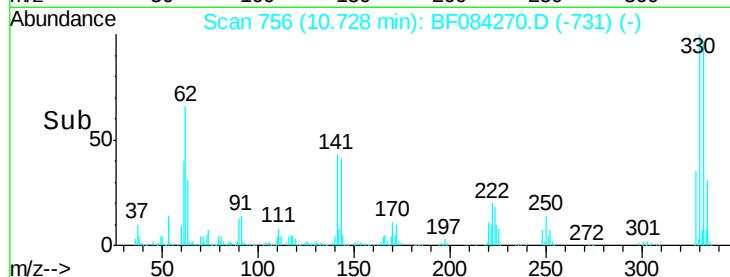
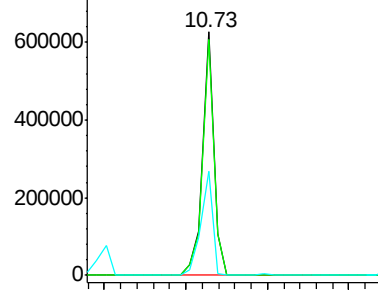
#41
 2,4,6-Tribromophenol
 Concen: 120.33 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF084270.D
 Acq: 5 Jan 2016 7:21

Instrument :
 BNA_F
 ClientSampleId :
 DRUM(116-142)COMPOSITEMS

Tgt Ion:330 Resp: 605547
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 44.0 27.8 41.6#

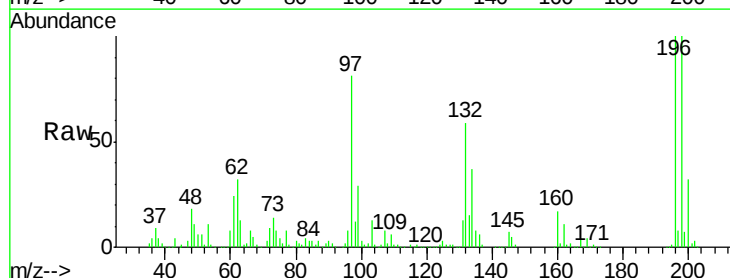


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

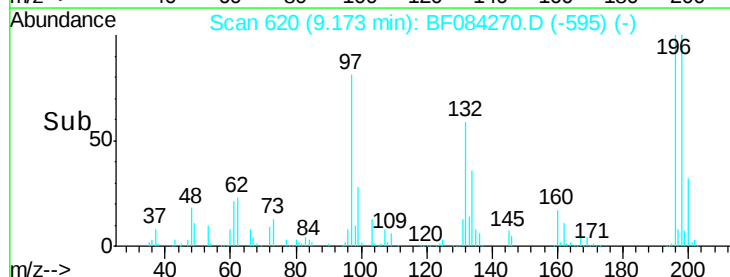
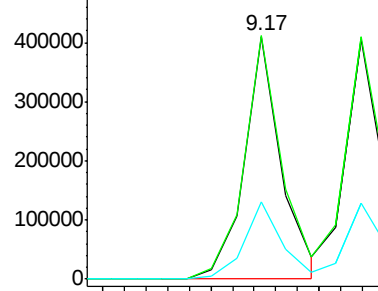


#42
 2,4,6-Trichlorophenol
 Concen: 45.72 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF084270.D
 Acq: 5 Jan 2016 7:21

Tgt Ion:196 Resp: 490201
 Ion Ratio Lower Upper
 196 100
 198 100.2 77.7 116.5
 200 31.9 24.6 37.0



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

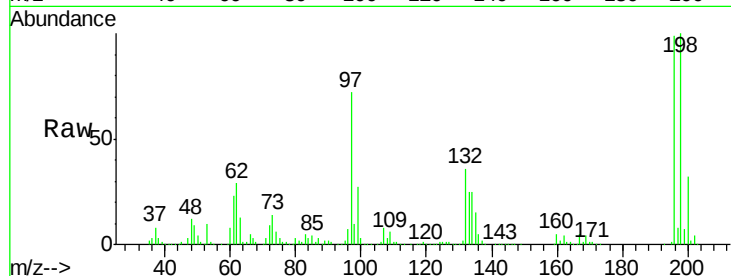




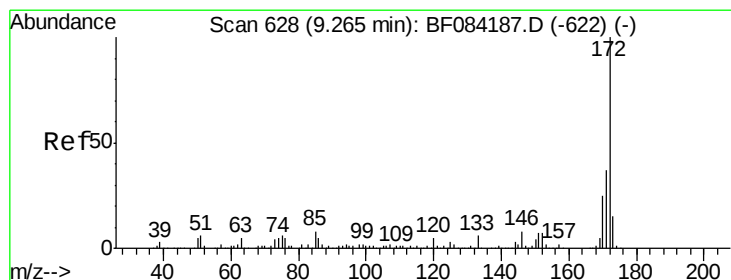
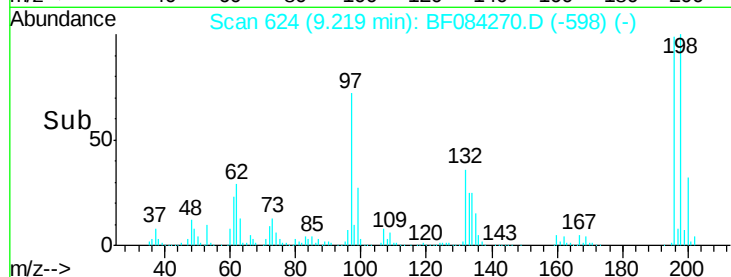
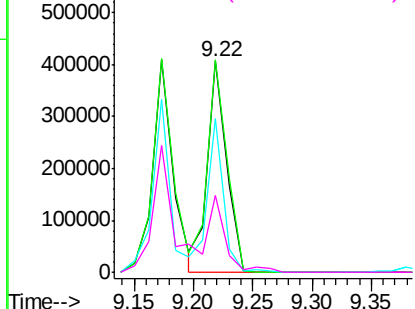
#43
 2,4,5-Trichlorophenol
 Concen: 44.29 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF084270.D
 Acq: 5 Jan 2016 7:21

Instrument :
 BNA_F
 ClientSampleId :
 DRUM(116-142)COMPOSITEMS

Tgt Ion:196 Resp: 455204
 Ion Ratio Lower Upper
 196 100
 198 100.6 79.0 118.6
 97 72.6 33.0 49.6#
 132 36.4 21.1 31.7#

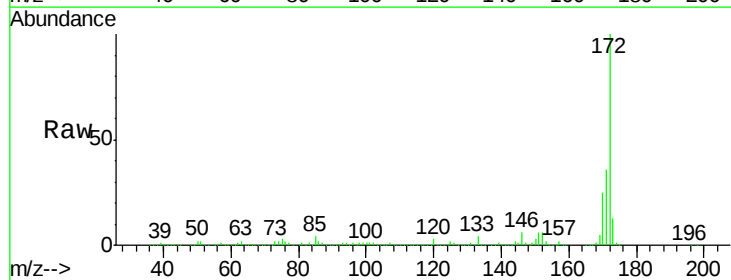


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

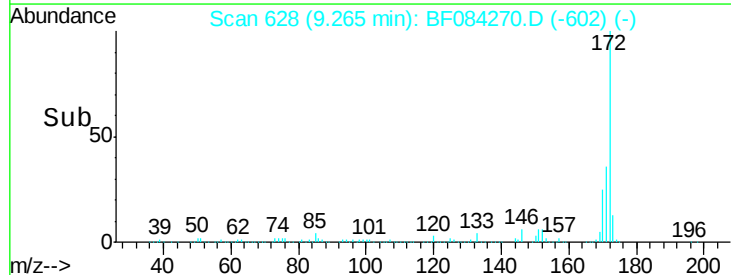
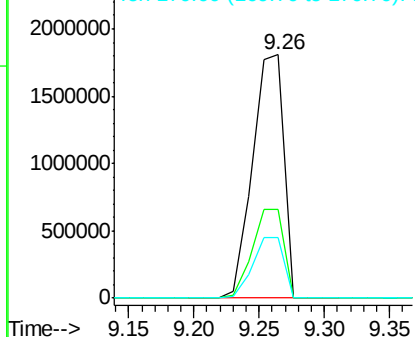


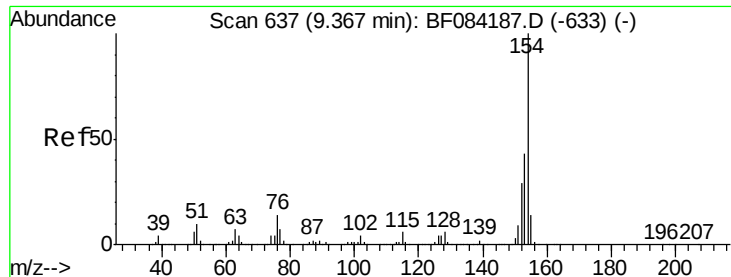
#44
 2-Fluorobiphenyl
 Concen: 108.02 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084270.D
 Acq: 5 Jan 2016 7:21

Tgt Ion:172 Resp: 3012342
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.9 43.3
 170 24.9 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

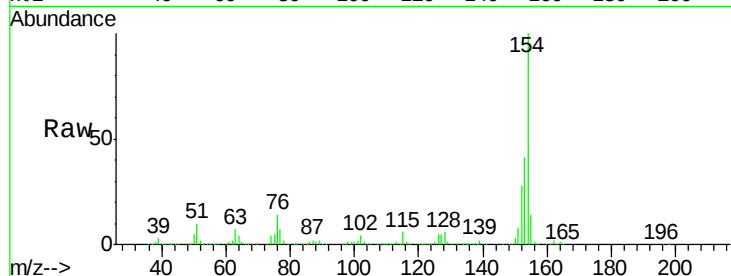




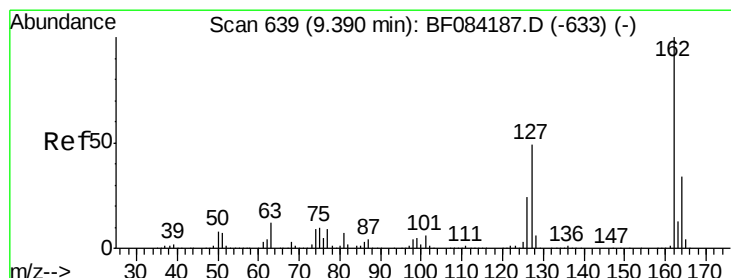
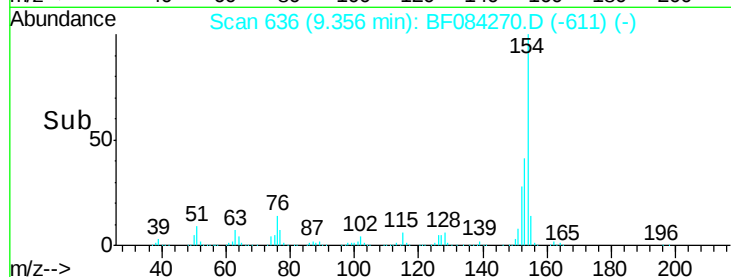
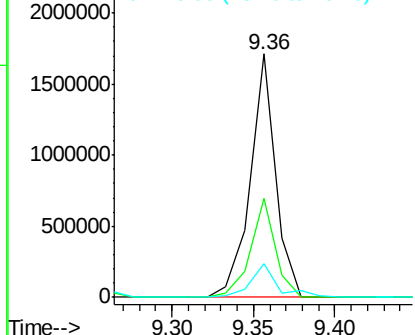
#45
 1,1'-Biphenyl
 Concen: 46.24 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF084270.D
 Acq: 5 Jan 2016 7:21

