

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
 Data File : BF084670.D
 Acq On : 30 Jan 2016 7:55
 Operator : SJ/IZ
 Sample : H1272-09MSD
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(20-23)MSD

Quant Time: Feb 01 00:21:05 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	171665	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	680780	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	311233	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	542762	20.00	ng	0.00
75) Chrysene-d12	13.87	240	335783	20.00	ng	0.00
86) Perylene-d12	15.25	264	301052	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1459213	128.31	ng	0.02
7) Phenol-d6	6.37	99	1757456	128.94	ng	0.00
23) Nitrobenzene-d5	7.30	82	1125538	92.40	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	438468	134.42	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1677012	80.09	ng	0.00
78) Terphenyl-d14	12.83	244	1380459	92.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	186232	35.12	ng	# 77
3) Pyridine	2.97	79	511593	36.21	ng	# 77
4) n-Nitrosodimethylamine	2.92	42	289116	41.86	ng	83
6) Aniline	6.38	93	530897	30.34	ng	# 52
8) 2-Chlorophenol	6.51	128	536993	42.57	ng	91
9) Benzaldehyde	6.27	77	28576	3.62	ng	92
10) Phenol	6.40	94	622528	40.98	ng	99
11) bis(2-Chloroethyl)ether	6.46	93	502646	42.54	ng	# 82
12) 1,3-Dichlorobenzene	6.90	146	531950	39.36	ng	100
13) 1,4-Dichlorobenzene	6.74	146	532793	40.17	ng	97
14) 1,2-Dichlorobenzene	6.90	146	532297	43.58	ng	97
15) Benzyl Alcohol	6.88	79	429186	46.26	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.01	45	814162	40.26	ng	86
17) 2-Methylphenol	7.00	107	457044	46.74	ng	96
18) Hexachloroethane	7.24	117	213212	41.09	ng	# 83
19) n-Nitroso-di-n-propylamine	7.15	70	366877	44.07	ng	# 75
20) 3+4-Methylphenols	7.15	107	534289	45.02	ng	# 72
22) Acetophenone	7.14	105	753582	42.38	ng	99
24) Nitrobenzene	7.31	77	519179	40.10	ng	94
25) Isophorone	7.56	82	1035297	45.36	ng	95
26) 2-Nitrophenol	7.63	139	291442	47.33	ng	# 86
27) 2,4-Dimethylphenol	7.68	122	456238	42.29	ng	96
28) bis(2-Chloroethoxy)methane	7.77	93	621723	45.39	ng	98
29) 2,4-Dichlorophenol	7.88	162	441606	46.80	ng	93
30) 1,2,4-Trichlorobenzene	7.95	180	460747	42.69	ng	96
31) Naphthalene	8.03	128	1399928	40.74	ng	99
32) Benzoic acid	7.76	122	22999	2.78	ng	93
33) 4-Chloroaniline	8.09	127	261393	18.70	ng	96
34) Hexachlorobutadiene	8.16	225	270669	42.44	ng	99
35) Caprolactam	8.46	113	95719	35.35	ng	# 74
36) 4-Chloro-3-methylphenol	8.58	107	487109	46.88	ng	92
37) 2-Methylnaphthalene	8.73	142	1069382	50.69	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	394025	39.04	ng	99
40) Hexachlorocyclopentadiene	8.88	237	416825	90.83	ng	97

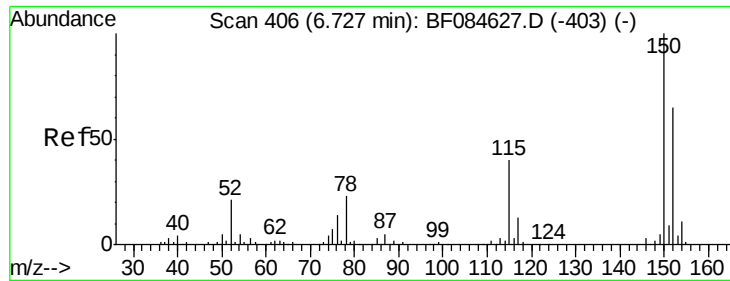
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
 Data File : BF084670.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	293669	46.84	ng	93
43) 2,4,5-Trichlorophenol	9.06	196	317285	49.01	ng	97
45) 1,1'-Biphenyl	9.20	154	1197099	41.97	ng	95
46) 2-Chloronaphthalene	9.21	162	889027	42.72	ng	98
47) 2-Nitroaniline	9.31	65	269535	43.12	ng	96
48) Acenaphthylene	9.63	152	1404949	44.56	ng	98
49) Dimethylphthalate	9.50	163	1302851	55.77	ng	# 91
50) 2,6-Dinitrotoluene	9.56	165	250599	48.76	ng	95
51) Acenaphthene	9.80	154	964808	45.69	ng	97
52) 3-Nitroaniline	9.72	138	156364	29.12	ng	96
53) 2,4-Dinitrophenol	9.84	184	92905	36.63	ng	# 80
54) Dibenzofuran	9.97	168	1269371	50.37	ng	98
55) 4-Nitrophenol	9.90	139	358827	90.96	ng	# 84
56) 2,4-Dinitrotoluene	9.96	165	321517	48.15	ng	95
57) Fluorene	10.32	166	926666	43.38	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	232121	47.43	ng	93
59) Diethylphthalate	10.20	149	1030307	45.06	ng	96
60) 4-Chlorophenyl-phenylether	10.30	204	403577	42.09	ng	96
61) 4-Nitroaniline	10.34	138	232653	45.77	ng	93
62) Azobenzene	10.46	77	1084397	49.55	ng	90
64) 4,6-Dinitro-2-methylphenol	10.36	198	137295	38.73	ng	# 47
65) n-Nitrosodiphenylamine	10.43	169	879386	49.97	ng	98
66) 4-Bromophenyl-phenylether	10.80	248	295087	48.27	ng	# 94
67) Hexachlorobenzene	10.85	284	284584	42.80	ng	# 85
68) Atrazine	10.96	200	229815	43.58	ng	99
69) Pentachlorophenol	11.06	266	285782	88.96	ng	98
70) Phenanthrene	11.26	178	1399232	46.62	ng	97
71) Anthracene	11.32	178	1475982	48.37	ng	99
72) Carbazole	11.48	167	1268118	48.22	ng	98
73) Di-n-butylphthalate	11.81	149	1343490	42.00	ng	# 96
74) Fluoranthene	12.45	202	1512389	50.97	ng	94
76) Benzidine	12.58	184	610628	47.81	ng	99
77) Pyrene	12.68	202	1419641	56.05	ng	100
79) Butylbenzylphthalate	13.31	149	537160	49.65	ng	# 83
80) Benzo(a)anthracene	13.86	228	959030	45.82	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	188990	25.66	ng	# 95
82) Chrysene	13.89	228	867940	42.07	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	728068	51.88	ng	# 98
84) Di-n-octyl phthalate	14.48	149	1068621	48.19	ng	# 89
85) Indeno(1,2,3-cd)pyrene	16.57	276	983933	53.94	ng	99
87) Benzo(b)fluoranthene	14.90	252	1645049	84.39	ng	99
88) Benzo(k)fluoranthene	14.90	252	1645049	102.17	ng	# 96
89) Benzo(a)pyrene	15.20	252	782924	46.43	ng	# 96
90) Dibenzo(a,h)anthracene	16.58	278	782847	51.51	ng	98
91) Benzo(g,h,i)perylene	16.96	276	862110	56.19	ng	98

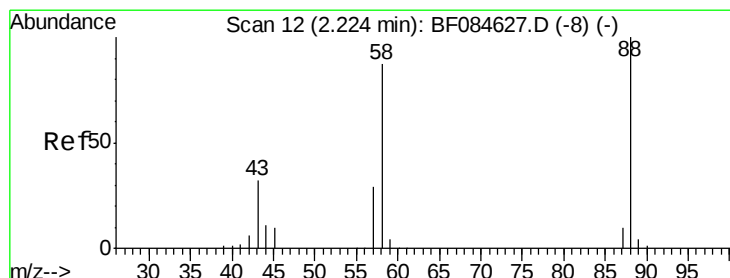
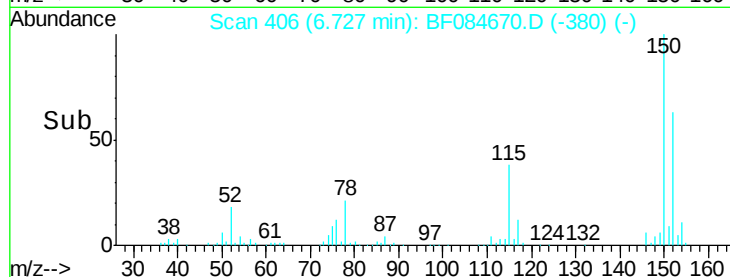
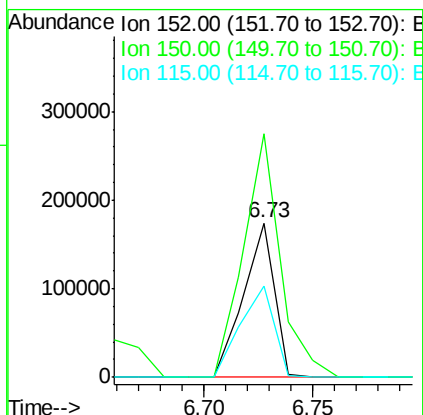
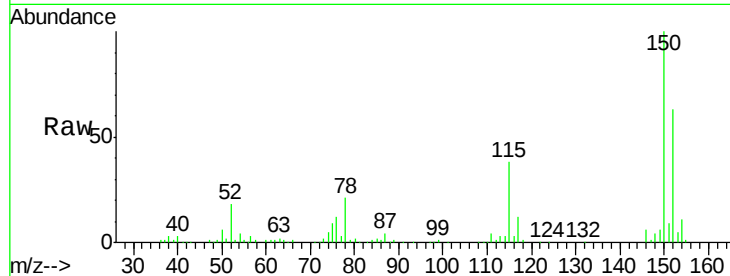
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.73 min Scan# 406
 Delta R.T. -0.00 min
 Lab File: BF084670.D
 Acq: 30 Jan 2016 7:55

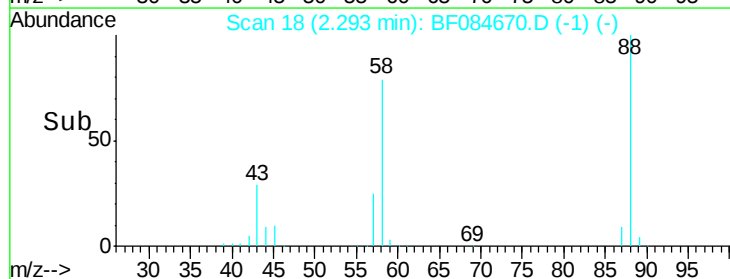
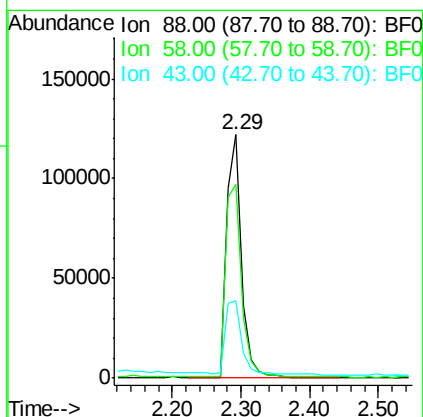
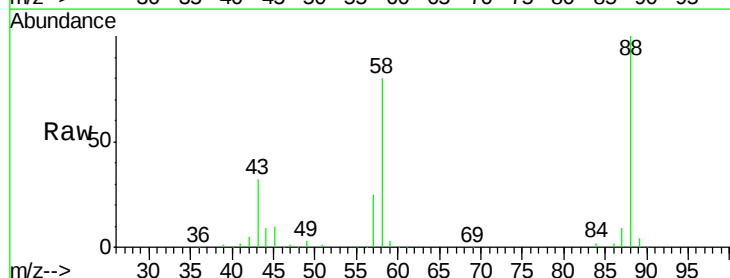
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(20-23)MSD

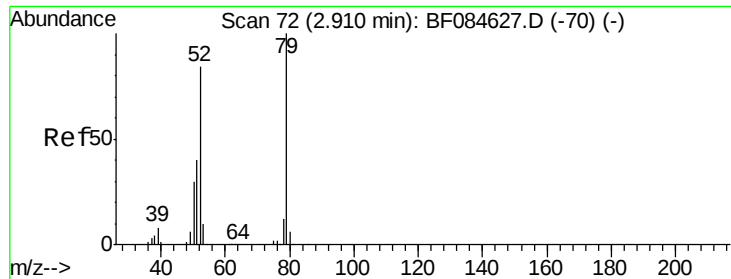
Tgt Ion:152 Resp: 171665
 Ion Ratio Lower Upper
 152 100
 150 157.9 123.0 184.4
 115 59.5 51.4 77.2



#2
 1,4-Dioxane
 Concen: 35.12 ng
 RT: 2.29 min Scan# 18
 Delta R.T. 0.07 min
 Lab File: BF084670.D
 Acq: 30 Jan 2016 7:55

Tgt Ion: 88 Resp: 186232
 Ion Ratio Lower Upper
 88 100
 58 84.2 51.2 76.8#
 43 32.8 19.5 29.3#

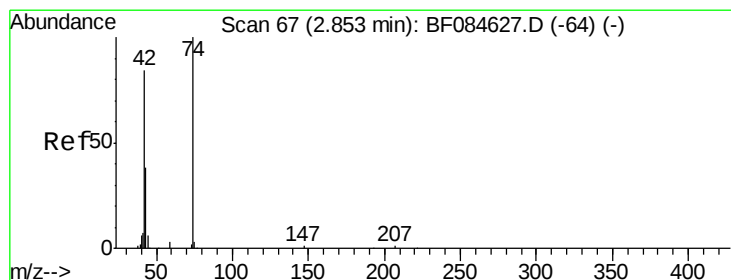
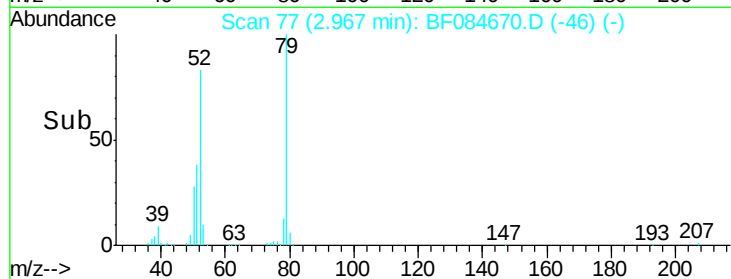
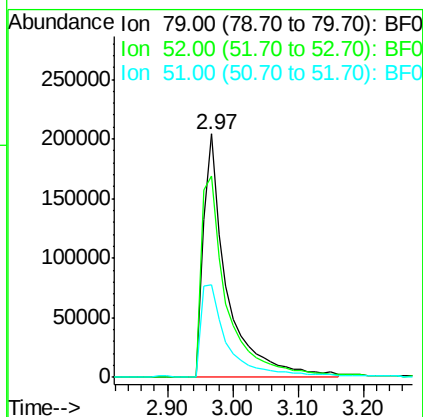
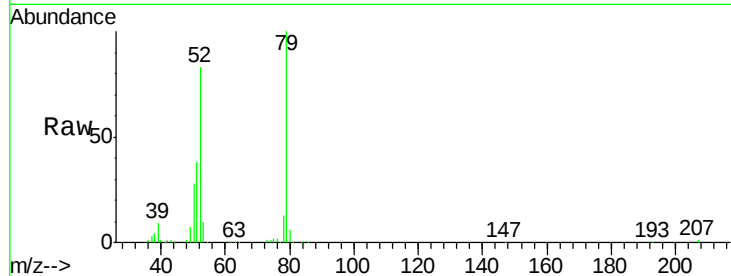




#3
 Pyridine
 Concen: 36.21 ng
 RT: 2.97 min Scan# 77
 Delta R.T. 0.06 min
 Lab File: BF084670.D
 Acq: 30 Jan 2016 7:55

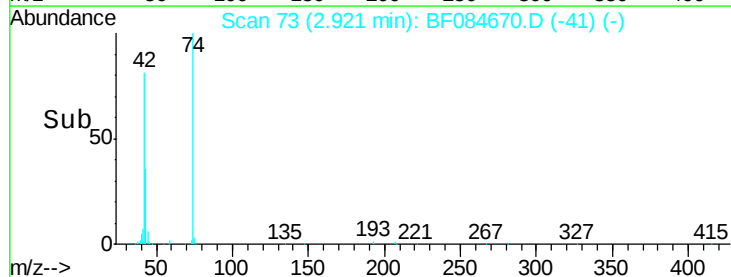
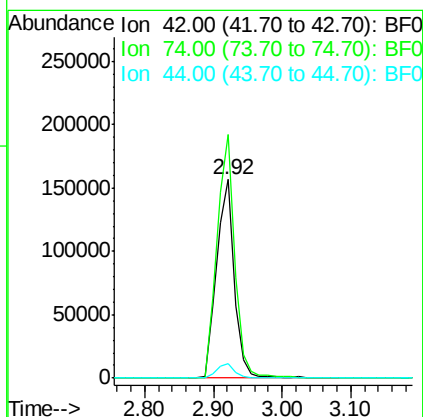
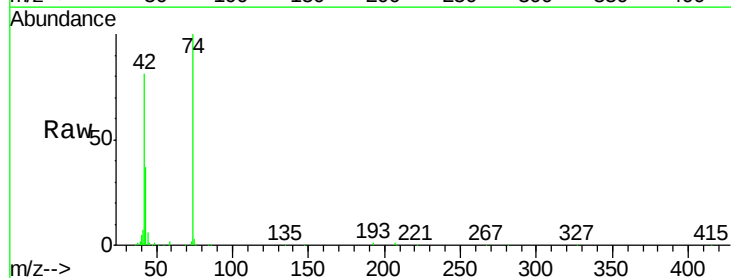
Instrument :
 BNA_F
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 SUP-B013(20-23)MSD

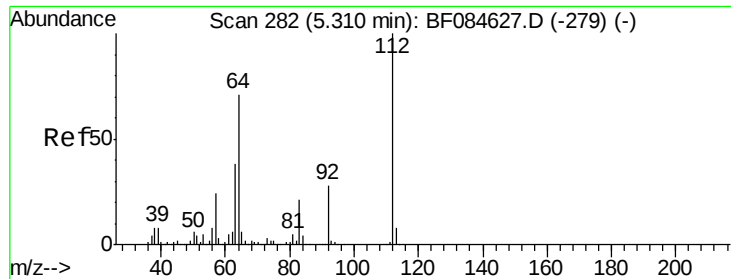
Tgt Ion: 79 Resp: 511593
 Ion Ratio Lower Upper
 79 100
 52 82.8 49.0 73.4#
 51 38.3 25.2 37.8#



#4
 n-Nitrosodimethylamine
 Concen: 41.86 ng
 RT: 2.92 min Scan# 73
 Delta R.T. 0.07 min
 Lab File: BF084670.D
 Acq: 30 Jan 2016 7:55

Tgt Ion: 42 Resp: 289116
 Ion Ratio Lower Upper
 42 100
 74 122.8 115.7 173.5
 44 7.5 5.1 7.7





#5

2-Fluorophenol

Concen: 128.31 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.02 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MSD

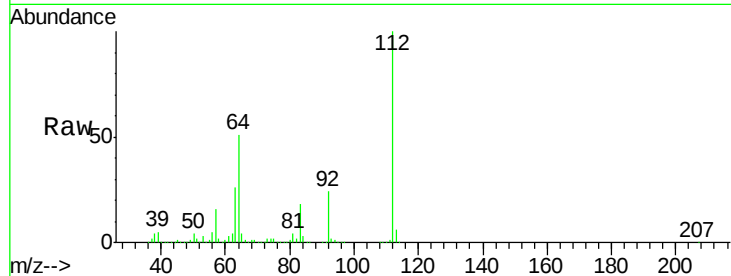
Tgt Ion:112 Resp: 1459213

Ion Ratio Lower Upper

112 100

64 51.2 36.6 55.0

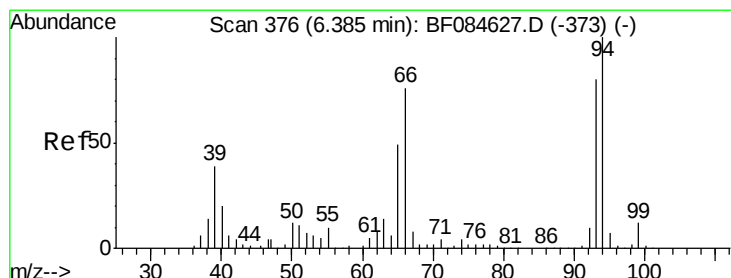
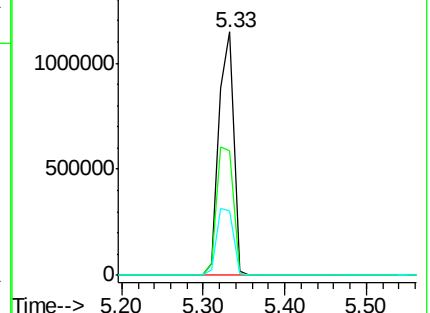
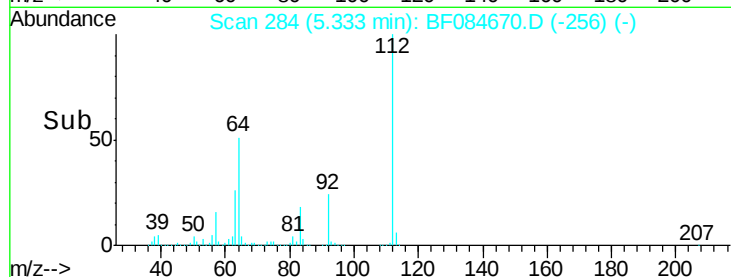
63 26.4 19.4 29.0



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: 30.34 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

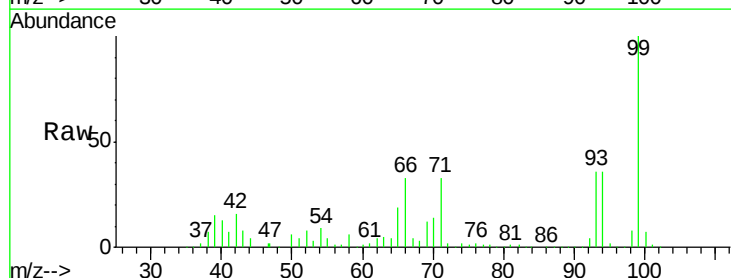
Tgt Ion: 93 Resp: 530897

Ion Ratio Lower Upper

93 100

66 92.3 44.9 67.3#

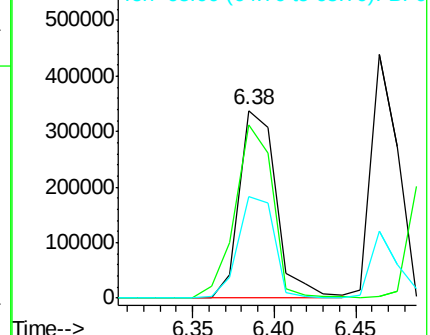
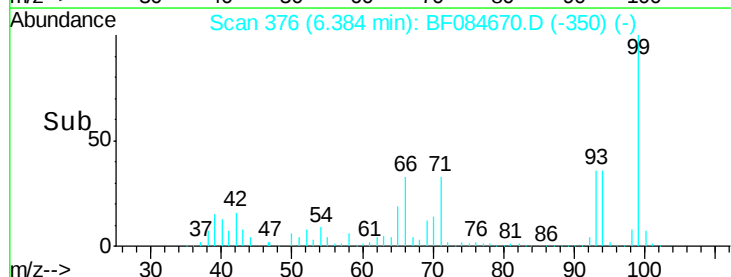
65 54.0 23.7 35.5#

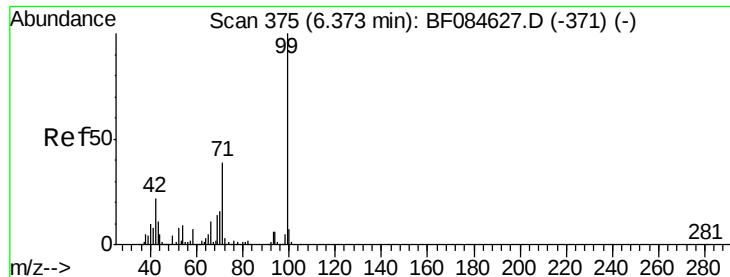


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.94 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084670.D

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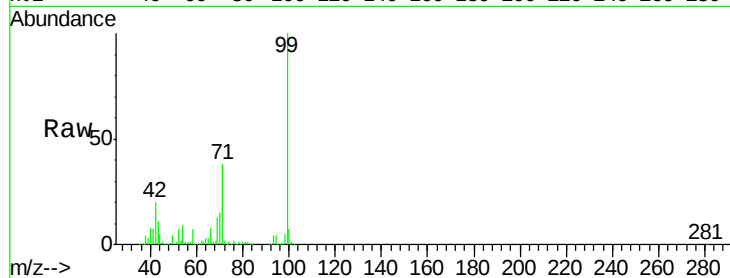
Tgt Ion: 99 Resp: 1757456

Ion Ratio Lower Upper

99 100

42 20.5 12.8 19.2#

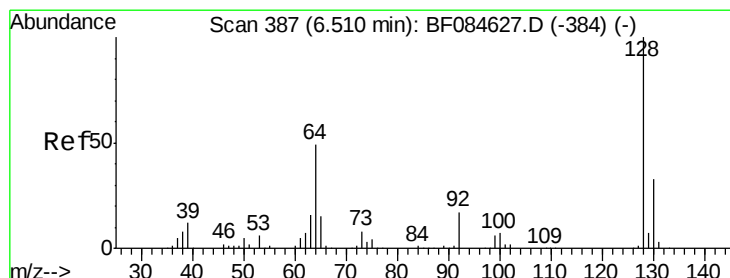
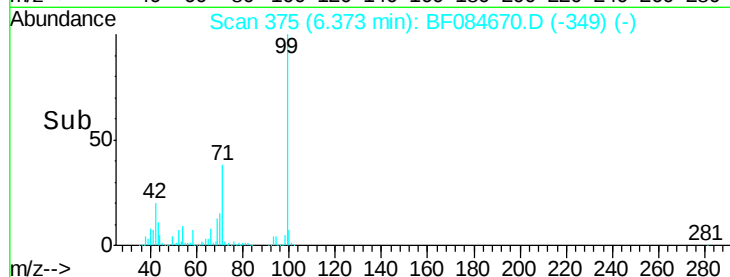
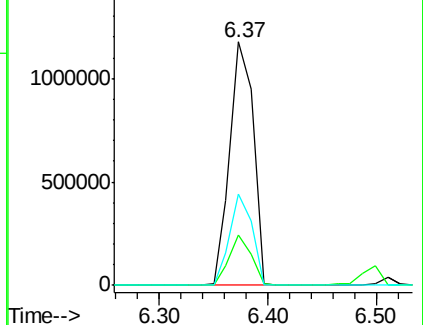
71 37.6 30.9 46.3



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: 42.57 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

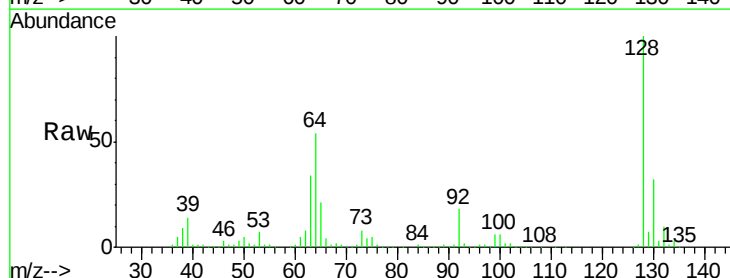
Tgt Ion: 128 Resp: 536993

Ion Ratio Lower Upper

128 100

130 32.1 11.6 51.6

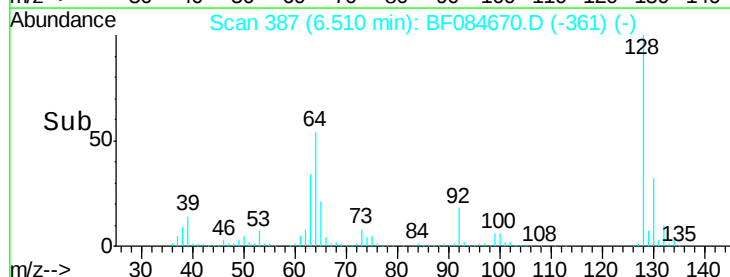
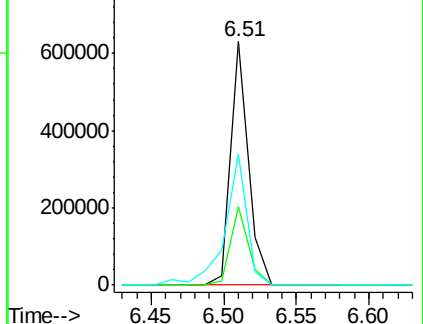
64 53.7 23.8 63.8

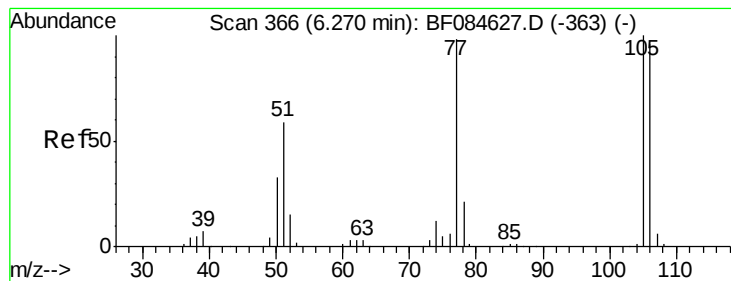


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.62 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

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ClientSampleId :

SUP-B013(20-23)MSD

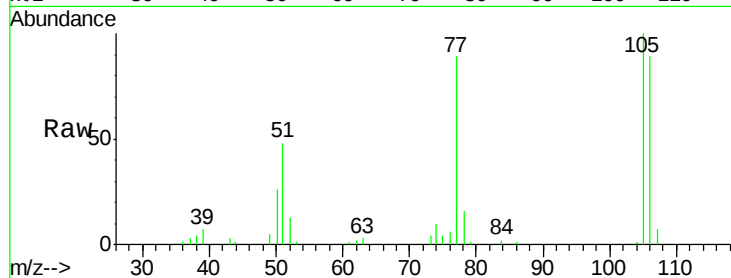
Tgt Ion: 77 Resp: 28576

Ion Ratio Lower Upper

77 100

105 113.0 83.0 123.0

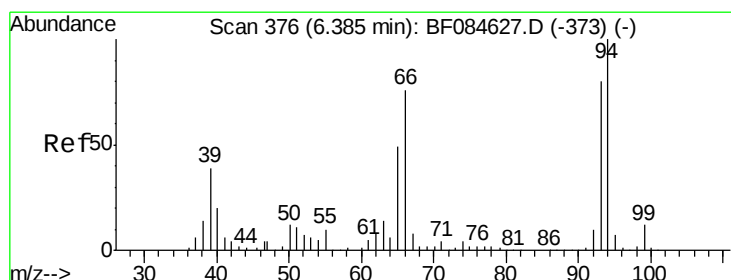
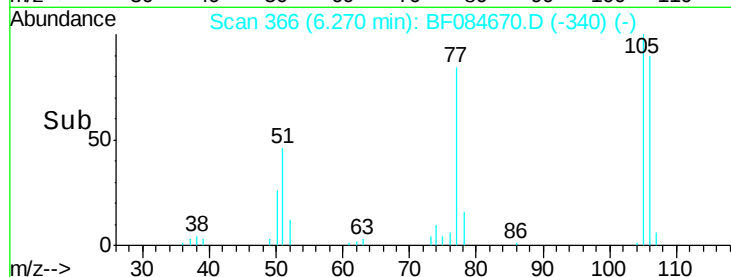
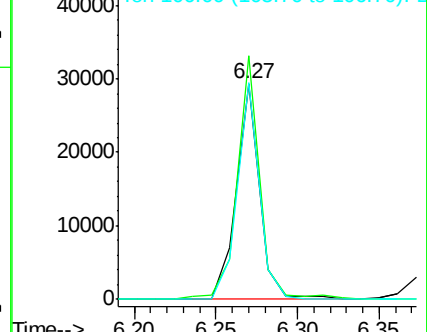
106 100.8 74.6 114.6



