

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
 Data File : BF084662.D
 Acq On : 30 Jan 2016 3:46
 Operator : SJ/IZ
 Sample : H1261-11MS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SCARBOROUGH1516-00(0-4)MS

Quant Time: Jan 30 05:41:52 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	170956	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	668380	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	317423	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	590820	20.00	ng	0.00
75) Chrysene-d12	13.87	240	409650	20.00	ng	0.00
86) Perylene-d12	15.25	264	276099	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1344960	118.76	ng	0.02
7) Phenol-d6	6.38	99	1645672	121.24	ng	0.01
23) Nitrobenzene-d5	7.30	82	1164243	97.35	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	484832	145.73	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1864632	87.31	ng	0.00
78) Terphenyl-d14	12.83	244	1856693	102.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	187387	35.48	ng	# 78
3) Pyridine	3.06	79	236051	16.78	ng	# 78
4) n-Nitrosodimethylamine	2.98	42	264544	38.46	ng	# 84
6) Aniline	6.40	93	67868	3.90	ng	# 1
8) 2-Chlorophenol	6.51	128	508738	40.50	ng	83
10) Phenol	6.40	94	596751	39.45	ng	82
11) bis(2-Chloroethyl)ether	6.48	93	542489	46.11	ng	96
12) 1,3-Dichlorobenzene	6.67	146	521756	38.77	ng	96
13) 1,4-Dichlorobenzene	6.74	146	514862	38.98	ng	98
14) 1,2-Dichlorobenzene	6.90	146	530742	43.64	ng	98
15) Benzyl Alcohol	6.88	79	367094	39.73	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.01	45	798788	39.67	ng	91
17) 2-Methylphenol	7.00	107	429360	44.09	ng	93
18) Hexachloroethane	7.24	117	212446	41.11	ng	# 86
19) n-Nitroso-di-n-propylamine	7.15	70	361953	43.65	ng	# 74
20) 3+4-Methylphenols	7.15	107	518510	43.88	ng	# 66
22) Acetophenone	7.14	105	748300	42.87	ng	# 99
24) Nitrobenzene	7.31	77	509265	40.06	ng	94
25) Isophorone	7.56	82	1043319	46.56	ng	95
26) 2-Nitrophenol	7.63	139	274403	45.39	ng	# 84
27) 2,4-Dimethylphenol	7.68	122	453634	42.82	ng	95
28) bis(2-Chloroethoxy)methane	7.77	93	612637	45.56	ng	99
29) 2,4-Dichlorophenol	7.88	162	451525	48.73	ng	95
30) 1,2,4-Trichlorobenzene	7.95	180	455753	43.02	ng	96
31) Naphthalene	8.03	128	1649568	48.89	ng	100
32) Benzoic acid	7.81	122	319944	39.35	ng	95
34) Hexachlorobutadiene	8.16	225	274594	43.86	ng	99
35) Caprolactam	8.46	113	83306	31.33	ng	# 61
36) 4-Chloro-3-methylphenol	8.59	107	496440	48.67	ng	93
37) 2-Methylnaphthalene	8.73	142	1109260	53.56	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	401724	39.02	ng	99
40) Hexachlorocyclopentadiene	8.88	237	433519	92.62	ng	99
42) 2,4,6-Trichlorophenol	9.01	196	316891	49.55	ng	95
43) 2,4,5-Trichlorophenol	9.06	196	315495	47.79	ng	# 94

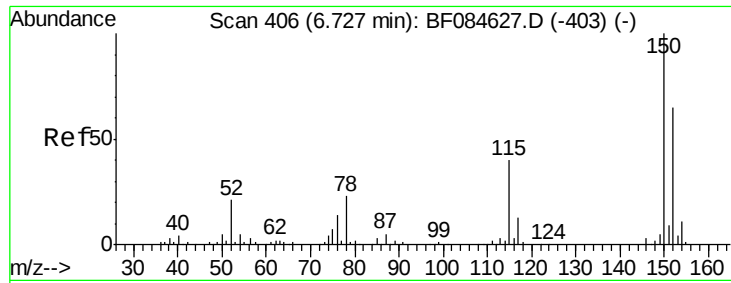
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.20	154	1241069	42.66	ng	95
46) 2-Chloronaphthalene	9.22	162	945369	44.54	ng #	86
47) 2-Nitroaniline	9.31	65	254960	40.00	ng	97
48) Acenaphthylene	9.63	152	1497692	46.57	ng	98
49) Dimethylphthalate	9.50	163	1196809	50.24	ng #	91
50) 2,6-Dinitrotoluene	9.56	165	268404	51.20	ng #	90
51) Acenaphthene	9.80	154	1015677	47.16	ng	97
52) 3-Nitroaniline	9.72	138	22684	4.14	ng	91
53) 2,4-Dinitrophenol	9.84	184	298611	115.45	ng	90
54) Dibenzofuran	9.97	168	1361376	52.97	ng	97
55) 4-Nitrophenol	9.90	139	351977	87.49	ng #	82
56) 2,4-Dinitrotoluene	9.96	165	339609	49.87	ng #	91
57) Fluorene	10.32	166	1049606	48.18	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	265624	53.21	ng	88
59) Diethylphthalate	10.20	149	1168837	50.12	ng	97
60) 4-Chlorophenyl-phenylether	10.30	204	436190	44.60	ng	93
61) 4-Nitroaniline	10.34	138	170862	32.96	ng	84
62) Azobenzene	10.46	77	1126259	50.46	ng	91
64) 4,6-Dinitro-2-methylphenol	10.36	198	173670	45.00	ng #	53
65) n-Nitrosodiphenylamine	10.43	169	695177	36.29	ng	98
66) 4-Bromophenyl-phenylether	10.80	248	329647	49.54	ng #	94
67) Hexachlorobenzene	10.85	284	320201	44.24	ng #	84
68) Atrazine	10.96	200	137159	23.90	ng	96
69) Pentachlorophenol	11.06	266	356426	101.93	ng	100
70) Phenanthrene	11.26	178	1437537	44.00	ng	97
71) Anthracene	11.32	178	1635699	49.24	ng	98
72) Carbazole	11.47	167	816116	28.51	ng	100
73) Di-n-butylphthalate	11.81	149	1602392	46.02	ng #	96
74) Fluoranthene	12.45	202	1655745	51.26	ng	95
76) Benzidine	12.59	184	34603	2.22	ng #	93
77) Pyrene	12.68	202	1643305	53.19	ng	99
79) Butylbenzylphthalate	13.31	149	744026	56.37	ng #	90
80) Benzo(a)anthracene	13.86	228	1195866	46.83	ng	98
82) Chrysene	13.91	228	1208111	48.00	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	926037	54.08	ng #	97
84) Di-n-octyl phthalate	14.48	149	1463411	54.09	ng #	89
85) Indeno(1,2,3-cd)pyrene	16.57	276	911211	40.95	ng	99
87) Benzo(b)fluoranthene	14.90	252	2013788	112.64	ng	97
88) Benzo(k)fluoranthene	14.90	252	2013788	136.37	ng	98
89) Benzo(a)pyrene	15.20	252	858788	55.53	ng #	96
90) Dibenzo(a,h)anthracene	16.58	278	775008	55.61	ng	96
91) Benzo(g,h,i)perylene	16.96	276	768801	54.64	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

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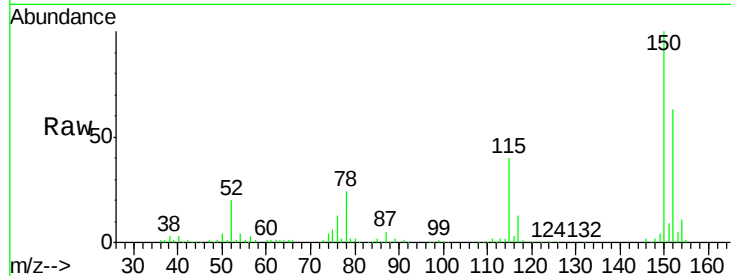
Tgt Ion:152 Resp: 170956

Ion Ratio Lower Upper

152 100

150 157.8 123.0 184.4

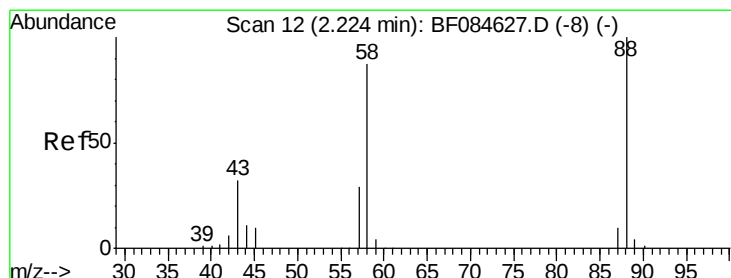
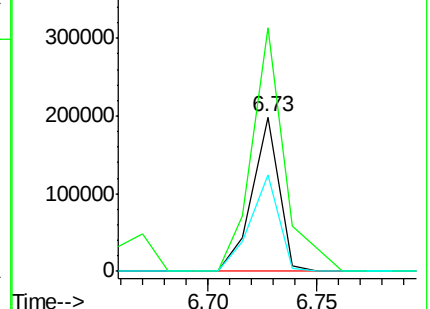
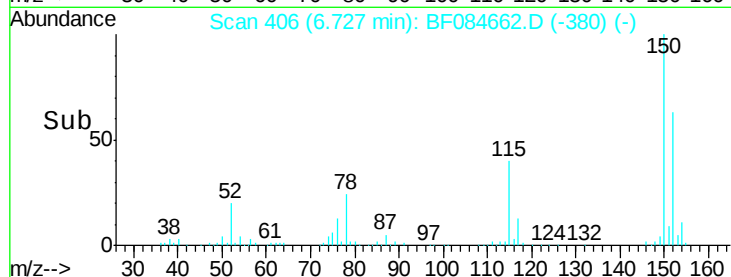
115 62.7 51.4 77.2



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: 35.48 ng

RT: 2.40 min Scan# 27

Delta R.T. 0.17 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

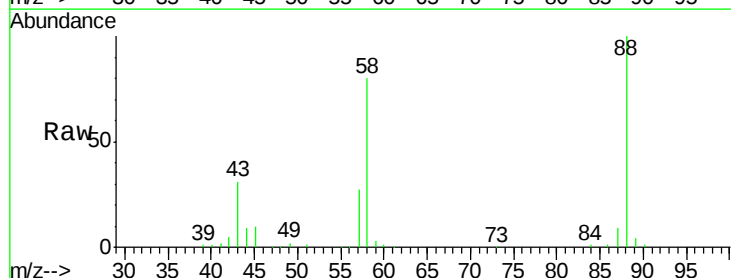
Tgt Ion: 88 Resp: 187387

Ion Ratio Lower Upper

88 100

58 83.8 51.2 76.8#

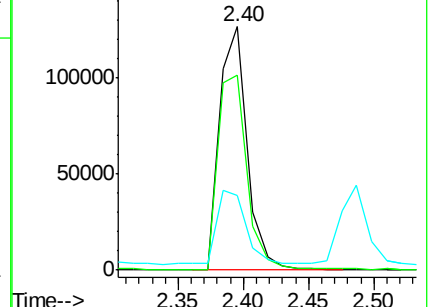
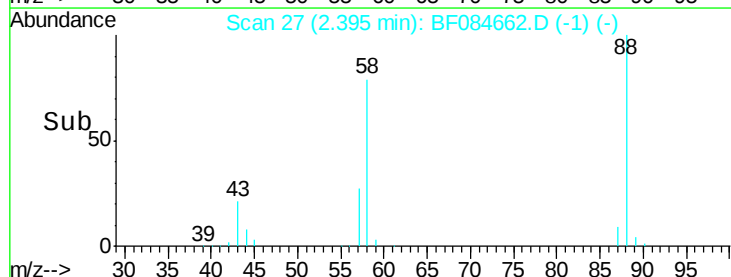
43 31.2 19.5 29.3#

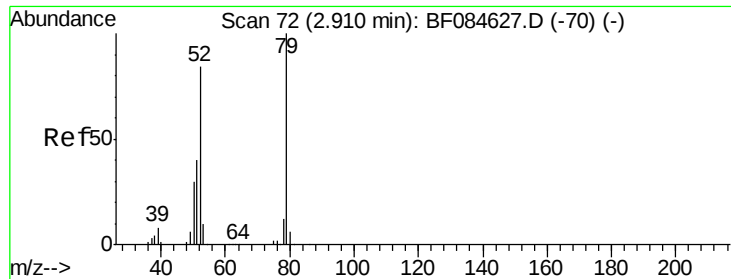


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 16.78 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.15 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

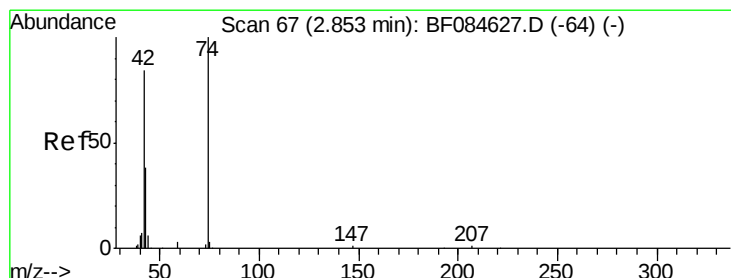
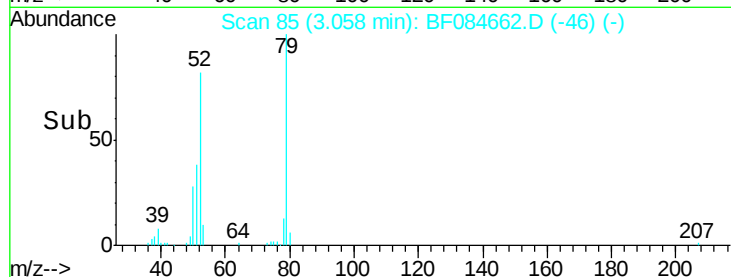
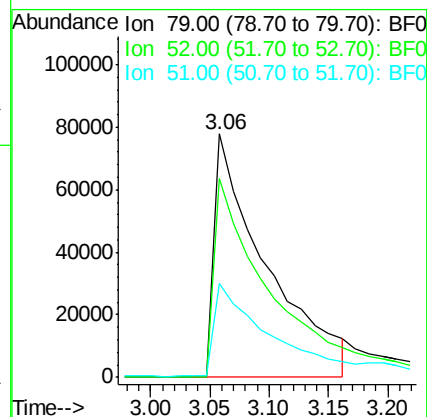
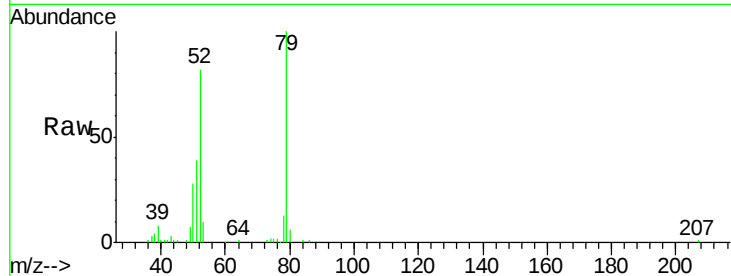
Tgt Ion: 79 Resp: 236051

Ion Ratio Lower Upper

79 100

52 81.7 49.0 73.4#

51 38.5 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 38.46 ng

RT: 2.98 min Scan# 78

Delta R.T. 0.13 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

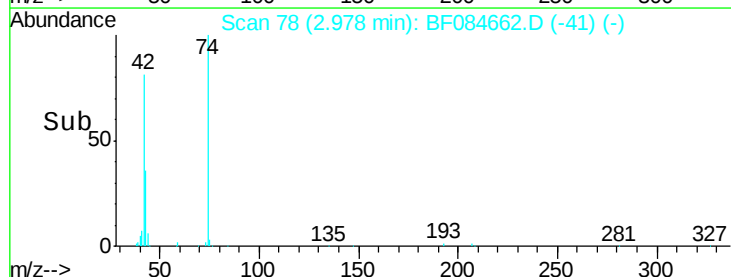
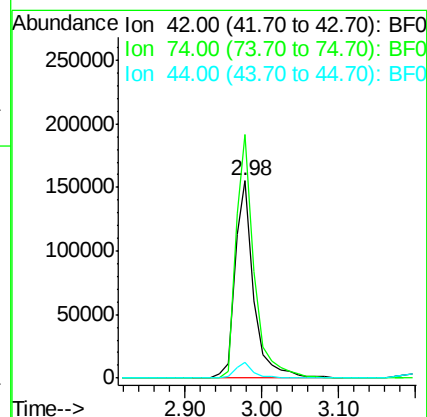
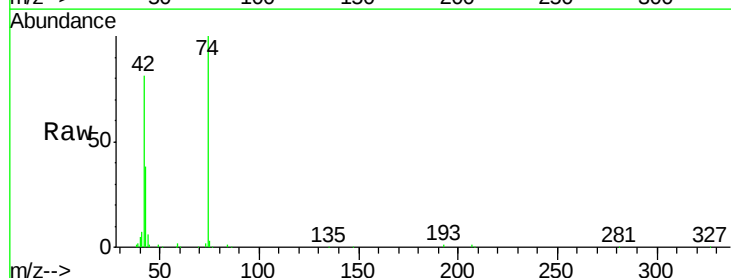
Tgt Ion: 42 Resp: 264544

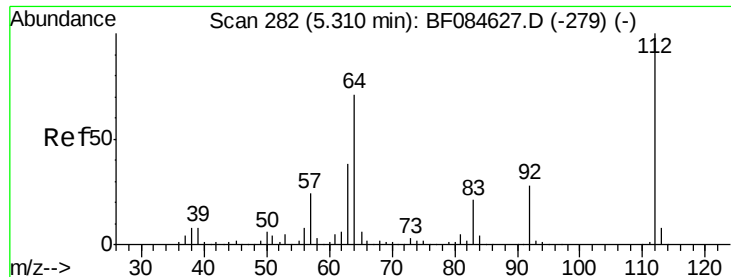
Ion Ratio Lower Upper

42 100

74 123.4 115.7 173.5

44 7.7 5.1 7.7#





#5

2-Fluorophenol

Concen: 118.76 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.02 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

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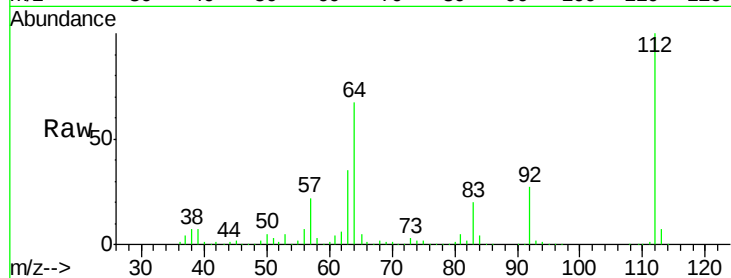
Tgt Ion: 112 Resp: 1344960

Ion Ratio Lower Upper

112 100

64 67.2 36.6 55.0#

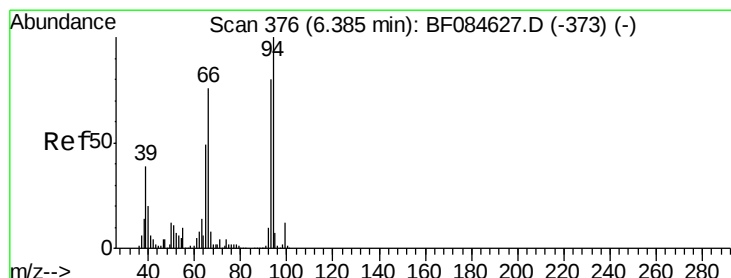
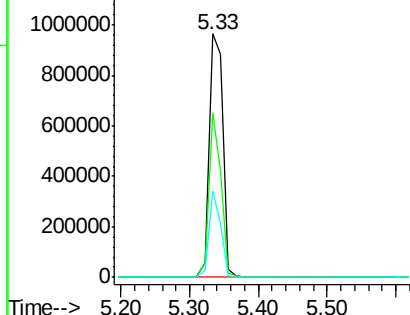
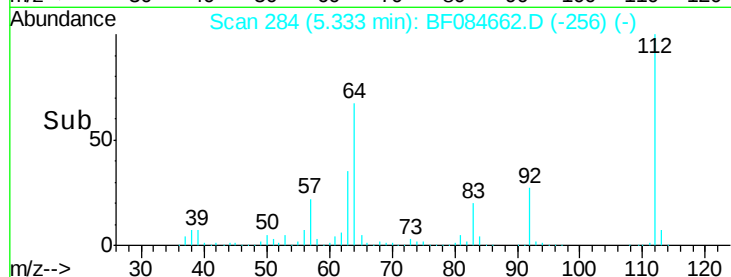
63 35.3 19.4 29.0#



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: 3.90 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

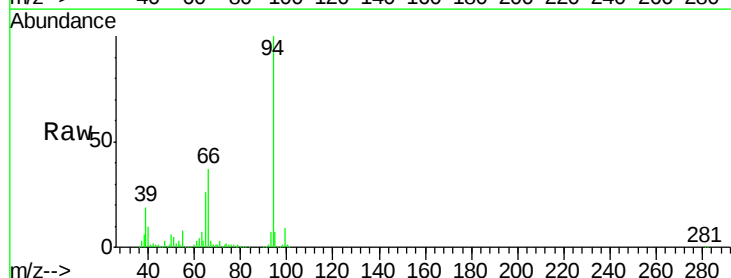
Tgt Ion: 93 Resp: 67868

Ion Ratio Lower Upper

93 100

66 523.7 44.9 67.3#

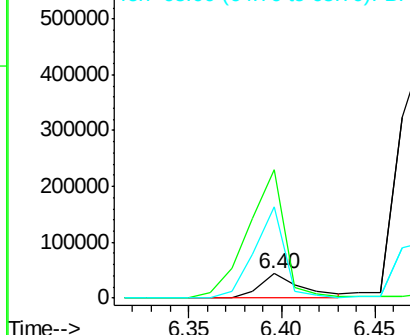
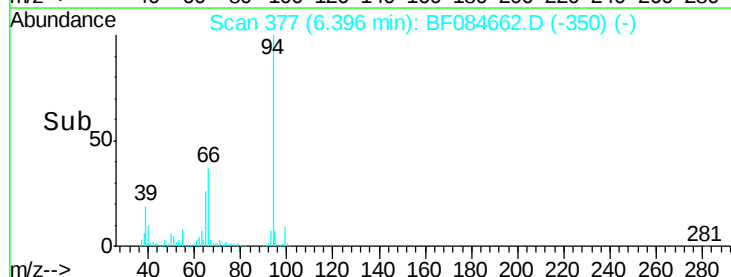
65 373.8 23.7 35.5#

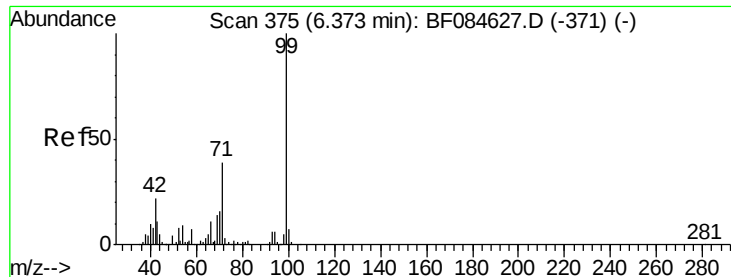


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 121.24 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF084662.D

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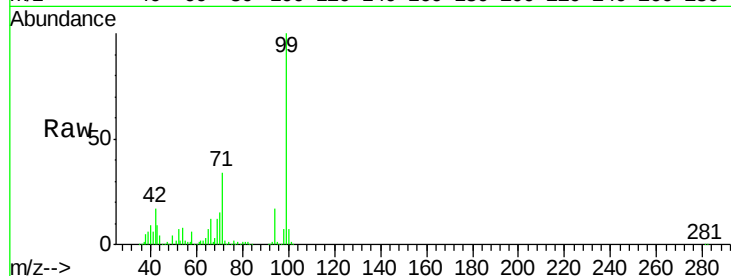
Tgt Ion: 99 Resp: 1645672

Ion Ratio Lower Upper

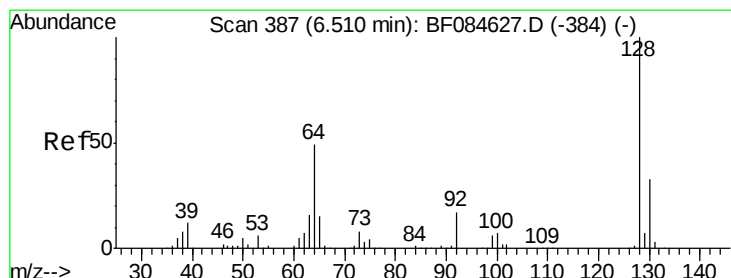
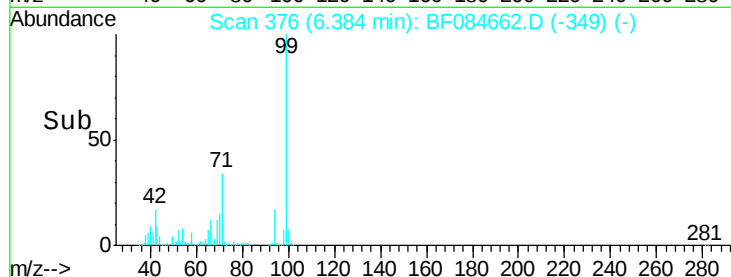
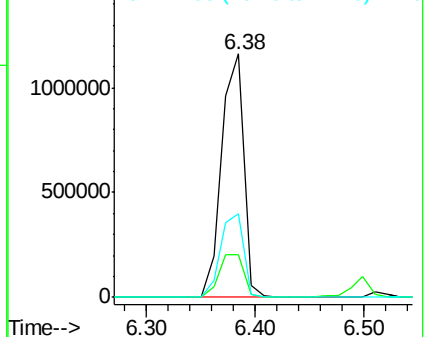
99 100

42 17.4 12.8 19.2

71 34.4 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: 40.50 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

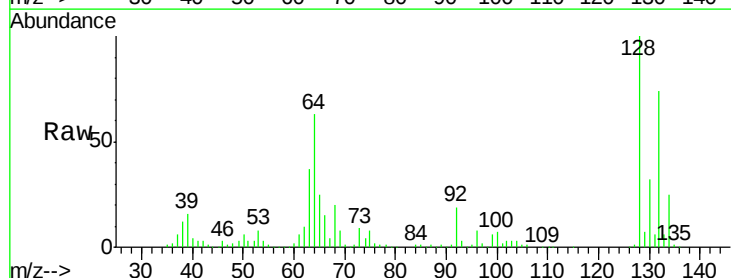
Tgt Ion: 128 Resp: 508738

Ion Ratio Lower Upper

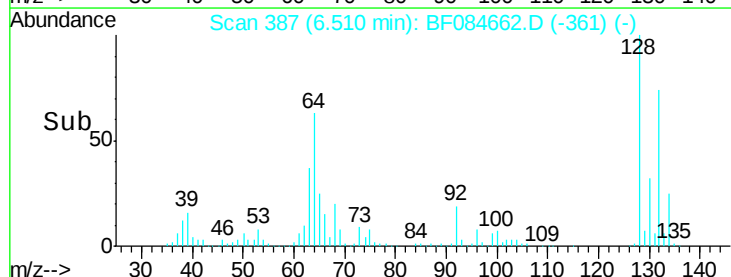
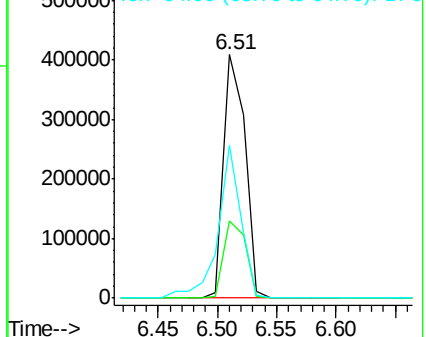
128 100

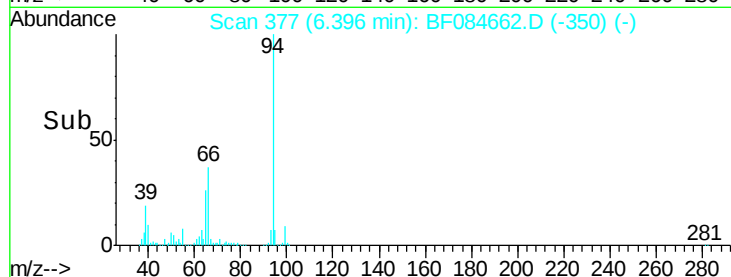
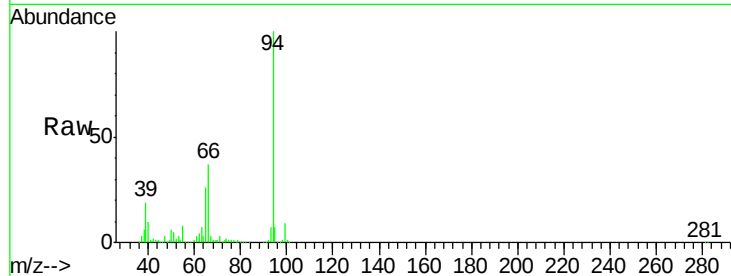
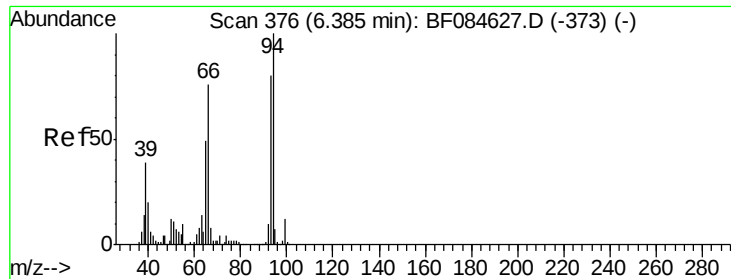
130 31.9 11.6 51.6

64 62.7 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





#10

Phenol

Concen: 39.45 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF084662.D

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ClientSampleId :

