

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
 Data File : BF082404.D
 Acq On : 21 Oct 2015 15:11
 Operator : UM/IZ
 Sample : G4099-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151013MGP208BRV68MS

Quant Time: Oct 22 09:35:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	108002	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	413113	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	214216	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	400666	20.00	ng	0.00
75) Chrysene-d12	14.01	240	333749	20.00	ng	0.00
86) Perylene-d12	15.56	264	258681	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	345863	64.63	ng	0.00
7) Phenol-d6	6.41	99	284878	40.91	ng	-0.01
23) Nitrobenzene-d5	7.35	82	596342	96.94	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	243608	121.26	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1116407	86.43	ng	0.00
78) Terphenyl-d14	12.90	244	1064718	84.54	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.35	88	49067	18.25	ng	95
3) Pyridine	3.06	79	85992	13.75	ng	97
4) n-Nitrosodimethylamine	3.01	42	49048	18.49	ng	92
6) Aniline	6.43	93	161015	17.93	ng	# 89
8) 2-Chlorophenol	6.56	128	238268	36.47	ng	99
9) Benzaldehyde	6.32	77	135292	38.04	ng	94
10) Phenol	6.42	94	117000	14.57	ng	92
11) bis(2-Chloroethyl)ether	6.51	93	299763	44.15	ng	98
12) 1,3-Dichlorobenzene	6.71	146	319592	42.01	ng	99
13) 1,4-Dichlorobenzene	6.79	146	330125	41.55	ng	99
14) 1,2-Dichlorobenzene	6.94	146	292949	38.83	ng	99
15) Benzyl Alcohol	6.93	79	156813	32.62	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.05	45	415721	43.97	ng	81
17) 2-Methylphenol	7.04	107	158735	30.73	ng	96
18) Hexachloroethane	7.28	117	109803	40.38	ng	94
19) n-Nitroso-di-n-propylamine	7.20	70	218422	44.66	ng	95
20) 3+4-Methylphenols	7.20	107	172946	28.09	ng	# 73
22) Acetophenone	7.19	105	407254	49.84	ng	# 88
24) Nitrobenzene	7.37	77	292278	43.89	ng	# 79
25) Isophorone	7.60	82	572041	46.07	ng	99
26) 2-Nitrophenol	7.68	139	155862	46.88	ng	# 88
27) 2,4-Dimethylphenol	7.73	122	243612	45.48	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	334488	46.30	ng	98
29) 2,4-Dichlorophenol	7.93	162	255149	47.65	ng	95
30) 1,2,4-Trichlorobenzene	8.00	180	265922	43.08	ng	97
31) Naphthalene	8.08	128	803359	44.86	ng	100
32) Benzoic acid	7.83	122	46270	12.87	ng	97
33) 4-Chloroaniline	8.14	127	113755	15.30	ng	95
34) Hexachlorobutadiene	8.19	225	155081	40.32	ng	96
35) Caprolactam	8.51	113	11759	7.57	ng	# 66
36) 4-Chloro-3-methylphenol	8.63	107	240336	45.90	ng	95
37) 2-Methylnaphthalene	8.78	142	621047	50.03	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	292824	45.96	ng	97
40) Hexachlorocyclopentadiene	8.93	237	204088	65.03	ng	96

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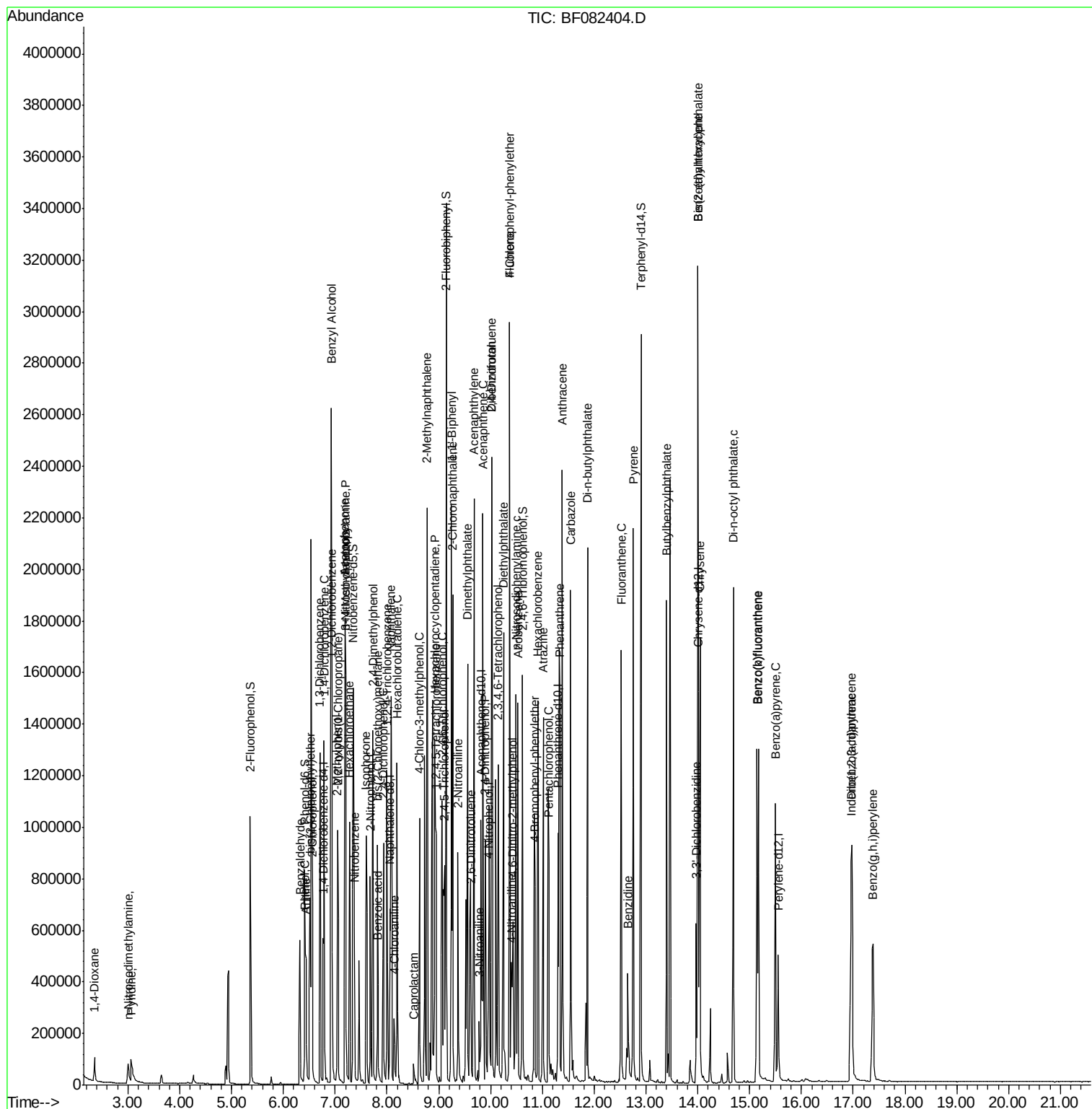
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42) 2,4,6-Trichlorophenol	9.06	196	187264	44.25	nq	98
43) 2,4,5-Trichlorophenol	9.11	196	207201	45.20	nq	99
45) 1,1'-Biphenyl	9.25	154	759616	46.50	nq	96
46) 2-Chloronaphthalene	9.27	162	581966	45.26	nq	95
47) 2-Nitroaniline	9.37	65	169039	47.88	nq	92
48) Acenaphthylene	9.68	152	835820	41.72	nq	99
49) Dimethylphthalate	9.55	163	748428	49.62	nq	100
50) 2,6-Dinitrotoluene	9.62	165	154701	48.60	nq	# 76
51) Acenaphthene	9.85	154	500014	41.58	nq	100
52) 3-Nitroaniline	9.78	138	52291	14.54	nq	90
53) 2,4-Dinitrophenol	9.90	184	155211	86.69	nq	# 90
54) Dibenzofuran	10.02	168	751697	45.53	nq	97
55) 4-Nitrophenol	9.97	139	61215	32.09	nq	87
56) 2,4-Dinitrotoluene	10.02	165	203604	51.18	nq	94
57) Fluorene	10.37	166	602733	44.45	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.15	232	171260	45.72	nq	98
59) Diethylphthalate	10.25	149	732198	52.07	nq	98
60) 4-Chlorophenyl-phenylether	10.37	204	315876	50.85	nq	# 84
61) 4-Nitroaniline	10.41	138	145509	41.73	nq	92
62) Azobenzene	10.53	77	692615	50.33	nq	90
64) 4,6-Dinitro-2-methylphenol	10.43	198	113637	50.54	nq	95
65) n-Nitrosodiphenylamine	10.49	169	592609	49.40	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	190993	47.63	nq	# 84
67) Hexachlorobenzene	10.91	284	195185	45.01	nq	# 78
68) Atrazine	11.02	200	174827	46.00	nq	100
69) Pentachlorophenol	11.12	266	195828	87.76	nq	99
70) Phenanthrene	11.34	178	989802	50.40	nq	99
71) Anthracene	11.38	178	981497	48.50	nq	99
72) Carbazole	11.54	167	844415	45.74	nq	99
73) Di-n-butylphthalate	11.87	149	1144934	50.27	nq	99
74) Fluoranthene	12.53	202	1050763	49.82	nq	97
76) Benzidine	12.65	184	226081	23.38	nq	98
77) Pyrene	12.75	202	1054777	53.25	nq	100
79) Butylbenzylphthalate	13.39	149	458927	50.77	nq	98
80) Benzo(a)anthracene	14.00	228	785461	45.23	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	142087	21.56	nq	100
82) Chrysene	14.05	228	811894	44.37	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	628306	48.72	nq	99
84) Di-n-octyl phthalate	14.69	149	1025912	46.32	nq	99
85) Indeno(1,2,3-cd)pyrene	16.96	276	599500	41.22	nq	98
87) Benzo(b)fluoranthene	15.14	252	710379	45.14	nq	98
88) Benzo(k)fluoranthene	15.17	252	644177m	48.70	nq	
89) Benzo(a)pyrene	15.50	252	648565	47.95	nq	# 96
90) Dibenzo(a,h)anthracene	16.97	278	505972	45.65	nq	98
91) Benzo(g,h,i)perylene	17.38	276	490009	45.51	nq	99

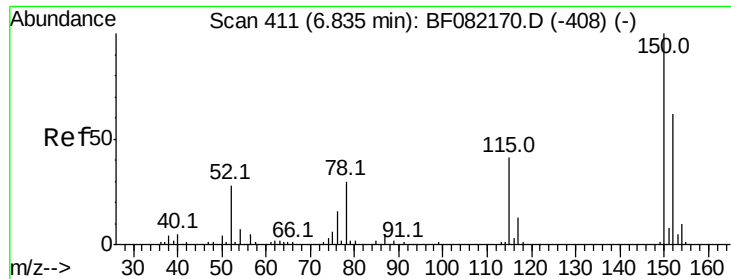
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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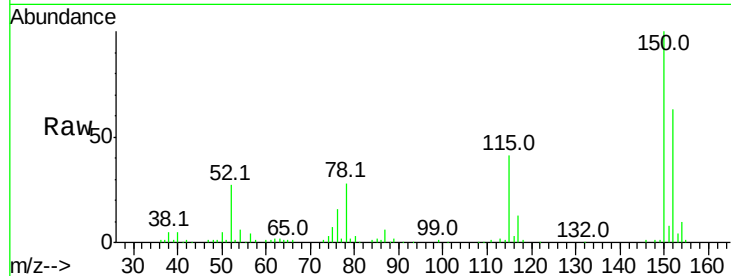


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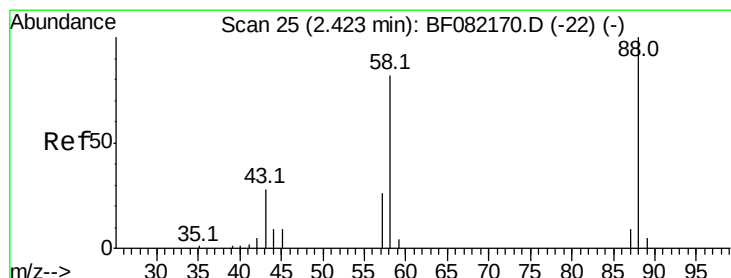
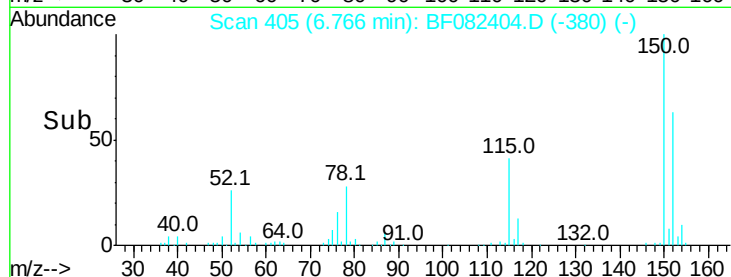
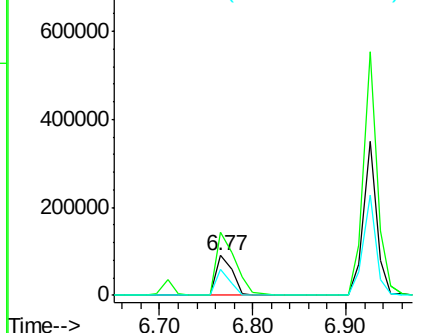
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.77 min Scan# 405
 Delta R.T. -0.01 min
 Lab File: BF082404.D
 Acq: 21 Oct 2015 15:11

Instrument :
 BNA_F
 ClientSampleId :
 20151013MGP208BRV68MS

Tot Ion:152 Resp: 108002
 Ion Ratio Lower Upper
 152 100
 150 157.8 129.0 193.4
 115 64.5 52.1 78.1



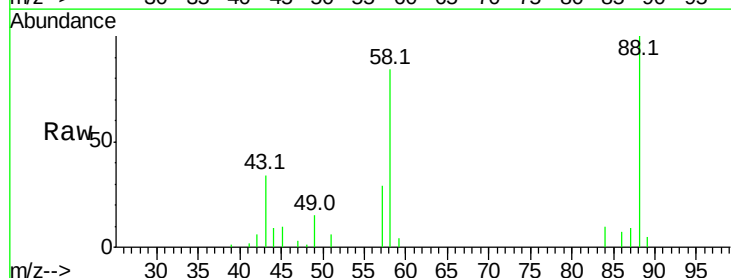
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



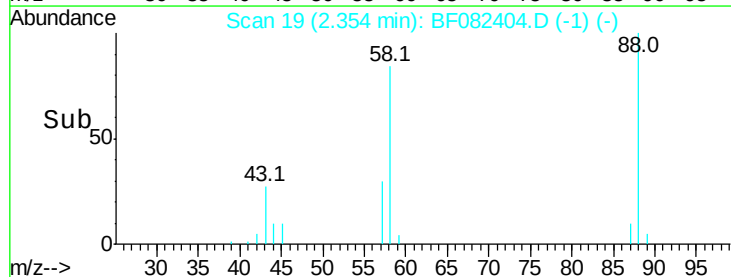
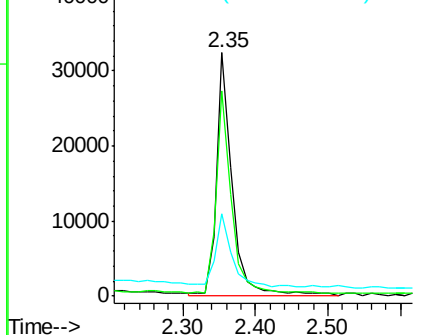
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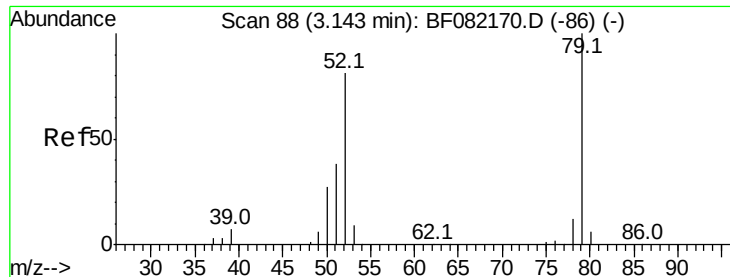
1,4-Dioxane
 Concen: 18.25 ng
 RT: 2.35 min Scan# 19
 Delta R.T. 0.06 min
 Lab File: BF082404.D
 Acq: 21 Oct 2015 15:11

Tgt Ion: 88 Resp: 49067
 Ion Ratio Lower Upper
 88 100
 58 78.0 66.2 99.4
 43 30.5 23.0 34.4



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

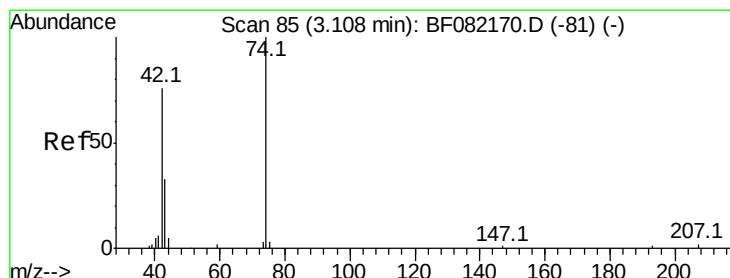
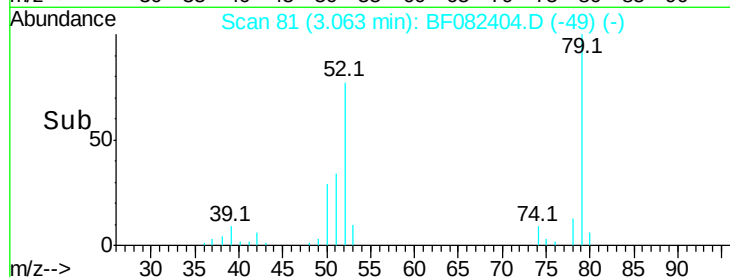
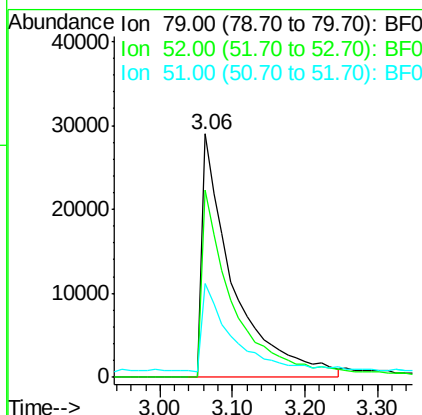
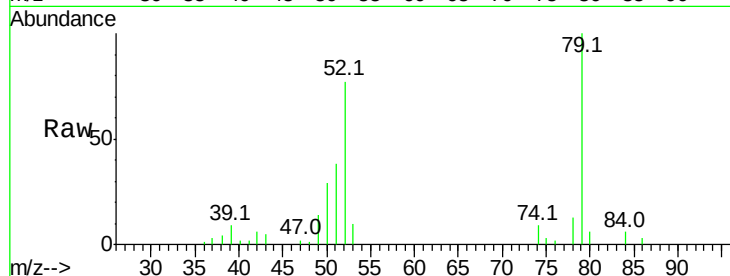




#3
 Pvridine
 Concen: 13.75 ng
 RT: 3.06 min Scan# 81
 Delta R.T. 0.07 min
 Lab File: BF082404.D
 Acq: 21 Oct 2015 15:11

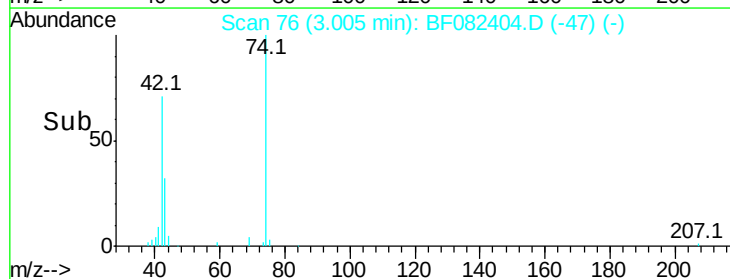
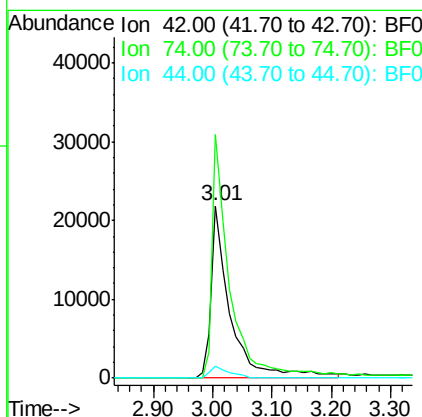
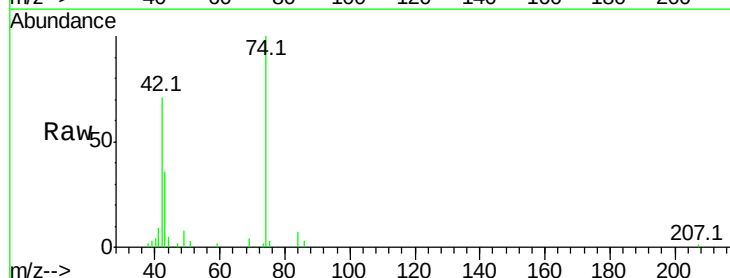
Instrument :
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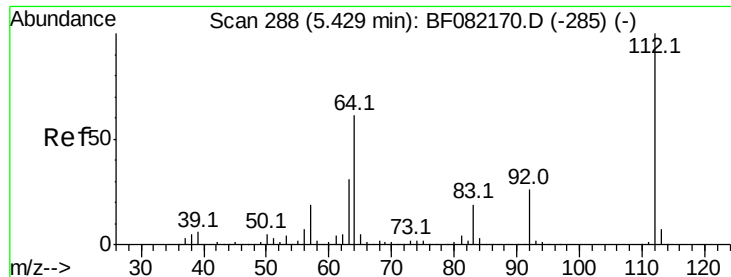
Tot Ion: 79 Resp: 85992
 Ion Ratio Lower Upper
 79 100
 52 77.0 64.4 96.6
 51 38.3 30.5 45.7



#4
 n-Nitrosodimethylamine
 Concen: 18.49 ng
 RT: 3.01 min Scan# 76
 Delta R.T. 0.03 min
 Lab File: BF082404.D
 Acq: 21 Oct 2015 15:11

Tgt Ion: 42 Resp: 49048
 Ion Ratio Lower Upper
 42 100
 74 141.4 105.7 158.5
 44 7.2 5.4 8.2





#5

2-Fluorophenol

Concen: 64.63 ng

RT: 5.36 min Scan# 282

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MS

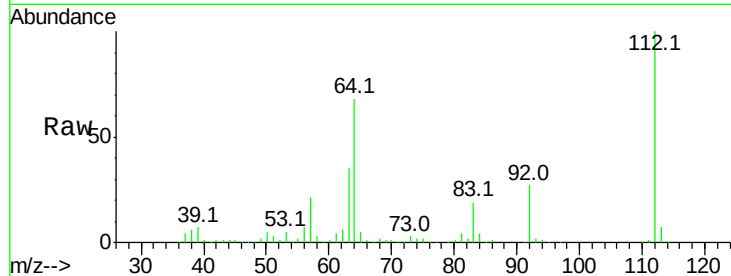
Tot Ion:112 Resp: 345863

Ion Ratio Lower Upper

112 100

64 67.7 48.6 73.0

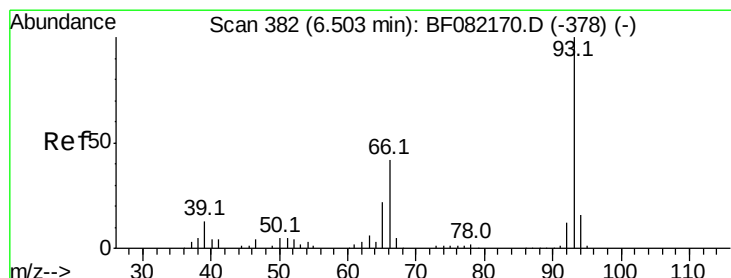
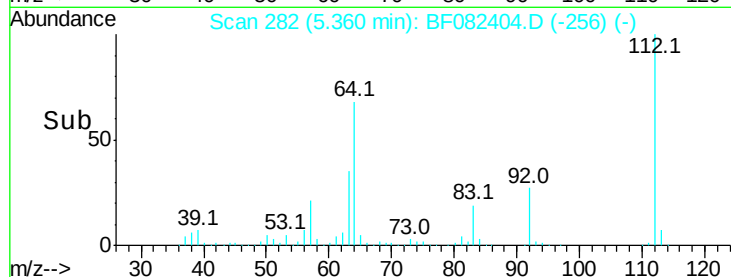
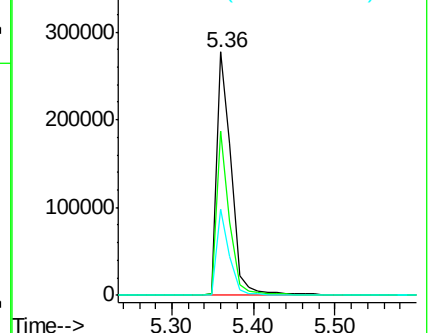
63 35.2 25.1 37.7



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: 17.93 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

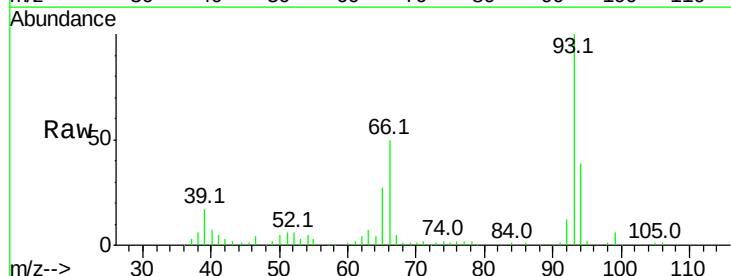
Tgt Ion: 93 Resp: 161015

Ion Ratio Lower Upper

93 100

66 50.5 34.2 51.2

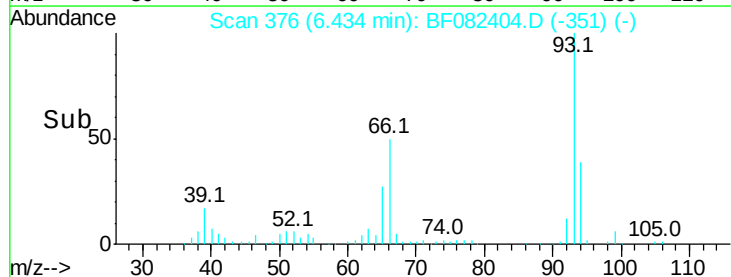
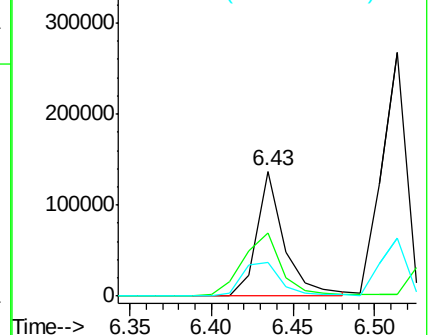
65 27.0 17.9 26.9#

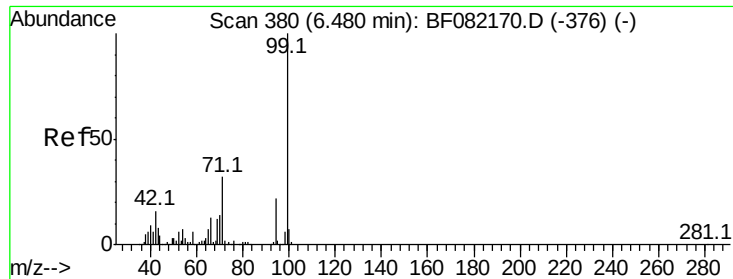


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 40.91 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

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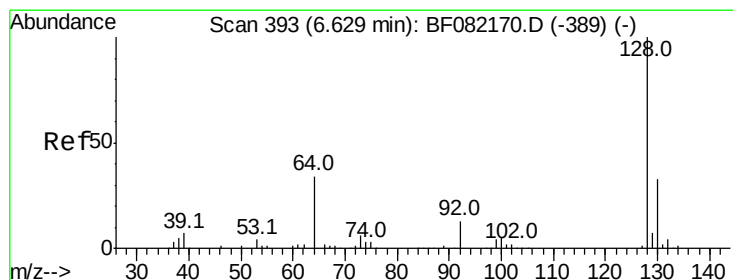
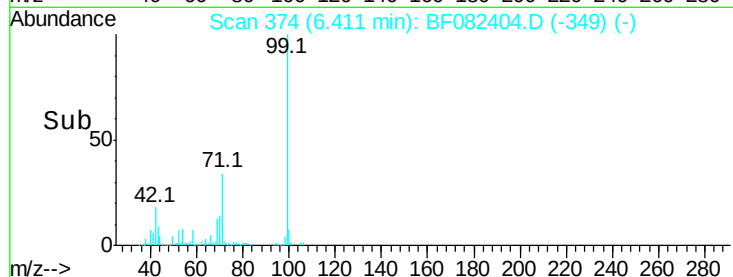
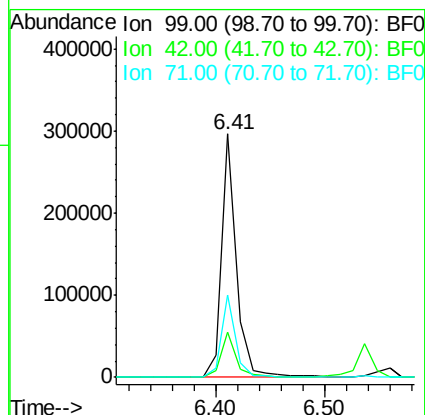
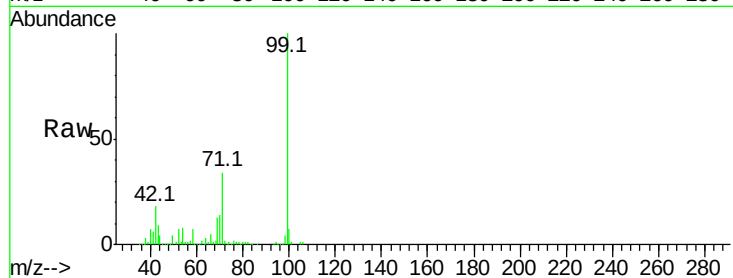
Tot Ion: 99 Resp: 284878

Ion Ratio Lower Upper

99 100

42 18.3 13.2 19.8

71 33.6 25.6 38.4



#8

2-Chlorophenol

Concen: 36.47 ng

RT: 6.56 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

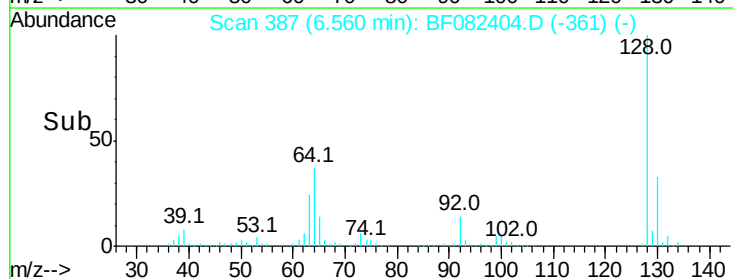
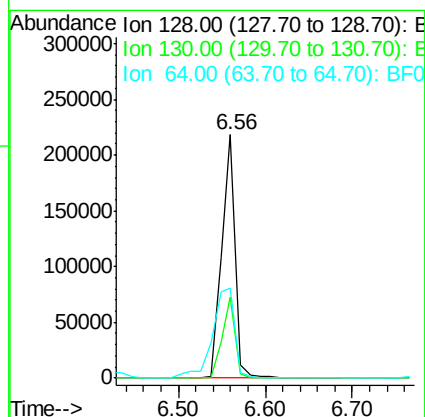
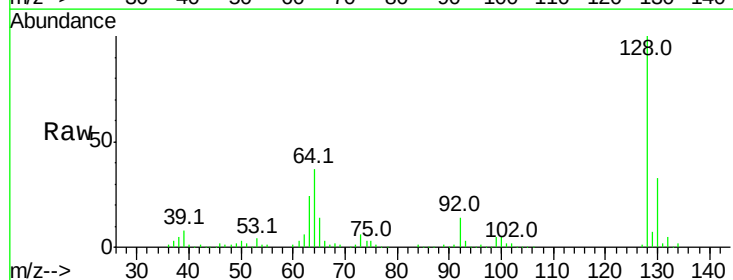
Tgt Ion: 128 Resp: 238268

