Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072817\
Data File : BG028064.D
Acq On : 28 Jul 2017 20:05
Operator : SJ/JU
Sample : MDL-S-ML-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-S-ML-07

Manual Integrations APPROVED
Sohil
7/31/2017 11:54:02 AM

Quant Time: Jul 29 00:10:24 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 28 19:32:36 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	31381	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	135752	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.97	164	106397	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.72	188	311465	20.00	ng/ul	0.00
78) Chrysene-d12	22.06	240	422456	20.00	ng/ul	0.00
86) Perylene-d12	25.58	264	425093	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	3403	7.03	ng/uL	0.00
5) Phenol-d5	7.51	99	61583	25.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	33228	28.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	58275	29.16	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	56585	26.74	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	28724	30.27	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	37004	30.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	69502	29.22	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	80839	33.70	ng/ul	0.00
44) Dimethylphthalate-d6	14.36	166	308544	32.04	ng/ul	0.00
47) Acenaphthylene-d8	14.67	160	319646	30.69	ng/ul	0.00
52) 4-Nitrophenol-d4	15.15	143	39122	27.05	ng/ul	0.00
58) Fluorene-d10	15.96	176	273328	30.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.07	200	60933	27.47	ng/ul	0.00
71) Anthracene-d10	17.82	188	470350	31.53	ng/ul	0.00
79) Pyrene-d10	20.10	212	590224	31.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.33	264	599377	30.65	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.89	88	725	1.397	ng/uL#	82
4) Benzaldehyde	7.51	77	1080	0.921	ng/ul	99
6) Phenol	7.54	94	7433m	3.233	ng/ul	
8) Bis(2-Chloroethyl)ether	7.77	93	6159	3.785	ng/ul	88
10) 2-Chlorophenol	7.93	128	7026	3.817	ng/ul#	80
11) 2-Methylphenol	8.79	108	6253	3.489	ng/ul#	65
12) 2,2'-oxybis(1-Chloropropan	8.89	45	6814	3.190	ng/ul#	92
14) Acetophenone	9.19	105	11659	3.793	ng/ul	87
15) N-Nitroso-di-n-propylamine	9.16	70	3422	2.371	ng/ul#	89
16) 4-Methylphenol	9.12	108	6339	3.188	ng/ul	96
17) Hexachloroethane	9.46	117	2813	3.820	ng/ul#	70
20) Nitrobenzene	9.58	77	8048	3.950	ng/ul#	93
21) Isophorone	10.10	82	14121	3.627	ng/ul#	95
23) 2-Nitrophenol	10.29	139	4721	4.054	ng/ul	95
24) 2,4-Dimethylphenol	10.33	107	8312	3.569	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.57	93	8454	3.738	ng/ul#	91
27) 2,4-Dichlorophenol	10.83	162	8708	3.842	ng/ul#	93
28) Naphthalene	11.24	128	23300	3.803	ng/ul	97
30) 4-Chloroaniline	11.34	127	6334m	2.774	ng/ul	
31) Hexachlorobutadiene	11.51	225	7879	4.018	ng/ul	98
32) Caprolactam	12.13	113	2563m	3.523	ng/ul	
33) 4-Chloro-3-methylphenol	12.44	107	7555	3.421	ng/ul	94
34) 2-Methylnaphthalene	12.81	142	20936	3.959	ng/ul	97

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Sample : MDL-S-ML-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-S-ML-07

Manual Integrations APPROVED
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7/31/2017 11:54:02 AM

Quant Time: Jul 29 00:10:24 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 28 19:32:36 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.03	142	20158	3.931	ng/ul	93
37) 1,2,4,5-Tetrachlorobenzene	13.18	216	16236	3.961	ng/ul	96
38) Hexachlorocyclopentadiene	13.15	237	6811	2.834	ng/ul	91
39) 2,4,6-Trichlorophenol	13.41	196	7911	3.234	ng/ul	90
40) 2,4,5-Trichlorophenol	13.50	196	8579	3.301	ng/ul	85
41) 1,1'-Biphenyl	13.81	154	30210	3.906	ng/ul	99
42) 2-Chloronaphthalene	13.85	162	23826	3.820	ng/ul	95
43) 2-Nitroaniline	14.06	65	4610	3.136	ng/ul	93
45) Dimethylphthalate	14.41	163	34378	3.897	ng/ul#	98
46) 2,6-Dinitrotoluene	14.54	165	6195	3.498	ng/ul	91
48) Acenaphthylene	14.69	152	40041	4.056	ng/ul	97
49) 3-Nitroaniline	14.87	138	4946	3.361	ng/ul#	81
50) Acenaphthene	15.03	153	26651	3.942	ng/ul	99
51) 2,4-Dinitrophenol	15.09	184	2085	1.845	ng/ul#	81
53) 4-Nitrophenol	15.17	109	4470m	3.800	ng/ul	
54) Dibenzofuran	15.37	168	42070	4.093	ng/ul	97
55) 2,4-Dinitrotoluene	15.32	165	10908	4.125	ng/ul#	84
56) 2,3,4,6-Tetrachlorophenol	15.59	232	8898	3.215	ng/ul	97
57) Diethylphthalate	15.76	149	33105	3.575	ng/ul	98
59) Fluorene	16.01	166	35112	3.937	ng/ul	98
60) 4-Chlorophenyl-phenylether	16.00	204	21949	4.121	ng/ul	94
61) 4-Nitroaniline	16.04	138	5769	3.300	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	16.09	198	7216	3.396	ng/ul#	65
65) N-Nitrosodiphenylamine	16.21	169	30070	3.825	ng/ul	98
66) 4-Bromophenyl-phenylether	16.90	248	15671	3.913	ng/ul#	84
67) Hexachlorobenzene	17.02	284	18468	4.055	ng/ul	92
68) Atrazine	17.15	200	13351	3.559	ng/ul	94
69) Pentachlorophenol	17.37	266	5835m	2.454	ng/ul	
70) Phenanthrene	17.77	178	62273	4.021	ng/ul	96
72) Anthracene	17.86	178	63201	3.920	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.78	216	15350	3.533	ng/uL	96
74) Pentachlorobenzene	15.29	250	24788	3.840	ng/uL	93
75) Carbazole	18.12	167	51747	3.919	ng/ul	98
76) Di-n-butylphthalate	18.65	149	53673	3.661	ng/ul	98
77) Fluoranthene	19.76	202	80979	4.092	ng/ul#	94
80) Pyrene	20.13	202	89836	4.097	ng/ul#	93
81) Butylbenzylphthalate	20.99	149	22104	3.392	ng/ul#	96
82) 3,3'-Dichlorobenzidine	21.94	252	23960	3.100	ng/ul#	93
83) Benzo(a)anthracene	22.04	228	85980	3.832	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.90	149	31373	3.291	ng/ul#	91
85) Chrysene	22.11	228	81323	3.962	ng/ul	98
87) Di-n-octyl phthalate	23.21	149	53200	3.175	ng/ul	100
88) Benzo(b)fluoranthene	24.45	252	84100	3.554	ng/ul#	97
89) Benzo(k)fluoranthene	24.52	252	90586	3.926	ng/ul#	95
91) Benzo(a)pyrene	25.41	252	84029	3.690	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	29.60	276	100835m	3.649	ng/ul	
93) Dibenzo(a,h)anthracene	29.67	278	84745	3.575	ng/ul	97
94) Benzo(g,h,i)perylene	30.84	276	84352m	3.682	ng/ul	

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072817\
Data File : BG028064.D
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 29 00:10:24 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 28 19:32:36 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-S-ML-07

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072817\
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Instrument :
BNA_G
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MDL-S-ML-07

Manual Integrations APPROVED
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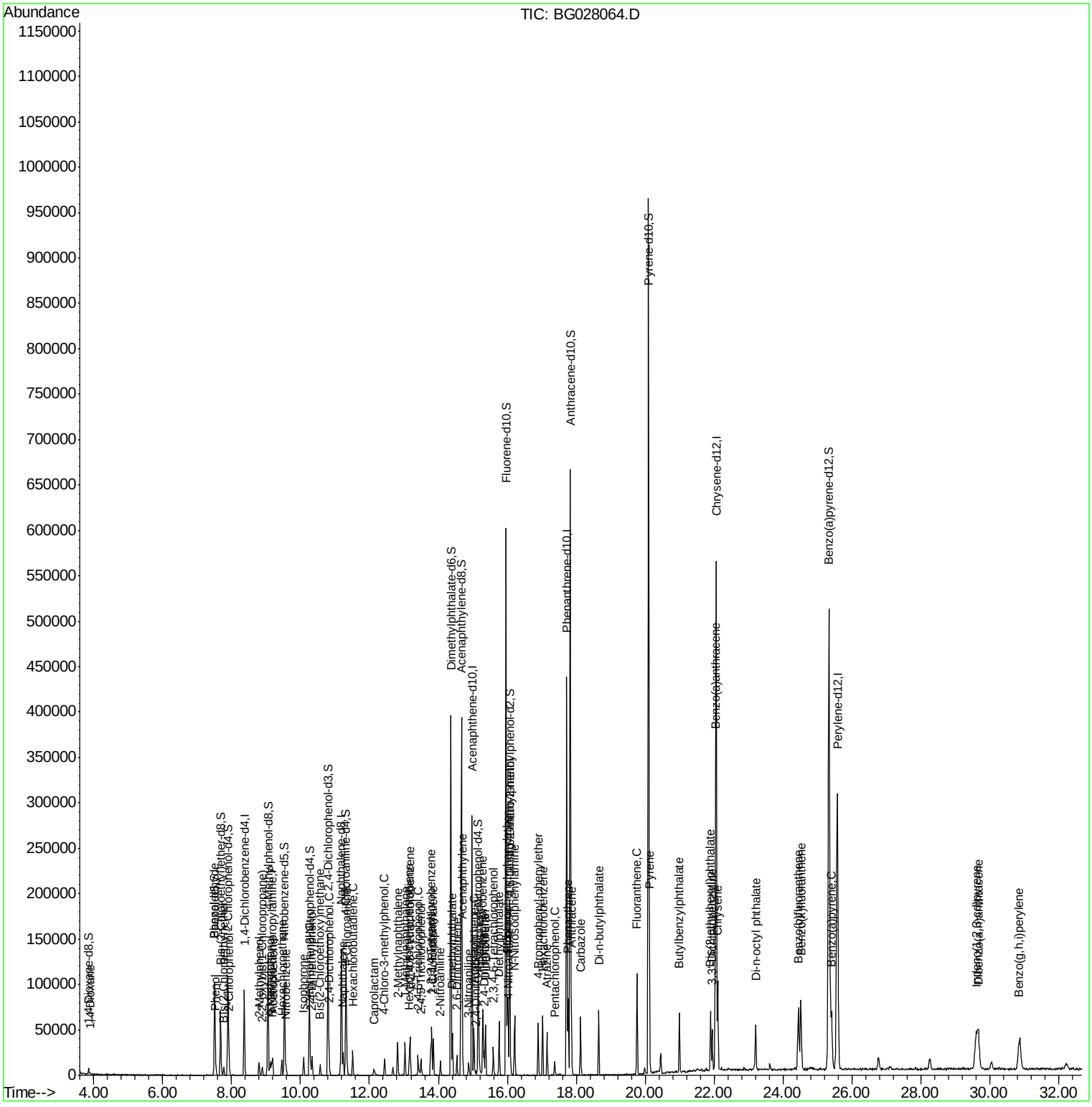
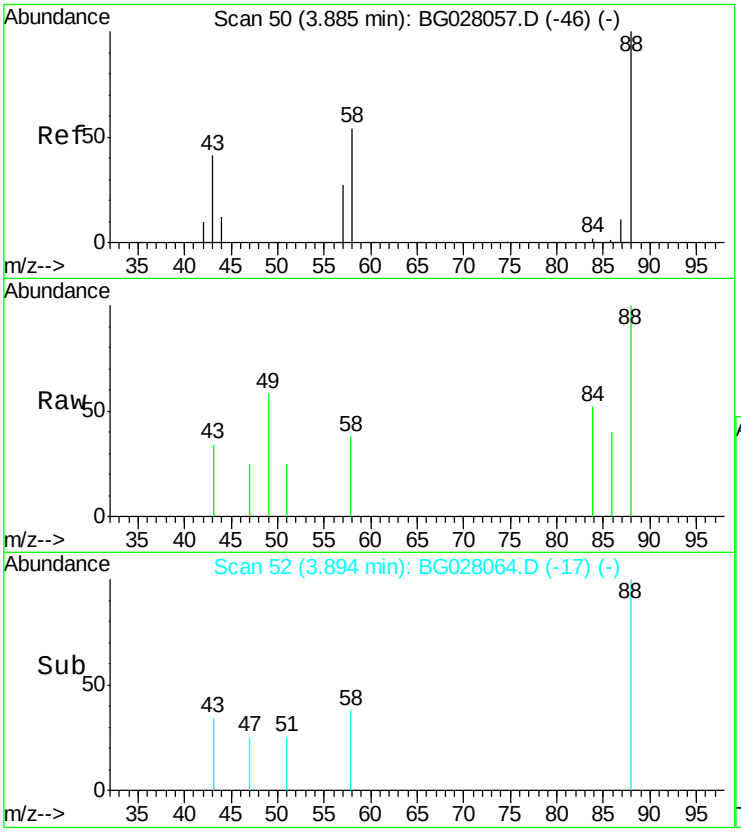
7/31/2017 11:54:02 AM

