

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
 Data File : BF084669.D
 Acq On : 30 Jan 2016 7:28
 Operator : SJ/IZ
 Sample : H1272-09MS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

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

Quant Time: Feb 01 00:20:22 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	173205	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	686875	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	326790	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	595906	20.00	ng	0.00
75) Chrysene-d12	13.87	240	413062	20.00	ng	0.00
86) Perylene-d12	15.25	264	334112	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	1125268	98.07	ng	0.01
7) Phenol-d6	6.37	99	1362375	99.06	ng	0.00
23) Nitrobenzene-d5	7.30	82	925244	75.28	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	393645	114.93	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1462568	66.52	ng	0.00
78) Terphenyl-d14	12.83	244	1280078	69.99	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.29	88	155401	29.04	ng	# 74
3) Pyridine	2.97	79	421535	29.57	ng	# 77
4) n-Nitrosodimethylamine	2.92	42	245558	35.23	ng	# 81
6) Aniline	6.38	93	413023	23.40	ng	# 19
8) 2-Chlorophenol	6.51	128	477603	37.53	ng	# 94
9) Benzaldehyde	6.27	77	24380	3.06	ng	# 94
10) Phenol	6.38	94	506809	33.07	ng	# 79
11) bis(2-Chloroethyl)ether	6.46	93	418094	35.07	ng	# 83
12) 1,3-Dichlorobenzene	6.90	146	454512	33.33	ng	# 99
13) 1,4-Dichlorobenzene	6.74	146	473138	35.35	ng	# 95
14) 1,2-Dichlorobenzene	6.90	146	454700	36.90	ng	# 95
15) Benzyl Alcohol	6.88	79	390795	41.75	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	7.01	45	714785	35.03	ng	# 86
17) 2-Methylphenol	7.00	107	369762	37.48	ng	# 93
18) Hexachloroethane	7.24	117	183587	35.07	ng	# 82
19) n-Nitroso-di-n-propylamine	7.15	70	338563	40.30	ng	# 79
20) 3+4-Methylphenols	7.15	107	452704	37.81	ng	# 82
22) Acetophenone	7.14	105	644900	35.95	ng	# 99
24) Nitrobenzene	7.31	77	470231	36.00	ng	# 94
25) Isophorone	7.55	82	859986	37.35	ng	# 97
26) 2-Nitrophenol	7.63	139	254630	40.99	ng	# 87
27) 2,4-Dimethylphenol	7.68	122	398605	36.62	ng	# 95
28) bis(2-Chloroethoxy)methane	7.77	93	525925	38.06	ng	# 99
29) 2,4-Dichlorophenol	7.88	162	376908	39.59	ng	# 92
30) 1,2,4-Trichlorobenzene	7.95	180	378131	34.73	ng	# 97
31) Naphthalene	8.03	128	1233225	35.57	ng	# 99
32) Benzoic acid	7.76	122	39578	4.74	ng	# 94
33) 4-Chloroaniline	8.09	127	213536	15.14	ng	# 94
34) Hexachlorobutadiene	8.16	225	233871	36.35	ng	# 96
35) Caprolactam	8.45	113	75478	27.62	ng	# 54
36) 4-Chloro-3-methylphenol	8.58	107	403426	38.48	ng	# 94
37) 2-Methylnaphthalene	8.73	142	918433	43.15	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	336866	31.79	ng	# 98
40) Hexachlorocyclopentadiene	8.88	237	351097	72.86	ng	# 97

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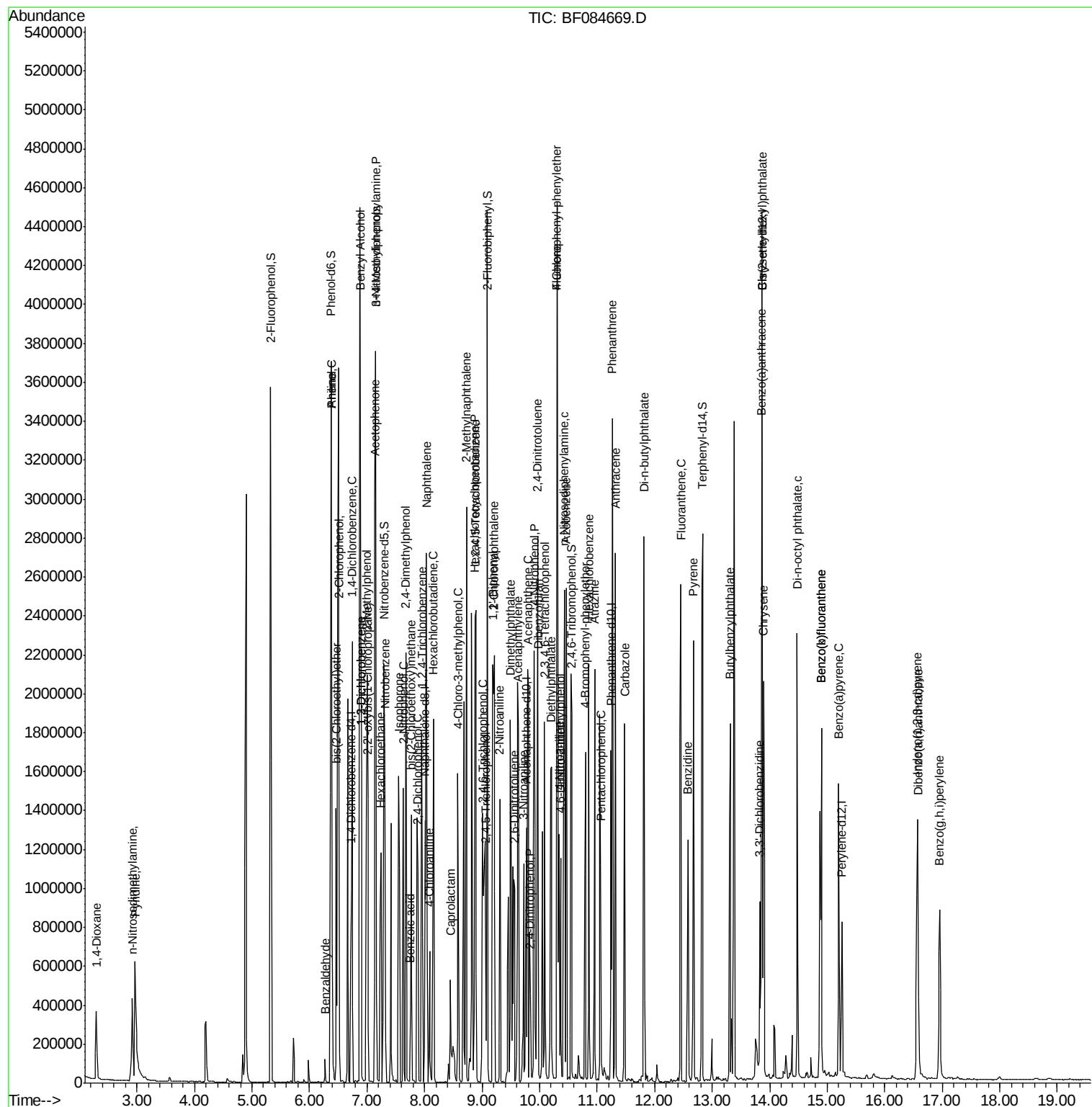
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	252050	38.29	ng	96
43) 2,4,5-Trichlorophenol	9.06	196	263019	38.70	ng	94
45) 1,1'-Biphenyl	9.18	154	1020794	34.08	ng	97
46) 2-Chloronaphthalene	9.21	162	747481	34.21	ng	96
47) 2-Nitroaniline	9.31	65	242530	36.96	ng	97
48) Acenaphthylene	9.63	152	1205662	36.42	ng	99
49) Dimethylphthalate	9.49	163	1073669	43.78	ng	# 89
50) 2,6-Dinitrotoluene	9.56	165	216478	40.11	ng	95
51) Acenaphthene	9.80	154	840458	37.91	ng	97
52) 3-Nitroaniline	9.72	138	147117	26.09	ng	92
53) 2,4-Dinitrophenol	9.84	184	128917	48.41	ng	# 79
54) Dibenzofuran	9.97	168	1073746	40.58	ng	98
55) 4-Nitrophenol	9.90	139	361109	87.18	ng	87
56) 2,4-Dinitrotoluene	9.96	165	294341	41.98	ng	92
57) Fluorene	10.30	166	806925	35.98	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	211828	41.22	ng	94
59) Diethylphthalate	10.20	149	903064	37.61	ng	95
60) 4-Chlorophenyl-phenylether	10.30	204	377260	37.47	ng	98
61) 4-Nitroaniline	10.34	138	230153	43.12	ng	91
62) Azobenzene	10.46	77	978947	42.60	ng	91
64) 4,6-Dinitro-2-methylphenol	10.36	198	135509	34.82	ng	# 60
65) n-Nitrosodiphenylamine	10.43	169	787740	40.77	ng	98
66) 4-Bromophenyl-phenylether	10.80	248	258791	38.56	ng	96
67) Hexachlorobenzene	10.85	284	261621	35.84	ng	# 87
68) Atrazine	10.96	200	215974	37.31	ng	98
69) Pentachlorophenol	11.06	266	275897	78.23	ng	97
70) Phenanthrene	11.26	178	1216201	36.91	ng	97
71) Anthracene	11.32	178	1335383	39.86	ng	100
72) Carbazole	11.48	167	1138045	39.41	ng	97
73) Di-n-butylphthalate	11.81	149	1302210	37.08	ng	# 96
74) Fluoranthene	12.45	202	1366725	41.95	ng	94
76) Benzidine	12.58	184	501910	31.95	ng	99
77) Pyrene	12.67	202	1299692	41.72	ng	99
79) Butylbenzylphthalate	13.31	149	563209	42.32	ng	# 85
80) Benzo(a)anthracene	13.86	228	960523	37.30	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	192320	21.23	ng	# 95
82) Chrysene	13.89	228	882959	34.79	ng	100
83) Bis(2-ethylhexyl)phthalate	13.87	149	724794	41.98	ng	# 97
84) Di-n-octyl phthalate	14.48	149	1076789	39.47	ng	# 88
85) Indeno(1,2,3-cd)pyrene	16.57	276	786076	35.03	ng	99
87) Benzo(b)fluoranthene	14.90	252	1563474	72.27	ng	99
88) Benzo(k)fluoranthene	14.90	252	1563474	87.49	ng	# 97
89) Benzo(a)pyrene	15.20	252	725413	38.76	ng	# 96
90) Dibenzo(a,h)anthracene	16.58	278	651094	38.60	ng	# 96
91) Benzo(g,h,i)perylene	16.96	276	686551	40.32	ng	99

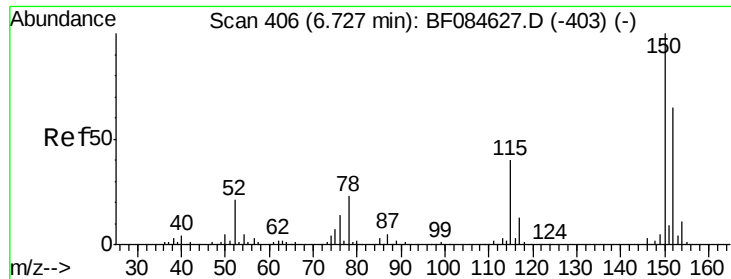
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MS

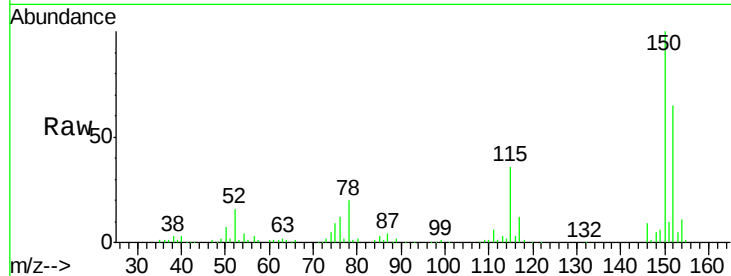
Tgt Ion:152 Resp: 173205

Ion Ratio Lower Upper

152 100

150 154.6 123.0 184.4

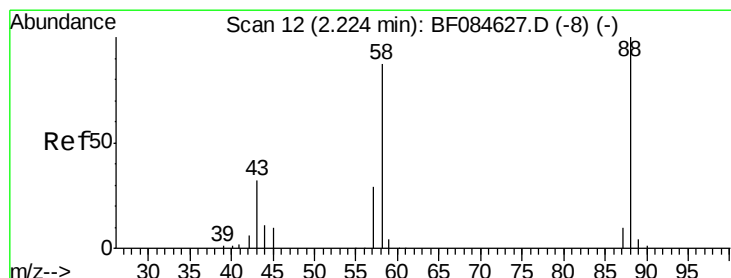
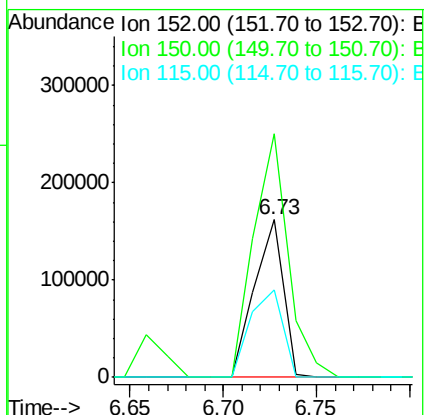
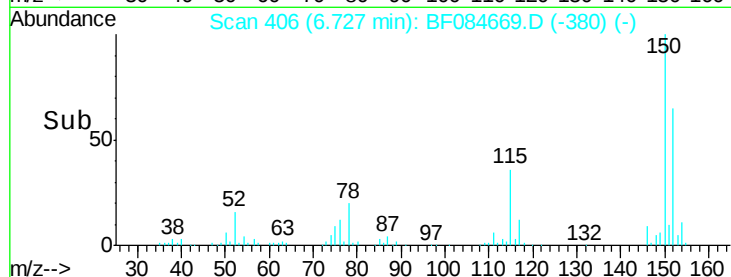
115 55.9 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.04 ng

RT: 2.29 min Scan# 18

Delta R.T. 0.07 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

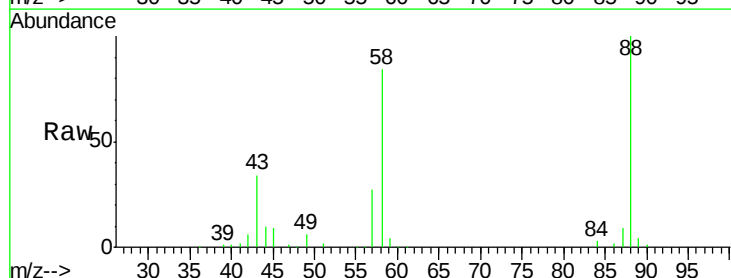
Tgt Ion: 88 Resp: 155401

Ion Ratio Lower Upper

88 100

58 86.0 51.2 76.8#

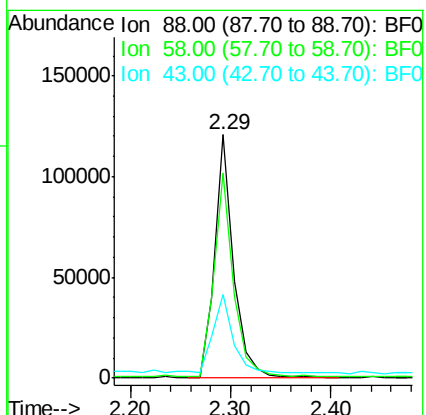
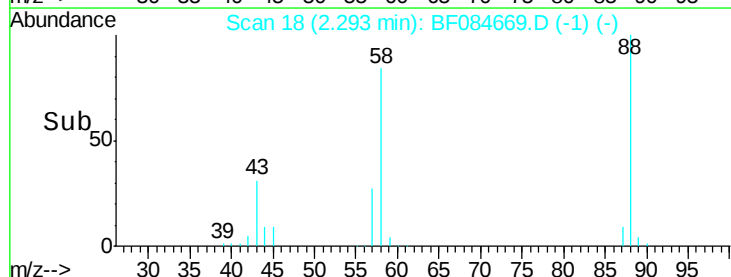
43 34.6 19.5 29.3#

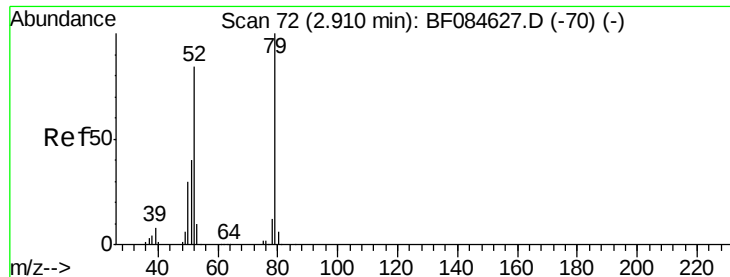


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 29.57 ng

RT: 2.97 min Scan# 77

Delta R.T. 0.06 min

Lab File: BF084669.D

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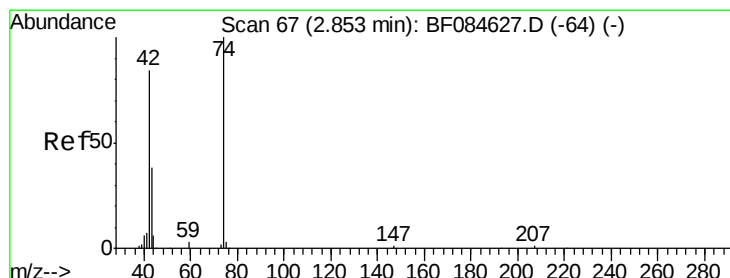
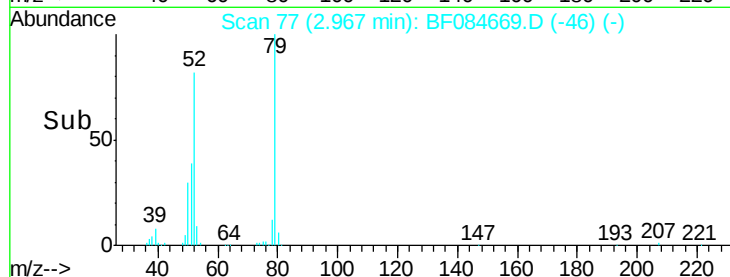
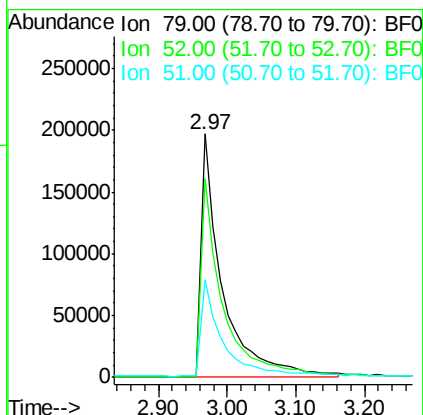
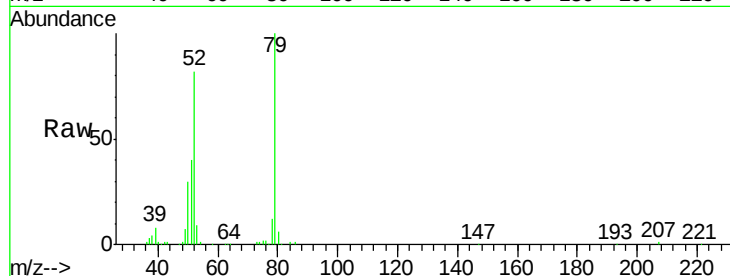
Tgt Ion: 79 Resp: 421535

Ion Ratio Lower Upper

79 100

52 81.7 49.0 73.4#

51 40.1 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 35.23 ng

RT: 2.92 min Scan# 73

Delta R.T. 0.07 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

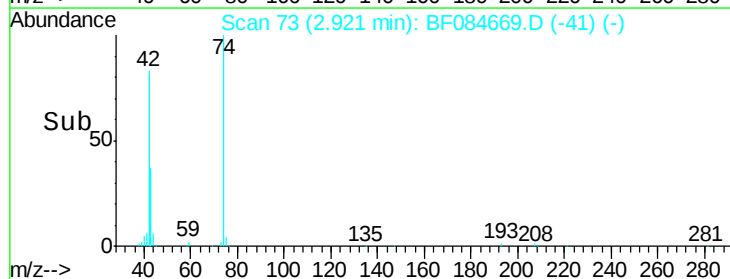
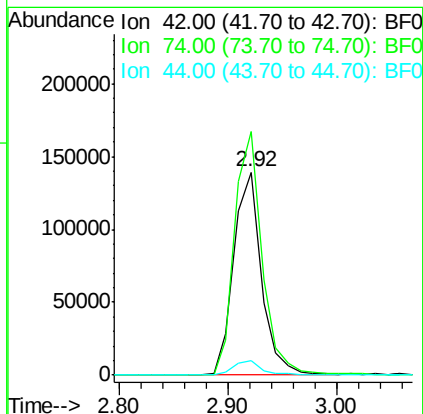
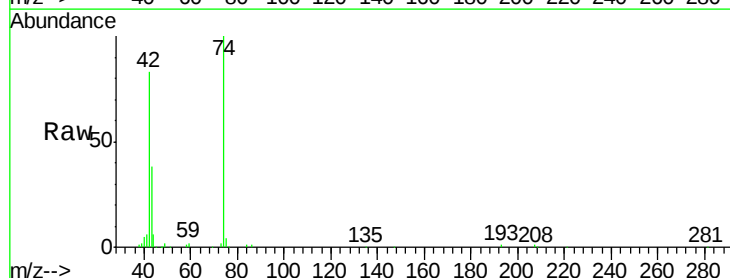
Tgt Ion: 42 Resp: 245558

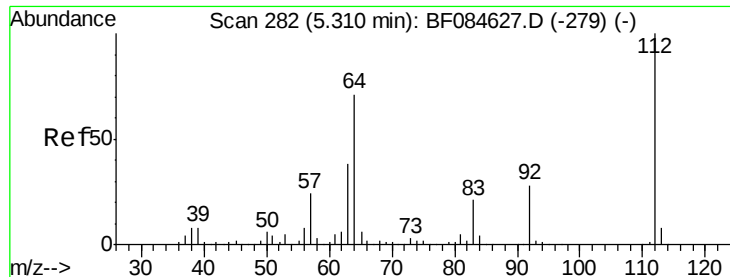
Ion Ratio Lower Upper

42 100

74 119.9 115.7 173.5

44 6.9 5.1 7.7





#5

2-Fluorophenol

Concen: 98.07 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF084669.D

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Instrument :

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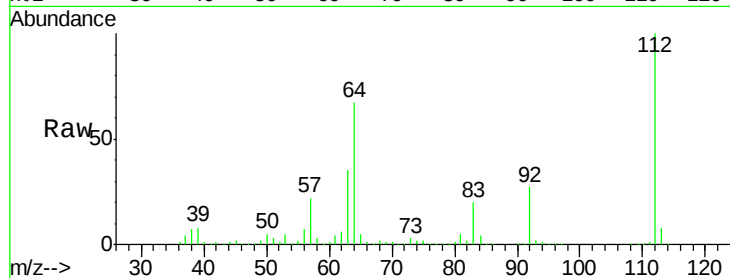
Tgt Ion: 112 Resp: 1125268

Ion Ratio Lower Upper

112 100

64 67.1 36.6 55.0#

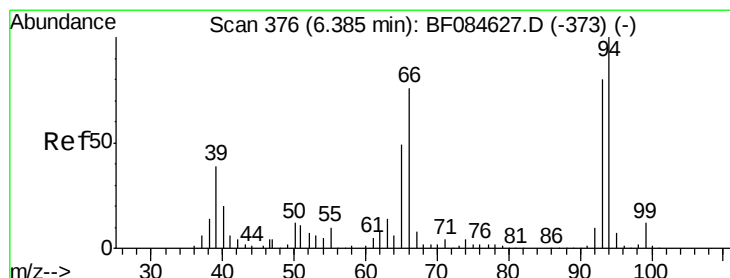
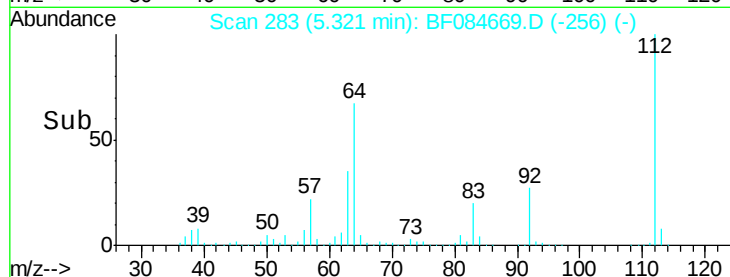
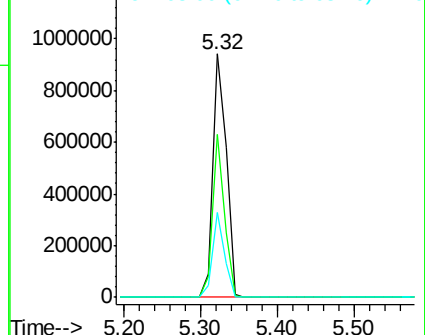
63 34.8 19.4 29.0#



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: 23.40 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

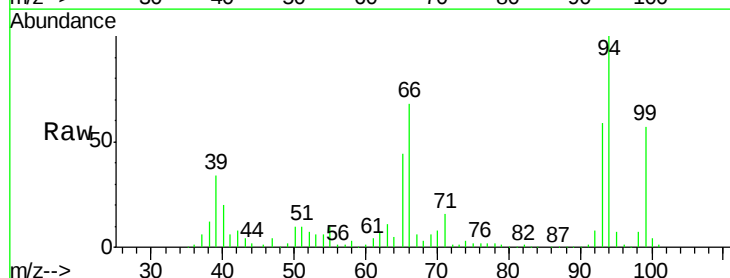
Tgt Ion: 93 Resp: 413023

Ion Ratio Lower Upper

93 100

66 113.9 44.9 67.3#

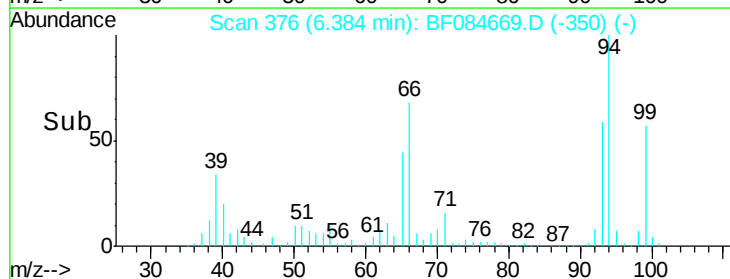
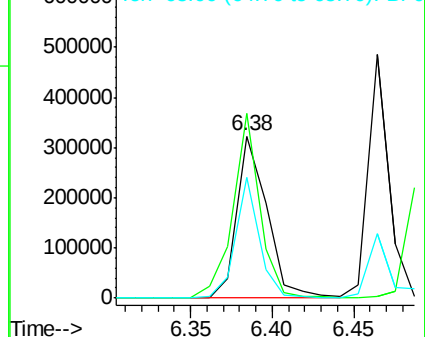
65 74.7 23.7 35.5#

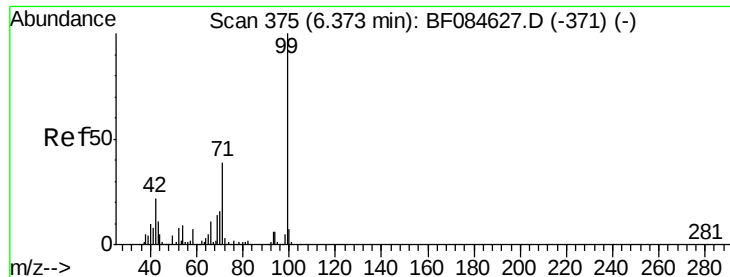


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 99.06 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

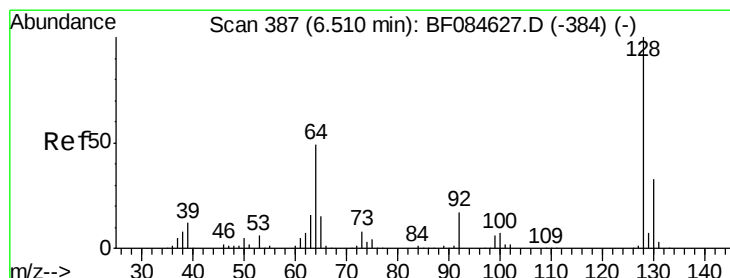
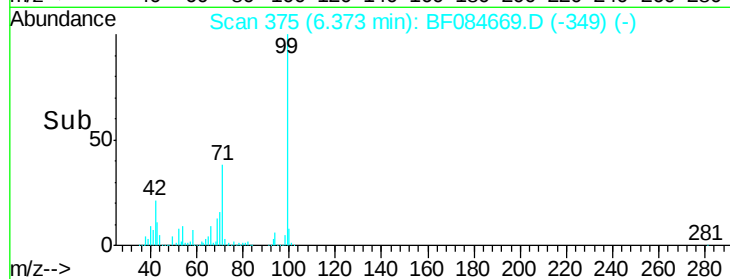
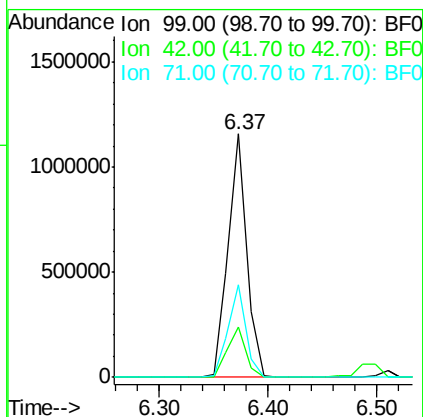
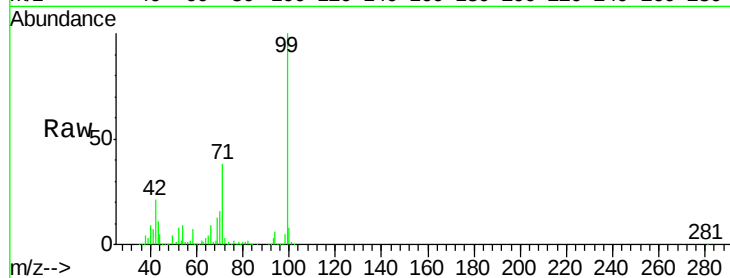
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Tgt Ion: 99 Resp: 1362375

Ion	Ratio	Lower	Upper
99	100		
42	20.8	12.8	19.2#
71	38.2	30.9	46.3



#8

2-Chlorophenol

Concen: 37.53 ng

RT: 6.51 min Scan# 387

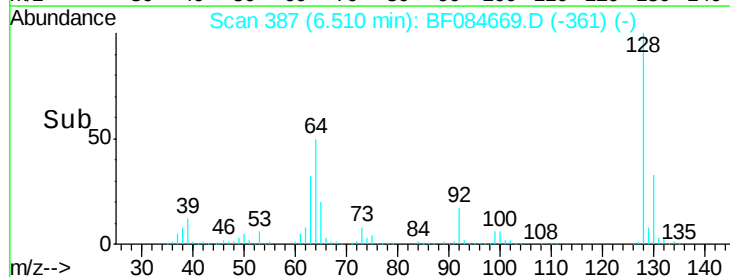
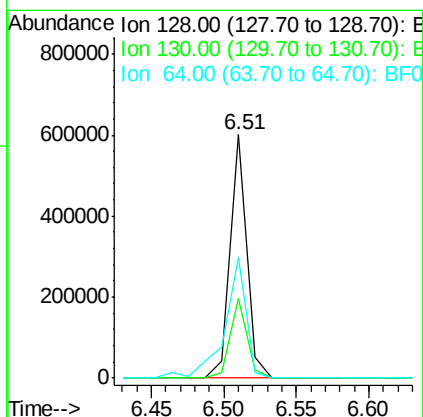
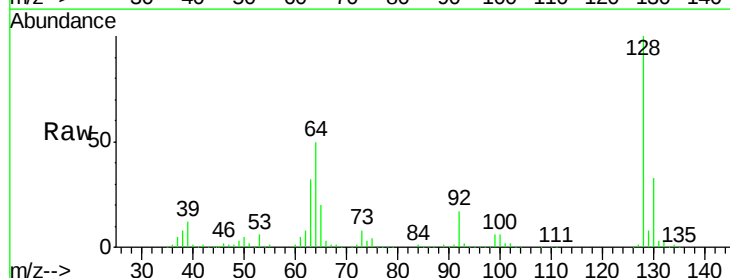
Delta R.T. -0.00 min