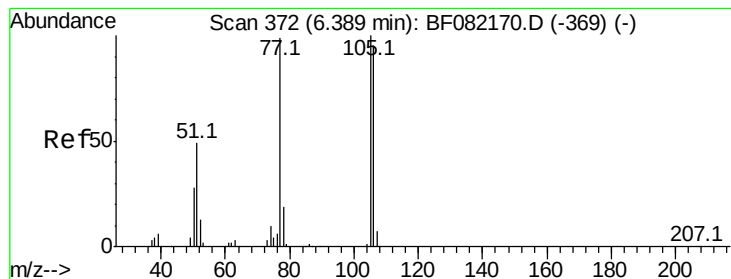
Ion Ratio Lower Upper

128 100

130 33.4 12.6 52.6

64 37.1 16.7 56.7





#9

Benzaldehyde

Concen: 38.04 ng

RT: 6.32 min Scan# 366

Delta R.T. -0.00 min

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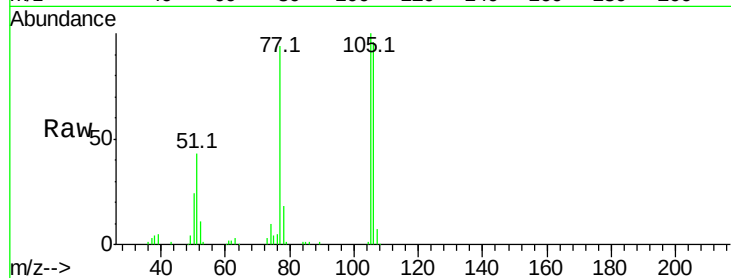
Tot Ion: 77 Resp: 135292

Ion Ratio Lower Upper

77 100

105 106.4 80.6 120.6

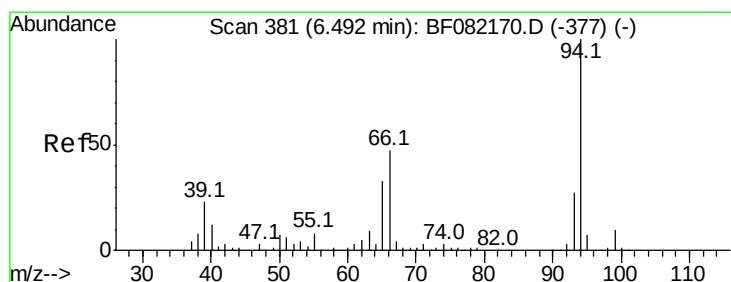
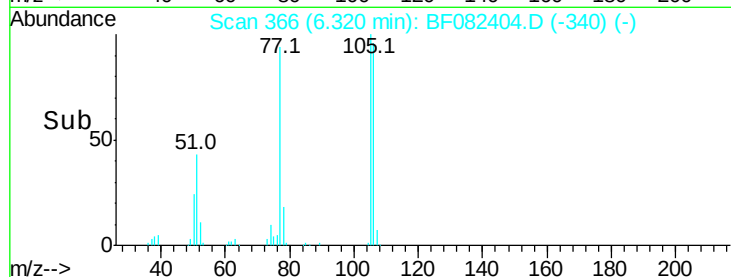
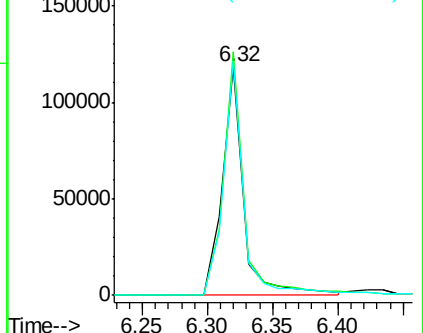
106 102.5 75.5 115.5



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: 14.57 ng

RT: 6.42 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

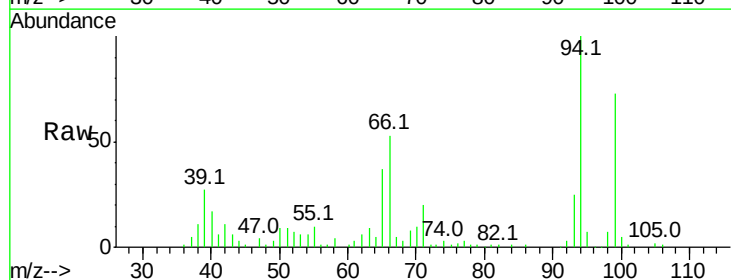
Tgt Ion: 94 Resp: 117000

Ion Ratio Lower Upper

94 100

65 37.2 12.6 52.6

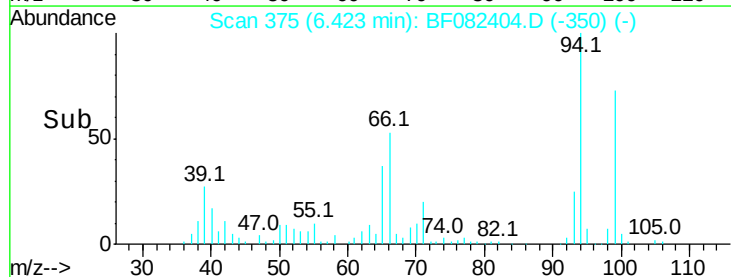
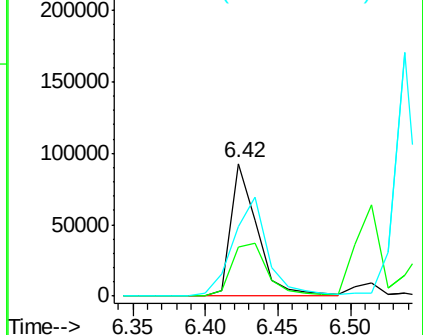
66 53.0 27.3 67.3

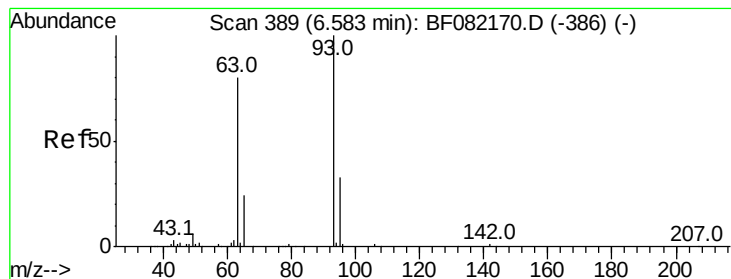


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

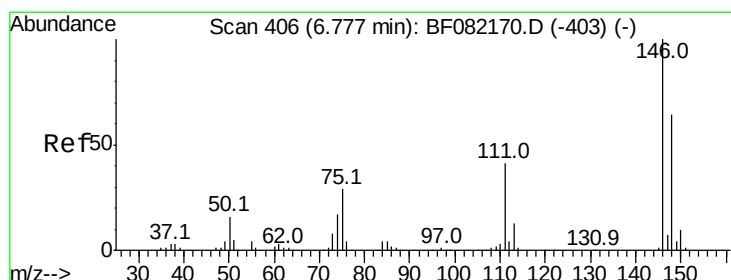
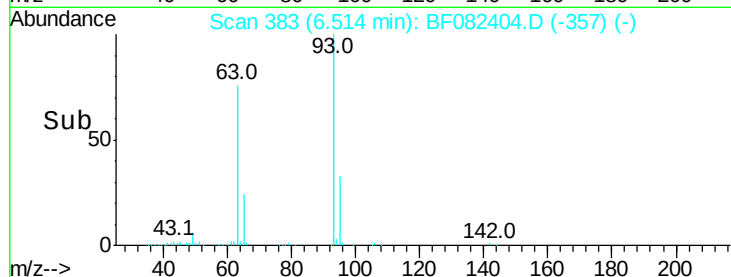
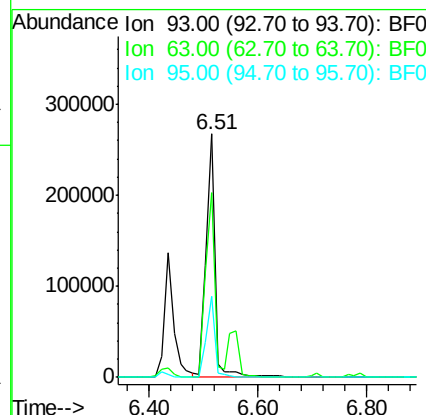
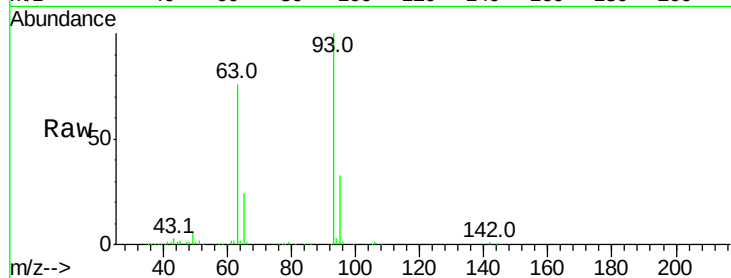




#11
bis(2-Chloroethyl)ether
Concen: 44.15 ng
RT: 6.51 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

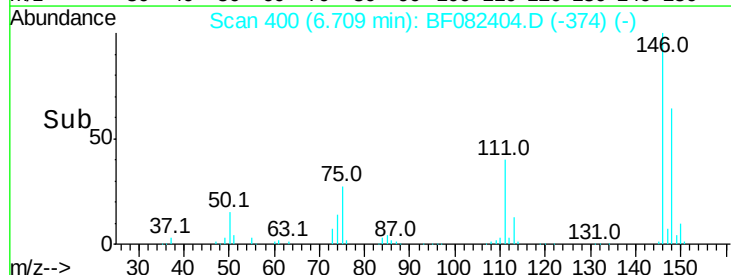
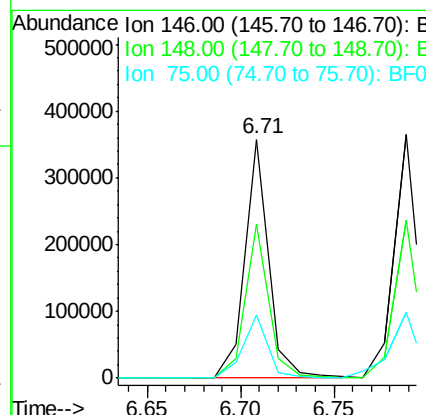
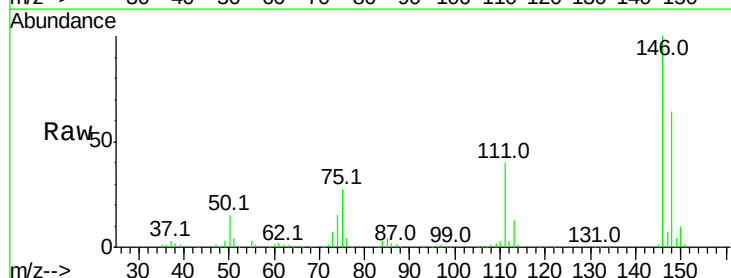
Instrument :
BNA_F
ClientSampleId :
20151013MGP208BRV68MS

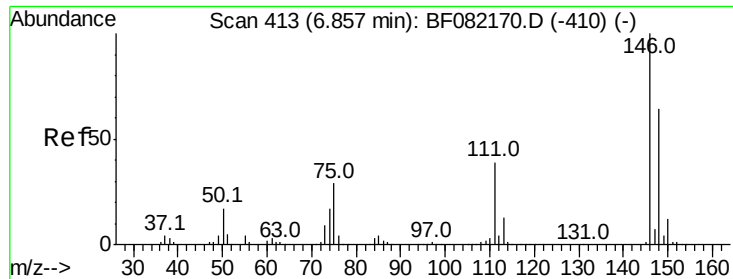
Tot Ion: 93 Resp: 299763
Ion Ratio Lower Upper
93 100
63 75.6 57.1 97.1
95 33.0 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 42.01 ng
RT: 6.71 min Scan# 400
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion: 146 Resp: 319592
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.2
75 26.6 23.0 34.6

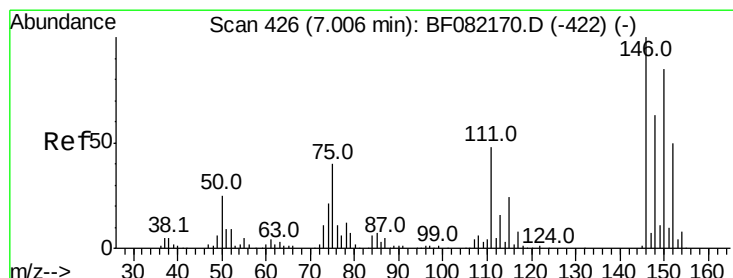
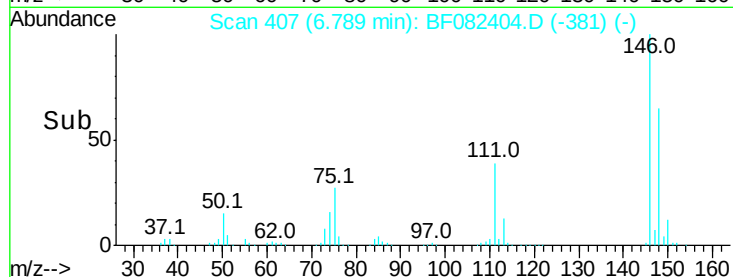
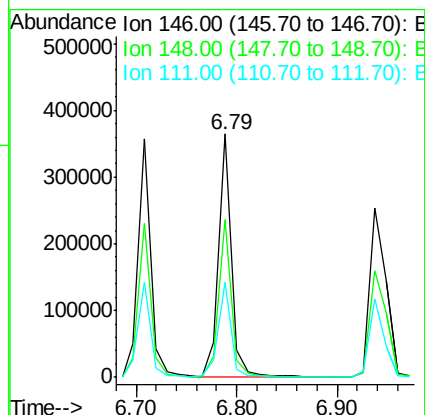
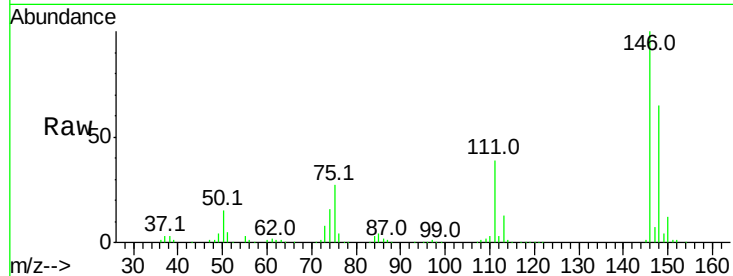




#13
 1,4-Dichlorobenzene
 Concen: 41.55 ng
 RT: 6.79 min Scan# 407
 Delta R.T. -0.00 min
 Lab File: BF082404.D
 Acq: 21 Oct 2015 15:11

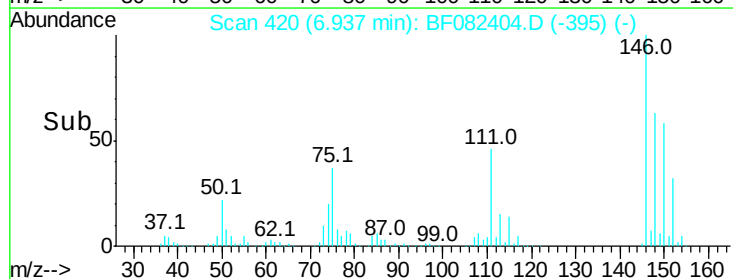
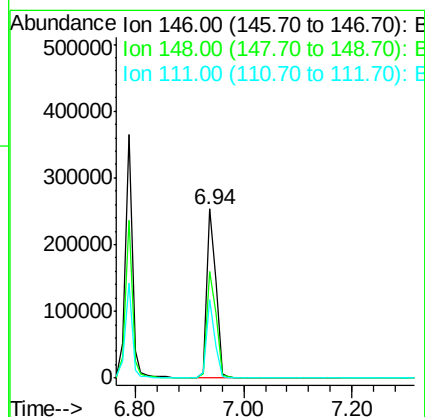
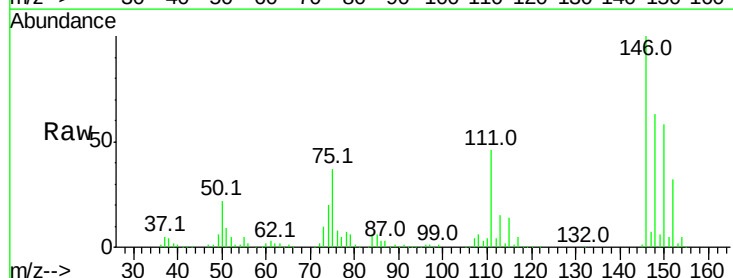
Instrument :
 BNA_F
 ClientSampleId :
 20151013MGP208BRV68MS

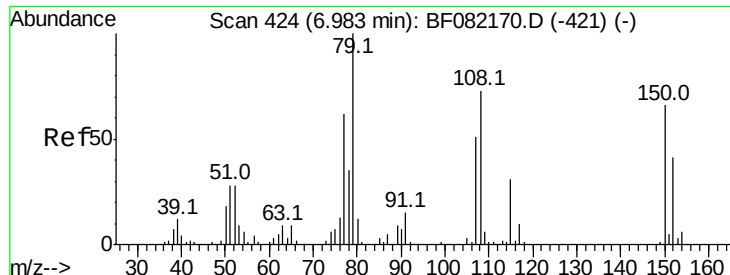
Tot Ion:146 Resp: 330125
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.0 76.4
 111 38.8 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 38.83 ng
 RT: 6.94 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF082404.D
 Acq: 21 Oct 2015 15:11

Tgt Ion:146 Resp: 292949
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.5 75.7
 111 46.4 38.5 57.7

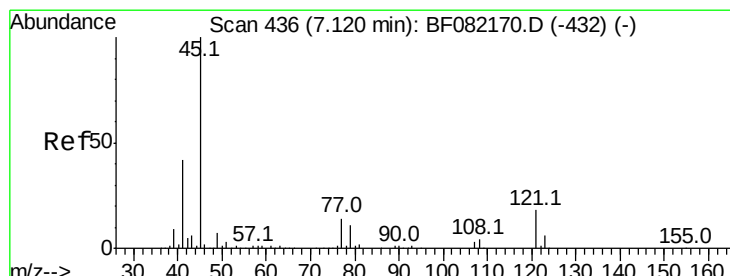
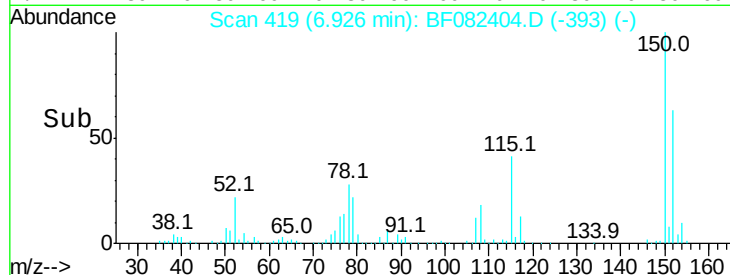
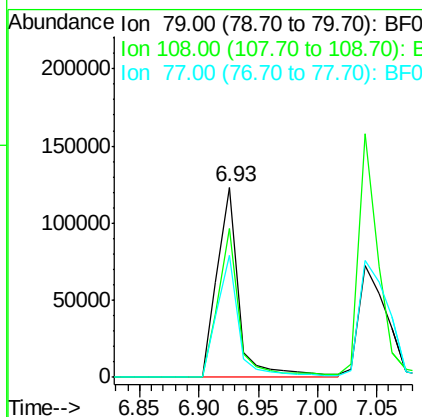
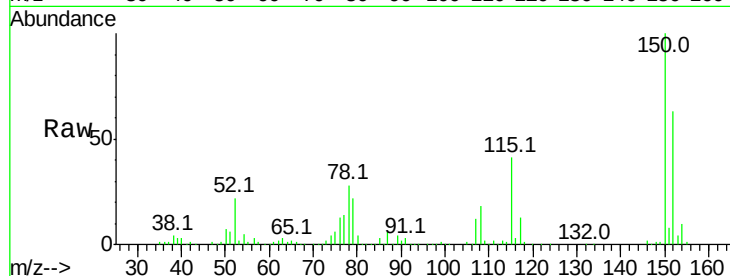




#15
Benzyl Alcohol
Concen: 32.62 ng
RT: 6.93 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

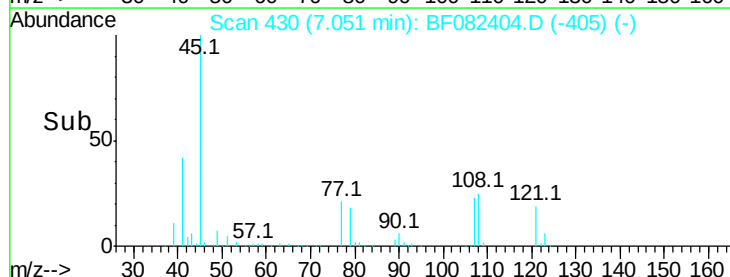
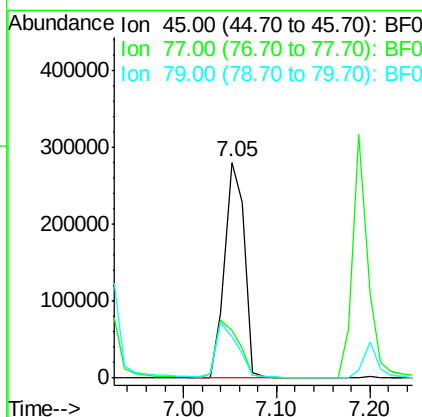
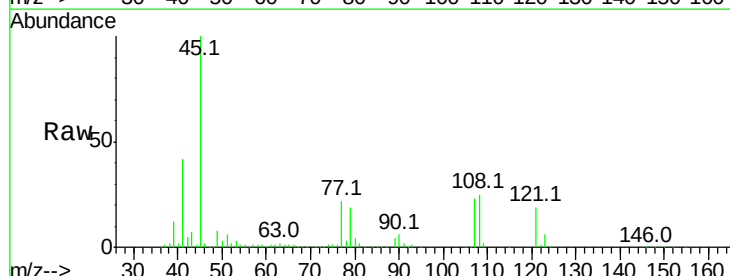
Instrument :
BNA_F
ClientSampleId :
20151013MGP208BRV68MS

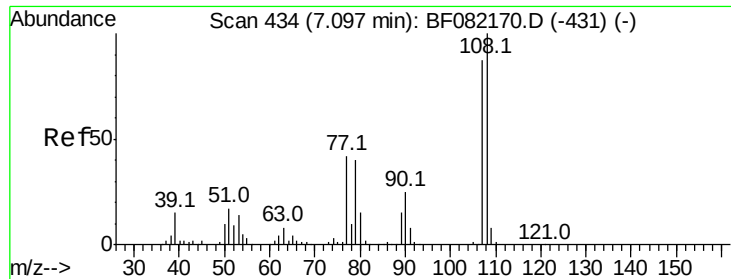
Tot Ion: 79 Resp: 156813
Ion Ratio Lower Upper
79 100
108 78.5 58.4 87.6
77 64.0 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.97 ng
RT: 7.05 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion: 45 Resp: 415721
Ion Ratio Lower Upper
45 100
77 21.9 0.0 34.5
79 19.3 0.0 31.6





#17

2-Methylphenol

Concen: 30.73 ng

RT: 7.04 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MS

Tot Ion:107 Resp: 158735

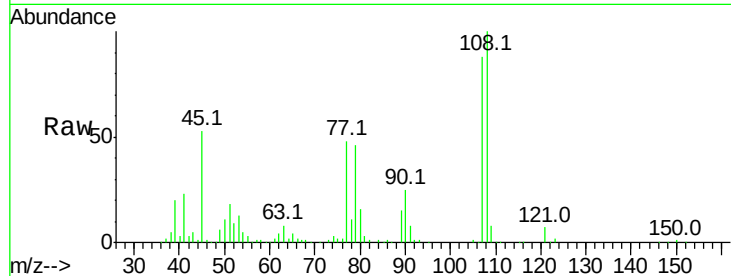
Ion Ratio Lower Upper

107 100

108 114.0 92.2 138.2

77 54.7 39.6 59.4

79 52.2 38.2 57.4

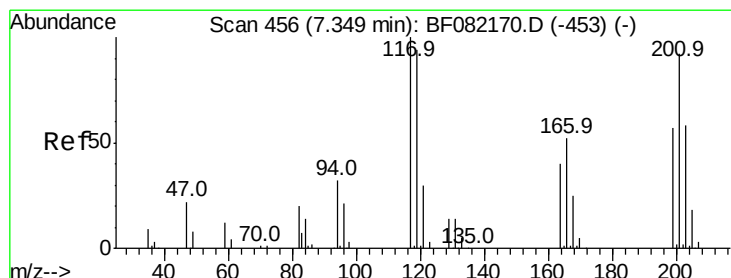
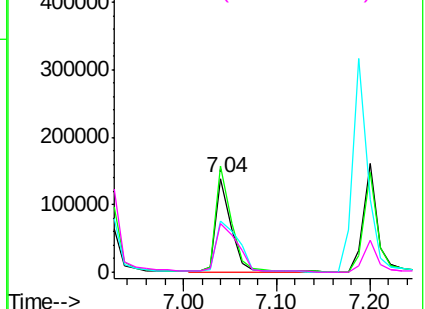
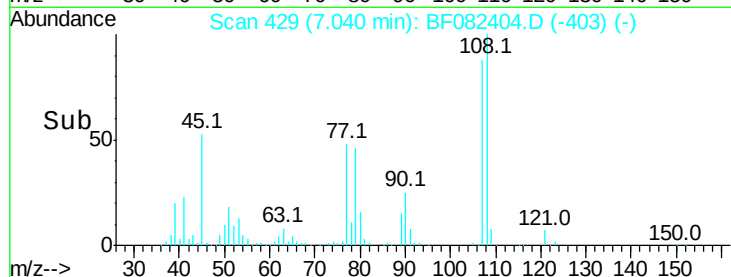


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.38 ng

RT: 7.28 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

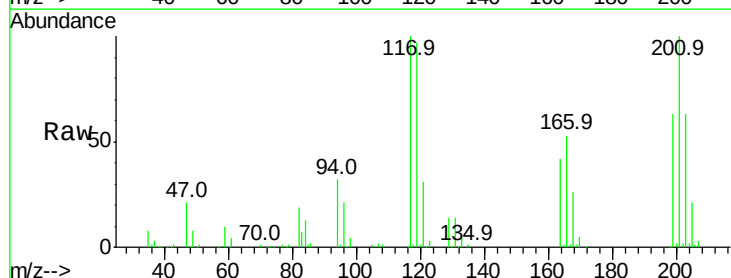
Tgt Ion:117 Resp: 109803

Ion Ratio Lower Upper

117 100

119 96.9 75.4 113.2

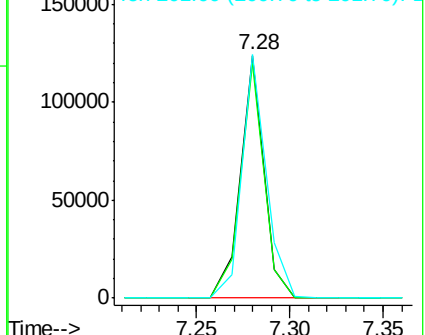
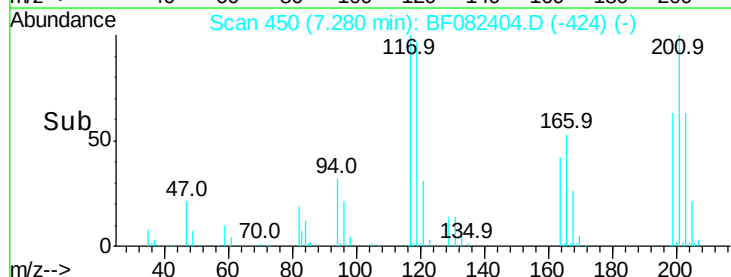
201 100.4 73.4 110.0

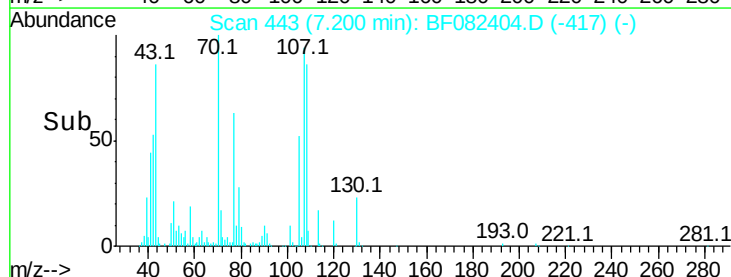
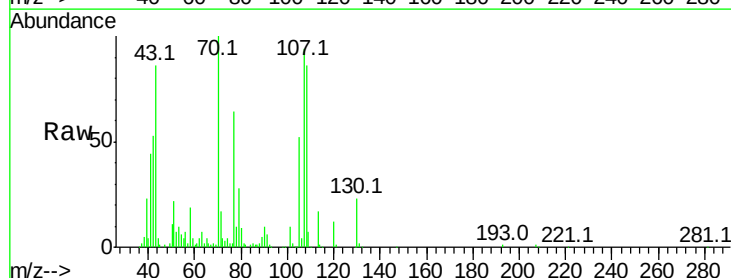
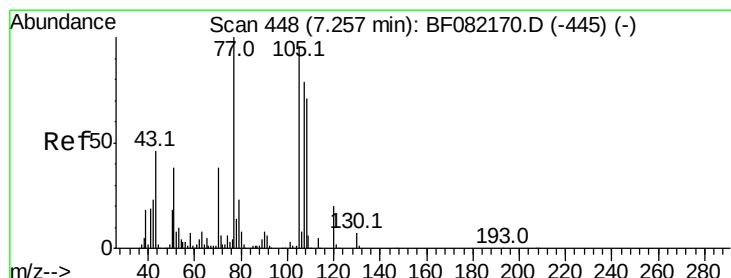
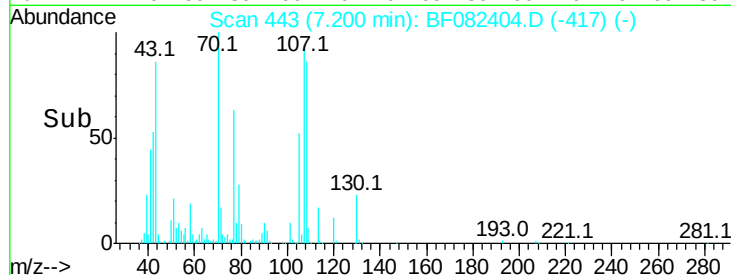
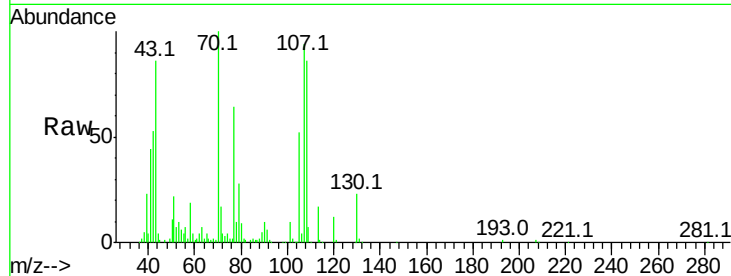
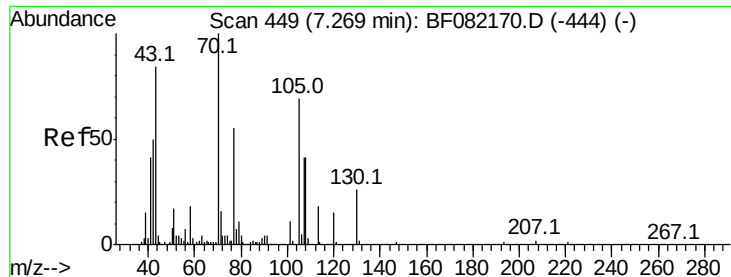


