

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
 Data File : BF083545.D
 Acq On : 7 Dec 2015 6:18
 Operator : UM/IZ
 Sample : G4594-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 K204-0-2MS

Quant Time: Dec 07 06:54:56 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.73	152	161363	20.00	ng	-0.03
21) Naphthalene-d8	7.64	136	592854	20.00	ng	-0.03
38) Acenaphthene-d10	10.43	164	271215	20.00	ng	-0.03
63) Phenanthrene-d10	12.82	188	420121	20.00	ng	-0.03
75) Chrysene-d12	17.04	240	298937	20.00	ng	-0.01
86) Perylene-d12	18.67	264	273483	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.03	112	1171594	110.15	ng	0.00
7) Phenol-d6	5.31	99	1521169	103.80	ng	-0.01
23) Nitrobenzene-d5	6.57	82	974862	76.86	ng	-0.03
41) 2,4,6-Tribromophenol	11.72	330	239474	95.72	ng	-0.03
44) 2-Fluorobiphenyl	9.39	172	1375992	68.81	ng	-0.03
78) Terphenyl-d14	15.46	244	869833	64.75	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.89	88	159400	28.57	ng	92
3) Pyridine	2.35	79	142014	10.67	ng	88
4) n-Nitrosodimethylamine	2.29	42	239971	35.78	ng	95
6) Aniline	5.40	93	526034	27.58	ng	# 52
8) 2-Chlorophenol	5.46	128	419641	35.48	ng	97
9) Benzaldehyde	5.13	77	242663	28.88	ng	# 83
10) Phenol	5.33	94	620412	36.20	ng	# 72
11) bis(2-Chloroethyl)ether	5.40	93	526034	41.42	ng	95
12) 1,3-Dichlorobenzene	5.65	146	445262	33.94	ng	99
13) 1,4-Dichlorobenzene	5.76	146	448527	33.48	ng	99
14) 1,2-Dichlorobenzene	5.97	146	427666	34.72	ng	99
15) Benzyl Alcohol	5.98	79	409928	40.32	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.17	45	813149	34.53	ng	87
17) 2-Methylphenol	6.18	107	338952	34.72	ng	95
18) Hexachloroethane	6.45	117	177713	38.01	ng	# 86
19) n-Nitroso-di-n-propylamine	6.37	70	357047	36.52	ng	93
20) 3+4-Methylphenols	6.42	107	462385	36.46	ng	90
22) Acetophenone	6.35	105	685500	40.14	ng	98
24) Nitrobenzene	6.59	77	505490	36.19	ng	99
25) Isophorone	6.97	82	883629	36.28	ng	97
26) 2-Nitrophenol	7.07	139	210460	38.18	ng	94
27) 2,4-Dimethylphenol	7.20	122	331807	34.07	ng	96
28) bis(2-Chloroethoxy)methane	7.32	93	555674	40.94	ng	99
29) 2,4-Dichlorophenol	7.47	162	335170	38.11	ng	95
30) 1,2,4-Trichlorobenzene	7.56	180	351486	36.15	ng	98
31) Naphthalene	7.68	128	1480402	46.91	ng	98
32) Benzoic acid	7.45	122	110383	22.10	ng	95
33) 4-Chloroaniline	7.82	127	38819	3.14	ng	# 84
34) Hexachlorobutadiene	7.88	225	203124	35.35	ng	100
35) Caprolactam	8.40	113	105058	37.56	ng	89
36) 4-Chloro-3-methylphenol	8.65	107	344609	34.82	ng	# 84
37) 2-Methylnaphthalene	8.77	142	810125	41.52	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	321554	36.06	ng	# 100
42) 2,4,6-Trichlorophenol	9.26	196	216012	38.58	ng	99

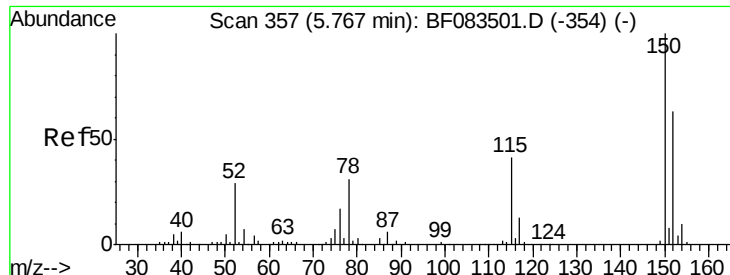
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.34	196	225271	39.06	ng	98
45) 1,1'-Biphenyl	9.54	154	848081	35.19	ng	99
46) 2-Chloronaphthalene	9.55	162	634715	34.95	ng	99
47) 2-Nitroaniline	9.76	65	249753	38.60	ng	90
48) Acenaphthylene	10.20	152	1769405	59.50	ng	99
49) Dimethylphthalate	10.09	163	1240095	58.09	ng	100
50) 2,6-Dinitrotoluene	10.17	165	153420	34.13	ng	93
51) Acenaphthene	10.49	154	633913	37.04	ng	99
52) 3-Nitroaniline	10.43	138	64390	13.29	ng	# 91
53) 2,4-Dinitrophenol	10.62	184	58660	30.52	ng	97
54) Dibenzofuran	10.77	168	972398	41.01	ng	99
55) 4-Nitrophenol	10.96	139	13046	4.78	ng	91
56) 2,4-Dinitrotoluene	10.82	165	186794	31.82	ng	# 92
57) Fluorene	11.32	166	844666	40.95	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.00	232	165981	38.48	ng	# 100
59) Diethylphthalate	11.23	149	741679	36.11	ng	98
60) 4-Chlorophenyl-phenylether	11.34	204	329740	33.36	ng	98
61) 4-Nitroaniline	11.41	138	92854	21.15	ng	81
62) Azobenzene	11.60	77	295821	13.50	ng	95
64) 4,6-Dinitro-2-methylphenol	11.48	198	46674	18.75	ng	# 78
65) n-Nitrosodiphenylamine	11.55	169	579393	41.66	ng	100
66) 4-Bromophenyl-phenylether	12.13	248	178908	38.97	ng	98
67) Hexachlorobenzene	12.21	284	183761	37.45	ng	# 85
68) Atrazine	12.48	200	57567	13.69	ng	95
69) Pentachlorophenol	12.57	266	186623	83.46	ng	98
70) Phenanthrene	12.86	178	1941631	79.40	ng	99
71) Anthracene	12.94	178	1411618	56.60	ng	99
72) Carbazole	13.24	167	807532	37.71	ng	97
73) Di-n-butylphthalate	13.88	149	1019604	39.53	ng	99
74) Fluoranthene	14.81	202	3047035	125.72	ng	96
77) Pyrene	15.17	202	3727721	166.70	ng	97
79) Butylbenzylphthalate	16.29	149	363329	41.32	ng	89
80) Benzo(a)anthracene	17.03	228	2444616	139.77	ng	93
81) 3,3'-Dichlorobenzidine	17.03	252	14556	2.60	ng	# 62
82) Chrysene	17.08	228	2164536	124.23	ng	97
83) Bis(2-ethylhexyl)phthalate	17.14	149	510709	44.26	ng	# 97
84) Di-n-octyl phthalate	17.91	149	829372	50.40	ng	# 100
85) Indeno(1,2,3-cd)pyrene	19.93	276	1397427	93.56	ng	# 100
87) Benzo(b)fluoranthene	18.31	252	3349882	218.11	ng	98
88) Benzo(k)fluoranthene	18.31	252	3349882	212.91	ng	97
89) Benzo(a)pyrene	18.63	252	1788526	119.72	ng	95
90) Dibenzo(a,h)anthracene	19.93	278	599955	41.74	ng	95
91) Benzo(g,h,i)perylene	20.28	276	1332729	92.01	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.73 min Scan# 354

Delta R.T. -0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

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BNA_G

ClientSampleId :

K204-0-2MS

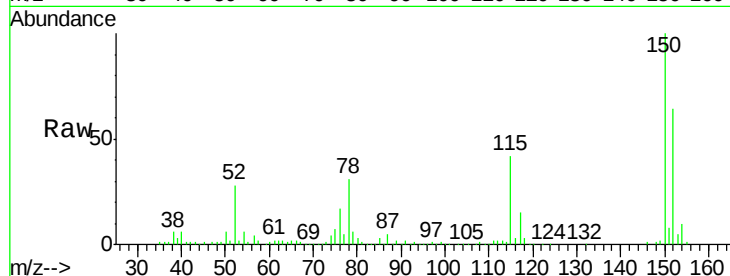
Tgt Ion:152 Resp: 161363

Ion Ratio Lower Upper

152 100

150 156.8 126.5 189.7

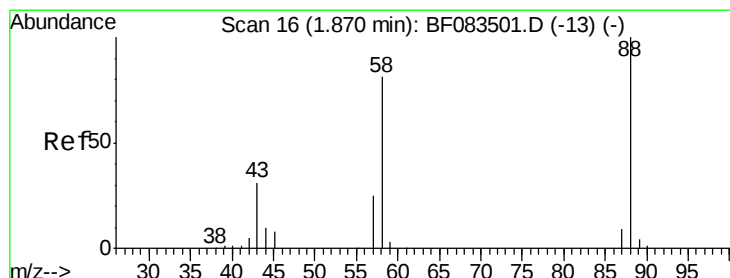
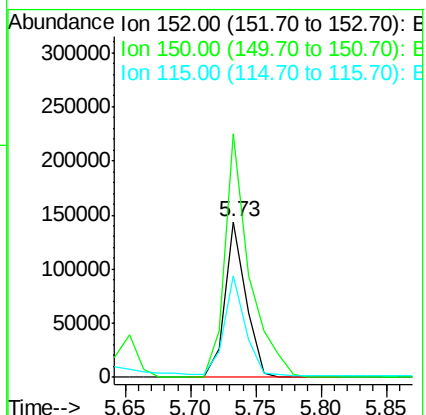
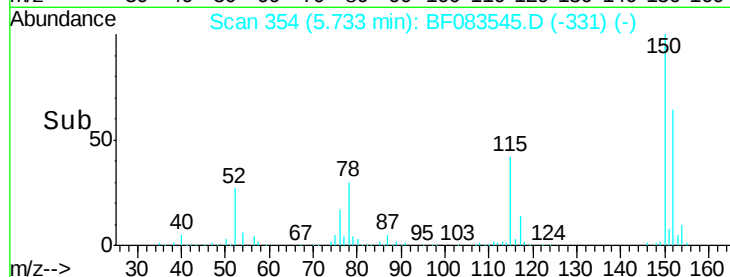
115 65.8 52.3 78.5



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: 28.57 ng

RT: 1.89 min Scan# 18

Delta R.T. 0.02 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

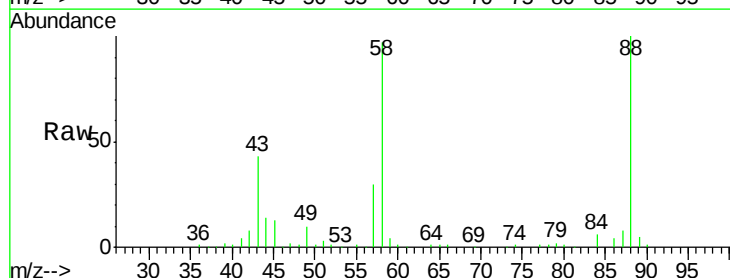
Tgt Ion: 88 Resp: 159400

Ion Ratio Lower Upper

88 100

58 92.0 68.0 102.0

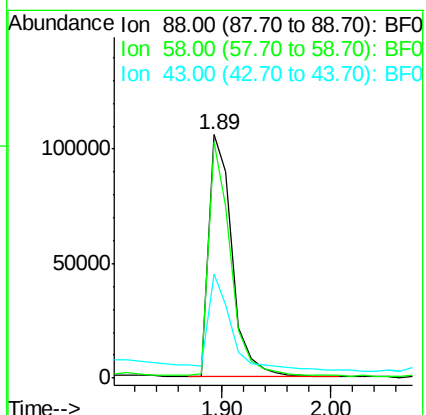
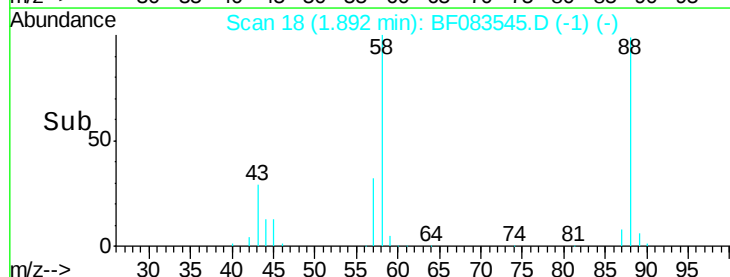
43 39.8 27.9 41.9

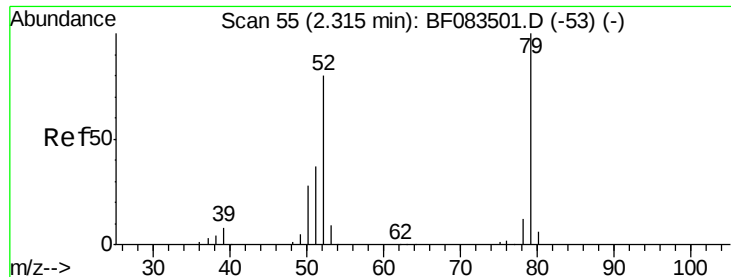


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 10.67 ng

RT: 2.35 min Scan# 58

Delta R.T. 0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Instrument :

BNA_G

ClientSampleId :