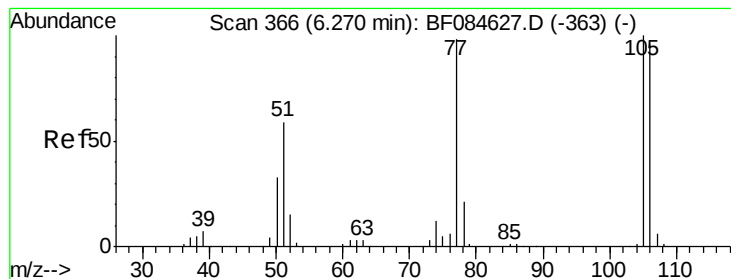
Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Tgt Ion: 128 Resp: 477603

Ion	Ratio	Lower	Upper
128	100		
130	33.0	11.6	51.6
64	49.6	23.8	63.8





#9

Benzaldehyde

Concen: 3.06 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.00 min

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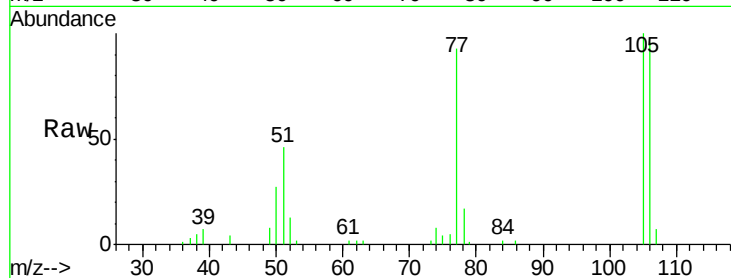
Tgt Ion: 77 Resp: 24380

Ion Ratio Lower Upper

77 100

105 107.2 83.0 123.0

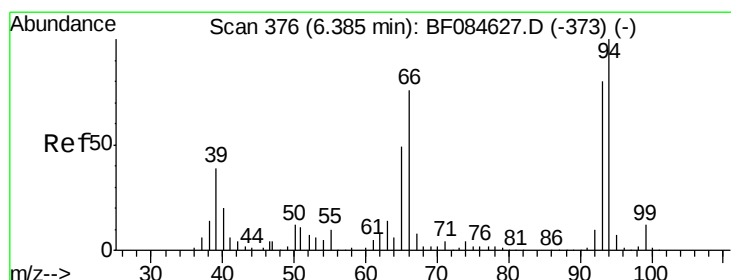
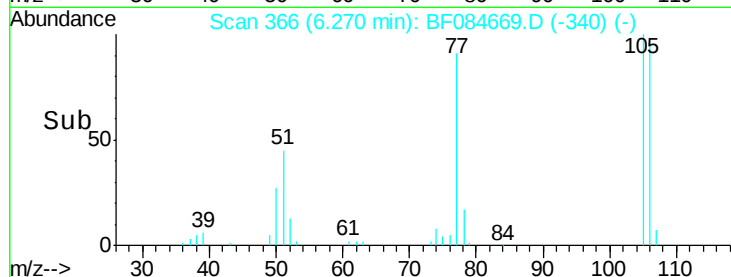
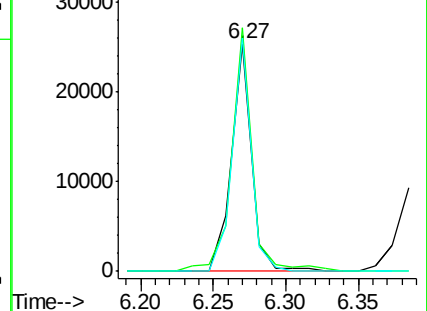
106 102.6 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 33.07 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

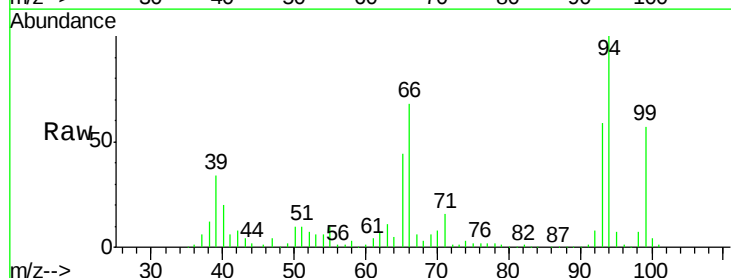
Tgt Ion: 94 Resp: 506809

Ion Ratio Lower Upper

94 100

65 44.3 12.9 52.9

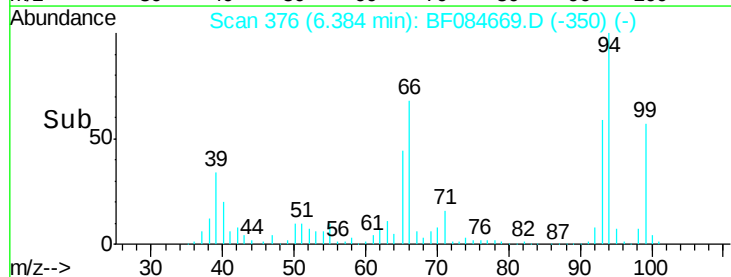
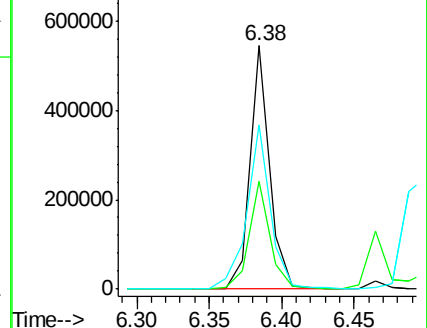
66 67.5 32.7 72.7

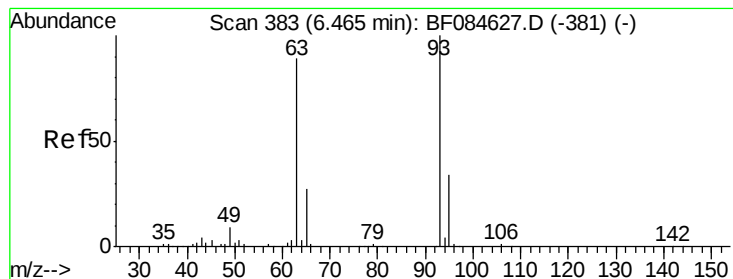


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.07 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MS

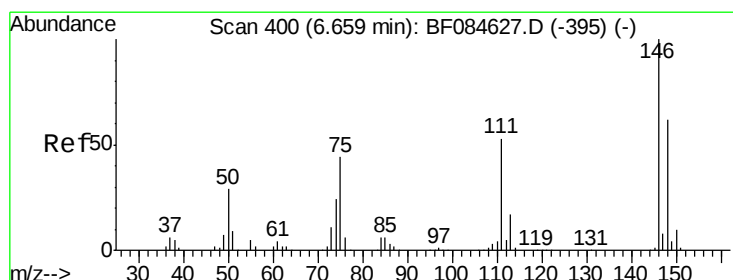
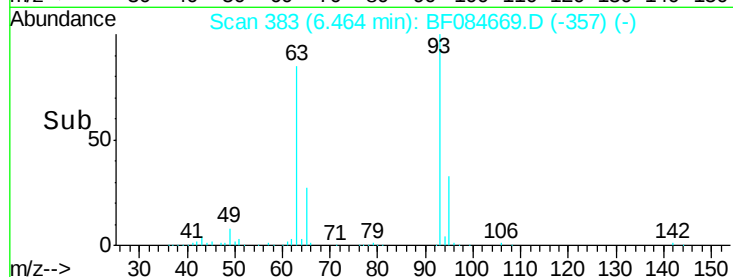
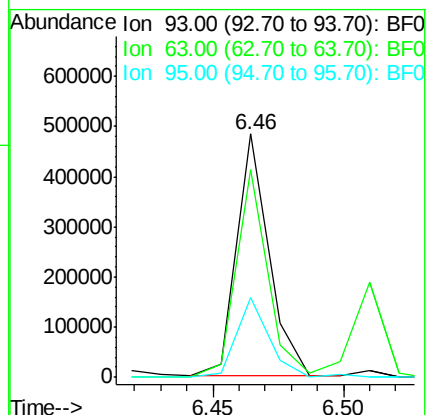
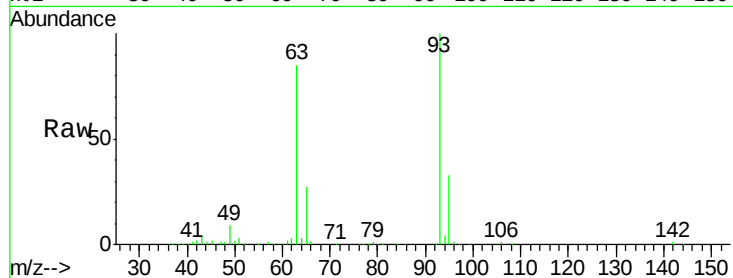
Tgt Ion: 93 Resp: 418094

Ion Ratio Lower Upper

93 100

63 85.2 45.9 85.9

95 32.6 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 33.33 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.24 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

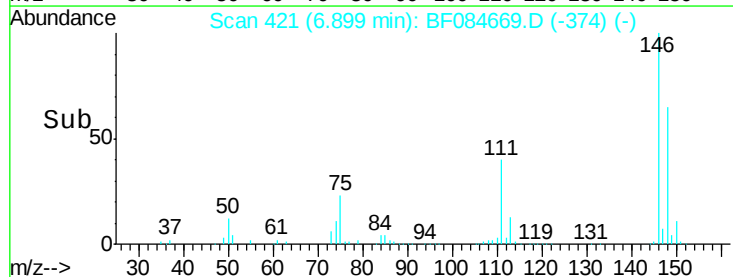
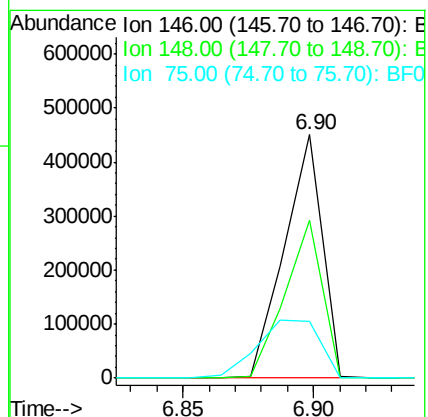
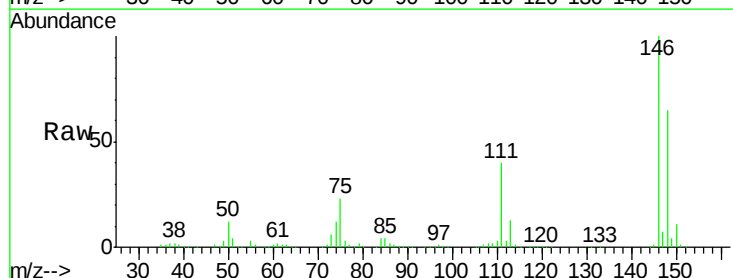
Tgt Ion: 146 Resp: 454512

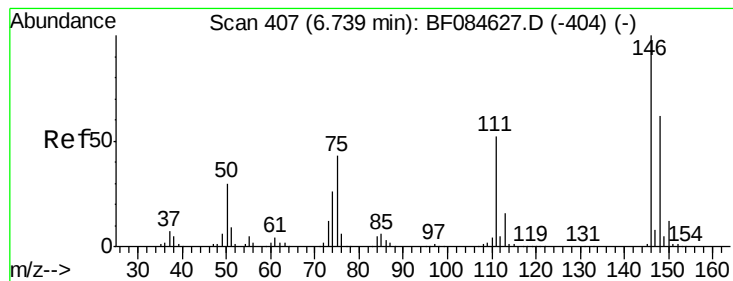
Ion Ratio Lower Upper

146 100

148 64.7 51.9 77.9

75 23.3 20.5 30.7





#13

1,4-Dichlorobenzene

Concen: 35.35 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MS

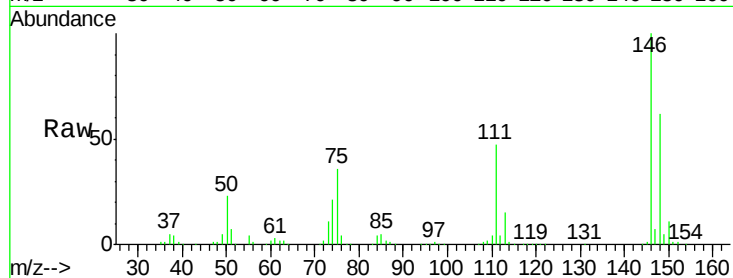
Tgt Ion:146 Resp: 473138

Ion Ratio Lower Upper

146 100

148 62.2 51.9 77.9

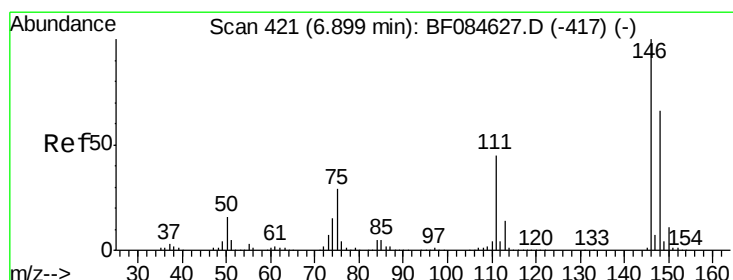
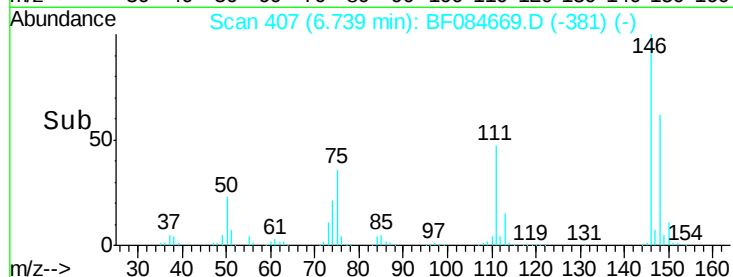
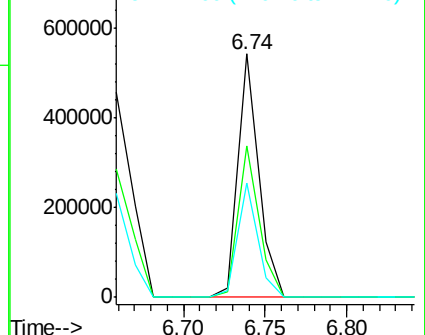
111 46.9 41.6 62.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.90 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

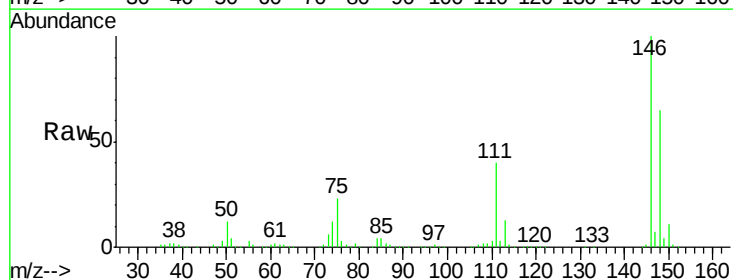
Tgt Ion:146 Resp: 454700

Ion Ratio Lower Upper

146 100

148 64.7 51.6 77.4

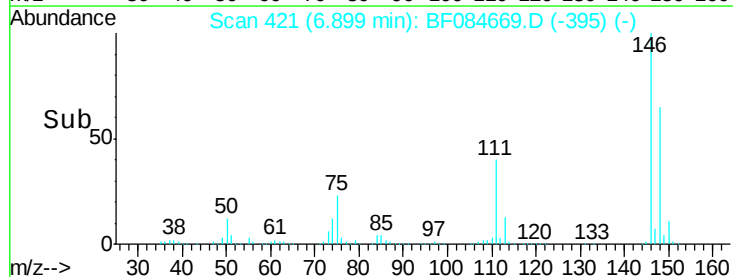
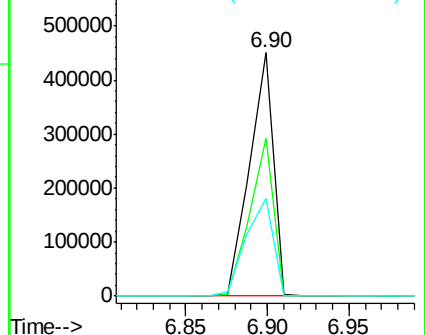
111 40.2 38.0 57.0

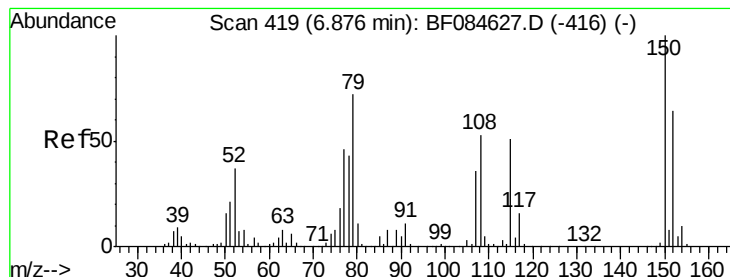


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.75 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MS

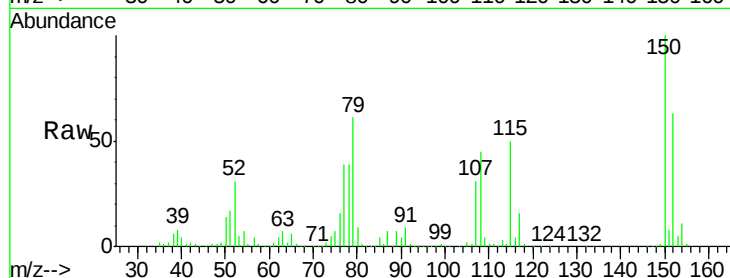
Tgt Ion: 79 Resp: 390795

Ion Ratio Lower Upper

79 100

108 74.4 69.0 103.4

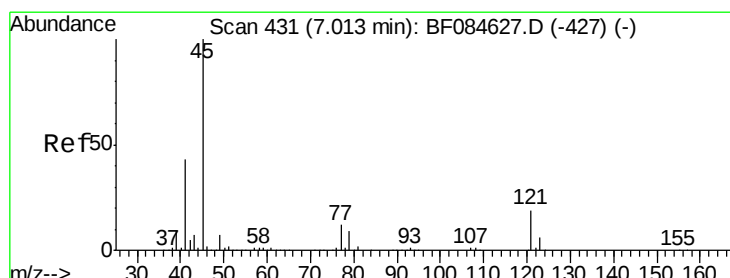
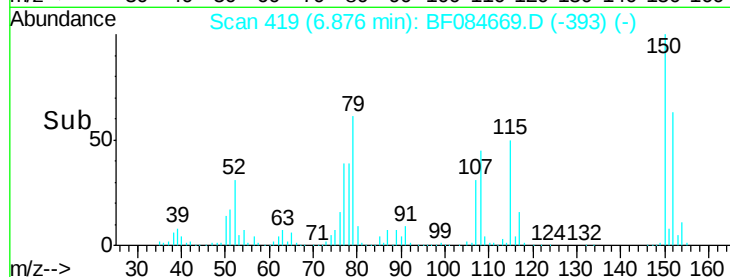
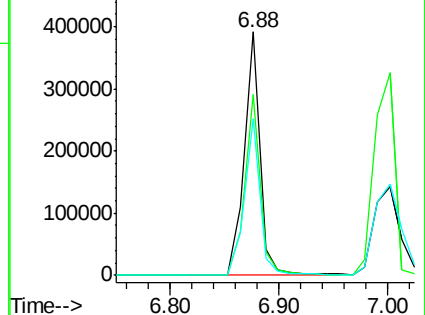
77 64.5 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.03 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

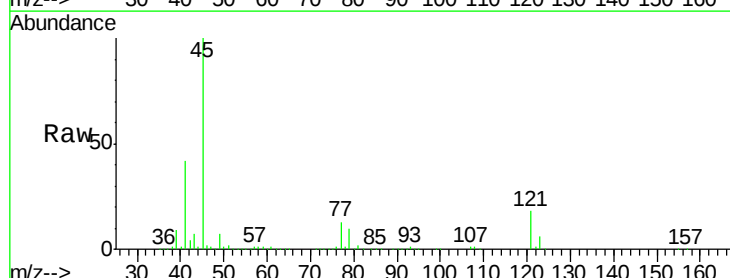
Tgt Ion: 45 Resp: 714785

Ion Ratio Lower Upper

45 100

77 12.6 0.0 39.6

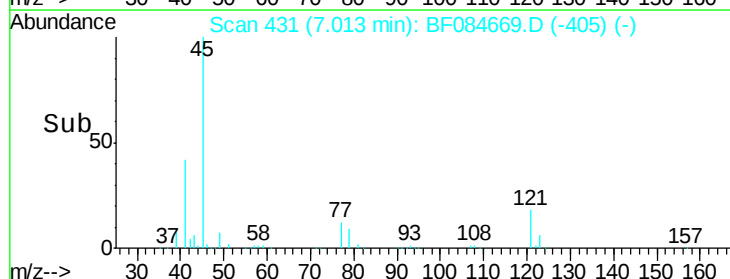
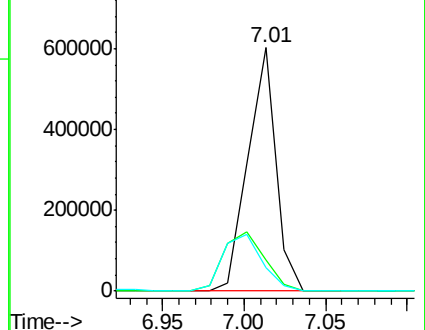
79 9.6 0.0 35.0

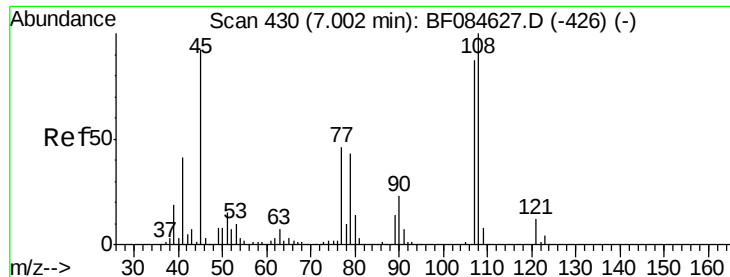


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

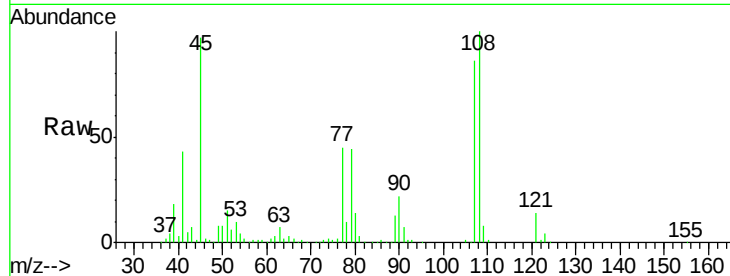




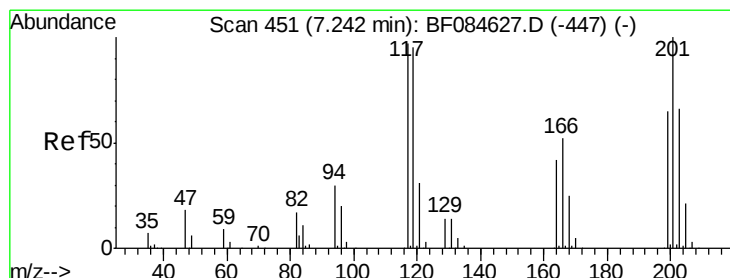
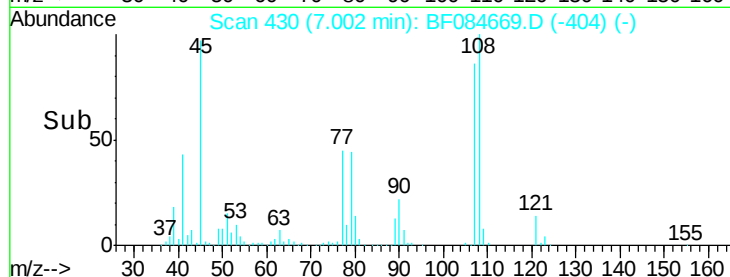
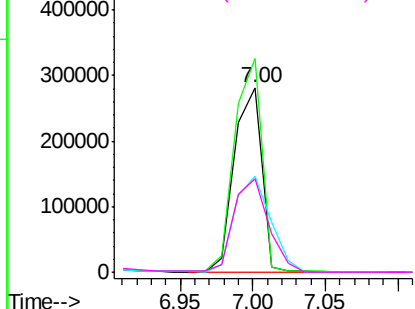
#17
2-Methylphenol
Concen: 37.48 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

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

Tgt Ion:107 Resp: 369762
Ion Ratio Lower Upper
107 100
108 115.8 89.8 134.6
77 52.3 35.7 53.5
79 50.5 35.7 53.5

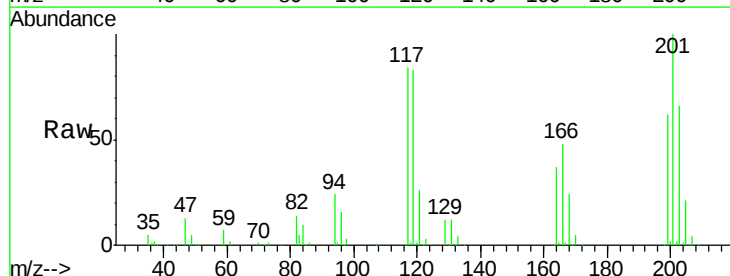


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

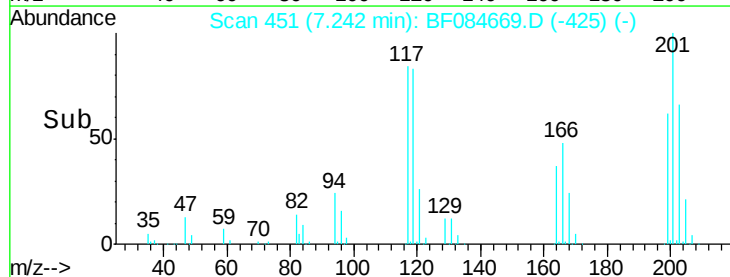
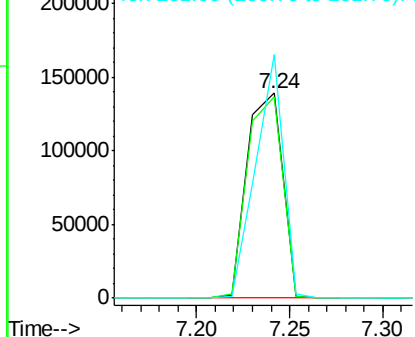


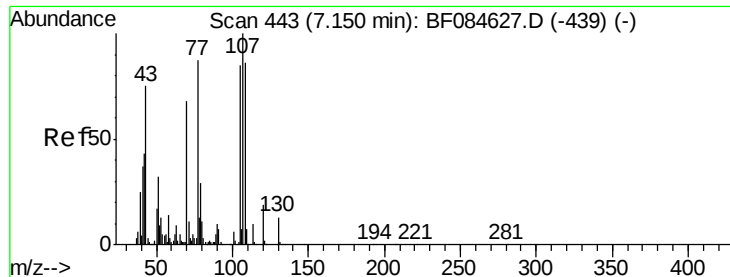
#18
Hexachloroethane
Concen: 35.07 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Tgt Ion:117 Resp: 183587
Ion Ratio Lower Upper
117 100
119 98.6 77.4 116.0
201 118.8 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

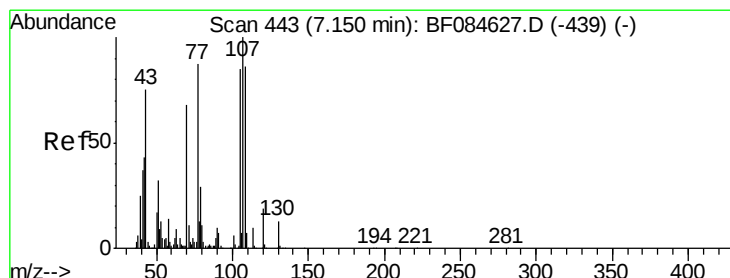
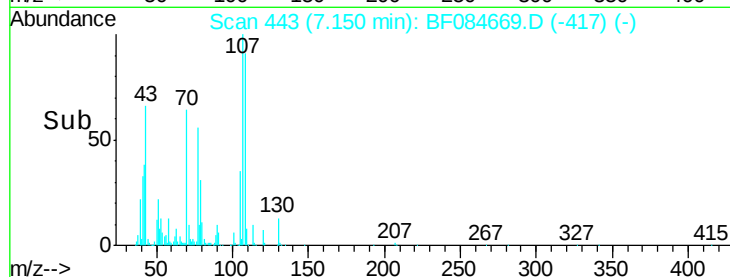
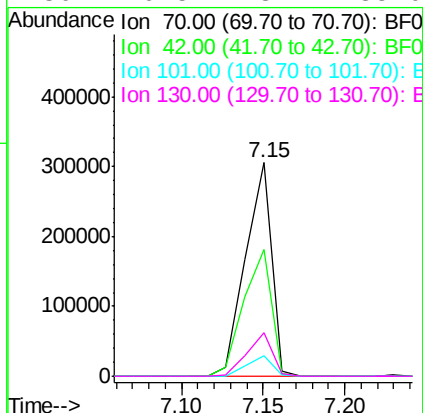
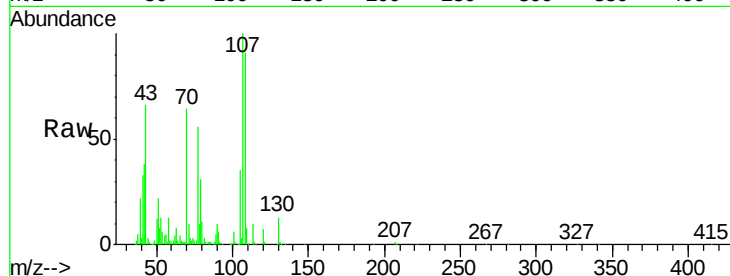




#19
n-Nitroso-di-n-propylamine
Concen: 40.30 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

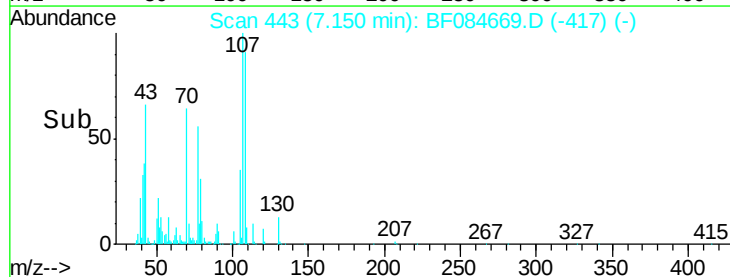
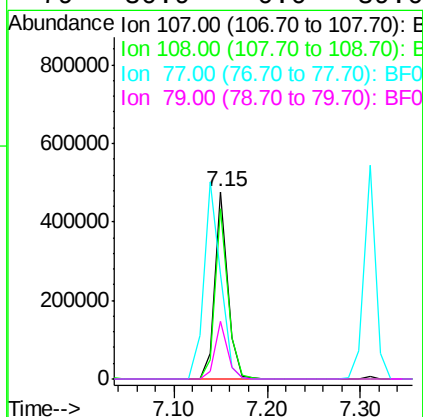
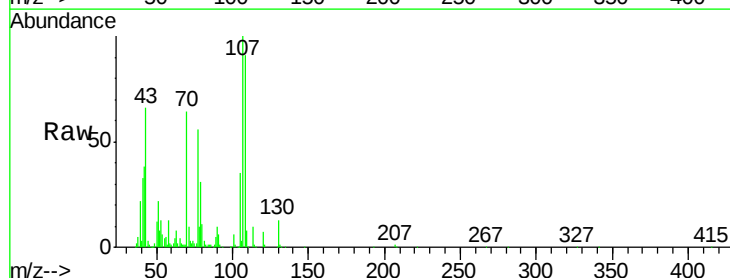
Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)MS