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

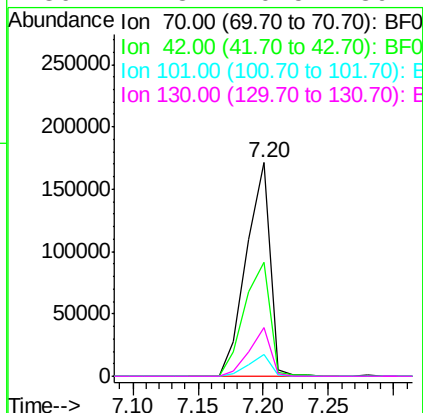




#19
n-Nitroso-di-n-propylamine
Concen: 44.66 ng
RT: 7.20 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

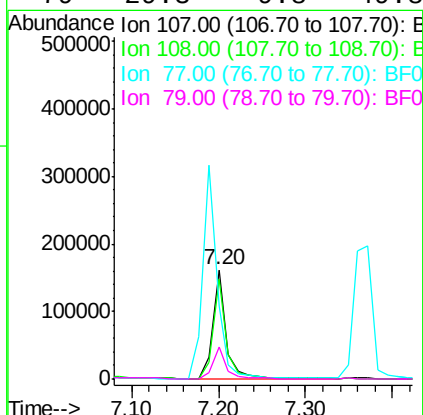
Instrument :
BNA_F
ClientSampleId :
20151013MGP208BRV68MS

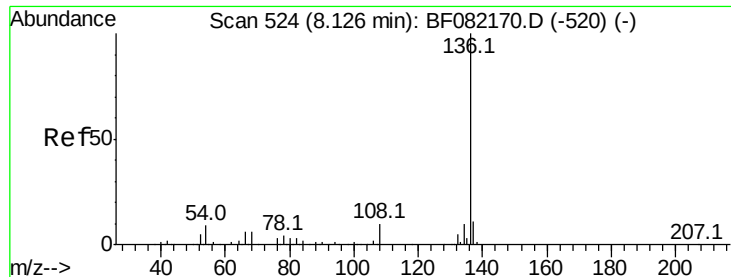
Tot Ion	Ratio	Lower	Upper
70	100		
42	53.4	39.8	59.8
101	10.2	8.6	13.0
130	22.8	20.5	30.7



#20
3+4-Methylphenols
Concen: 28.09 ng
RT: 7.20 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.7	69.9	109.9
77	67.7	106.0	146.0#
79	29.3	9.8	49.8

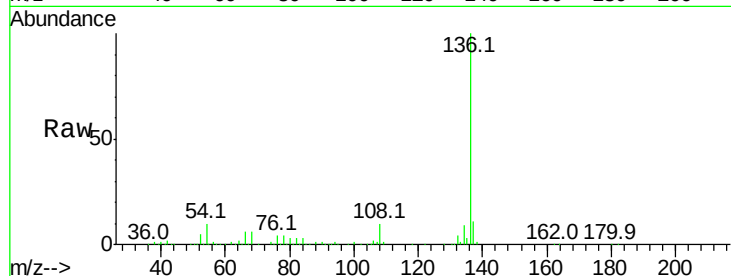




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Instrument :
BNA_F
ClientSampleId :
20151013MGP208BRV68MS

Tot Ion:	136	Resp:	413113
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	9.7	7.5	11.3
68	5.9	4.6	7.0

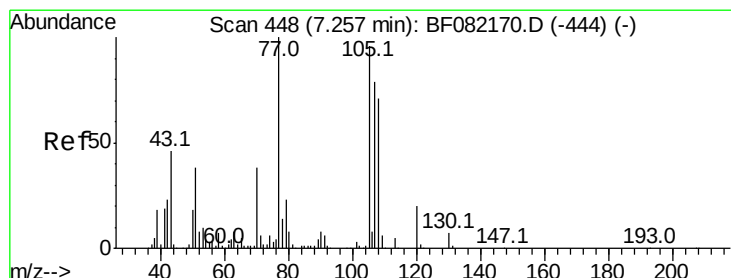
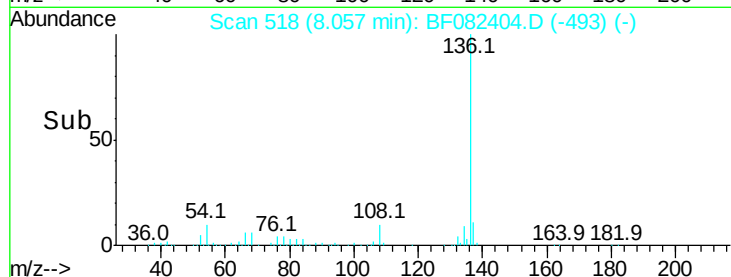
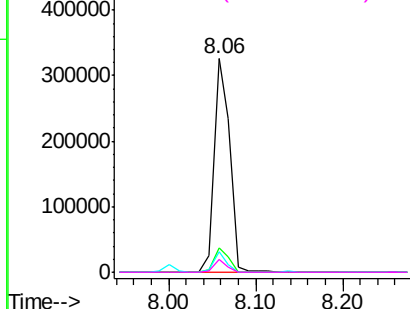


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

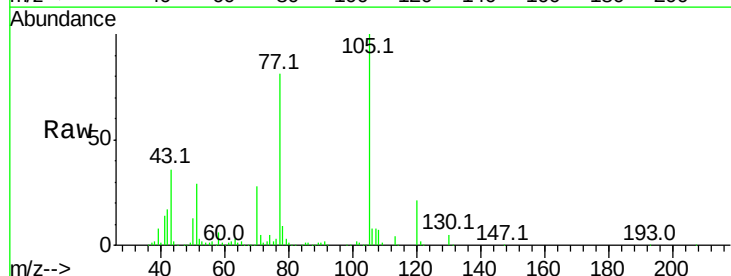
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 49.84 ng
RT: 7.19 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:	105	Resp:	407254
Ion	Ratio	Lower	Upper
105	100		
71	4.7	5.4	8.0#
51	29.0	31.8	47.6#
120	21.4	16.3	24.5

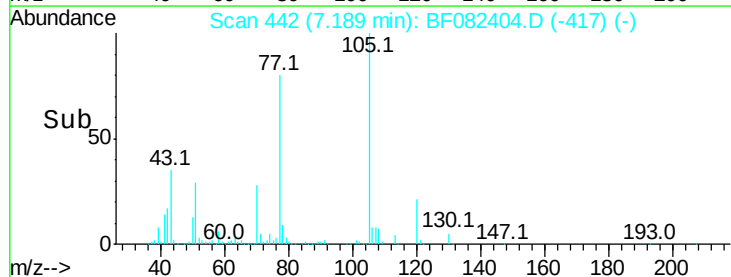
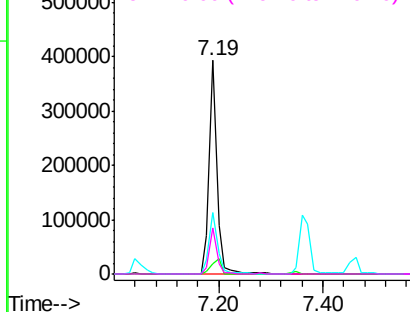


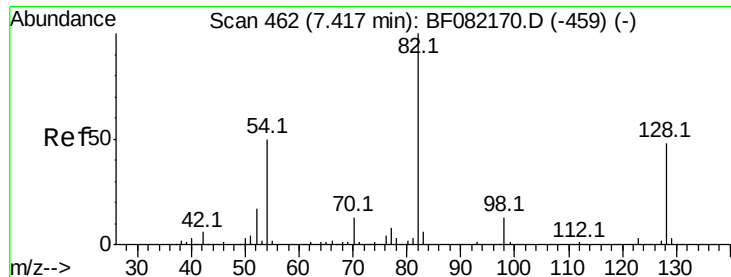
Abundance Ion 105.00 (104.70 to 105.70): E

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

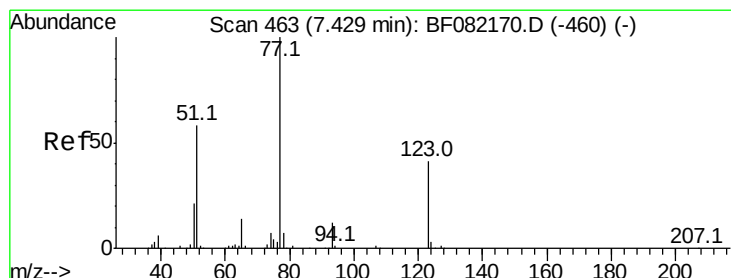
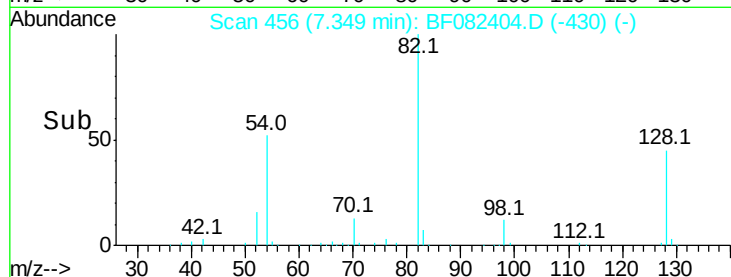
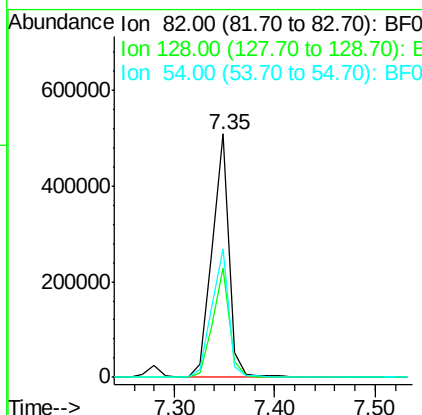
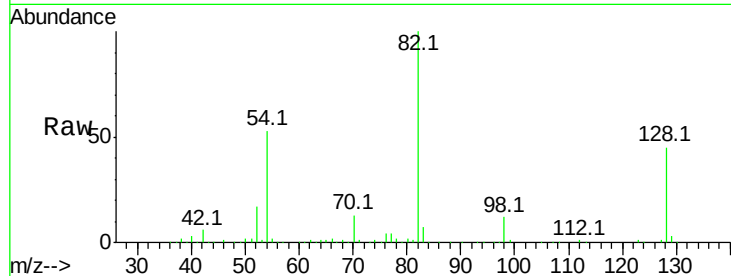




#23
 Nitrobenzene-d5
 Concen: 96.94 ng
 RT: 7.35 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF082404.D
 Acq: 21 Oct 2015 15:11

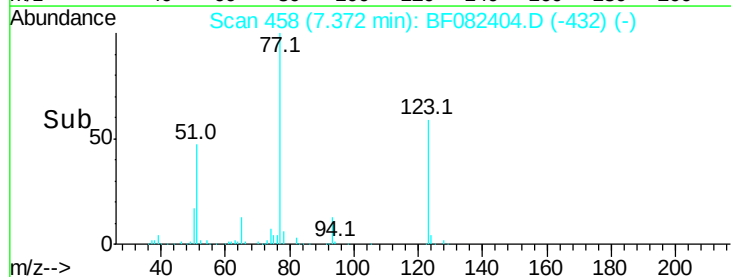
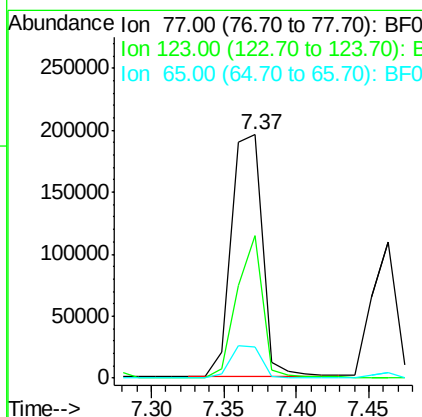
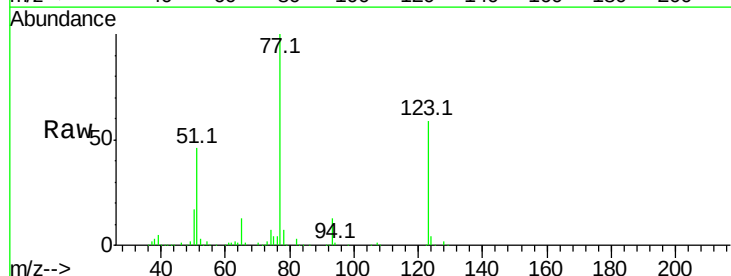
Instrument :
 BNA_F
 ClientSampleId :
 20151013MGP208BRV68MS

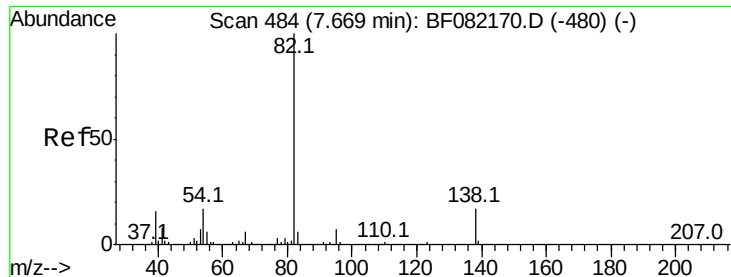
Tot Ion: 82 Resp: 596342
 Ion Ratio Lower Upper
 82 100
 128 44.8 38.7 58.1
 54 52.8 40.1 60.1



#24
 Nitrobenzene
 Concen: 43.89 ng
 RT: 7.37 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF082404.D
 Acq: 21 Oct 2015 15:11

Tgt Ion: 77 Resp: 292278
 Ion Ratio Lower Upper
 77 100
 123 58.6 33.0 49.4#
 65 12.8 11.2 16.8





#25

Isophorone

Concen: 46.07 ng

RT: 7.60 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MS

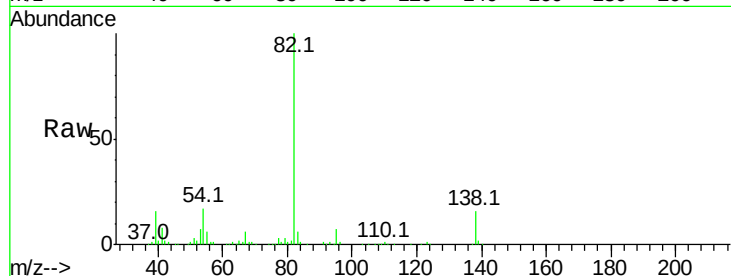
Tot Ion: 82 Resp: 572041

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

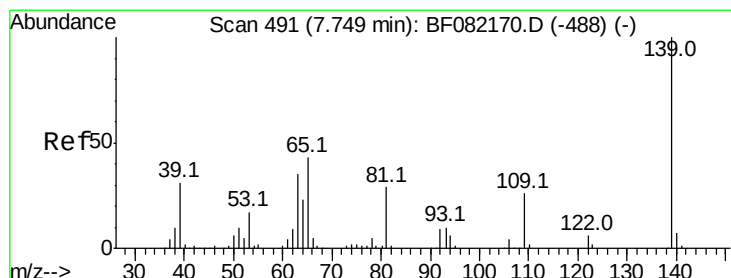
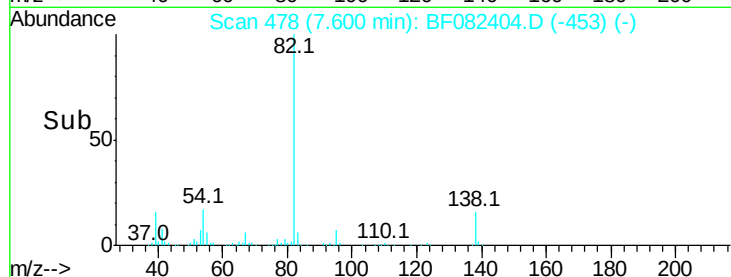
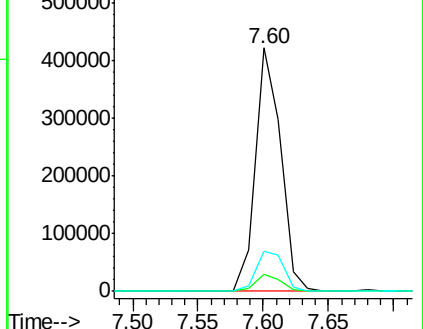
138 16.4 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 46.88 ng

RT: 7.68 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

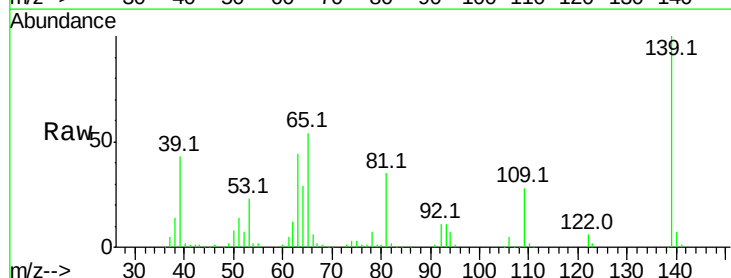
Tgt Ion: 139 Resp: 155862

Ion Ratio Lower Upper

139 100

109 28.0 20.6 31.0

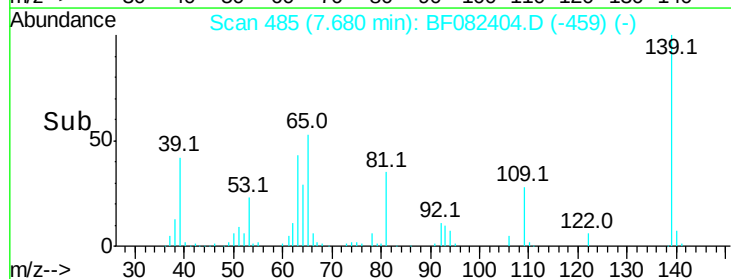
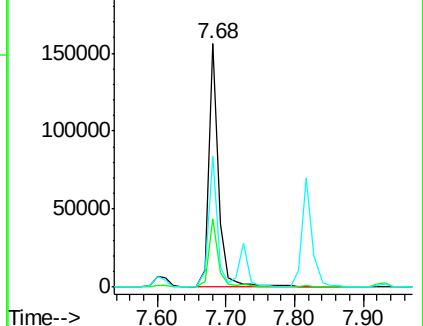
65 53.9 34.3 51.5#

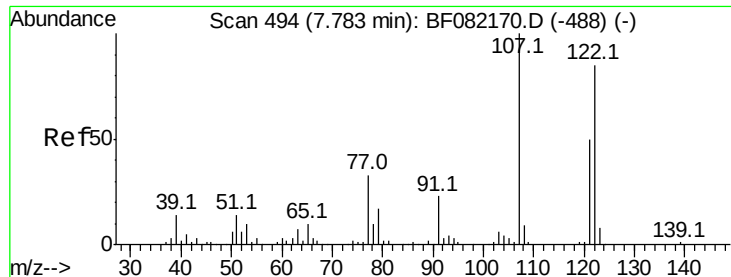


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 45.48 ng

RT: 7.73 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MS

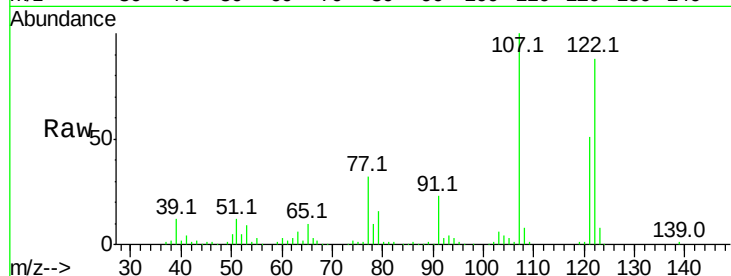
Tot Ion:122 Resp: 243612

Ion Ratio Lower Upper

122 100

107 114.1 94.0 141.0

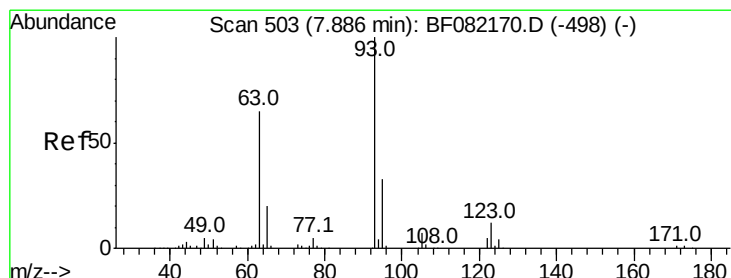
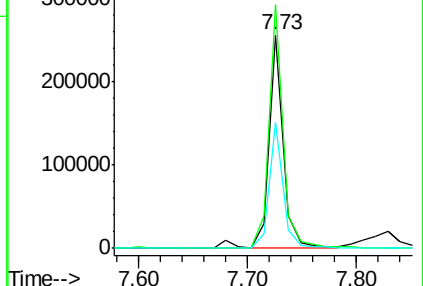
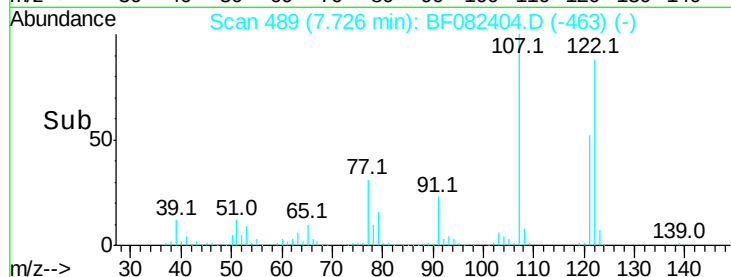
121 58.7 46.8 70.2



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: 46.30 ng

RT: 7.82 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

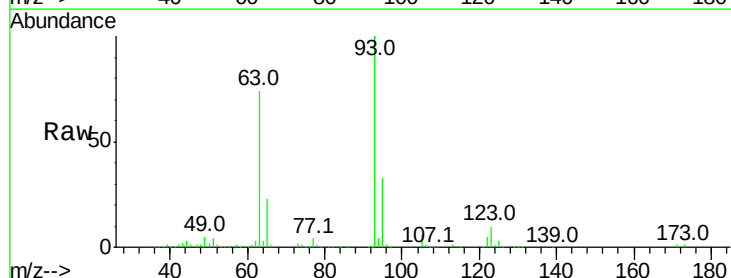
Tgt Ion: 93 Resp: 334488

Ion Ratio Lower Upper

93 100

95 32.8 26.6 39.8

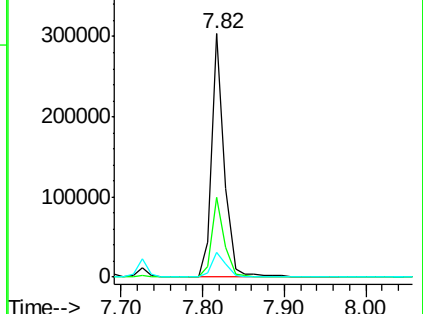
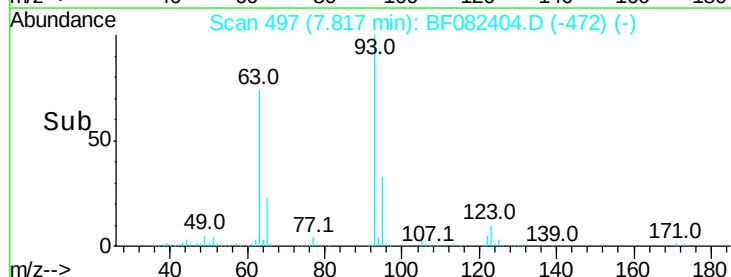
123 10.2 9.5 14.3

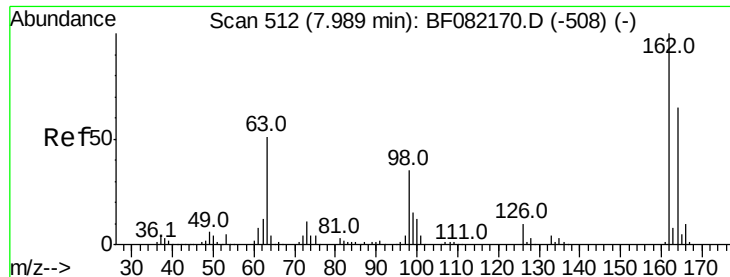


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

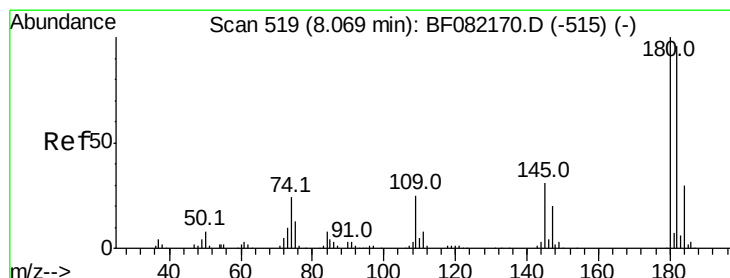
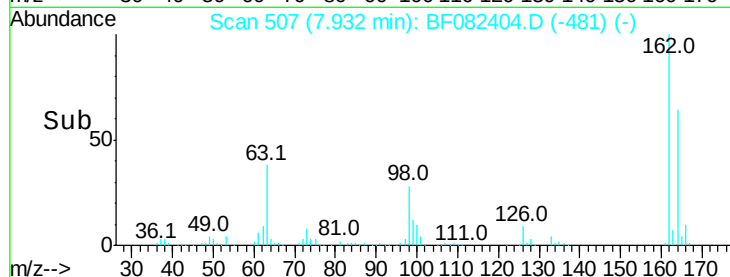
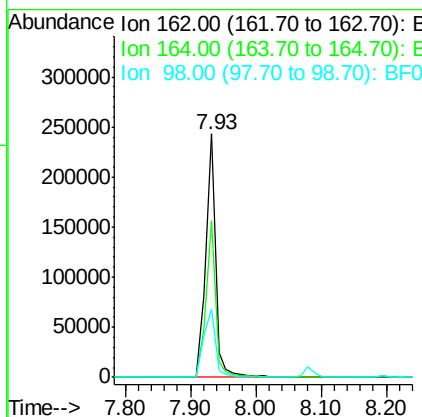
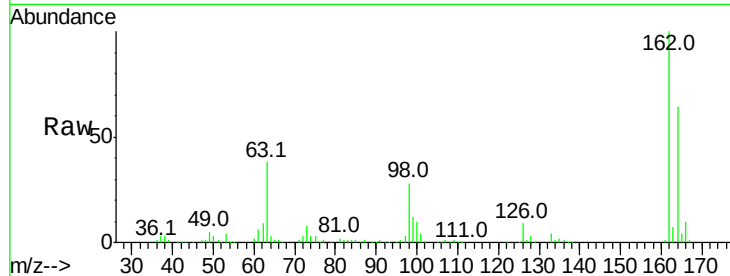




#29
 2,4-Dichlorophenol
 Concen: 47.65 ng
 RT: 7.93 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF082404.D
 Acq: 21 Oct 2015 15:11

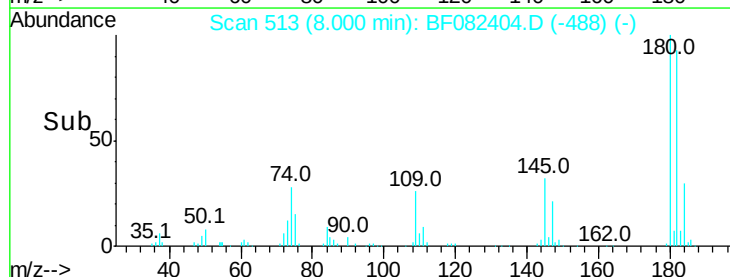
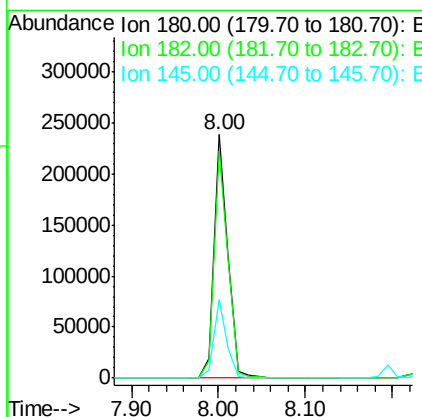
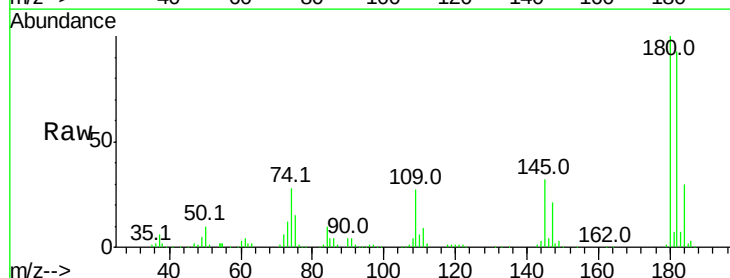
Instrument :
 BNA_F
 ClientSampleId :
 20151013MGP208BRV68MS

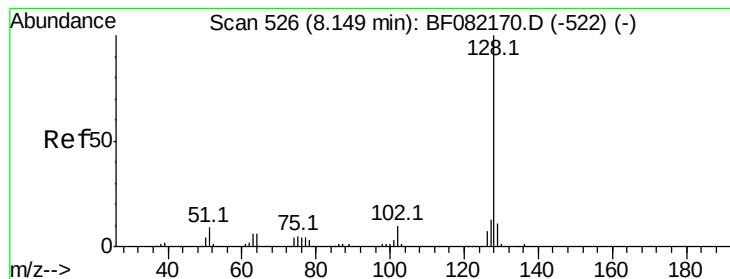
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.6	84.6
98	28.2	15.0	55.0



#30
 1,2,4-Trichlorobenzene
 Concen: 43.08 ng
 RT: 8.00 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF082404.D
 Acq: 21 Oct 2015 15:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	77.0	115.4
145	32.3	25.0	37.4





#31

Naphthalene

Concen: 44.86 ng

RT: 8.08 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MS

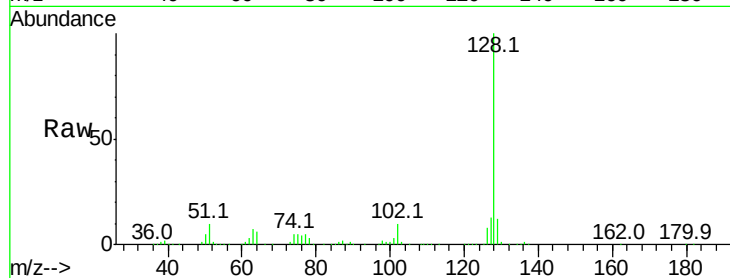
Tot Ion:128 Resp: 803359

Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

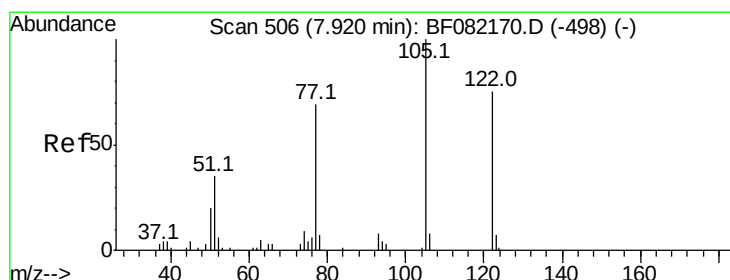
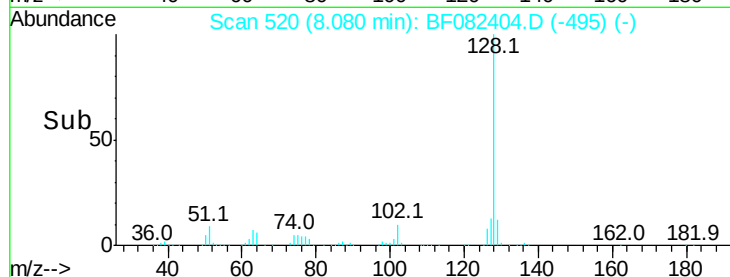
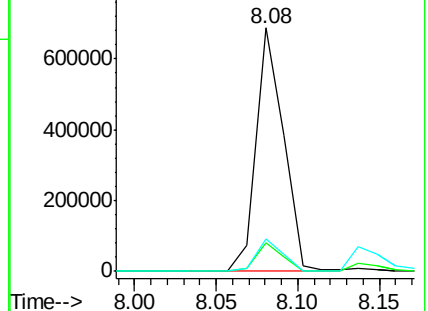
127 13.4 10.7 16.1