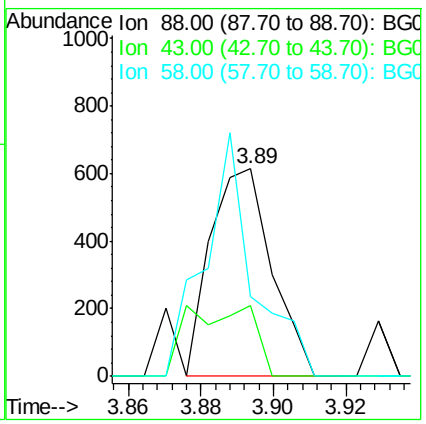




#2
1,4-Dioxane
Concen: 1.397 ng/uL
RT: 3.89 min Scan# 52
Delta R.T. 0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion: 88 Resp: 725

Ion	Ratio	Lower	Upper
88	100		
43	33.9	29.0	43.4
58	38.1	45.9	68.9#



Instrument :
BNA_G
ClientSampleId :
MDL-S-ML-07

Manual Integrations APPROVED
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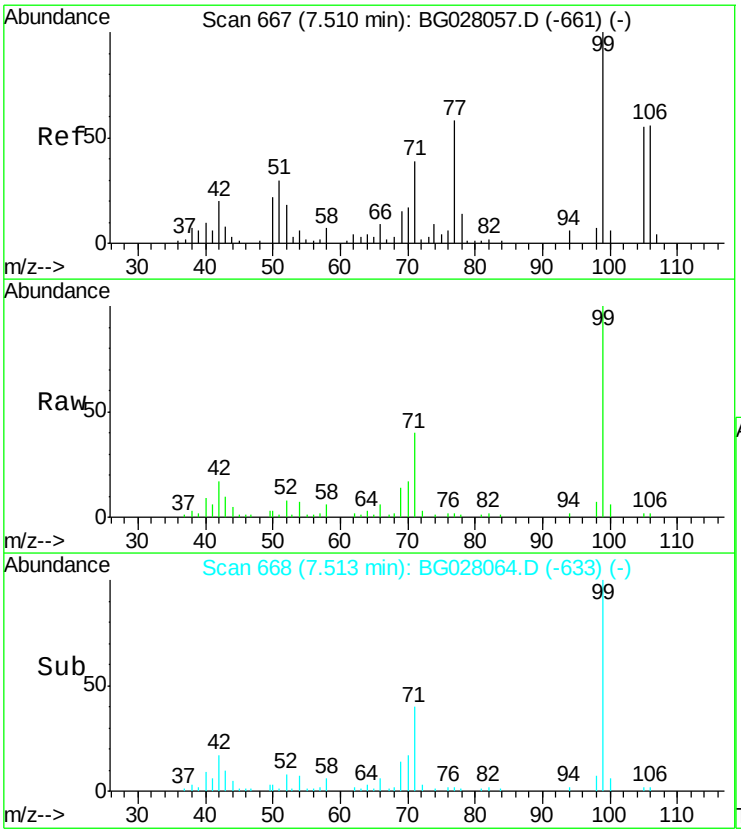
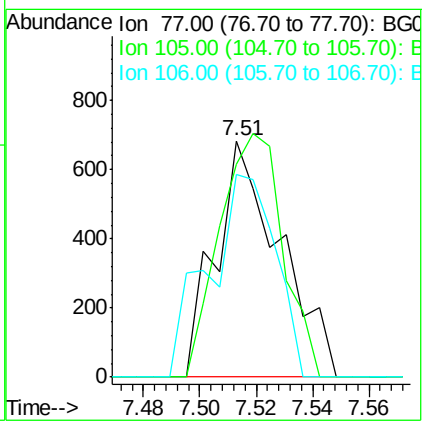
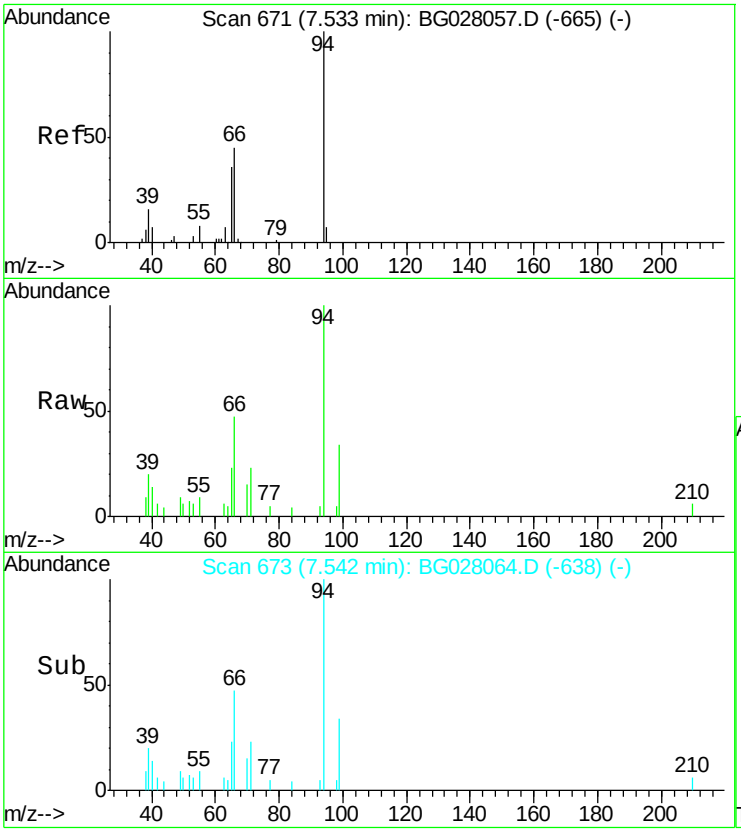


#4
Benzaldehyde
Concen: 0.921 ng/ul
RT: 7.51 min Scan# 668
Delta R.T. 0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion: 77 Resp: 1080

Ion	Ratio	Lower	Upper
77	100		
105	90.0	71.0	106.6
106	85.8	69.5	104.3





#6
Phenol
Concen: 3.233 ng/ul m
RT: 7.54 min Scan# 673
Delta R.T. 0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion: 94 Resp: 7433

Ion	Ratio	Lower	Upper
94	100		
65	22.7	23.0	34.6#
66	47.1	30.4	45.6#

Instrument :
BNA_G
ClientSampleId :
MDL-S-ML-07

Manual Integrations APPROVED
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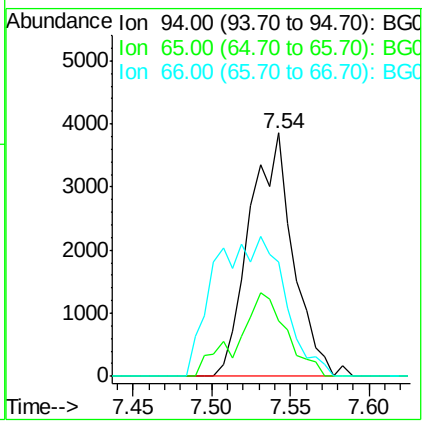
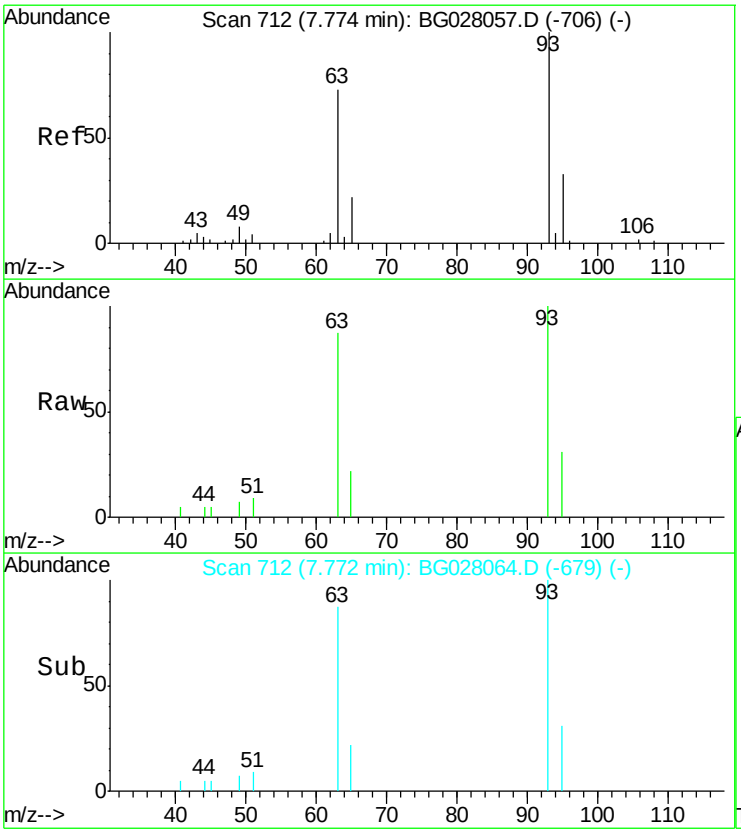
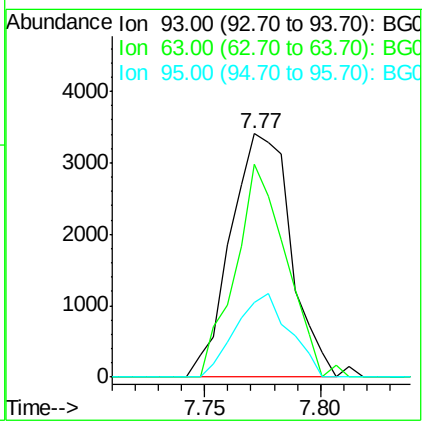


