Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024100.D
Acq On : 23 Sep 2016 23:15
Operator : UM/SJ
Sample : H4818-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-05-QT4

Manual Integrations APPROVED
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Quant Time: Sep 26 10:24:18 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	40356	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	175988	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	145625	20.00	ng		0.00
63) Phenanthrene-d10	17.48	188	379979	20.00	ng		0.00
75) Chrysene-d12	21.79	240	442936	20.00	ng		0.00
86) Perylene-d12	25.13	264	428792	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	325403	139.69	ng		0.00
7) Phenol-d6	7.21	99	489308	124.84	ng		0.00
23) Nitrobenzene-d5	9.22	82	347946	77.92	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	268447	128.25	ng		0.00
44) 2-Fluorobiphenyl	13.33	172	732217	84.52	ng		0.00
78) Terphenyl-d14	20.09	244	1563958	72.30	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.37	93	3635	0.66	ng	#	79
8) 2-Chlorophenol	7.60	128	2687	0.96	ng	#	41
9) Benzaldehyde	7.22	77	4262	2.00	ng	#	61
10) Phenol	7.23	94	3718	0.90	ng	#	1
11) bis(2-Chloroethyl)ether	7.46	93	2490	0.77	ng		93
12) 1,3-Dichlorobenzene	7.93	146	2628	0.85	ng	#	66
13) 1,4-Dichlorobenzene	8.09	146	2768	0.87	ng	#	82
14) 1,2-Dichlorobenzene	8.38	146	2871	0.93	ng	#	88
15) Benzyl Alcohol	8.37	79	8607	2.27	ng	#	55
16) 2,2'-oxybis(1-Chloropropan	8.58	45	4332	0.97	ng		81
17) 2-Methylphenol	8.53	107	2243	0.82	ng	#	60
18) Hexachloroethane	9.13	117	1159	0.87	ng	#	64
19) n-Nitroso-di-n-propylamine	8.85	70	1224	0.32	ng	#	63
22) Acetophenone	8.90	105	4198m	0.83	ng		
24) Nitrobenzene	9.25	77	3975m	0.83	ng		
25) Isophorone	9.81	82	5773	0.63	ng	#	85
27) 2,4-Dimethylphenol	10.11	122	1662m	0.59	ng		
28) bis(2-Chloroethoxy)methane	10.32	93	3045	0.69	ng	#	79
30) 1,2,4-Trichlorobenzene	10.73	180	535	0.17	ng		87
31) Naphthalene	10.93	128	7151	0.80	ng	#	94
34) Hexachlorobutadiene	11.19	225	2004	0.80	ng	#	83
36) 4-Chloro-3-methylphenol	12.25	107	1918	0.46	ng	#	84
37) 2-Methylnaphthalene	12.55	142	5332	0.78	ng	#	86
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	2995	0.70	ng		96
42) 2,4,6-Trichlorophenol	13.21	196	1993m	0.72	ng		
43) 2,4,5-Trichlorophenol	13.31	196	1568m	0.55	ng		
45) 1,1'-Biphenyl	13.55	154	7394	0.74	ng		85
46) 2-Chloronaphthalene	13.61	162	6089	0.82	ng		98
47) 2-Nitroaniline	13.87	65	1282m	0.37	ng		
48) Acenaphthylene	14.45	152	9767	0.77	ng	#	92
49) Dimethylphthalate	14.18	163	9111	0.82	ng	#	83
50) 2,6-Dinitrotoluene	14.33	165	1620	0.69	ng	#	82
51) Acenaphthene	14.78	154	6808	0.89	ng		85
54) Dibenzofuran	15.14	168	10600	0.89	ng		94

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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Quant Time: Sep 26 10:24:18 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 2,4-Dinitrotoluene	15.13	165	1151	0.32	ng	#	49
57) Fluorene	15.78	166	8946	0.86	ng	#	87
58) 2,3,4,6-Tetrachlorophenol	15.39	232	671m	0.25	ng		
59) Diethylphthalate	15.53	149	10255	0.85	ng	#	89
60) 4-Chlorophenyl-phenylether	15.76	204	4574	0.82	ng		93
62) Azobenzene	16.06	77	11136	0.91	ng		91
65) n-Nitrosodiphenylamine	15.99	169	8579	0.83	ng		96
66) 4-Bromophenyl-phenylether	16.66	248	3010	0.68	ng		90
67) Hexachlorobenzene	16.79	284	4464	0.90	ng	#	92
68) Atrazine	16.94	200	3649	0.80	ng	#	72
70) Phenanthrene	17.53	178	17800m	0.92	ng		
71) Anthracene	17.64	178	17459	0.88	ng	#	91
72) Carbazole	17.92	167	15524	0.84	ng	#	91
73) Di-n-butylphthalate	18.44	149	19187	0.79	ng		97
74) Fluoranthene	19.55	202	22141	0.88	ng		91
76) Benzidine	19.76	184	10247	0.82	ng	#	90
77) Pyrene	19.91	202	23256	0.75	ng	#	87
79) Butylbenzylphthalate	20.77	149	7652	0.67	ng	#	87
80) Benzo(a)anthracene	21.77	228	21965	0.87	ng		93
81) 3,3'-Dichlorobenzidine	21.71	252	6323	0.70	ng	#	91
82) Chrysene	21.84	228	20905m	0.88	ng		
83) Bis(2-ethylhexyl)phthalate	21.64	149	13616	1.00	ng		93
84) Di-n-octyl phthalate	22.88	149	22784	0.97	ng	#	91
85) Indeno(1,2,3-cd)pyrene	29.00	276	24566	0.93	ng	#	100
87) Benzo(b)fluoranthene	24.08	252	20954	0.84	ng	#	92
88) Benzo(k)fluoranthene	24.15	252	22880	0.92	ng	#	80
89) Benzo(a)pyrene	24.98	252	21155	0.88	ng	#	82
90) Dibenzo(a,h)anthracene	29.04	278	18718m	0.78	ng		
91) Benzo(g,h,i)perylene	30.21	276	20044m	0.83	ng		

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

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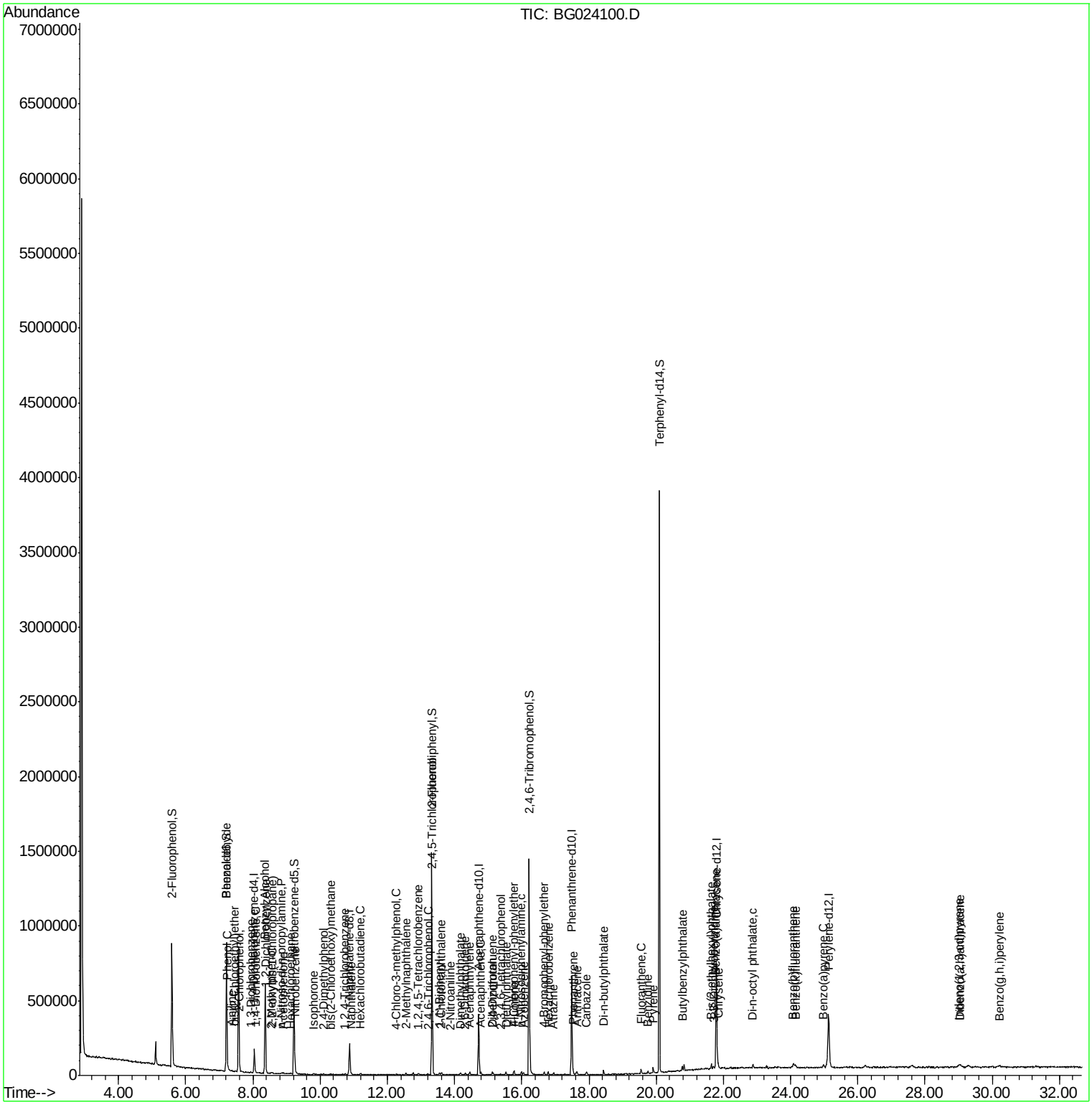

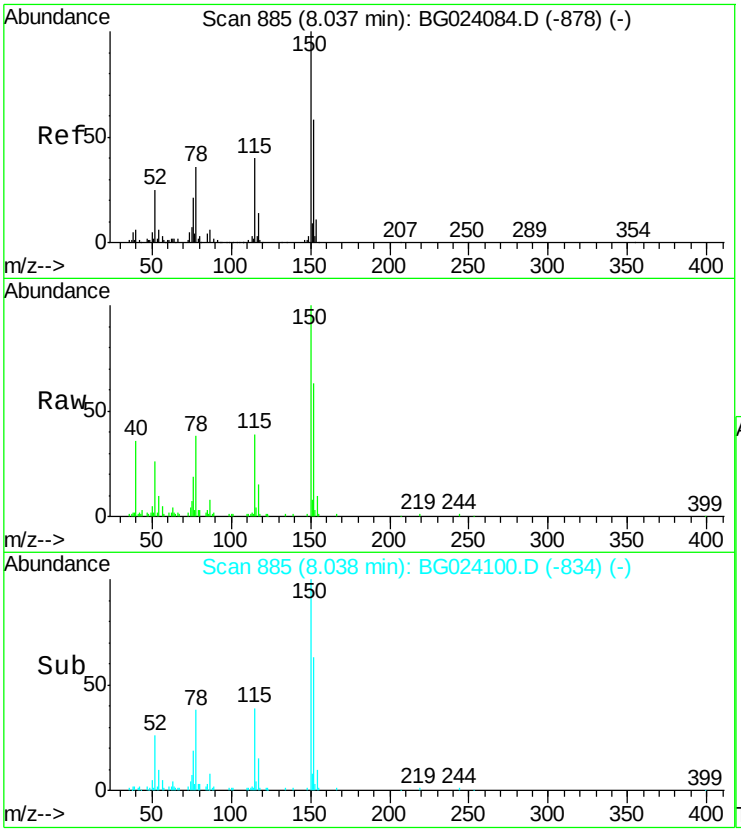

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 885
Delta R.T. 0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:152 Resp: 40356

Ion	Ratio	Lower	Upper
152	100		
150	157.6	144.7	217.1
115	61.9	64.0	96.0#

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-05-QT4

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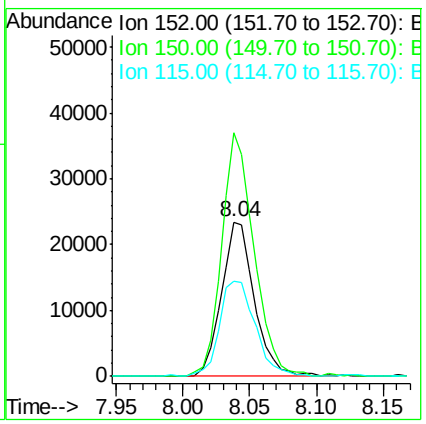
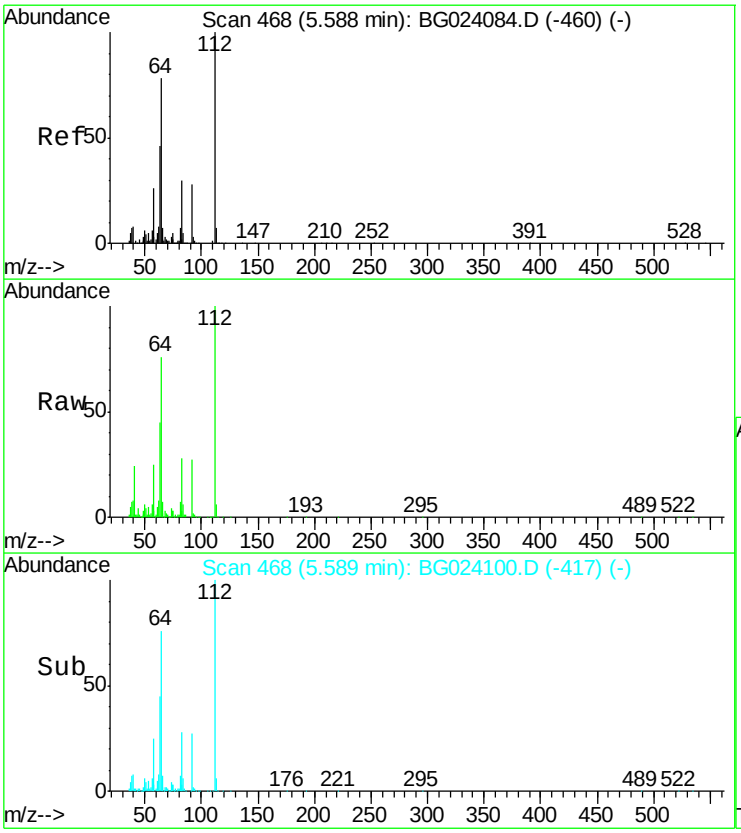
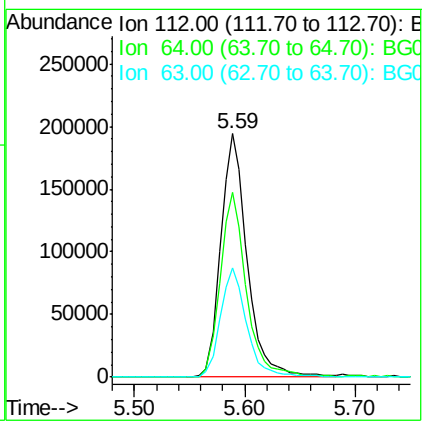


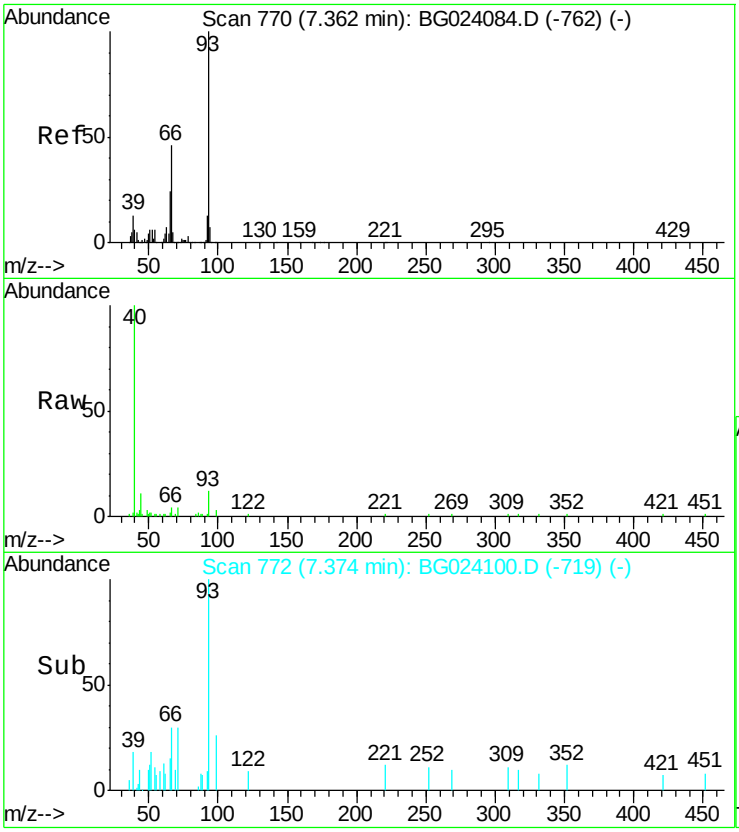


#5
2-Fluorophenol
Concen: 139.69 ng
RT: 5.59 min Scan# 468
Delta R.T. 0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:112 Resp: 325403

Ion	Ratio	Lower	Upper
112	100		
64	76.1	59.0	88.4
63	44.8	37.8	56.8

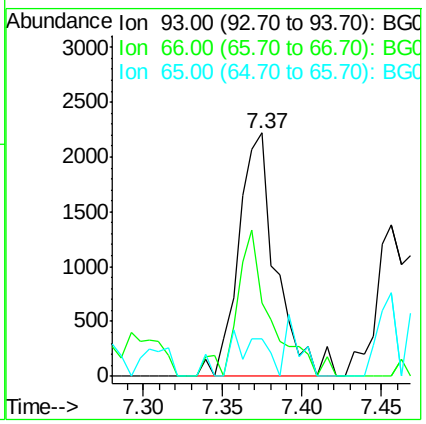




#6
Aniline
Concen: 0.66 ng
RT: 7.37 min Scan# 772
Delta R.T. 0.01 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion: 93 Resp: 3635

Ion	Ratio	Lower	Upper
93	100		
66	30.3	37.5	56.3#
65	15.5	17.9	26.9#



Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-05-QT4

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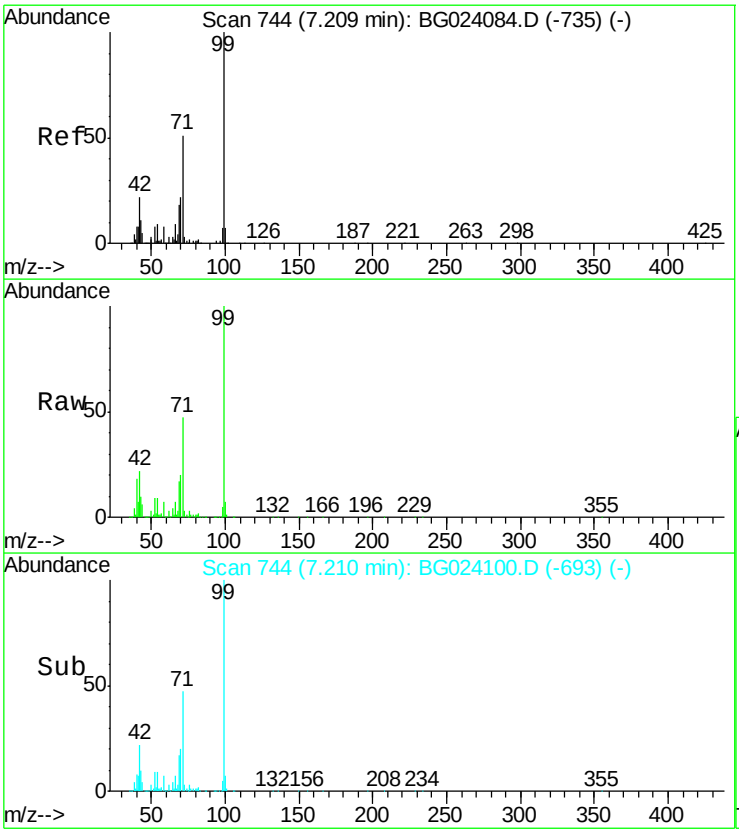
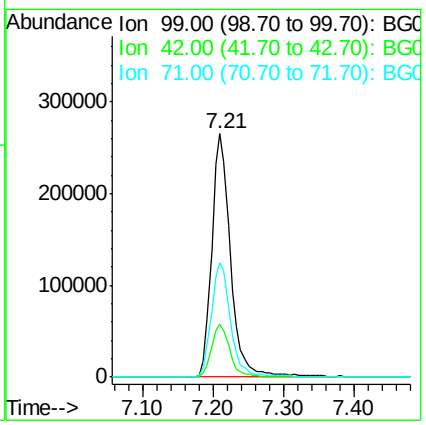
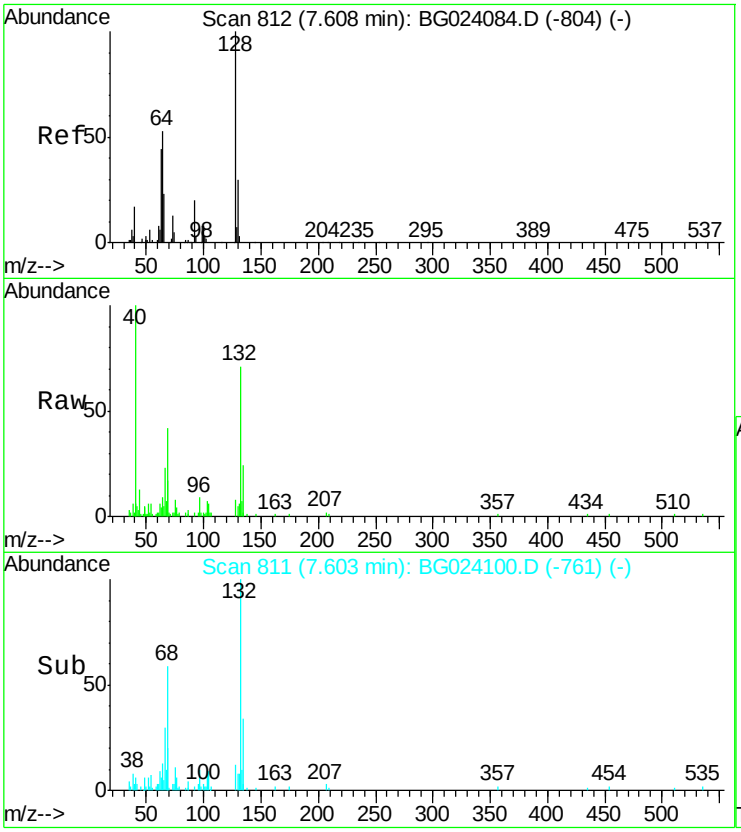


#7
Phenol-d6
Concen: 124.84 ng
RT: 7.21 min Scan# 744
Delta R.T. 0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion: 99 Resp: 489308

Ion	Ratio	Lower	Upper
99	100		
42	22.0	17.8	26.6
71	47.2	41.5	62.3

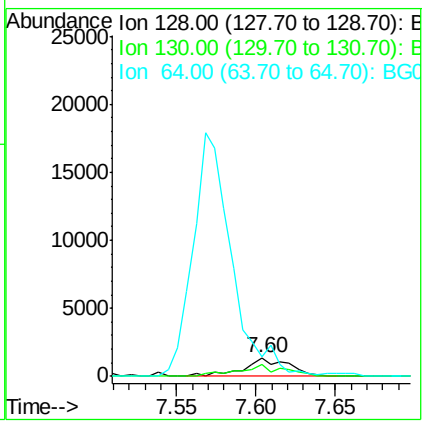




#8
2-Chlorophenol
Concen: 0.96 ng
RT: 7.60 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:128 Resp: 2687

Ion	Ratio	Lower	Upper
128	100		
130	64.0	12.9	52.9#
64	109.4	42.0	82.0#



Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-05-QT4

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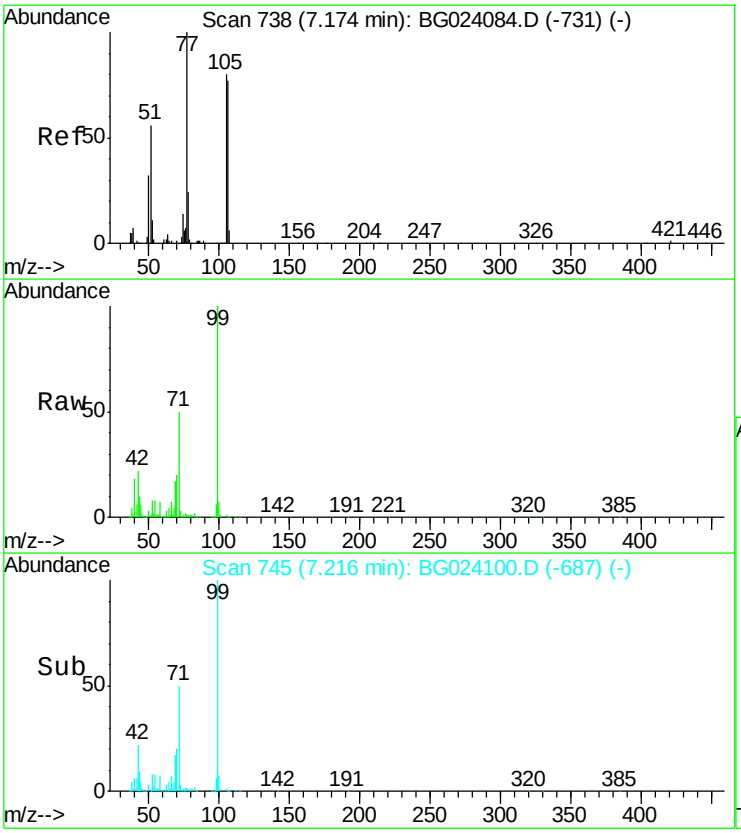
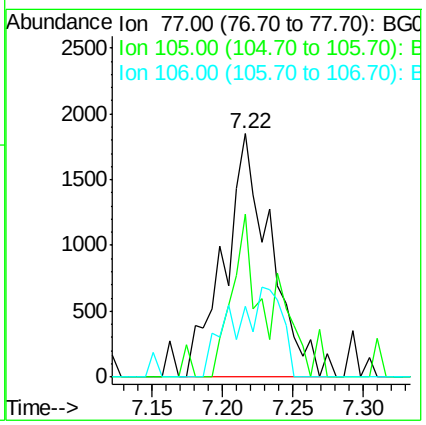
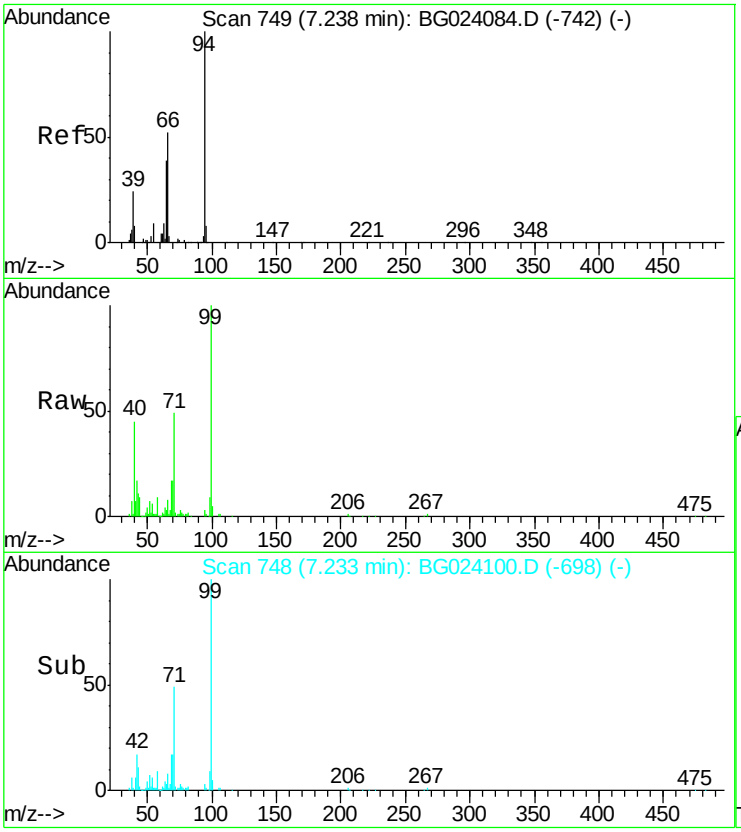