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: 12.87 ng

RT: 7.83 min Scan# 498

Delta R.T. -0.03 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

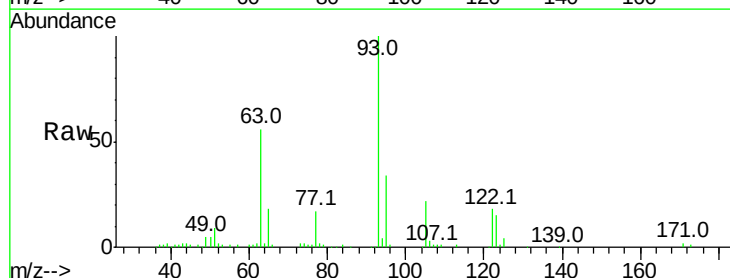
Tgt Ion:122 Resp: 46270

Ion Ratio Lower Upper

122 100

105 124.9 104.4 144.4

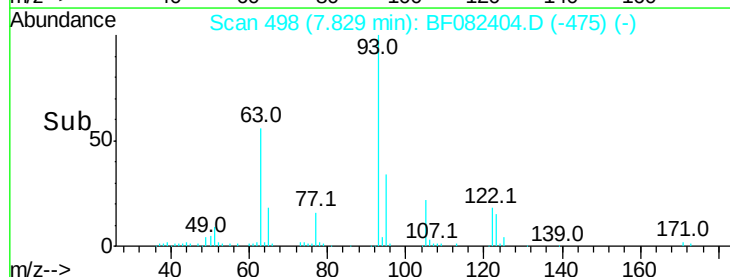
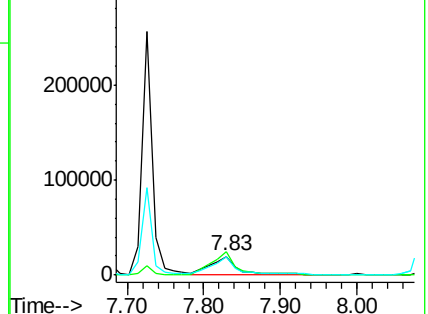
77 95.0 69.0 109.0

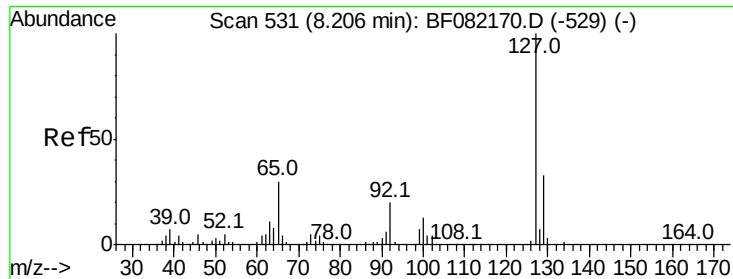


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

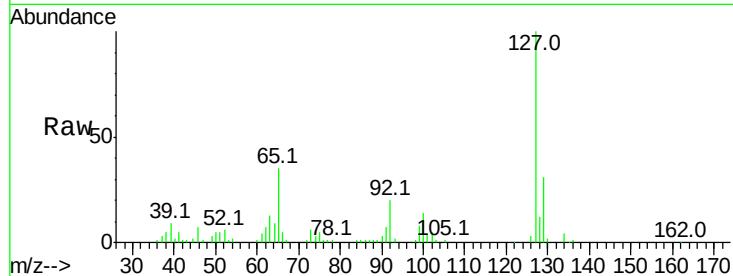




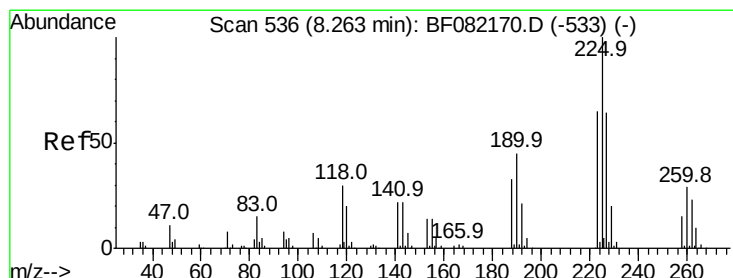
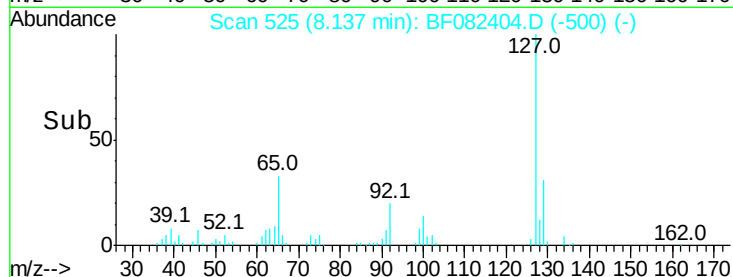
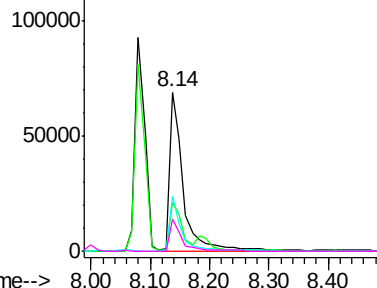
#33
4-Chloroaniline
Concen: 15.30 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Instrument :
BNA_F
ClientSampleId :
20151013MGP208BRV68MS

Tot Ion:	127	Resp:	113755
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.3	39.5
65	34.9	24.4	36.6
92	20.3	15.7	23.5

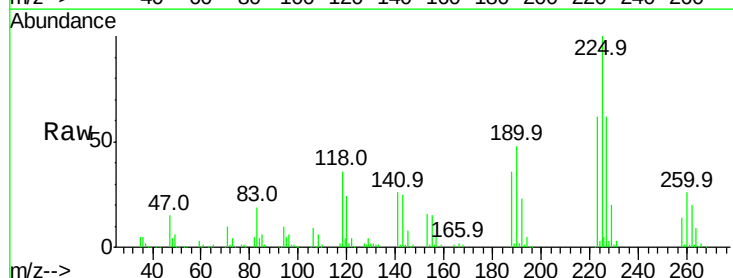


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

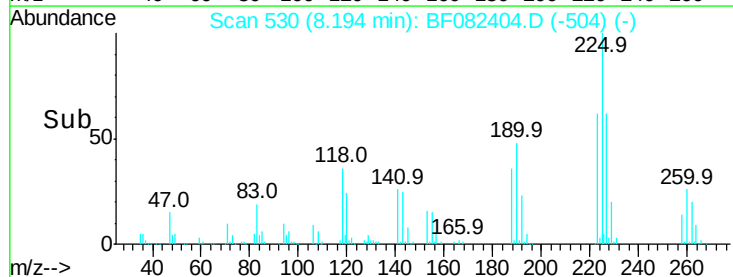
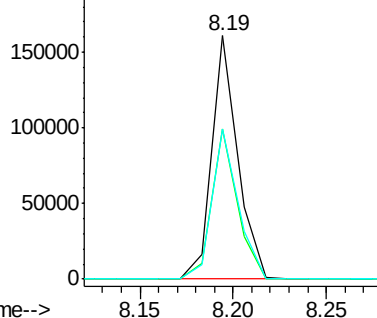


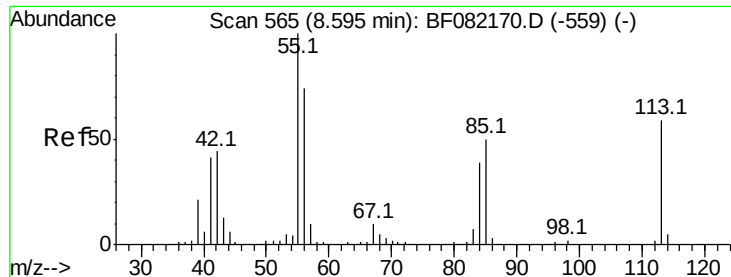
#34
Hexachlorobutadiene
Concen: 40.32 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:	225	Resp:	155081
Ion	Ratio	Lower	Upper
225	100		
223	61.7	52.2	78.2
227	61.8	51.3	76.9



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

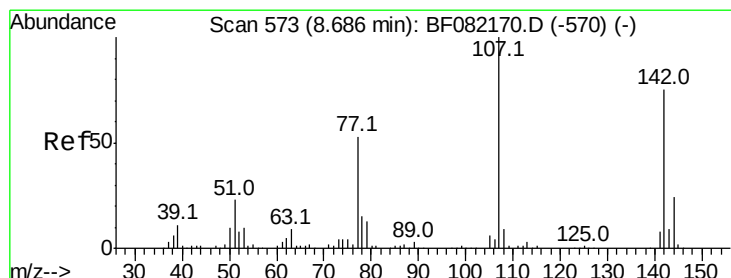
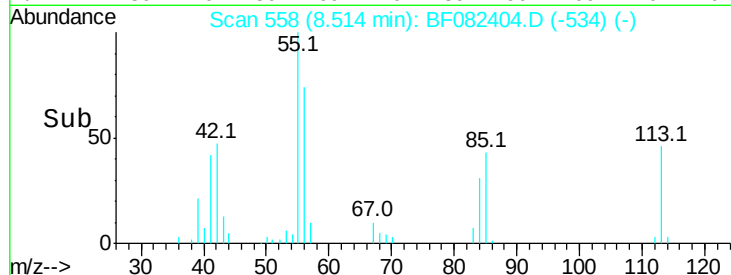
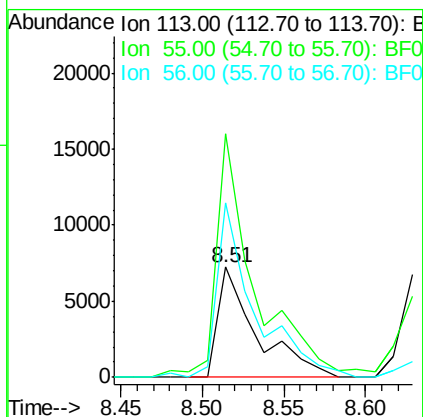
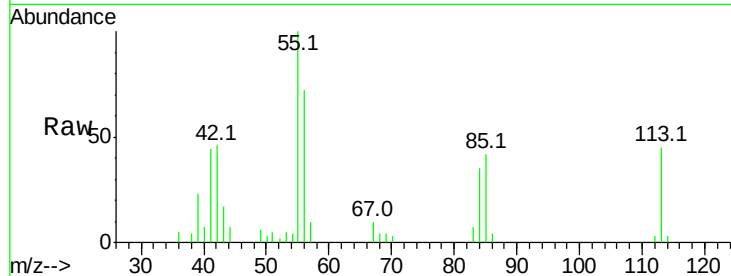




#35
 Caprolactam
 Concen: 7.57 ng
 RT: 8.51 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: BF082404.D
 Acq: 21 Oct 2015 15:11

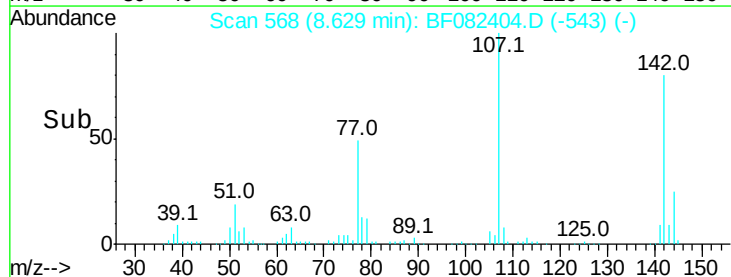
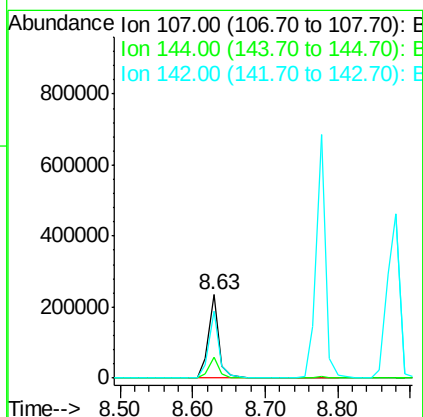
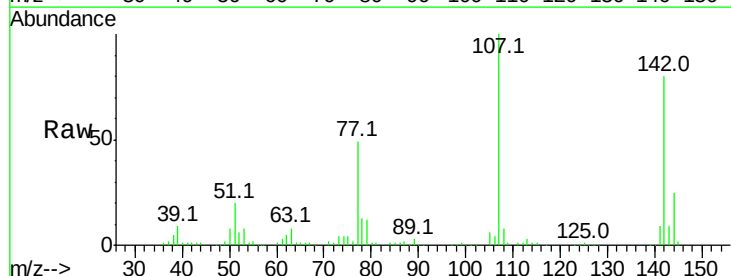
Instrument :
 BNA_F
 ClientSampleId :
 20151013MGP208BRV68MS

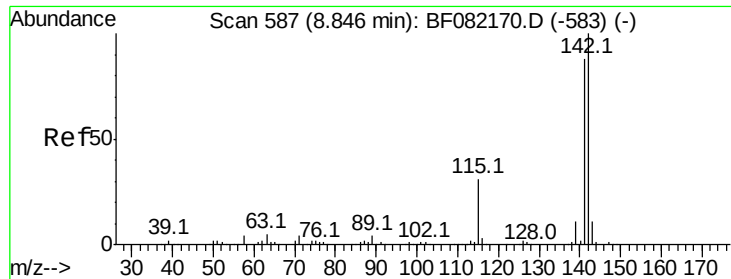
Tot Ion:113 Resp: 11759
 Ion Ratio Lower Upper
 113 100
 55 221.6 149.7 189.7#
 56 158.8 105.4 145.4#



#36
 4-Chloro-3-methylphenol
 Concen: 45.90 ng
 RT: 8.63 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF082404.D
 Acq: 21 Oct 2015 15:11

Tgt Ion:107 Resp: 240336
 Ion Ratio Lower Upper
 107 100
 144 25.4 19.3 28.9
 142 80.2 59.9 89.9





#37

2-Methylnaphthalene

Concen: 50.03 ng

RT: 8.78 min Scan# 581

Delta R.T. -0.00 min

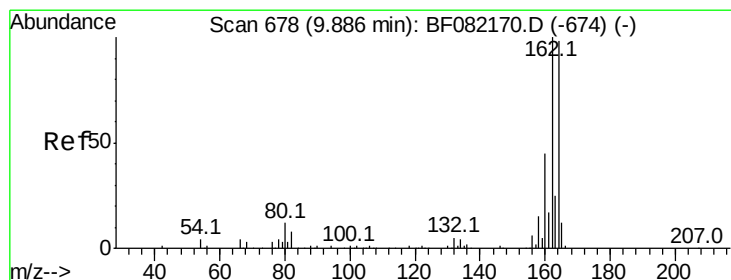
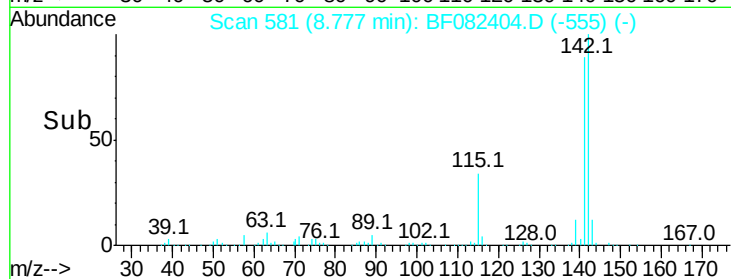
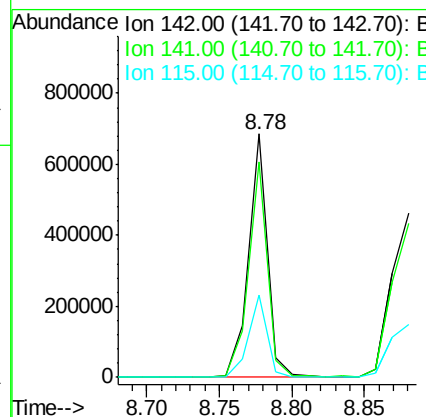
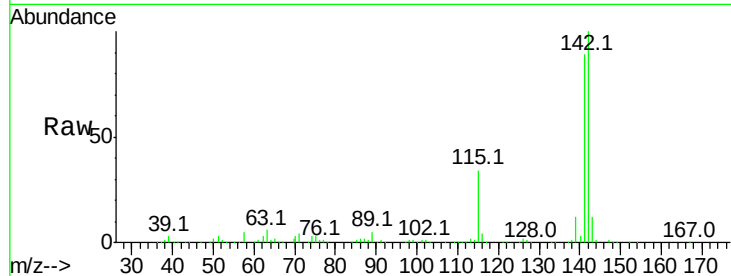
Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

Instrument :
BNA_F
ClientSampleId :
20151013MGP208BRV68MS

Tot Ion:142 Resp: 621047

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.4	105.6
115	34.0	24.6	37.0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 672

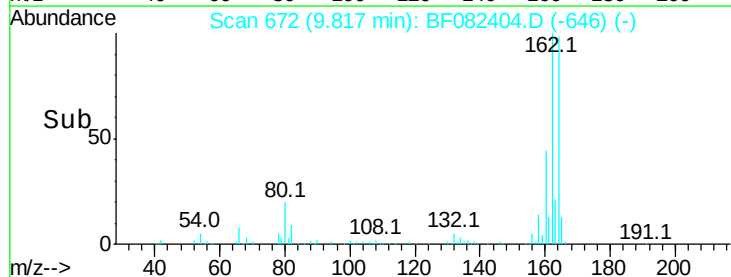
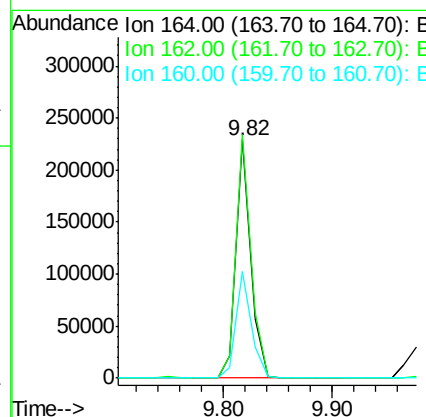
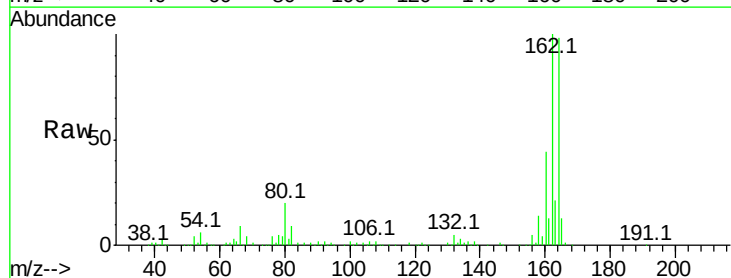
Delta R.T. -0.00 min

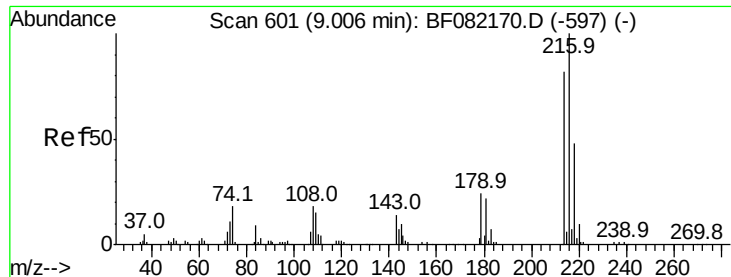
Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

Tgt Ion:164 Resp: 214216

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.6	122.4
160	44.7	36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.96 ng

RT: 8.95 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MS

Tot Ion:216 Resp: 292824

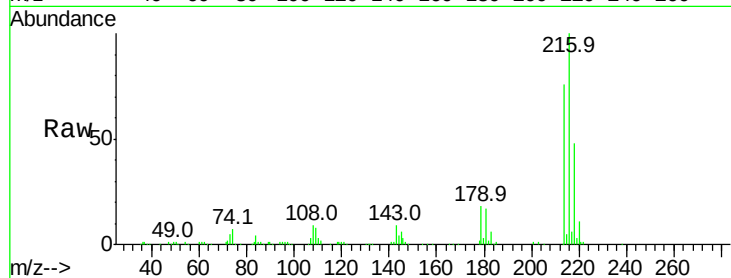
Ion Ratio Lower Upper

216 100

214 78.0 64.6 97.0

179 20.1 17.6 26.4

108 17.2 14.5 21.7

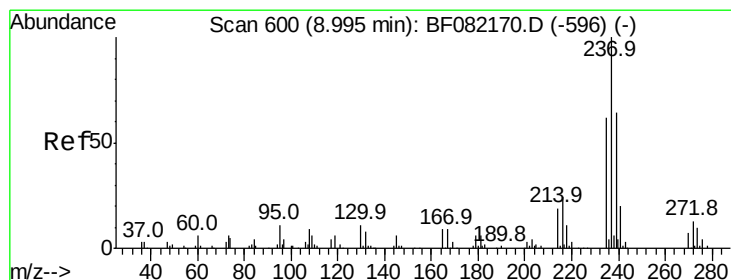
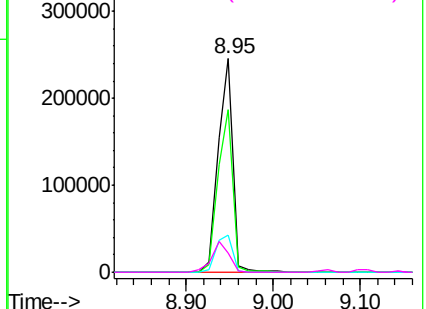
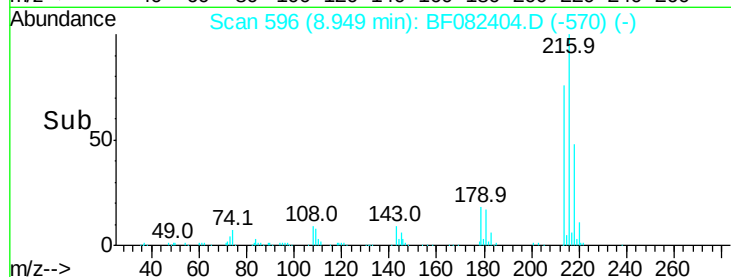


Abundance Ion 216.00 (215.70 to 216.70): E

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: 65.03 ng

RT: 8.93 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

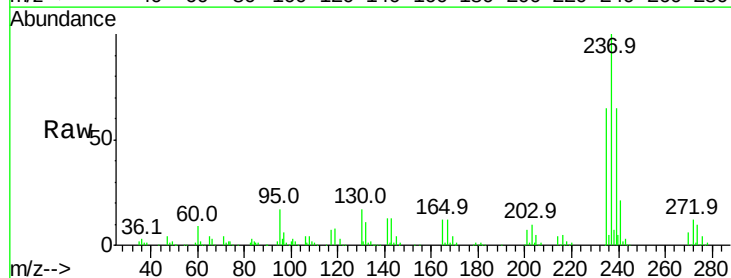
Tgt Ion:237 Resp: 204088

Ion Ratio Lower Upper

237 100

235 64.8 41.7 81.7

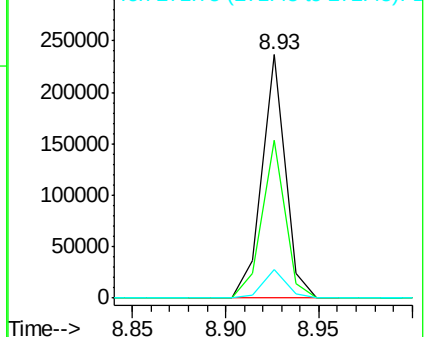
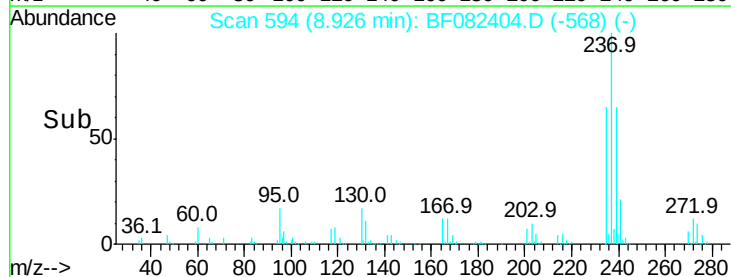
272 11.9 0.0 32.8

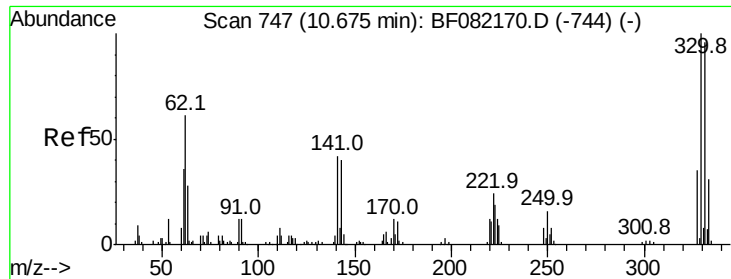


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 121.26 ng

RT: 10.62 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MS

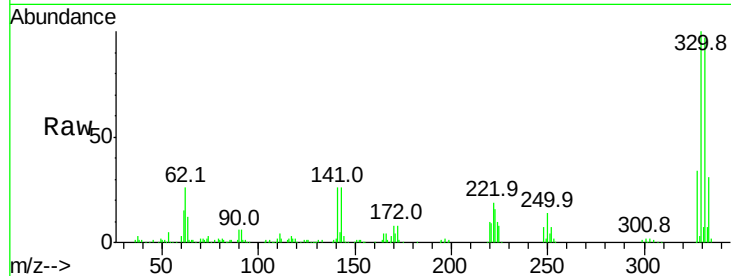
Tot Ion:330 Resp: 243608

Ion Ratio Lower Upper

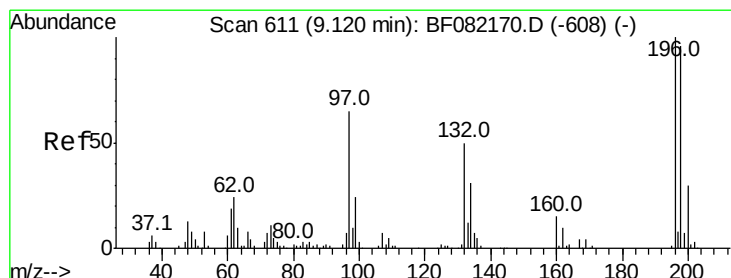
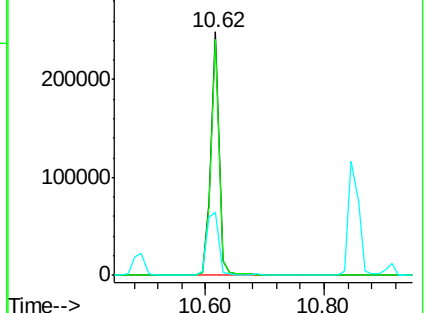
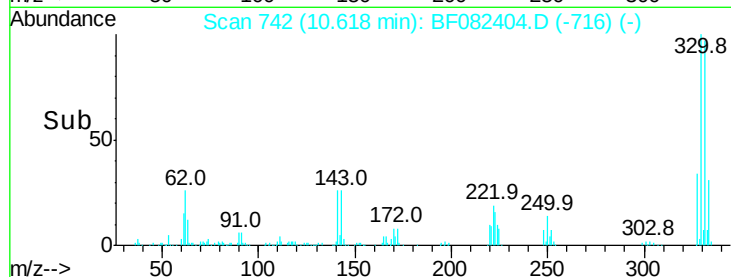
330 100

332 96.1 77.1 115.7

141 38.1 29.8 44.8



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: 44.25 ng

RT: 9.06 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

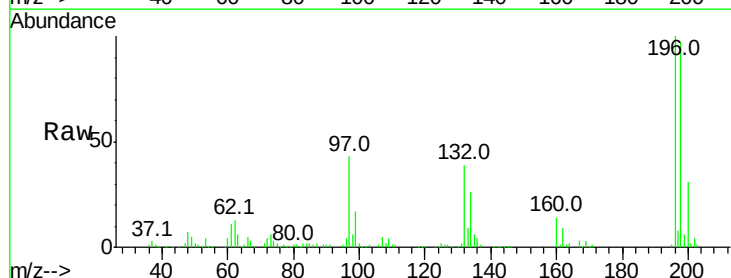
Tgt Ion:196 Resp: 187264

Ion Ratio Lower Upper

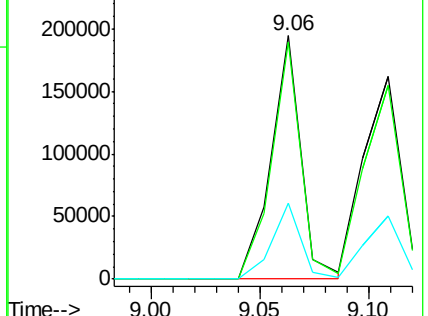
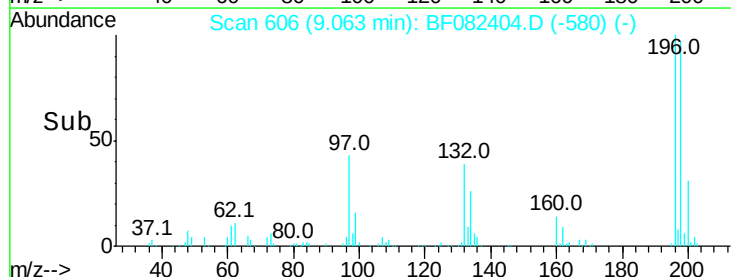
196 100

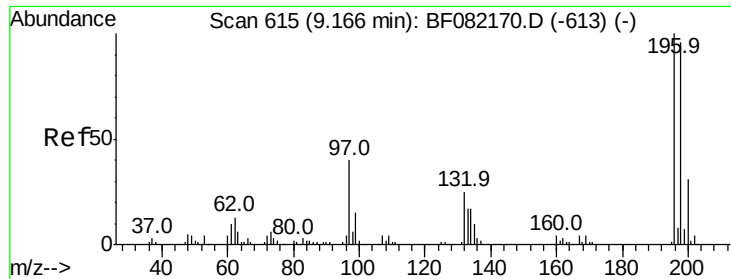
198 97.4 76.6 115.0

200 31.1 23.7 35.5



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

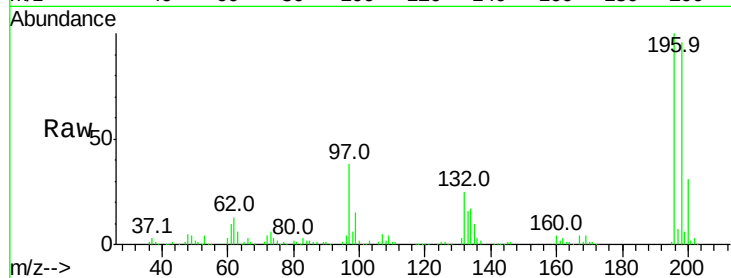




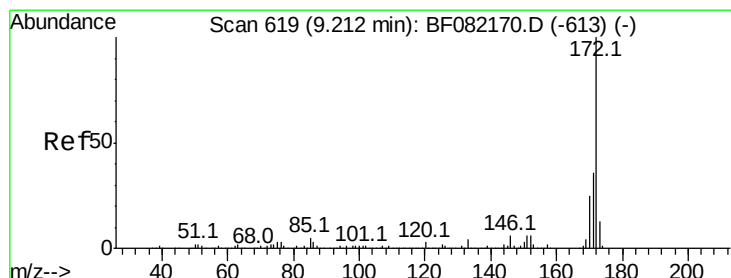
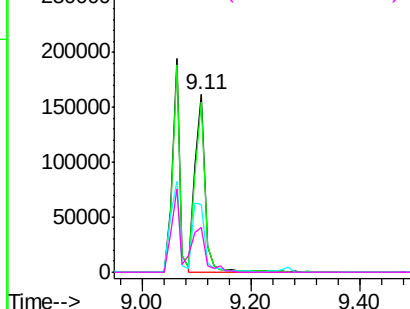
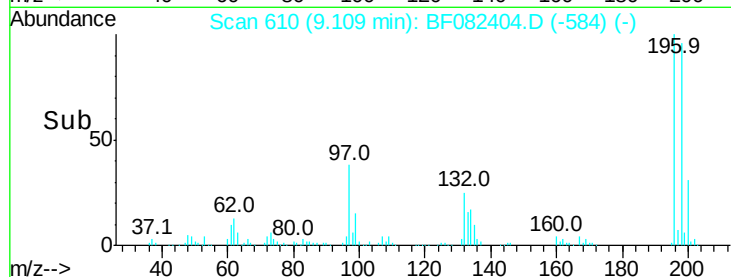
#43
 2,4,5-Trichlorophenol
 Concen: 45.20 ng
 RT: 9.11 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF082404.D
 Acq: 21 Oct 2015 15:11