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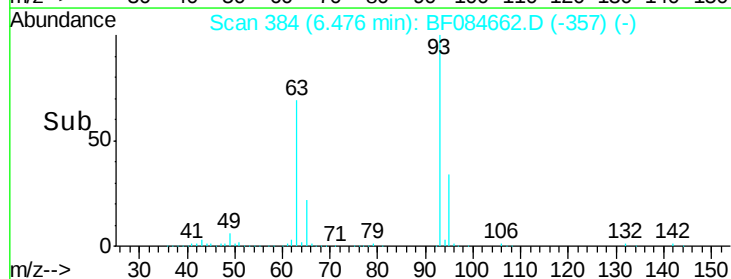
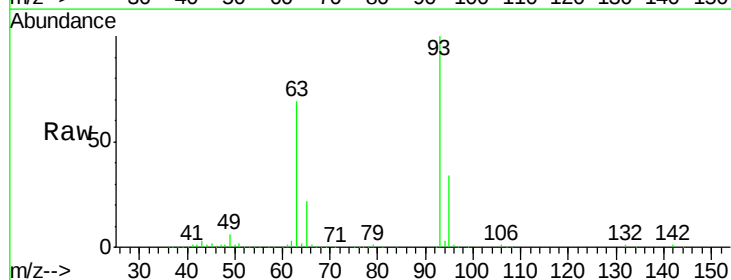
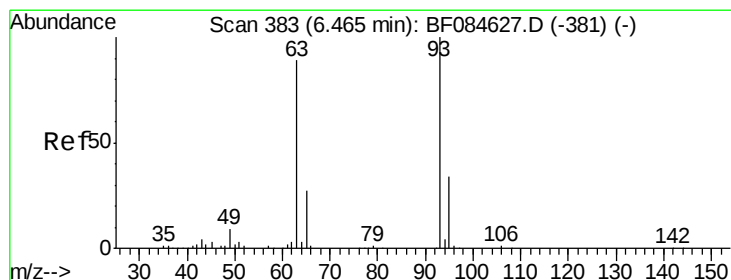
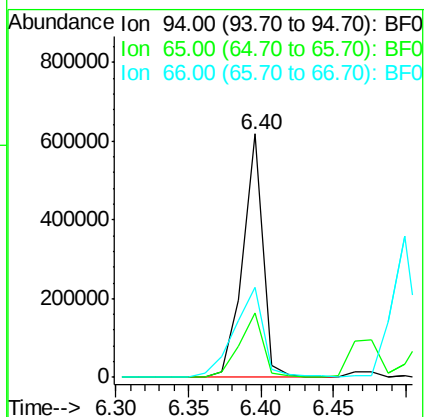
Tgt Ion: 94 Resp: 596751

Ion Ratio Lower Upper

94 100

65 26.5 12.9 52.9

66 37.1 32.7 72.7



#11

bis(2-Chloroethyl)ether

Concen: 46.11 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

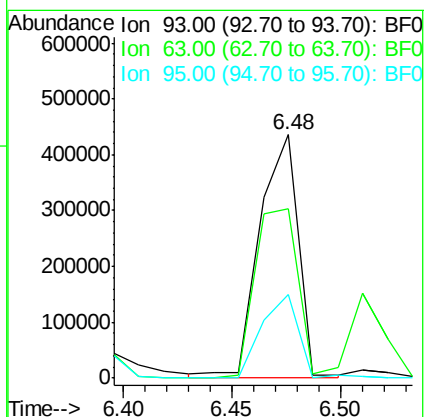
Tgt Ion: 93 Resp: 542489

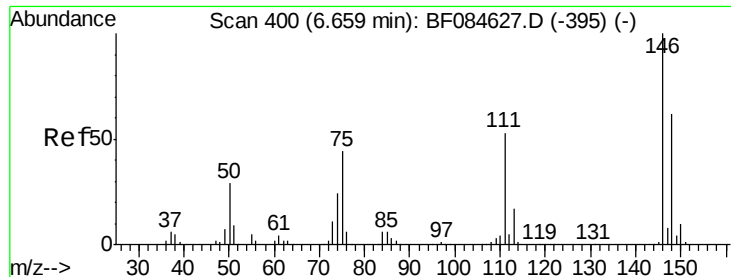
Ion Ratio Lower Upper

93 100

63 69.5 45.9 85.9

95 34.1 12.3 52.3

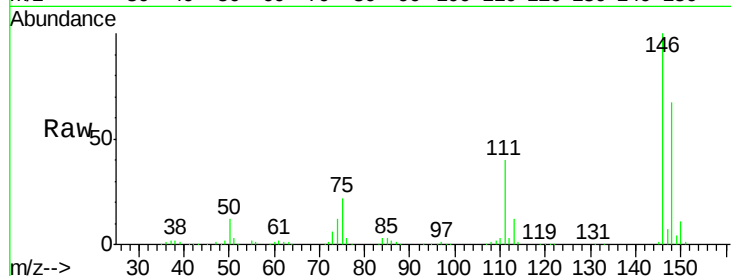




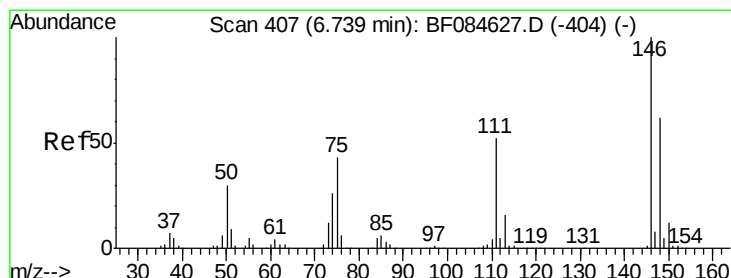
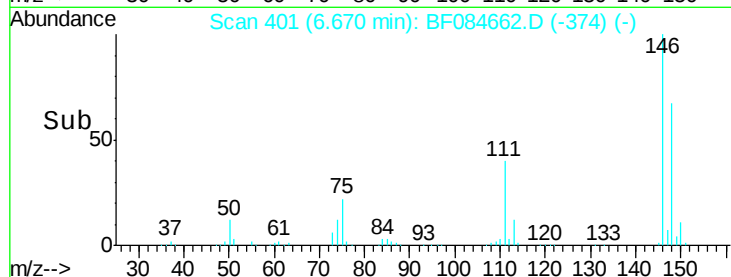
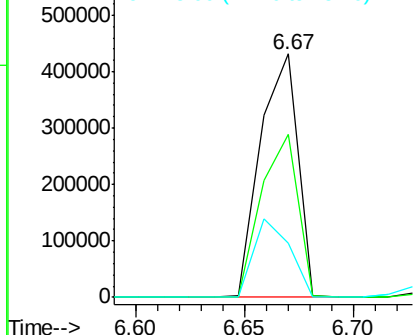
#12
 1,3-Dichlorobenzene
 Concen: 38.77 ng
 RT: 6.67 min Scan# 401
 Delta R.T. 0.01 min
 Lab File: BF084662.D
 Acq: 30 Jan 2016 3:46

Instrument :
 BNA_F
 ClientSampleId :
 SCARBOROUGH1516-00(0-4)MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.8	51.9	77.9
75	22.2	20.5	30.7

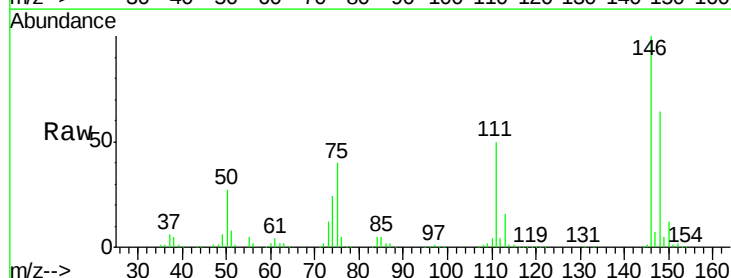


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

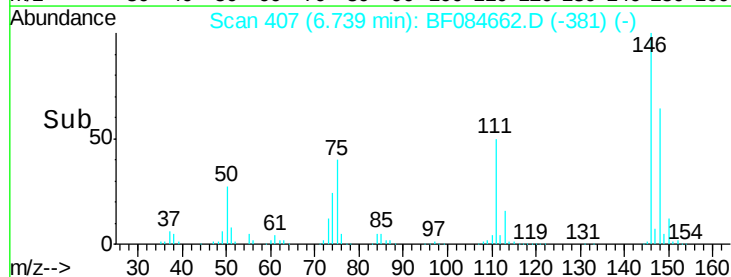
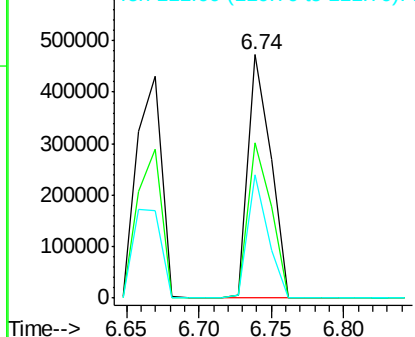


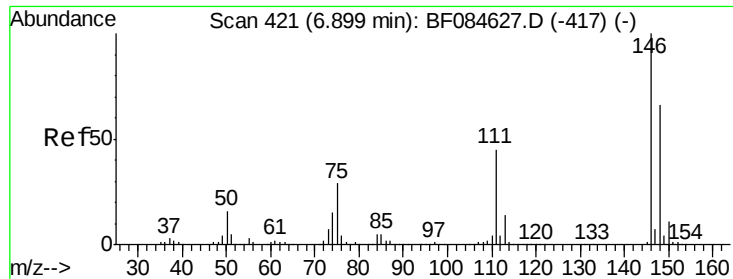
#13
 1,4-Dichlorobenzene
 Concen: 38.98 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.00 min
 Lab File: BF084662.D
 Acq: 30 Jan 2016 3:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.9	77.9
111	50.4	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: 43.64 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

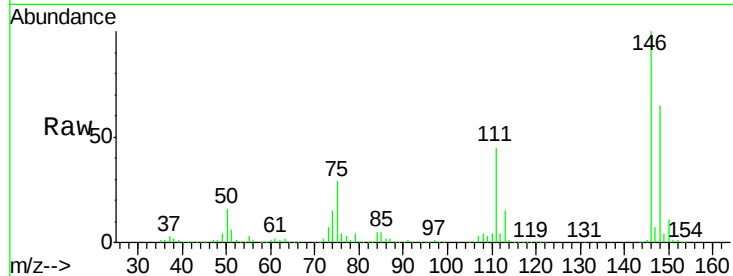
Tgt Ion:146 Resp: 530742

Ion Ratio Lower Upper

146 100

148 64.9 51.6 77.4

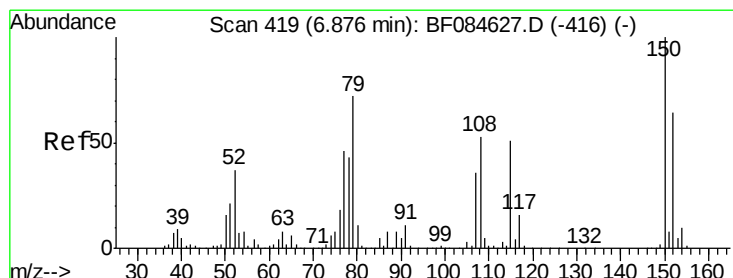
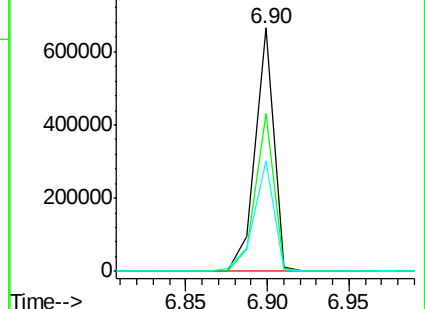
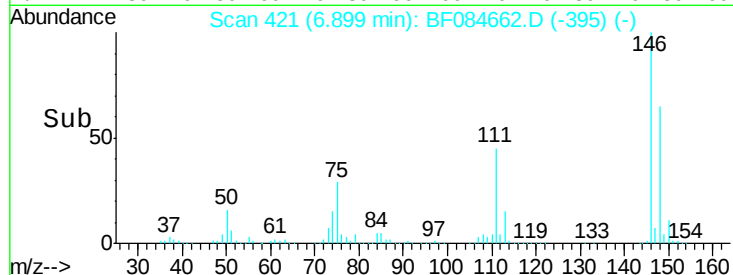
111 45.3 38.0 57.0



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: 39.73 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

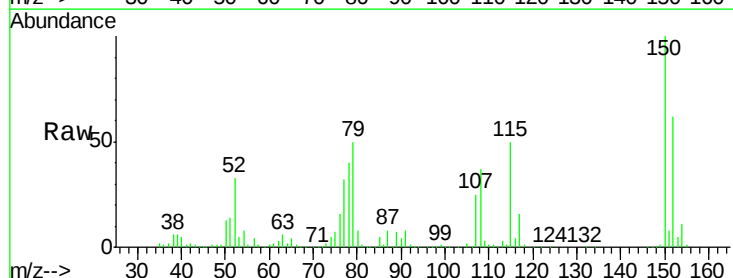
Tgt Ion: 79 Resp: 367094

Ion Ratio Lower Upper

79 100

108 73.5 69.0 103.4

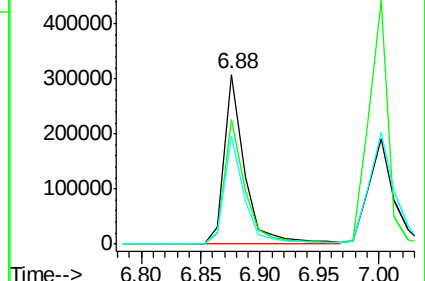
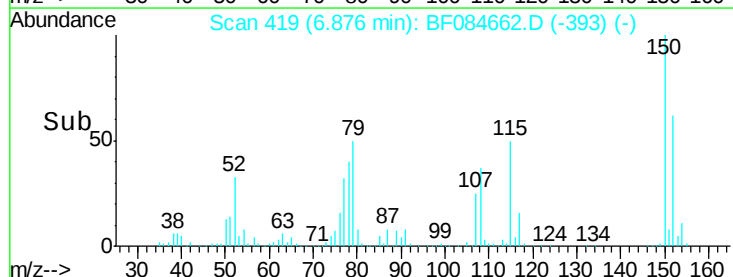
77 63.6 50.0 75.0

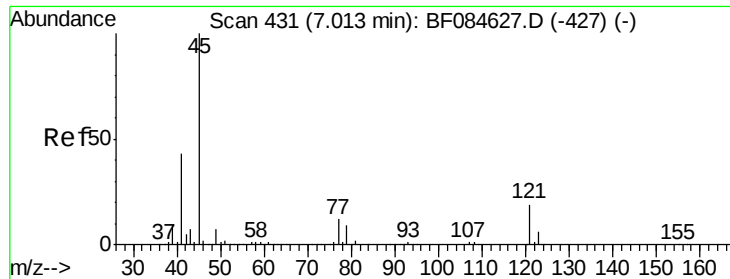


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

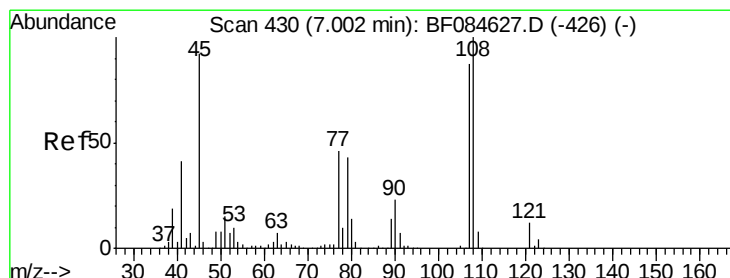
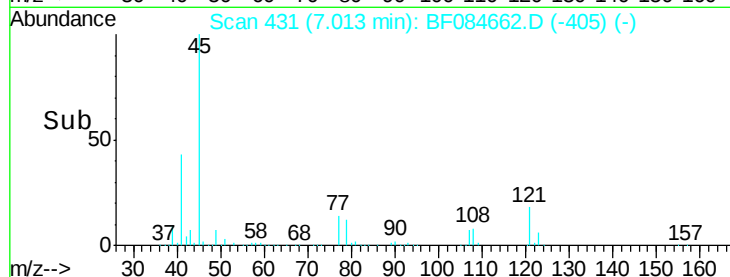
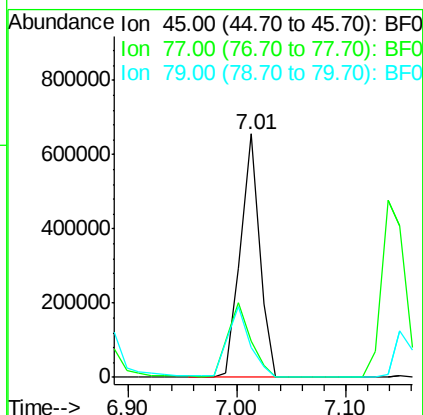
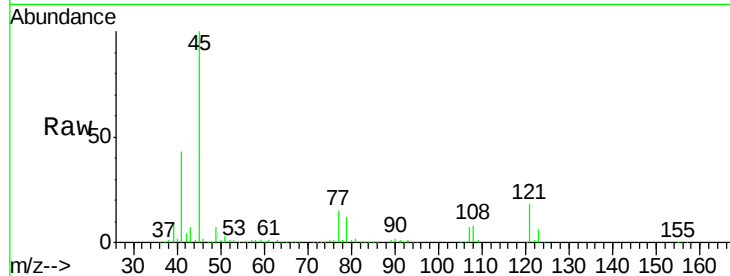




#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.67 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

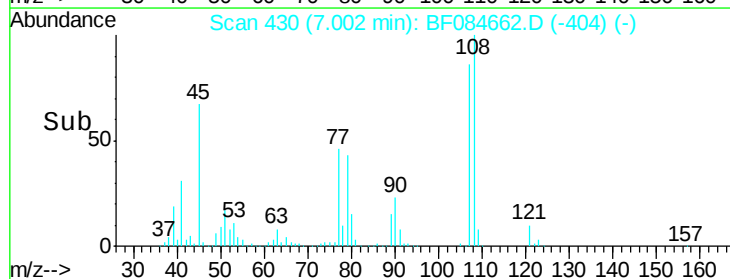
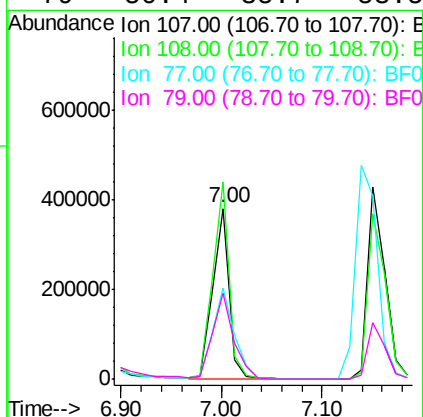
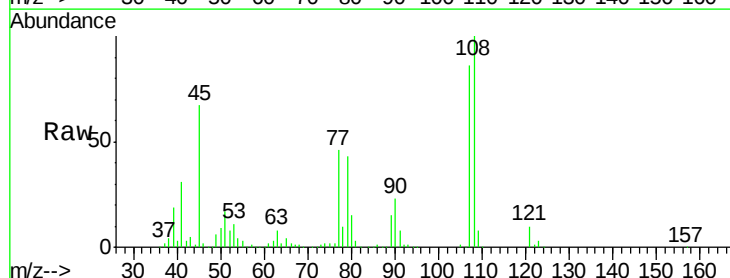
Instrument :
BNA_F
ClientSampleId :
SCARBOROUGH1516-00(0-4)MS

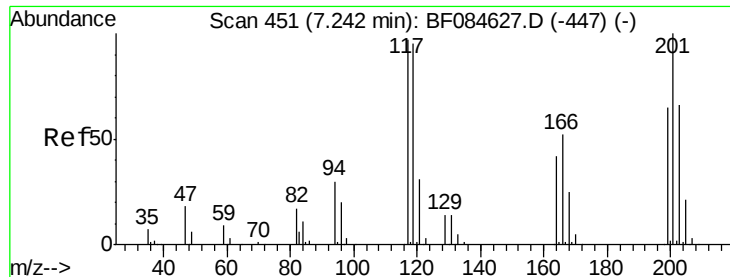
Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	39.6
79	12.3	0.0	35.0



#17
2-Methylphenol
Concen: 44.09 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	116.1	89.8	134.6
77	53.3	35.7	53.5
79	50.4	35.7	53.5





#18

Hexachloroethane

Concen: 41.11 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

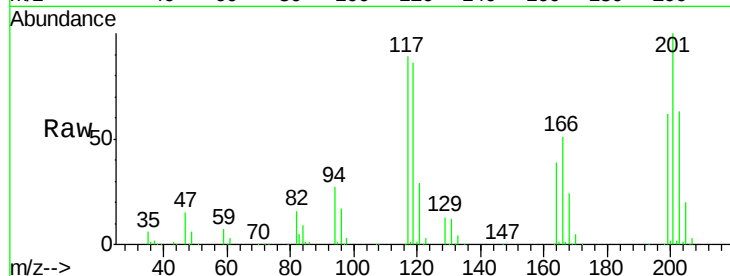
Tgt Ion:117 Resp: 212446

Ion Ratio Lower Upper

117 100

119 96.2 77.4 116.0

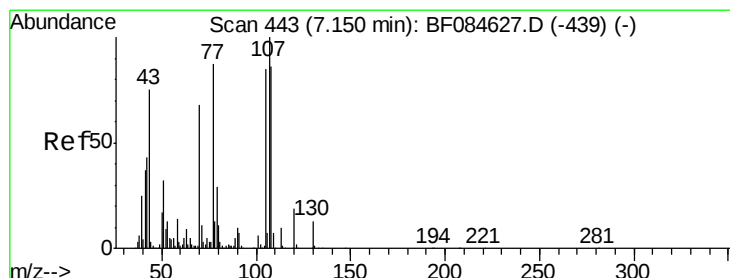
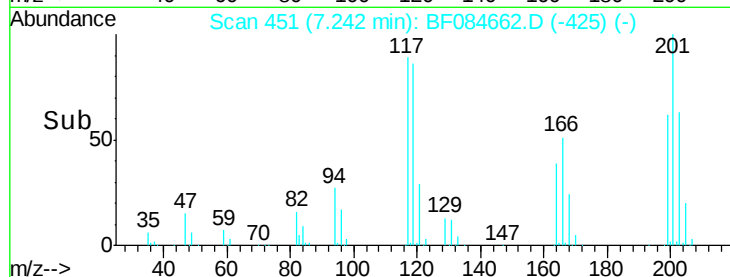
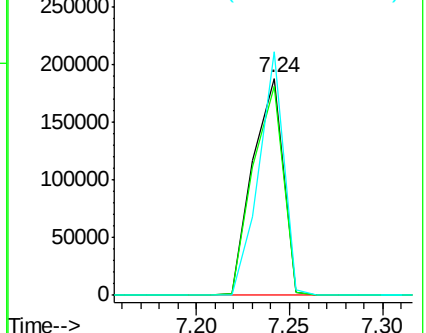
201 112.0 68.6 103.0#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 43.65 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Tgt Ion: 70 Resp: 361953

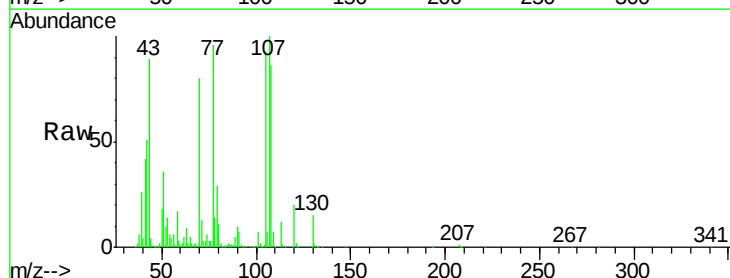
Ion Ratio Lower Upper

70 100

42 63.8 33.3 49.9#

101 9.0 9.3 13.9#

130 18.9 23.4 35.0#

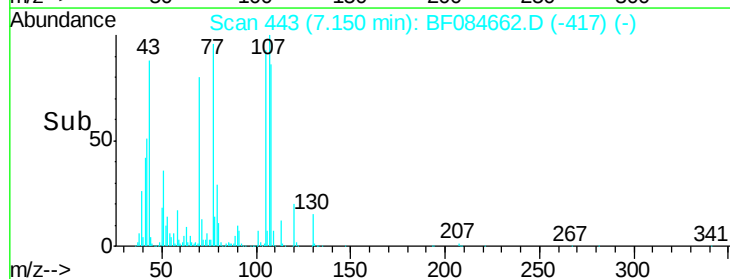
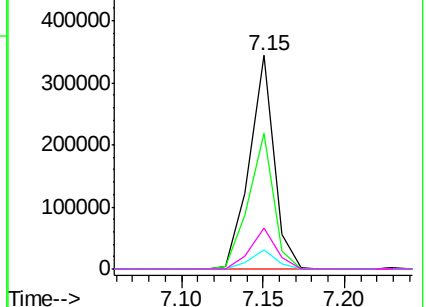


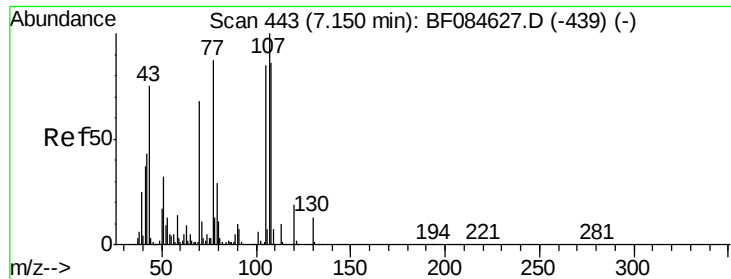
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 43.88 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

Tgt Ion:107 Resp: 518510

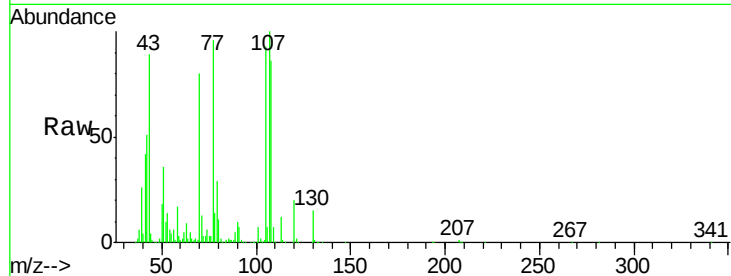
Ion Ratio Lower Upper

107 100

108 86.2 74.6 114.6

77 95.5 0.7 40.7#

79 29.1 0.0 39.0

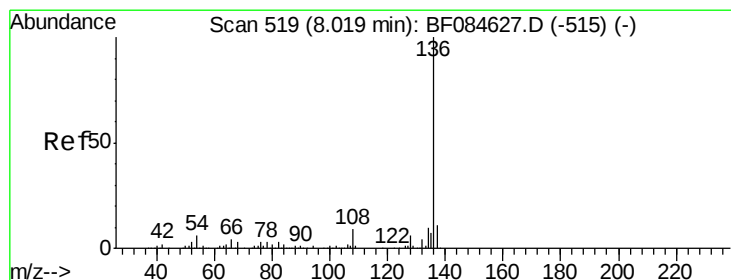
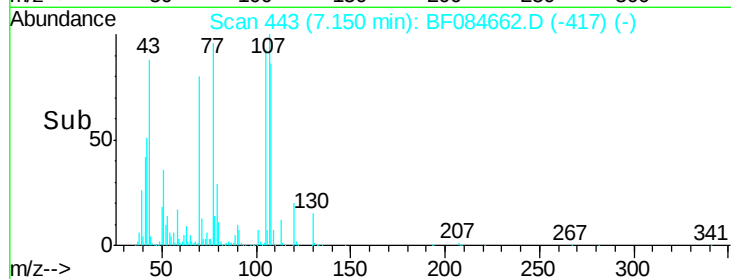
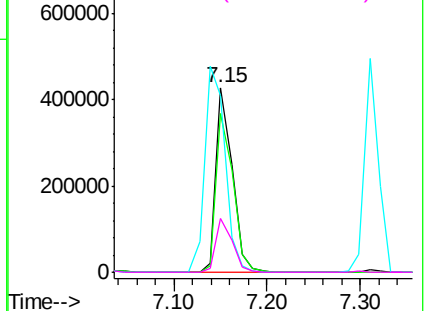


Abundance Ion 107.00 (106.70 to 107.70): E

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: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Tgt Ion:136 Resp: 668380

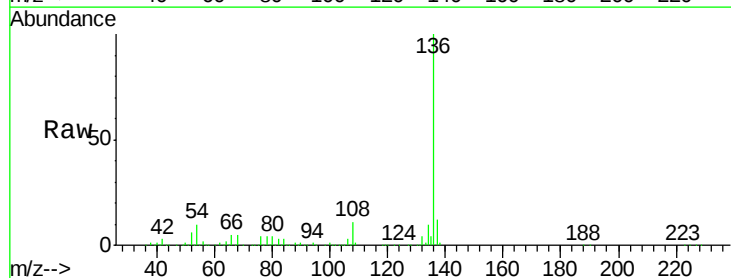
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 10.4 5.8 8.8#

68 5.4 4.2 6.2

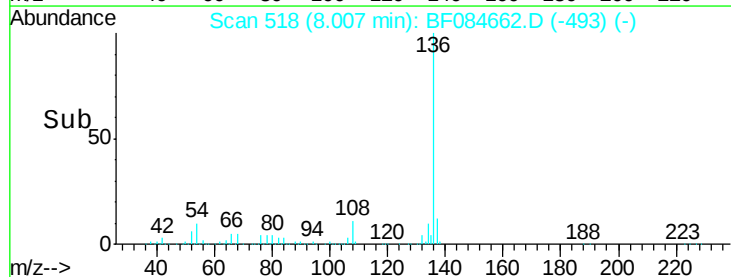
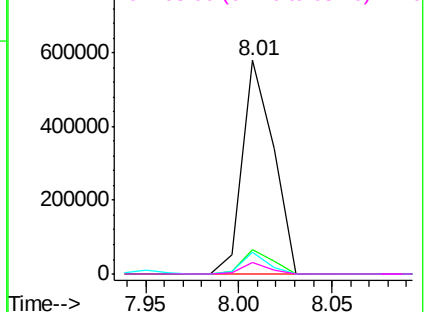


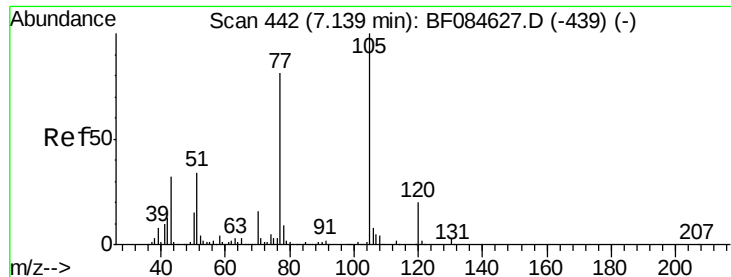
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