K204-0-2MS

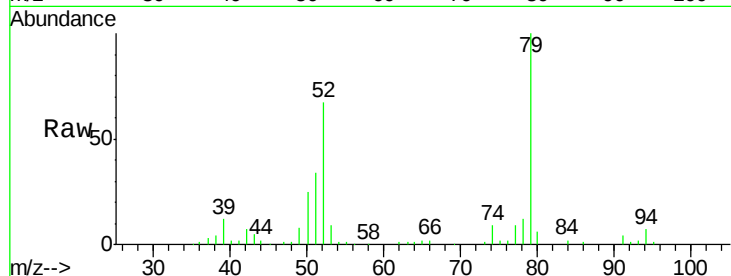
Tgt Ion: 79 Resp: 142014

Ion Ratio Lower Upper

79 100

52 66.8 63.7 95.5

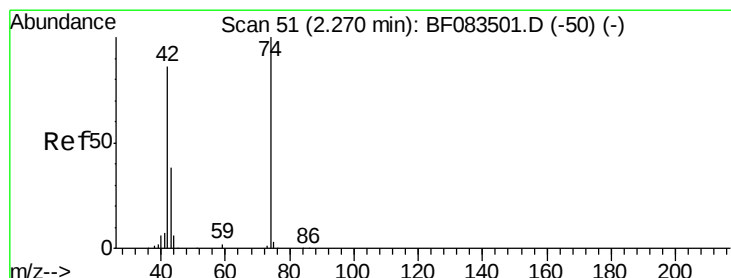
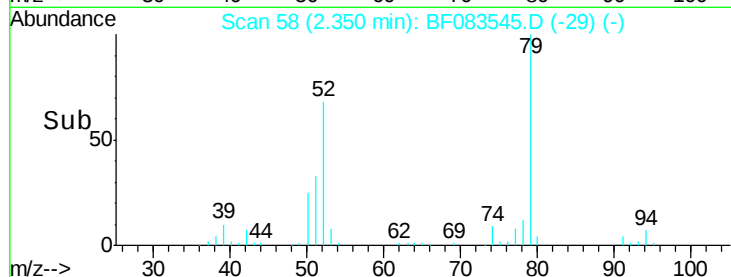
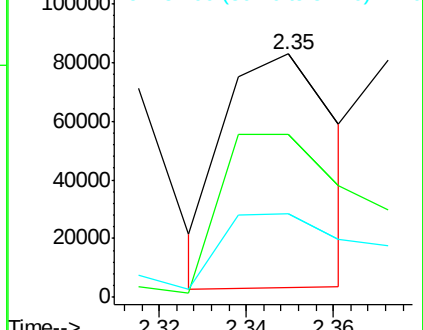
51 34.2 30.6 45.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.78 ng

RT: 2.29 min Scan# 53

Delta R.T. 0.02 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

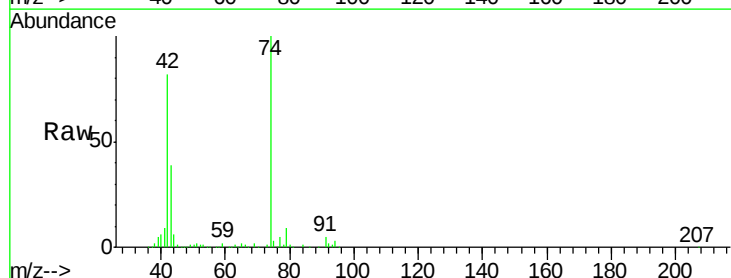
Tgt Ion: 42 Resp: 239971

Ion Ratio Lower Upper

42 100

74 121.6 92.9 139.3

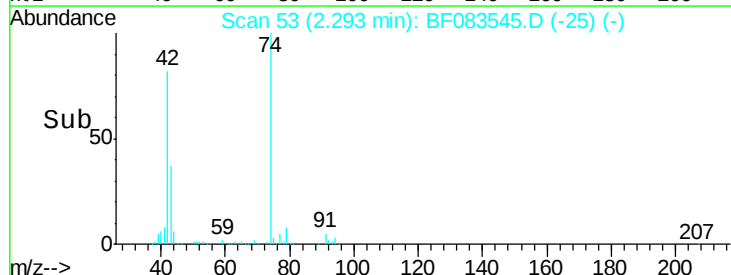
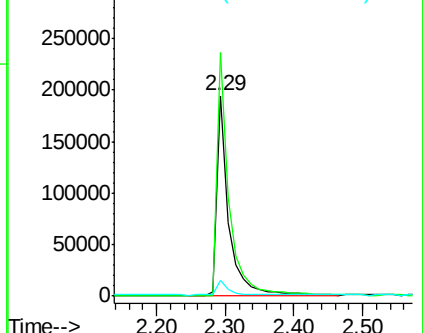
44 7.7 5.7 8.5

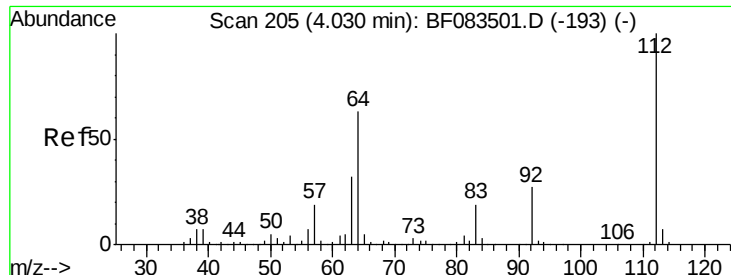


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 110.15 ng

RT: 4.03 min Scan# 205

Delta R.T. -0.00 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Instrument :

BNA_G

ClientSampleId :

K204-0-2MS

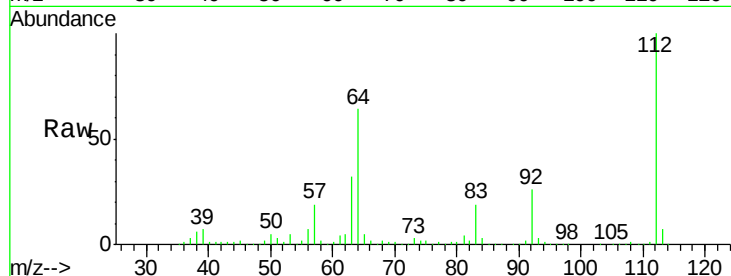
Tgt Ion: 112 Resp: 1171594

Ion Ratio Lower Upper

112 100

64 63.9 50.5 75.7

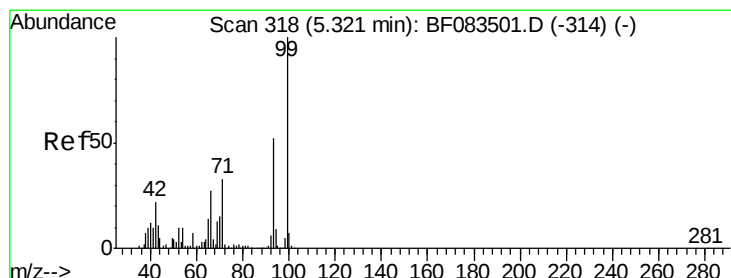
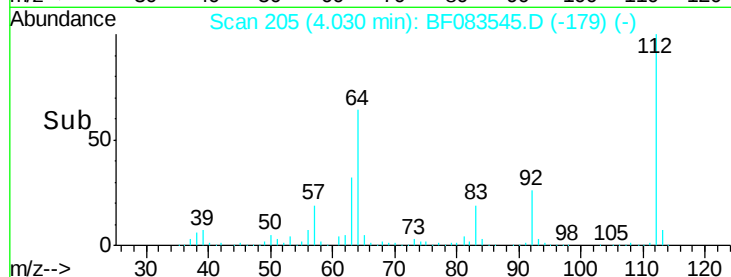
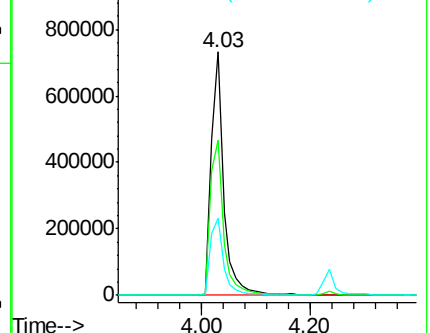
63 31.7 25.8 38.6



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: 27.58 ng

RT: 5.40 min Scan# 325

Delta R.T. 0.08 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

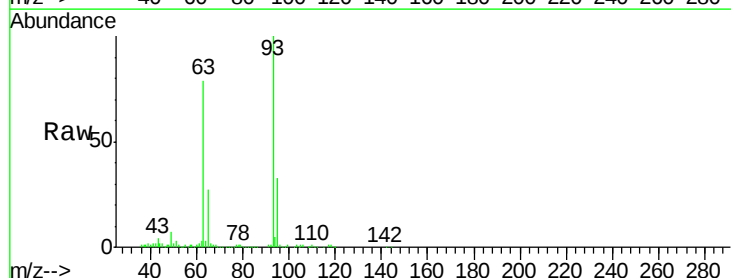
Tgt Ion: 93 Resp: 526034

Ion Ratio Lower Upper

93 100

66 1.8 41.3 61.9#

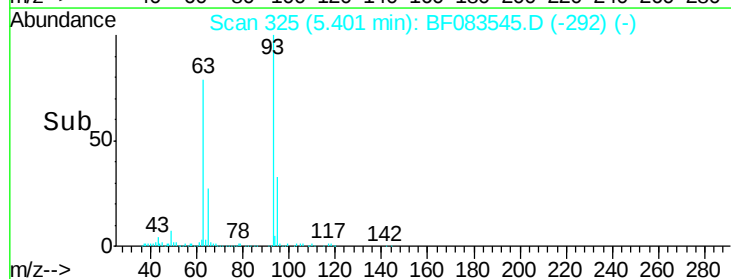
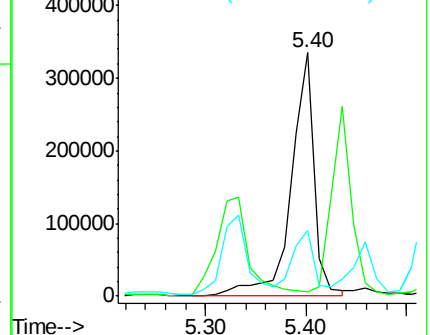
65 27.2 20.8 31.2

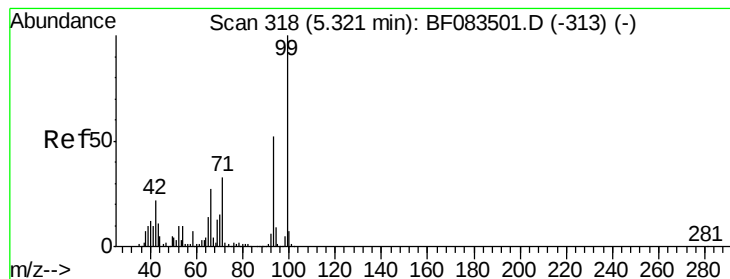


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 103.80 ng

RT: 5.31 min Scan# 317

Delta R.T. -0.01 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Instrument :

BNA_G

ClientSampled :

K204-0-2MS

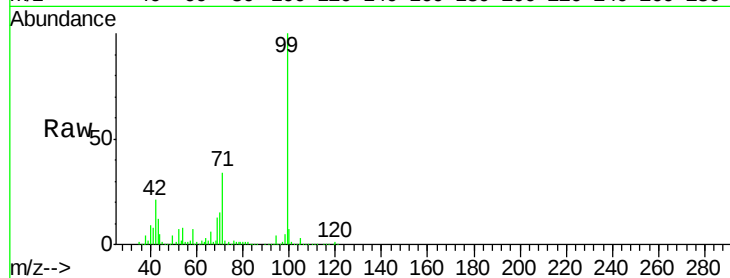
Tgt Ion: 99 Resp: 1521169

Ion Ratio Lower Upper

99 100

42 21.1 17.3 25.9

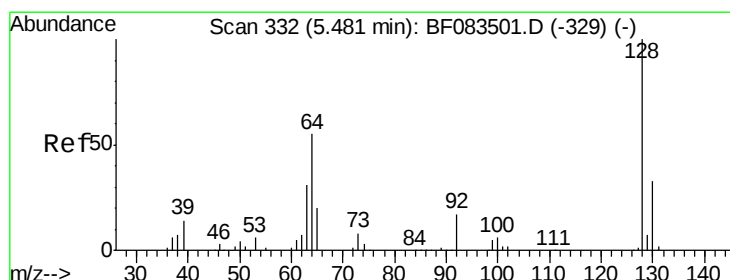
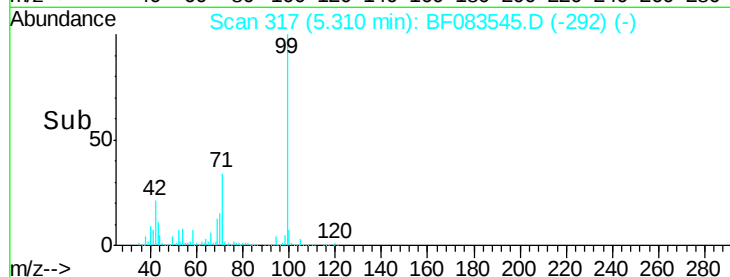
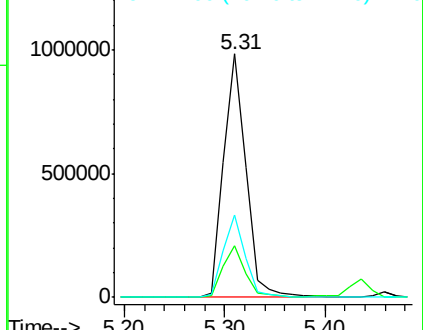
71 34.0 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 35.48 ng