Instrument :
 BNA_F
 ClientSampleId :
 20151013MGP208BRV68MS

Tot Ion:	196	Resp:	207201
Ion	Ratio	Lower	Upper
196	100		
198	95.8	77.0	115.4
97	38.0	31.9	47.9
132	25.3	20.3	30.5

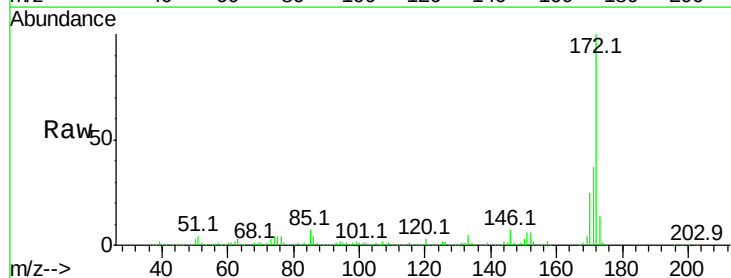


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

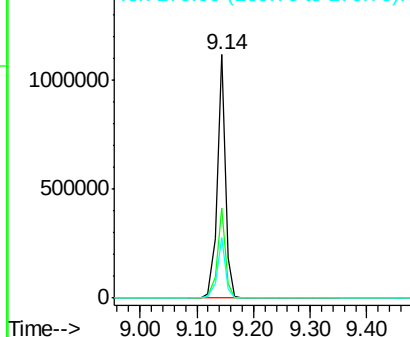
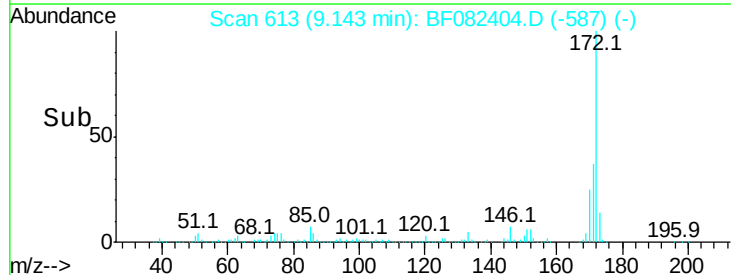


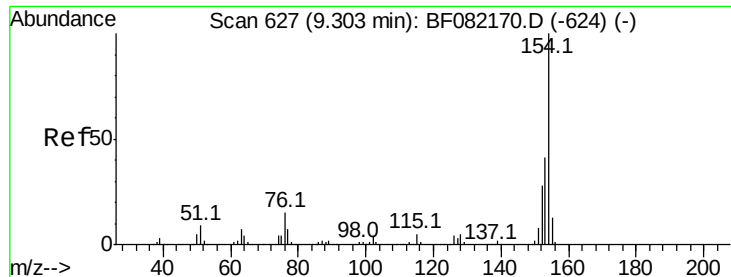
#44
 2-Fluorobiphenyl
 Concen: 86.43 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082404.D
 Acq: 21 Oct 2015 15:11

Tgt Ion:	172	Resp:	1116407
Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.6	42.8
170	25.0	19.7	29.5



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: 46.50 ng

RT: 9.25 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MS

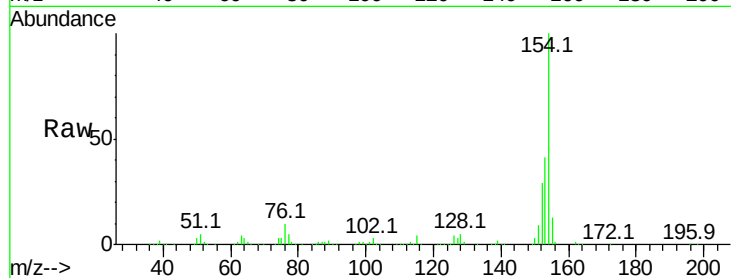
Tot Ion:154 Resp: 759616

Ion Ratio Lower Upper

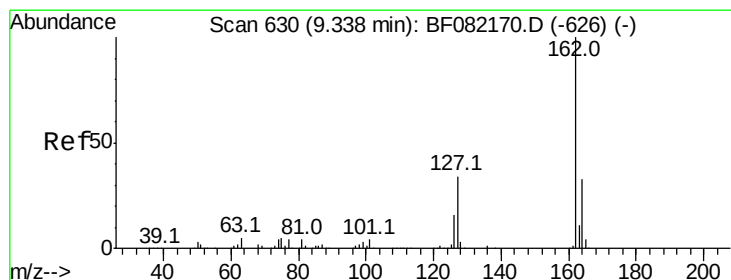
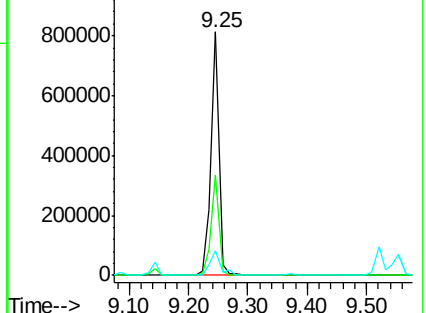
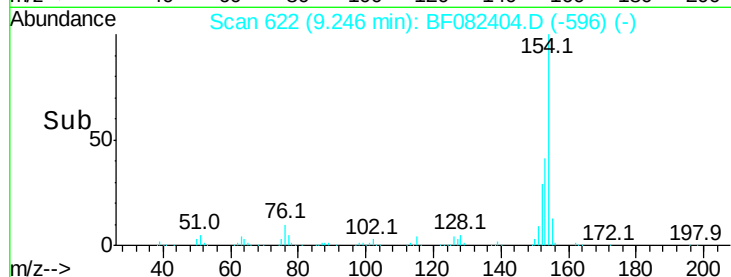
154 100

153 41.3 20.6 60.6

76 10.2 0.0 35.2



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: 45.26 ng

RT: 9.27 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

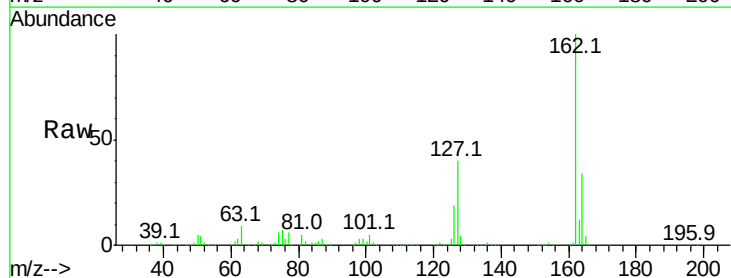
Tgt Ion:162 Resp: 581966

Ion Ratio Lower Upper

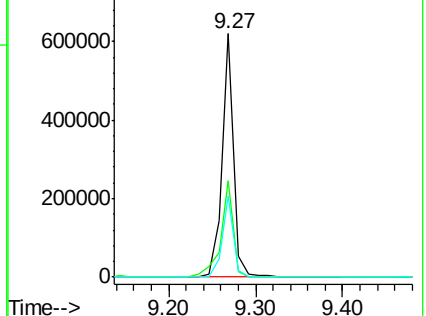
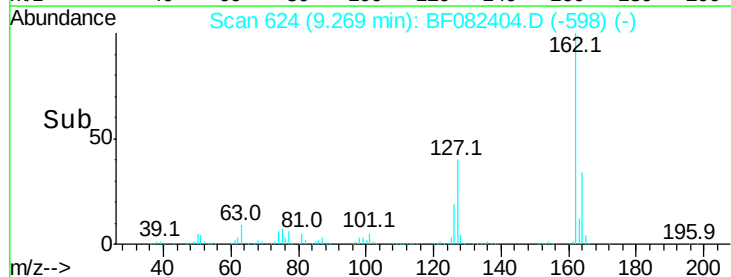
162 100

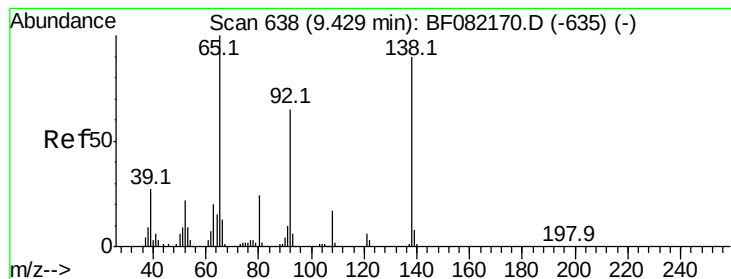
127 39.9 27.5 41.3

164 33.5 26.6 39.8



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: 47.88 ng

RT: 9.37 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MS

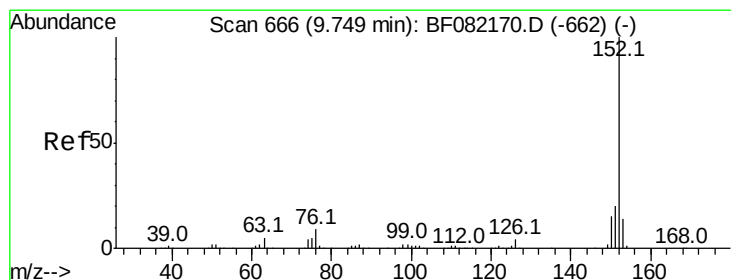
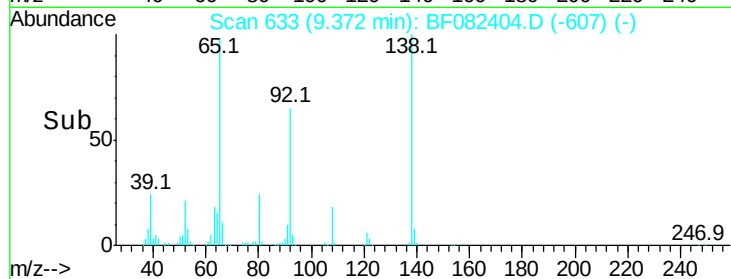
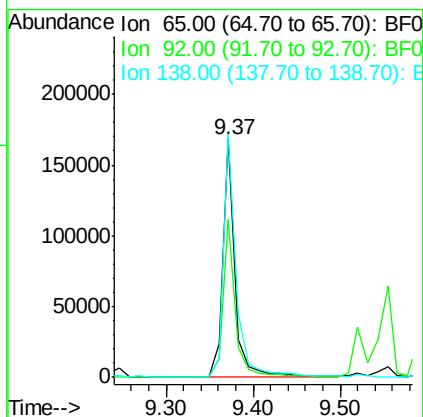
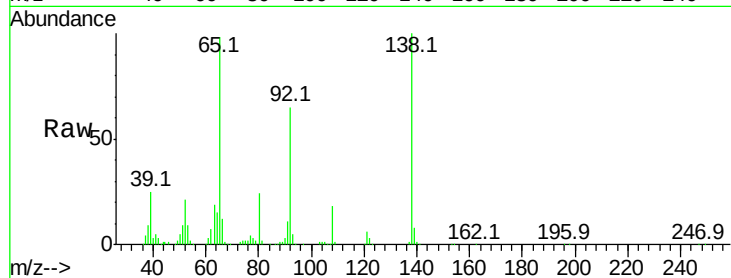
Tot Ion: 65 Resp: 169039

Ion Ratio Lower Upper

65 100

92 66.5 52.3 78.5

138 102.2 72.2 108.4



#48

Acenaphthylene

Concen: 41.72 ng

RT: 9.68 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

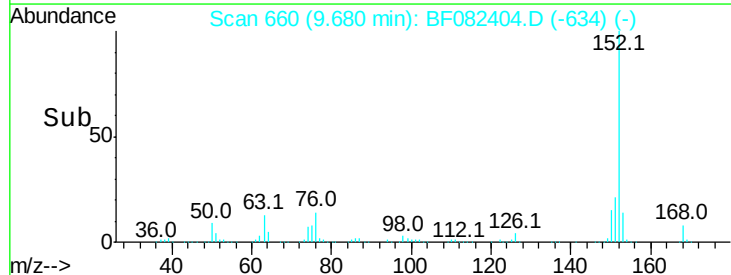
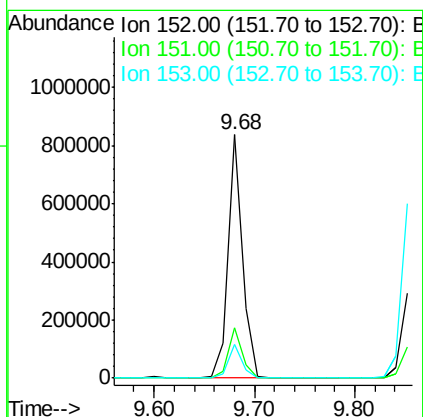
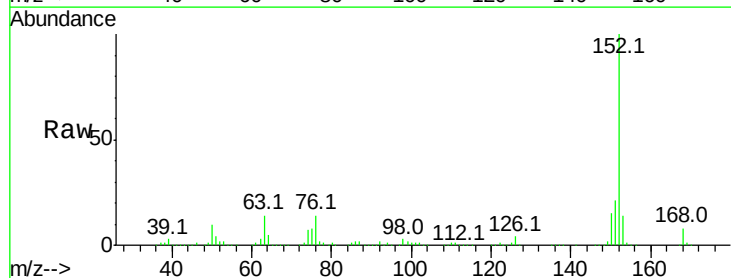
Tgt Ion: 152 Resp: 835820

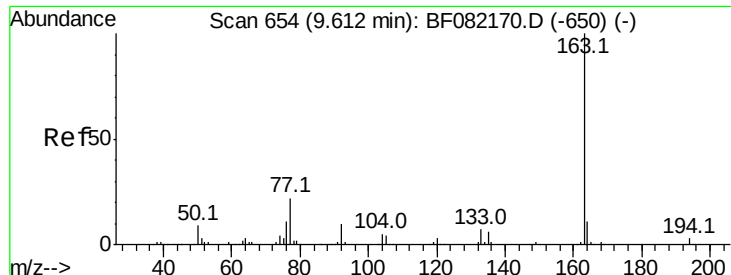
Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

153 13.8 10.8 16.2





#49

Dimethylphthalate

Concen: 49.62 ng

RT: 9.55 min Scan# 649

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MS

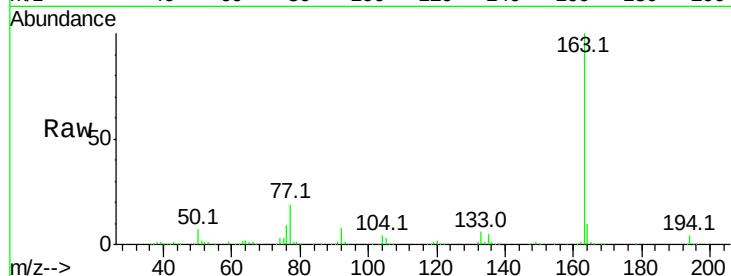
Tot Ion:163 Resp: 748428

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

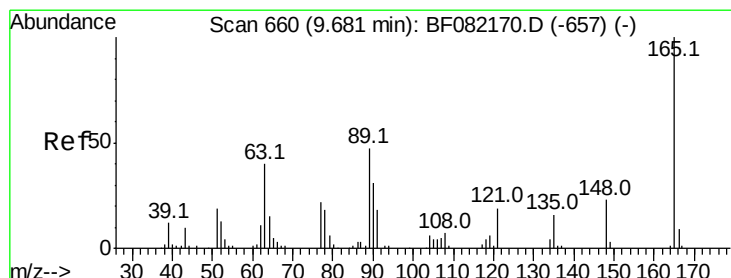
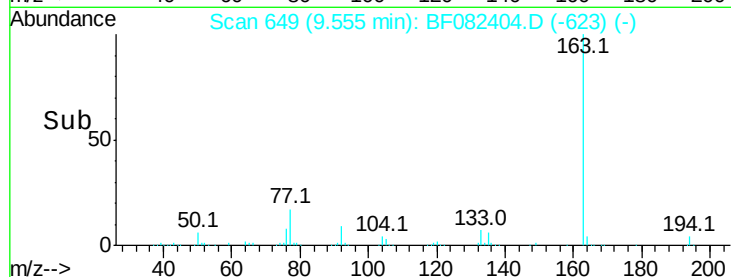
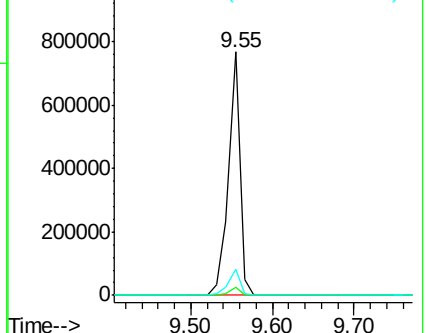
164 10.4 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 48.60 ng

RT: 9.62 min Scan# 655

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

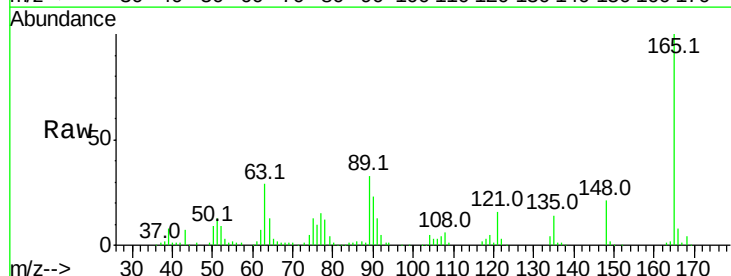
Tgt Ion:165 Resp: 154701

Ion Ratio Lower Upper

165 100

63 28.8 36.7 55.1#

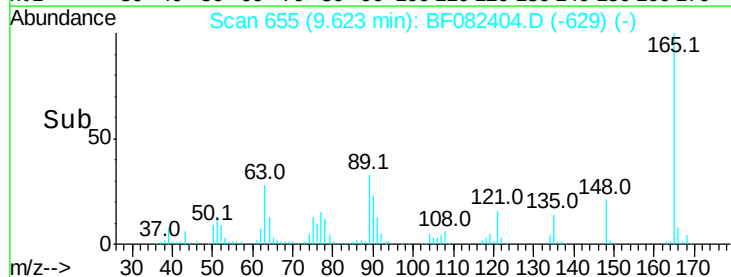
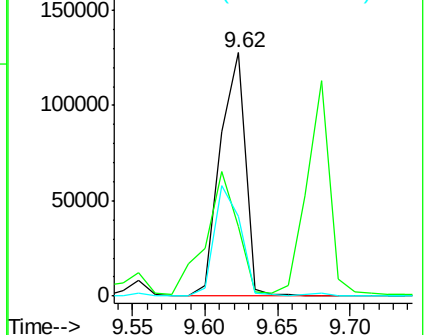
89 32.9 37.8 56.6#

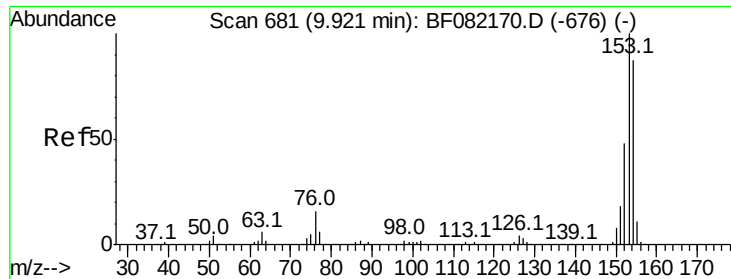


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.58 ng

RT: 9.85 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MS

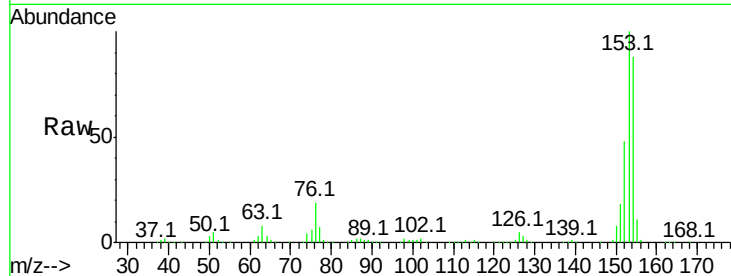
Tot Ion:154 Resp: 500014

Ion Ratio Lower Upper

154 100

153 114.0 91.4 137.2

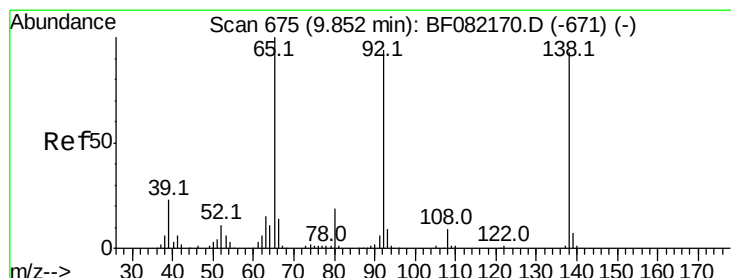
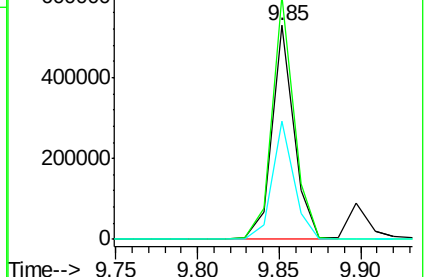
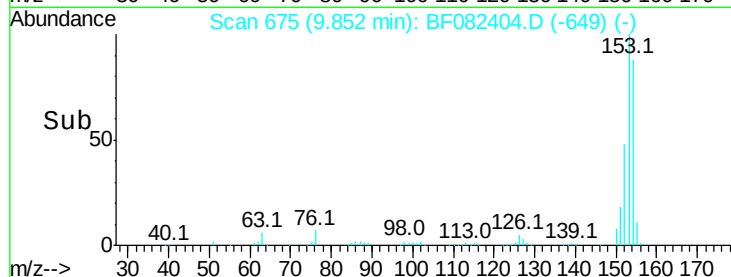
152 55.0 44.3 66.5



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: 14.54 ng

RT: 9.78 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

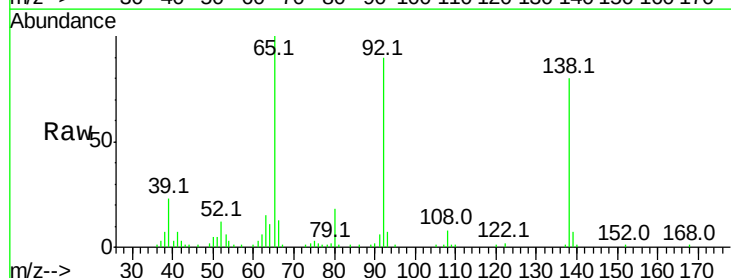
Tgt Ion:138 Resp: 52291

Ion Ratio Lower Upper

138 100

108 10.2 7.4 11.0

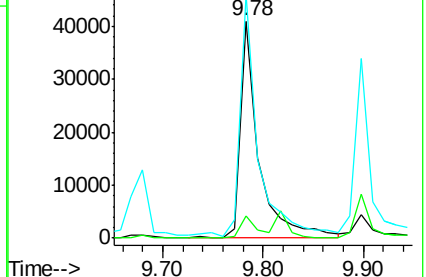
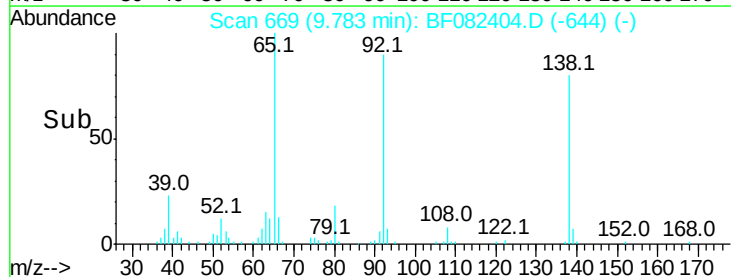
92 112.2 81.3 121.9

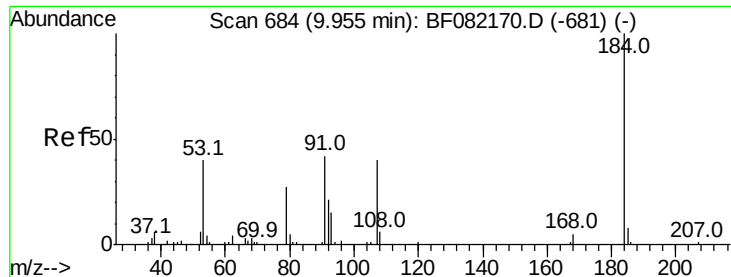


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

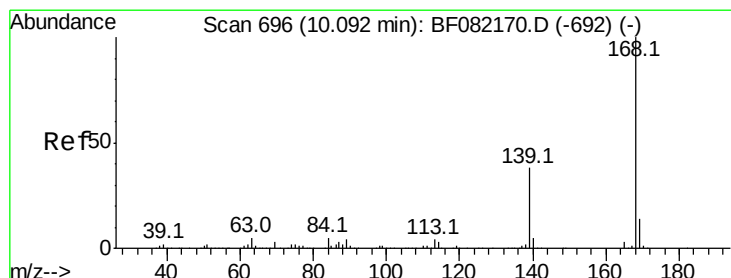
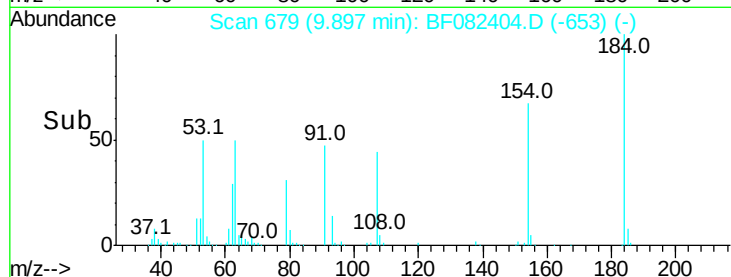
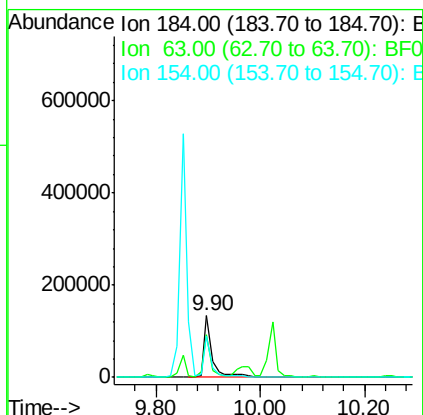
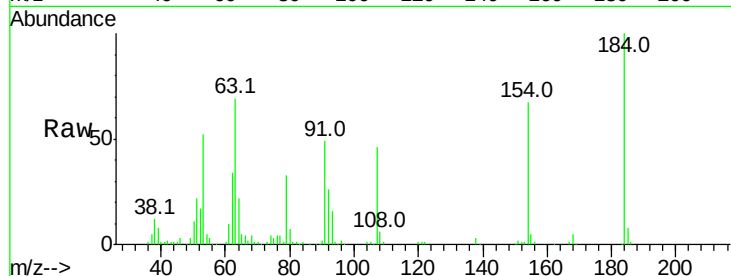




#53
 2,4-Dinitrophenol
 Concen: 86.69 ng
 RT: 9.90 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF082404.D
 Acq: 21 Oct 2015 15:11

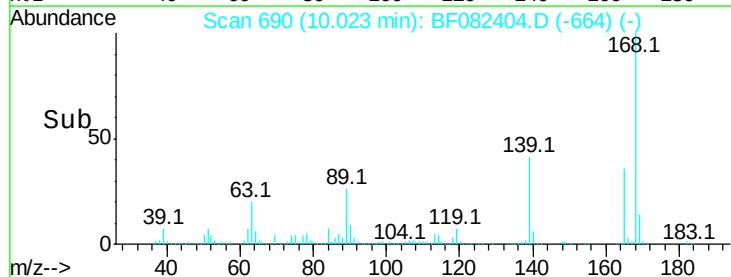
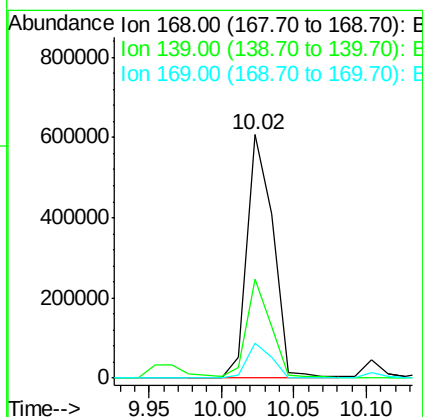
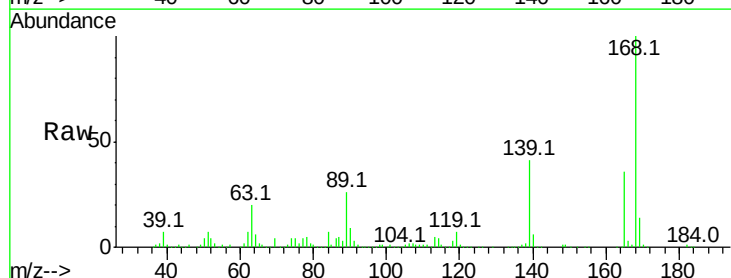
Instrument :
 BNA_F
 ClientSampleId :
 20151013MGP208BRV68MS

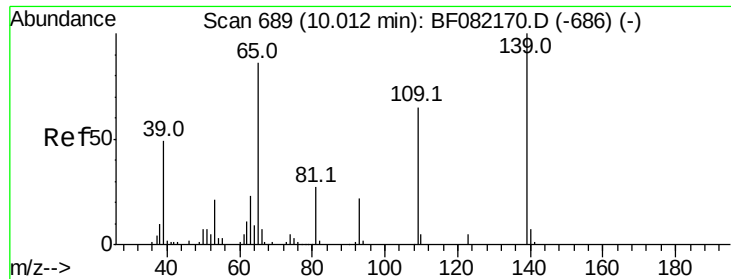
Tot Ion:184 Resp: 155211
 Ion Ratio Lower Upper
 184 100
 63 68.9 45.1 67.7#
 154 67.5 51.2 76.8



#54
 Dibenzofuran
 Concen: 45.53 ng
 RT: 10.02 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF082404.D
 Acq: 21 Oct 2015 15:11

Tgt Ion:168 Resp: 751697
 Ion Ratio Lower Upper
 168 100
 139 40.8 31.0 46.6
 169 14.2 10.9 16.3

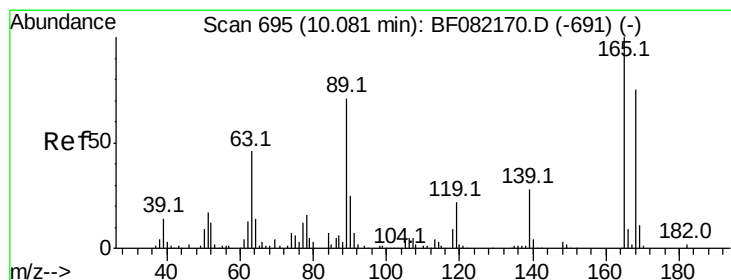
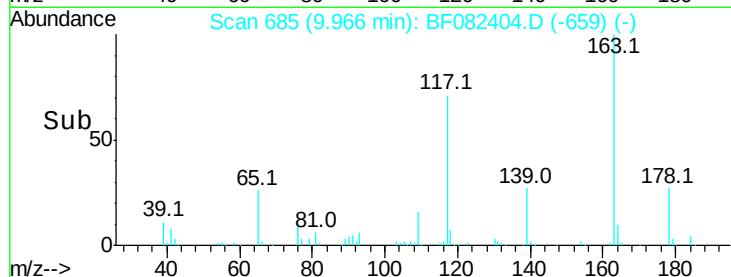
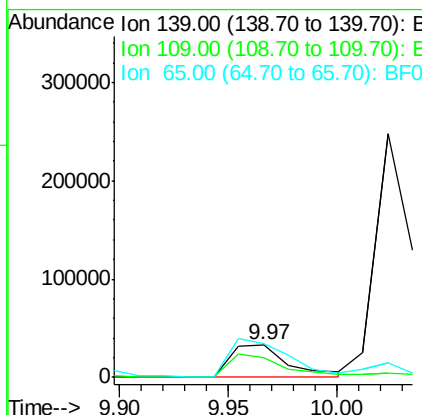
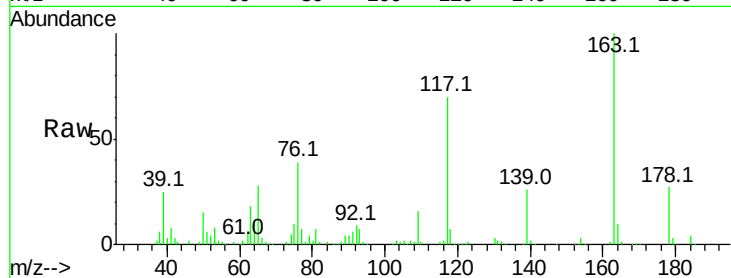