#9
Benzaldehyde
Concen: 2.00 ng
RT: 7.22 min Scan# 745
Delta R.T. 0.04 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion: 77 Resp: 4262

Ion	Ratio	Lower	Upper
77	100		
105	66.8	58.7	98.7
106	29.3	67.5	107.5#





#10
Phenol
Concen: 0.90 ng
RT: 7.23 min Scan# 748
Delta R.T. -0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion: 94 Resp: 3718

Ion	Ratio	Lower	Upper
94	100		
65	86.9	18.1	58.1#
66	244.7	42.1	82.1#

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-05-QT4

Manual Integrations APPROVED
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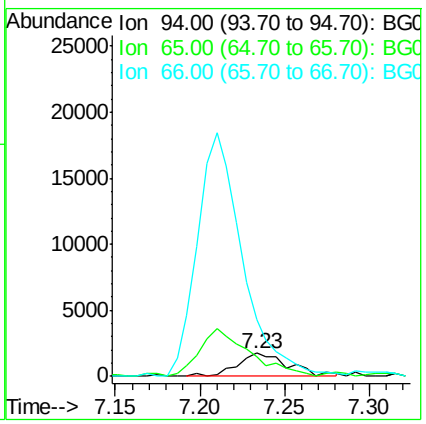
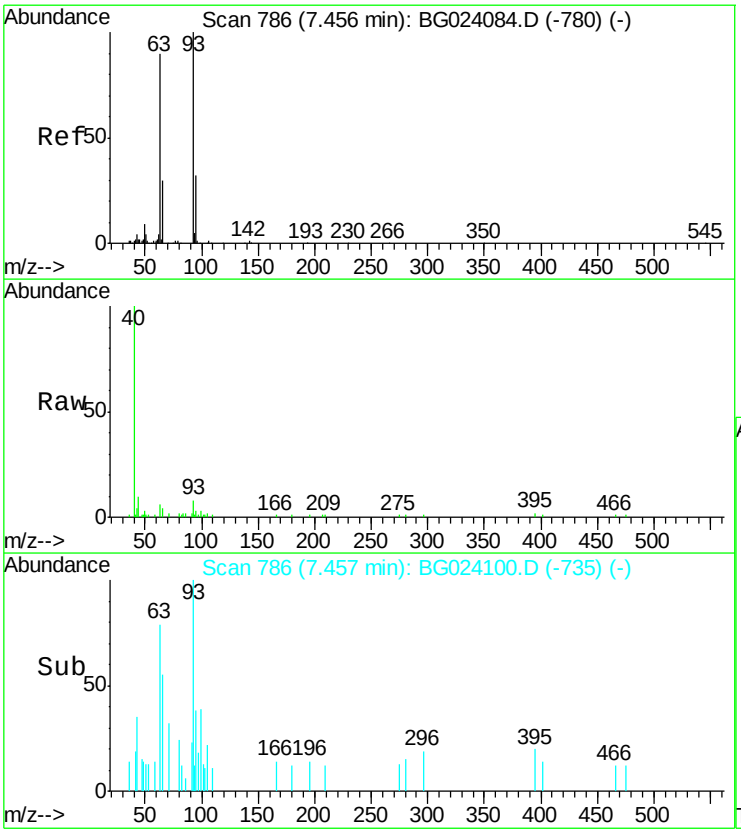
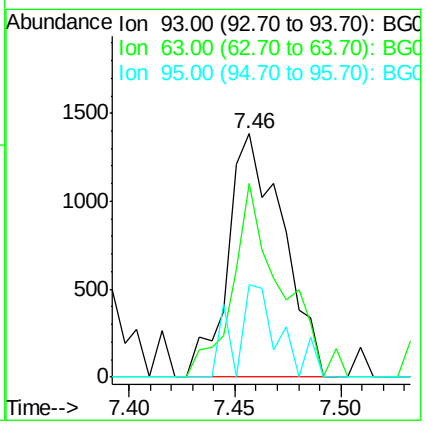


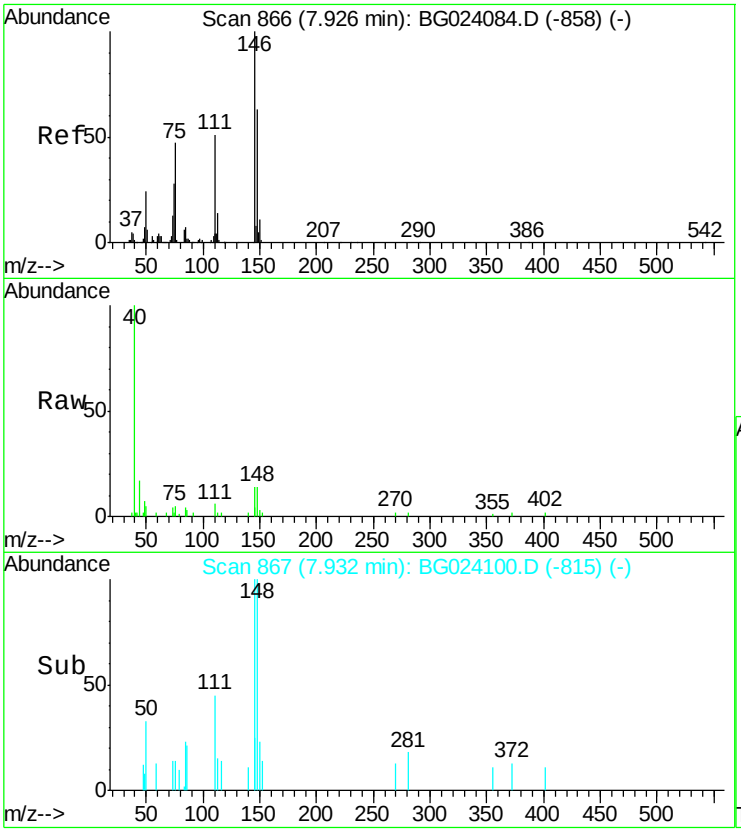


#11
bis(2-Chloroethyl)ether
Concen: 0.77 ng
RT: 7.46 min Scan# 786
Delta R.T. 0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion: 93 Resp: 2490

Ion	Ratio	Lower	Upper
93	100		
63	79.4	55.0	95.0
95	38.1	11.0	51.0

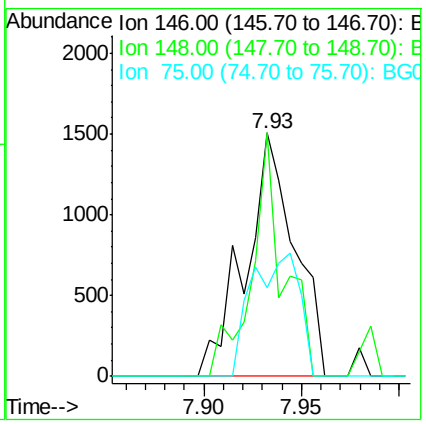




#12
1,3-Dichlorobenzene
Concen: 0.85 ng
RT: 7.93 min Scan# 867
Delta R.T. 0.01 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:146 Resp: 2628

Ion	Ratio	Lower	Upper
146	100		
148	100.0	50.3	75.5#
75	36.5	37.0	55.6#



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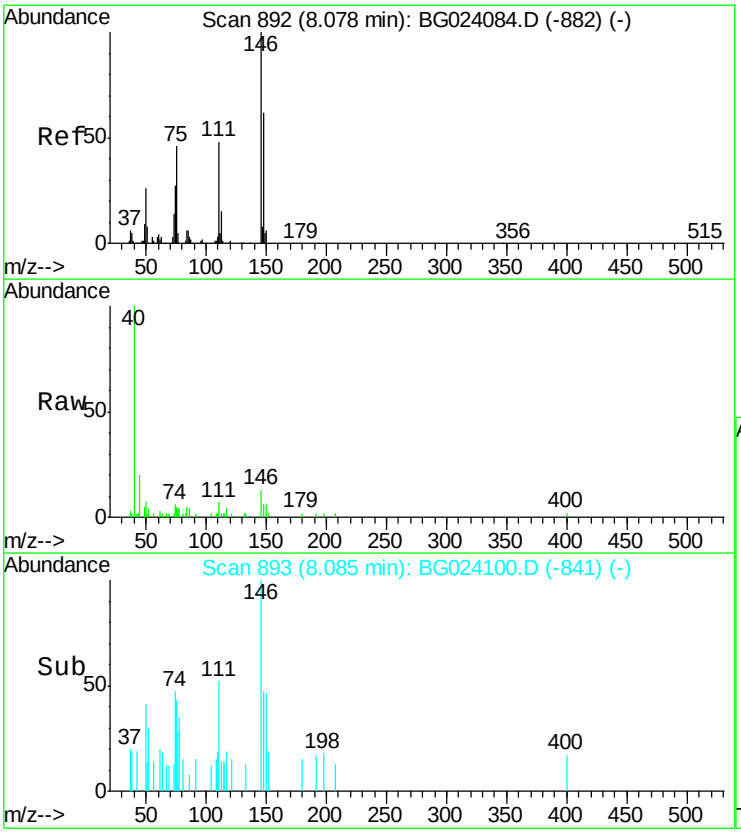
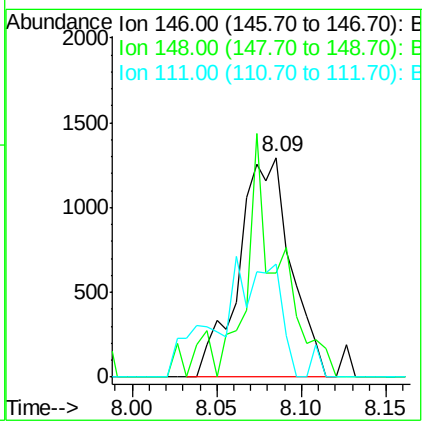
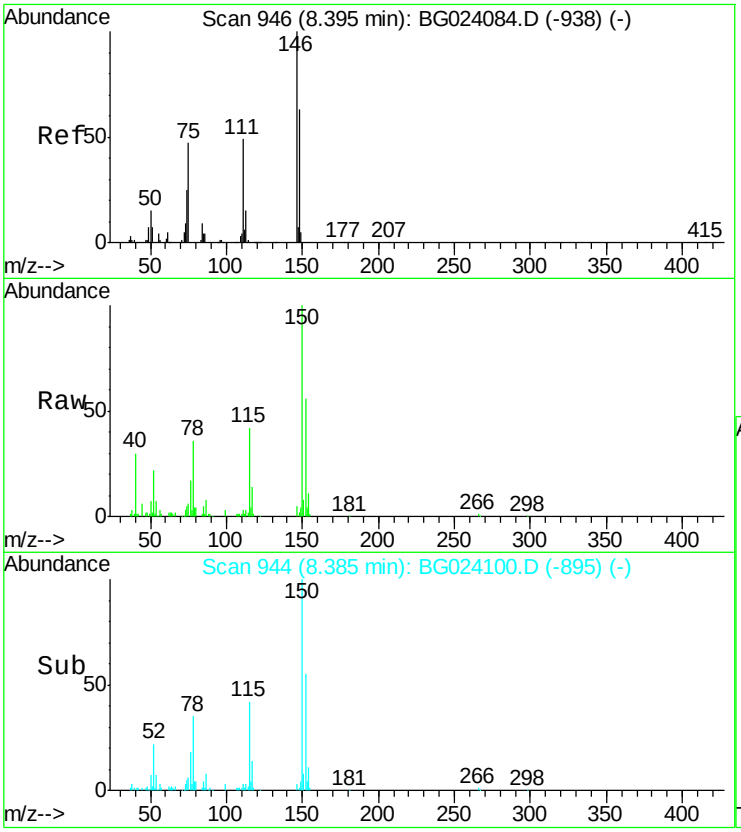


#13
1,4-Dichlorobenzene
Concen: 0.87 ng
RT: 8.09 min Scan# 893
Delta R.T. 0.01 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:146 Resp: 2768

Ion	Ratio	Lower	Upper
146	100		
148	47.2	54.5	81.7#
111	51.5	37.8	56.8

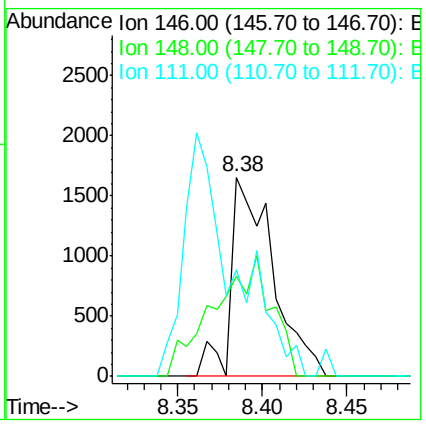




#14
1,2-Dichlorobenzene
Concen: 0.93 ng
RT: 8.38 min Scan# 944
Delta R.T. -0.01 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:146 Resp: 2871

Ion	Ratio	Lower	Upper
146	100		
148	50.2	52.9	79.3#
111	53.4	43.5	65.3



Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-05-QT4

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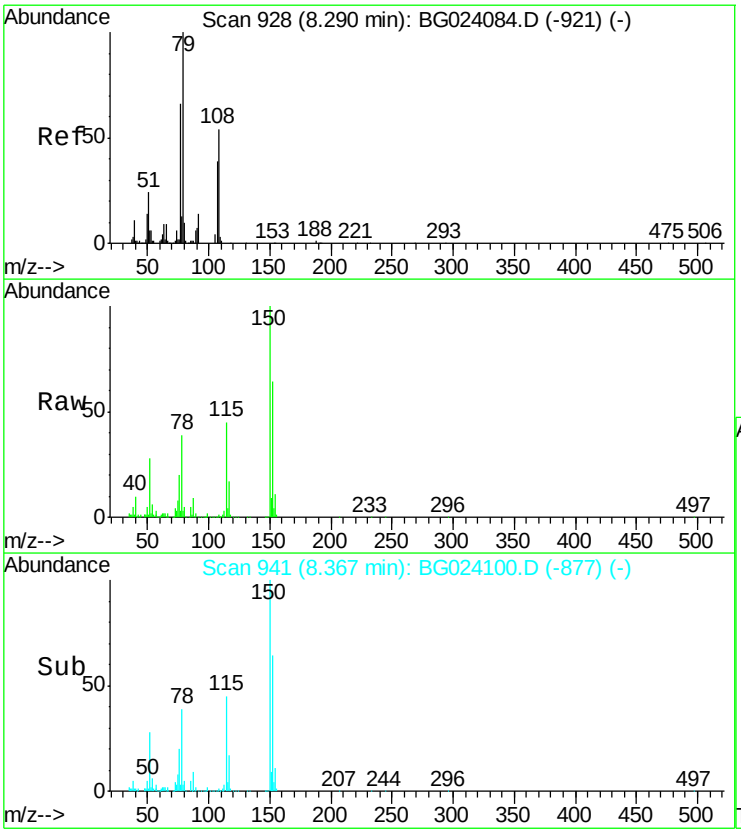
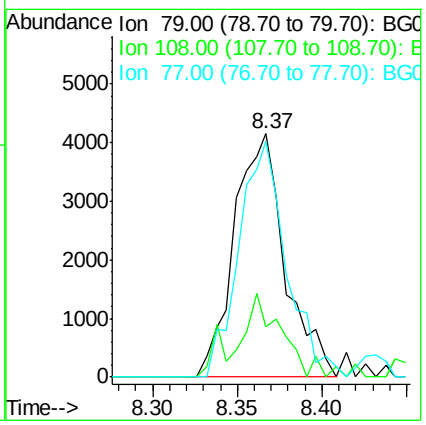
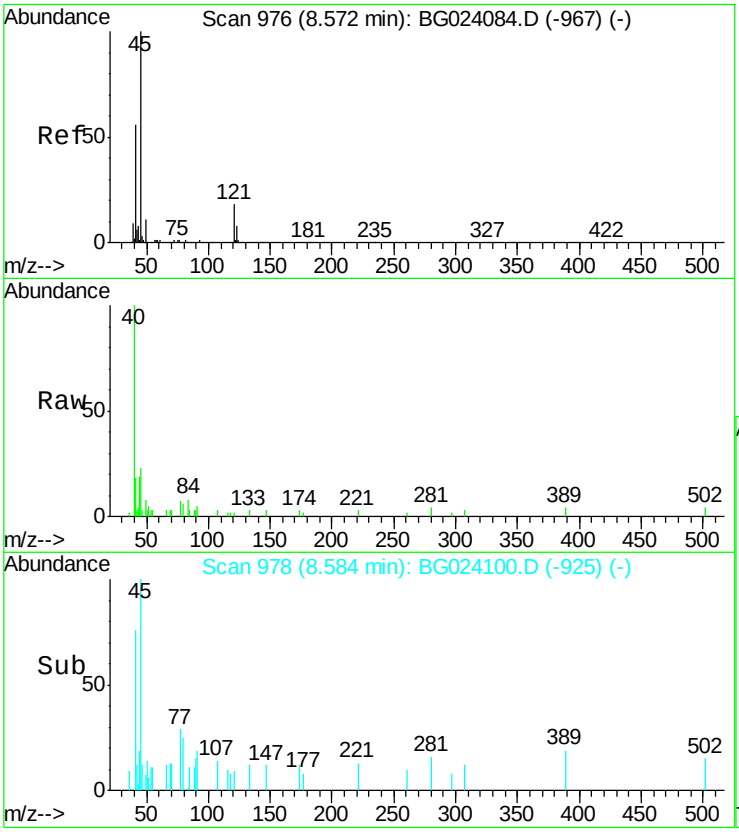


#15
Benzyl Alcohol
Concen: 2.27 ng
RT: 8.37 min Scan# 941
Delta R.T. 0.08 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion: 79 Resp: 8607

Ion	Ratio	Lower	Upper
79	100		
108	20.6	46.5	69.7#
77	97.0	52.3	78.5#

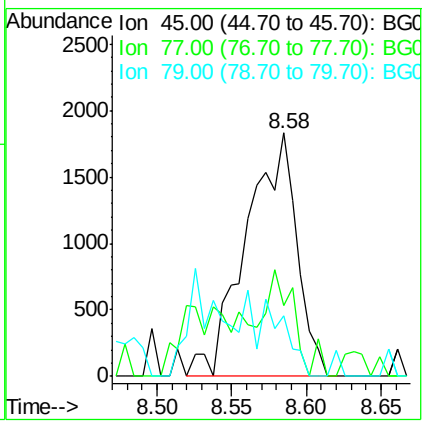




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.97 ng
RT: 8.58 min Scan# 978
Delta R.T. 0.01 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion: 45 Resp: 4332

Ion	Ratio	Lower	Upper
45	100		
77	29.0	0.6	40.6
79	25.0	0.0	36.2



Instrument :
BNA_G
ClientSampleId :
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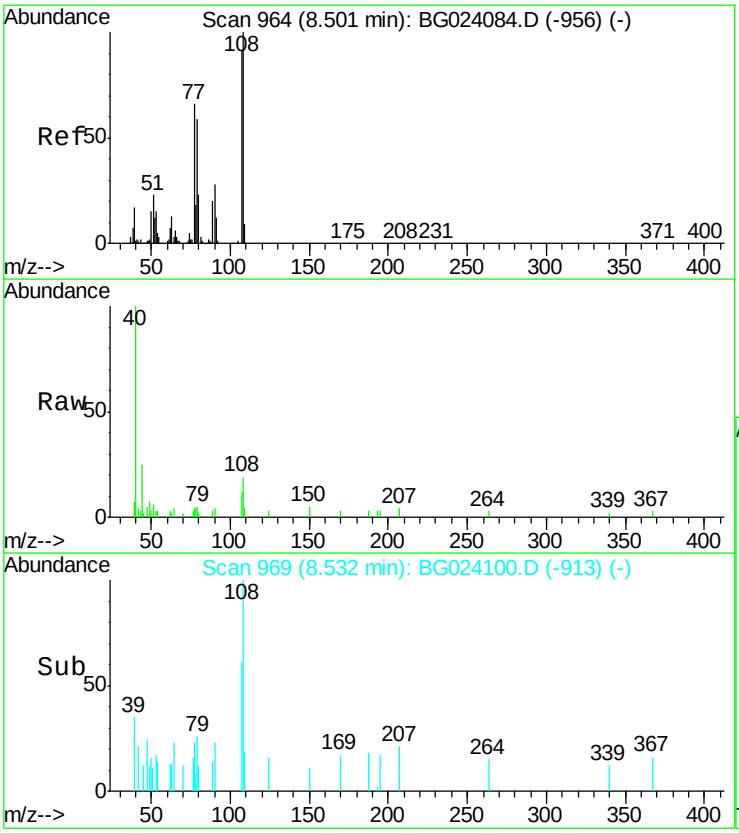
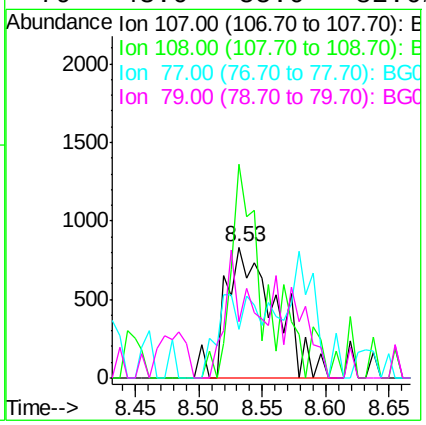
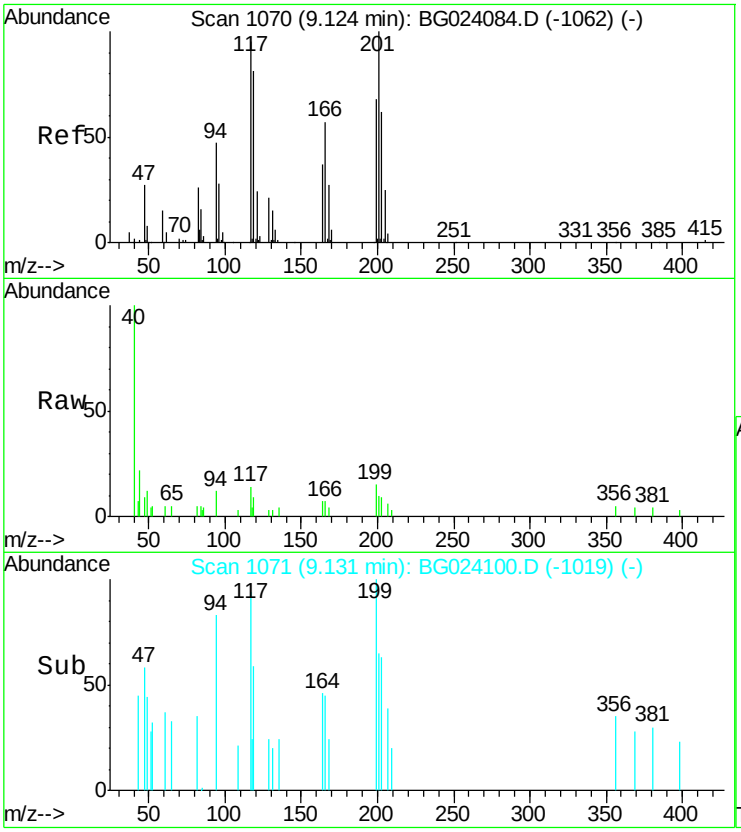


#17
2-Methylphenol
Concen: 0.82 ng
RT: 8.53 min Scan# 969
Delta R.T. 0.03 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:107 Resp: 2243

Ion	Ratio	Lower	Upper
107	100		
108	163.5	92.0	138.0#
77	36.9	55.8	83.6#
79	43.0	55.0	82.6#





#18
Hexachloroethane
Concen: 0.87 ng
RT: 9.13 min Scan# 1071
Delta R.T. 0.01 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:117 Resp: 1159

Ion	Ratio	Lower	Upper
117	100		
119	62.8	73.7	110.5#
201	68.5	88.7	133.1#

Instrument :
BNA_G
ClientSampleId :
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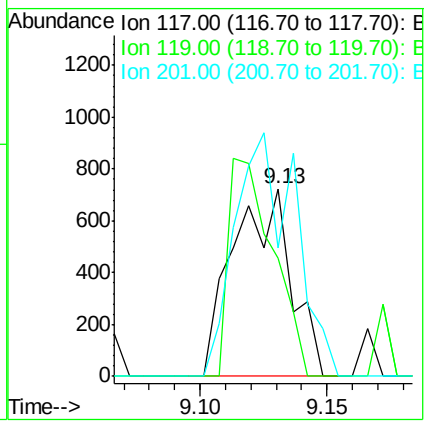
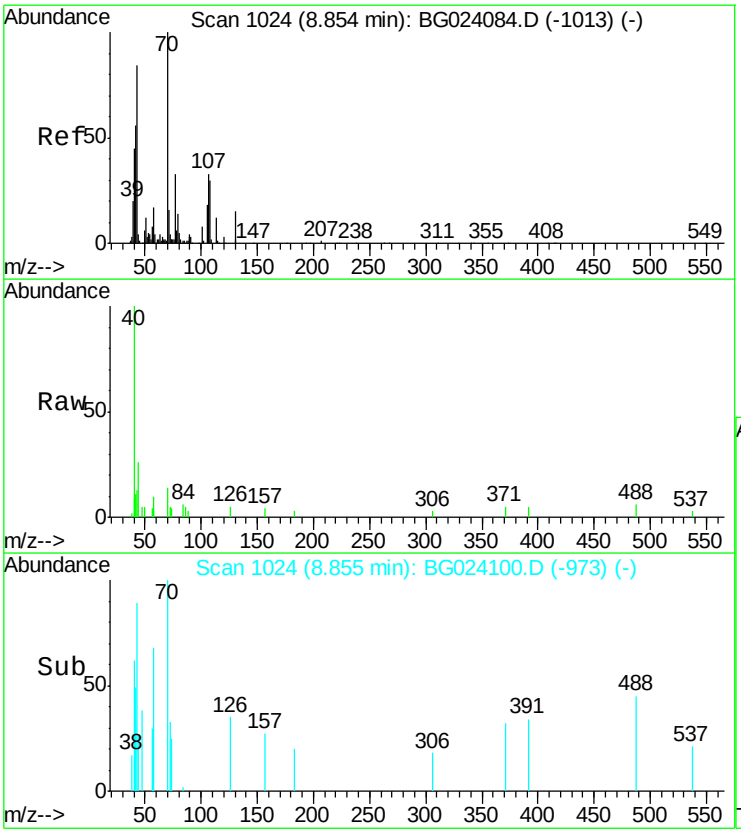
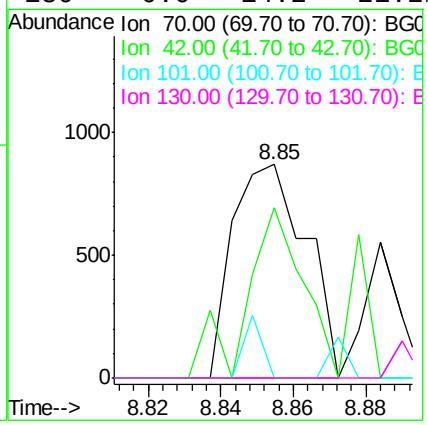