Instrument :
 BNA_F
 ClientSampleId :
 DRUM(116-142)COMPOSITEMS

Tgt Ion:154 Resp: 1832089
 Ion Ratio Lower Upper
 154 100
 153 40.9 21.6 61.6
 76 13.8 0.0 32.7

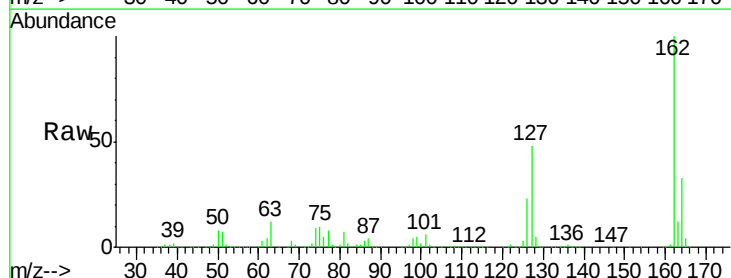


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

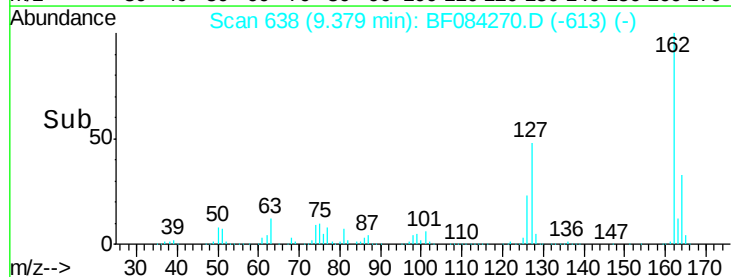
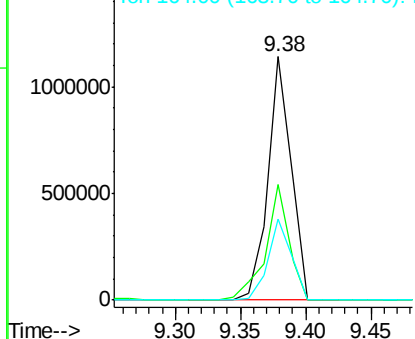


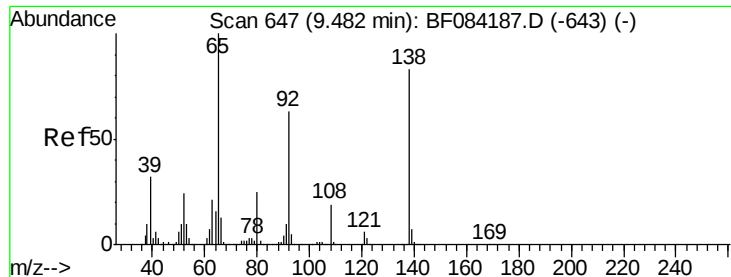
#46
 2-Chloronaphthalene
 Concen: 45.75 ng
 RT: 9.38 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF084270.D
 Acq: 5 Jan 2016 7:21

Tgt Ion:162 Resp: 1423582
 Ion Ratio Lower Upper
 162 100
 127 47.7 40.2 60.4
 164 33.4 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

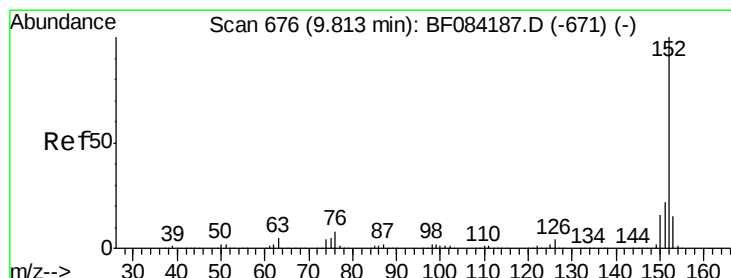
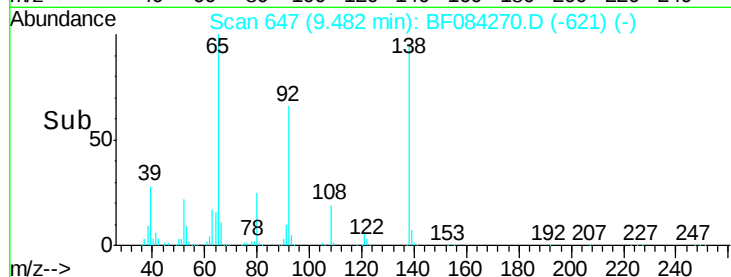
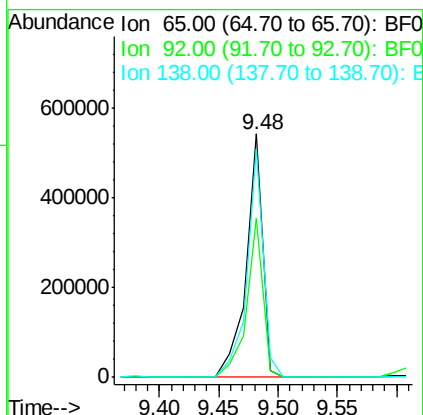
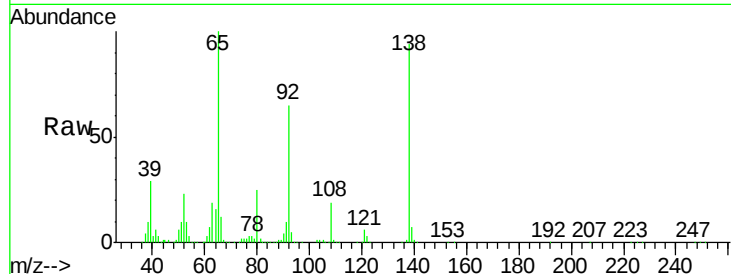




#47
2-Nitroaniline
Concen: 51.16 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

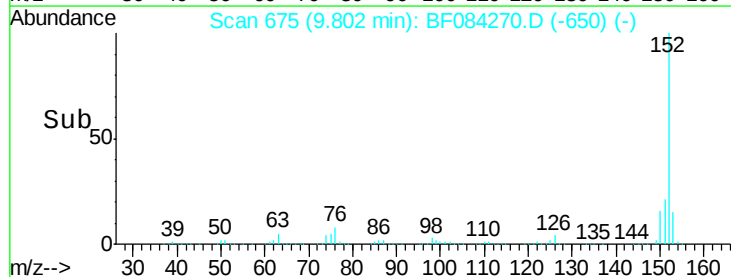
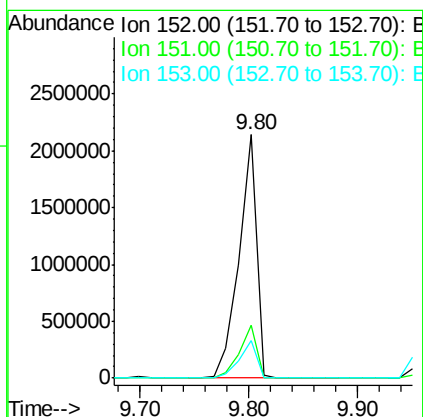
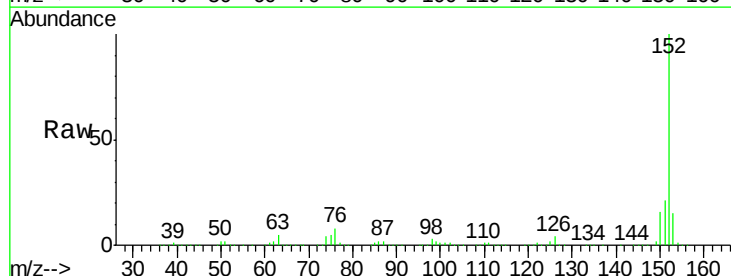
Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMS

Tgt Ion: 65 Resp: 525480
Ion Ratio Lower Upper
65 100
92 65.3 53.4 80.2
138 94.0 71.1 106.7



#48
Acenaphthylene
Concen: 51.31 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Tgt Ion: 152 Resp: 2359132
Ion Ratio Lower Upper
152 100
151 21.5 16.3 24.5
153 15.2 10.4 15.6





#49

Dimethylphthalate

Concen: 47.92 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITEMS

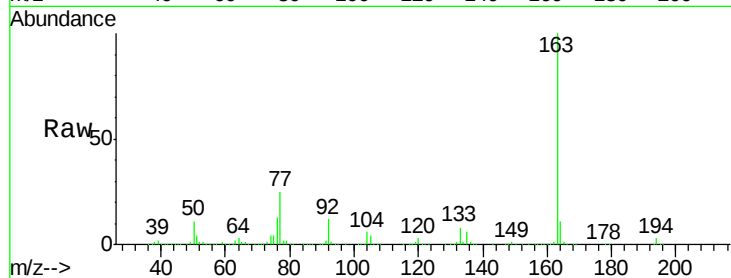
Tgt Ion:163 Resp: 1707605

Ion Ratio Lower Upper

163 100

194 3.3 8.0 12.0#

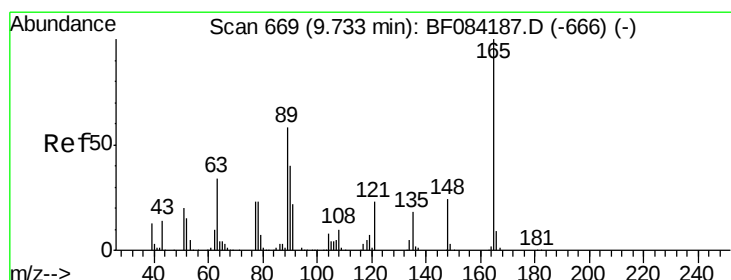
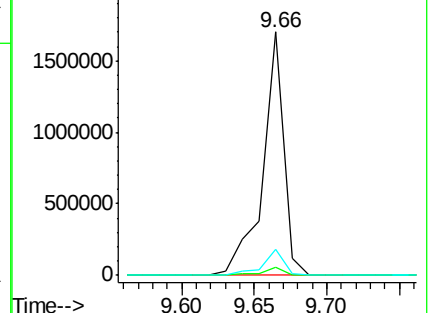
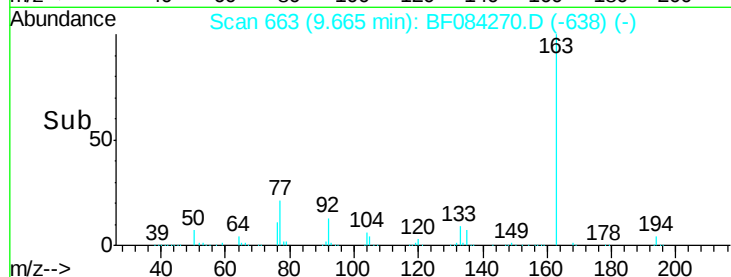
164 10.5 8.0 12.0