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: 40.98 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

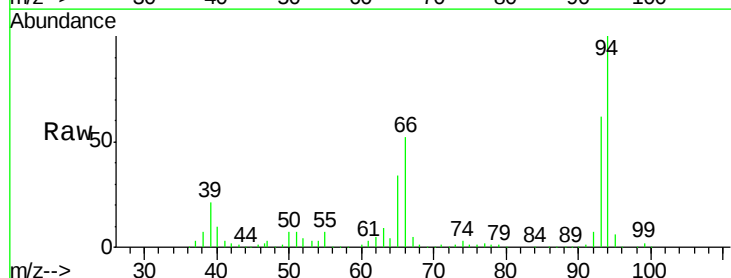
Tgt Ion: 94 Resp: 622528

Ion Ratio Lower Upper

94 100

65 34.2 12.9 52.9

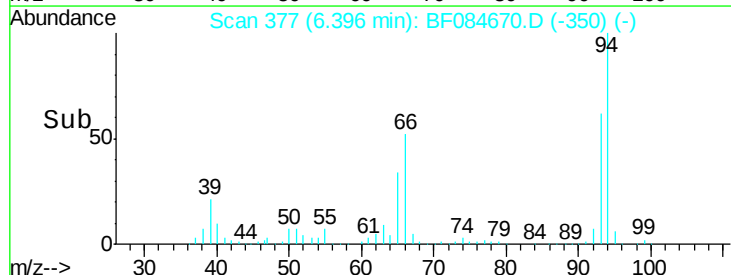
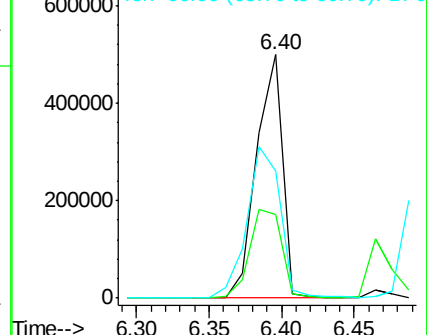
66 52.3 32.7 72.7

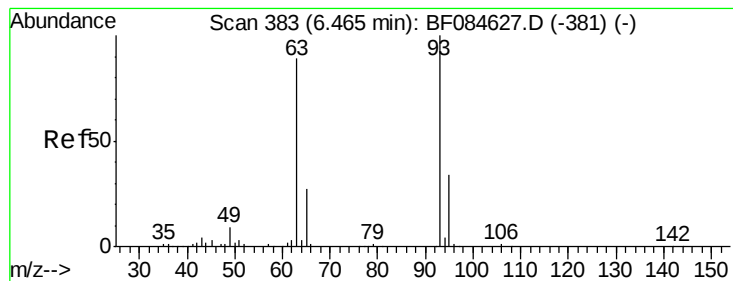


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.54 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MSD

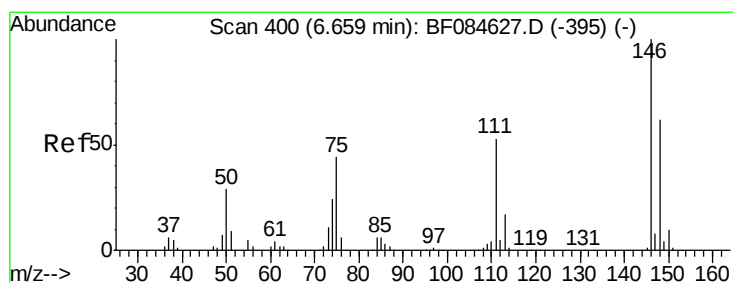
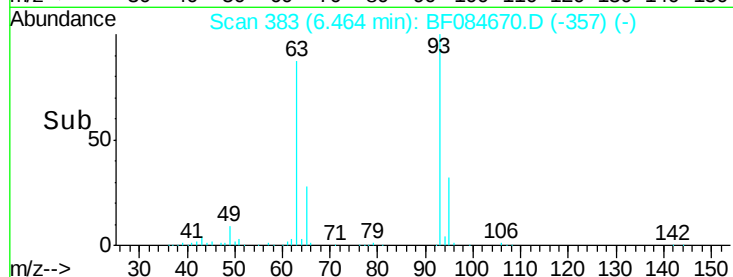
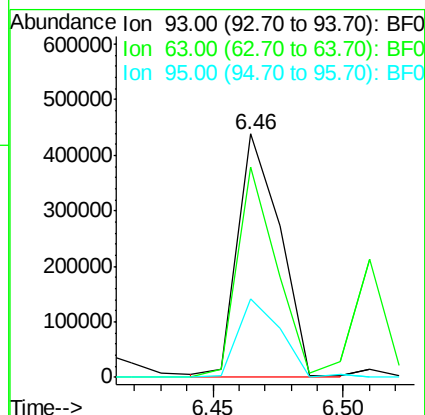
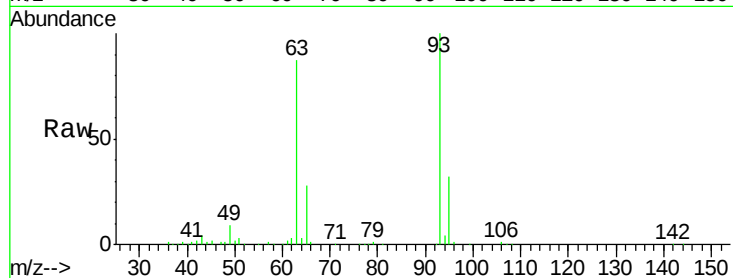
Tgt Ion: 93 Resp: 502646

Ion Ratio Lower Upper

93 100

63 86.6 45.9 85.9#

95 32.4 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 39.36 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.24 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

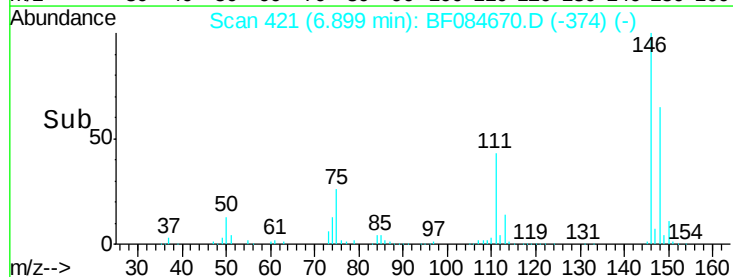
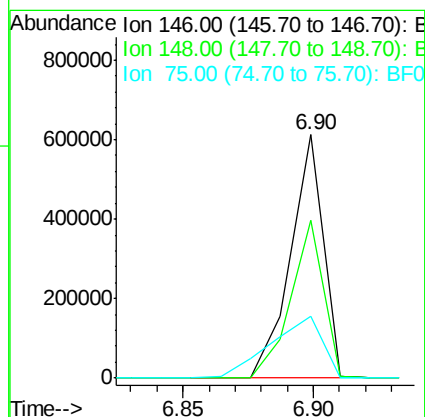
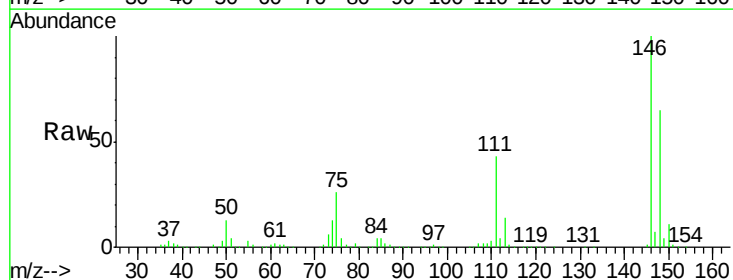
Tgt Ion: 146 Resp: 531950

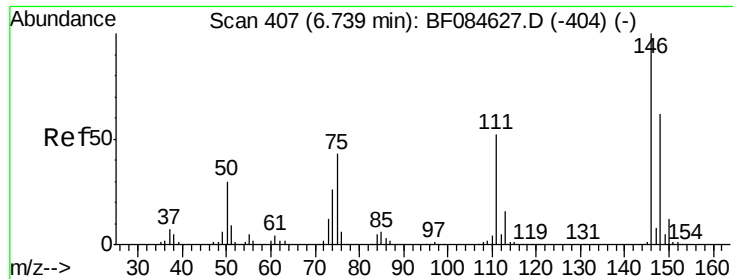
Ion Ratio Lower Upper

146 100

148 64.8 51.9 77.9

75 25.7 20.5 30.7

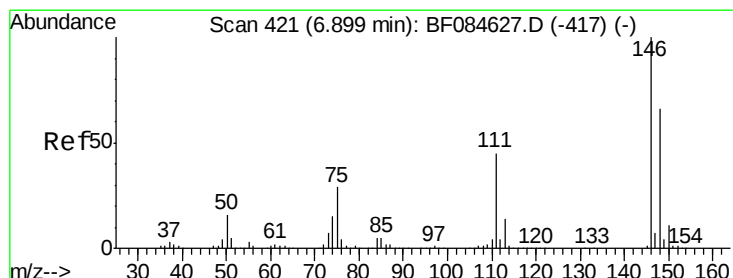
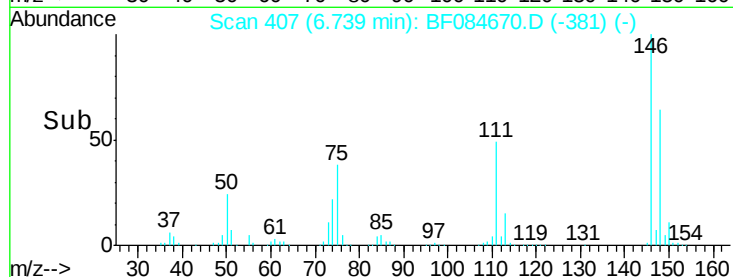
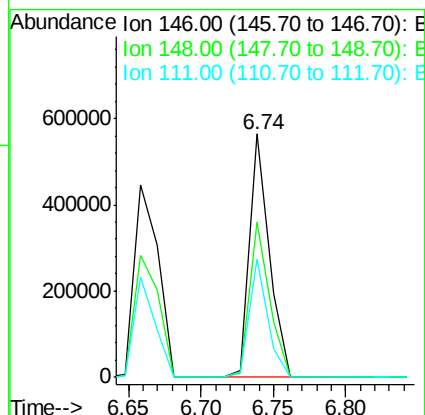
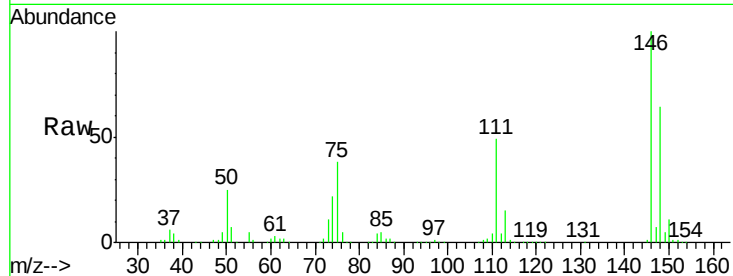




#13
 1,4-Dichlorobenzene
 Concen: 40.17 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.00 min
 Lab File: BF084670.D
 Acq: 30 Jan 2016 7:55

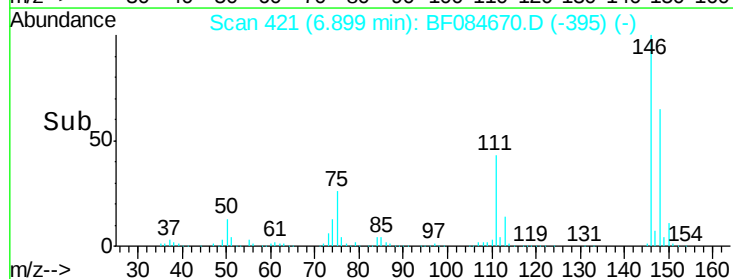
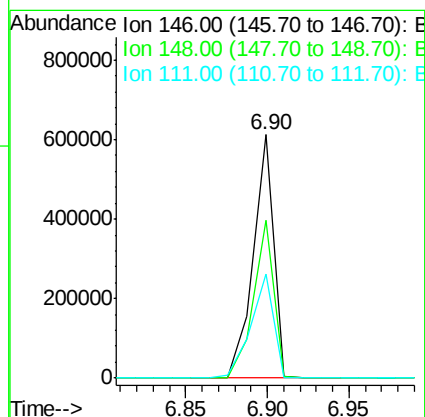
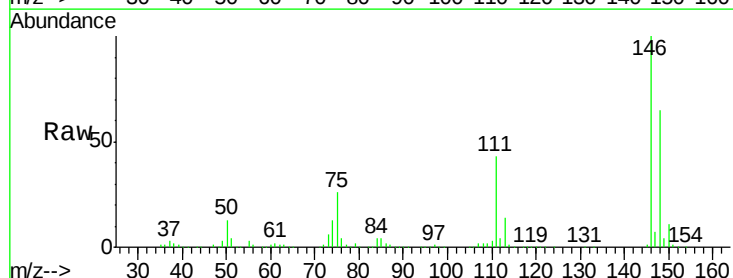
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(20-23)MSD

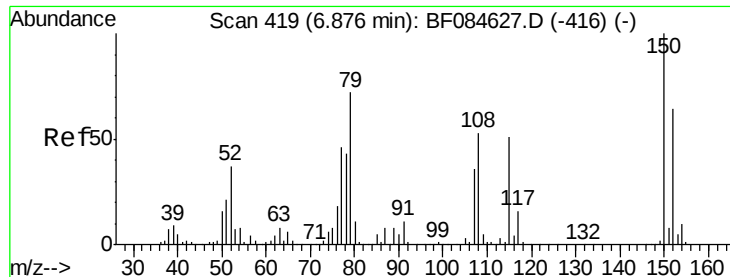
Tgt Ion:146 Resp: 532793
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.9 77.9
 111 48.7 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 43.58 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BF084670.D
 Acq: 30 Jan 2016 7:55

Tgt Ion:146 Resp: 532297
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.6 77.4
 111 42.7 38.0 57.0

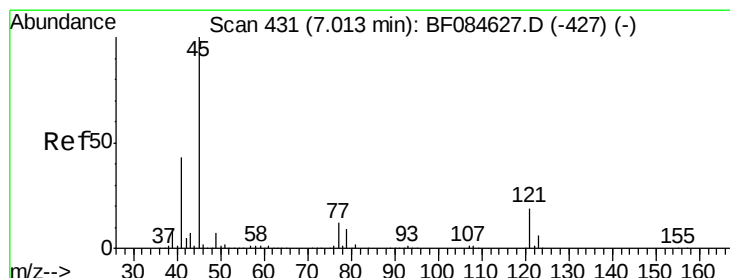
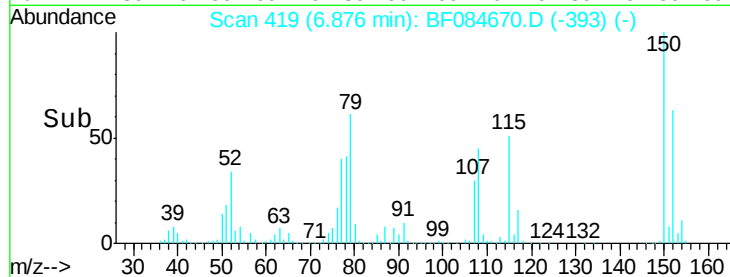
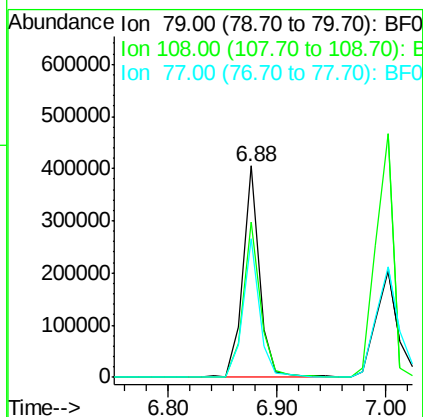
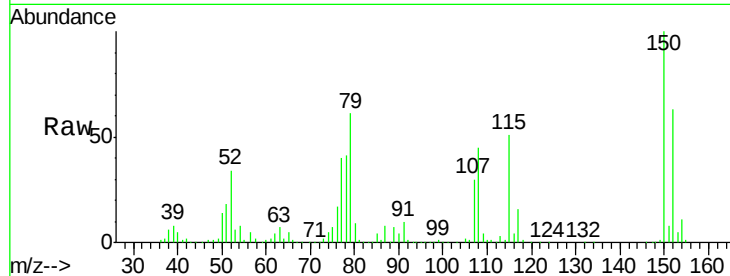




#15
Benzyl Alcohol
Concen: 46.26 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF084670.D
Acq: 30 Jan 2016 7:55

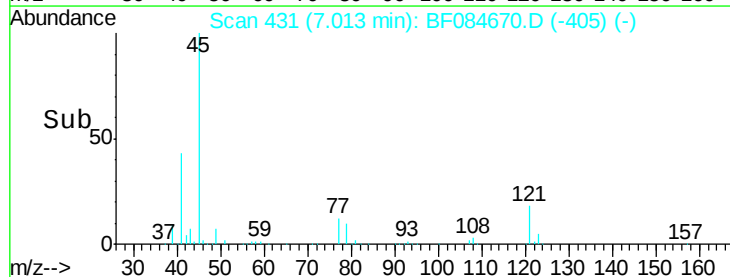
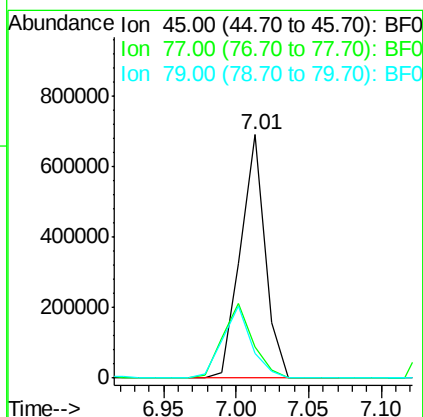
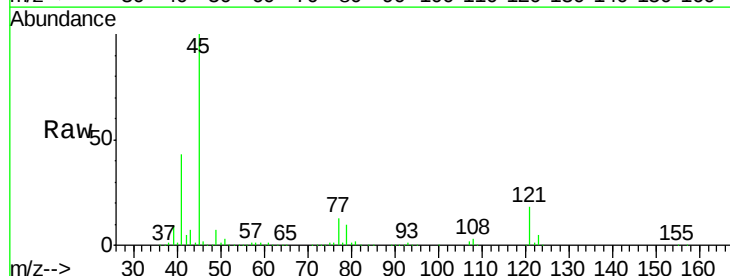
Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)MSD

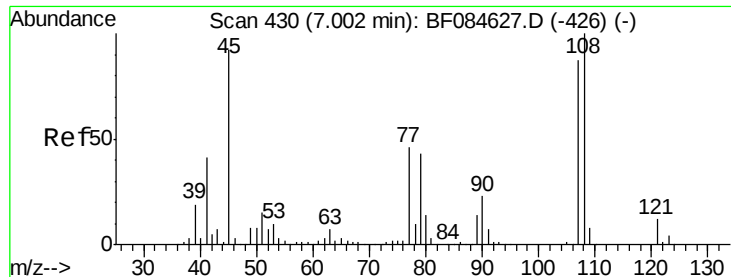
Tgt Ion: 79 Resp: 429186
Ion Ratio Lower Upper
79 100
108 73.4 69.0 103.4
77 65.5 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.26 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF084670.D
Acq: 30 Jan 2016 7:55

Tgt Ion: 45 Resp: 814162
Ion Ratio Lower Upper
45 100
77 12.8 0.0 39.6
79 10.1 0.0 35.0

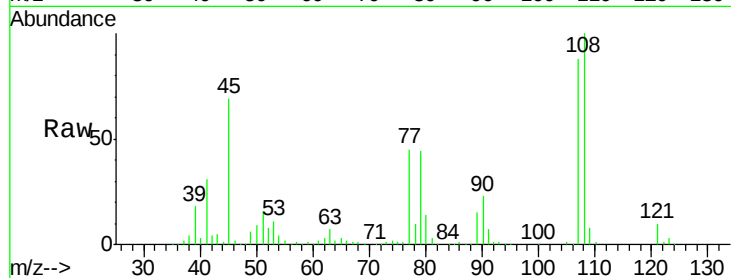




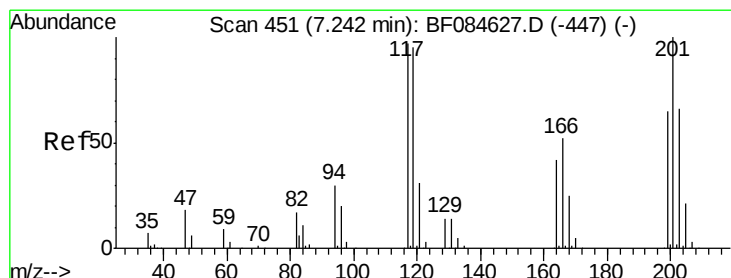
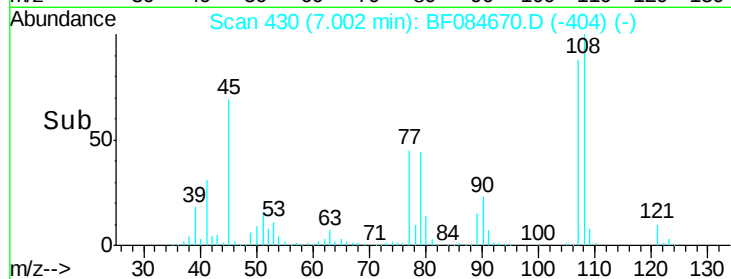
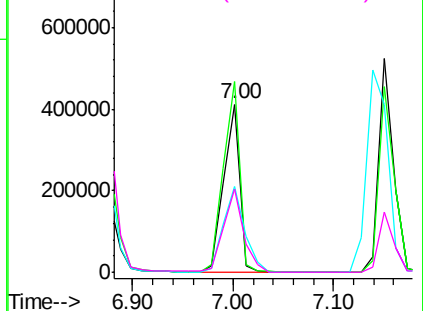
#17
 2-Methylphenol
 Concen: 46.74 ng
 RT: 7.00 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: BF084670.D
 Acq: 30 Jan 2016 7:55

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(20-23)MSD

Tgt Ion:107 Resp: 457044
 Ion Ratio Lower Upper
 107 100
 108 113.1 89.8 134.6
 77 51.1 35.7 53.5
 79 49.6 35.7 53.5

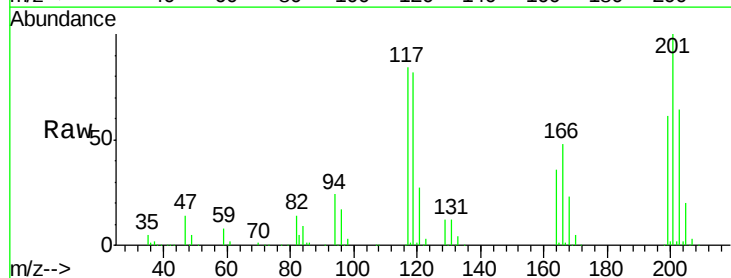


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

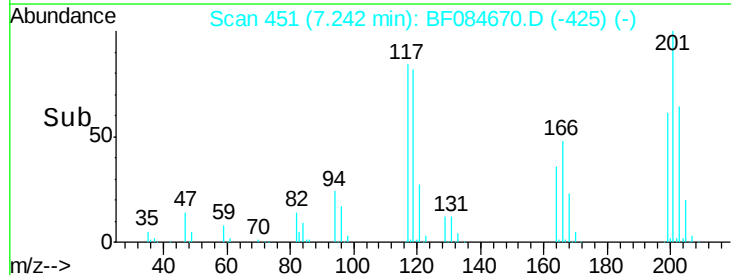
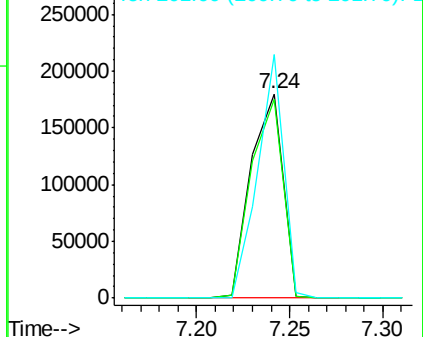


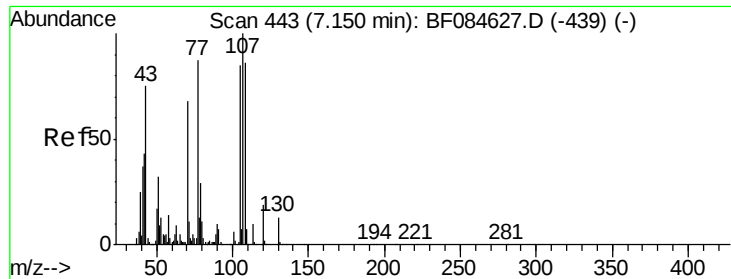
#18
 Hexachloroethane
 Concen: 41.09 ng
 RT: 7.24 min Scan# 451
 Delta R.T. -0.00 min
 Lab File: BF084670.D
 Acq: 30 Jan 2016 7:55

Tgt Ion:117 Resp: 213212
 Ion Ratio Lower Upper
 117 100
 119 97.4 77.4 116.0
 201 119.0 68.6 103.0#



Abundance Ion 117.00 (116.70 to 117.70): E
 Ion 119.00 (118.70 to 119.70): E
 Ion 201.00 (200.70 to 201.70): E

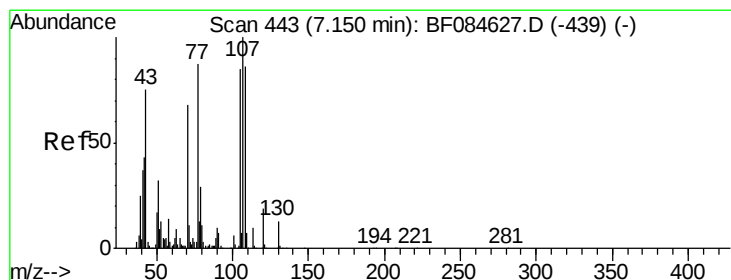
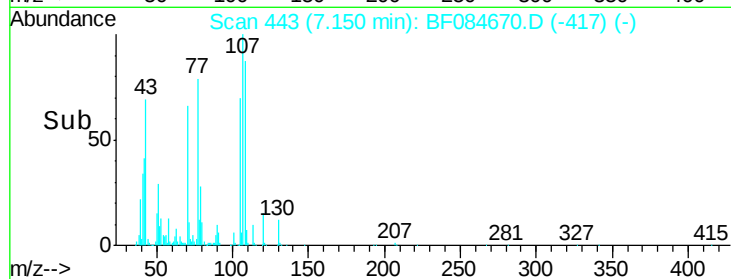
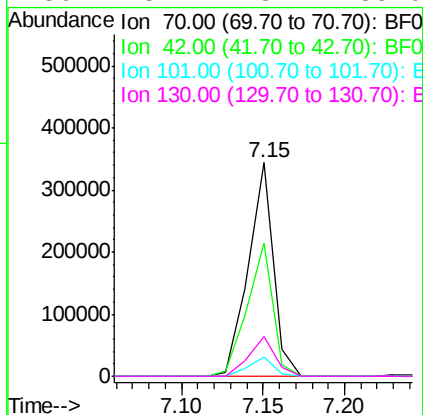
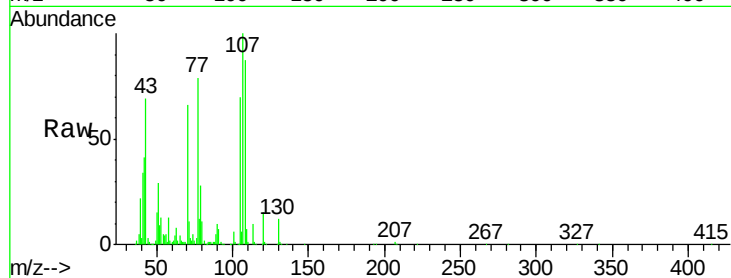




#19
n-Nitroso-di-n-propylamine
Concen: 44.07 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084670.D
Acq: 30 Jan 2016 7:55

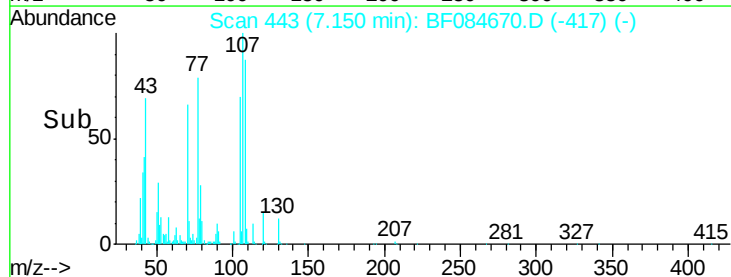
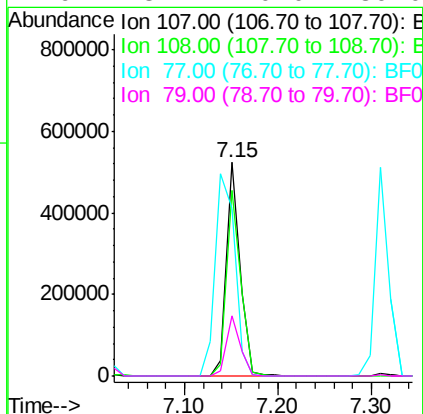
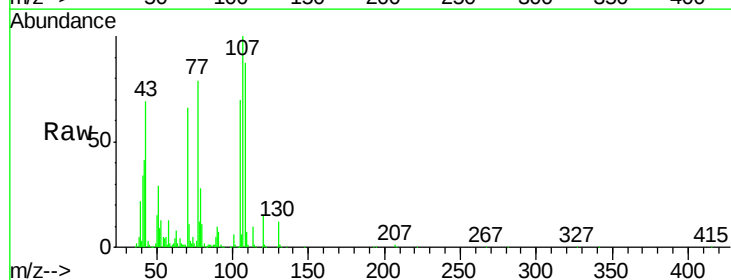
Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)MSD

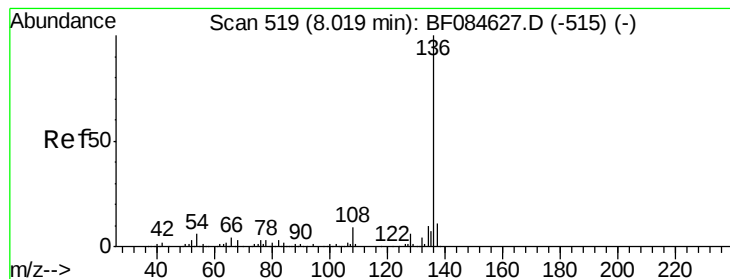
Tgt Ion: 70 Resp: 366877
Ion Ratio Lower Upper
70 100
42 62.2 33.3 49.9#
101 9.1 9.3 13.9#
130 18.4 23.4 35.0#