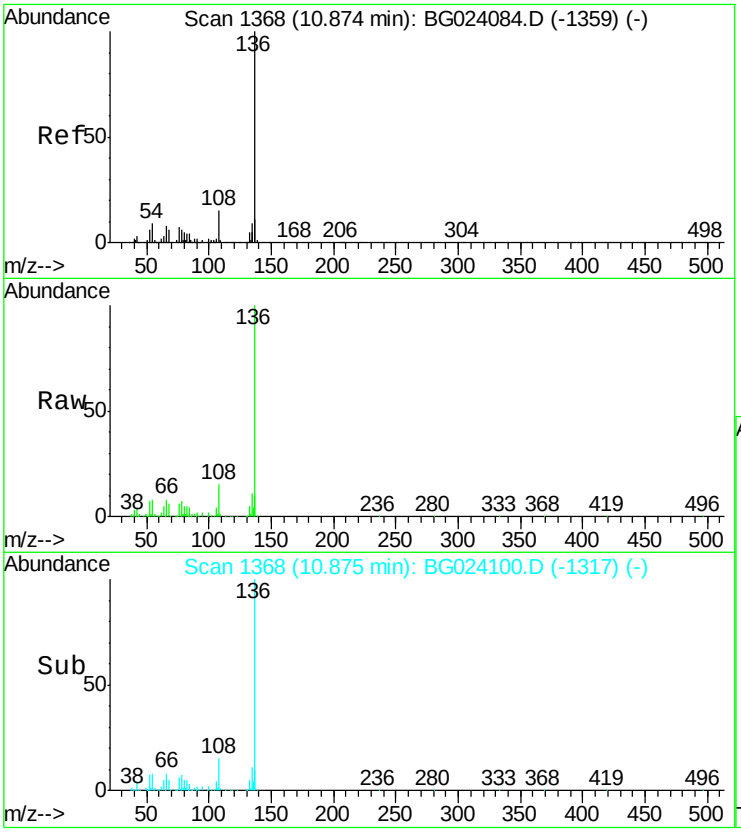


#19
n-Nitroso-di-n-propylamine
Concen: 0.32 ng
RT: 8.85 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion: 70 Resp: 1224

Ion	Ratio	Lower	Upper
70	100		
42	79.7	42.1	63.1#
101	0.0	7.2	10.8#
130	0.0	14.2	21.2#





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Instrument :
BNA_G
ClientSampleId :
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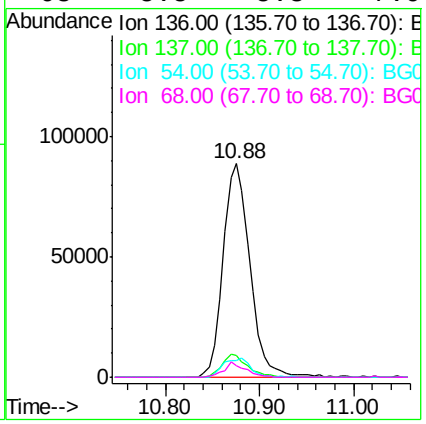
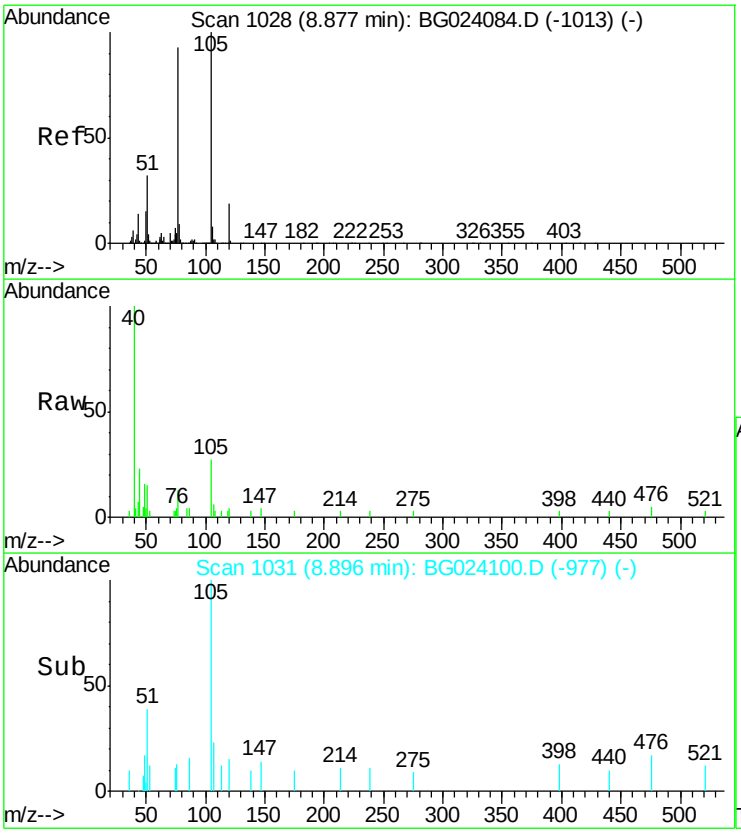
Tgt Ion:136 Resp: 175988

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.6	14.4
54	8.1	7.3	10.9
68	5.5	5.3	7.9

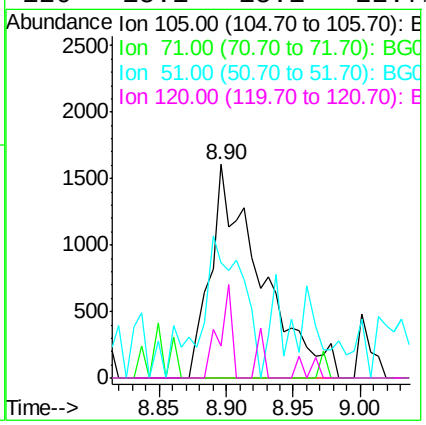


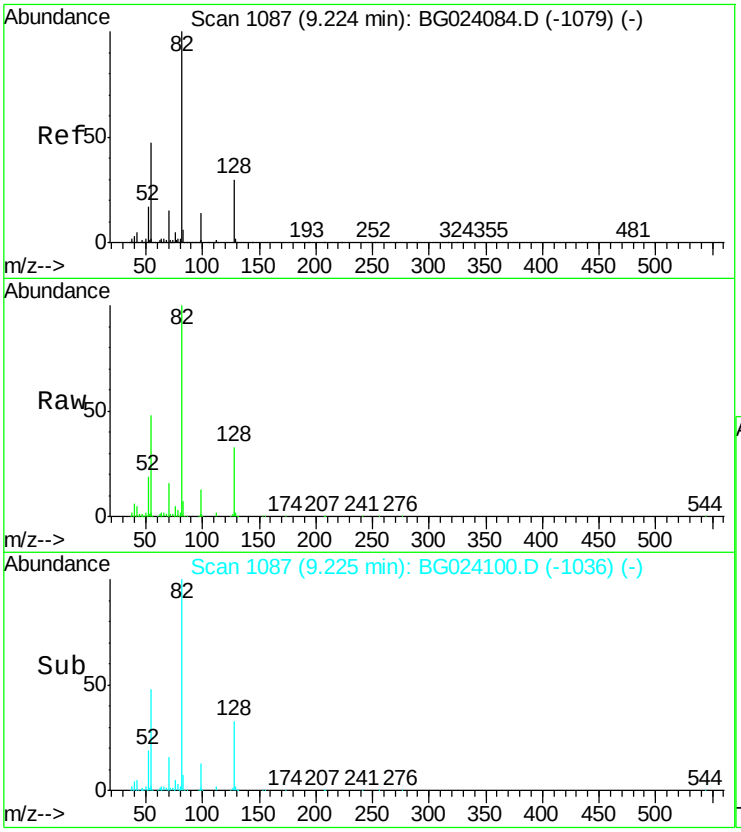


#22
Acetophenone
Concen: 0.83 ng m
RT: 8.90 min Scan# 1031
Delta R.T. 0.02 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:105 Resp: 4198

Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.6	3.8#
51	54.0	27.1	40.7#
120	15.1	15.1	22.7#

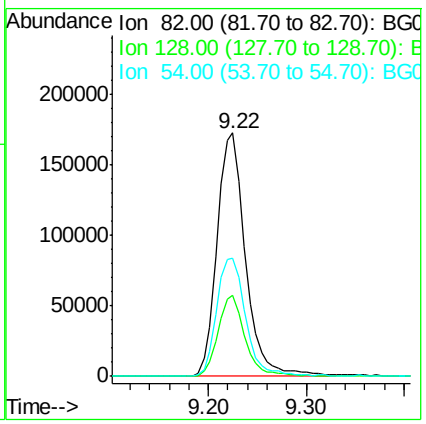




#23
Nitrobenzene-d5
Concen: 77.92 ng
RT: 9.22 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion: 82 Resp: 347946

Ion	Ratio	Lower	Upper
82	100		
128	33.1	24.4	36.6
54	48.5	41.4	62.0



Instrument :
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ClientSampleId :
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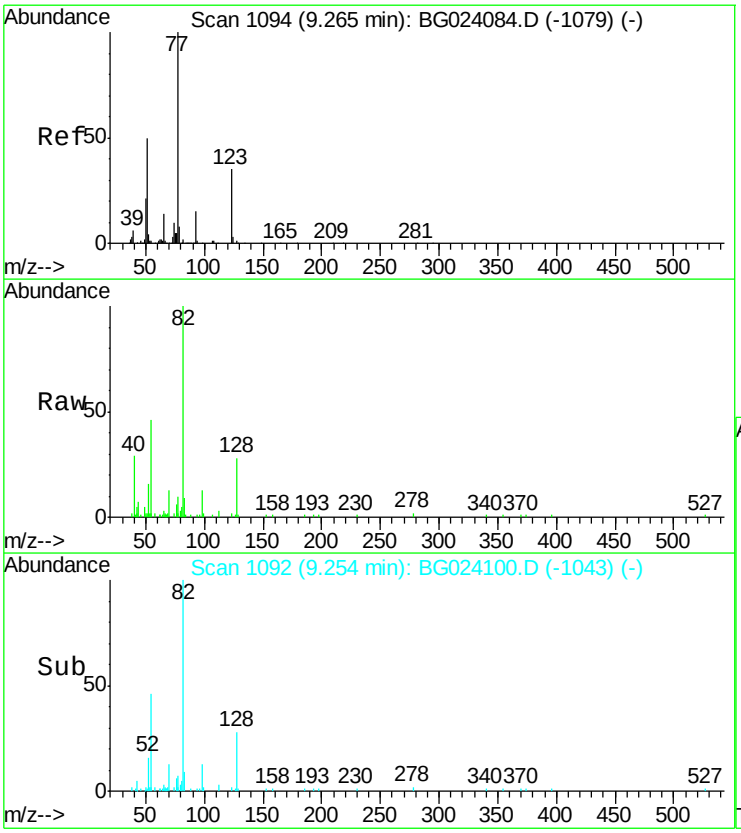
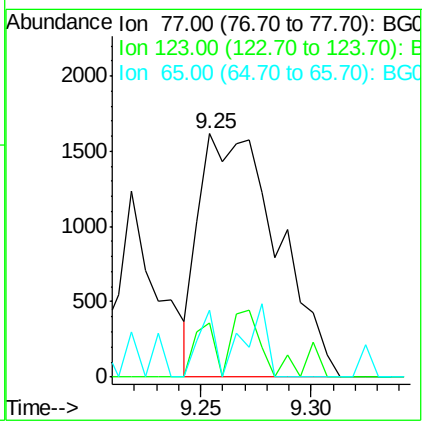
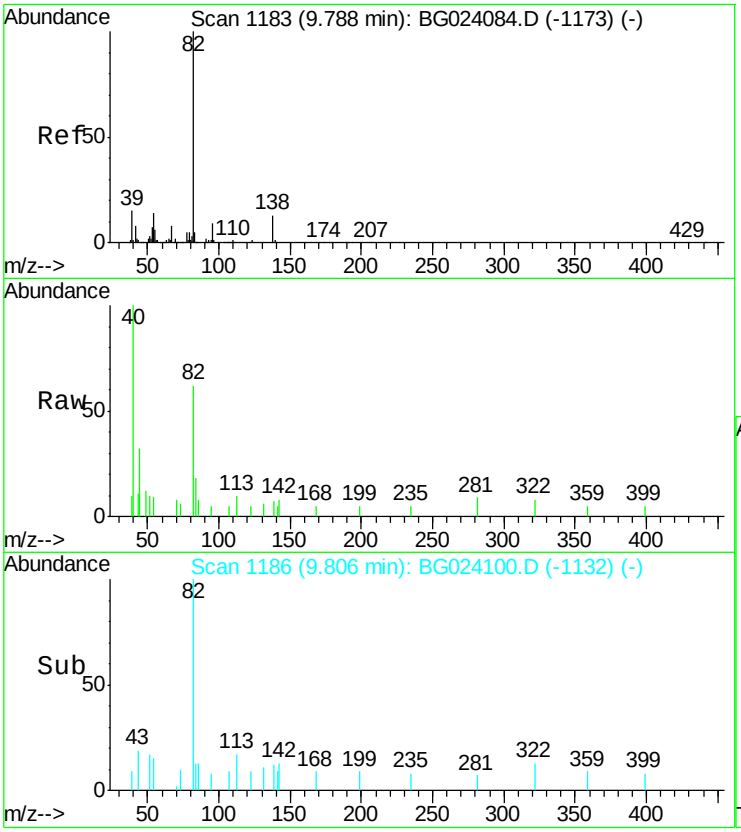


#24
Nitrobenzene
Concen: 0.83 ng m
RT: 9.25 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion: 77 Resp: 3975

Ion	Ratio	Lower	Upper
77	100		
123	22.1	25.0	37.6#
65	27.5	13.4	20.0#





#25
Isophorone
Concen: 0.63 ng
RT: 9.81 min Scan# 1186
Delta R.T. 0.02 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion: 82 Resp: 5773

Ion	Ratio	Lower	Upper
82	100		
95	0.0	8.2	12.2#
138	11.3	10.7	16.1

Instrument :
BNA_G
ClientSampleId :
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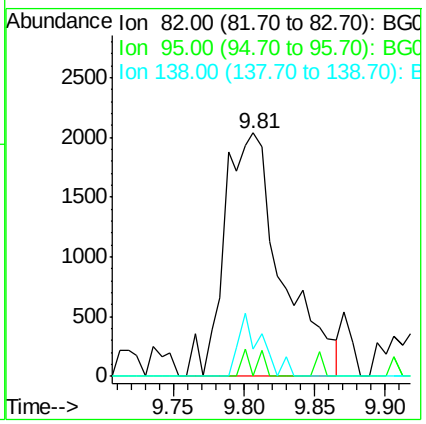
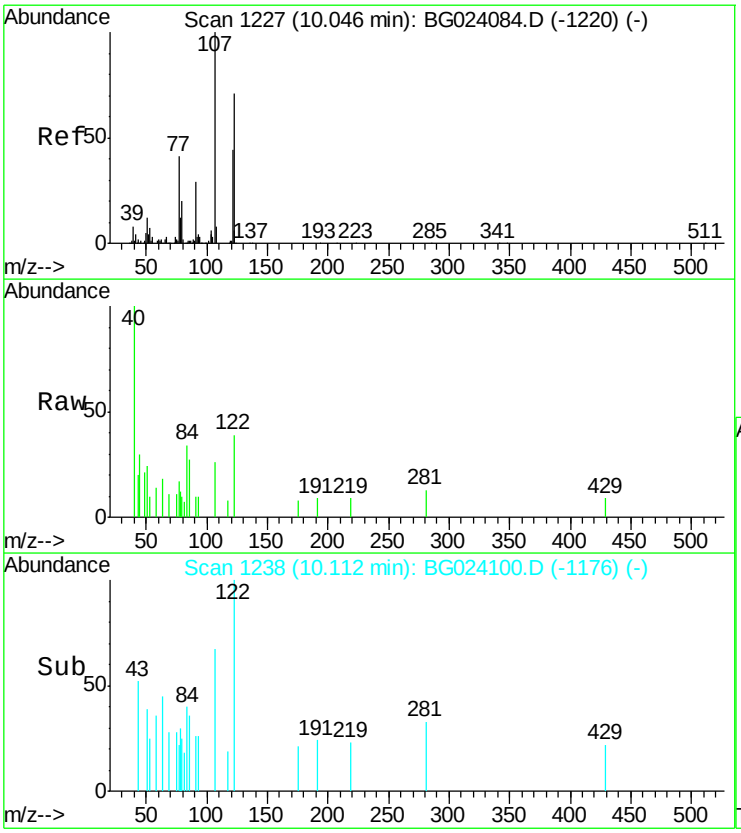
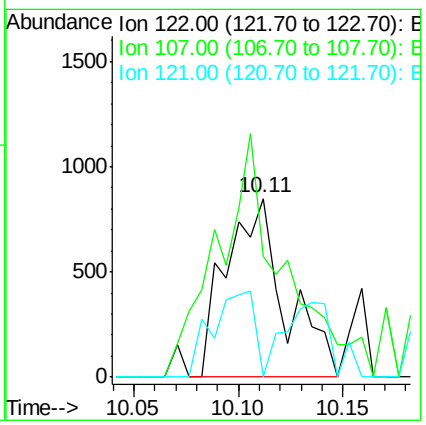


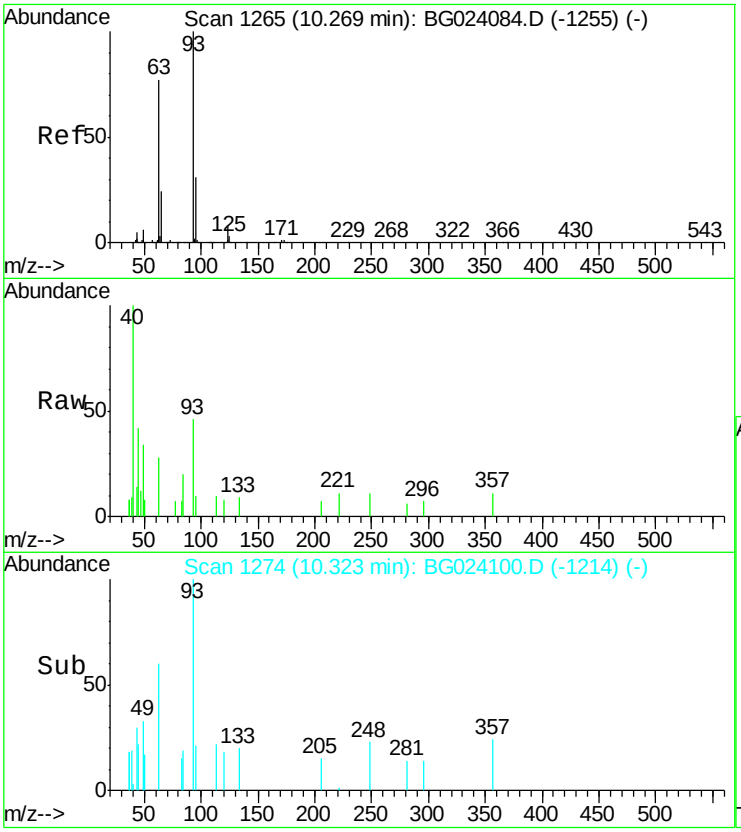


#27
2,4-Dimethylphenol
Concen: 0.59 ng m
RT: 10.11 min Scan# 1238
Delta R.T. 0.07 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:122 Resp: 1662

Ion	Ratio	Lower	Upper
122	100		
107	67.2	117.0	175.4#
121	0.0	50.1	75.1#





#28
bis(2-Chloroethoxy)methane
Concen: 0.69 ng
RT: 10.32 min Scan# 1274
Delta R.T. 0.05 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion: 93 Resp: 3045

Ion	Ratio	Lower	Upper
93	100		
95	21.0	25.4	38.2#
123	0.0	8.2	12.2#

Instrument :
BNA_G
ClientSampleId :
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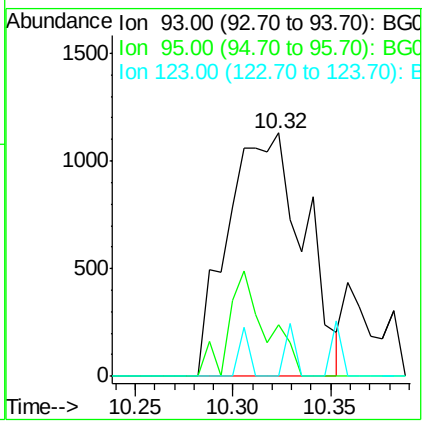
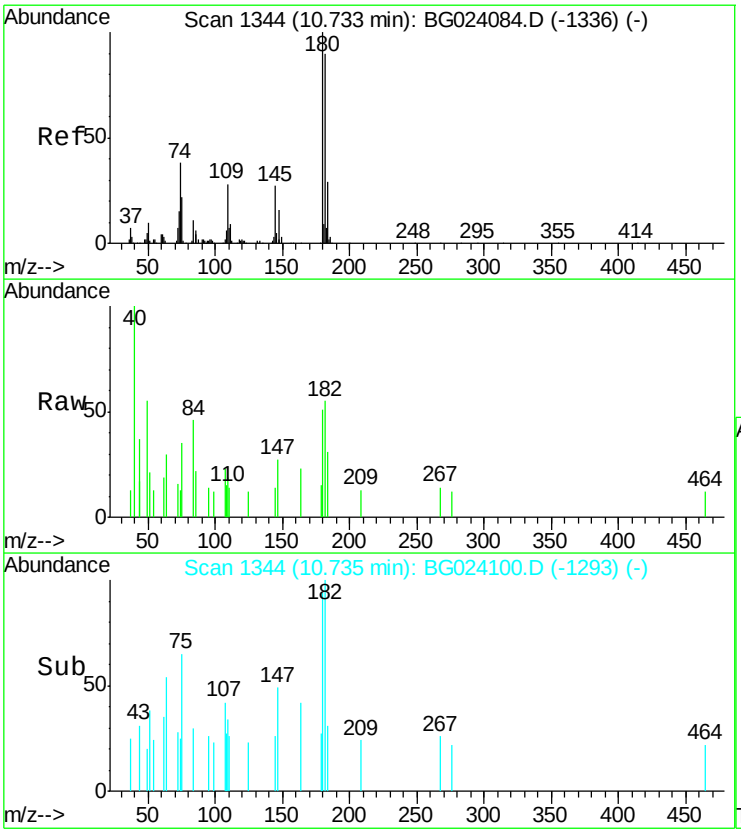
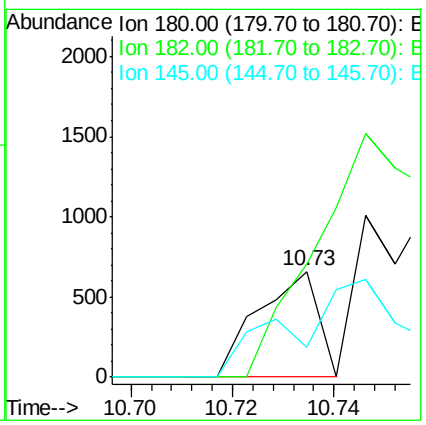


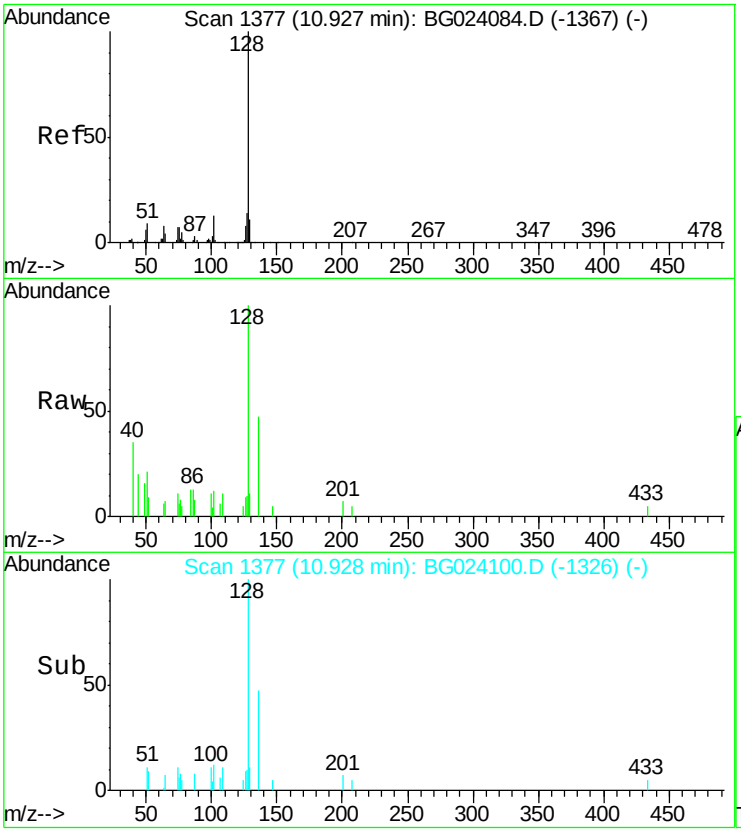


#30
1,2,4-Trichlorobenzene
Concen: 0.17 ng
RT: 10.73 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:180 Resp: 535

Ion	Ratio	Lower	Upper
180	100		
182	106.8	73.8	110.8
145	27.7	24.4	36.6





#31
Naphthalene
Concen: 0.80 ng
RT: 10.93 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:128 Resp: 7151

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.0
127	10.3	11.3	16.9#

Instrument :
BNA_G
ClientSampleId :
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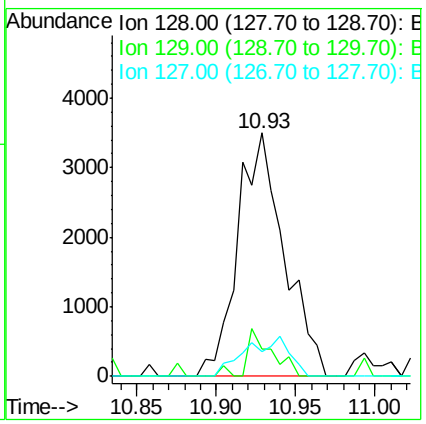
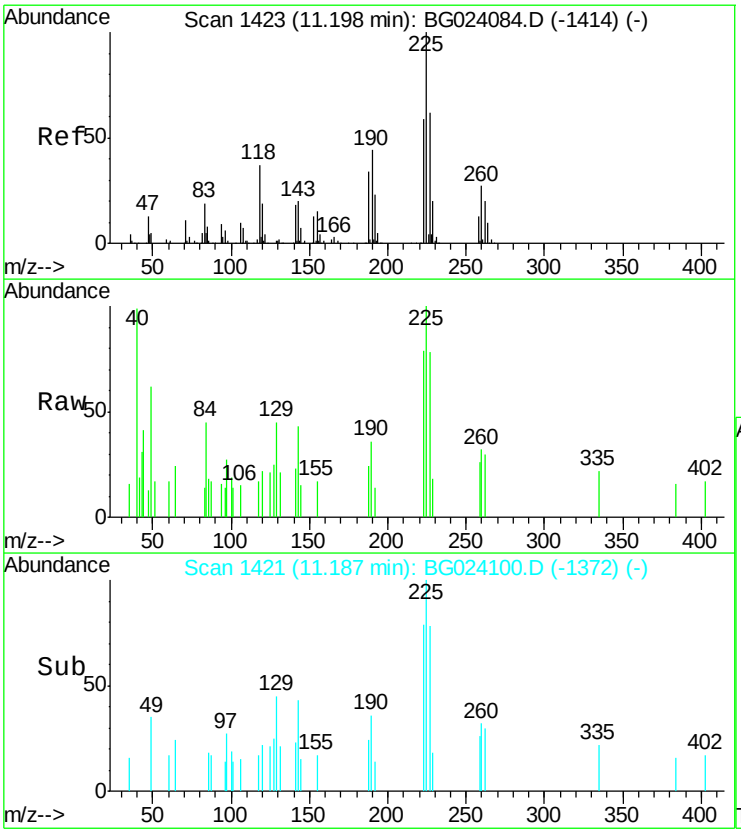
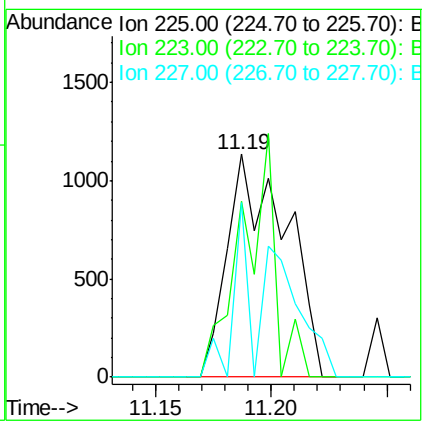