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: 46.16 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

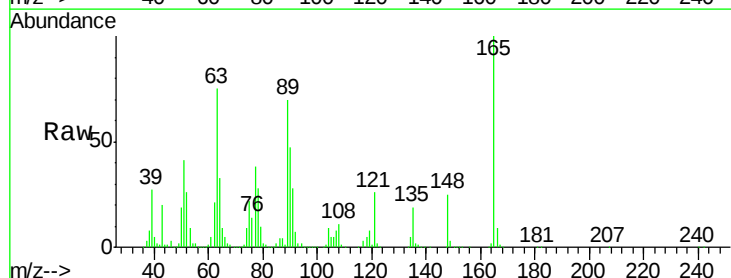
Tgt Ion:165 Resp: 360767

Ion Ratio Lower Upper

165 100

63 74.8 28.8 43.2#

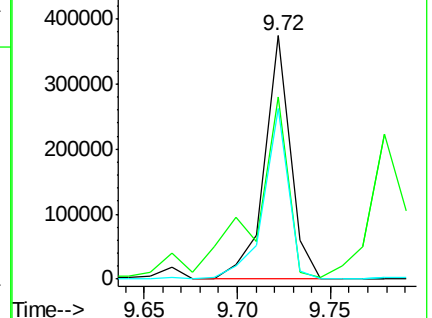
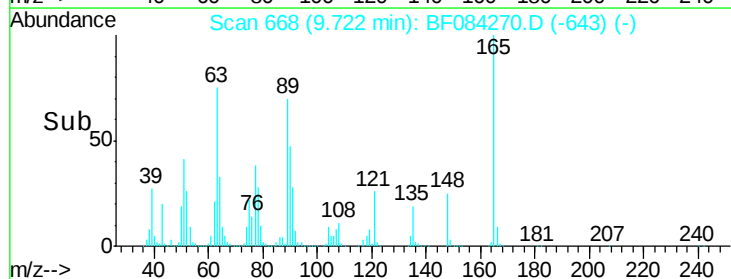
89 70.2 35.1 52.7#

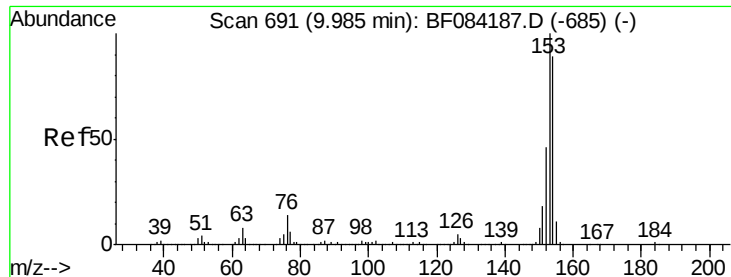


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 56.68 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITEMS

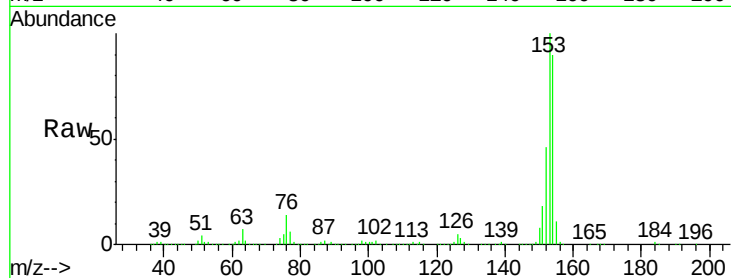
Tgt Ion:154 Resp: 1747891

Ion Ratio Lower Upper

154 100

153 110.5 91.5 137.3

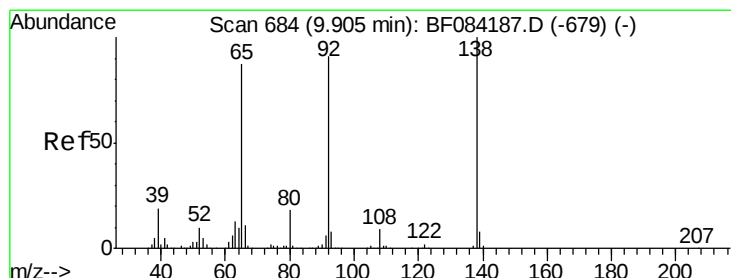
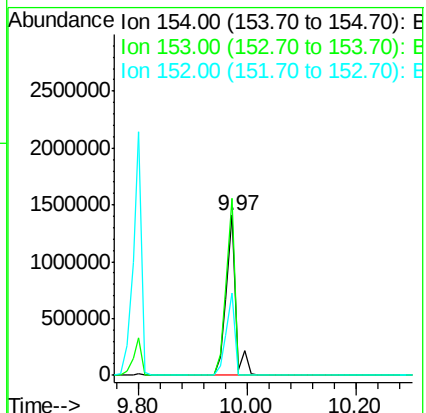
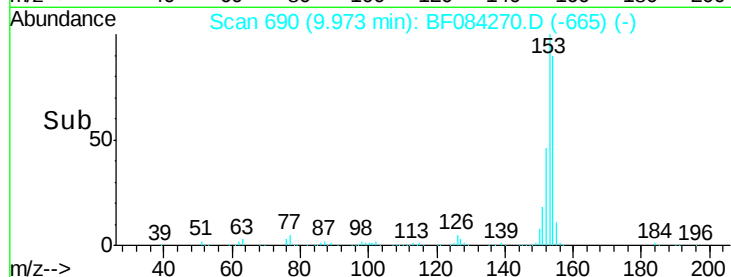
152 51.4 43.0 64.6



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: 26.31 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

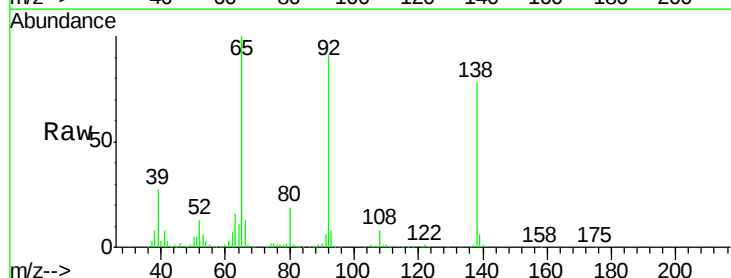
Tgt Ion:138 Resp: 254851

Ion Ratio Lower Upper

138 100

108 10.6 10.5 15.7

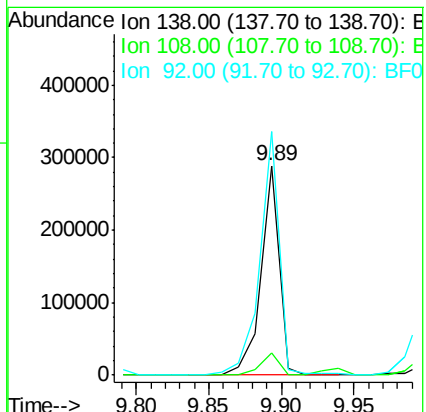
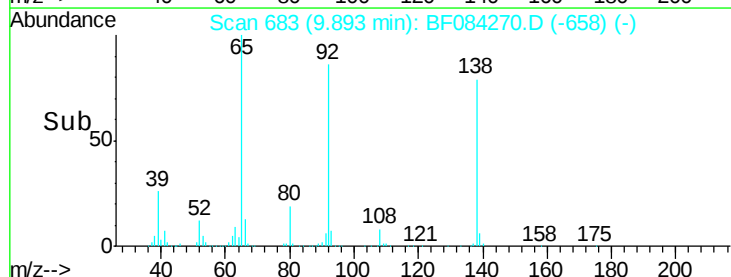
92 116.2 103.9 155.9



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

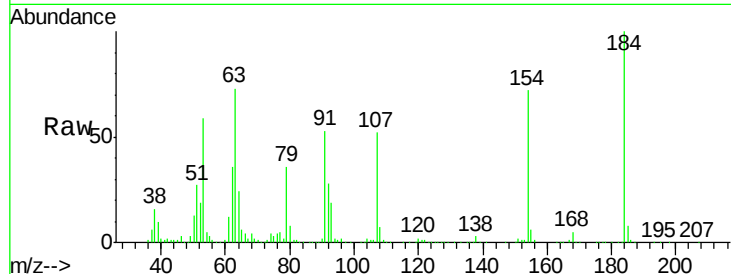




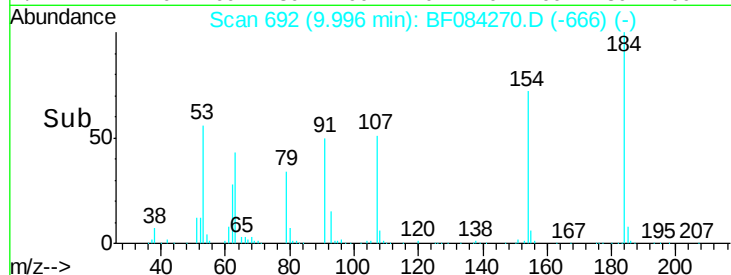
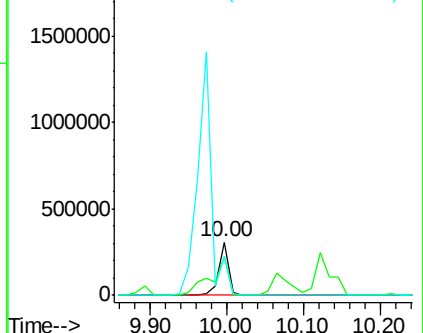
#53
2,4-Dinitrophenol
Concen: 82.82 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMS

Tgt Ion:184 Resp: 276171
Ion Ratio Lower Upper
184 100
63 73.3 43.1 64.7#
154 72.5 60.5 90.7