RT: 5.46 min Scan# 330

Delta R.T. -0.02 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

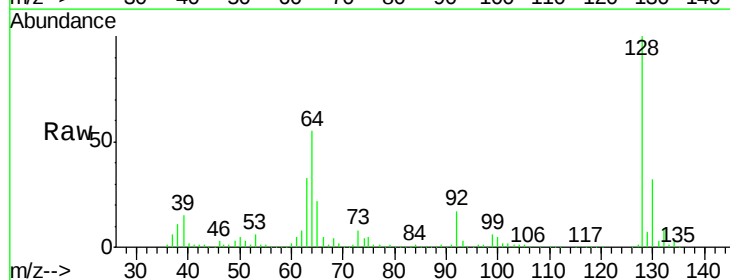
Tgt Ion: 128 Resp: 419641

Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

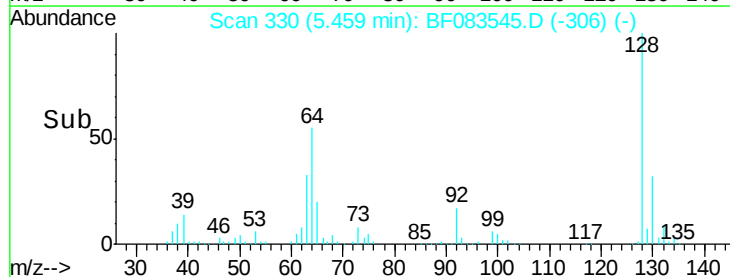
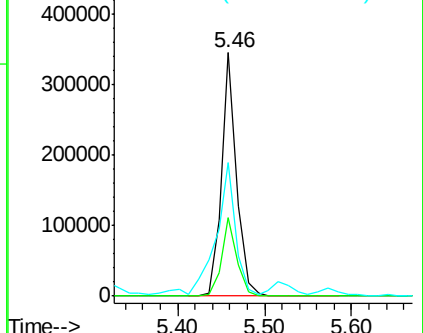
64 54.9 38.6 78.6

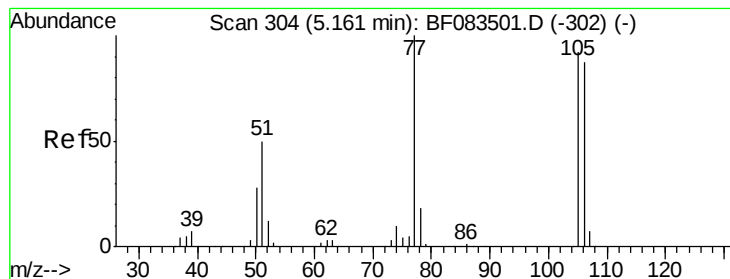


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 28.88 ng

RT: 5.13 min Scan# 301

Delta R.T. -0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Instrument :

BNA_G

ClientSampleId :

K204-0-2MS

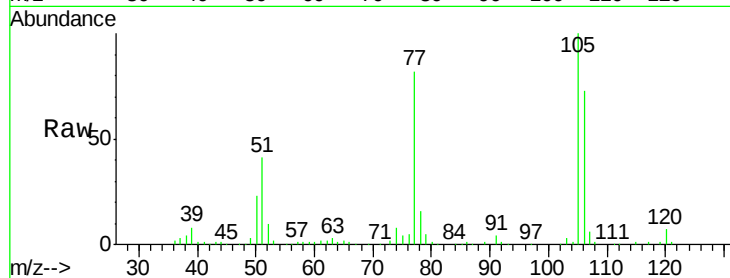
Tgt Ion: 77 Resp: 242663

Ion Ratio Lower Upper

77 100

105 121.4 71.8 111.8#

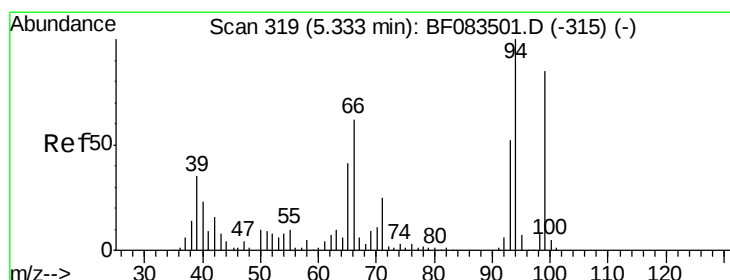
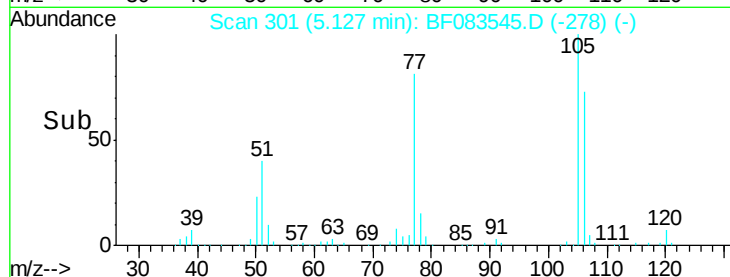
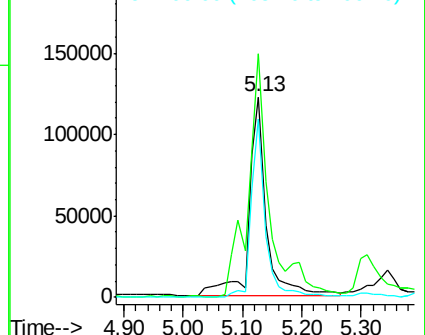
106 88.9 66.8 106.8



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: 36.20 ng

RT: 5.33 min Scan# 319

Delta R.T. -0.00 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

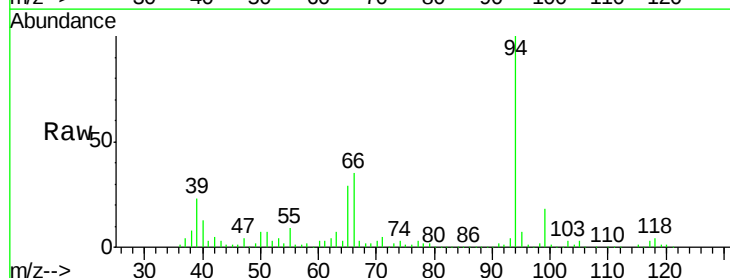
Tgt Ion: 94 Resp: 620412

Ion Ratio Lower Upper

94 100

65 28.8 20.9 60.9

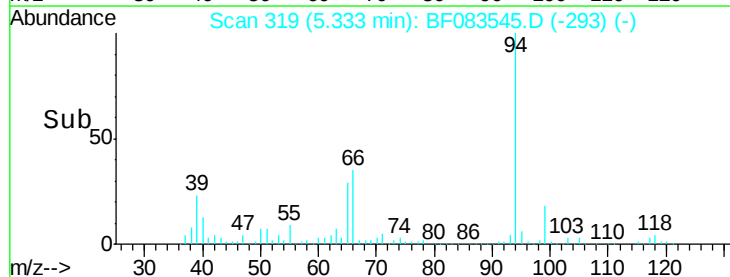
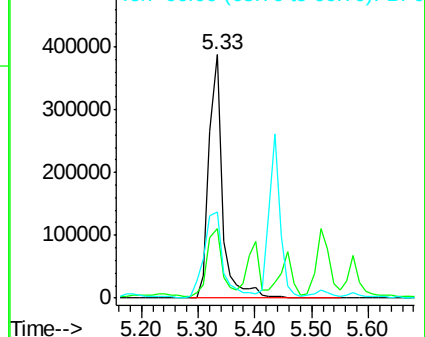
66 35.2 41.6 81.6#

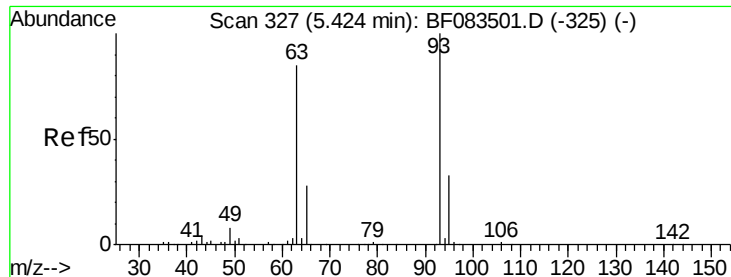


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.42 ng

RT: 5.40 min Scan# 325

Delta R.T. -0.02 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Instrument :

BNA_G

ClientSampleId :

K204-0-2MS

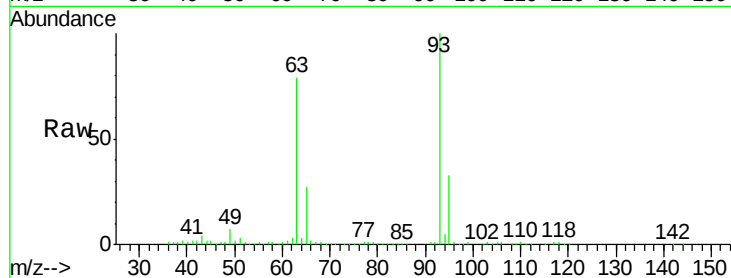
Tgt Ion: 93 Resp: 526034

Ion Ratio Lower Upper

93 100

63 78.7 64.7 104.7

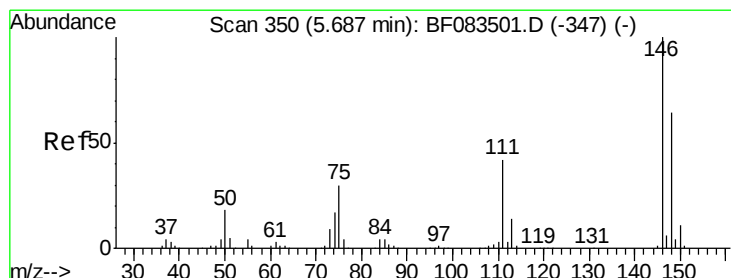
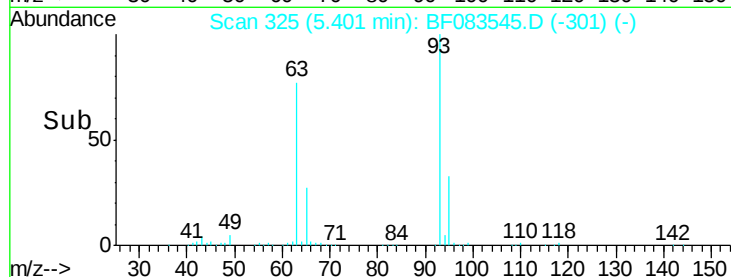
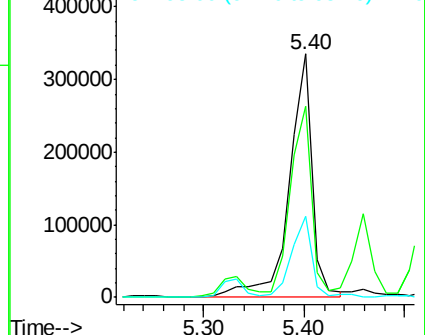
95 33.1 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 33.94 ng

RT: 5.65 min Scan# 347

Delta R.T. -0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

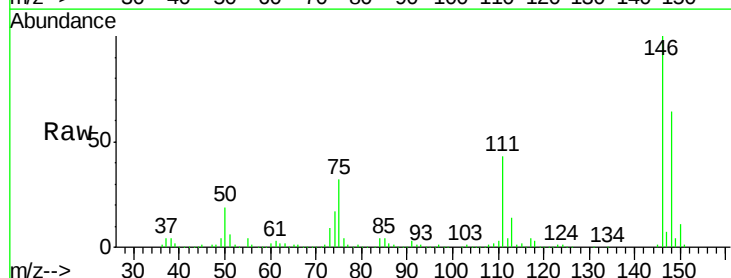
Tgt Ion: 146 Resp: 445262

Ion Ratio Lower Upper

146 100

148 64.4 51.3 76.9

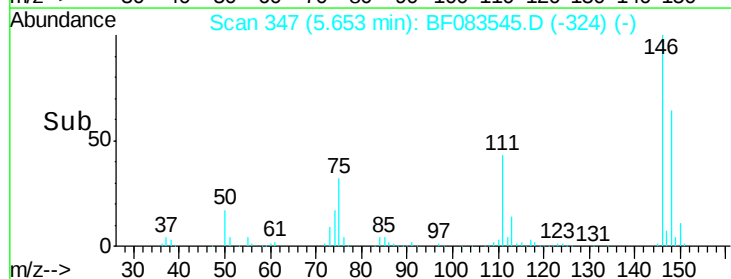
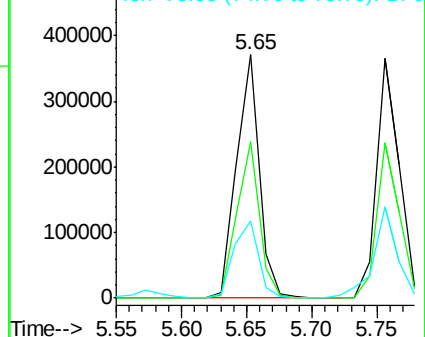
75 31.6 24.1 36.1

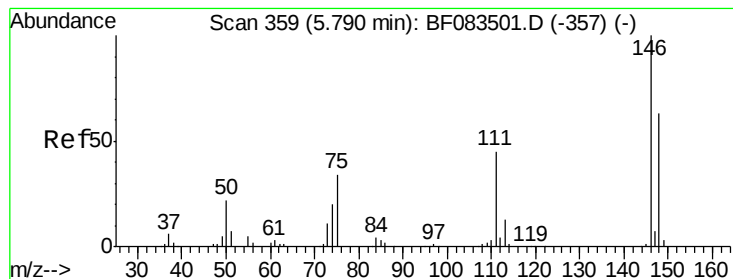


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 33.48 ng

RT: 5.76 min Scan# 356

Delta R.T. -0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Instrument :

BNA_G

ClientSampleId :

