

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
 Data File : BF084678.D
 Acq On : 30 Jan 2016 11:36
 Operator : SJ/IZ
 Sample : H1257-03MS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B015(6-9)MS

Quant Time: Feb 01 00:24:35 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	173286	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	667319	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	311318	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	544729	20.00	ng	0.00
75) Chrysene-d12	13.87	240	314928	20.00	ng	0.00
86) Perylene-d12	15.25	264	348523	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1351874	117.76	ng	0.02
7) Phenol-d6	6.38	99	1668811	121.29	ng	0.01
23) Nitrobenzene-d5	7.30	82	1070209	89.63	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	399315	122.38	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1537931	73.43	ng	0.00
78) Terphenyl-d14	12.83	244	1211967	86.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	167597	31.31	ng	# 76
3) Pyridine	2.97	79	404794	28.39	ng	# 76
4) n-Nitrosodimethylamine	2.92	42	269097	38.59	ng	# 86
6) Aniline	6.38	93	288362	16.33	ng	# 24
8) 2-Chlorophenol	6.51	128	478107	37.55	ng	89
9) Benzaldehyde	6.27	77	37059	4.65	ng	89
10) Phenol	6.40	94	625734	40.81	ng	90
11) bis(2-Chloroethyl)ether	6.46	93	464022	38.91	ng	# 82
12) 1,3-Dichlorobenzene	6.90	146	492401	36.09	ng	99
13) 1,4-Dichlorobenzene	6.74	146	482869	36.06	ng	98
14) 1,2-Dichlorobenzene	6.90	146	492573	39.95	ng	97
15) Benzyl Alcohol	6.88	79	395547	42.24	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.01	45	749718	36.73	ng	89
17) 2-Methylphenol	7.00	107	417047	42.25	ng	95
18) Hexachloroethane	7.24	117	201551	38.48	ng	# 87
19) n-Nitroso-di-n-propylamine	7.15	70	338107	40.23	ng	# 74
20) 3+4-Methylphenols	7.15	107	493865	41.23	ng	# 72
22) Acetophenone	7.14	105	699897	40.16	ng	# 98
24) Nitrobenzene	7.31	77	464019	36.56	ng	92
25) Isophorone	7.56	82	948193	42.39	ng	95
26) 2-Nitrophenol	7.63	139	256267	42.46	ng	# 84
27) 2,4-Dimethylphenol	7.68	122	409246	38.70	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	568951	42.38	ng	98
29) 2,4-Dichlorophenol	7.88	162	409541	44.27	ng	96
30) 1,2,4-Trichlorobenzene	7.96	180	412158	38.96	ng	# 92
31) Naphthalene	8.03	128	1353190	40.17	ng	99
32) Benzoic acid	7.79	122	114786	14.14	ng	98
33) 4-Chloroaniline	8.09	127	130382	9.52	ng	97
34) Hexachlorobutadiene	8.16	225	248011	39.67	ng	99
35) Caprolactam	8.45	113	136469	51.41	ng	# 48
36) 4-Chloro-3-methylphenol	8.59	107	462315	45.39	ng	93
37) 2-Methylnaphthalene	8.73	142	986386	47.70	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	359483	35.61	ng	99
40) Hexachlorocyclopentadiene	8.88	237	278023	60.57	ng	98

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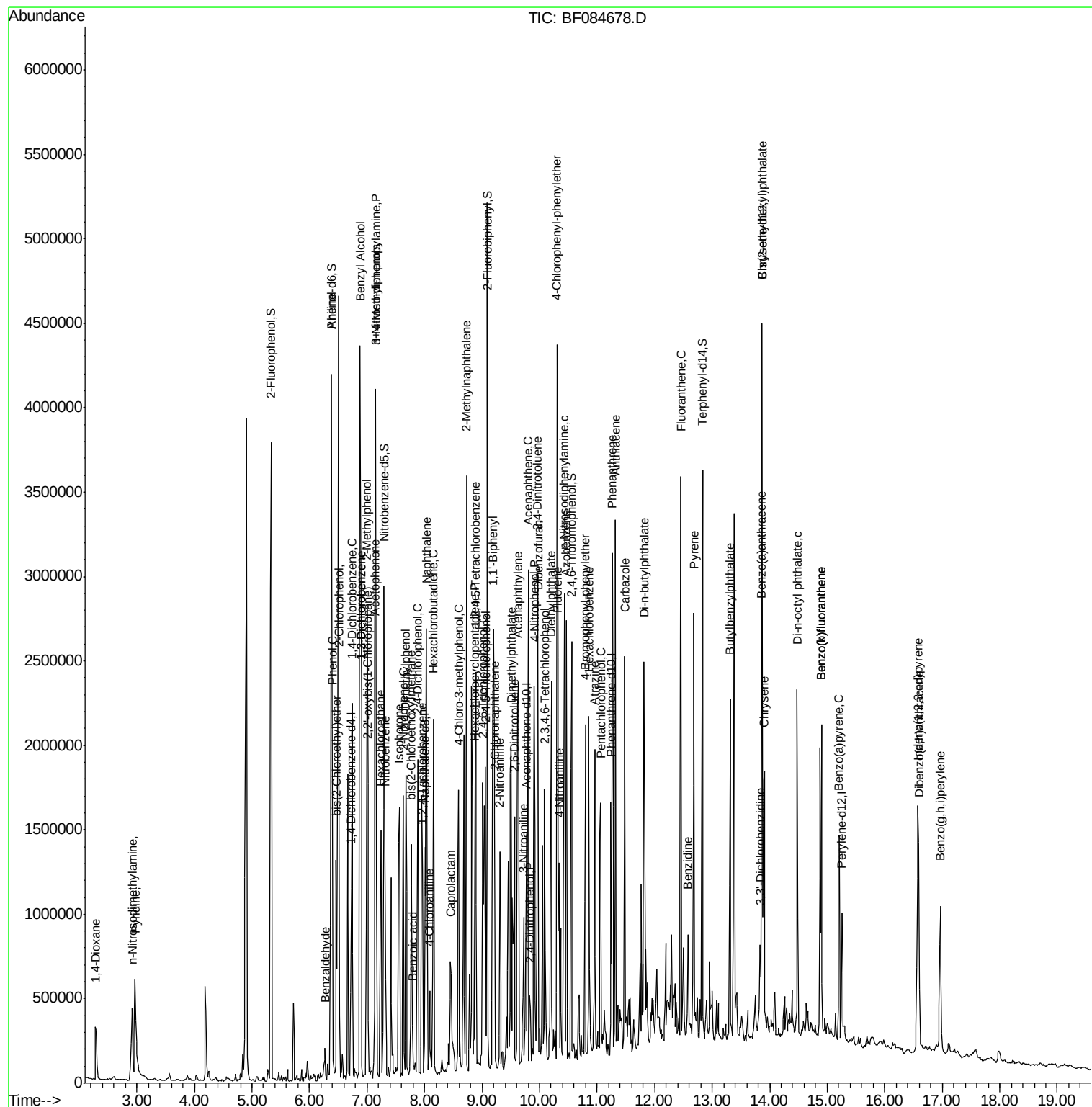
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	274771	43.81	ng	93
43) 2,4,5-Trichlorophenol	9.06	196	280206	43.27	ng	96
45) 1,1'-Biphenyl	9.20	154	1100675	38.58	ng	96
46) 2-Chloronaphthalene	9.22	162	794504	38.17	ng	# 85
47) 2-Nitroaniline	9.31	65	245422	39.26	ng	99
48) Acenaphthylene	9.63	152	1277086	40.49	ng	99
49) Dimethylphthalate	9.50	163	1151009	49.26	ng	# 92
50) 2,6-Dinitrotoluene	9.56	165	233589	45.44	ng	93
51) Acenaphthene	9.80	154	867726	41.08	ng	98
52) 3-Nitroaniline	9.72	138	126775	23.60	ng	94
53) 2,4-Dinitrophenol	9.84	184	71303	28.11	ng	# 83
54) Dibenzofuran	9.97	168	1131373	44.88	ng	98
55) 4-Nitrophenol	9.90	139	322667	81.77	ng	# 82
56) 2,4-Dinitrotoluene	9.96	165	297729	44.58	ng	95
57) Fluorene	10.32	166	861017	40.30	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	210087	42.91	ng	# 90
59) Diethylphthalate	10.20	149	975096	42.63	ng	96
60) 4-Chlorophenyl-phenylether	10.30	204	374034	38.99	ng	92
61) 4-Nitroaniline	10.34	138	219531	43.17	ng	91
62) Azobenzene	10.46	77	977045	44.63	ng	92
65) n-Nitrosodiphenylamine	10.43	169	820737	46.47	ng	98
66) 4-Bromophenyl-phenylether	10.80	248	263637	42.97	ng	# 91
67) Hexachlorobenzene	10.85	284	246408	36.92	ng	# 80
68) Atrazine	10.96	200	232424	43.92	ng	99
69) Pentachlorophenol	11.06	266	228458	70.86	ng	99
70) Phenanthrene	11.26	178	1395797	46.34	ng	97
71) Anthracene	11.32	178	1322444	43.18	ng	100
72) Carbazole	11.48	167	1116478	42.30	ng	98
73) Di-n-butylphthalate	11.81	149	1310582	40.83	ng	# 96
74) Fluoranthene	12.45	202	1282348	43.06	ng	96
76) Benzidine	12.58	184	219052	18.29	ng	99
77) Pyrene	12.68	202	1287287	54.19	ng	100
79) Butylbenzylphthalate	13.31	149	514761	50.73	ng	# 90
80) Benzo(a)anthracene	13.86	228	876812	44.66	ng	98
81) 3,3'-Dichlorobenzidine	13.84	252	159836	23.14	ng	# 98
82) Chrysene	13.91	228	866672	44.79	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	641256	48.72	ng	# 98
84) Di-n-octyl phthalate	14.48	149	1006743	48.41	ng	# 89
85) Indeno(1,2,3-cd)pyrene	16.58	276	830528	48.55	ng	99
87) Benzo(b)fluoranthene	14.90	252	1555137	68.91	ng	# 96
88) Benzo(k)fluoranthene	14.90	252	1555137	83.43	ng	99
89) Benzo(a)pyrene	15.21	252	755906	38.72	ng	99
90) Dibenzo(a,h)anthracene	16.59	278	696669	39.60	ng	# 94
91) Benzo(g,h,i)perylene	16.97	276	710778	40.02	ng	99

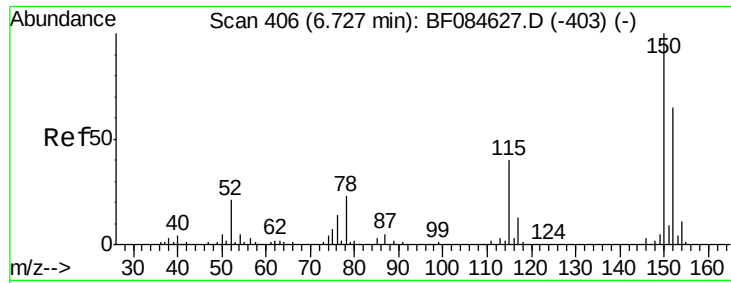
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

SUP-B015(6-9)MS

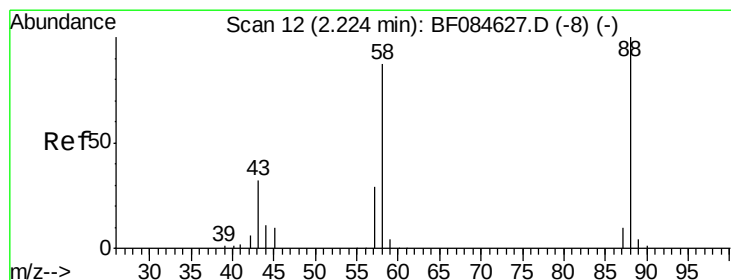
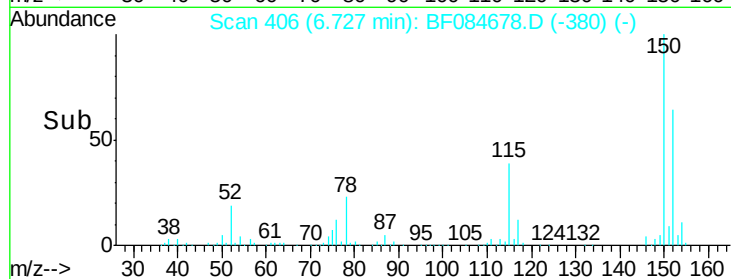
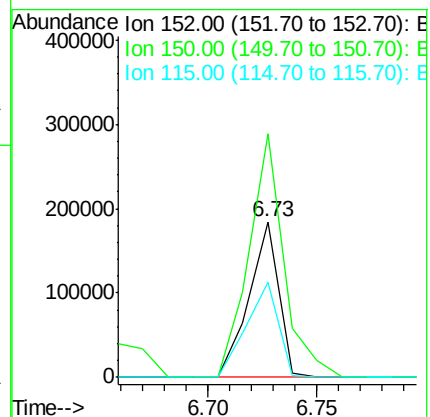
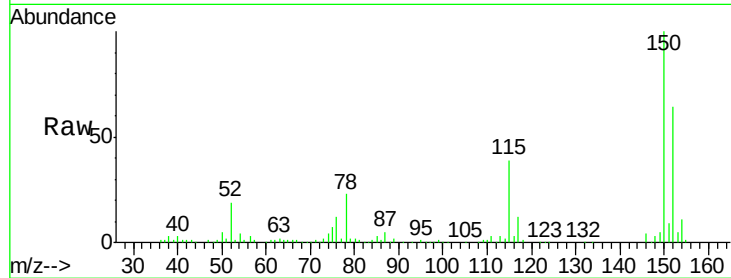
Tgt Ion:152 Resp: 173286

Ion Ratio Lower Upper

152 100

150 156.8 123.0 184.4

115 61.5 51.4 77.2



#2

1,4-Dioxane

Concen: 31.31 ng

RT: 2.28 min Scan# 17

Delta R.T. 0.06 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

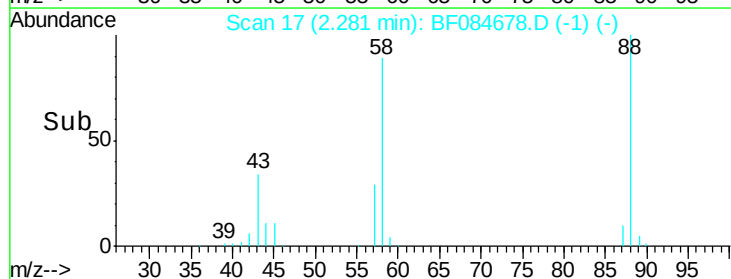
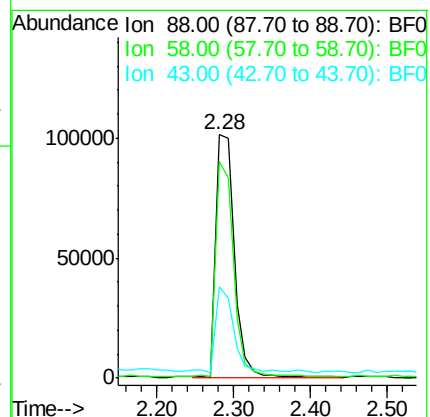
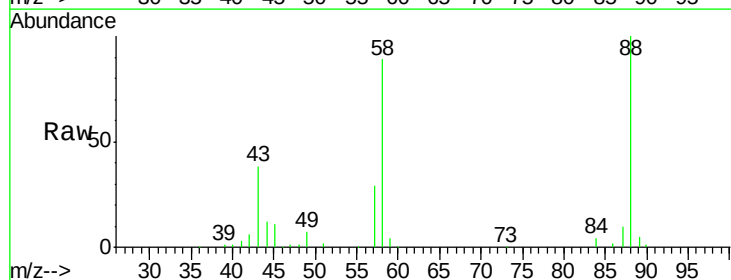
Tgt Ion: 88 Resp: 167597

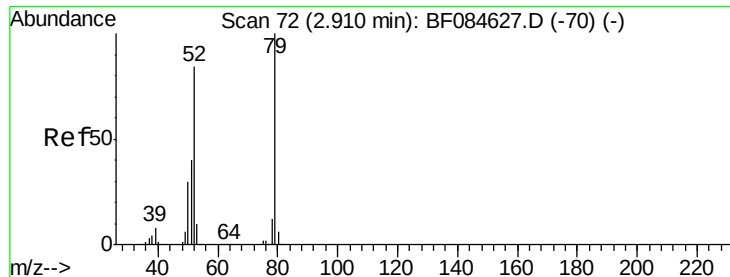
Ion Ratio Lower Upper

88 100

58 85.1 51.2 76.8#

43 33.2 19.5 29.3#





#3

Pyridine

Concen: 28.39 ng

RT: 2.97 min Scan# 77

Delta R.T. 0.06 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

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SUP-B015(6-9)MS

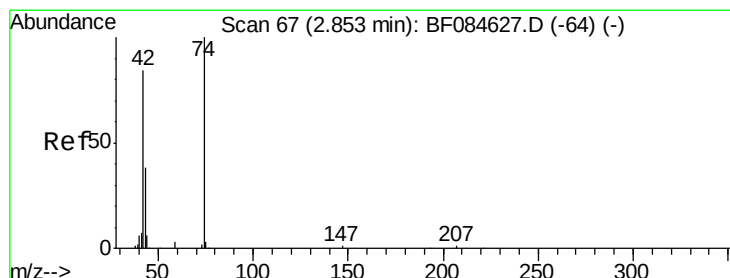
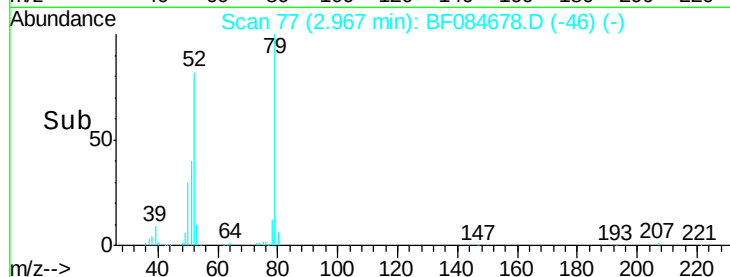
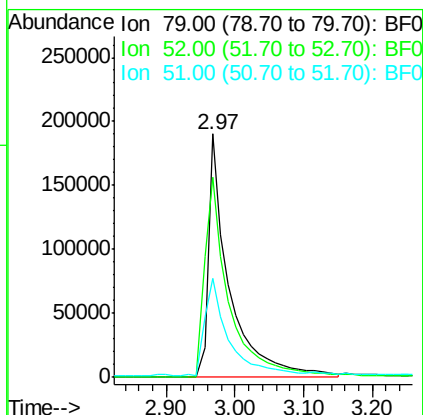
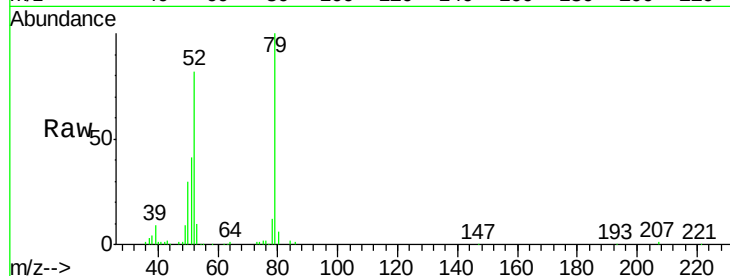
Tgt Ion: 79 Resp: 404794

Ion Ratio Lower Upper

79 100

52 82.2 49.0 73.4#

51 40.9 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 38.59 ng

RT: 2.92 min Scan# 73

Delta R.T. 0.07 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

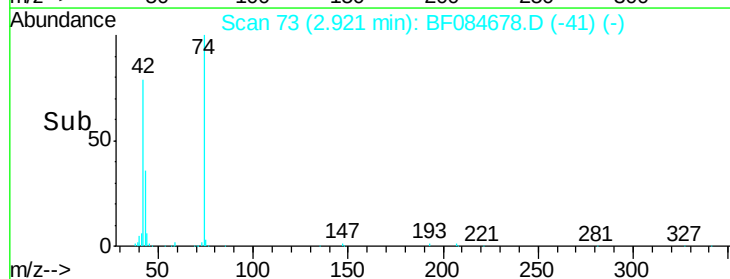
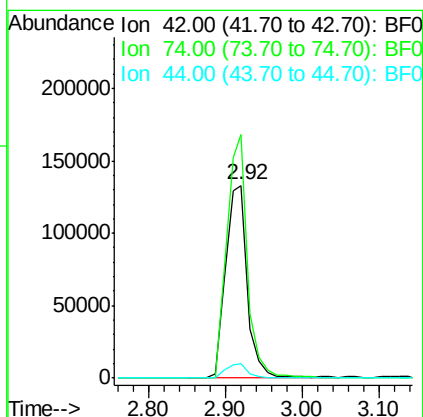
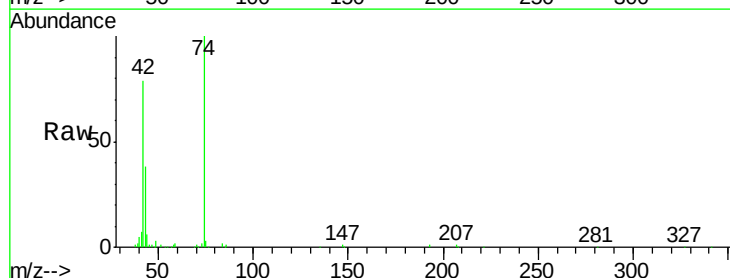
Tgt Ion: 42 Resp: 269097

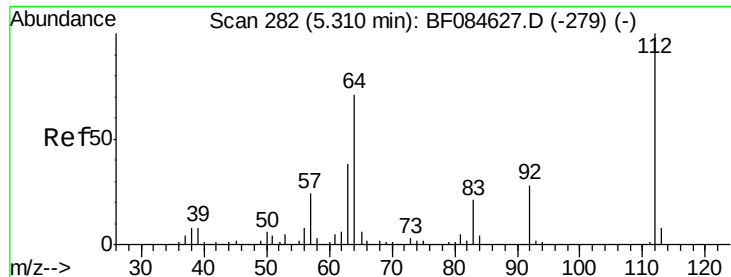
Ion Ratio Lower Upper

42 100

74 126.1 115.7 173.5

44 7.7 5.1 7.7#





#5

2-Fluorophenol

Concen: 117.76 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.02 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

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ClientSampleId :

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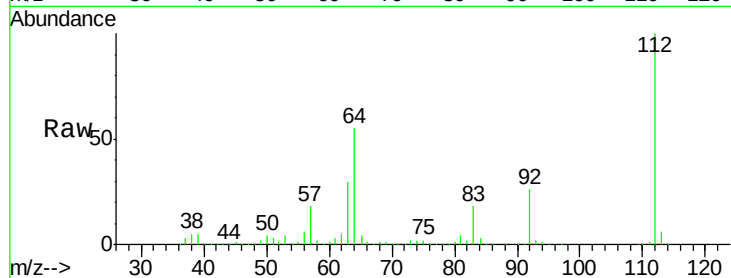
Tgt Ion: 112 Resp: 1351874

Ion Ratio Lower Upper

112 100

64 55.3 36.6 55.0#

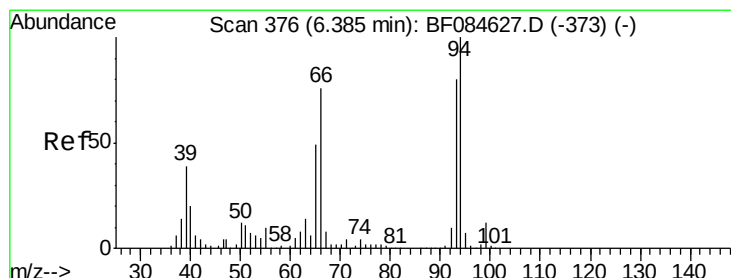
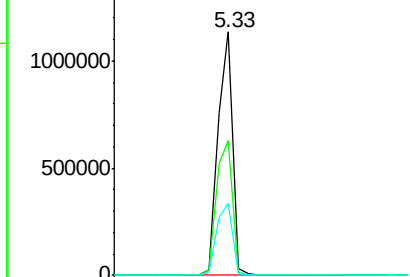
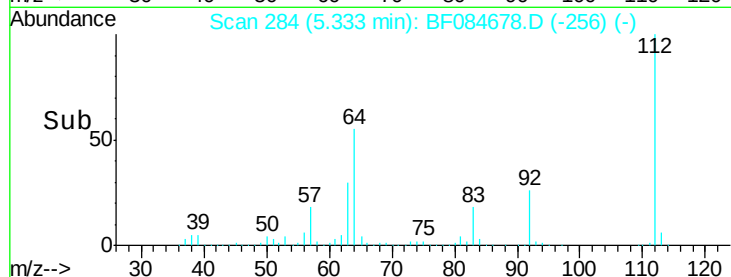
63 29.5 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.33 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

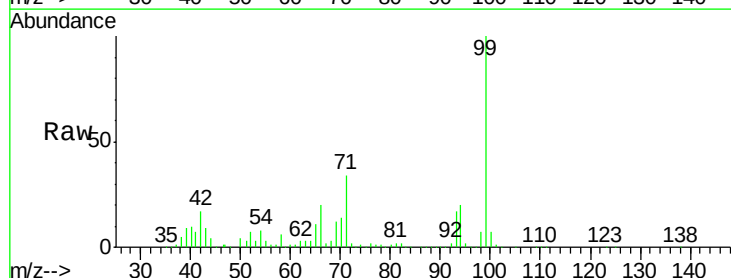
Tgt Ion: 93 Resp: 288362

Ion Ratio Lower Upper

93 100

66 117.4 44.9 67.3#

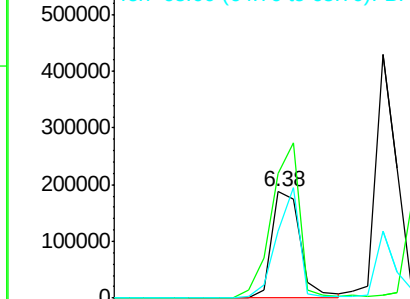
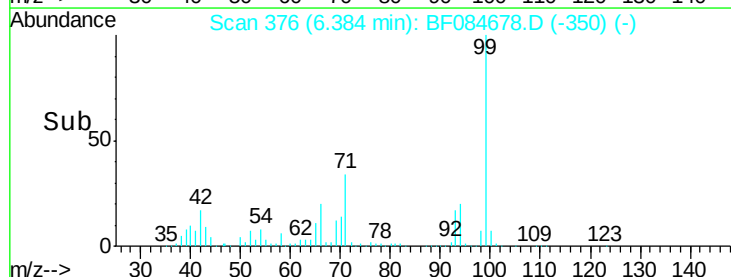
65 62.6 23.7 35.5#

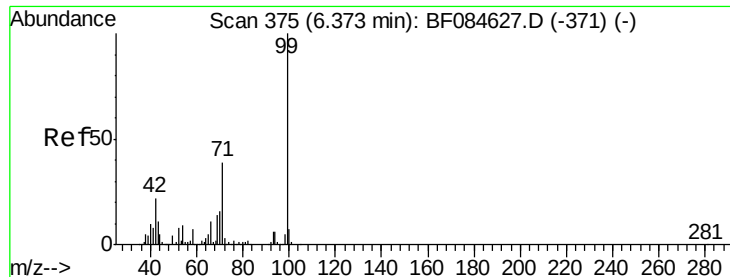


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 121.29 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF084678.D

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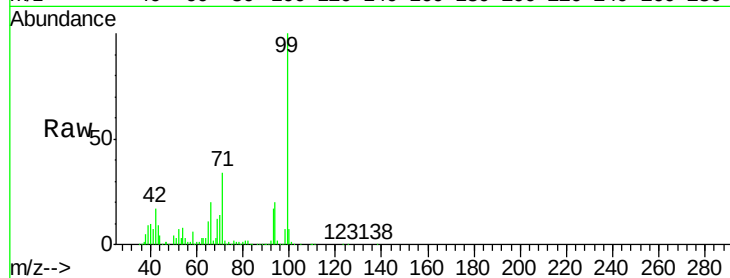
Tgt Ion: 99 Resp: 1668811

Ion Ratio Lower Upper

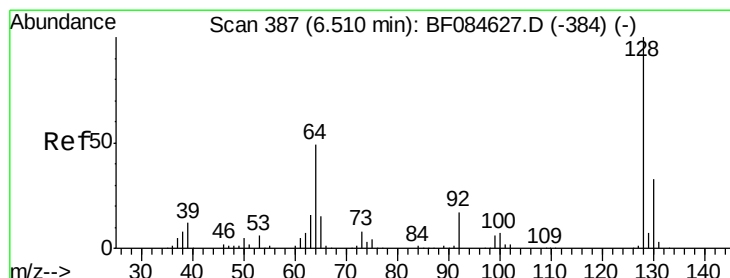
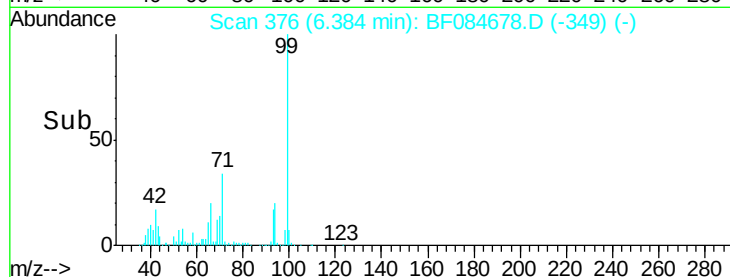
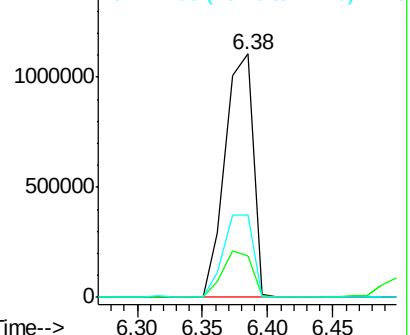
99 100

42 17.2 12.8 19.2

71 33.7 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: 37.55 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

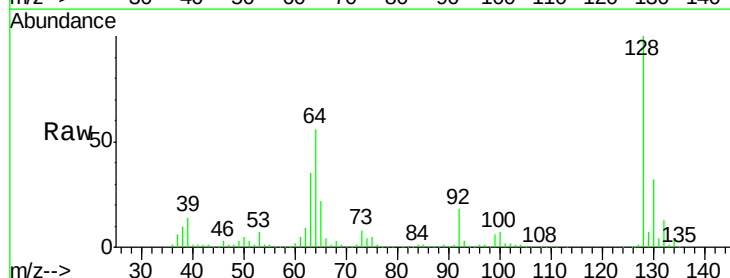
Tgt Ion: 128 Resp: 478107

Ion Ratio Lower Upper

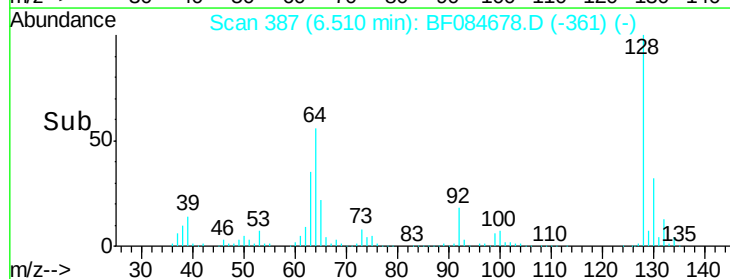
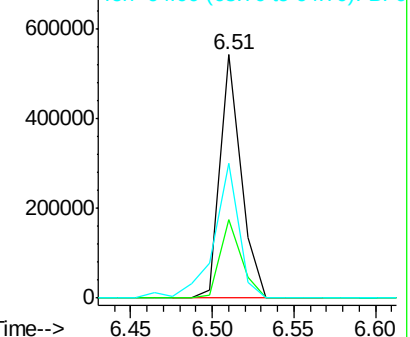
128 100