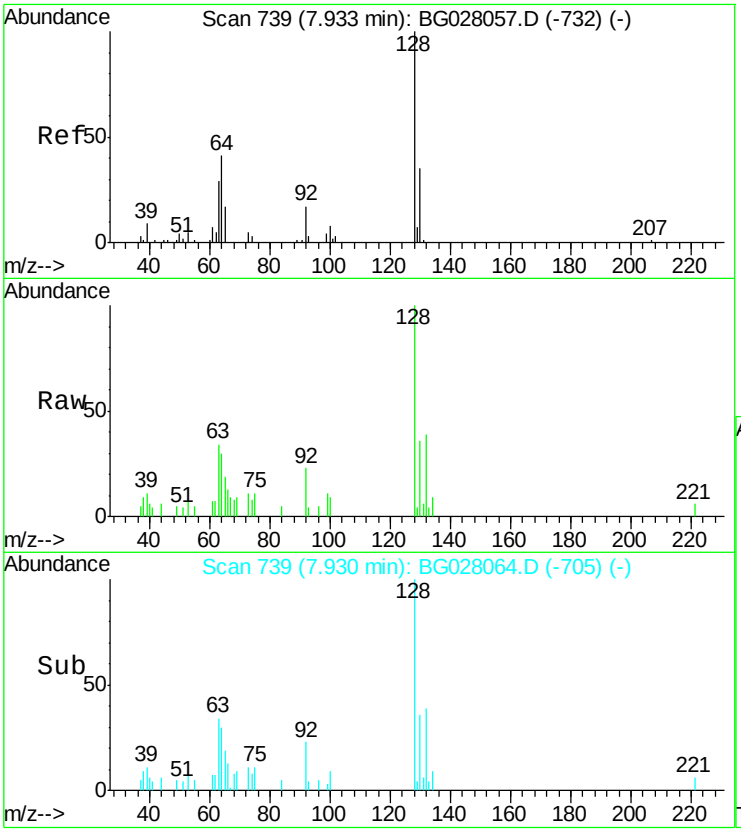


#8
Bis(2-Chloroethyl)ether
Concen: 3.785 ng/ul
RT: 7.77 min Scan# 712
Delta R.T. -0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion: 93 Resp: 6159

Ion	Ratio	Lower	Upper
93	100		
63	87.3	59.4	89.2
95	30.7	26.4	39.6

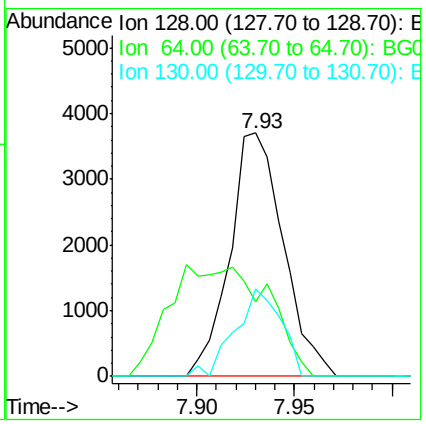




#10
2-Chlorophenol
Concen: 3.817 ng/ul
RT: 7.93 min Scan# 739
Delta R.T. -0.00 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:128 Resp: 7026

Ion	Ratio	Lower	Upper
128	100		
64	30.5	39.8	59.6#
130	36.0	25.8	38.8



Instrument :
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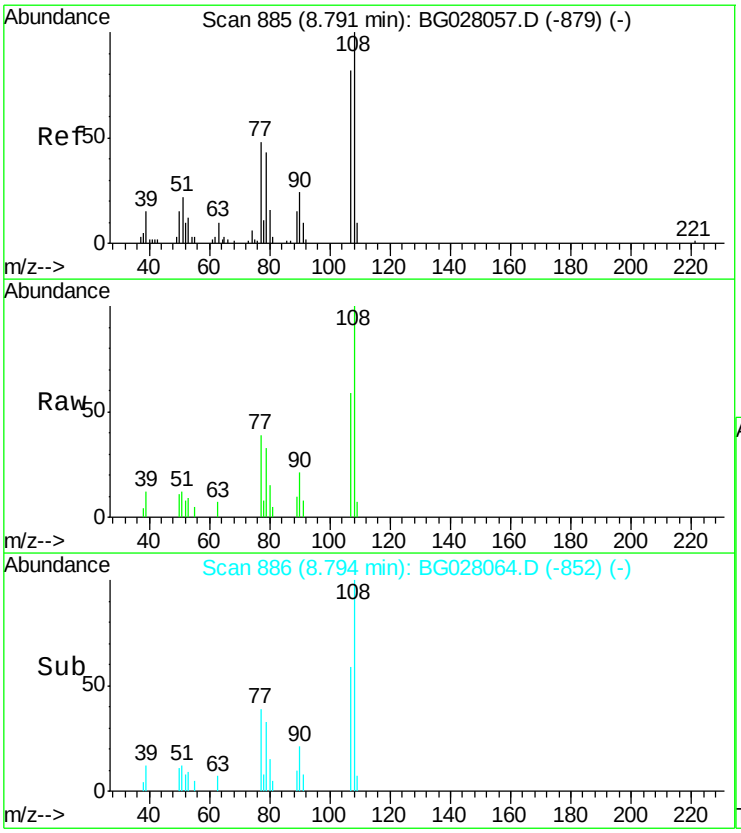
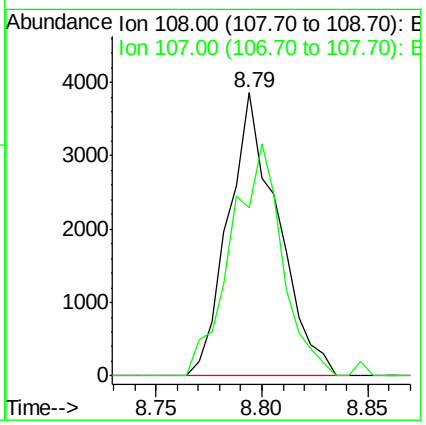
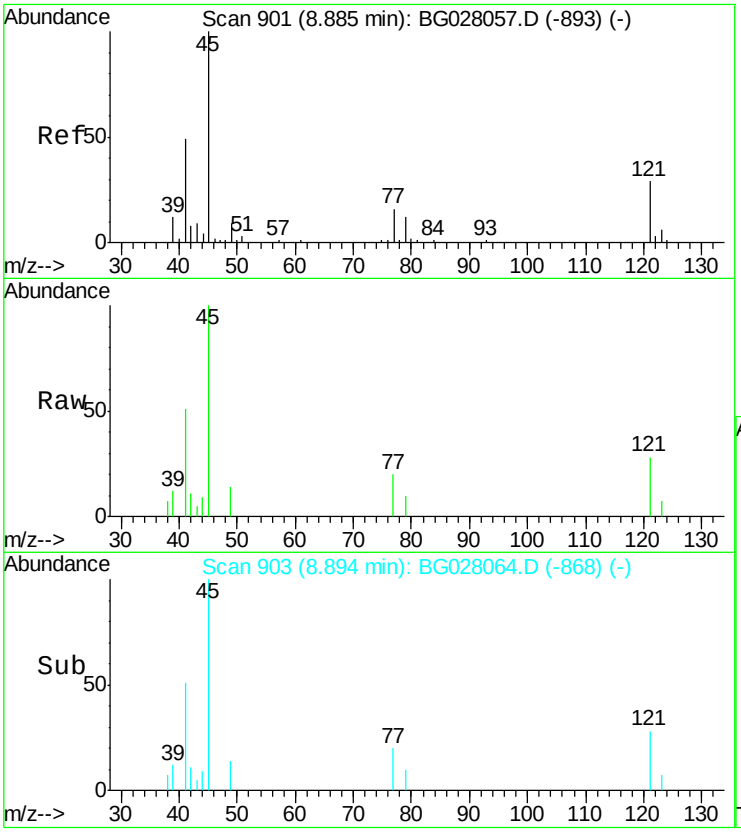


#11
2-Methylphenol
Concen: 3.489 ng/ul
RT: 8.79 min Scan# 886
Delta R.T. -0.00 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:108 Resp: 6253

Ion	Ratio	Lower	Upper
108	100		
107	59.2	74.1	111.1#





#12
2,2'-oxybis(1-Chloropropane)
Concen: 3.190 ng/ul
RT: 8.89 min Scan# 903
Delta R.T. 0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion: 45 Resp: 6814