K204-0-2MS

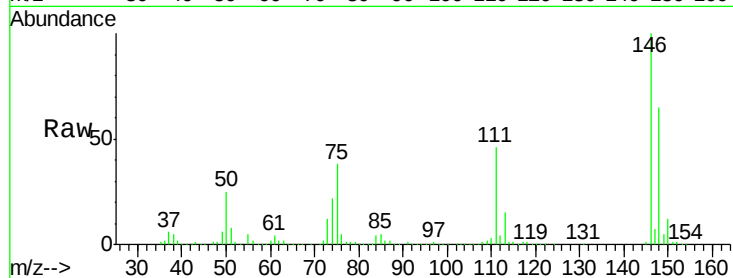
Tgt Ion:146 Resp: 448527

Ion Ratio Lower Upper

146 100

148 64.6 50.6 76.0

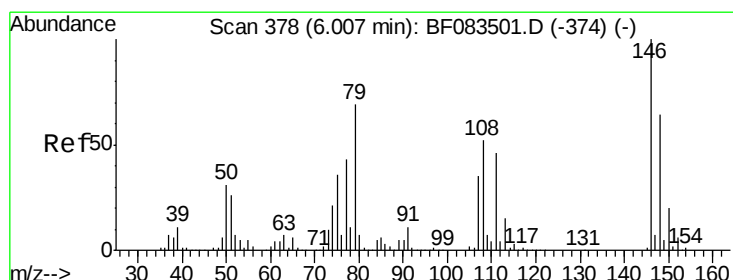
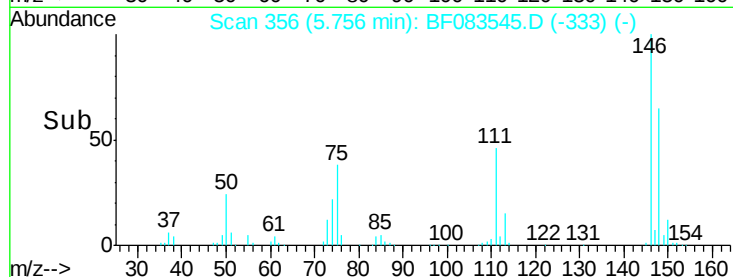
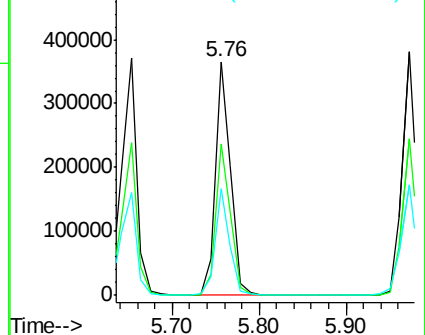
111 45.7 36.1 54.1



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: 34.72 ng

RT: 5.97 min Scan# 375

Delta R.T. -0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

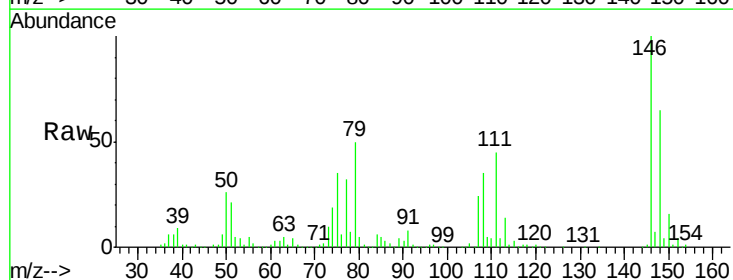
Tgt Ion:146 Resp: 427666

Ion Ratio Lower Upper

146 100

148 64.5 51.4 77.0

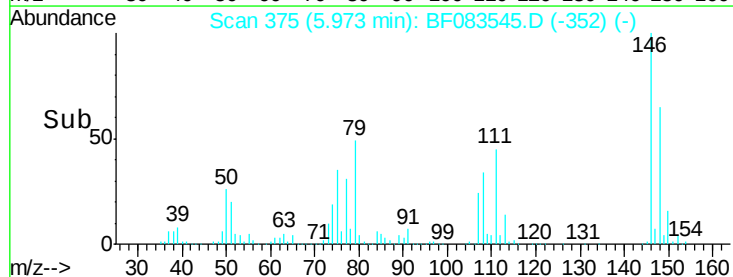
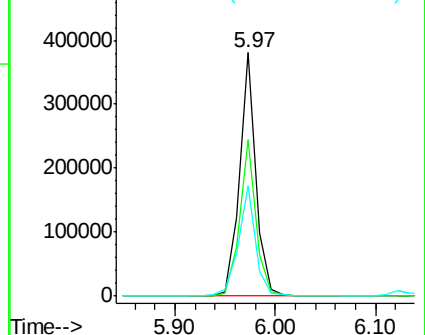
111 45.3 36.7 55.1

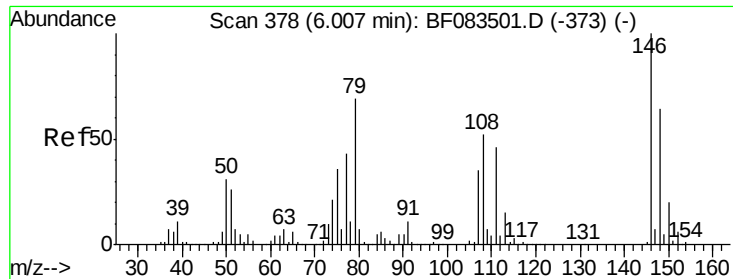


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.32 ng

RT: 5.98 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Instrument :

BNA_G

ClientSampleId :

K204-0-2MS

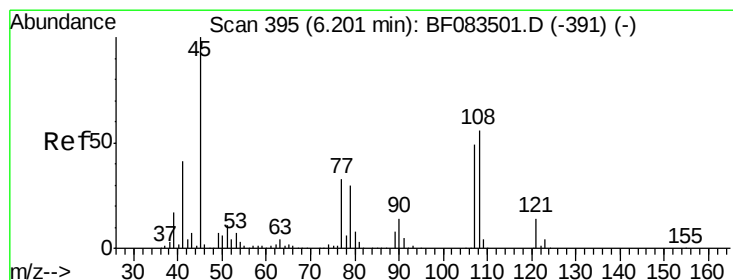
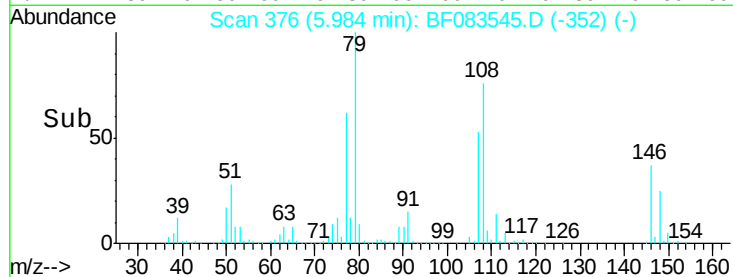
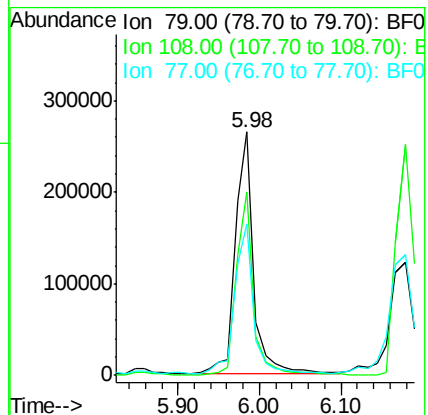
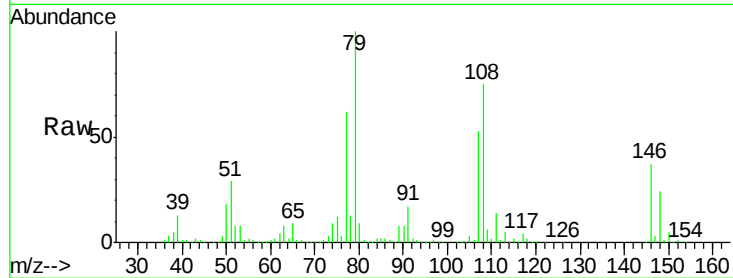
Tgt Ion: 79 Resp: 409928

Ion Ratio Lower Upper

79 100

108 75.1 59.6 89.4

77 62.1 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.53 ng

RT: 6.17 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

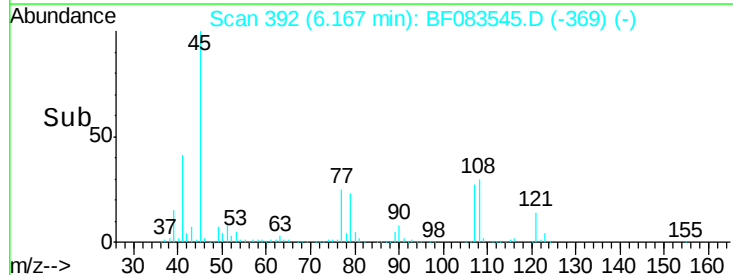
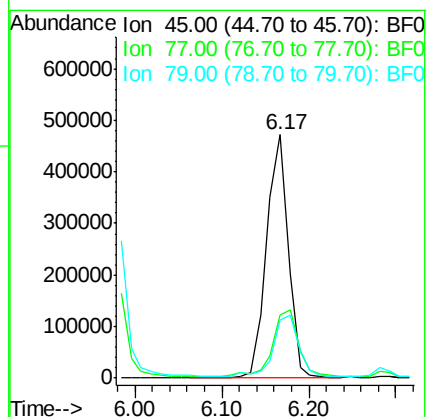
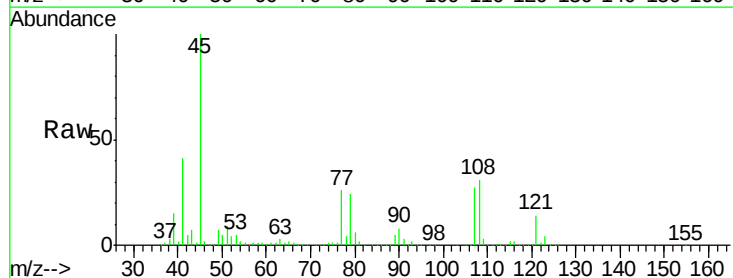
Tgt Ion: 45 Resp: 813149

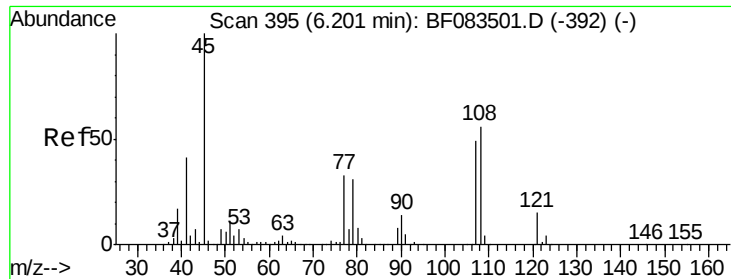
Ion Ratio Lower Upper

45 100

77 25.7 12.8 52.8

79 23.8 10.7 50.7

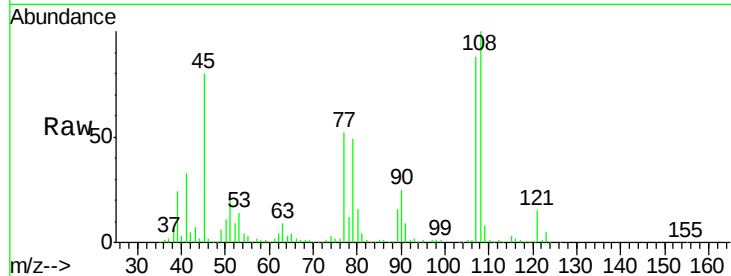




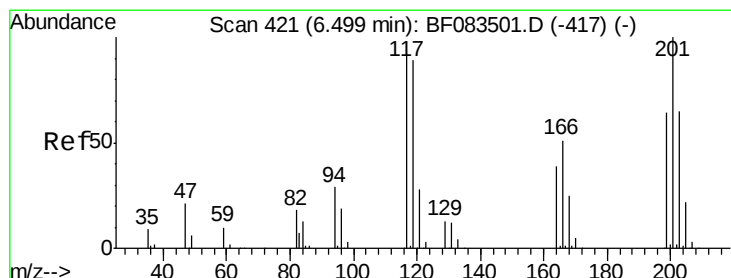
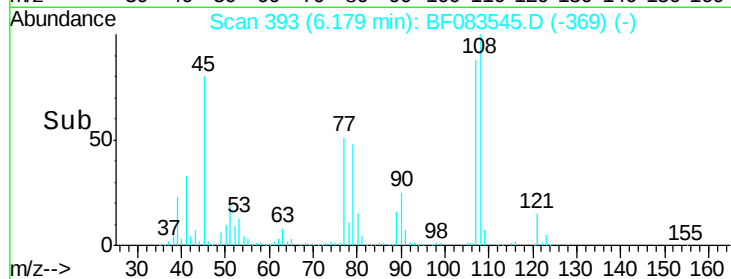
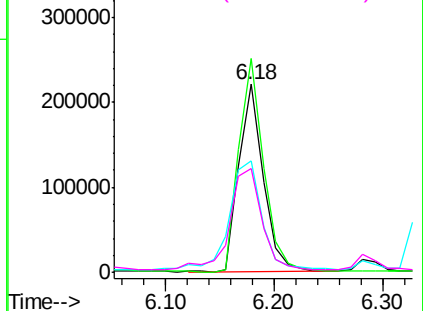
#17
2-Methylphenol
Concen: 34.72 ng
RT: 6.18 min Scan# 393
Delta R.T. -0.02 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Instrument :
BNA_G
ClientSampleId :
K204-0-2MS

Tgt Ion:	107	Resp:	338952
Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.6	137.4
77	59.6	53.7	80.5
79	55.5	50.2	75.4