#20
3+4-Methylphenols
Concen: 45.02 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084670.D
Acq: 30 Jan 2016 7:55

Tgt Ion: 107 Resp: 534289
Ion Ratio Lower Upper
107 100
108 86.8 74.6 114.6
77 78.5 0.7 40.7#
79 28.2 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: BF084670.D

Acq: 30 Jan 2016 7:55

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MSD

Tgt Ion:136 Resp: 680780

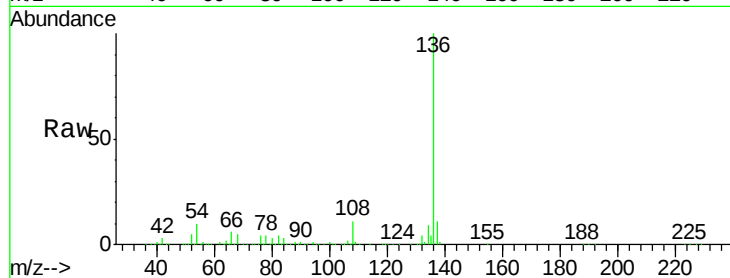
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 10.4 5.8 8.8#

68 5.2 4.2 6.2

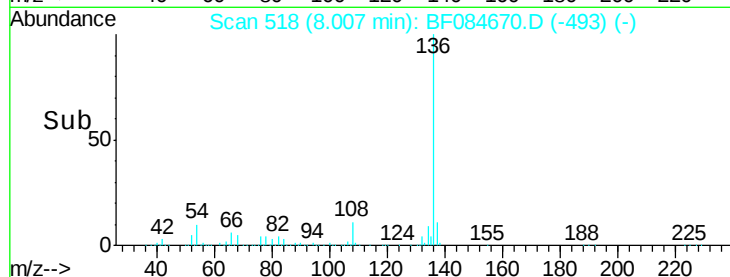


Abundance Ion 136.00 (135.70 to 136.70): E

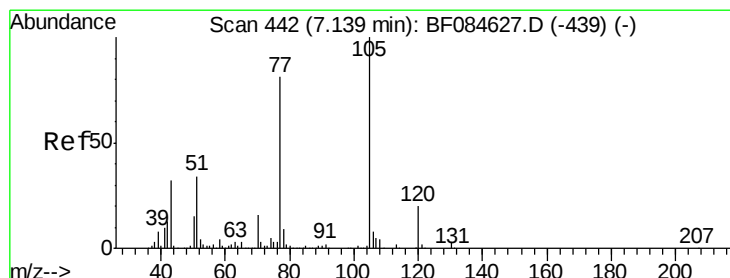
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 42.38 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

Tgt Ion:105 Resp: 753582

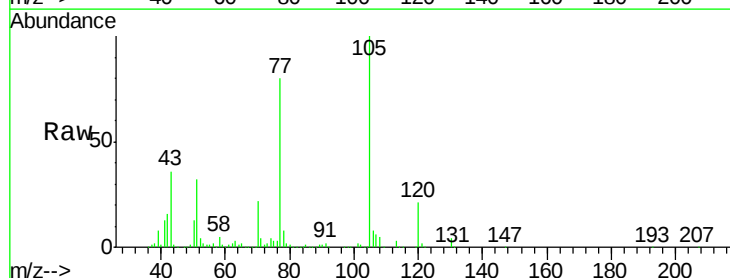
Ion Ratio Lower Upper

105 100

71 3.8 3.7 5.5

51 31.8 25.1 37.7

120 20.7 16.6 25.0

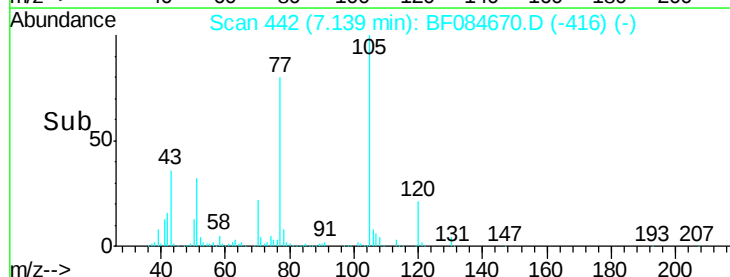


Abundance Ion 105.00 (104.70 to 105.70): E

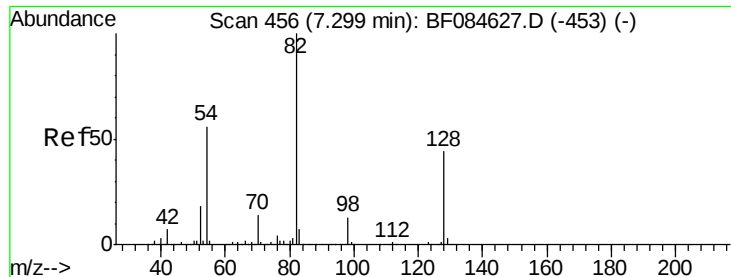
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



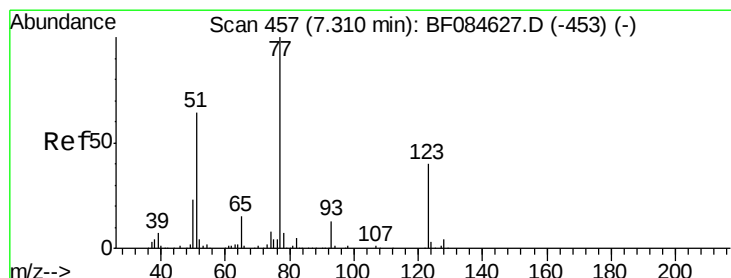
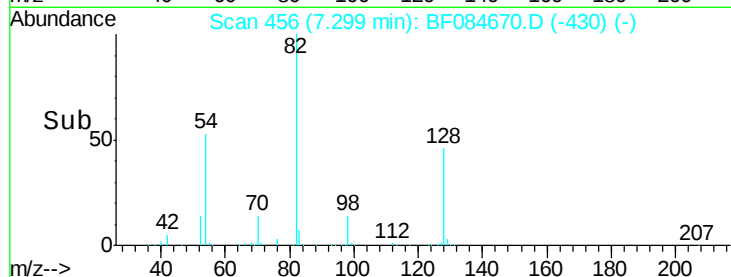
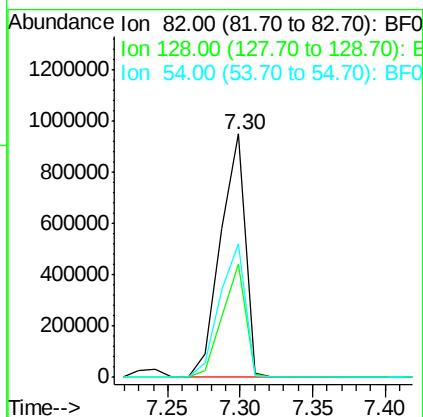
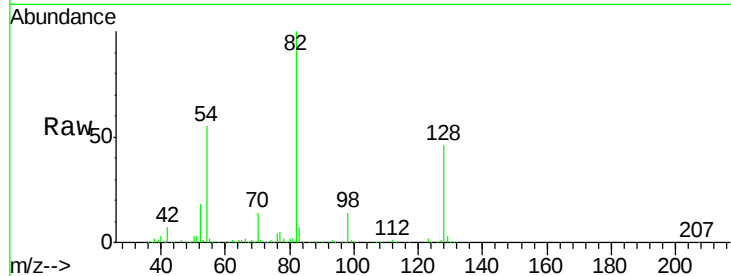
Time-->



#23
 Nitrobenzene-d5
 Concen: 92.40 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF084670.D
 Acq: 30 Jan 2016 7:55

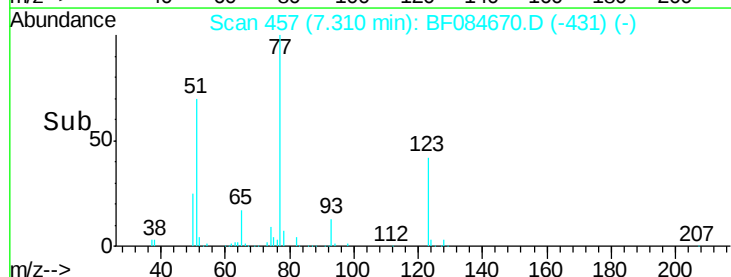
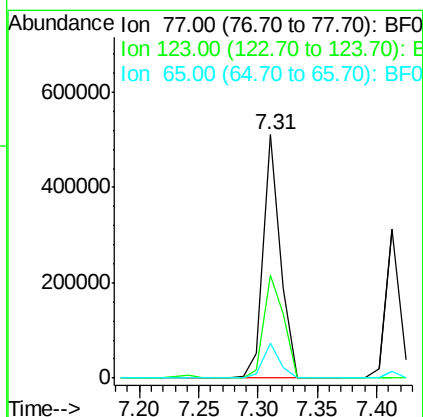
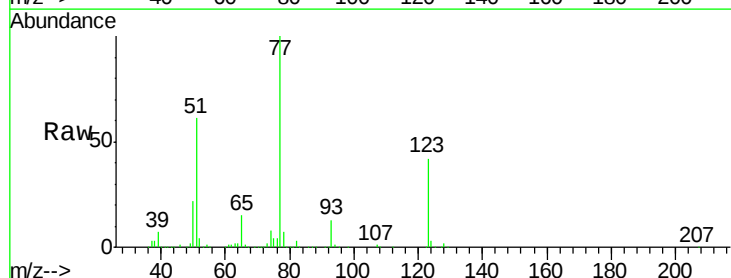
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(20-23)MSD

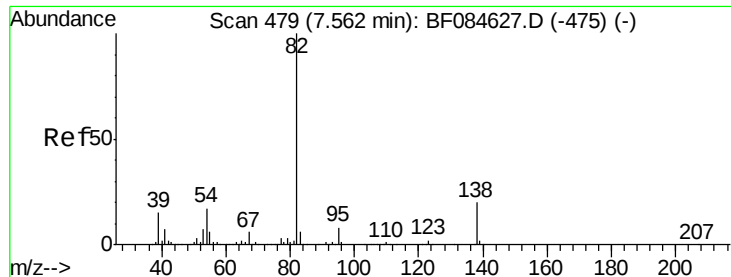
Tgt Ion: 82 Resp: 1125538
 Ion Ratio Lower Upper
 82 100
 128 46.3 34.6 51.8
 54 54.9 38.4 57.6



#24
 Nitrobenzene
 Concen: 40.10 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: BF084670.D
 Acq: 30 Jan 2016 7:55

Tgt Ion: 77 Resp: 519179
 Ion Ratio Lower Upper
 77 100
 123 42.4 37.4 56.2
 65 14.6 10.9 16.3





#25

Isophorone

Concen: 45.36 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

Instrument :

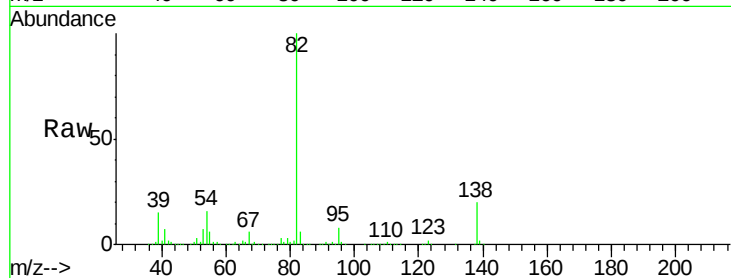
BNA_F

ClientSampleId :

SUP-B013(20-23)MSD

Tgt Ion: 82 Resp: 1035297

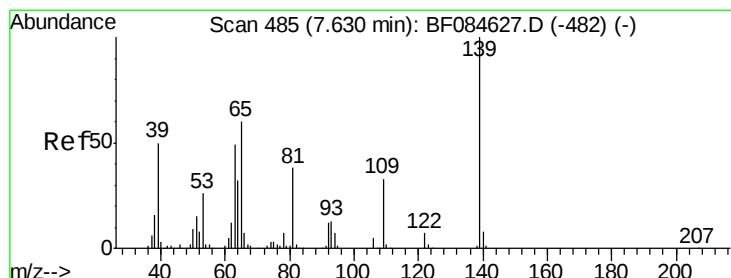
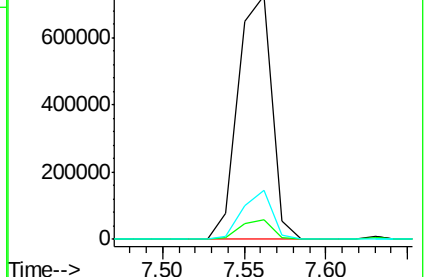
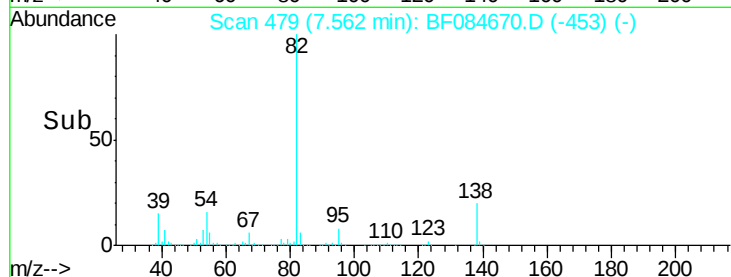
Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.6	10.0
138	19.9	13.6	20.4



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: 47.33 ng

RT: 7.63 min Scan# 485

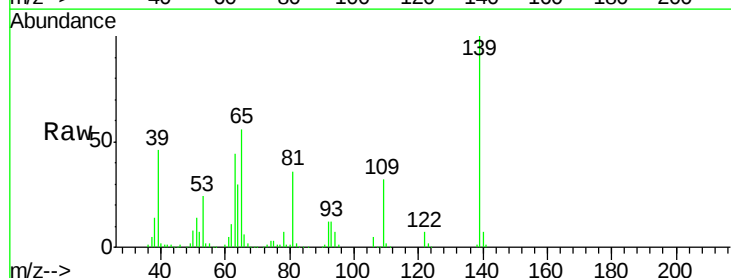
Delta R.T. -0.00 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

Tgt Ion: 139 Resp: 291442

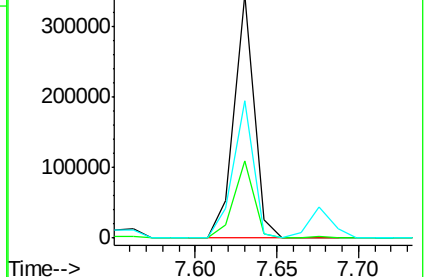
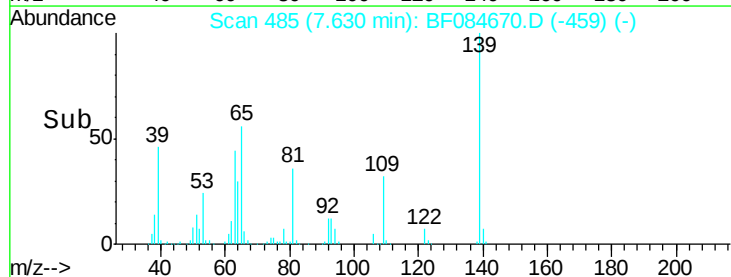
Ion	Ratio	Lower	Upper
139	100		
109	31.6	25.4	38.2
65	56.3	32.3	48.5

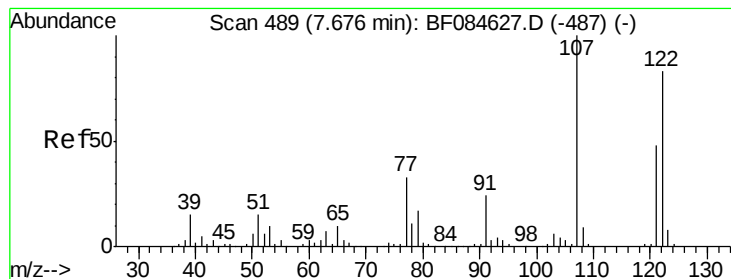


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 42.29 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MSD

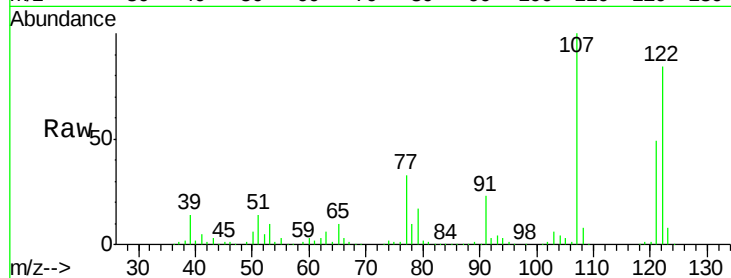
Tgt Ion: 122 Resp: 456238

Ion Ratio Lower Upper

122 100

107 119.0 99.1 148.7

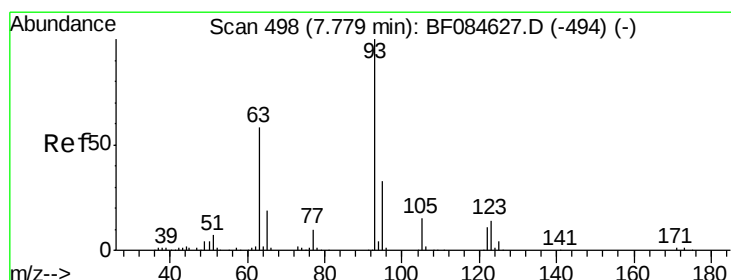
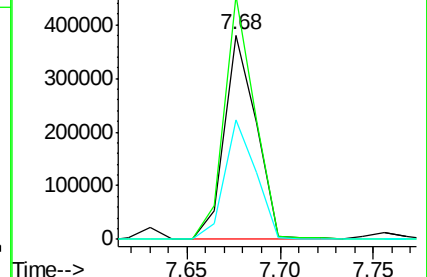
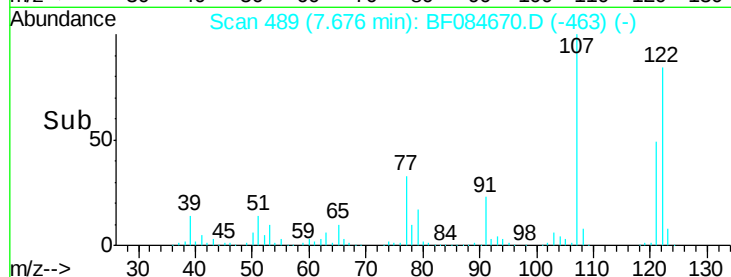
121 58.3 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.39 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

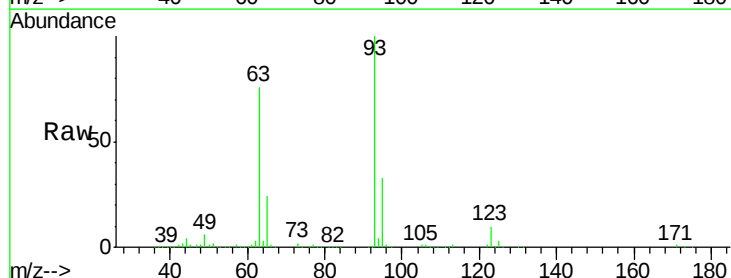
Tgt Ion: 93 Resp: 621723

Ion Ratio Lower Upper

93 100

95 33.3 25.8 38.6

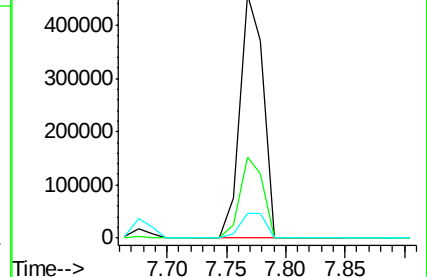
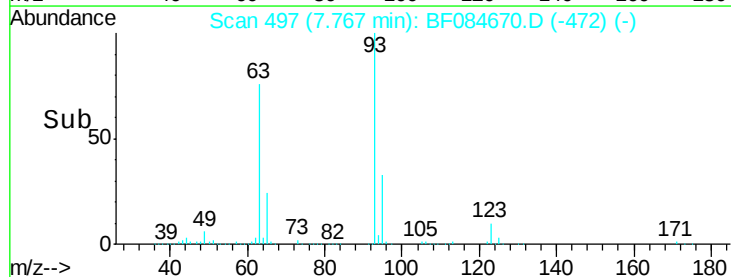
123 10.3 8.6 12.8

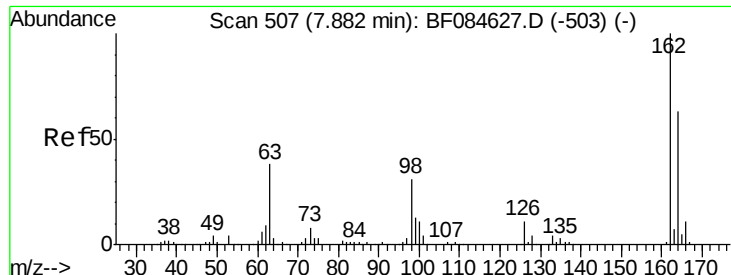


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

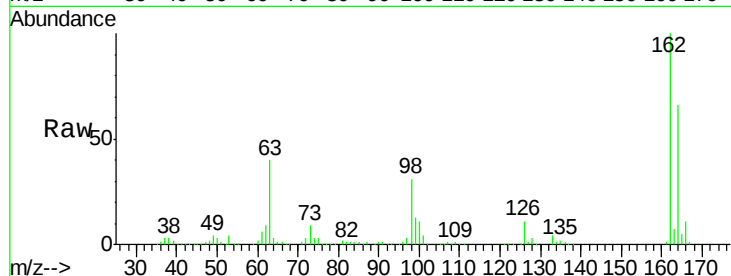




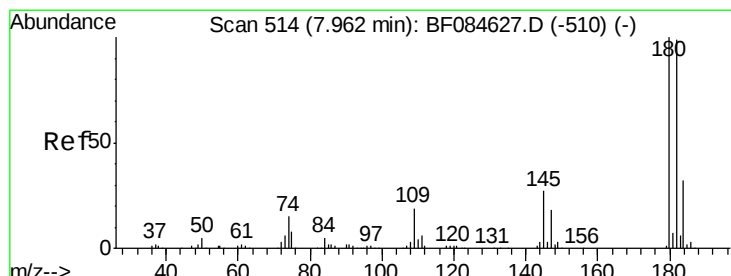
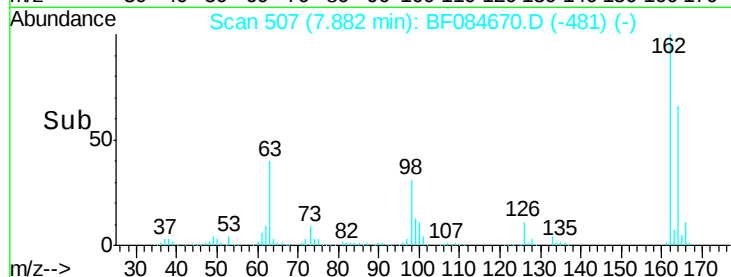
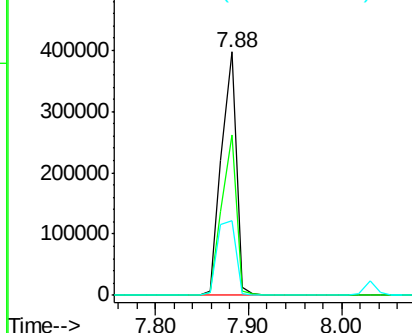
#29
 2,4-Dichlorophenol
 Concen: 46.80 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF084670.D
 Acq: 30 Jan 2016 7:55

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:162 Resp: 441606
 Ion Ratio Lower Upper
 162 100
 164 66.1 44.1 84.1
 98 30.9 20.2 60.2

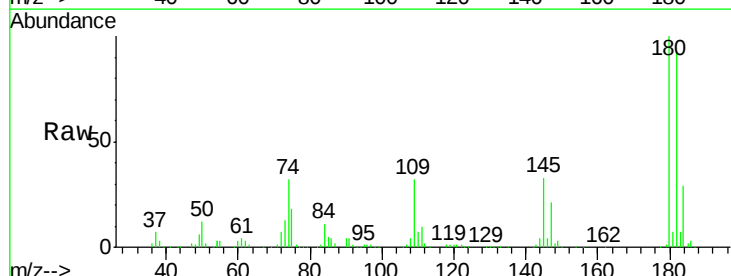


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

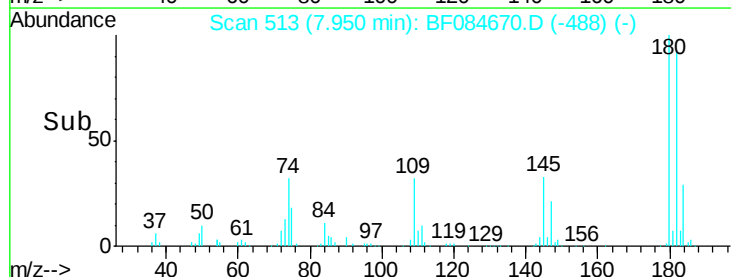
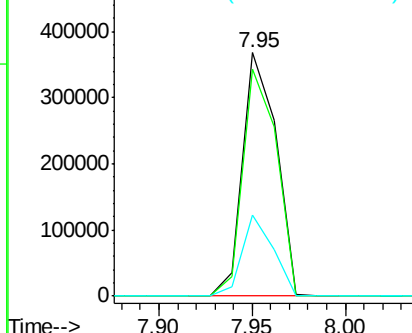


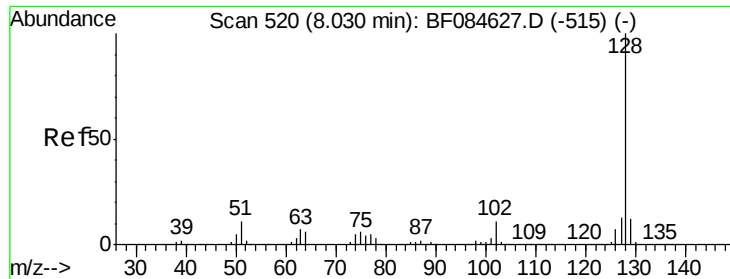
#30
 1,2,4-Trichlorobenzene
 Concen: 42.69 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF084670.D
 Acq: 30 Jan 2016 7:55

Tgt Ion:180 Resp: 460747
 Ion Ratio Lower Upper
 180 100
 182 93.5 76.4 114.6
 145 33.4 31.6 47.4



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

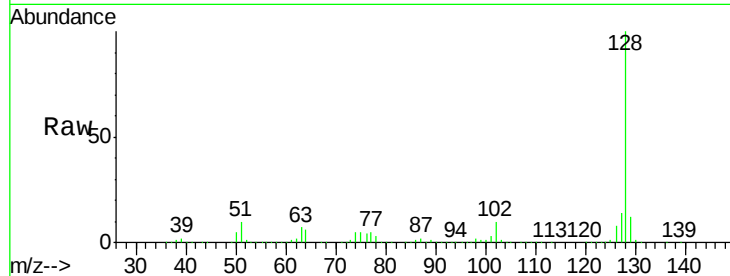




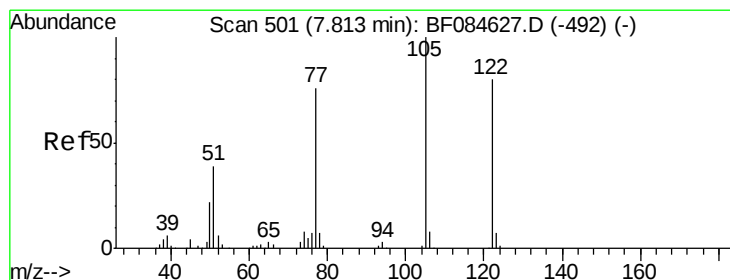
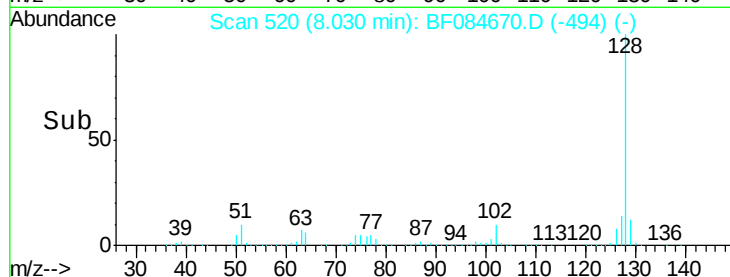
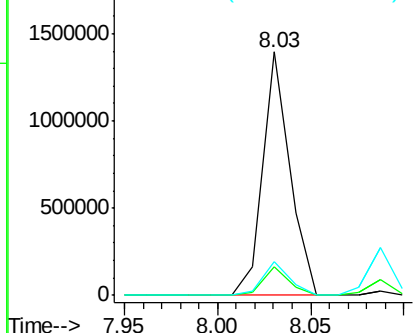
#31
Naphthalene
Concen: 40.74 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF084670.D
Acq: 30 Jan 2016 7:55

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:128 Resp: 1399928
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 13.7 11.1 16.7

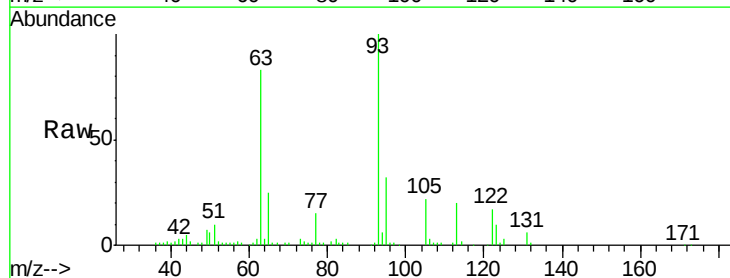


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

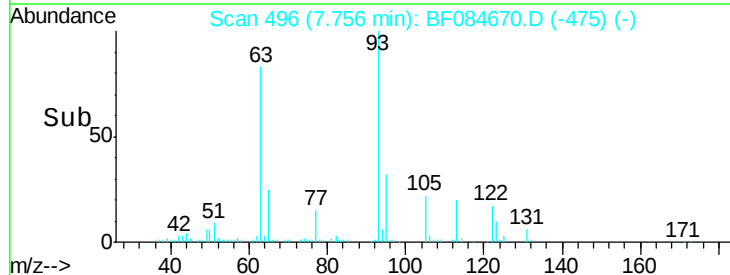
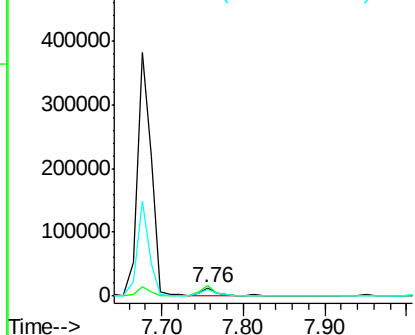


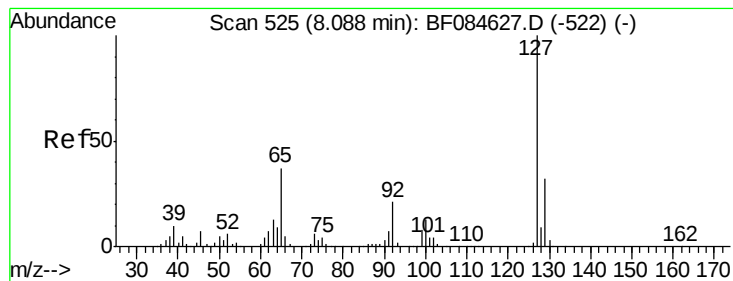
#32
Benzoic acid
Concen: 2.78 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.06 min
Lab File: BF084670.D
Acq: 30 Jan 2016 7:55