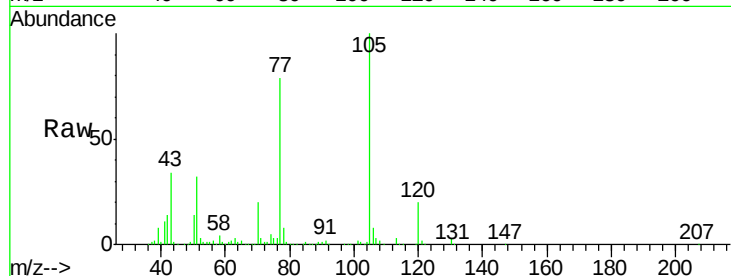




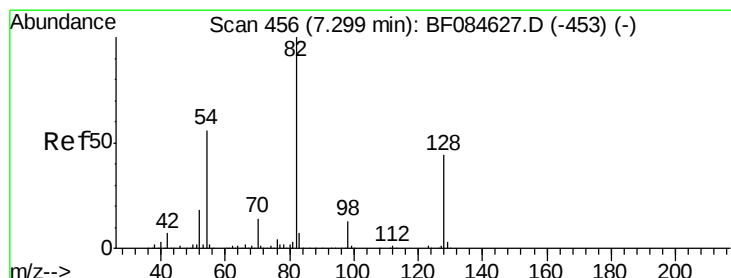
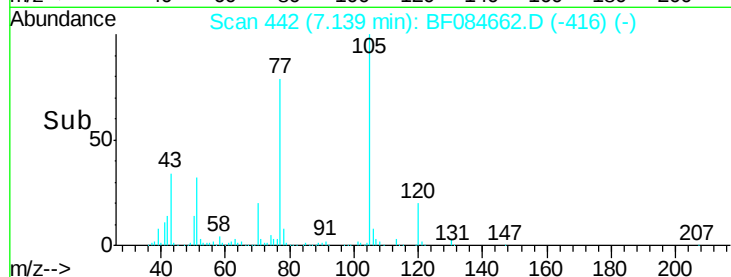
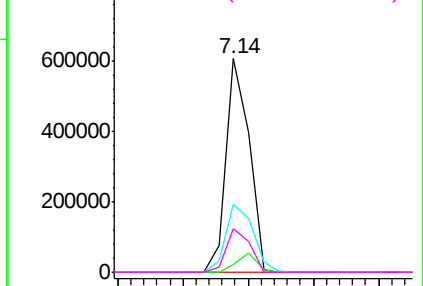
#22
Acetophenone
Concen: 42.87 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

Instrument :
BNA_F
ClientSampleId :
SCARBOROUGH1516-00(0-4)MS

Tgt Ion: 105 Resp: 748300
Ion Ratio Lower Upper
105 100
71 3.5 3.7 5.5#
51 31.6 25.1 37.7
120 20.2 16.6 25.0

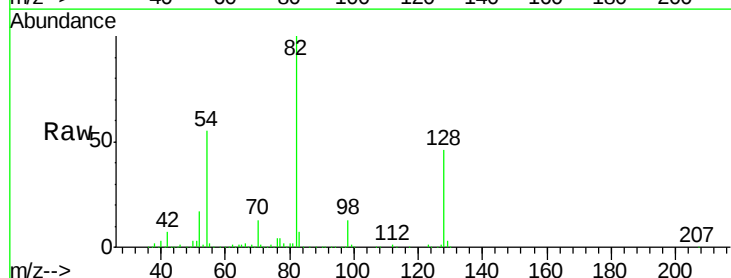


Abundance Ion 105.00 (104.70 to 105.70): E

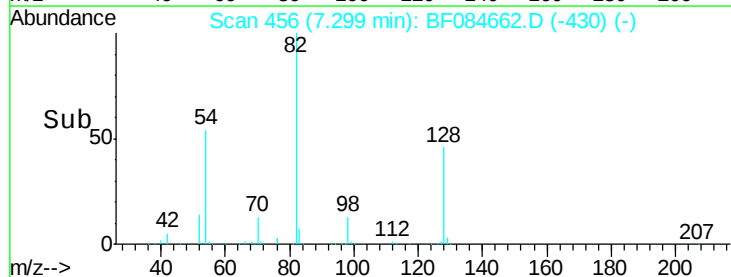
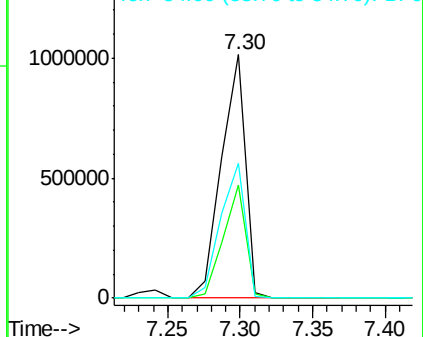


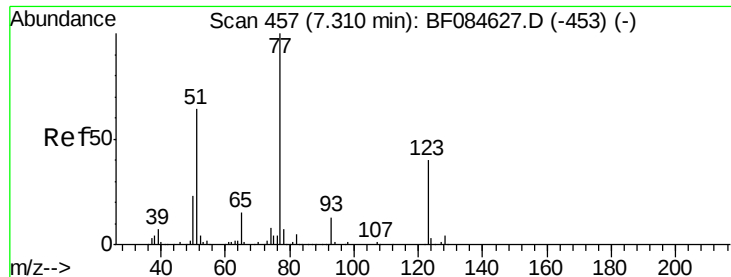
#23
Nitrobenzene-d5
Concen: 97.35 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

Tgt Ion: 82 Resp: 1164243
Ion Ratio Lower Upper
82 100
128 46.2 34.6 51.8
54 55.2 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

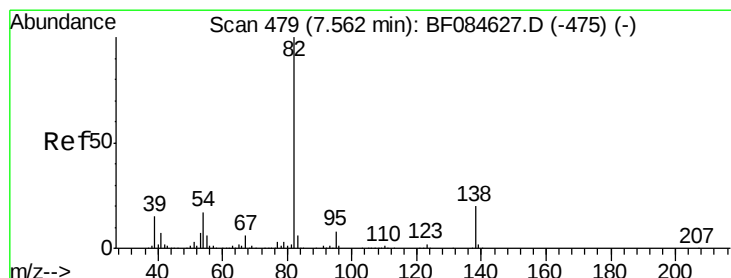
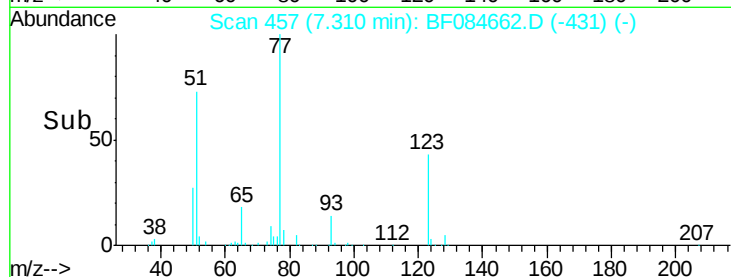
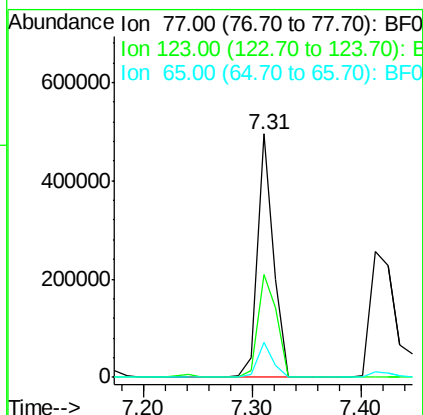
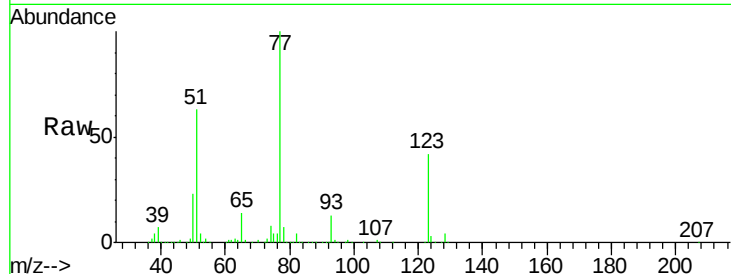




#24
 Nitrobenzene
 Concen: 40.06 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: BF084662.D
 Acq: 30 Jan 2016 3:46

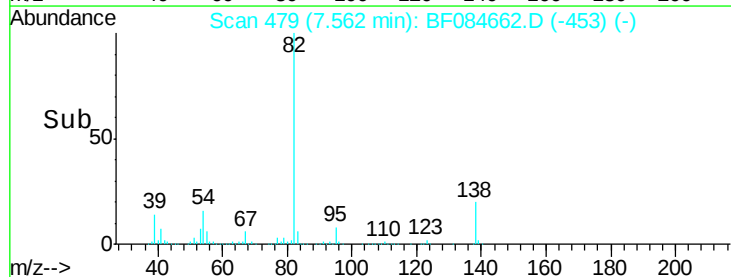
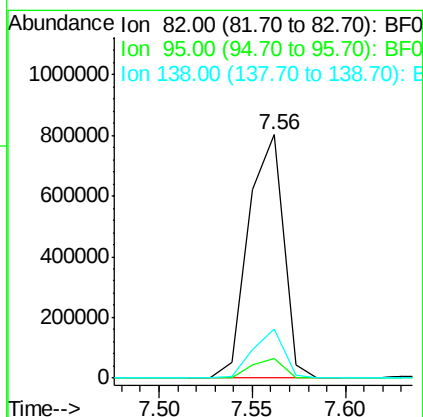
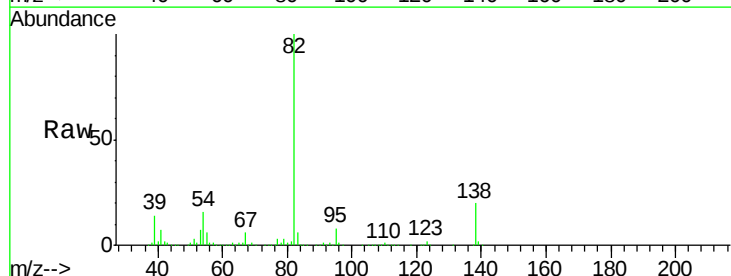
Instrument :
 BNA_F
 ClientSampleId :
 SCARBOROUGH1516-00(0-4)MS

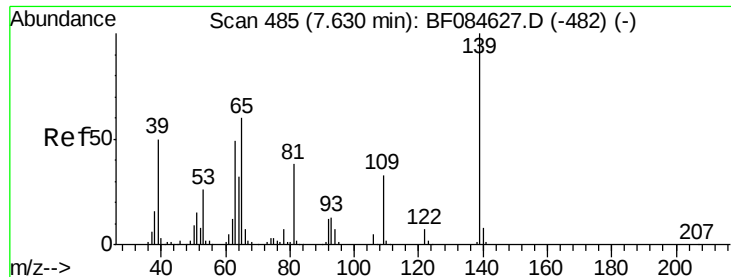
Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.0	37.4	56.2
65	14.5	10.9	16.3



#25
 Isophorone
 Concen: 46.56 ng
 RT: 7.56 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BF084662.D
 Acq: 30 Jan 2016 3:46

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.6	10.0
138	20.1	13.6	20.4

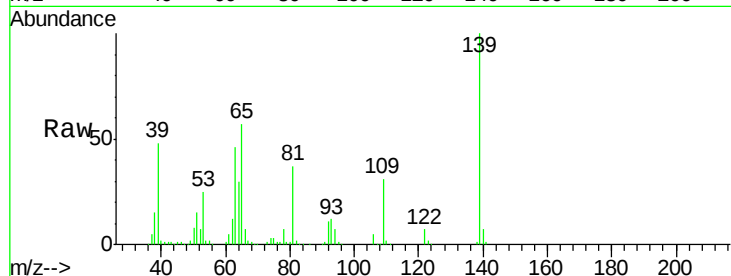




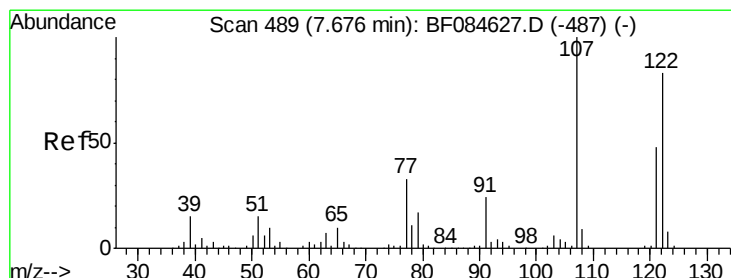
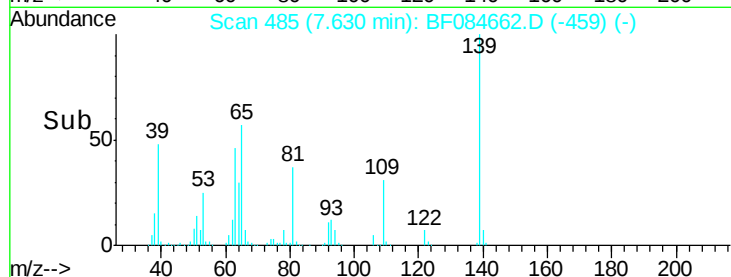
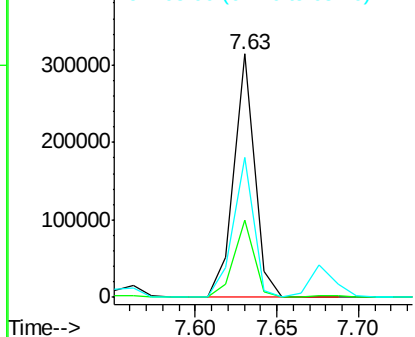
#26
 2-Nitrophenol
 Concen: 45.39 ng
 RT: 7.63 min Scan# 485
 Delta R.T. -0.00 min
 Lab File: BF084662.D
 Acq: 30 Jan 2016 3:46

Instrument :
 BNA_F
 ClientSampleId :
 SCARBOROUGH1516-00(0-4)MS

Tgt Ion	Ratio	Lower	Upper
139	100		
109	31.5	25.4	38.2
65	57.5	32.3	48.5

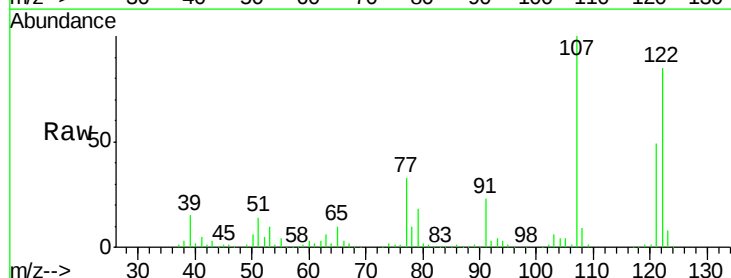


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): E

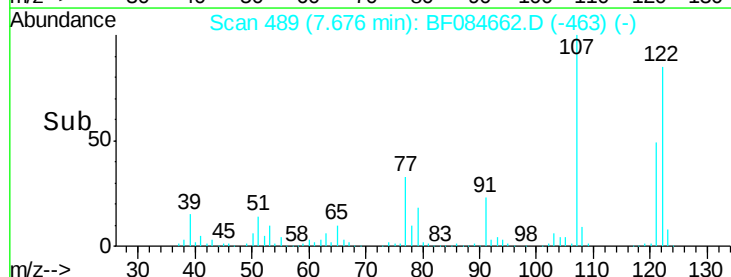
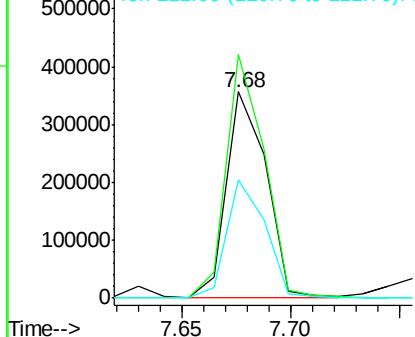


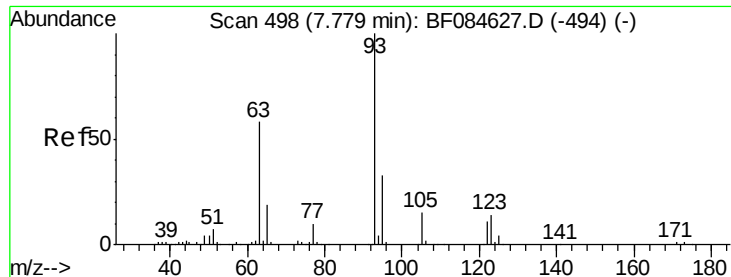
#27
 2,4-Dimethylphenol
 Concen: 42.82 ng
 RT: 7.68 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: BF084662.D
 Acq: 30 Jan 2016 3:46

Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.1	99.1	148.7
121	57.4	47.9	71.9



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

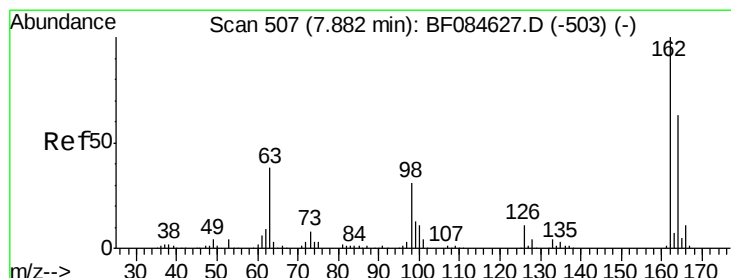
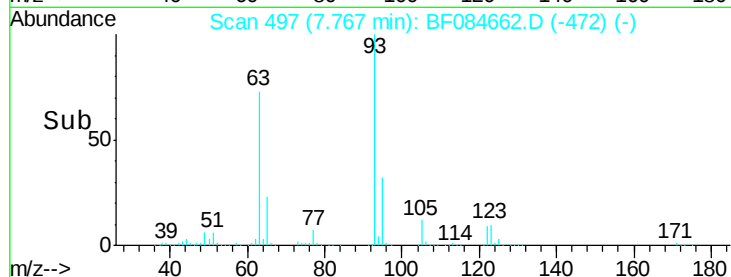
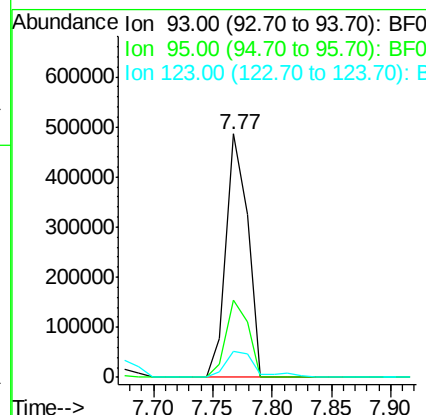
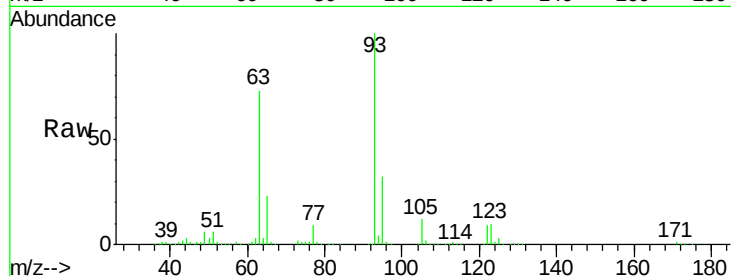




#28
bis(2-Chloroethoxy)methane
Concen: 45.56 ng
RT: 7.77 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

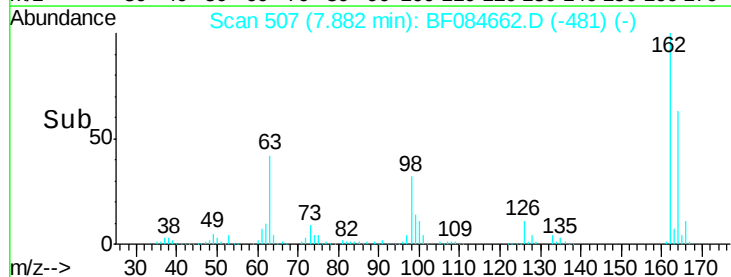
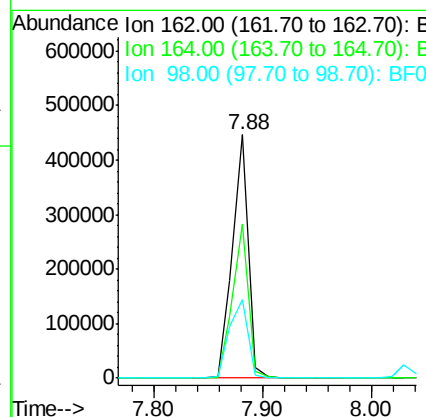
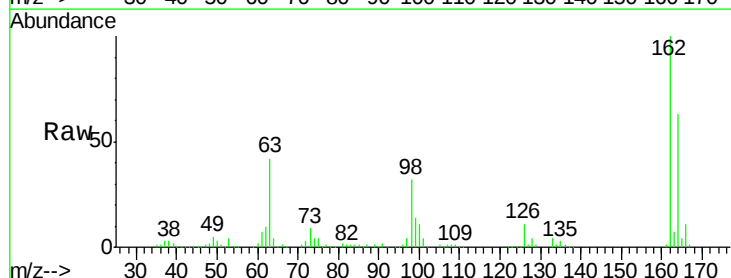
Instrument :
BNA_F
ClientSampleId :
SCARBOROUGH1516-00(0-4)MS

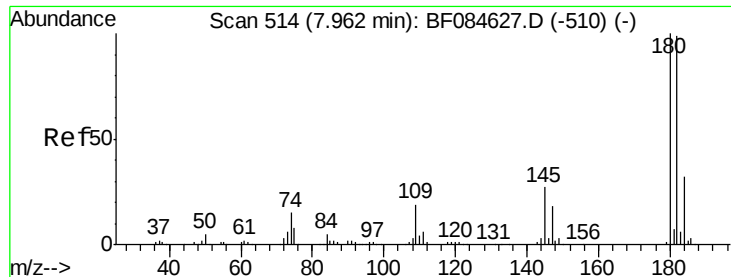
Tgt Ion: 93 Resp: 612637
Ion Ratio Lower Upper
93 100
95 31.9 25.8 38.6
123 10.5 8.6 12.8



#29
2,4-Dichlorophenol
Concen: 48.73 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

Tgt Ion: 162 Resp: 451525
Ion Ratio Lower Upper
162 100
164 63.4 44.1 84.1
98 32.5 20.2 60.2

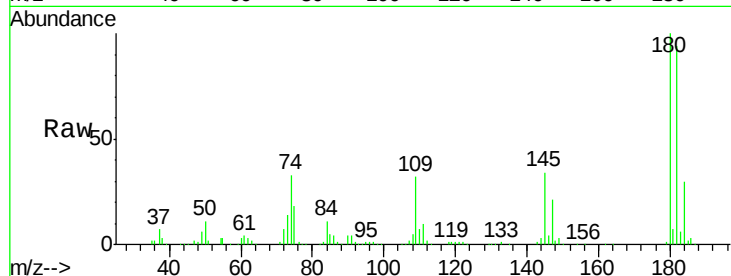




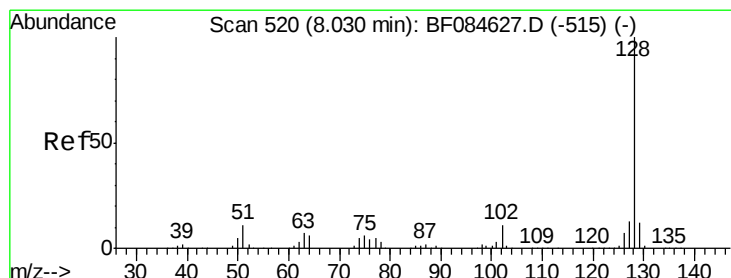
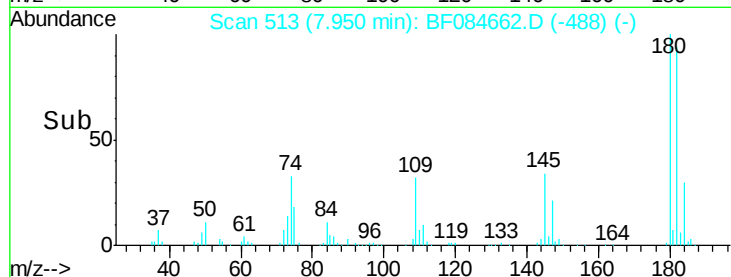
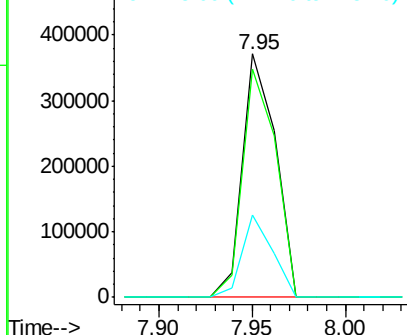
#30
 1,2,4-Trichlorobenzene
 Concen: 43.02 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF084662.D
 Acq: 30 Jan 2016 3:46

Instrument :
 BNA_F
 ClientSampleId :
 SCARBOROUGH1516-00(0-4)MS

Tgt Ion:180 Resp: 455753
 Ion Ratio Lower Upper
 180 100
 182 93.8 76.4 114.6
 145 33.6 31.6 47.4

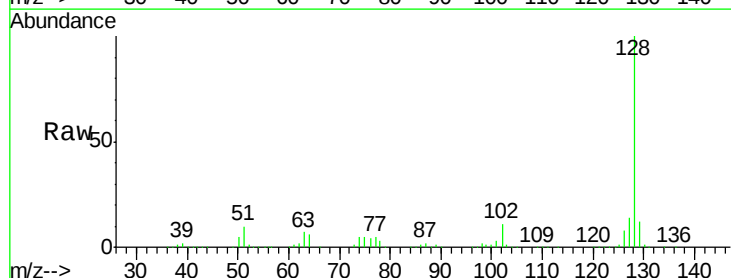


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

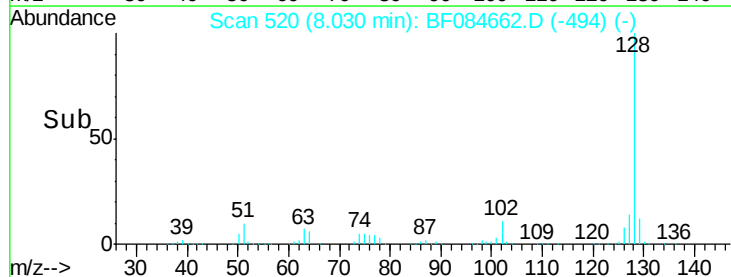
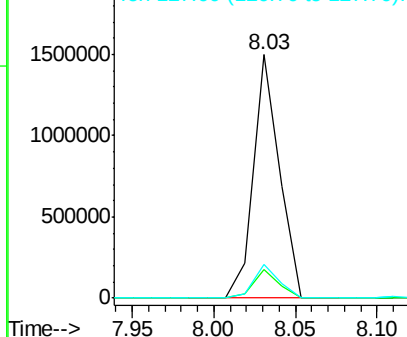


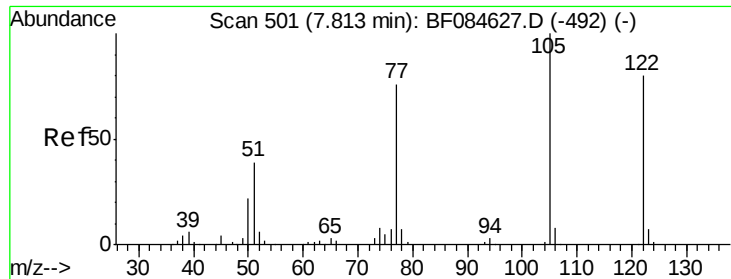
#31
 Naphthalene
 Concen: 48.89 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF084662.D
 Acq: 30 Jan 2016 3:46

Tgt Ion:128 Resp: 1649568
 Ion Ratio Lower Upper
 128 100
 129 11.7 9.1 13.7
 127 13.8 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

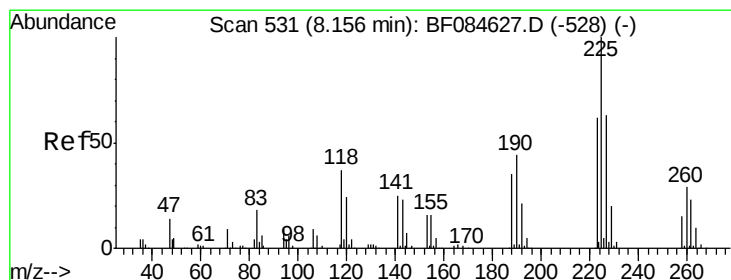
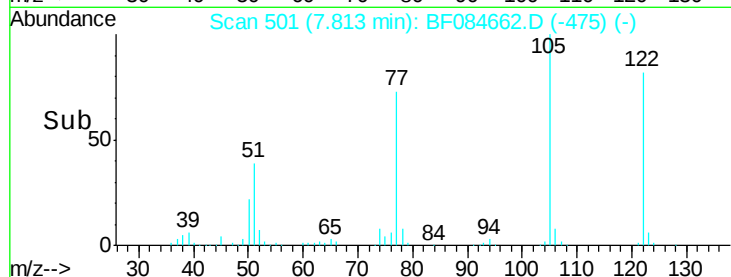
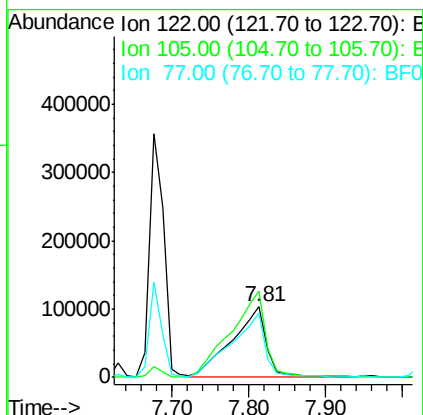
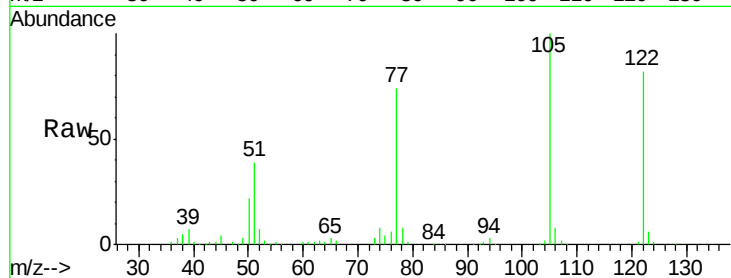




#32
Benzoic acid
Concen: 39.35 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.00 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