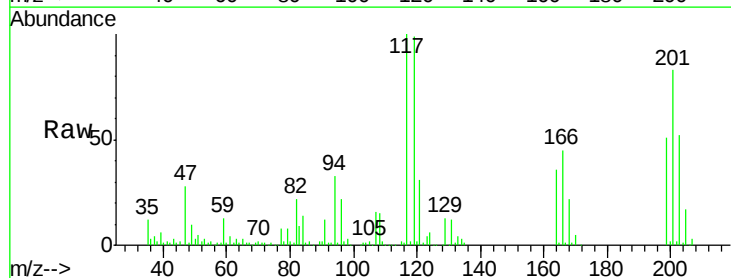


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

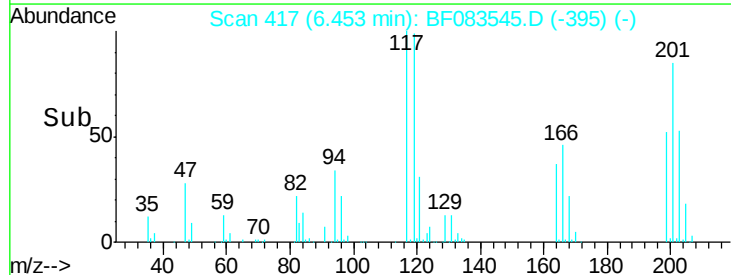
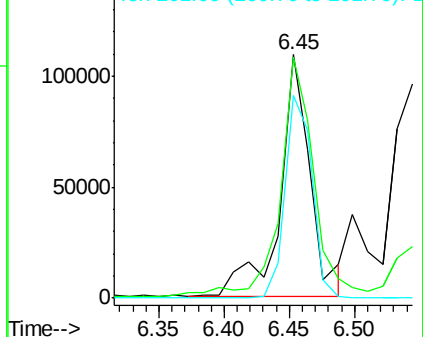


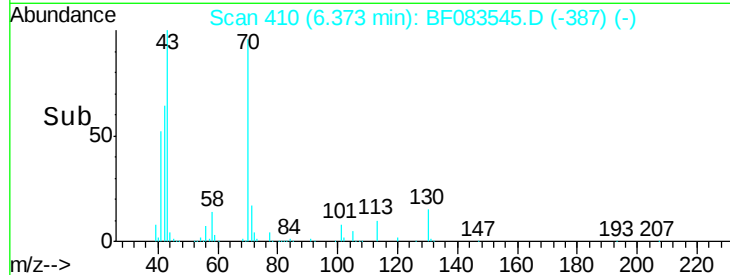
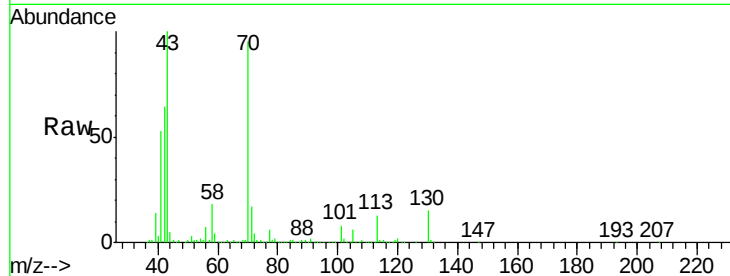
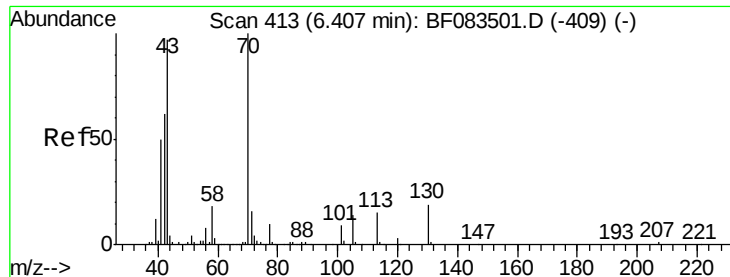
#18
Hexachloroethane
Concen: 38.01 ng
RT: 6.45 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Tgt Ion:	117	Resp:	177713
Ion	Ratio	Lower	Upper
117	100		
119	99.1	77.2	115.8
201	83.1	86.8	130.2#



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

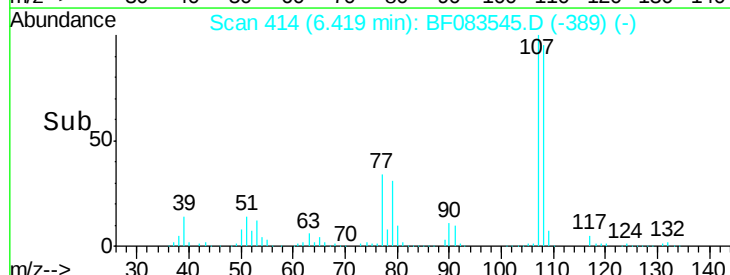
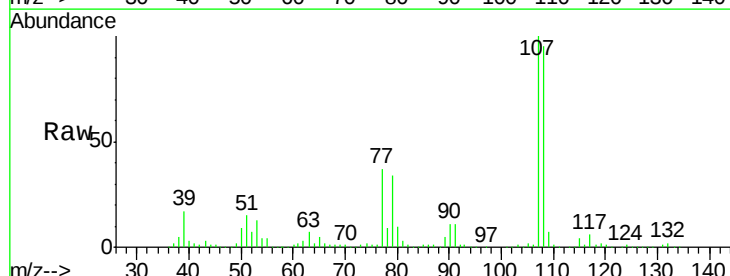
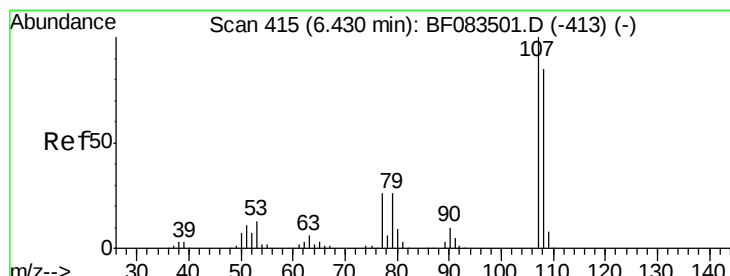
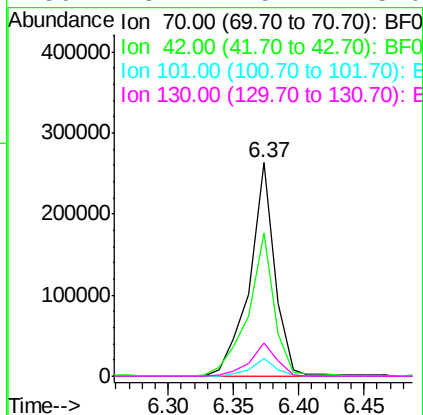




#19
n-Nitroso-di-n-propylamine
Concen: 36.52 ng
RT: 6.37 min Scan# 410
Delta R.T. -0.03 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

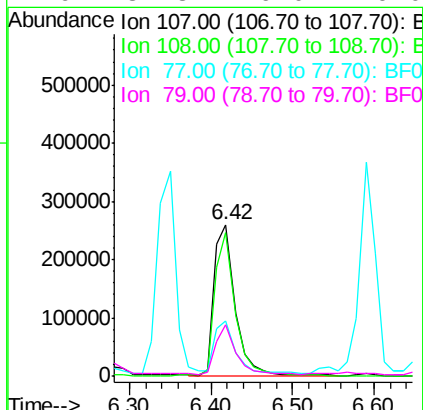
Instrument :
BNA_G
ClientSampleId :
K204-0-2MS

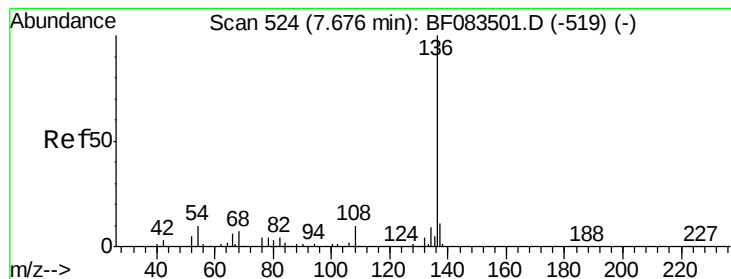
Tgt Ion:	70	Resp:	357047
Ion	Ratio	Lower	Upper
70	100		
42	67.2	49.2	73.8
101	8.5	7.1	10.7
130	15.7	15.4	23.0



#20
3+4-Methylphenols
Concen: 36.46 ng
RT: 6.42 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Tgt Ion:	107	Resp:	462385
Ion	Ratio	Lower	Upper
107	100		
108	95.0	65.2	105.2
77	36.7	15.2	55.2
79	34.3	6.0	46.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 521

Delta R.T. -0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Instrument :

BNA_G

ClientSampleId :

K204-0-2MS

Tgt Ion:136 Resp: 592854

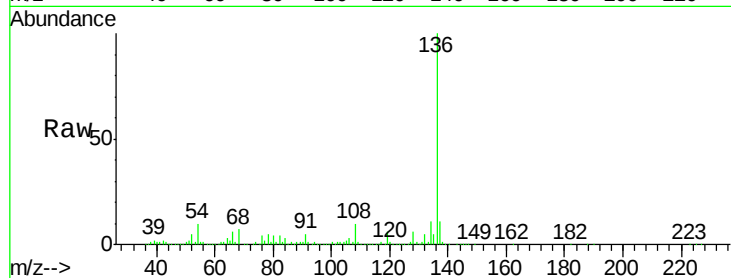
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.6 7.8 11.6

68 7.0 5.7 8.5

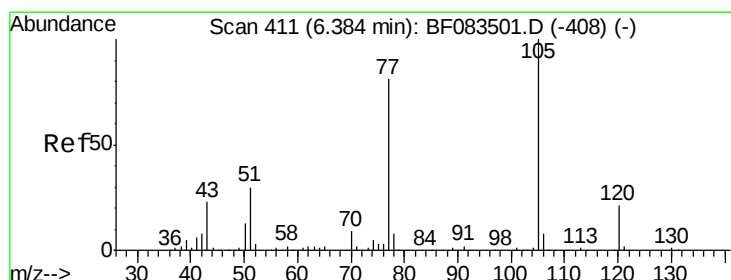
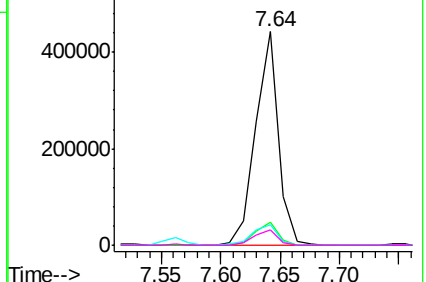
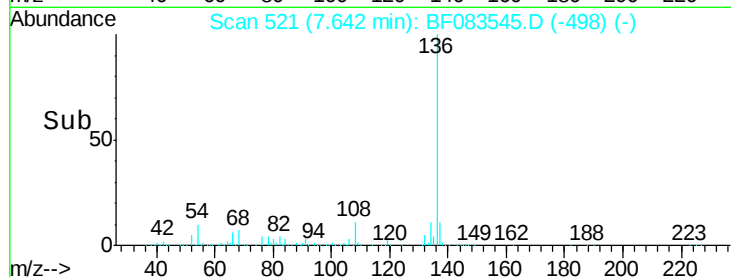


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.14 ng

RT: 6.35 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Tgt Ion:105 Resp: 685500

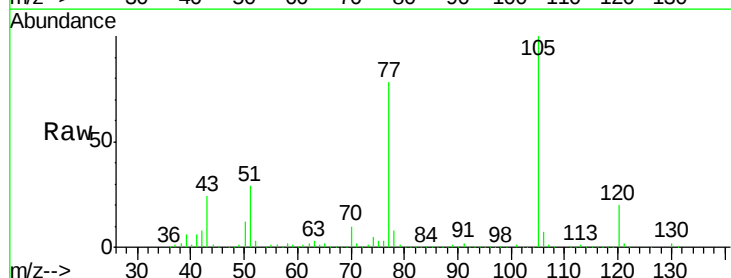
Ion Ratio Lower Upper

105 100

71 1.8 1.3 1.9

51 28.6 23.8 35.8

120 20.3 16.7 25.1

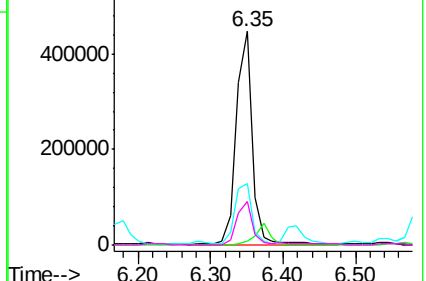
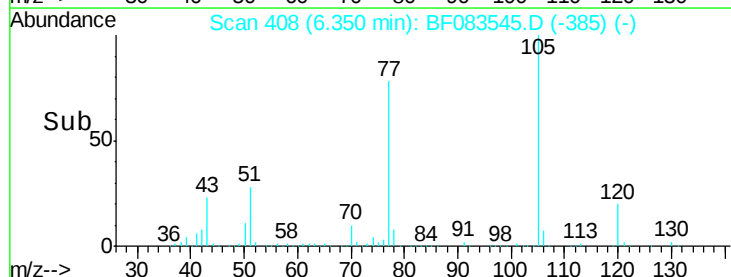


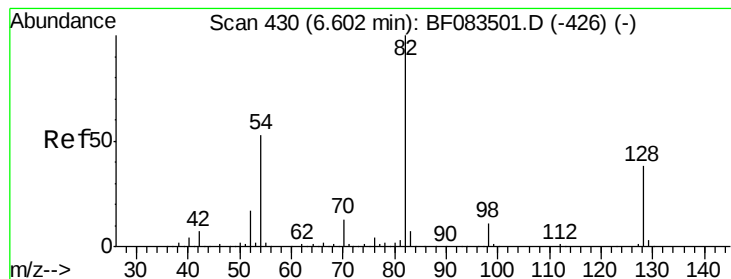
Abundance Ion 105.00 (104.70 to 105.70): E

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: 76.86 ng

RT: 6.57 min Scan# 427

Delta R.T. -0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Instrument :

BNA_G

ClientSampleId :