Tgt Ion:122 Resp: 22999
Ion Ratio Lower Upper
122 100
105 127.6 100.3 140.3
77 89.6 63.5 103.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 18.70 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:127 Resp: 261393

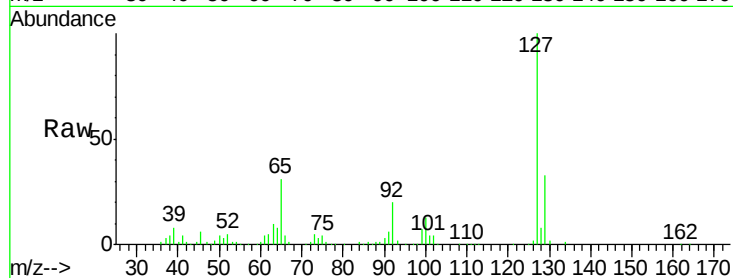
Ion Ratio Lower Upper

127 100

129 32.6 26.5 39.7

65 30.9 27.2 40.8

92 19.9 17.7 26.5

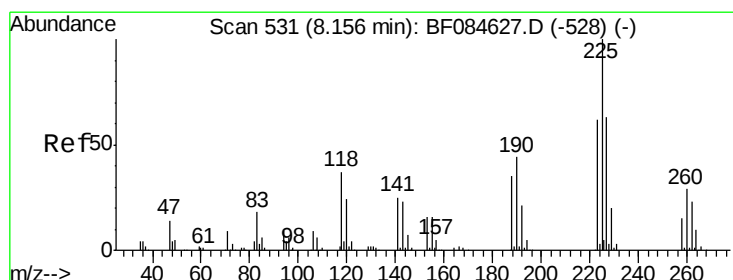
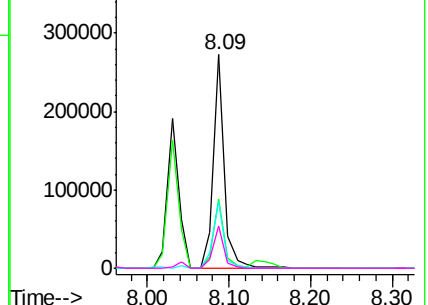
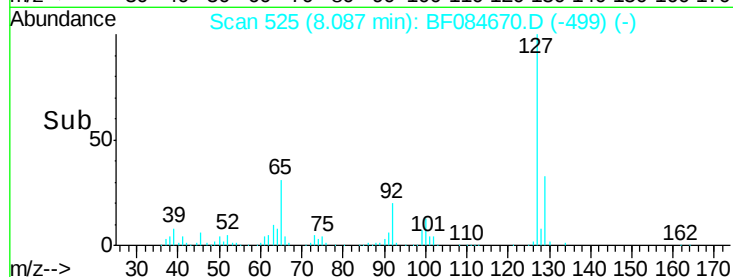


Abundance Ion 127.00 (126.70 to 127.70): E

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: 42.44 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

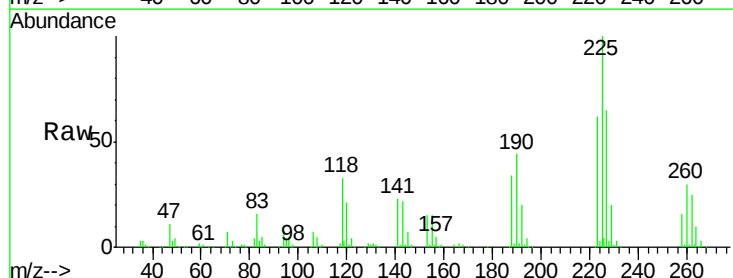
Tgt Ion:225 Resp: 270669

Ion Ratio Lower Upper

225 100

223 61.8 49.4 74.0

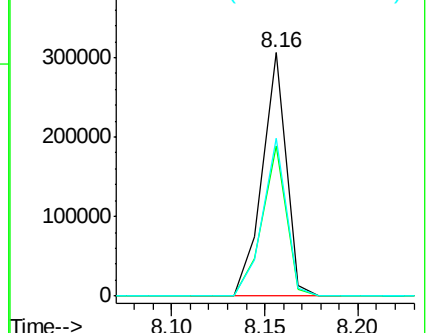
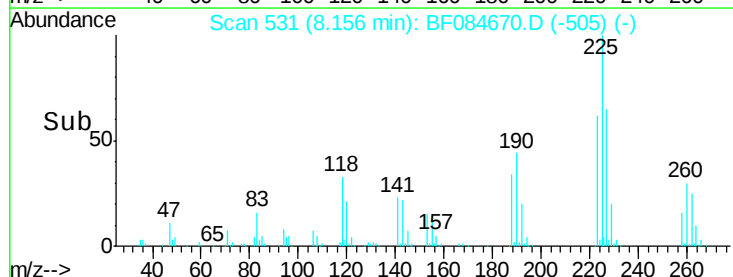
227 64.7 50.8 76.2

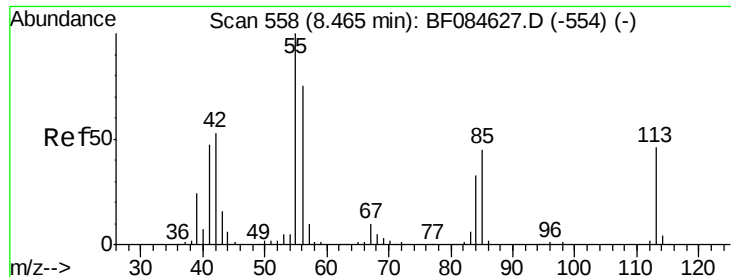


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

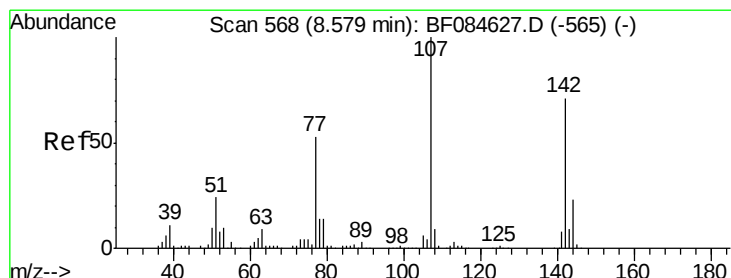
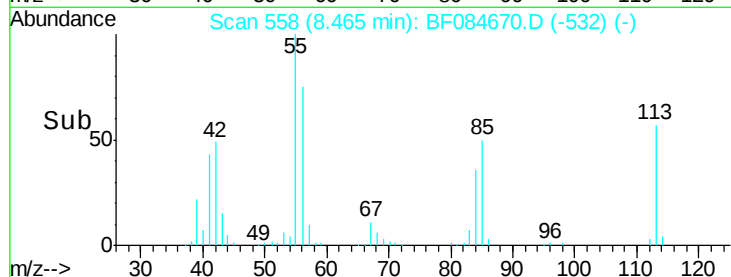
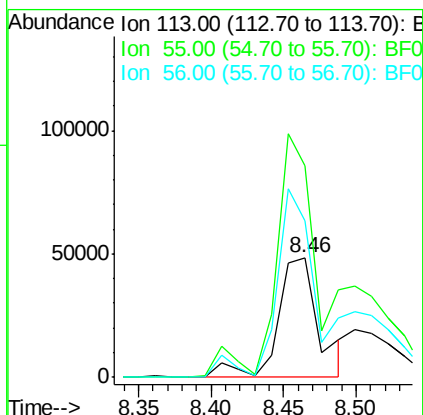
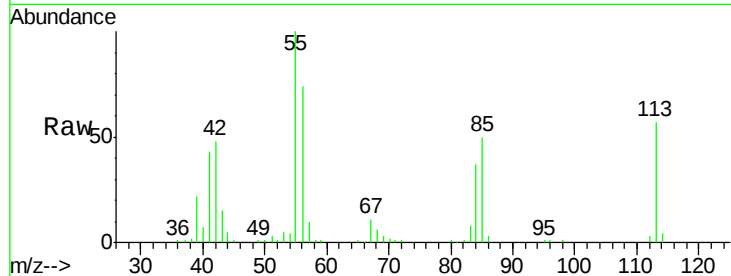




#35
 Caprolactam
 Concen: 35.35 ng
 RT: 8.46 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF084670.D
 Acq: 30 Jan 2016 7:55

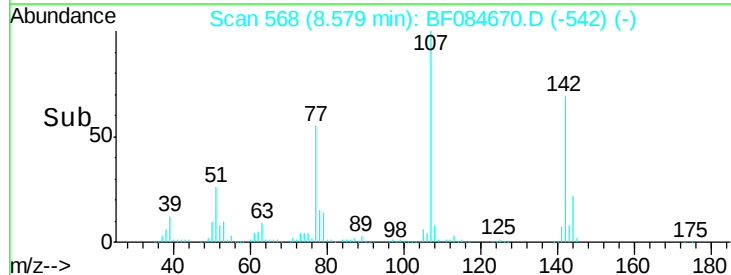
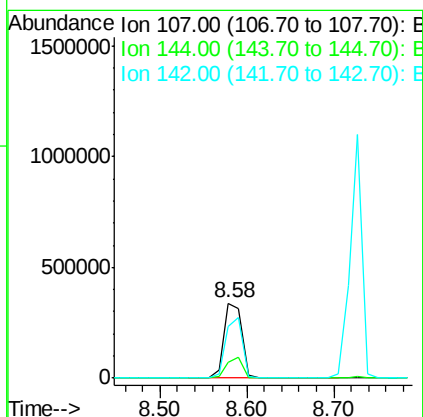
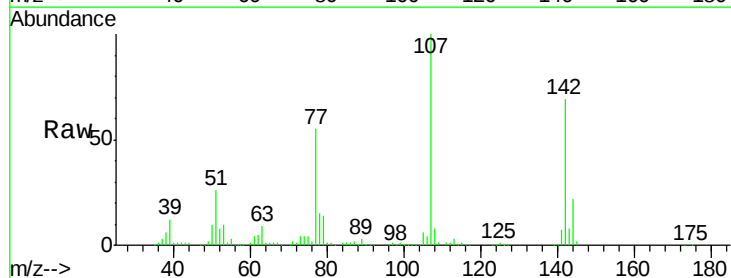
Instrument :
 BNA_F
 ClientSampleId :
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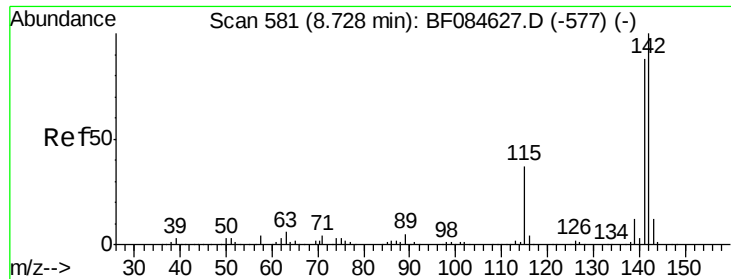
Tgt Ion:113 Resp: 95719
 Ion Ratio Lower Upper
 113 100
 55 176.9 116.9 156.9#
 56 131.3 93.8 133.8



#36
 4-Chloro-3-methylphenol
 Concen: 46.88 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: BF084670.D
 Acq: 30 Jan 2016 7:55

Tgt Ion:107 Resp: 487109
 Ion Ratio Lower Upper
 107 100
 144 21.7 19.7 29.5
 142 69.3 61.8 92.6

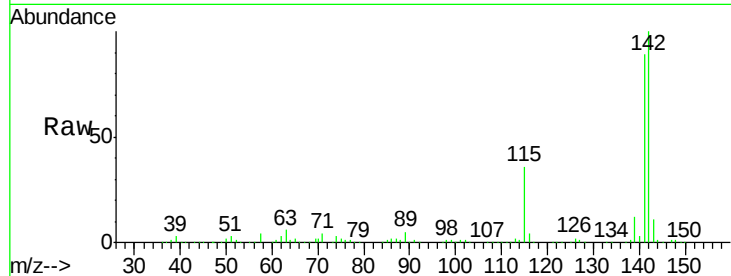




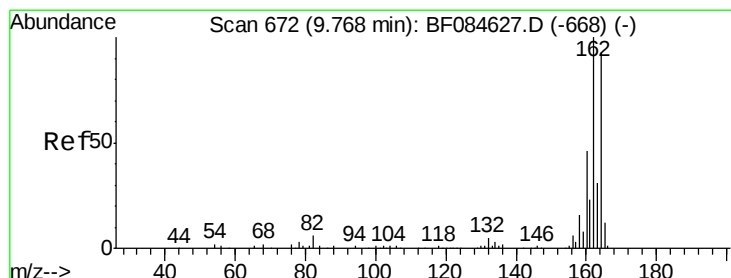
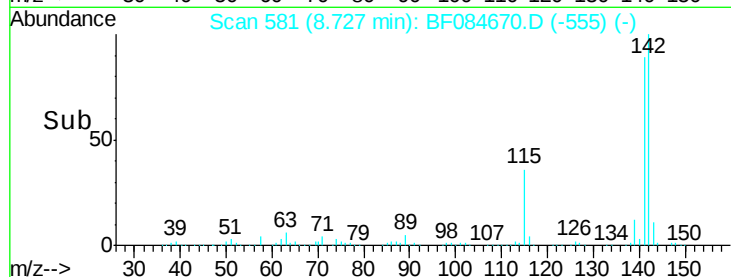
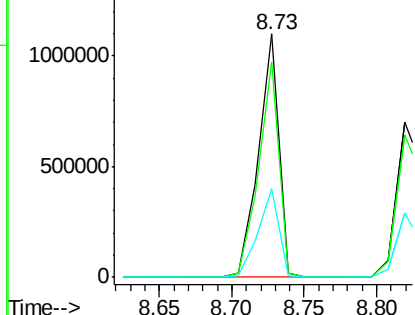
#37
 2-Methylnaphthalene
 Concen: 50.69 ng
 RT: 8.73 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: BF084670.D
 Acq: 30 Jan 2016 7:55

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(20-23)MSD

Tgt Ion:142 Resp: 1069382
 Ion Ratio Lower Upper
 142 100
 141 88.7 72.4 108.6
 115 36.2 27.9 41.9

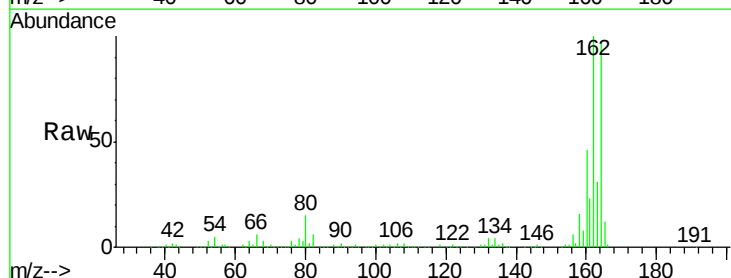


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

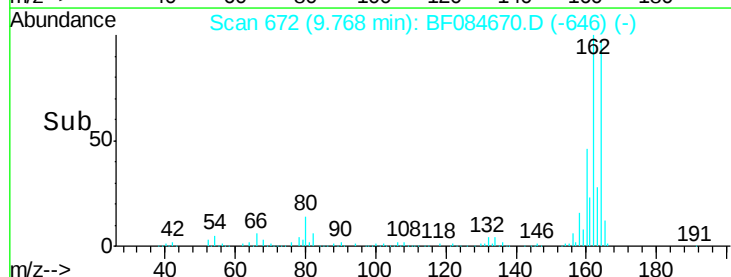
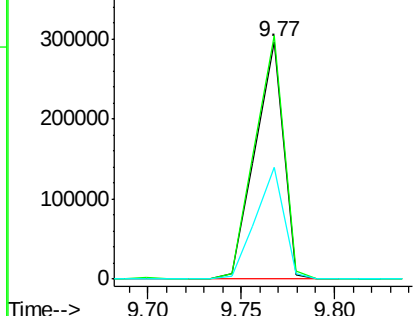


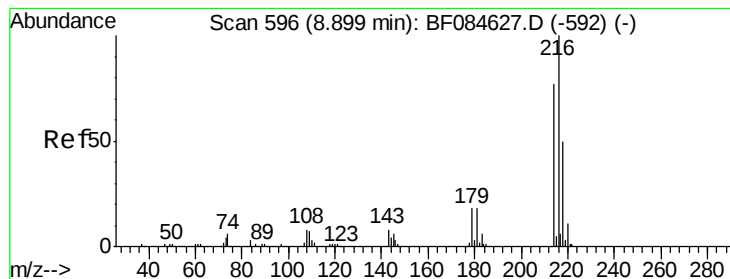
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF084670.D
 Acq: 30 Jan 2016 7:55

Tgt Ion:164 Resp: 311233
 Ion Ratio Lower Upper
 164 100
 162 102.6 85.1 127.7
 160 47.2 37.5 56.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.04 ng

RT: 8.89 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:216 Resp: 394025

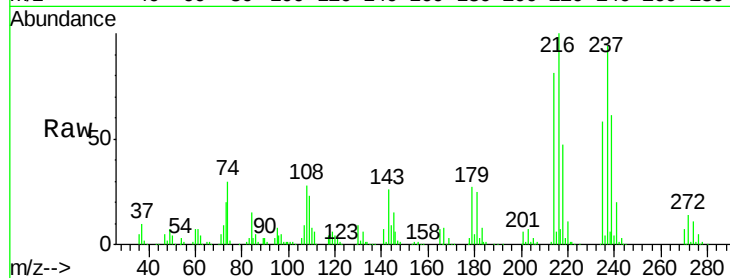
Ion Ratio Lower Upper

216 100

214 79.8 64.2 96.2

179 22.5 18.7 28.1

108 21.8 16.8 25.2

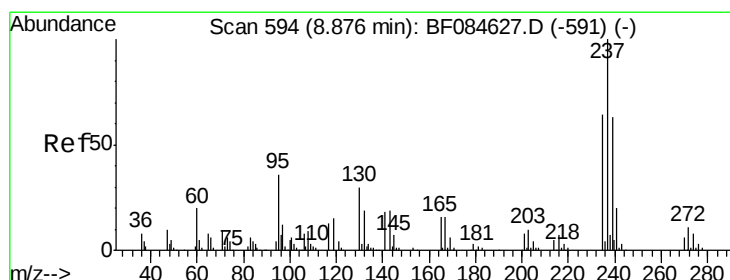
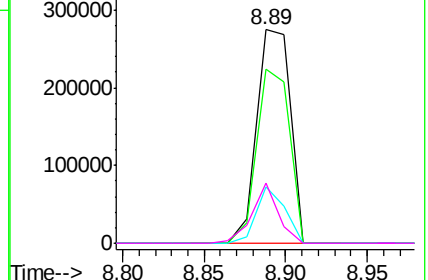
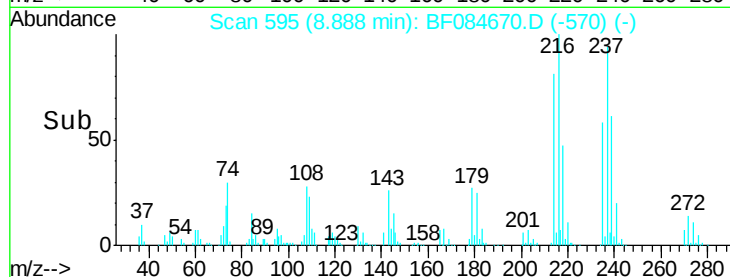


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 90.83 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

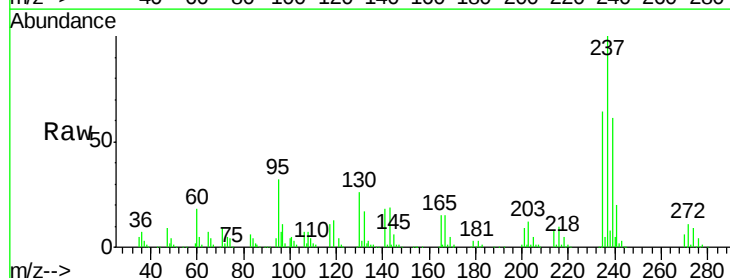
Tgt Ion:237 Resp: 416825

Ion Ratio Lower Upper

237 100

235 64.4 43.1 83.1

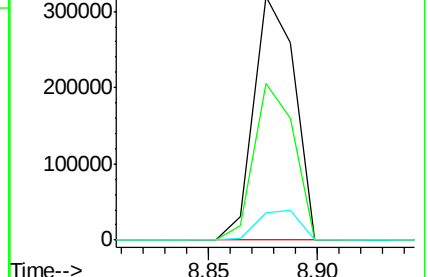
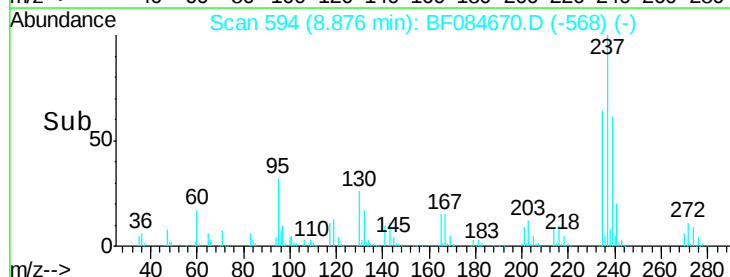
272 11.2 0.0 35.1

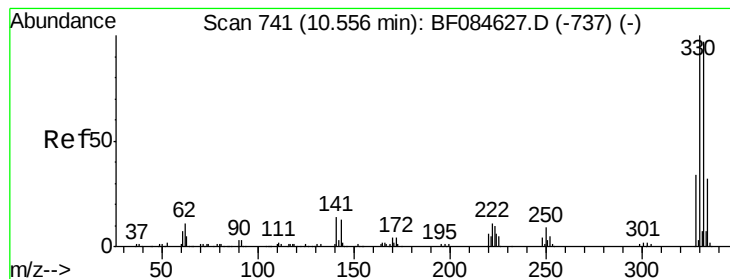


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

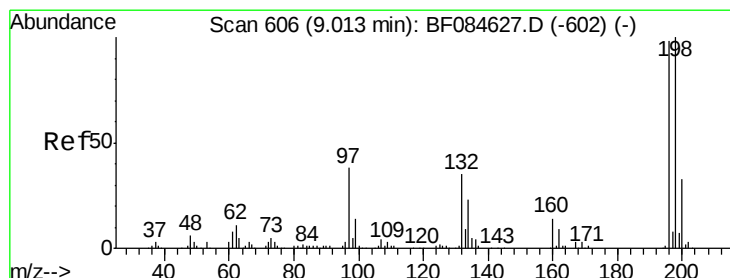
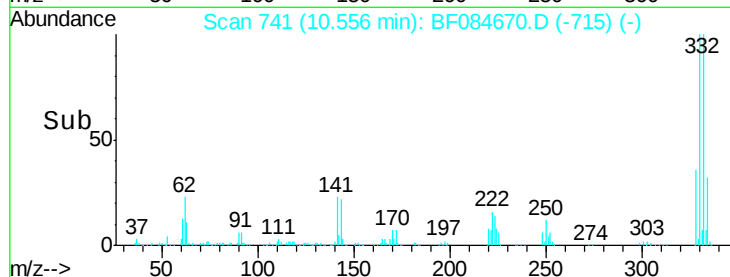
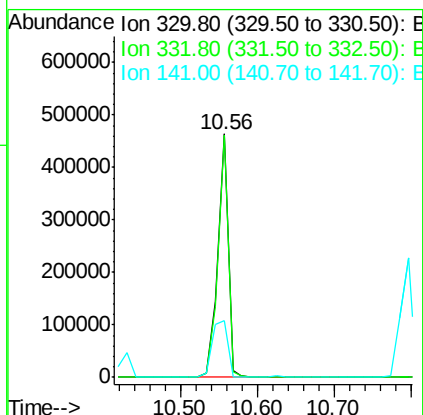
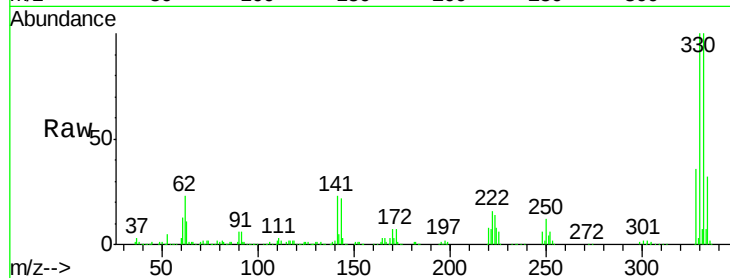




#41
 2,4,6-Tribromophenol
 Concen: 134.42 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF084670.D
 Acq: 30 Jan 2016 7:55

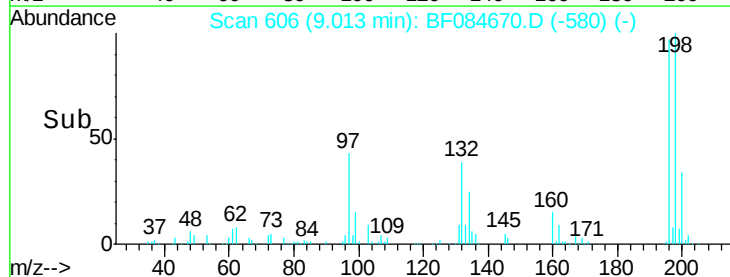
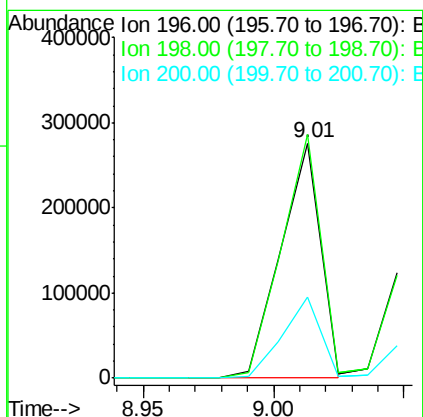
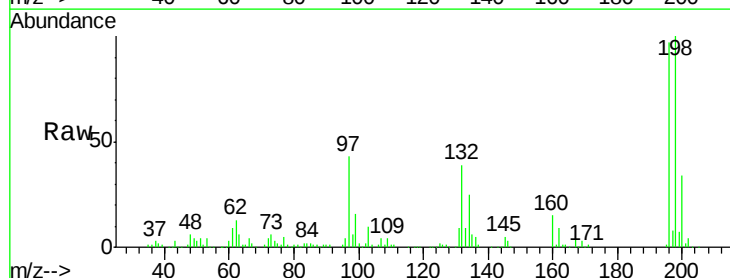
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(20-23)MSD

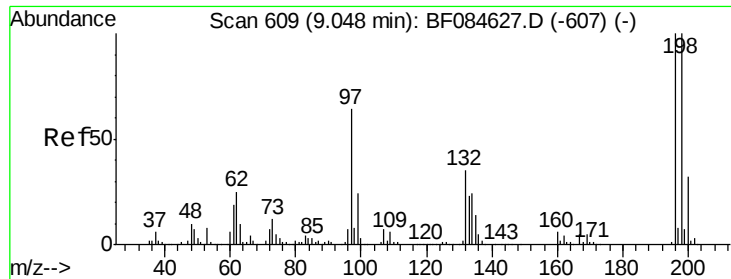
Tgt Ion:330 Resp: 438468
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.6 114.8
 141 35.0 27.8 41.6



#42
 2,4,6-Trichlorophenol
 Concen: 46.84 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF084670.D
 Acq: 30 Jan 2016 7:55

Tgt Ion:196 Resp: 293669
 Ion Ratio Lower Upper
 196 100
 198 103.5 77.7 116.5
 200 34.7 24.6 37.0

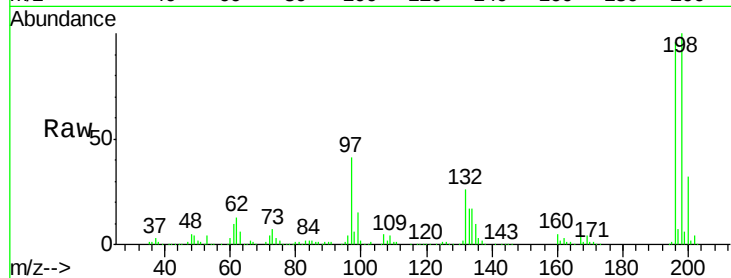




#43
 2,4,5-Trichlorophenol
 Concen: 49.01 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: BF084670.D
 Acq: 30 Jan 2016 7:55

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(20-23)MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	103.6	79.0	118.6
97	42.0	33.0	49.6
132	26.7	21.1	31.7



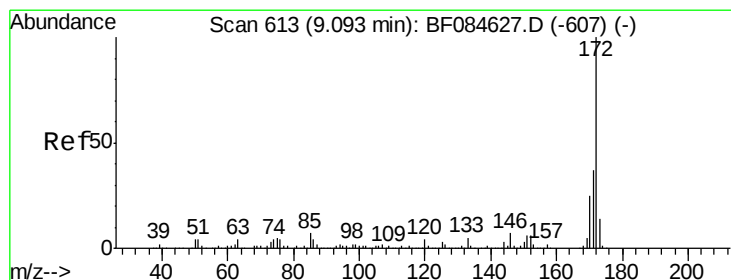
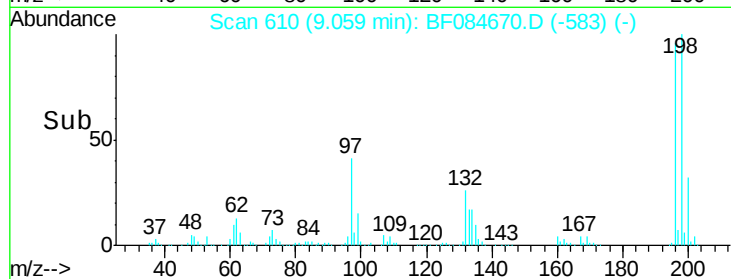
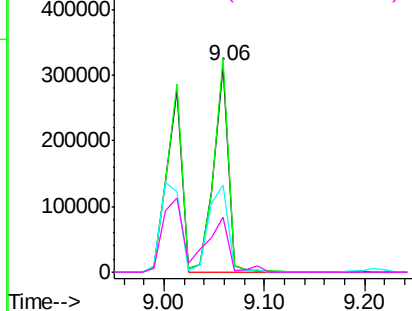
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

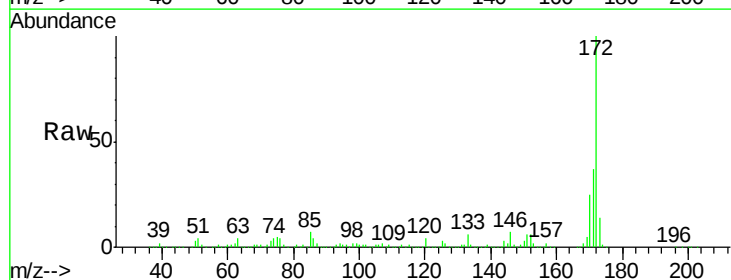
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.09 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084670.D
 Acq: 30 Jan 2016 7:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.9	43.3
170	25.2	18.6	27.8