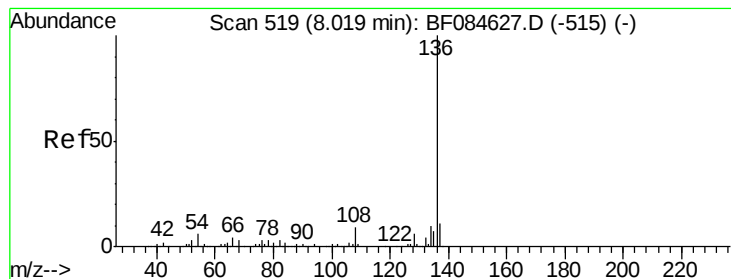
Tgt Ion: 70 Resp: 338563
Ion Ratio Lower Upper
70 100
42 59.6 33.3 49.9#
101 9.4 9.3 13.9
130 20.5 23.4 35.0#



#20
3+4-Methylphenols
Concen: 37.81 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Tgt Ion: 107 Resp: 452704
Ion Ratio Lower Upper
107 100
108 91.2 74.6 114.6
77 55.9 0.7 40.7#
79 30.9 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: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MS

Tgt Ion:136 Resp: 686875

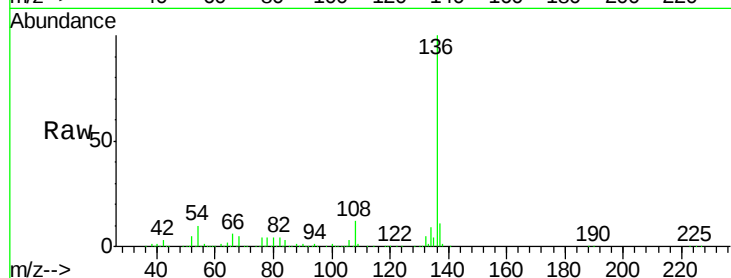
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 10.2 5.8 8.8#

68 5.4 4.2 6.2

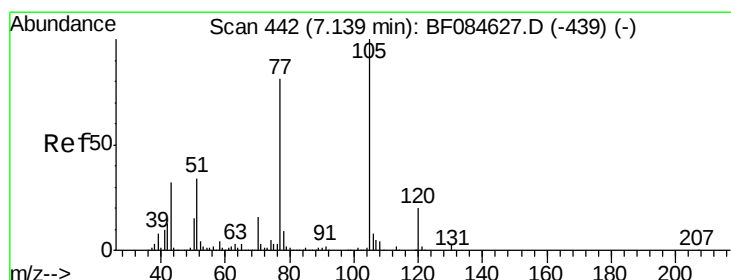
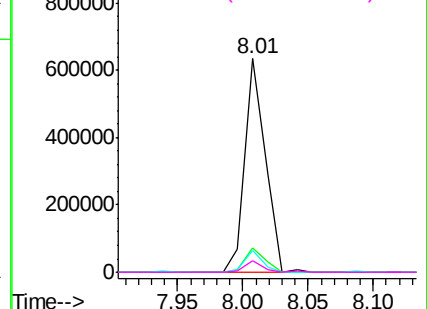
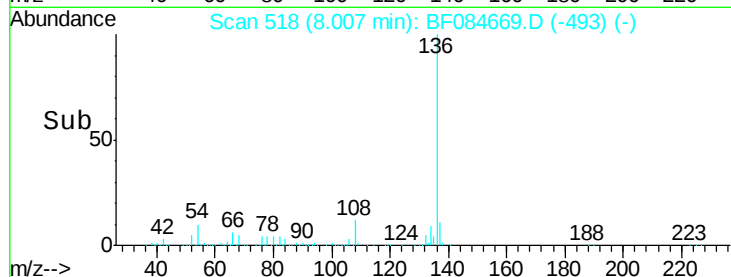


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 35.95 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Tgt Ion:105 Resp: 644900

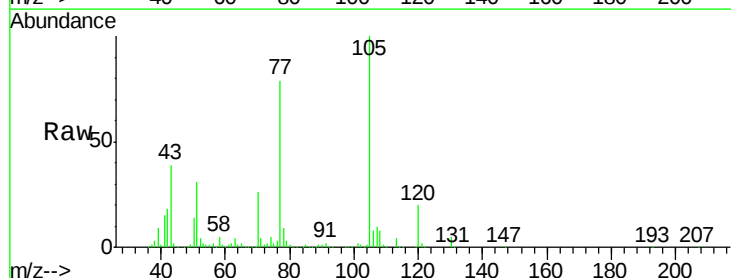
Ion Ratio Lower Upper

105 100

71 4.2 3.7 5.5

51 31.2 25.1 37.7

120 20.1 16.6 25.0

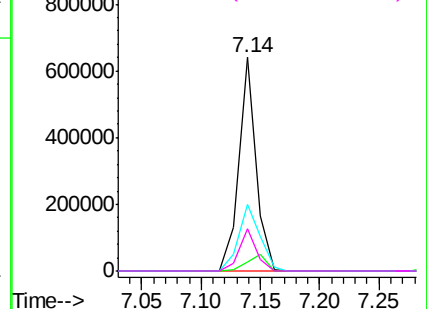
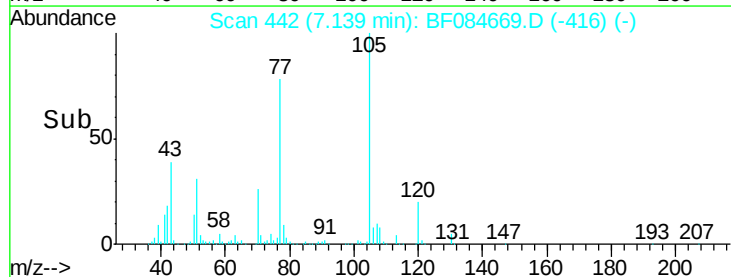


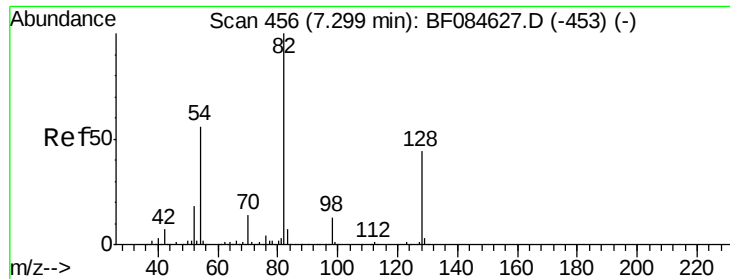
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

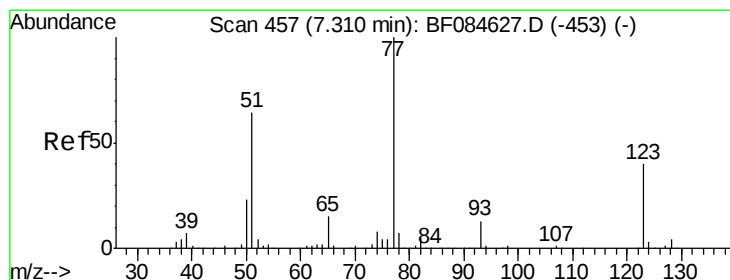
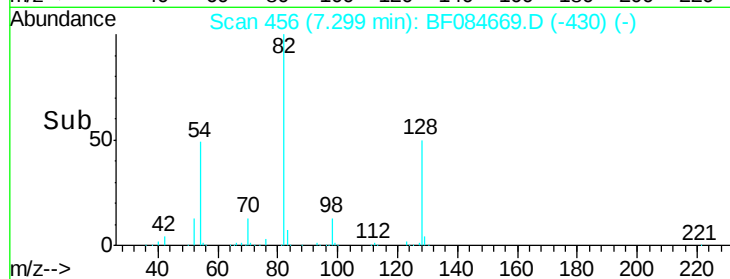
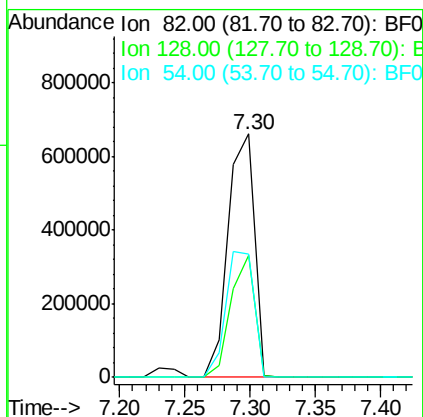
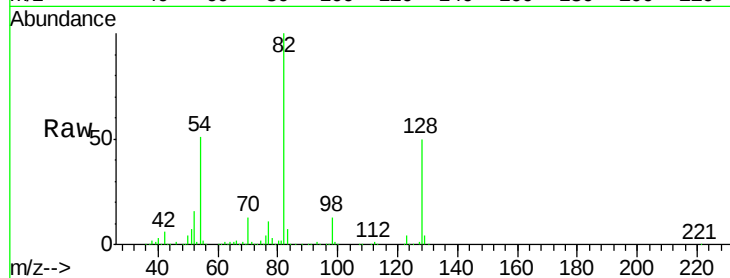




#23
 Nitrobenzene-d5
 Concen: 75.28 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF084669.D
 Acq: 30 Jan 2016 7:28

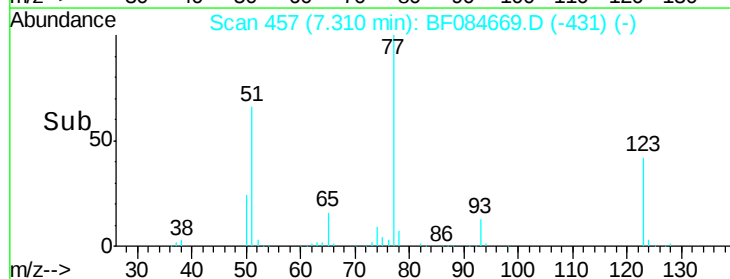
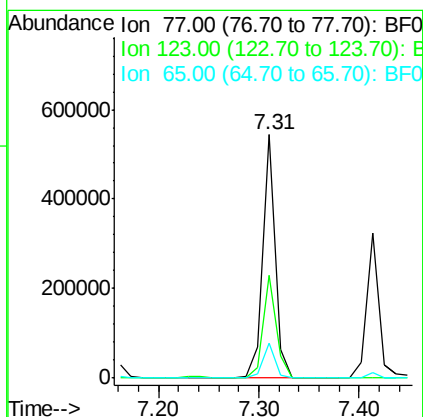
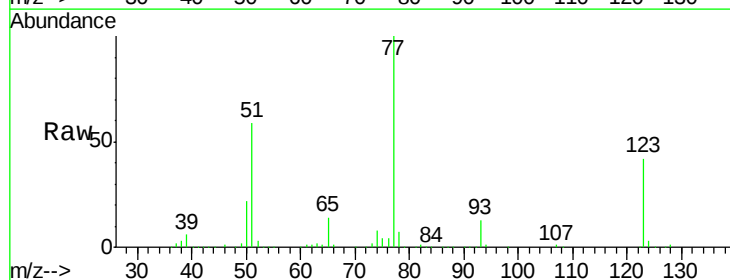
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(20-23)MS

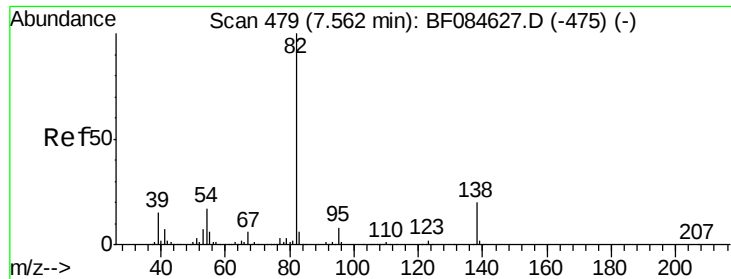
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.9	34.6	51.8
54	50.9	38.4	57.6



#24
 Nitrobenzene
 Concen: 36.00 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: BF084669.D
 Acq: 30 Jan 2016 7:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.2	37.4	56.2
65	14.2	10.9	16.3





#25

Isophorone

Concen: 37.35 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MS

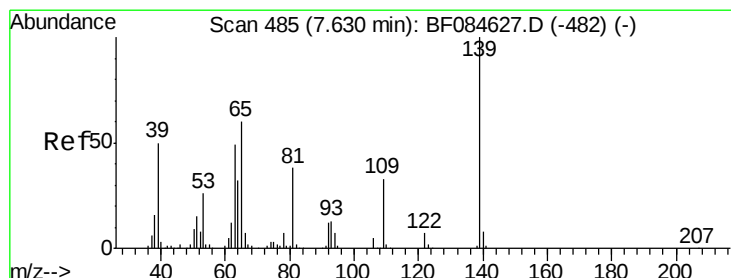
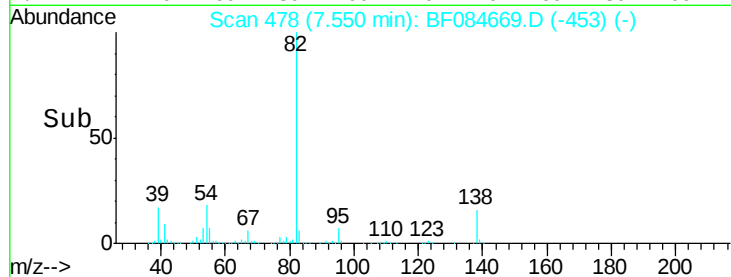
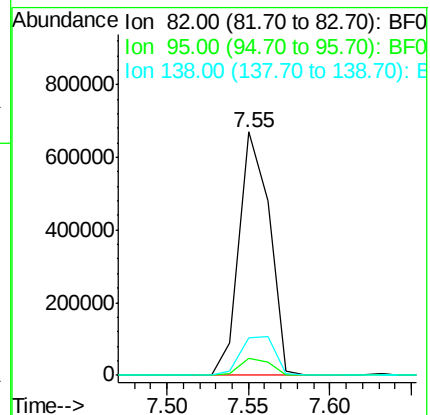
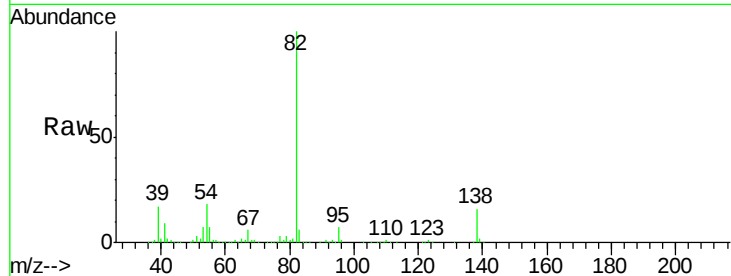
Tgt Ion: 82 Resp: 859986

Ion Ratio Lower Upper

82 100

95 7.0 6.6 10.0

138 15.6 13.6 20.4



#26

2-Nitrophenol

Concen: 40.99 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

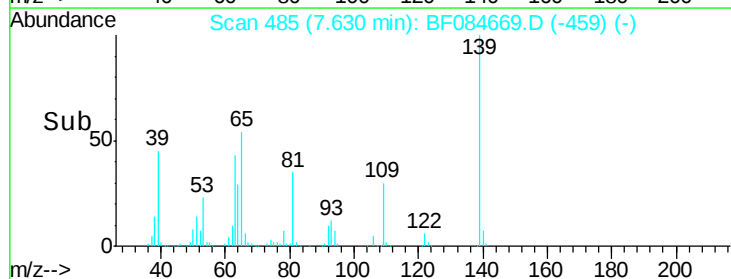
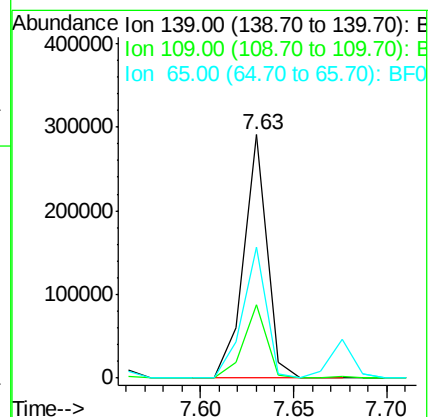
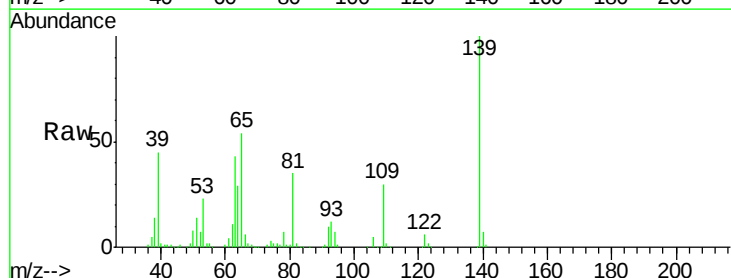
Tgt Ion: 139 Resp: 254630

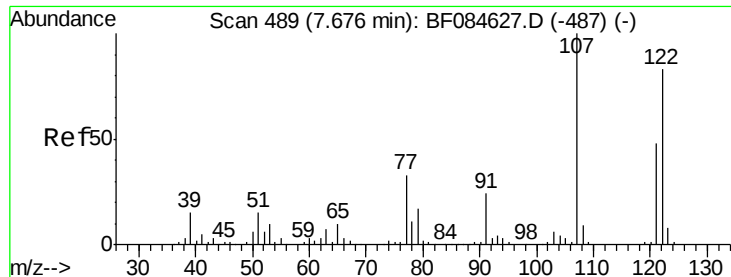
Ion Ratio Lower Upper

139 100

109 30.0 25.4 38.2

65 53.6 32.3 48.5#

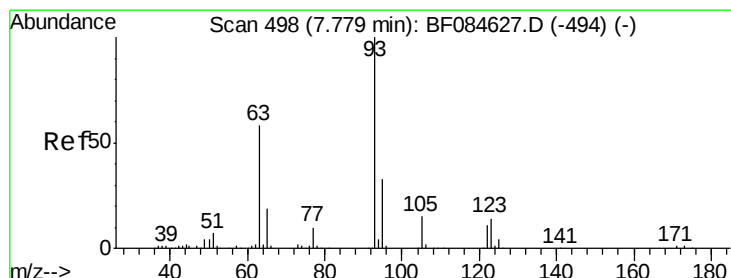
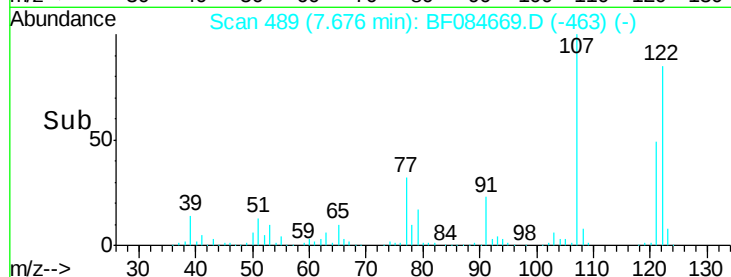
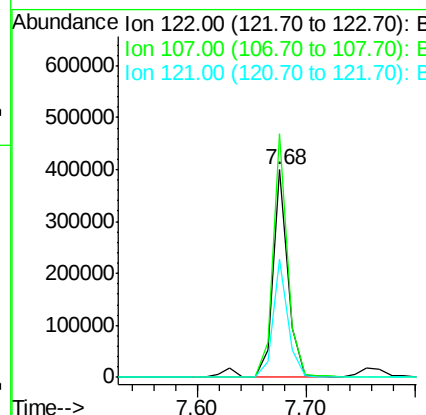
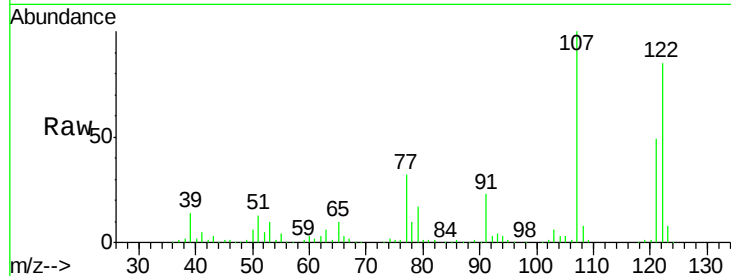




#27
 2,4-Dimethylphenol
 Concen: 36.62 ng
 RT: 7.68 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: BF084669.D
 Acq: 30 Jan 2016 7:28

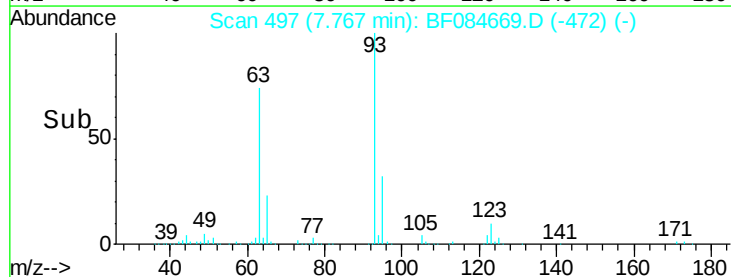
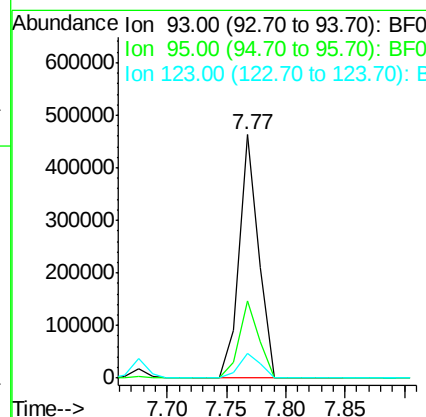
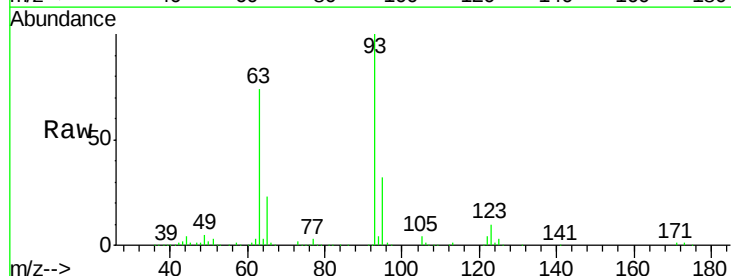
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(20-23)MS

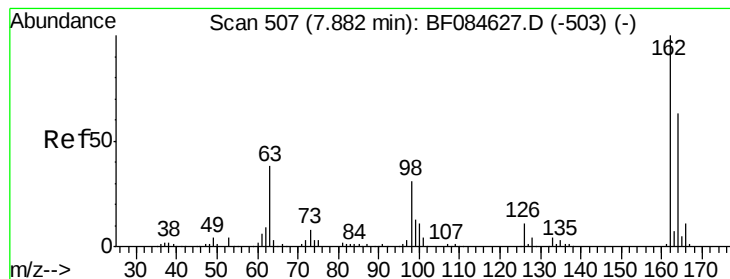
Tgt Ion:122 Resp: 398605
 Ion Ratio Lower Upper
 122 100
 107 117.4 99.1 148.7
 121 57.2 47.9 71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.06 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF084669.D
 Acq: 30 Jan 2016 7:28

Tgt Ion: 93 Resp: 525925
 Ion Ratio Lower Upper
 93 100
 95 31.8 25.8 38.6
 123 10.2 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 39.59 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MS

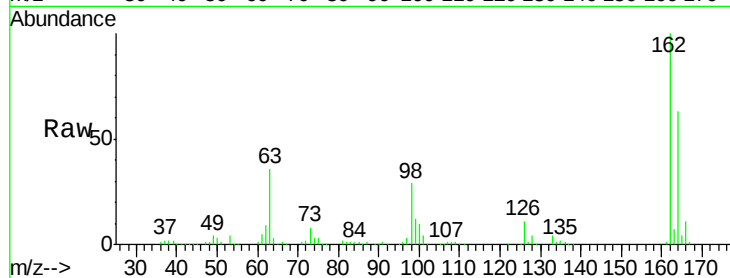
Tgt Ion:162 Resp: 376908

Ion Ratio Lower Upper

162 100

164 62.7 44.1 84.1

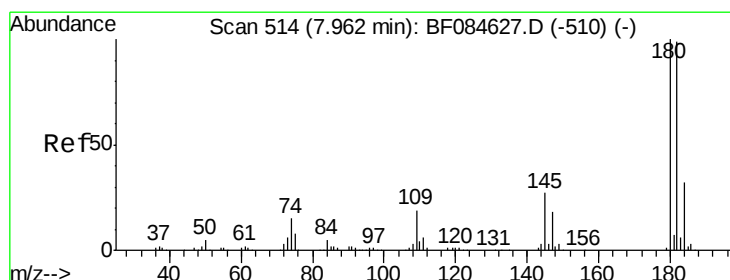
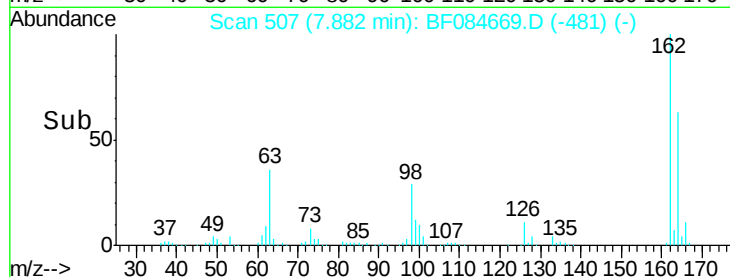
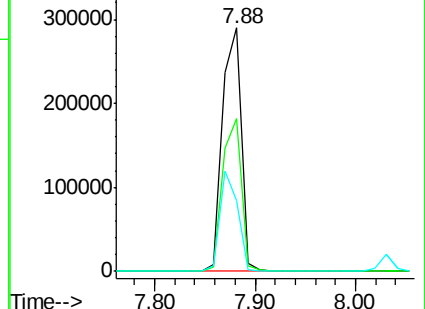
98 29.0 20.2 60.2



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): E



#30

1,2,4-Trichlorobenzene

Concen: 34.73 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

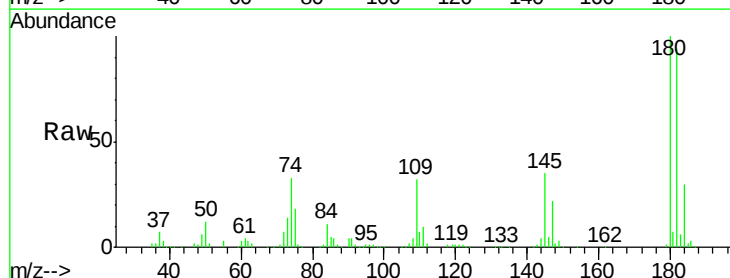
Tgt Ion:180 Resp: 378131

Ion Ratio Lower Upper

180 100

182 94.3 76.4 114.6

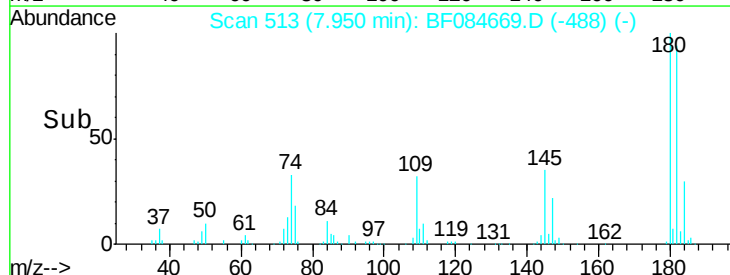
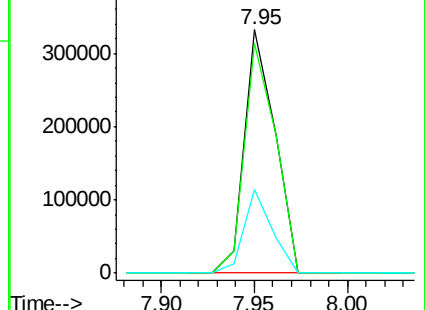
145 34.5 31.6 47.4

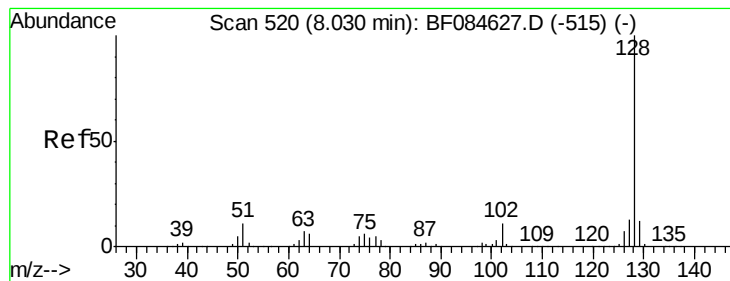


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 35.57 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MS

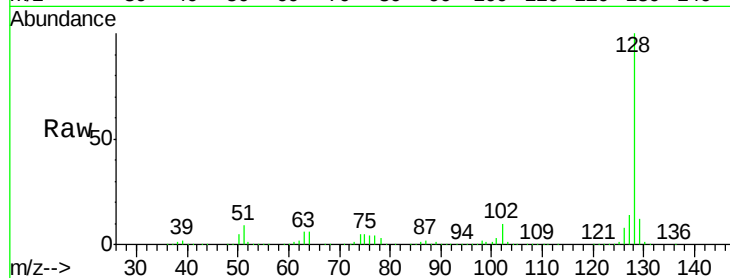
Tgt Ion:128 Resp: 1233225

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

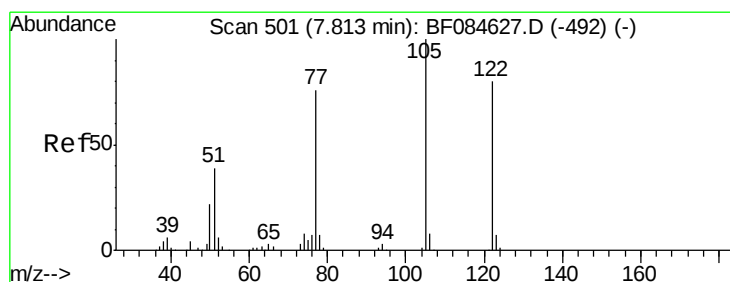
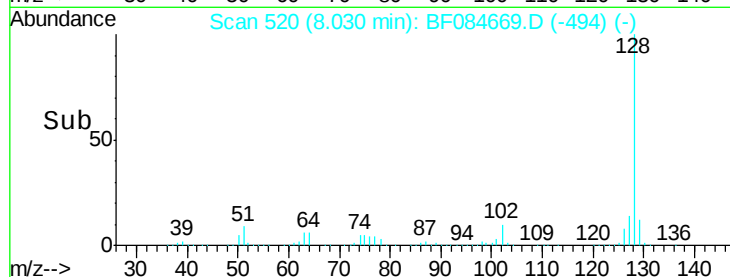
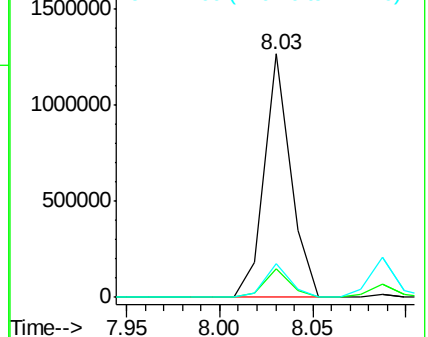
127 13.8 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 4.74 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.06 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