K204-0-2MS

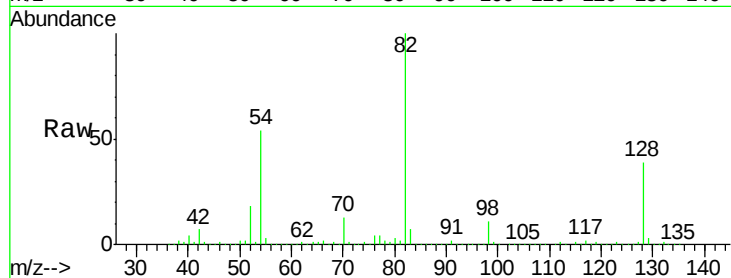
Tgt Ion: 82 Resp: 974862

Ion Ratio Lower Upper

82 100

128 39.0 30.7 46.1

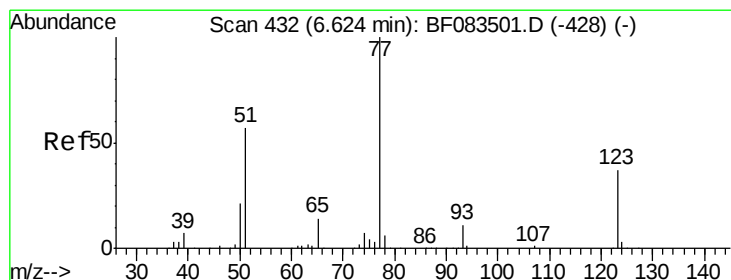
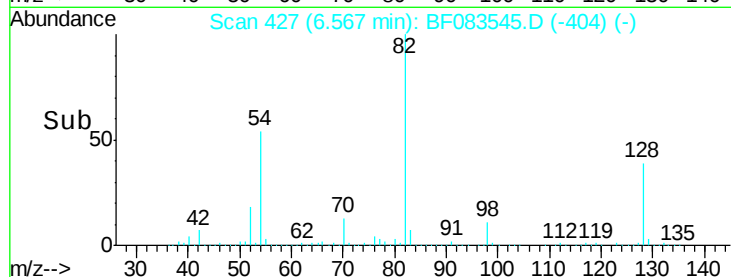
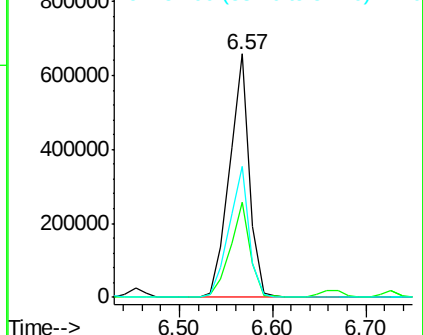
54 53.8 42.5 63.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 36.19 ng

RT: 6.59 min Scan# 429

Delta R.T. -0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

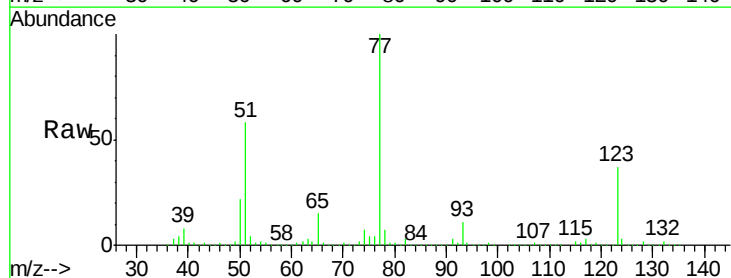
Tgt Ion: 77 Resp: 505490

Ion Ratio Lower Upper

77 100

123 37.2 29.8 44.6

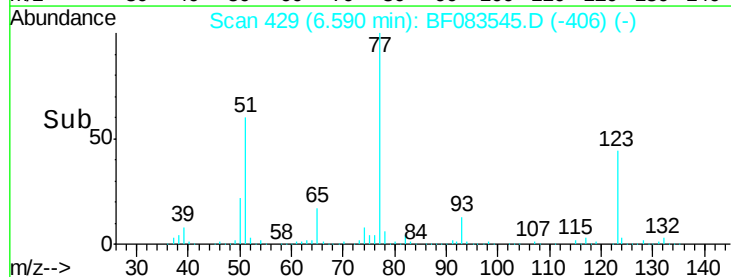
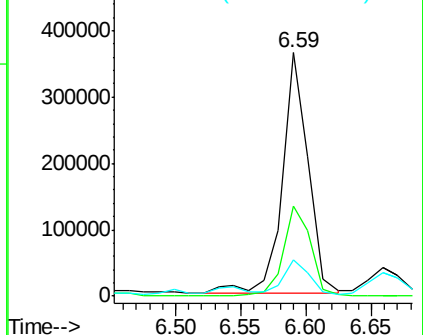
65 14.9 11.1 16.7

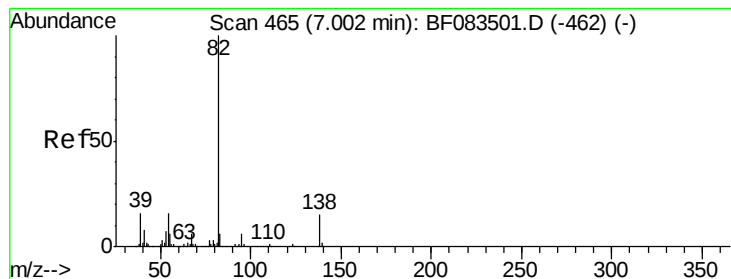


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 36.28 ng

RT: 6.97 min Scan# 462

Delta R.T. -0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Instrument :

BNA_G

ClientSampleId :

K204-0-2MS

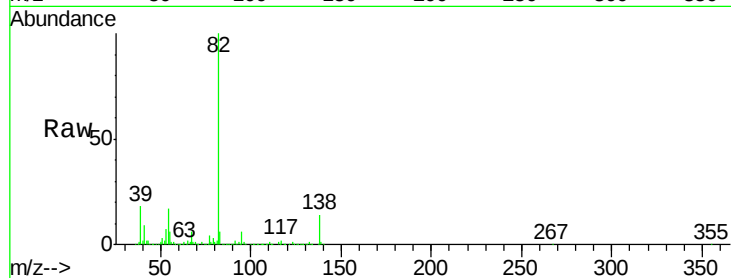
Tgt Ion: 82 Resp: 883629

Ion Ratio Lower Upper

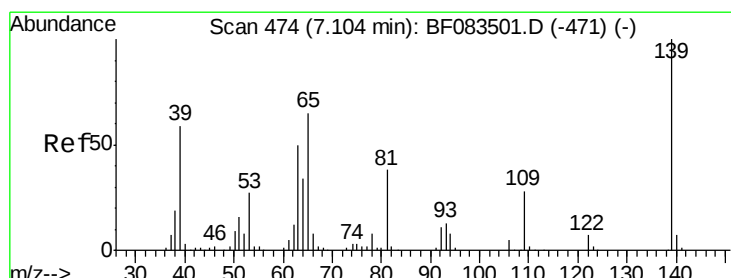
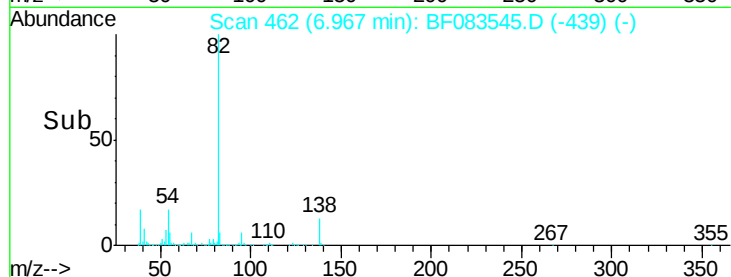
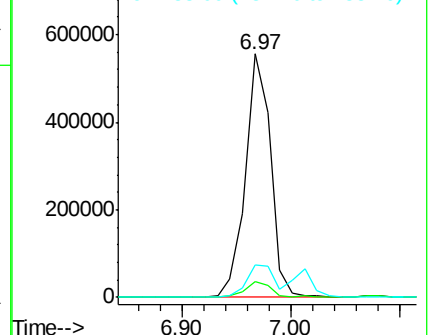
82 100

95 6.2 5.0 7.4

138 13.6 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 38.18 ng

RT: 7.07 min Scan# 471

Delta R.T. -0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

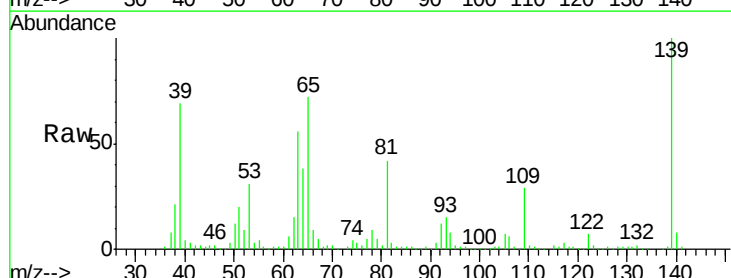
Tgt Ion: 139 Resp: 210460

Ion Ratio Lower Upper

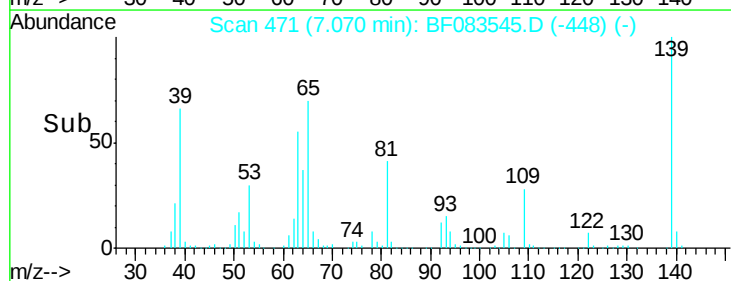
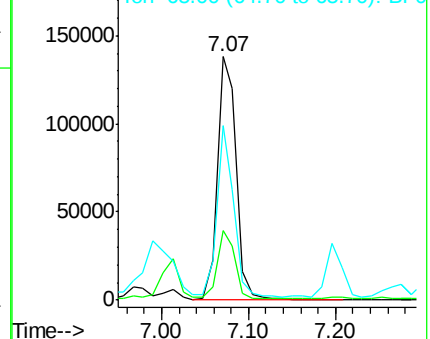
139 100

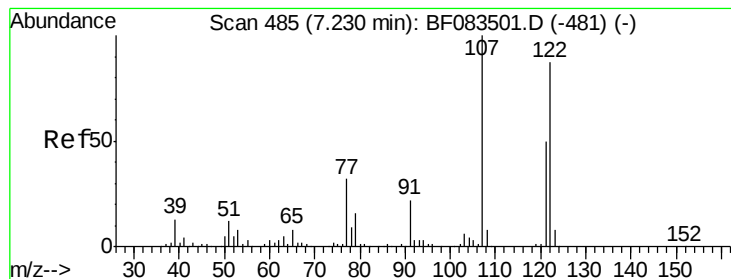
109 28.8 22.7 34.1

65 71.9 51.8 77.8



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





#27

2,4-Dimethylphenol

Concen: 34.07 ng

RT: 7.20 min Scan# 482

Delta R.T. -0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Instrument :

BNA_G

ClientSampleId :

K204-0-2MS

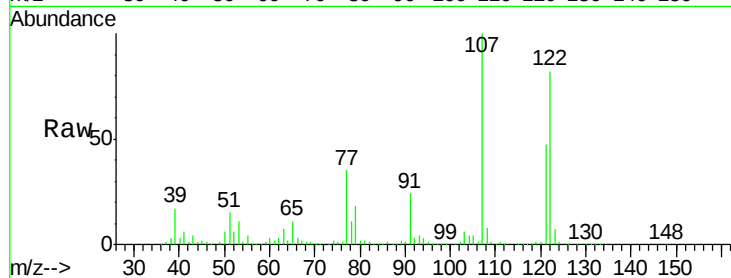
Tgt Ion:122 Resp: 331807

Ion Ratio Lower Upper

122 100

107 122.1 92.4 138.6

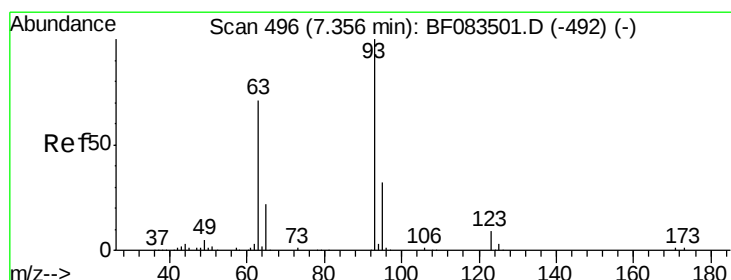
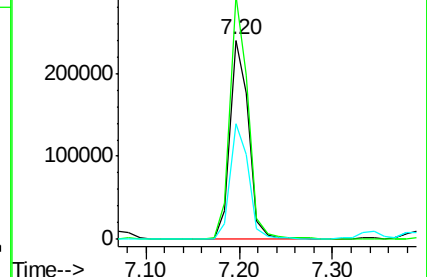
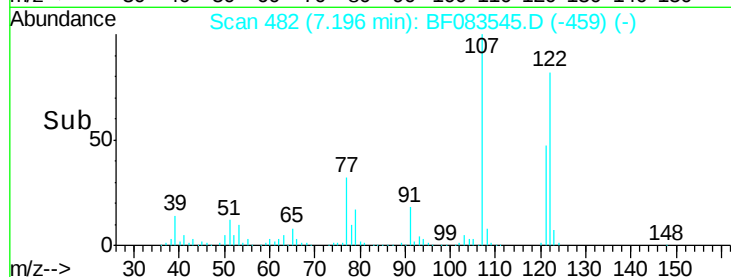
121 57.8 45.8 68.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.94 ng