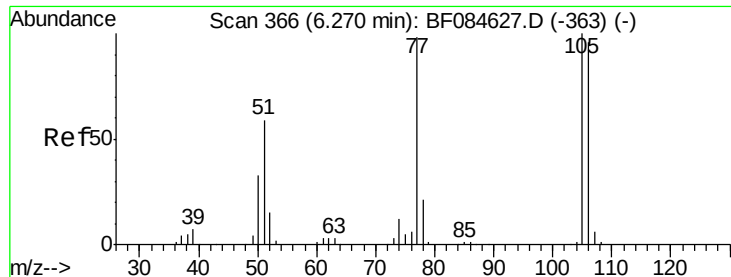
130 32.3 11.6 51.6

64 55.6 23.8 63.8



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





#9

Benzaldehyde

Concen: 4.65 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.00 min

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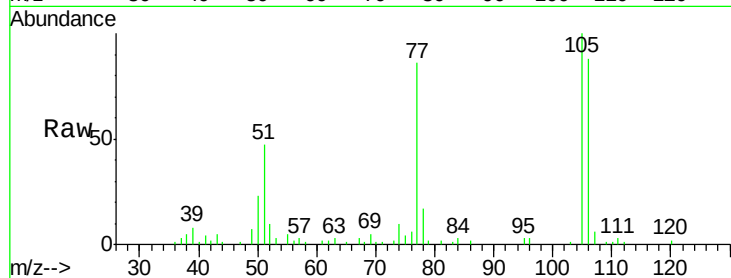
Tgt Ion: 77 Resp: 37059

Ion Ratio Lower Upper

77 100

105 116.1 83.0 123.0

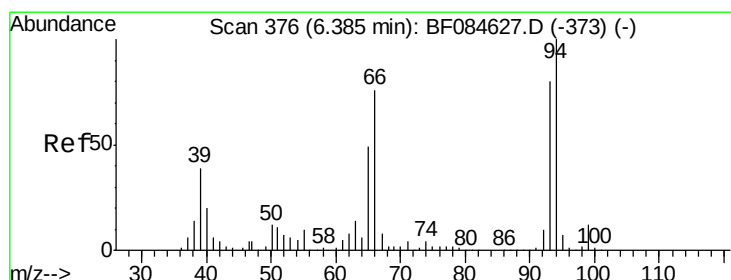
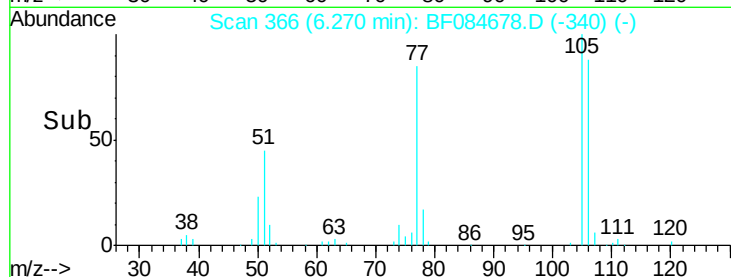
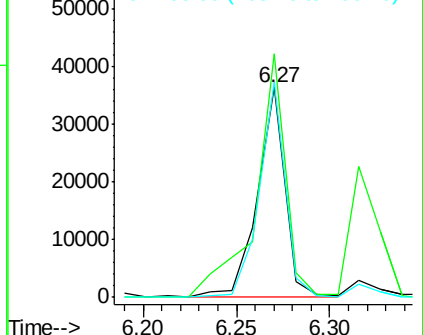
106 102.6 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.81 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

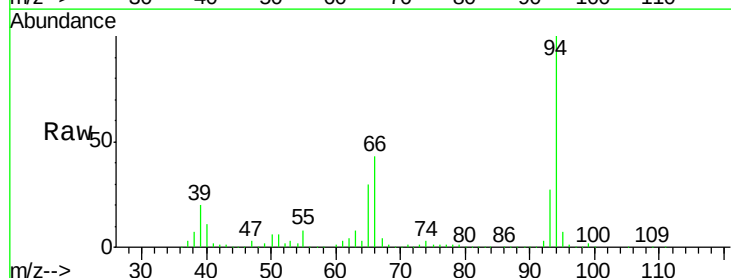
Tgt Ion: 94 Resp: 625734

Ion Ratio Lower Upper

94 100

65 30.4 12.9 52.9

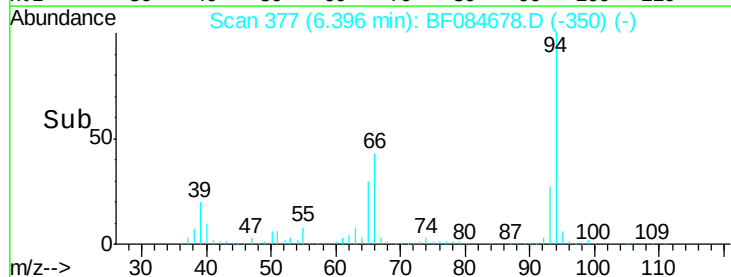
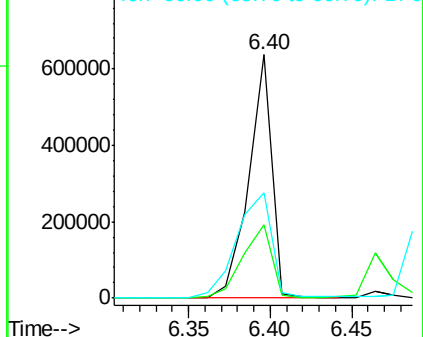
66 43.1 32.7 72.7

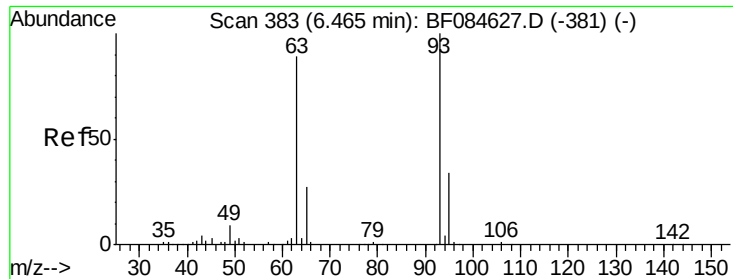


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.91 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

SUP-B015(6-9)MS

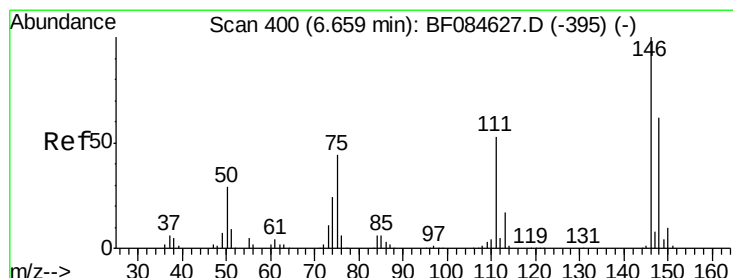
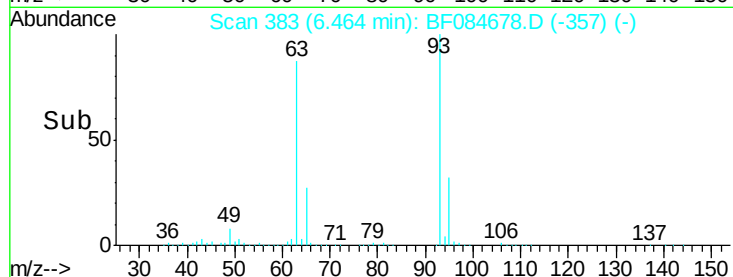
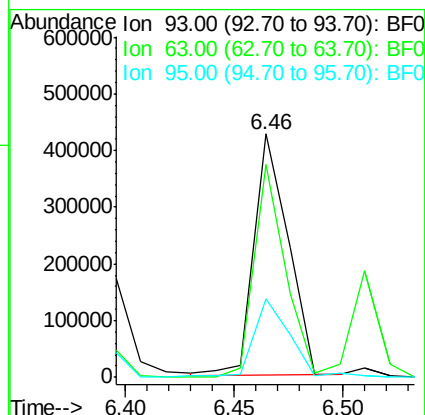
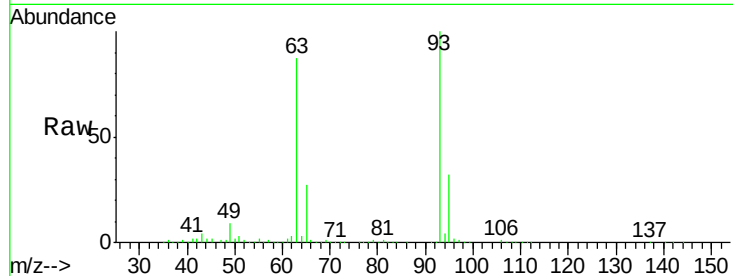
Tgt Ion: 93 Resp: 464022

Ion Ratio Lower Upper

93 100

63 87.5 45.9 85.9#

95 32.4 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 36.09 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.24 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

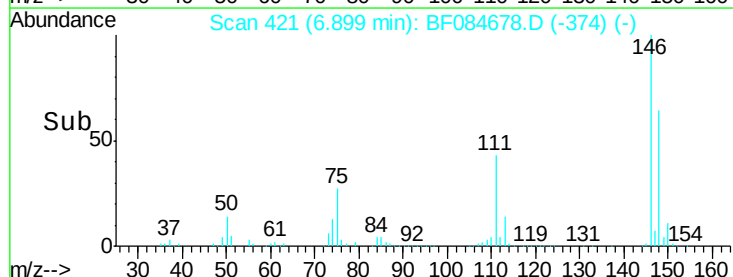
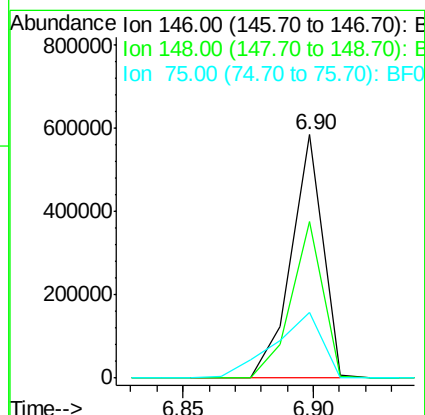
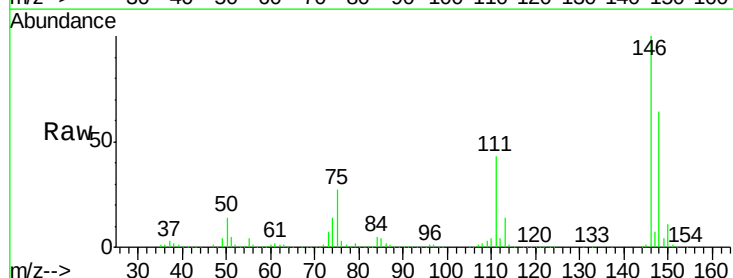
Tgt Ion: 146 Resp: 492401

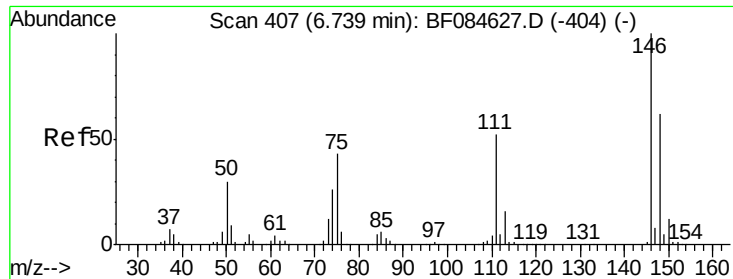
Ion Ratio Lower Upper

146 100

148 64.4 51.9 77.9

75 26.9 20.5 30.7

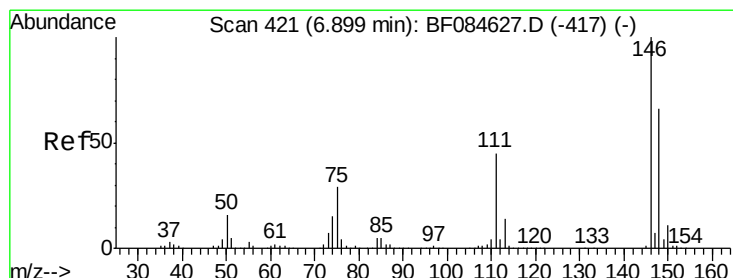
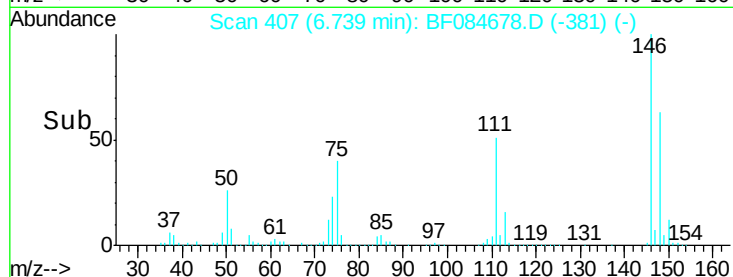
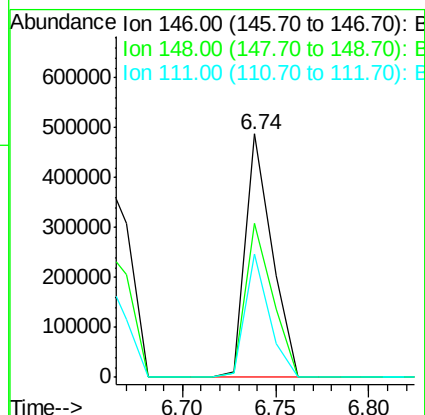
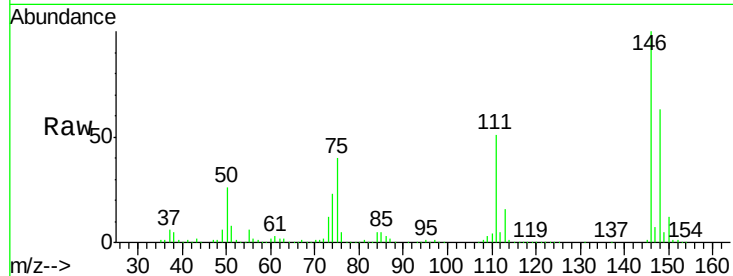




#13
 1,4-Dichlorobenzene
 Concen: 36.06 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.00 min
 Lab File: BF084678.D
 Acq: 30 Jan 2016 11:36

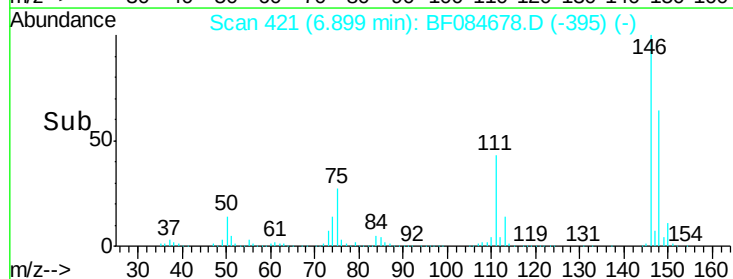
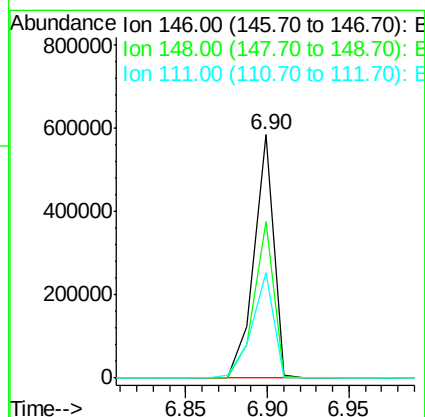
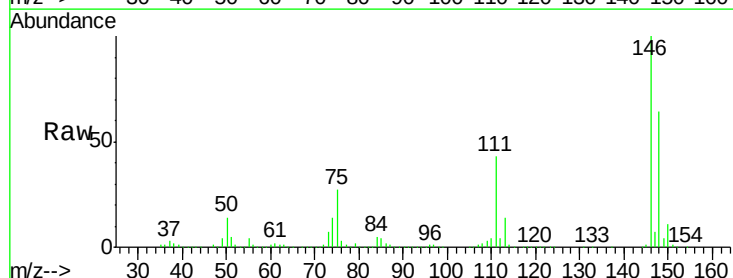
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B015(6-9)MS

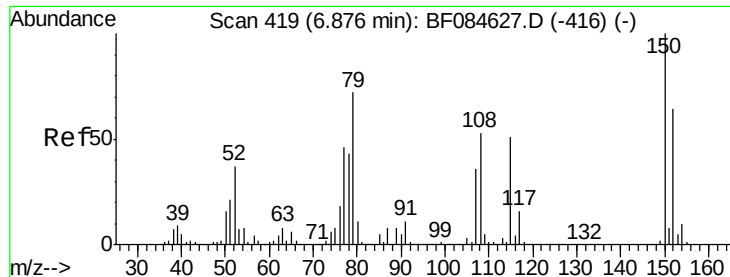
Tgt Ion:146 Resp: 482869
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.9 77.9
 111 50.8 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 39.95 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BF084678.D
 Acq: 30 Jan 2016 11:36

Tgt Ion:146 Resp: 492573
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.6 77.4
 111 43.2 38.0 57.0

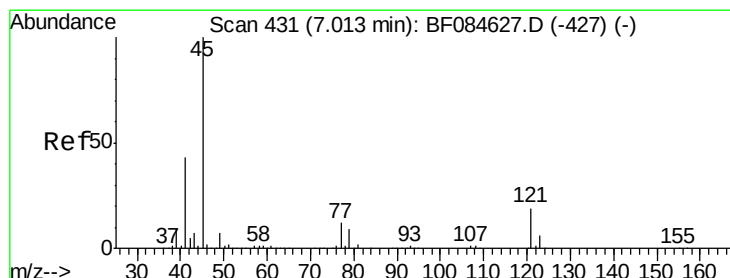
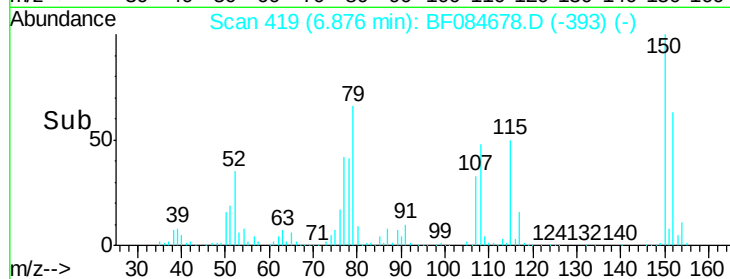
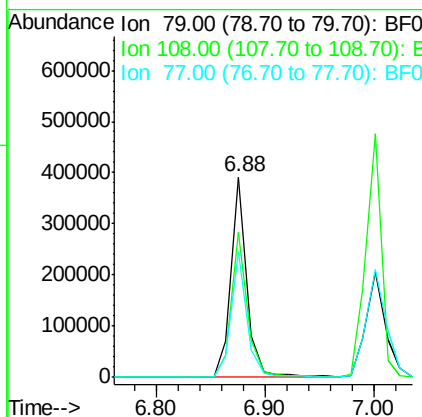
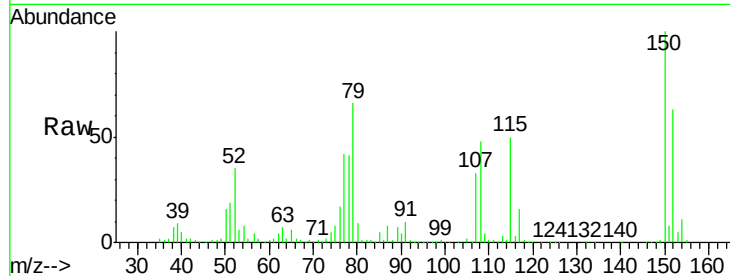




#15
Benzyl Alcohol
Concen: 42.24 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

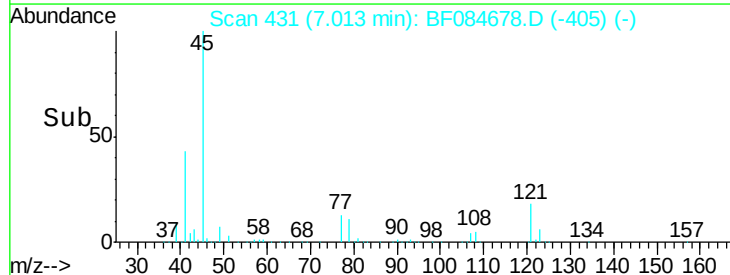
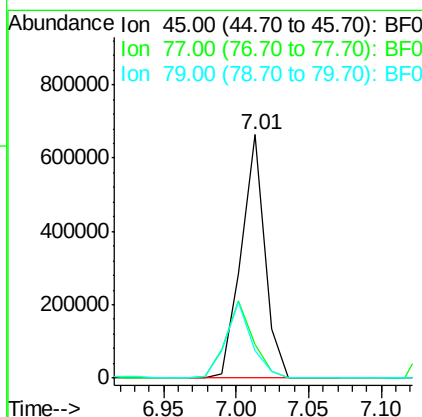
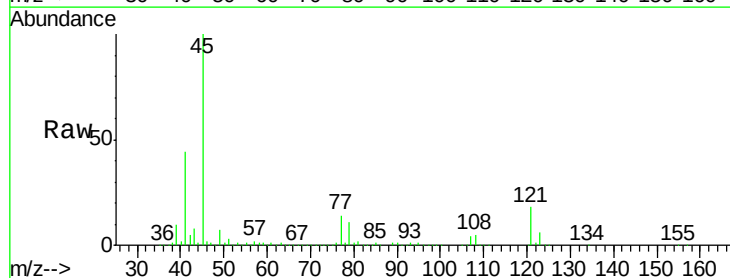
Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)MS

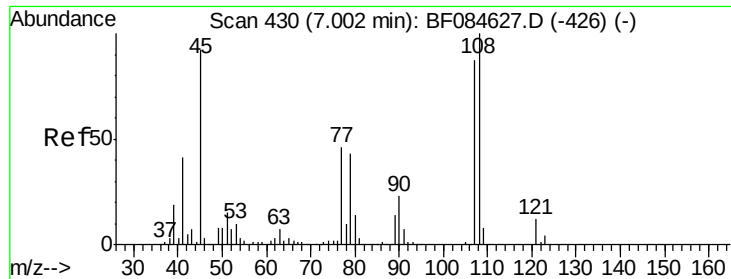
Tgt Ion: 79 Resp: 395547
Ion Ratio Lower Upper
79 100
108 72.7 69.0 103.4
77 63.2 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.73 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Tgt Ion: 45 Resp: 749718
Ion Ratio Lower Upper
45 100
77 13.8 0.0 39.6
79 11.0 0.0 35.0

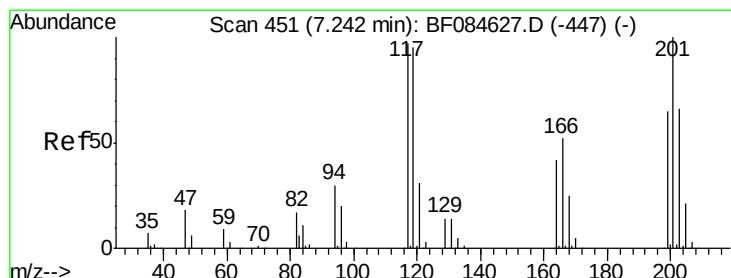
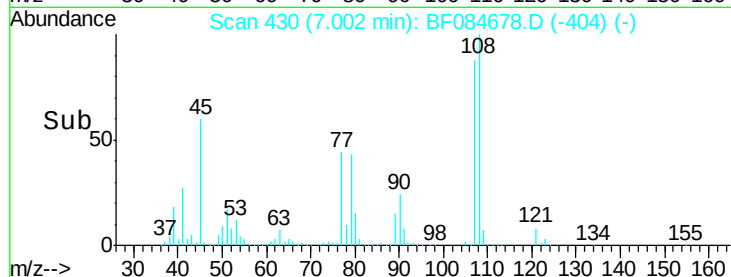
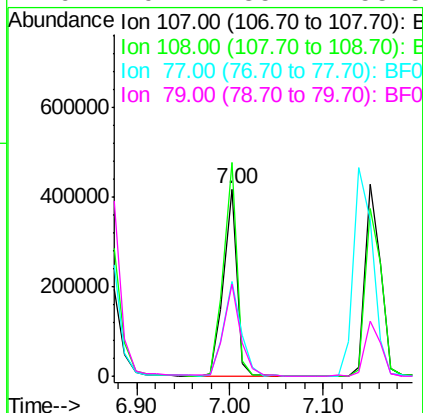
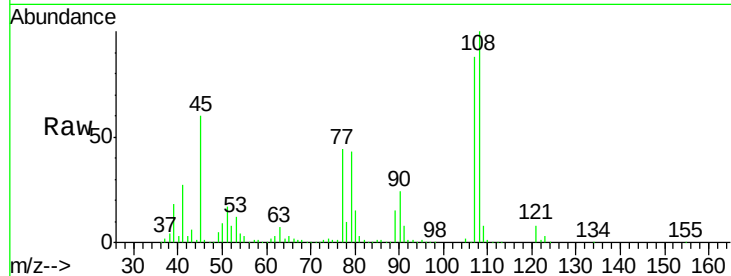




#17
2-Methylphenol
Concen: 42.25 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

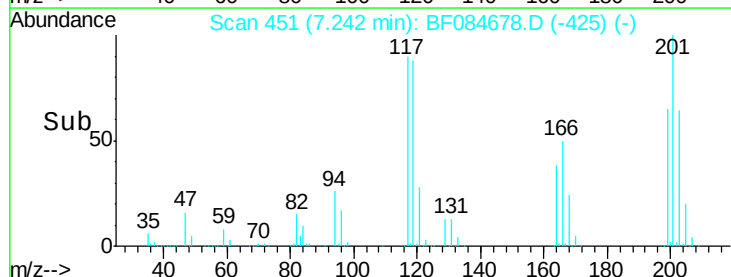
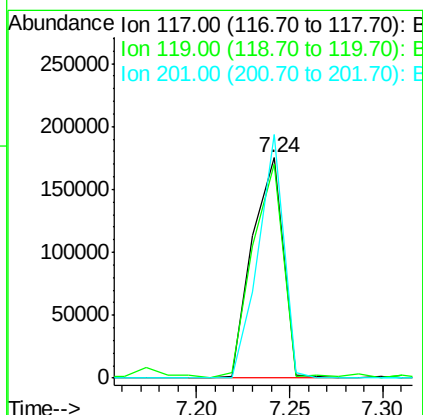
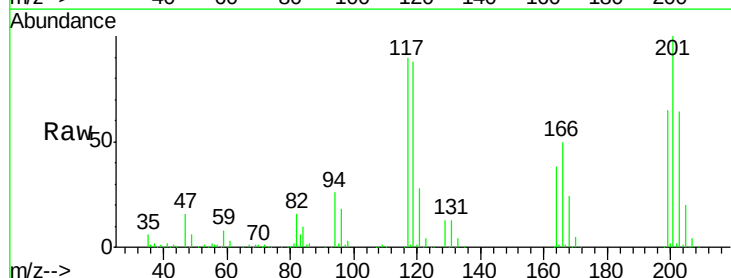
Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)MS

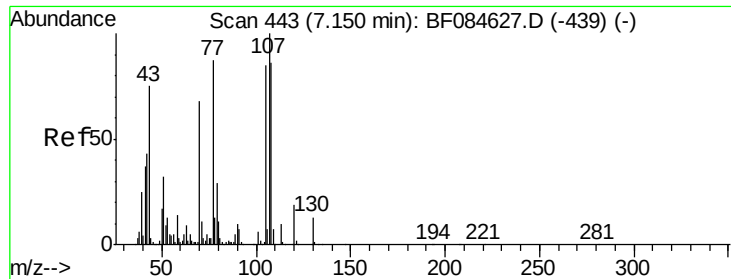
Tgt Ion:	107	Resp:	417047
Ion	Ratio	Lower	Upper
107	100		
108	114.0	89.8	134.6
77	50.7	35.7	53.5
79	49.2	35.7	53.5



#18
Hexachloroethane
Concen: 38.48 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Tgt Ion:	117	Resp:	201551
Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.4	116.0
201	110.6	68.6	103.0#

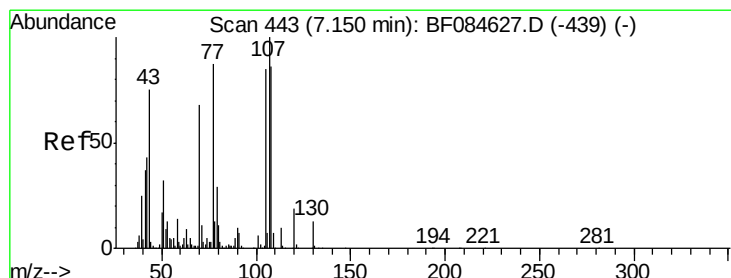
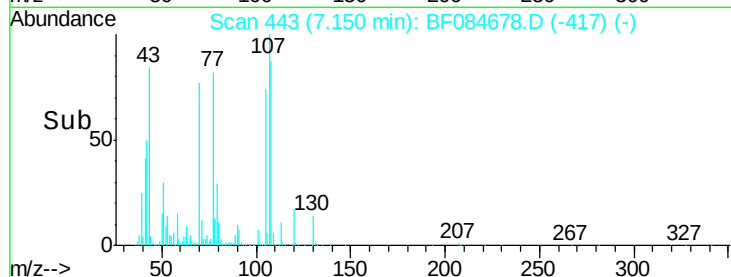
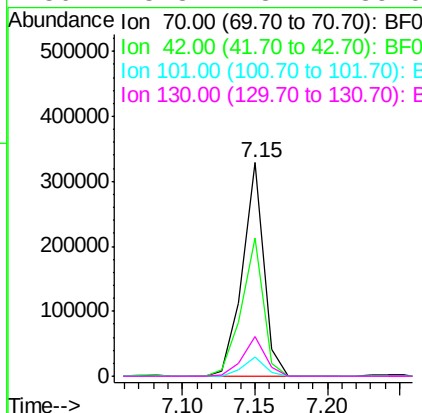
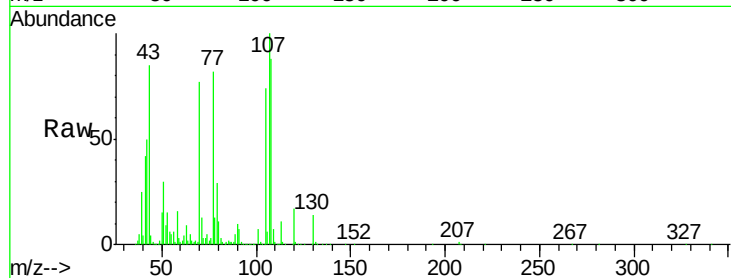