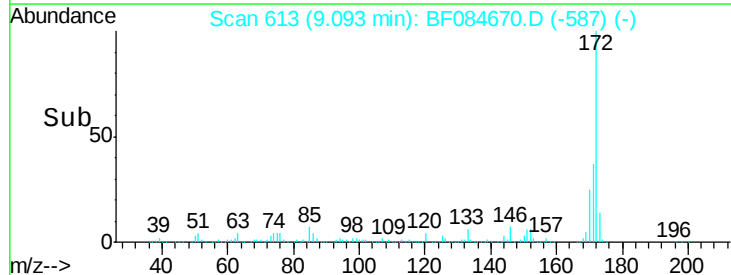
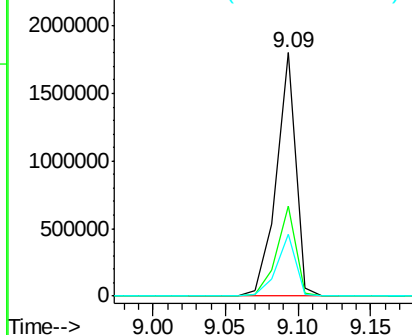


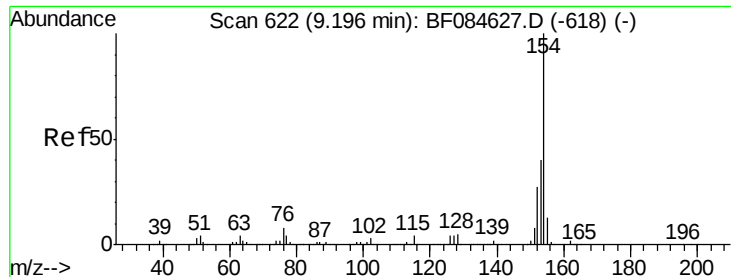
Abundance

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

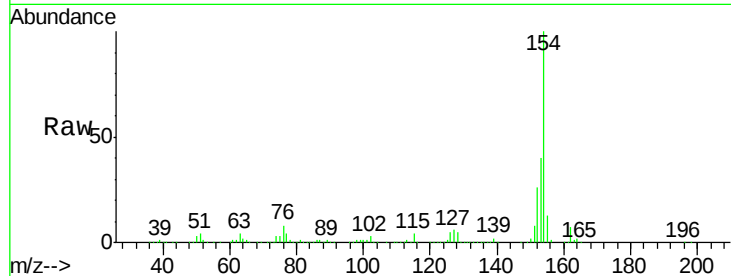




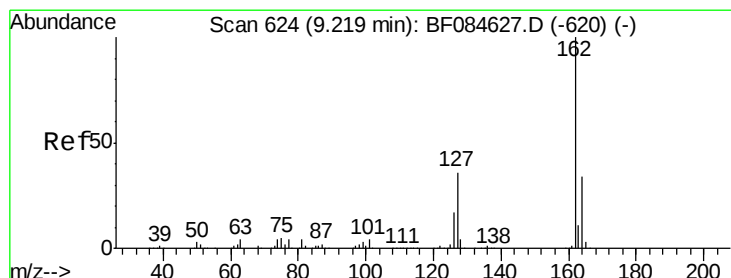
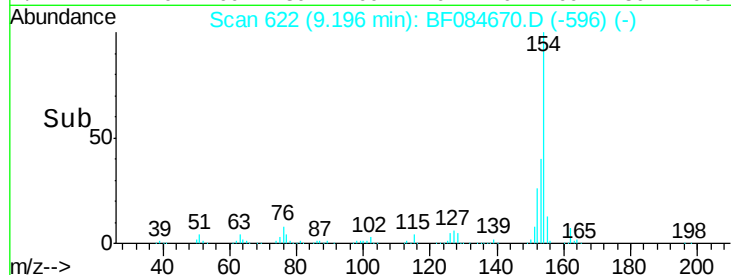
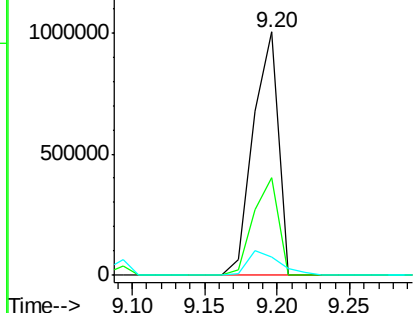
#45
 1,1'-Biphenyl
 Concen: 41.97 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF084670.D
 Acq: 30 Jan 2016 7:55

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(20-23)MSD

Tgt Ion:154 Resp: 1197099
 Ion Ratio Lower Upper
 154 100
 153 39.9 21.6 61.6
 76 7.6 0.0 32.7

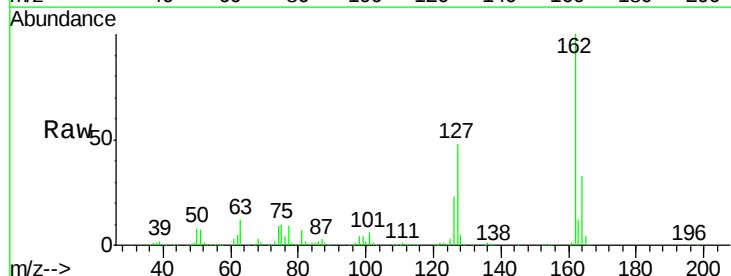


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

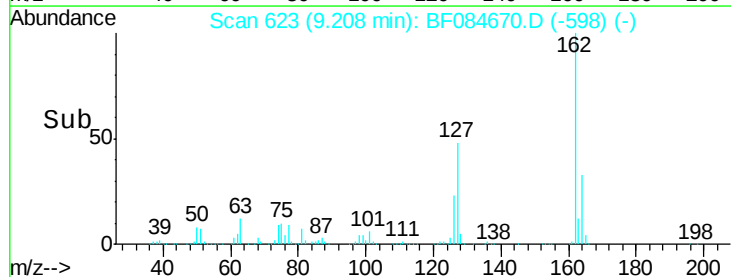
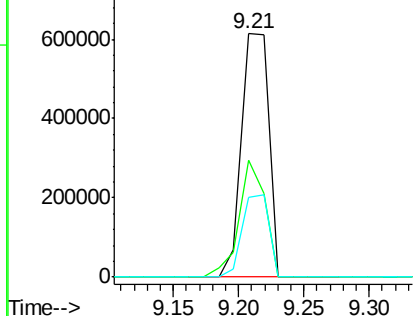


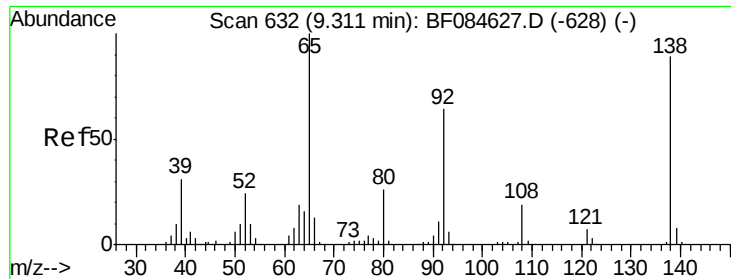
#46
 2-Chloronaphthalene
 Concen: 42.72 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF084670.D
 Acq: 30 Jan 2016 7:55

Tgt Ion:162 Resp: 889027
 Ion Ratio Lower Upper
 162 100
 127 48.0 40.2 60.4
 164 32.6 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

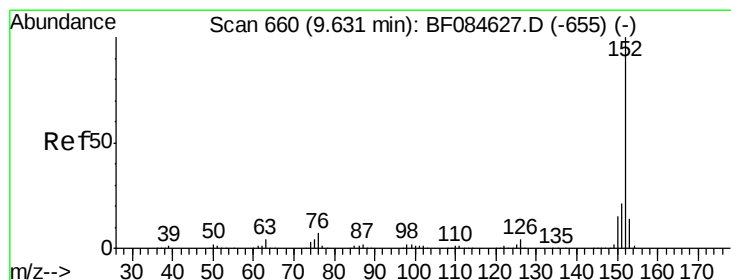
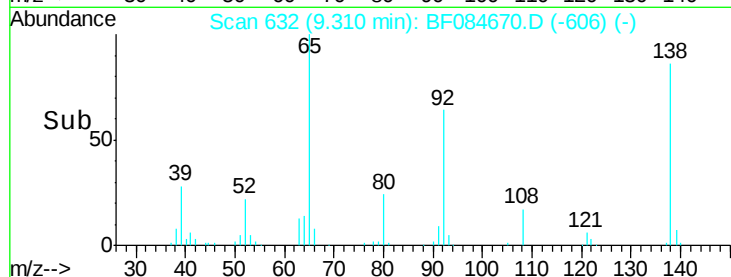
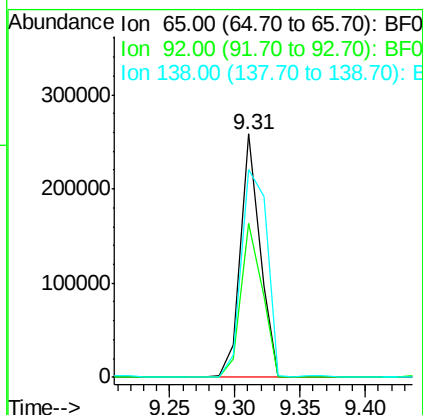
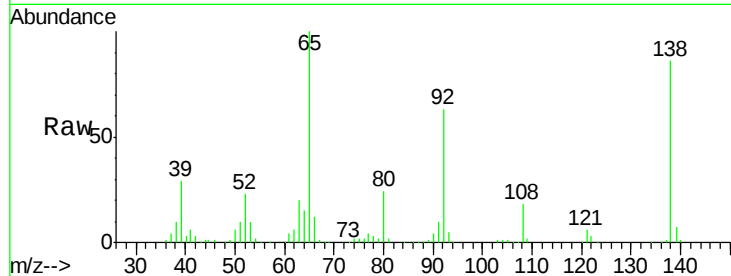




#47
2-Nitroaniline
Concen: 43.12 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.00 min
Lab File: BF084670.D
Acq: 30 Jan 2016 7:55

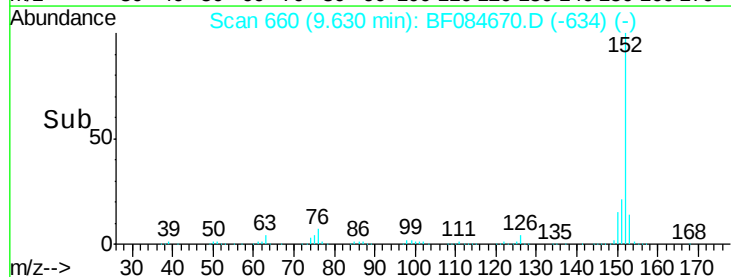
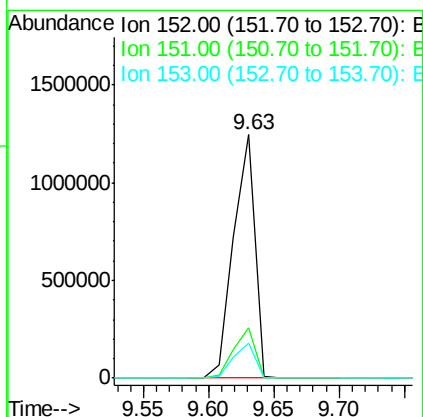
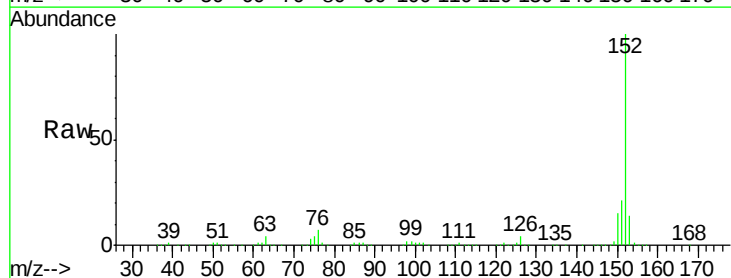
Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)MSD

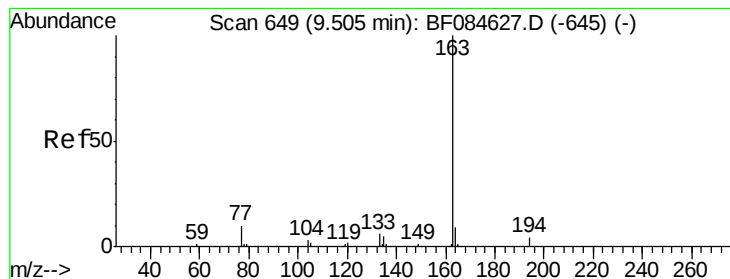
Tgt Ion: 65 Resp: 269535
Ion Ratio Lower Upper
65 100
92 63.4 53.4 80.2
138 85.5 71.1 106.7



#48
Acenaphthylene
Concen: 44.56 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF084670.D
Acq: 30 Jan 2016 7:55

Tgt Ion: 152 Resp: 1404949
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 14.3 10.4 15.6





#49

Dimethylphthalate

Concen: 55.77 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.00 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MSD

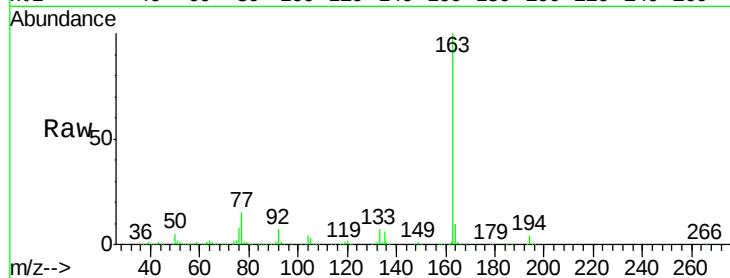
Tgt Ion:163 Resp: 1302851

Ion Ratio Lower Upper

163 100

194 3.5 8.0 12.0#

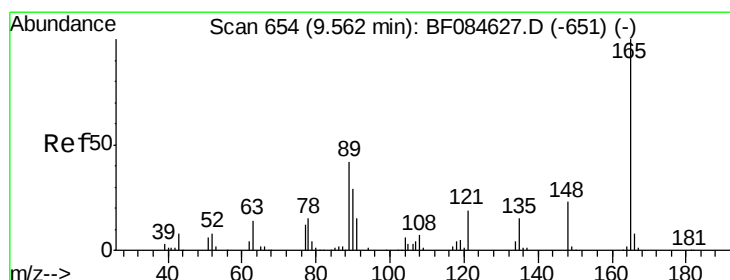
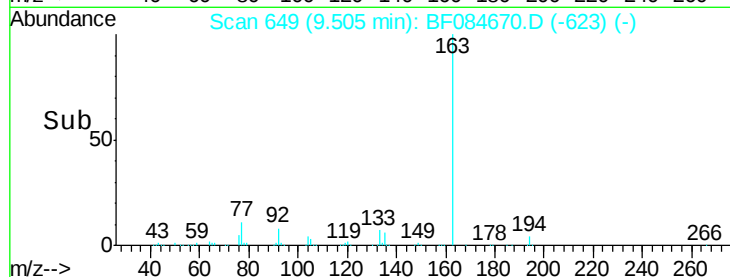
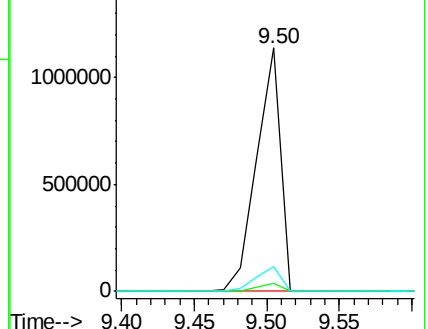
164 10.0 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 48.76 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

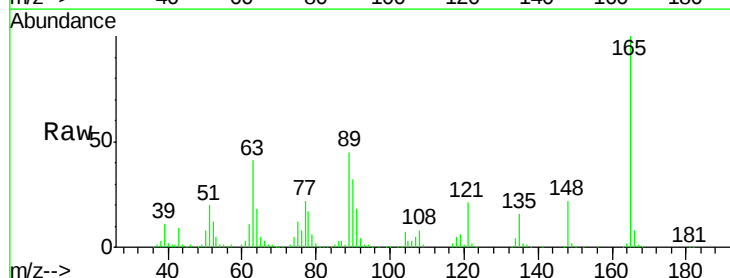
Tgt Ion:165 Resp: 250599

Ion Ratio Lower Upper

165 100

63 40.9 28.8 43.2

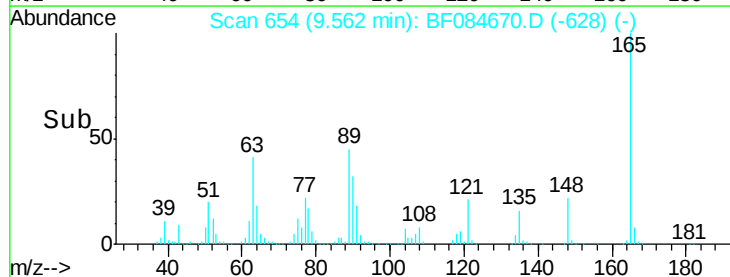
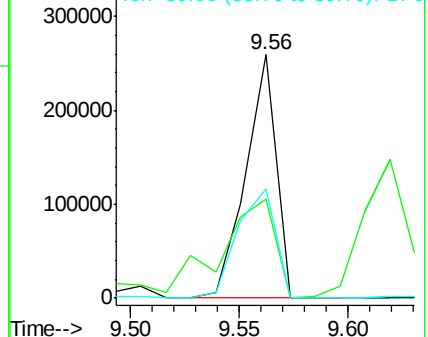
89 44.9 35.1 52.7

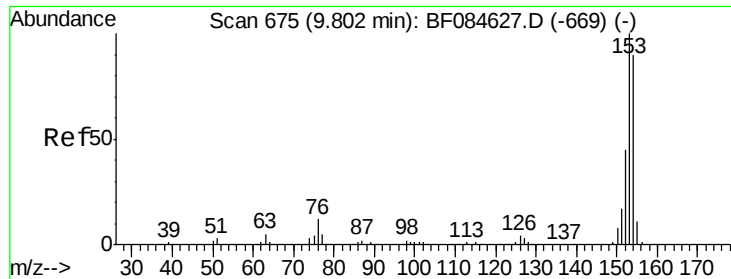


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.69 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MSD

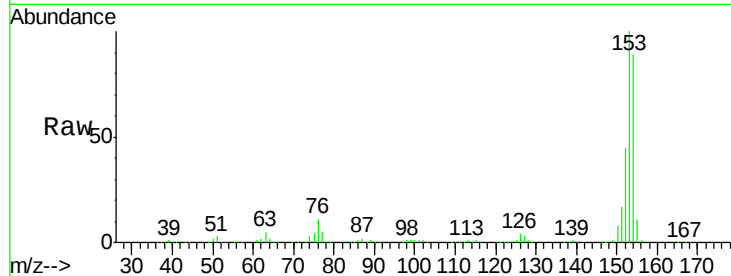
Tgt Ion:154 Resp: 964808

Ion Ratio Lower Upper

154 100

153 112.4 91.5 137.3

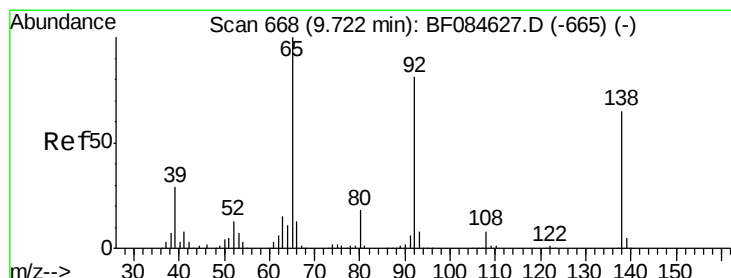
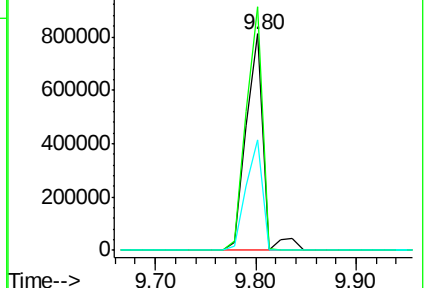
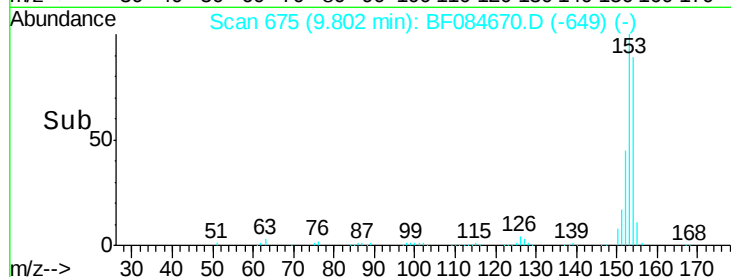
152 51.0 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.12 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

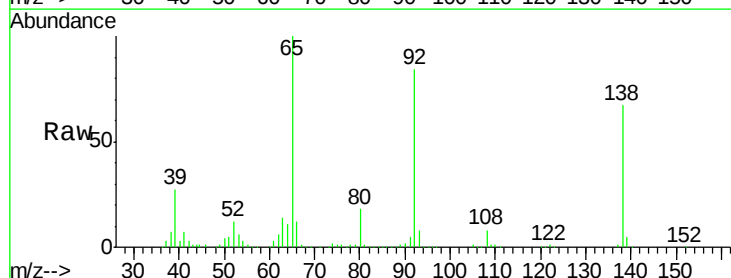
Tgt Ion:138 Resp: 156364

Ion Ratio Lower Upper

138 100

108 11.7 10.5 15.7

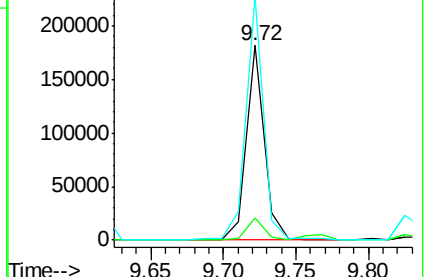
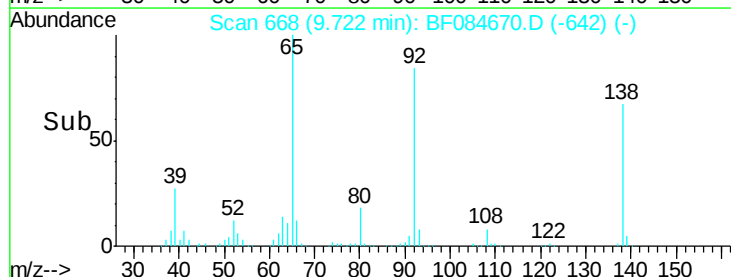
92 125.0 103.9 155.9

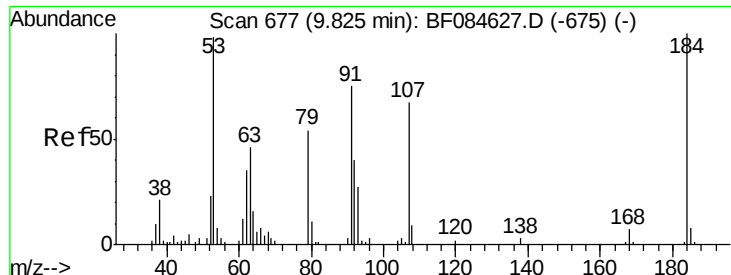


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

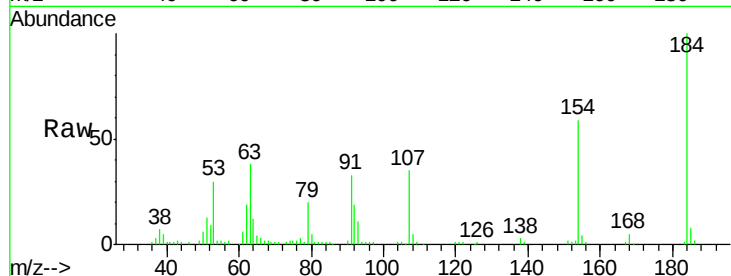




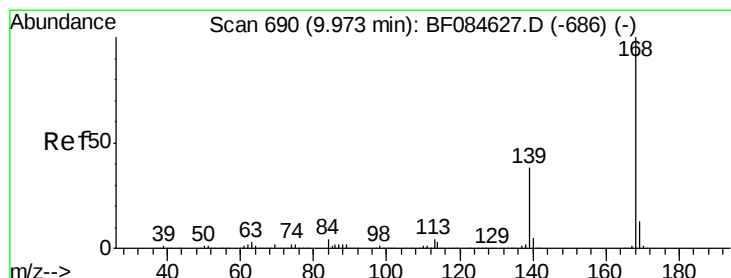
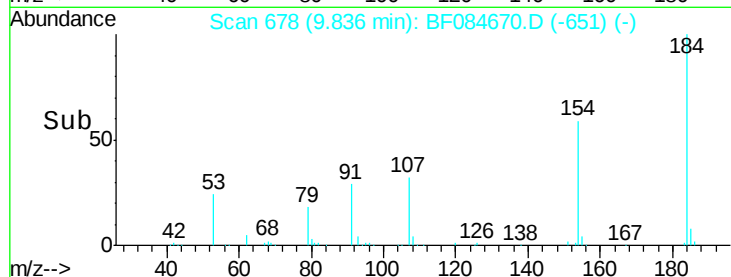
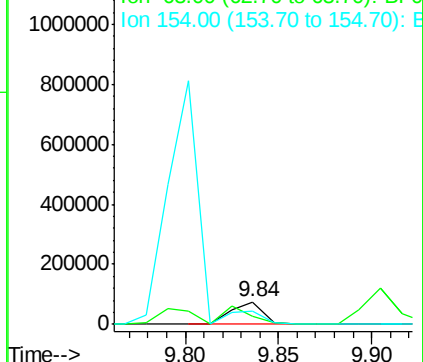
#53
2,4-Dinitrophenol
Concen: 36.63 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.01 min
Lab File: BF084670.D
Acq: 30 Jan 2016 7:55

Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)MSD

Tgt Ion:184 Resp: 92905
Ion Ratio Lower Upper
184 100
63 37.7 43.1 64.7#
154 59.5 60.5 90.7#

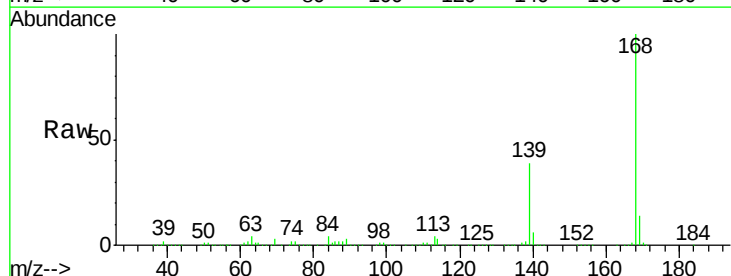


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

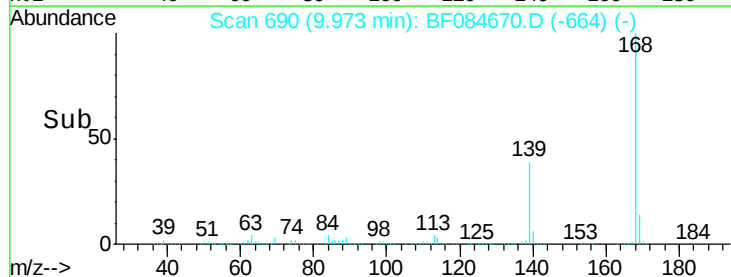
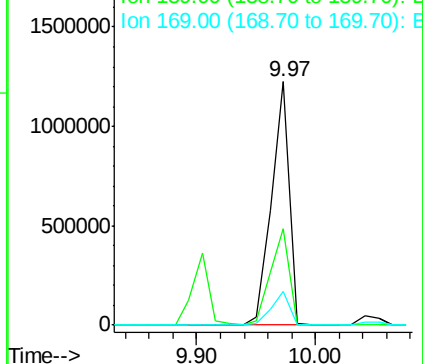


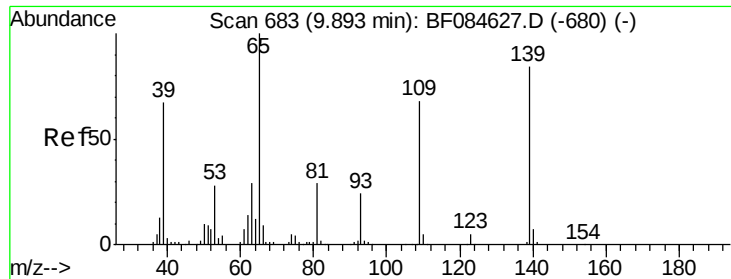
#54
Dibenzofuran
Concen: 50.37 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF084670.D
Acq: 30 Jan 2016 7:55

Tgt Ion:168 Resp: 1269371
Ion Ratio Lower Upper
168 100
139 39.4 30.5 45.7
169 13.6 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: 90.96 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.01 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MSD

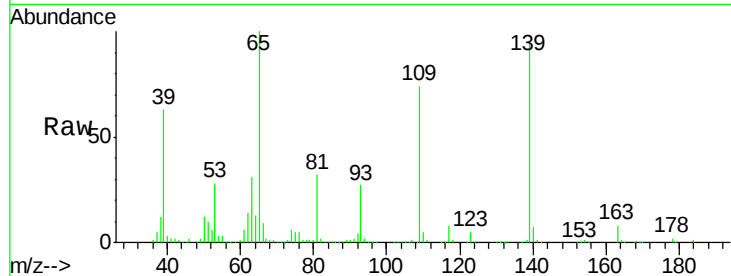
Tgt Ion:139 Resp: 358827

Ion Ratio Lower Upper

139 100

109 77.3 58.5 98.5

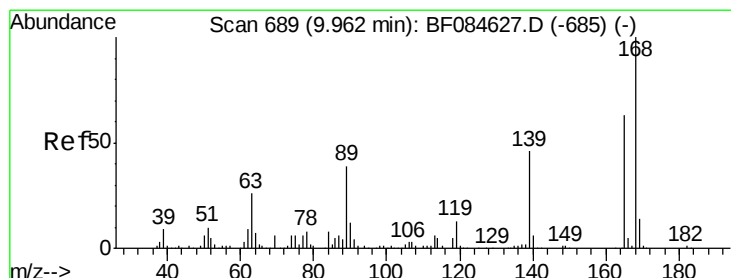
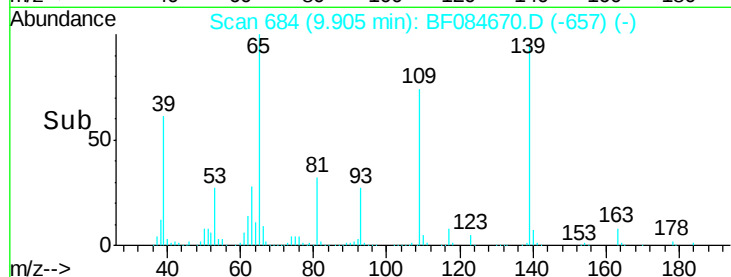
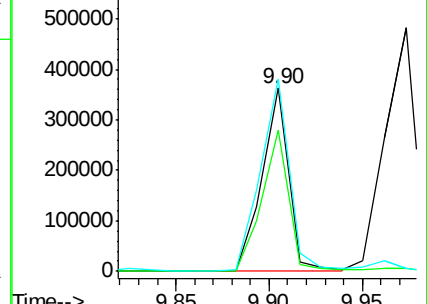
65 105.1 57.6 97.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 48.15 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