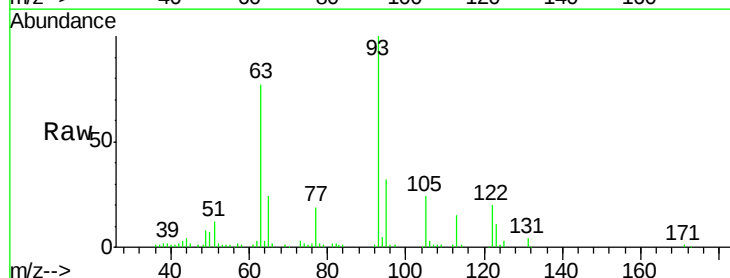
Tgt Ion:122 Resp: 39578

Ion Ratio Lower Upper

122 100

105 119.9 100.3 140.3

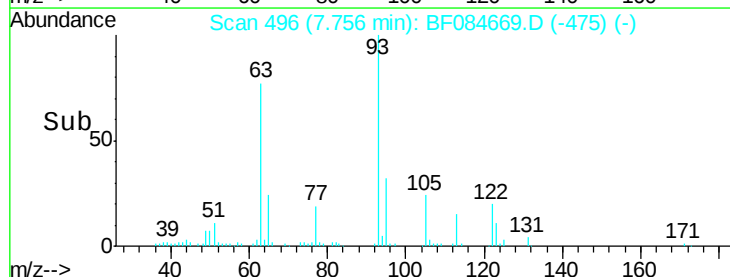
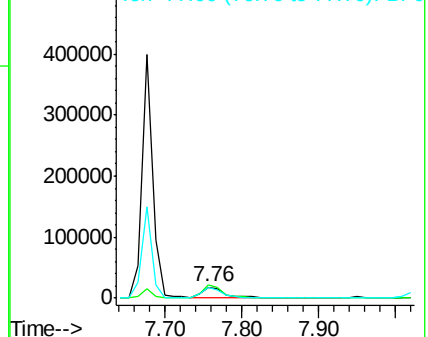
77 97.0 63.5 103.5

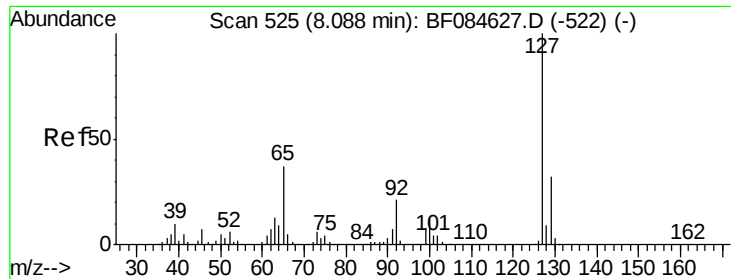


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

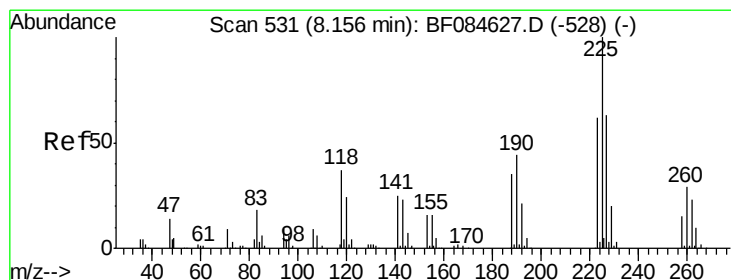
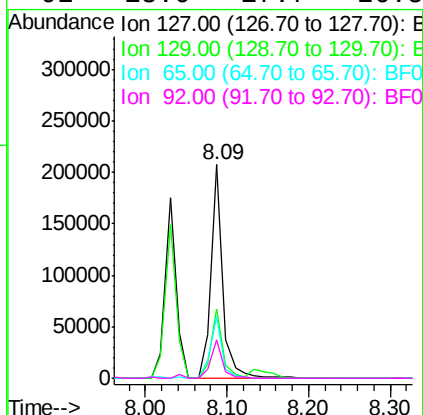
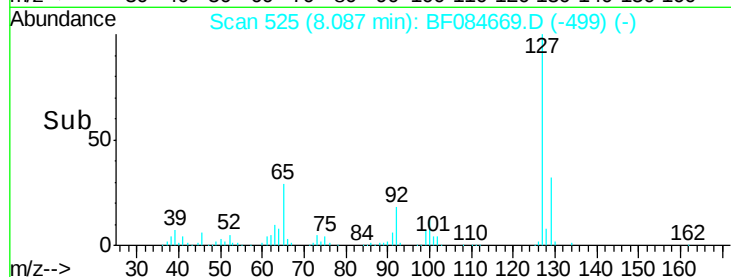
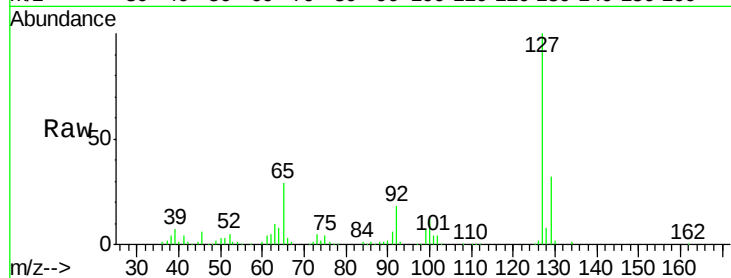




#33
4-Chloroaniline
Concen: 15.14 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

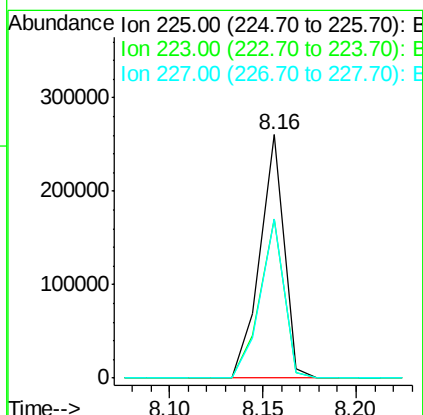
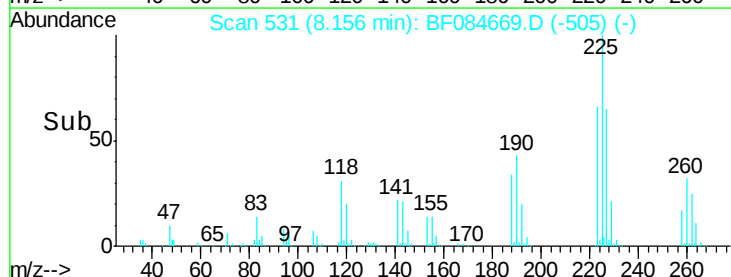
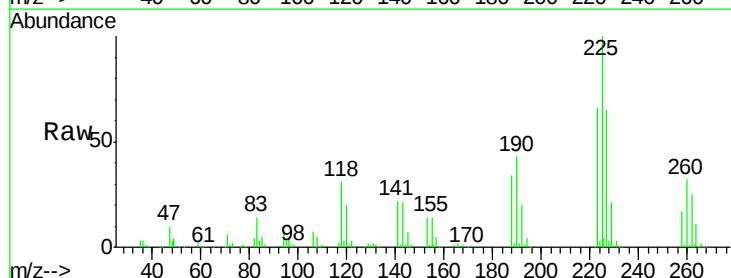
Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)MS

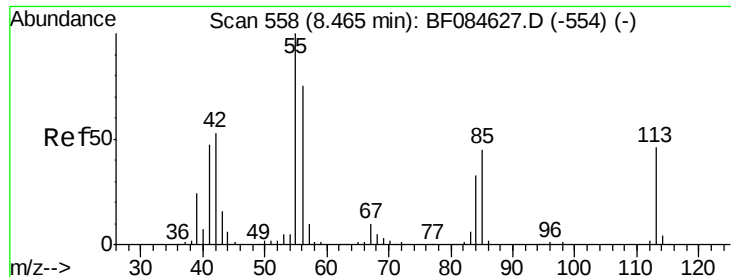
Tgt Ion:	127	Resp:	213536
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.5	39.7
65	28.7	27.2	40.8
92	18.0	17.7	26.5



#34
Hexachlorobutadiene
Concen: 36.35 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Tgt Ion:	225	Resp:	233871
Ion	Ratio	Lower	Upper
225	100		
223	65.6	49.4	74.0
227	65.4	50.8	76.2

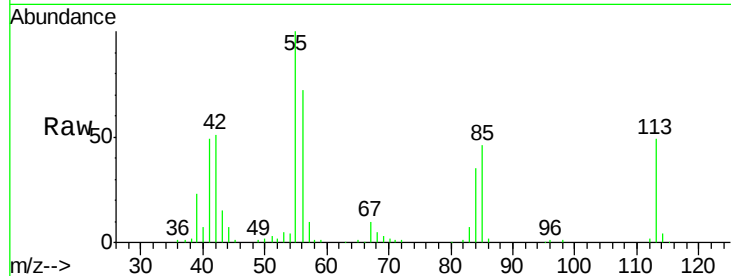




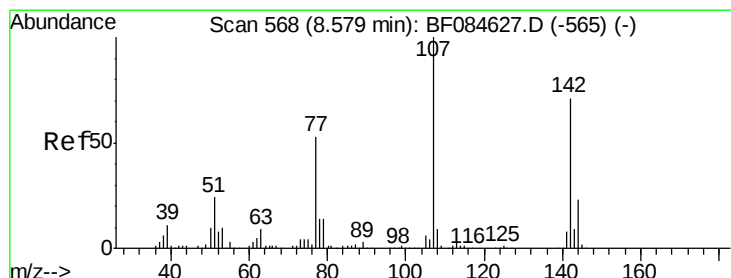
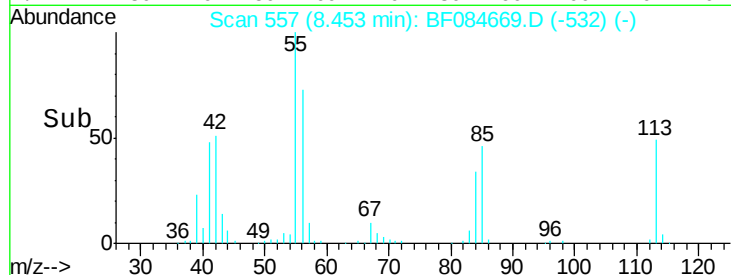
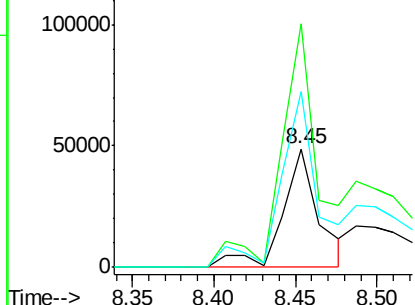
#35
 Caprolactam
 Concen: 27.62 ng
 RT: 8.45 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF084669.D
 Acq: 30 Jan 2016 7:28

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

Tgt Ion:113 Resp: 75478
 Ion Ratio Lower Upper
 113 100
 55 205.1 116.9 156.9#
 56 148.3 93.8 133.8#

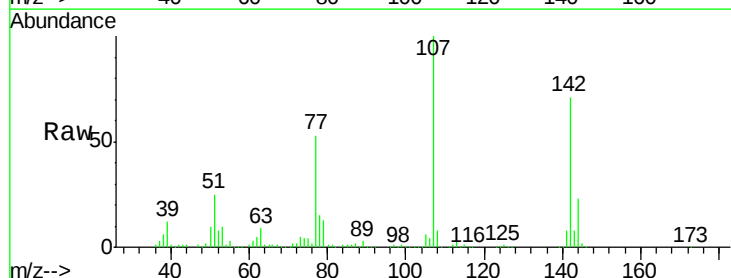


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

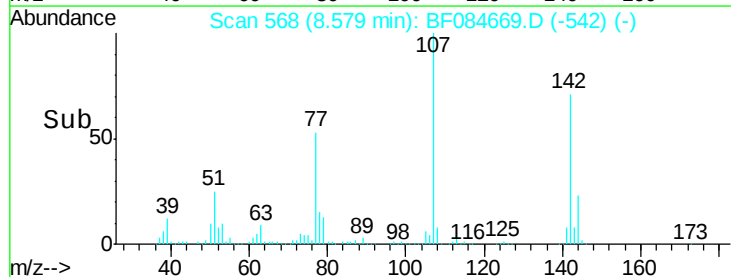
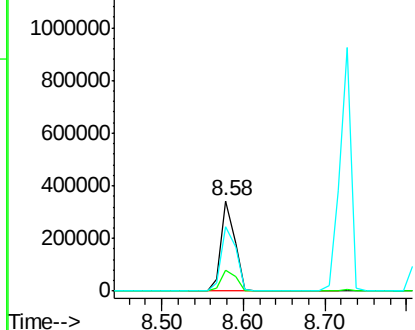


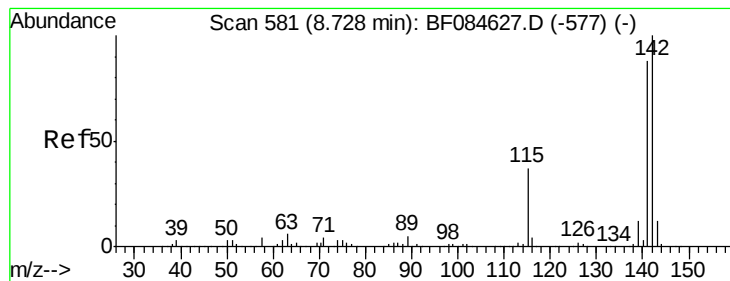
#36
 4-Chloro-3-methylphenol
 Concen: 38.48 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: BF084669.D
 Acq: 30 Jan 2016 7:28

Tgt Ion:107 Resp: 403426
 Ion Ratio Lower Upper
 107 100
 144 23.4 19.7 29.5
 142 71.5 61.8 92.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.15 ng

RT: 8.73 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MS

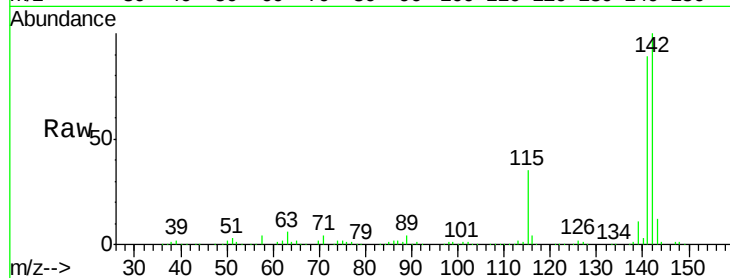
Tgt Ion:142 Resp: 918433

Ion Ratio Lower Upper

142 100

141 89.1 72.4 108.6

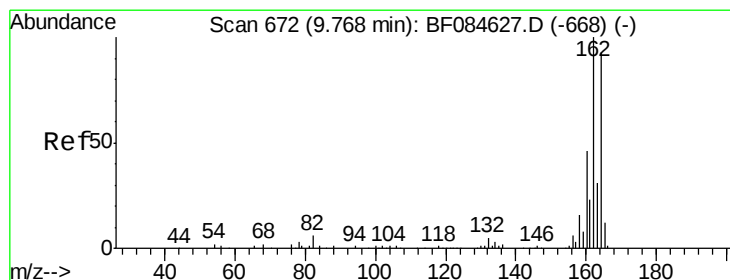
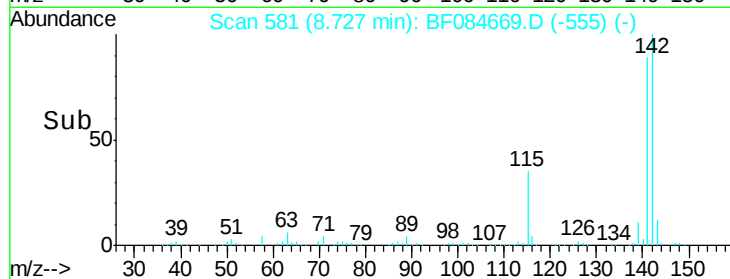
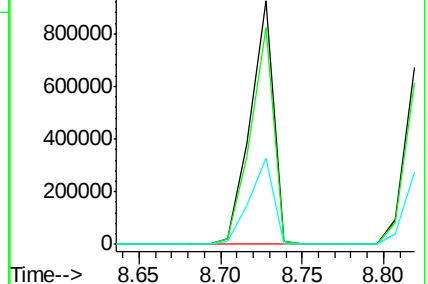
115 35.3 27.9 41.9



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: BF084669.D

Acq: 30 Jan 2016 7:28

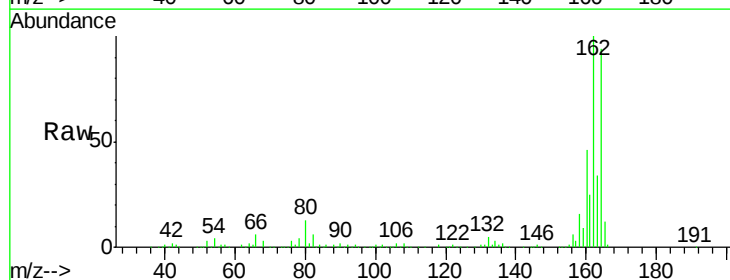
Tgt Ion:164 Resp: 326790

Ion Ratio Lower Upper

164 100

162 105.8 85.1 127.7

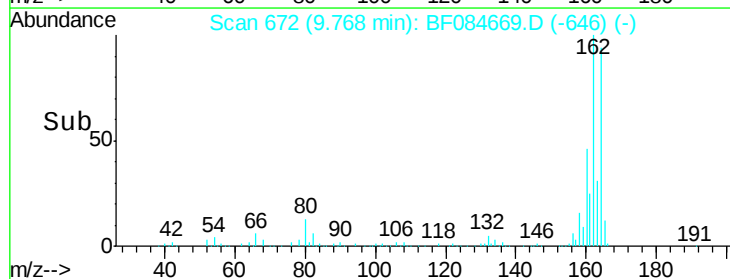
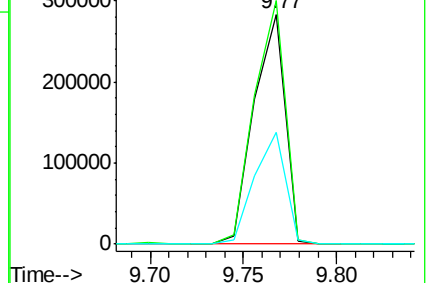
160 48.6 37.5 56.3

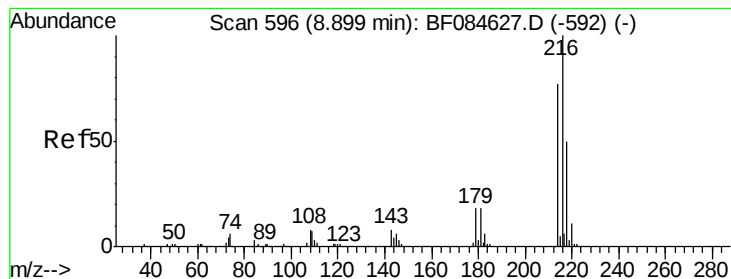


Abundance Ion 164.00 (163.70 to 164.70): E

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: 31.79 ng

RT: 8.89 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MS

Tgt Ion:216 Resp: 336866

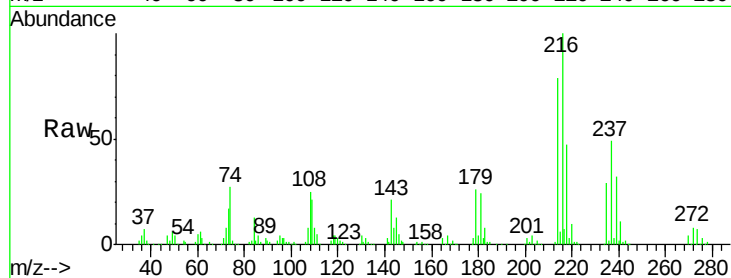
Ion Ratio Lower Upper

216 100

214 78.6 64.2 96.2

179 23.1 18.7 28.1

108 23.7 16.8 25.2

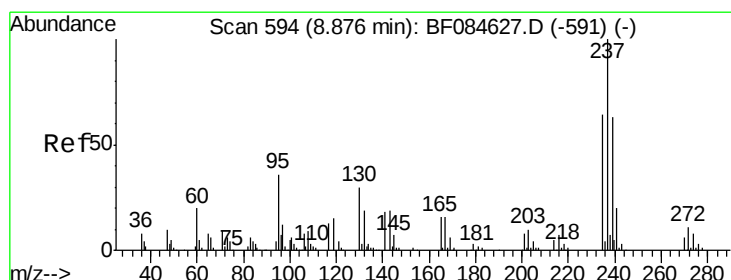
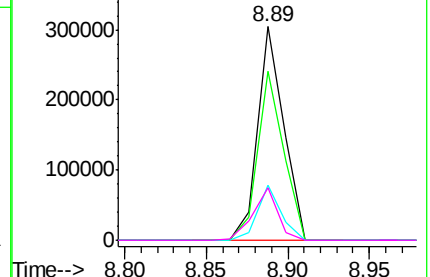
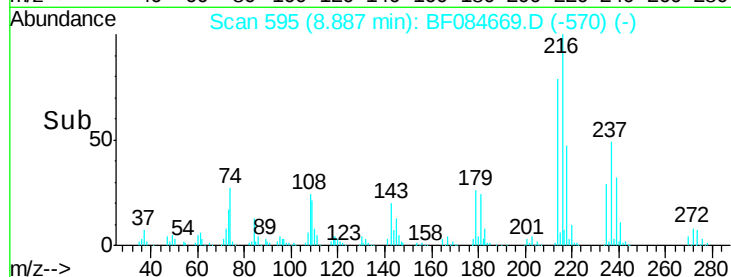


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 72.86 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

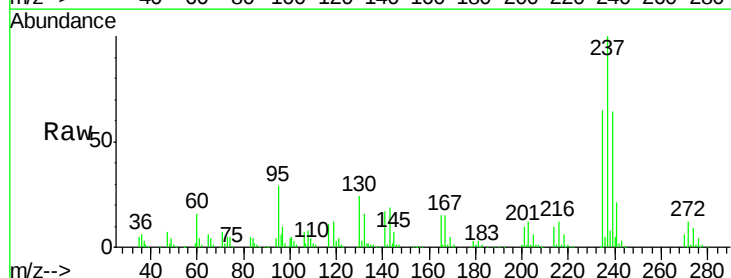
Tgt Ion:237 Resp: 351097

Ion Ratio Lower Upper

237 100

235 64.7 43.1 83.1

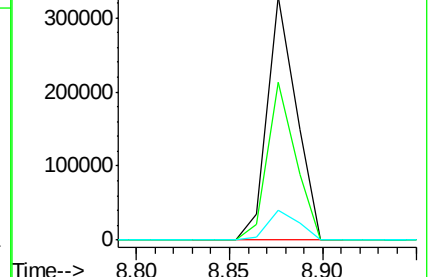
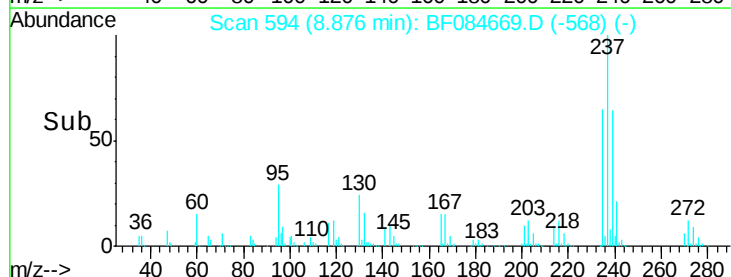
272 12.0 0.0 35.1

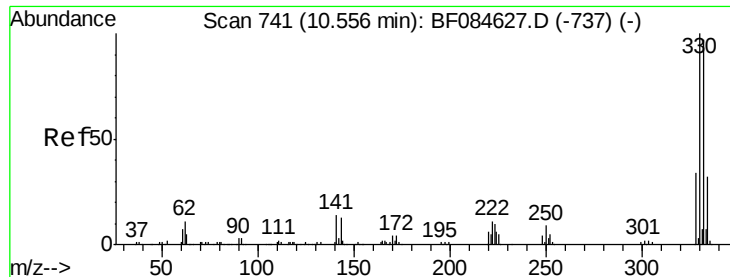


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

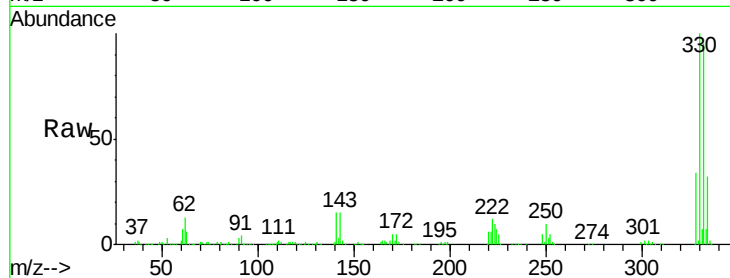




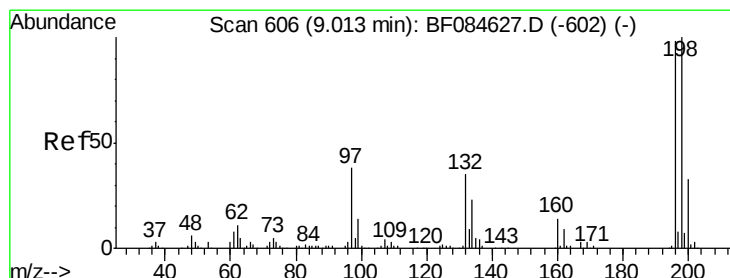
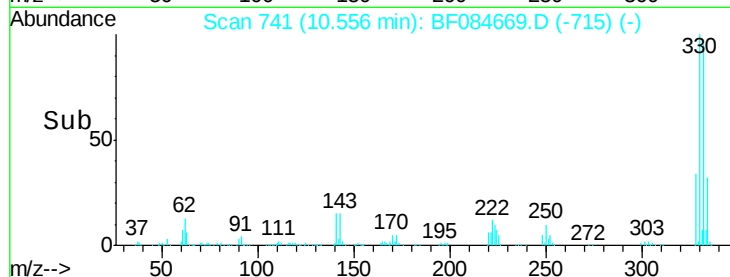
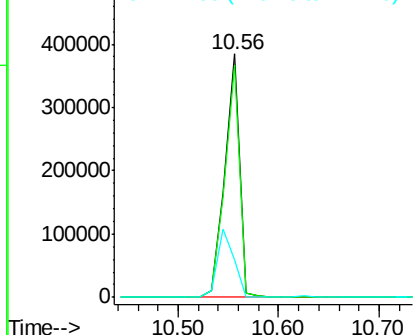
#41
 2,4,6-Tribromophenol
 Concen: 114.93 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF084669.D
 Acq: 30 Jan 2016 7:28

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	114.8
141	31.4	27.8	41.6

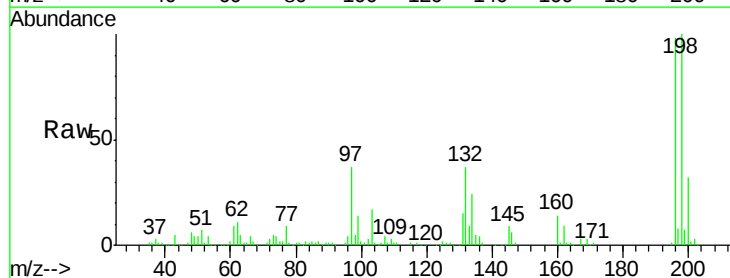


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

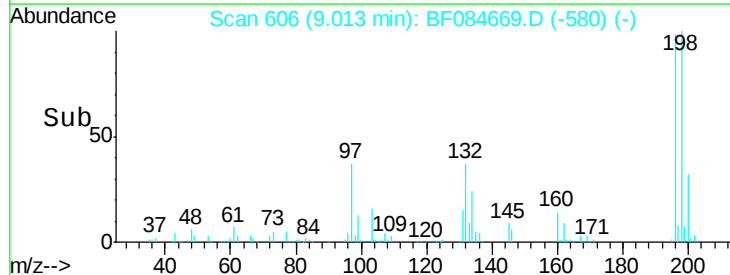
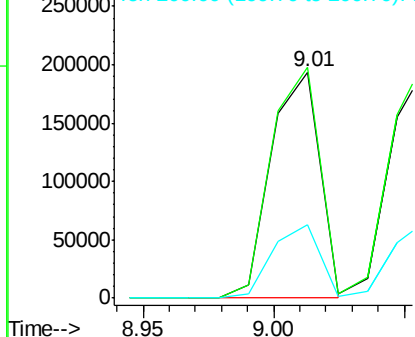


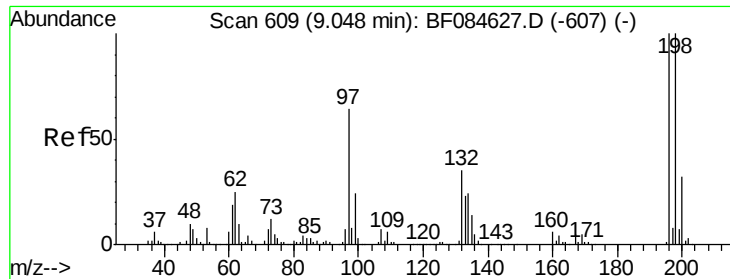
#42
 2,4,6-Trichlorophenol
 Concen: 38.29 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF084669.D
 Acq: 30 Jan 2016 7:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.9	77.7	116.5
200	32.6	24.6	37.0



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

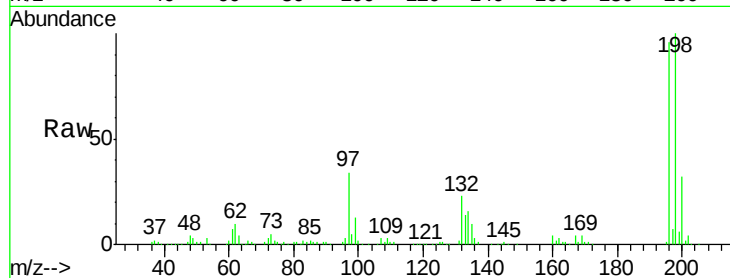




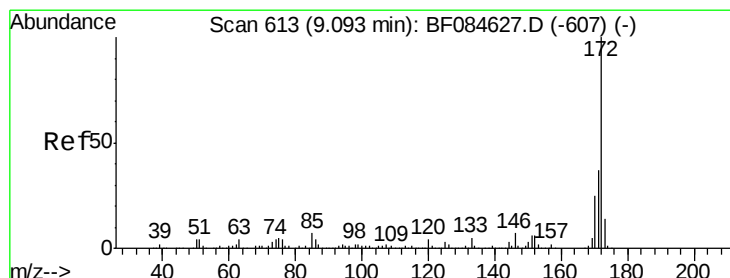
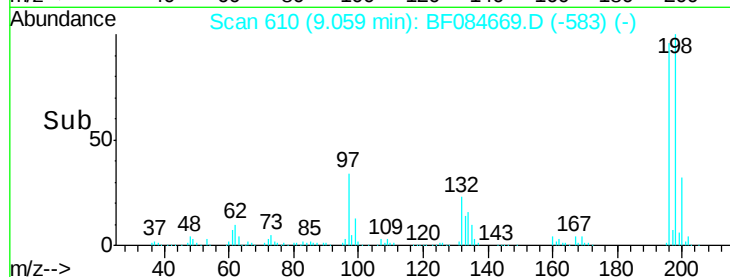
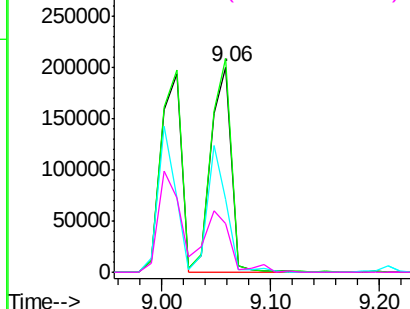
#43
 2,4,5-Trichlorophenol
 Concen: 38.70 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: BF084669.D
 Acq: 30 Jan 2016 7:28