RT: 7.32 min Scan# 493

Delta R.T. -0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

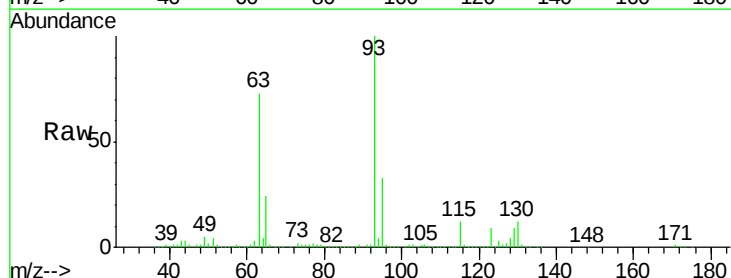
Tgt Ion: 93 Resp: 555674

Ion Ratio Lower Upper

93 100

95 32.8 25.6 38.4

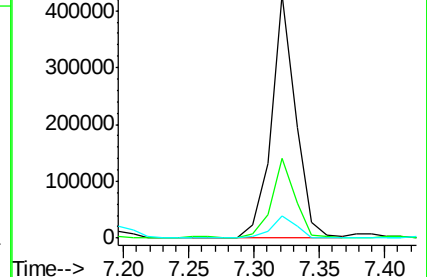
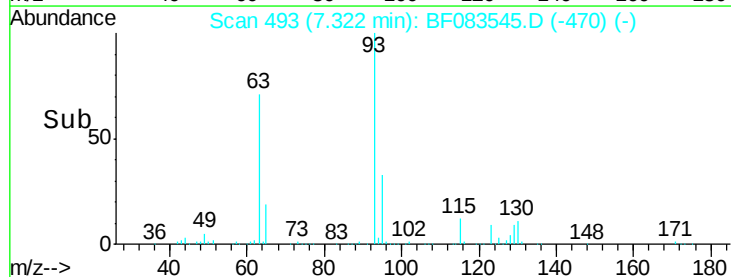
123 9.0 7.3 10.9

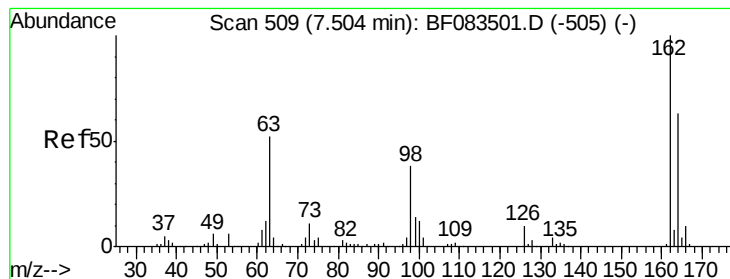


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.11 ng

RT: 7.47 min Scan# 506

Delta R.T. -0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Instrument :

BNA_G

ClientSampleId :

K204-0-2MS

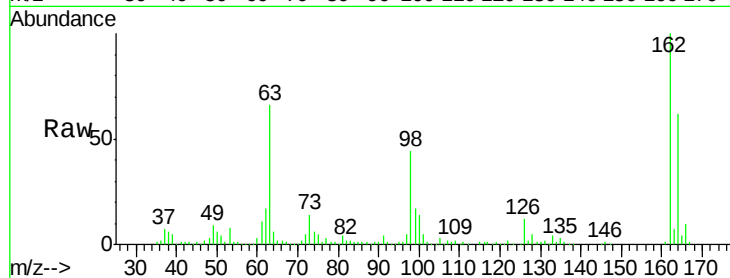
Tgt Ion:162 Resp: 335170

Ion Ratio Lower Upper

162 100

164 62.2 43.4 83.4

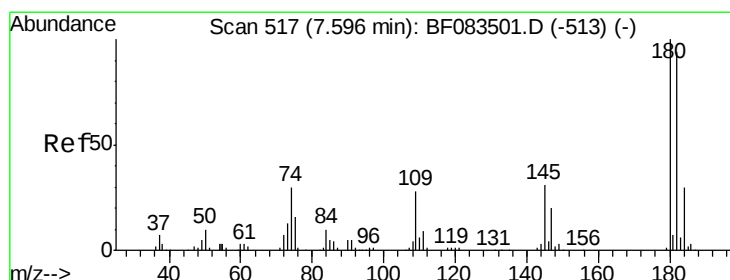
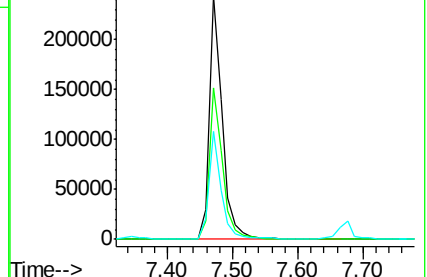
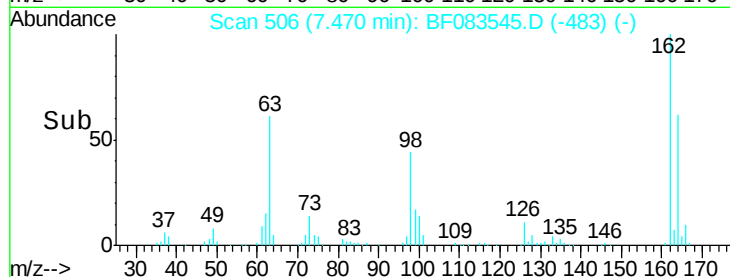
98 44.2 17.5 57.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 36.15 ng

RT: 7.56 min Scan# 514

Delta R.T. -0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

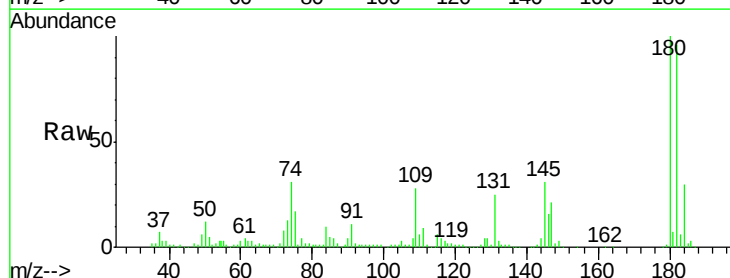
Tgt Ion:180 Resp: 351486

Ion Ratio Lower Upper

180 100

182 95.9 74.9 112.3

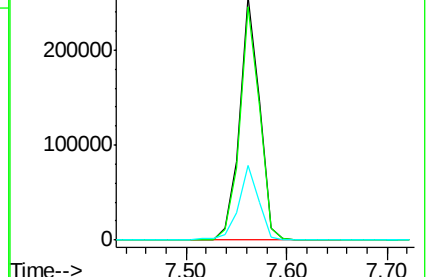
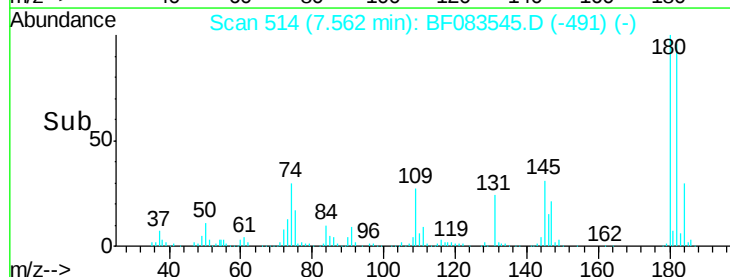
145 30.7 24.7 37.1

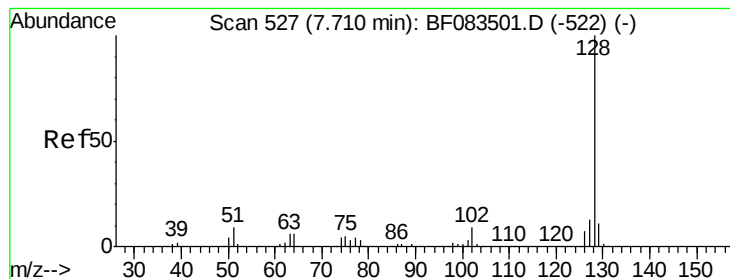


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 46.91 ng

RT: 7.68 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

Instrument :

BNA_G

ClientSampleId :

K204-0-2MS

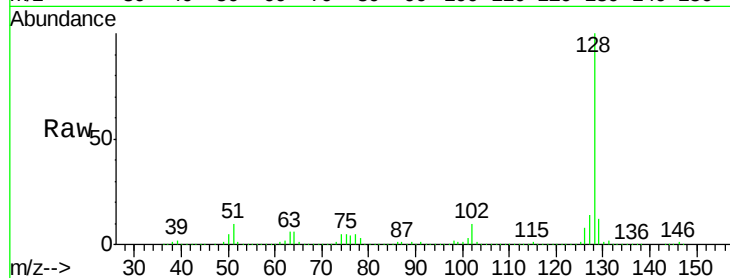
Tgt Ion:128 Resp: 1480402

Ion Ratio Lower Upper

128 100

129 11.8 8.6 13.0

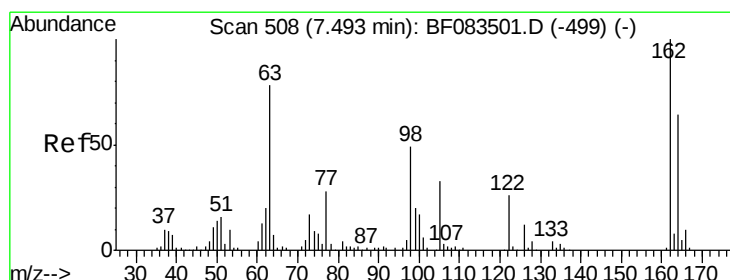
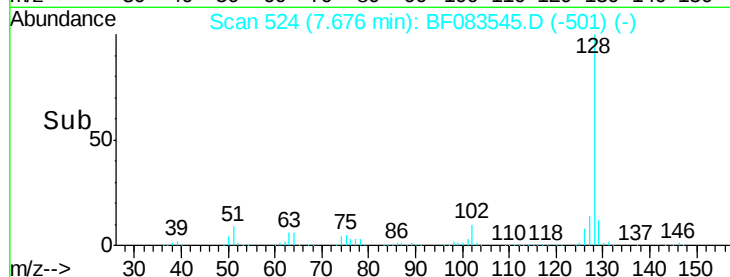
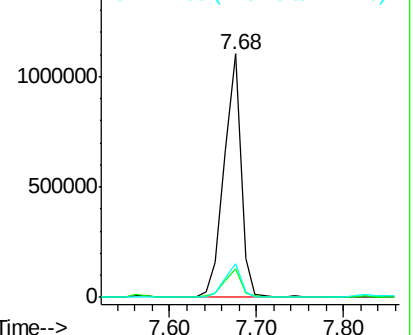
127 13.9 10.6 16.0



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: 22.10 ng

RT: 7.45 min Scan# 504

Delta R.T. -0.05 min

Lab File: BF083545.D

Acq: 7 Dec 2015 6:18

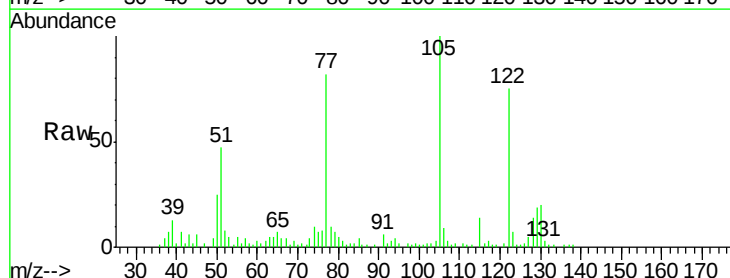
Tgt Ion:122 Resp: 110383

Ion Ratio Lower Upper

122 100

105 133.8 105.6 145.6

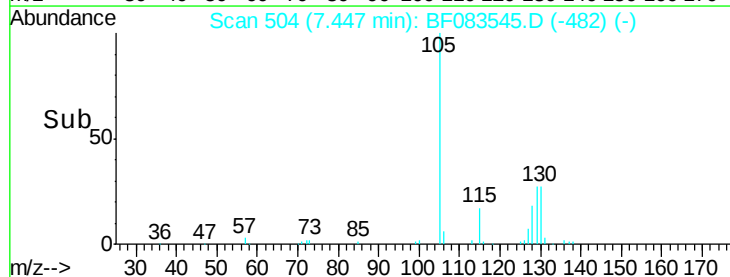
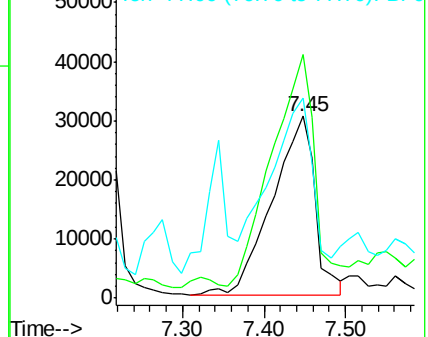
77 109.7 86.8 126.8

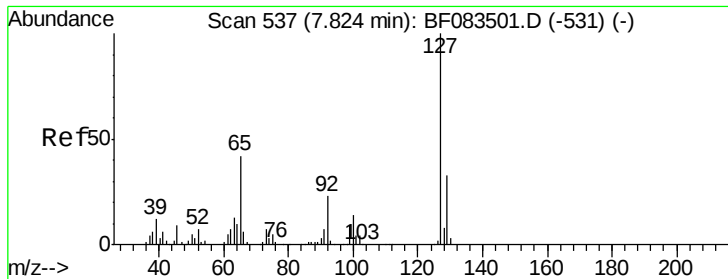


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

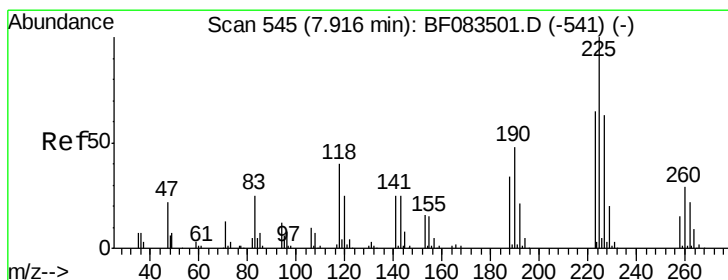
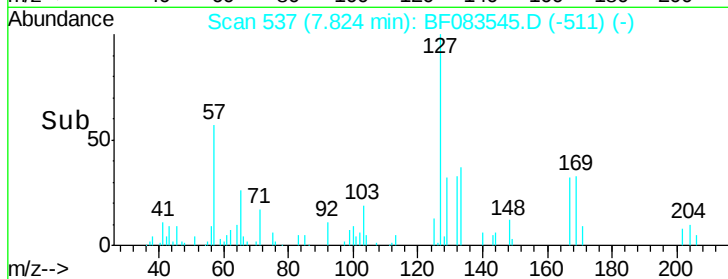
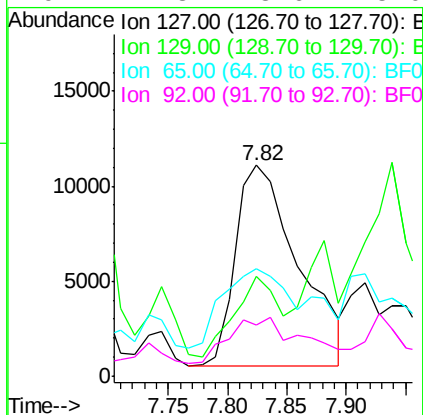
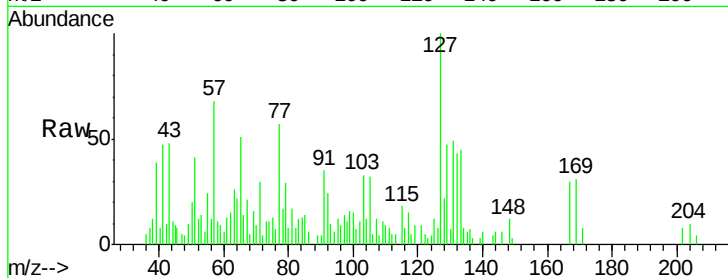