#55
4-Nitrophenol
Concen: 32.09 ng
RT: 9.97 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

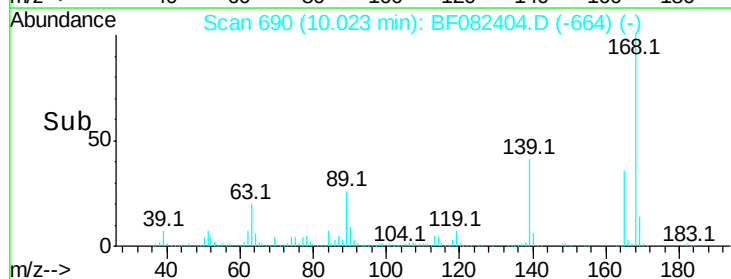
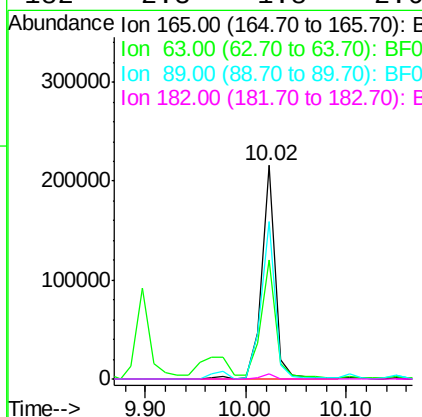
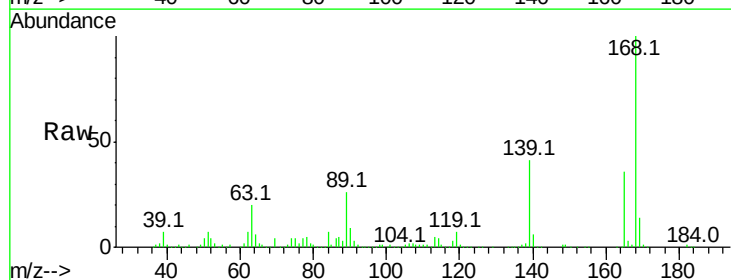
Instrument :
BNA_F
ClientSampleId :
20151013MGP208BRV68MS

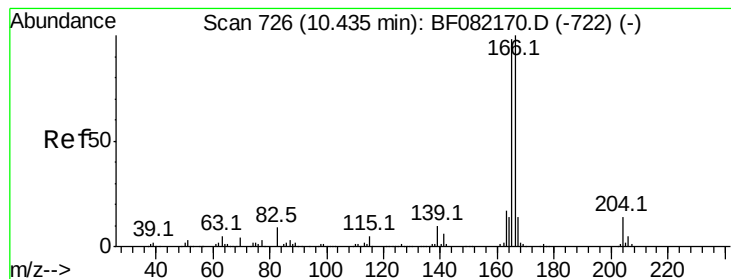
Tot Ion:139 Resp: 61215
Ion Ratio Lower Upper
139 100
109 61.4 44.8 84.8
65 105.9 67.7 107.7



#56
2,4-Dinitrotoluene
Concen: 51.18 ng
RT: 10.02 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:165 Resp: 203604
Ion Ratio Lower Upper
165 100
63 55.8 38.6 58.0
89 73.7 57.0 85.6
182 2.3 1.8 2.6





#57

Fluorene

Concen: 44.45 ng

RT: 10.37 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MS

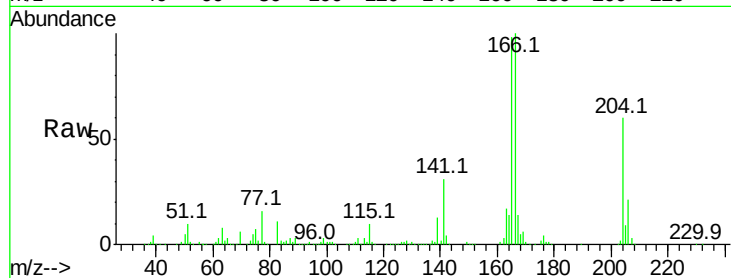
Tot Ion:166 Resp: 602733

Ion Ratio Lower Upper

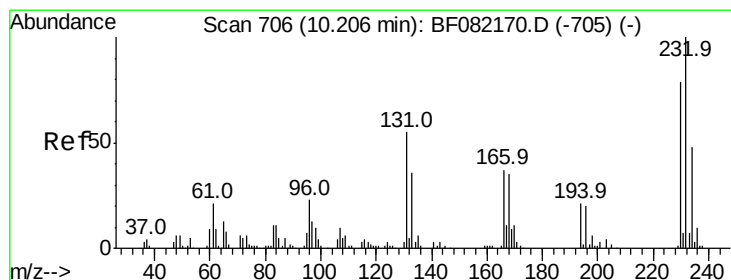
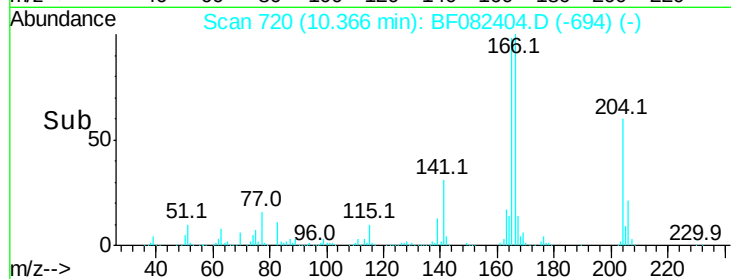
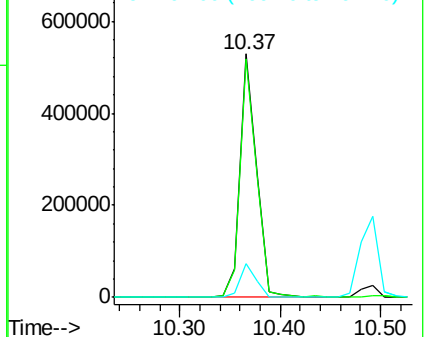
166 100

165 97.8 78.3 117.5

167 13.9 10.8 16.2



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: 45.72 ng

RT: 10.15 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

Tgt Ion:232 Resp: 171260

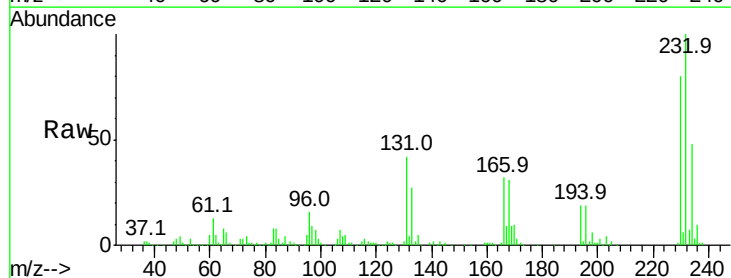
Ion Ratio Lower Upper

232 100

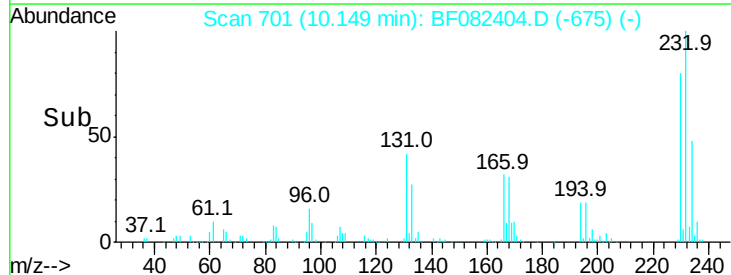
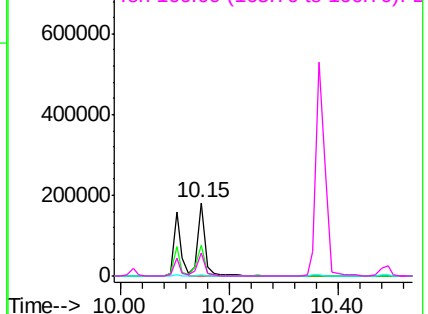
131 44.1 36.6 54.8

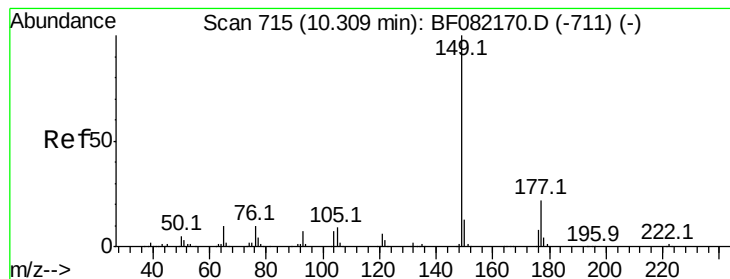
130 2.1 1.5 2.3

166 30.5 24.6 37.0



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: 52.07 ng

RT: 10.25 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MS

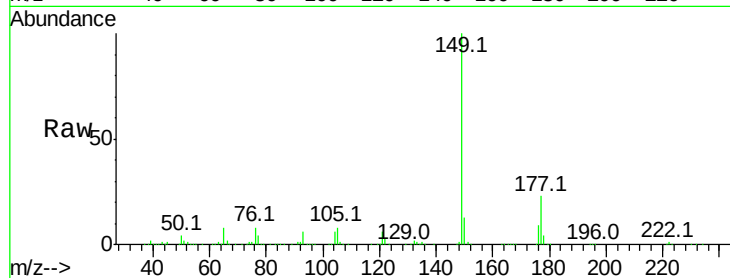
Tot Ion:149 Resp: 732198

Ion Ratio Lower Upper

149 100

177 23.2 17.6 26.4

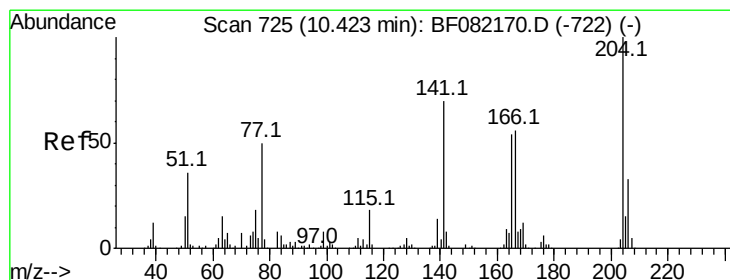
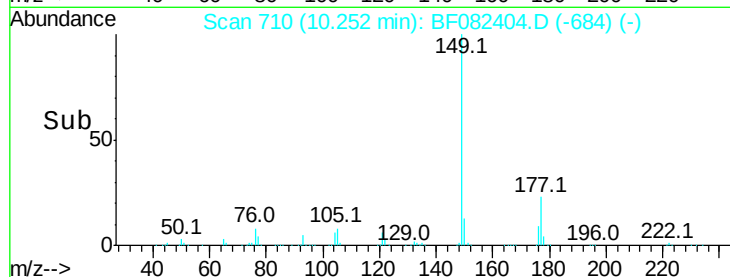
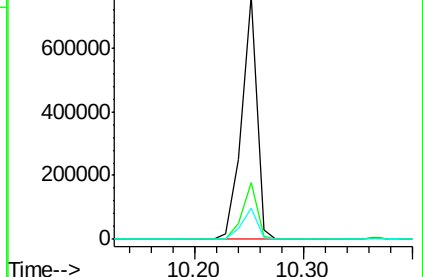
150 13.0 10.3 15.5



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: 50.85 ng

RT: 10.37 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

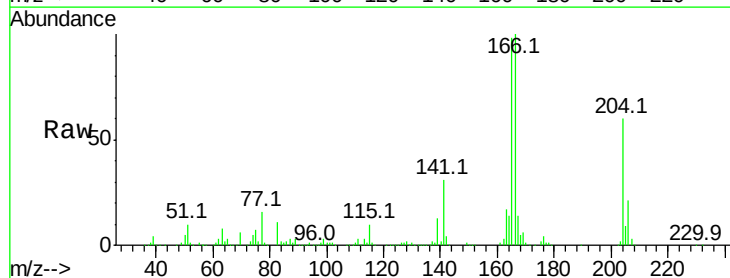
Tgt Ion:204 Resp: 315876

Ion Ratio Lower Upper

204 100

206 34.5 26.8 40.2

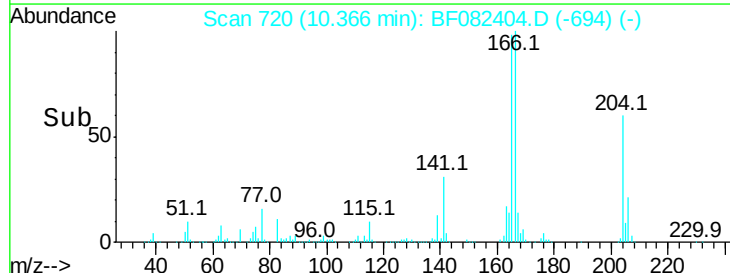
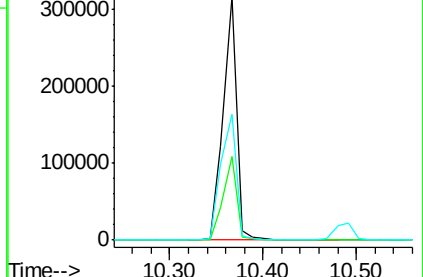
141 51.5 56.1 84.1#

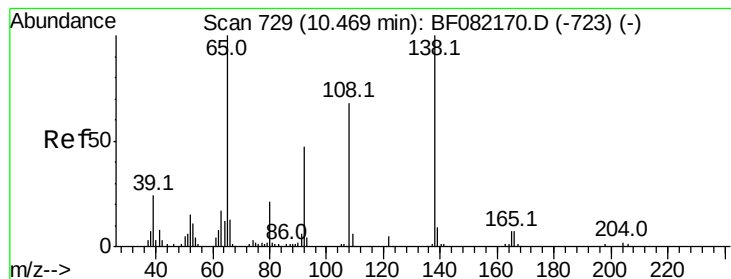


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.73 ng

RT: 10.41 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MS

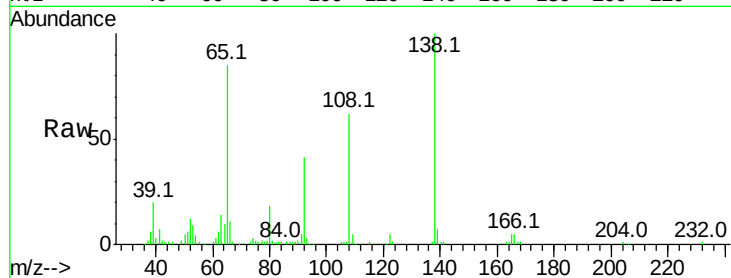
Tot Ion:138 Resp: 145509

Ion Ratio Lower Upper

138 100

92 41.1 26.8 66.8

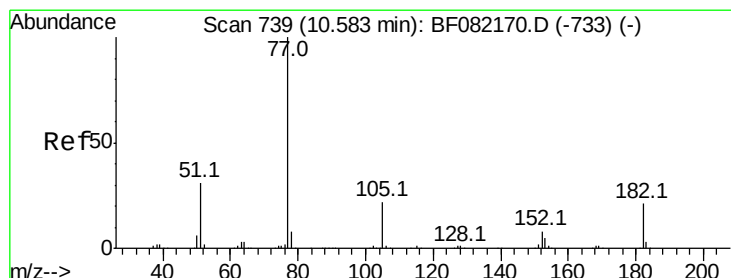
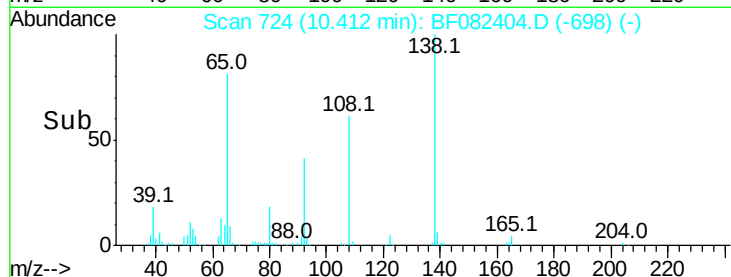
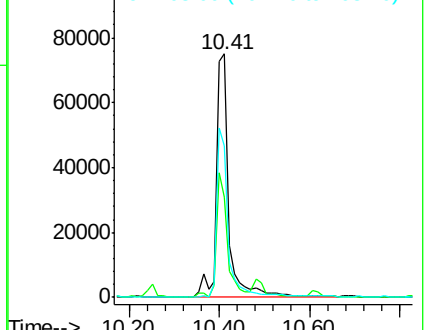
108 62.2 48.4 88.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 50.33 ng

RT: 10.53 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

Tgt Ion: 77 Resp: 692615

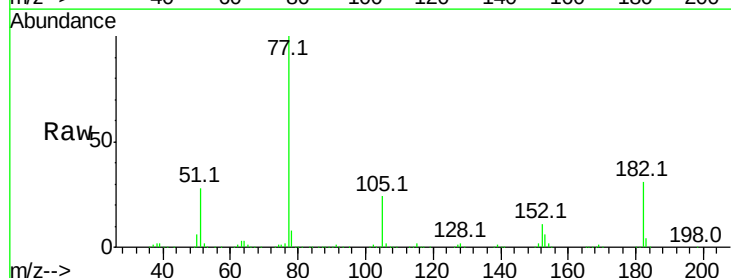
Ion Ratio Lower Upper

77 100

182 30.6 0.5 40.5

105 24.5 1.8 41.8

51 28.3 11.2 51.2

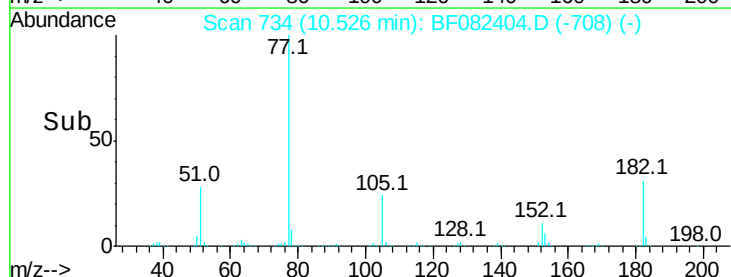
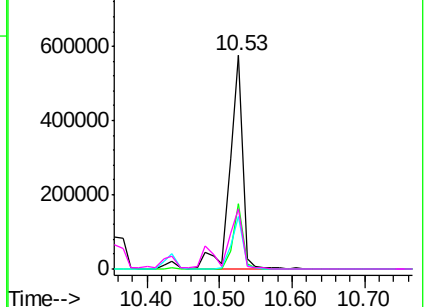


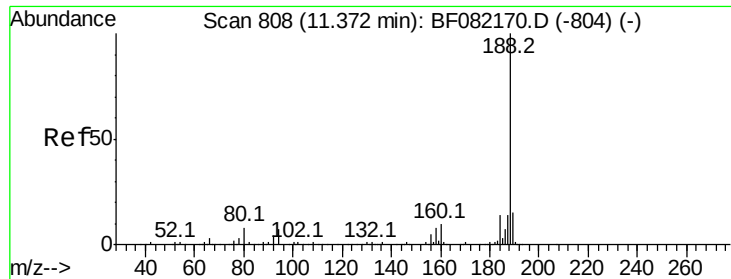
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.30 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MS

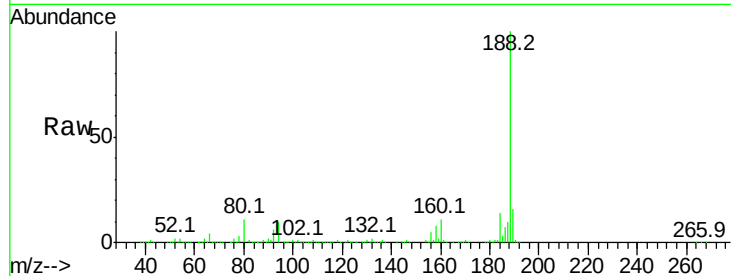
Tot Ion:188 Resp: 400666

Ion Ratio Lower Upper

188 100

94 9.6 5.8 8.6#

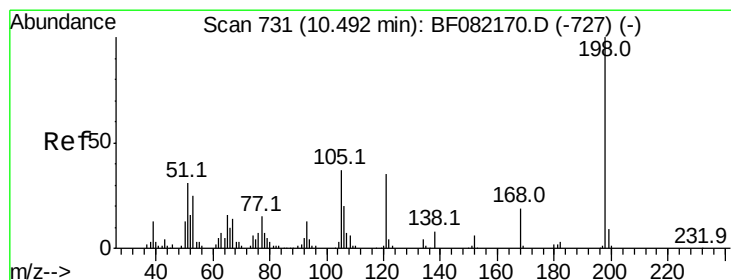
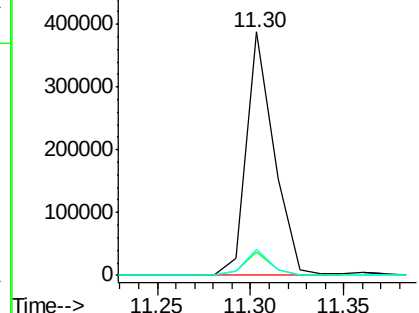
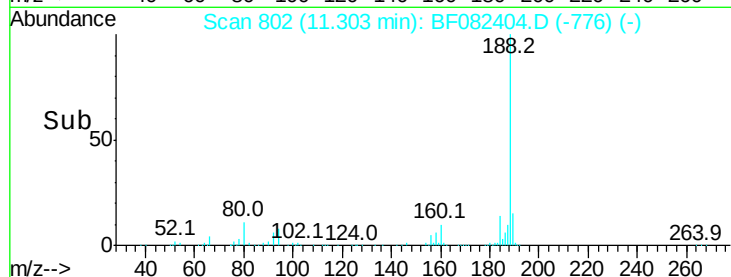
80 10.7 6.4 9.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 50.54 ng

RT: 10.43 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

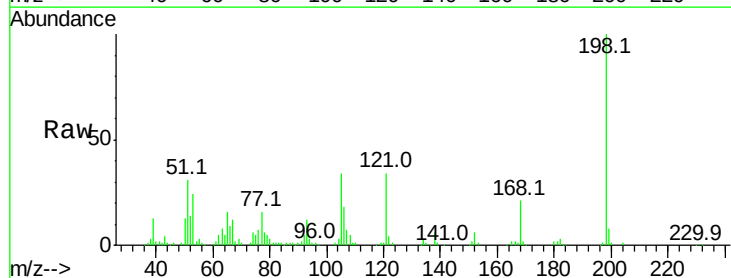
Tgt Ion:198 Resp: 113637

Ion Ratio Lower Upper

198 100

51 30.7 13.6 53.6

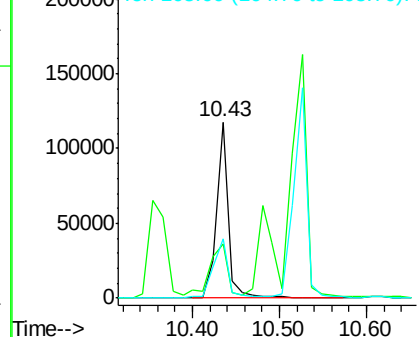
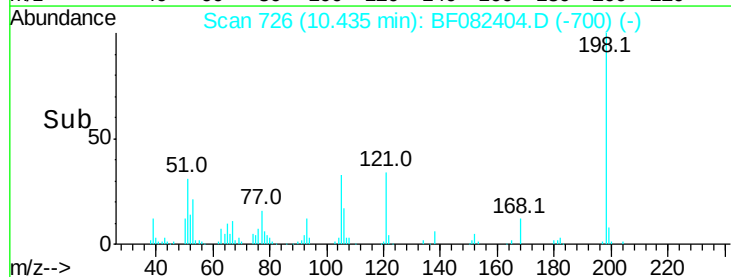
105 34.0 17.1 57.1

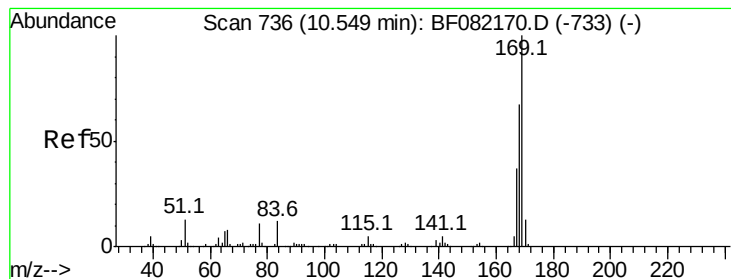


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 49.40 ng

RT: 10.49 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MS

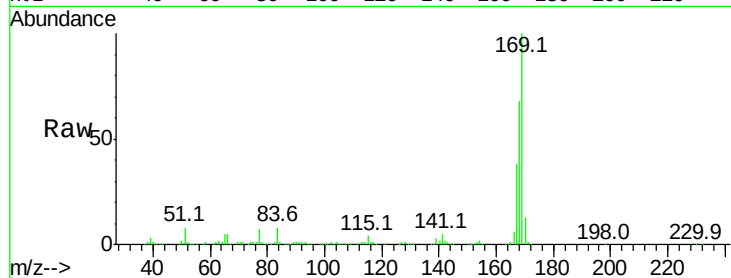
Tot Ion:169 Resp: 592609

Ion Ratio Lower Upper

169 100

168 68.2 54.0 81.0

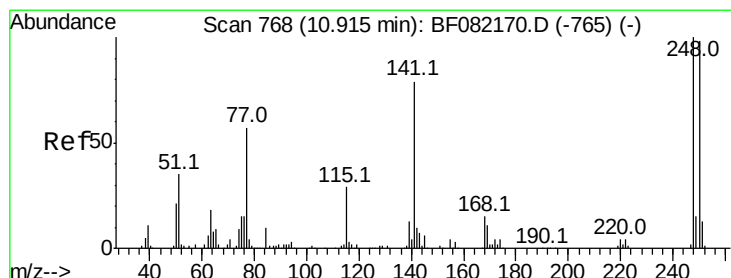
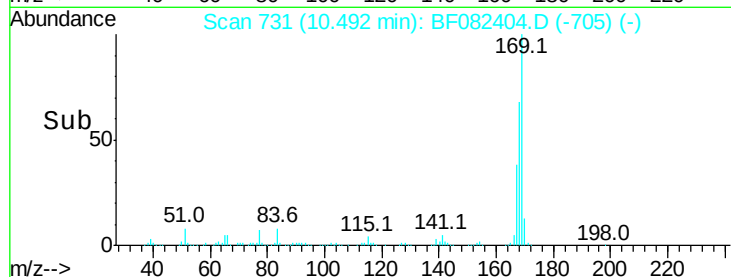
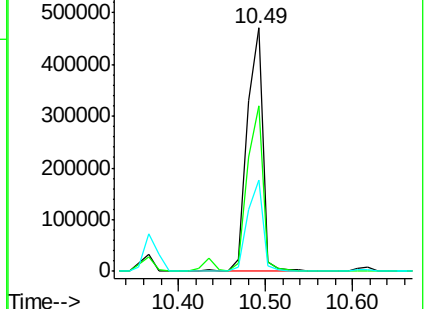
167 37.7 29.6 44.4



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: 47.63 ng

RT: 10.86 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

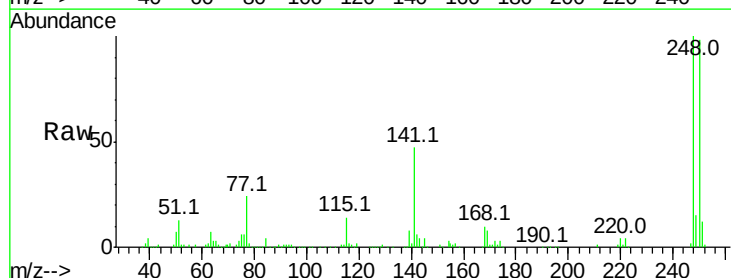
Tgt Ion:248 Resp: 190993

Ion Ratio Lower Upper

248 100

250 98.0 78.6 117.8

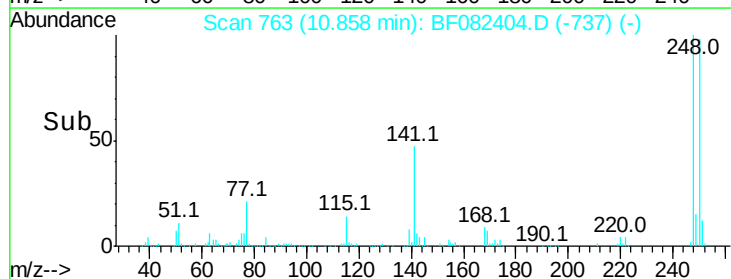
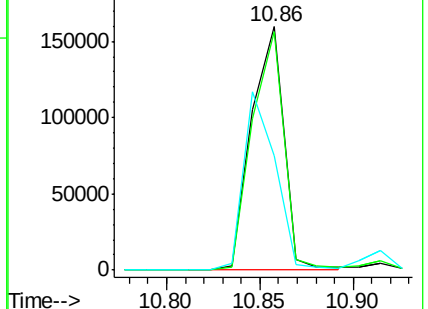
141 47.0 63.3 94.9#

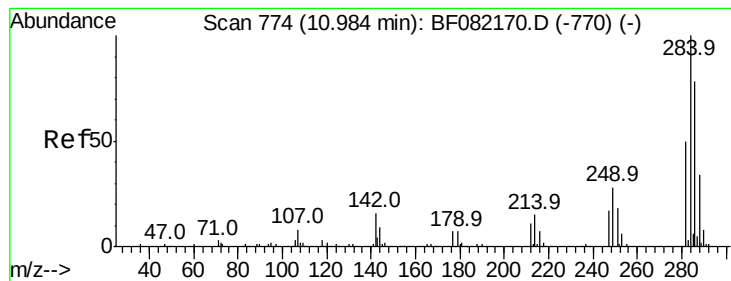


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 45.01 ng

RT: 10.91 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MS

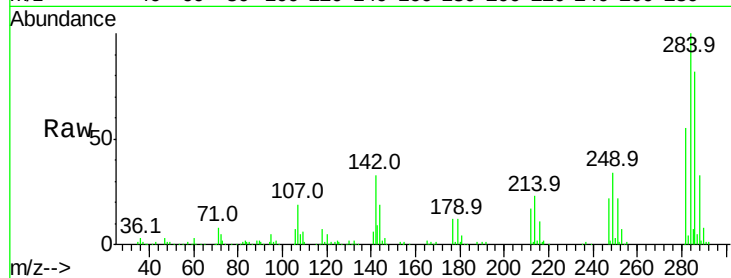
Tot Ion:284 Resp: 195185

Ion Ratio Lower Upper

284 100

142 33.4 13.0 19.6#

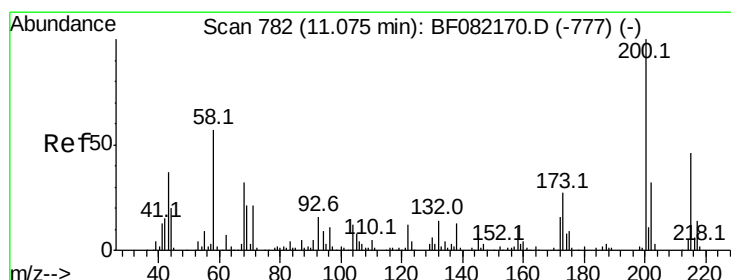
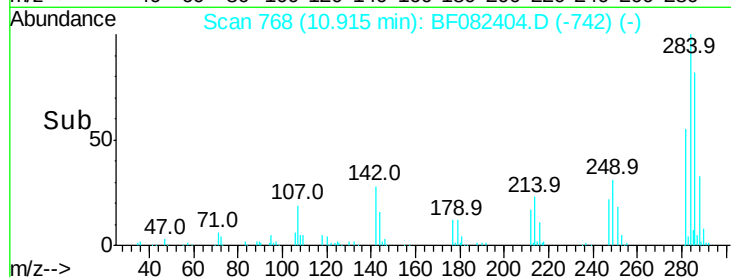
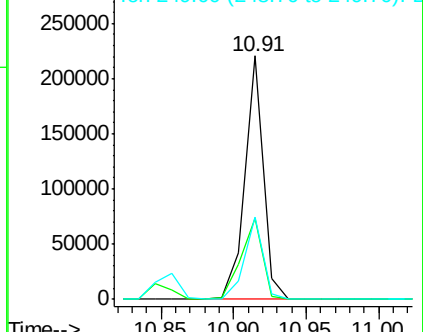
249 33.9 22.5 33.7#