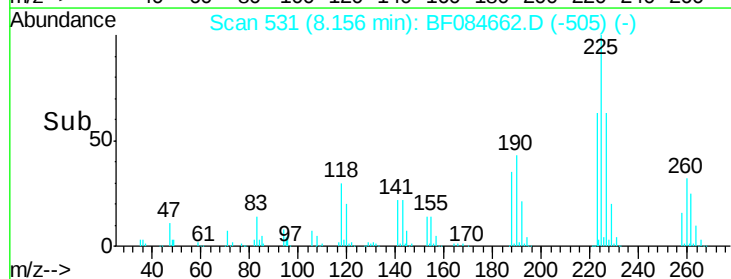
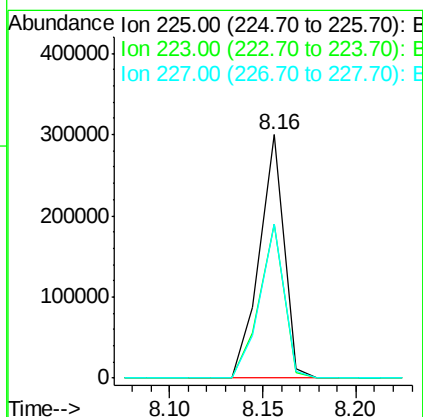
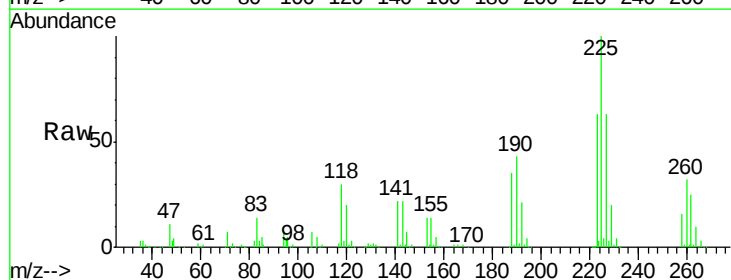
Instrument :
BNA_F
ClientSampleId :
SCARBOROUGH1516-00(0-4)MS

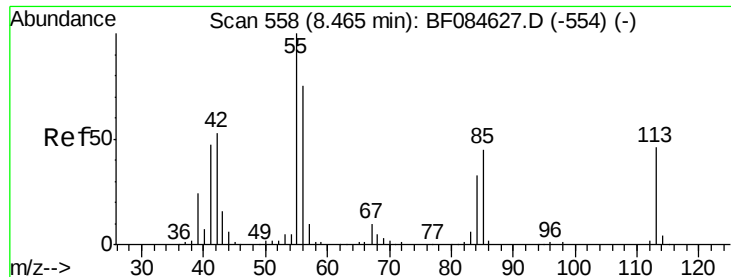
Tgt Ion:122 Resp: 319944
Ion Ratio Lower Upper
122 100
105 122.6 100.3 140.3
77 91.0 63.5 103.5



#34
Hexachlorobutadiene
Concen: 43.86 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

Tgt Ion:225 Resp: 274594
Ion Ratio Lower Upper
225 100
223 63.3 49.4 74.0
227 63.2 50.8 76.2





#35

Caprolactam

Concen: 31.33 ng

RT: 8.46 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

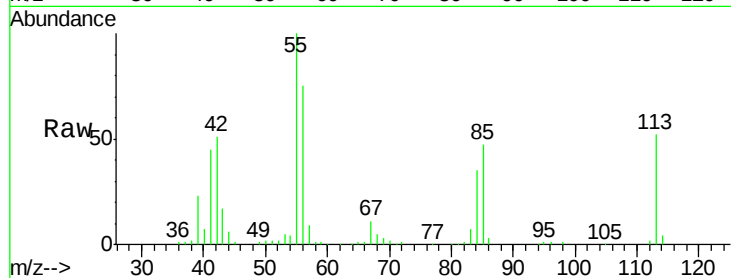
Tgt Ion:113 Resp: 83306

Ion Ratio Lower Upper

113 100

55 193.6 116.9 156.9#

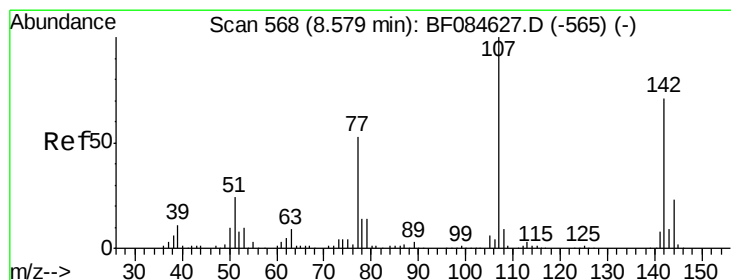
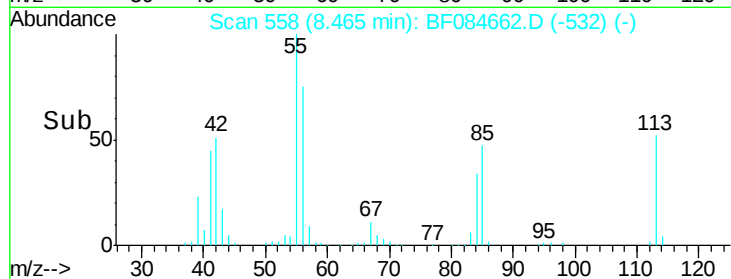
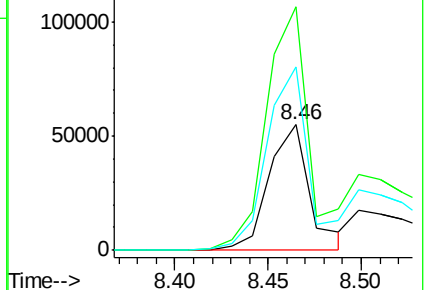
56 145.5 93.8 133.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 48.67 ng

RT: 8.59 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

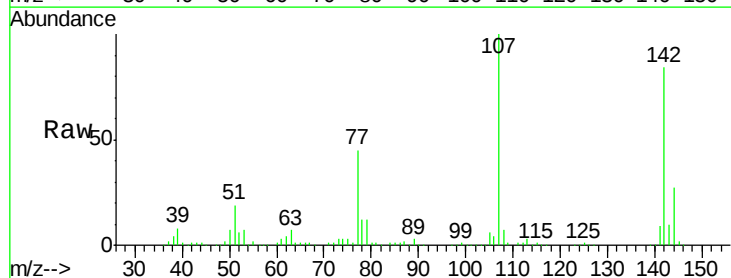
Tgt Ion:107 Resp: 496440

Ion Ratio Lower Upper

107 100

144 26.6 19.7 29.5

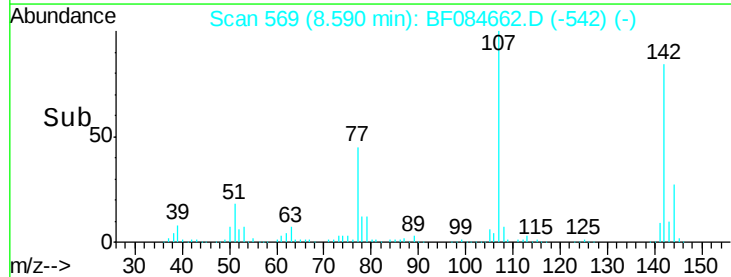
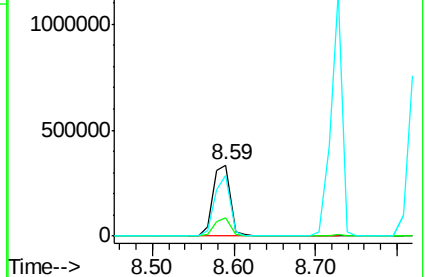
142 84.1 61.8 92.6

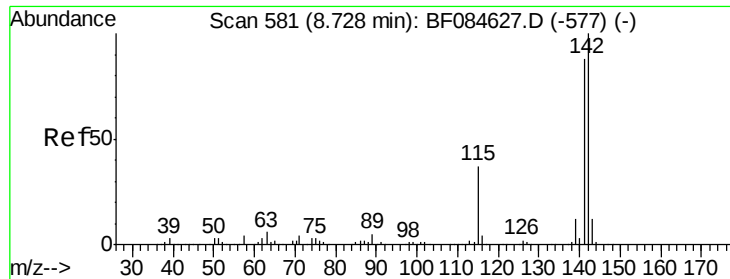


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

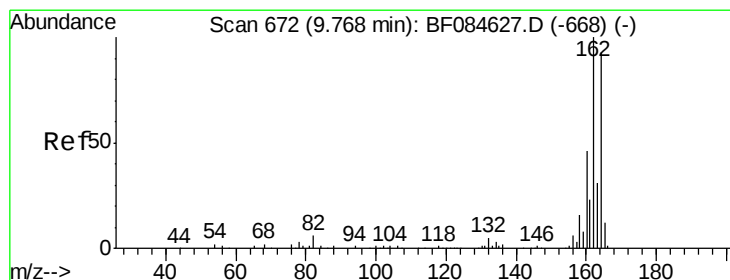
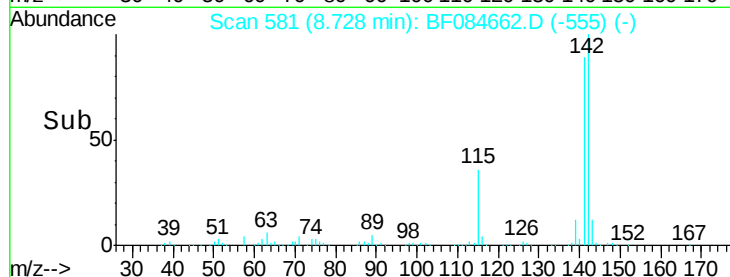
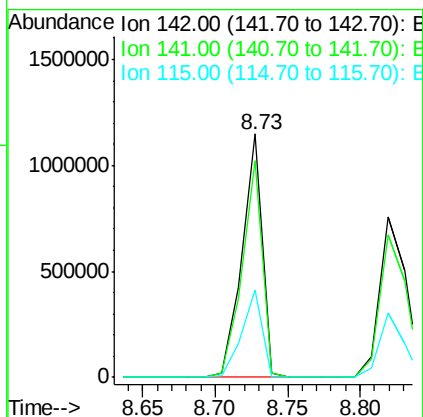
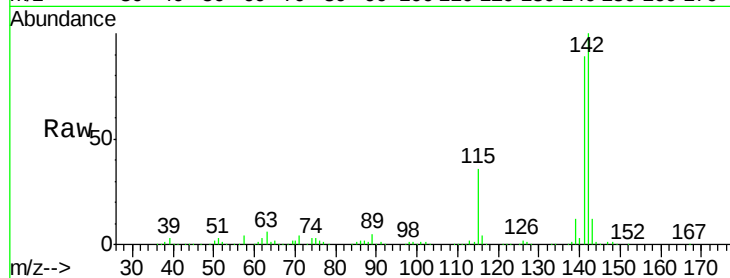




#37
2-Methylnaphthalene
Concen: 53.56 ng
RT: 8.73 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

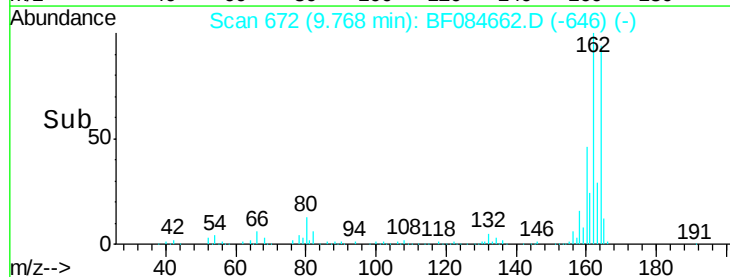
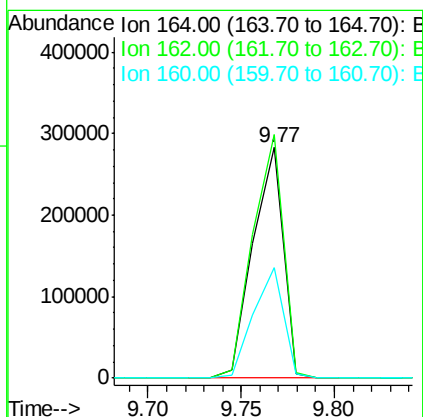
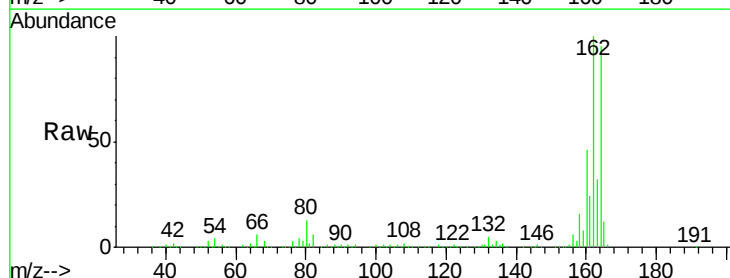
Instrument :
BNA_F
ClientSampleId :
SCARBOROUGH1516-00(0-4)MS

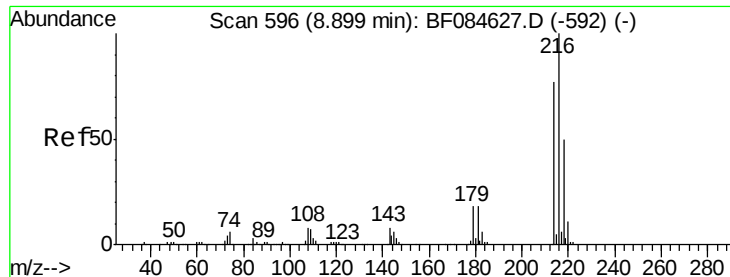
Tgt Ion:142 Resp: 1109260
Ion Ratio Lower Upper
142 100
141 88.8 72.4 108.6
115 36.2 27.9 41.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

Tgt Ion:164 Resp: 317423
Ion Ratio Lower Upper
164 100
162 105.7 85.1 127.7
160 48.2 37.5 56.3

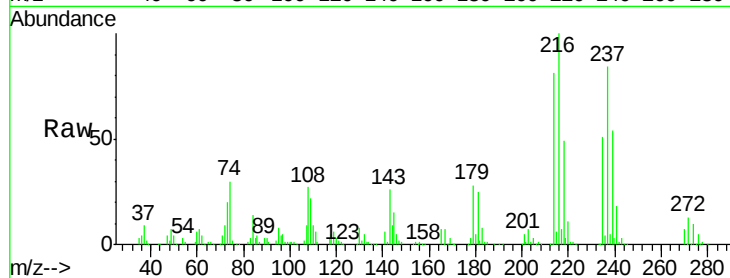




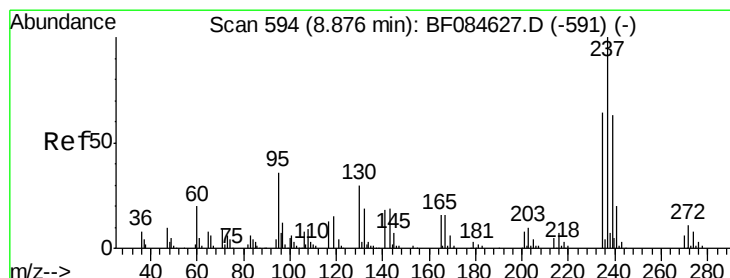
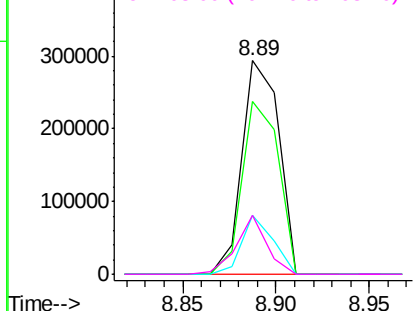
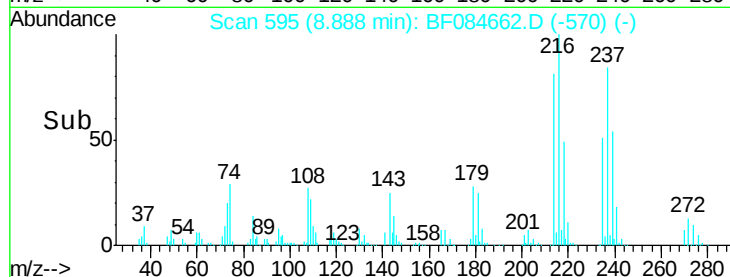
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.02 ng
 RT: 8.89 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF084662.D
 Acq: 30 Jan 2016 3:46

Instrument :
 BNA_F
 ClientSampleId :
 SCARBOROUGH1516-00(0-4)MS

Tgt Ion:	216	Resp:	401724
Ion	Ratio	Lower	Upper
216	100		
214	79.9	64.2	96.2
179	23.8	18.7	28.1
108	22.8	16.8	25.2

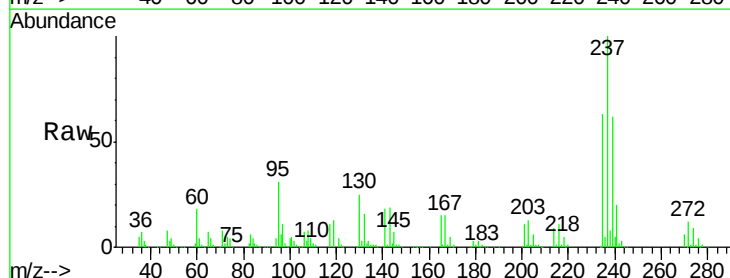


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

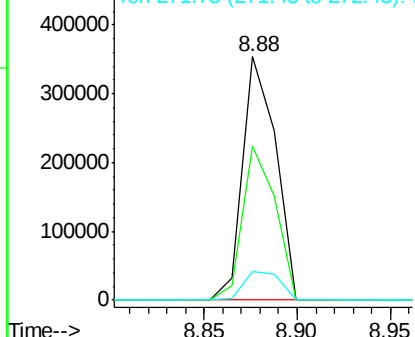
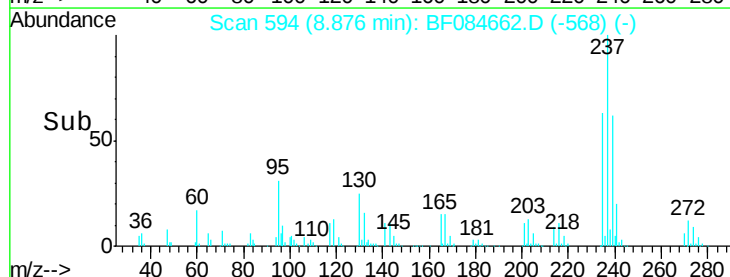


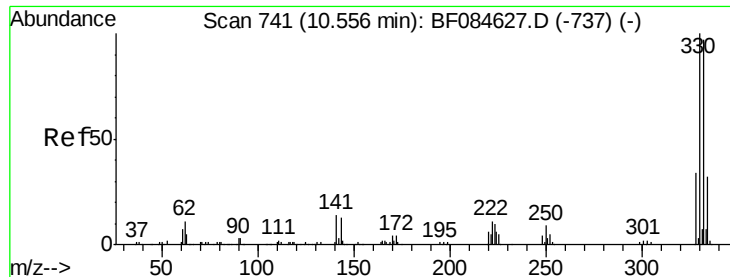
#40
 Hexachlorocyclopentadiene
 Concen: 92.62 ng
 RT: 8.88 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF084662.D
 Acq: 30 Jan 2016 3:46

Tgt Ion:	237	Resp:	433519
Ion	Ratio	Lower	Upper
237	100		
235	63.1	43.1	83.1
272	11.9	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

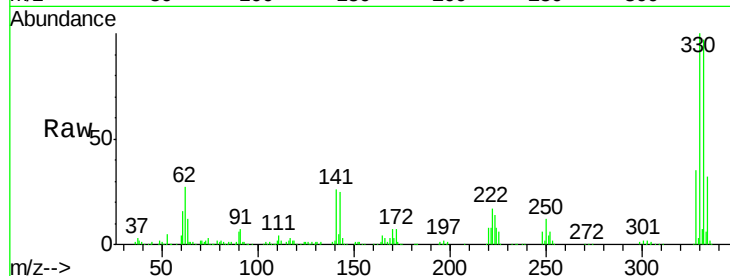




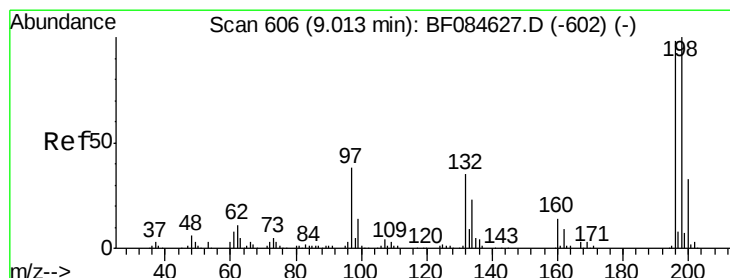
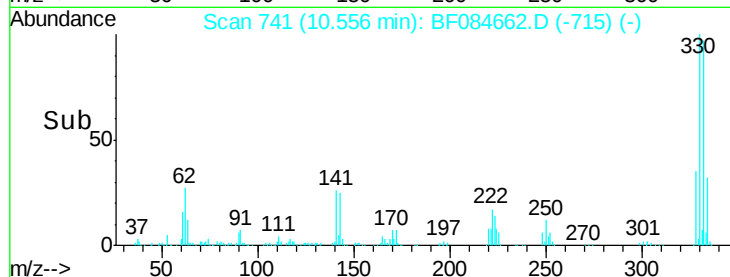
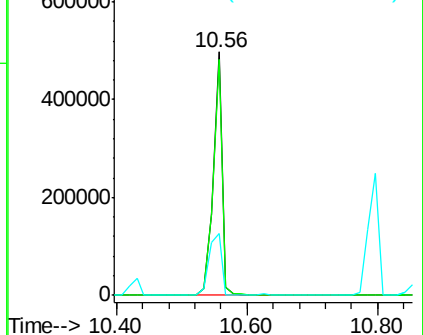
#41
 2,4,6-Tribromophenol
 Concen: 145.73 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF084662.D
 Acq: 30 Jan 2016 3:46

Instrument :
 BNA_F
 ClientSampleId :
 SCARBOROUGH1516-00(0-4)MS

Tgt Ion:330 Resp: 484832
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.6 114.8
 141 35.8 27.8 41.6

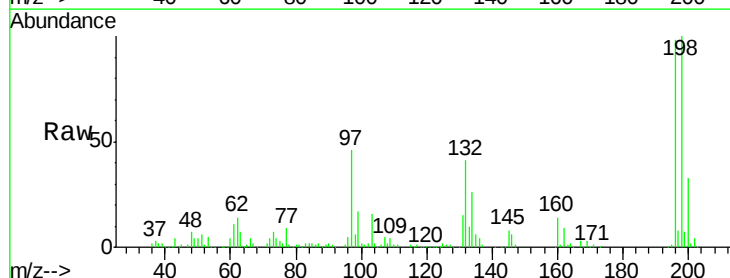


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

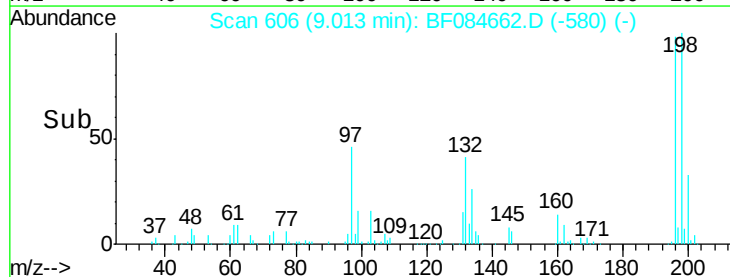
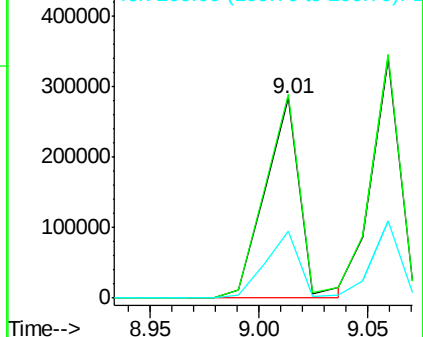


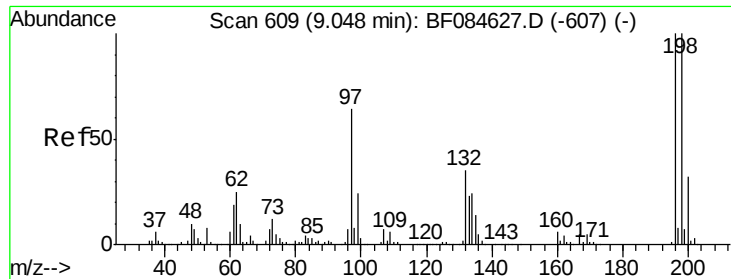
#42
 2,4,6-Trichlorophenol
 Concen: 49.55 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF084662.D
 Acq: 30 Jan 2016 3:46

Tgt Ion:196 Resp: 316891
 Ion Ratio Lower Upper
 196 100
 198 102.5 77.7 116.5
 200 33.7 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

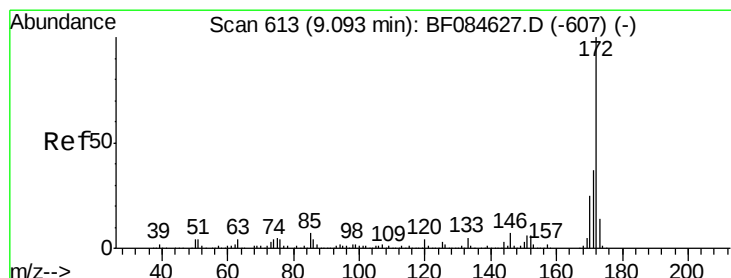
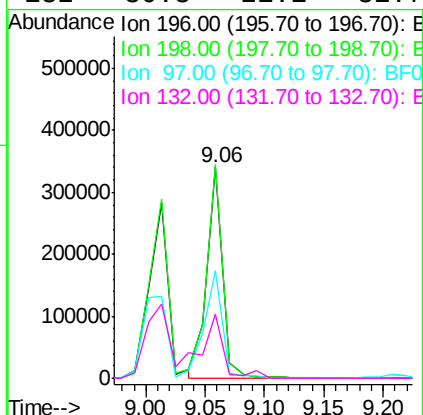
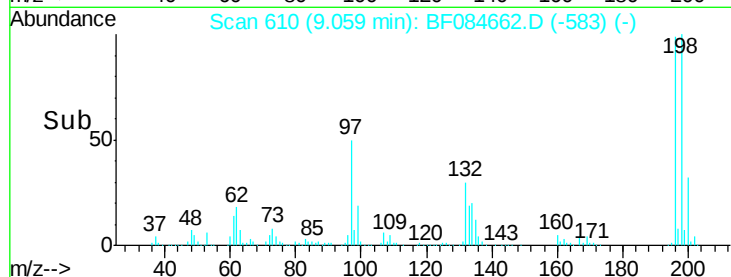
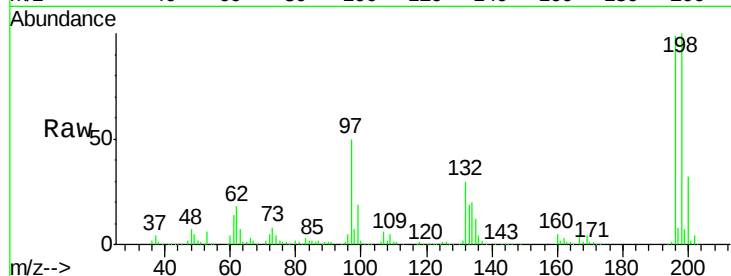




#43
 2,4,5-Trichlorophenol
 Concen: 47.79 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: BF084662.D
 Acq: 30 Jan 2016 3:46

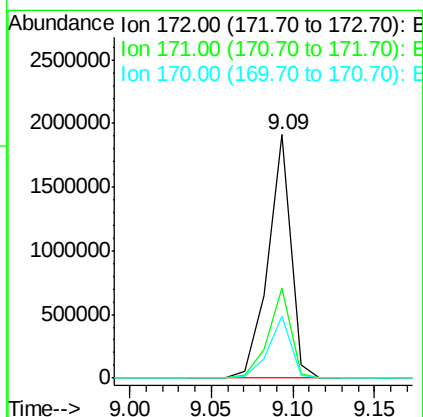
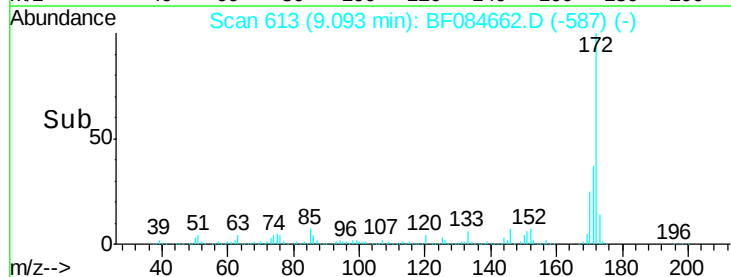
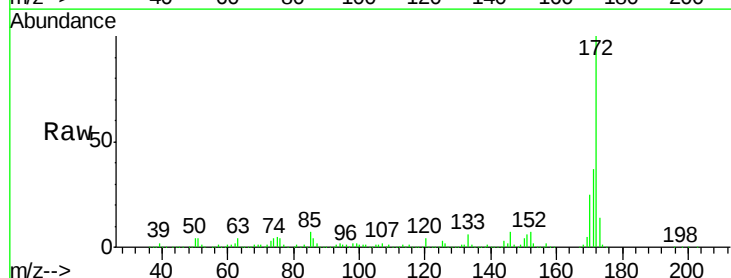
Instrument :
 BNA_F
 ClientSampleId :
 SCARBOROUGH1516-00(0-4)MS

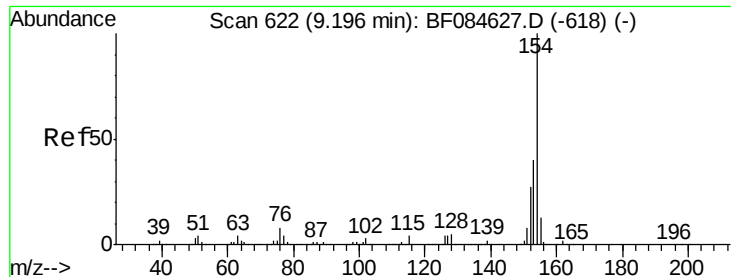
Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.3	79.0	118.6
97	50.8	33.0	49.6
132	30.3	21.1	31.7