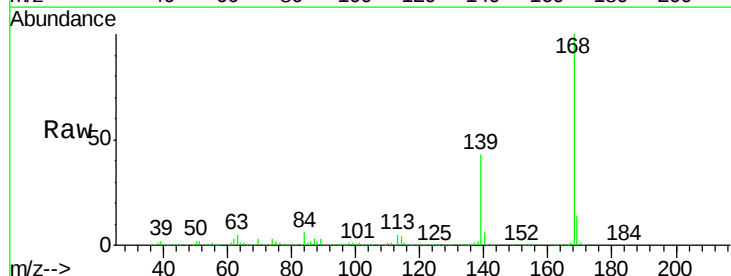


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

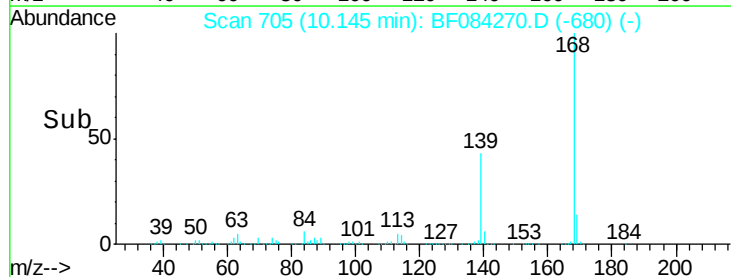
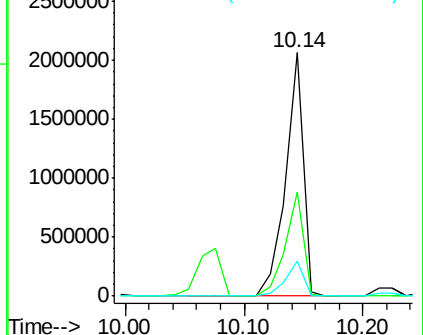


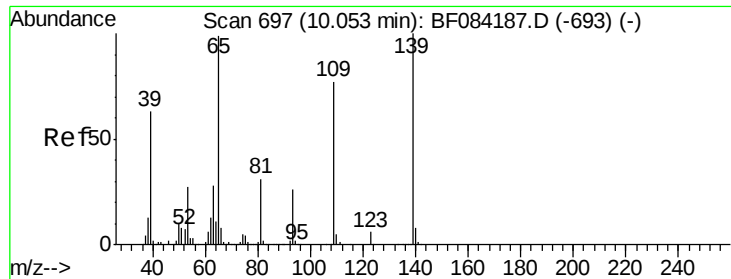
#54
Dibenzofuran
Concen: 53.05 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Tgt Ion:168 Resp: 2097793
Ion Ratio Lower Upper
168 100
139 42.9 30.5 45.7
169 14.2 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

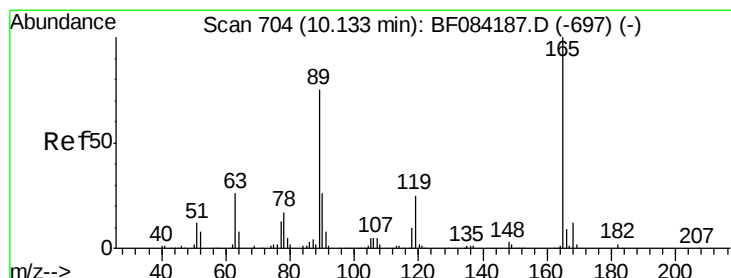
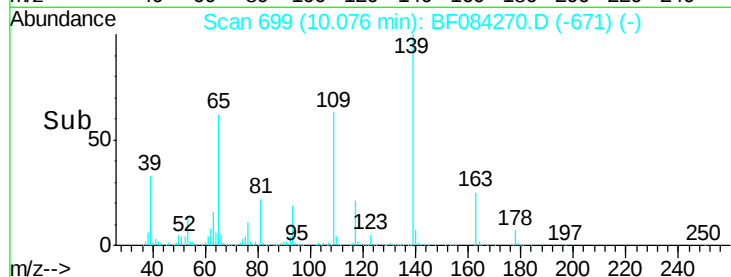
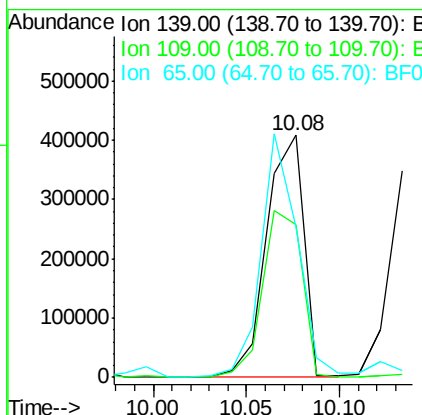
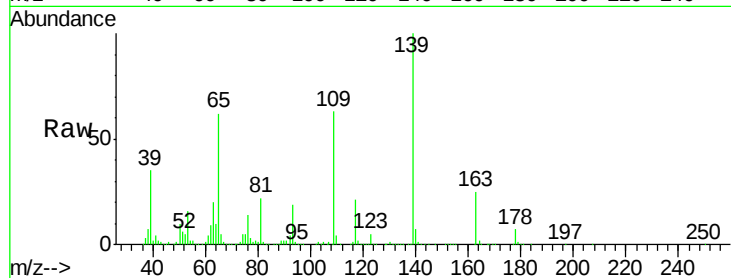




#55
4-Nitrophenol
Concen: 80.90 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.02 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

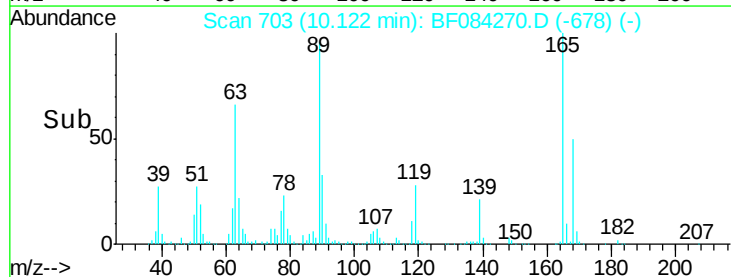
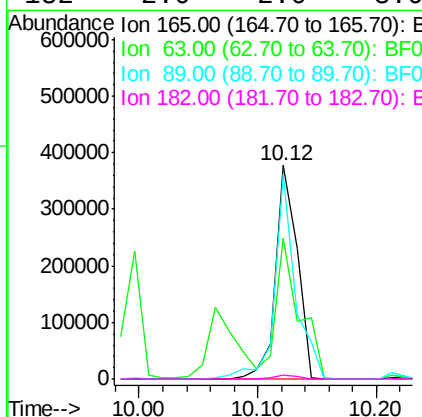
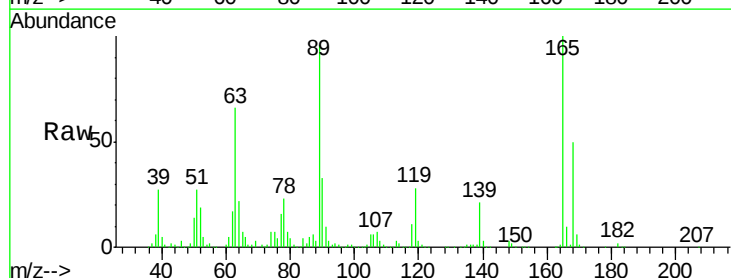
Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMS

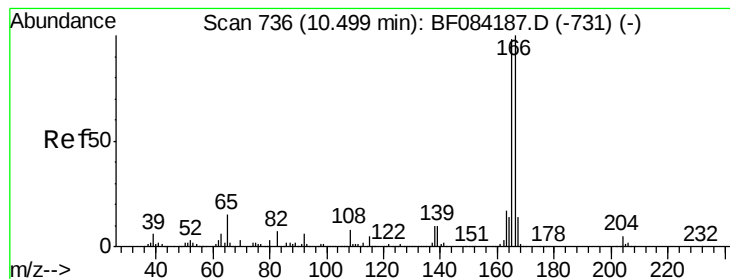
Tgt Ion:139 Resp: 568743
Ion Ratio Lower Upper
139 100
109 63.1 58.5 98.5
65 61.9 57.6 97.6



#56
2,4-Dinitrotoluene
Concen: 48.12 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Tgt Ion:165 Resp: 476029
Ion Ratio Lower Upper
165 100
63 66.0 36.7 55.1#
89 95.9 61.9 92.9#
182 2.0 2.0 3.0#





#57

Fluorene

Concen: 53.92 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITEMS

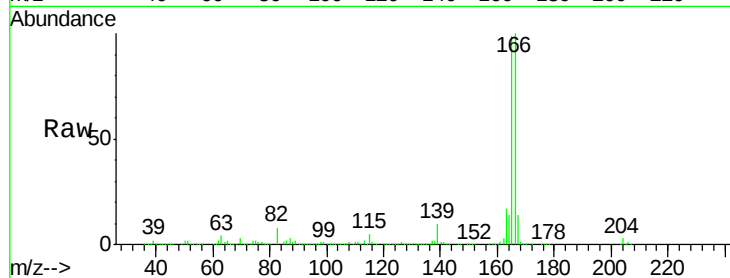
Tgt Ion:166 Resp: 1650861

Ion Ratio Lower Upper

166 100

165 98.6 79.1 118.7

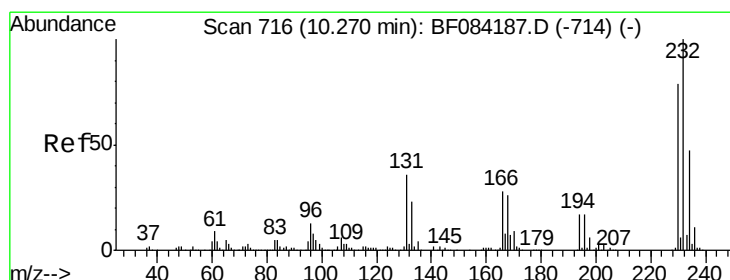
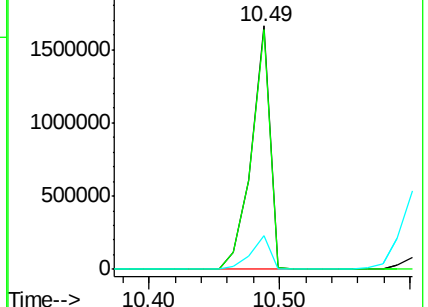
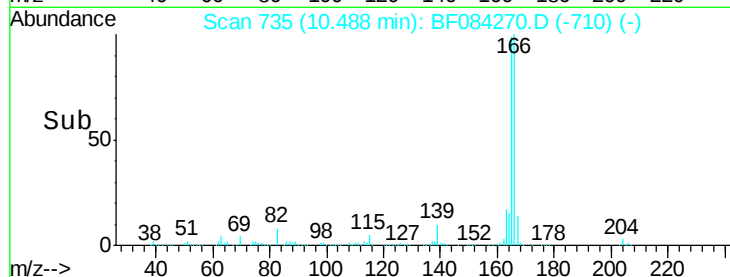
167 13.9 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.52 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Tgt Ion:232 Resp: 381888