#19
n-Nitroso-di-n-propylamine
Concen: 40.23 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

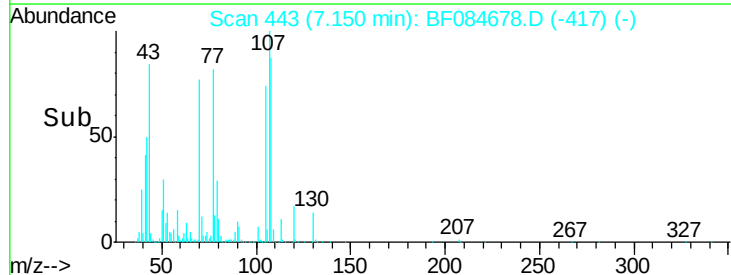
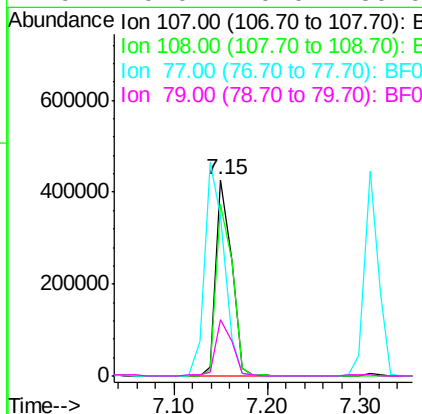
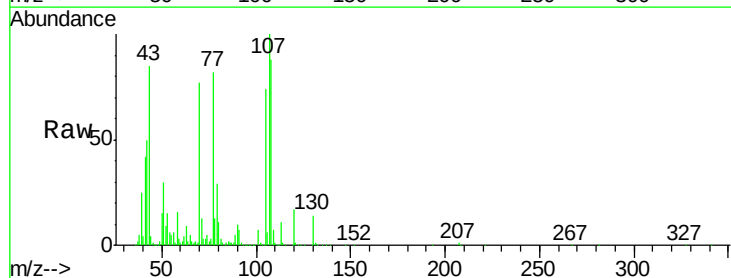
Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)MS

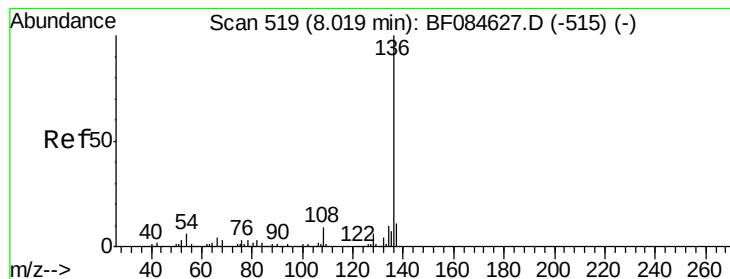
Tgt Ion:	70	Resp:	338107
Ion	Ratio	Lower	Upper
70	100		
42	64.6	33.3	49.9#
101	9.3	9.3	13.9
130	18.8	23.4	35.0#



#20
3+4-Methylphenols
Concen: 41.23 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Tgt Ion:	107	Resp:	493865
Ion	Ratio	Lower	Upper
107	100		
108	87.5	74.6	114.6
77	81.7	0.7	40.7#
79	29.0	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

SUP-B015(6-9)MS

Tgt Ion:136 Resp: 667319

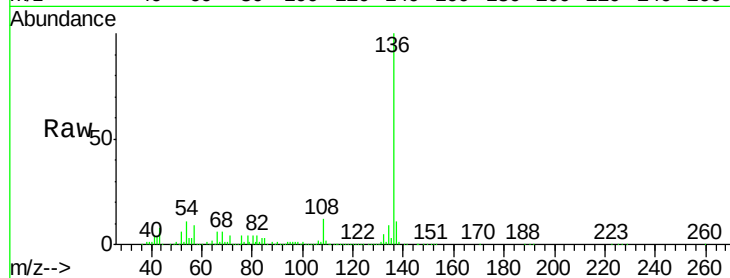
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 11.0 5.8 8.8#

68 5.9 4.2 6.2

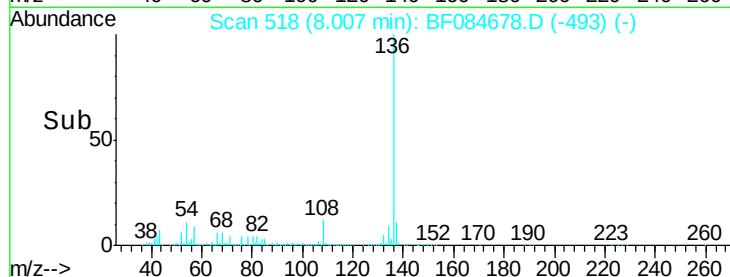


Abundance Ion 136.00 (135.70 to 136.70): E

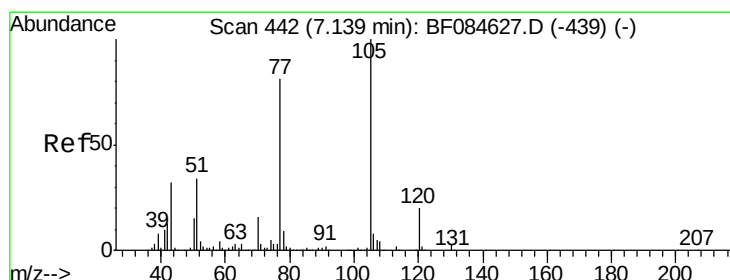
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 7.90 8.00 8.10



#22

Acetophenone

Concen: 40.16 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Tgt Ion:105 Resp: 699897

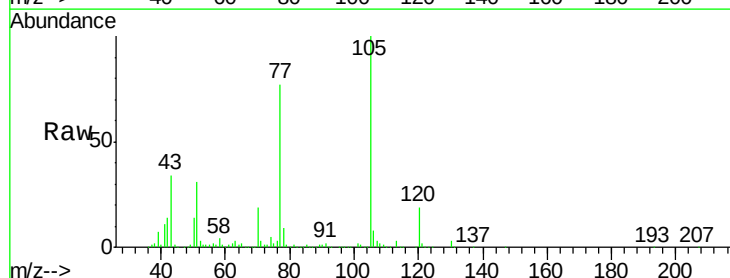
Ion Ratio Lower Upper

105 100

71 3.2 3.7 5.5#

51 31.5 25.1 37.7

120 19.3 16.6 25.0

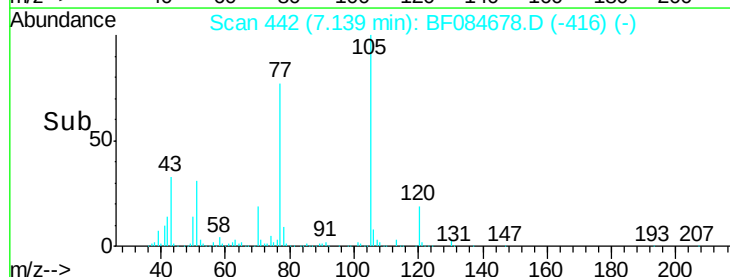


Abundance Ion 105.00 (104.70 to 105.70): E

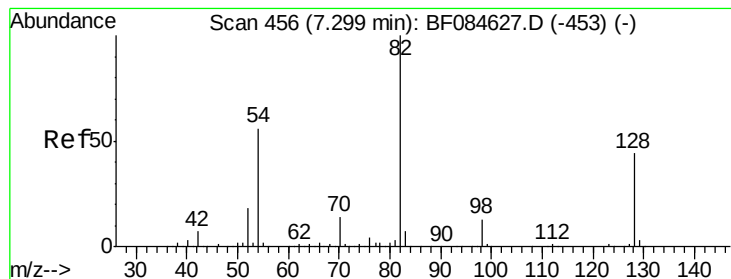
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time--> 7.10 7.20



#23

Nitrobenzene-d5

Concen: 89.63 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

SUP-B015(6-9)MS

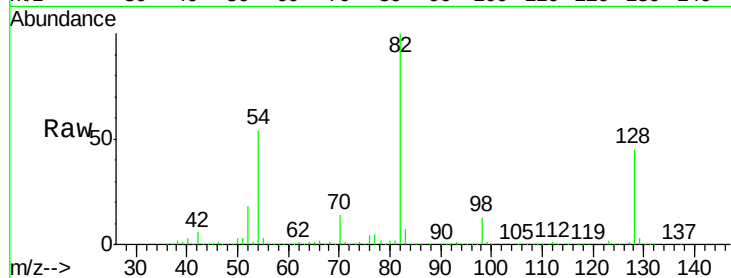
Tgt Ion: 82 Resp: 1070209

Ion Ratio Lower Upper

82 100

128 45.3 34.6 51.8

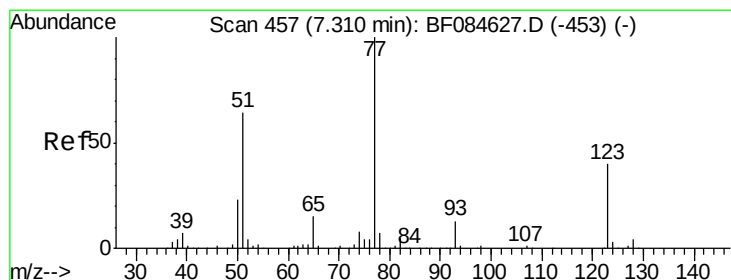
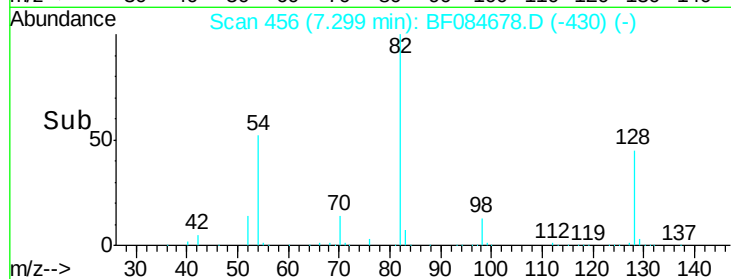
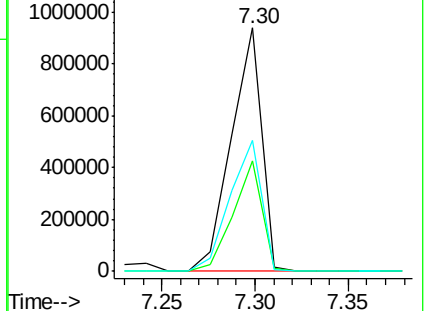
54 54.0 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 36.56 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

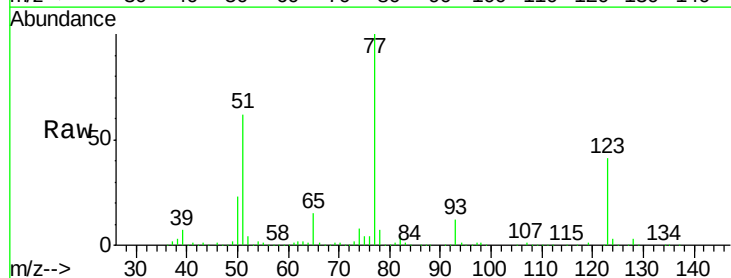
Tgt Ion: 77 Resp: 464019

Ion Ratio Lower Upper

77 100

123 41.0 37.4 56.2

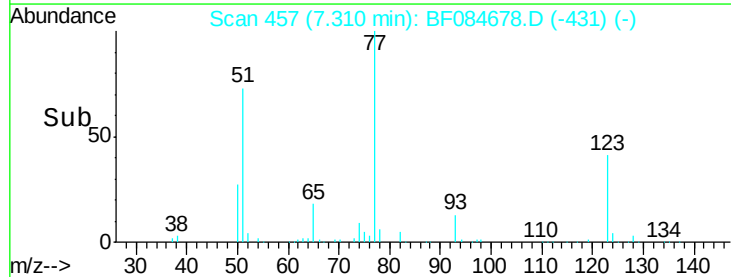
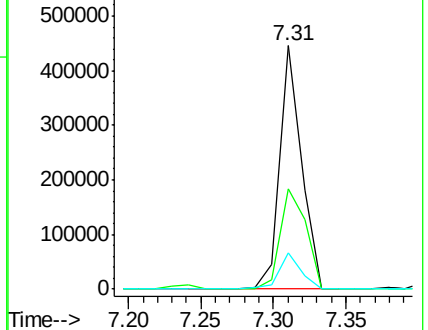
65 15.0 10.9 16.3

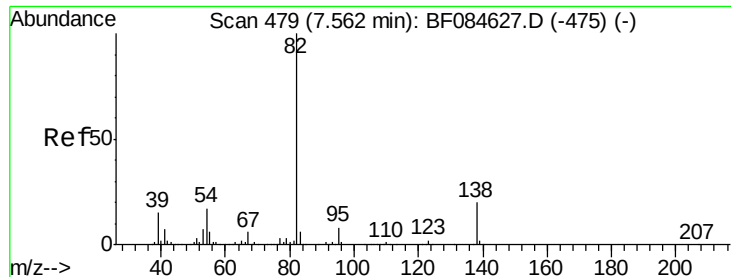


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 42.39 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

SUP-B015(6-9)MS

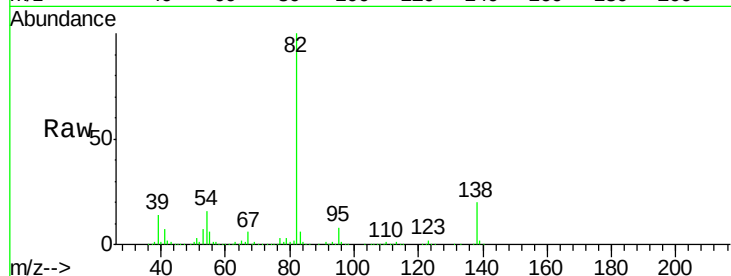
Tgt Ion: 82 Resp: 948193

Ion Ratio Lower Upper

82 100

95 8.0 6.6 10.0

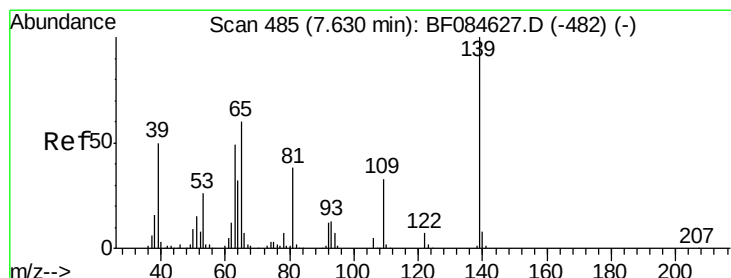
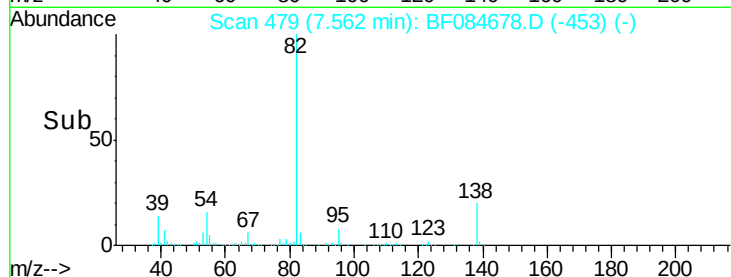
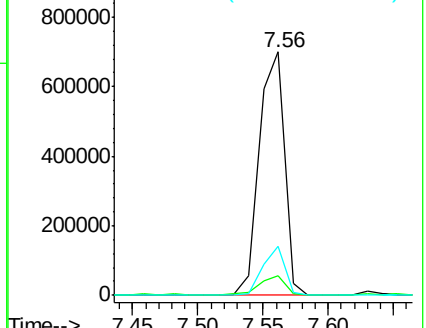
138 20.3 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.46 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

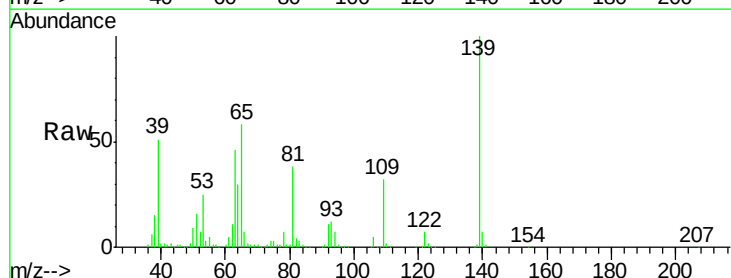
Tgt Ion: 139 Resp: 256267

Ion Ratio Lower Upper

139 100

109 31.8 25.4 38.2

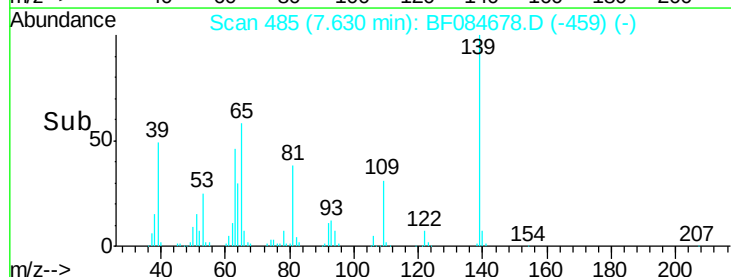
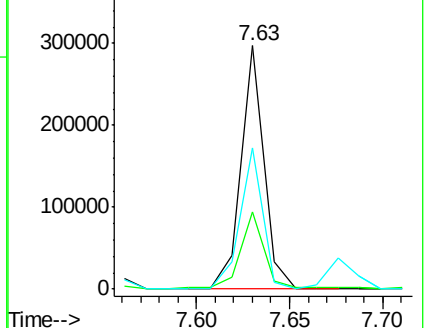
65 57.9 32.3 48.5#

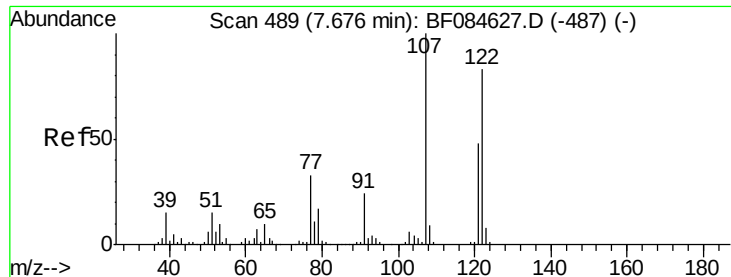


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 38.70 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

SUP-B015(6-9)MS

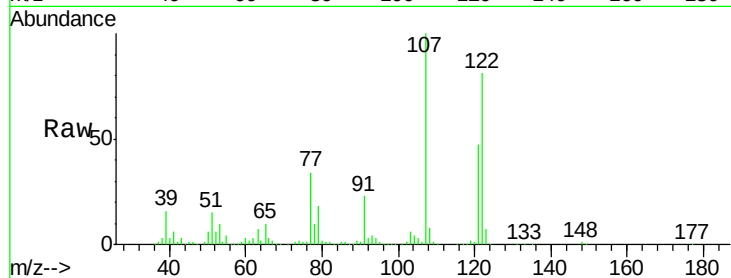
Tgt Ion:122 Resp: 409246

Ion Ratio Lower Upper

122 100

107 122.7 99.1 148.7

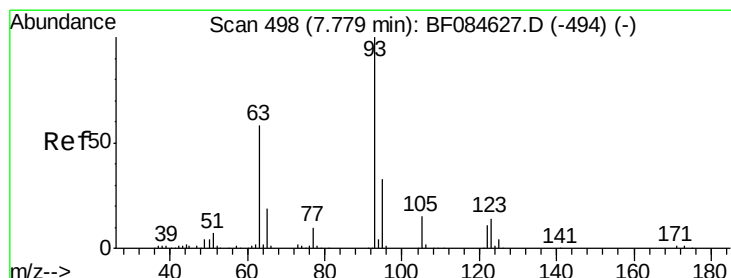
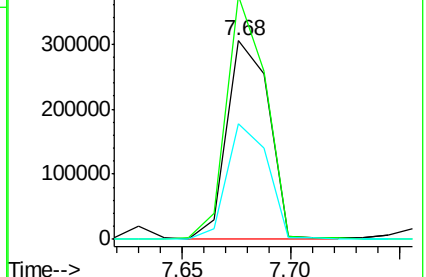
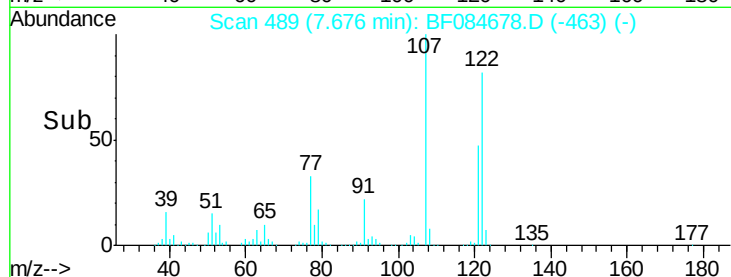
121 58.1 47.9 71.9



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: 42.38 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

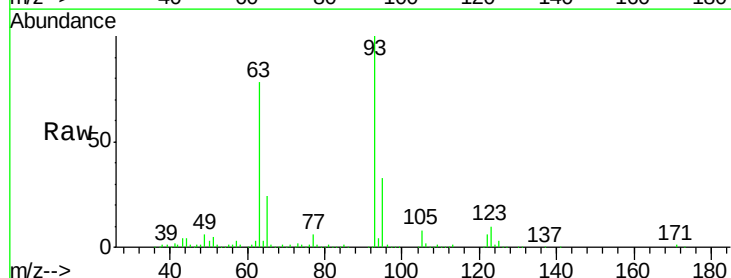
Tgt Ion: 93 Resp: 568951

Ion Ratio Lower Upper

93 100

95 33.2 25.8 38.6

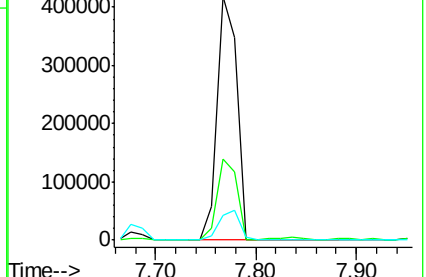
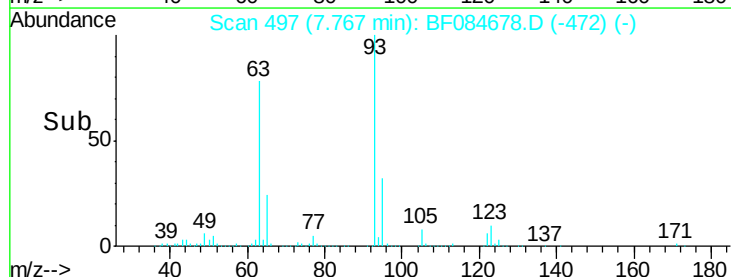
123 10.3 8.6 12.8

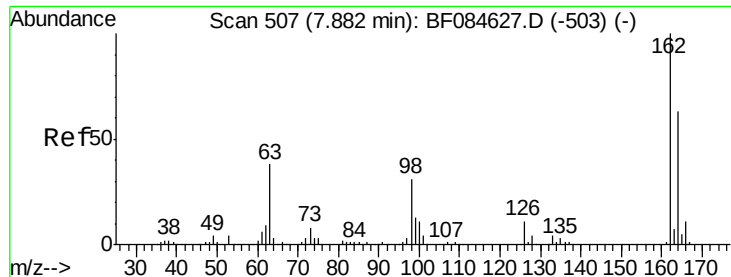


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

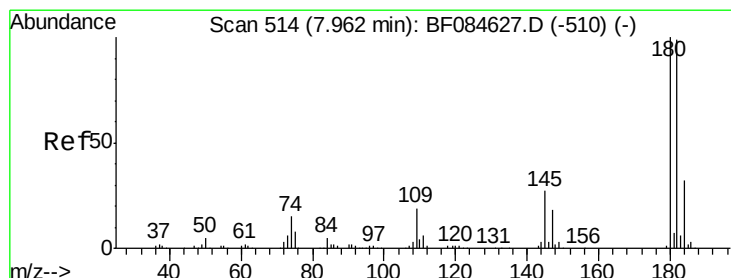
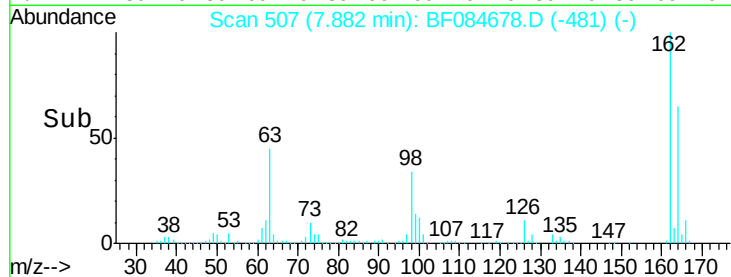
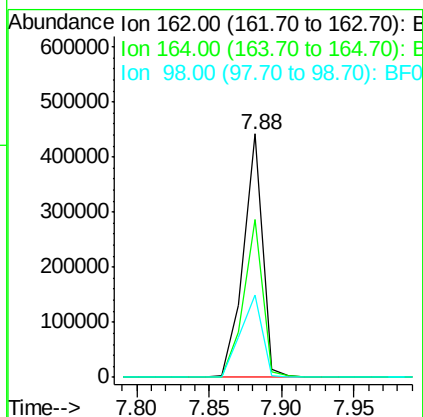
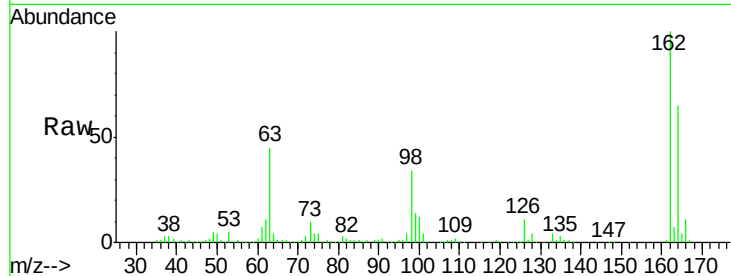




#29
 2,4-Dichlorophenol
 Concen: 44.27 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF084678.D
 Acq: 30 Jan 2016 11:36

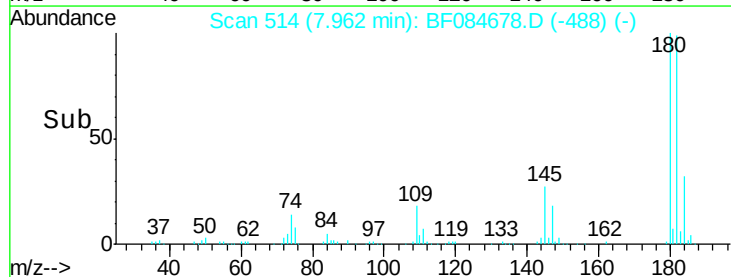
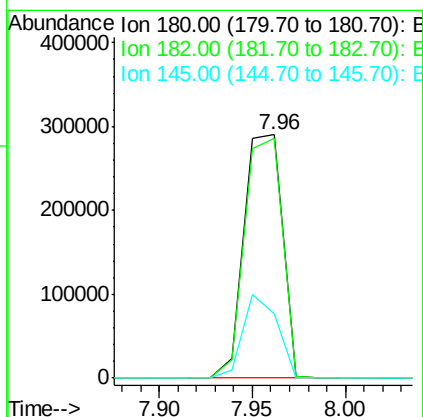
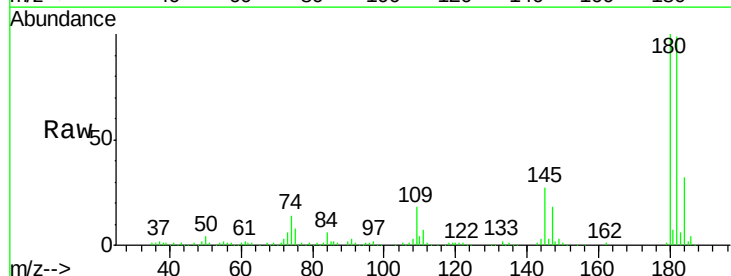
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B015(6-9)MS

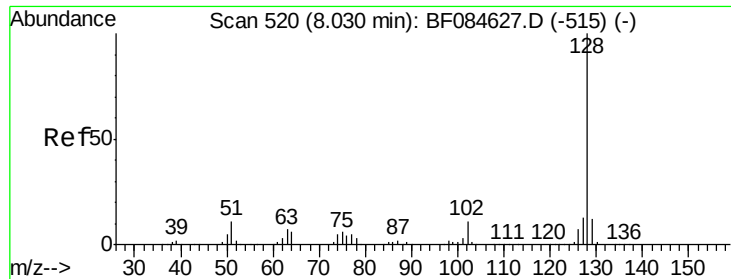
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.1	84.1
98	33.8	20.2	60.2



#30
 1,2,4-Trichlorobenzene
 Concen: 38.96 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: BF084678.D
 Acq: 30 Jan 2016 11:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.6	76.4	114.6
145	26.5	31.6	47.4

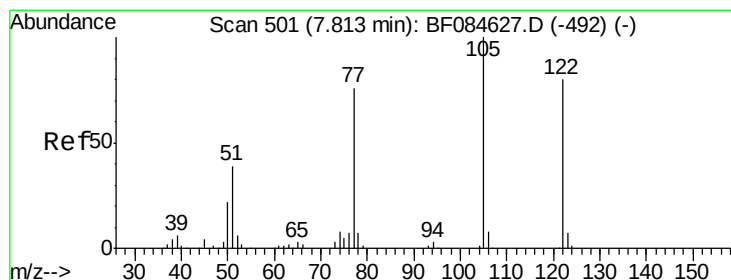
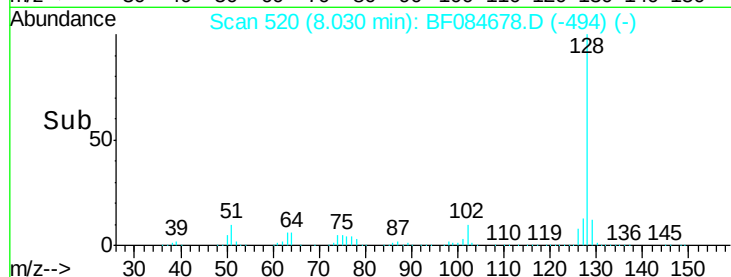
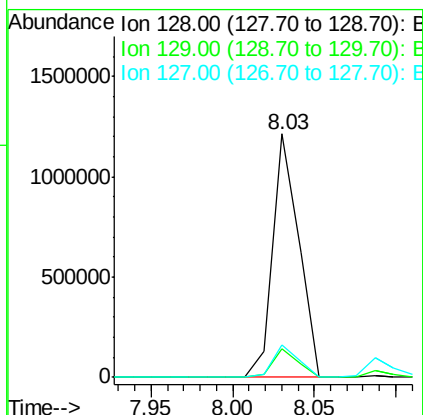
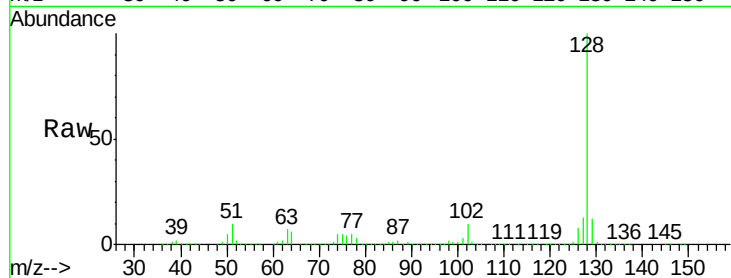