Ion	Ratio	Lower	Upper
45	100		
77	20.3	12.5	18.7#
79	10.3	9.4	14.2

Instrument :
BNA_G
ClientSampleId :
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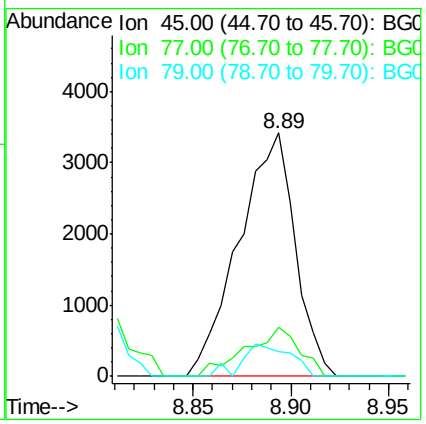
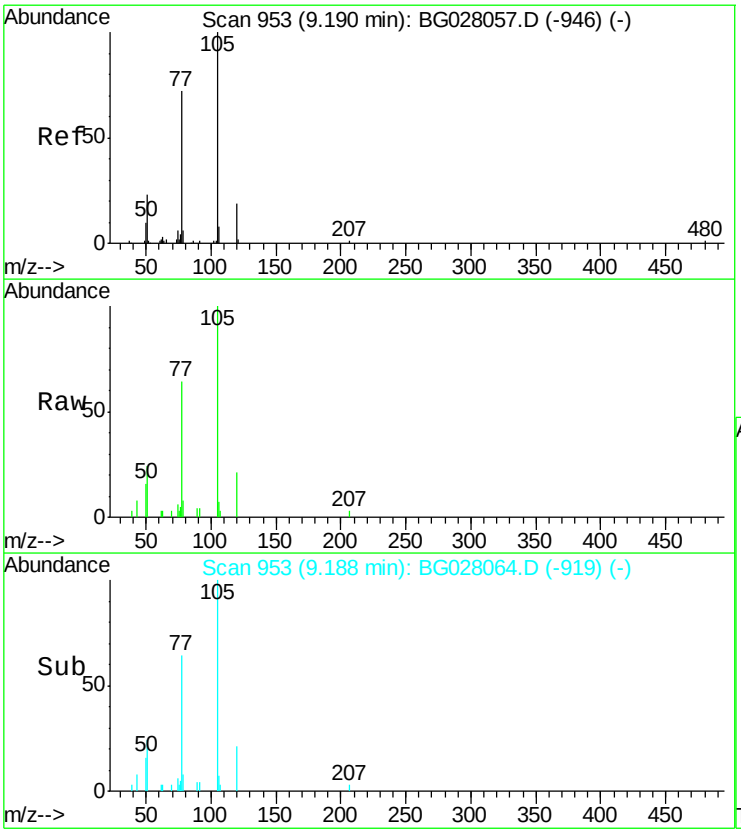
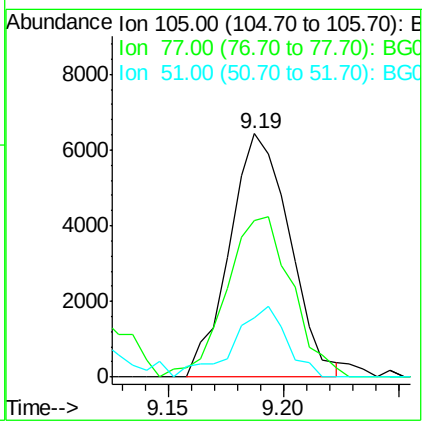


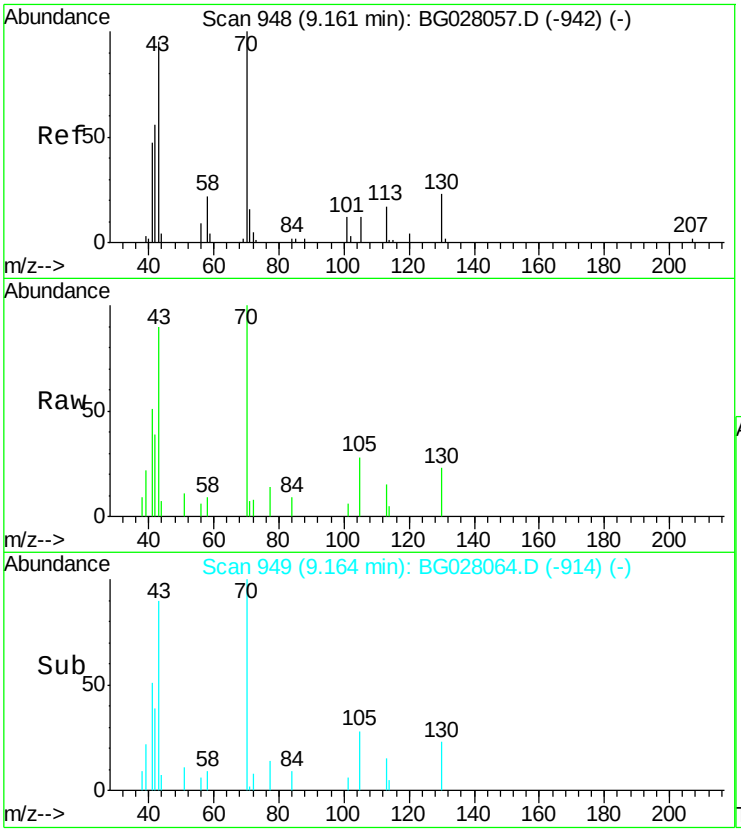


#14
Acetophenone
Concen: 3.793 ng/ul
RT: 9.19 min Scan# 953
Delta R.T. -0.00 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:105 Resp: 11659

Ion	Ratio	Lower	Upper
105	100		
77	64.1	63.2	94.8
51	24.3	19.8	29.8





#15
N-Nitroso-di-n-propylamine
Concen: 2.371 ng/ul
RT: 9.16 min Scan# 949
Delta R.T. 0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Instrument :
BNA_G
ClientSampleId :
MDL-S-ML-07

Manual Integrations APPROVED
Sohil
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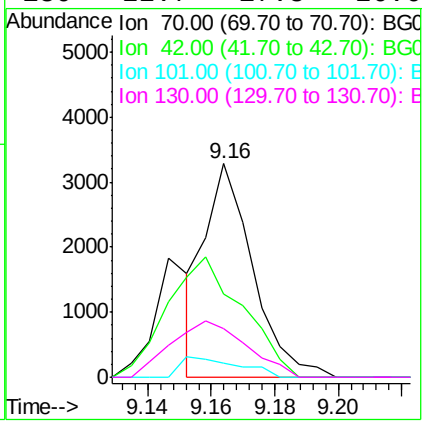
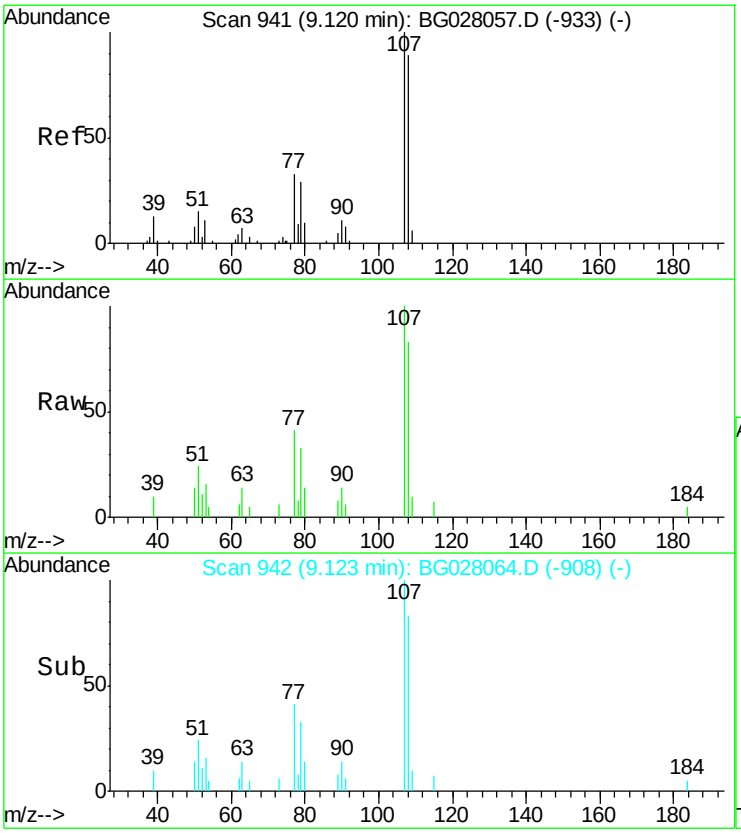
Tgt Ion: 70 Resp: 3422

Ion	Ratio	Lower	Upper
70	100		
42	38.9	40.2	60.4#
101	6.3	7.7	11.5#
130	22.7	17.8	26.6

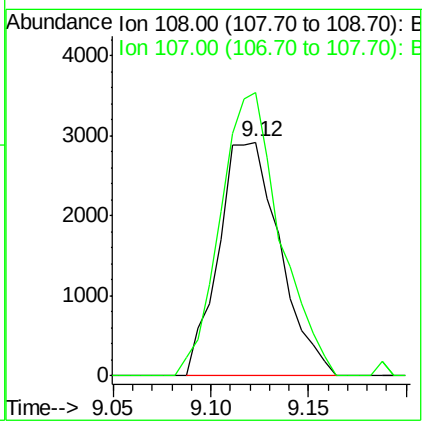


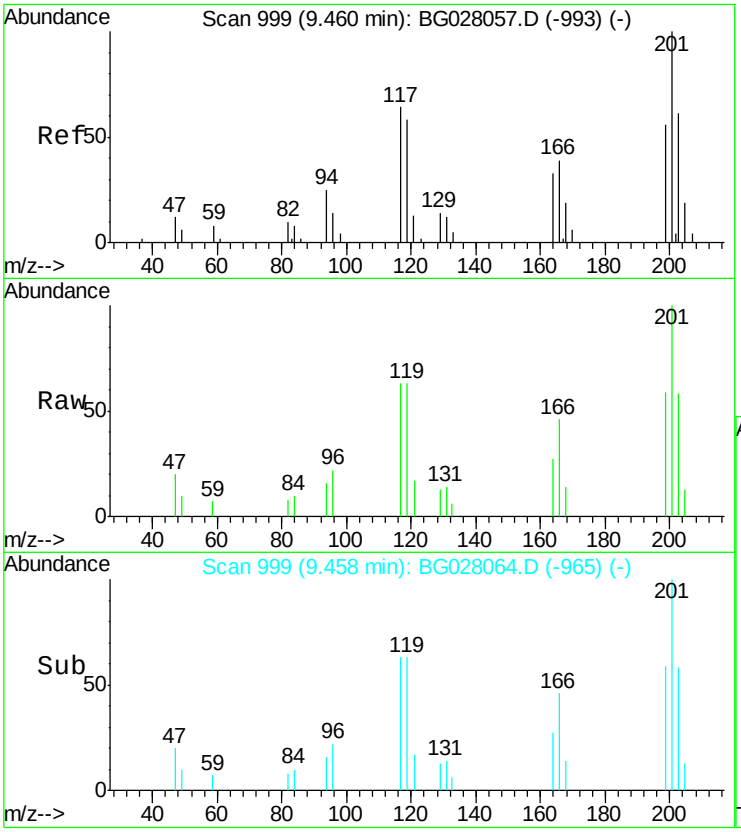


#16
4-Methylphenol
Concen: 3.188 ng/ul
RT: 9.12 min Scan# 942
Delta R.T. -0.00 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:108 Resp: 6339

Ion	Ratio	Lower	Upper
108	100		
107	121.0	93.6	140.4





#17
Hexachloroethane
Concen: 3.820 ng/ul
RT: 9.46 min Scan# 999
Delta R.T. -0.00 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:117 Resp: 2813