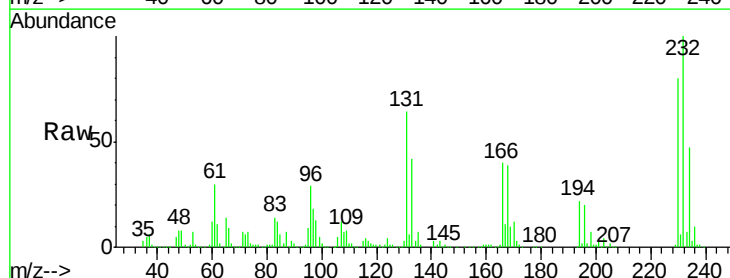
Ion Ratio Lower Upper

232 100

131 52.9 47.0 70.6

130 2.5 2.0 3.0

166 33.8 30.5 45.7

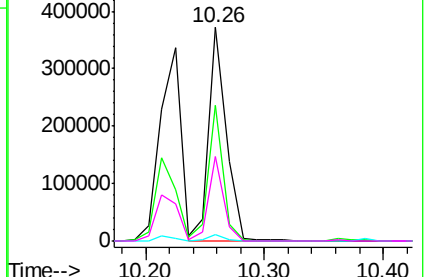
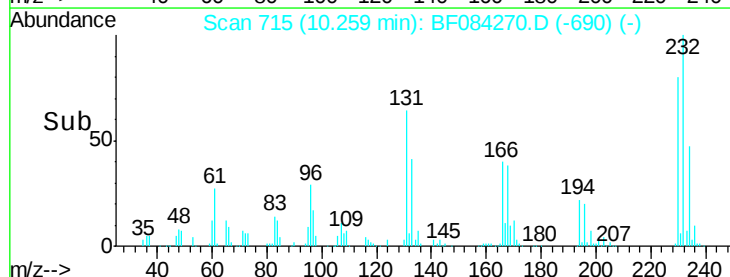


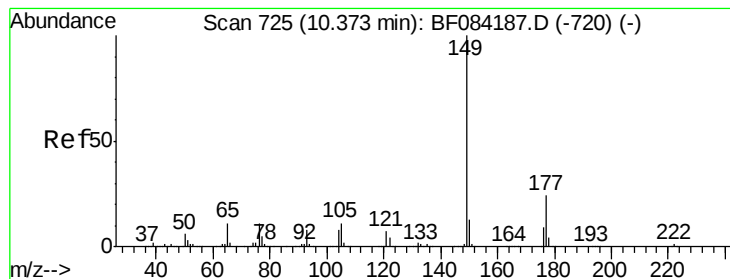
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 46.28 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITEMS

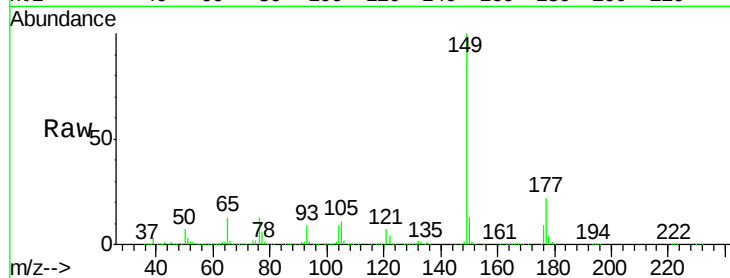
Tgt Ion:149 Resp: 1626080

Ion Ratio Lower Upper

149 100

177 22.0 17.3 25.9

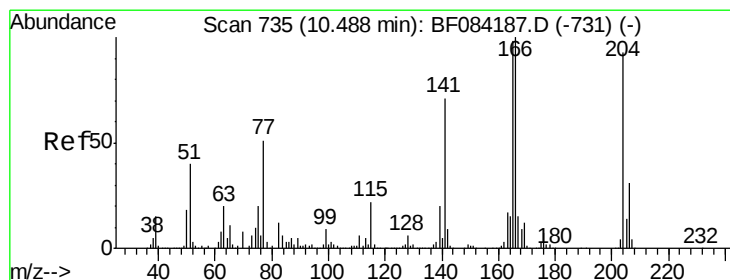
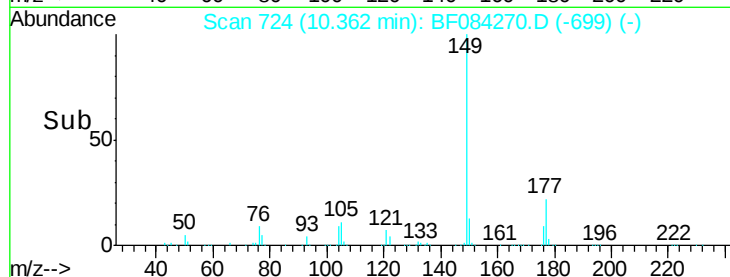
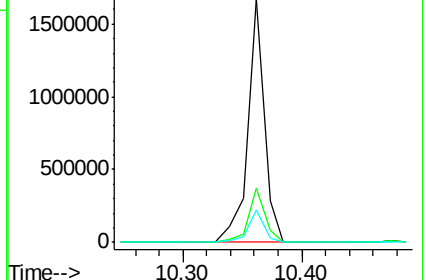
150 13.2 9.8 14.8



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: 55.59 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

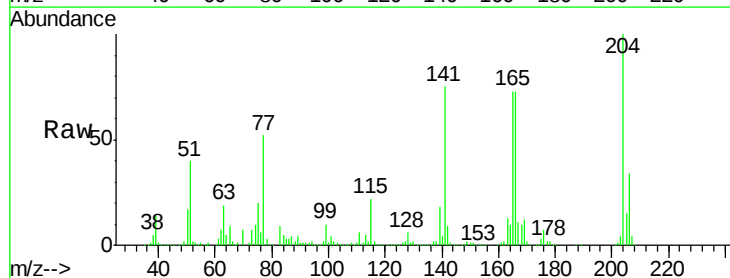
Tgt Ion:204 Resp: 700189

Ion Ratio Lower Upper

204 100

206 33.5 25.7 38.5

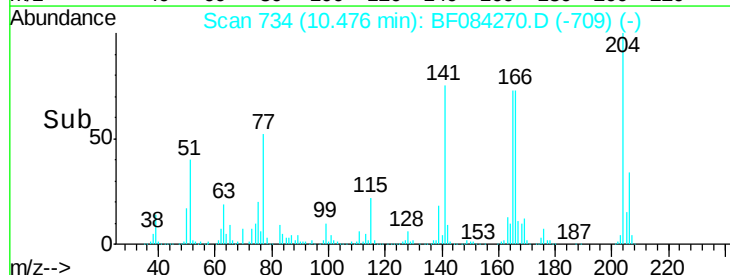
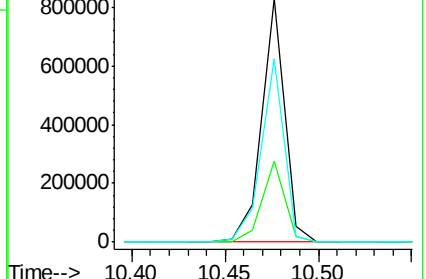
141 75.3 55.1 82.7

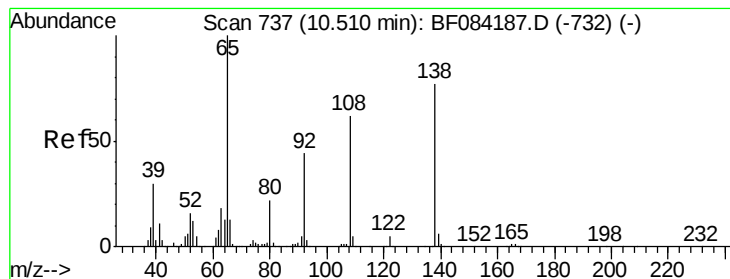


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.78 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITEMS

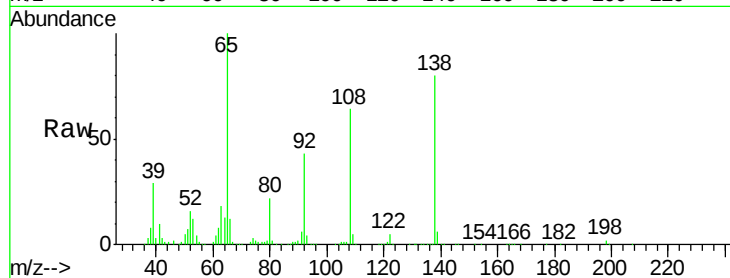
Tgt Ion:138 Resp: 360731

Ion Ratio Lower Upper

138 100

92 54.0 32.6 72.6

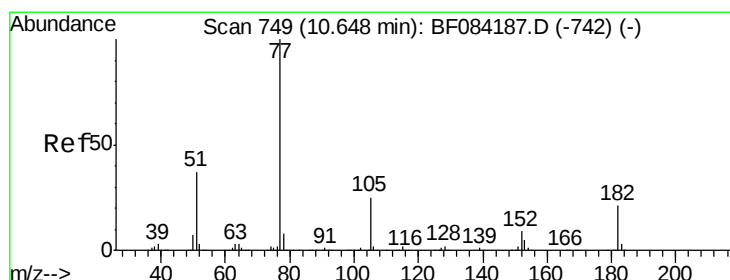
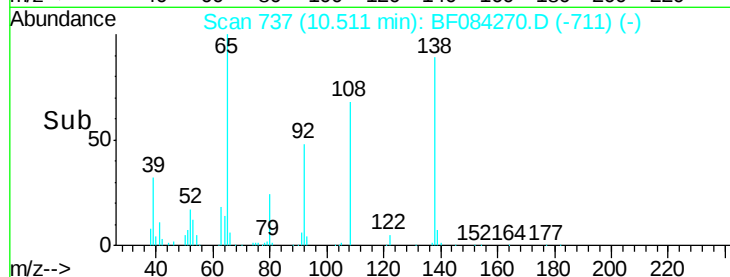
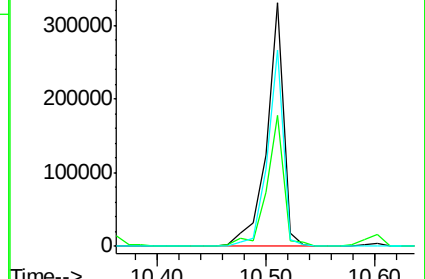
108 80.5 68.6 108.6