#31
Naphthalene
Concen: 40.17 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

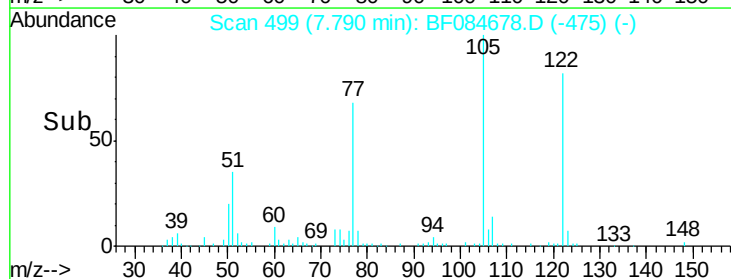
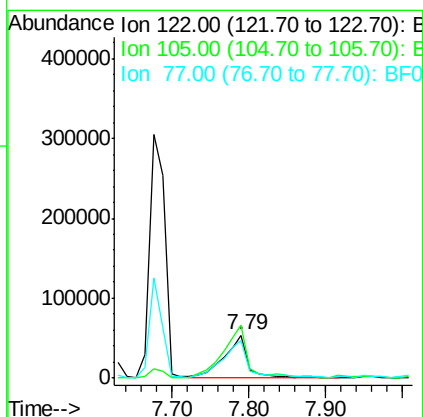
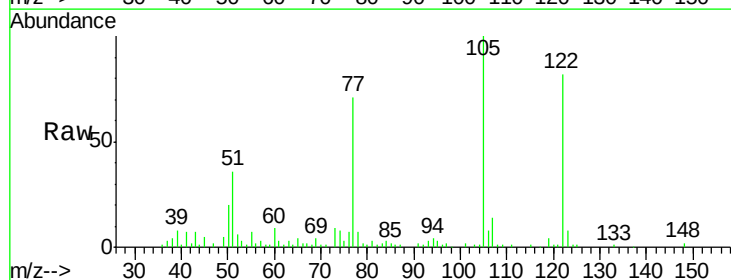
Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)MS

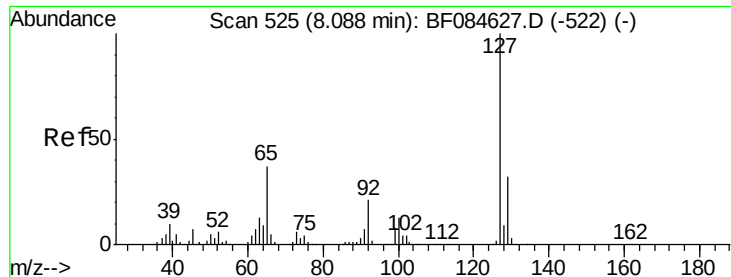
Tgt Ion:128 Resp: 1353190
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 13.5 11.1 16.7



#32
Benzoic acid
Concen: 14.14 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.02 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Tgt Ion:122 Resp: 114786
Ion Ratio Lower Upper
122 100
105 122.2 100.3 140.3
77 86.3 63.5 103.5

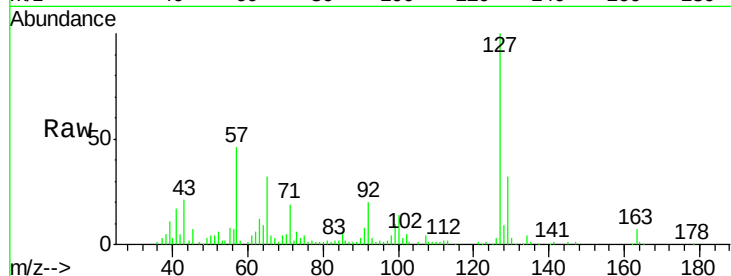




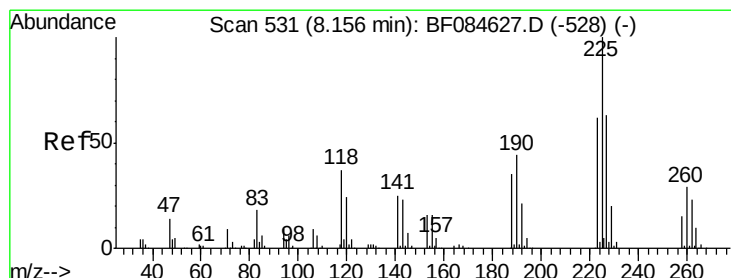
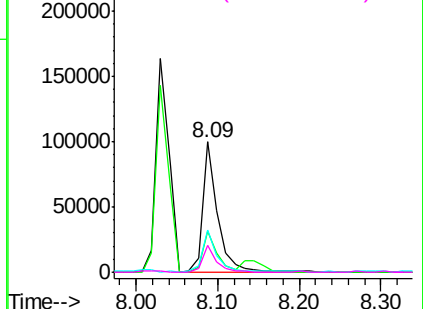
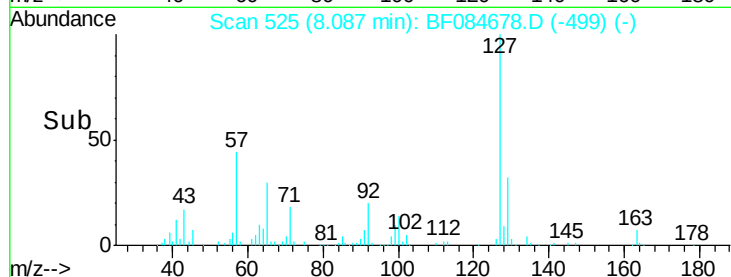
#33
4-Chloroaniline
Concen: 9.52 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)MS

Tgt Ion:	127	Resp:	130382
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.5	39.7
65	32.4	27.2	40.8
92	20.4	17.7	26.5

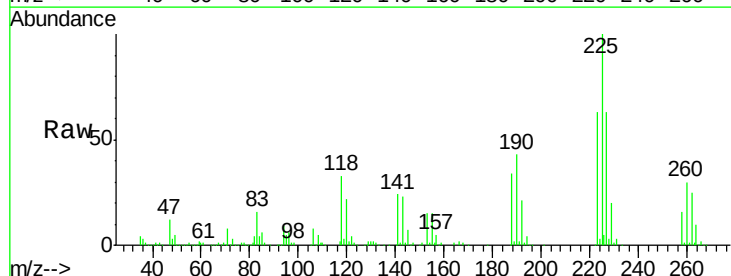


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

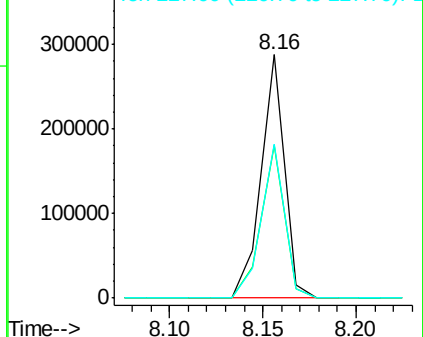
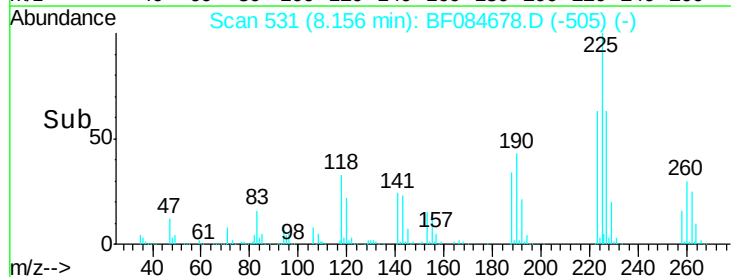


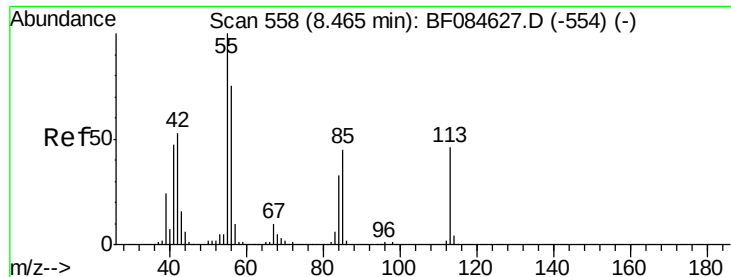
#34
Hexachlorobutadiene
Concen: 39.67 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Tgt Ion:	225	Resp:	248011
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.4	74.0
227	63.0	50.8	76.2



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





#35

Caprolactam

Concen: 51.41 ng

RT: 8.45 min Scan# 557

Delta R.T. -0.01 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

SUP-B015(6-9)MS

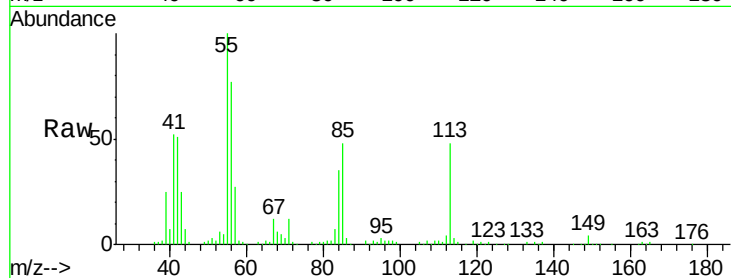
Tgt Ion:113 Resp: 136469

Ion Ratio Lower Upper

113 100

55 208.4 116.9 156.9#

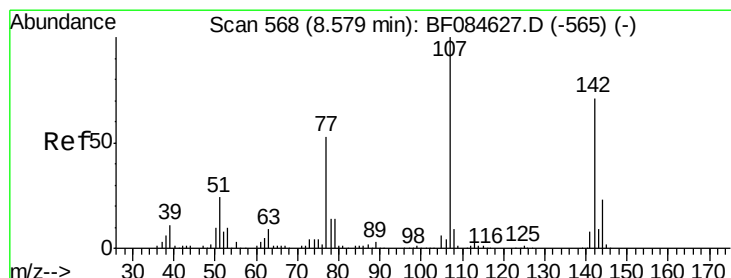
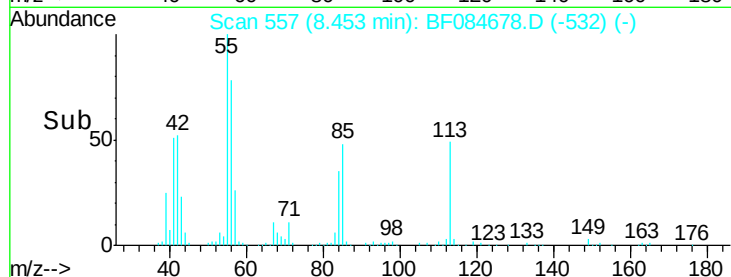
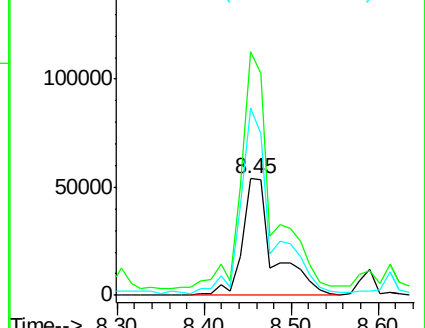
56 160.4 93.8 133.8#



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: 45.39 ng

RT: 8.59 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

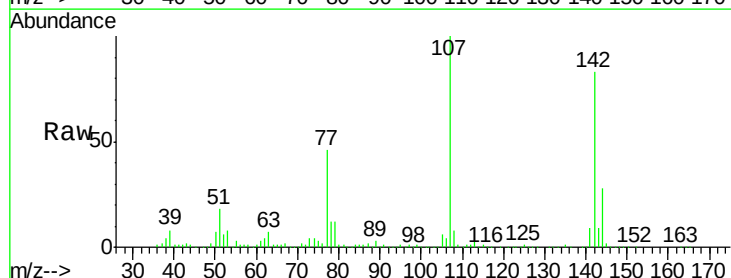
Tgt Ion:107 Resp: 462315

Ion Ratio Lower Upper

107 100

144 27.6 19.7 29.5

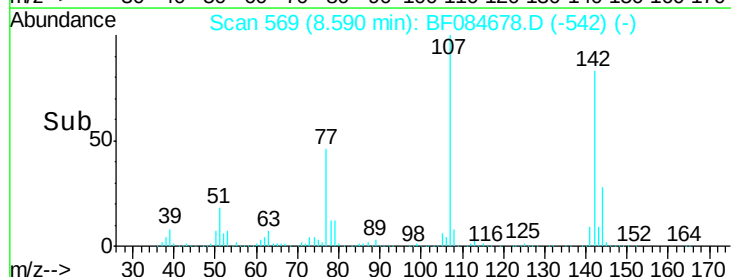
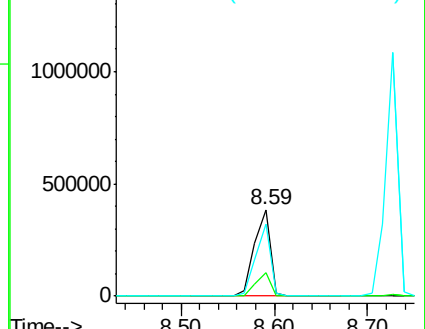
142 83.3 61.8 92.6

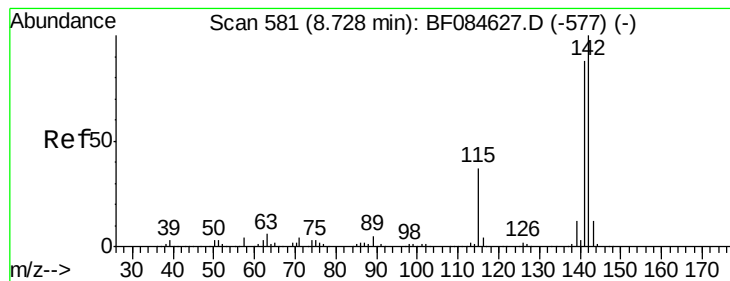


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

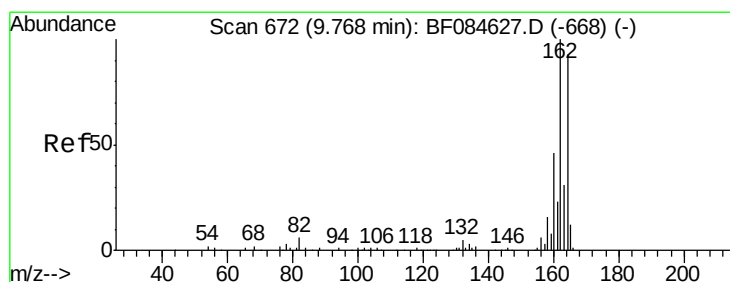
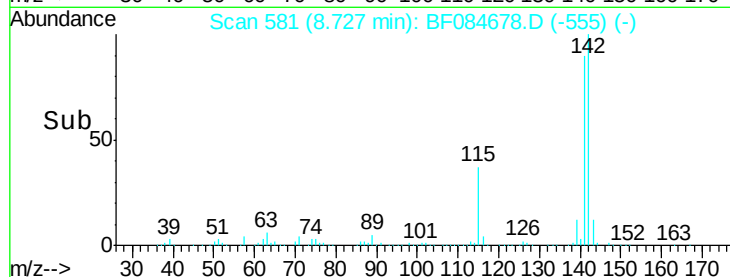
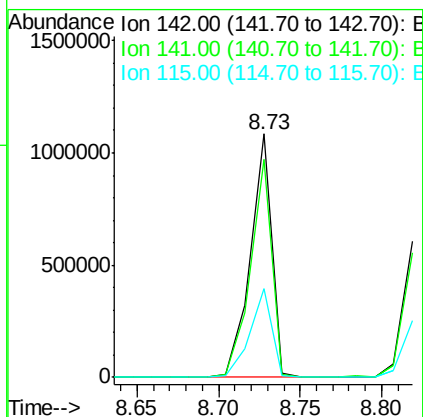
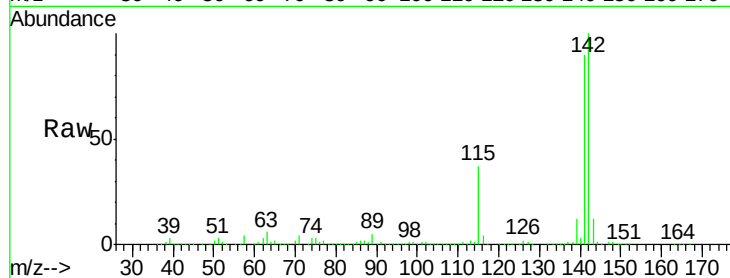




#37
 2-Methylnaphthalene
 Concen: 47.70 ng
 RT: 8.73 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: BF084678.D
 Acq: 30 Jan 2016 11:36

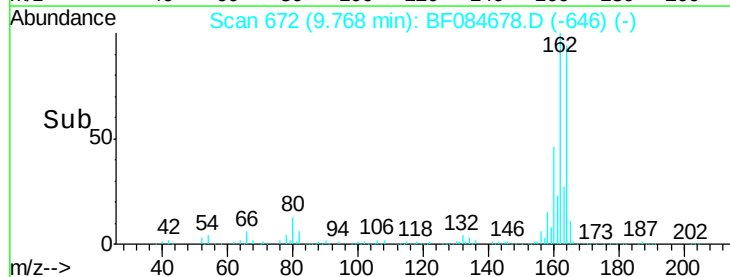
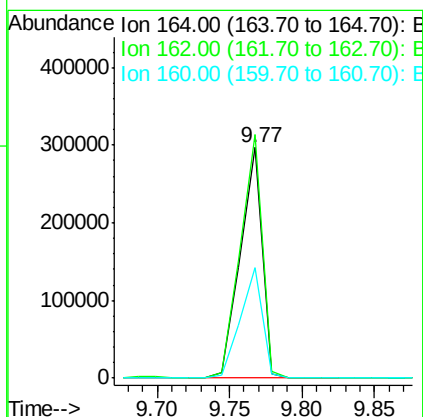
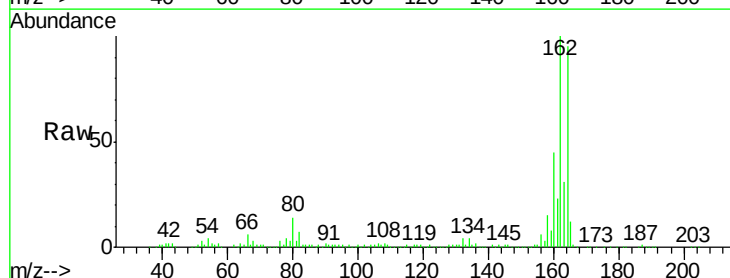
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B015(6-9)MS

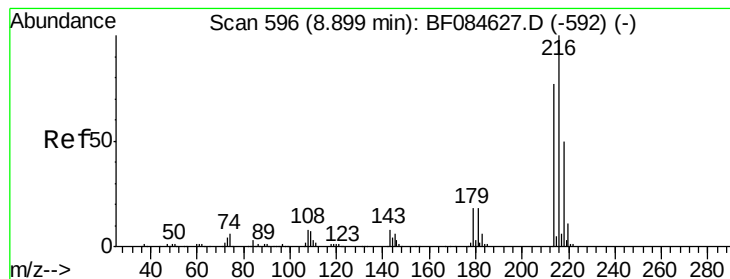
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.4	108.6
115	36.6	27.9	41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF084678.D
 Acq: 30 Jan 2016 11:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	85.1	127.7
160	48.1	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.61 ng

RT: 8.89 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

SUP-B015(6-9)MS

Tgt Ion:216 Resp: 359483

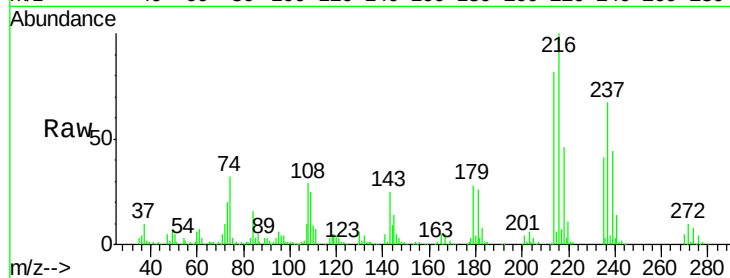
Ion Ratio Lower Upper

216 100

214 79.2 64.2 96.2

179 23.4 18.7 28.1

108 22.0 16.8 25.2

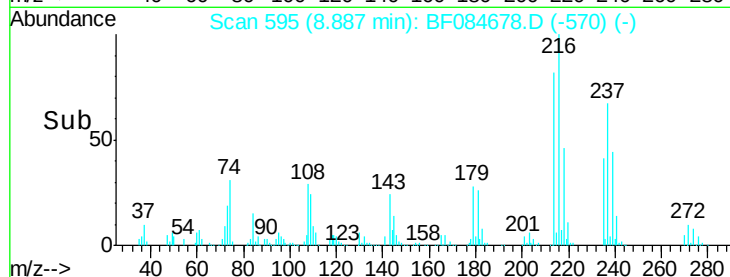


Abundance Ion 216.00 (215.70 to 216.70): E

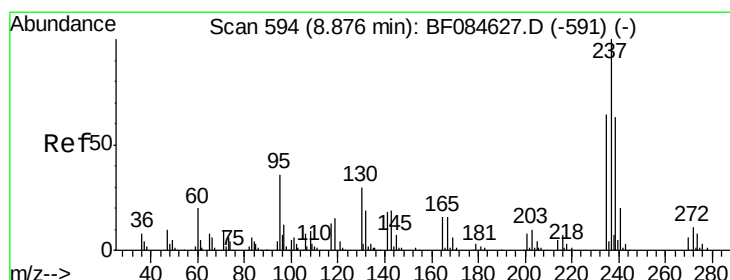
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 60.57 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

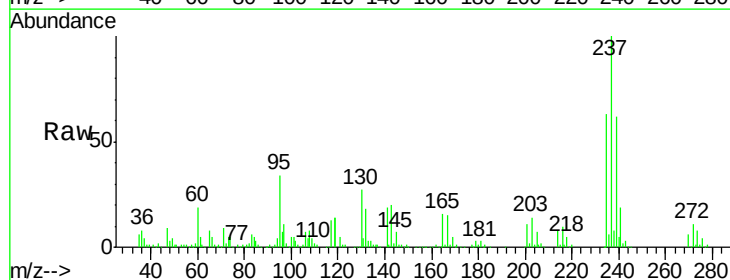
Tgt Ion:237 Resp: 278023

Ion Ratio Lower Upper

237 100

235 62.8 43.1 83.1

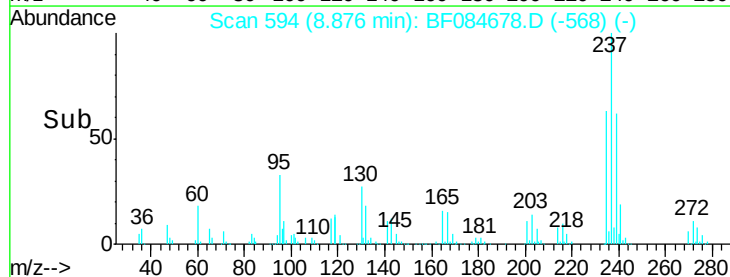
272 11.0 0.0 35.1



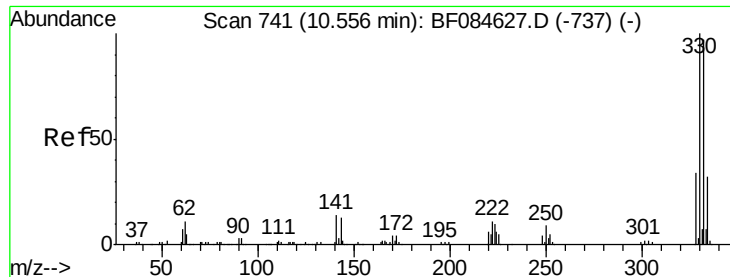
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



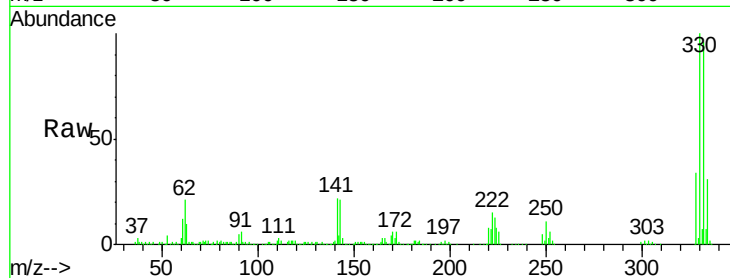
Time-->



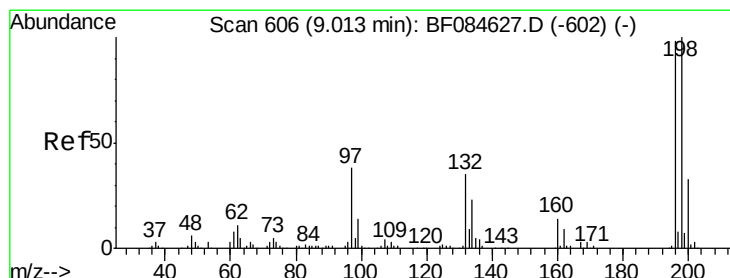
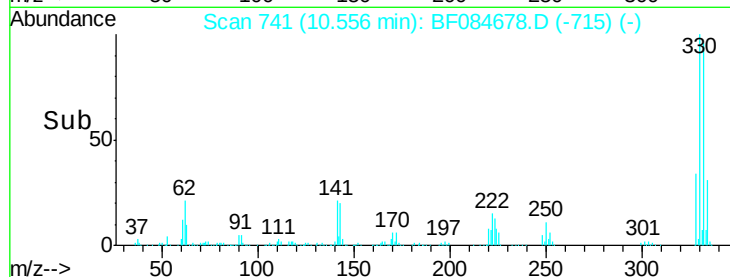
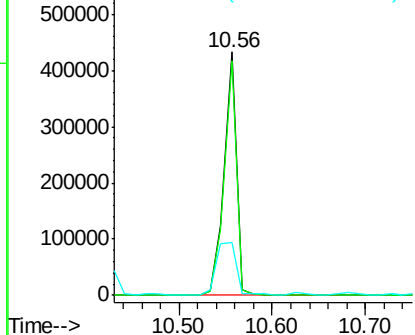
#41
 2,4,6-Tribromophenol
 Concen: 122.38 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF084678.D
 Acq: 30 Jan 2016 11:36

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B015(6-9)MS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	33.2	27.8	41.6

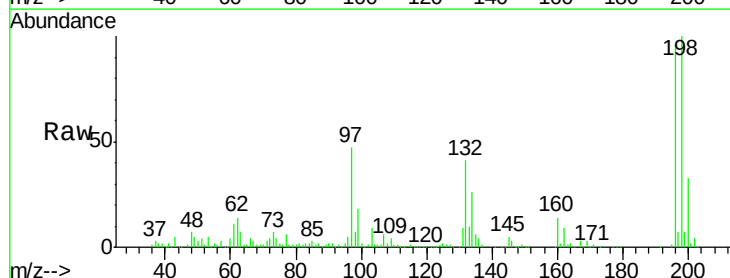


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

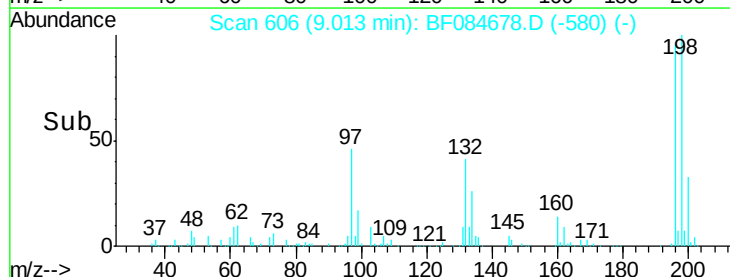
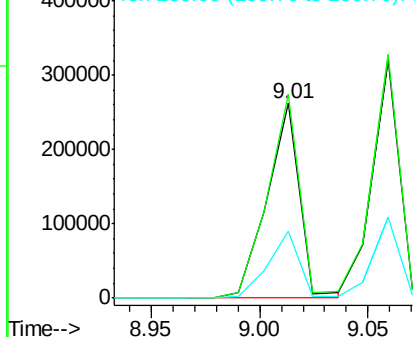


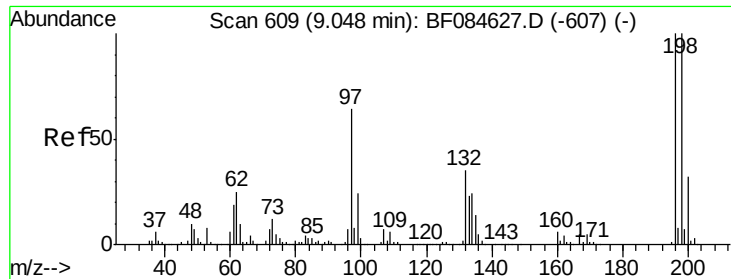
#42
 2,4,6-Trichlorophenol
 Concen: 43.81 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF084678.D
 Acq: 30 Jan 2016 11:36

Tgt Ion	Ratio	Lower	Upper
196	100		
198	104.4	77.7	116.5
200	34.3	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

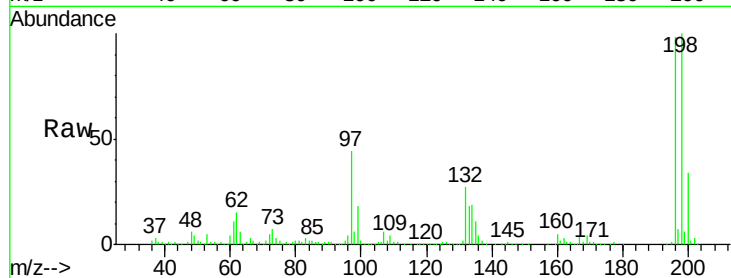




#43
 2,4,5-Trichlorophenol
 Concen: 43.27 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: BF084678.D
 Acq: 30 Jan 2016 11:36

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B015(6-9)MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.0	79.0	118.6
97	45.3	33.0	49.6
132	27.2	21.1	31.7