#33
4-Chloroaniline
Concen: 3.14 ng
RT: 7.82 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

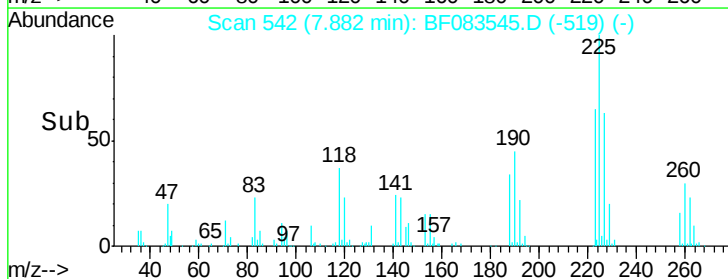
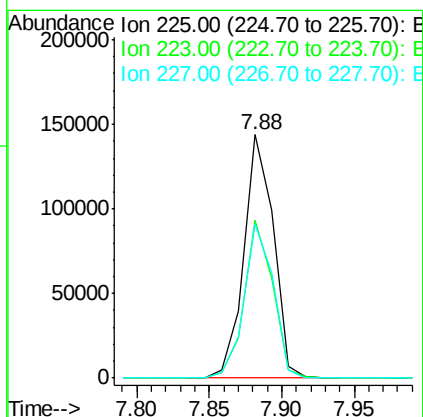
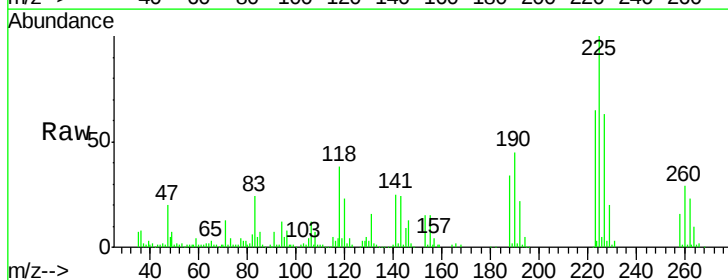
Instrument :
BNA_G
ClientSampleId :
K204-0-2MS

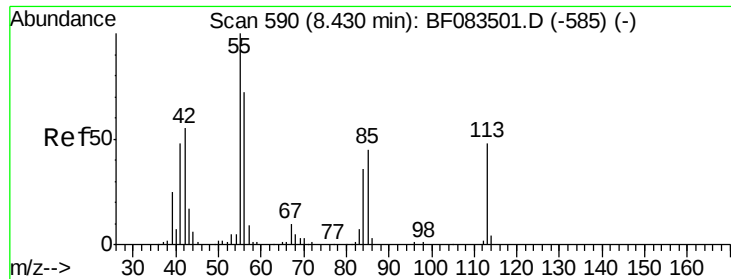
Tgt Ion:	127	Resp:	38819
Ion	Ratio	Lower	Upper
127	100		
129	47.4	26.1	39.1#
65	51.3	33.5	50.3#
92	24.3	18.6	28.0



#34
Hexachlorobutadiene
Concen: 35.35 ng
RT: 7.88 min Scan# 542
Delta R.T. -0.03 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Tgt Ion:	225	Resp:	203124
Ion	Ratio	Lower	Upper
225	100		
223	64.7	52.3	78.5
227	63.1	50.4	75.6

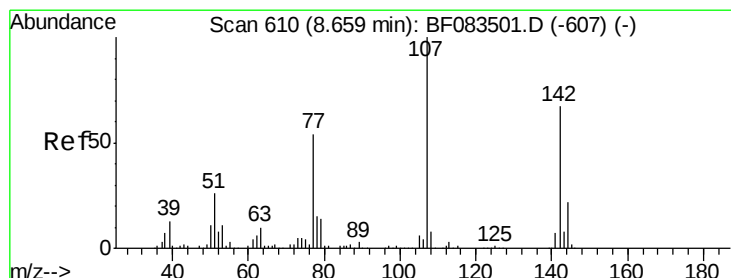
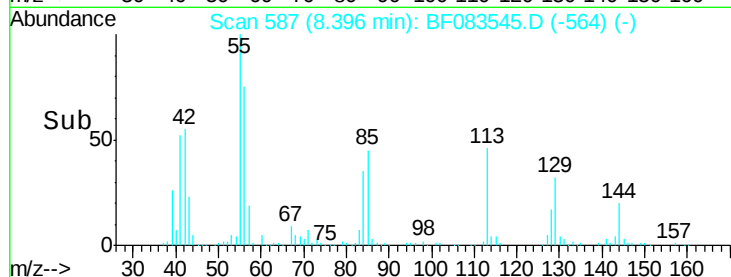
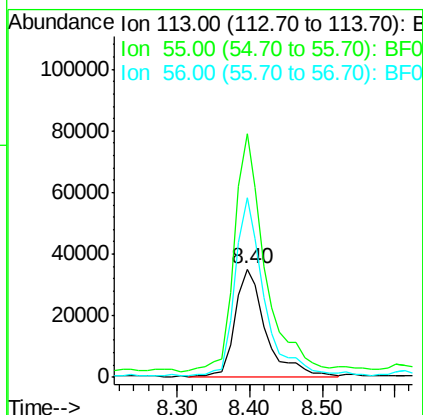
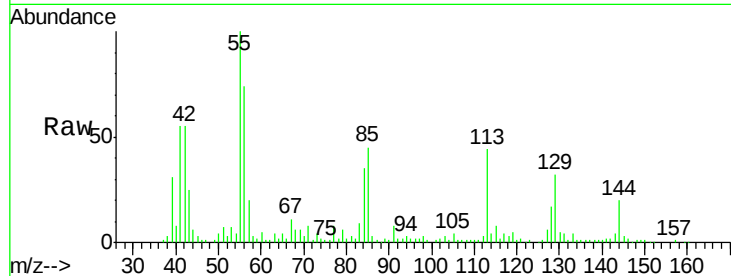




#35
 Caprolactam
 Concen: 37.56 ng
 RT: 8.40 min Scan# 587
 Delta R.T. -0.03 min
 Lab File: BF083545.D
 Acq: 7 Dec 2015 6:18

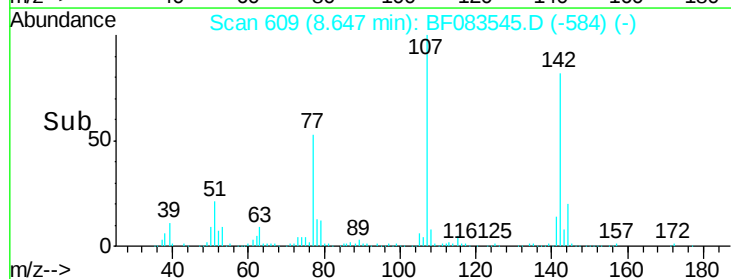
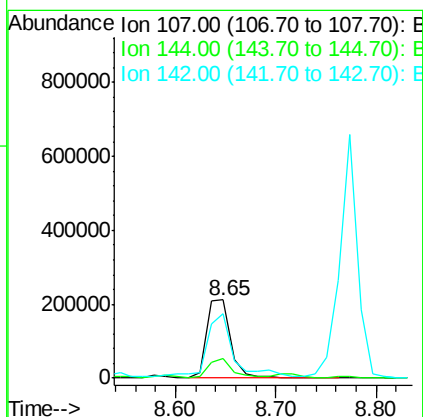
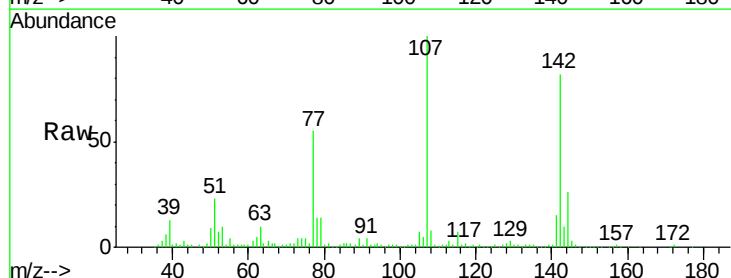
Instrument :
 BNA_G
 ClientSampleId :
 K204-0-2MS

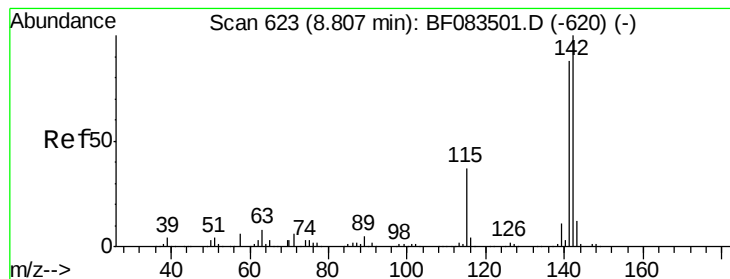
Tgt Ion:113 Resp: 105058
 Ion Ratio Lower Upper
 113 100
 55 224.8 189.7 229.7
 56 166.1 130.7 170.7



#36
 4-Chloro-3-methylphenol
 Concen: 34.82 ng
 RT: 8.65 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF083545.D
 Acq: 7 Dec 2015 6:18

Tgt Ion:107 Resp: 344609
 Ion Ratio Lower Upper
 107 100
 144 25.7 17.5 26.3
 142 81.6 53.6 80.4#

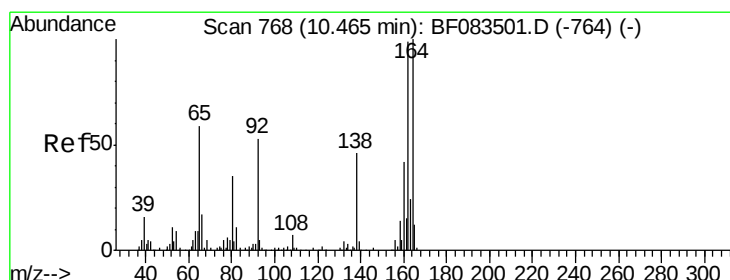
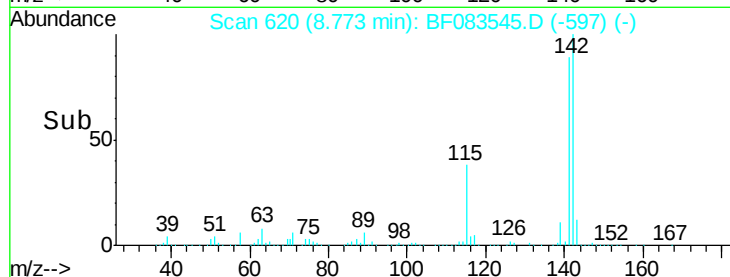
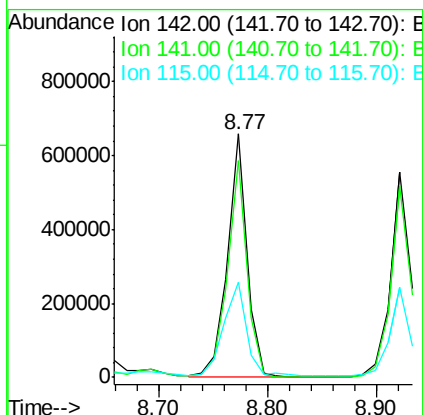
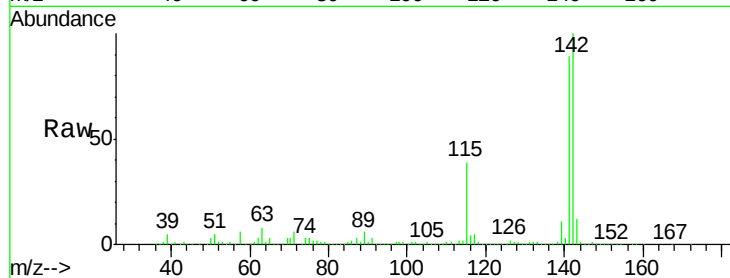




#37
2-Methylnaphthalene
Concen: 41.52 ng
RT: 8.77 min Scan# 620
Delta R.T. -0.03 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Instrument :
BNA_G
ClientSampleId :
K204-0-2MS

Tgt Ion:142 Resp: 810125
Ion Ratio Lower Upper
142 100
141 89.2 70.3 105.5
115 39.1 29.2 43.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.43 min Scan# 765
Delta R.T. -0.03 min
Lab File: BF083545.D
Acq: 7 Dec 2015 6:18

Tgt Ion:164 Resp: 271215
Ion Ratio Lower Upper
164 100
162 102.8 78.8 118.2
160 43.4 33.4 50.2