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

Tgt Ion:196 Resp: 263019
 Ion Ratio Lower Upper
 196 100
 198 104.3 79.0 118.6
 97 35.7 33.0 49.6
 132 23.6 21.1 31.7

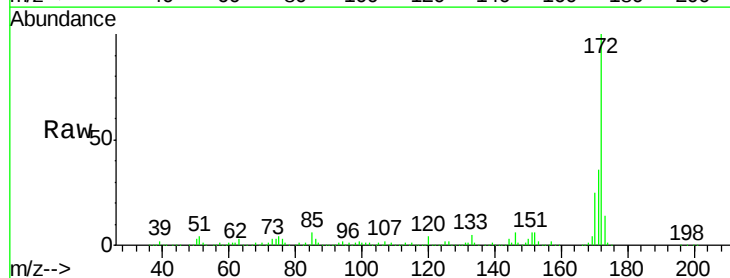


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

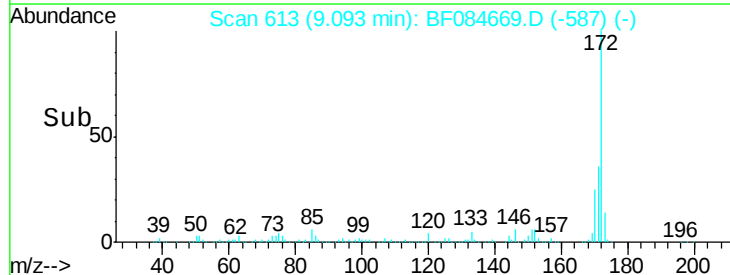
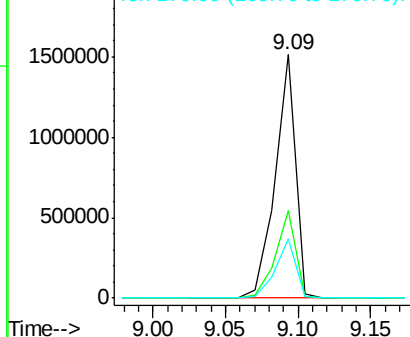


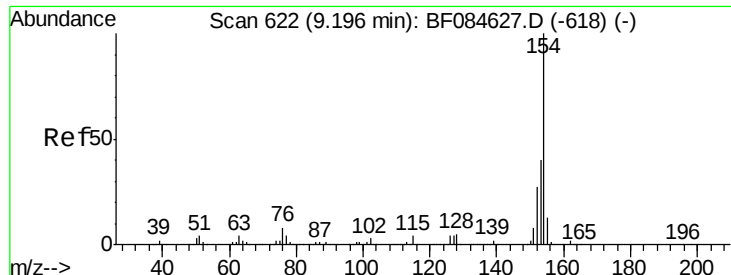
#44
 2-Fluorobiphenyl
 Concen: 66.52 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084669.D
 Acq: 30 Jan 2016 7:28

Tgt Ion:172 Resp: 1462568
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.9 43.3
 170 24.5 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

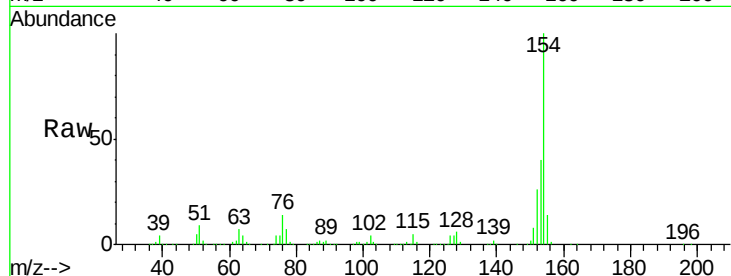




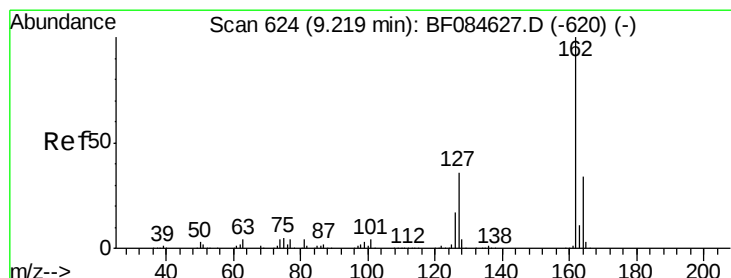
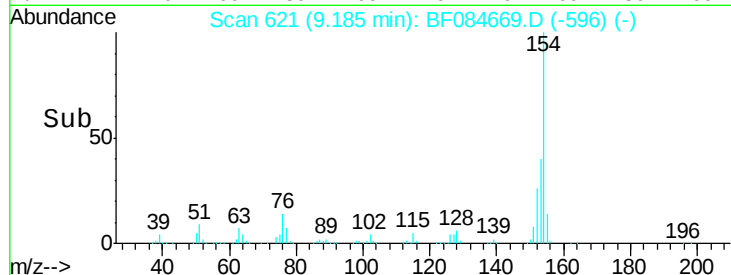
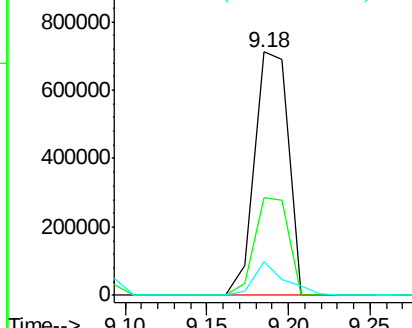
#45
 1,1'-Biphenyl
 Concen: 34.08 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084669.D
 Acq: 30 Jan 2016 7:28

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

Tgt Ion:154 Resp: 1020794
 Ion Ratio Lower Upper
 154 100
 153 40.1 21.6 61.6
 76 13.9 0.0 32.7

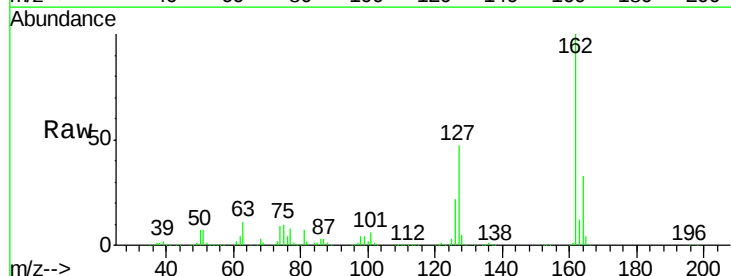


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

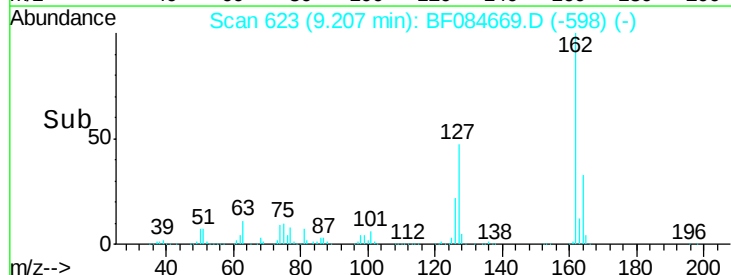
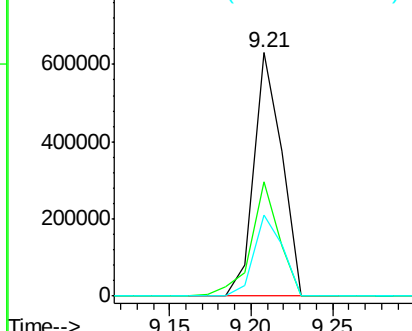


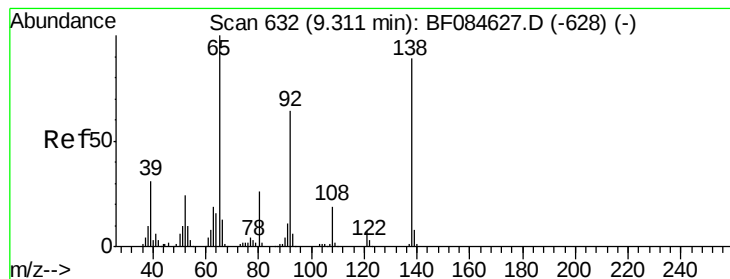
#46
 2-Chloronaphthalene
 Concen: 34.21 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF084669.D
 Acq: 30 Jan 2016 7:28

Tgt Ion:162 Resp: 747481
 Ion Ratio Lower Upper
 162 100
 127 47.0 40.2 60.4
 164 33.0 25.7 38.5



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 36.96 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MS

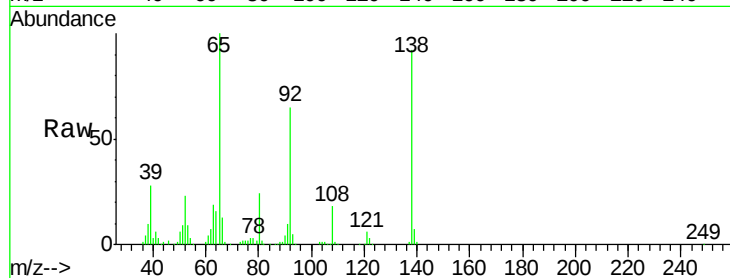
Tgt Ion: 65 Resp: 242530

Ion Ratio Lower Upper

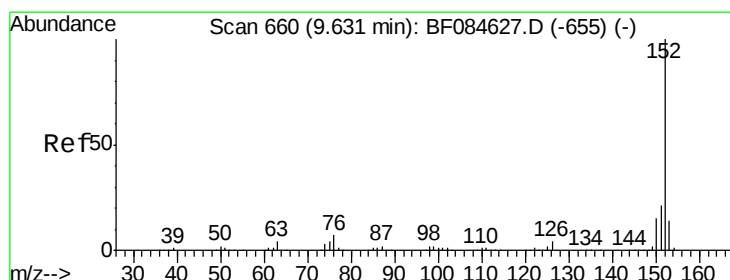
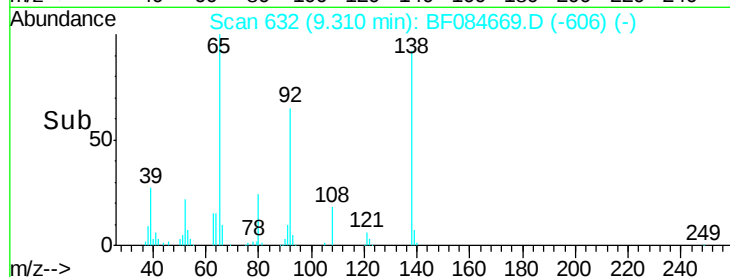
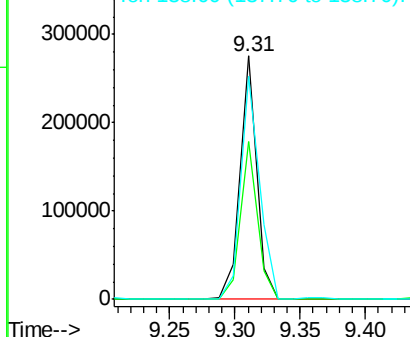
65 100

92 65.0 53.4 80.2

138 91.7 71.1 106.7



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 36.42 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

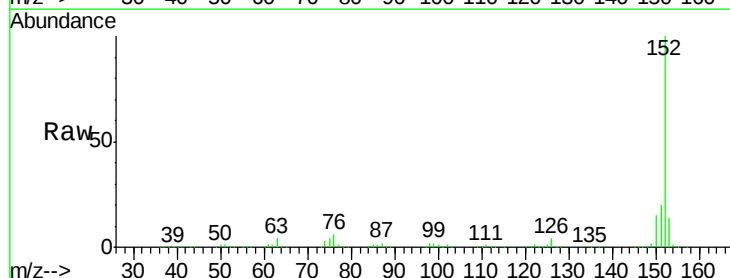
Tgt Ion: 152 Resp: 1205662

Ion Ratio Lower Upper

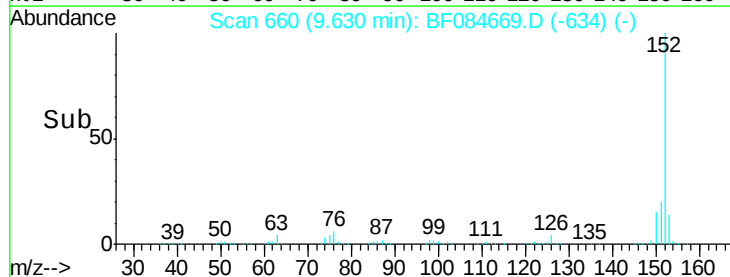
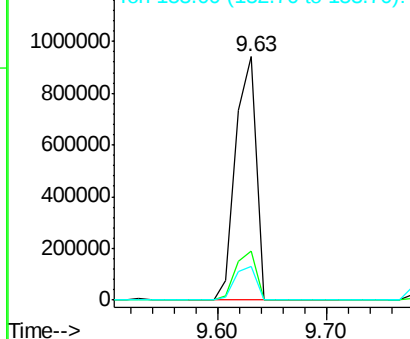
152 100

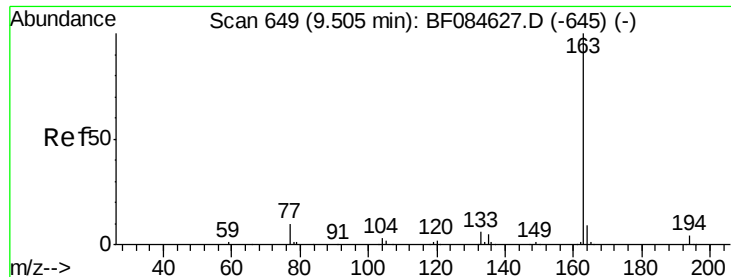
151 20.4 16.3 24.5

153 14.0 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 43.78 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MS

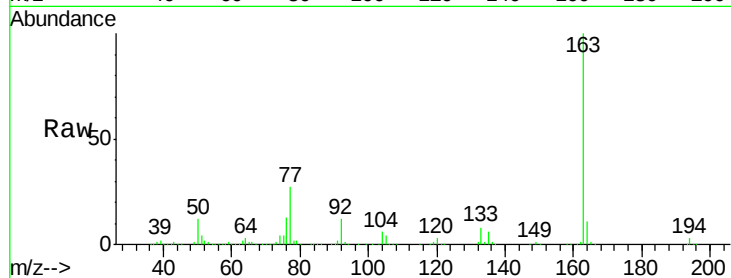
Tgt Ion:163 Resp: 1073669

Ion Ratio Lower Upper

163 100

194 3.0 8.0 12.0#

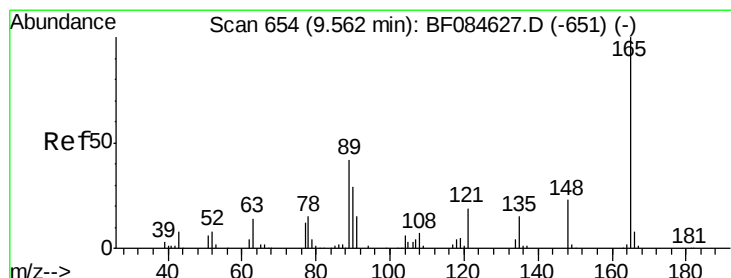
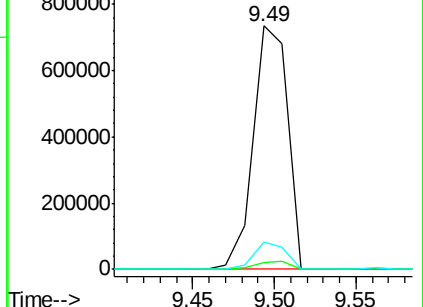
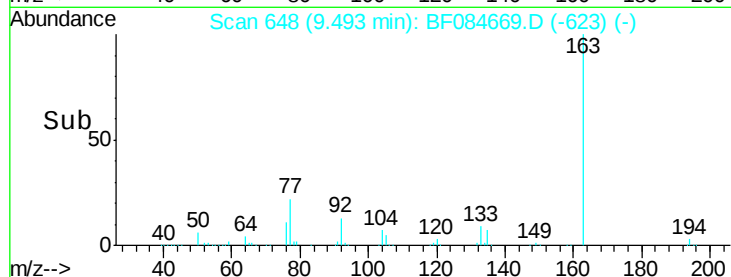
164 11.1 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.11 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

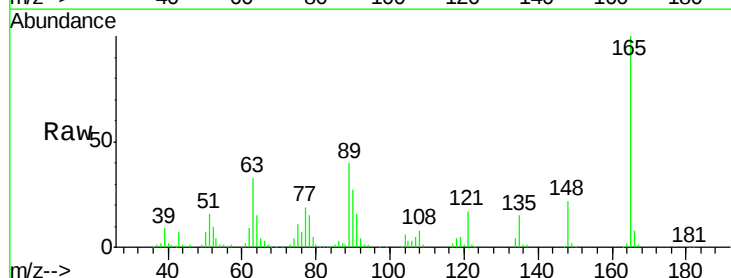
Tgt Ion:165 Resp: 216478

Ion Ratio Lower Upper

165 100

63 33.4 28.8 43.2

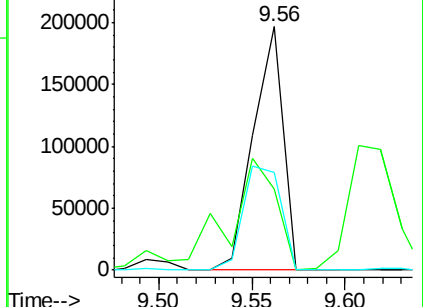
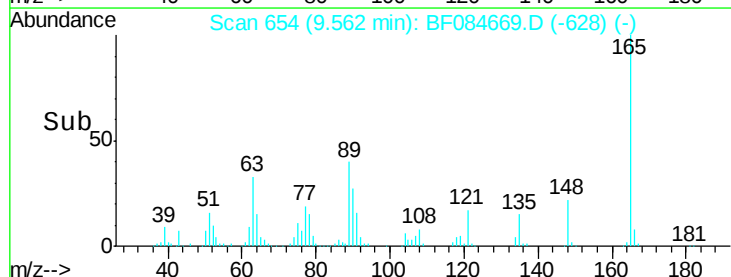
89 40.0 35.1 52.7

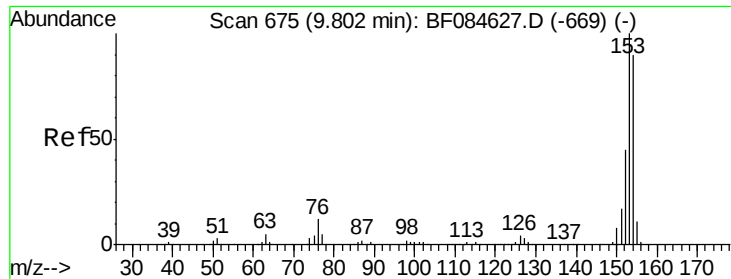


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.91 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MS

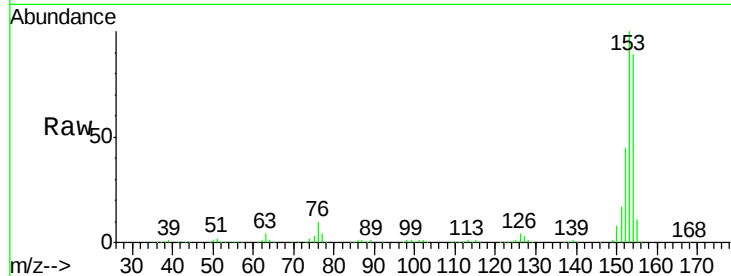
Tgt Ion:154 Resp: 840458

Ion Ratio Lower Upper

154 100

153 112.0 91.5 137.3

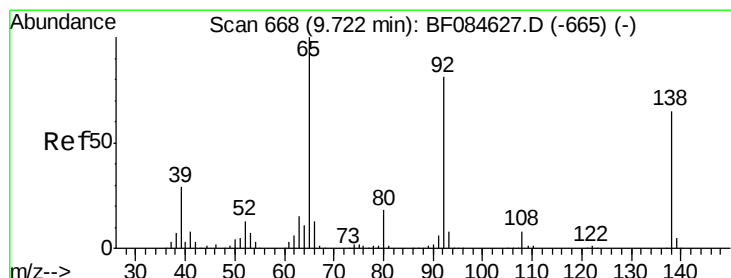
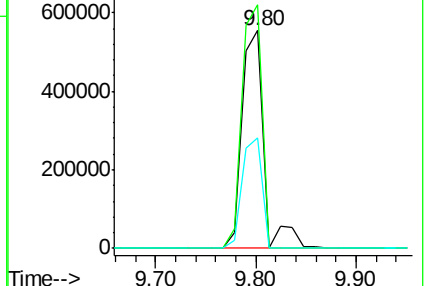
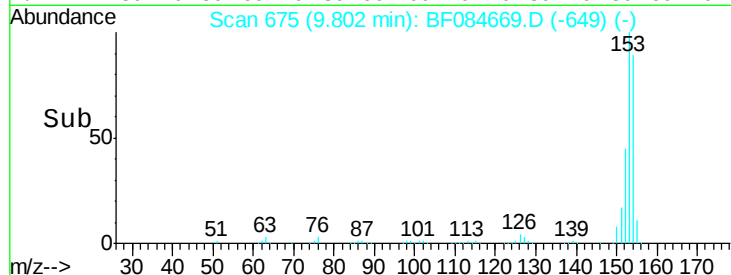
152 50.8 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.09 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

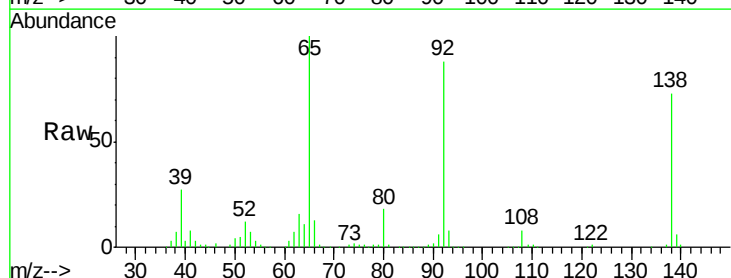
Tgt Ion:138 Resp: 147117

Ion Ratio Lower Upper

138 100

108 10.7 10.5 15.7

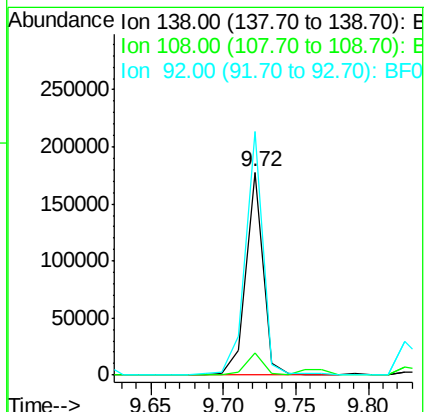
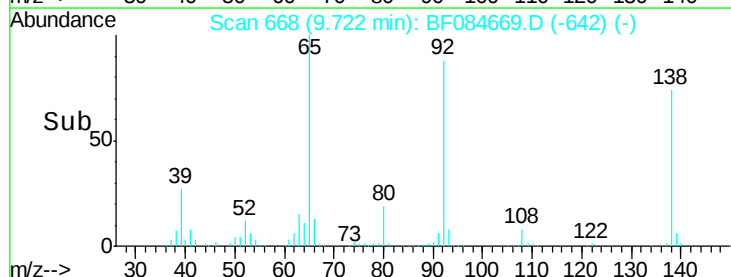
92 119.8 103.9 155.9

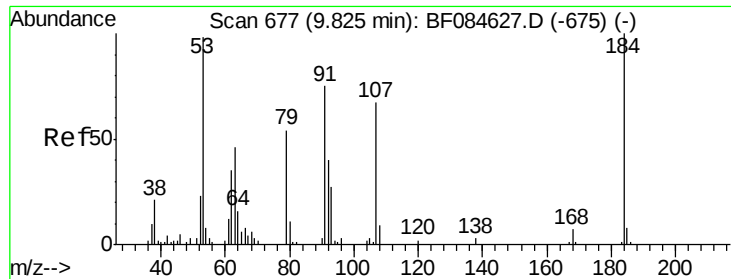


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

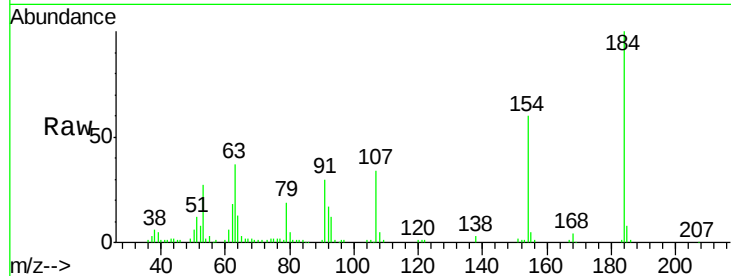




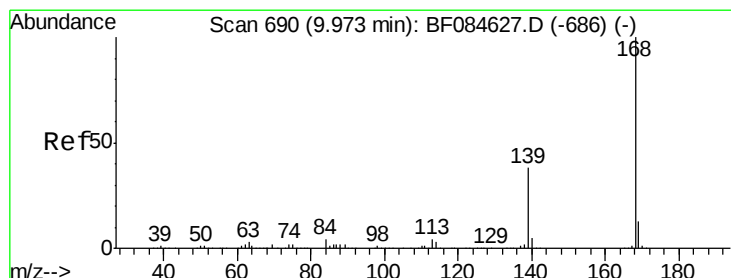
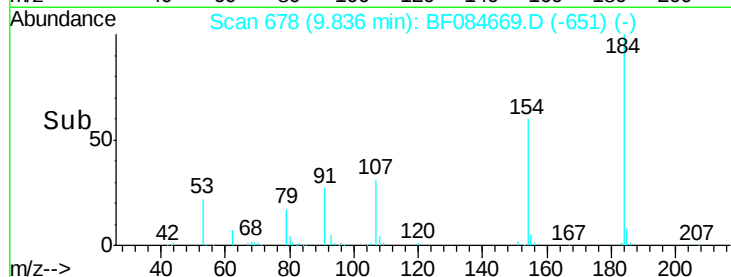
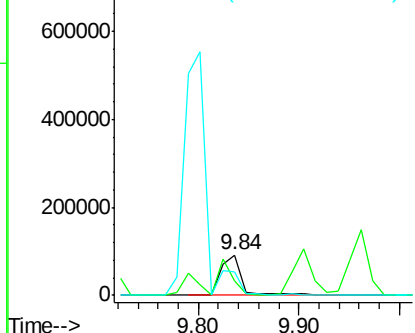
#53
2,4-Dinitrophenol
Concen: 48.41 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.01 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

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

Tgt Ion:184 Resp: 128917
Ion Ratio Lower Upper
184 100
63 37.0 43.1 64.7#
154 59.6 60.5 90.7#

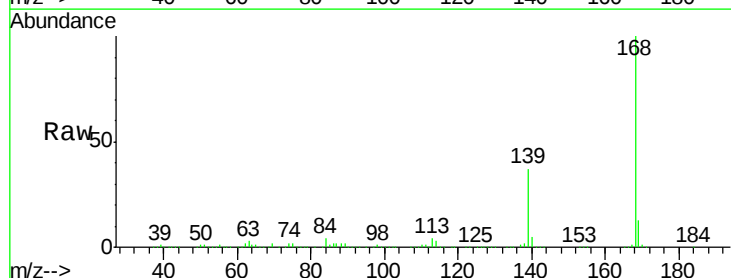


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

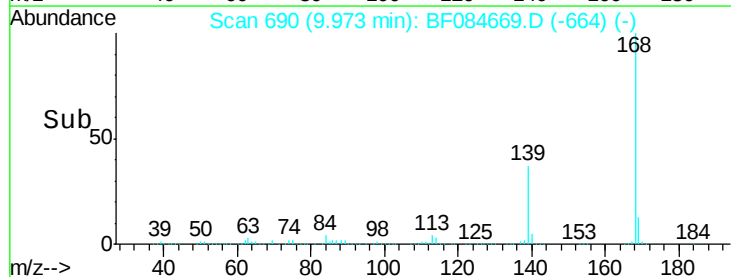
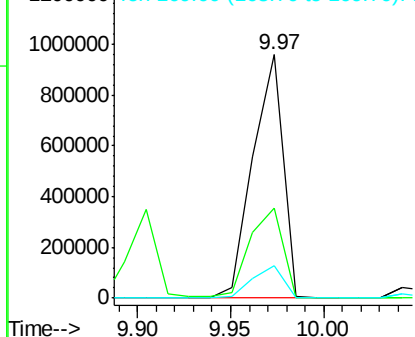


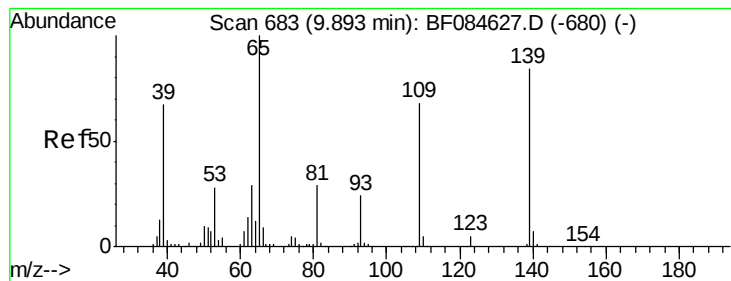
#54
Dibenzofuran
Concen: 40.58 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Tgt Ion:168 Resp: 1073746
Ion Ratio Lower Upper
168 100
139 36.9 30.5 45.7
169 13.2 10.4 15.6



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





#55

4-Nitrophenol

Concen: 87.18 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.01 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MS

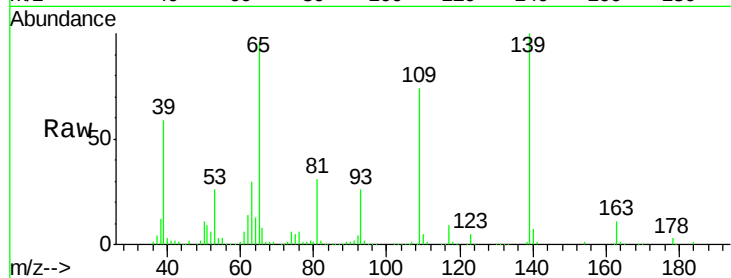
Tgt Ion:139 Resp: 361109

Ion Ratio Lower Upper

139 100

109 73.5 58.5 98.5

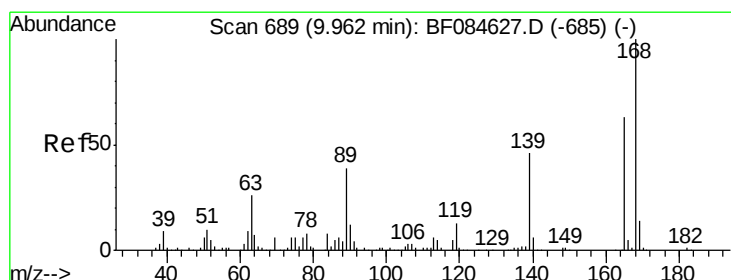
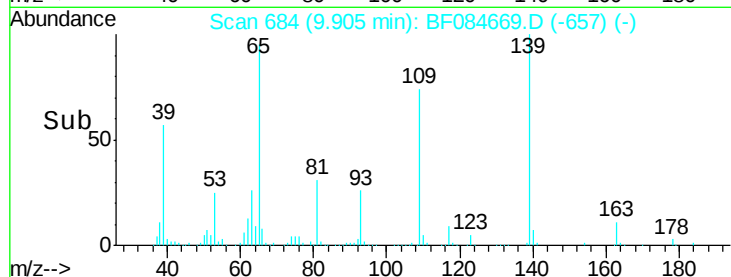
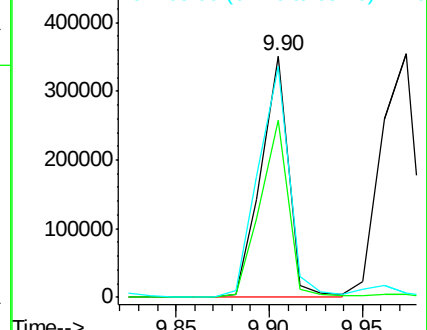
65 95.6 57.6 97.6