#44
 2-Fluorobiphenyl
 Concen: 87.31 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084662.D
 Acq: 30 Jan 2016 3:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.9	43.3
170	25.4	18.6	27.8





#45

1,1'-Biphenyl

Concen: 42.66 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

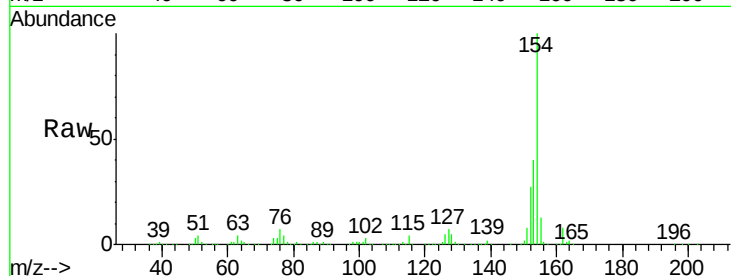
Tgt Ion:154 Resp: 1241069

Ion Ratio Lower Upper

154 100

153 39.9 21.6 61.6

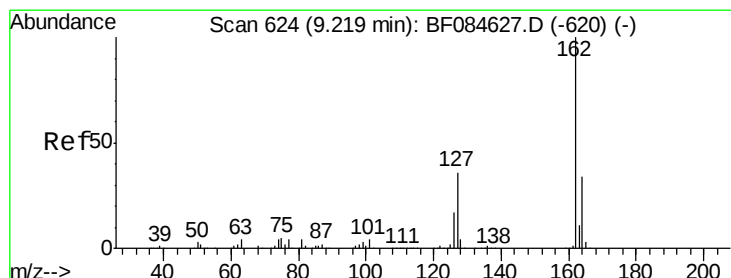
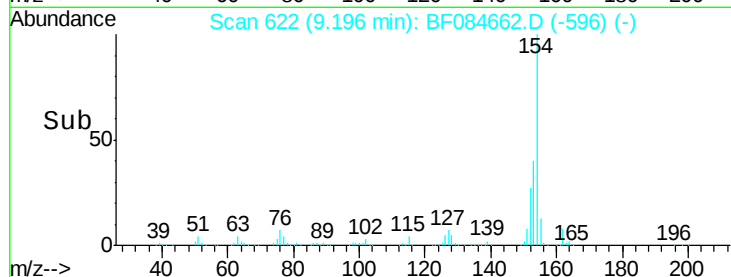
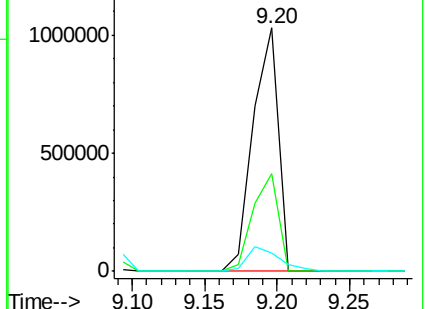
76 7.4 0.0 32.7



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: 44.54 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

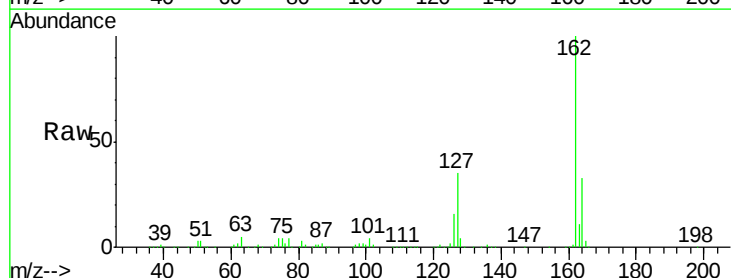
Tgt Ion:162 Resp: 945369

Ion Ratio Lower Upper

162 100

127 35.0 40.2 60.4#

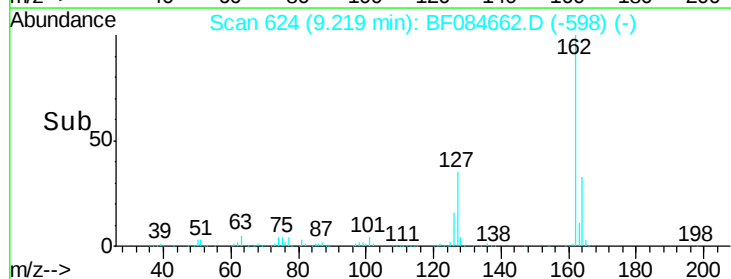
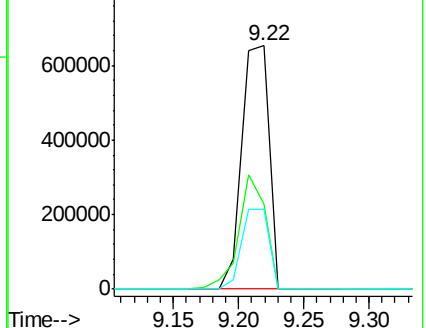
164 32.7 25.7 38.5

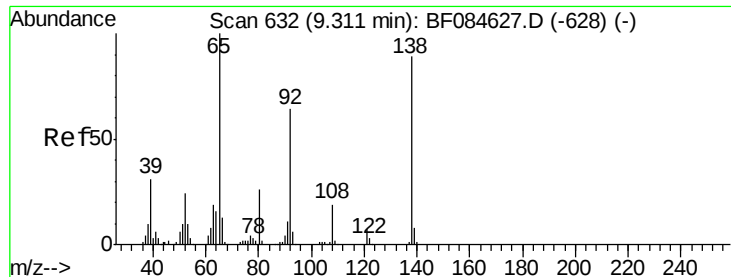


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.00 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

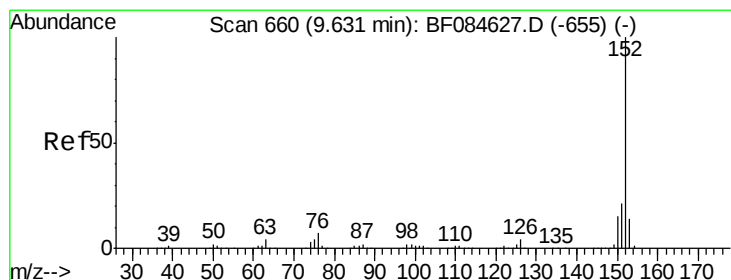
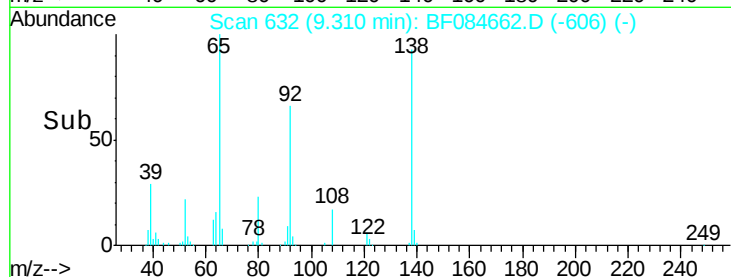
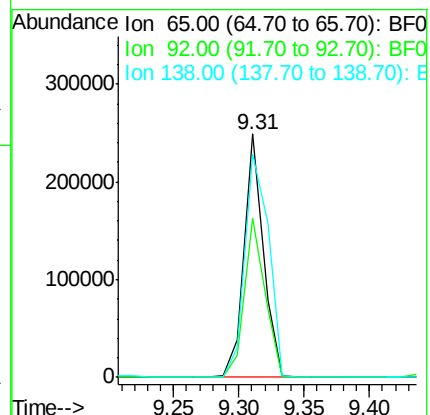
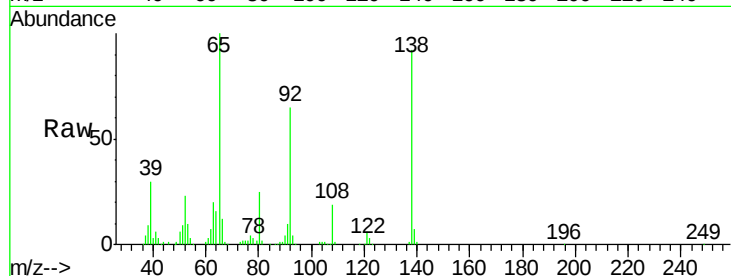
Tgt Ion: 65 Resp: 254960

Ion Ratio Lower Upper

65 100

92 65.3 53.4 80.2

138 91.7 71.1 106.7



#48

Acenaphthylene

Concen: 46.57 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

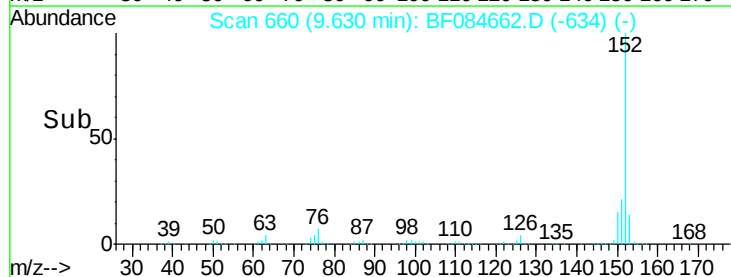
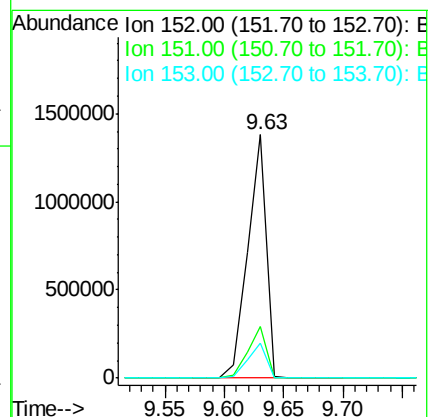
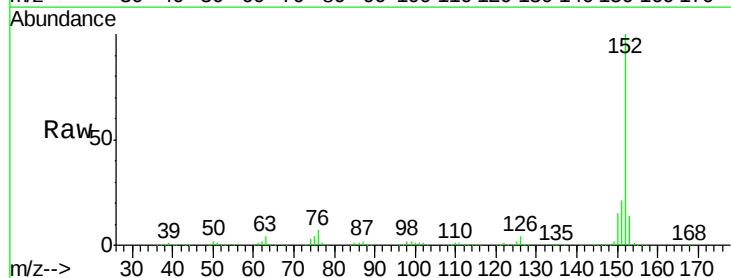
Tgt Ion: 152 Resp: 1497692

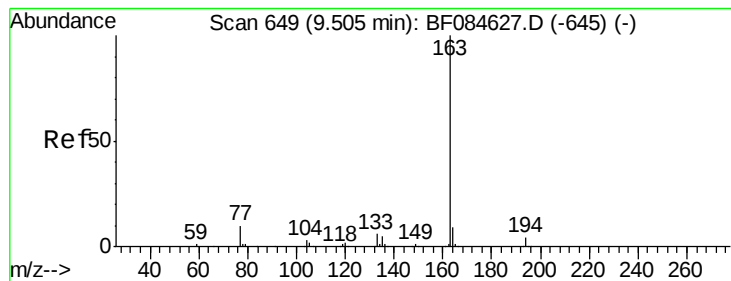
Ion Ratio Lower Upper

152 100

151 21.2 16.3 24.5

153 14.4 10.4 15.6





#49

Dimethylphthalate

Concen: 50.24 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

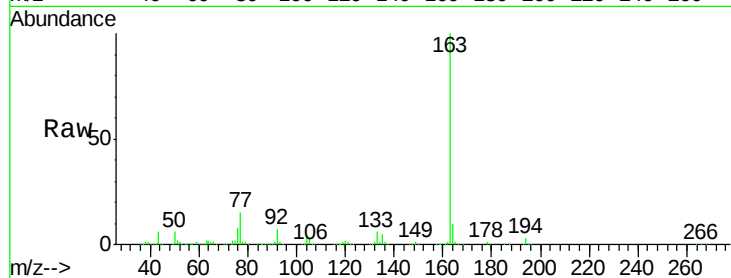
Tgt Ion:163 Resp: 1196809

Ion Ratio Lower Upper

163 100

194 3.4 8.0 12.0#

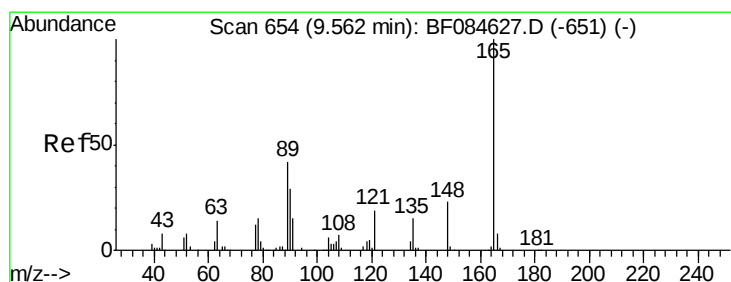
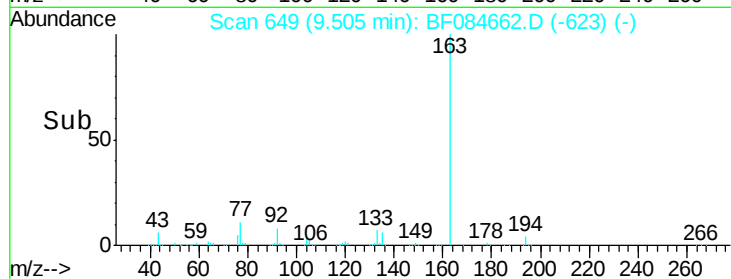
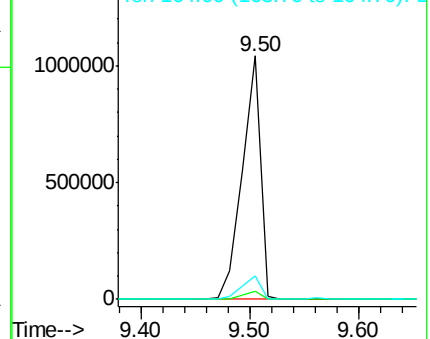
164 9.9 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 51.20 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

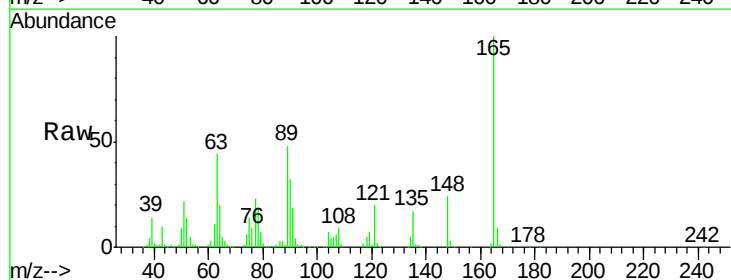
Tgt Ion:165 Resp: 268404

Ion Ratio Lower Upper

165 100

63 44.4 28.8 43.2#

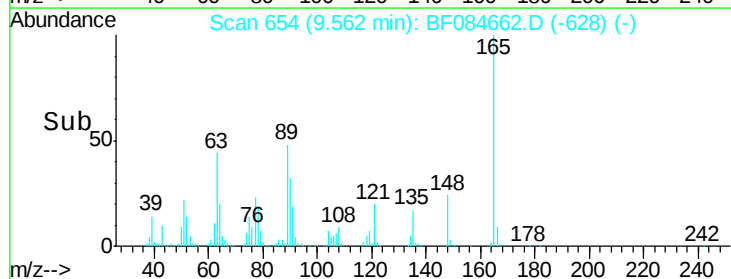
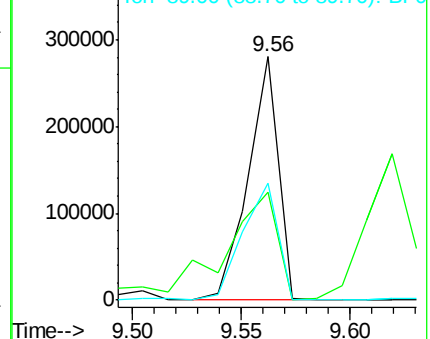
89 48.0 35.1 52.7

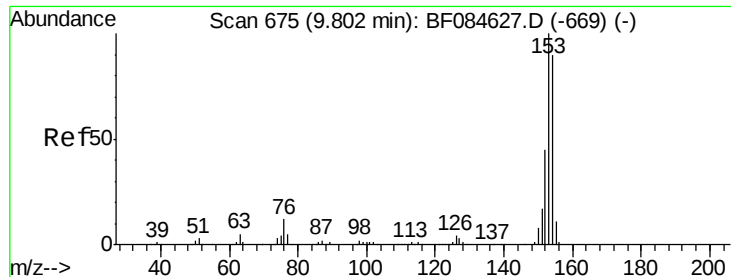


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 47.16 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

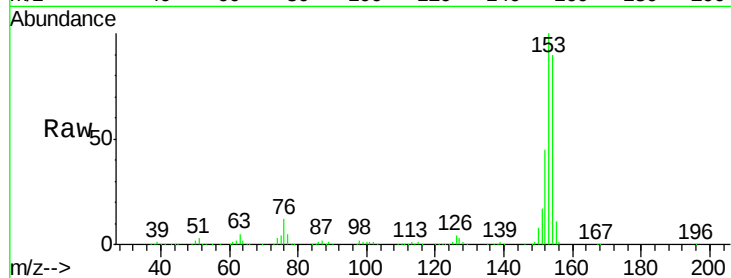
Tgt Ion:154 Resp: 1015677

Ion Ratio Lower Upper

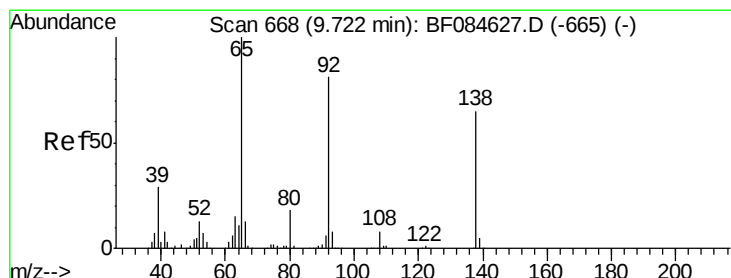
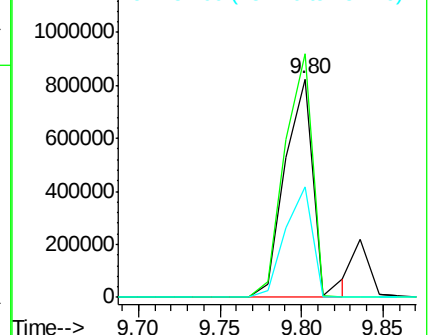
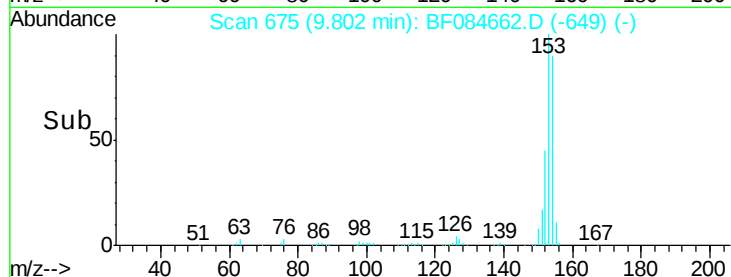
154 100

153 111.4 91.5 137.3

152 50.7 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: 4.14 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

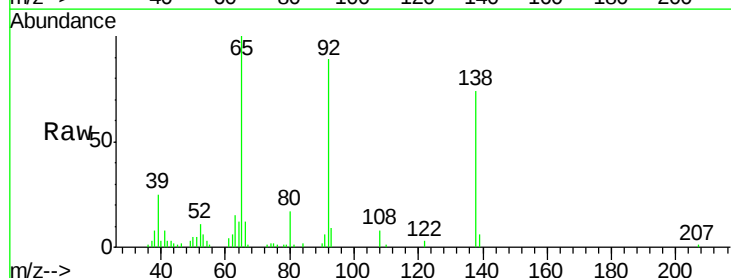
Tgt Ion:138 Resp: 22684

Ion Ratio Lower Upper

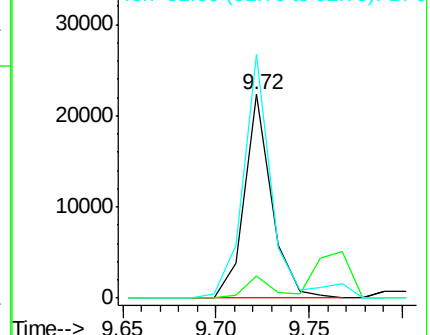
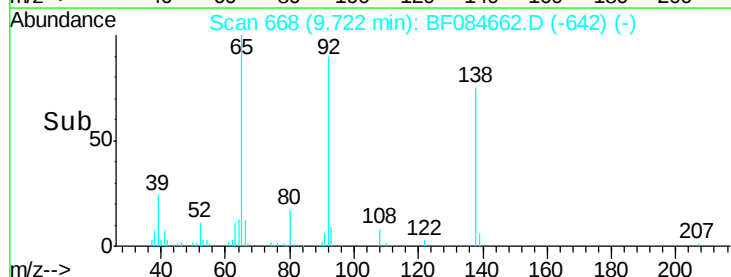
138 100

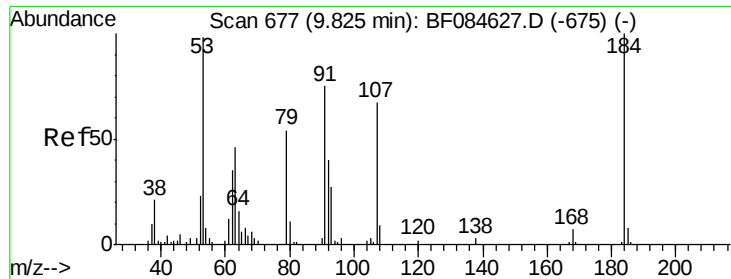
108 10.6 10.5 15.7

92 119.7 103.9 155.9



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

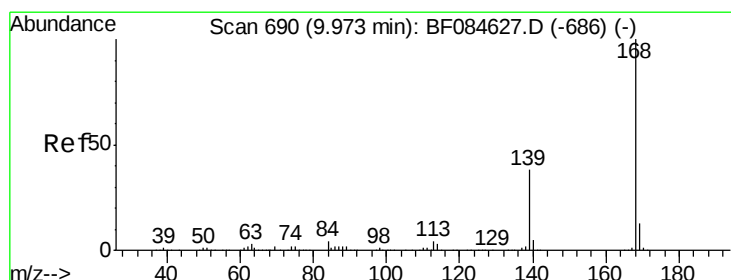
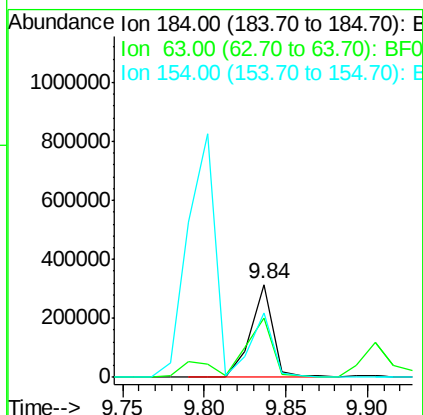
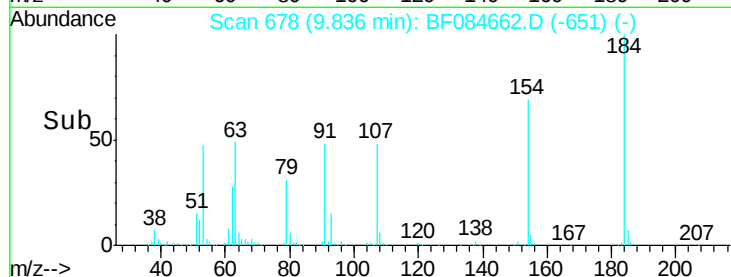
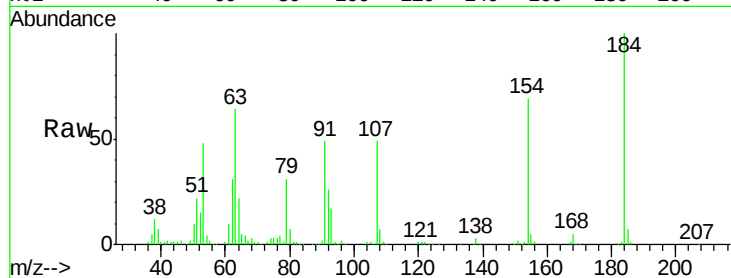




#53
2,4-Dinitrophenol
Concen: 115.45 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.01 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

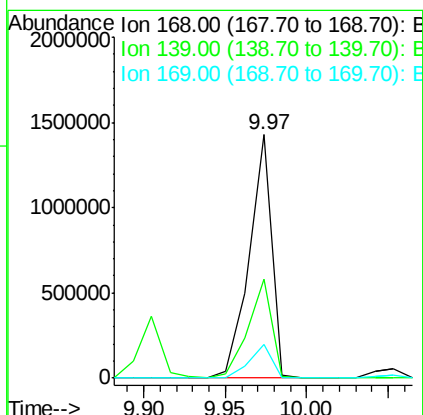
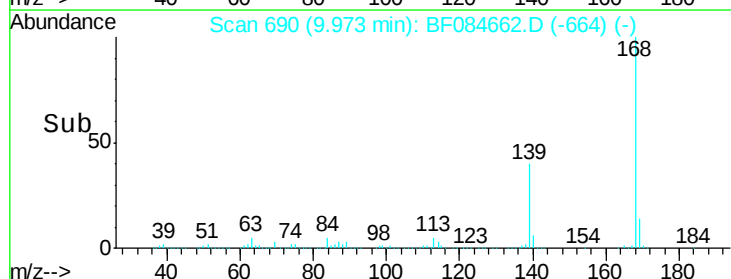
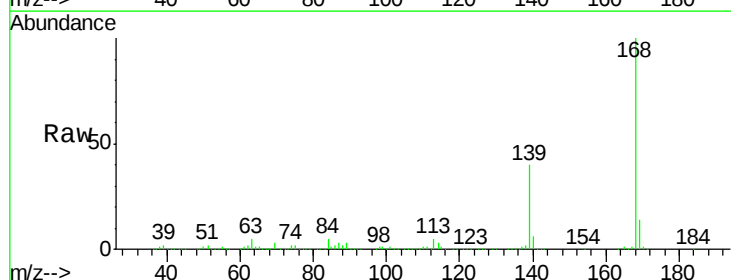
Instrument :
BNA_F
ClientSampleId :
SCARBOROUGH1516-00(0-4)MS

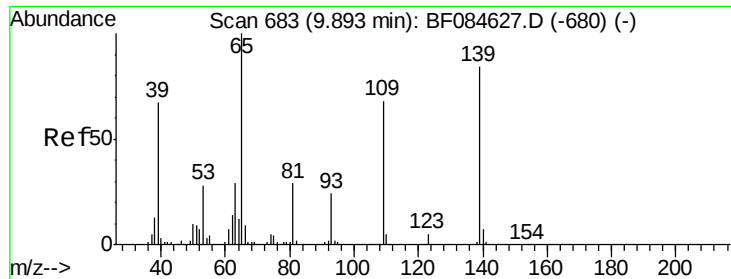
Tgt Ion:184 Resp: 298611
Ion Ratio Lower Upper
184 100
63 63.8 43.1 64.7
154 69.4 60.5 90.7



#54
Dibenzofuran
Concen: 52.97 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

Tgt Ion:168 Resp: 1361376
Ion Ratio Lower Upper
168 100
139 40.4 30.5 45.7
169 13.8 10.4 15.6

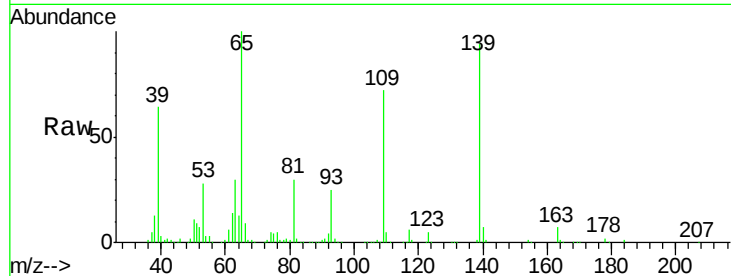




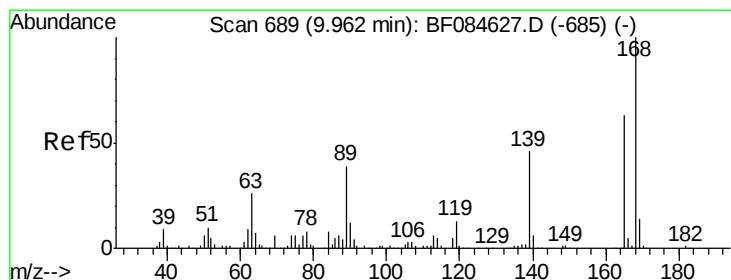
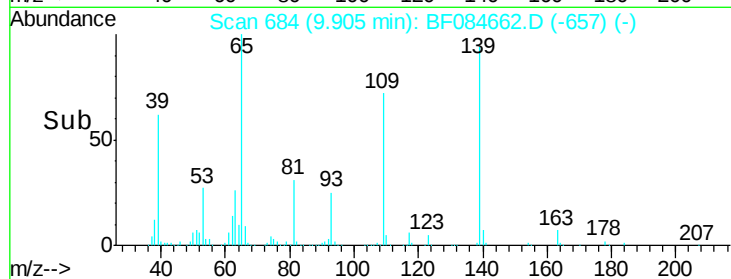
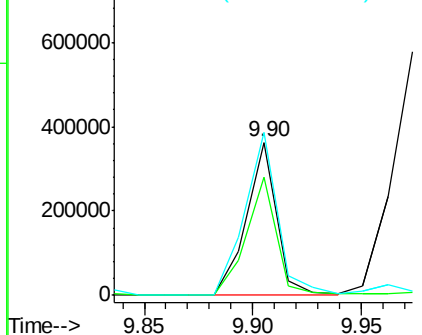
#55
4-Nitrophenol
Concen: 87.49 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.01 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

Instrument :
BNA_F
ClientSampleId :
SCARBOROUGH1516-00(0-4)MS

Tgt Ion:139 Resp: 351977
Ion Ratio Lower Upper
139 100
109 77.0 58.5 98.5
65 106.8 57.6 97.6#