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: 46.00 ng

RT: 11.02 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

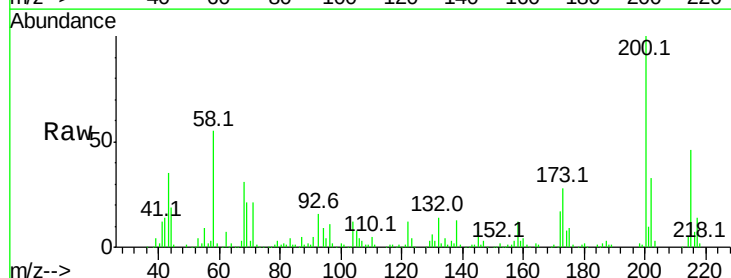
Tgt Ion:200 Resp: 174827

Ion Ratio Lower Upper

200 100

173 27.6 7.3 47.3

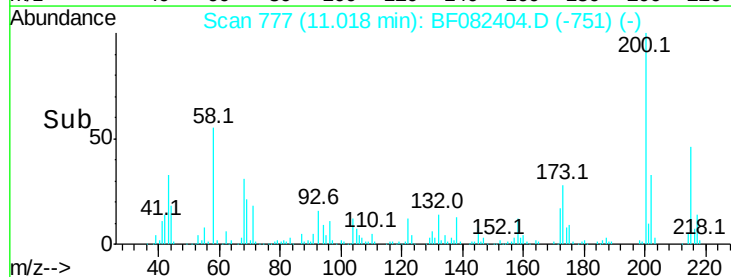
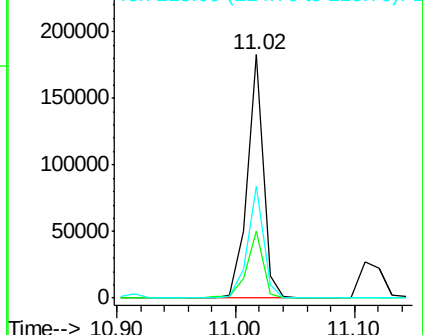
215 45.9 26.2 66.2

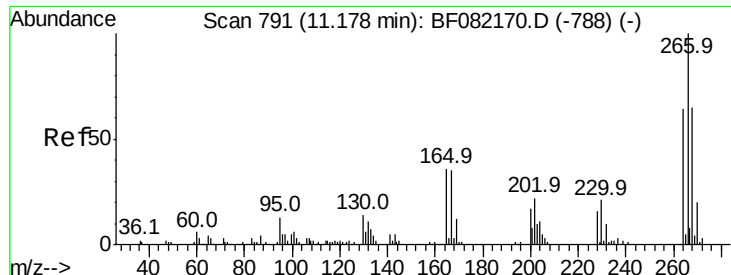


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

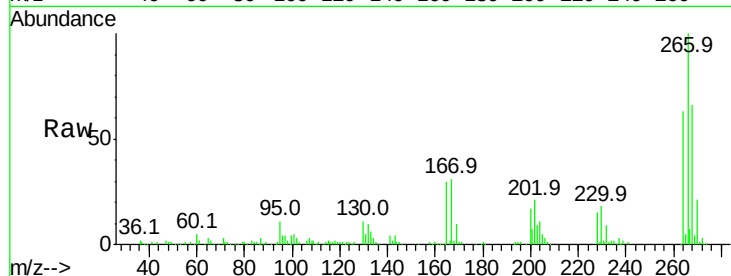




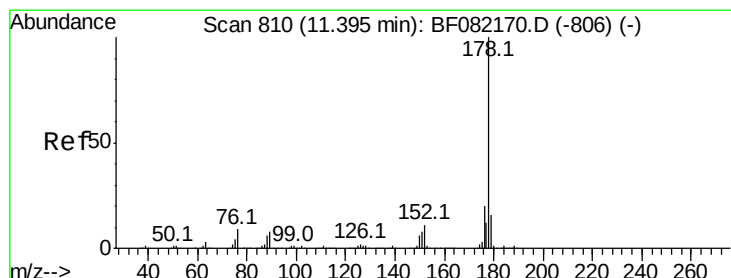
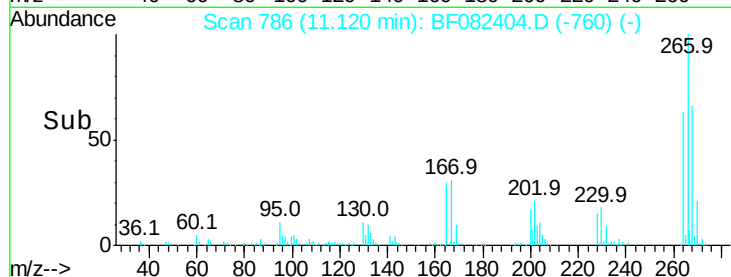
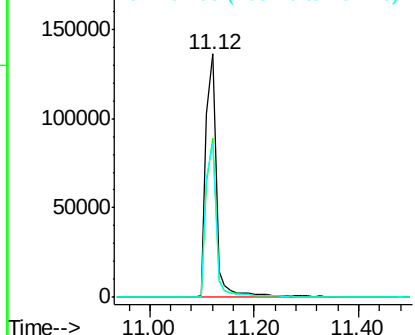
#69
 Pentachlorophenol
 Concen: 87.76 ng
 RT: 11.12 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF082404.D
 Acq: 21 Oct 2015 15:11

Instrument :
 BNA_F
 ClientSampleId :
 20151013MGP208BRV68MS

Tot Ion:266 Resp: 195828
 Ion Ratio Lower Upper
 266 100
 268 65.6 52.0 78.0
 264 63.4 51.4 77.0

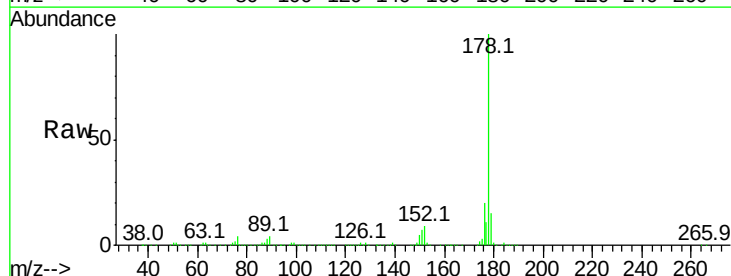


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

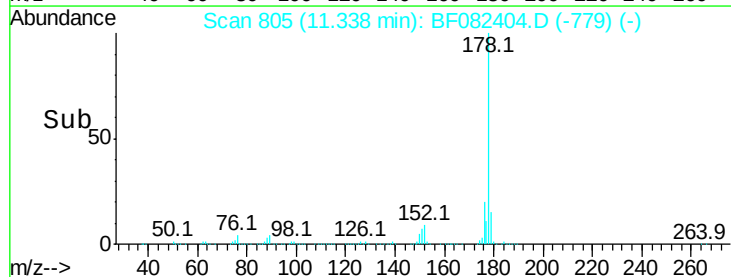
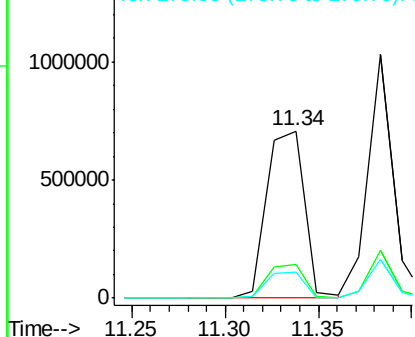


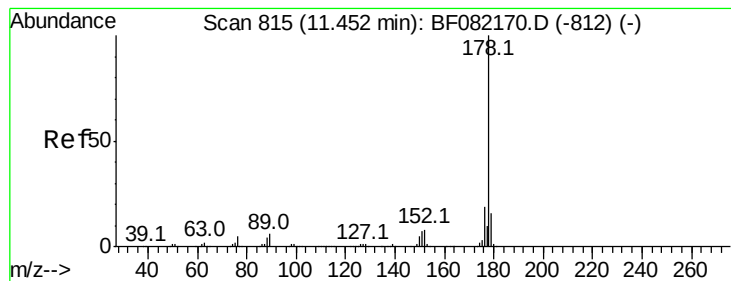
#70
 Phenanthrene
 Concen: 50.40 ng
 RT: 11.34 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF082404.D
 Acq: 21 Oct 2015 15:11

Tgt Ion:178 Resp: 989802
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.0 24.0
 179 15.4 12.6 19.0



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





#71

Anthracene

Concen: 48.50 ng

RT: 11.38 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MS

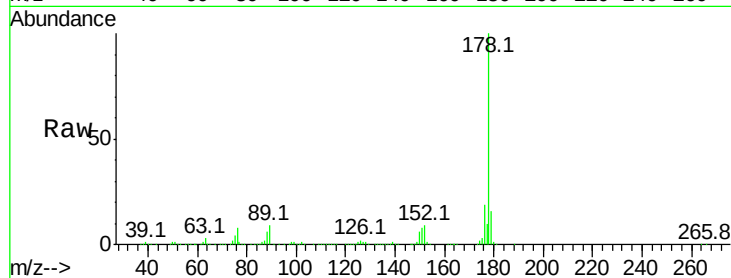
Tot Ion:178 Resp: 981497

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

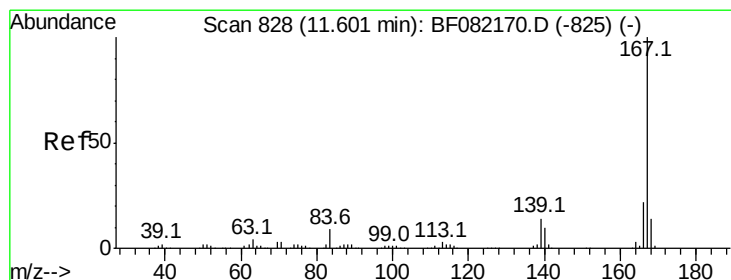
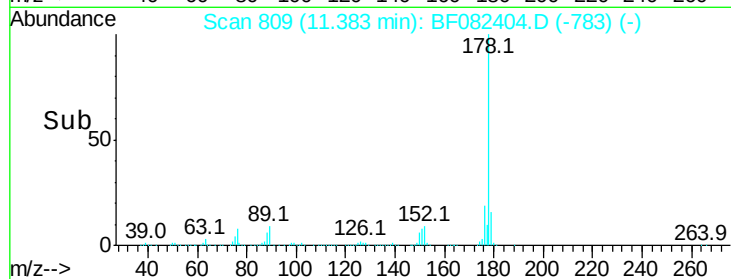
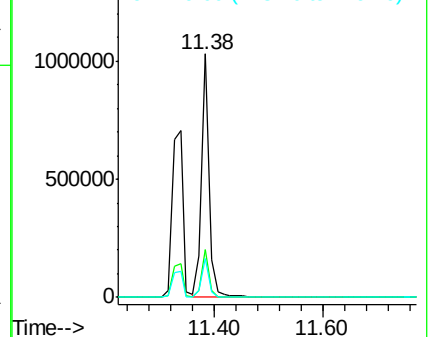
179 16.2 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 45.74 ng

RT: 11.54 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

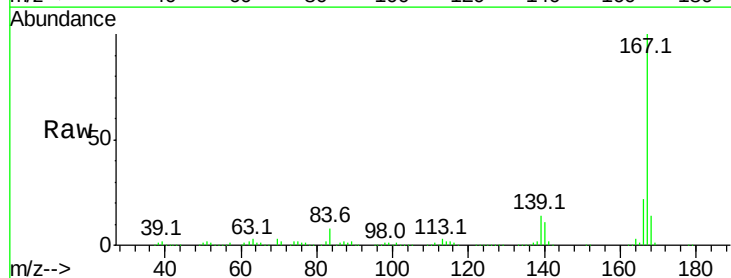
Tgt Ion:167 Resp: 844415

Ion Ratio Lower Upper

167 100

166 22.2 17.3 25.9

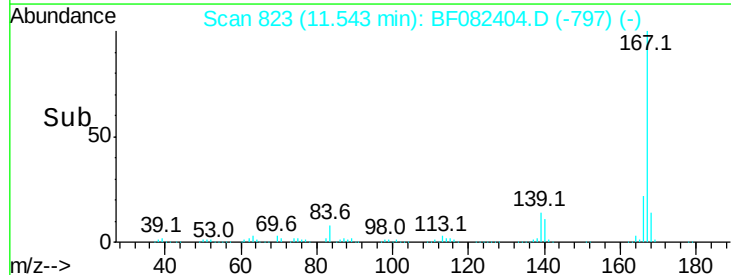
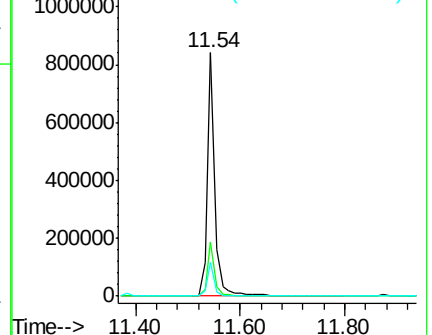
139 13.7 11.2 16.8

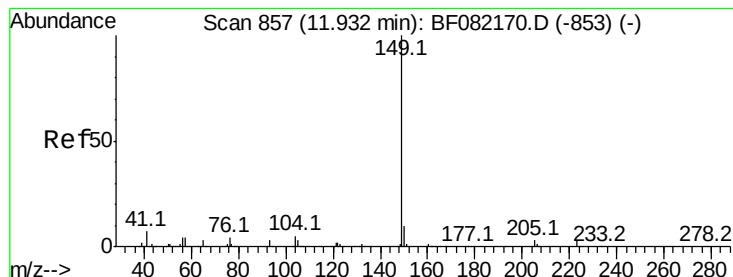


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 50.27 ng

RT: 11.87 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MS

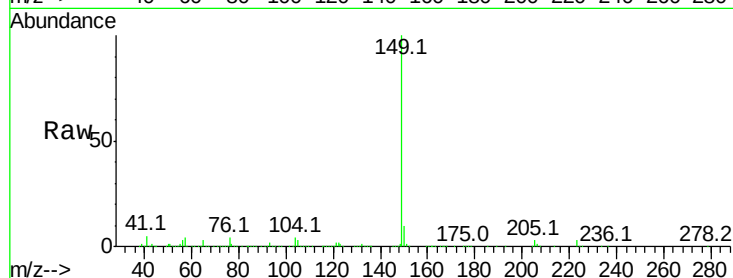
Tot Ion:149 Resp: 1144934

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

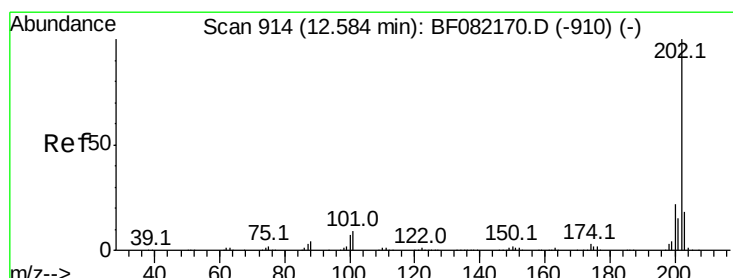
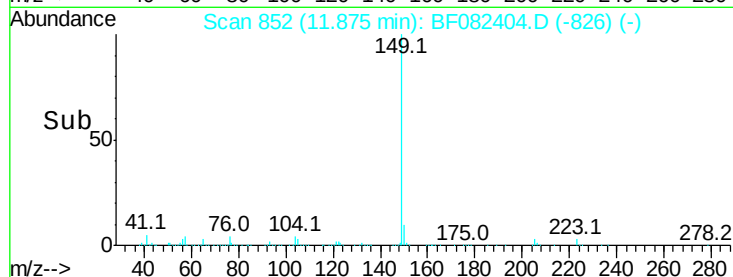
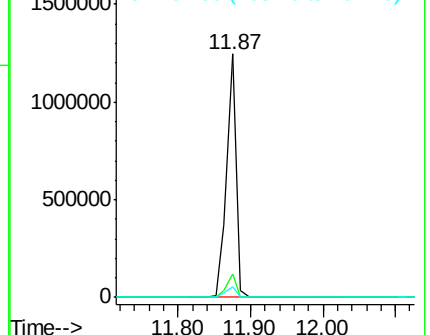
104 4.4 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 49.82 ng

RT: 12.53 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

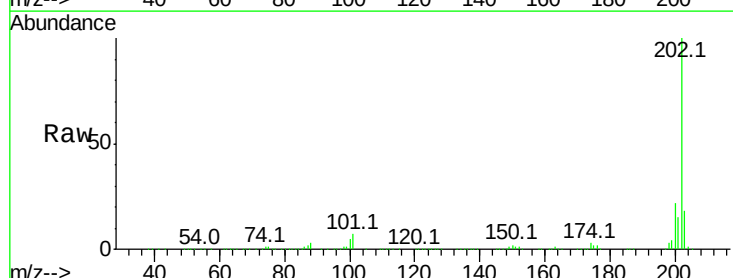
Tgt Ion:202 Resp: 1050763

Ion Ratio Lower Upper

202 100

101 6.6 0.0 29.3

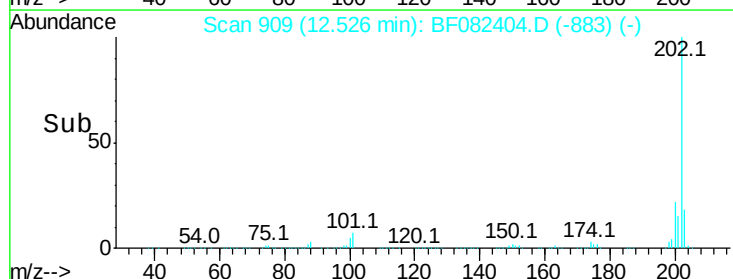
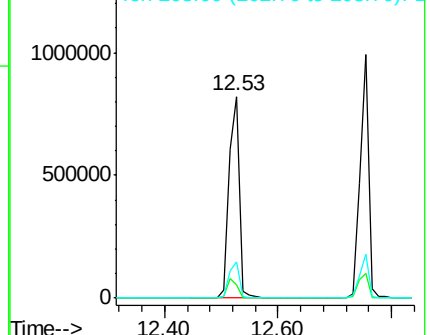
203 17.9 0.0 37.8

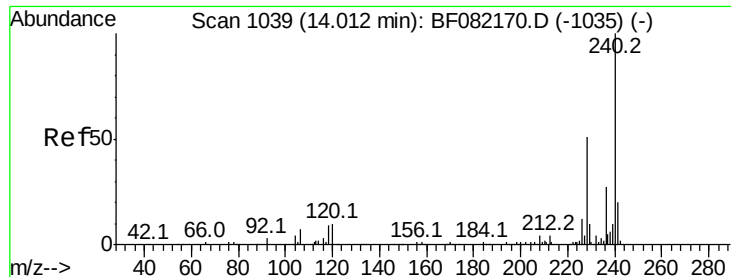


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MS

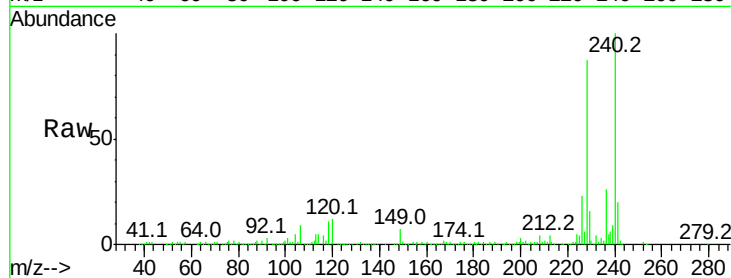
Tot Ion:240 Resp: 333749

Ion Ratio Lower Upper

240 100

120 12.4 8.1 12.1#

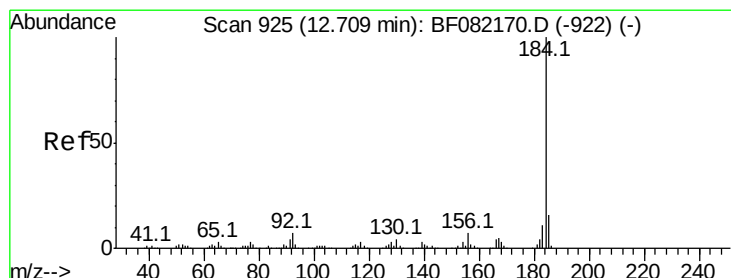
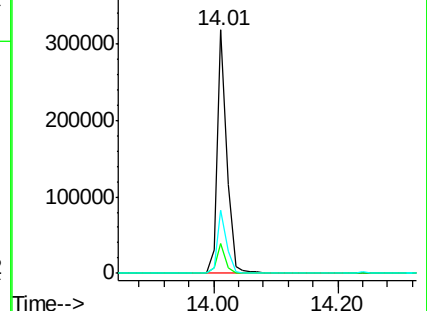
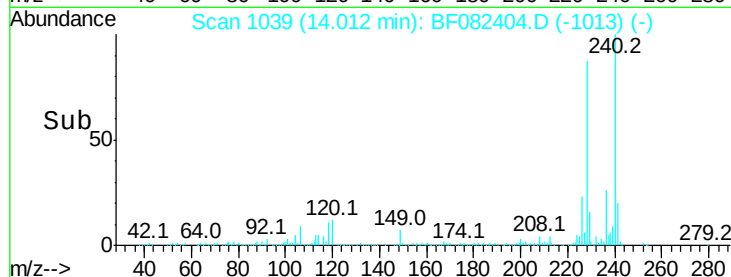
236 25.7 21.3 31.9



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: 23.38 ng

RT: 12.65 min Scan# 920

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

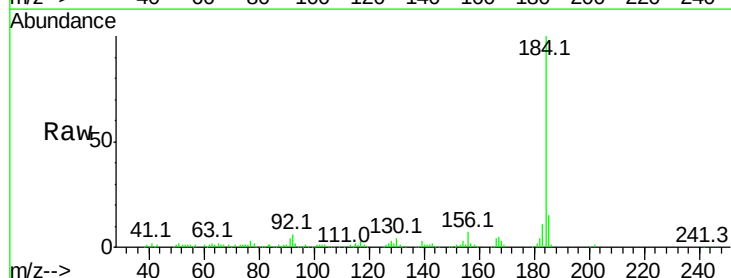
Tgt Ion:184 Resp: 226081

Ion Ratio Lower Upper

184 100

185 14.6 12.5 18.7

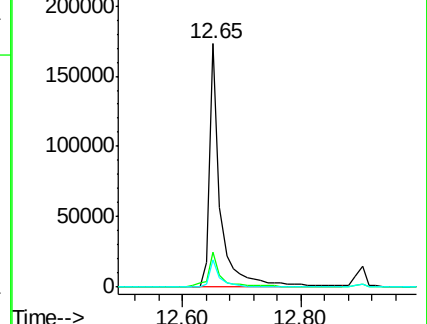
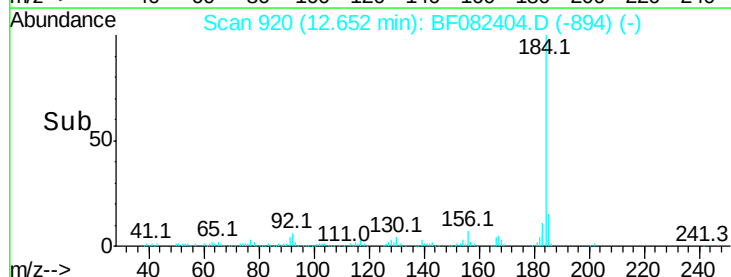
183 11.1 9.1 13.7

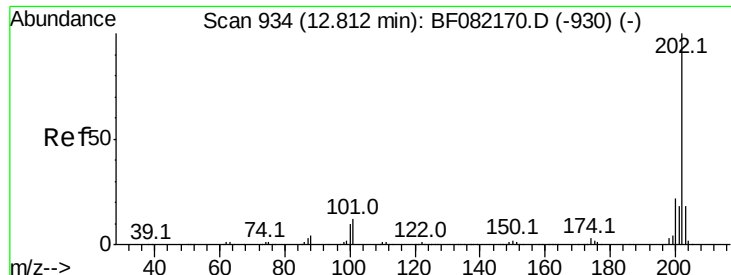


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 53.25 ng

RT: 12.75 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

Instrument :

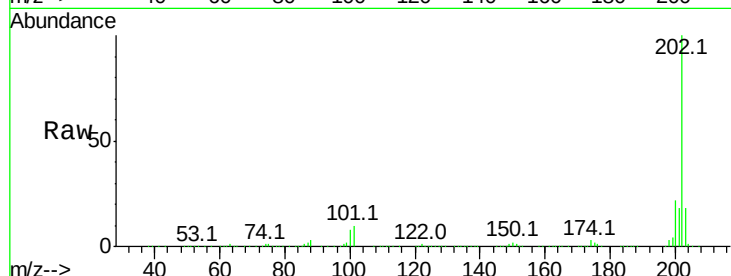
BNA_F

ClientSampleId :

20151013MGP208BRV68MS

Tot Ion:202 Resp: 1054777

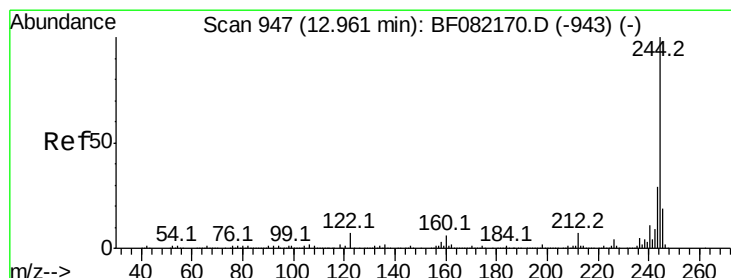
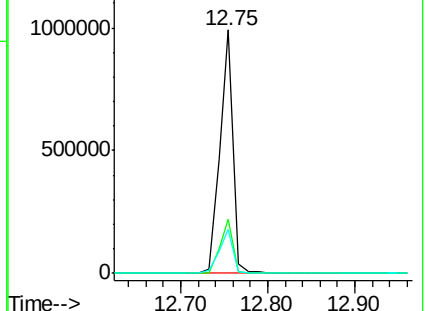
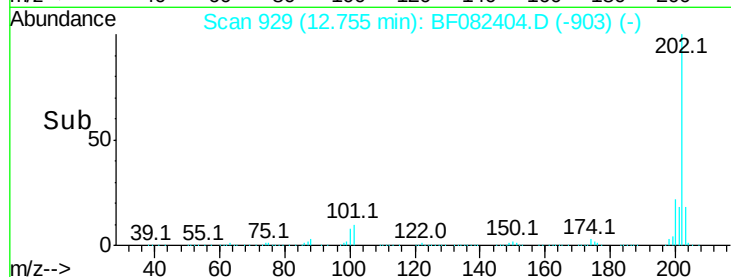
Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.9	26.9
203	18.3	14.5	21.7



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: 84.54 ng

RT: 12.90 min Scan# 942

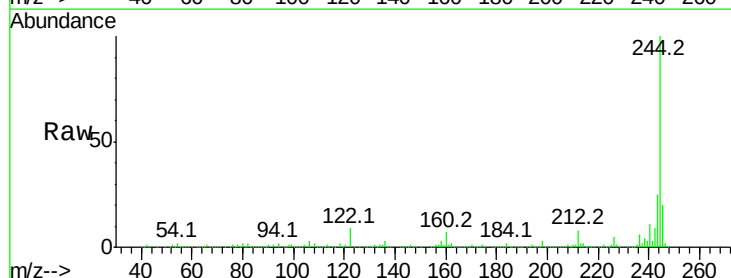
Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

Tgt Ion:244 Resp: 1064718

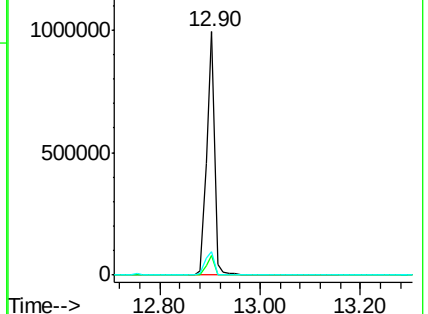
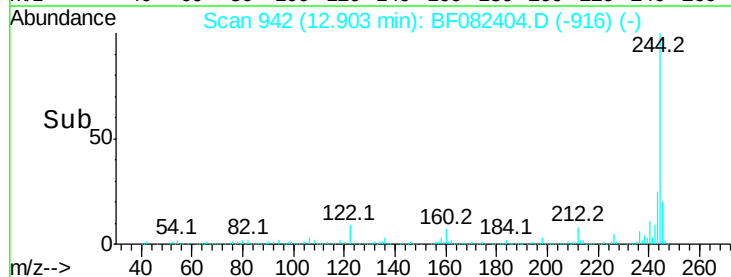
Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.6
122	9.4	5.9	8.9#

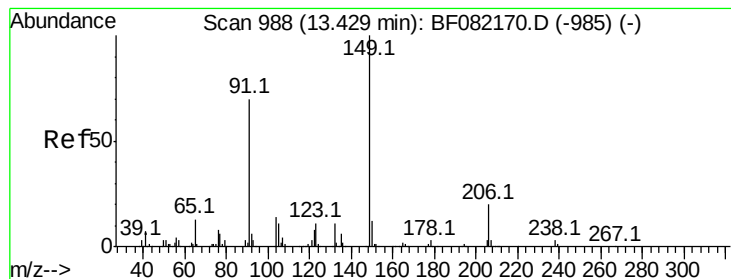


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 50.77 ng

RT: 13.39 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MS

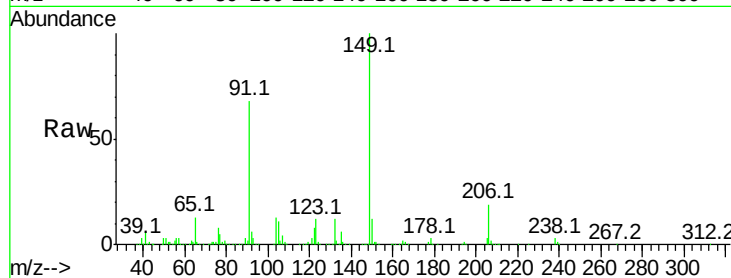
Tot Ion:149 Resp: 458927

Ion Ratio Lower Upper

149 100

91 67.7 55.7 83.5

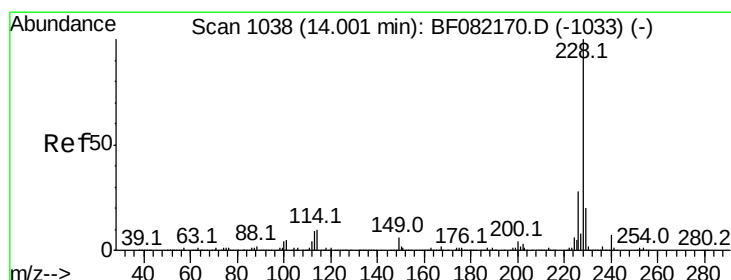
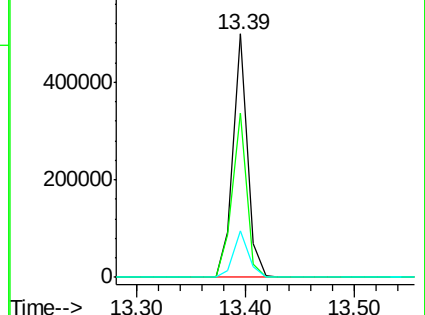
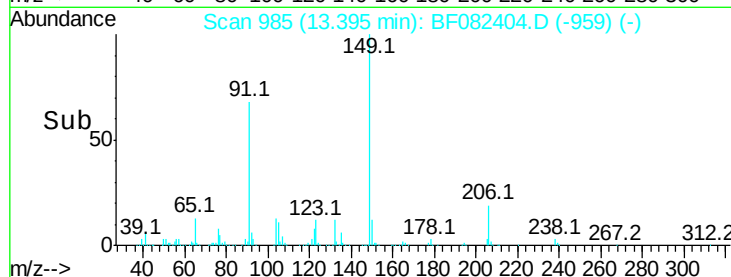
206 18.8 15.6 23.4