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: 41.98 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Tgt Ion:165 Resp: 294341

Ion Ratio Lower Upper

165 100

63 48.6 36.7 55.1

89 68.4 61.9 92.9

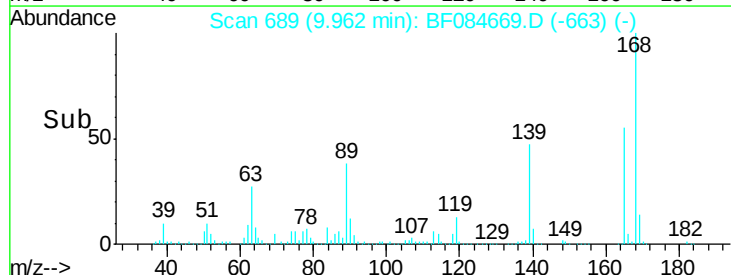
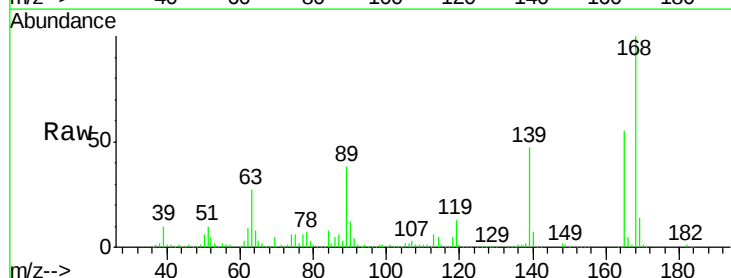
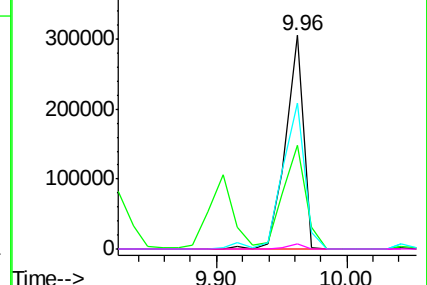
182 2.2 2.0 3.0

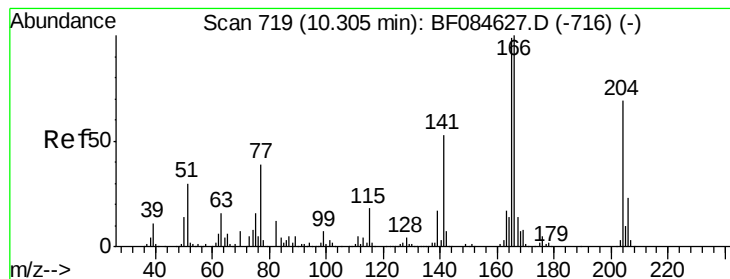
Abundance Ion 165.00 (164.70 to 165.70): E

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: 35.98 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MS

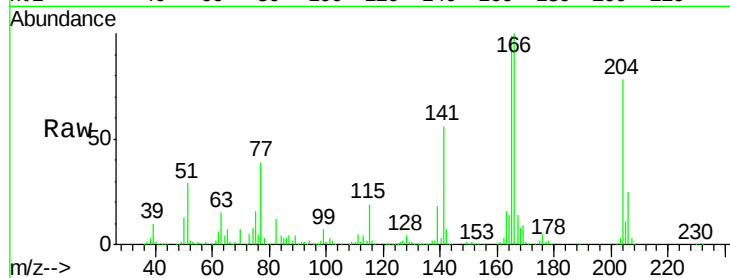
Tgt Ion:166 Resp: 806925

Ion Ratio Lower Upper

166 100

165 99.3 79.1 118.7

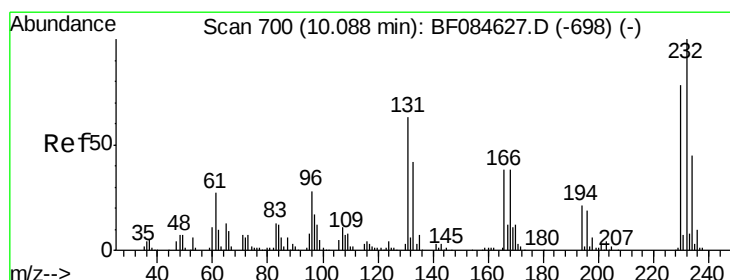
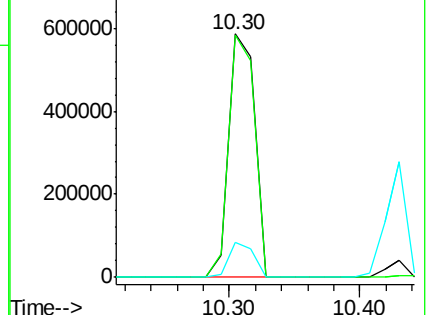
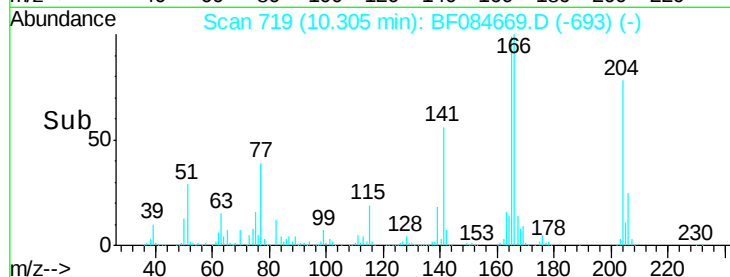
167 14.1 10.4 15.6



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: 41.22 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Tgt Ion:232 Resp: 211828

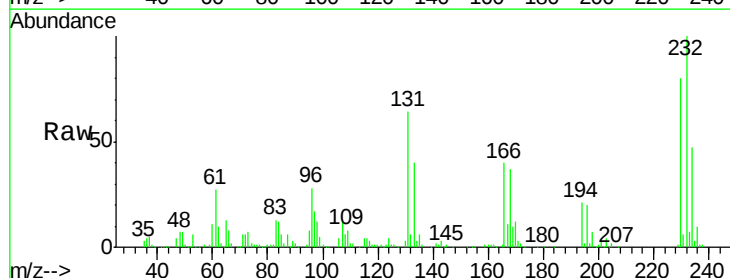
Ion Ratio Lower Upper

232 100

131 54.3 47.0 70.6

130 2.4 2.0 3.0

166 33.7 30.5 45.7

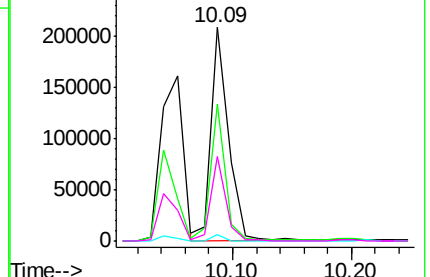
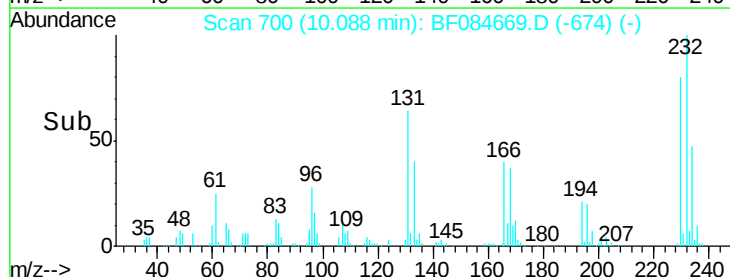


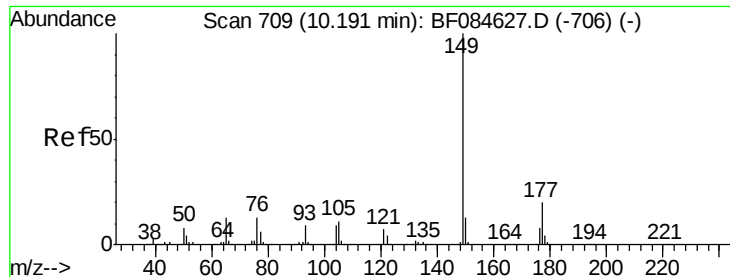
Abundance Ion 232.00 (231.70 to 232.70): E

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

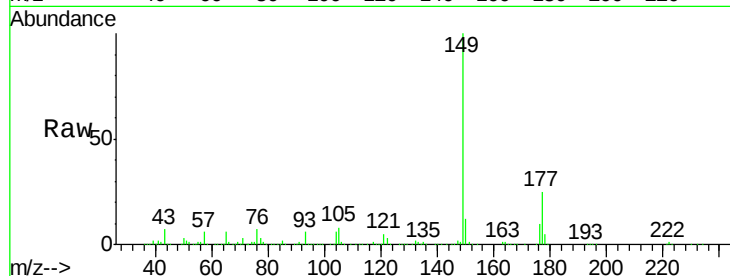




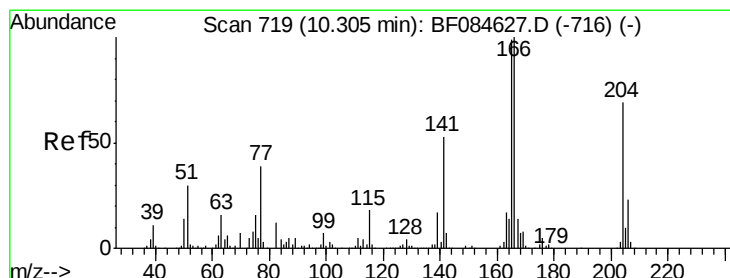
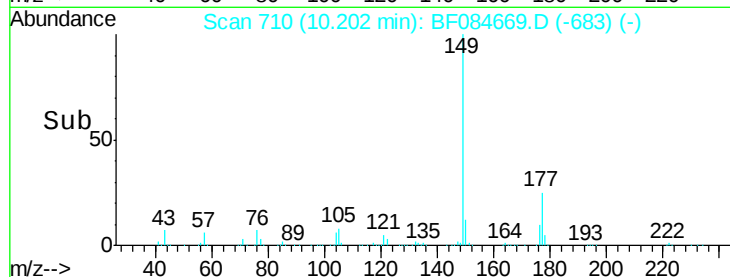
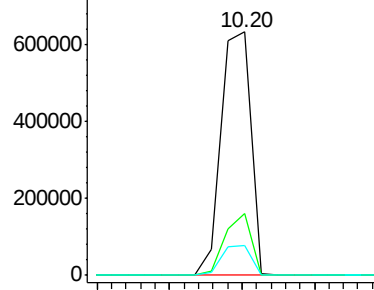
#59
Diethylphthalate
Concen: 37.61 ng
RT: 10.20 min Scan# 710
Delta R.T. 0.01 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

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

Tgt Ion:149 Resp: 903064
Ion Ratio Lower Upper
149 100
177 25.3 17.3 25.9
150 12.3 9.8 14.8

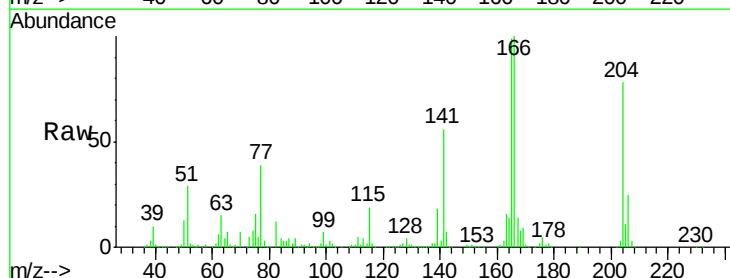


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

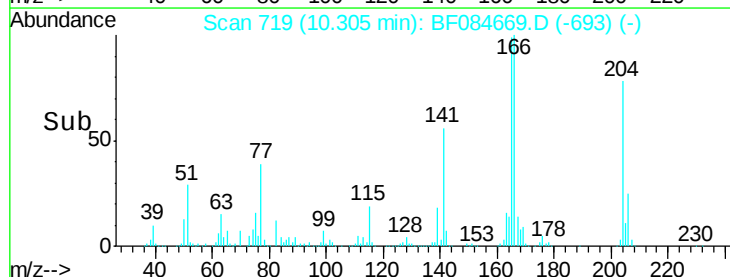
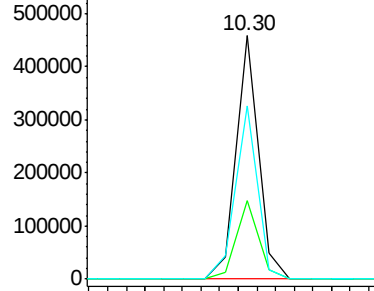


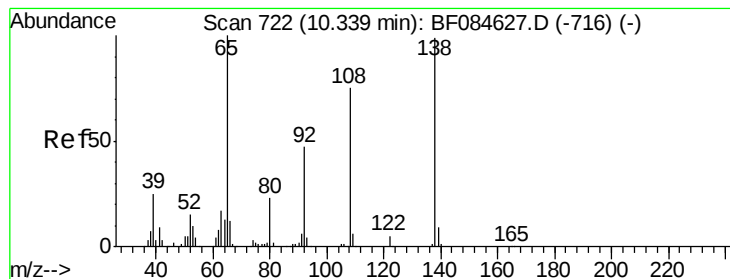
#60
4-Chlorophenyl-phenylether
Concen: 37.47 ng
RT: 10.30 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Tgt Ion:204 Resp: 377260
Ion Ratio Lower Upper
204 100
206 32.0 25.7 38.5
141 71.2 55.1 82.7



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.12 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MS

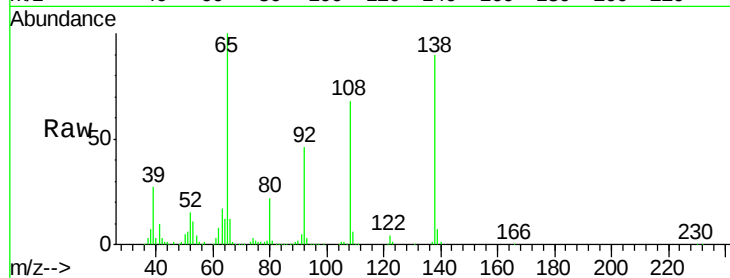
Tgt Ion:138 Resp: 230153

Ion Ratio Lower Upper

138 100

92 51.0 32.6 72.6

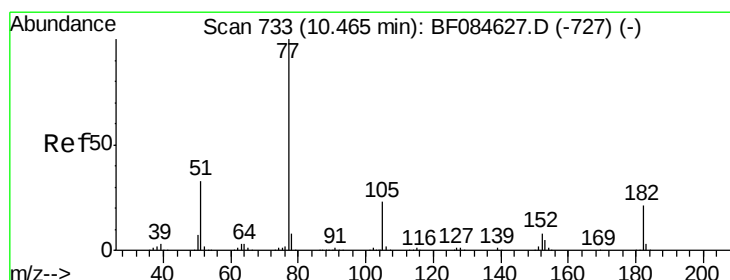
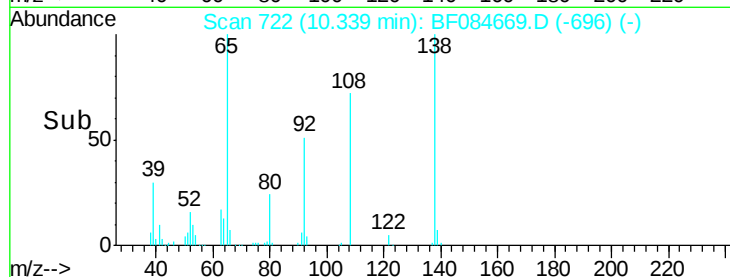
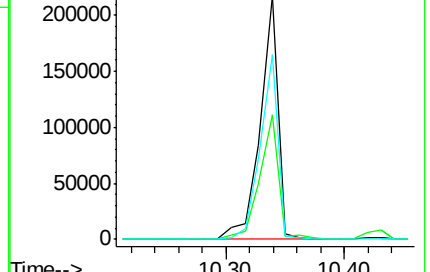
108 76.0 68.6 108.6



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: 42.60 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Tgt Ion: 77 Resp: 978947

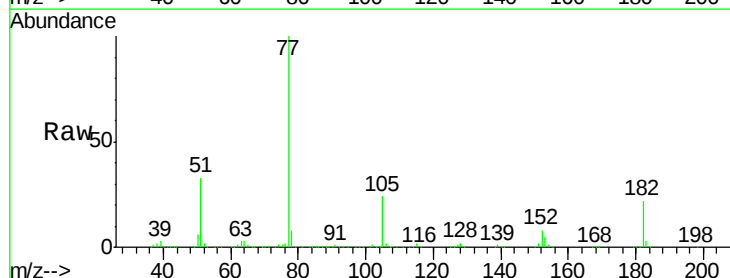
Ion Ratio Lower Upper

77 100

182 22.1 8.3 48.3

105 24.2 4.6 44.6

51 32.5 6.2 46.2

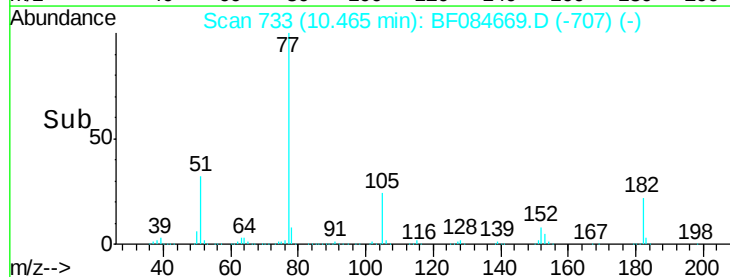
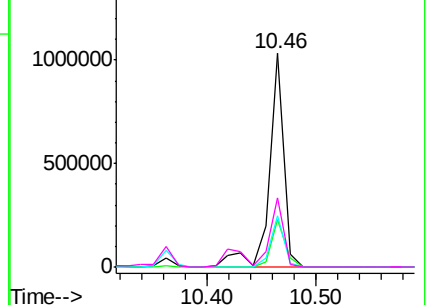


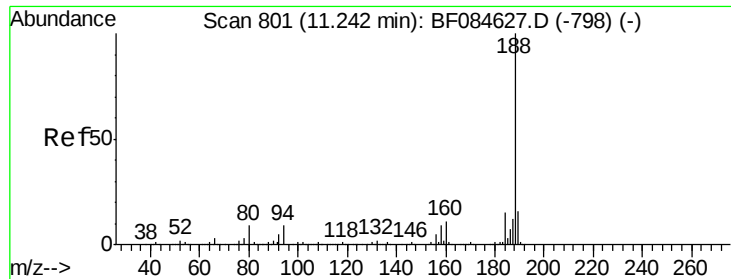
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

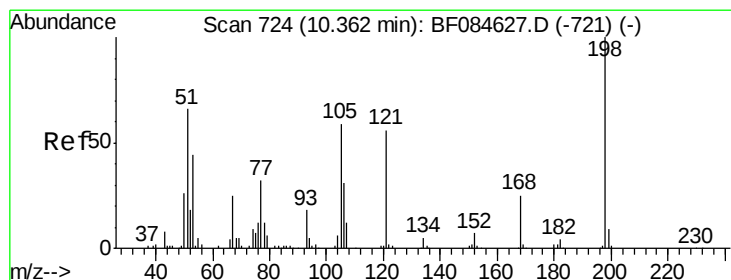
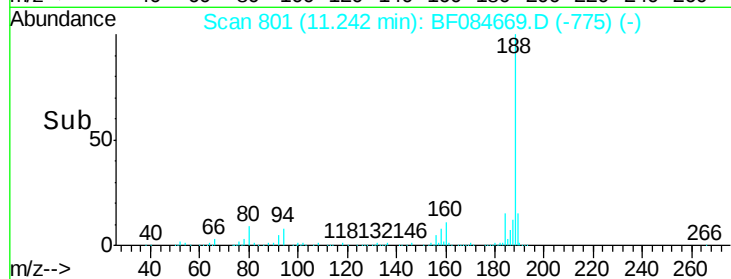
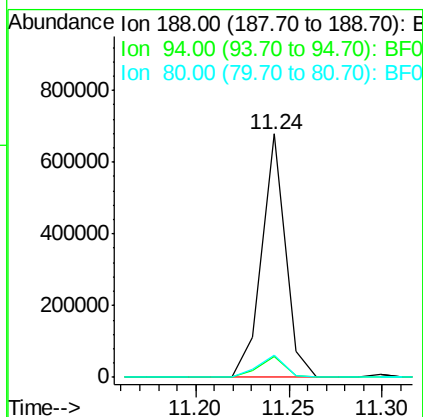
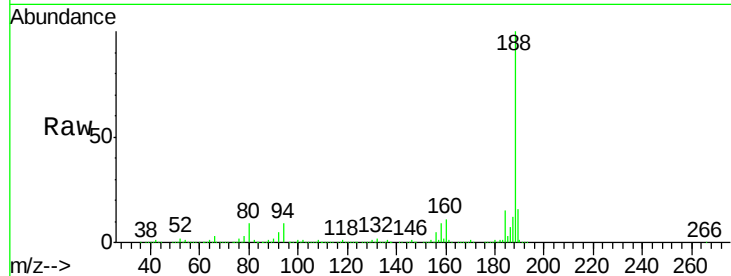




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

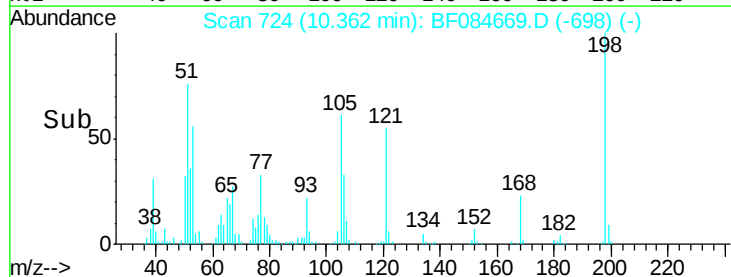
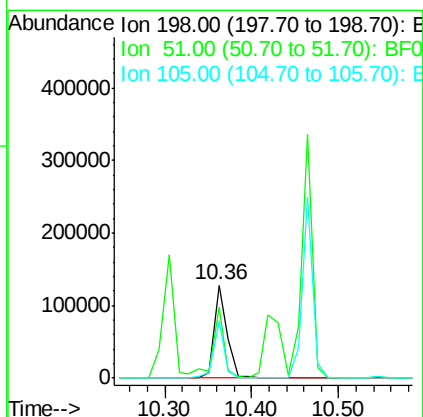
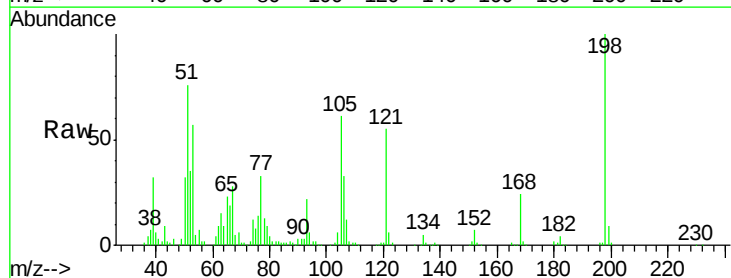
Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)MS

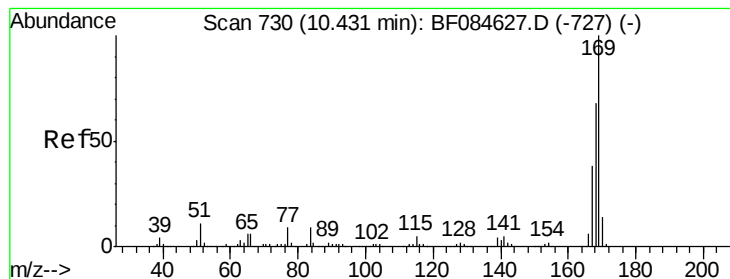
Tgt Ion:188 Resp: 595906
Ion Ratio Lower Upper
188 100
94 8.7 9.0 13.4#
80 9.1 9.6 14.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 34.82 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Tgt Ion:198 Resp: 135509
Ion Ratio Lower Upper
198 100
51 76.3 18.9 58.9#
105 61.1 26.4 66.4





#65

n-Nitrosodiphenylamine

Concen: 40.77 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MS

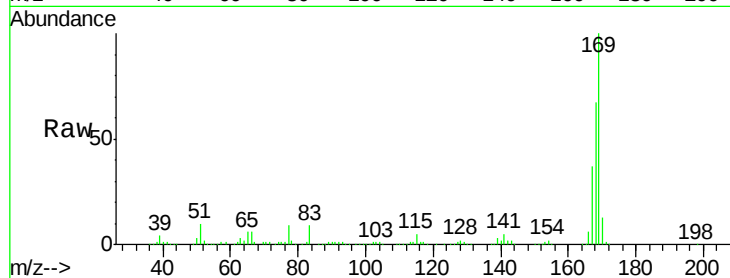
Tgt Ion:169 Resp: 787740

Ion Ratio Lower Upper

169 100

168 67.1 55.1 82.7

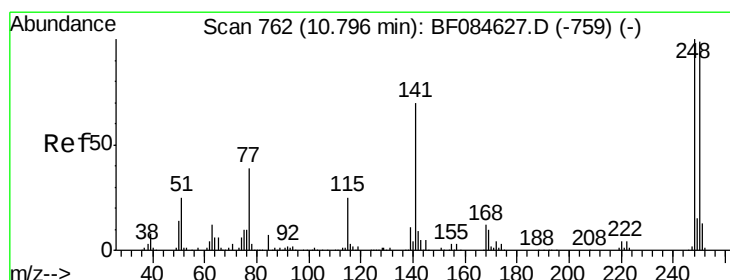
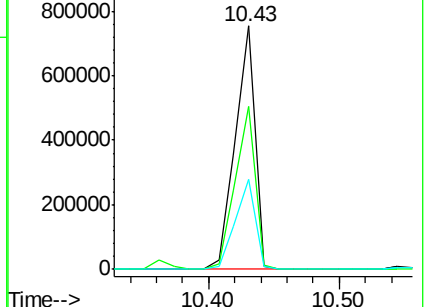
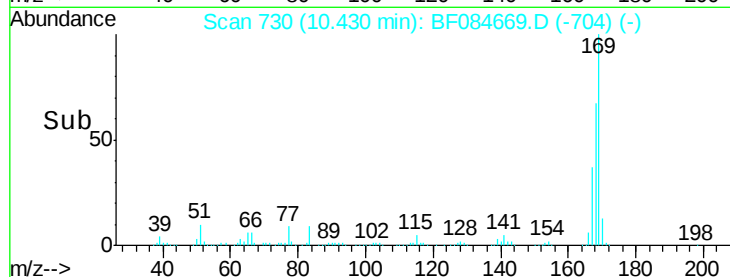
167 36.8 30.0 45.0



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: 38.56 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

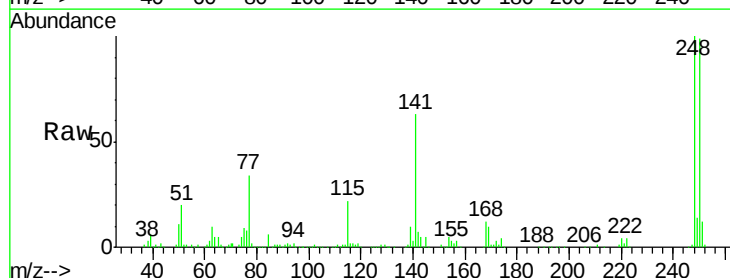
Tgt Ion:248 Resp: 258791

Ion Ratio Lower Upper

248 100

250 98.5 78.4 117.6

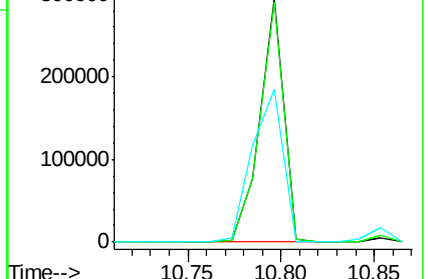
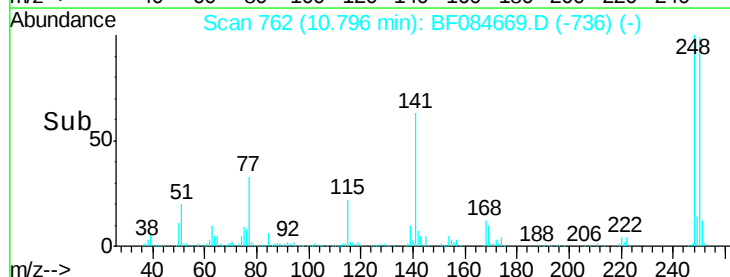
141 62.8 44.0 66.0

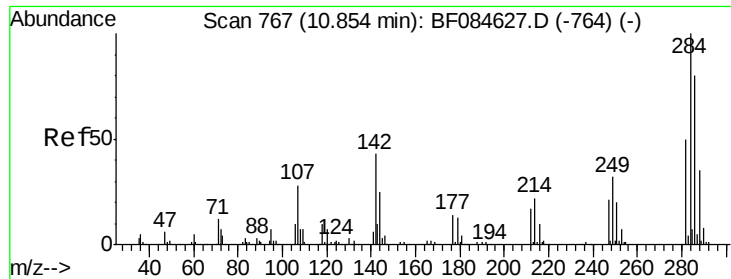


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 35.84 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MS

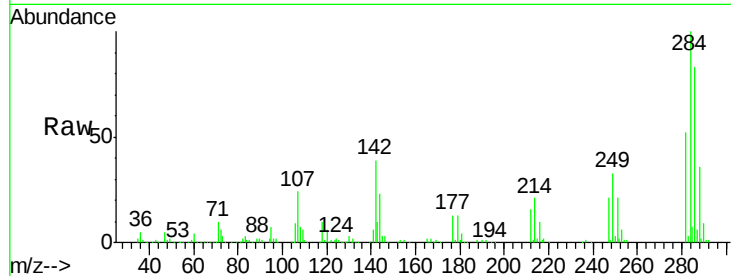
Tgt Ion:284 Resp: 261621

Ion Ratio Lower Upper

284 100

142 39.2 22.2 33.4#

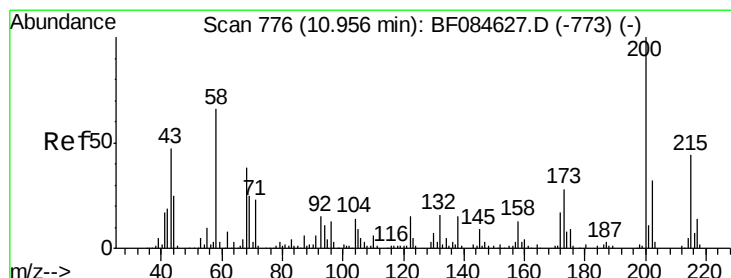
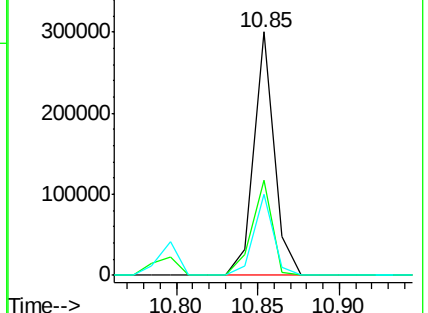
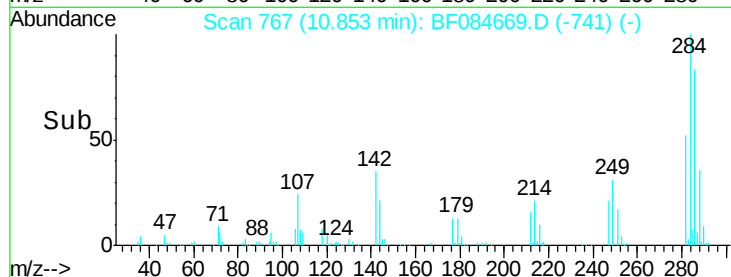
249 33.3 24.6 37.0