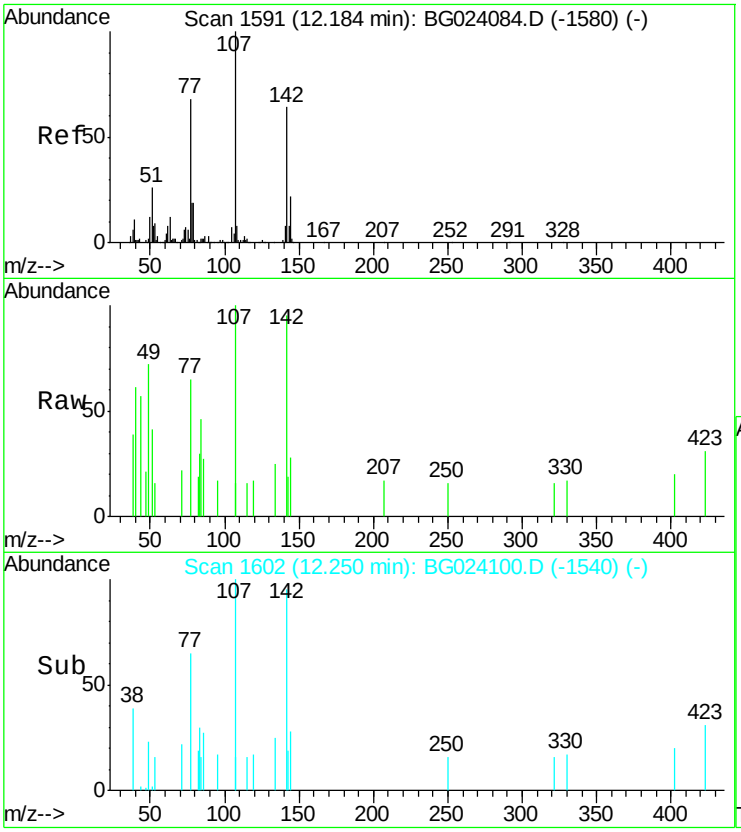


#34
Hexachlorobutadiene
Concen: 0.80 ng
RT: 11.19 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:225 Resp: 2004

Ion	Ratio	Lower	Upper
225	100		
223	79.0	49.6	74.4#
227	78.1	54.5	81.7





#36
4-Chloro-3-methylphenol
Concen: 0.46 ng
RT: 12.25 min Scan# 1602
Delta R.T. 0.07 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:107 Resp: 1918

Ion	Ratio	Lower	Upper
107	100		
144	23.7	17.0	25.6
142	82.2	53.0	79.6#

Instrument :
BNA_G
ClientSampleId :
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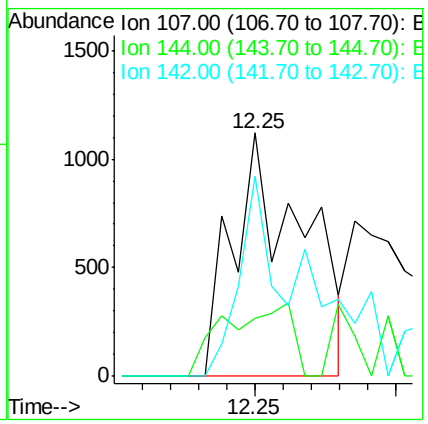
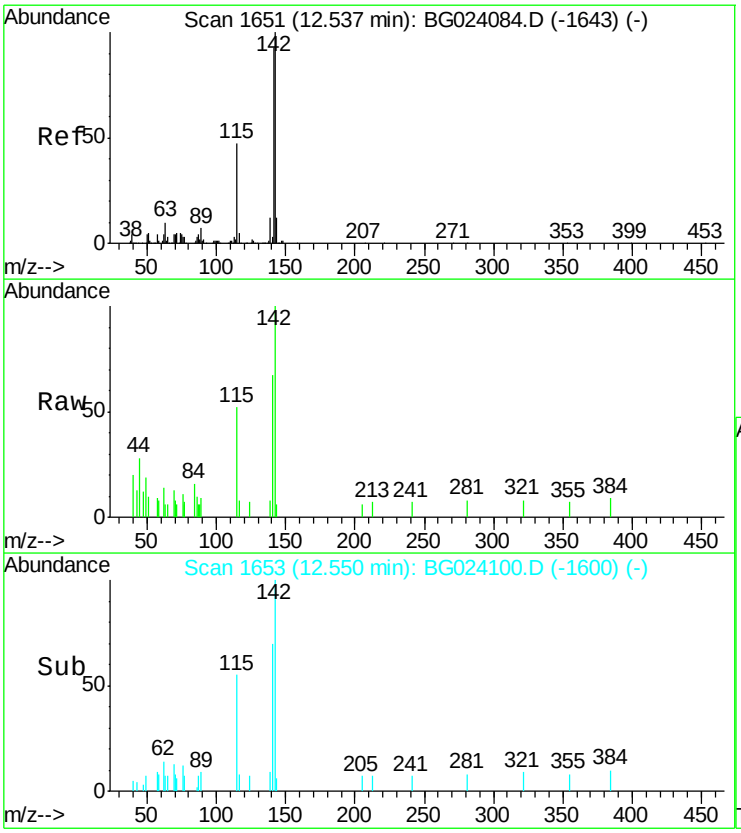
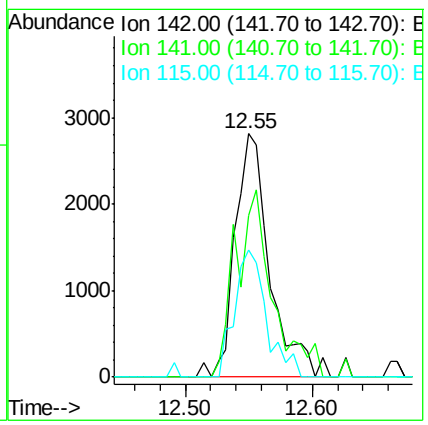


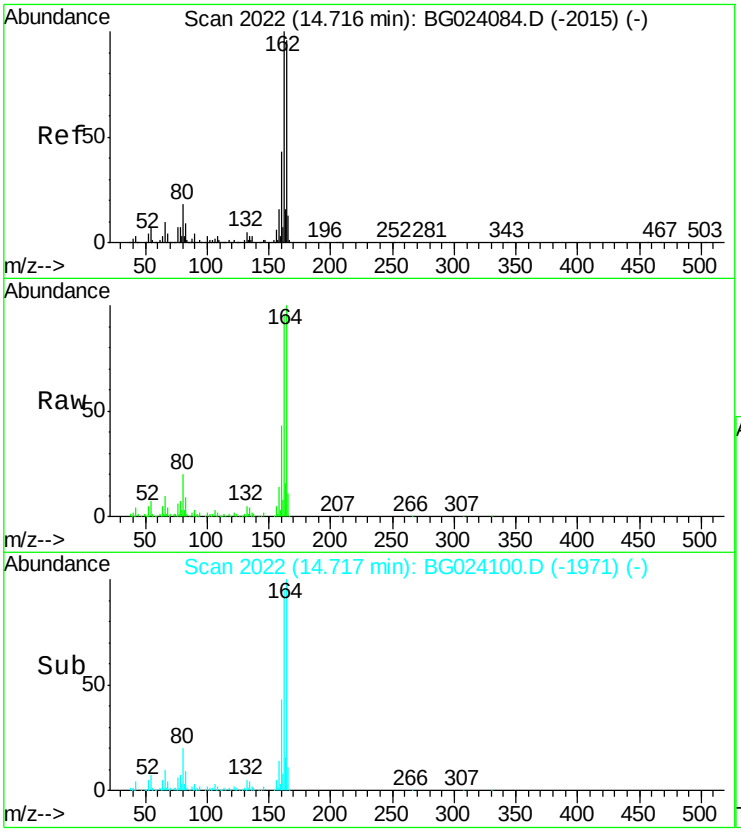


#37
2-Methylnaphthalene
Concen: 0.78 ng
RT: 12.55 min Scan# 1653
Delta R.T. 0.01 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:142 Resp: 5332

Ion	Ratio	Lower	Upper
142	100		
141	66.6	70.2	105.2#
115	52.2	41.7	62.5

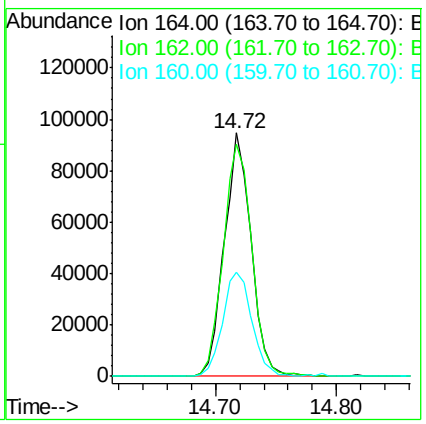




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:164 Resp: 145625

Ion	Ratio	Lower	Upper
164	100		
162	95.5	87.7	131.5
160	42.9	37.2	55.8



Instrument :
BNA_G
ClientSampleId :
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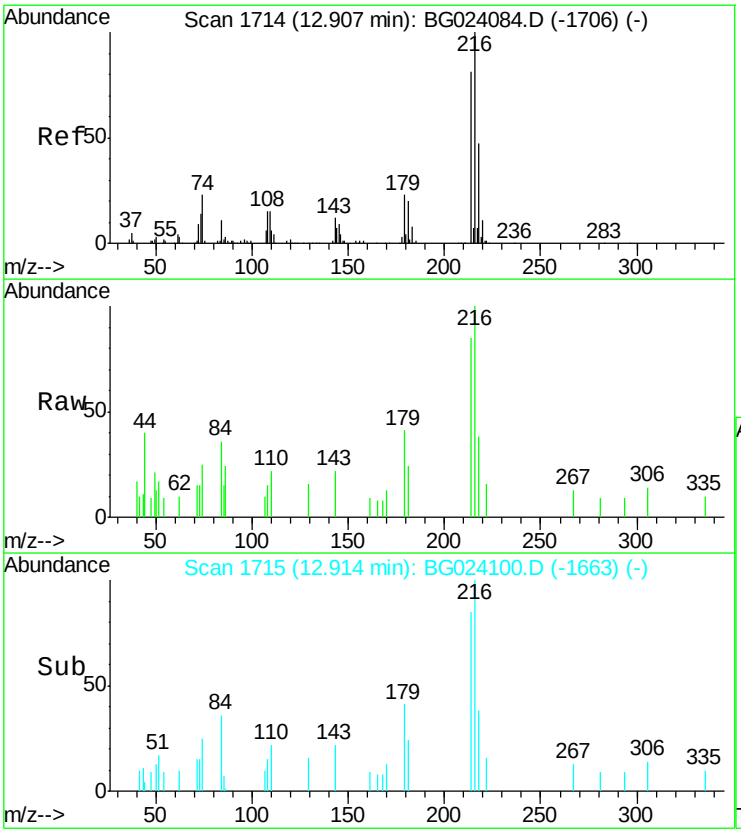
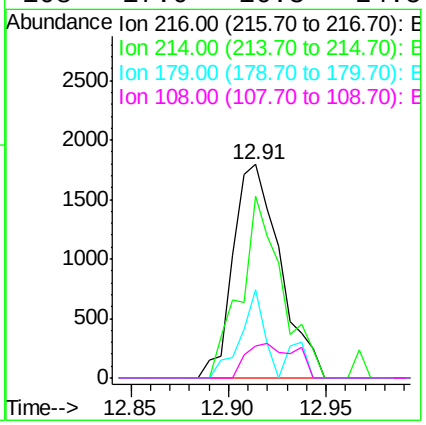
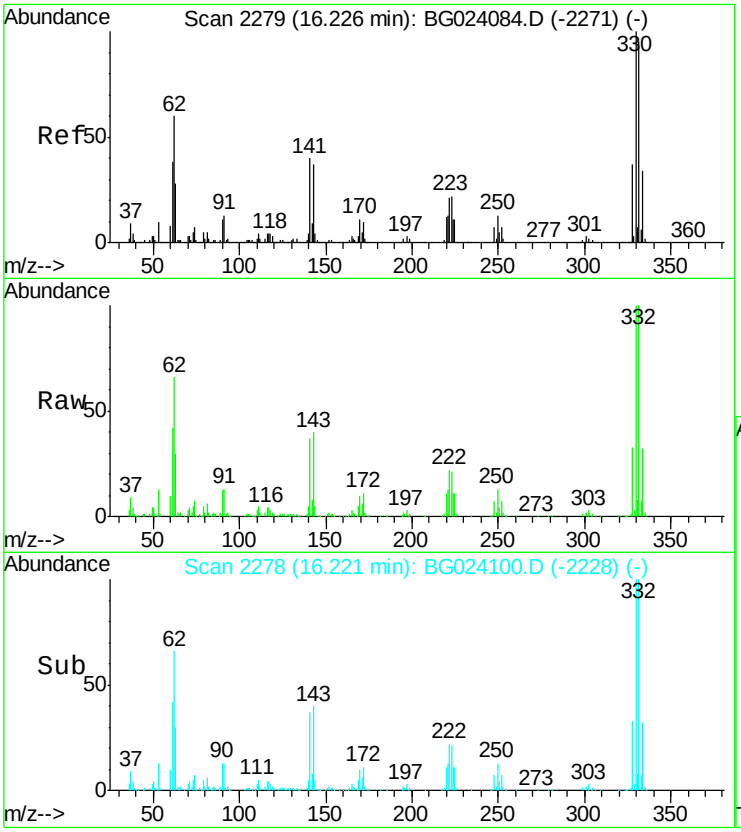


#39
1,2,4,5-Tetrachlorobenzene
Concen: 0.70 ng
RT: 12.91 min Scan# 1715
Delta R.T. 0.01 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:216 Resp: 2995

Ion	Ratio	Lower	Upper
216	100		
214	75.1	62.9	94.3
179	20.7	17.2	25.8
108	17.0	16.3	24.5





#41
2,4,6-Tribromophenol
Concen: 128.25 ng
RT: 16.22 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:330 Resp: 268447

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	42.3	31.7	47.5

Instrument :
BNA_G
ClientSampleId :
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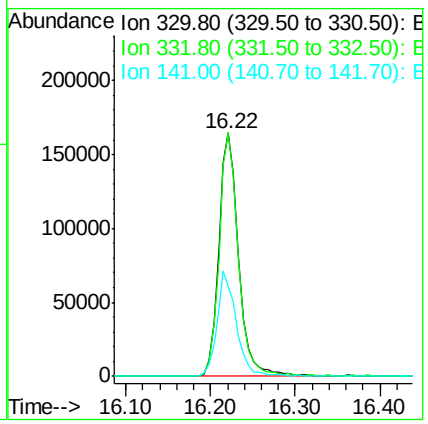
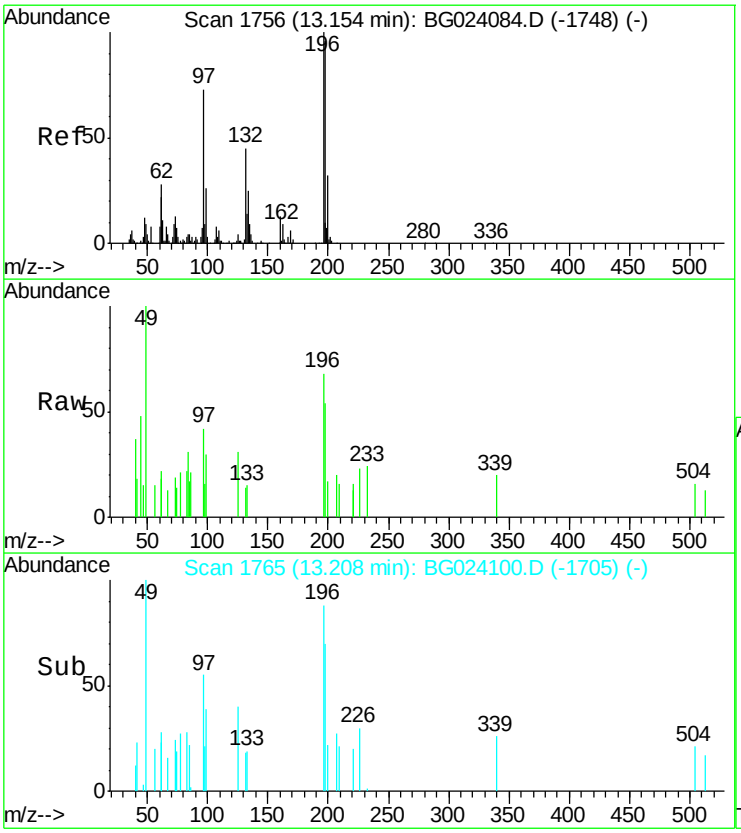
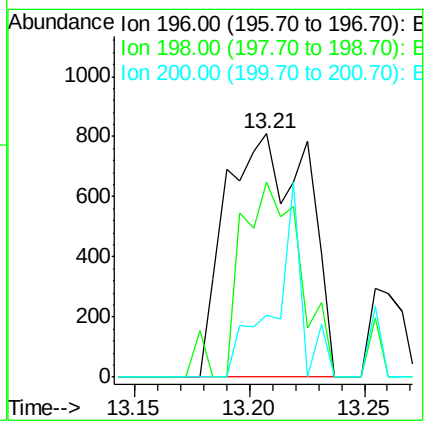


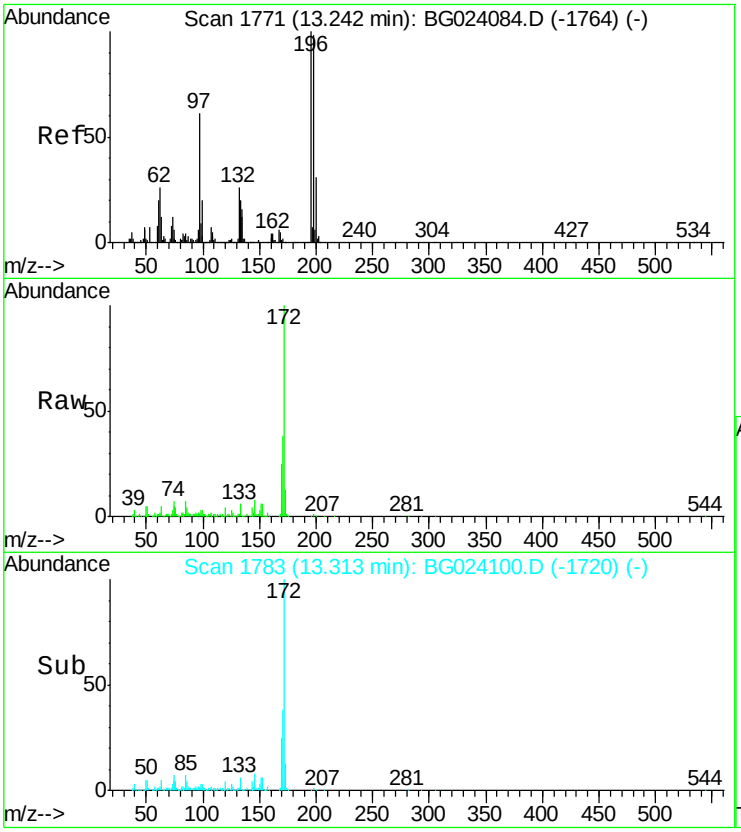


#42
2,4,6-Trichlorophenol
Concen: 0.72 ng m
RT: 13.21 min Scan# 1765
Delta R.T. 0.05 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:196 Resp: 1993

Ion	Ratio	Lower	Upper
196	100		
198	80.2	78.2	117.2
200	25.6	27.0	40.4#

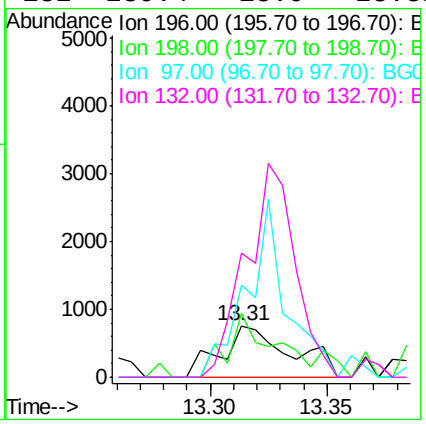




#43
2,4,5-Trichlorophenol
Concen: 0.55 ng m
RT: 13.31 min Scan# 1783
Delta R.T. 0.07 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:196 Resp: 1568

Ion	Ratio	Lower	Upper
196	100		
198	123.7	85.7	128.5
97	176.7	45.5	68.3#
132	239.4	18.9	28.3#



Instrument :
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ClientSampleId :
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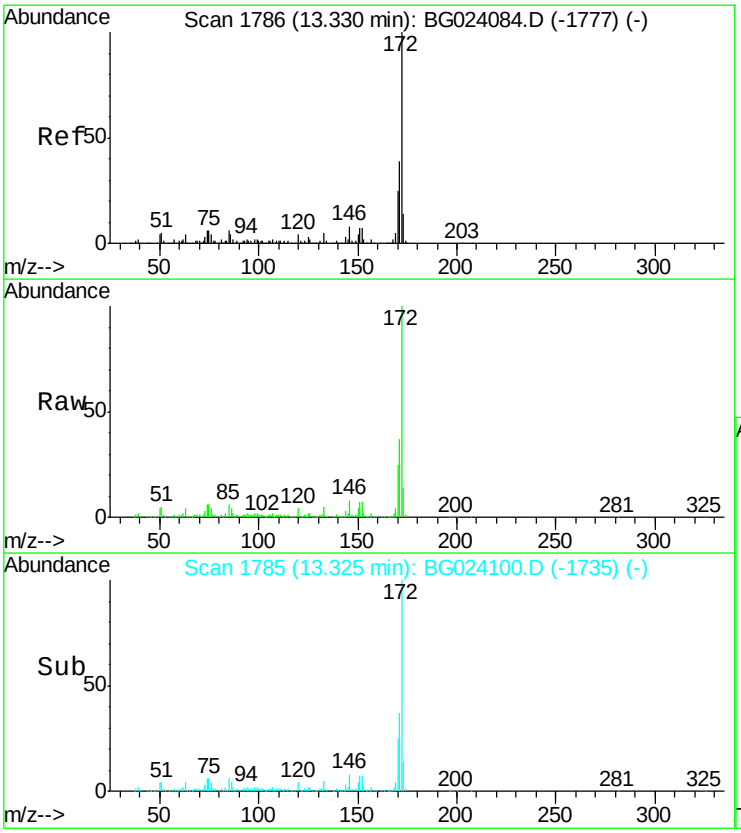
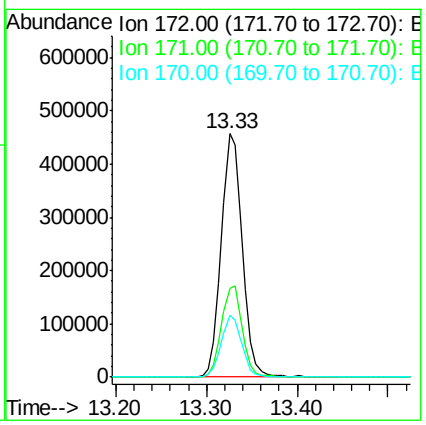
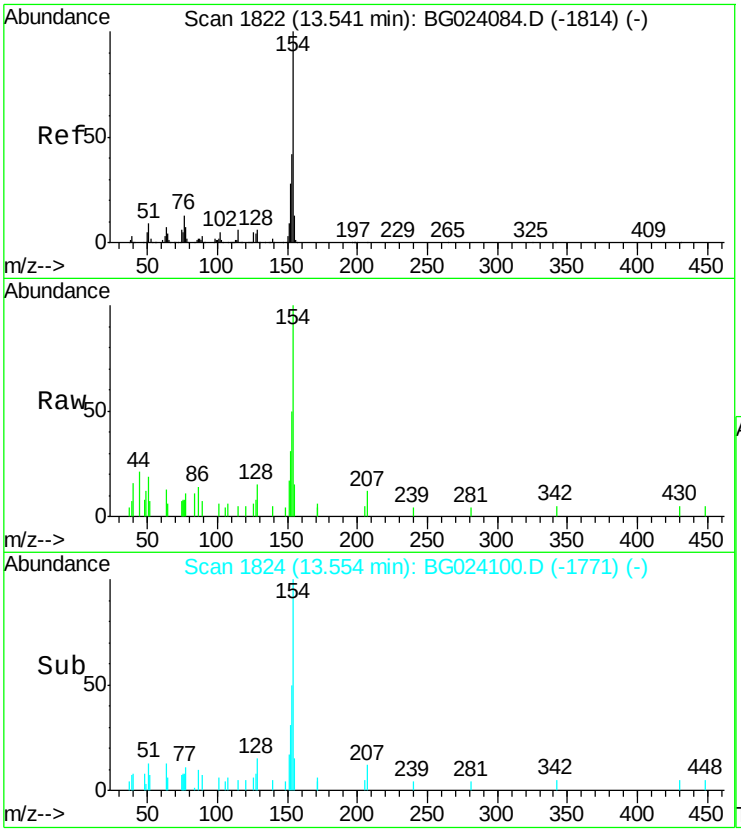


#44
2-Fluorobiphenyl
Concen: 84.52 ng
RT: 13.33 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:172 Resp: 732217

Ion	Ratio	Lower	Upper
172	100		
171	36.7	31.6	47.4
170	25.3	21.3	31.9

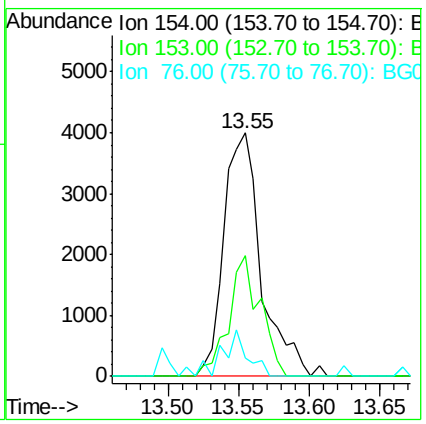




#45
1,1'-Biphenyl
Concen: 0.74 ng
RT: 13.55 min Scan# 1824
Delta R.T. 0.01 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:154 Resp: 7394