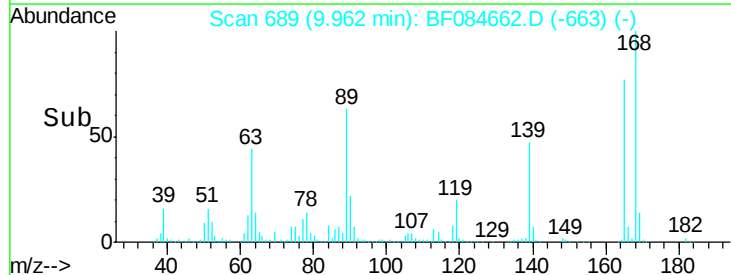
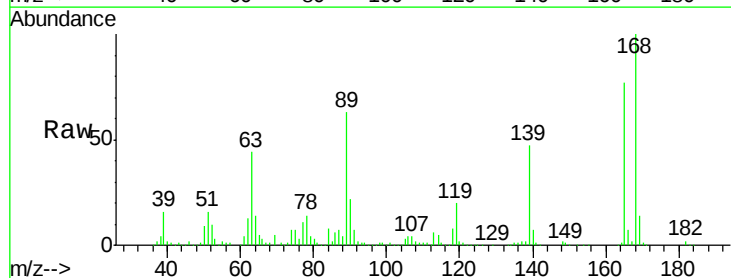
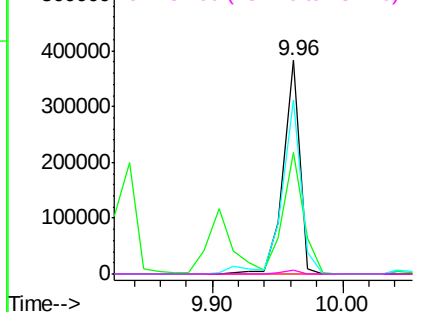
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

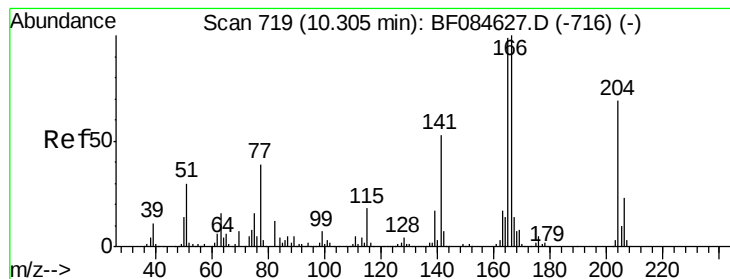


#56
2,4-Dinitrotoluene
Concen: 49.87 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

Tgt Ion:165 Resp: 339609
Ion Ratio Lower Upper
165 100
63 56.9 36.7 55.1#
89 81.8 61.9 92.9
182 2.0 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: 48.18 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.01 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

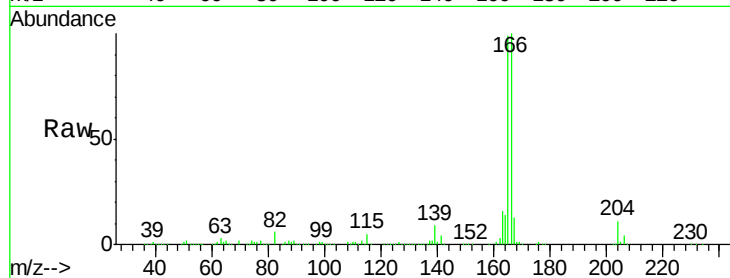
Tgt Ion:166 Resp: 1049606

Ion Ratio Lower Upper

166 100

165 99.1 79.1 118.7

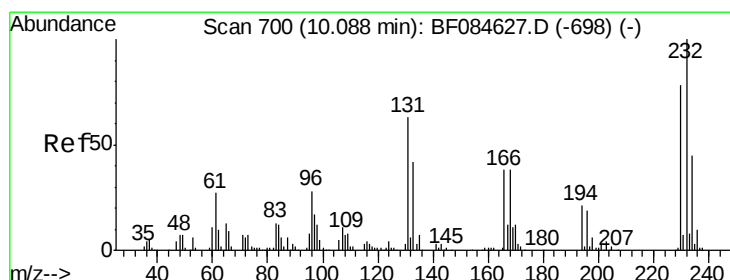
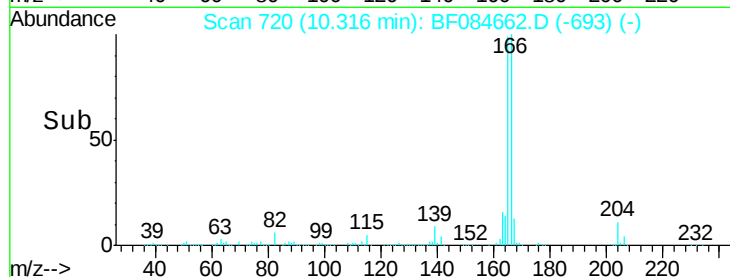
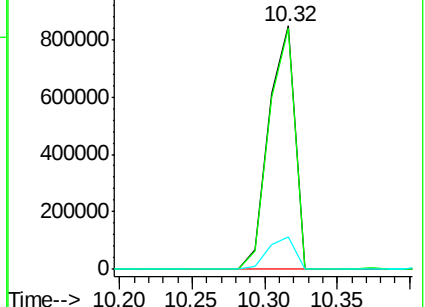
167 13.4 10.4 15.6



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: 53.21 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Tgt Ion:232 Resp: 265624

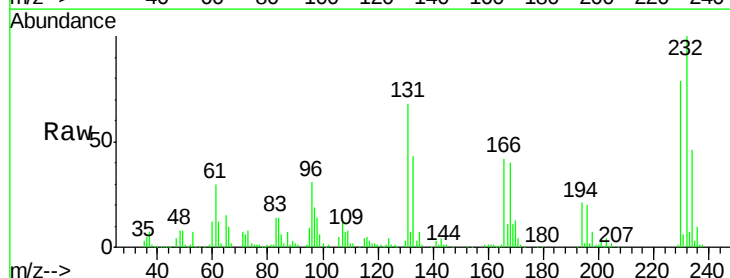
Ion Ratio Lower Upper

232 100

131 49.2 47.0 70.6

130 2.3 2.0 3.0

166 31.4 30.5 45.7

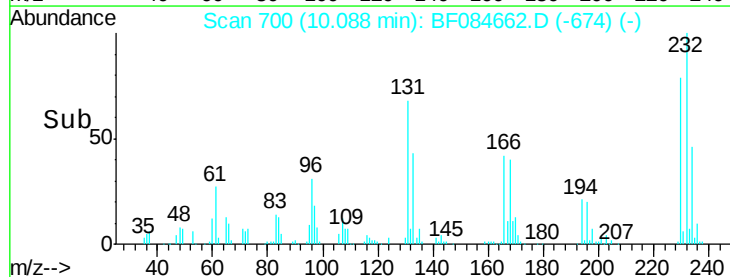
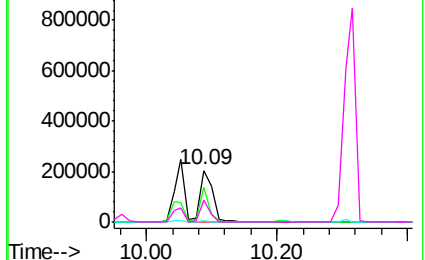


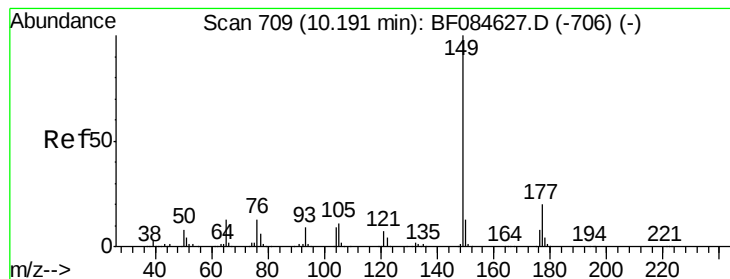
Abundance Ion 232.00 (231.70 to 232.70): E

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: 50.12 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

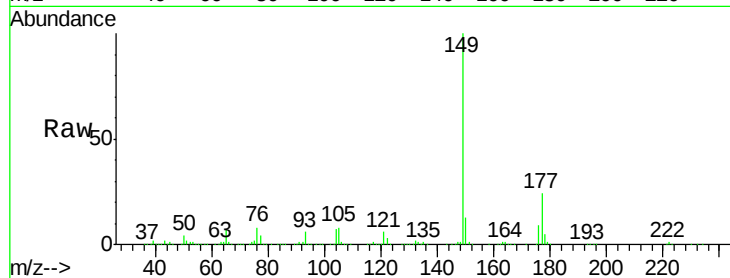
Tgt Ion:149 Resp: 1168837

Ion Ratio Lower Upper

149 100

177 23.7 17.3 25.9

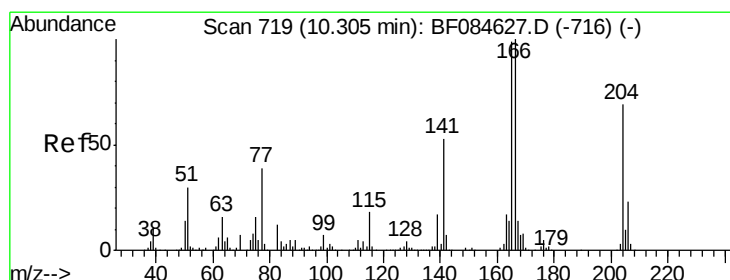
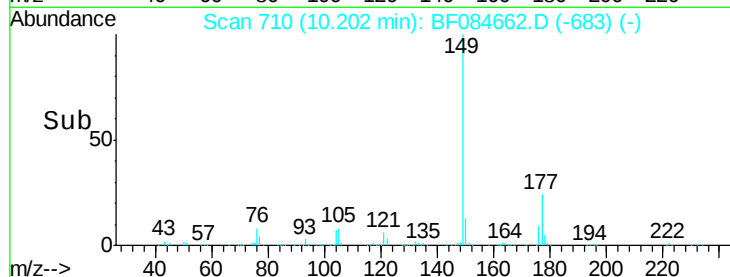
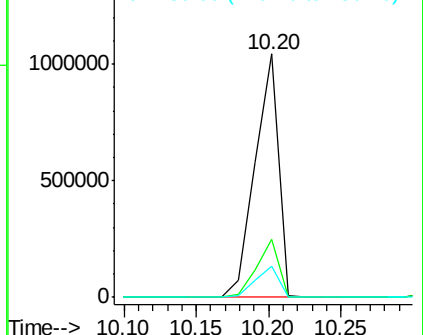
150 12.7 9.8 14.8



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: 44.60 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

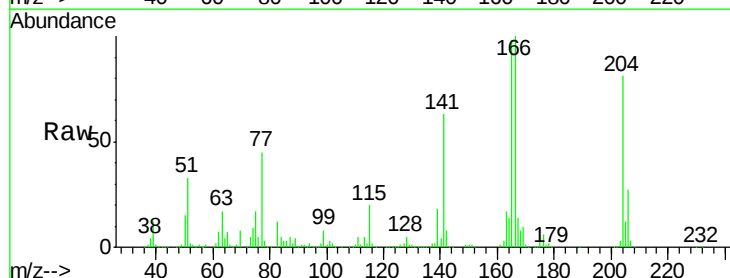
Tgt Ion:204 Resp: 436190

Ion Ratio Lower Upper

204 100

206 33.1 25.7 38.5

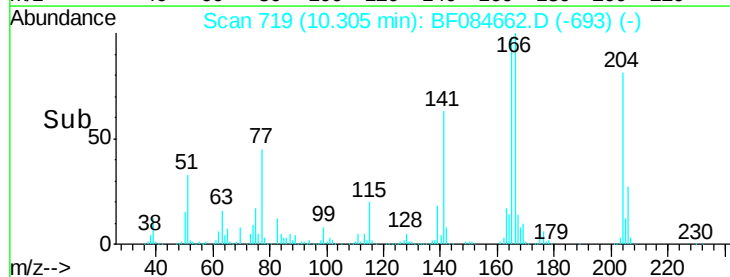
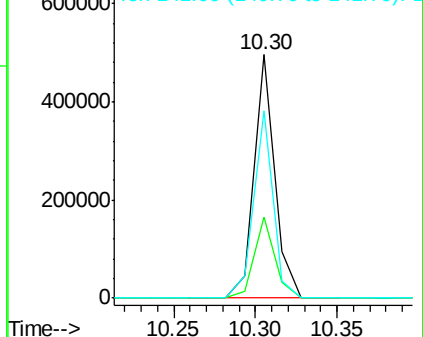
141 76.8 55.1 82.7

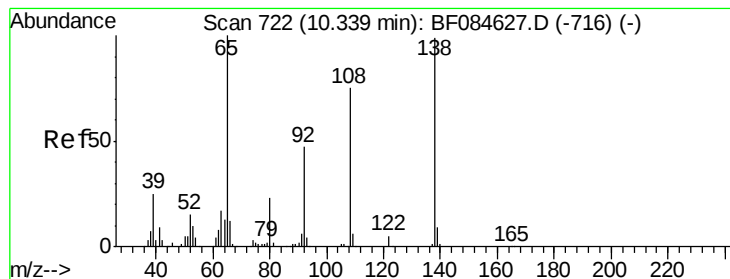


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 32.96 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

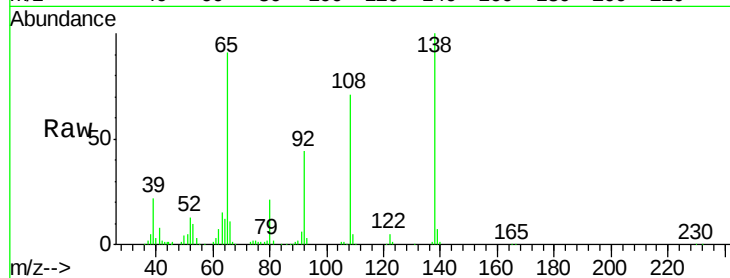
Tgt Ion:138 Resp: 170862

Ion Ratio Lower Upper

138 100

92 44.5 32.6 72.6

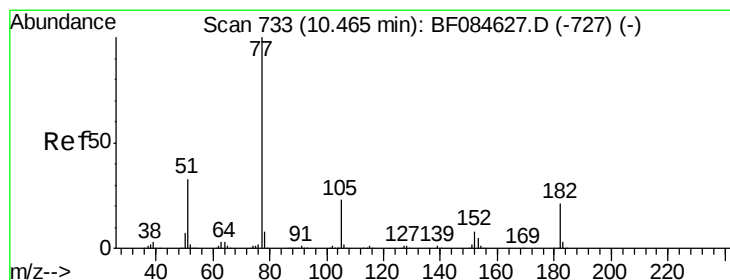
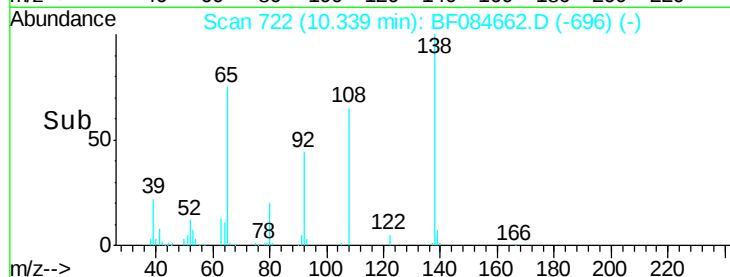
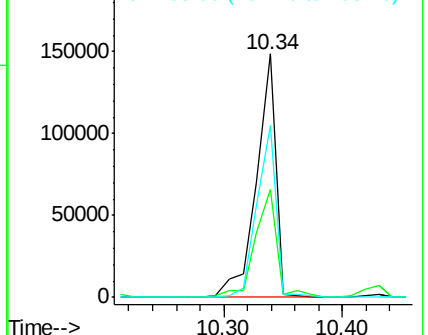
108 70.6 68.6 108.6



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: 50.46 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Tgt Ion: 77 Resp: 1126259

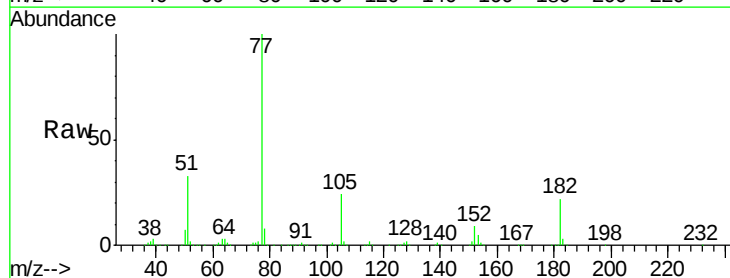
Ion Ratio Lower Upper

77 100

182 22.2 8.3 48.3

105 23.9 4.6 44.6

51 32.9 6.2 46.2

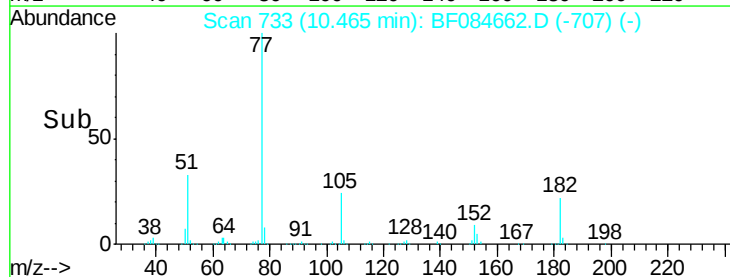
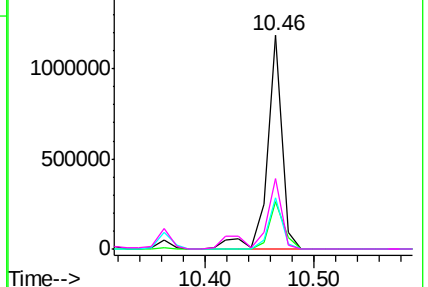


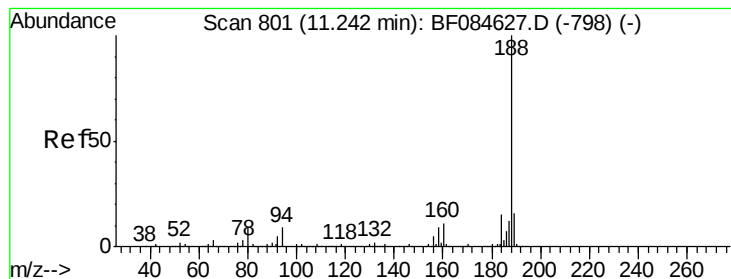
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.24 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

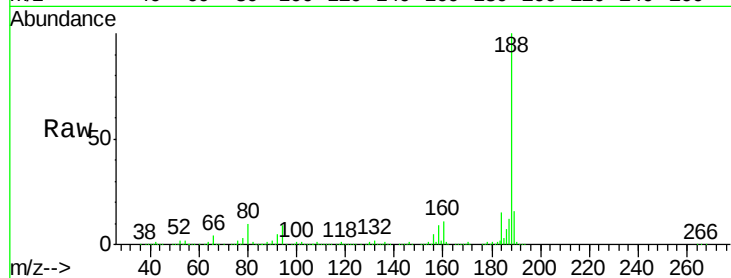
Tgt Ion:188 Resp: 590820

Ion Ratio Lower Upper

188 100

94 9.4 9.0 13.4

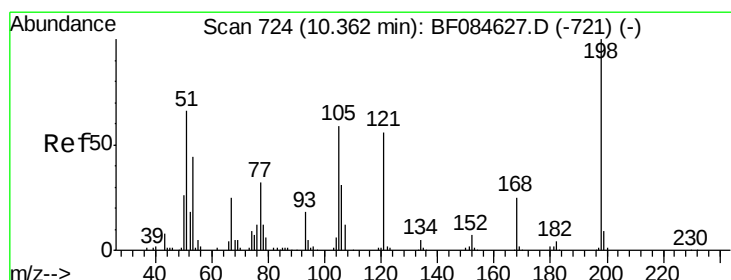
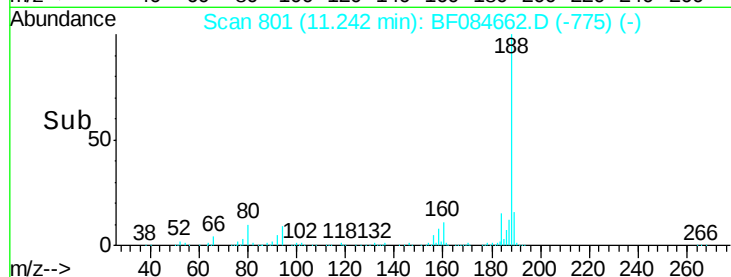
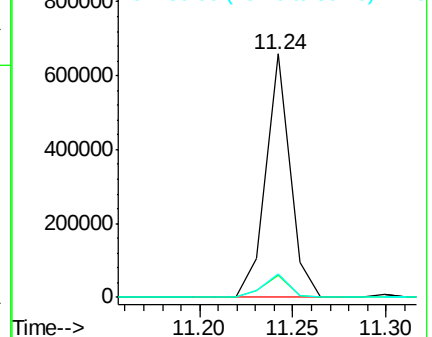
80 9.7 9.6 14.4



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: 45.00 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

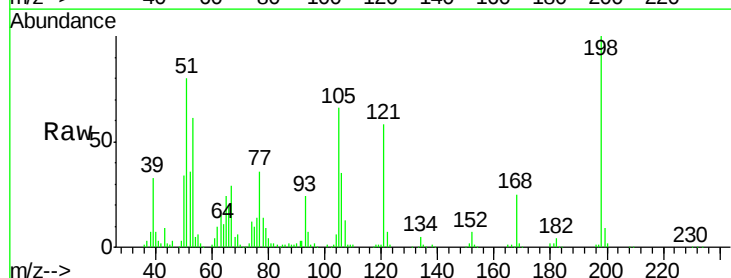
Tgt Ion:198 Resp: 173670

Ion Ratio Lower Upper

198 100

51 80.1 18.9 58.9#

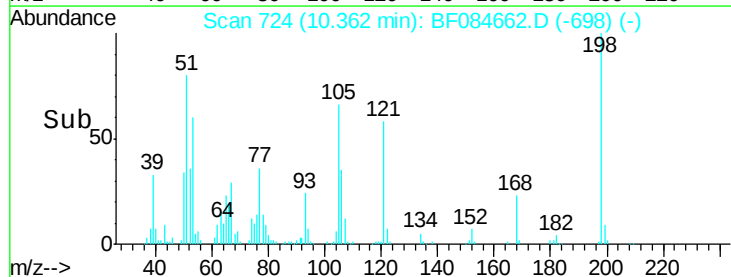
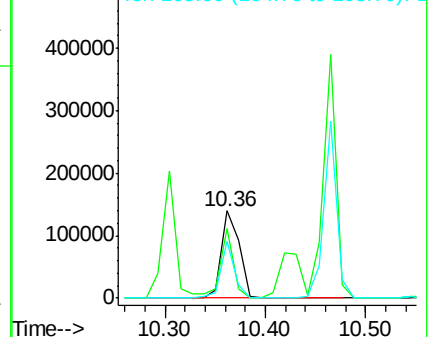
105 65.8 26.4 66.4

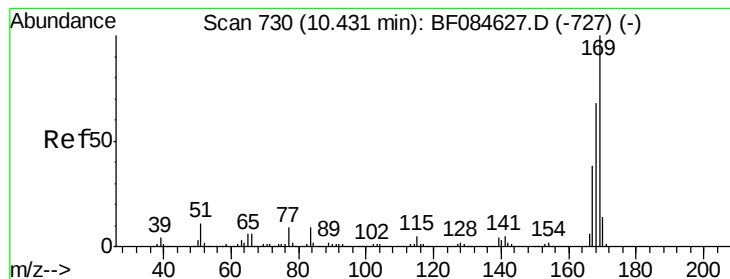


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.29 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

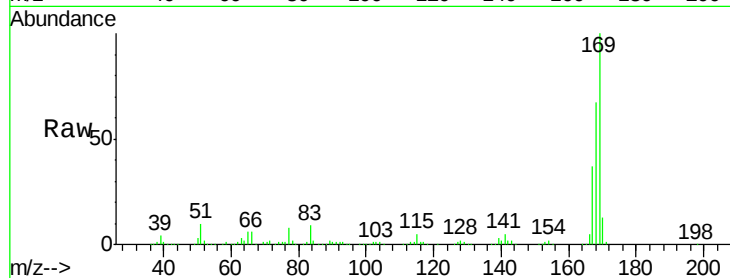
Tgt Ion:169 Resp: 695177

Ion Ratio Lower Upper

169 100

168 66.7 55.1 82.7

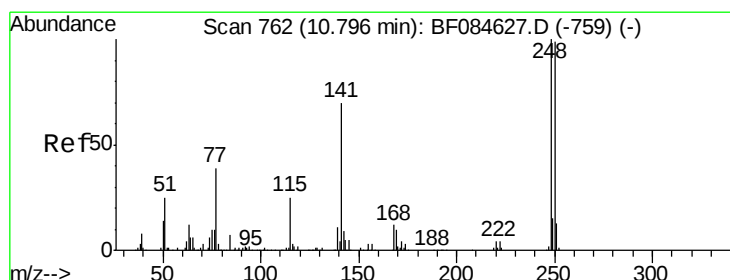
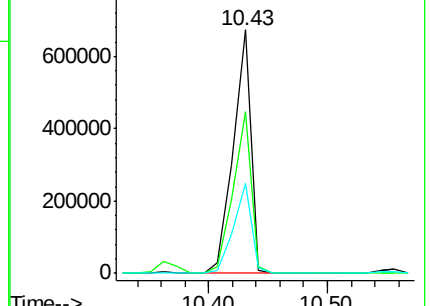
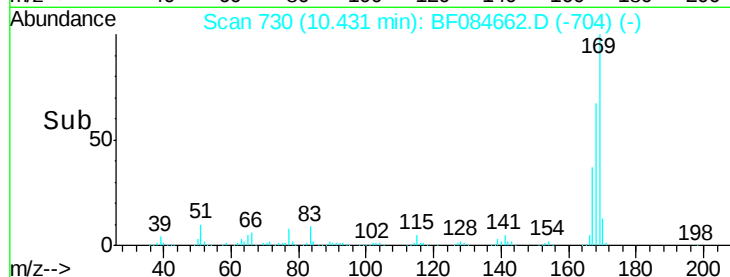
167 36.7 30.0 45.0



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: 49.54 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

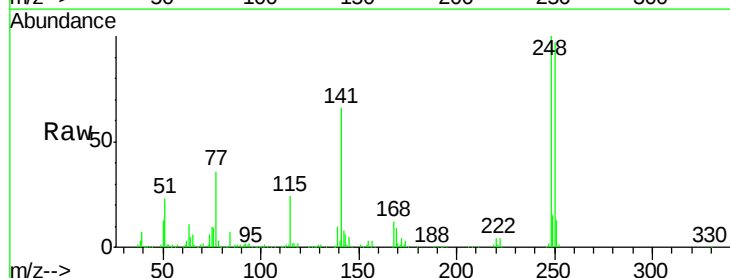
Tgt Ion:248 Resp: 329647

Ion Ratio Lower Upper

248 100

250 97.0 78.4 117.6

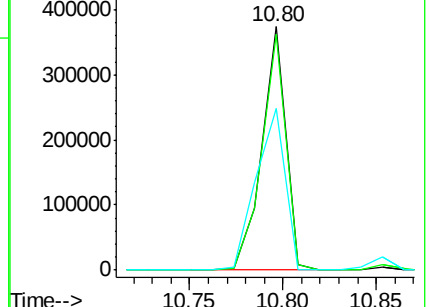
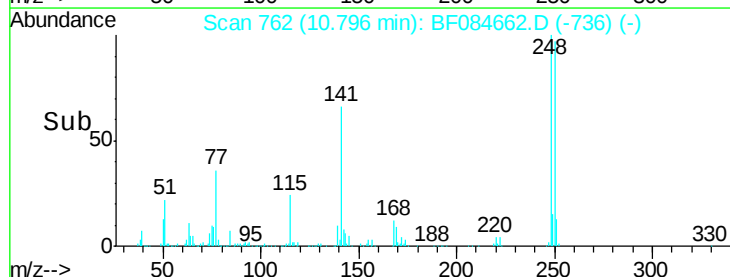
141 66.3 44.0 66.0#

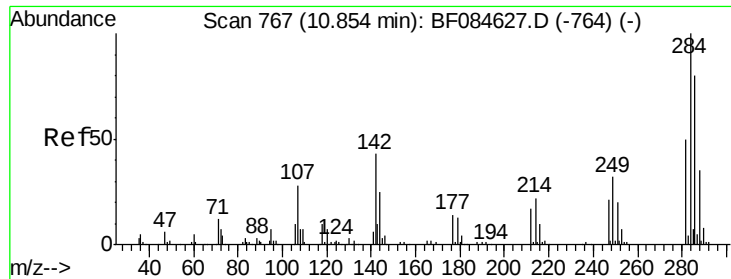


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

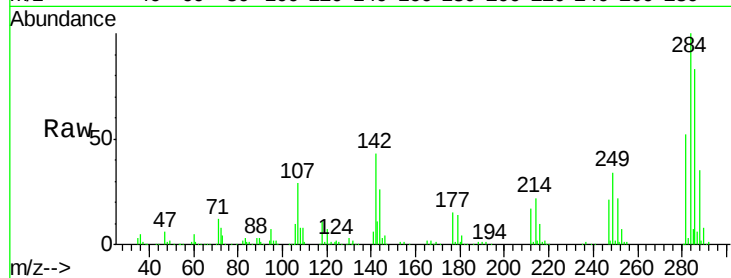




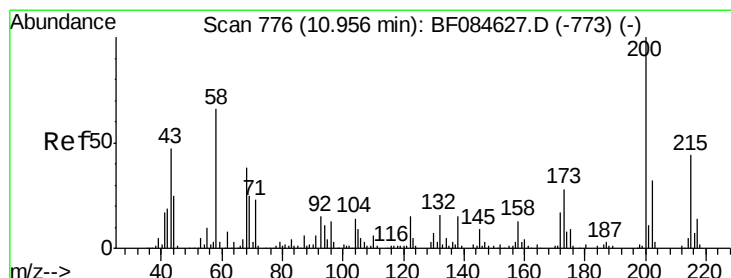
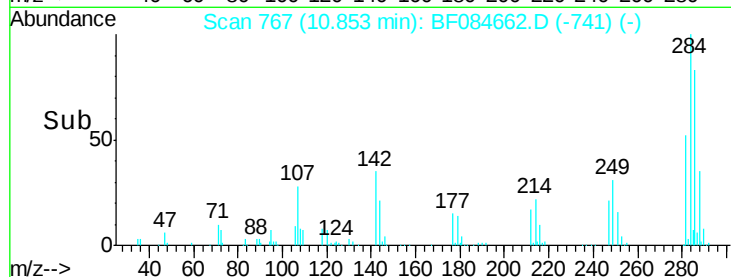
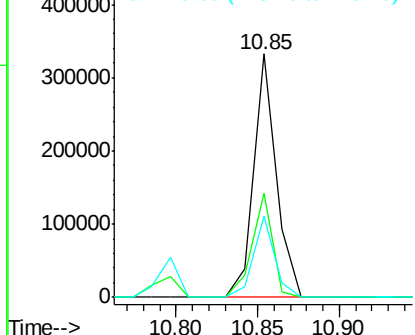
#67
Hexachlorobenzene
Concen: 44.24 ng
RT: 10.85 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