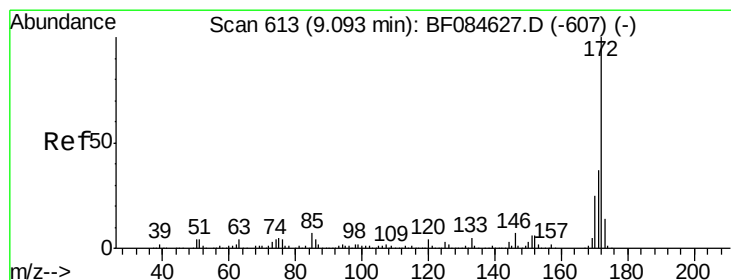
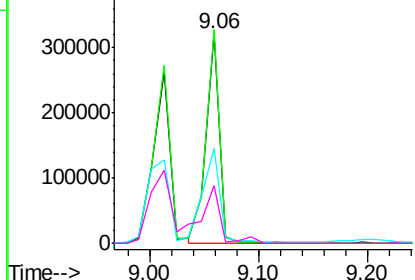
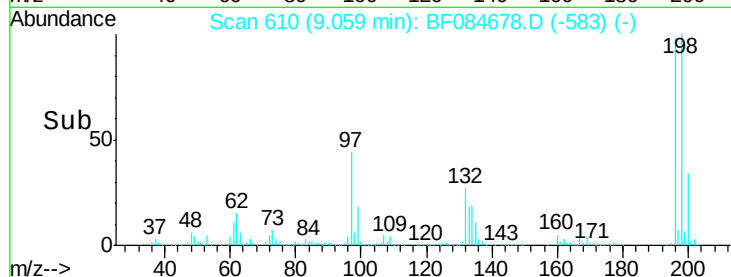
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

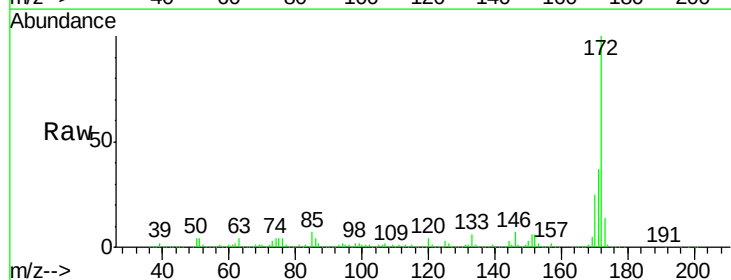
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 73.43 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084678.D
 Acq: 30 Jan 2016 11:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	25.3	18.6	27.8

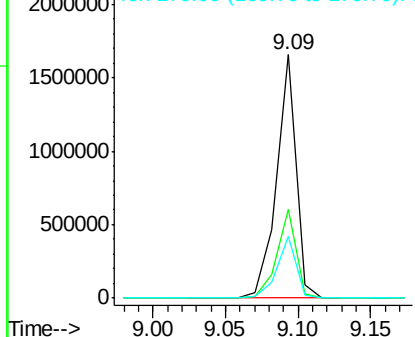
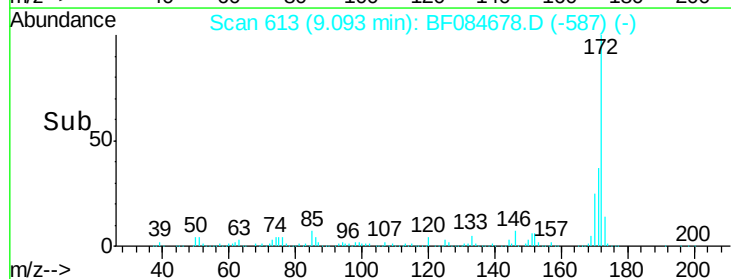


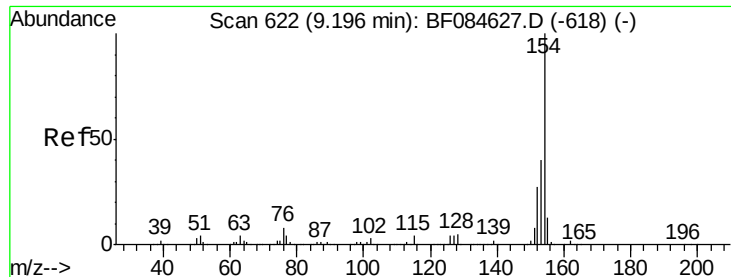
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.58 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

SUP-B015(6-9)MS

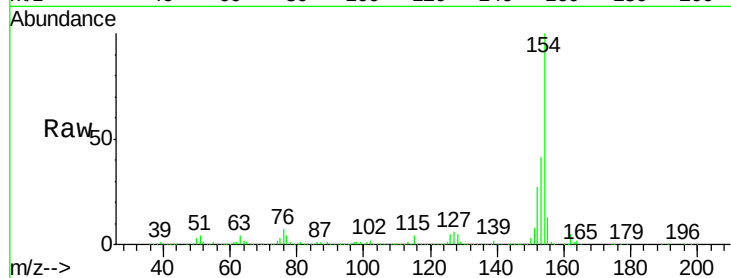
Tgt Ion:154 Resp: 1100675

Ion Ratio Lower Upper

154 100

153 40.6 21.6 61.6

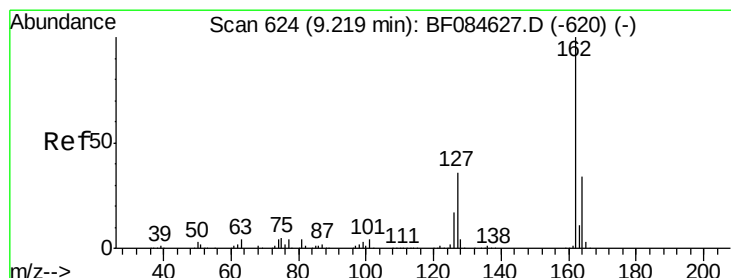
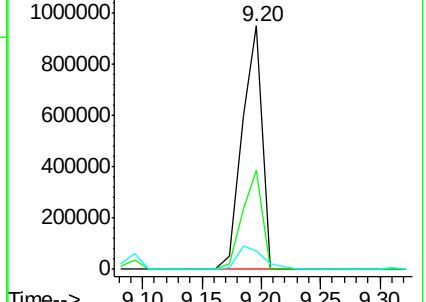
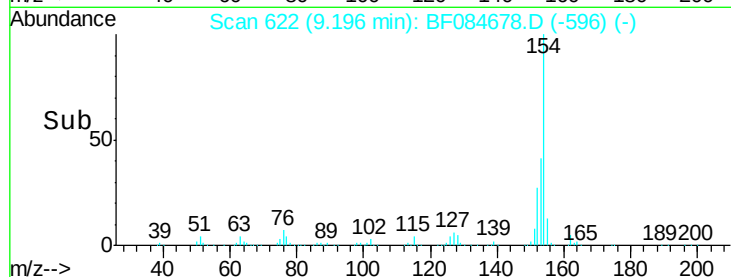
76 7.3 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.17 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

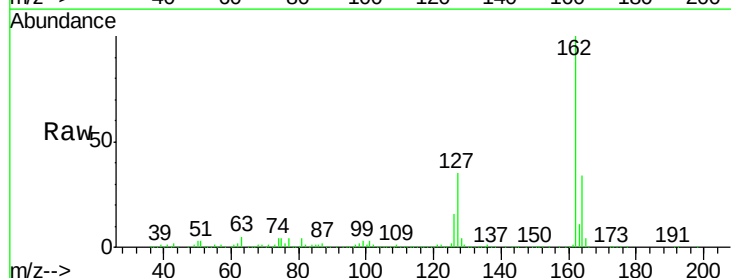
Tgt Ion:162 Resp: 794504

Ion Ratio Lower Upper

162 100

127 35.2 40.2 60.4#

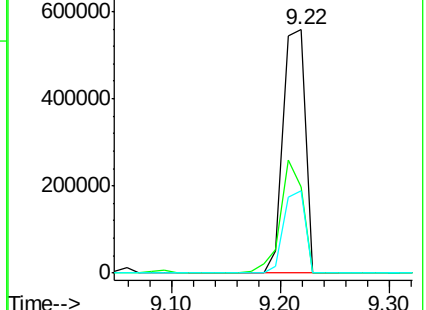
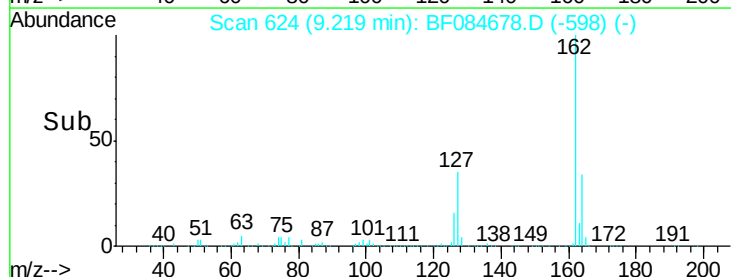
164 34.0 25.7 38.5

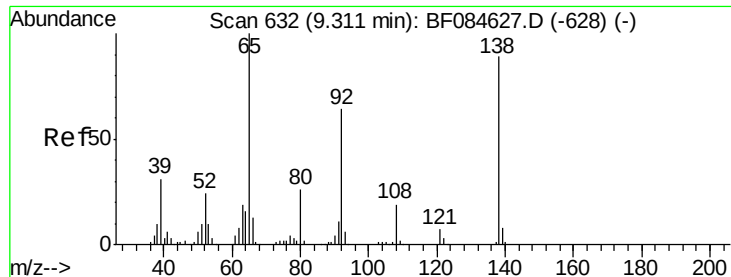


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.26 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

SUP-B015(6-9)MS

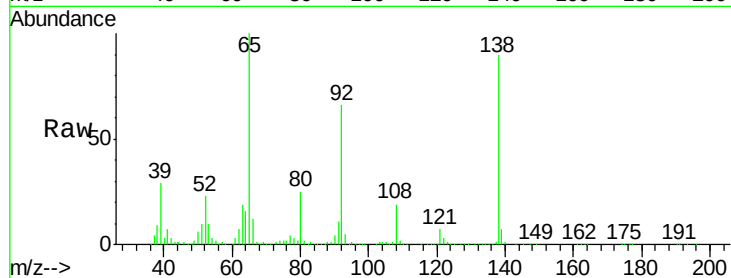
Tgt Ion: 65 Resp: 245422

Ion Ratio Lower Upper

65 100

92 65.5 53.4 80.2

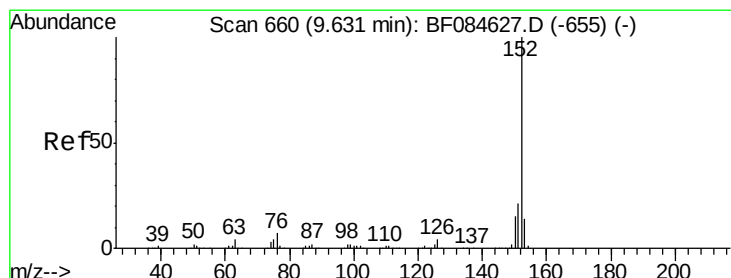
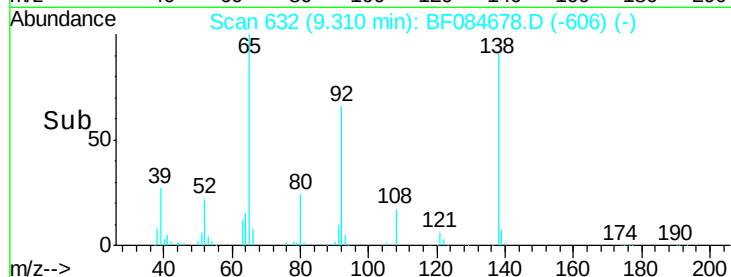
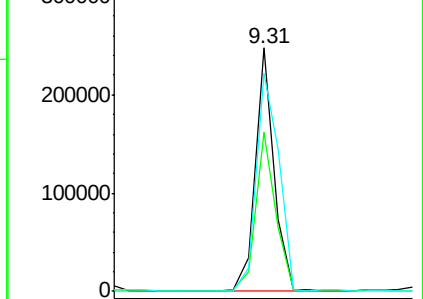
138 89.6 71.1 106.7



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 40.49 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

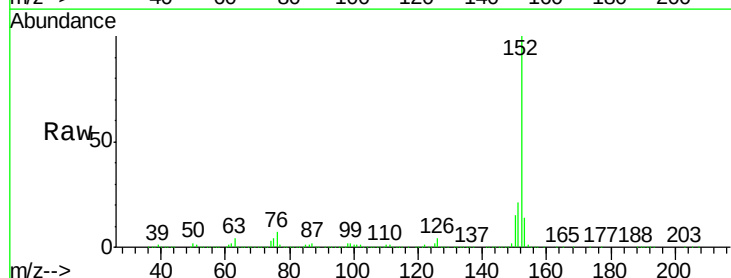
Tgt Ion: 152 Resp: 1277086

Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5

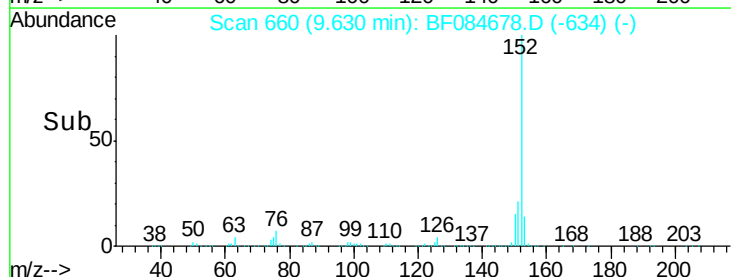
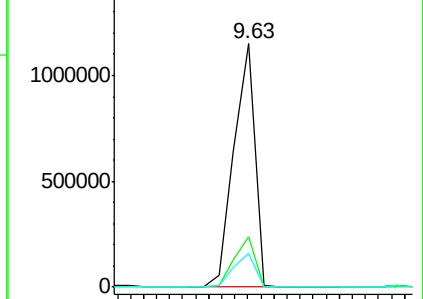
153 13.9 10.4 15.6

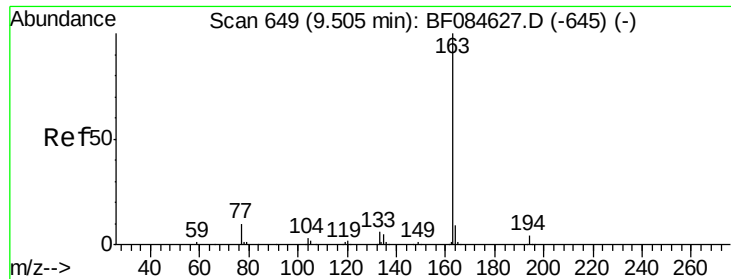


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

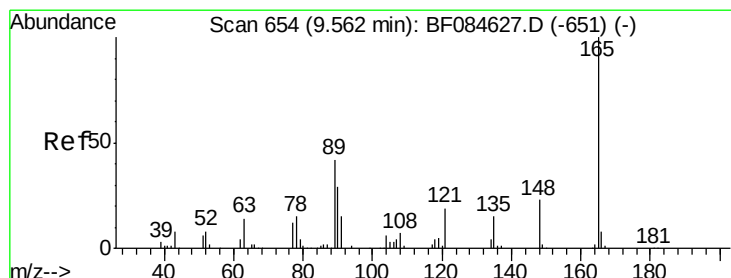
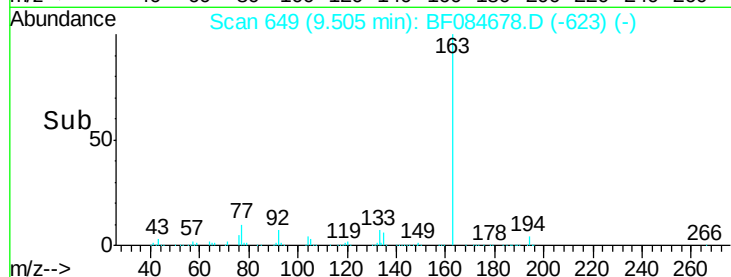
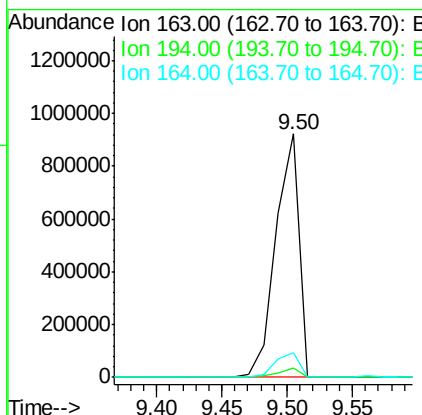
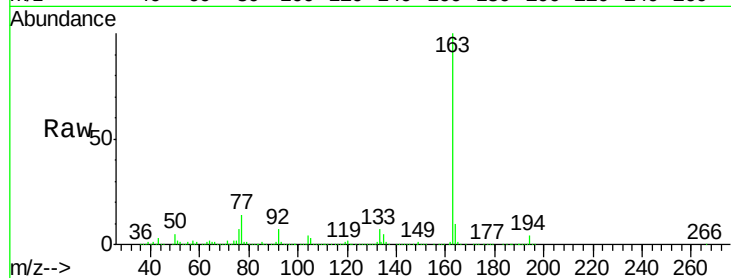




#49
Dimethylphthalate
Concen: 49.26 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

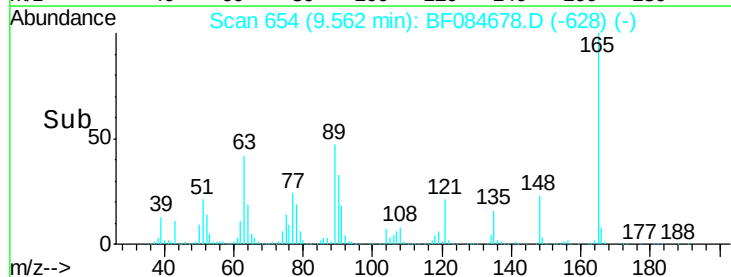
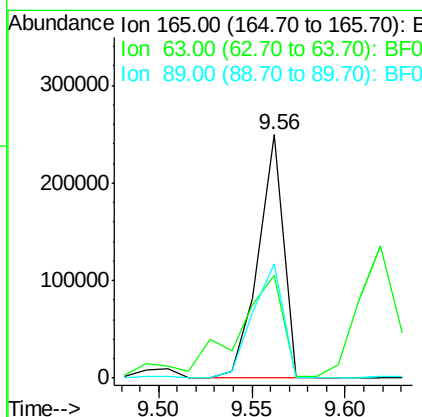
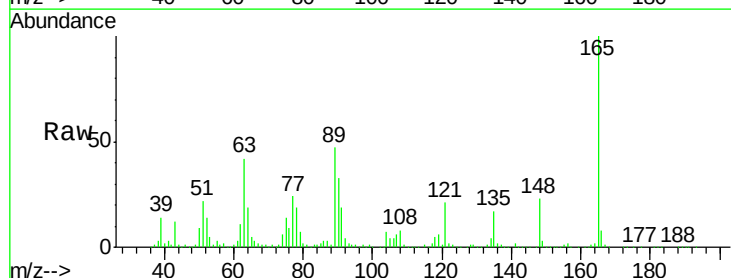
Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)MS

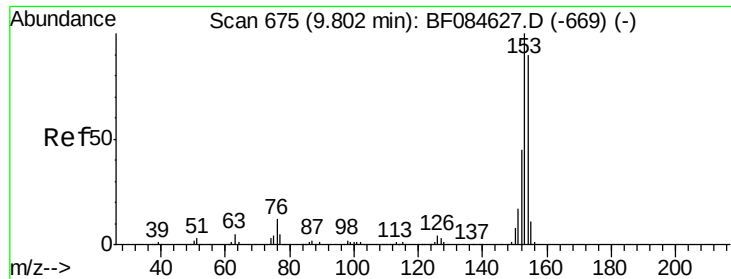
Tgt Ion:163 Resp: 1151009
Ion Ratio Lower Upper
163 100
194 3.8 8.0 12.0#
164 9.9 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 45.44 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Tgt Ion:165 Resp: 233589
Ion Ratio Lower Upper
165 100
63 42.4 28.8 43.2
89 46.7 35.1 52.7





#51

Acenaphthene

Concen: 41.08 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

SUP-B015(6-9)MS

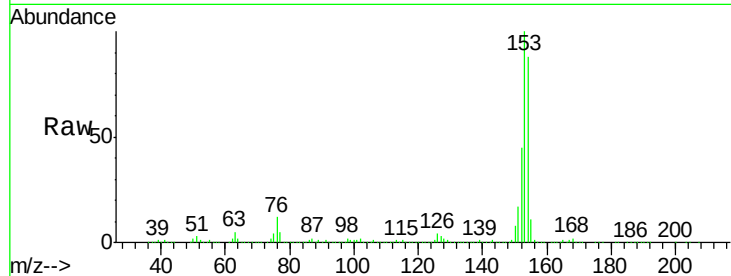
Tgt Ion:154 Resp: 867726

Ion Ratio Lower Upper

154 100

153 113.6 91.5 137.3

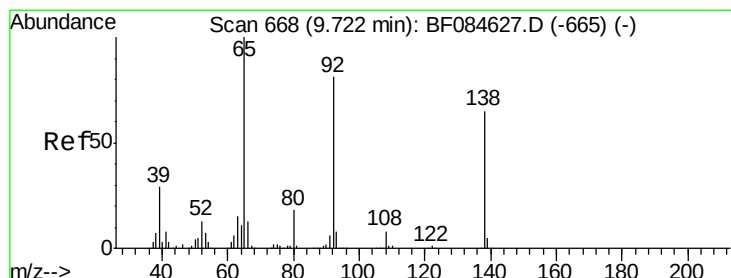
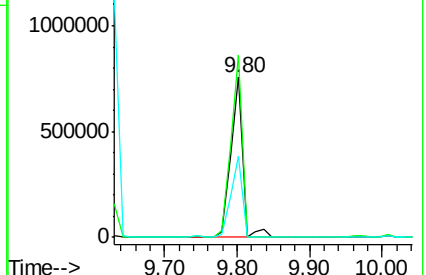
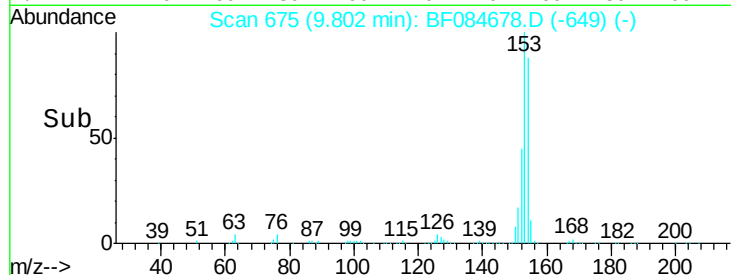
152 50.9 43.0 64.6



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: 23.60 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

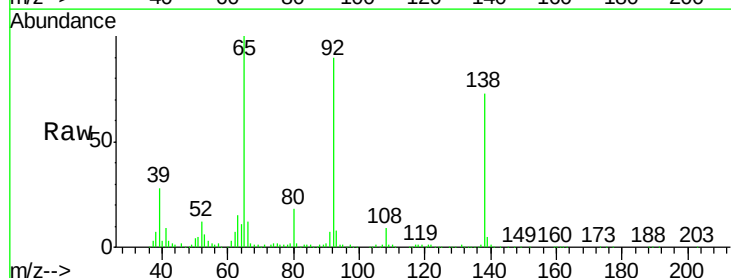
Tgt Ion:138 Resp: 126775

Ion Ratio Lower Upper

138 100

108 11.7 10.5 15.7

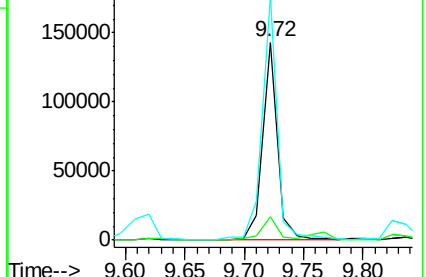
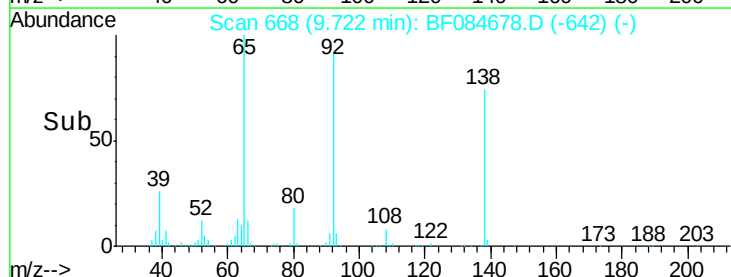
92 123.0 103.9 155.9

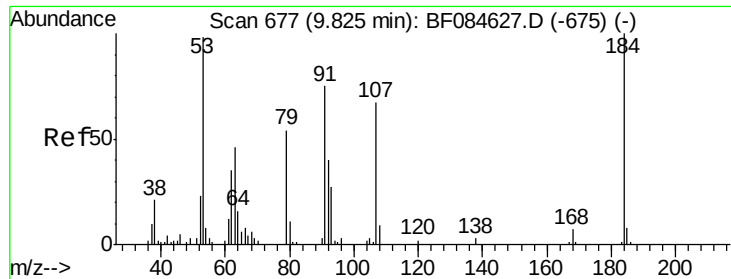


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

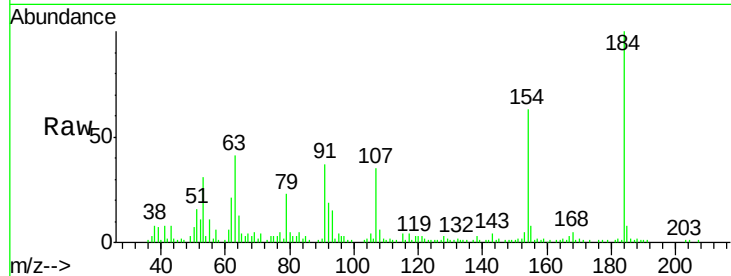




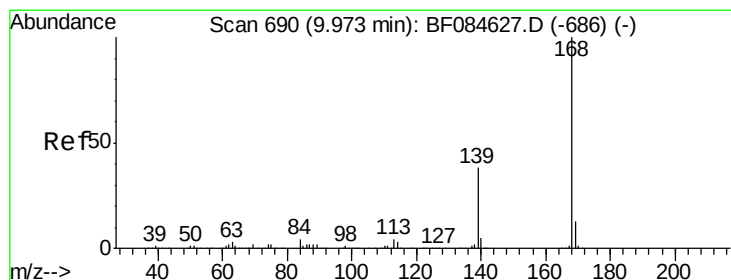
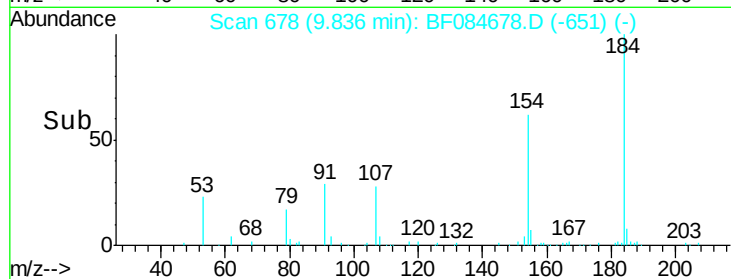
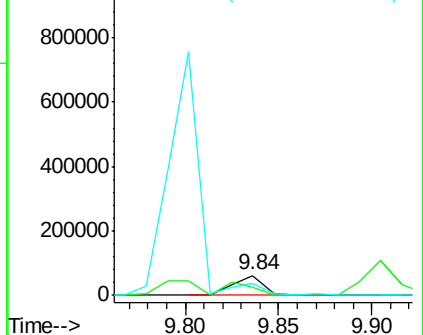
#53
2,4-Dinitrophenol
Concen: 28.11 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.01 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)MS

Tgt Ion:184 Resp: 71303
Ion Ratio Lower Upper
184 100
63 40.6 43.1 64.7#
154 62.5 60.5 90.7

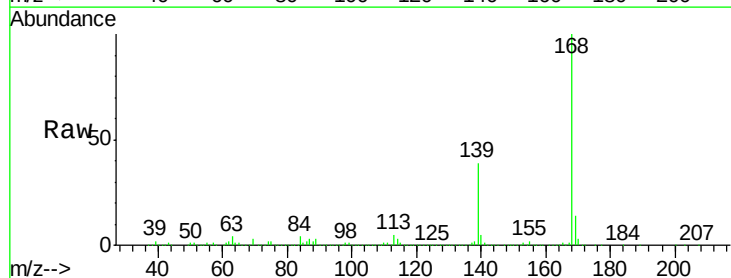


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

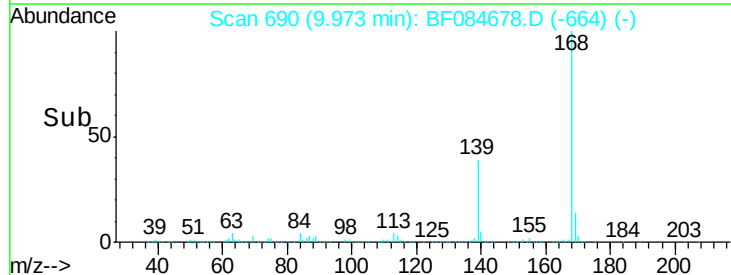
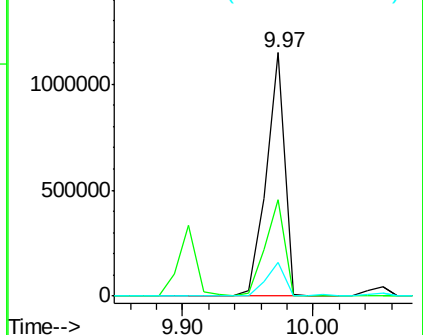


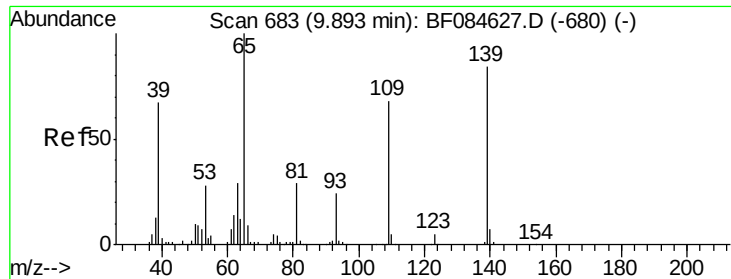
#54
Dibenzofuran
Concen: 44.88 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Tgt Ion:168 Resp: 1131373
Ion Ratio Lower Upper
168 100
139 39.4 30.5 45.7
169 14.0 10.4 15.6



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





#55

4-Nitrophenol

Concen: 81.77 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.01 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