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: 37.31 ng

RT: 10.96 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

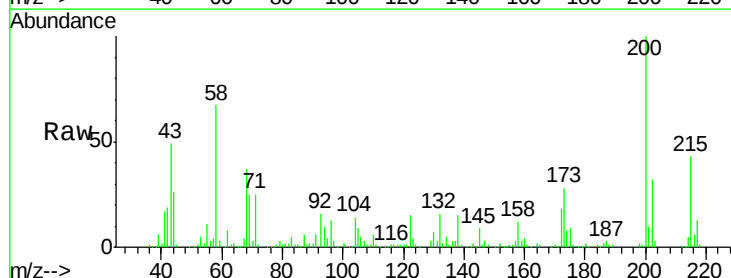
Tgt Ion:200 Resp: 215974

Ion Ratio Lower Upper

200 100

173 27.8 9.5 49.5

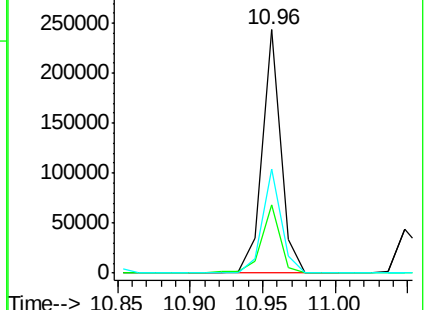
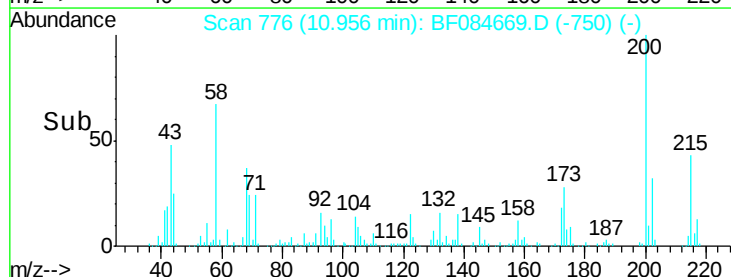
215 42.6 23.8 63.8

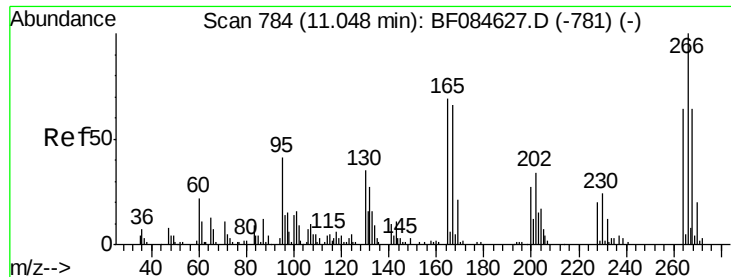


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

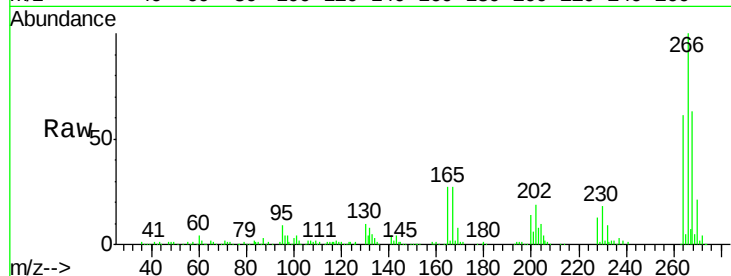




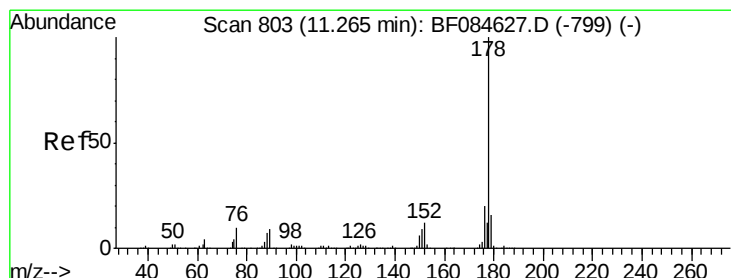
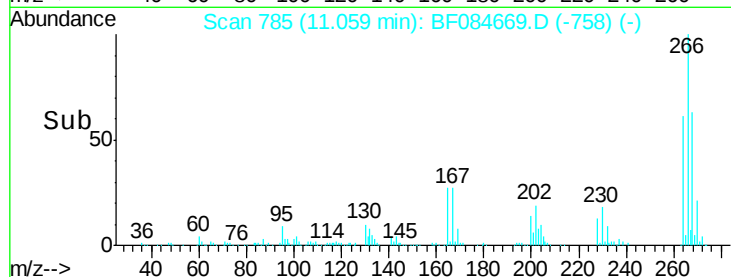
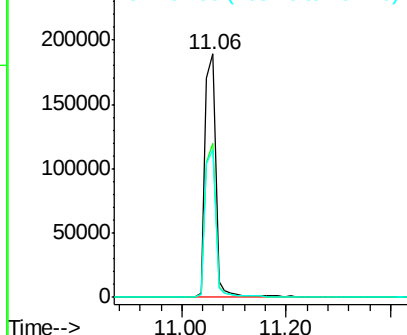
#69
 Pentachlorophenol
 Concen: 78.23 ng
 RT: 11.06 min Scan# 785
 Delta R.T. 0.01 min
 Lab File: BF084669.D
 Acq: 30 Jan 2016 7:28

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

Tgt Ion:266 Resp: 275897
 Ion Ratio Lower Upper
 266 100
 268 63.4 52.4 78.6
 264 60.5 50.2 75.2

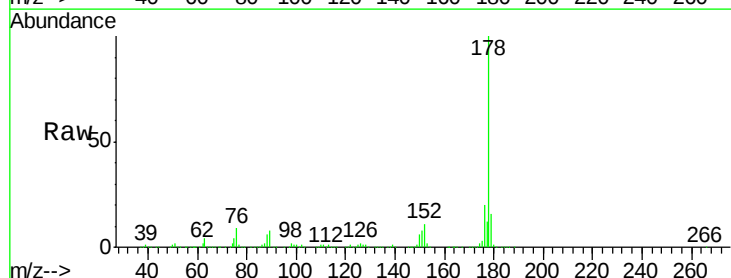


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

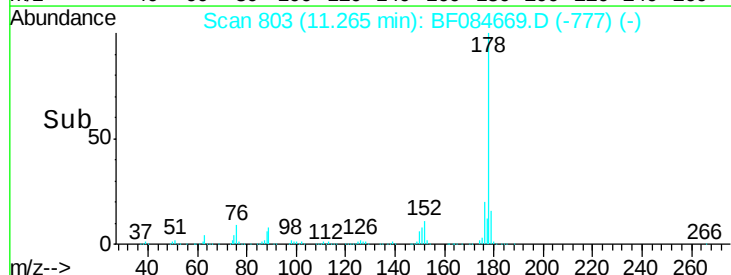
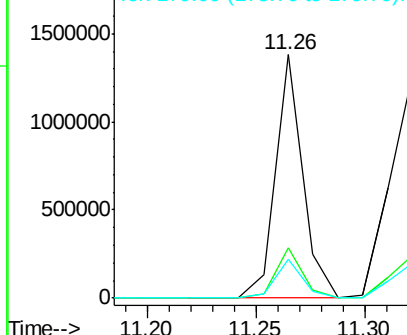


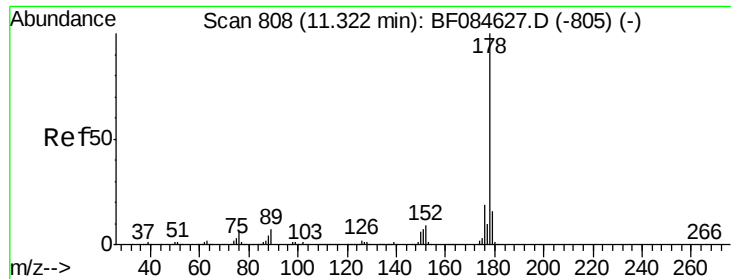
#70
 Phenanthrene
 Concen: 36.91 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF084669.D
 Acq: 30 Jan 2016 7:28

Tgt Ion:178 Resp: 1216201
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.3 22.9
 179 16.0 12.0 18.0



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

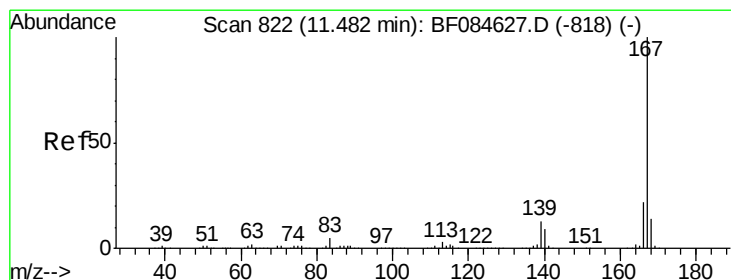
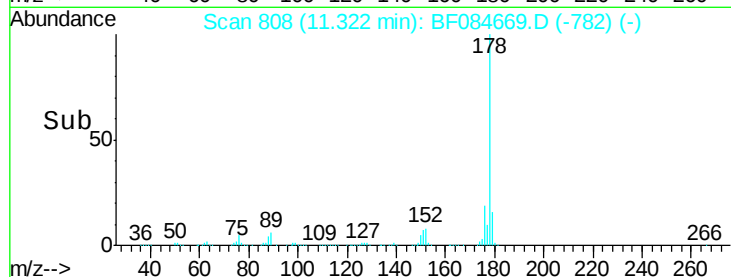
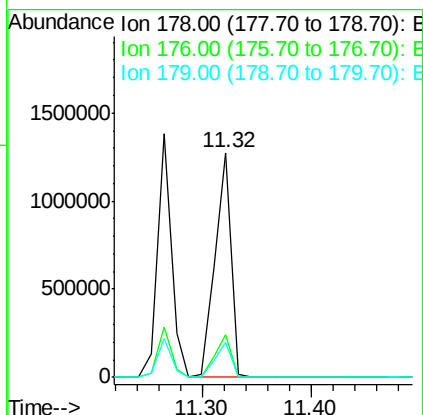
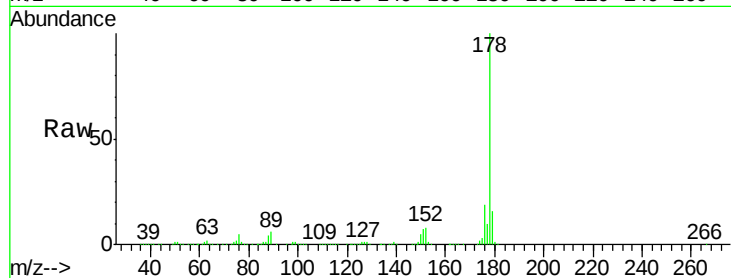




#71
 Anthracene
 Concen: 39.86 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF084669.D
 Acq: 30 Jan 2016 7:28

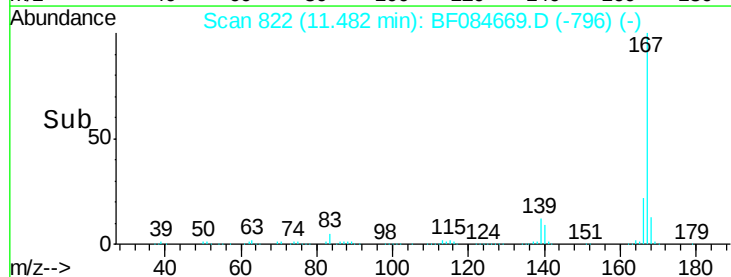
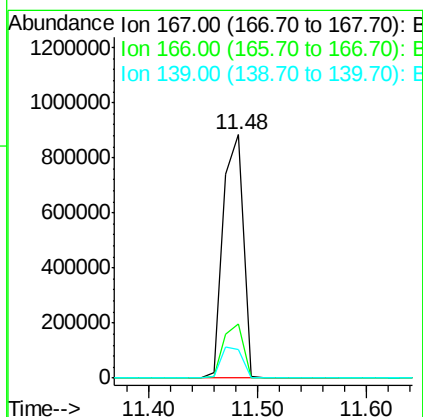
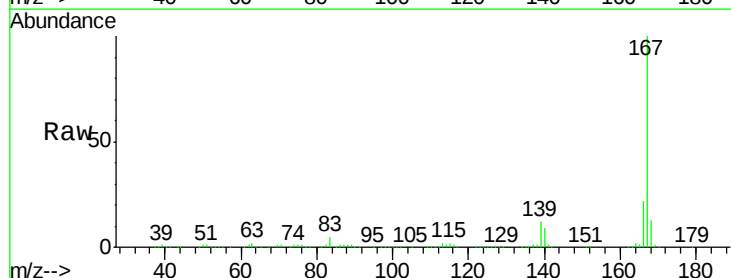
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(20-23)MS

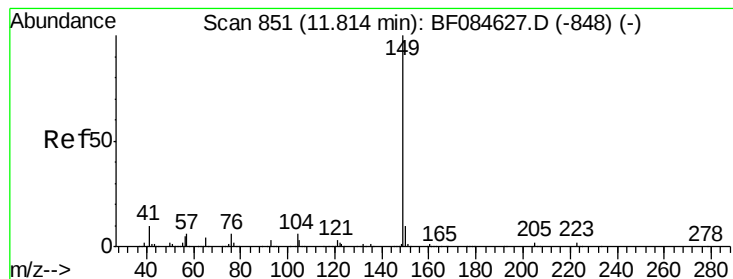
Tgt Ion:178 Resp: 1335383
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.0
 179 15.6 12.5 18.7



#72
 Carbazole
 Concen: 39.41 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF084669.D
 Acq: 30 Jan 2016 7:28

Tgt Ion:167 Resp: 1138045
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 11.9 11.8 17.8





#73

Di-n-butylphthalate

Concen: 37.08 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MS

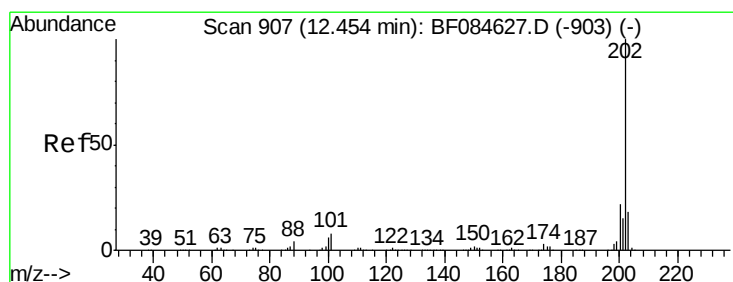
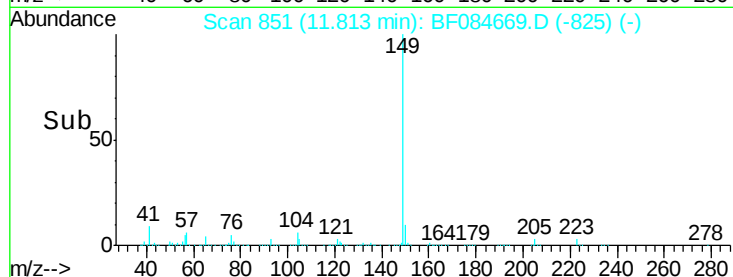
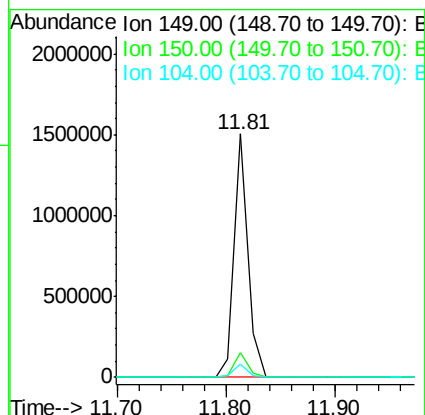
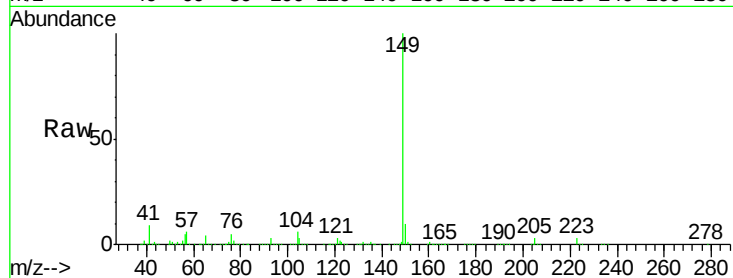
Tgt Ion:149 Resp: 1302210

Ion Ratio Lower Upper

149 100

150 10.0 7.1 10.7

104 5.6 3.2 4.8#



#74

Fluoranthene

Concen: 41.95 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

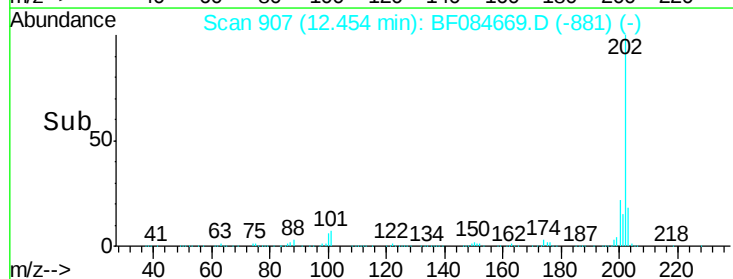
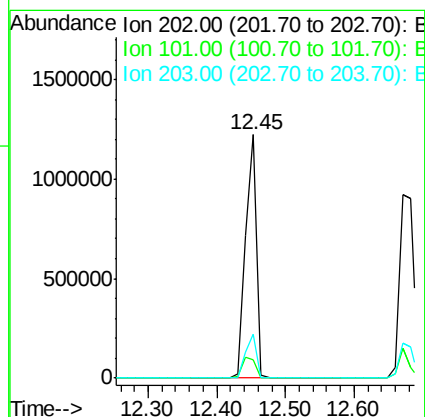
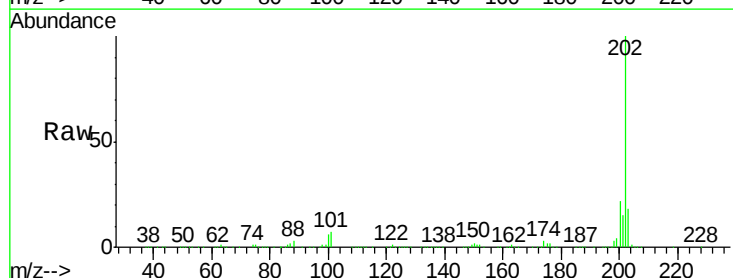
Tgt Ion:202 Resp: 1366725

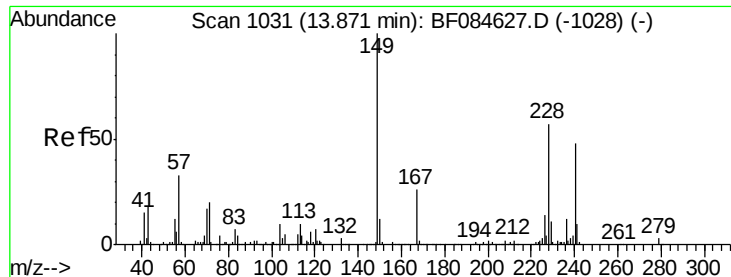
Ion Ratio Lower Upper

202 100

101 7.4 0.0 32.8

203 18.0 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: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

ClientSampleId :

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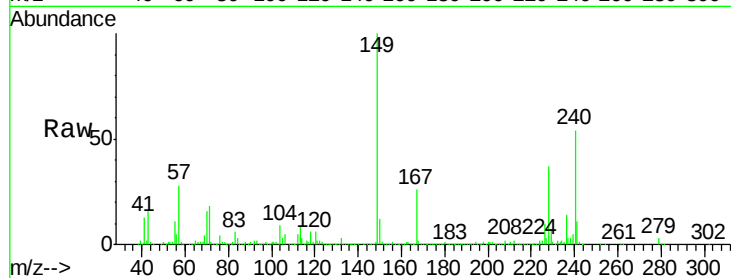
Tgt Ion:240 Resp: 413062

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

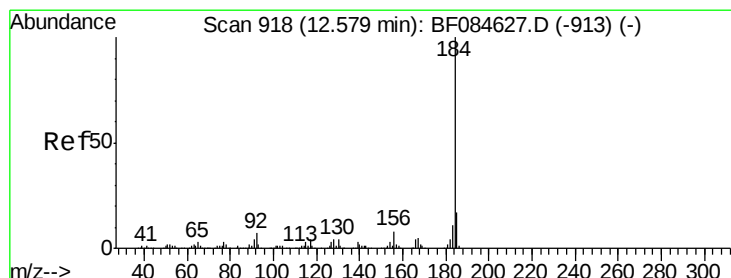
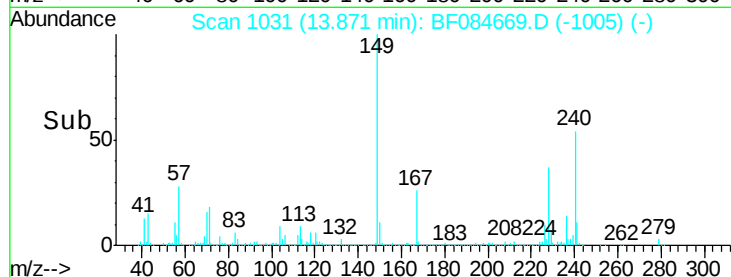
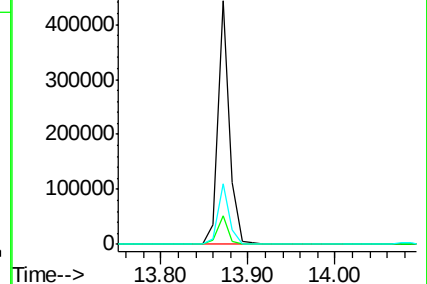
236 25.0 20.6 31.0



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: 31.95 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

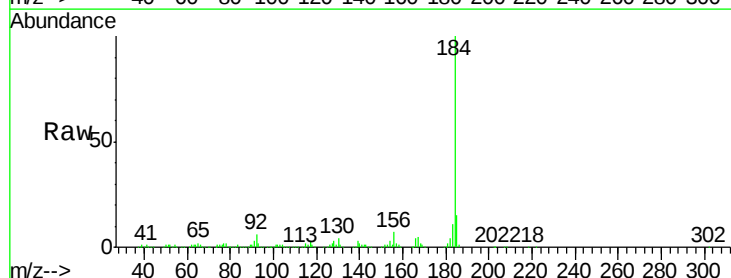
Tgt Ion:184 Resp: 501910

Ion Ratio Lower Upper

184 100

185 15.5 12.2 18.2

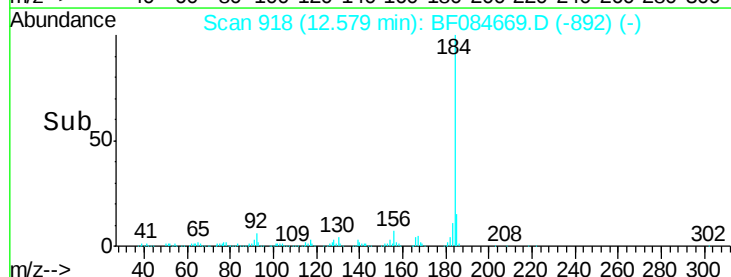
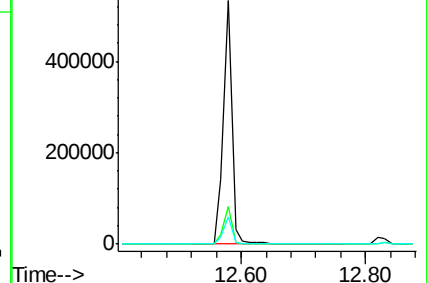
183 11.5 9.8 14.8

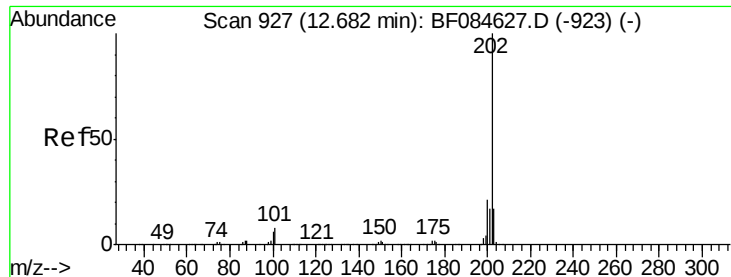


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 41.72 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MS

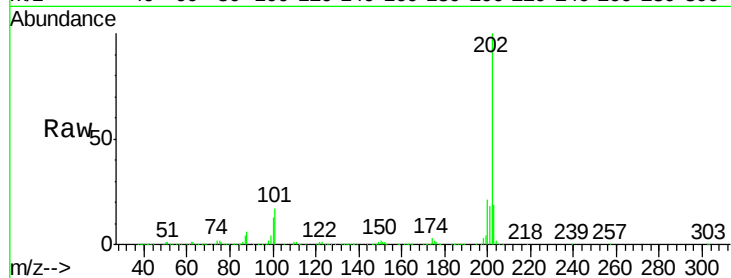
Tgt Ion:202 Resp: 1299692

Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

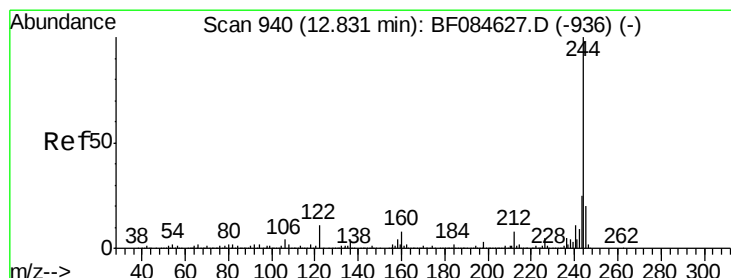
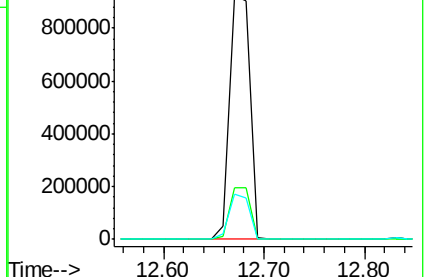
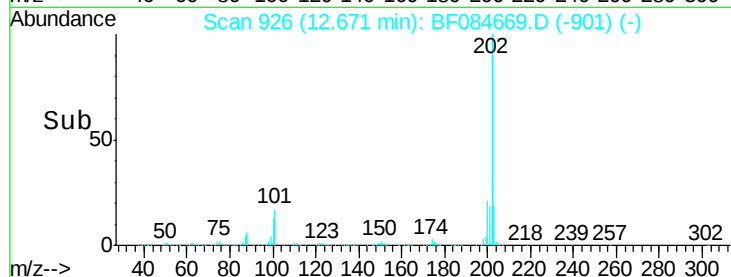
203 18.8 14.3 21.5



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: 69.99 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

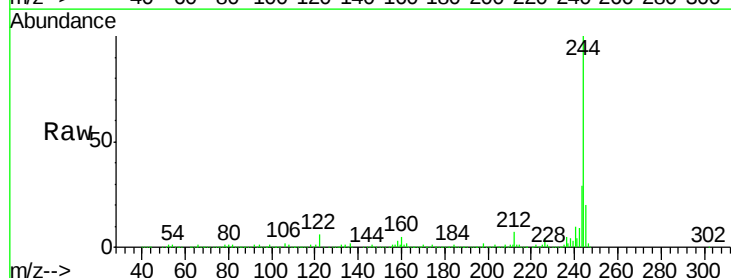
Tgt Ion:244 Resp: 1280078

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

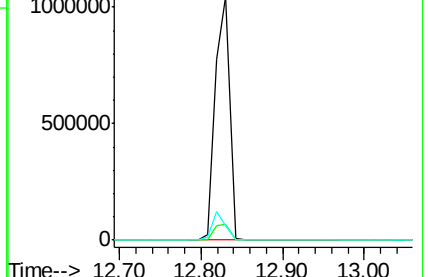
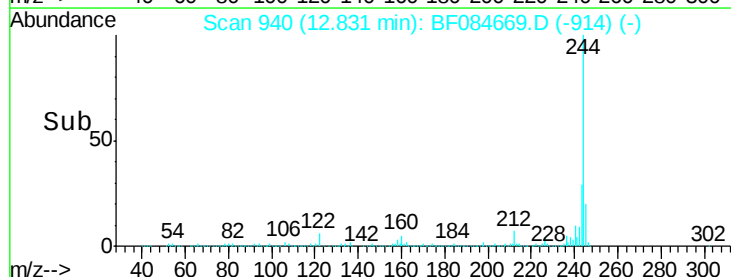
122 6.0 7.4 11.0#

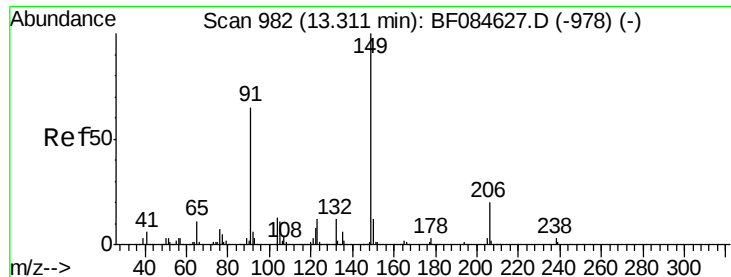


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.32 ng

RT: 13.31 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MS

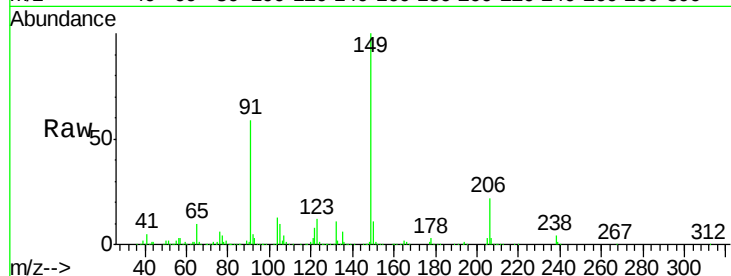
Tgt Ion:149 Resp: 563209

Ion Ratio Lower Upper

149 100

91 59.2 57.6 86.4

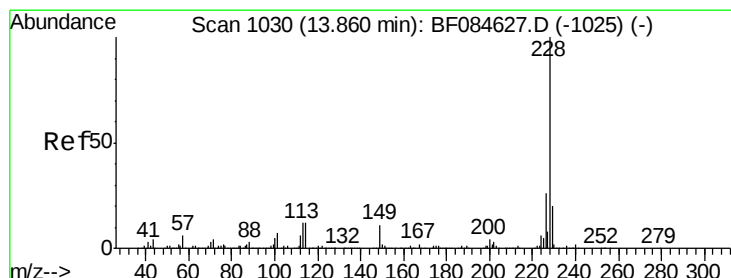
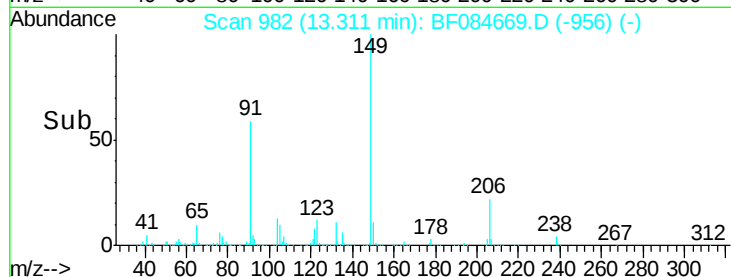
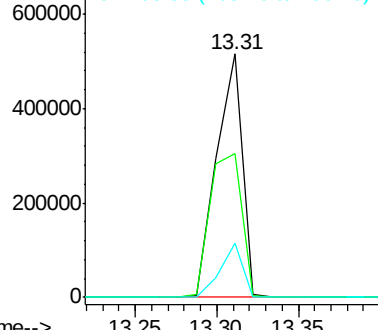
206 22.4 13.2 19.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.30 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