Instrument :
BNA_F
ClientSampleId :
SCARBOROUGH1516-00(0-4)MS

Tgt Ion: 284 Resp: 320201
Ion Ratio Lower Upper
284 100
142 42.8 22.2 33.4#
249 33.5 24.6 37.0

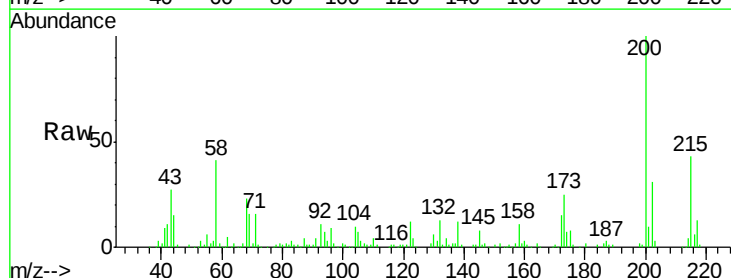


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

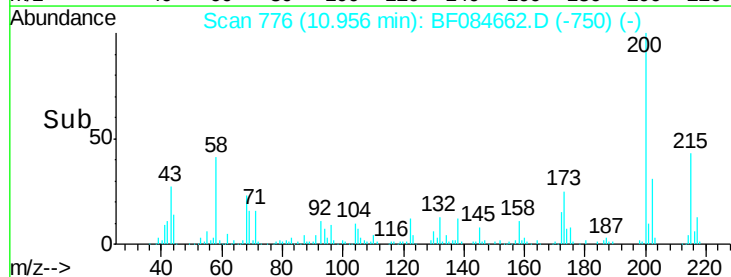
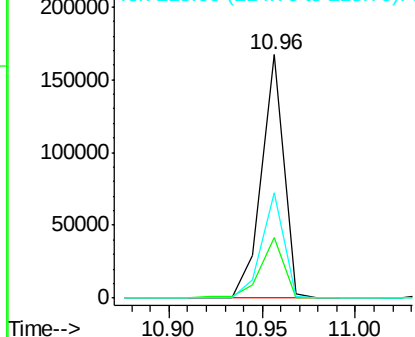


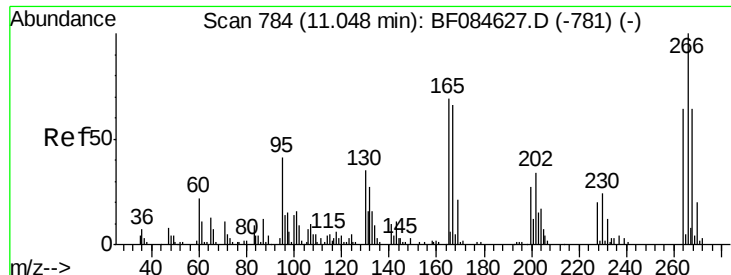
#68
Atrazine
Concen: 23.90 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

Tgt Ion: 200 Resp: 137159
Ion Ratio Lower Upper
200 100
173 25.0 9.5 49.5
215 43.1 23.8 63.8



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

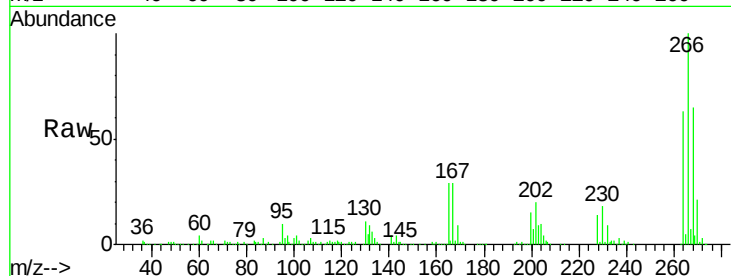




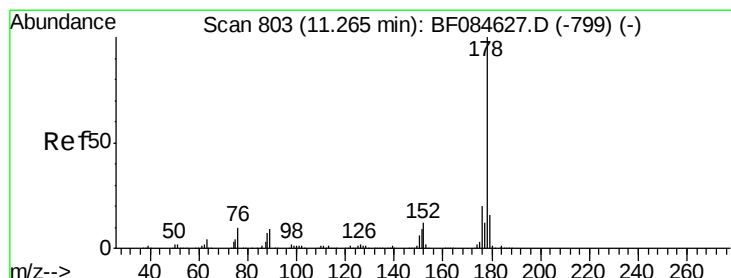
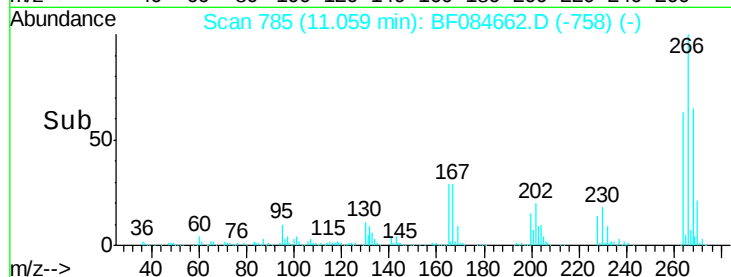
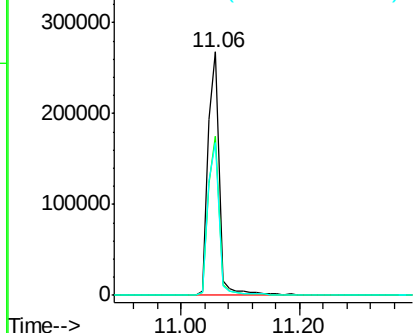
#69
 Pentachlorophenol
 Concen: 101.93 ng
 RT: 11.06 min Scan# 785
 Delta R.T. 0.01 min
 Lab File: BF084662.D
 Acq: 30 Jan 2016 3:46

Instrument :
 BNA_F
 ClientSampleId :
 SCARBOROUGH1516-00(0-4)MS

Tgt Ion:266 Resp: 356426
 Ion Ratio Lower Upper
 266 100
 268 65.4 52.4 78.6
 264 63.0 50.2 75.2

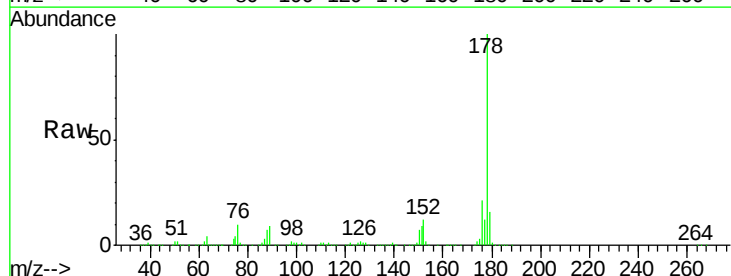


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

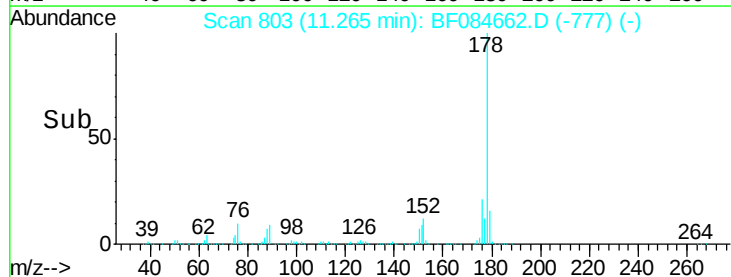
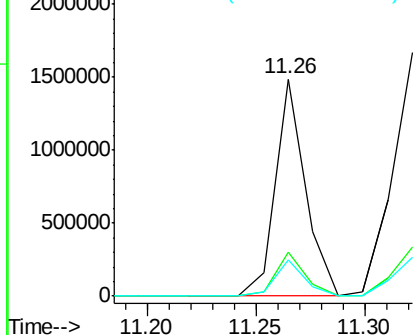


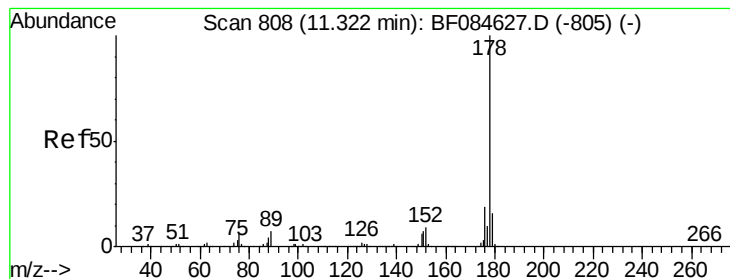
#70
 Phenanthrene
 Concen: 44.00 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF084662.D
 Acq: 30 Jan 2016 3:46

Tgt Ion:178 Resp: 1437537
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.3 22.9
 179 16.5 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: 49.24 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

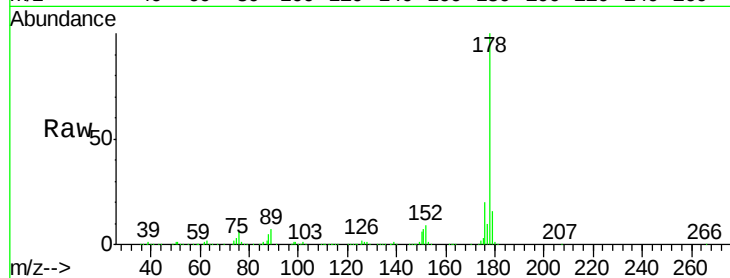
Tgt Ion:178 Resp: 1635699

Ion Ratio Lower Upper

178 100

176 20.1 15.4 23.0

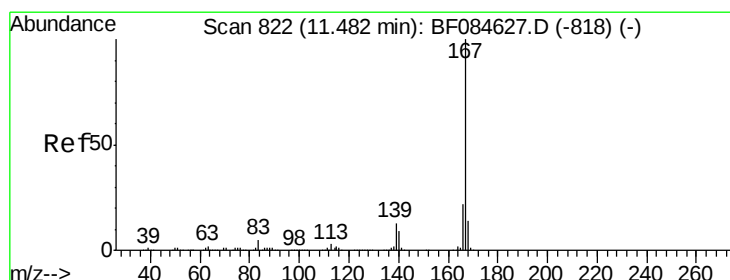
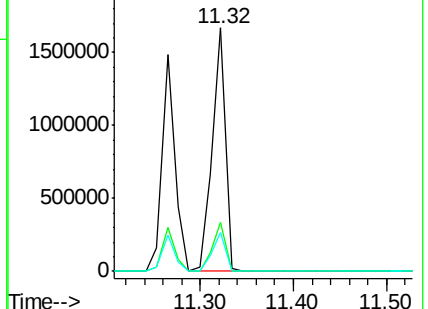
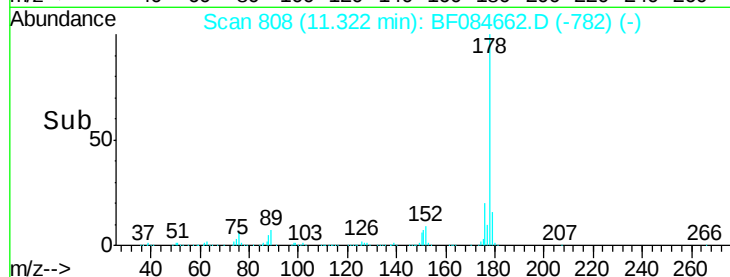
179 16.1 12.5 18.7



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: 28.51 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

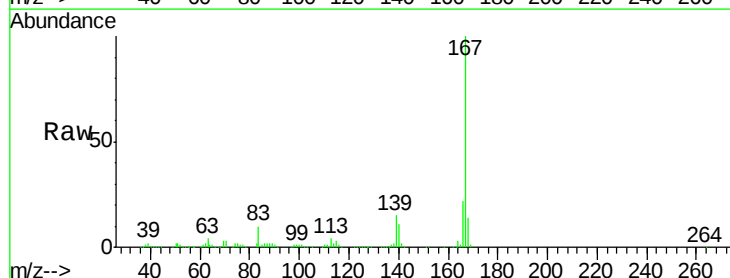
Tgt Ion:167 Resp: 816116

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

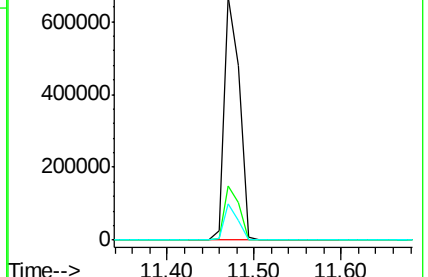
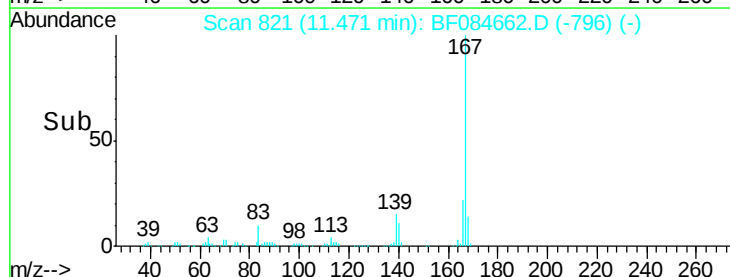
139 15.0 11.8 17.8

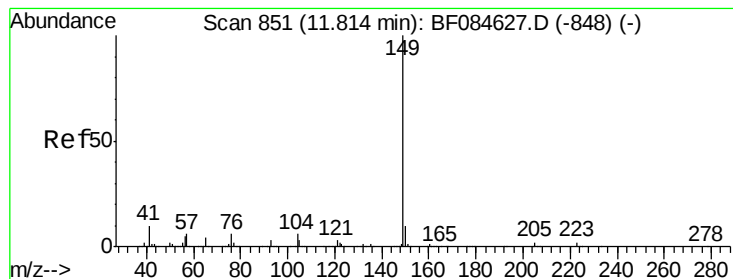


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.02 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

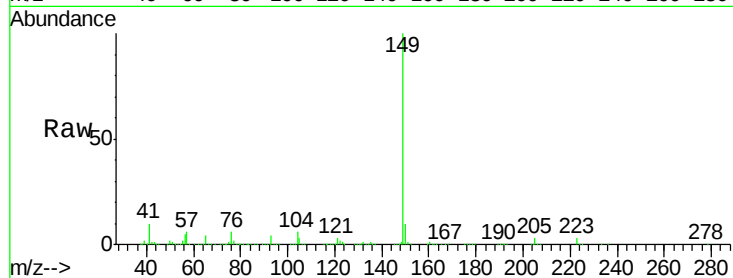
Tgt Ion:149 Resp: 1602392

Ion Ratio Lower Upper

149 100

150 9.8 7.1 10.7

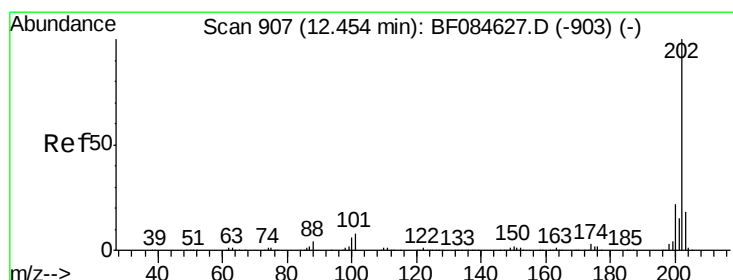
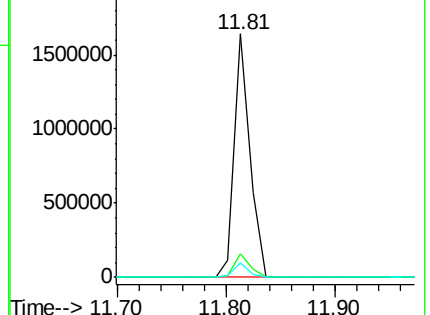
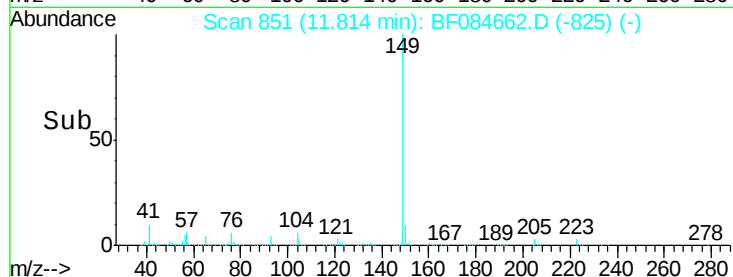
104 6.0 3.2 4.8#



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: 51.26 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

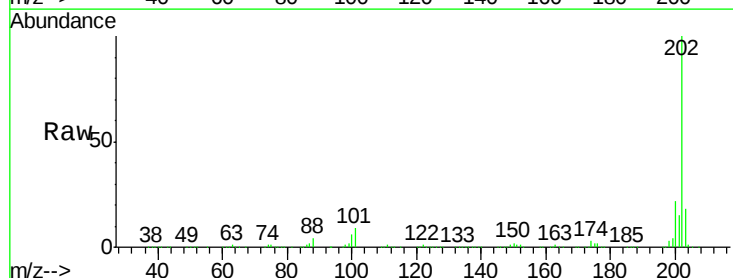
Tgt Ion:202 Resp: 1655745

Ion Ratio Lower Upper

202 100

101 8.8 0.0 32.8

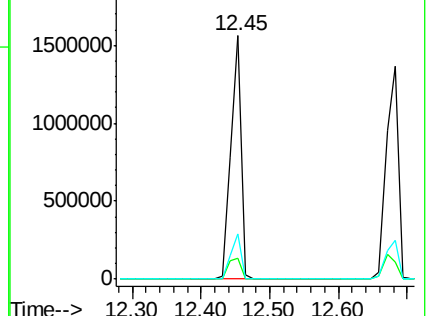
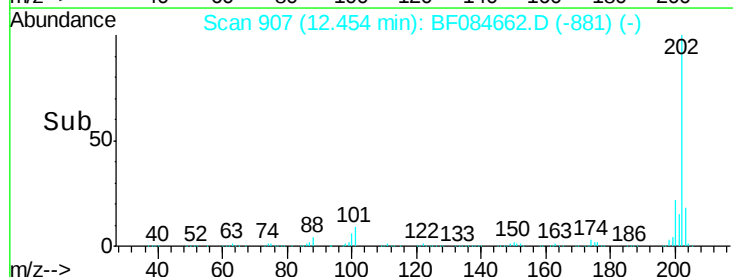
203 18.3 0.0 37.9

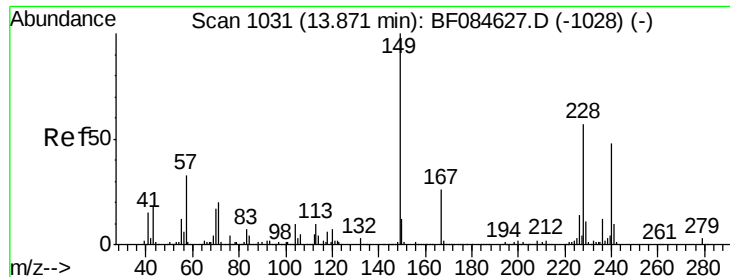


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

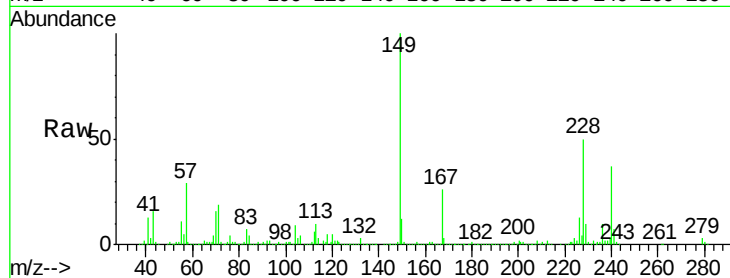
Tgt Ion:240 Resp: 409650

Ion Ratio Lower Upper

240 100

120 14.2 9.5 14.3

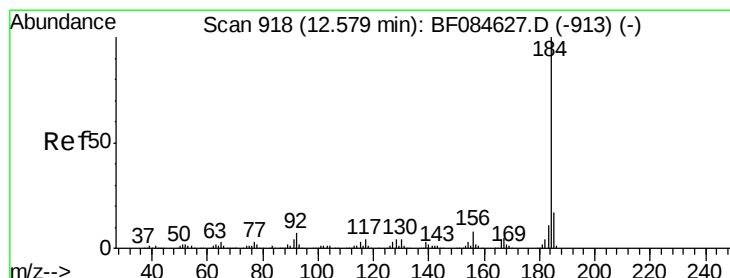
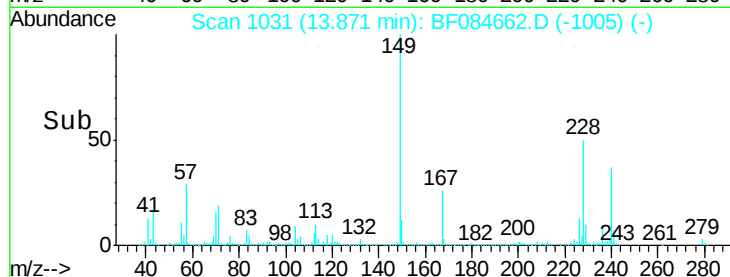
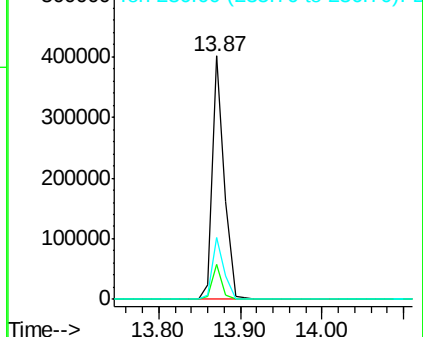
236 25.5 20.6 31.0



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: 2.22 ng

RT: 12.59 min Scan# 919

Delta R.T. 0.01 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

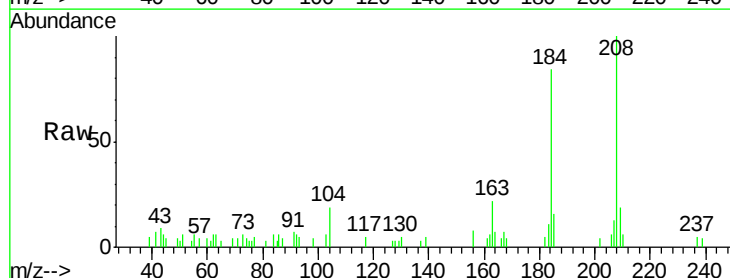
Tgt Ion:184 Resp: 34603

Ion Ratio Lower Upper

184 100

185 19.4 12.2 18.2#

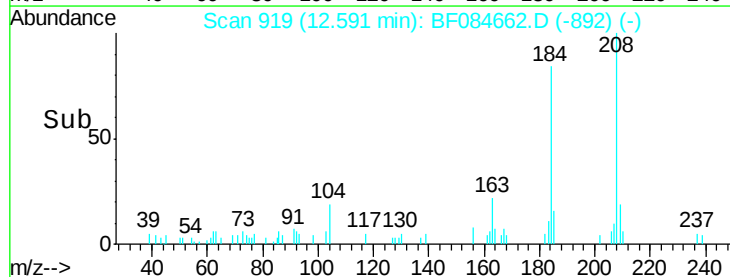
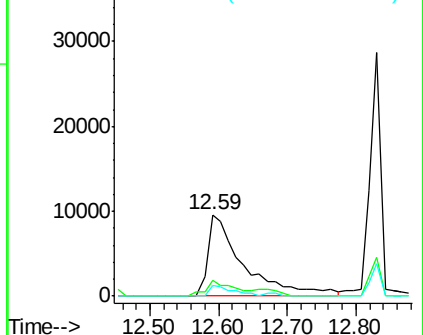
183 13.3 9.8 14.8

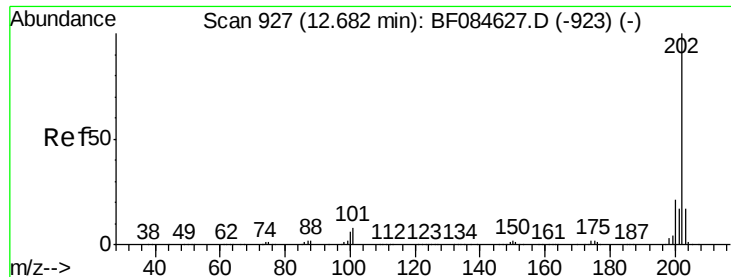


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

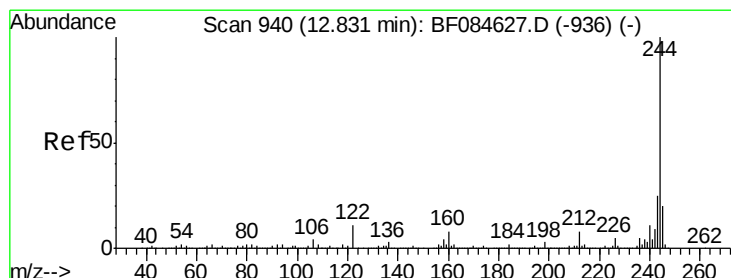
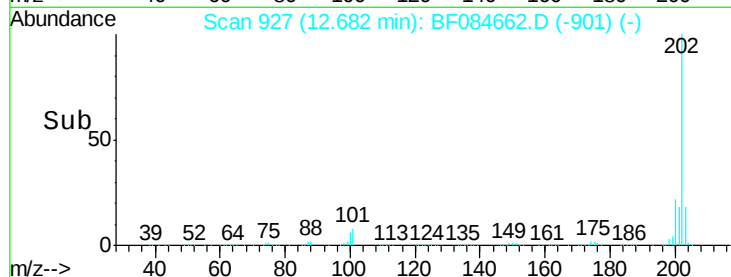
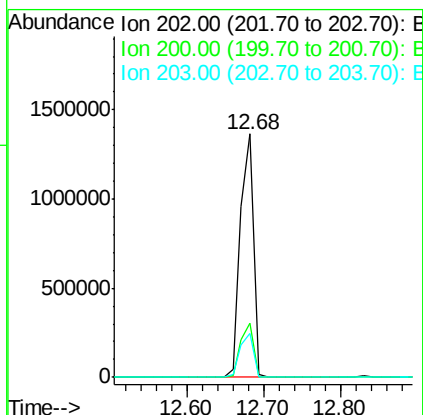
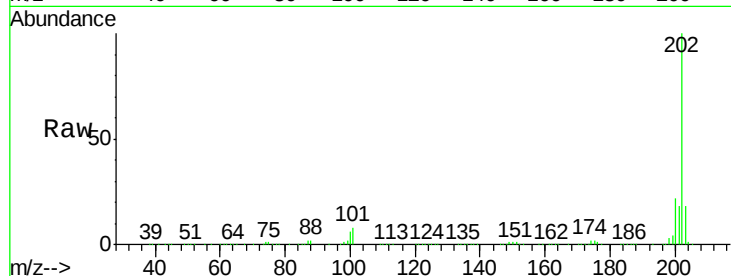




#77
 Pyrene
 Concen: 53.19 ng
 RT: 12.68 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF084662.D
 Acq: 30 Jan 2016 3:46

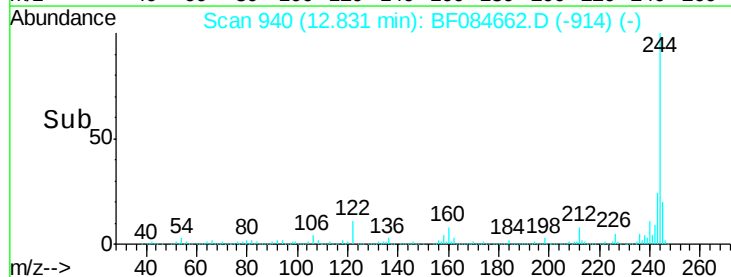
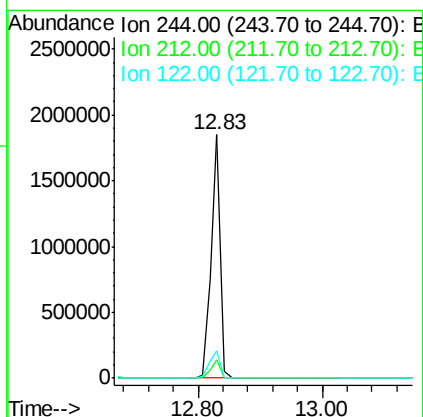
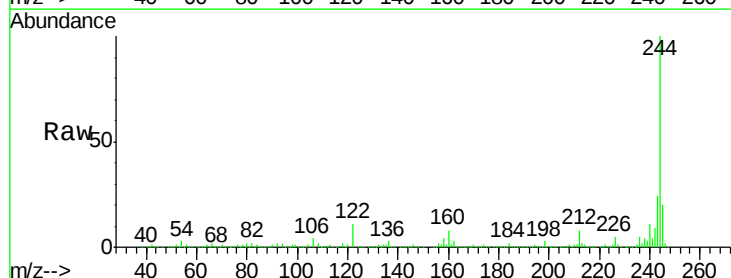
Instrument :
 BNA_F
 ClientSampleId :
 SCARBOROUGH1516-00(0-4)MS

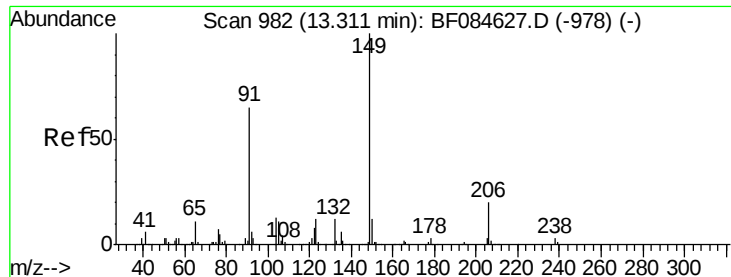
Tgt Ion: 202 Resp: 1643305
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.2 25.8
 203 18.1 14.3 21.5



#78
 Terphenyl-d14
 Concen: 102.36 ng
 RT: 12.83 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF084662.D
 Acq: 30 Jan 2016 3:46

Tgt Ion: 244 Resp: 1856693
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 11.4 7.4 11.0#