SUP-B015(6-9)MS

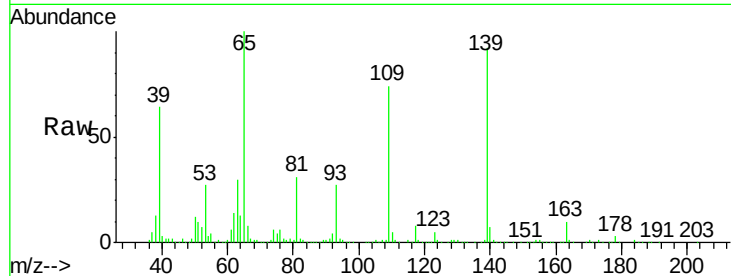
Tgt Ion:139 Resp: 322667

Ion Ratio Lower Upper

139 100

109 79.7 58.5 98.5

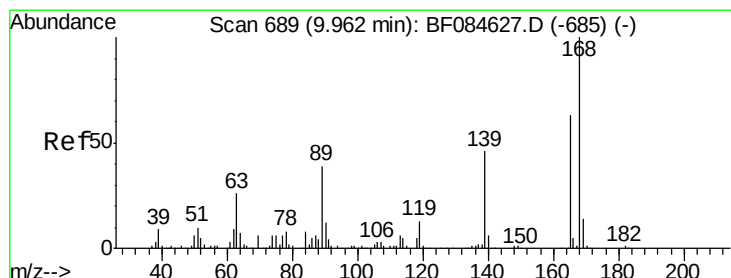
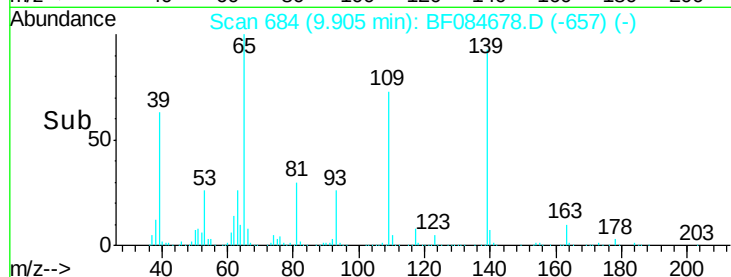
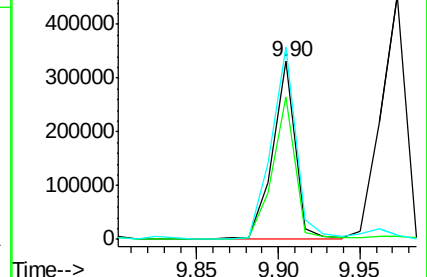
65 108.2 57.6 97.6#



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: 44.58 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Tgt Ion:165 Resp: 297729

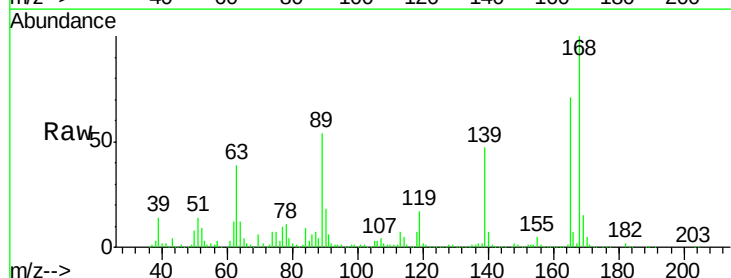
Ion Ratio Lower Upper

165 100

63 54.2 36.7 55.1

89 76.2 61.9 92.9

182 2.3 2.0 3.0

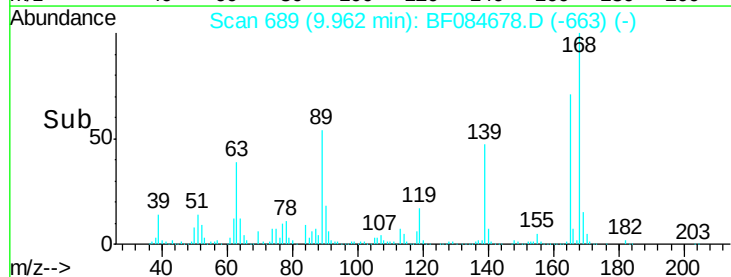
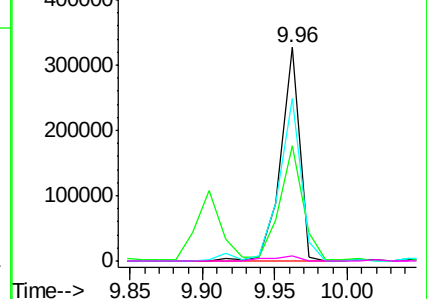


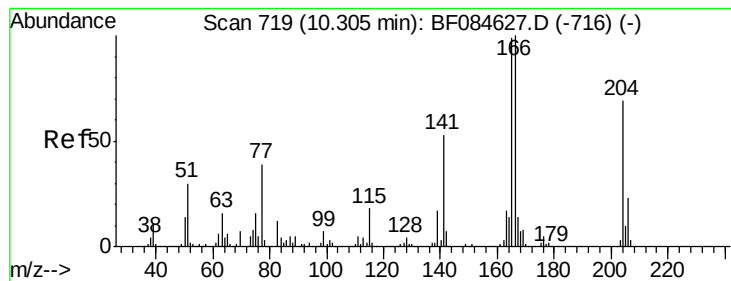
Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.30 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.01 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

SUP-B015(6-9)MS

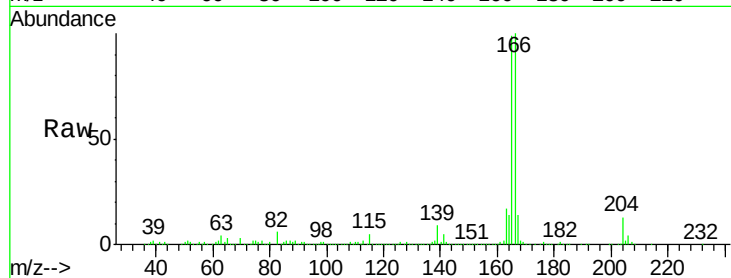
Tgt Ion:166 Resp: 861017

Ion Ratio Lower Upper

166 100

165 99.3 79.1 118.7

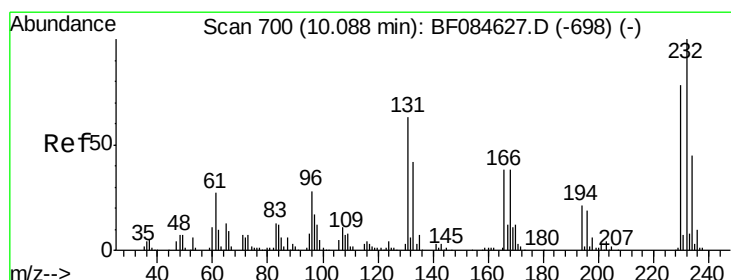
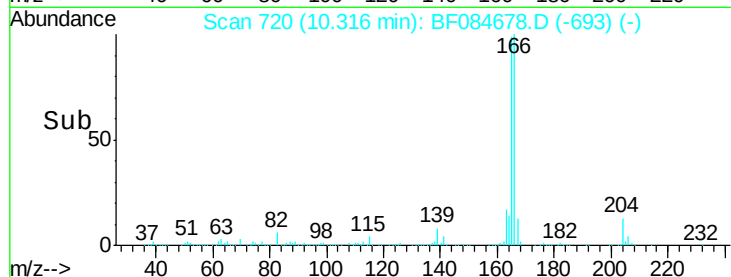
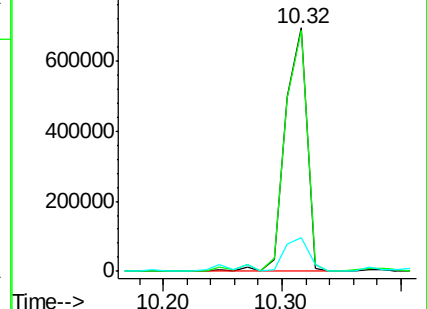
167 13.7 10.4 15.6



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: 42.91 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Tgt Ion:232 Resp: 210087

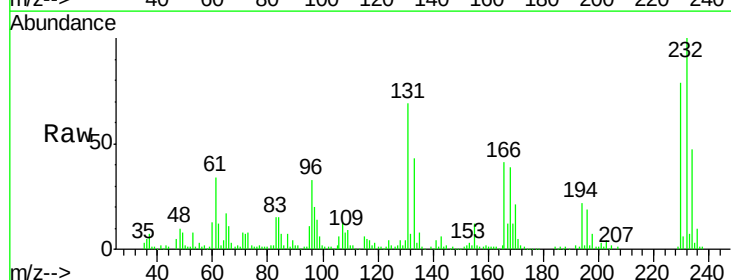
Ion Ratio Lower Upper

232 100

131 51.6 47.0 70.6

130 3.8 2.0 3.0#

166 31.9 30.5 45.7

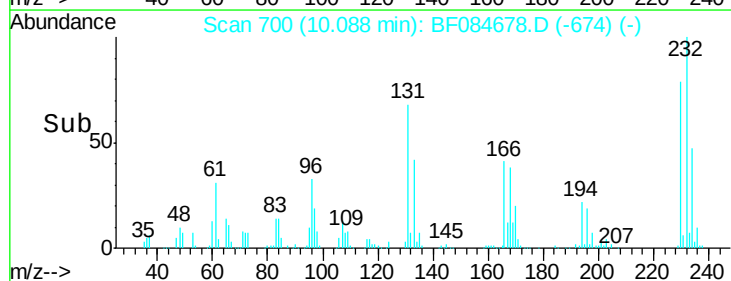
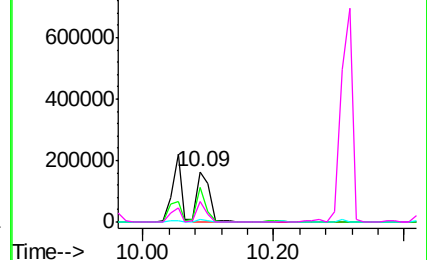


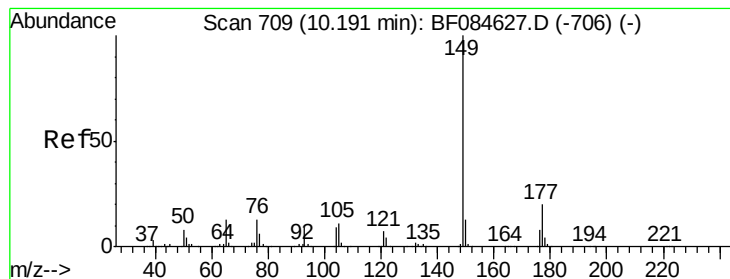
Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.63 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

SUP-B015(6-9)MS

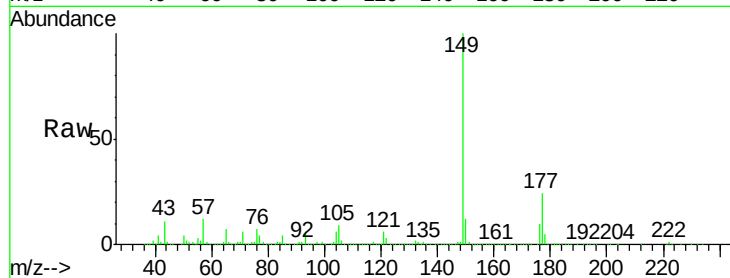
Tgt Ion:149 Resp: 975096

Ion Ratio Lower Upper

149 100

177 24.1 17.3 25.9

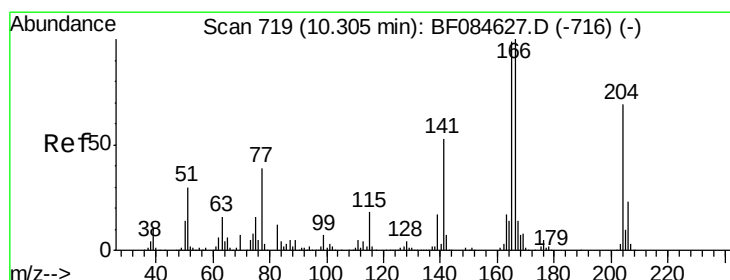
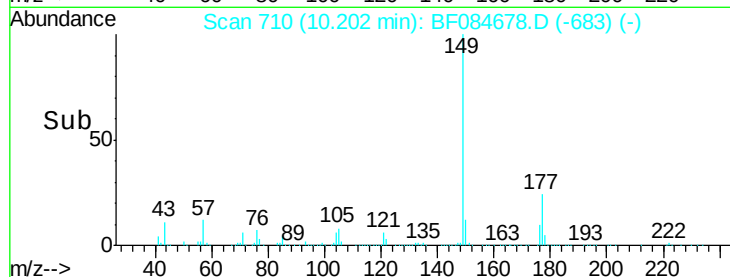
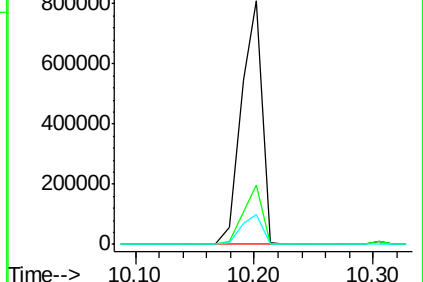
150 12.4 9.8 14.8



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: 38.99 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

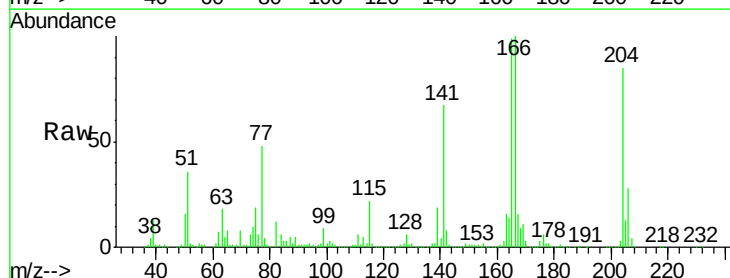
Tgt Ion:204 Resp: 374034

Ion Ratio Lower Upper

204 100

206 32.5 25.7 38.5

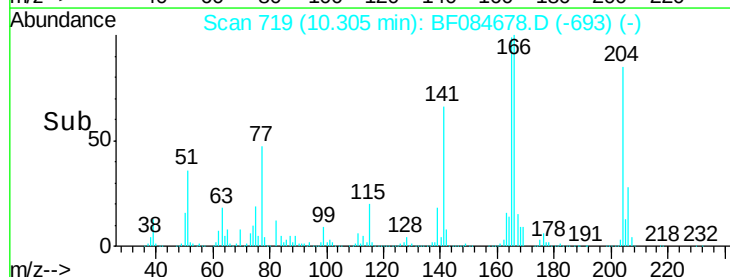
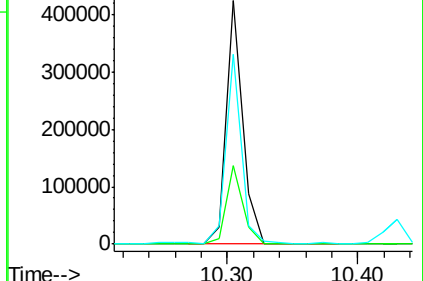
141 78.1 55.1 82.7

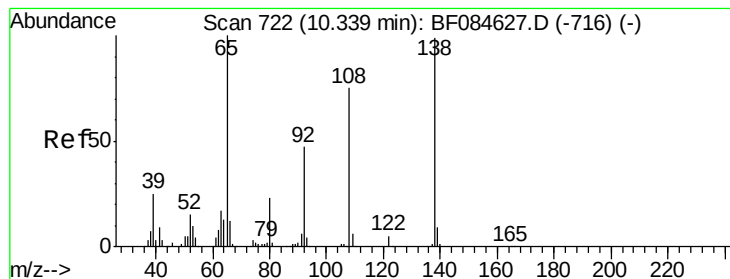


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.17 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

SUP-B015(6-9)MS

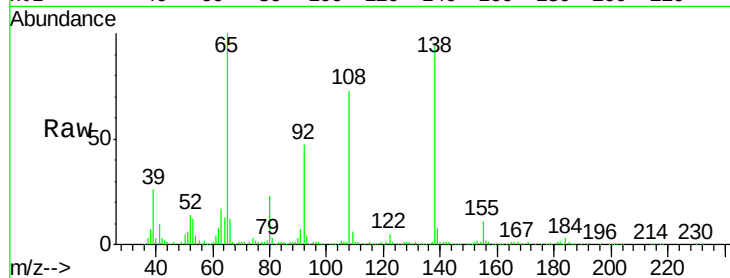
Tgt Ion:138 Resp: 219531

Ion Ratio Lower Upper

138 100

92 49.6 32.6 72.6

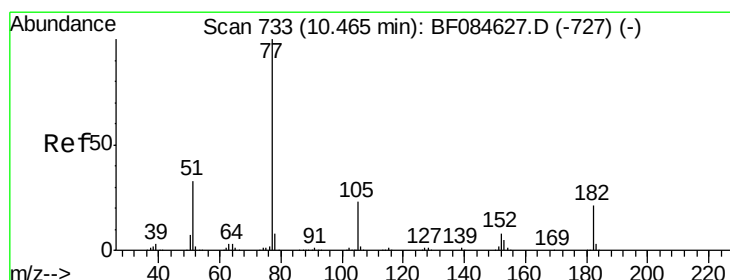
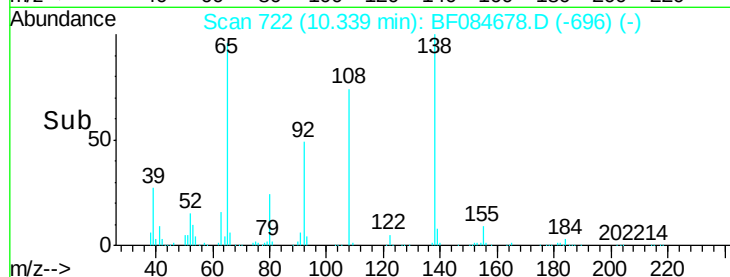
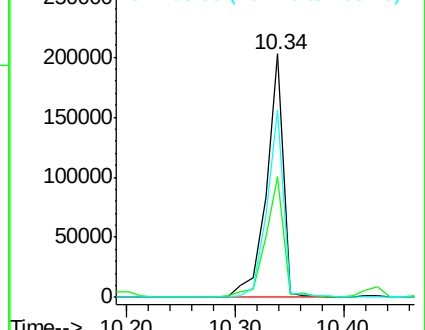
108 76.8 68.6 108.6



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: 44.63 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Tgt Ion: 77 Resp: 977045

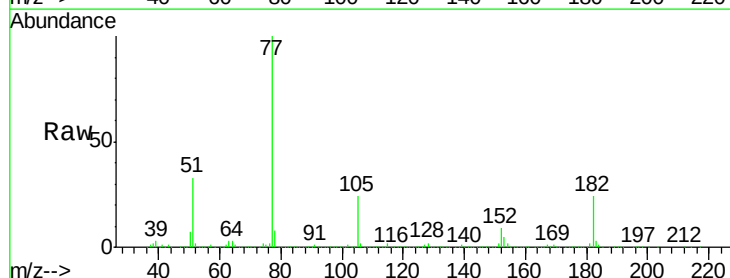
Ion Ratio Lower Upper

77 100

182 23.9 8.3 48.3

105 24.0 4.6 44.6

51 32.8 6.2 46.2

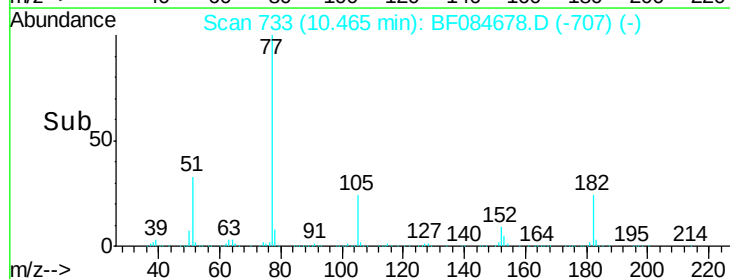
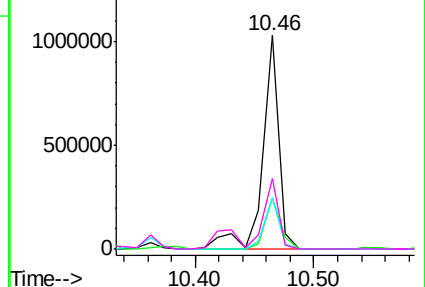


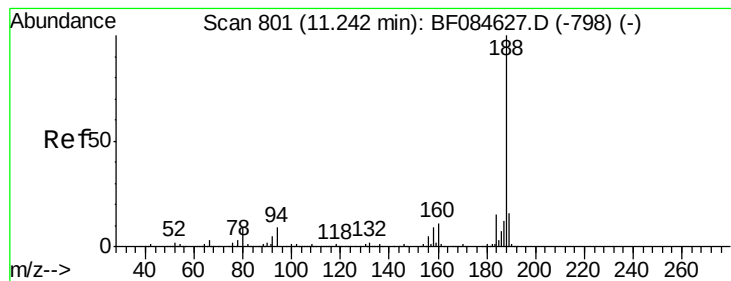
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

SUP-B015(6-9)MS

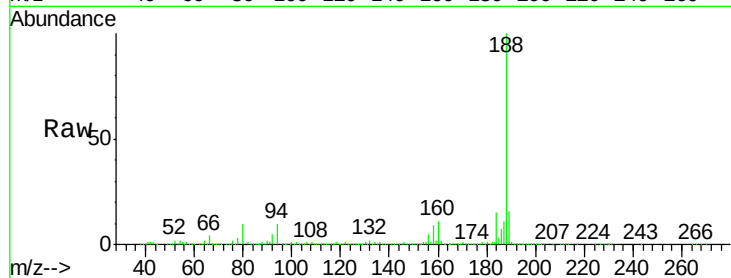
Tgt Ion:188 Resp: 544729

Ion Ratio Lower Upper

188 100

94 9.6 9.0 13.4

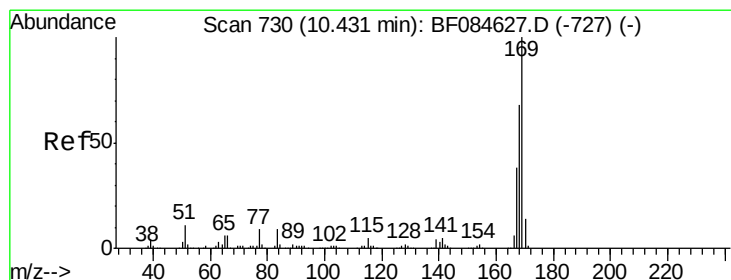
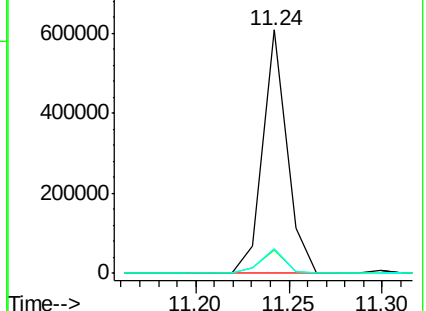
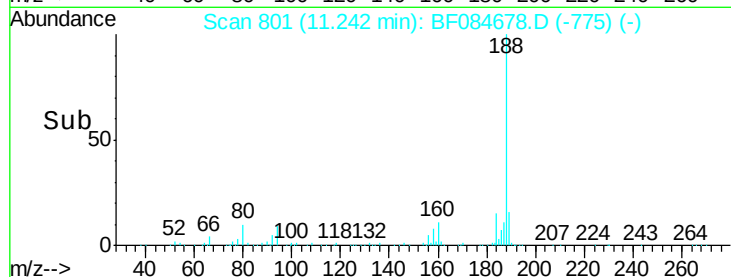
80 10.2 9.6 14.4



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



#65

n-Nitrosodiphenylamine

Concen: 46.47 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

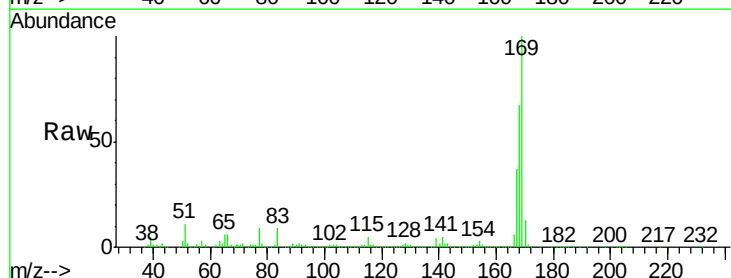
Tgt Ion:169 Resp: 820737

Ion Ratio Lower Upper

169 100

168 67.0 55.1 82.7

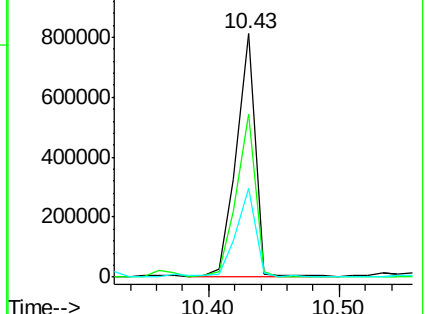
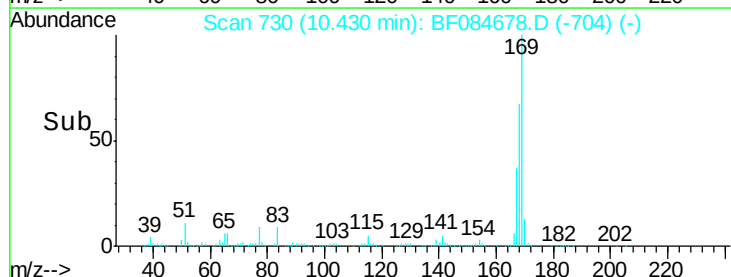
167 36.5 30.0 45.0

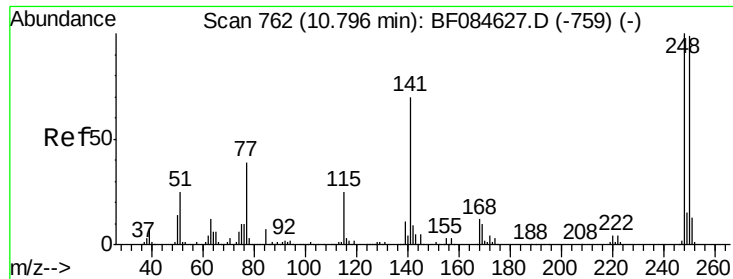


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

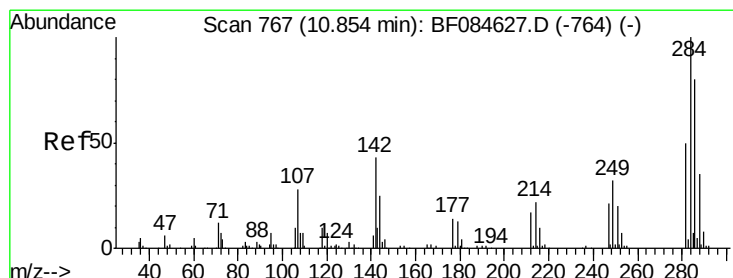
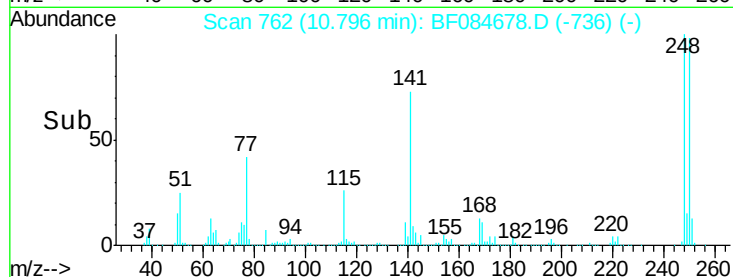
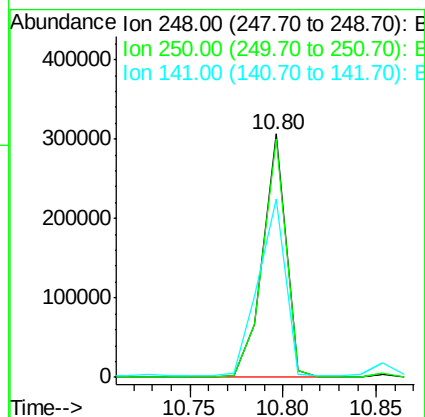
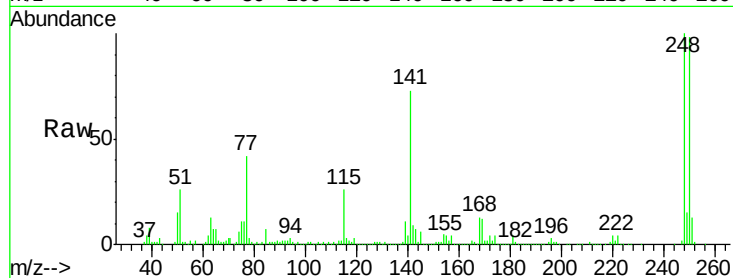




#66
4-Bromophenyl-phenylether
Concen: 42.97 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

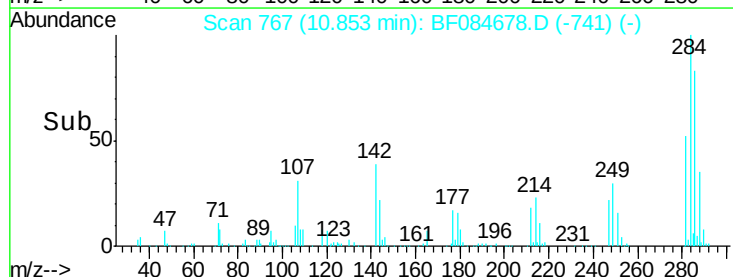
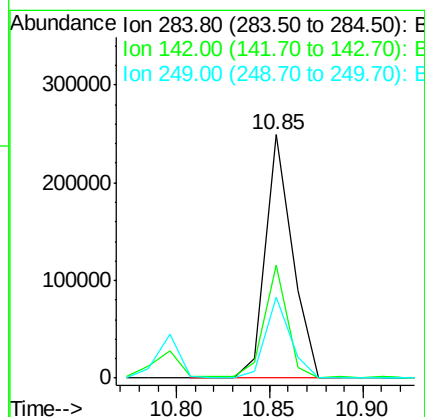
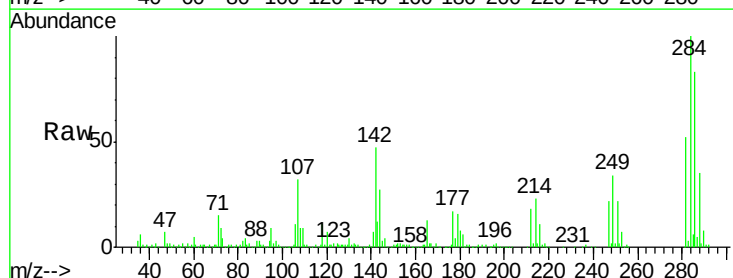
Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)MS

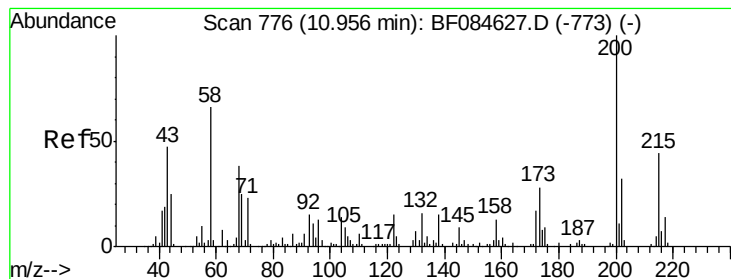
Tgt Ion:248 Resp: 263637
Ion Ratio Lower Upper
248 100
250 97.9 78.4 117.6
141 73.1 44.0 66.0#