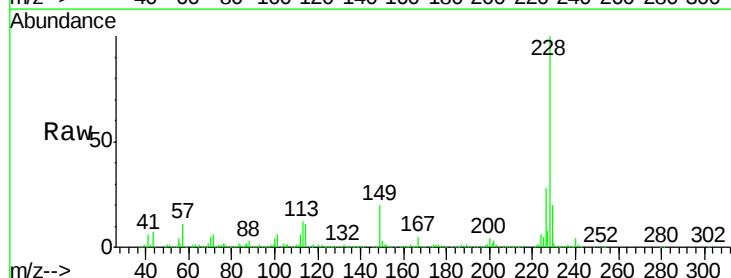
Tgt Ion:228 Resp: 960523

Ion Ratio Lower Upper

228 100

226 28.0 21.8 32.6

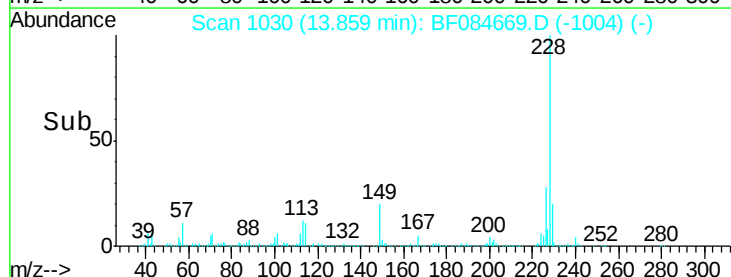
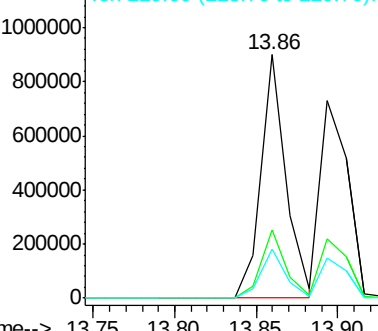
229 20.0 15.8 23.8

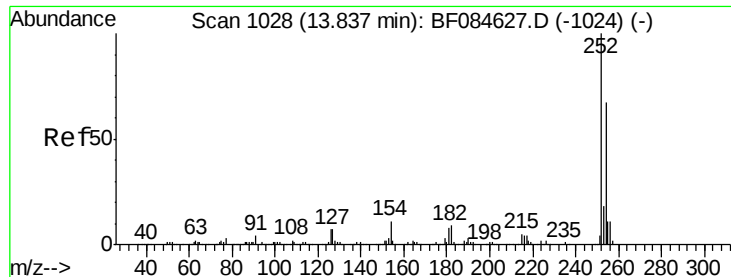


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

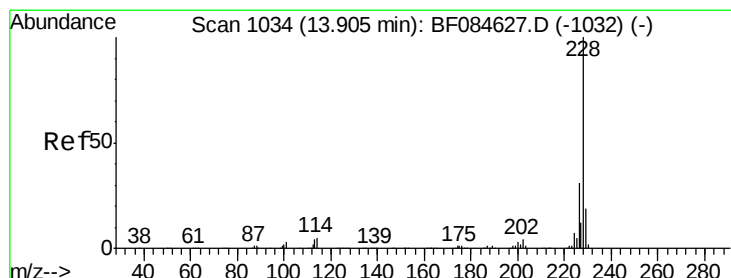
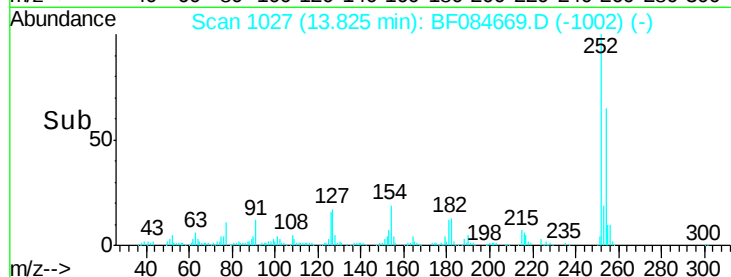
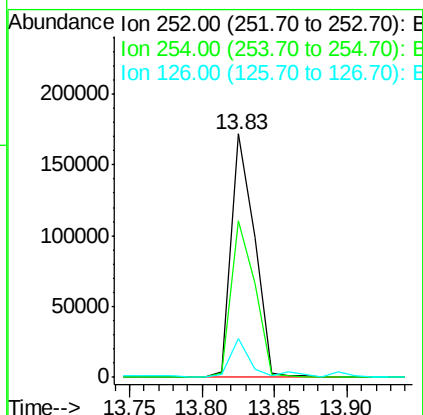
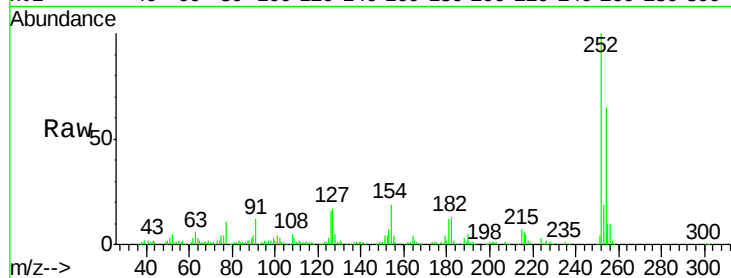




#81
 3,3'-Dichlorobenzidine
 Concen: 21.23 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BF084669.D
 Acq: 30 Jan 2016 7:28

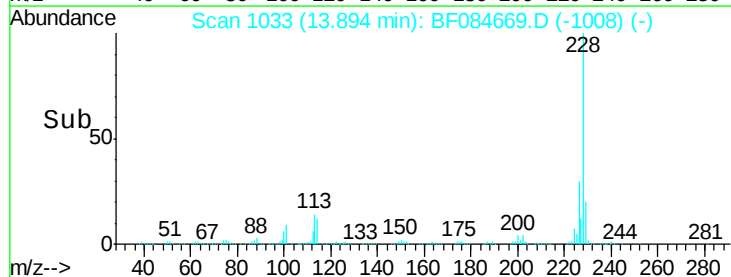
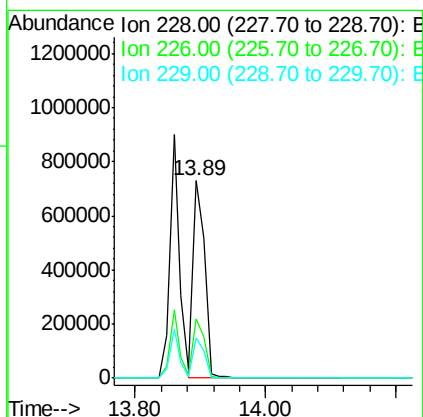
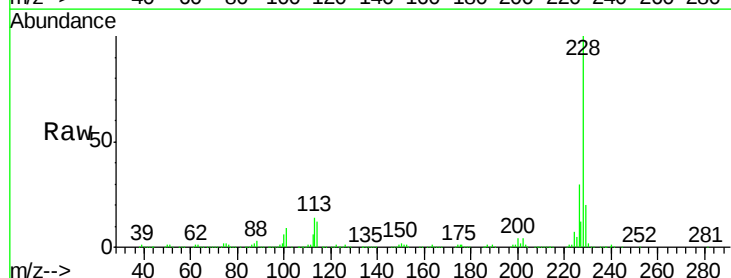
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(20-23)MS

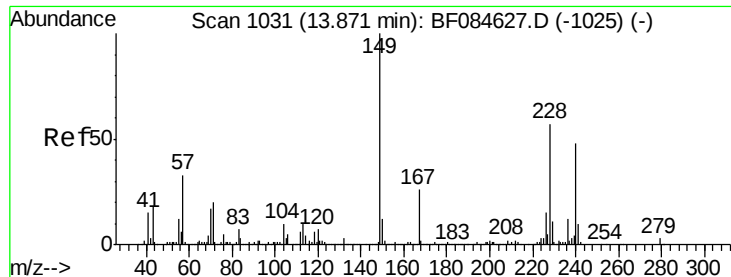
Tgt Ion:252 Resp: 192320
 Ion Ratio Lower Upper
 252 100
 254 64.5 53.5 80.3
 126 15.7 4.9 7.3#



#82
 Chrysene
 Concen: 34.79 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF084669.D
 Acq: 30 Jan 2016 7:28

Tgt Ion:228 Resp: 882959
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.3 36.5
 229 20.4 16.1 24.1

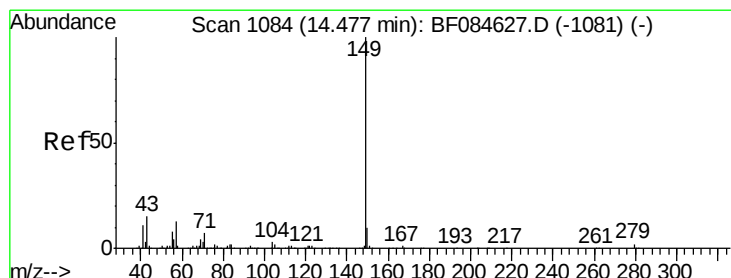
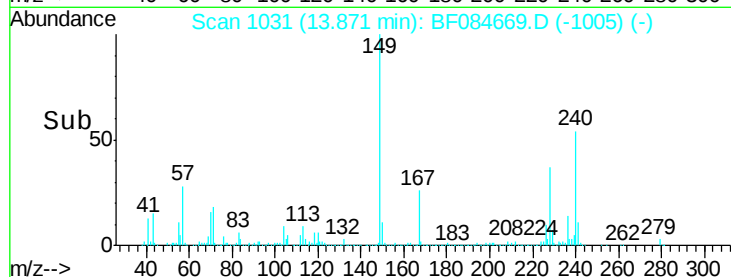
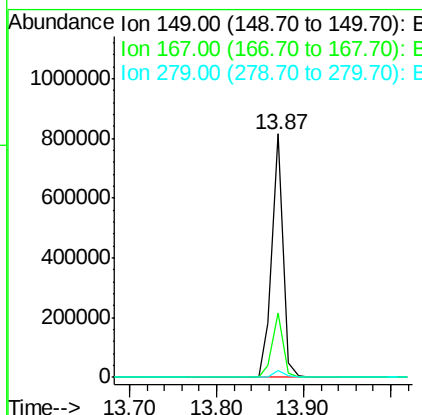
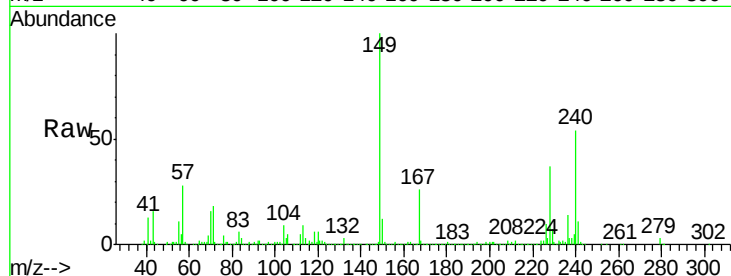




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.98 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BF084669.D
 Acq: 30 Jan 2016 7:28

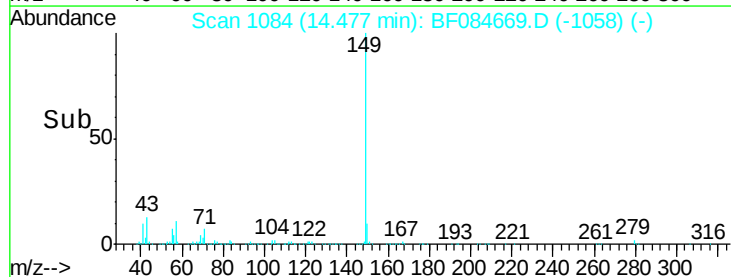
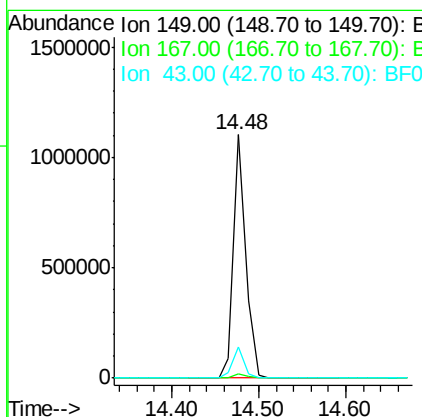
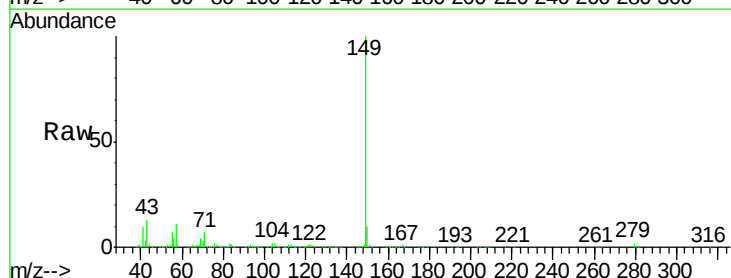
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(20-23)MS

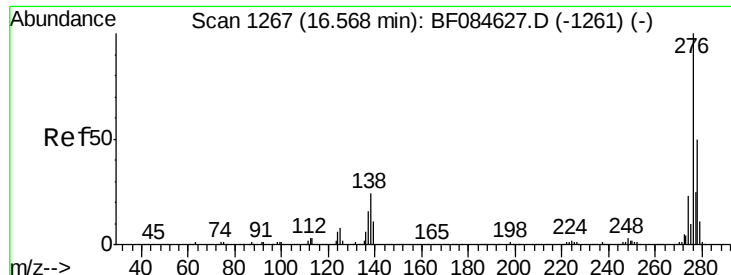
Tgt Ion:149 Resp: 724794
 Ion Ratio Lower Upper
 149 100
 167 26.3 19.7 29.5
 279 2.8 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 39.47 ng
 RT: 14.48 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF084669.D
 Acq: 30 Jan 2016 7:28

Tgt Ion:149 Resp: 1076789
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 12.0 5.6 8.4#

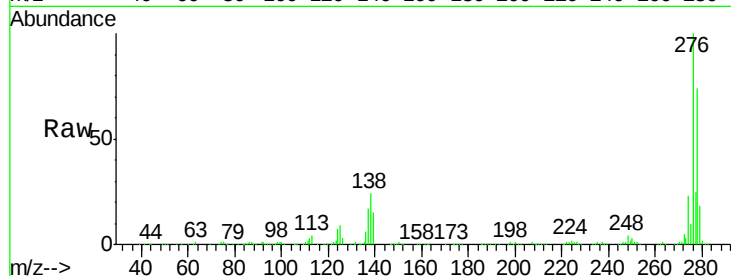




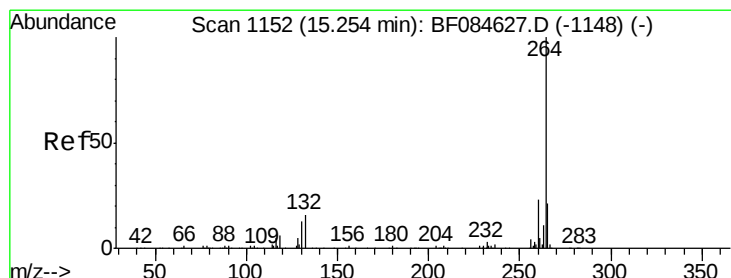
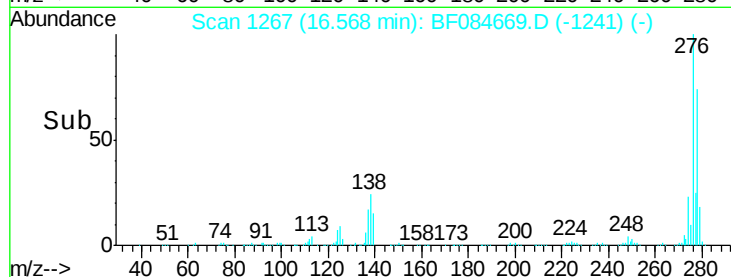
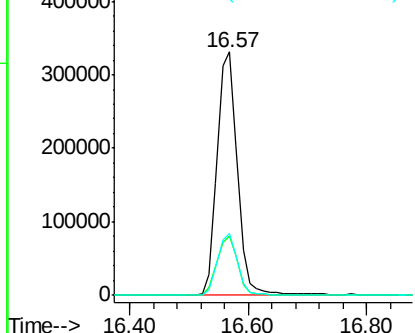
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.03 ng
 RT: 16.57 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: BF084669.D
 Acq: 30 Jan 2016 7:28

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

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.6	30.8
277	25.3	20.1	30.1

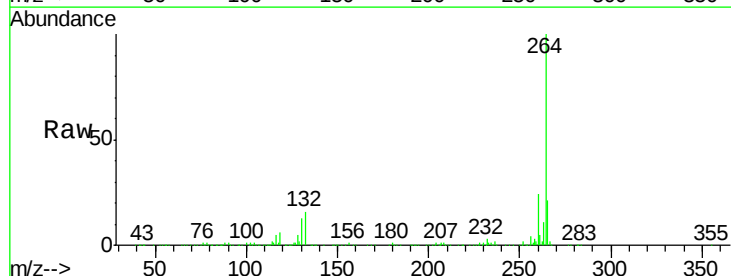


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

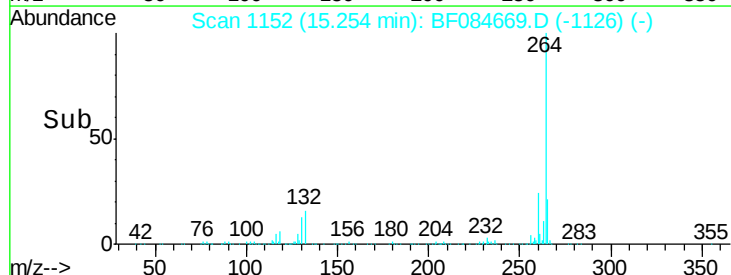
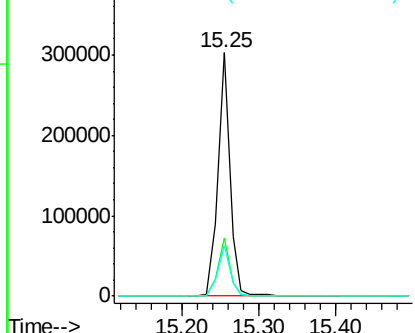


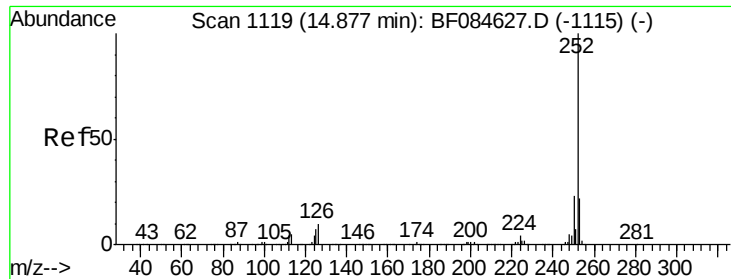
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.25 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF084669.D
 Acq: 30 Jan 2016 7:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	20.7	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

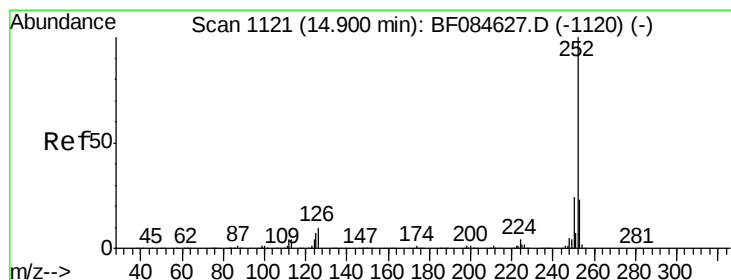
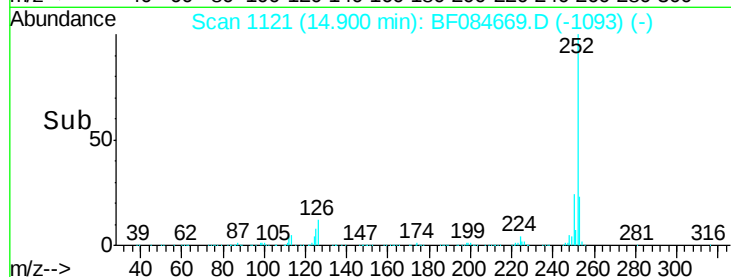
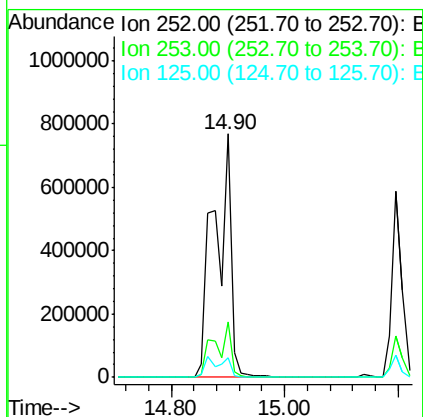
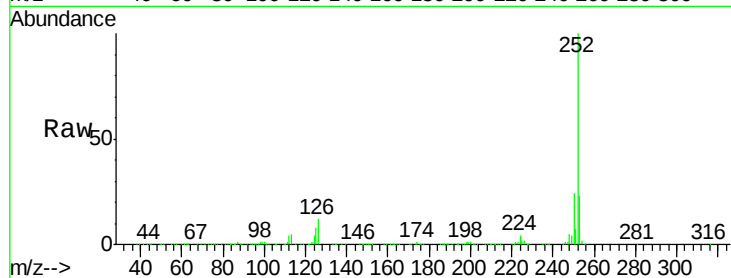




#87
Benzo(b)fluoranthene
Concen: 72.27 ng
RT: 14.90 min Scan# 1121
Delta R.T. 0.02 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

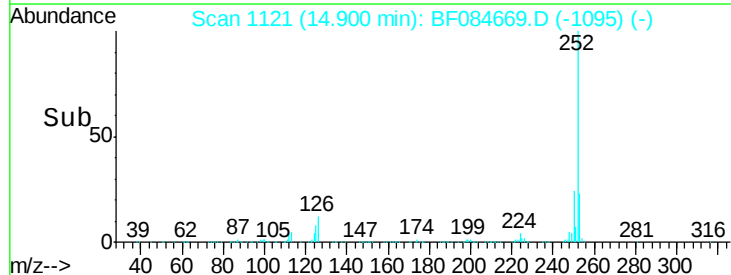
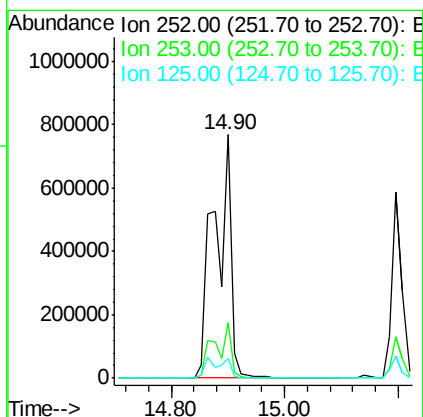
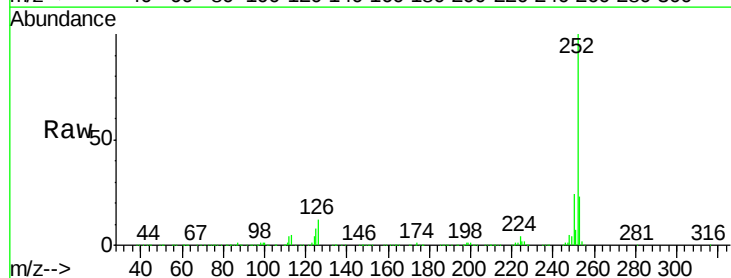
Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)MS

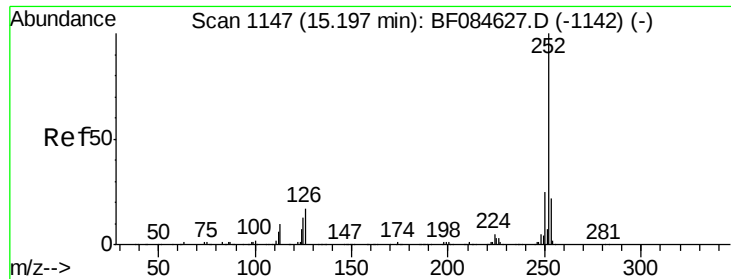
Tgt Ion:252 Resp: 1563474
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 8.1 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 87.49 ng
RT: 14.90 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF084669.D
Acq: 30 Jan 2016 7:28

Tgt Ion:252 Resp: 1563474
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 8.1 9.0 13.6#





#89

Benzo(a)pyrene

Concen: 38.76 ng

RT: 15.20 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MS

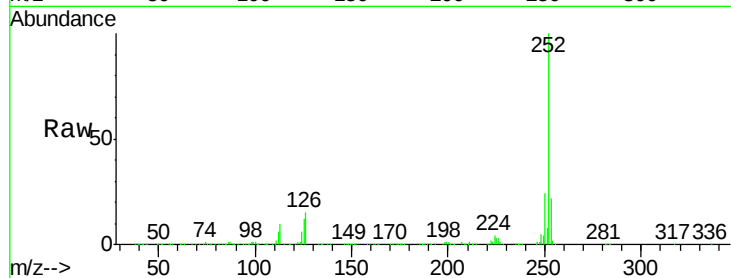
Tgt Ion:252 Resp: 725413

Ion Ratio Lower Upper

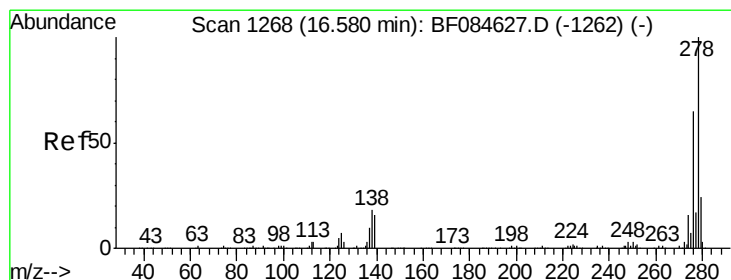
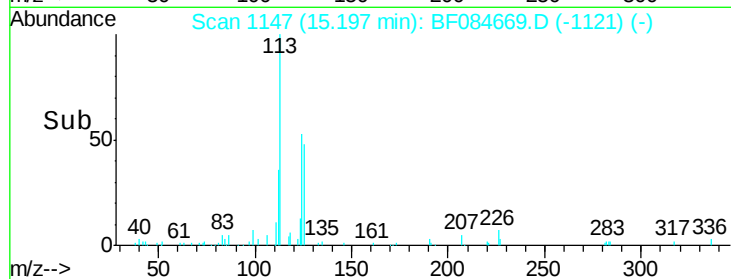
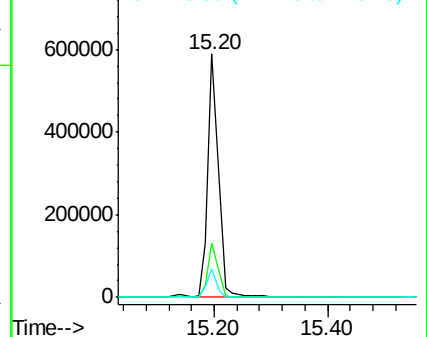
252 100

253 22.4 17.3 25.9

125 11.8 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.60 ng

RT: 16.58 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BF084669.D

Acq: 30 Jan 2016 7:28

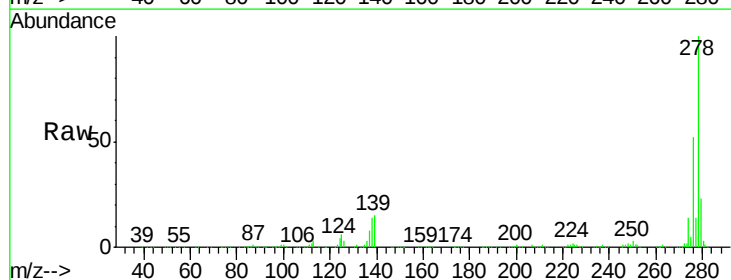
Tgt Ion:278 Resp: 651094

Ion Ratio Lower Upper

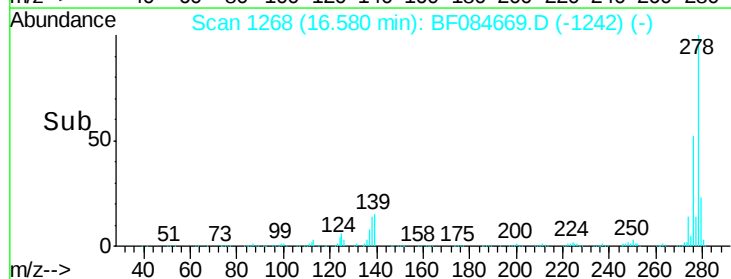
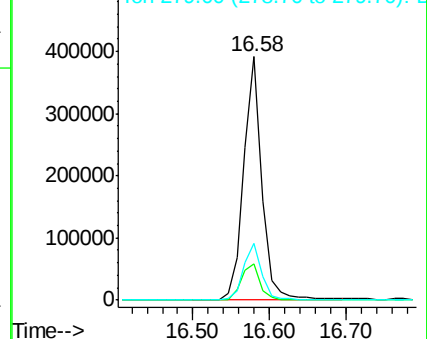
278 100

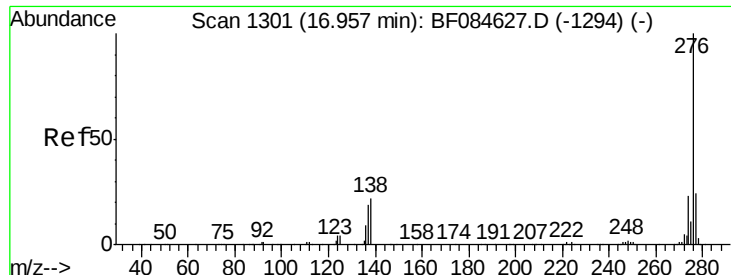
139 14.8 15.0 22.4#

279 23.3 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 40.32 ng

RT: 16.96 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF084669.D

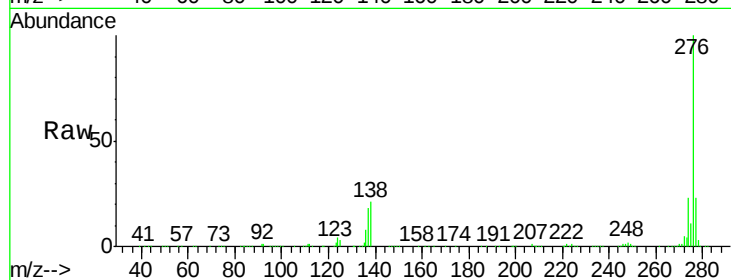
Acq: 30 Jan 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(20-23)MS



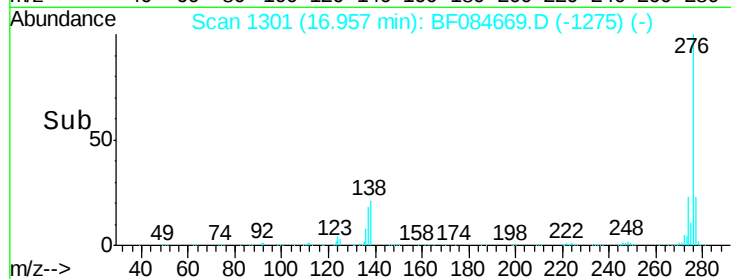
Tgt Ion: 276 Resp: 686551

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 21.3 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