Ion	Ratio	Lower	Upper
154	100		
153	49.6	20.2	60.2
76	7.6	0.0	32.9



Instrument :
BNA_G
ClientSampleId :
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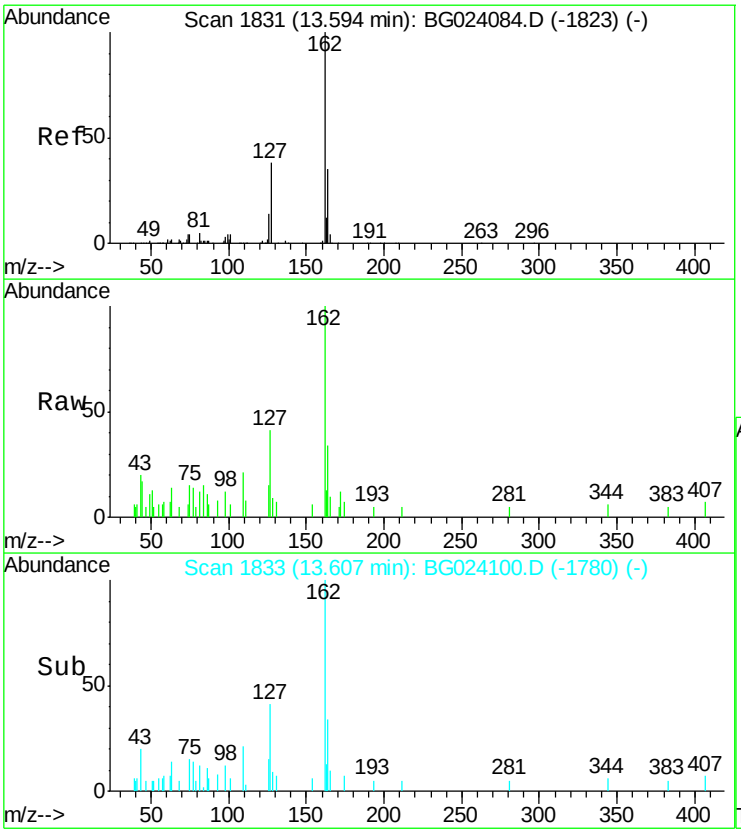
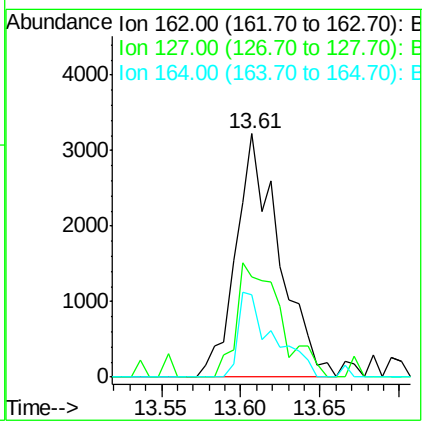
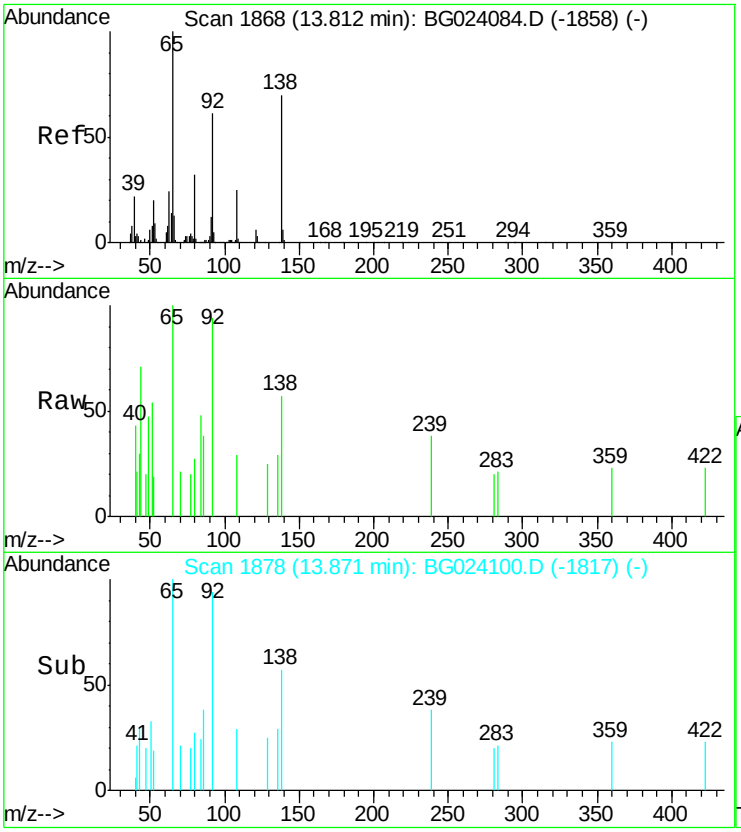


#46
2-Chloronaphthalene
Concen: 0.82 ng
RT: 13.61 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:162 Resp: 6089

Ion	Ratio	Lower	Upper
162	100		
127	41.0	32.4	48.6
164	34.0	25.2	37.8





#47
2-Nitroaniline
Concen: 0.37 ng m
RT: 13.87 min Scan# 1878
Delta R.T. 0.06 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion: 65 Resp: 1282

Ion	Ratio	Lower	Upper
65	100		
92	94.3	49.4	74.0#
138	57.4	58.0	87.0#

Instrument :
BNA_G
ClientSampleId :
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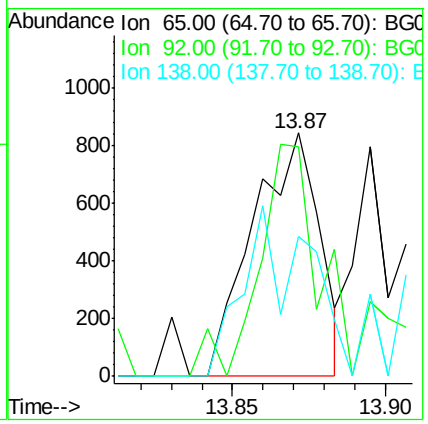
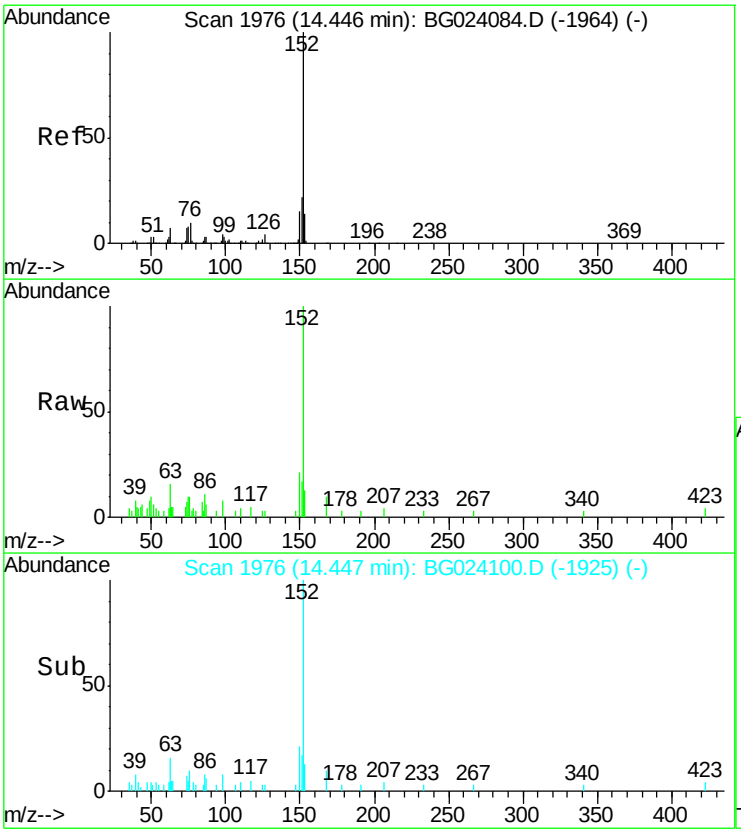
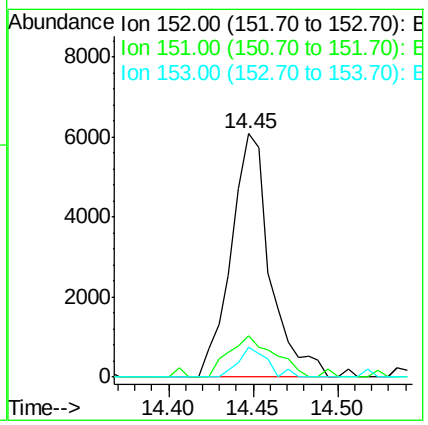


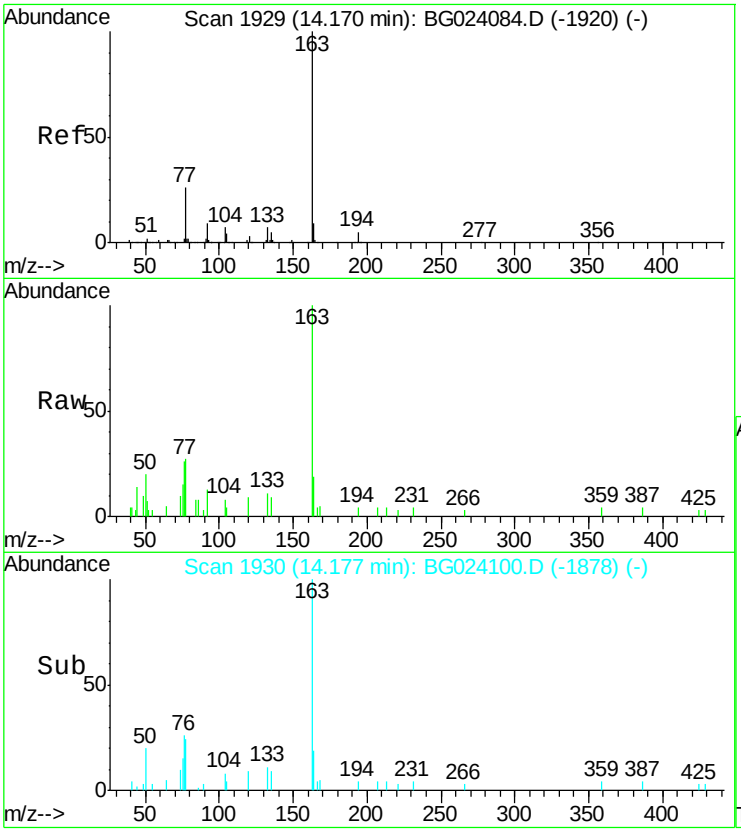


#48
Acenaphthylene
Concen: 0.77 ng
RT: 14.45 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:152 Resp: 9767

Ion	Ratio	Lower	Upper
152	100		
151	17.1	17.6	26.4#
153	12.5	11.4	17.2





#49
Dimethylphthalate
Concen: 0.82 ng
RT: 14.18 min Scan# 1930
Delta R.T. 0.01 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:163 Resp: 9111

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	18.9	8.1	12.1#

Instrument :
BNA_G
ClientSampleId :
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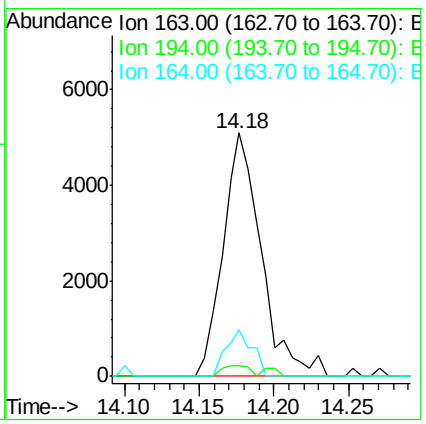
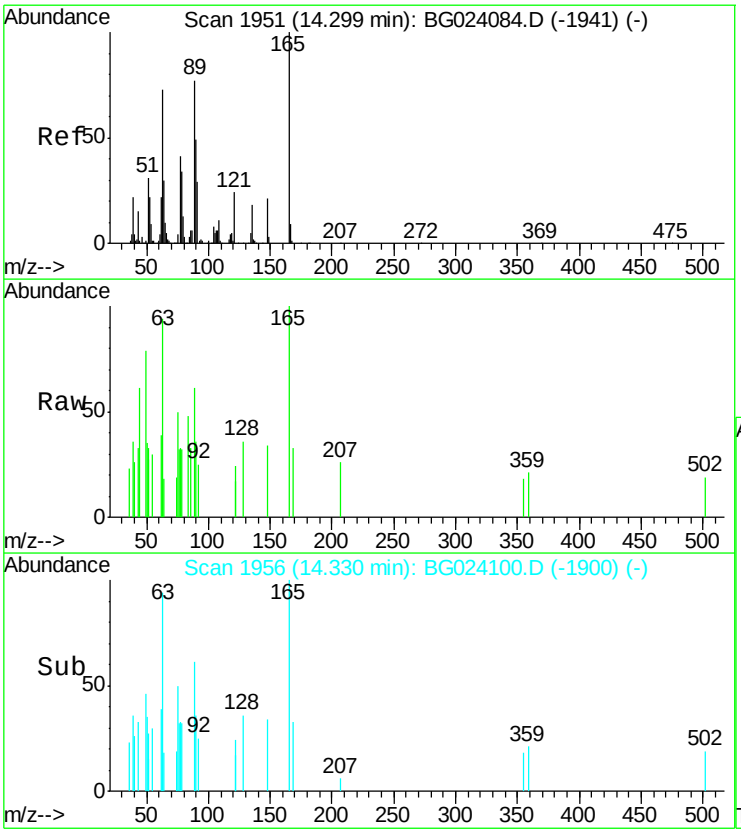
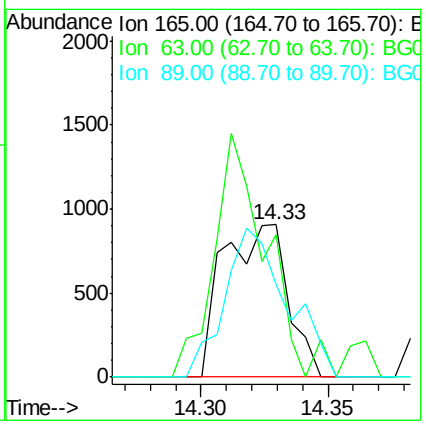


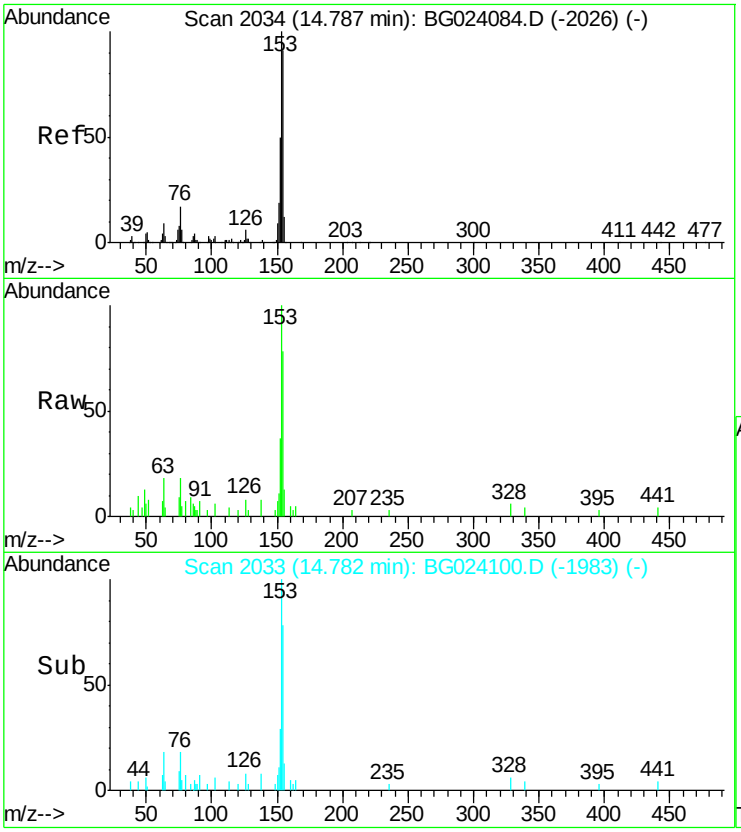


#50
2,6-Dinitrotoluene
Concen: 0.69 ng
RT: 14.33 min Scan# 1956
Delta R.T. 0.03 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:165 Resp: 1620

Ion	Ratio	Lower	Upper
165	100		
63	93.6	64.3	96.5
89	61.1	64.3	96.5#

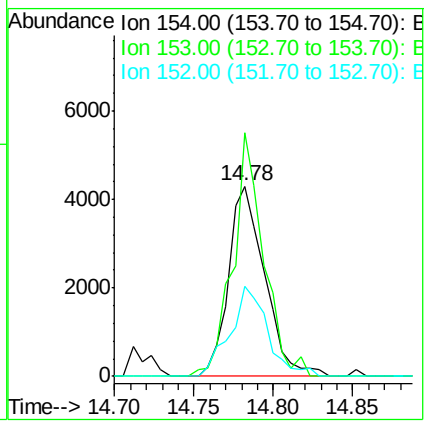




#51
Acenaphthene
Concen: 0.89 ng
RT: 14.78 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:154 Resp: 6808

Ion	Ratio	Lower	Upper
154	100		
153	128.0	87.5	131.3
152	47.4	42.7	64.1



Instrument :
BNA_G
ClientSampleId :
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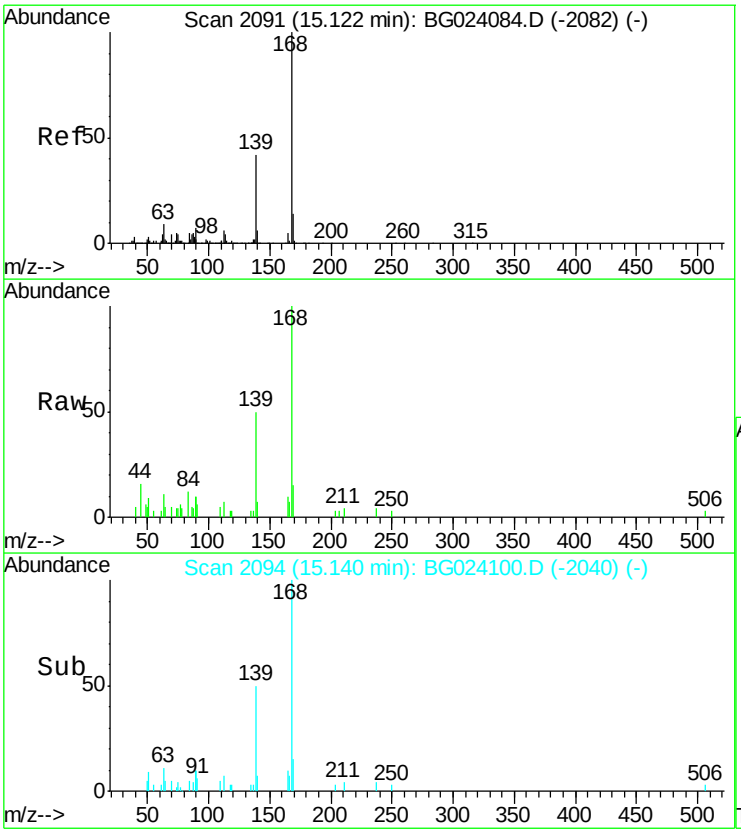
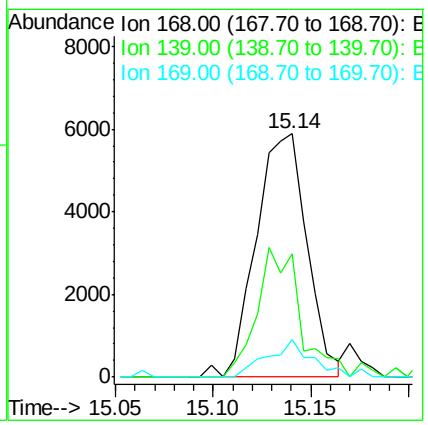
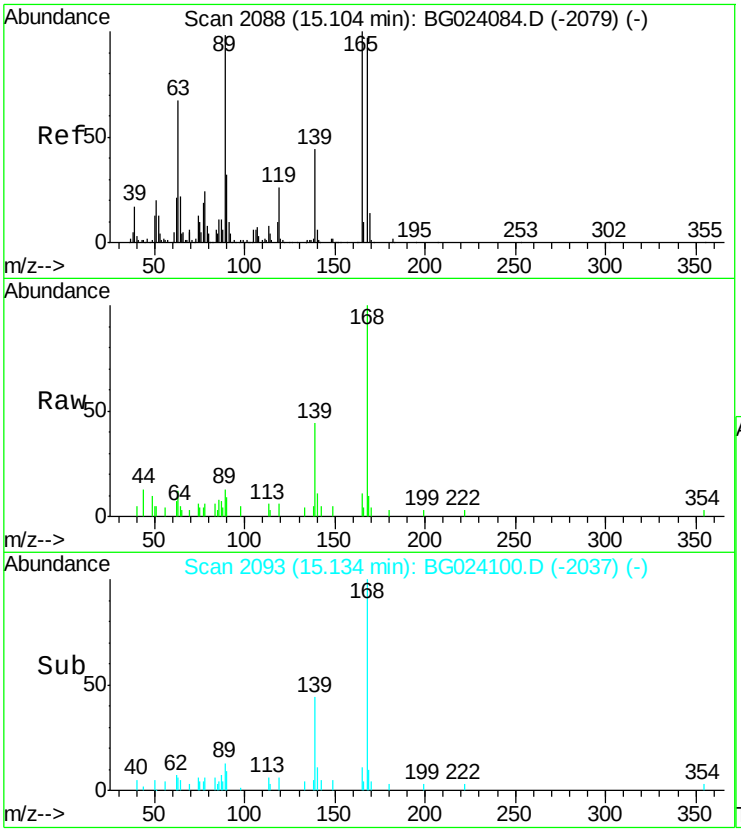


#54
Dibenzofuran
Concen: 0.89 ng
RT: 15.14 min Scan# 2094
Delta R.T. 0.02 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:168 Resp: 10600

Ion	Ratio	Lower	Upper
168	100		
139	50.4	36.4	54.6
169	15.4	11.9	17.9

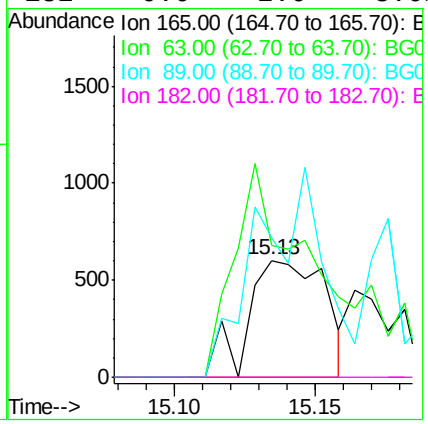




#56
2,4-Dinitrotoluene
Concen: 0.32 ng
RT: 15.13 min Scan# 2093
Delta R.T. 0.03 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:165 Resp: 1151

Ion	Ratio	Lower	Upper
165	100		
63	113.3	45.8	68.6#
89	119.1	68.6	102.8#
182	0.0	2.0	3.0#



Instrument :
BNA_G
ClientSampleId :
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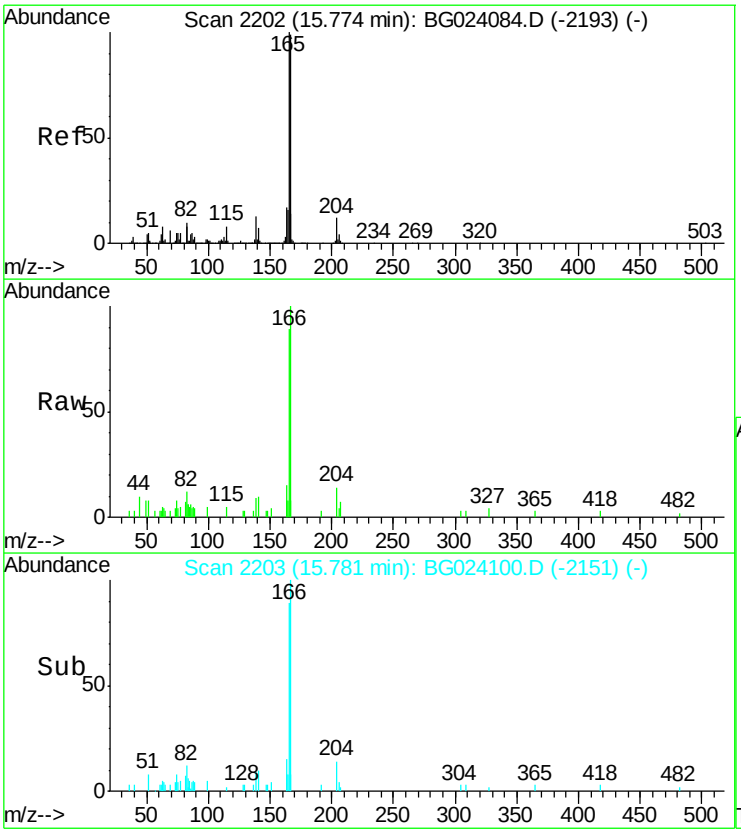
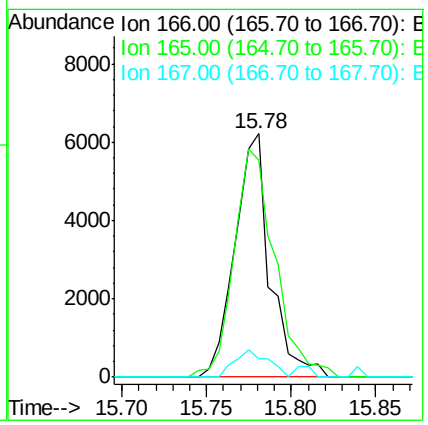
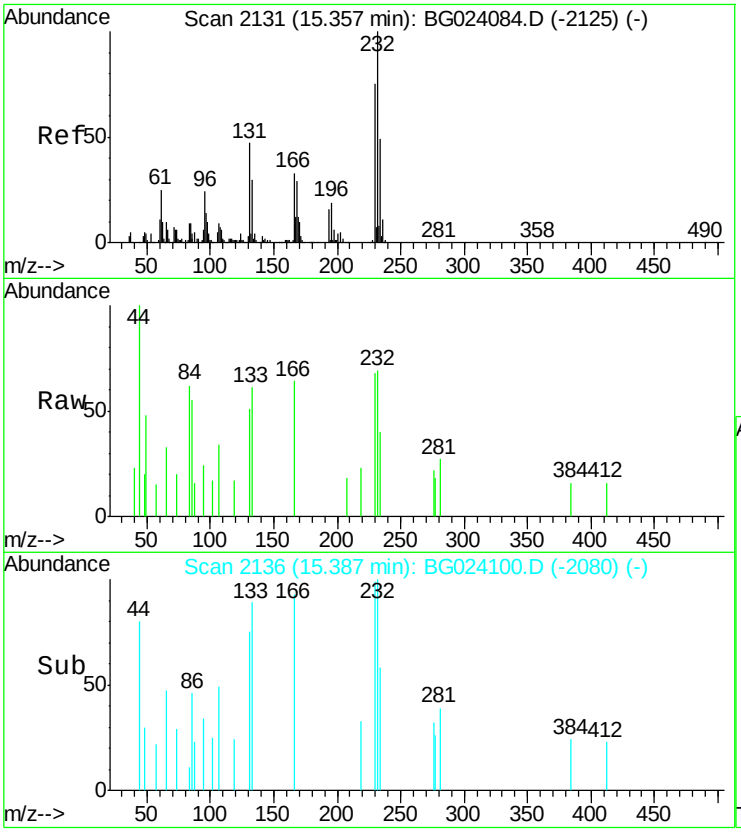


#57
Fluorene
Concen: 0.86 ng
RT: 15.78 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:166 Resp: 8946

Ion	Ratio	Lower	Upper
166	100		
165	89.0	81.0	121.6
167	7.6	12.0	18.0#

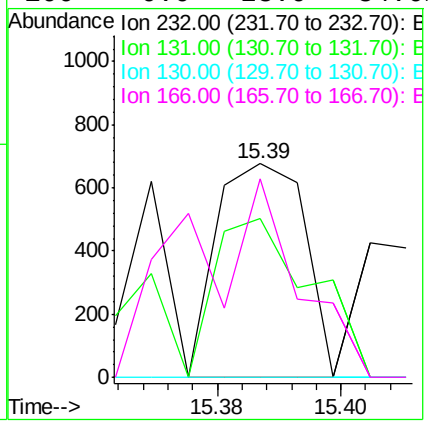




#58
2,3,4,6-Tetrachlorophenol
Concen: 0.25 ng m
RT: 15.39 min Scan# 2136
Delta R.T. 0.03 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:232 Resp: 671

Ion	Ratio	Lower	Upper
232	100		
131	0.0	32.7	49.1#
130	0.0	2.6	3.8#
166	0.0	23.0	34.6#