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: 45.23 ng

RT: 14.00 min Scan# 1038

Delta R.T. 0.01 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

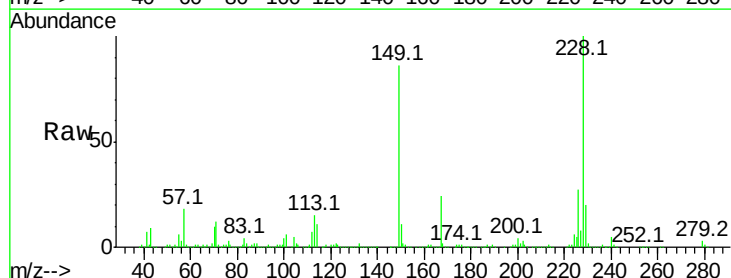
Tgt Ion:228 Resp: 785461

Ion Ratio Lower Upper

228 100

226 27.4 22.3 33.5

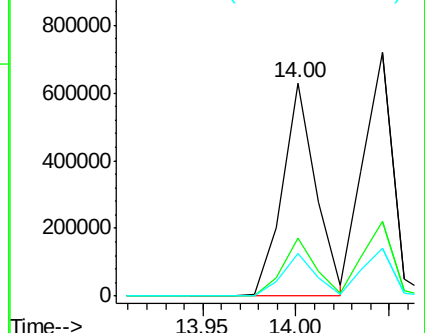
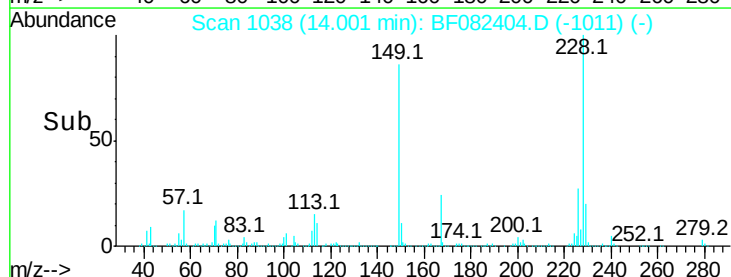
229 20.2 16.2 24.2

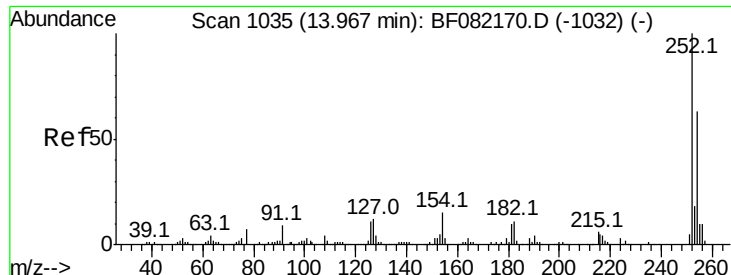


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

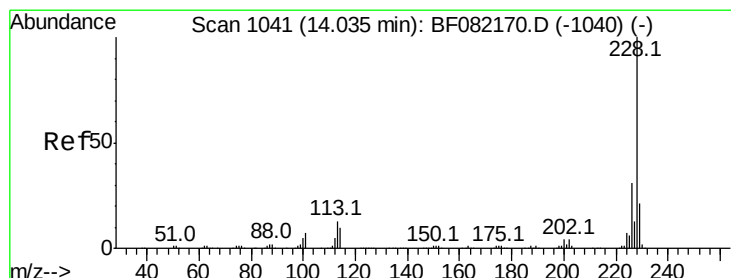
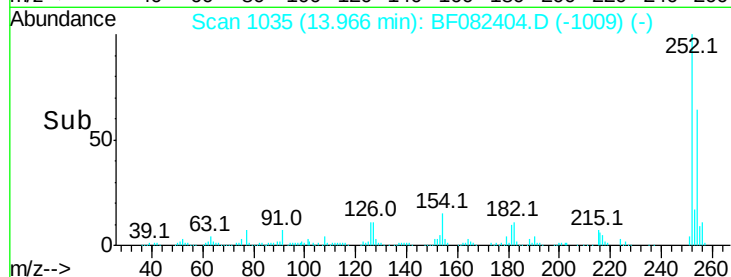
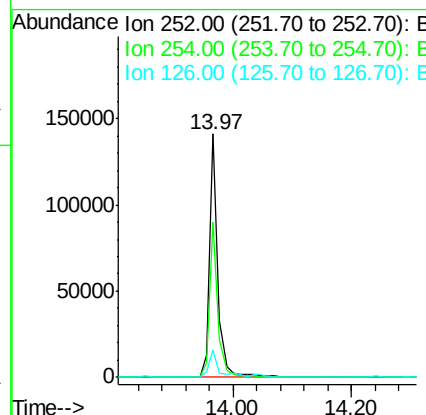
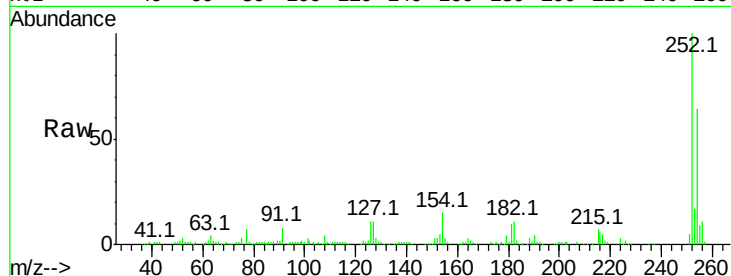




#81
 3,3'-Dichlorobenzidine
 Concen: 21.56 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF082404.D
 Acq: 21 Oct 2015 15:11

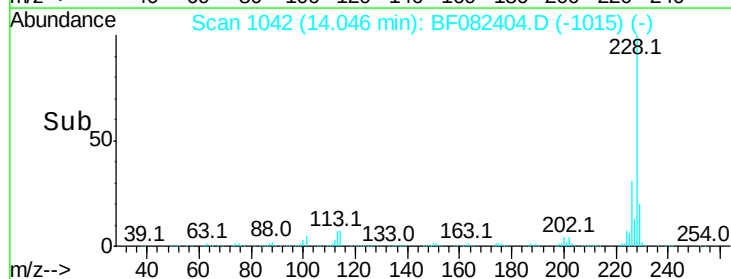
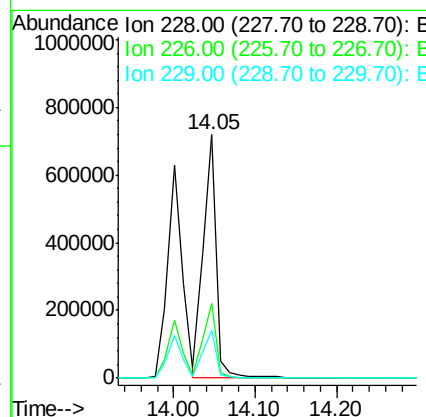
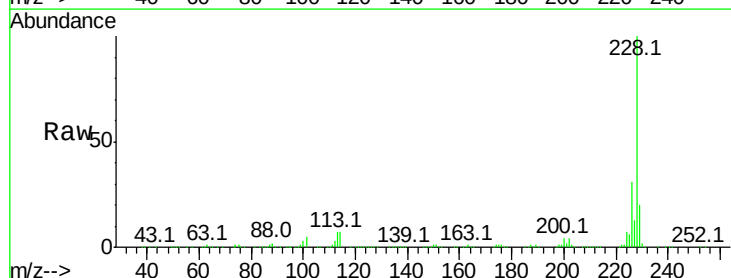
Instrument :
 BNA_F
 ClientSampleId :
 20151013MGP208BRV68MS

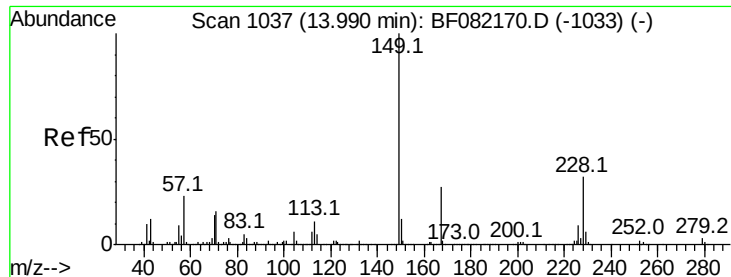
Tot Ion:252 Resp: 142087
 Ion Ratio Lower Upper
 252 100
 254 63.6 50.7 76.1
 126 11.4 9.0 13.6



#82
 Chrysene
 Concen: 44.37 ng
 RT: 14.05 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BF082404.D
 Acq: 21 Oct 2015 15:11

Tgt Ion:228 Resp: 811894
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.4 36.6
 229 19.8 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.72 ng

RT: 14.00 min Scan# 1038

Delta R.T. 0.01 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MS

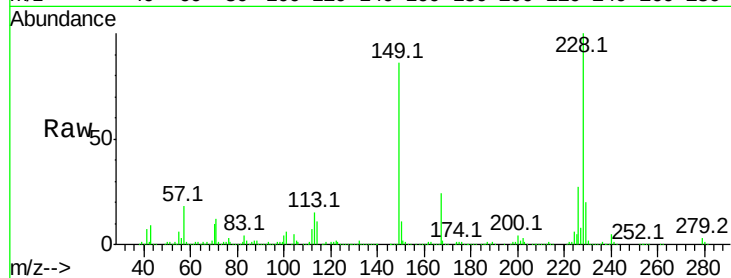
Tot Ion:149 Resp: 628306

Ion Ratio Lower Upper

149 100

167 27.3 21.3 31.9

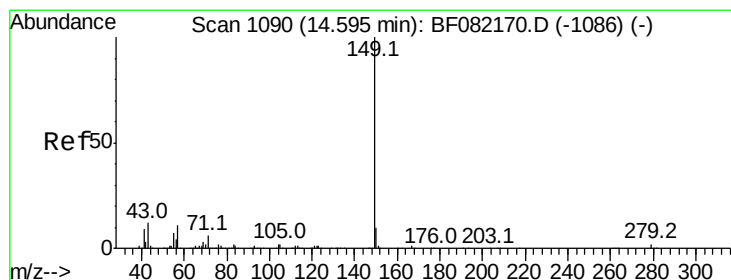
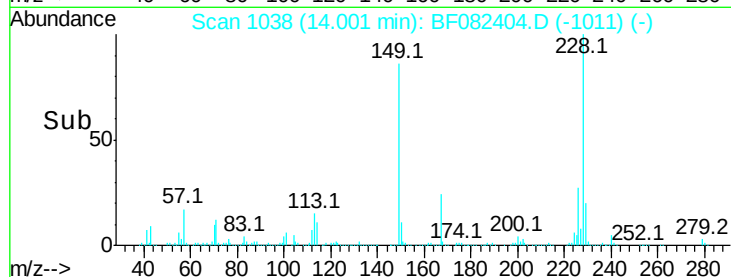
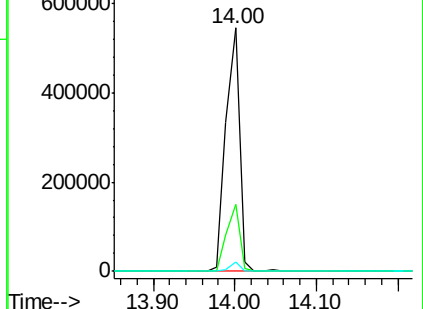
279 3.9 2.6 4.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.32 ng

RT: 14.69 min Scan# 1098

Delta R.T. 0.01 min

Lab File: BF082404.D

Acq: 21 Oct 2015 15:11

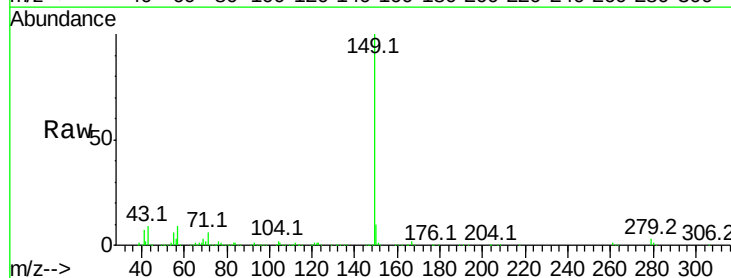
Tgt Ion:149 Resp: 1025912

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

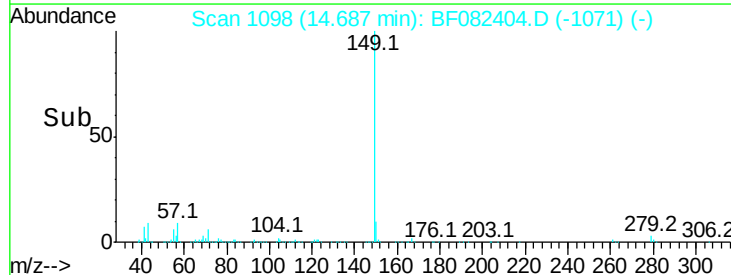
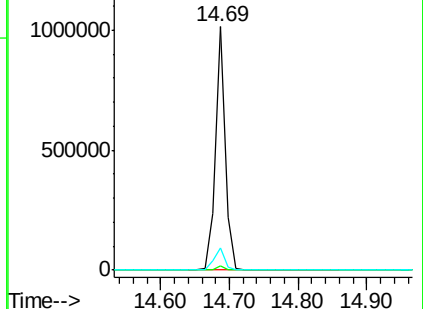
43 9.6 7.4 11.2

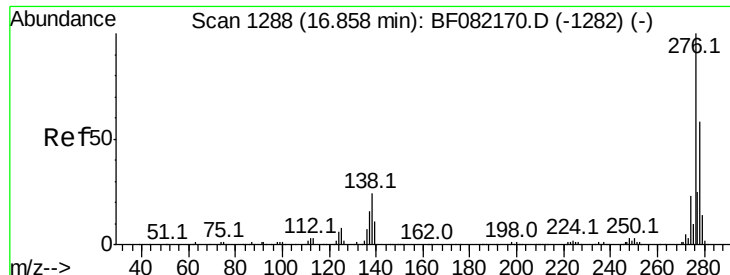


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

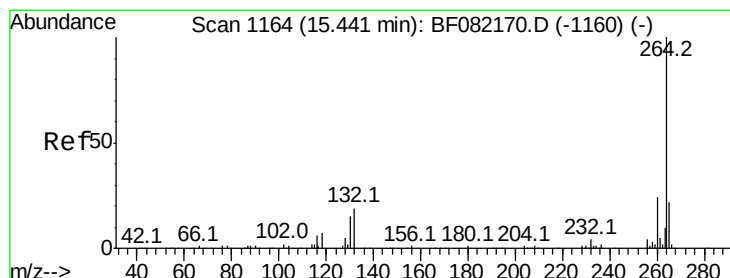
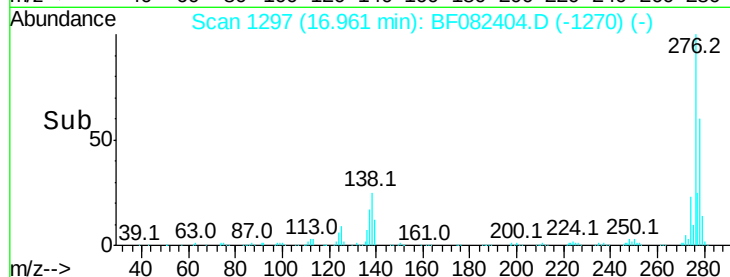
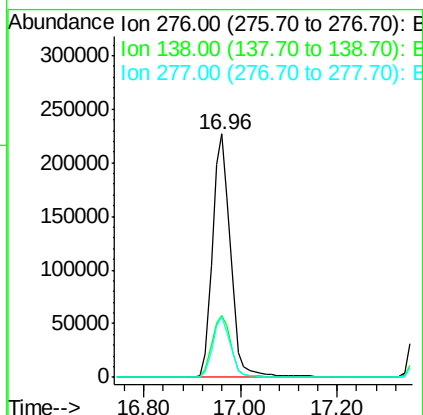
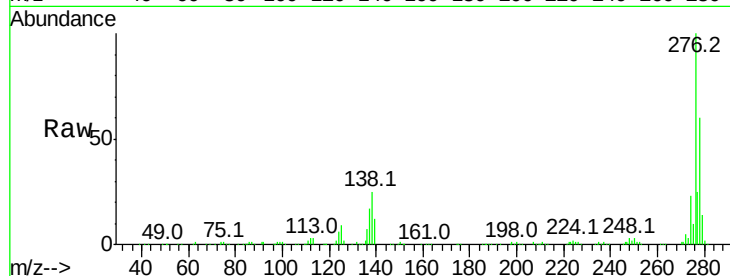




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.22 ng
 RT: 16.96 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF082404.D
 Acq: 21 Oct 2015 15:11

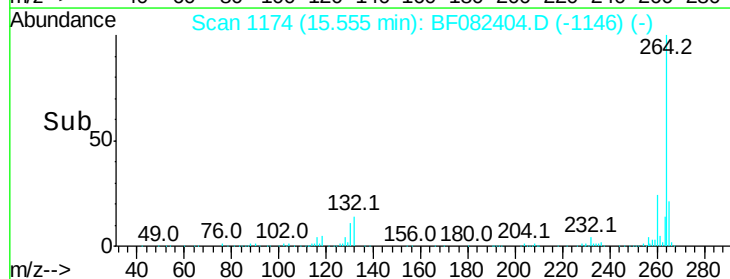
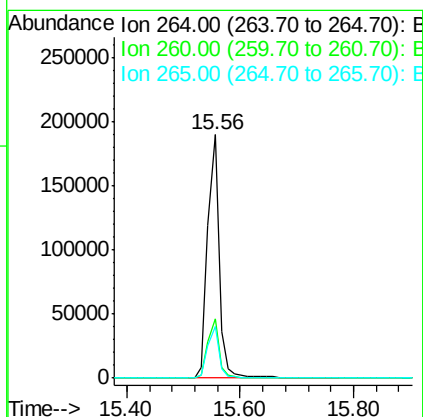
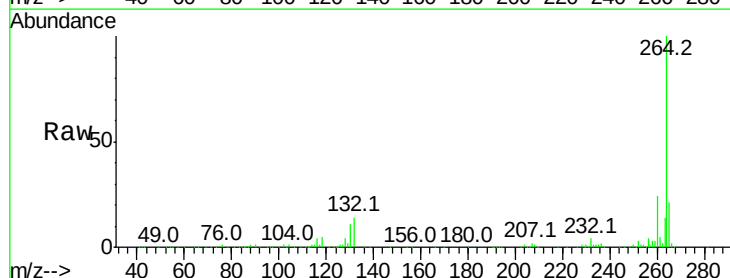
Instrument :
 BNA_F
 ClientSampleId :
 20151013MGP208BRV68MS

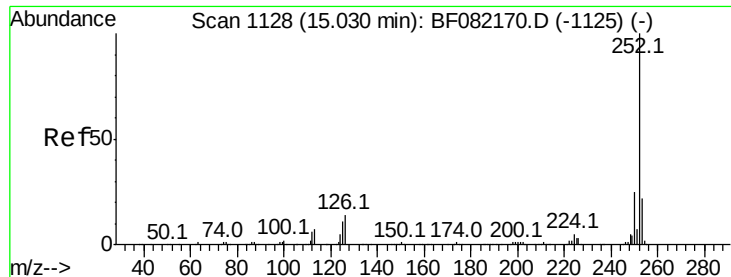
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.8	19.7	29.5
277	24.9	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 1174
 Delta R.T. 0.02 min
 Lab File: BF082404.D
 Acq: 21 Oct 2015 15:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.6
265	21.1	17.3	25.9

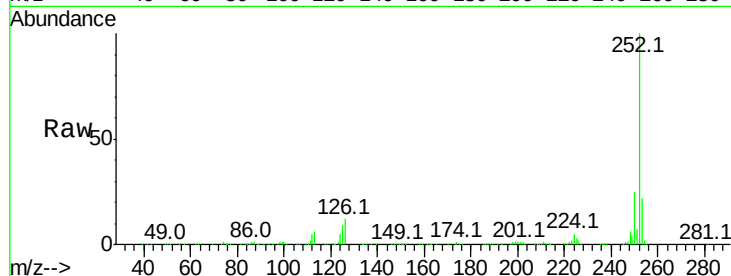




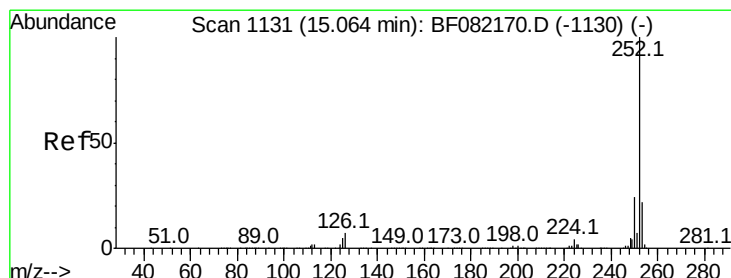
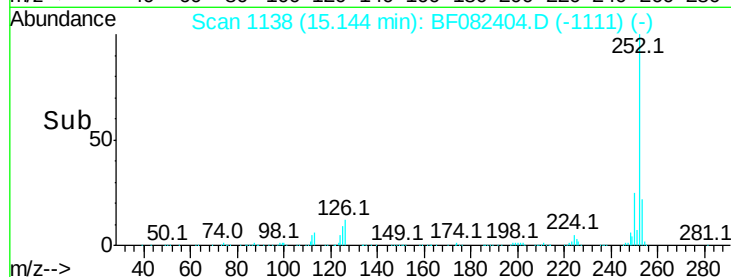
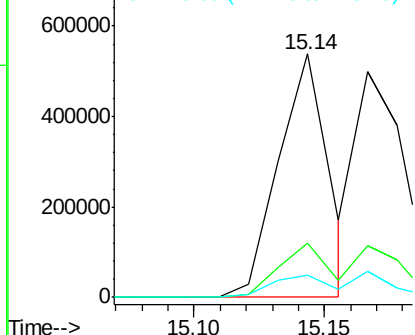
#87
Benzo(b)fluoranthene
Concen: 45.14 ng
RT: 15.14 min Scan# 1138
Delta R.T. 0.01 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Instrument :
BNA_F
ClientSampleId :
20151013MGP208BRV68MS

Tot Ion:252 Resp: 710379
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 8.9 8.6 12.8

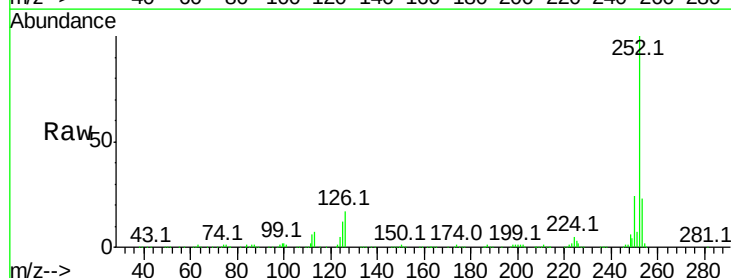


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

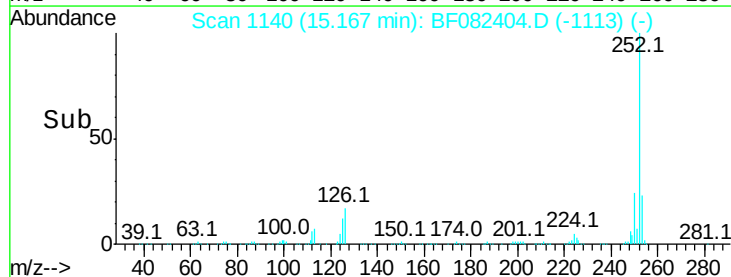
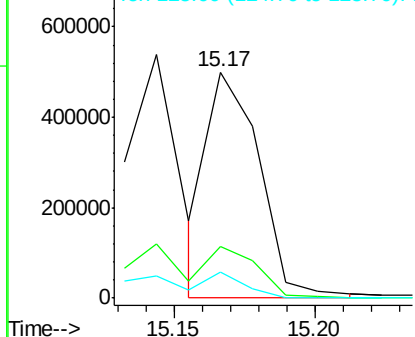


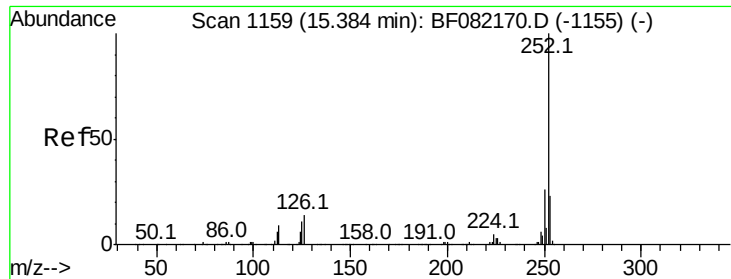
#88
Benzo(k)fluoranthene
Concen: 48.70 ng m
RT: 15.17 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:252 Resp: 644177
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 11.6 6.7 10.1#



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

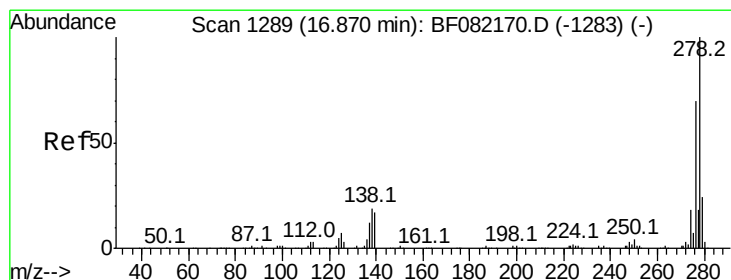
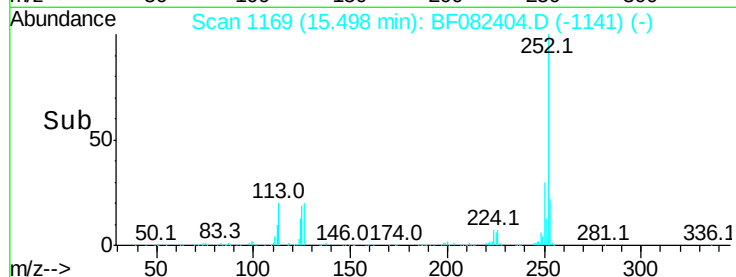
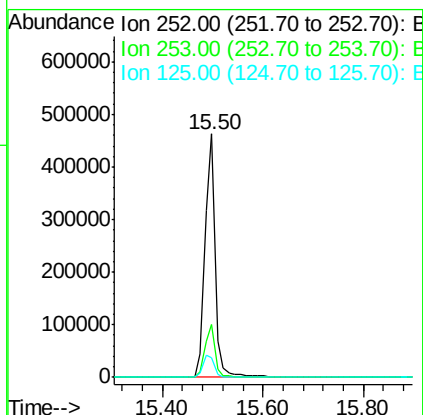
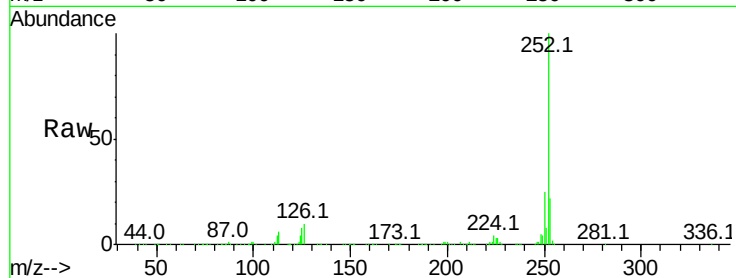




#89
Benzo(a)pyrene
Concen: 47.95 ng
RT: 15.50 min Scan# 1169
Delta R.T. 0.02 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

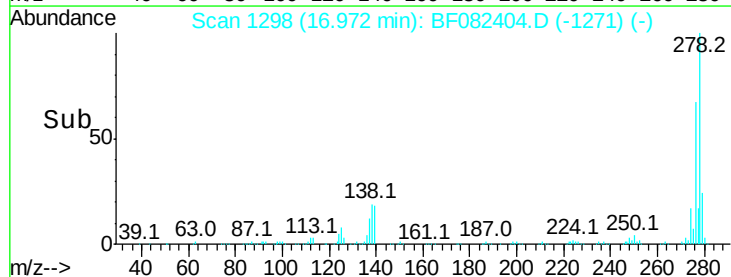
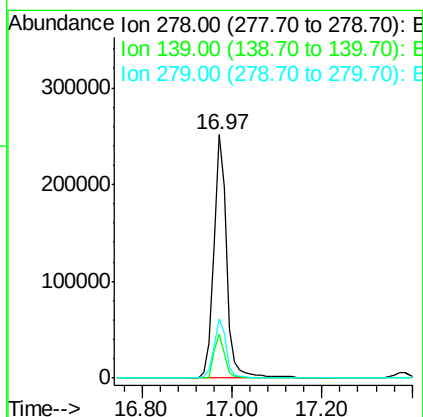
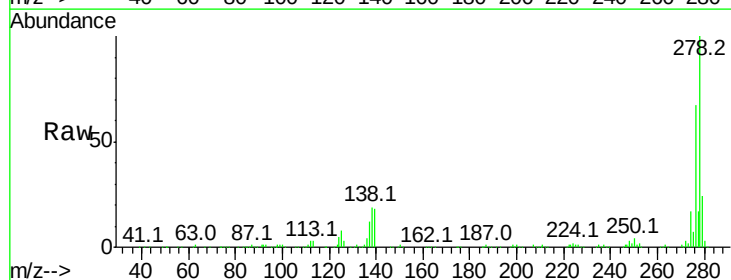
Instrument :
BNA_F
ClientSampleId :
20151013MGP208BRV68MS

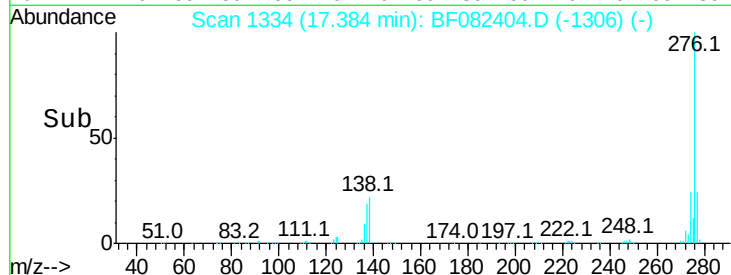
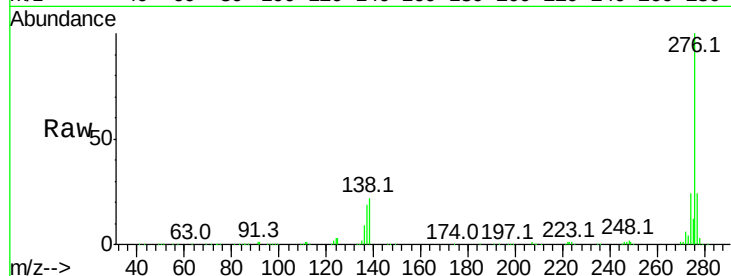
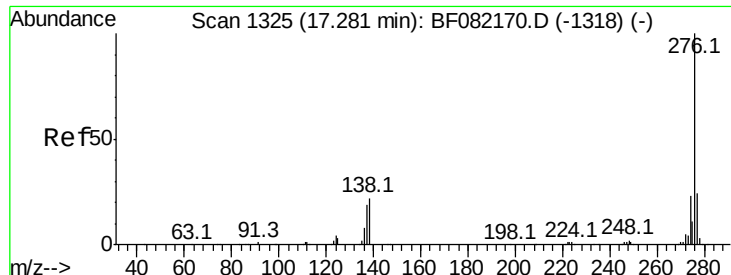
Tot Ion:252 Resp: 648565
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.2
125 7.9 8.9 13.3#



#90
Dibenzo(a,h)anthracene
Concen: 45.65 ng
RT: 16.97 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:278 Resp: 505972
Ion Ratio Lower Upper
278 100
139 17.8 13.3 19.9
279 24.4 18.9 28.3





#91
 Benzo(a,h,i)perylene
 Concen: 45.51 ng
 RT: 17.38 min Scan# 1334
 Delta R.T. 0.02 min
 Lab File: BF082404.D
 Acq: 21 Oct 2015 15:11

Instrument :
 BNA_F
 ClientSampleId :
 20151013MGP208BRV68MS

Tot Ion: 276 Resp: 490009
 Ion Ratio Lower Upper
 276 100
 277 24.0 18.8 28.2
 138 22.0 17.4 26.2