Tgt Ion:165 Resp: 321517

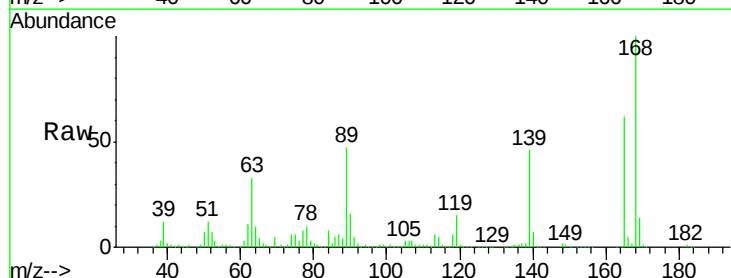
Ion Ratio Lower Upper

165 100

63 53.0 36.7 55.1

89 76.2 61.9 92.9

182 2.2 2.0 3.0

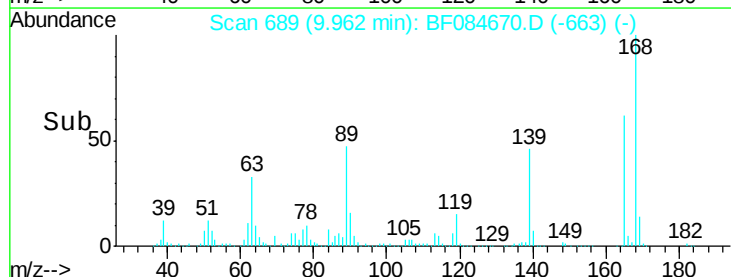
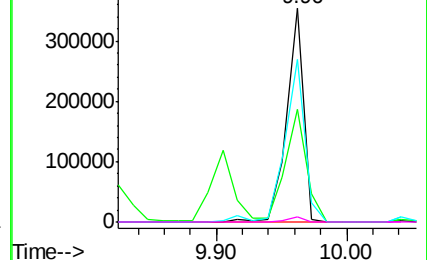


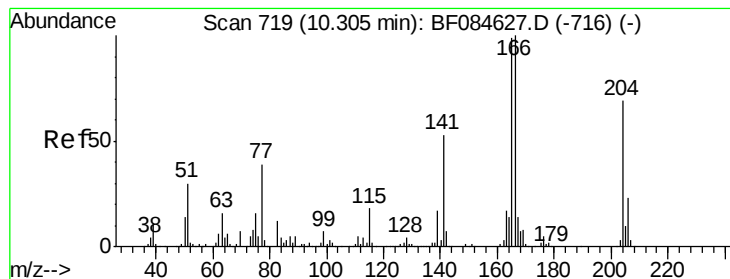
Abundance Ion 165.00 (164.70 to 165.70): E

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: 43.38 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.01 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MSD

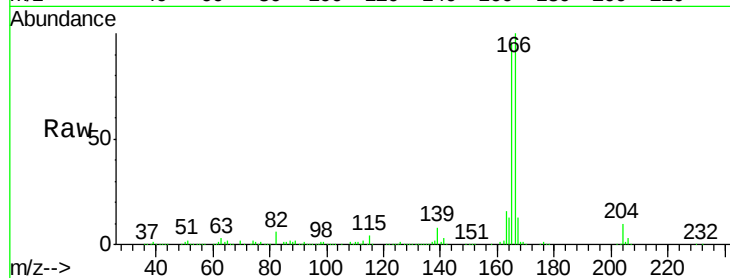
Tgt Ion:166 Resp: 926666

Ion Ratio Lower Upper

166 100

165 96.4 79.1 118.7

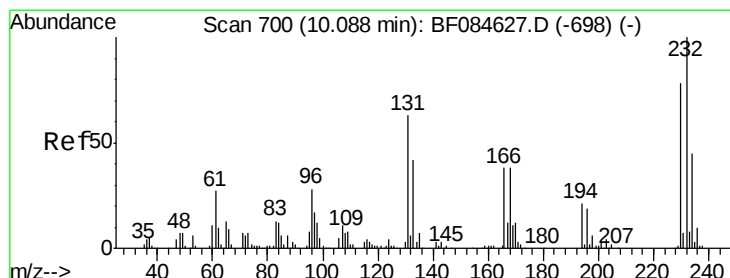
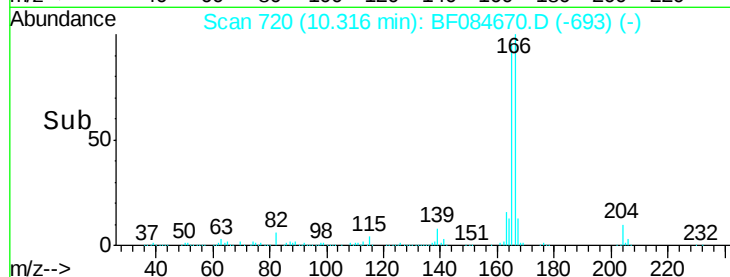
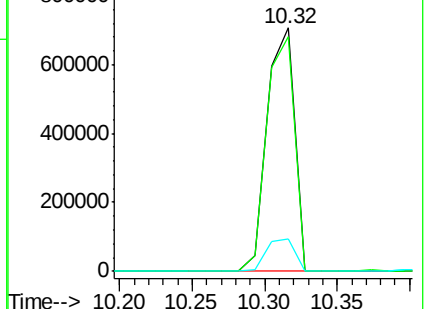
167 13.1 10.4 15.6



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: 47.43 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

Tgt Ion:232 Resp: 232121

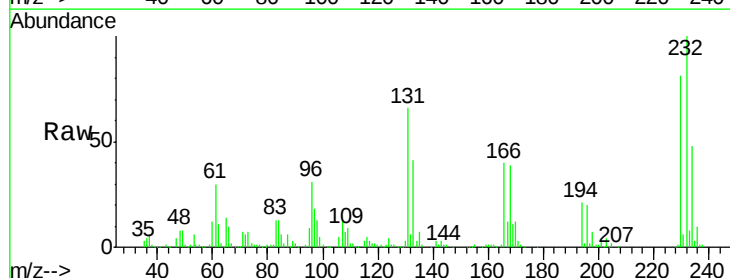
Ion Ratio Lower Upper

232 100

131 53.5 47.0 70.6

130 2.8 2.0 3.0

166 33.6 30.5 45.7

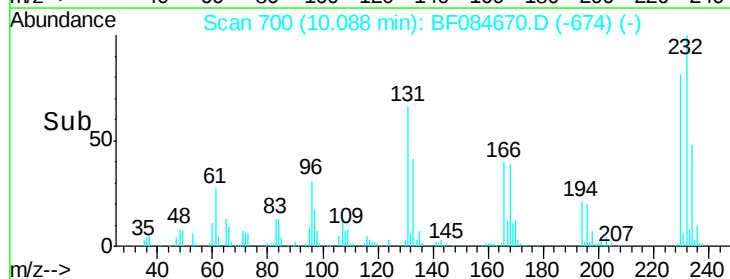
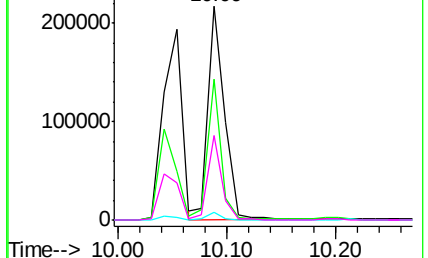


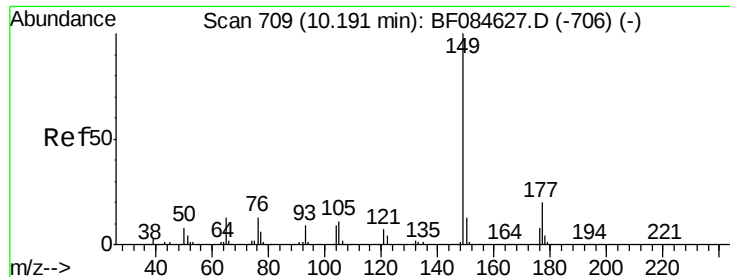
Abundance Ion 232.00 (231.70 to 232.70): E

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

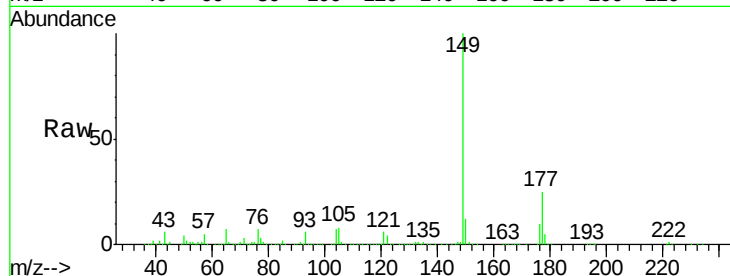




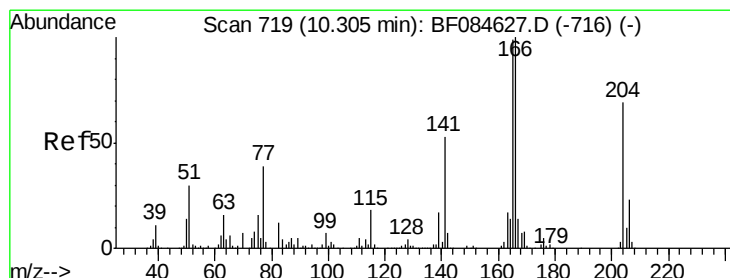
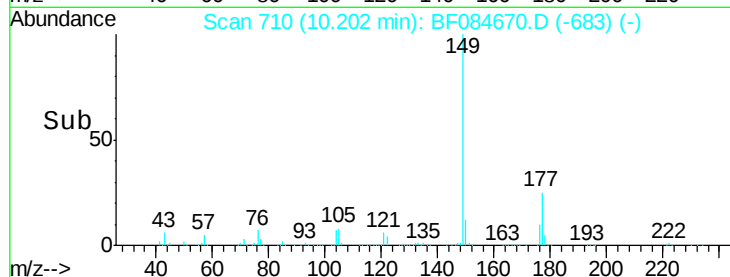
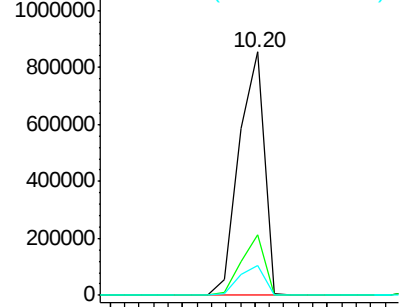
#59
Diethylphthalate
Concen: 45.06 ng
RT: 10.20 min Scan# 710
Delta R.T. 0.01 min
Lab File: BF084670.D
Acq: 30 Jan 2016 7:55

Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)MSD

Tgt Ion:149 Resp: 1030307
Ion Ratio Lower Upper
149 100
177 24.7 17.3 25.9
150 12.5 9.8 14.8

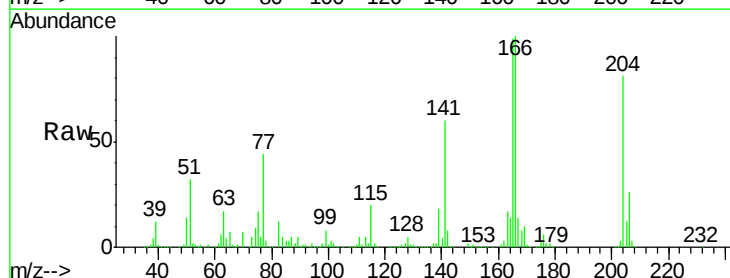


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

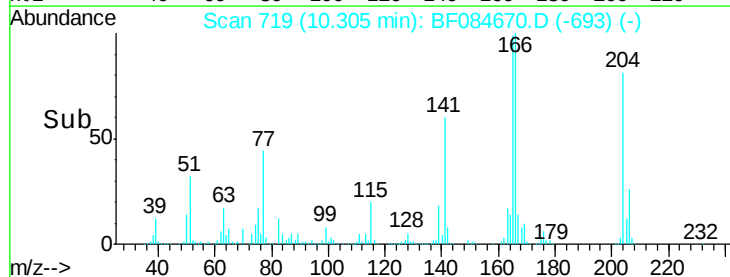
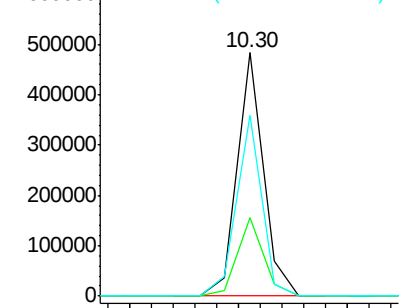


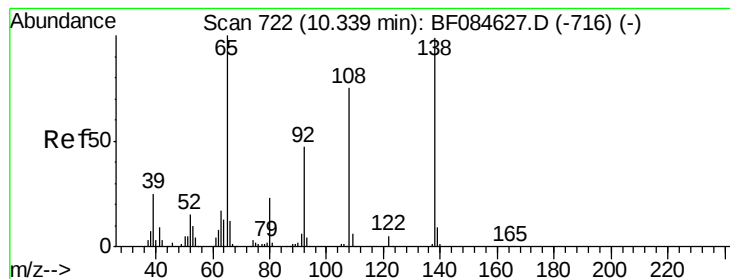
#60
4-Chlorophenyl-phenylether
Concen: 42.09 ng
RT: 10.30 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF084670.D
Acq: 30 Jan 2016 7:55

Tgt Ion:204 Resp: 403577
Ion Ratio Lower Upper
204 100
206 32.3 25.7 38.5
141 74.1 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: 45.77 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MSD

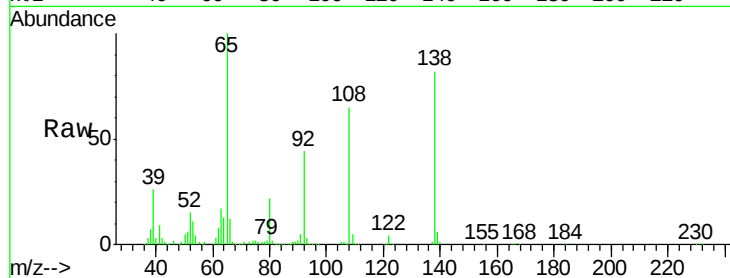
Tgt Ion:138 Resp: 232653

Ion Ratio Lower Upper

138 100

92 53.8 32.6 72.6

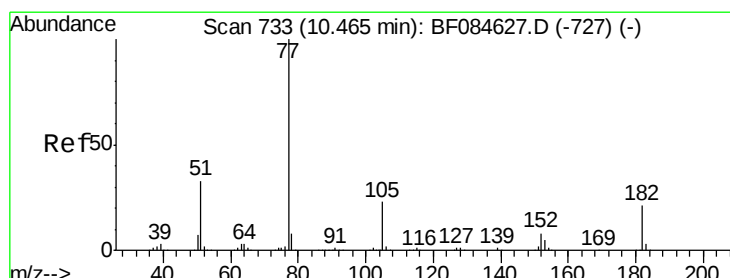
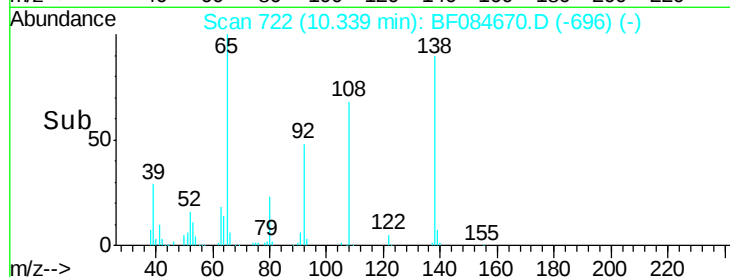
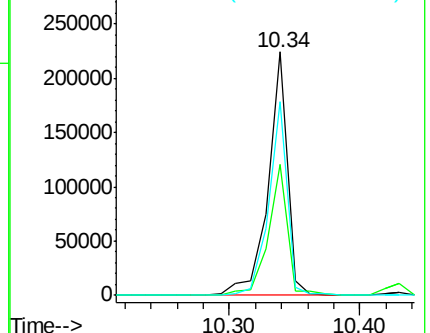
108 79.4 68.6 108.6



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: 49.55 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

Tgt Ion: 77 Resp: 1084397

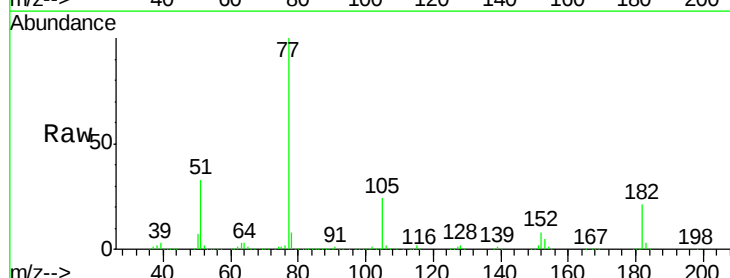
Ion Ratio Lower Upper

77 100

182 21.1 8.3 48.3

105 23.6 4.6 44.6

51 33.1 6.2 46.2

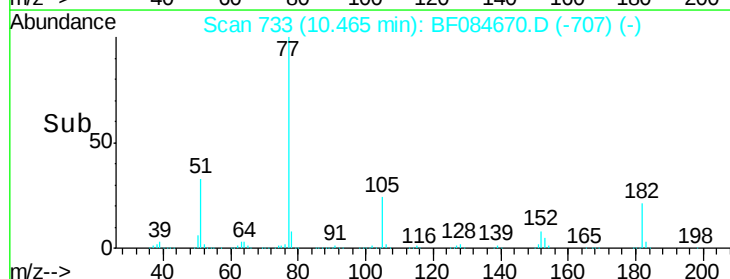
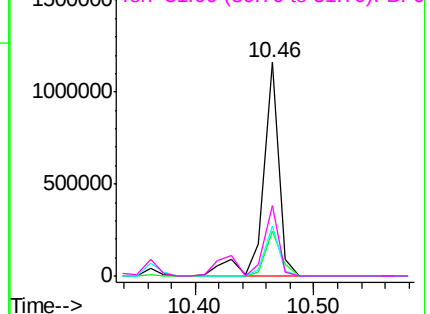


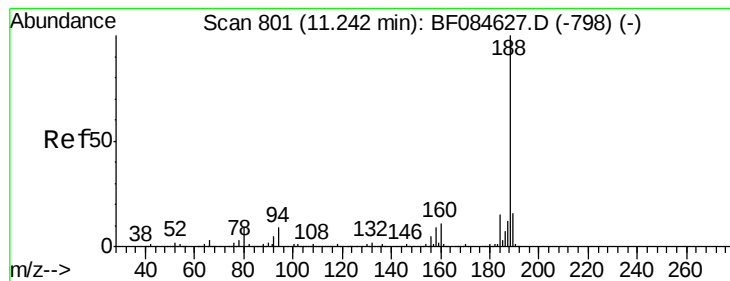
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF084670.D

Acq: 30 Jan 2016 7:55

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MSD

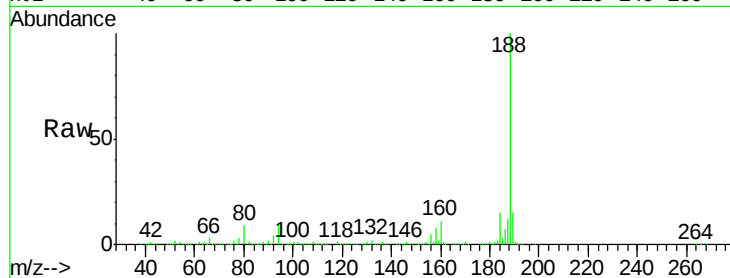
Tgt Ion:188 Resp: 542762

Ion Ratio Lower Upper

188 100

94 8.6 9.0 13.4#

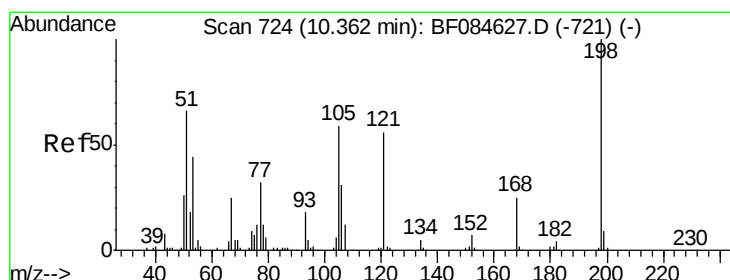
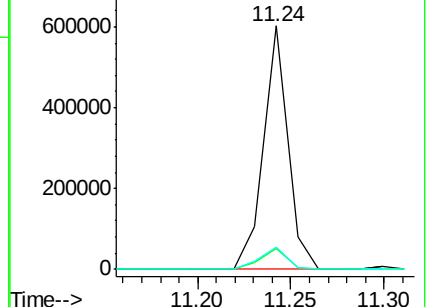
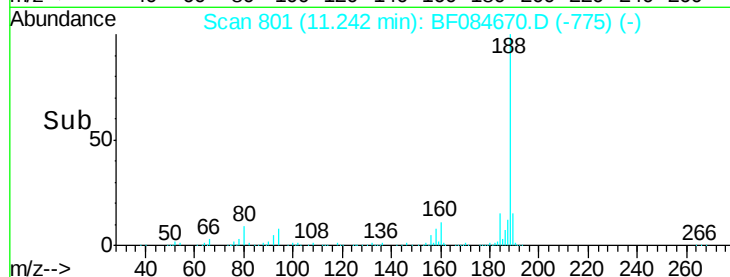
80 9.3 9.6 14.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 38.73 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

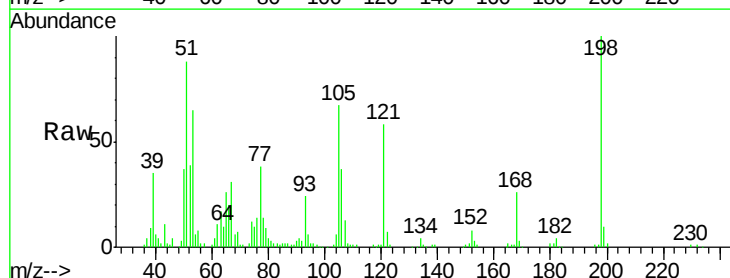
Tgt Ion:198 Resp: 137295

Ion Ratio Lower Upper

198 100

51 87.5 18.9 58.9#

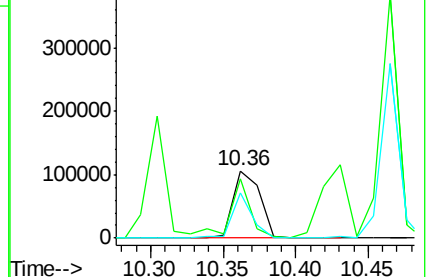
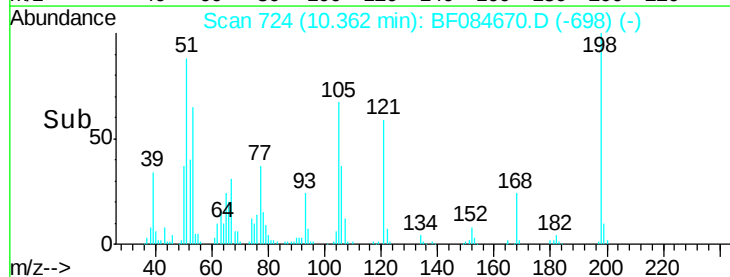
105 66.9 26.4 66.4#

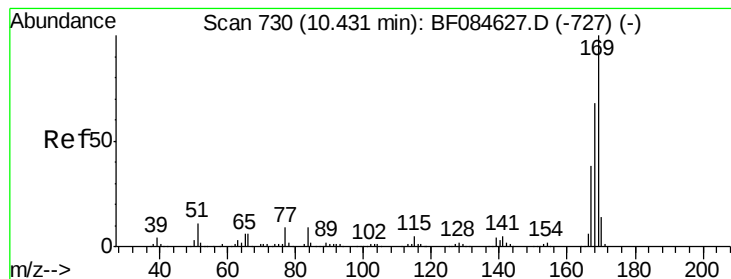


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 49.97 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MSD

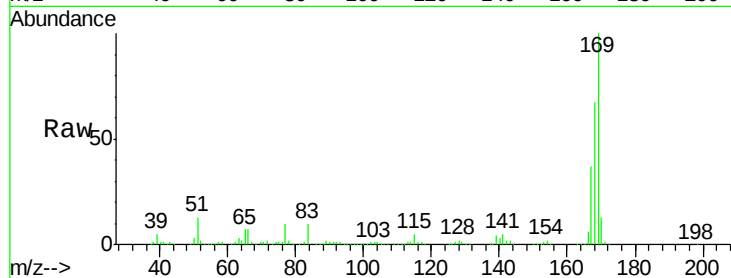
Tgt Ion:169 Resp: 879386

Ion Ratio Lower Upper

169 100

168 66.8 55.1 82.7

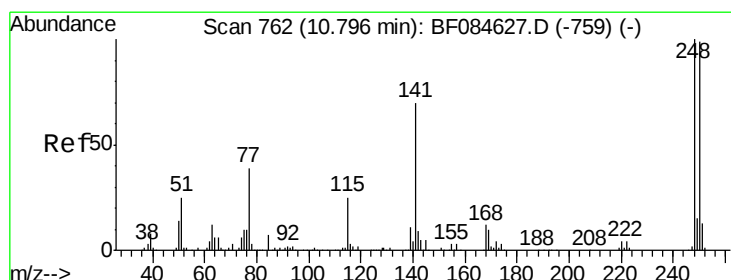
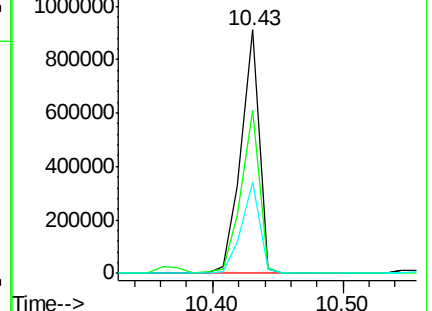
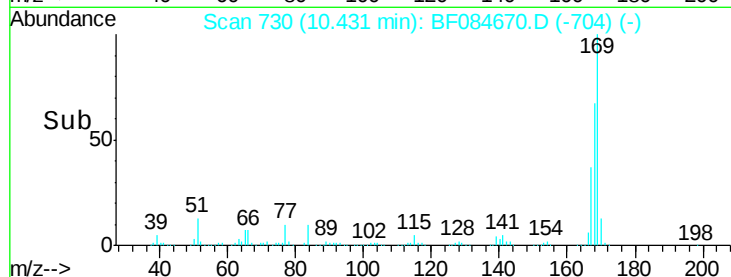
167 37.3 30.0 45.0



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: 48.27 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

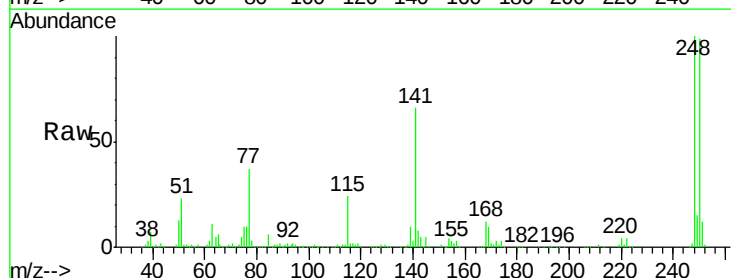
Tgt Ion:248 Resp: 295087

Ion Ratio Lower Upper

248 100

250 98.6 78.4 117.6

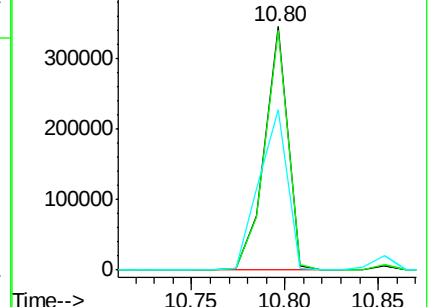
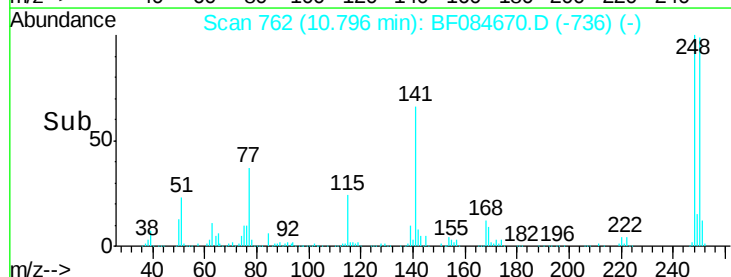
141 66.1 44.0 66.0#

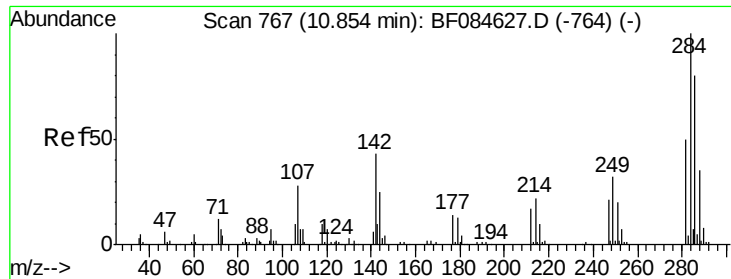


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.80 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MSD

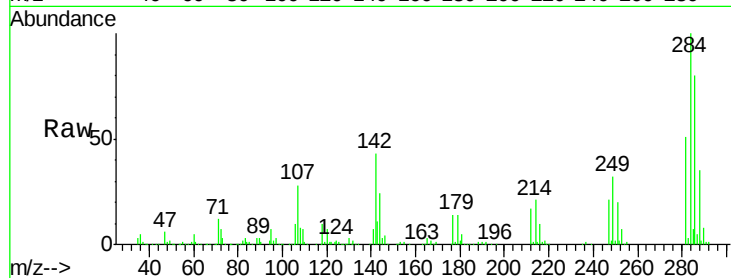
Tgt Ion:284 Resp: 284584

Ion Ratio Lower Upper

284 100

142 42.8 22.2 33.4#

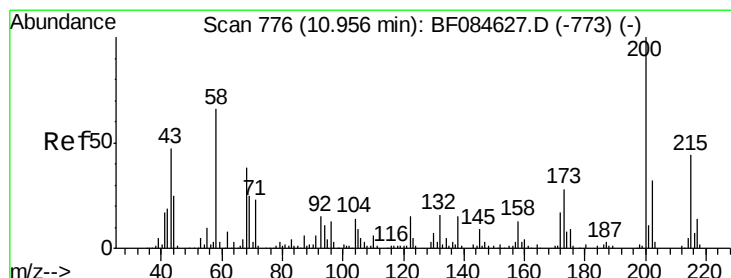
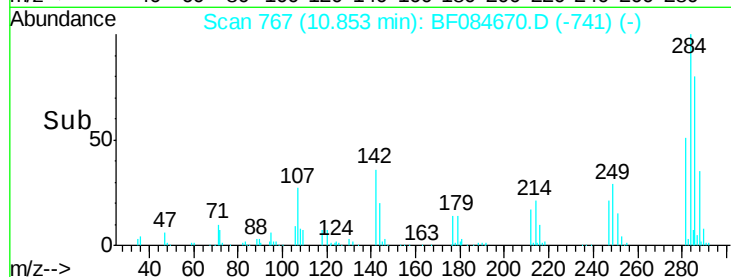
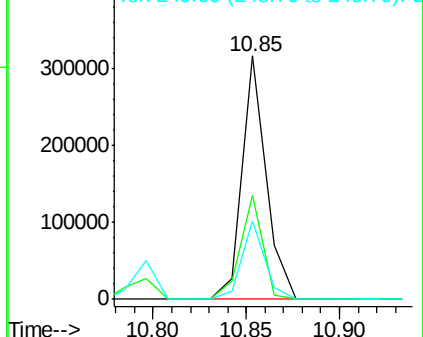
249 32.3 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.58 ng