Instrument :
BNA_G
ClientSampleId :
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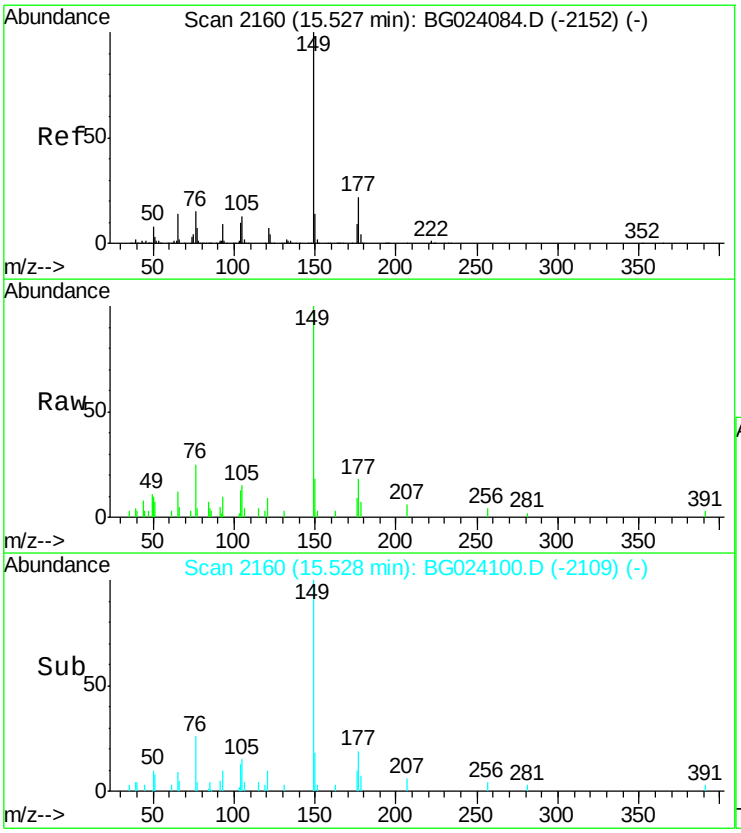
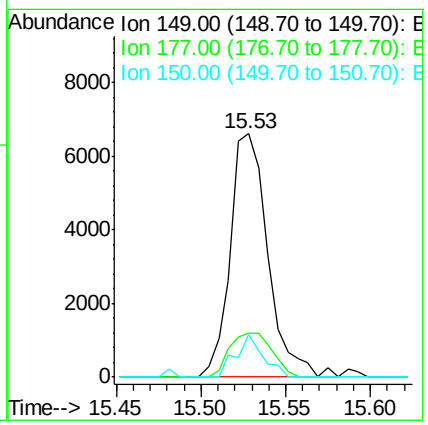
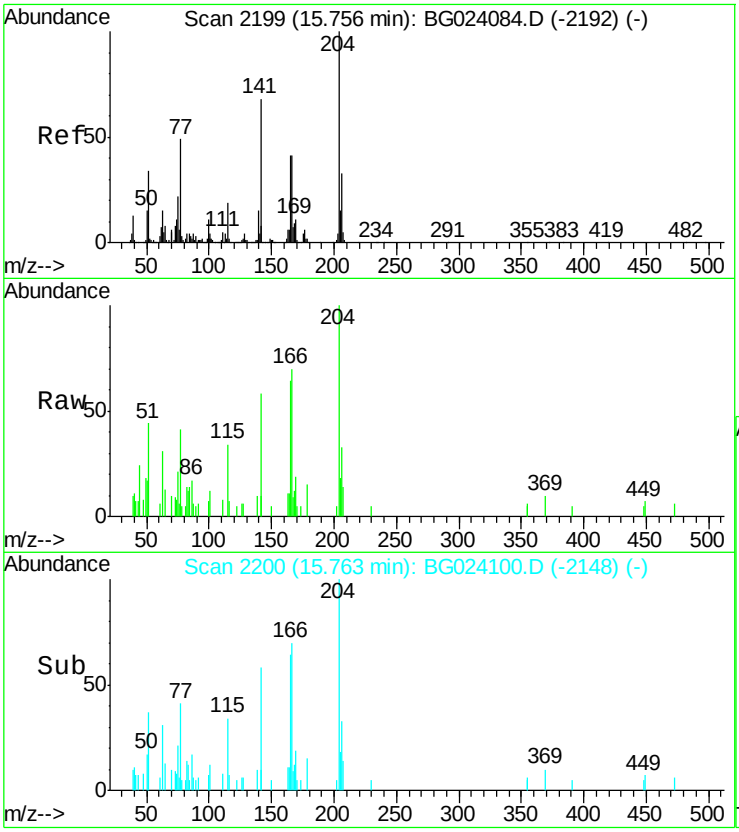


#59
Diethylphthalate
Concen: 0.85 ng
RT: 15.53 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:149 Resp: 10255

Ion	Ratio	Lower	Upper
149	100		
177	18.2	19.2	28.8#
150	17.5	10.6	16.0#

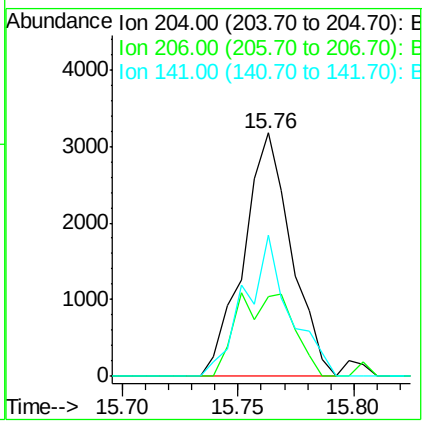




#60
4-Chlorophenyl-phenylether
Concen: 0.82 ng
RT: 15.76 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:204 Resp: 4574

Ion	Ratio	Lower	Upper
204	100		
206	32.6	28.5	42.7
141	58.1	51.4	77.0



Instrument :
BNA_G
ClientSampleId :
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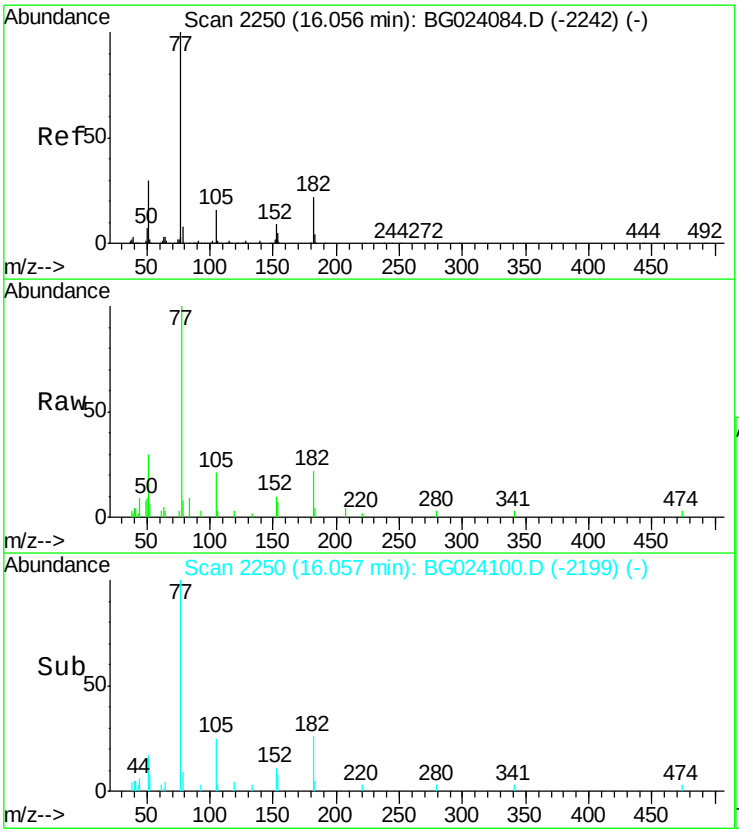
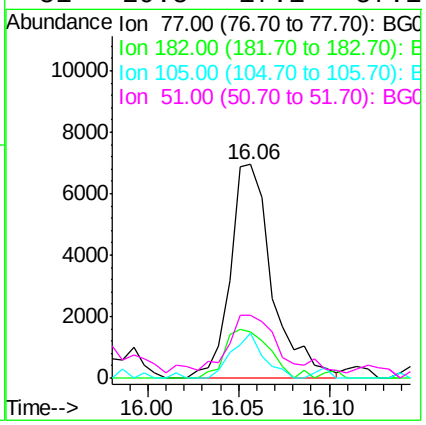
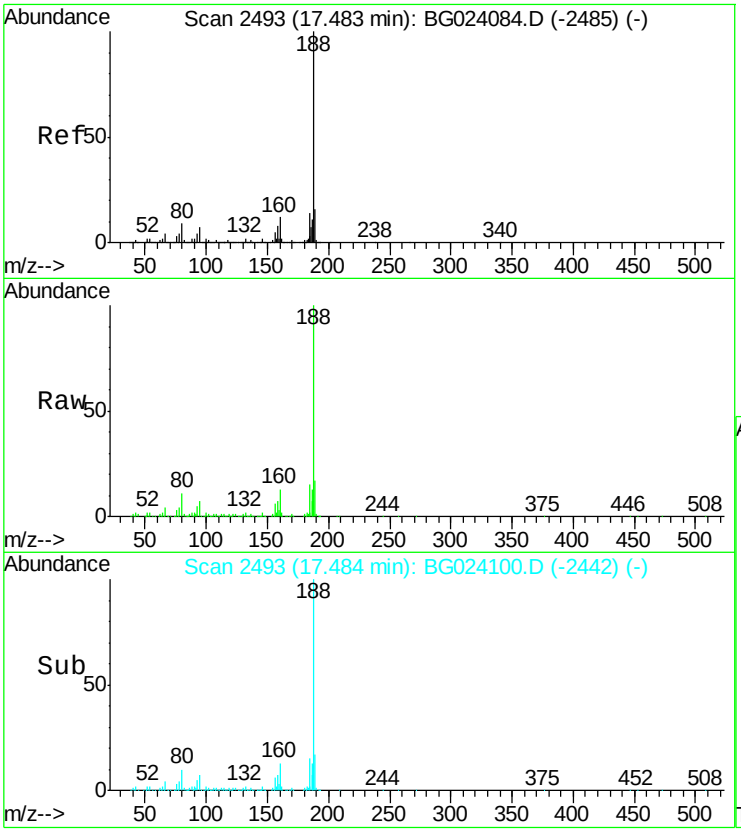


#62
Azobenzene
Concen: 0.91 ng
RT: 16.06 min Scan# 2250
Delta R.T. 0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion: 77 Resp: 11136

Ion	Ratio	Lower	Upper
77	100		
182	21.6	3.5	43.5
105	21.2	0.0	38.5
51	29.5	17.1	57.1

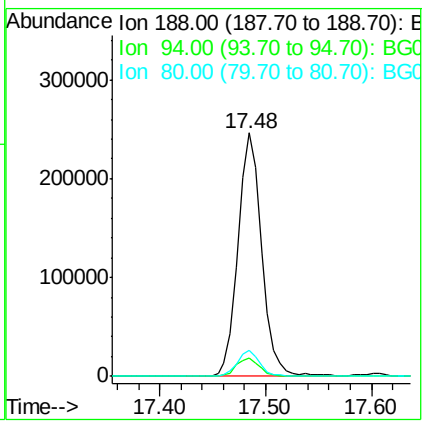




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2493
Delta R.T. 0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:188 Resp: 379979

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.2	7.8
80	10.5	7.2	10.8



Instrument :
BNA_G
ClientSampleId :
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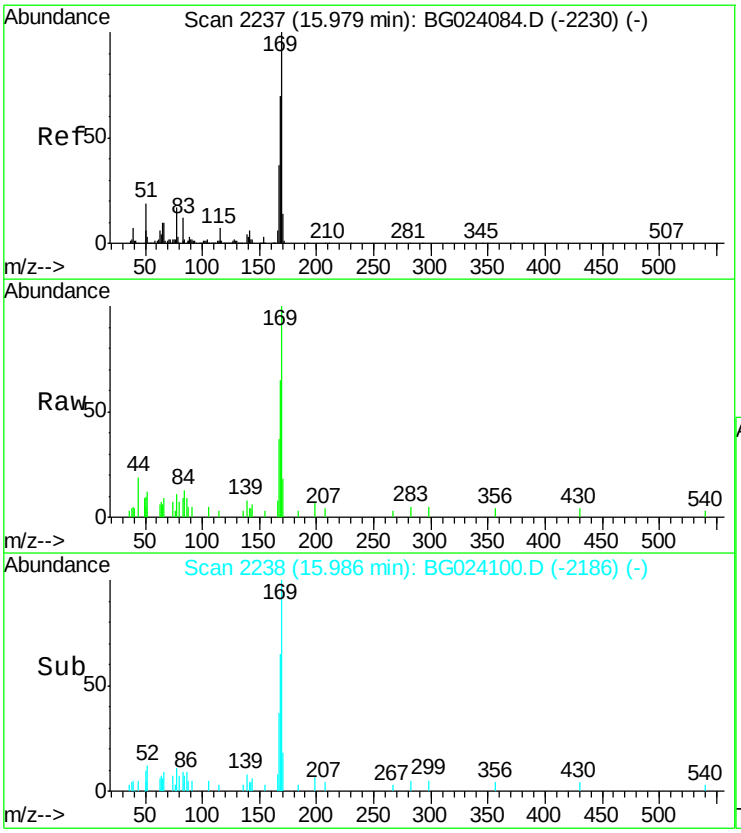
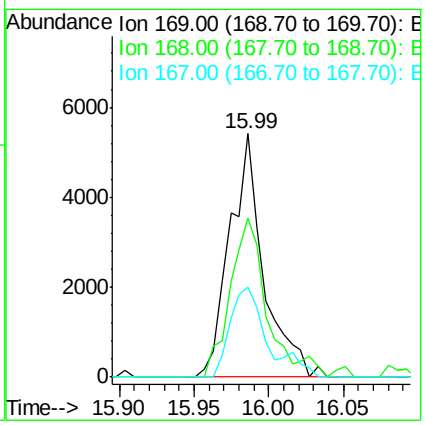
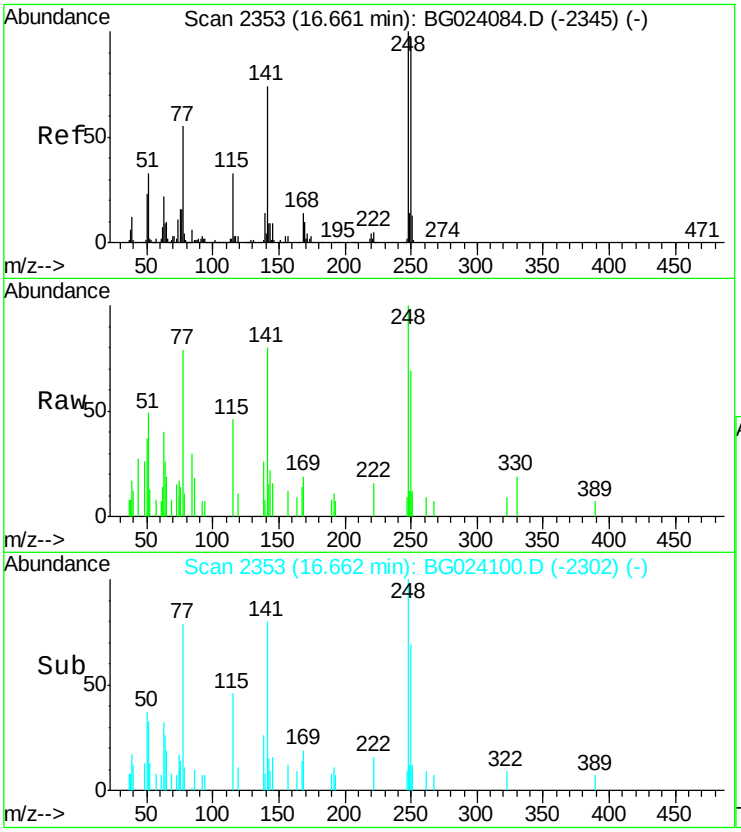


#65
n-Nitrosodiphenylamine
Concen: 0.83 ng
RT: 15.99 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:169 Resp: 8579

Ion	Ratio	Lower	Upper
169	100		
168	65.2	55.0	82.4
167	36.9	27.4	41.0

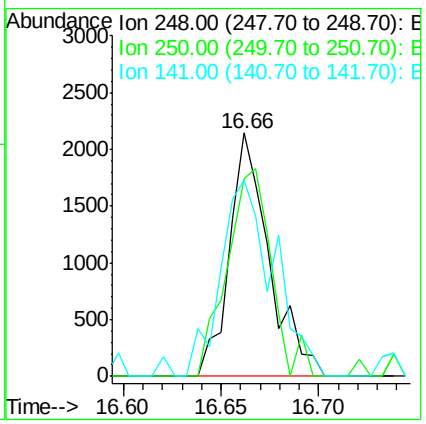




#66
4-Bromophenyl-phenylether
Concen: 0.68 ng
RT: 16.66 min Scan# 2353
Delta R.T. 0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:248 Resp: 3010

Ion	Ratio	Lower	Upper
248	100		
250	81.3	77.8	116.8
141	80.4	65.7	98.5



Instrument :
BNA_G
ClientSampleId :
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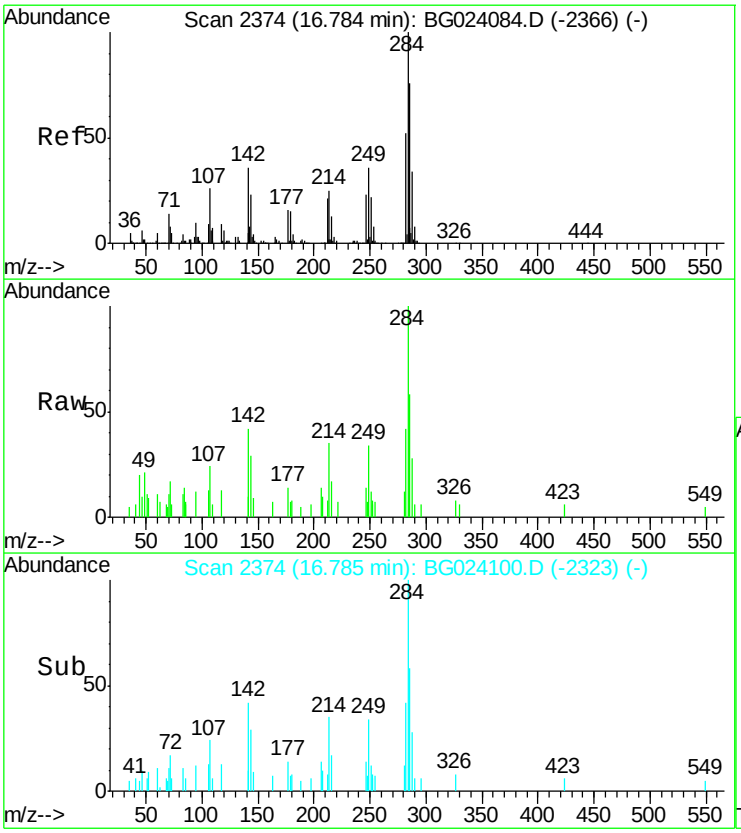
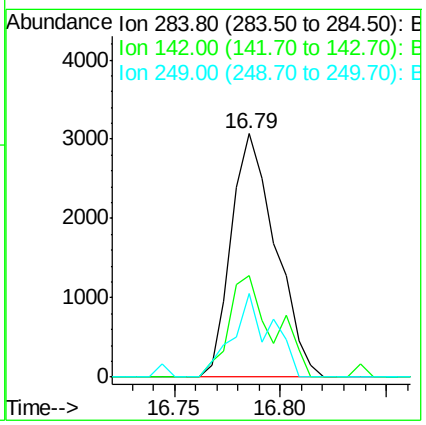
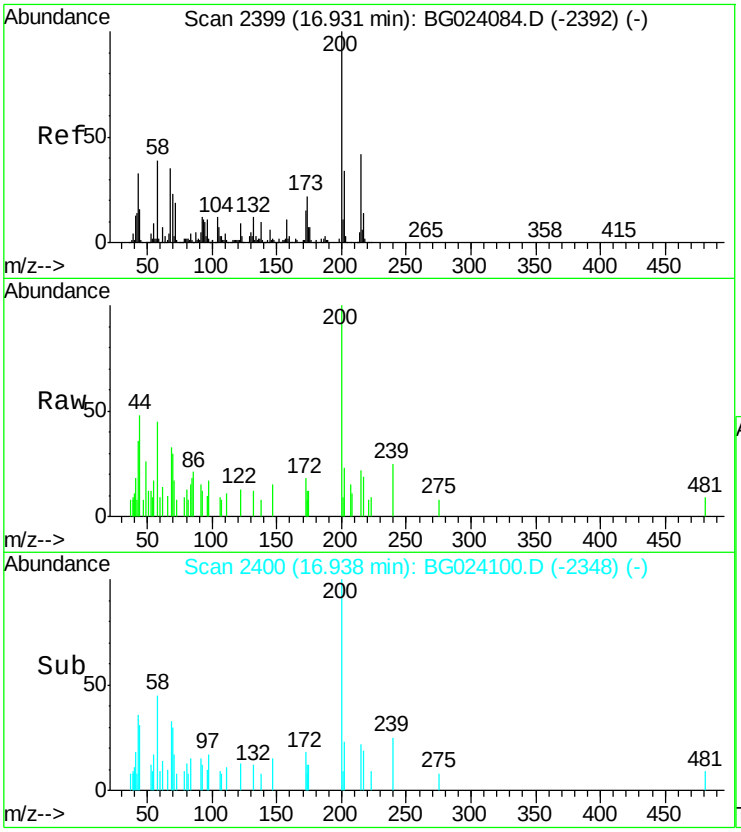


#67
Hexachlorobenzene
Concen: 0.90 ng
RT: 16.79 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:284 Resp: 4464

Ion	Ratio	Lower	Upper
284	100		
142	41.6	26.8	40.2#
249	34.3	28.9	43.3





#68
Atrazine
Concen: 0.80 ng
RT: 16.94 min Scan# 2400
Delta R.T. 0.01 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:200 Resp: 3649

Ion	Ratio	Lower	Upper
200	100		
173	20.2	1.6	41.6
215	21.8	28.7	68.7#

Instrument :
BNA_G
ClientSampleId :
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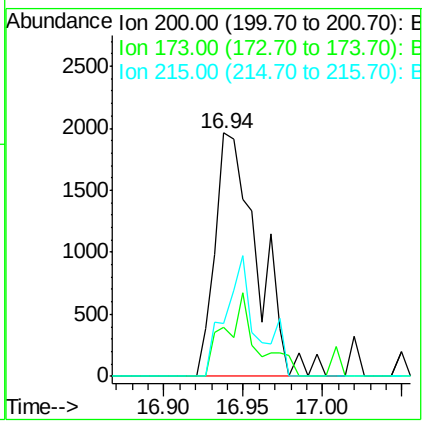
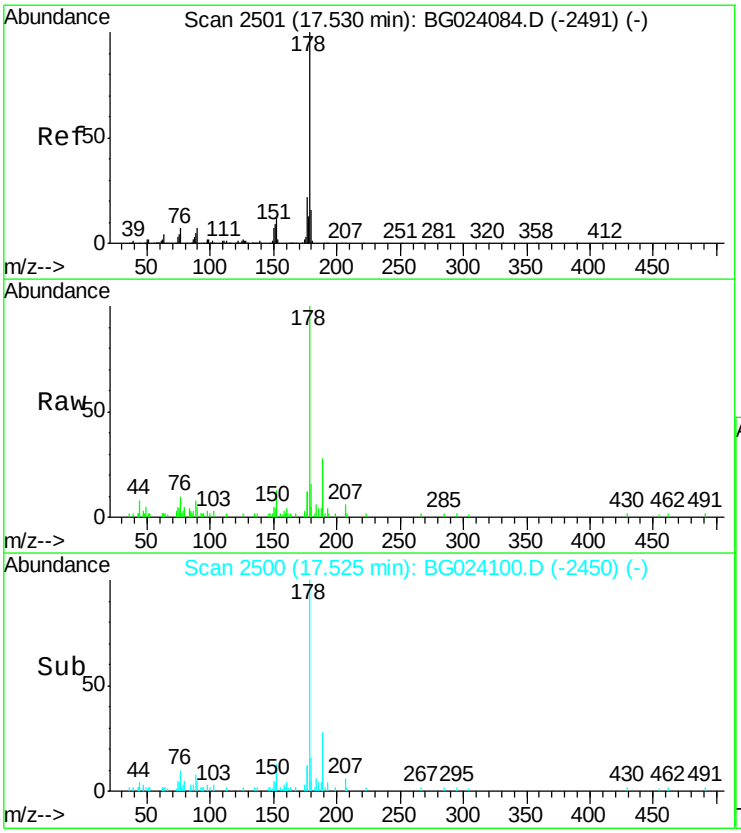
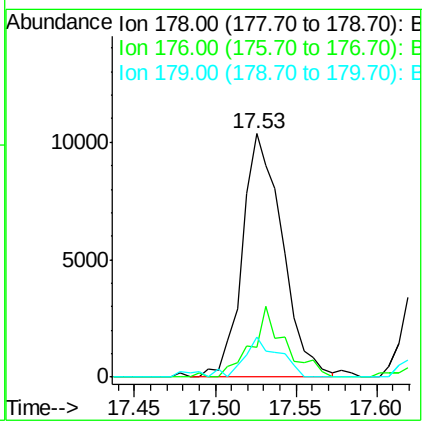


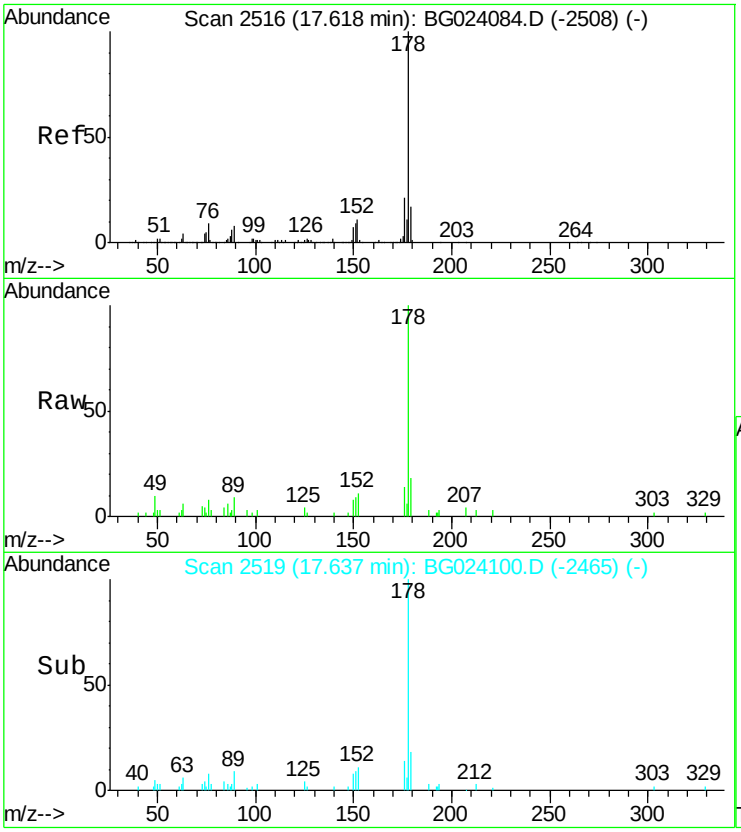


#70
Phenanthrene
Concen: 0.92 ng m
RT: 17.53 min Scan# 2500
Delta R.T. -0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:178 Resp: 17800

Ion	Ratio	Lower	Upper
178	100		
176	12.4	16.8	25.2#
179	16.4	14.3	21.5

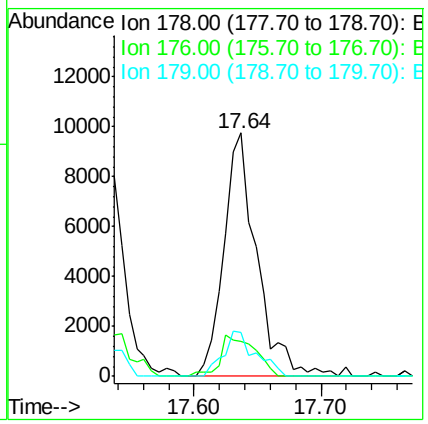




#71
Anthracene
Concen: 0.88 ng
RT: 17.64 min Scan# 2519
Delta R.T. 0.02 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:178 Resp: 17459