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: 47.47 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Tgt Ion: 77 Resp: 1829546

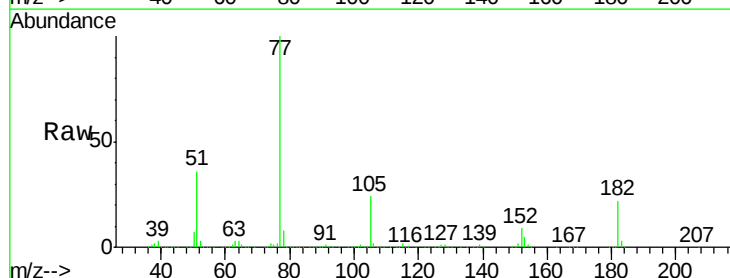
Ion Ratio Lower Upper

77 100

182 21.6 8.3 48.3

105 24.1 4.6 44.6

51 36.3 6.2 46.2

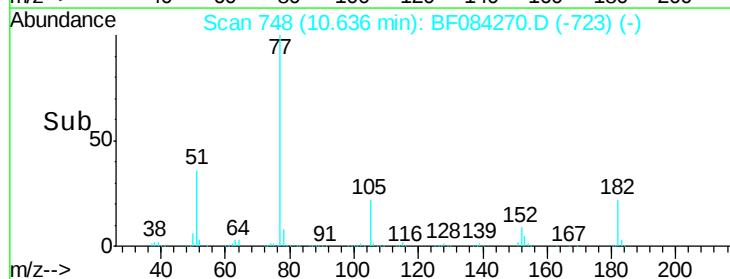
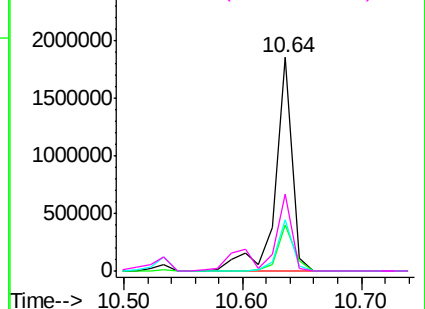


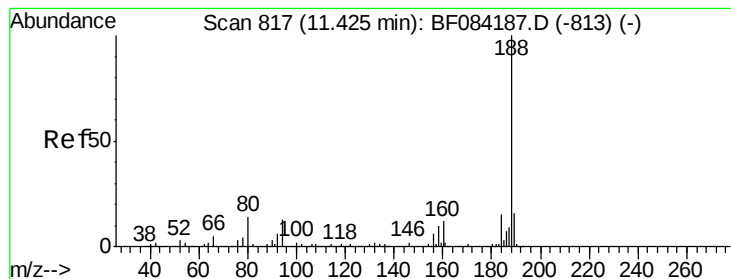
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITEMS

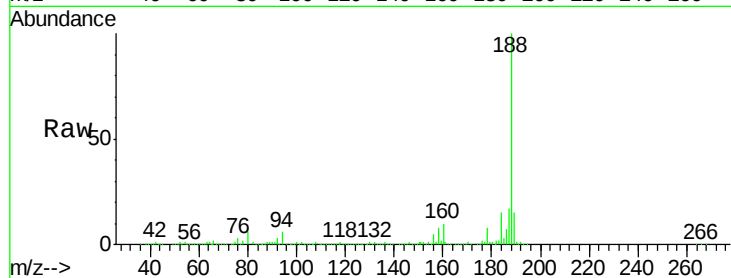
Tgt Ion:188 Resp: 854467

Ion Ratio Lower Upper

188 100

94 6.5 9.0 13.4#

80 6.4 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

11.42

800000

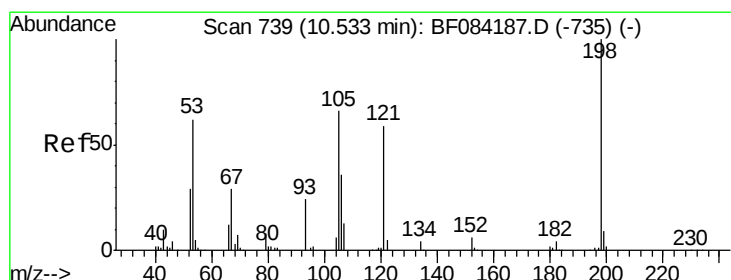
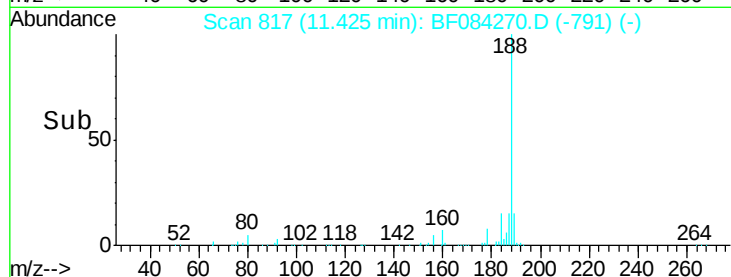
600000

400000

200000

0

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 43.48 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

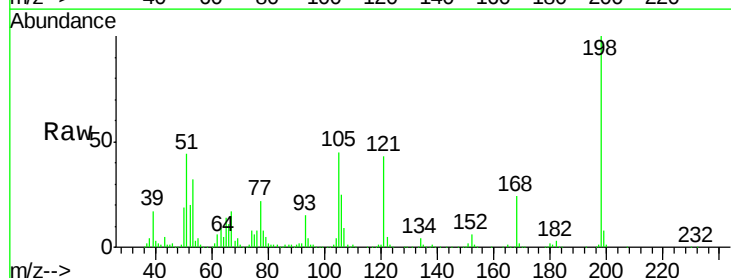
Tgt Ion:198 Resp: 226497

Ion Ratio Lower Upper

198 100

51 44.4 18.9 58.9

105 44.8 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

10.53

800000

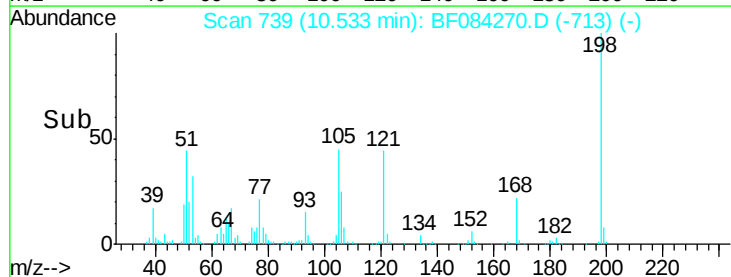
600000

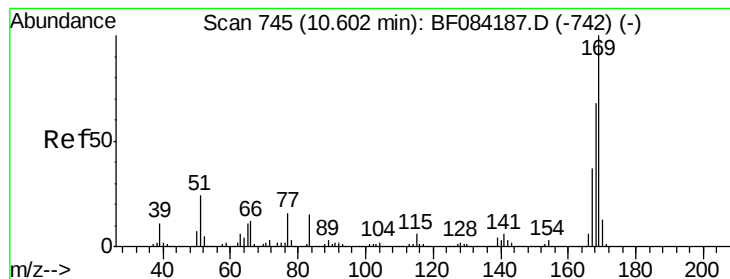
400000

200000

0

Time-->





#65

n-Nitrosodiphenylamine

Concen: 53.13 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITEMS

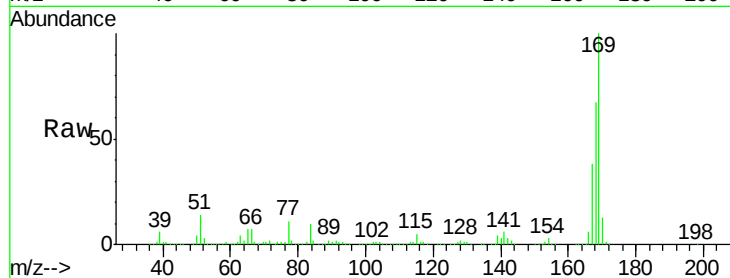
Tgt Ion:169 Resp: 1451558

Ion Ratio Lower Upper

169 100

168 67.3 55.1 82.7

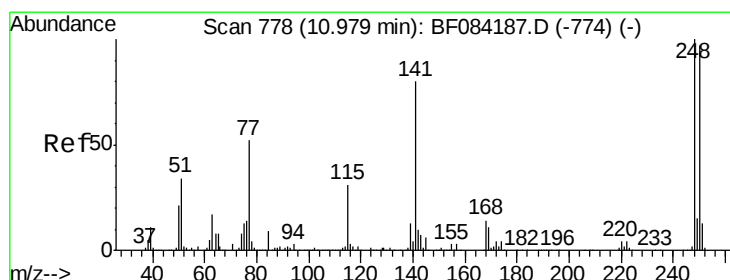
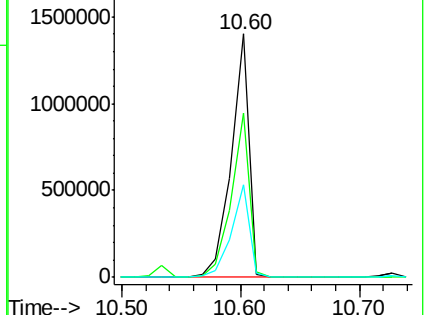
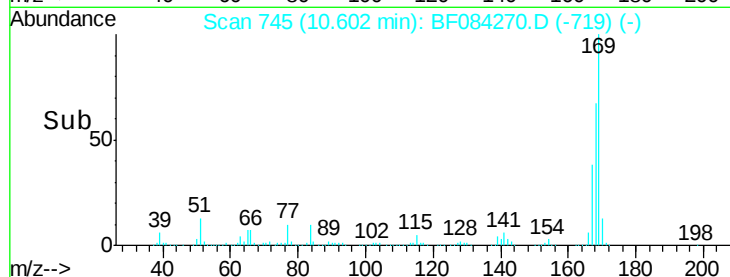
167 38.1 30.0 45.0



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: 51.96 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