Ion	Ratio	Lower	Upper
117	100		
201	158.7	96.1	144.1#
199	93.9	59.7	89.5#

Instrument :
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ClientSampleId :
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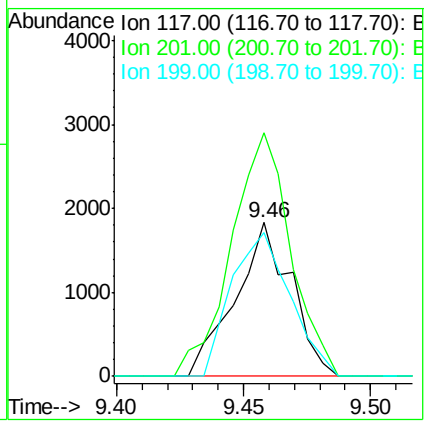
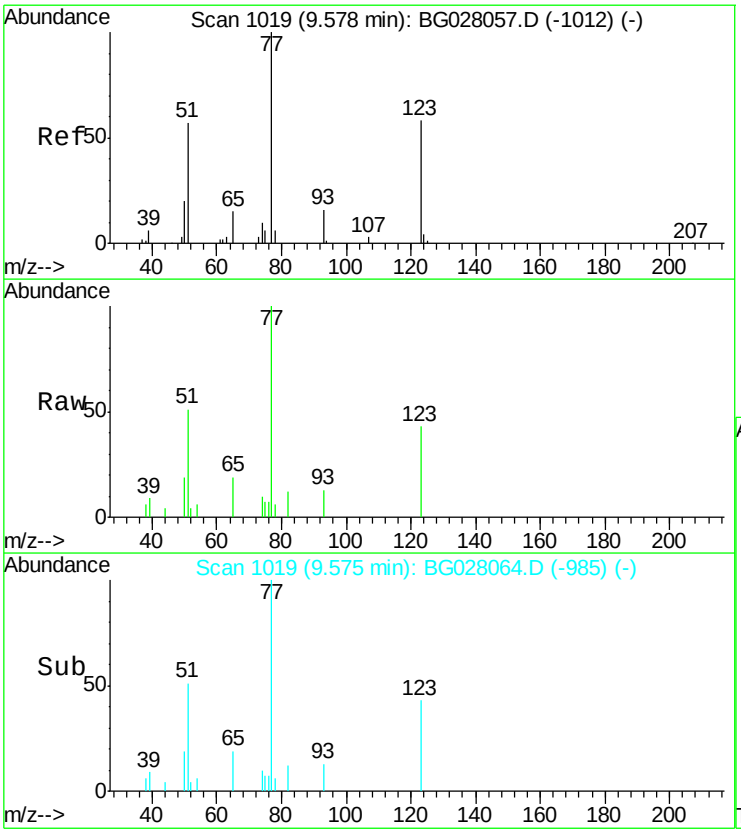
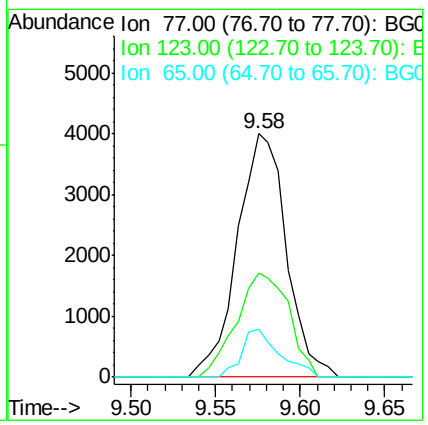


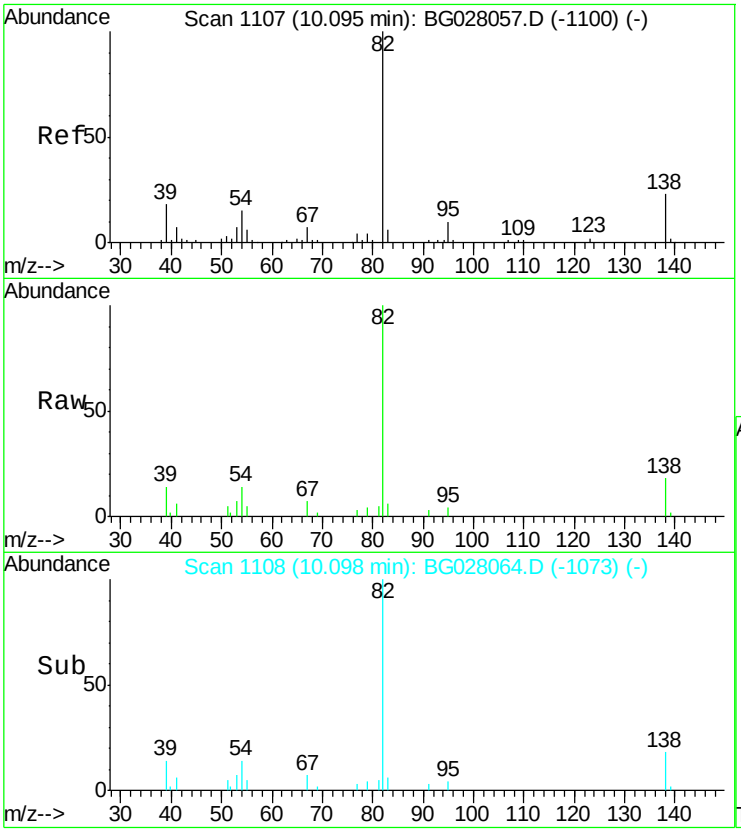


#20
Nitrobenzene
Concen: 3.950 ng/ul
RT: 9.58 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion: 77 Resp: 8048

Ion	Ratio	Lower	Upper
77	100		
123	42.6	31.8	47.8
65	19.4	10.6	16.0#





#21
Isophorone
Concen: 3.627 ng/ul
RT: 10.10 min Scan# 1108
Delta R.T. 0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion: 82 Resp: 14121

Ion	Ratio	Lower	Upper
82	100		
95	3.7	6.1	9.1#
138	18.0	13.5	20.3

Instrument :
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ClientSampleId :
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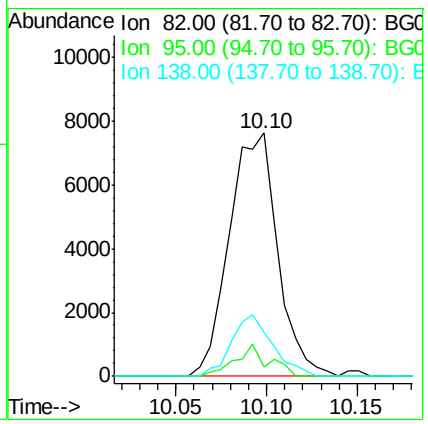
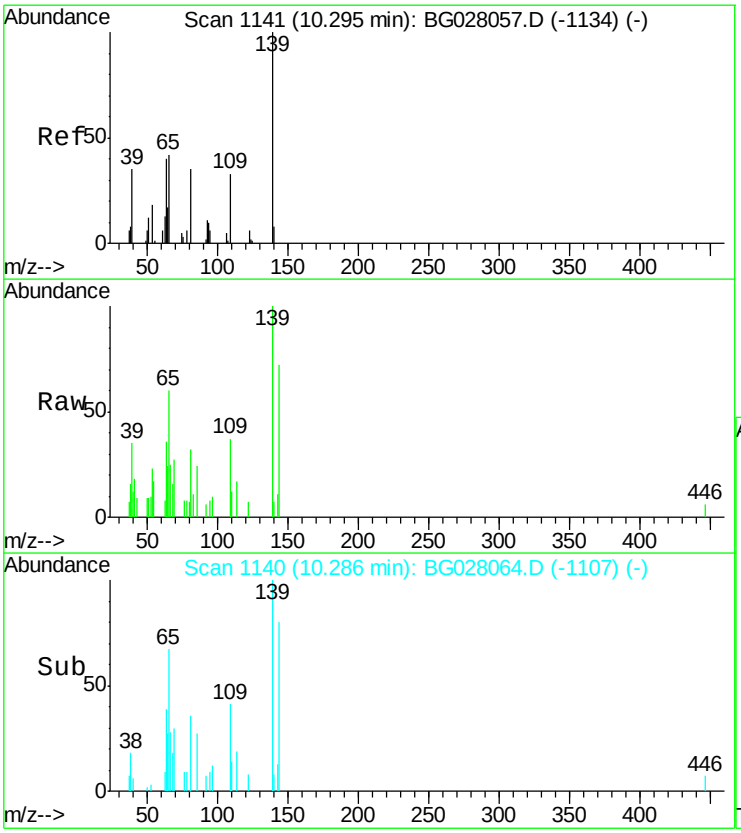
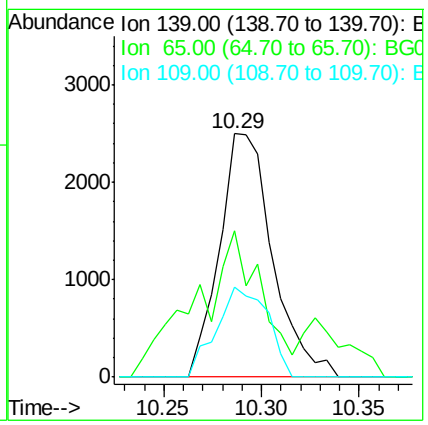


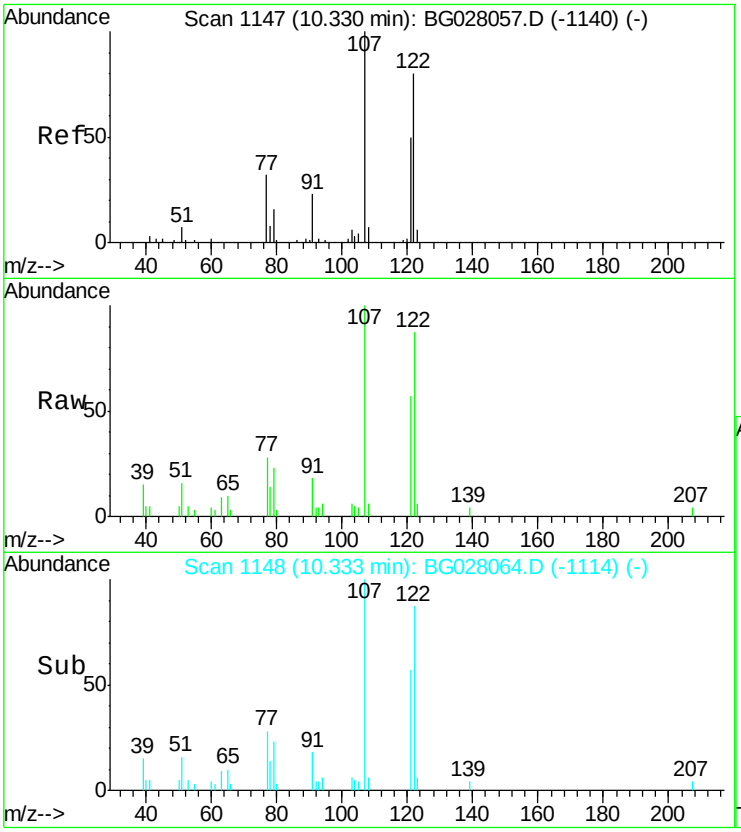


#23
2-Nitrophenol
Concen: 4.054 ng/ul
RT: 10.29 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:139 Resp: 4721