#67
Hexachlorobenzene
Concen: 36.92 ng
RT: 10.85 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Tgt Ion:284 Resp: 246408
Ion Ratio Lower Upper
284 100
142 46.5 22.2 33.4#
249 33.5 24.6 37.0





#68

Atrazine

Concen: 43.92 ng

RT: 10.96 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

SUP-B015(6-9)MS

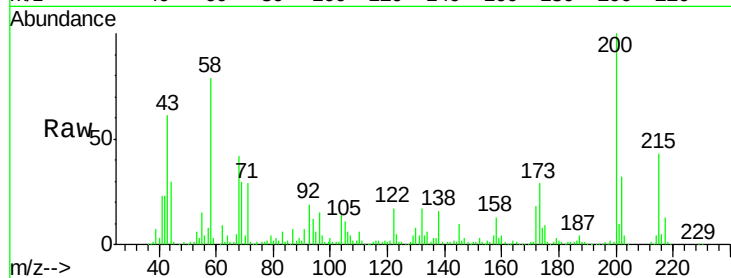
Tgt Ion:200 Resp: 232424

Ion Ratio Lower Upper

200 100

173 29.1 9.5 49.5

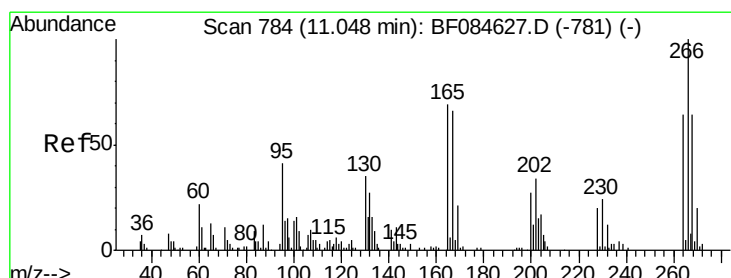
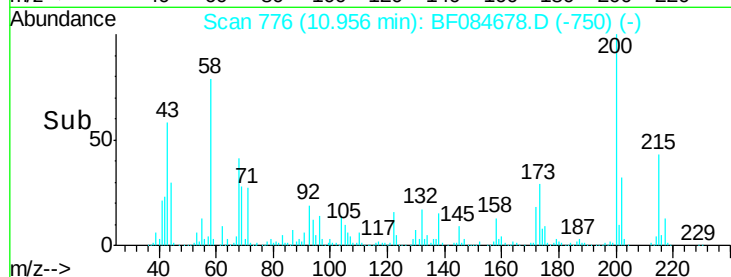
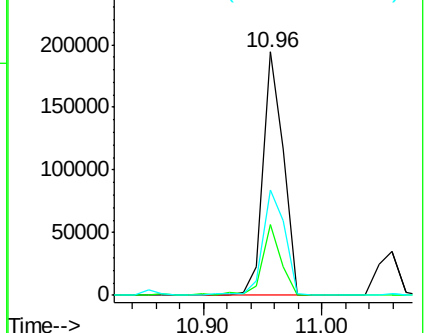
215 43.4 23.8 63.8



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: 70.86 ng

RT: 11.06 min Scan# 785

Delta R.T. 0.01 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

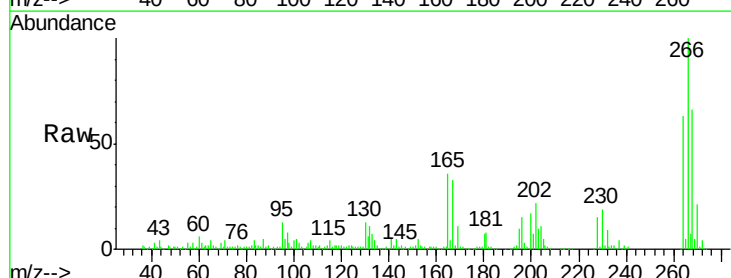
Tgt Ion:266 Resp: 228458

Ion Ratio Lower Upper

266 100

268 66.2 52.4 78.6

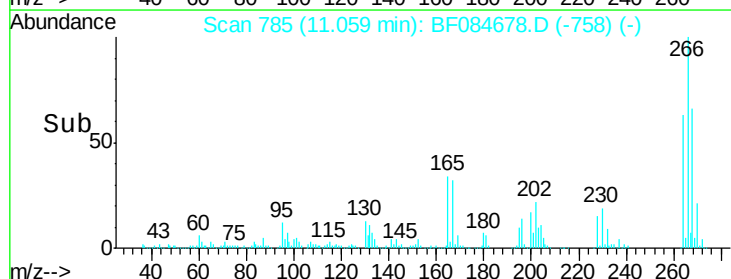
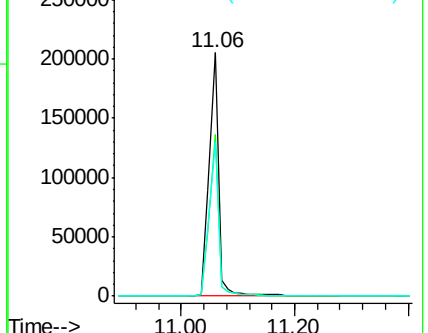
264 63.3 50.2 75.2

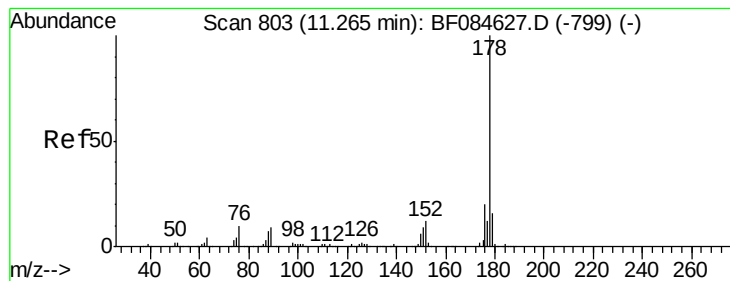


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 46.34 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

SUP-B015(6-9)MS

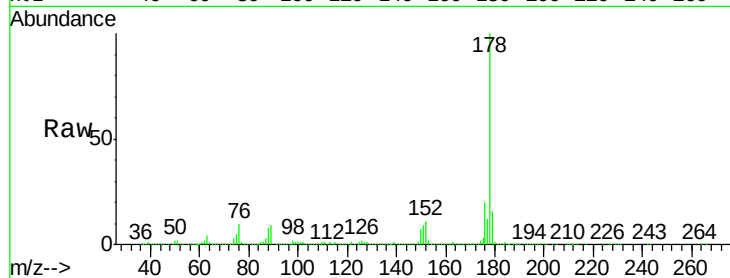
Tgt Ion:178 Resp: 1395797

Ion Ratio Lower Upper

178 100

176 20.2 15.3 22.9

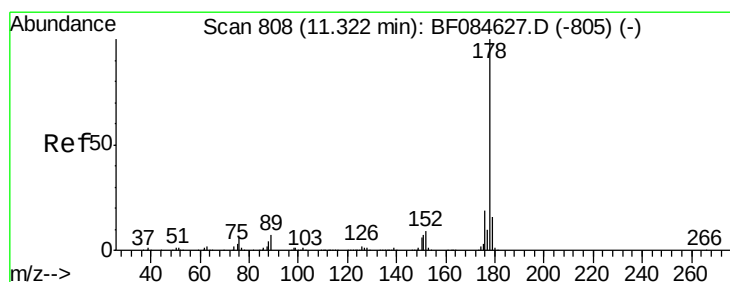
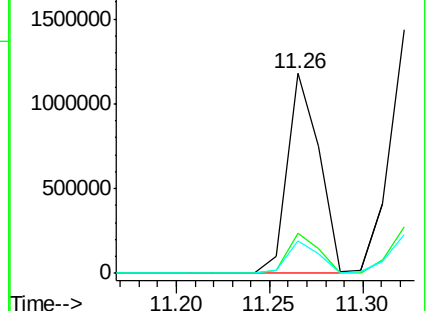
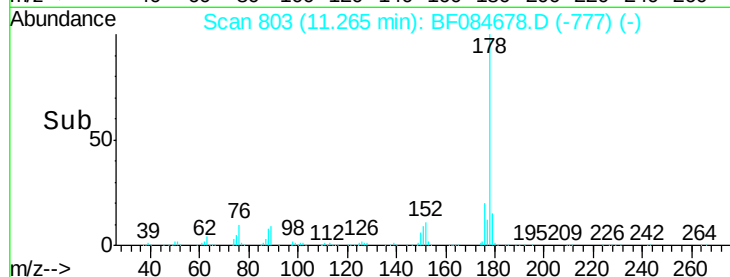
179 16.3 12.0 18.0



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: 43.18 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

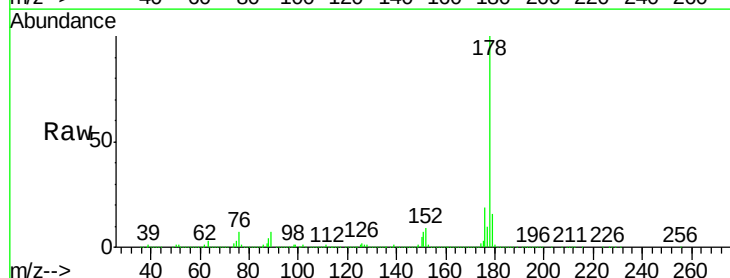
Tgt Ion:178 Resp: 1322444

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

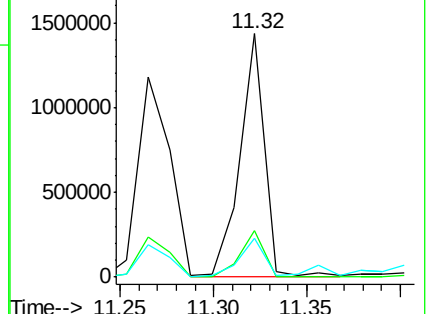
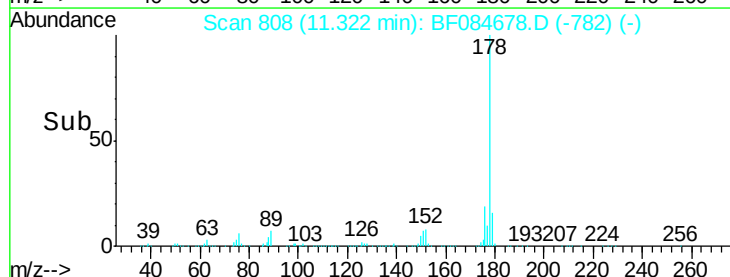
179 15.8 12.5 18.7

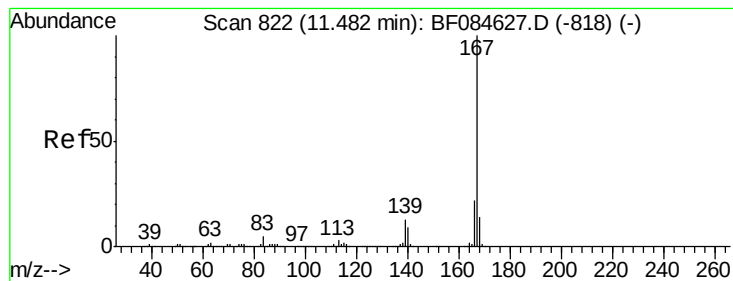


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 42.30 ng

RT: 11.48 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

SUP-B015(6-9)MS

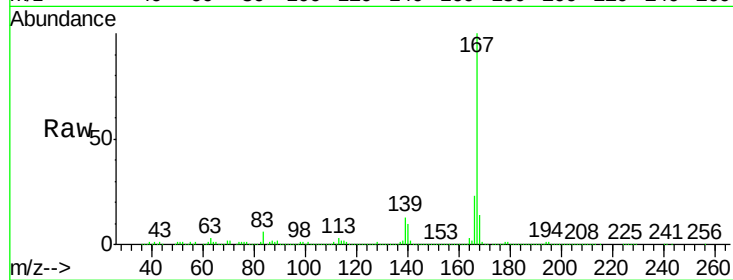
Tgt Ion:167 Resp: 1116478

Ion Ratio Lower Upper

167 100

166 22.6 17.6 26.4

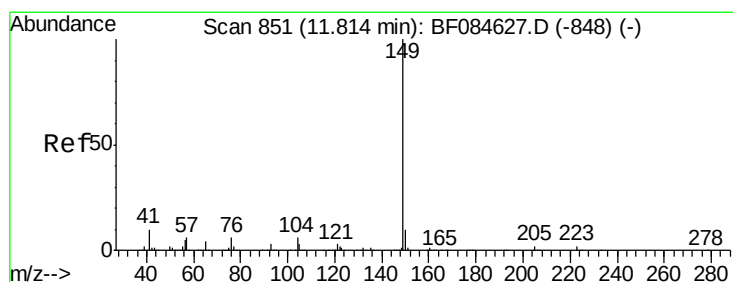
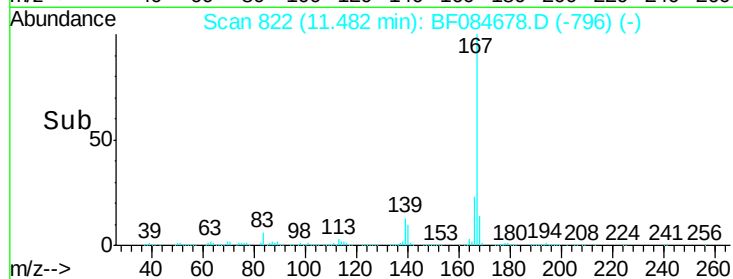
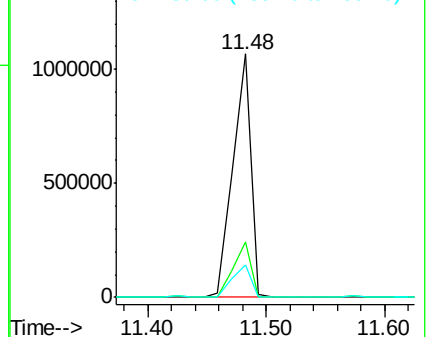
139 13.4 11.8 17.8



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: 40.83 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

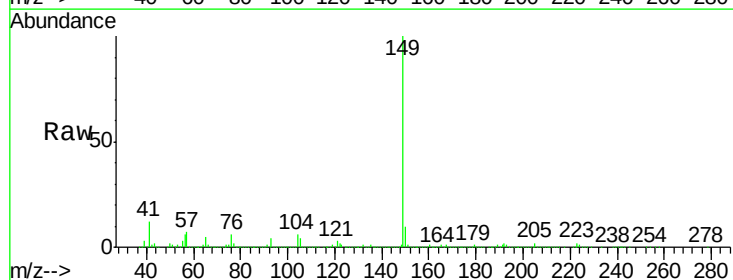
Tgt Ion:149 Resp: 1310582

Ion Ratio Lower Upper

149 100

150 9.7 7.1 10.7

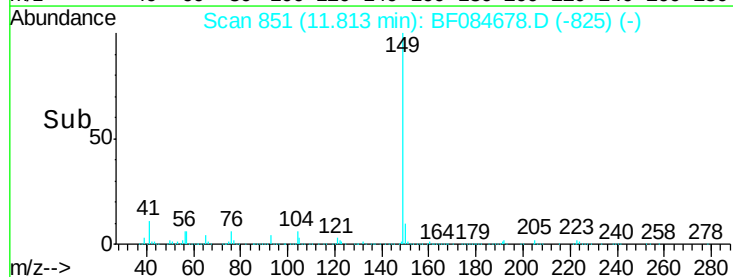
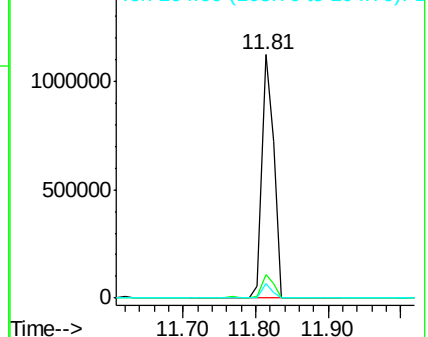
104 6.2 3.2 4.8#

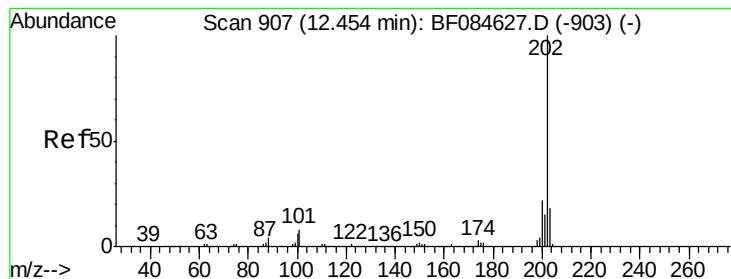


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 43.06 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

SUP-B015(6-9)MS

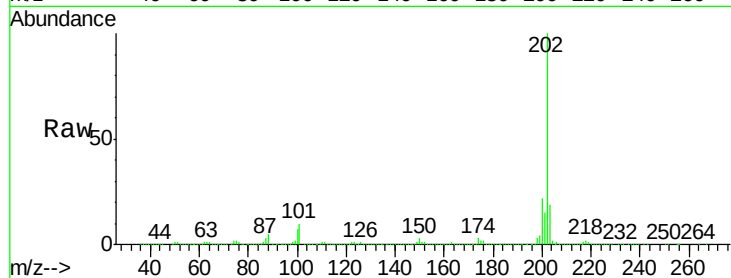
Tgt Ion:202 Resp: 1282348

Ion Ratio Lower Upper

202 100

101 10.2 0.0 32.8

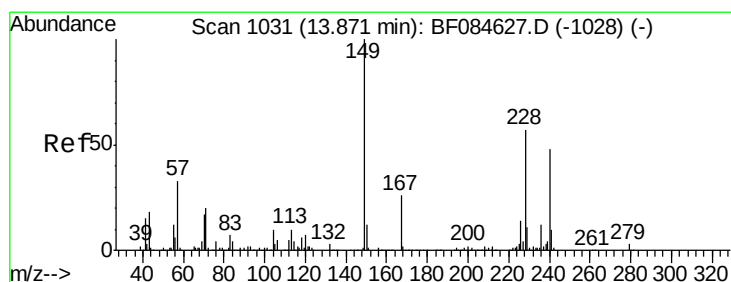
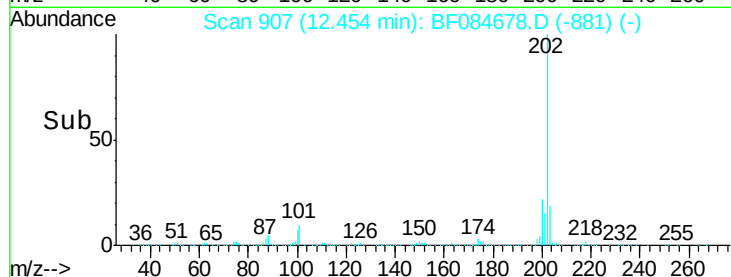
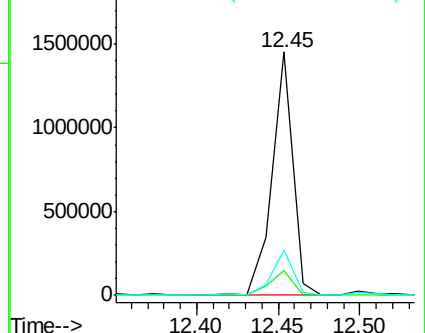
203 18.7 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

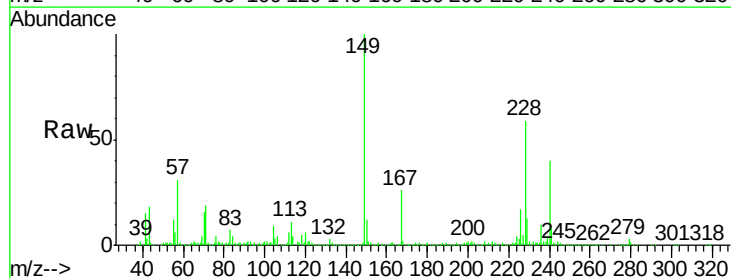
Tgt Ion:240 Resp: 314928

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3#

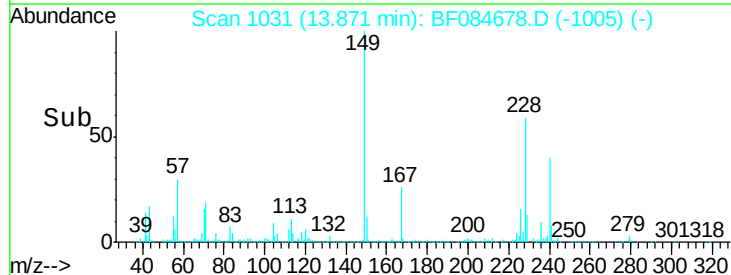
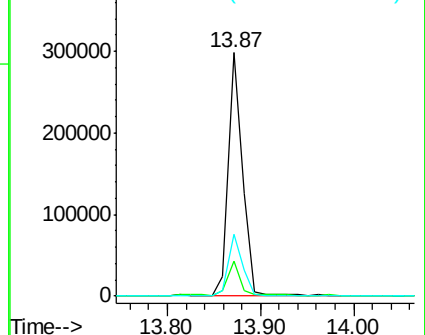
236 25.4 20.6 31.0

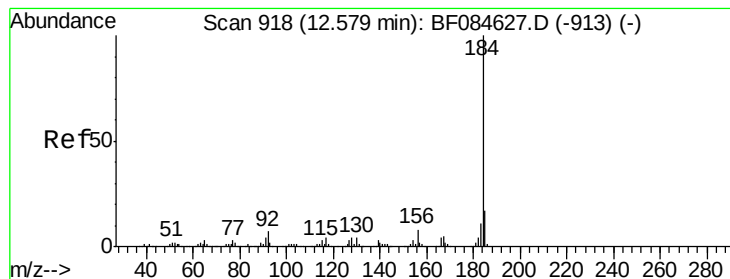


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 18.29 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

SUP-B015(6-9)MS

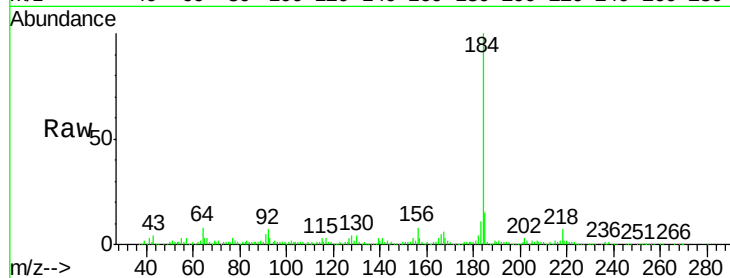
Tgt Ion:184 Resp: 219052

Ion Ratio Lower Upper

184 100

185 15.1 12.2 18.2

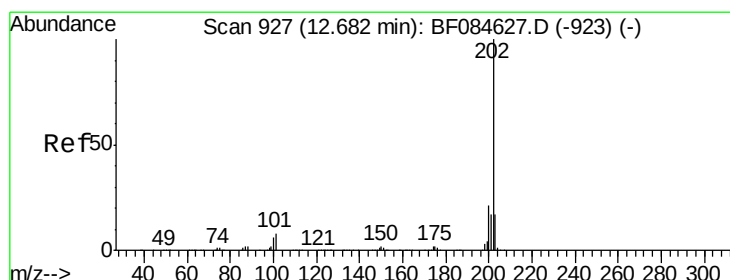
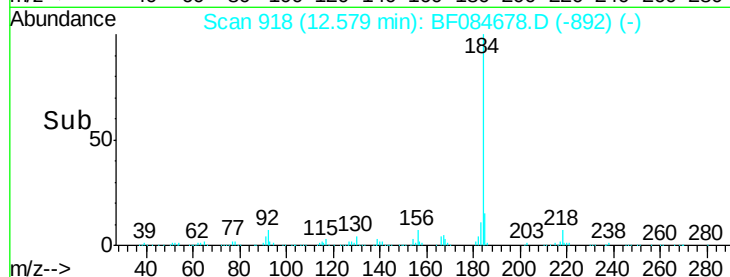
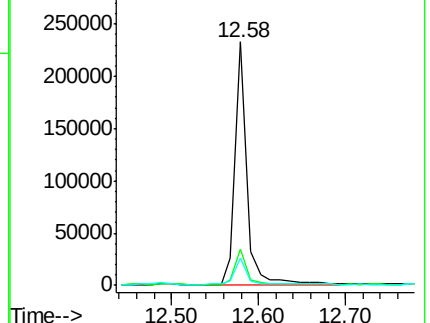
183 11.3 9.8 14.8



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: 54.19 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

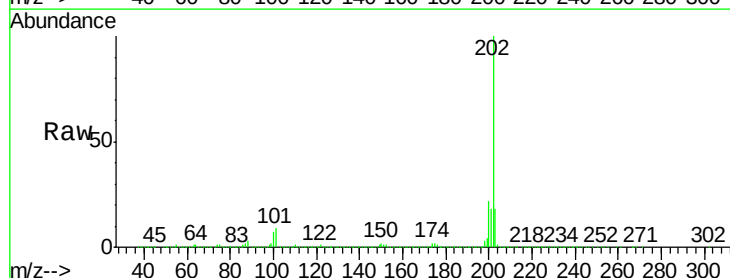
Tgt Ion:202 Resp: 1287287

Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

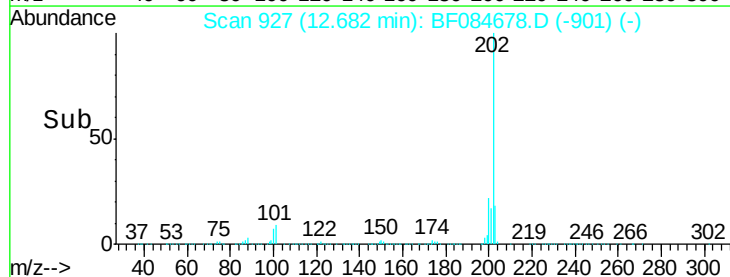
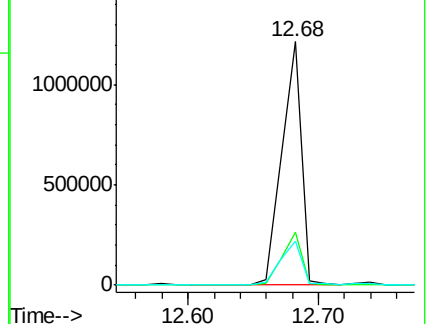
203 18.0 14.3 21.5

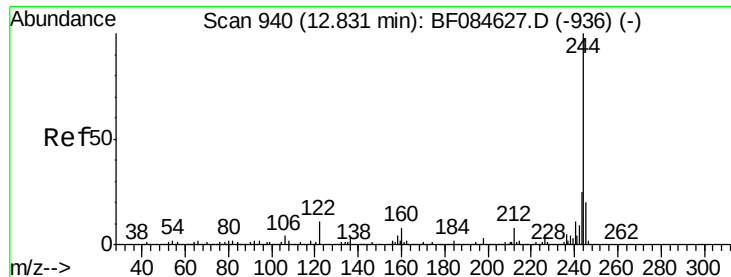


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 86.92 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

SUP-B015(6-9)MS

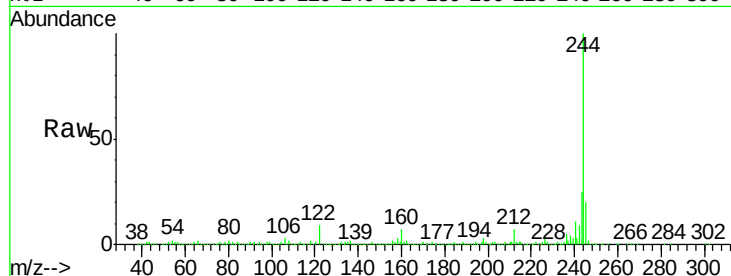
Tgt Ion:244 Resp: 1211967

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	9.0	7.4	11.0

244 100

212 7.1 5.7 8.5

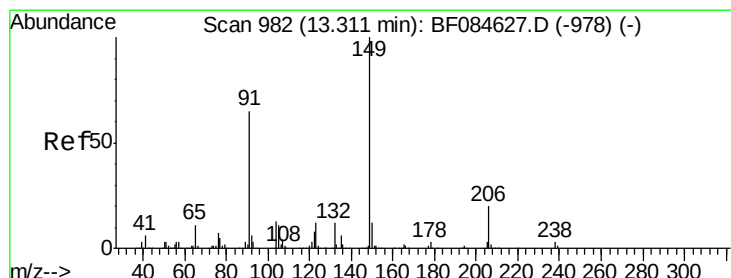
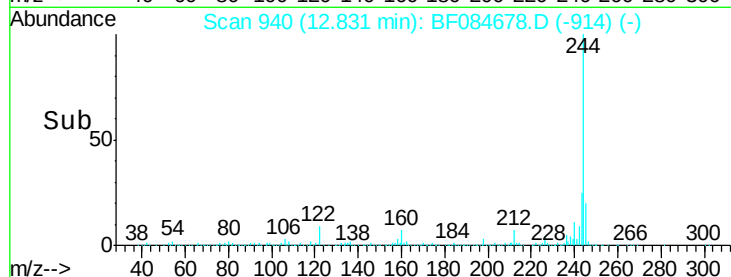
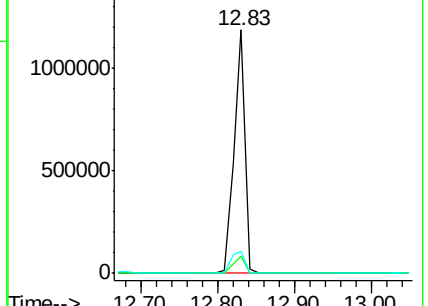
122 9.0 7.4 11.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 50.73 ng

RT: 13.31 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

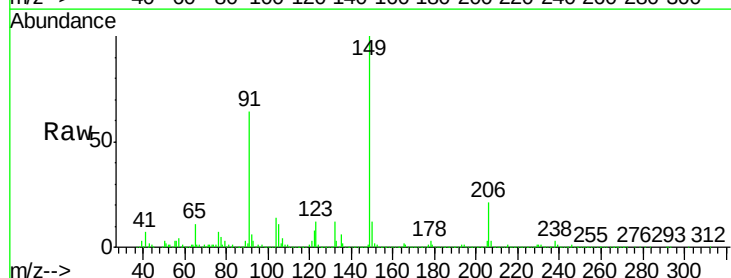
Tgt Ion:149 Resp: 514761

Ion	Ratio	Lower	Upper
149	100		
91	63.8	57.6	86.4
206	21.0	13.2	19.8

149 100

91 63.8 57.6 86.4

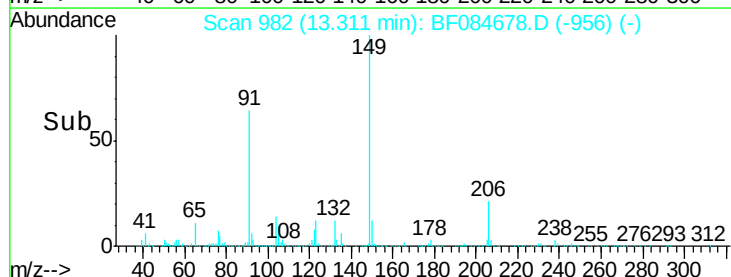
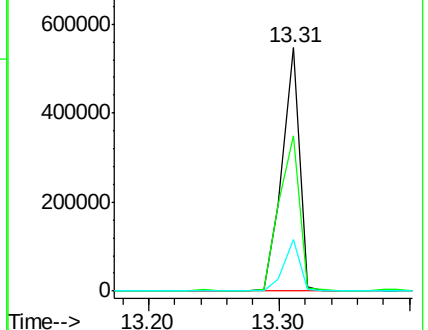
206 21.0 13.2 19.8