RT: 10.96 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

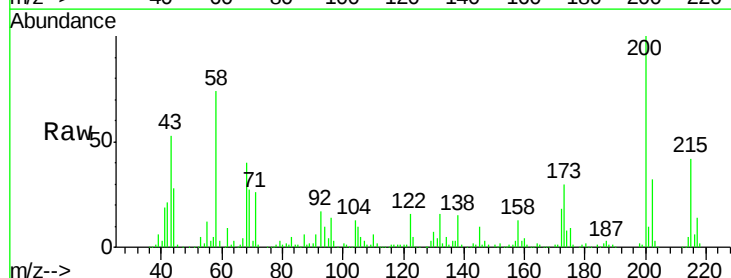
Tgt Ion:200 Resp: 229815

Ion Ratio Lower Upper

200 100

173 29.6 9.5 49.5

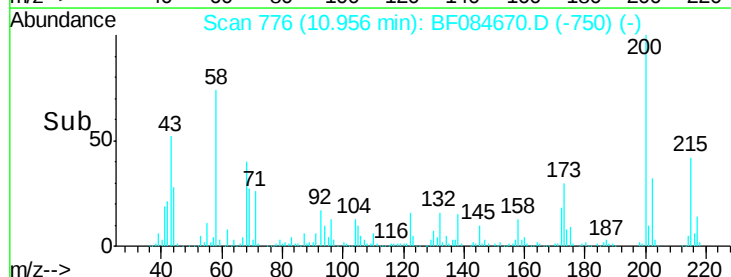
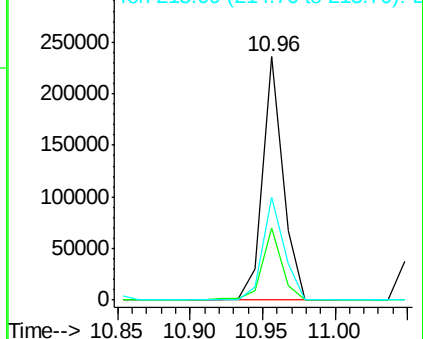
215 42.4 23.8 63.8

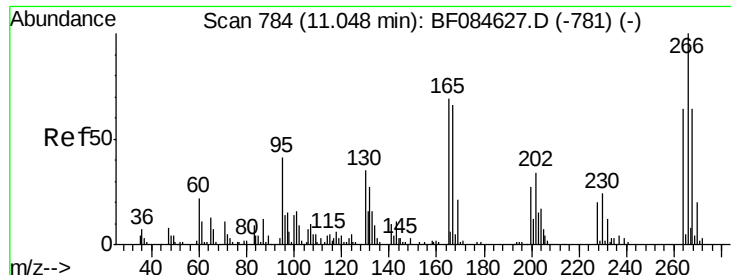


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

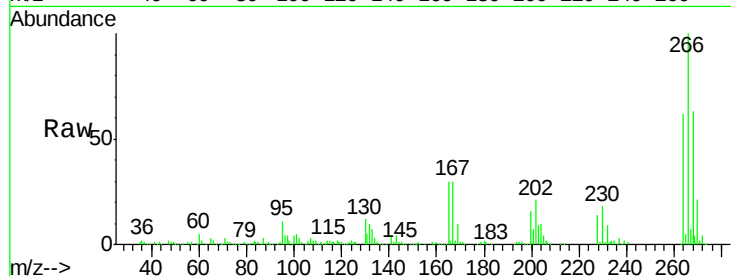




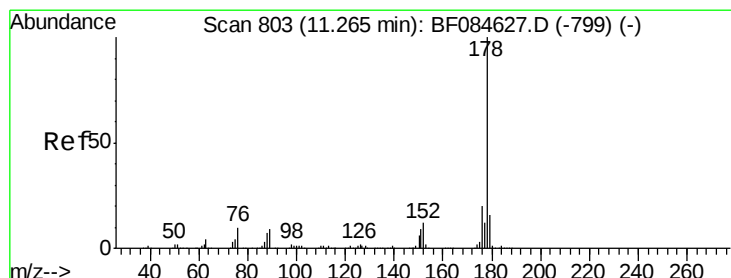
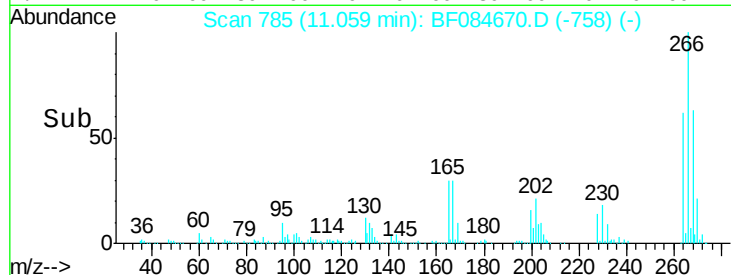
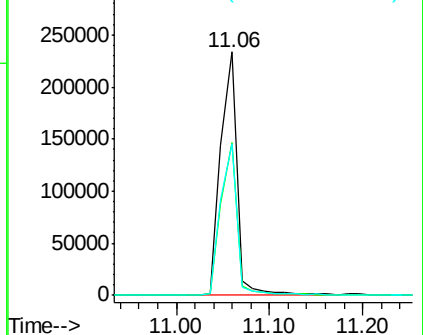
#69
 Pentachlorophenol
 Concen: 88.96 ng
 RT: 11.06 min Scan# 785
 Delta R.T. 0.01 min
 Lab File: BF084670.D
 Acq: 30 Jan 2016 7:55

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(20-23)MSD

Tgt Ion:266 Resp: 285782
 Ion Ratio Lower Upper
 266 100
 268 62.8 52.4 78.6
 264 62.4 50.2 75.2

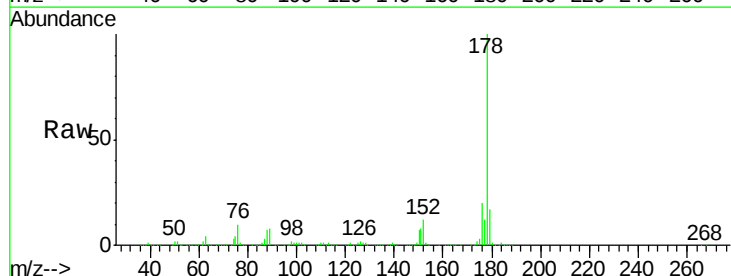


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

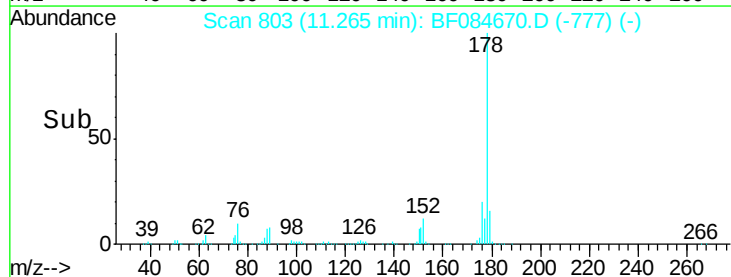
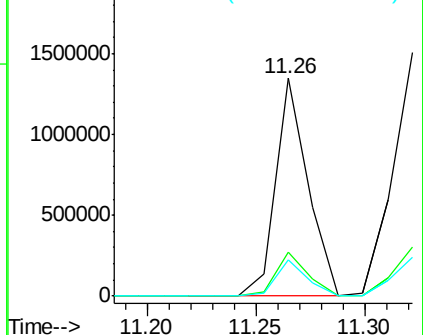


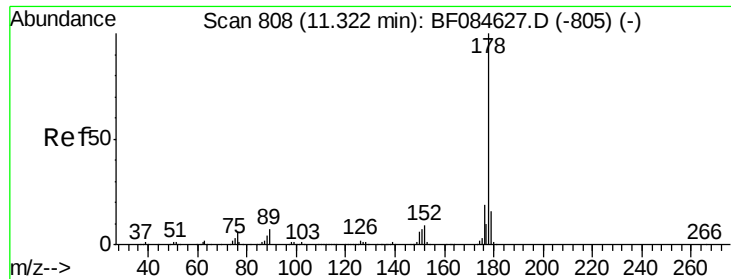
#70
 Phenanthrene
 Concen: 46.62 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF084670.D
 Acq: 30 Jan 2016 7:55

Tgt Ion:178 Resp: 1399232
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.3 22.9
 179 16.5 12.0 18.0



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

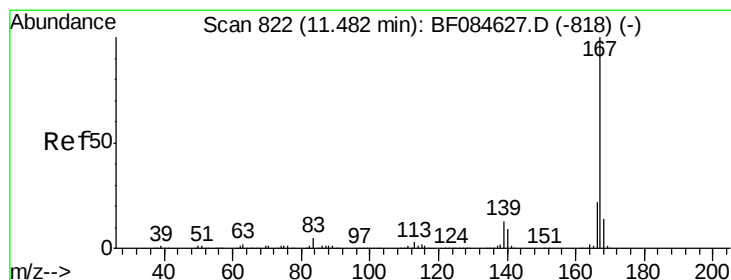
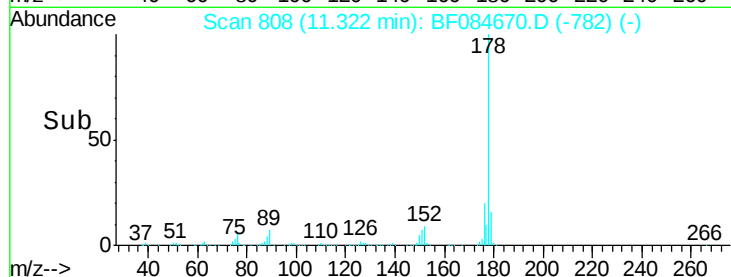
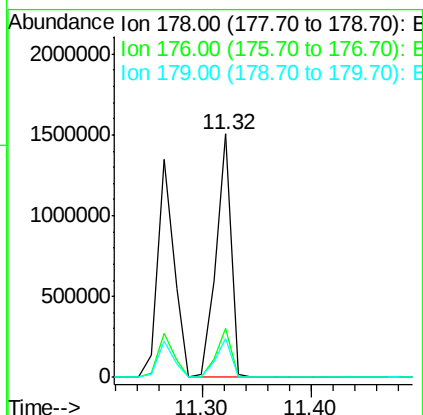
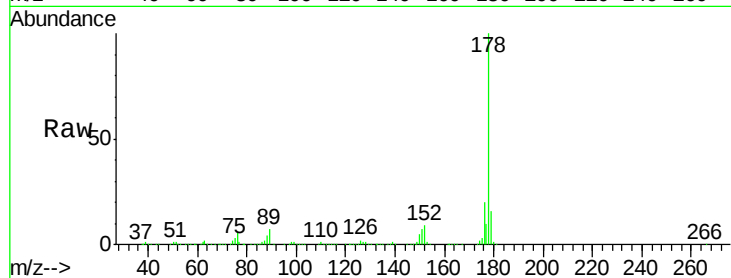




#71
 Anthracene
 Concen: 48.37 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF084670.D
 Acq: 30 Jan 2016 7:55

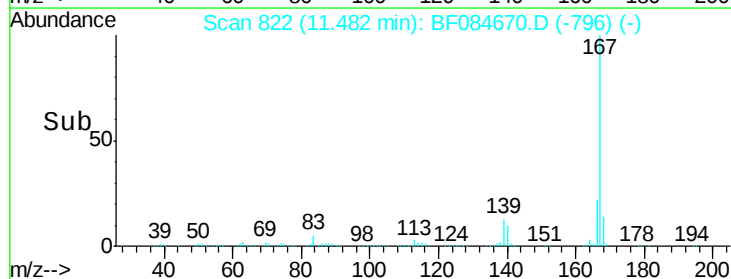
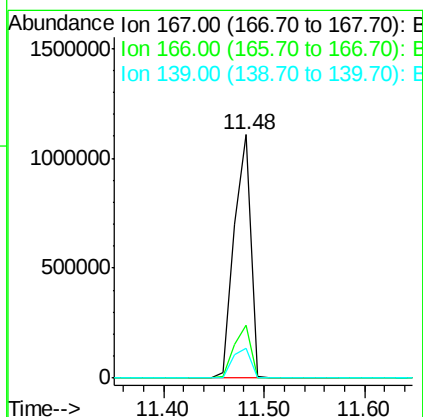
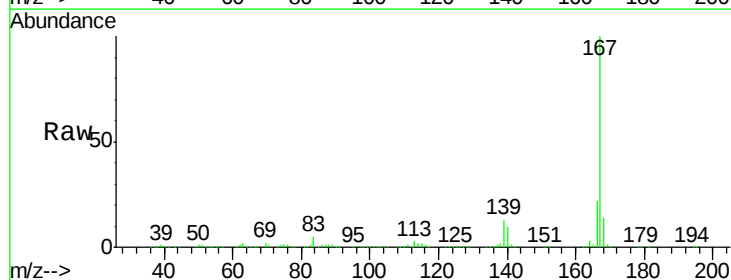
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(20-23)MSD

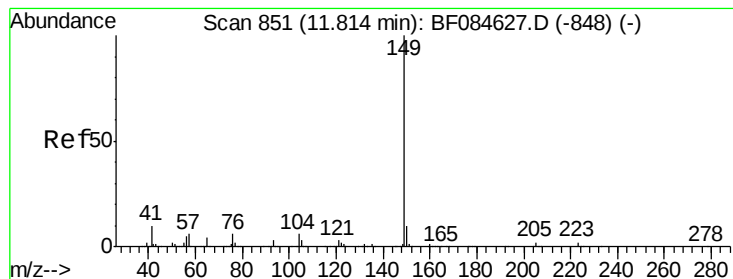
Tgt Ion:178 Resp: 1475982
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.4 23.0
 179 15.9 12.5 18.7



#72
 Carbazole
 Concen: 48.22 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF084670.D
 Acq: 30 Jan 2016 7:55

Tgt Ion:167 Resp: 1268118
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 12.5 11.8 17.8





#73

Di-n-butylphthalate

Concen: 42.00 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MSD

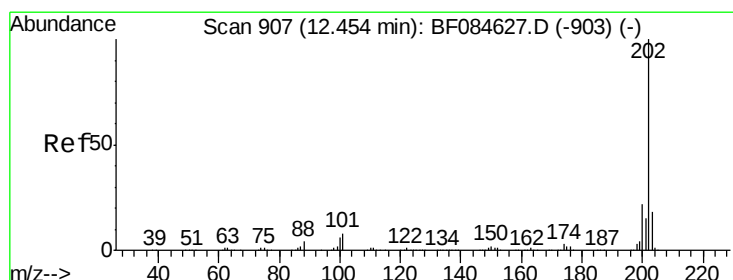
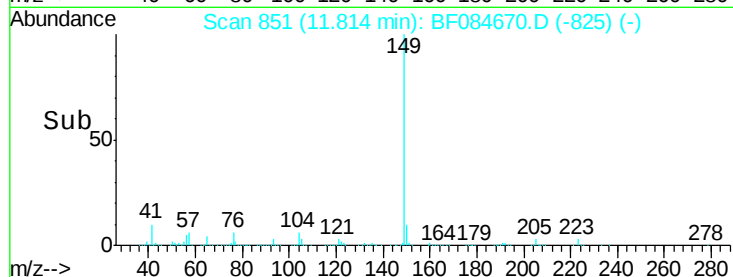
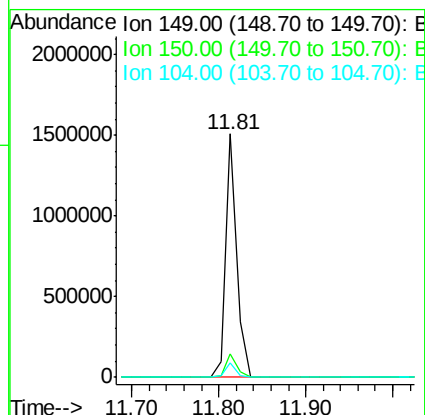
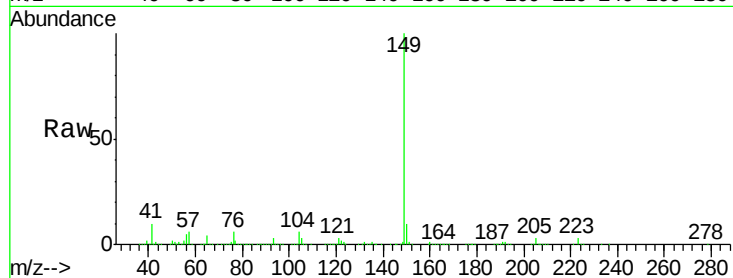
Tgt Ion:149 Resp: 1343490

Ion Ratio Lower Upper

149 100

150 9.9 7.1 10.7

104 6.0 3.2 4.8#



#74

Fluoranthene

Concen: 50.97 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

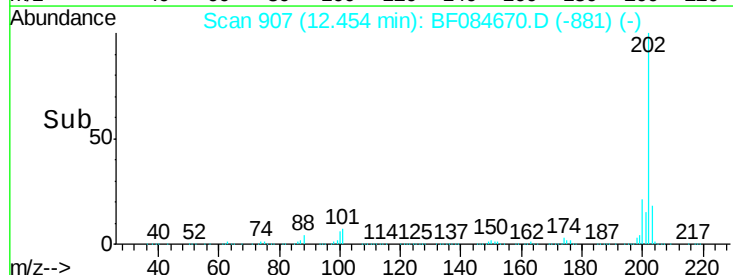
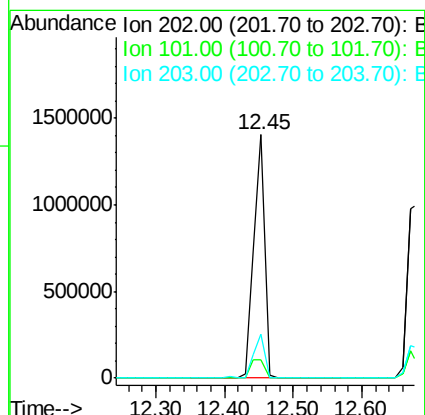
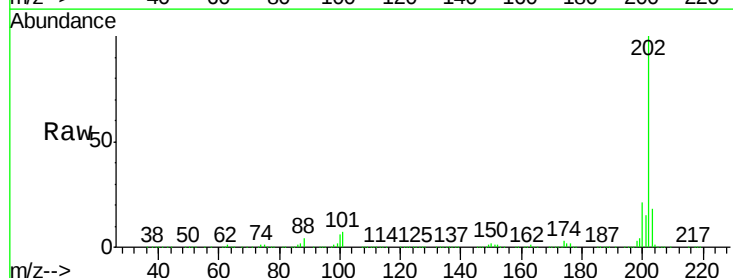
Tgt Ion:202 Resp: 1512389

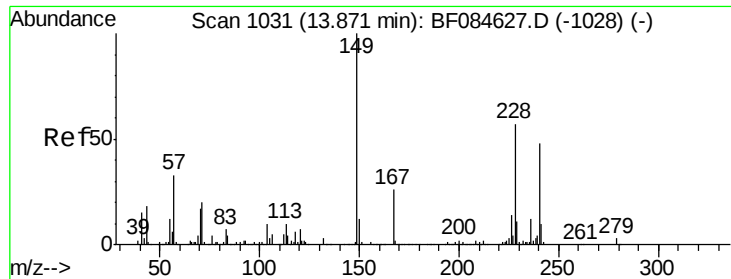
Ion Ratio Lower Upper

202 100

101 7.3 0.0 32.8

203 18.1 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MSD

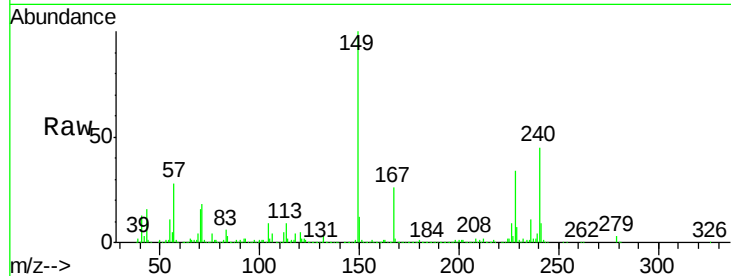
Tgt Ion:240 Resp: 335783

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

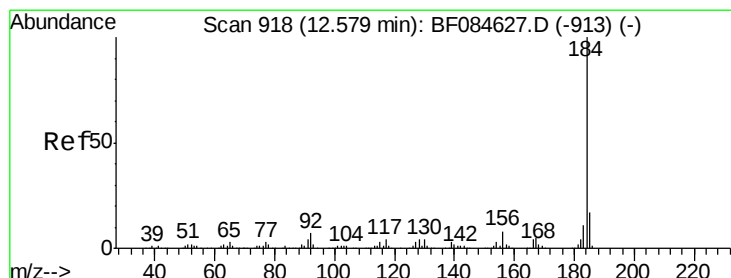
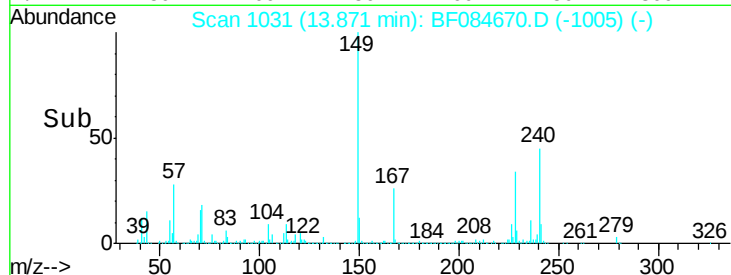
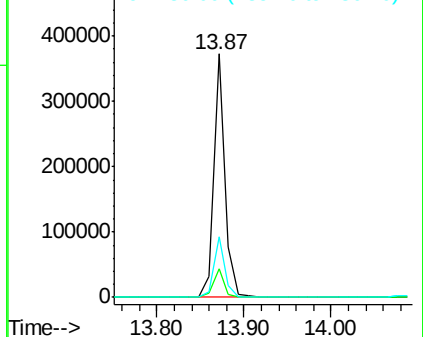
236 24.7 20.6 31.0



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: 47.81 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

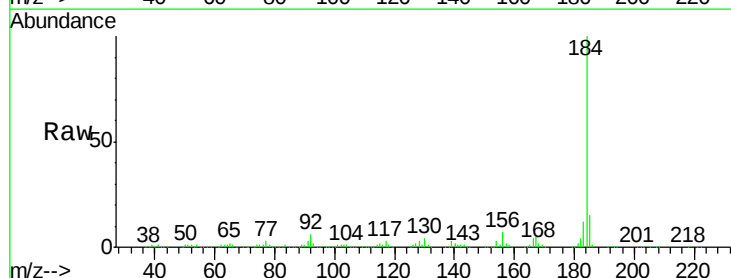
Tgt Ion:184 Resp: 610628

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.2

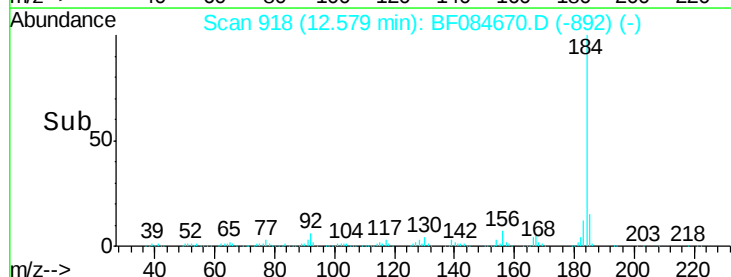
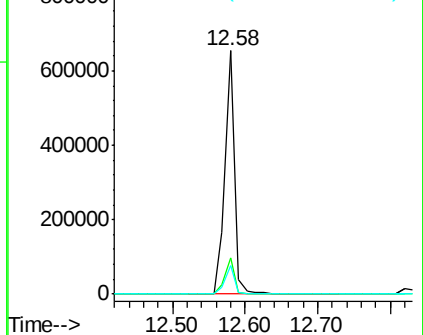
183 11.5 9.8 14.8

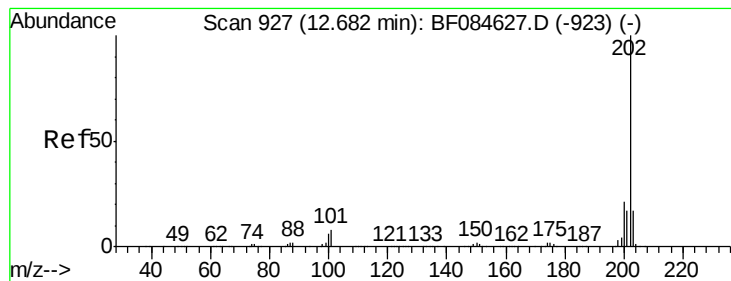


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 56.05 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MSD

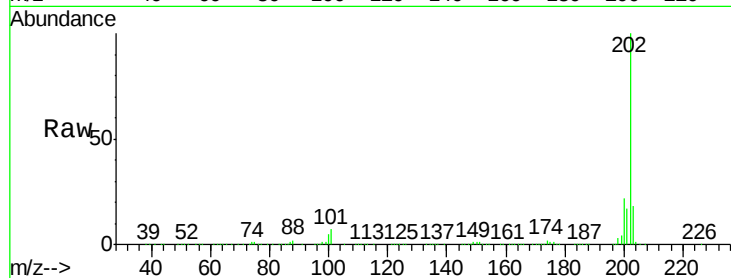
Tgt Ion:202 Resp: 1419641

Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

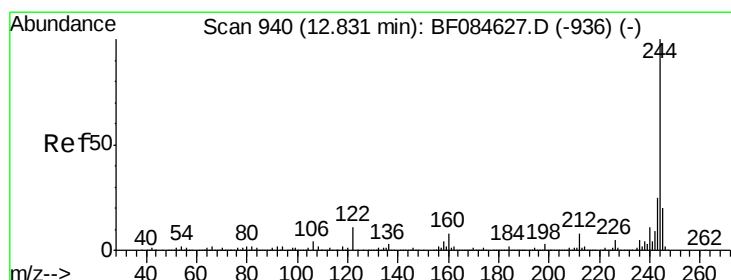
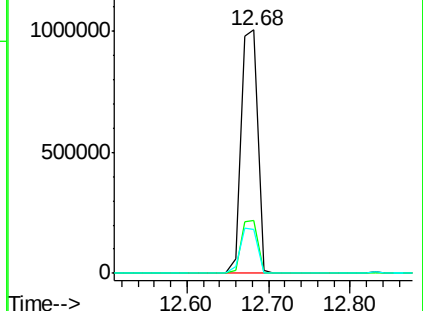
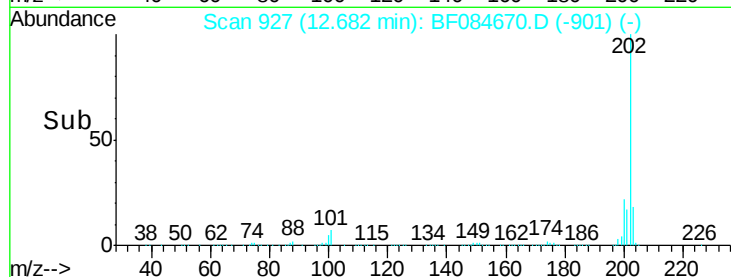
203 17.9 14.3 21.5



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: 92.85 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

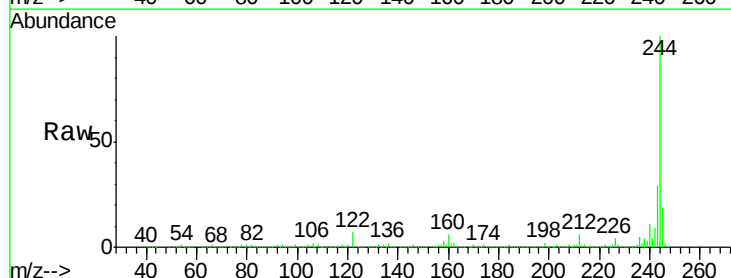
Tgt Ion:244 Resp: 1380459

Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

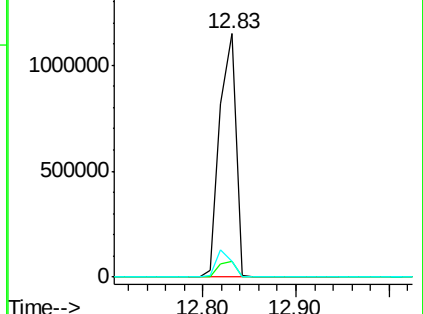
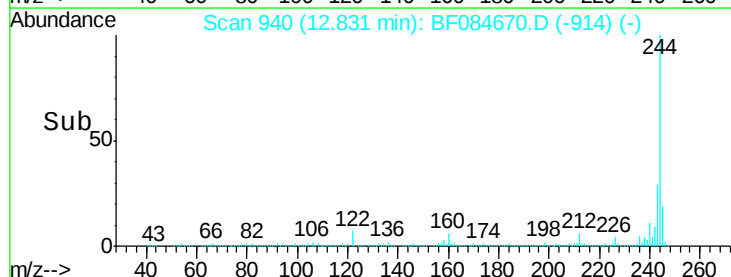
122 6.6 7.4 11.0#

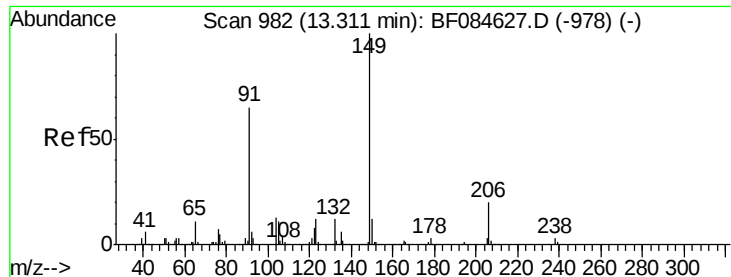


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

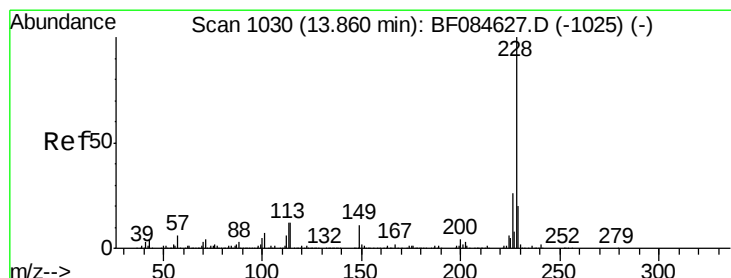
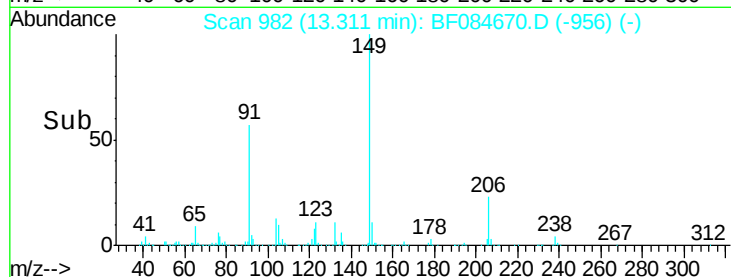
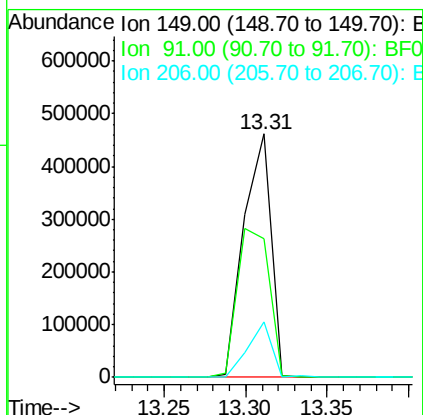
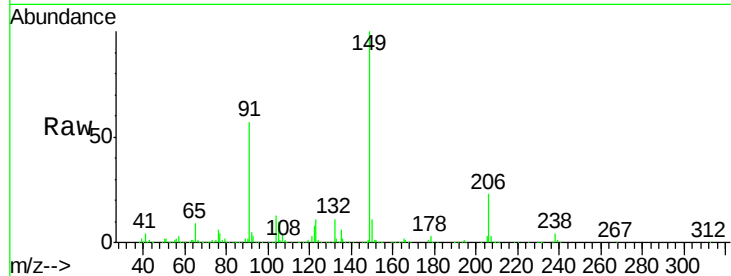