Ion	Ratio	Lower	Upper
139	100		
65	60.0	45.3	67.9
109	37.1	27.7	41.5





#24
2,4-Dimethylphenol
Concen: 3.569 ng/ul
RT: 10.33 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:107 Resp: 8312

Ion	Ratio	Lower	Upper
107	100		
121	57.0	38.1	57.1
122	86.8	63.8	95.8

Instrument :
BNA_G
ClientSampleId :
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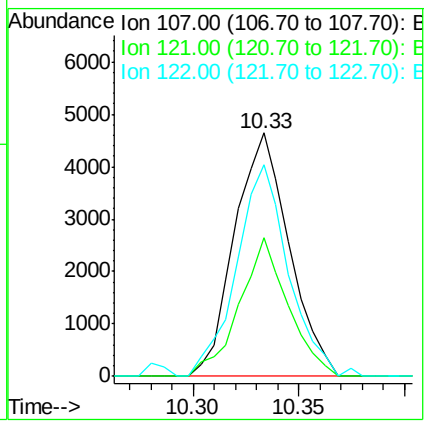
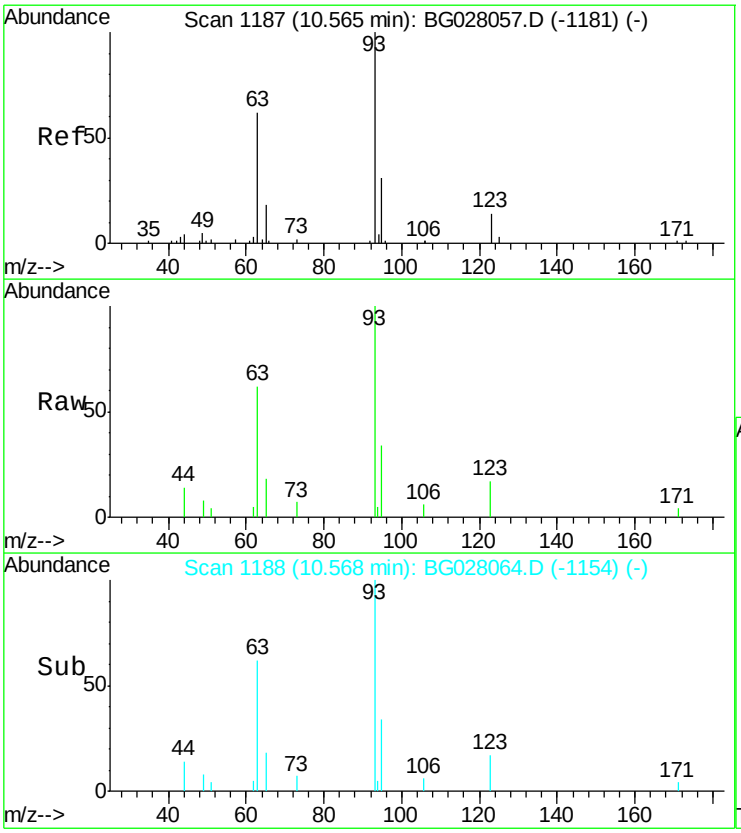
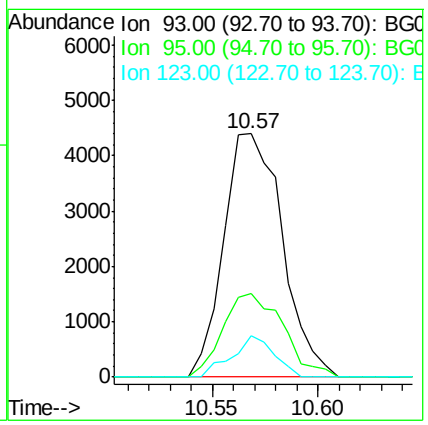


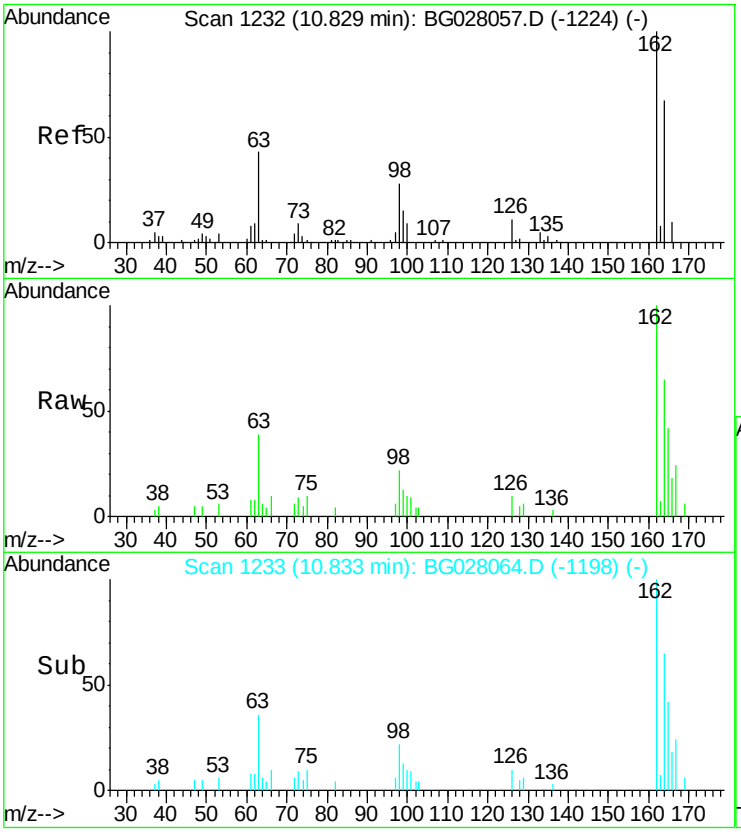


#25
Bis(2-Chloroethoxy)methane
Concen: 3.738 ng/ul
RT: 10.57 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion: 93 Resp: 8454

Ion	Ratio	Lower	Upper
93	100		
95	34.4	24.7	37.1
123	17.2	8.2	12.2#





#27
2,4-Dichlorophenol
Concen: 3.842 ng/ul
RT: 10.83 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:162 Resp: 8708

Ion	Ratio	Lower	Upper
162	100		
164	65.5	52.0	78.0
98	22.1	26.6	39.8#

Instrument :
BNA_G
ClientSampleId :
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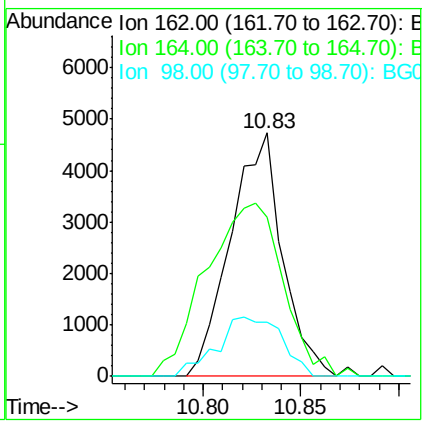
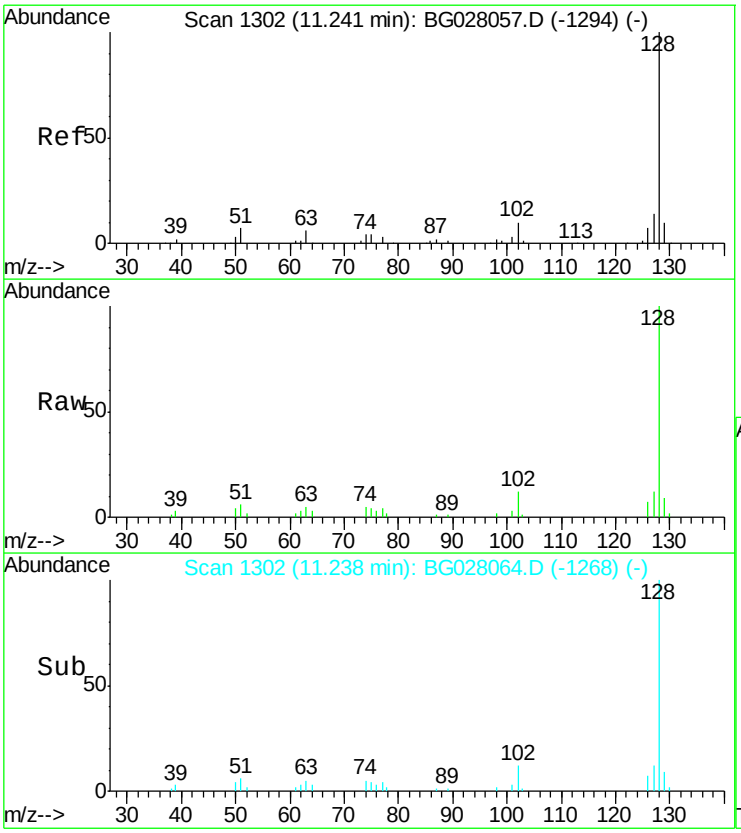
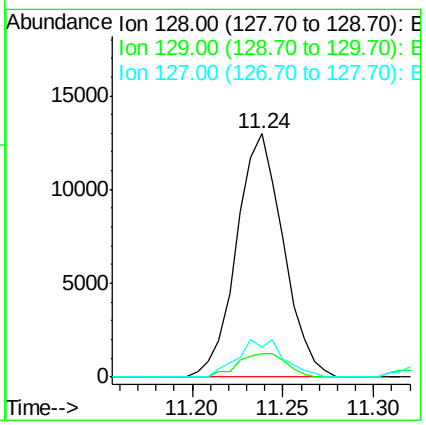


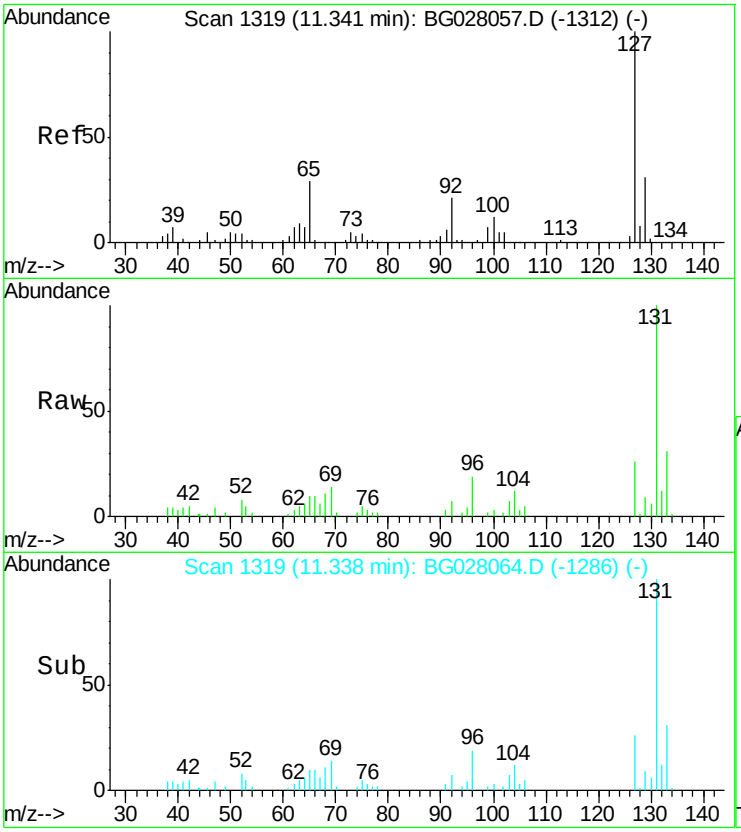


#28
Naphthalene
Concen: 3.803 ng/ul
RT: 11.24 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:128 Resp: 23300