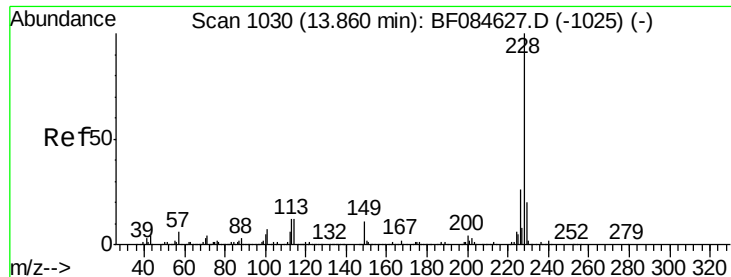


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 44.66 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

SUP-B015(6-9)MS

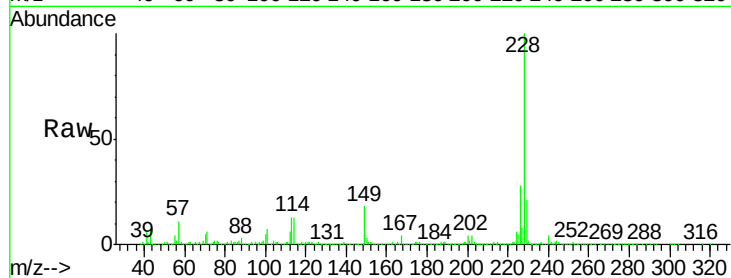
Tgt Ion:228 Resp: 876812

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.6

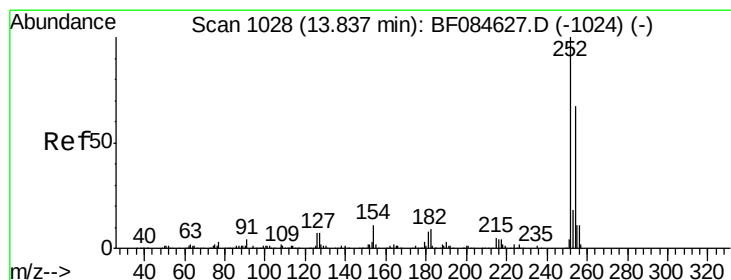
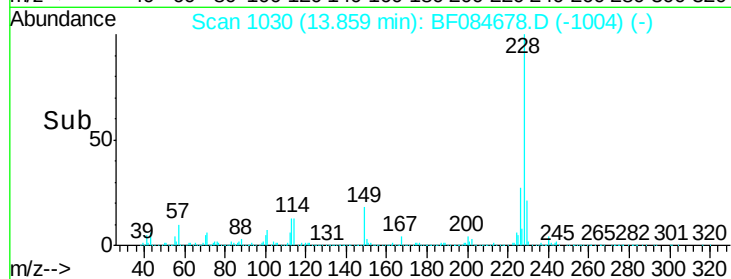
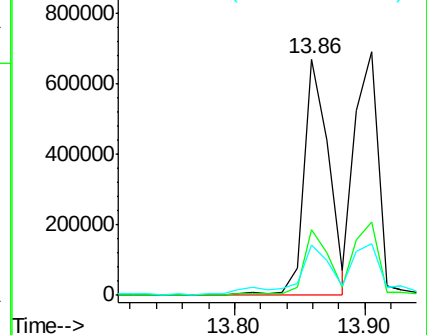
229 21.3 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 23.14 ng

RT: 13.84 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

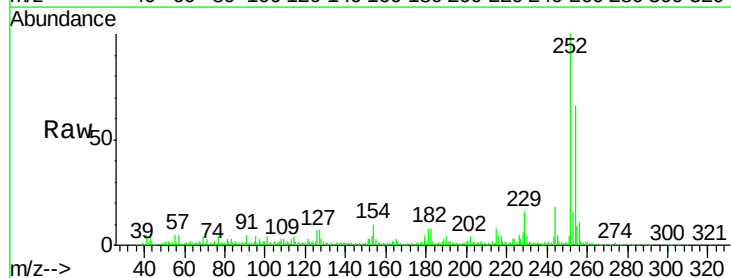
Tgt Ion:252 Resp: 159836

Ion Ratio Lower Upper

252 100

254 65.6 53.5 80.3

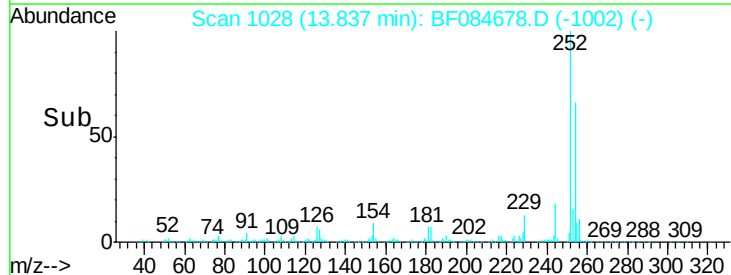
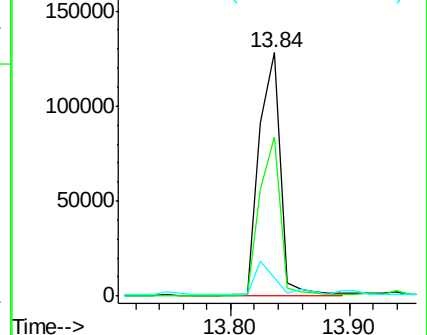
126 7.5 4.9 7.3#

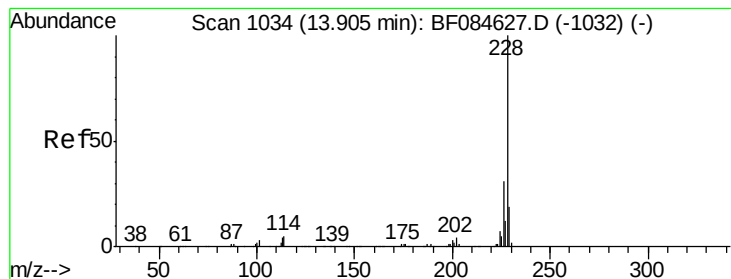


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 44.79 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

SUP-B015(6-9)MS

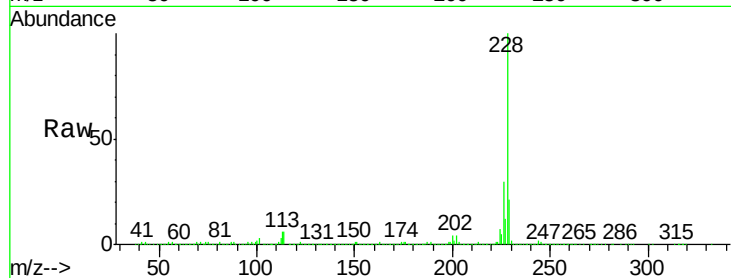
Tgt Ion:228 Resp: 866672

Ion Ratio Lower Upper

228 100

226 30.0 24.3 36.5

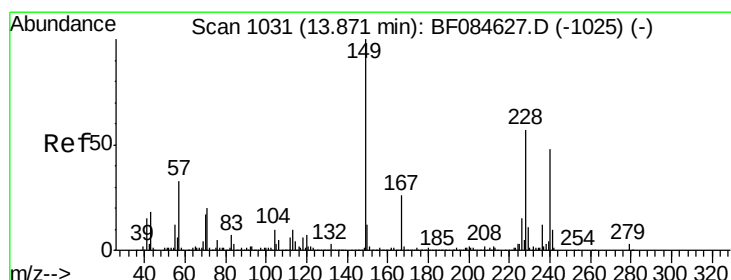
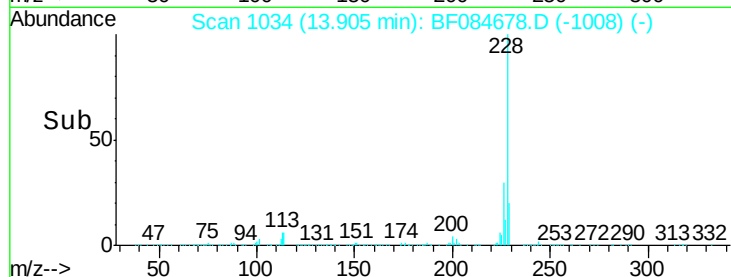
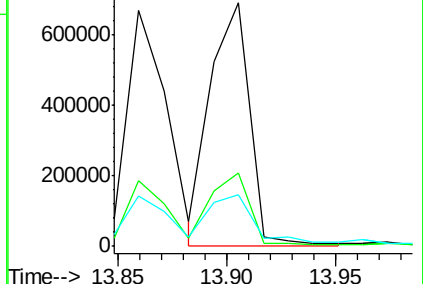
229 21.3 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 48.72 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

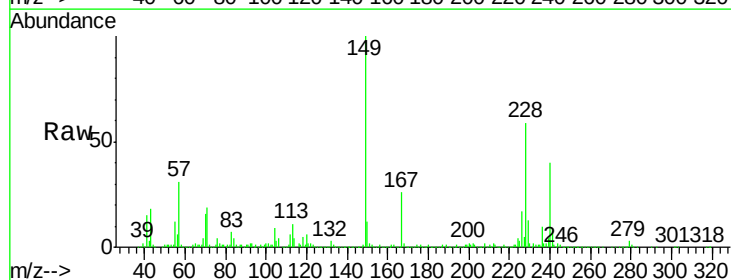
Tgt Ion:149 Resp: 641256

Ion Ratio Lower Upper

149 100

167 25.7 19.7 29.5

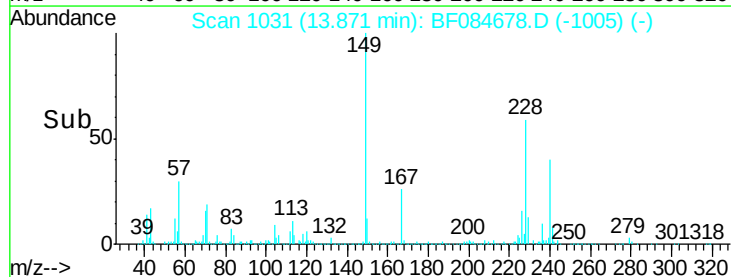
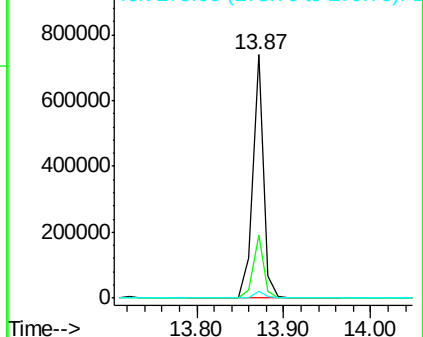
279 2.8 1.8 2.6#

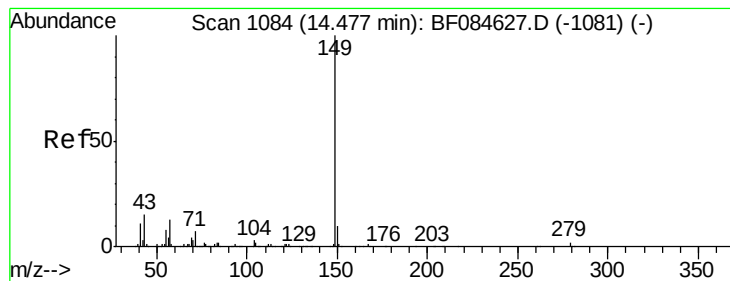


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 48.41 ng

RT: 14.48 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

SUP-B015(6-9)MS

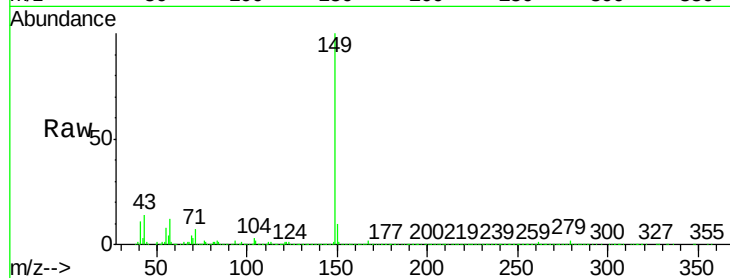
Tgt Ion:149 Resp: 1006743

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

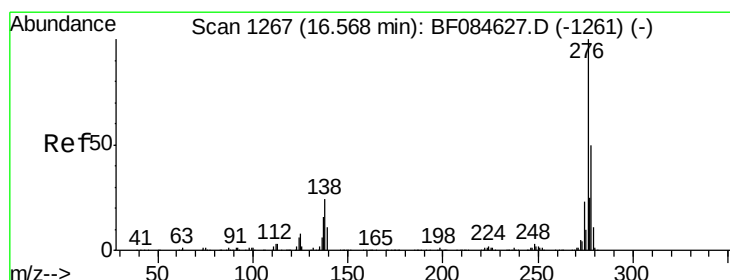
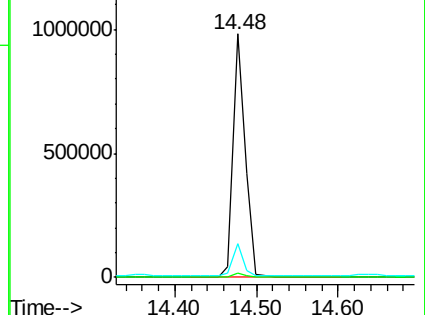
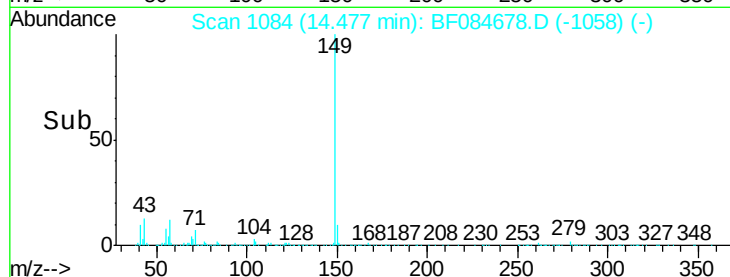
43 11.7 5.6 8.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 48.55 ng

RT: 16.58 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

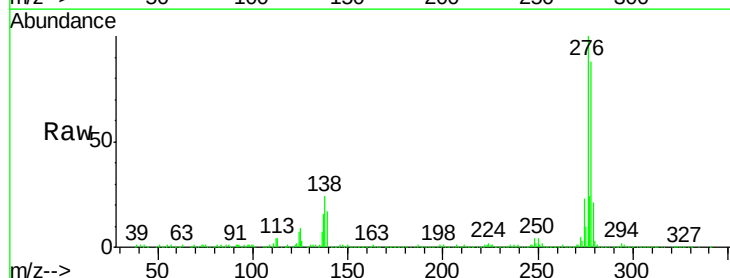
Tgt Ion:276 Resp: 830528

Ion Ratio Lower Upper

276 100

138 24.6 20.6 30.8

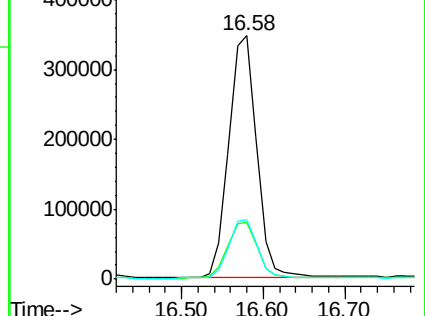
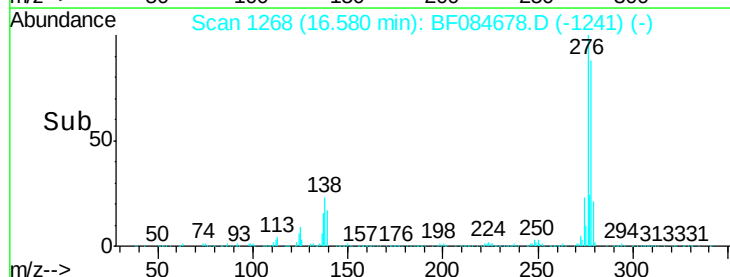
277 25.0 20.1 30.1

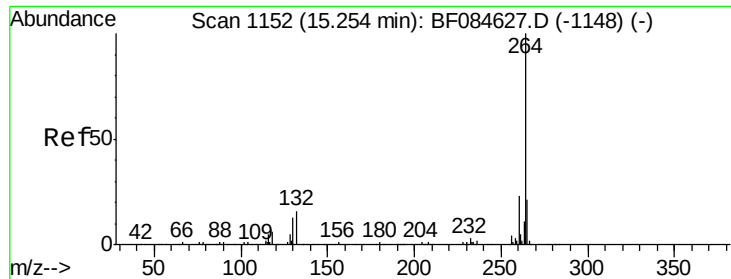


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

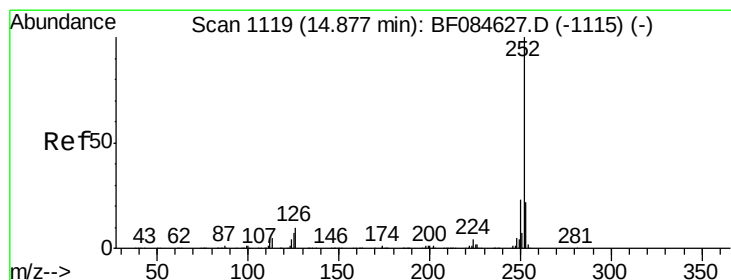
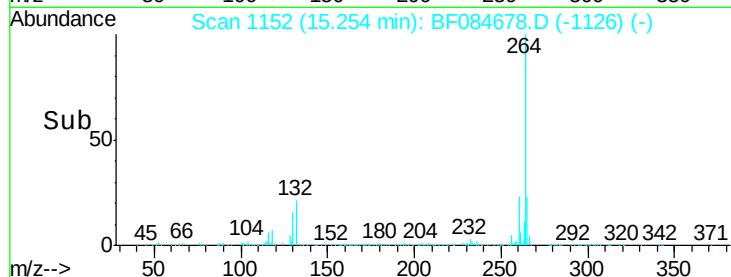
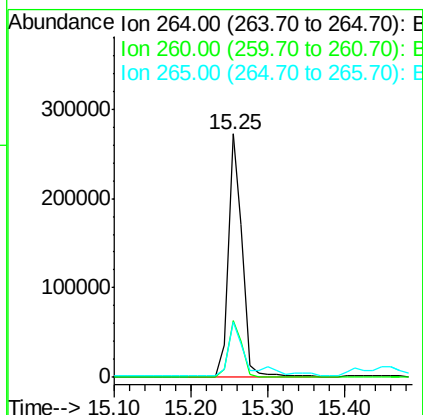
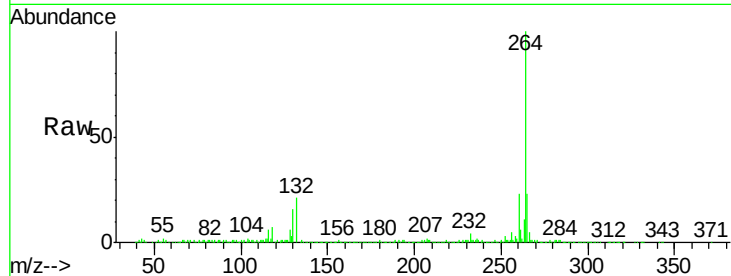




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

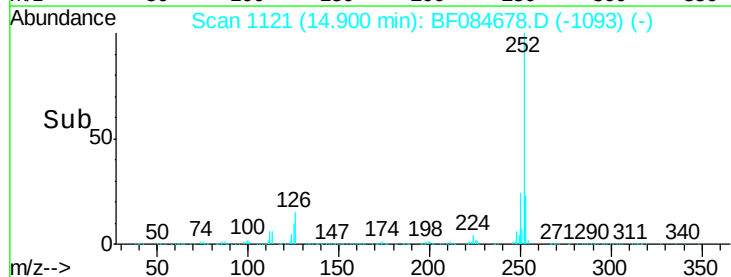
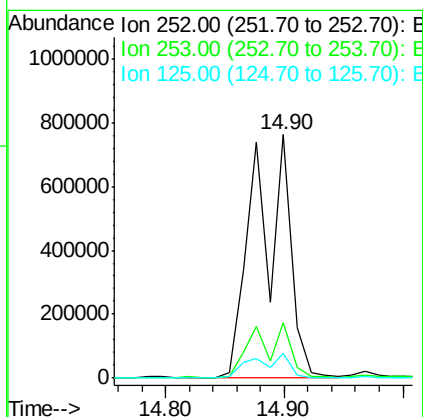
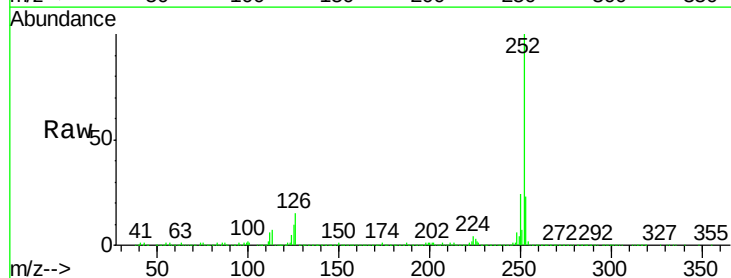
Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)MS

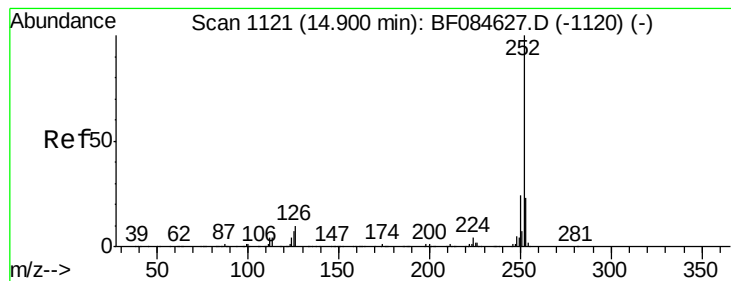
Tgt Ion:264 Resp: 348523
Ion Ratio Lower Upper
264 100
260 23.4 19.4 29.2
265 23.0 17.8 26.6



#87
Benzo(b)fluoranthene
Concen: 68.91 ng
RT: 14.90 min Scan# 1121
Delta R.T. 0.02 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Tgt Ion:252 Resp: 1555137
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 10.4 6.5 9.7#





#88

Benzo(k)fluoranthene

Concen: 83.43 ng

RT: 14.90 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

SUP-B015(6-9)MS

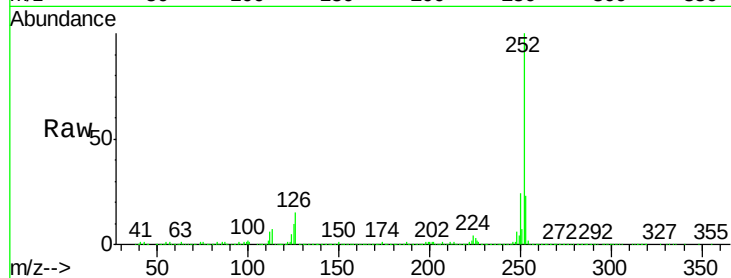
Tgt Ion:252 Resp: 1555137

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

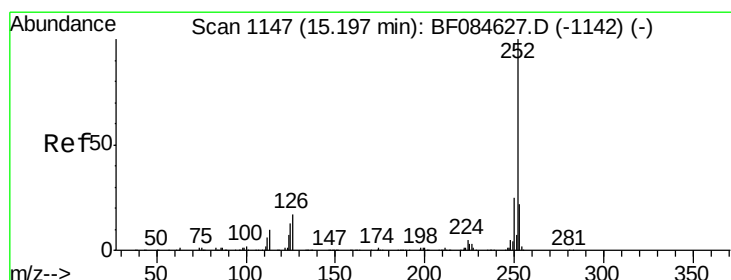
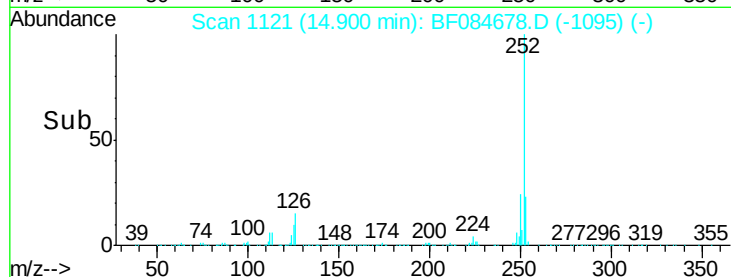
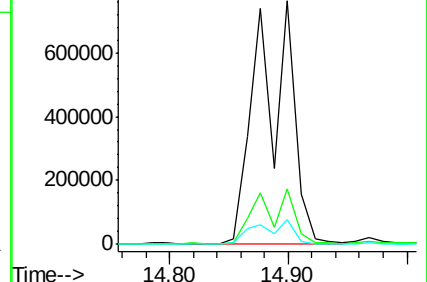
125 10.4 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 38.72 ng

RT: 15.21 min Scan# 1148

Delta R.T. 0.01 min

Lab File: BF084678.D

Acq: 30 Jan 2016 11:36

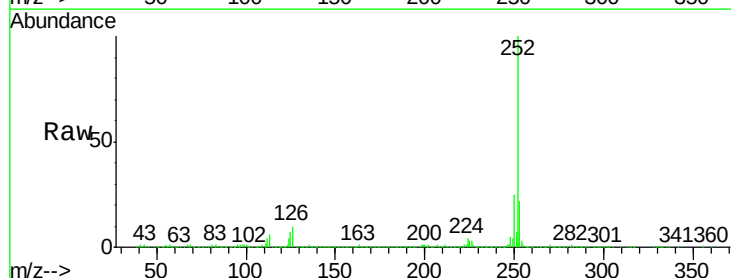
Tgt Ion:252 Resp: 755906

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

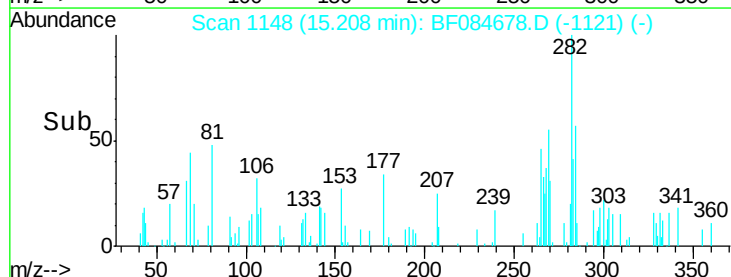
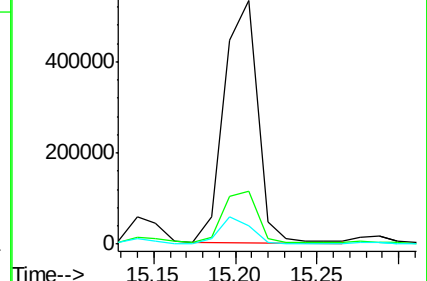
125 7.5 7.0 10.4

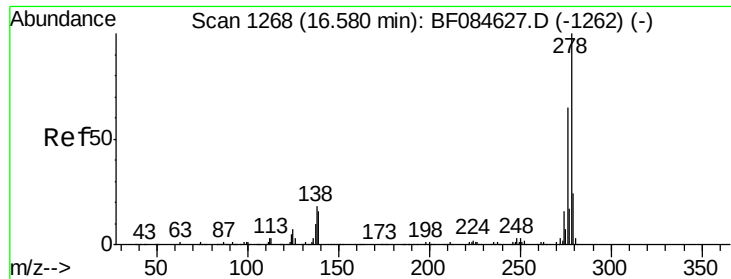


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



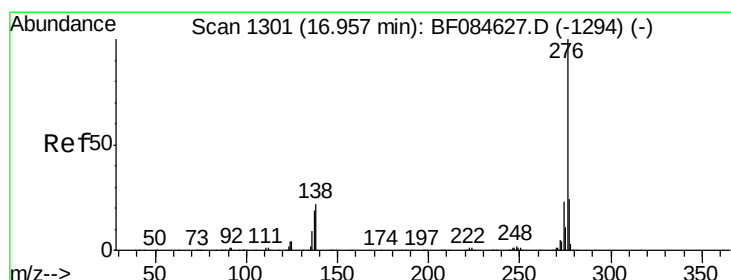
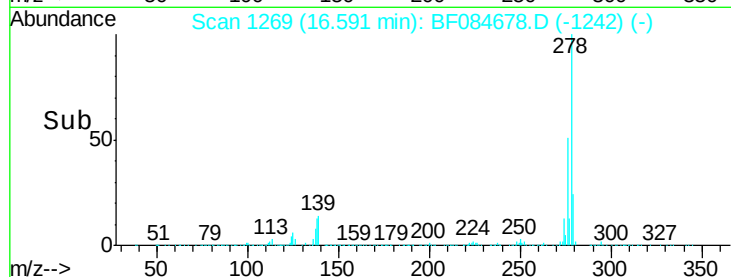
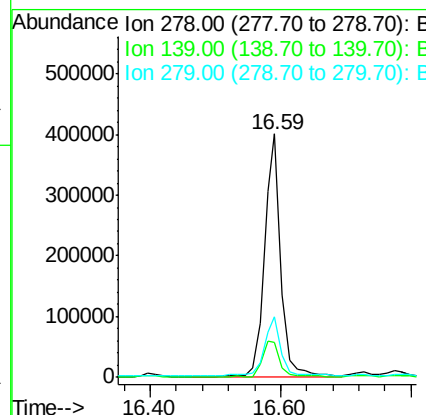
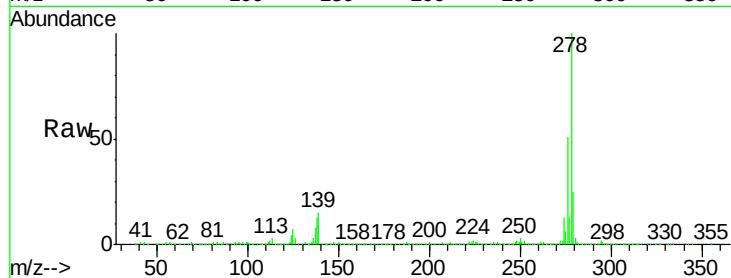


#90
Dibenzo(a,h)anthracene
Concen: 39.60 ng
RT: 16.59 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)MS

Tgt Ion:278 Resp: 696669

Ion	Ratio	Lower	Upper
278	100		
139	14.5	15.0	22.4#
279	25.0	18.9	28.3



#91
Benzo(g,h,i)perylene
Concen: 40.02 ng
RT: 16.97 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF084678.D
Acq: 30 Jan 2016 11:36

Tgt Ion:276 Resp: 710778

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	21.8	17.8	26.6