#79
Butylbenzylphthalate
Concen: 49.65 ng
RT: 13.31 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF084670.D
Acq: 30 Jan 2016 7:55

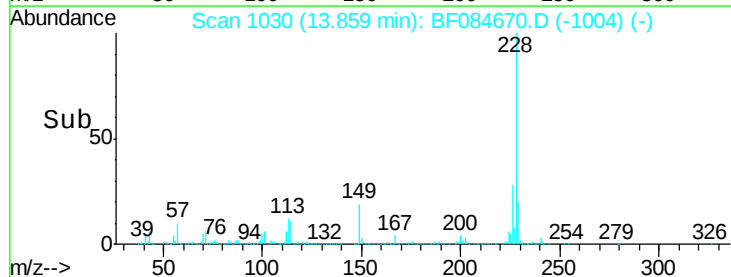
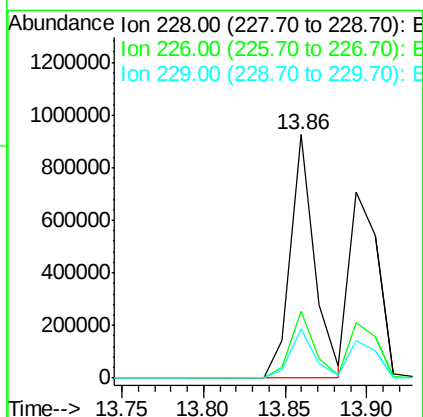
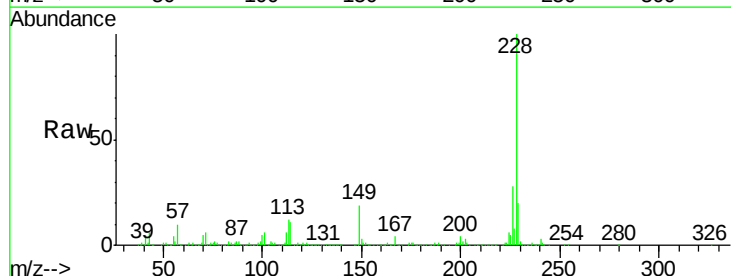
Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)MSD

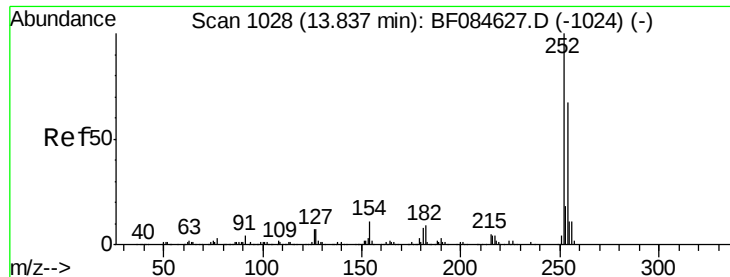
Tgt Ion:149 Resp: 537160
Ion Ratio Lower Upper
149 100
91 57.0 57.6 86.4#
206 22.9 13.2 19.8#



#80
Benzo(a)anthracene
Concen: 45.82 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF084670.D
Acq: 30 Jan 2016 7:55

Tgt Ion:228 Resp: 959030
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.6
229 20.1 15.8 23.8

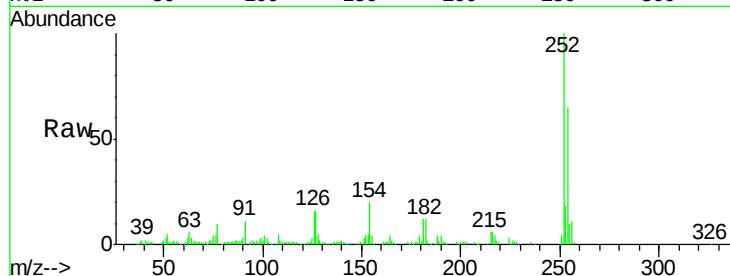




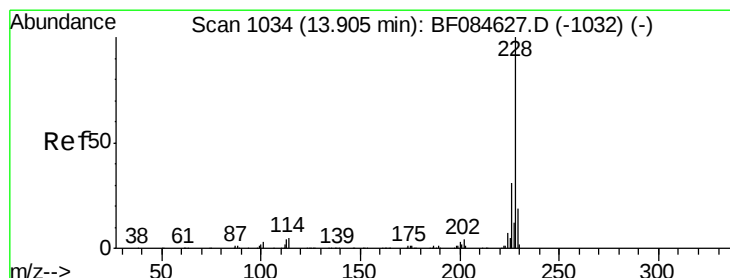
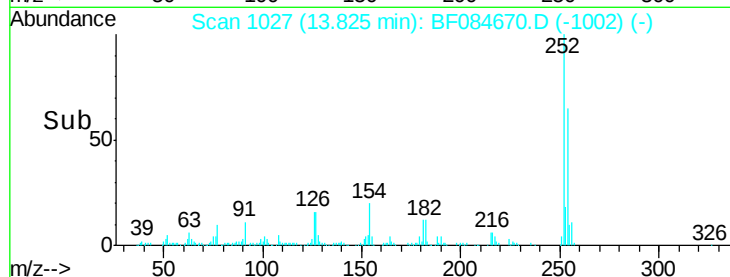
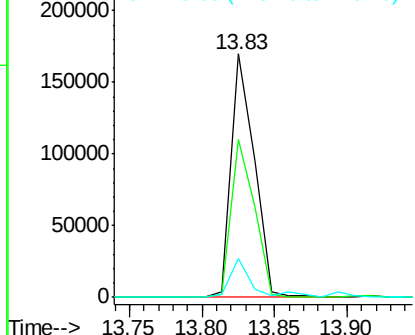
#81
 3,3'-Dichlorobenzidine
 Concen: 25.66 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BF084670.D
 Acq: 30 Jan 2016 7:55

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(20-23)MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	53.5	80.3
126	16.0	4.9	7.3#

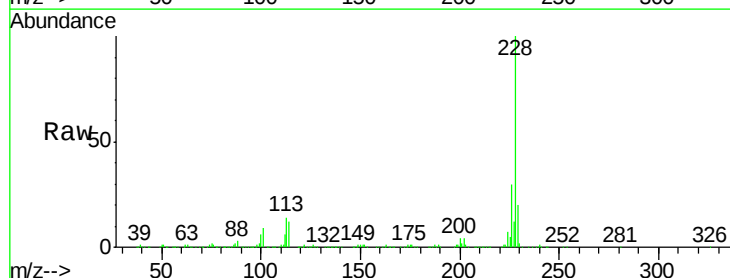


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

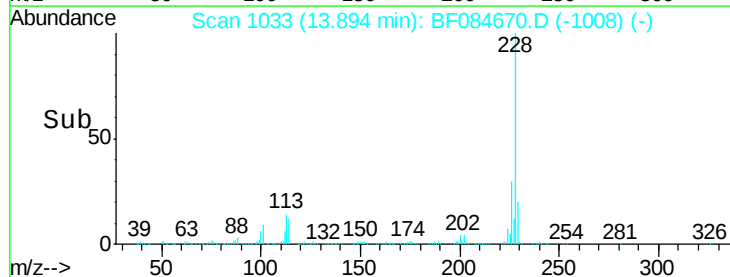
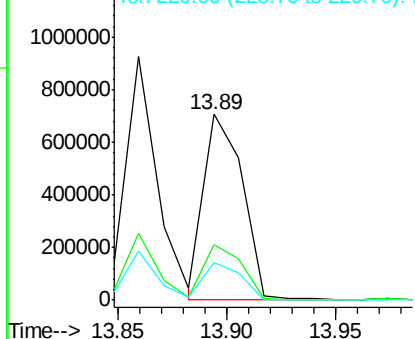


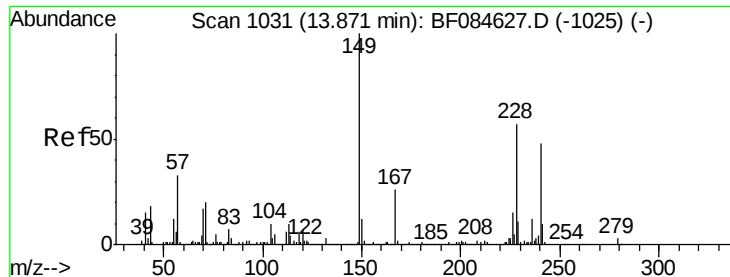
#82
 Chrysene
 Concen: 42.07 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF084670.D
 Acq: 30 Jan 2016 7:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.3	36.5
229	20.0	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

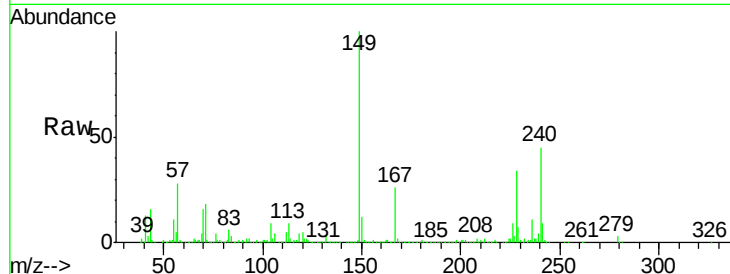




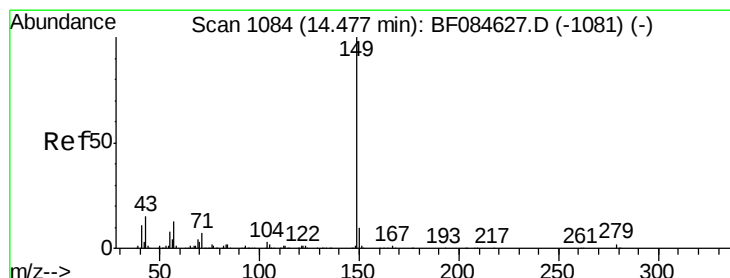
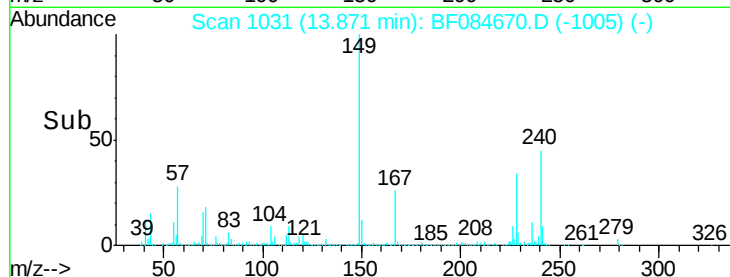
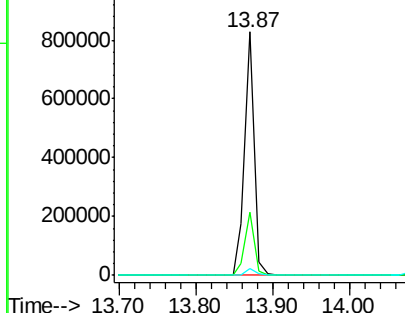
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.88 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BF084670.D
 Acq: 30 Jan 2016 7:55

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(20-23)MSD

Tgt Ion:149 Resp: 728068
 Ion Ratio Lower Upper
 149 100
 167 25.9 19.7 29.5
 279 2.9 1.8 2.6#

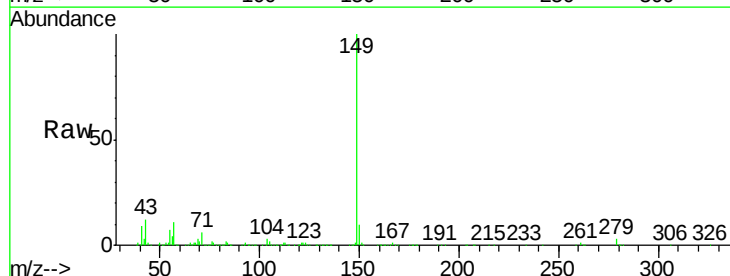


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

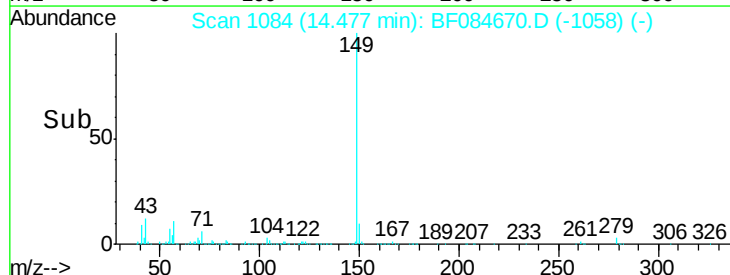
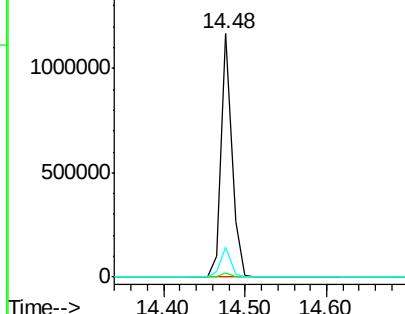


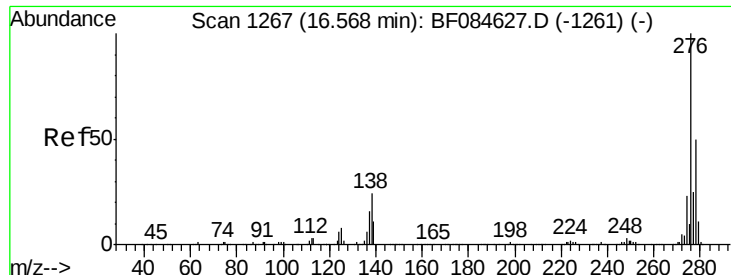
#84
 Di-n-octyl phthalate
 Concen: 48.19 ng
 RT: 14.48 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF084670.D
 Acq: 30 Jan 2016 7:55

Tgt Ion:149 Resp: 1068621
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.6 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

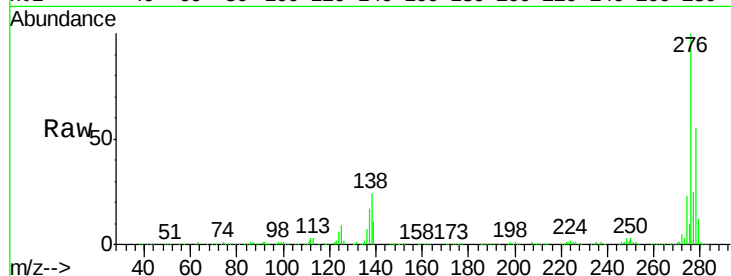




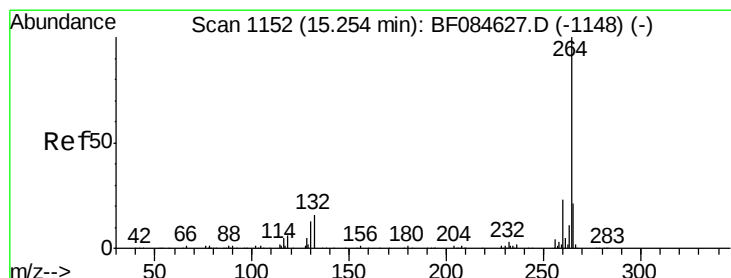
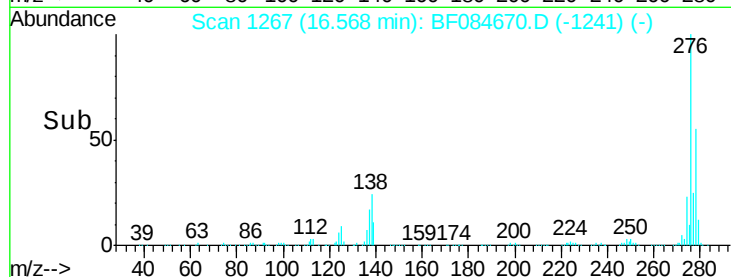
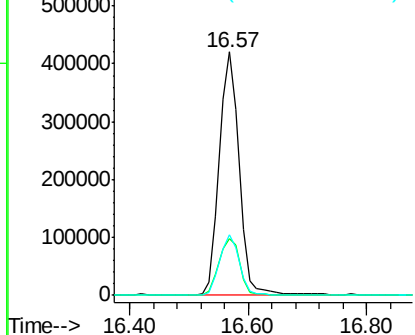
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.94 ng
 RT: 16.57 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: BF084670.D
 Acq: 30 Jan 2016 7:55

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(20-23)MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	20.6	30.8
277	24.7	20.1	30.1

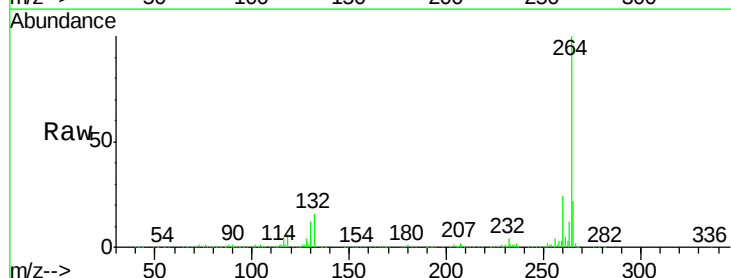


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

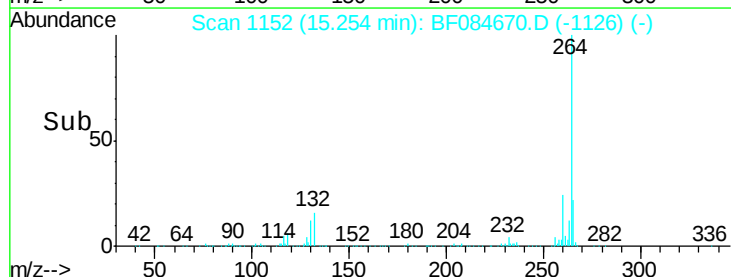
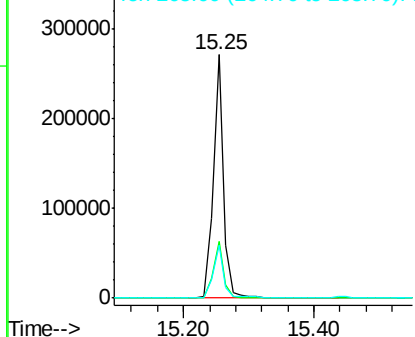


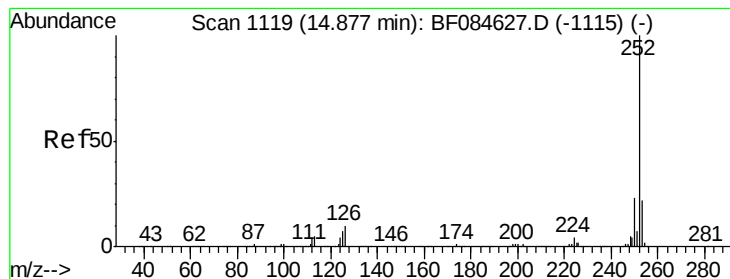
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.25 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF084670.D
 Acq: 30 Jan 2016 7:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.7	17.8	26.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 84.39 ng

RT: 14.90 min Scan# 1121

Delta R.T. 0.02 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MSD

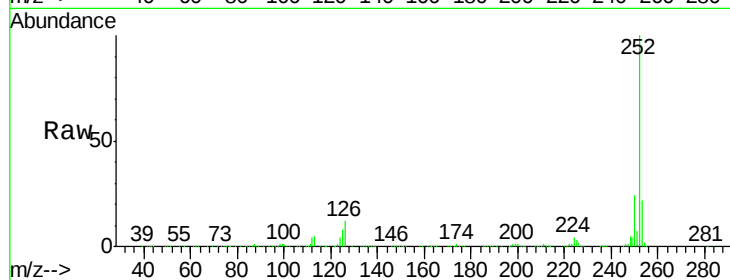
Tgt Ion:252 Resp: 1645049

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

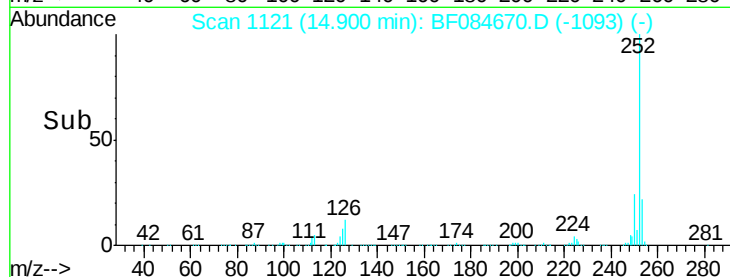
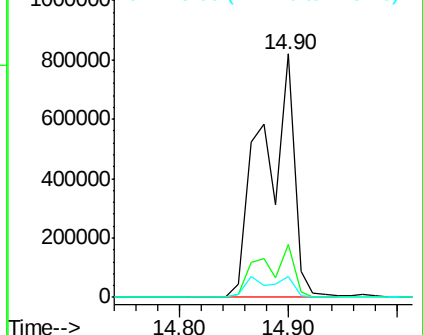
125 8.4 6.5 9.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 102.17 ng

RT: 14.90 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

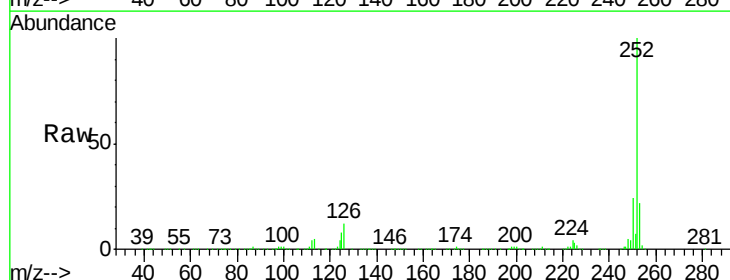
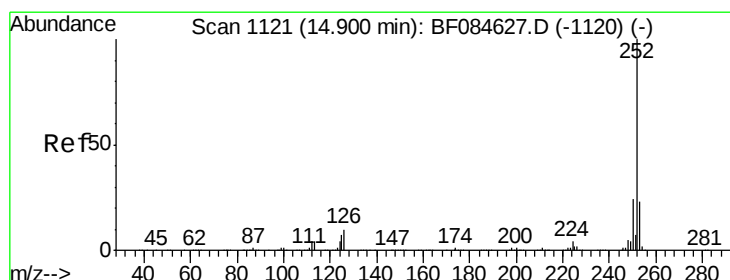
Tgt Ion:252 Resp: 1645049

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

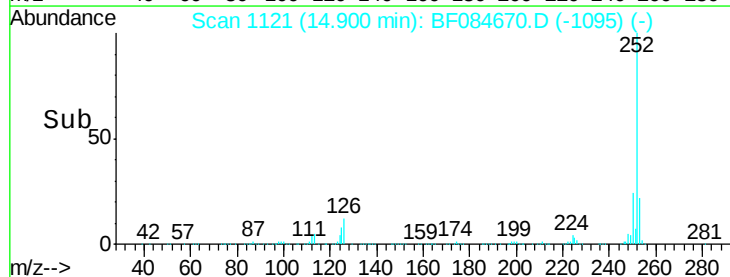
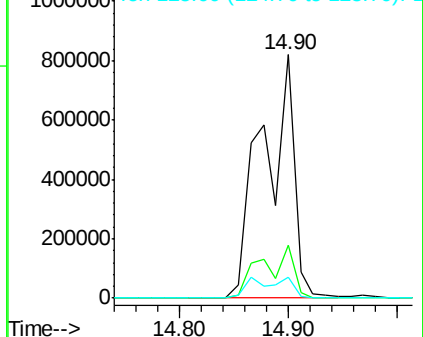
125 8.4 9.0 13.6#

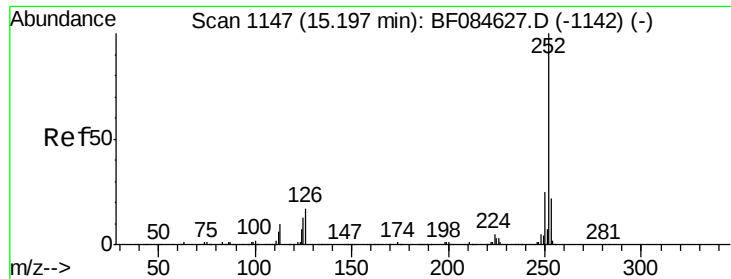


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 46.43 ng

RT: 15.20 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MSD

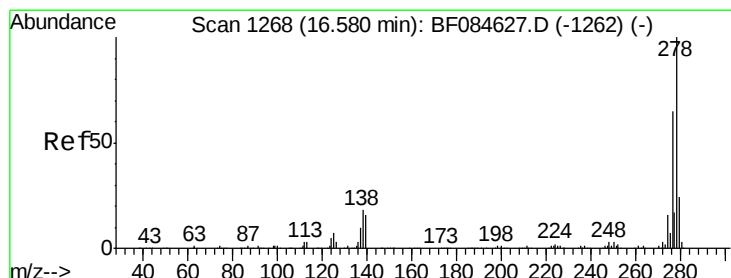
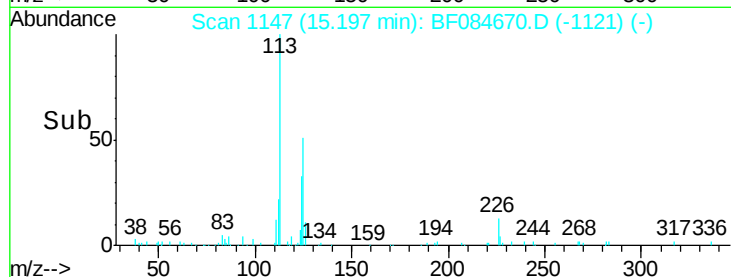
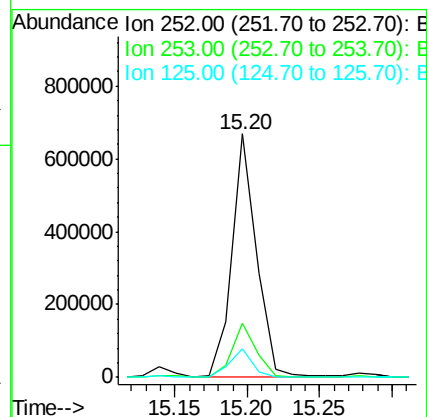
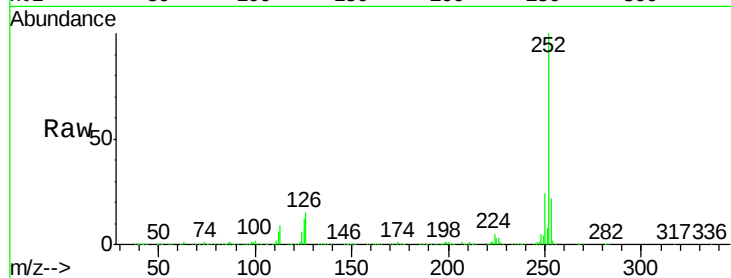
Tgt Ion:252 Resp: 782924

Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

125 11.9 7.0 10.4#



#90

Dibenzo(a,h)anthracene

Concen: 51.51 ng

RT: 16.58 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BF084670.D

Acq: 30 Jan 2016 7:55

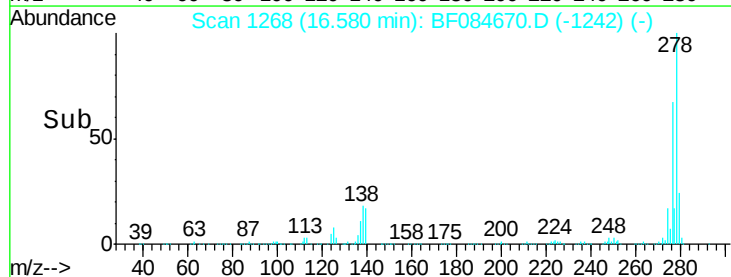
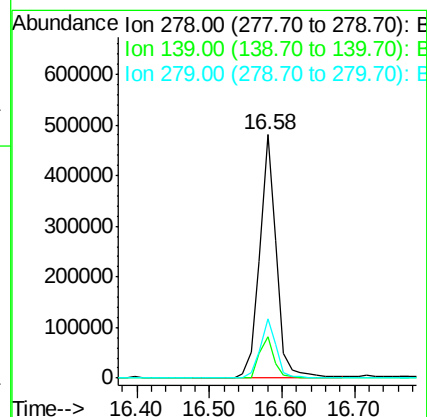
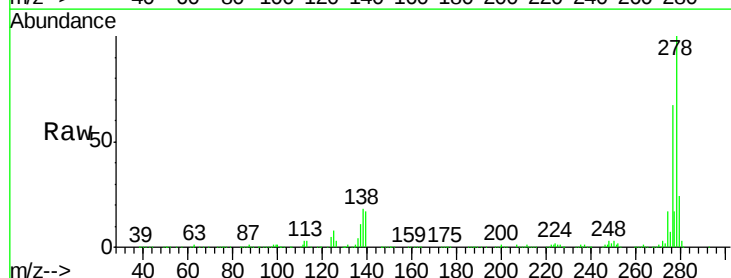
Tgt Ion:278 Resp: 782847

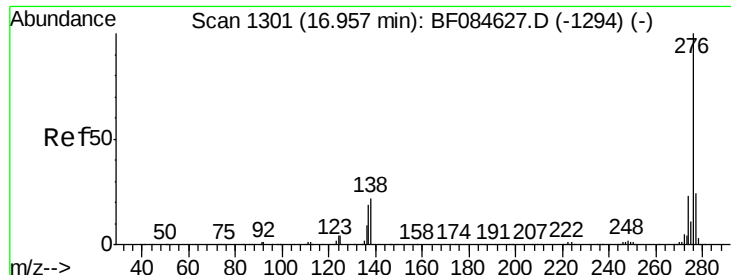
Ion Ratio Lower Upper

278 100

139 17.1 15.0 22.4

279 24.4 18.9 28.3

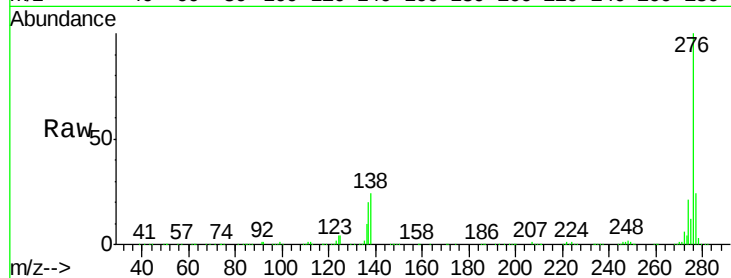




#91
 Benzo(g,h,i)perylene
 Concen: 56.19 ng
 RT: 16.96 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF084670.D
 Acq: 30 Jan 2016 7:55

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(20-23)MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	23.8	17.8	26.6



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