Ion	Ratio	Lower	Upper
178	100		
176	14.4	17.3	25.9#
179	18.1	14.0	21.0



Instrument :
BNA_G
ClientSampleId :
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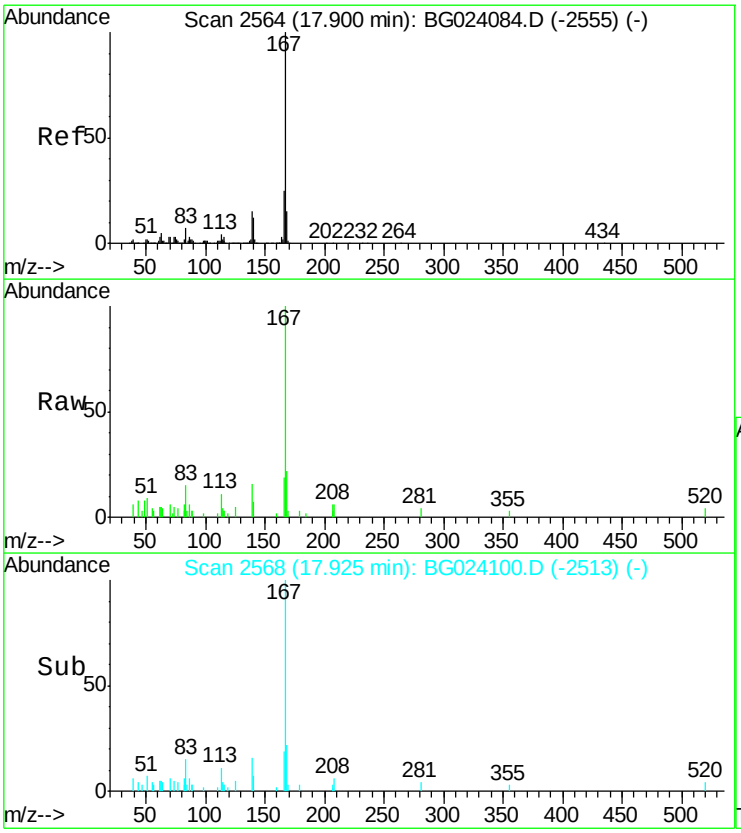
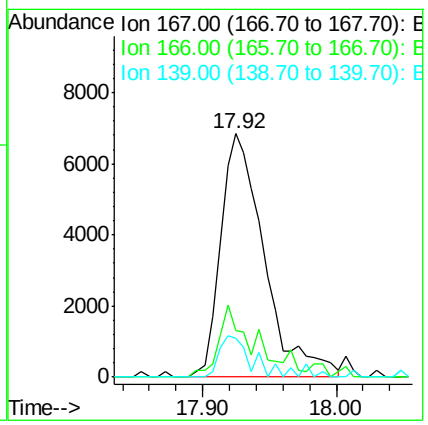
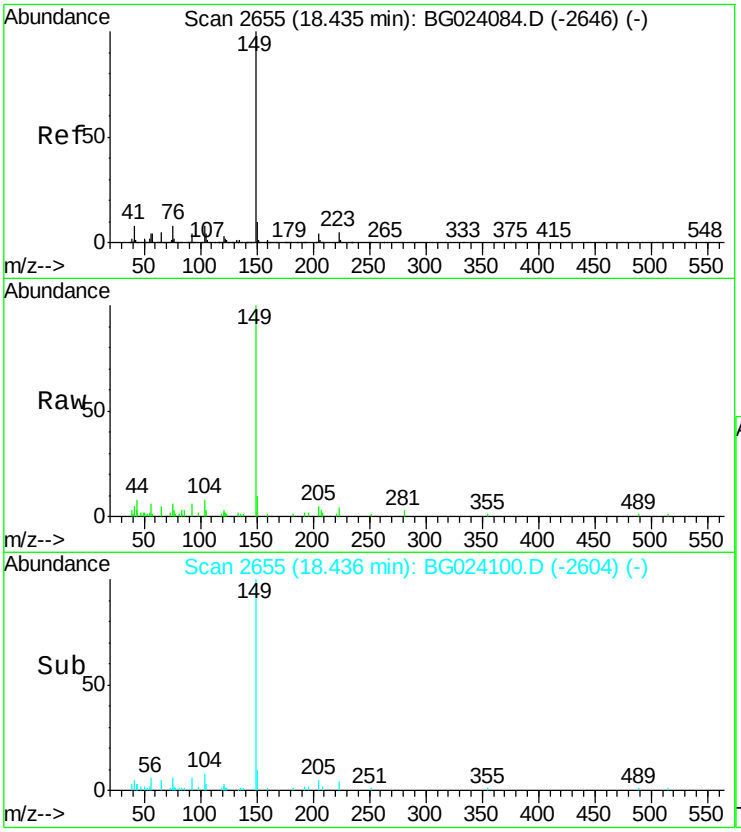


#72
Carbazole
Concen: 0.84 ng
RT: 17.92 min Scan# 2568
Delta R.T. 0.02 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:167 Resp: 15524

Ion	Ratio	Lower	Upper
167	100		
166	18.9	20.7	31.1#
139	15.7	11.9	17.9

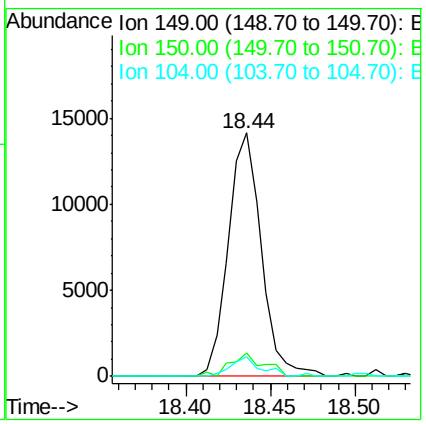




#73
Di-n-butylphthalate
Concen: 0.79 ng
RT: 18.44 min Scan# 2655
Delta R.T. 0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:149 Resp: 19187

Ion	Ratio	Lower	Upper
149	100		
150	9.6	9.1	13.7
104	8.1	6.9	10.3



Instrument :
BNA_G
ClientSampleId :
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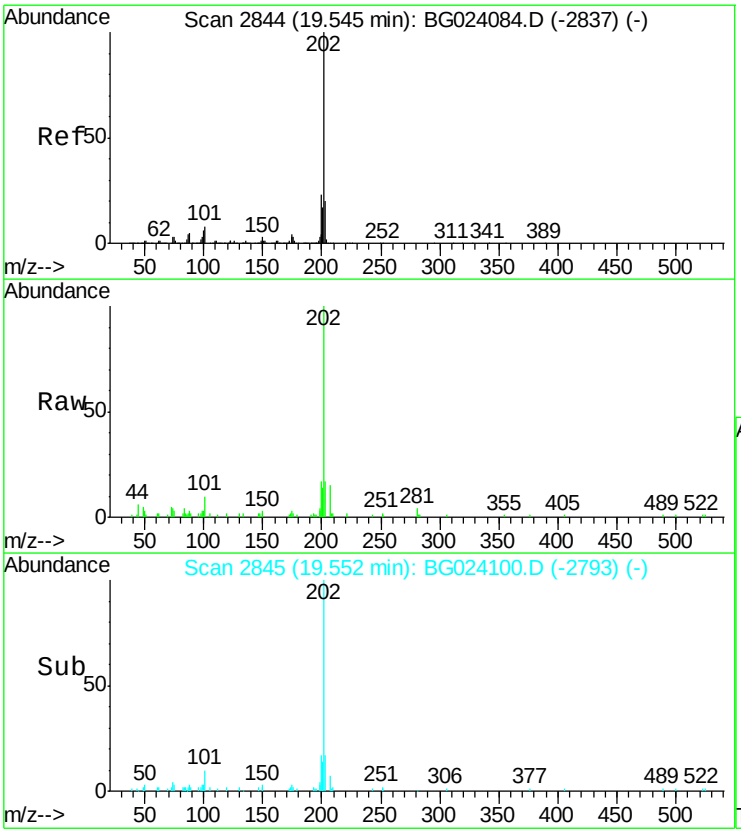
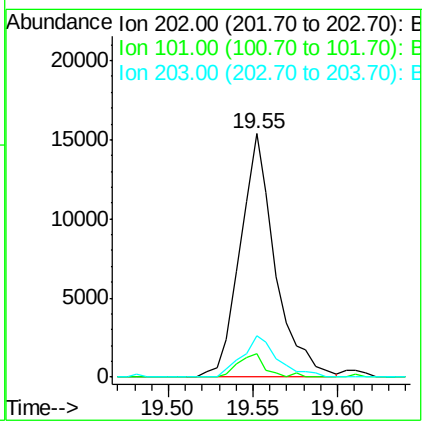
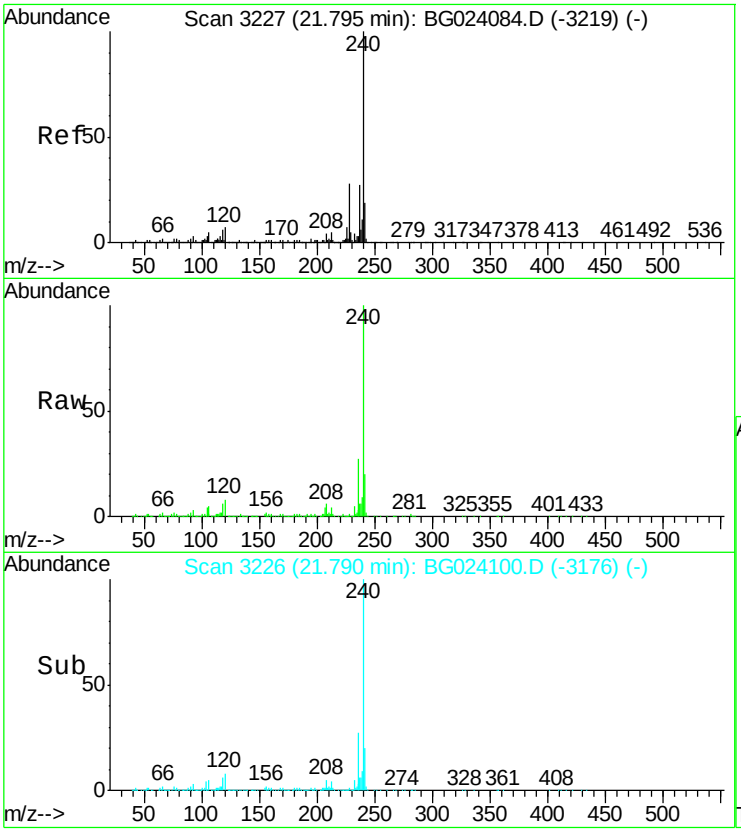


#74
Fluoranthene
Concen: 0.88 ng
RT: 19.55 min Scan# 2845
Delta R.T. 0.01 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:202 Resp: 22141

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	27.4
203	16.9	1.7	41.7





#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3226
Delta R.T. -0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:240 Resp: 442936

Ion	Ratio	Lower	Upper
240	100		
120	7.7	4.1	6.1#
236	26.5	21.1	31.7

Instrument :
BNA_G
ClientSampleId :
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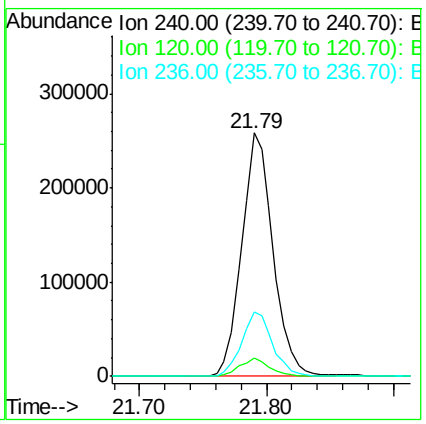
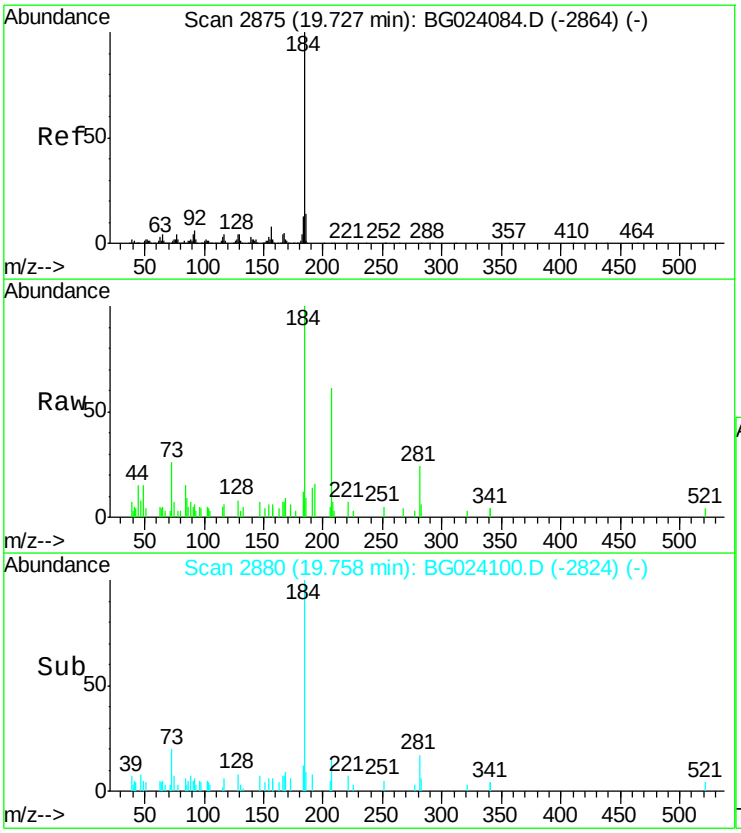
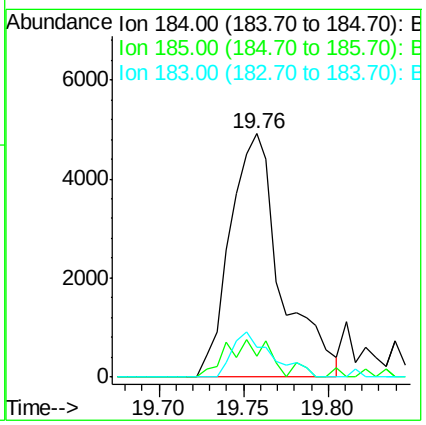


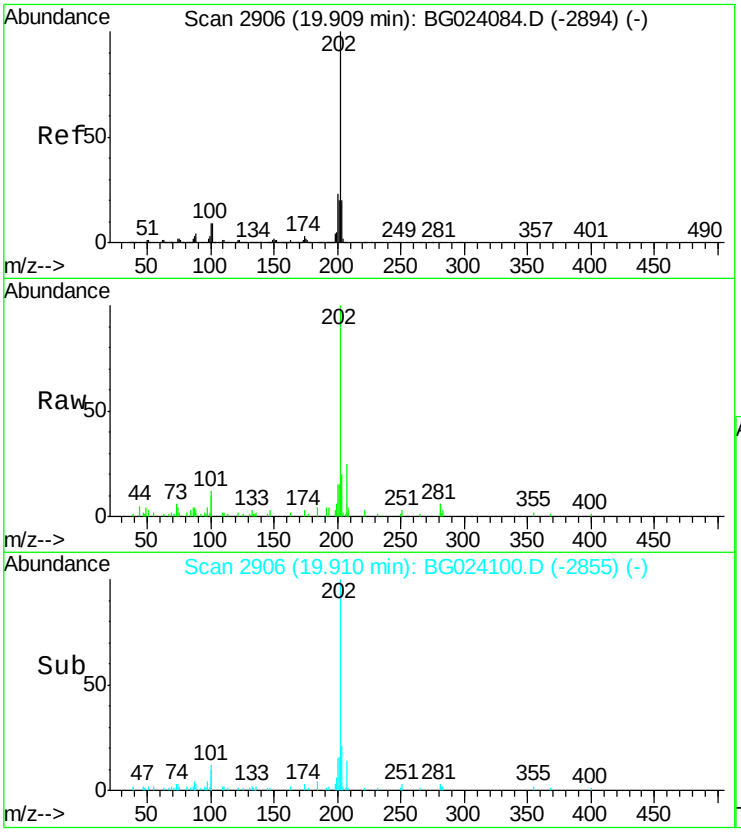


#76
Benzidine
Concen: 0.82 ng
RT: 19.76 min Scan# 2880
Delta R.T. 0.03 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:184 Resp: 10247

Ion	Ratio	Lower	Upper
184	100		
185	8.6	12.6	19.0#
183	12.3	10.7	16.1





#77
Pyrene
Concen: 0.75 ng
RT: 19.91 min Scan# 2906
Delta R.T. 0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Instrument :
BNA_G
ClientSampleId :
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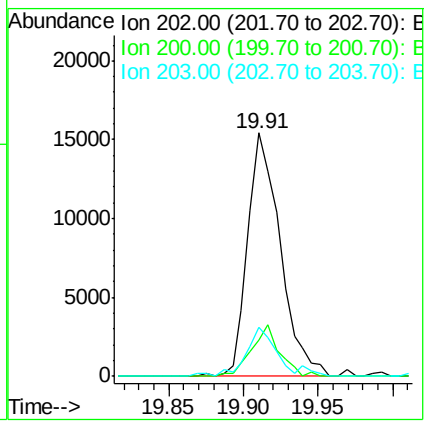
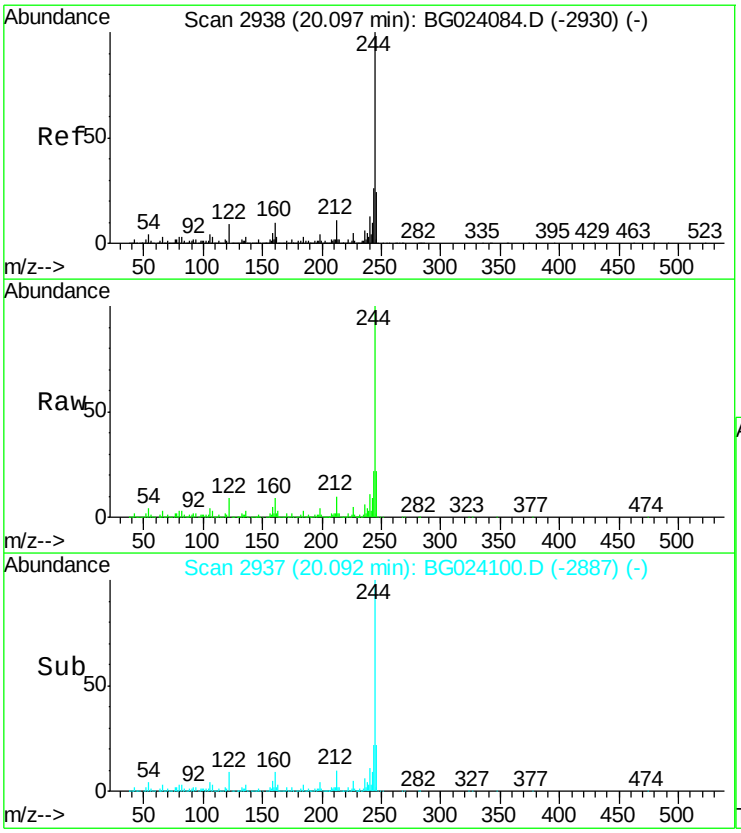
Tgt Ion:202 Resp: 23256

Ion	Ratio	Lower	Upper
202	100		
200	14.9	21.2	31.8#
203	20.1	16.8	25.2

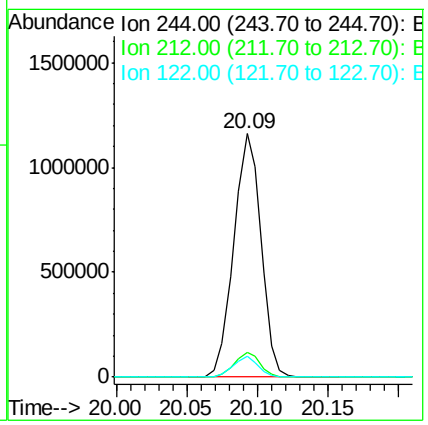


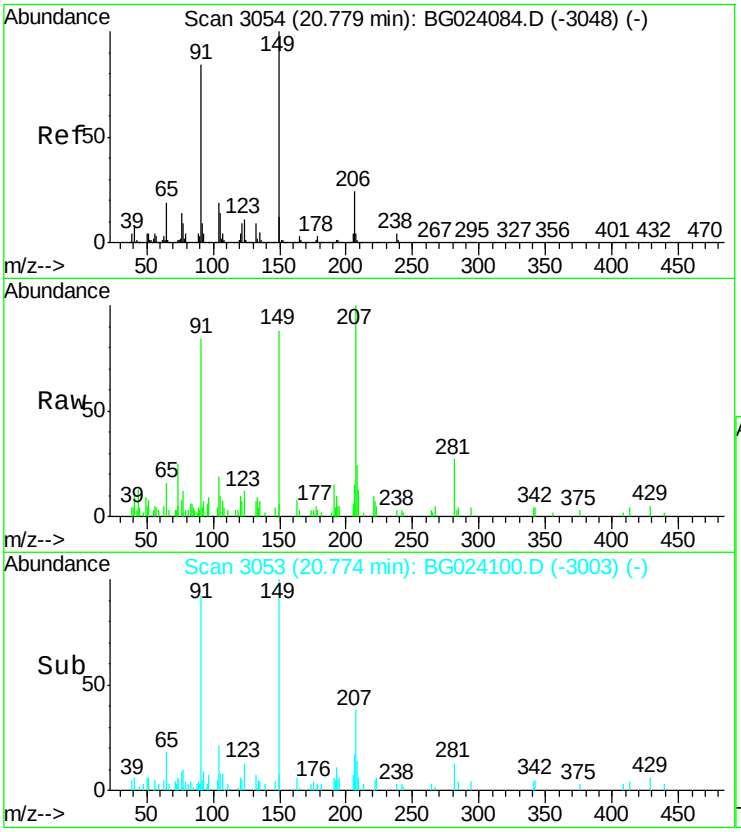


#78
Terphenyl-d14
Concen: 72.30 ng
RT: 20.09 min Scan# 2937
Delta R.T. -0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:244 Resp: 1563958

Ion	Ratio	Lower	Upper
244	100		
212	10.4	10.8	16.2#
122	8.6	8.0	12.0





#79
Butylbenzylphthalate
Concen: 0.67 ng
RT: 20.77 min Scan# 3053
Delta R.T. -0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:149 Resp: 7652

Ion	Ratio	Lower	Upper
149	100		
91	96.1	68.1	102.1
206	17.2	19.8	29.6#

Instrument :
BNA_G
ClientSampleId :
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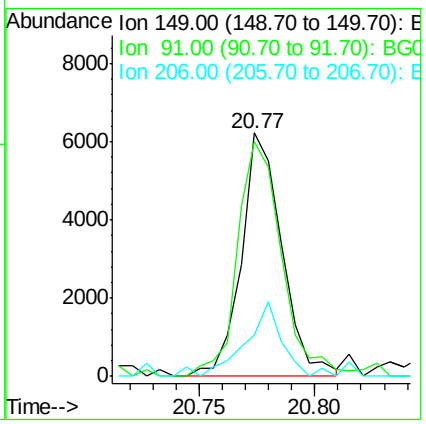
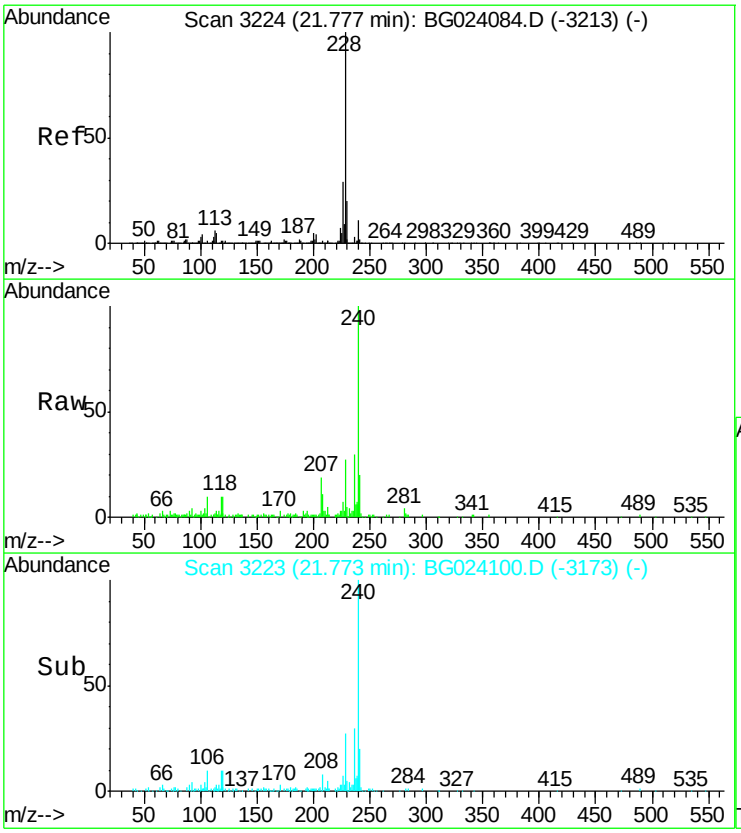
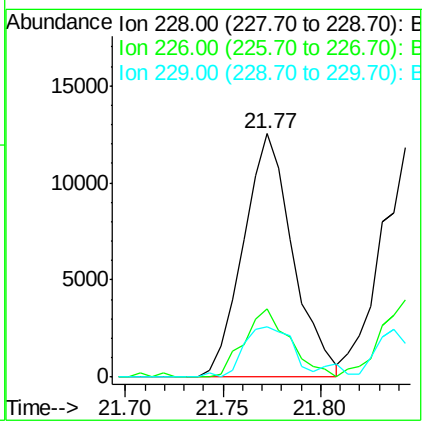


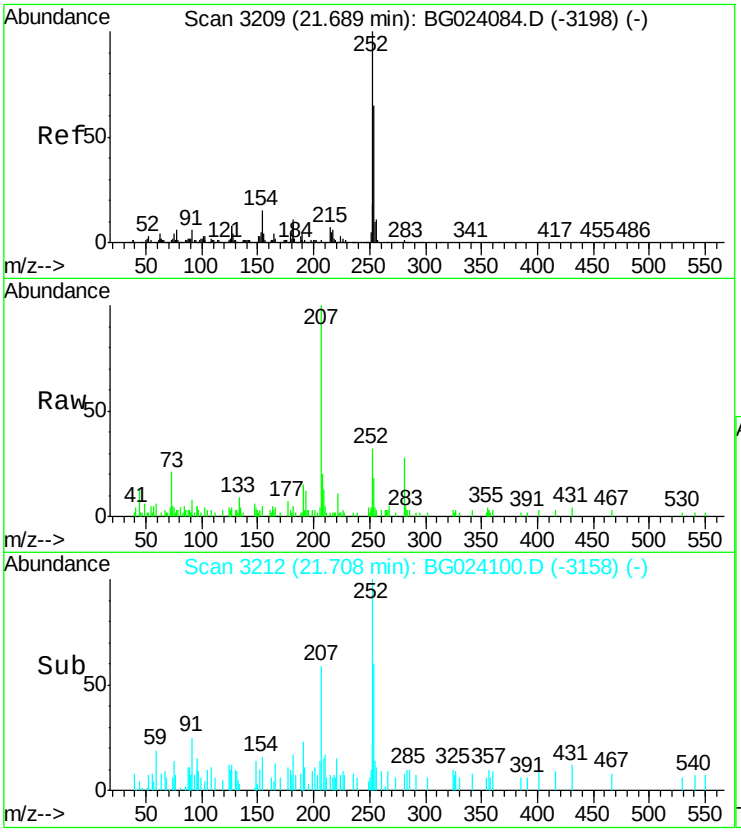


#80
Benzo(a)anthracene
Concen: 0.87 ng
RT: 21.77 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:228 Resp: 21965

Ion	Ratio	Lower	Upper
228	100		
226	28.0	25.3	37.9
229	20.6	19.9	29.9

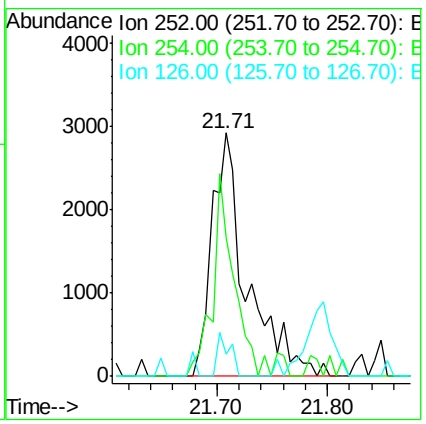




#81
3,3'-Dichlorobenzidine
Concen: 0.70 ng
RT: 21.71 min Scan# 3212
Delta R.T. 0.02 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:252 Resp: 6323