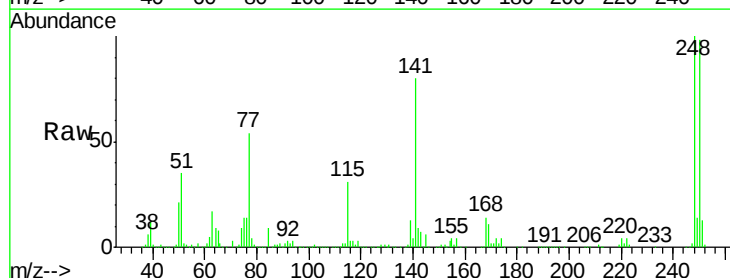
Tgt Ion:248 Resp: 477907

Ion Ratio Lower Upper

248 100

250 97.7 78.4 117.6

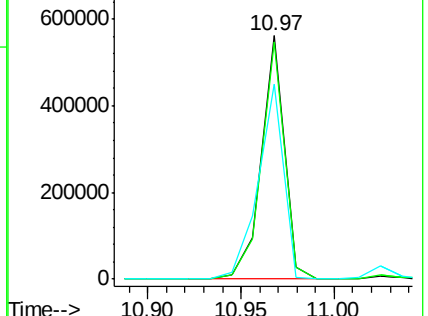
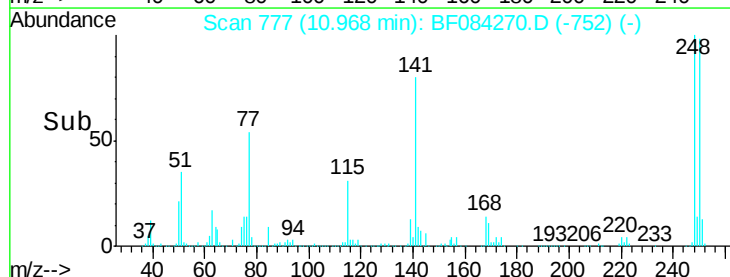
141 80.0 44.0 66.0#

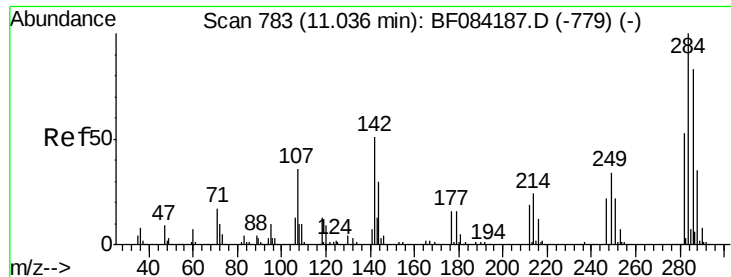


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

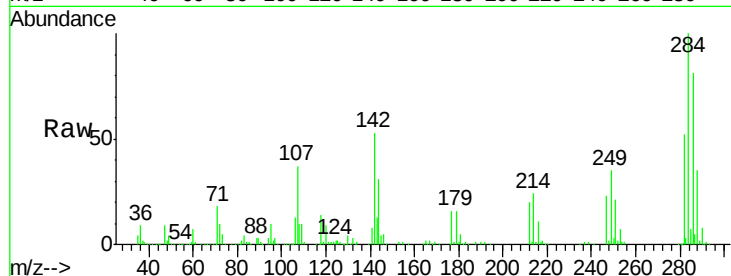




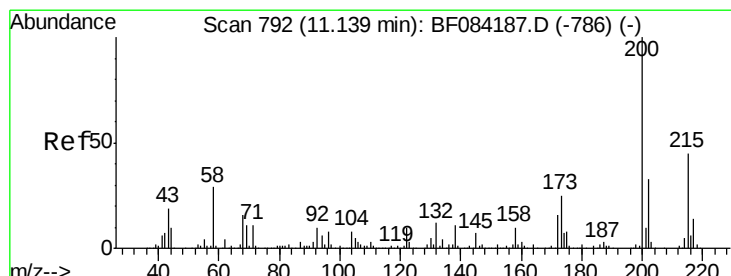
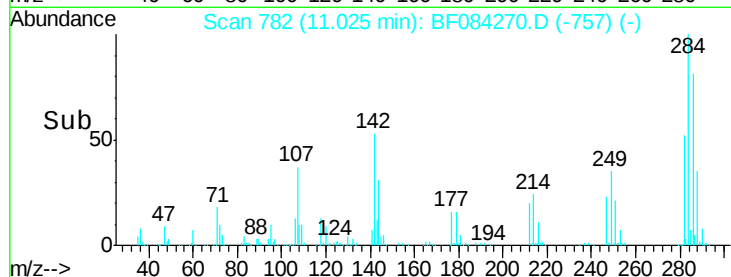
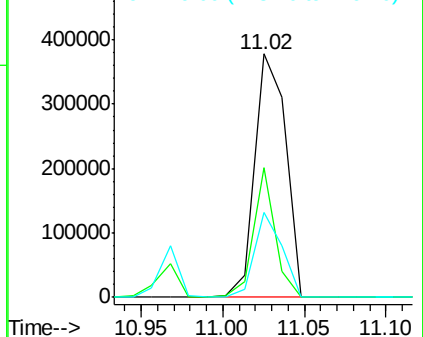
#67
Hexachlorobenzene
Concen: 48.16 ng
RT: 11.02 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITITEMS

Tgt Ion:284 Resp: 498566
Ion Ratio Lower Upper
284 100
142 53.1 22.2 33.4#
249 34.9 24.6 37.0

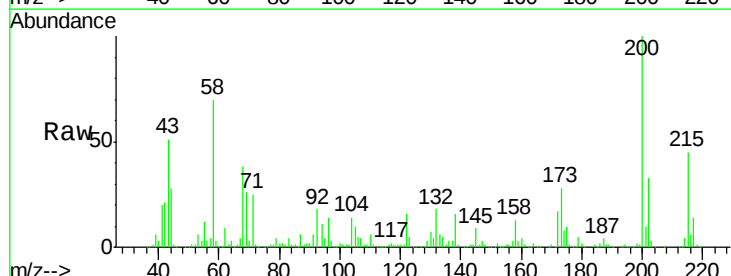


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

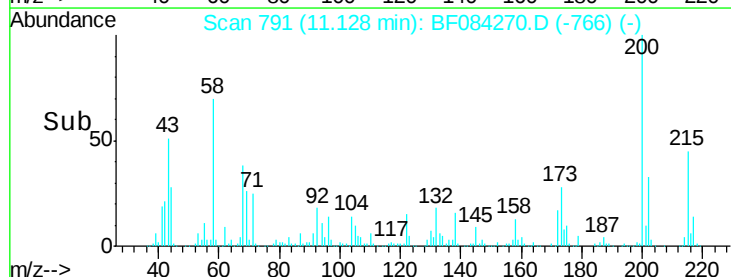
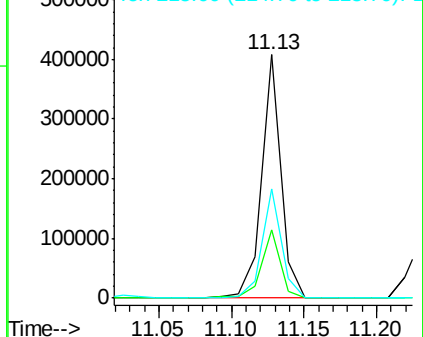


#68
Atrazine
Concen: 42.03 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Tgt Ion:200 Resp: 375740
Ion Ratio Lower Upper
200 100
173 28.2 9.5 49.5
215 44.7 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: 80.94 ng

RT: 11.23 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITEMS

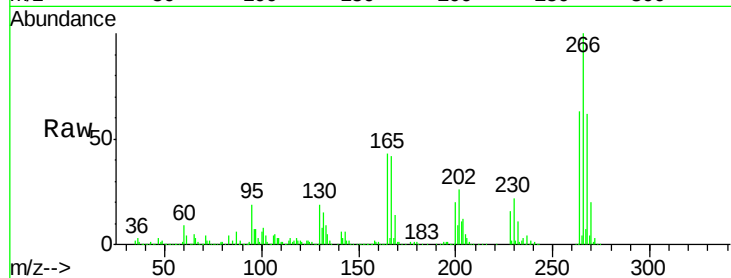
Tgt Ion:266 Resp: 434414

Ion Ratio Lower Upper

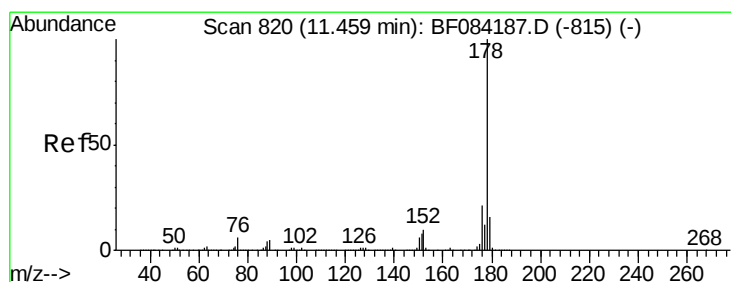
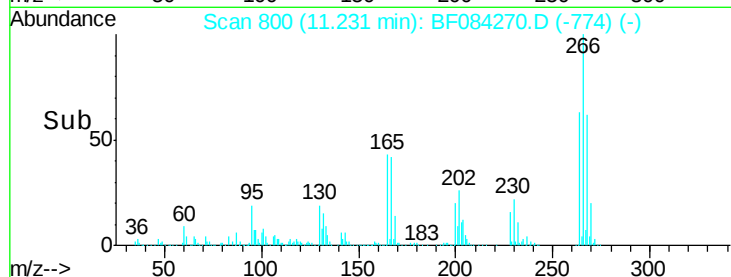
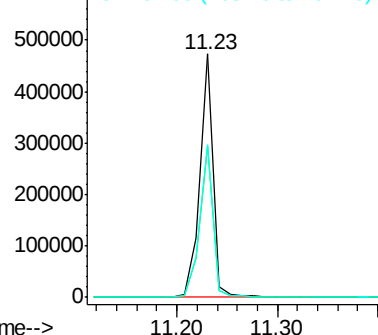
266 100

268 62.1 52.4 78.6

264 62.6 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: 51.87 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

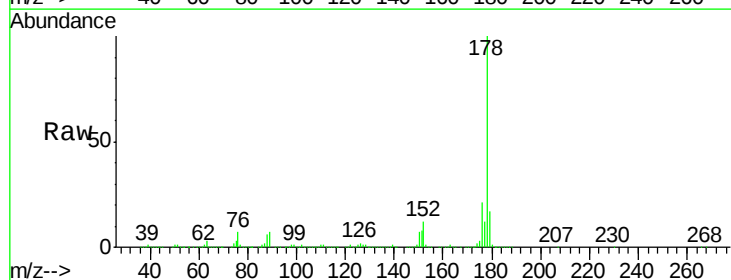
Tgt Ion:178 Resp: 2318527

Ion Ratio Lower Upper

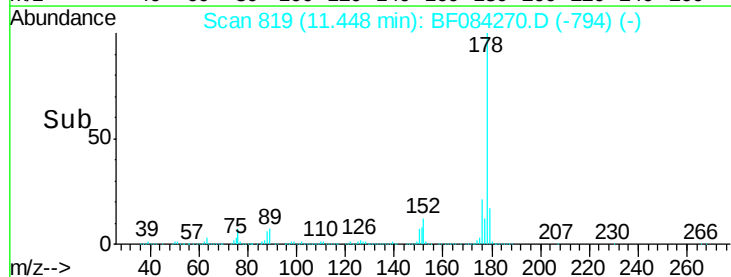
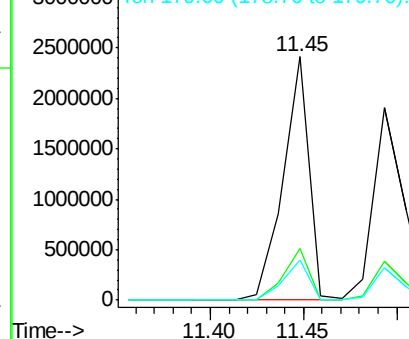
178 100