Ion	Ratio	Lower	Upper
128	100		
129	9.4	8.3	12.5
127	12.4	10.8	16.2

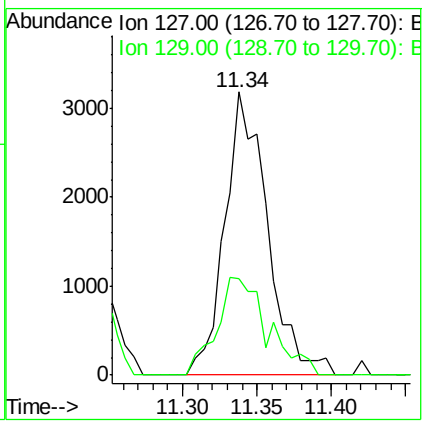




#30
4-Chloroaniline
Concen: 2.774 ng/ul m
RT: 11.34 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:127 Resp: 6334

Ion	Ratio	Lower	Upper
127	100		
129	34.2	24.6	37.0



Instrument :
BNA_G
ClientSampleId :
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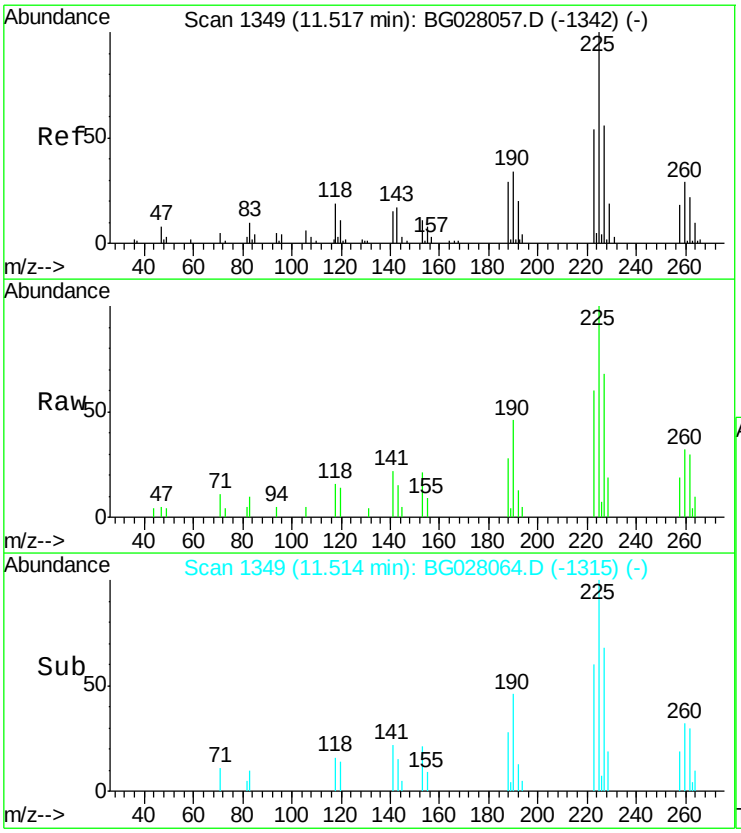
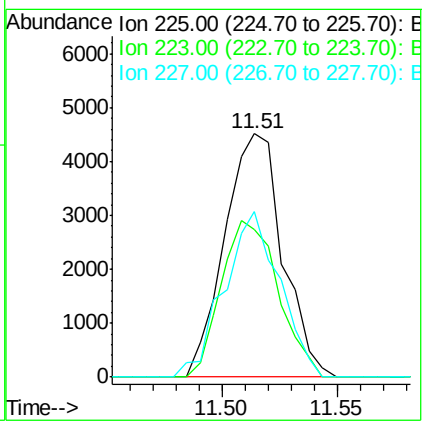
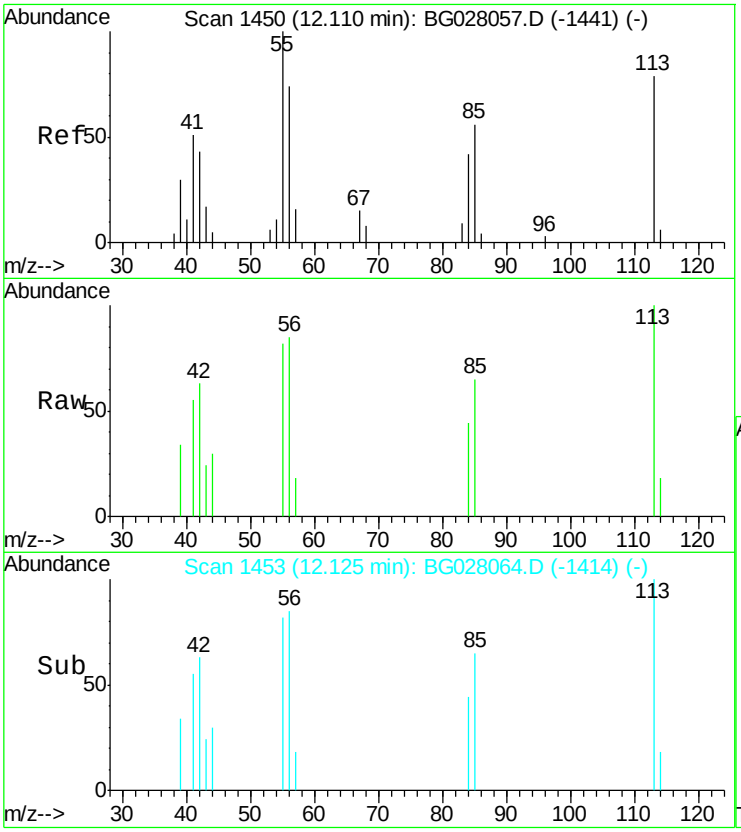


#31
Hexachlorobutadiene
Concen: 4.018 ng/ul
RT: 11.51 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:225 Resp: 7879

Ion	Ratio	Lower	Upper
225	100		
223	60.4	48.1	72.1
227	67.8	52.1	78.1





#32
Caprolactam
Concen: 3.523 ng/ul m
RT: 12.13 min Scan# 1453
Delta R.T. 0.03 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:113 Resp: 2563

Ion	Ratio	Lower	Upper
113	100		
55	81.9	131.7	197.5#
56	85.5	92.7	139.1#

Instrument :
BNA_G
ClientSampleId :
MDL-S-ML-07

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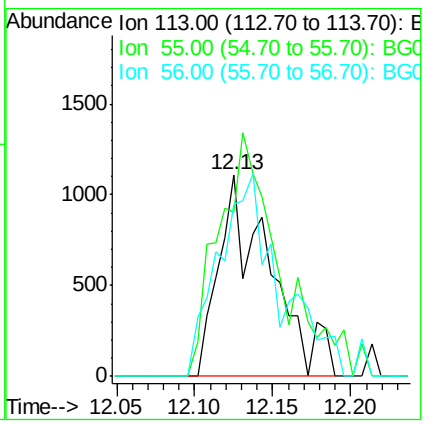
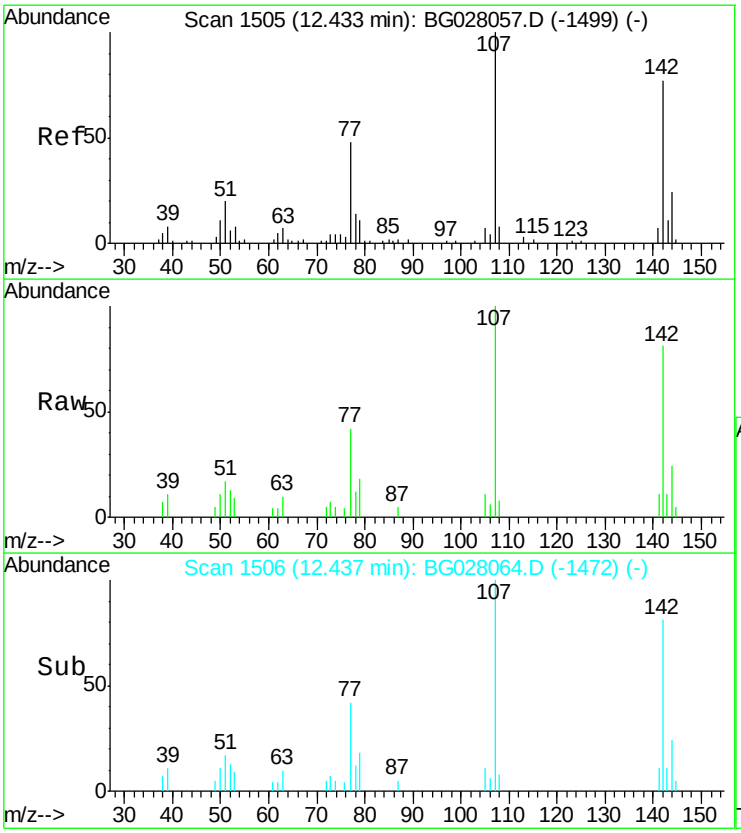
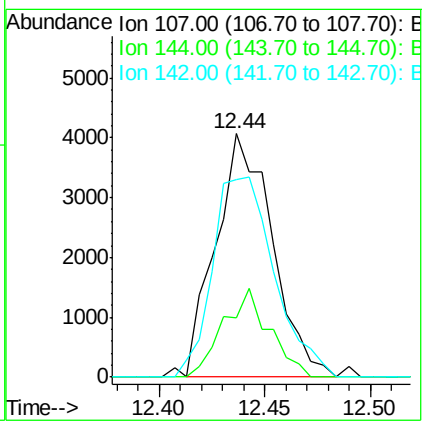