Ion	Ratio	Lower	Upper
252	100		
254	56.7	51.2	76.8
126	9.0	5.3	7.9#



Instrument :
BNA_G
ClientSampleId :
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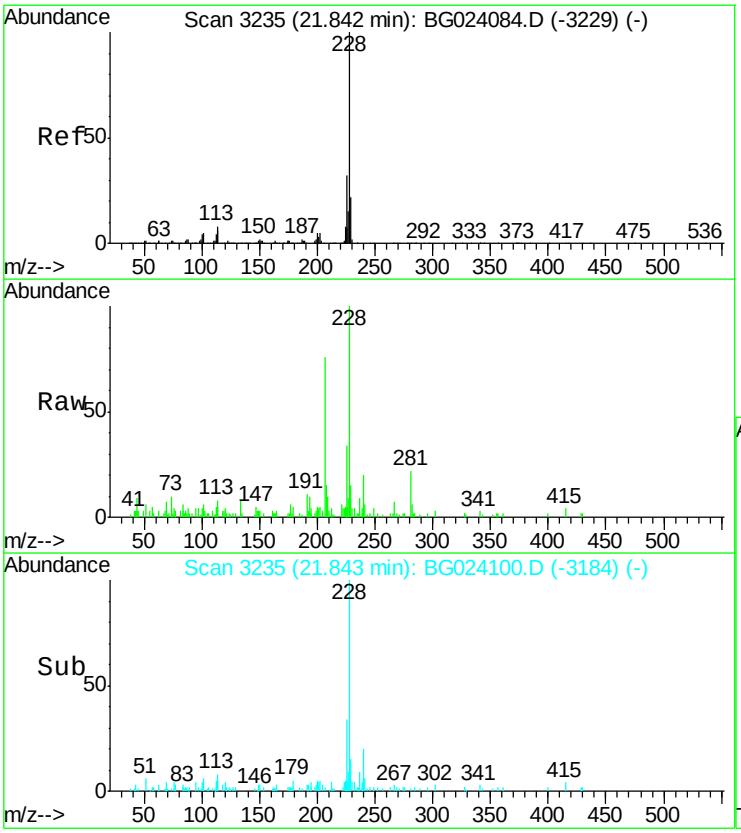
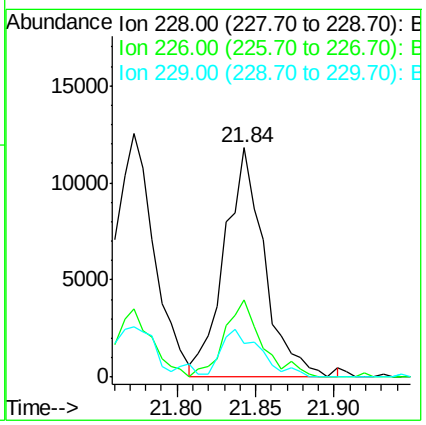
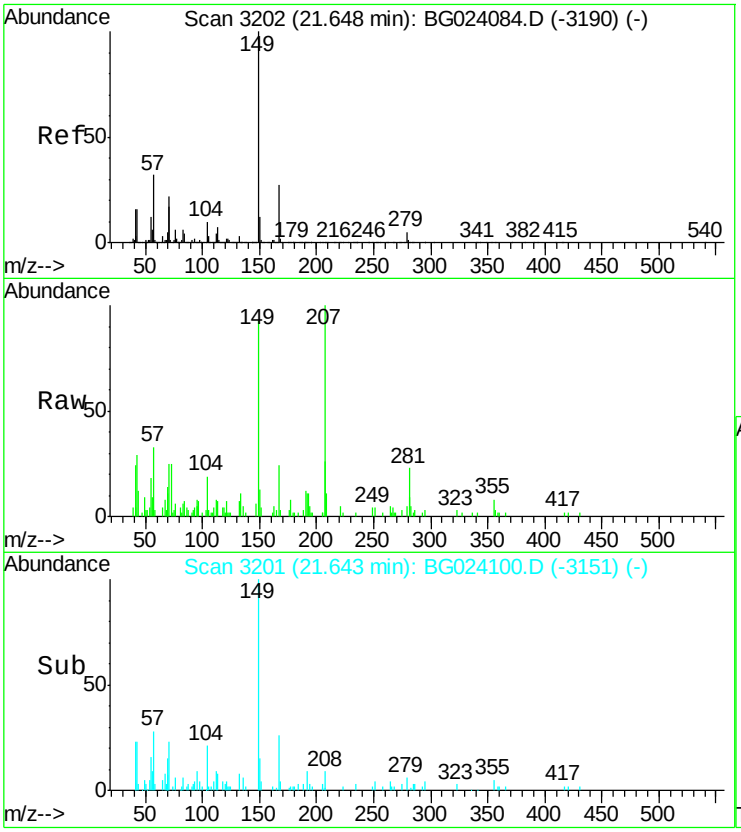


#82
Chrysene
Concen: 0.88 ng m
RT: 21.84 min Scan# 3235
Delta R.T. 0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:228 Resp: 20905

Ion	Ratio	Lower	Upper
228	100		
226	33.7	26.7	40.1
229	14.8	17.4	26.2#

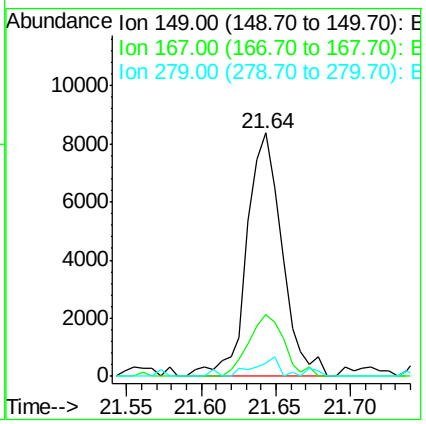




#83
Bis(2-ethylhexyl)phthalate
Concen: 1.00 ng
RT: 21.64 min Scan# 3201
Delta R.T. -0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:149 Resp: 13616

Ion	Ratio	Lower	Upper
149	100		
167	25.6	24.0	36.0
279	5.7	4.8	7.2



Instrument :
BNA_G
ClientSampleId :
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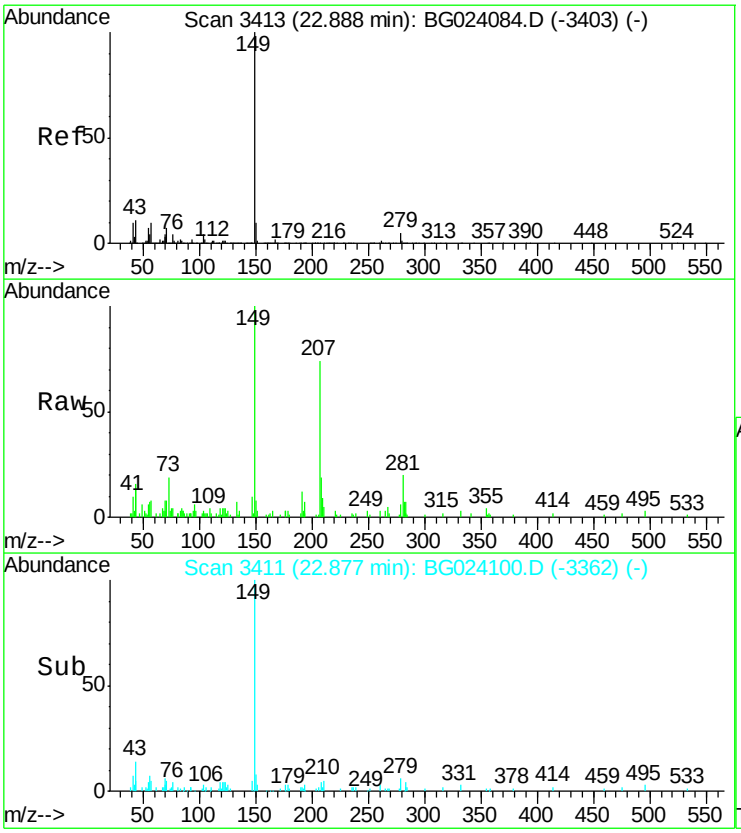
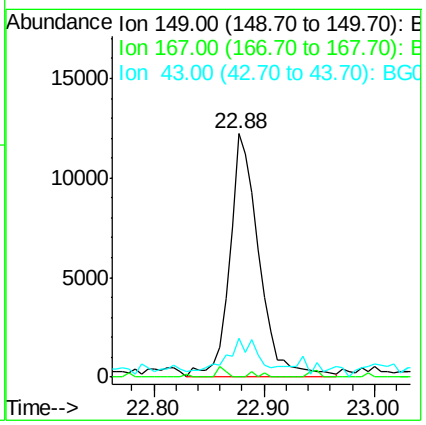
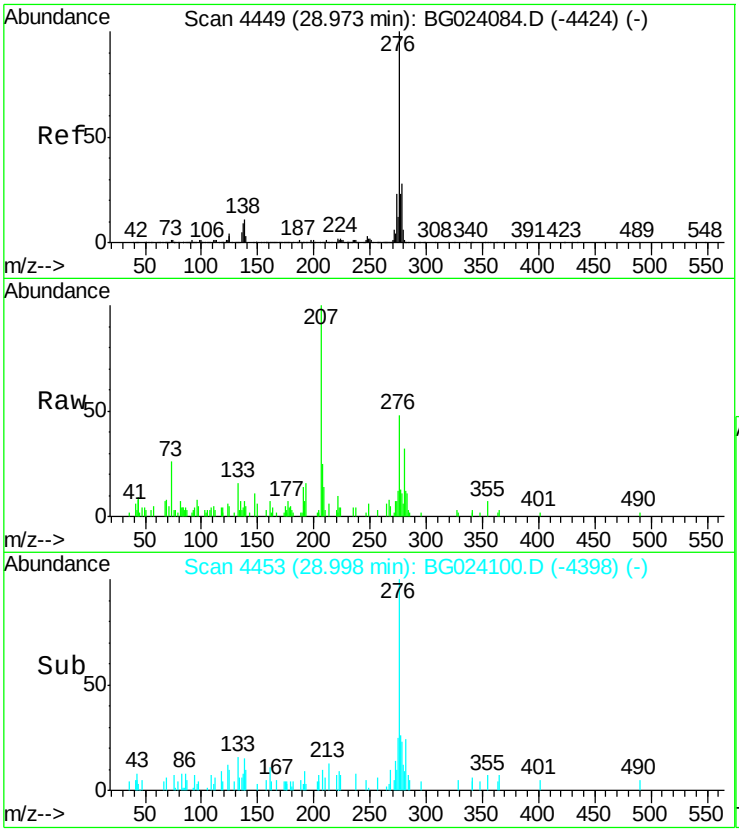


#84
Di-n-octyl phthalate
Concen: 0.97 ng
RT: 22.88 min Scan# 3411
Delta R.T. -0.01 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:149 Resp: 22784

Ion	Ratio	Lower	Upper
149	100		
167	0.7	1.5	2.3#
43	14.9	8.8	13.2#





#85
Indeno(1,2,3-cd)pyrene
Concen: 0.93 ng
RT: 29.00 min Scan# 4453
Delta R.T. 0.02 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:276 Resp: 24566

Ion	Ratio	Lower	Upper
276	100		
138	6.4	0.0	0.0#
277	9.8	0.0	0.0#

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-05-QT4

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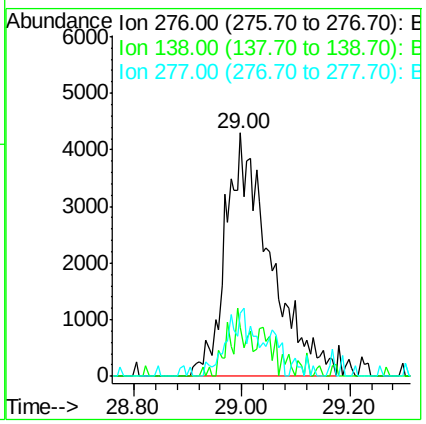
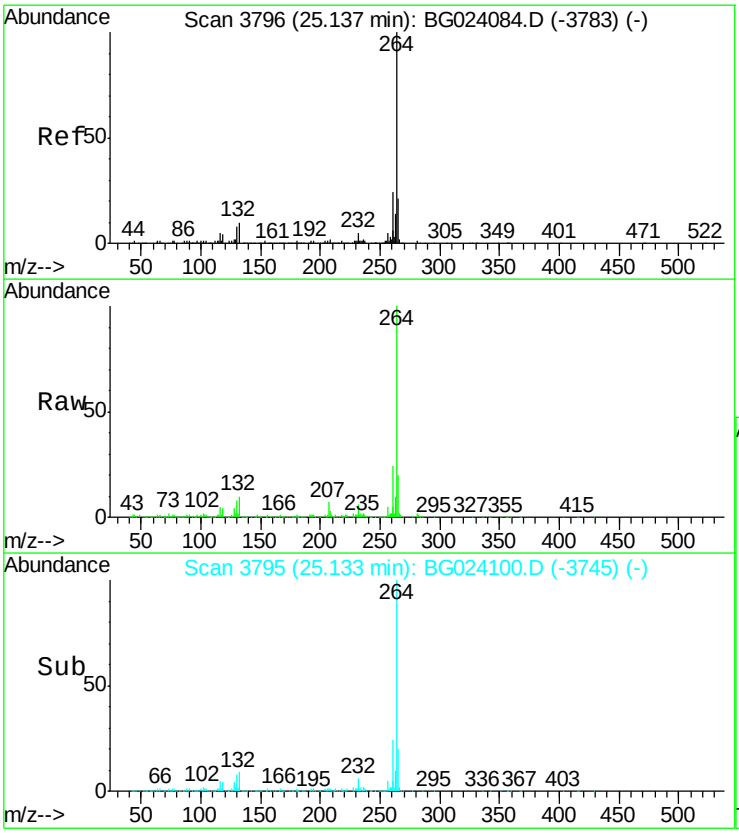
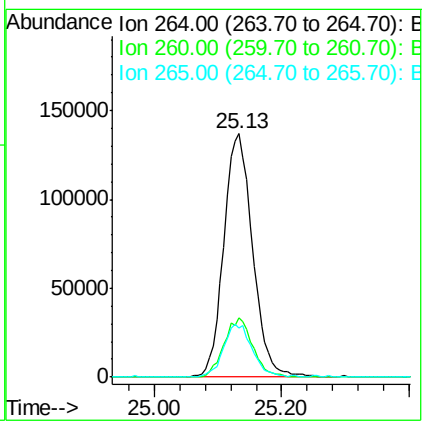


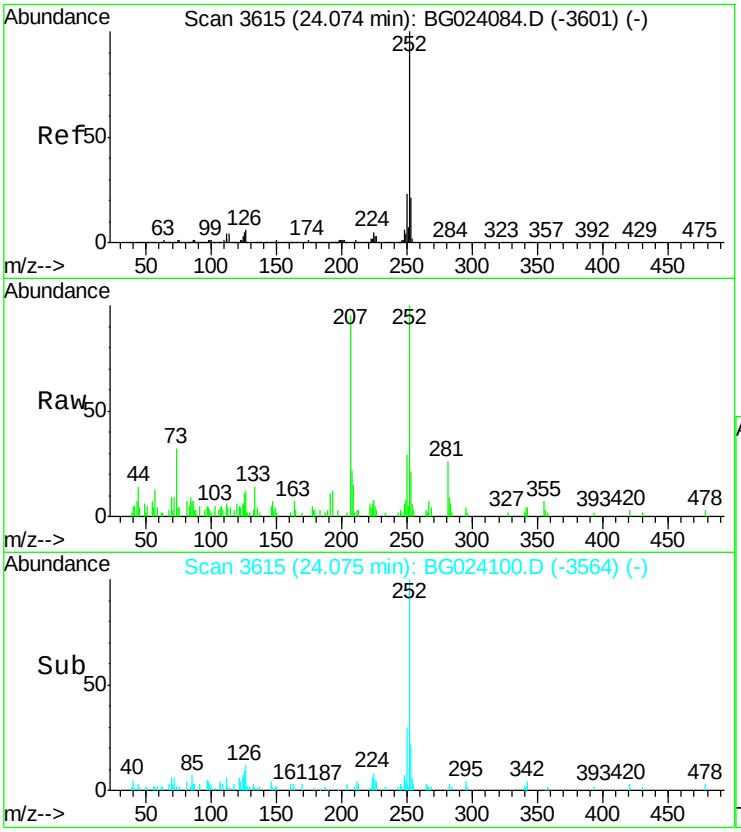


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.13 min Scan# 3795
Delta R.T. -0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:264 Resp: 428792

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	20.1	18.9	28.3





#87
Benzo(b)fluoranthene
Concen: 0.84 ng
RT: 24.08 min Scan# 3615
Delta R.T. 0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:252 Resp: 20954

Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.9	28.3
125	10.7	3.9	5.9#

Instrument :
BNA_G
ClientSampleId :
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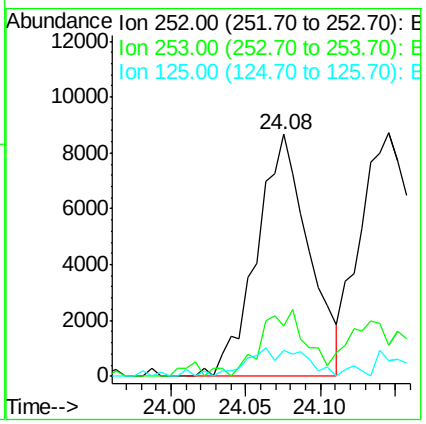
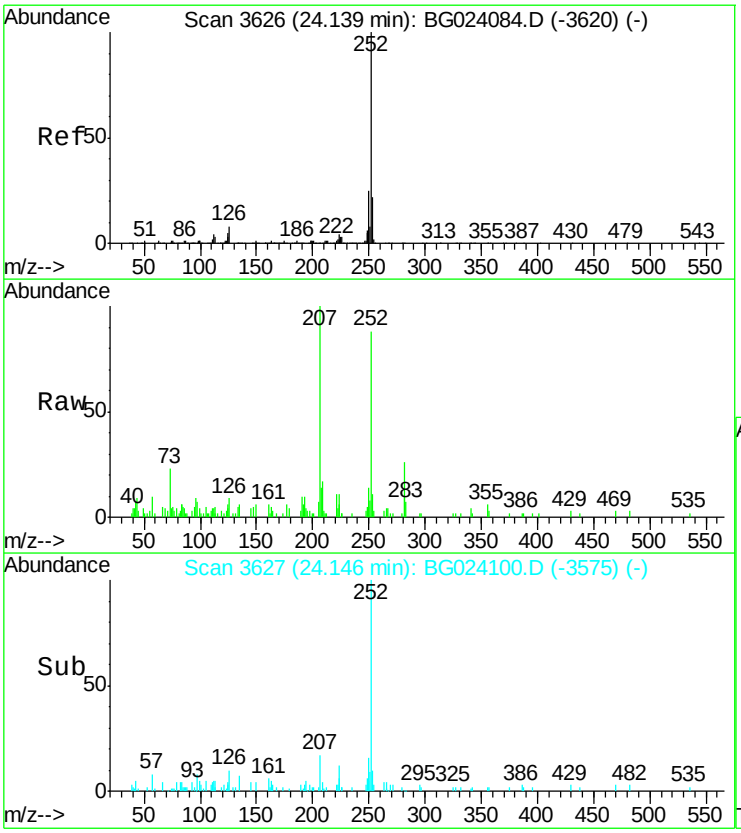
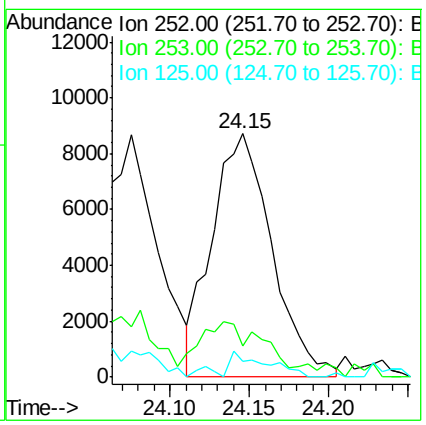


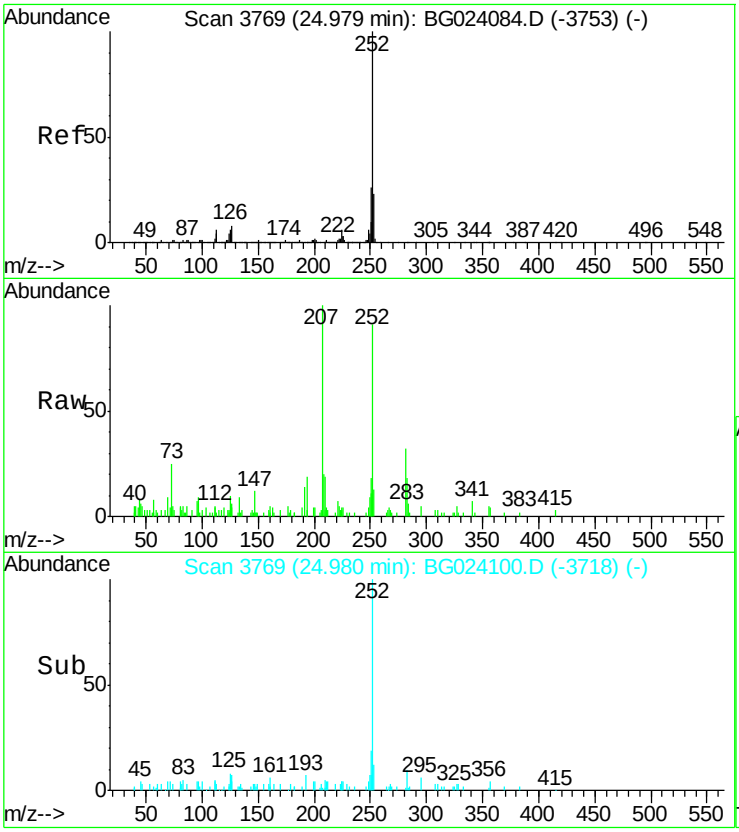


#88
Benzo(k)fluoranthene
Concen: 0.92 ng
RT: 24.15 min Scan# 3627
Delta R.T. 0.01 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:252 Resp: 22880

Ion	Ratio	Lower	Upper
252	100		
253	12.5	18.8	28.2#
125	6.7	3.2	4.8#





#89
Benzo(a)pyrene
Concen: 0.88 ng
RT: 24.98 min Scan# 3769
Delta R.T. 0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Instrument :
BNA_G
ClientSampleId :
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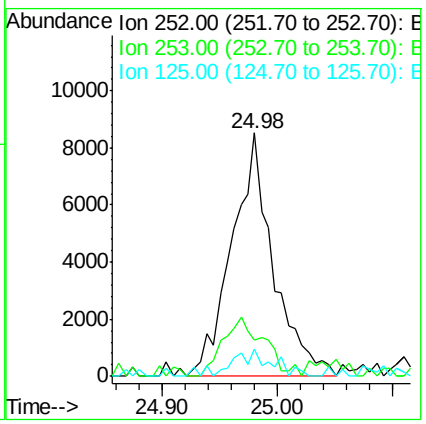
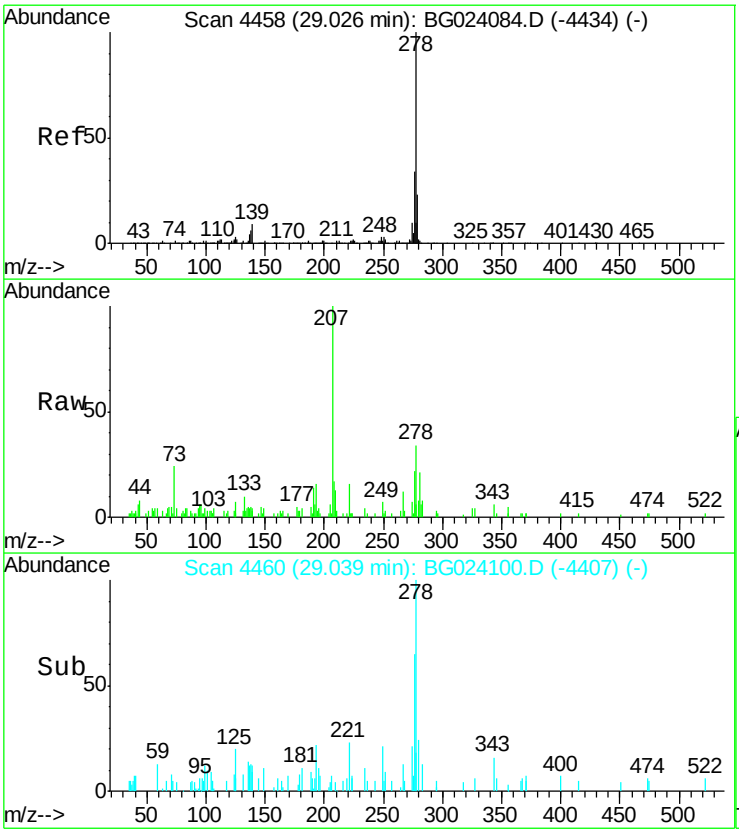
Tgt Ion:252 Resp: 21155

Ion	Ratio	Lower	Upper
252	100		
253	14.7	18.7	28.1#
125	11.1	3.9	5.9#

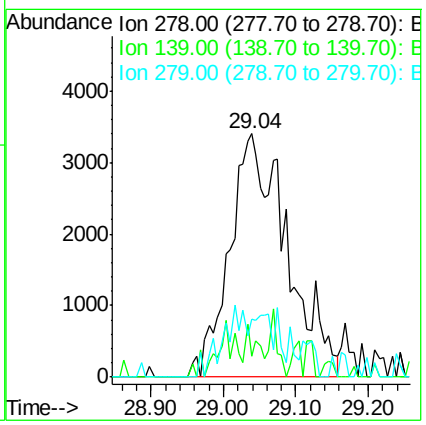


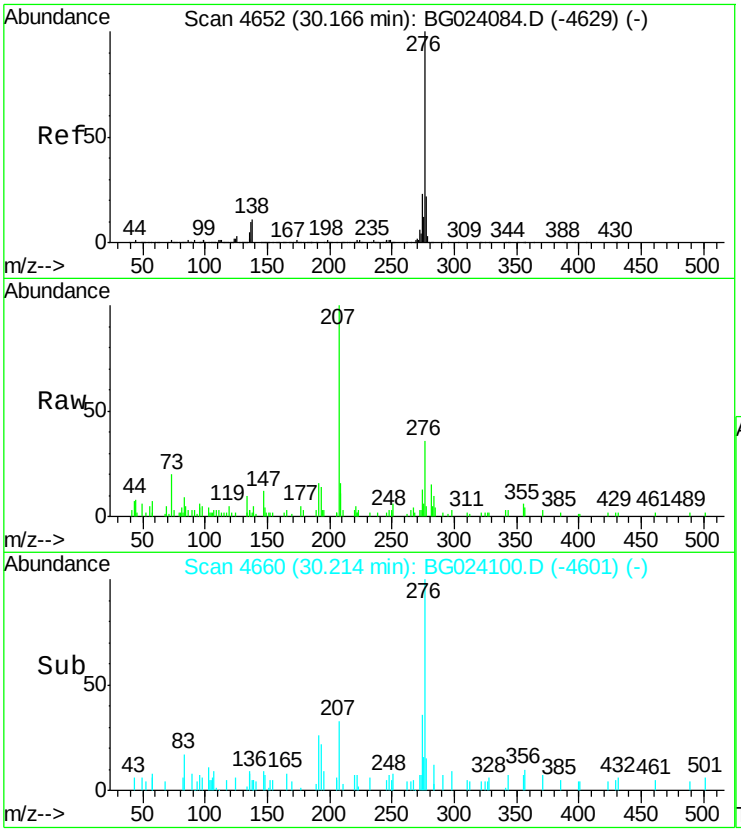


#90
Dibenzo(a,h)anthracene
Concen: 0.78 ng m
RT: 29.04 min Scan# 4460
Delta R.T. 0.01 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:278 Resp: 18718

Ion	Ratio	Lower	Upper
278	100		
139	8.8	4.7	7.1#
279	23.6	18.3	27.5





#91
Benzo(g,h,i)perylene
Concen: 0.83 ng m
RT: 30.21 min Scan# 4660
Delta R.T. 0.05 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:276 Resp: 20044

Ion	Ratio	Lower	Upper
276	100		
277	15.0	18.6	27.8#
138	13.7	6.8	10.2#

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-05-QT4

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