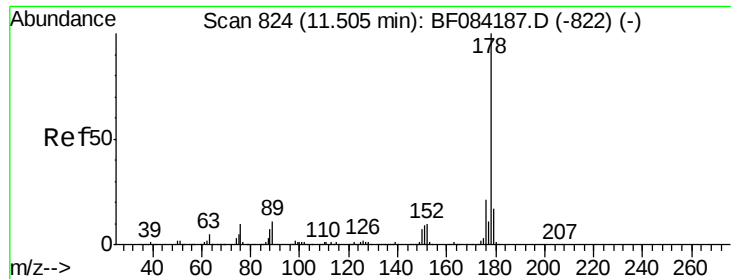
176 21.3 15.3 22.9

179 16.7 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

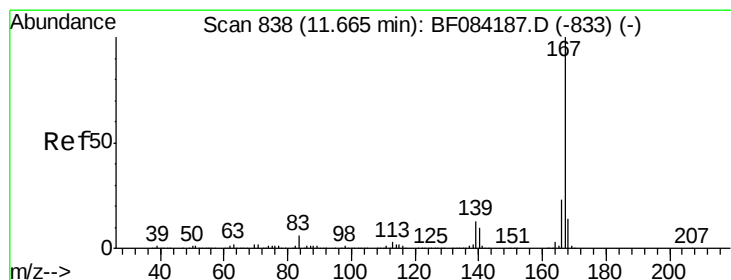
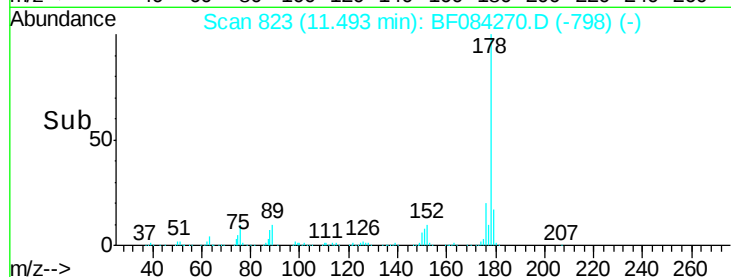
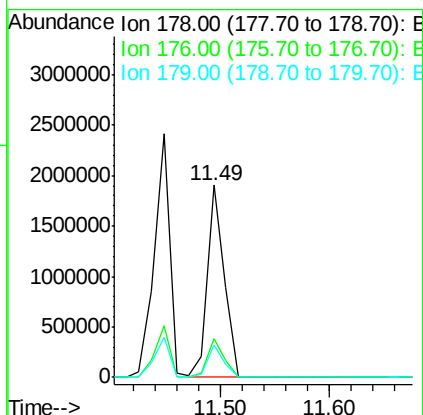
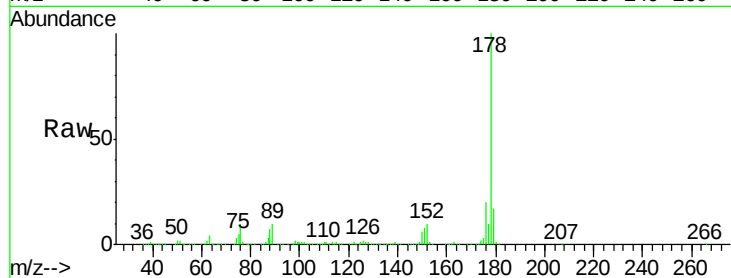




#71
 Anthracene
 Concen: 47.26 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF084270.D
 Acq: 5 Jan 2016 7:21

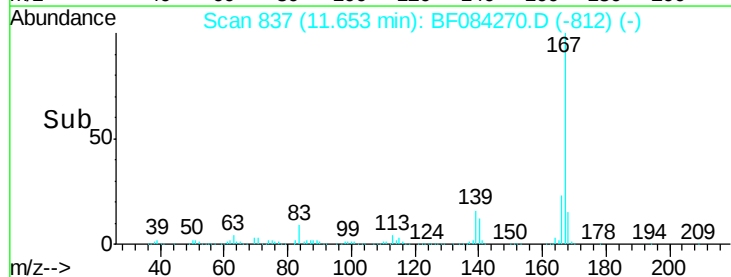
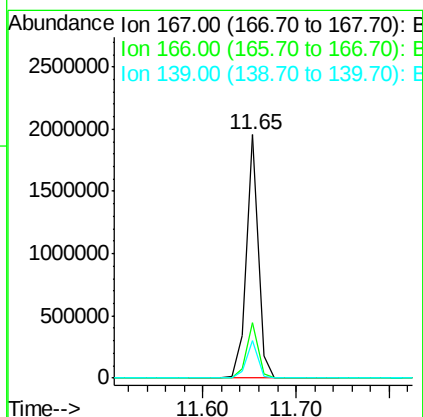
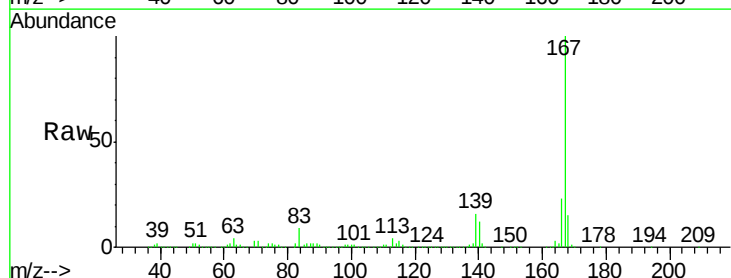
Instrument :
 BNA_F
 ClientSampleId :
 DRUM(116-142)COMPOSITEMS

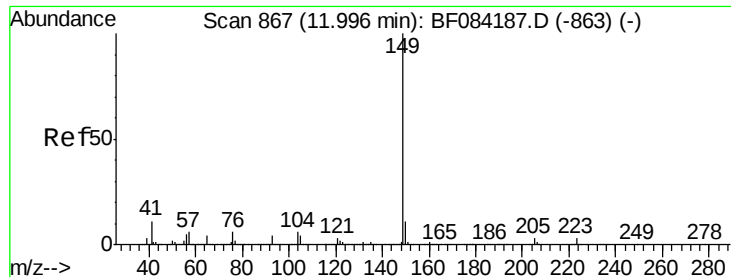
Tgt Ion:178 Resp: 2070630
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.4 23.0
 179 16.9 12.5 18.7



#72
 Carbazole
 Concen: 40.31 ng
 RT: 11.65 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF084270.D
 Acq: 5 Jan 2016 7:21

Tgt Ion:167 Resp: 1726418
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.6 26.4
 139 15.7 11.8 17.8





#73

Di-n-butylphthalate

Concen: 52.56 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITEMS

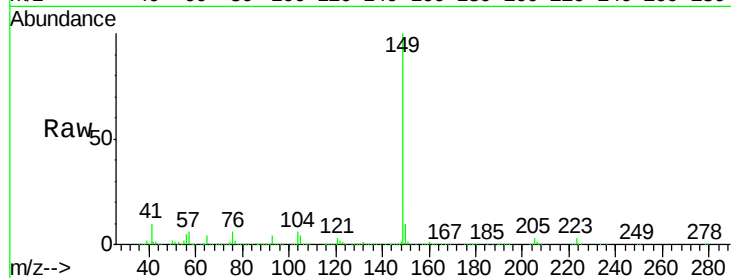
Tgt Ion:149 Resp: 2294685

Ion Ratio Lower Upper

149 100

150 10.3 7.1 10.7

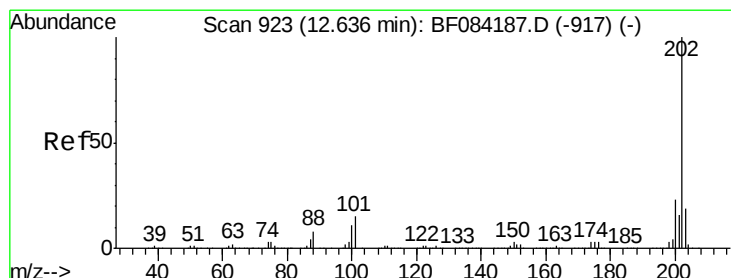
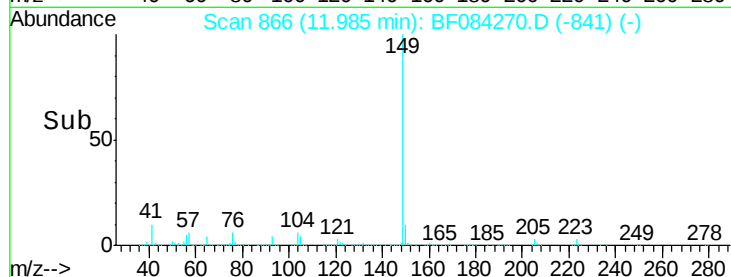
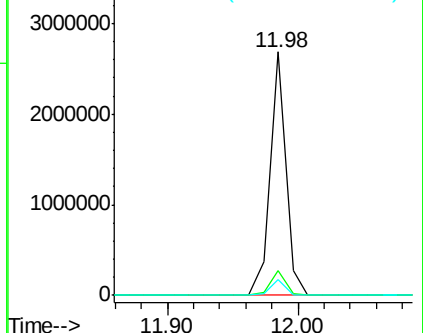
104 6.3 3.2 4.8#



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: 44.47 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

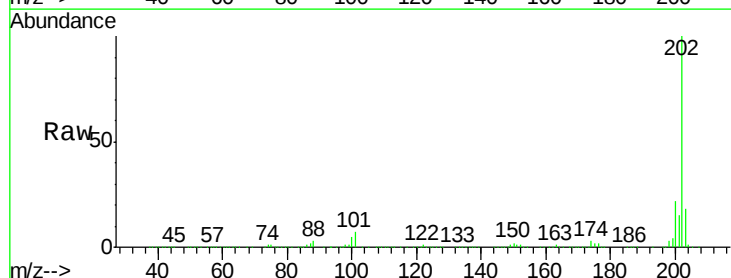
Tgt Ion:202 Resp: 2076109

Ion Ratio Lower Upper

202 100

101 6.7 0.0 32.8

203 18.1 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