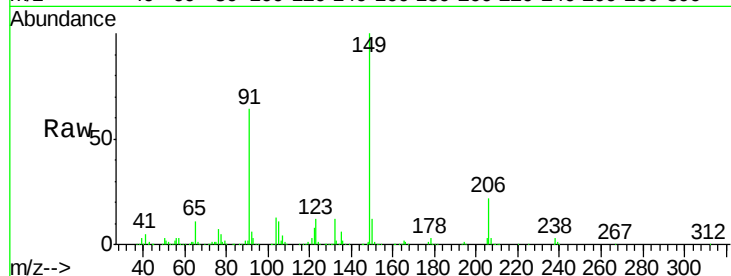




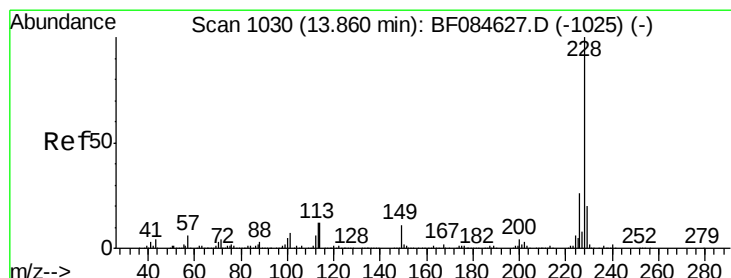
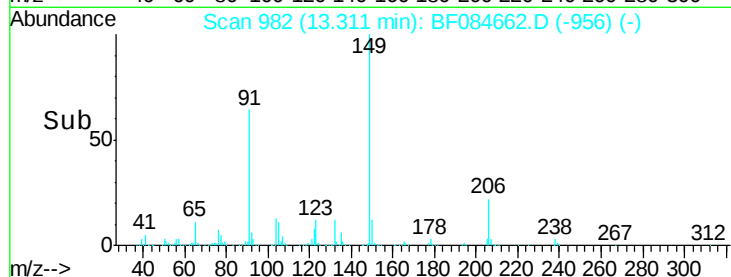
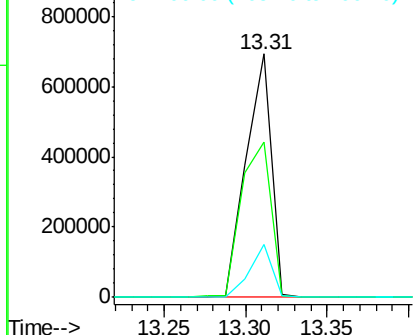
#79
Butylbenzylphthalate
Concen: 56.37 ng
RT: 13.31 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

Instrument :
BNA_F
ClientSampleId :
SCARBOROUGH1516-00(0-4)MS

Tgt Ion:149 Resp: 744026
Ion Ratio Lower Upper
149 100
91 63.7 57.6 86.4
206 21.6 13.2 19.8#

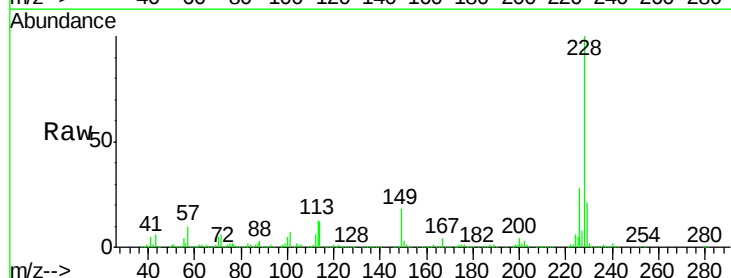


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

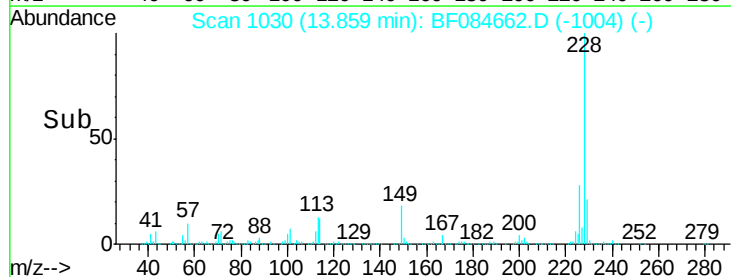
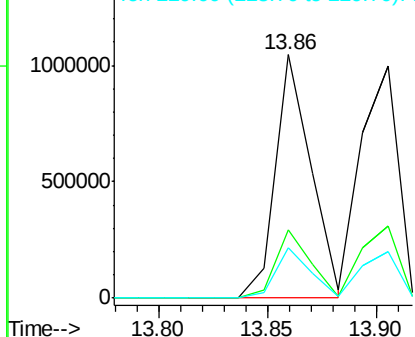


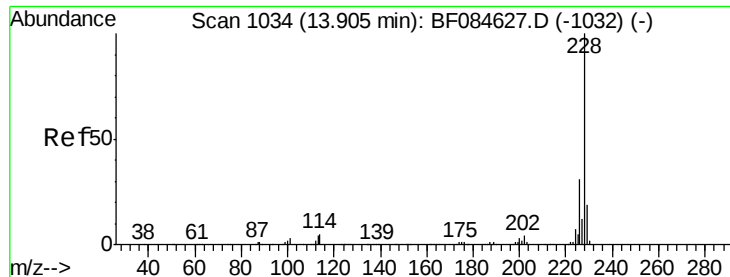
#80
Benzo(a)anthracene
Concen: 46.83 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

Tgt Ion:228 Resp: 1195866
Ion Ratio Lower Upper
228 100
226 28.3 21.8 32.6
229 20.9 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





#82

Chrysene

Concen: 48.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

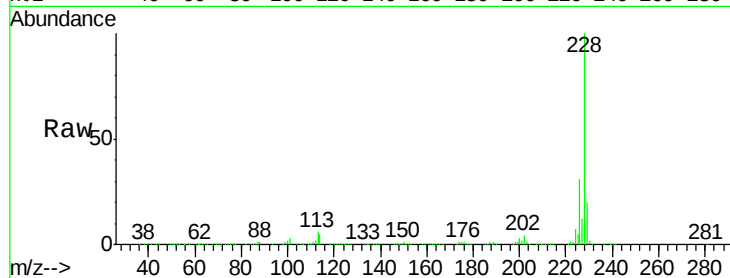
Tgt Ion:228 Resp: 1208111

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

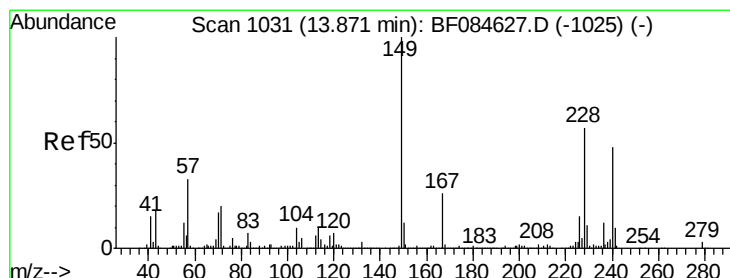
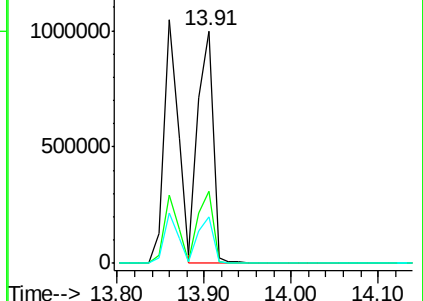
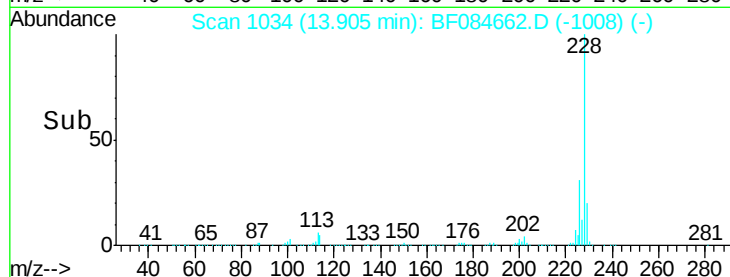
229 20.2 16.1 24.1



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: 54.08 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

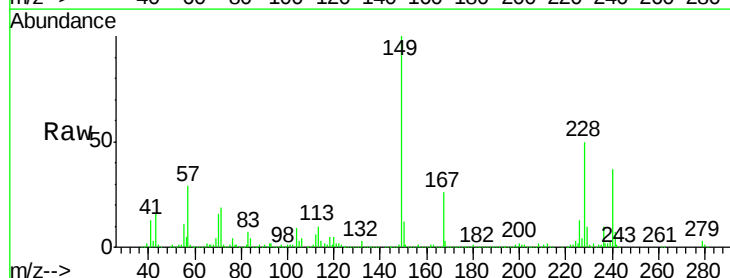
Tgt Ion:149 Resp: 926037

Ion Ratio Lower Upper

149 100

167 26.2 19.7 29.5

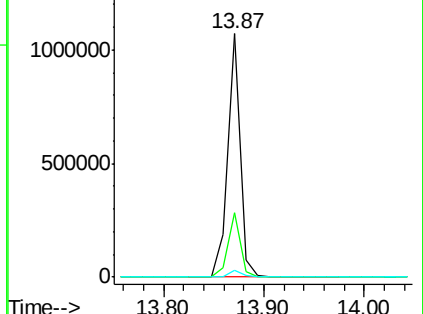
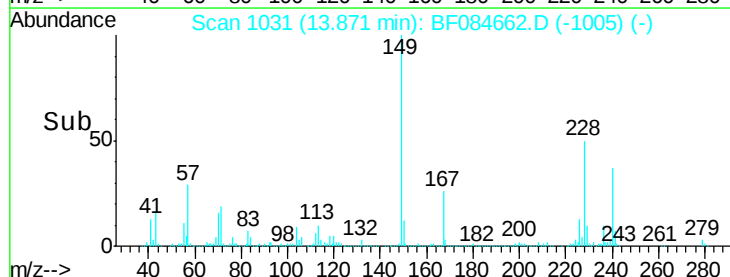
279 3.0 1.8 2.6#

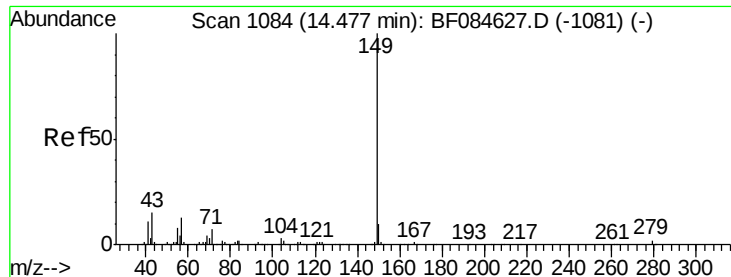


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 54.09 ng

RT: 14.48 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

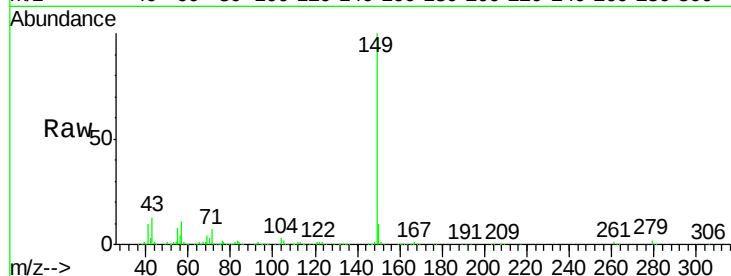
Tgt Ion:149 Resp: 1463411

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

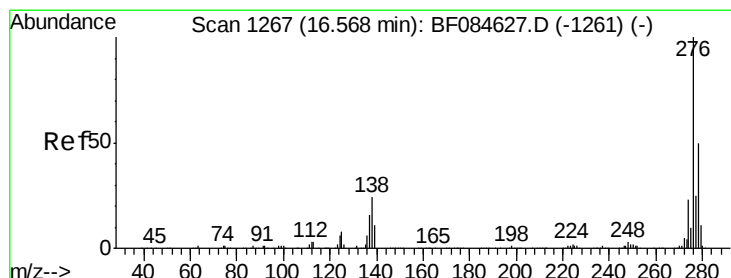
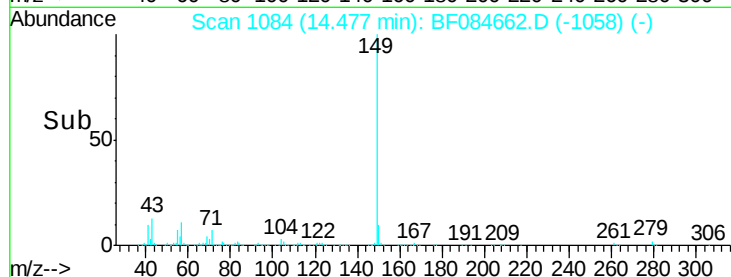
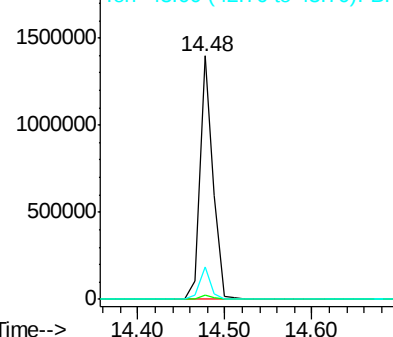
43 11.5 5.6 8.4#



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: 40.95 ng

RT: 16.57 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

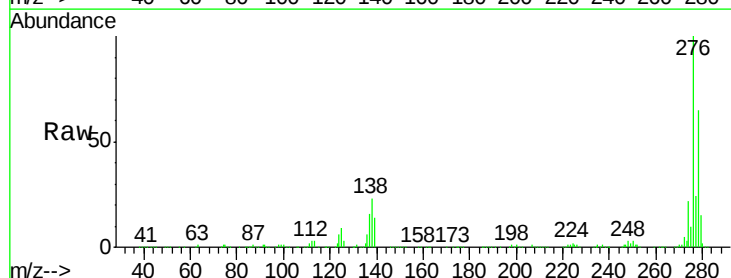
Tgt Ion:276 Resp: 911211

Ion Ratio Lower Upper

276 100

138 25.4 20.6 30.8

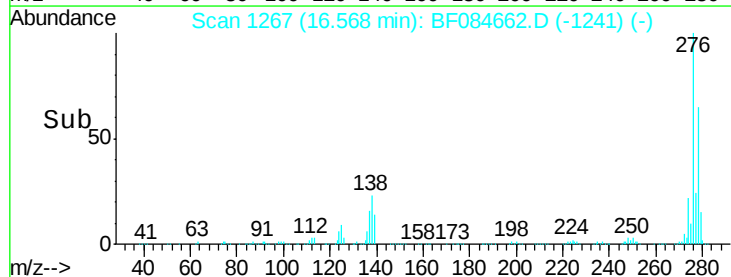
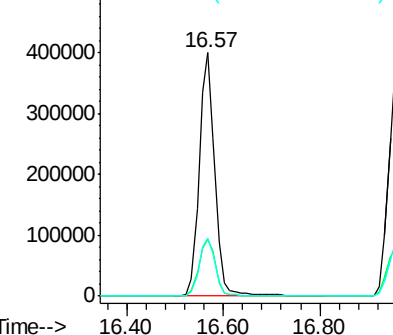
277 24.8 20.1 30.1

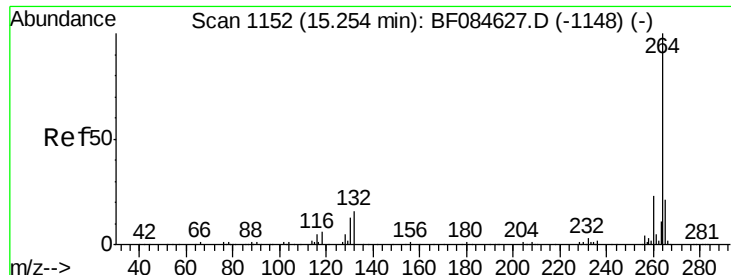


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

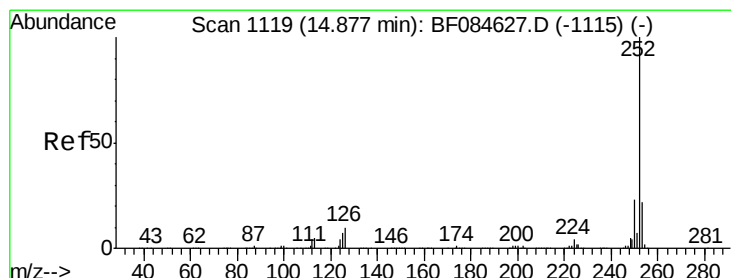
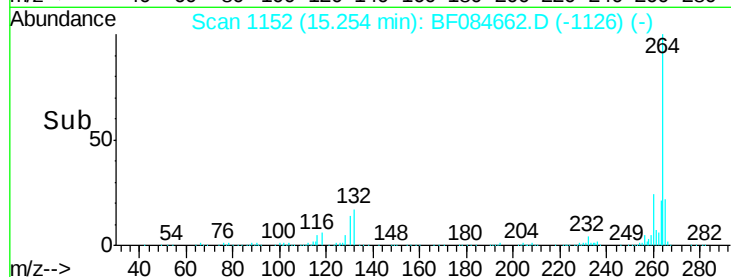
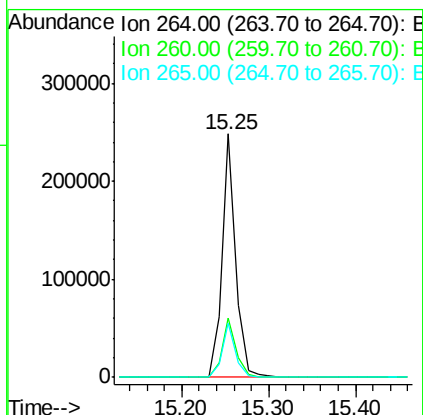
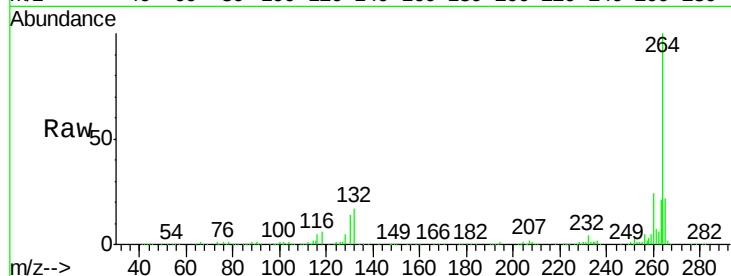




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

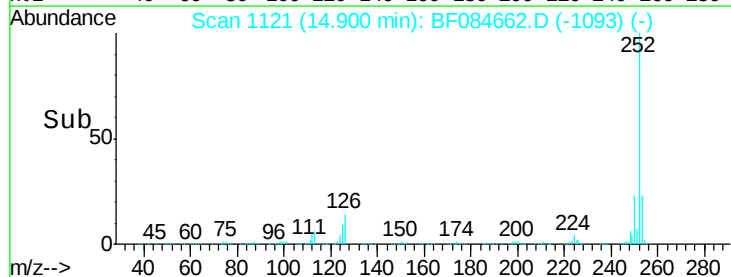
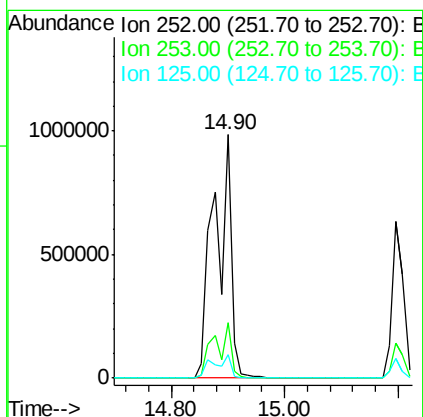
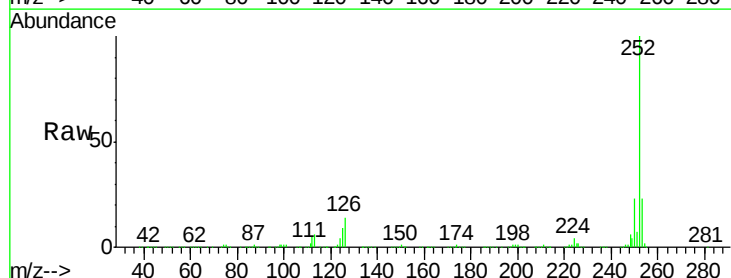
Instrument :
BNA_F
ClientSampleId :
SCARBOROUGH1516-00(0-4)MS

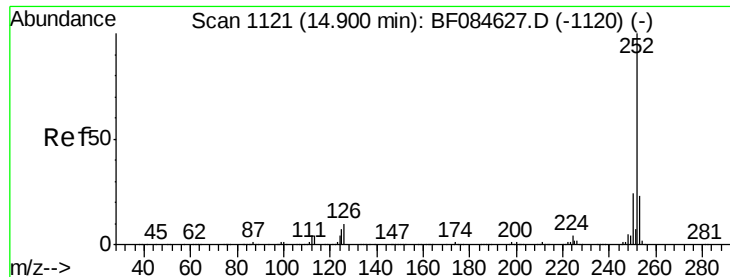
Tgt Ion: 264 Resp: 276099
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 22.0 17.8 26.6



#87
Benzo(b)fluoranthene
Concen: 112.64 ng
RT: 14.90 min Scan# 1121
Delta R.T. 0.02 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

Tgt Ion: 252 Resp: 2013788
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 9.5 6.5 9.7

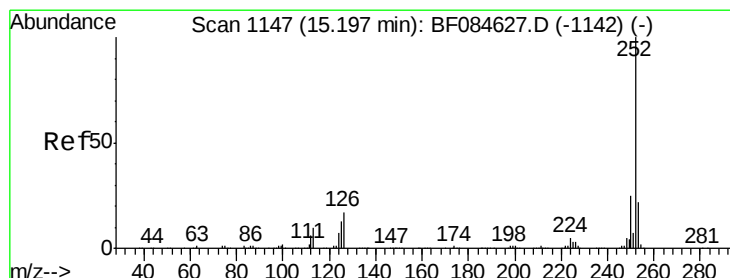
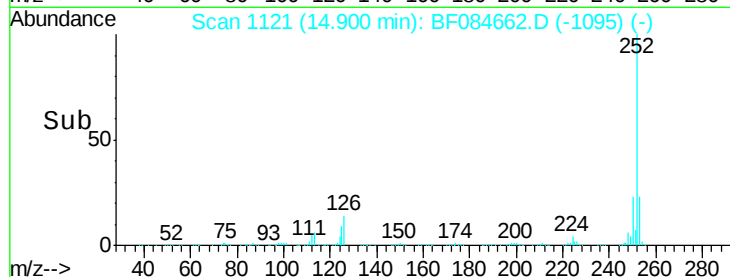
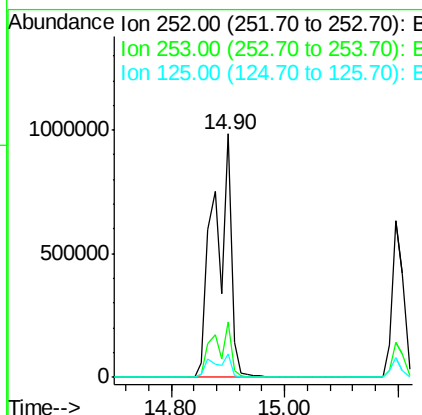
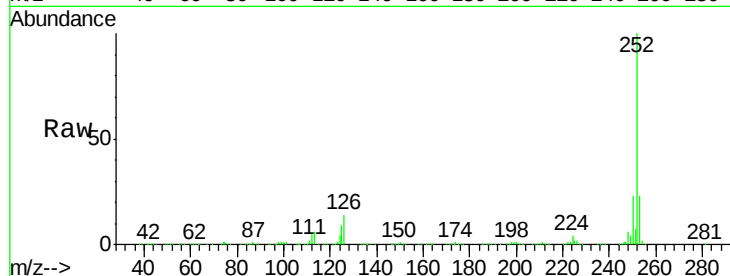




#88
Benzo(k)fluoranthene
Concen: 136.37 ng
RT: 14.90 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

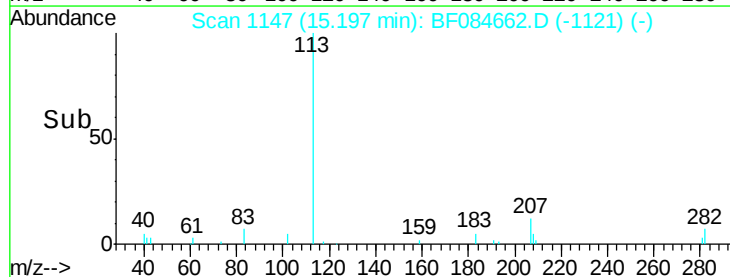
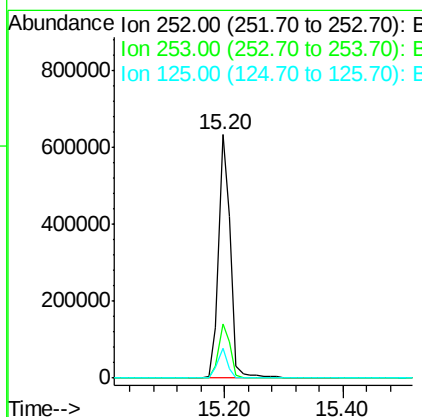
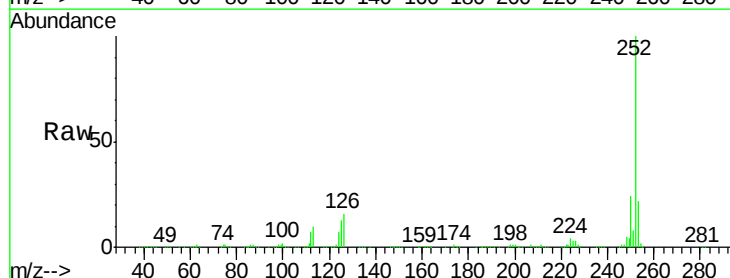
Instrument :
BNA_F
ClientSampleId :
SCARBOROUGH1516-00(0-4)MS

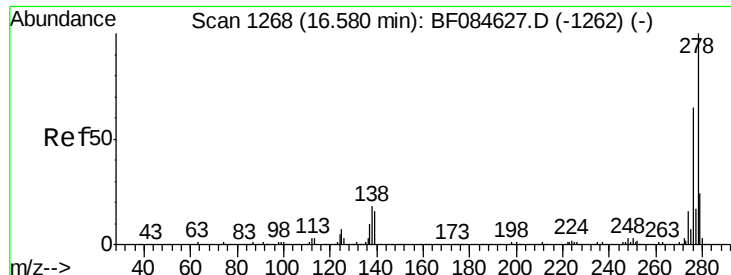
Tgt Ion:252 Resp: 2013788
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 9.5 9.0 13.6



#89
Benzo(a)pyrene
Concen: 55.53 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF084662.D
Acq: 30 Jan 2016 3:46

Tgt Ion:252 Resp: 858788
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 12.5 7.0 10.4#





#90

Dibenzo(a,h)anthracene

Concen: 55.61 ng

RT: 16.58 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SCARBOROUGH1516-00(0-4)MS

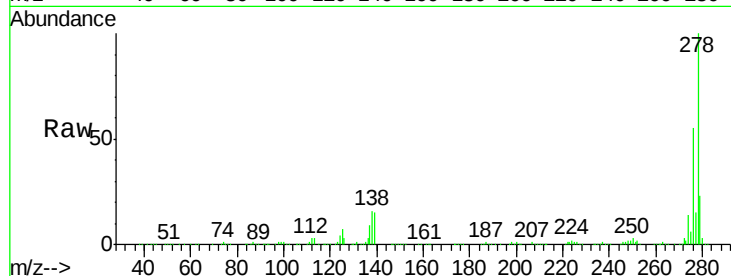
Tgt Ion: 278 Resp: 775008

Ion Ratio Lower Upper

278 100

139 15.4 15.0 22.4

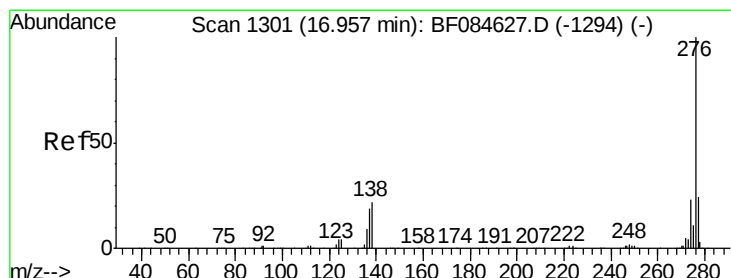
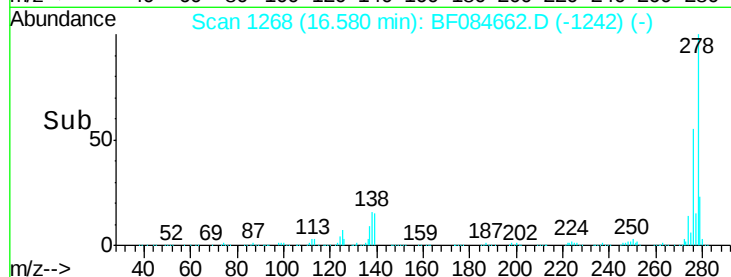
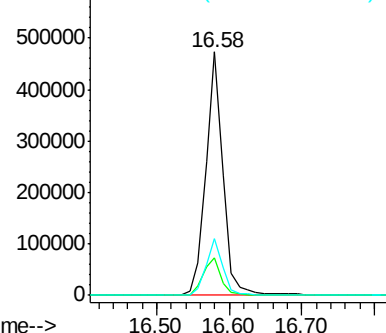
279 23.2 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 54.64 ng

RT: 16.96 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF084662.D

Acq: 30 Jan 2016 3:46

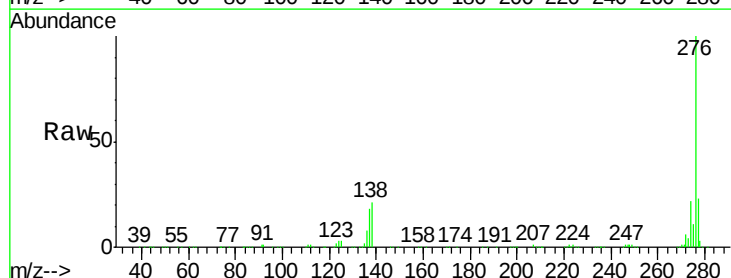
Tgt Ion: 276 Resp: 768801

Ion Ratio Lower Upper

276 100

277 22.8 18.8 28.2

138 20.5 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