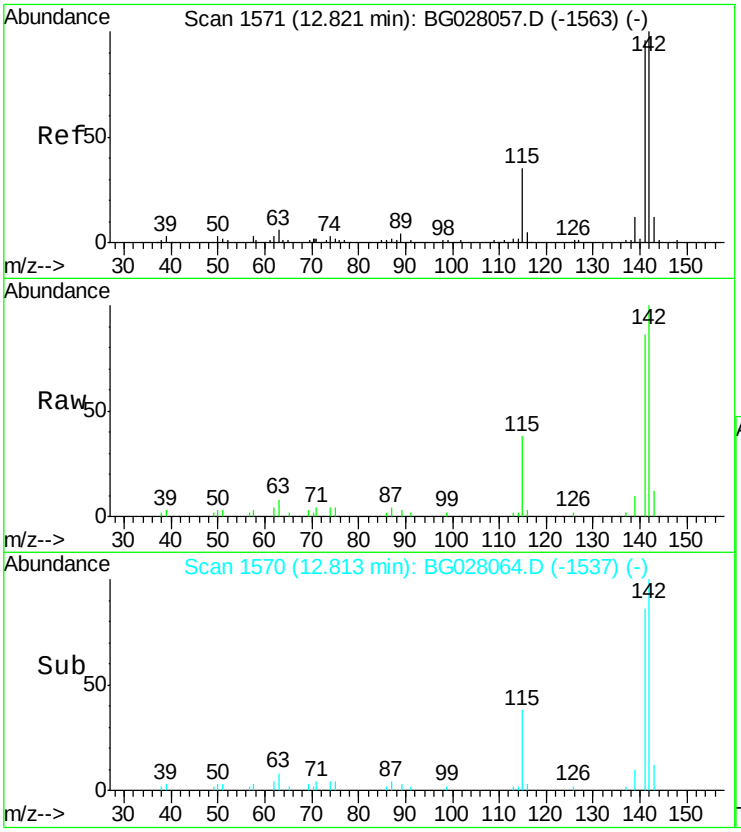


#33
4-Chloro-3-methylphenol
Concen: 3.421 ng/ul
RT: 12.44 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:107 Resp: 7555

Ion	Ratio	Lower	Upper
107	100		
144	24.1	21.1	31.7
142	80.9	60.1	90.1





#34
2-Methylnaphthalene
Concen: 3.959 ng/ul
RT: 12.81 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:142 Resp: 20936

Ion	Ratio	Lower	Upper
142	100		
141	86.2	71.4	107.2

Instrument :
BNA_G
ClientSampleId :
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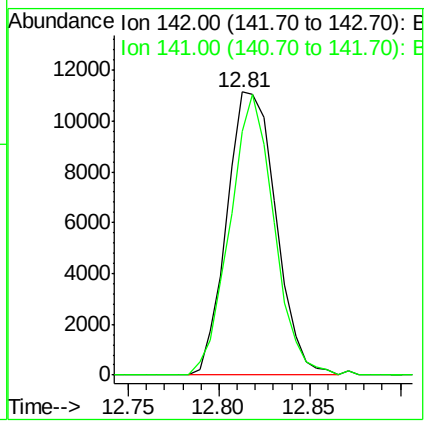
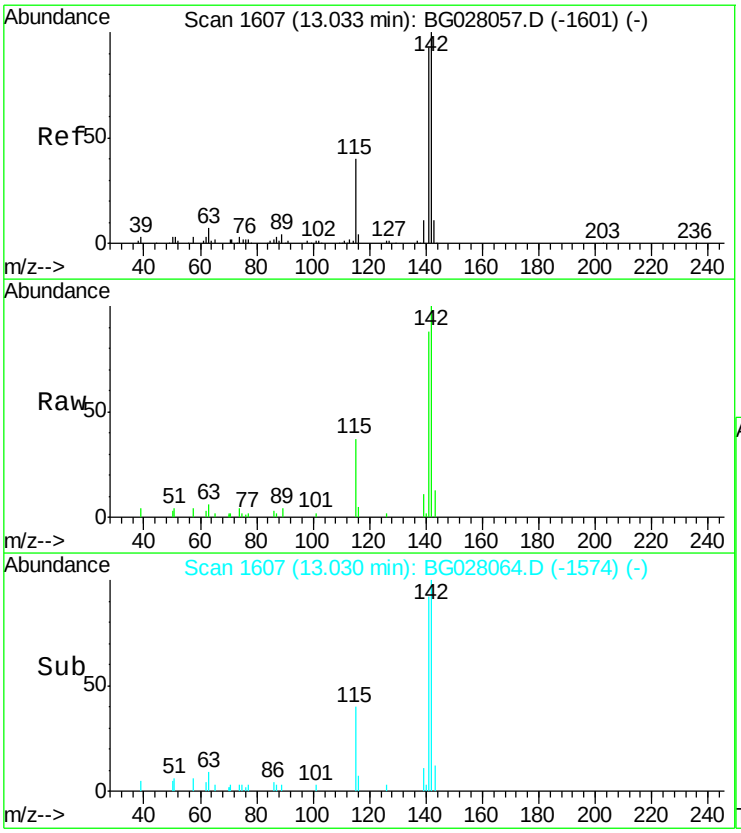
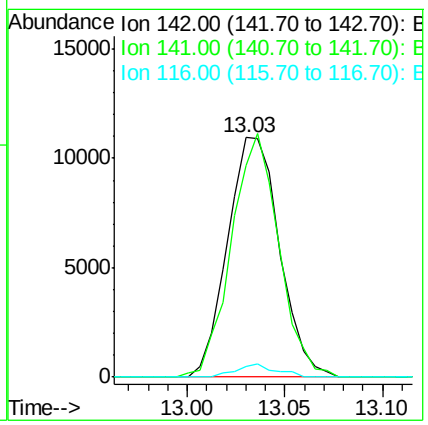


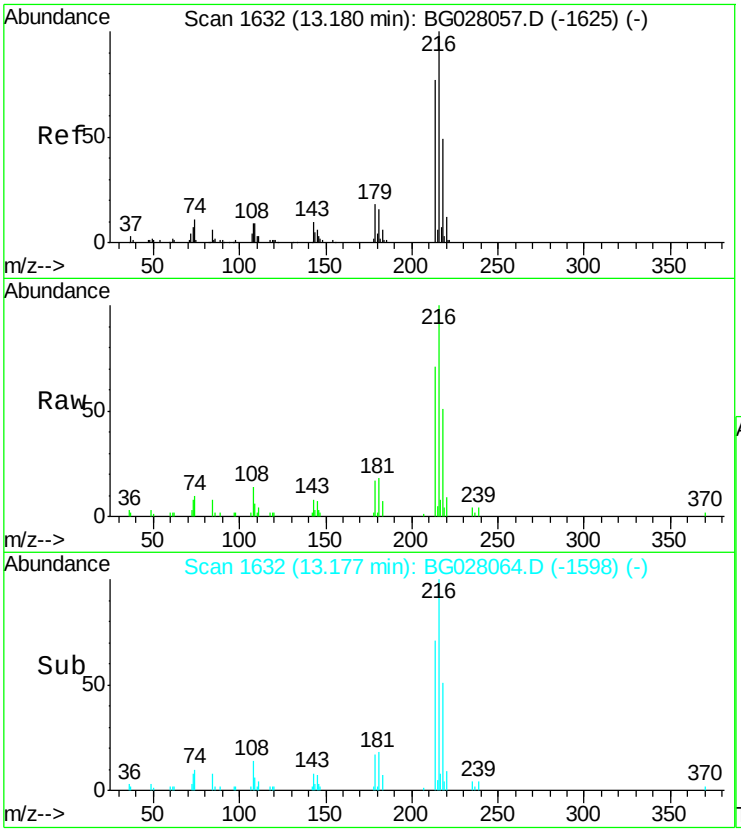


#35
1-Methylnaphthalene
Concen: 3.931 ng/ul
RT: 13.03 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:142 Resp: 20158

Ion	Ratio	Lower	Upper
142	100		
141	88.4	76.6	115.0
116	4.6	3.6	5.4

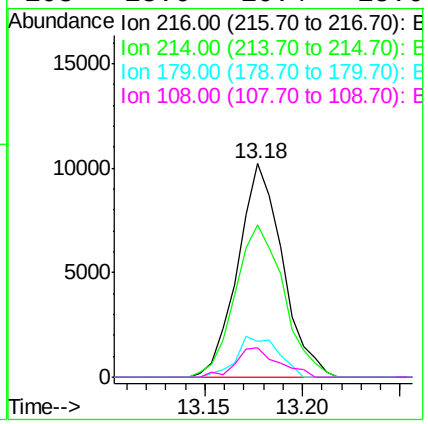




#37
1,2,4,5-Tetrachlorobenzene
Concen: 3.961 ng/ul
RT: 13.18 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:216 Resp: 16236

Ion	Ratio	Lower	Upper
216	100		
214	76.0	64.1	96.1
179	16.9	14.5	21.7
108	13.6	10.4	15.6



Instrument :
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ClientSampleId :
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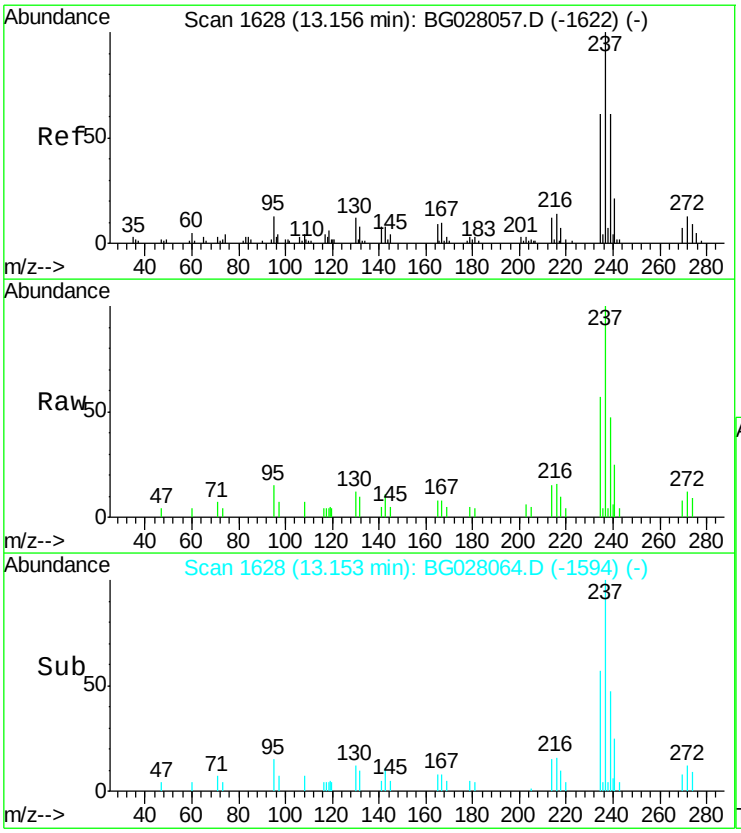
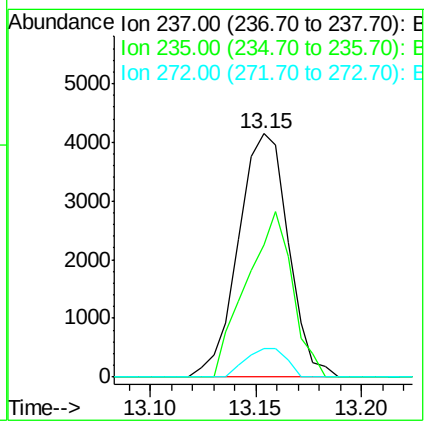
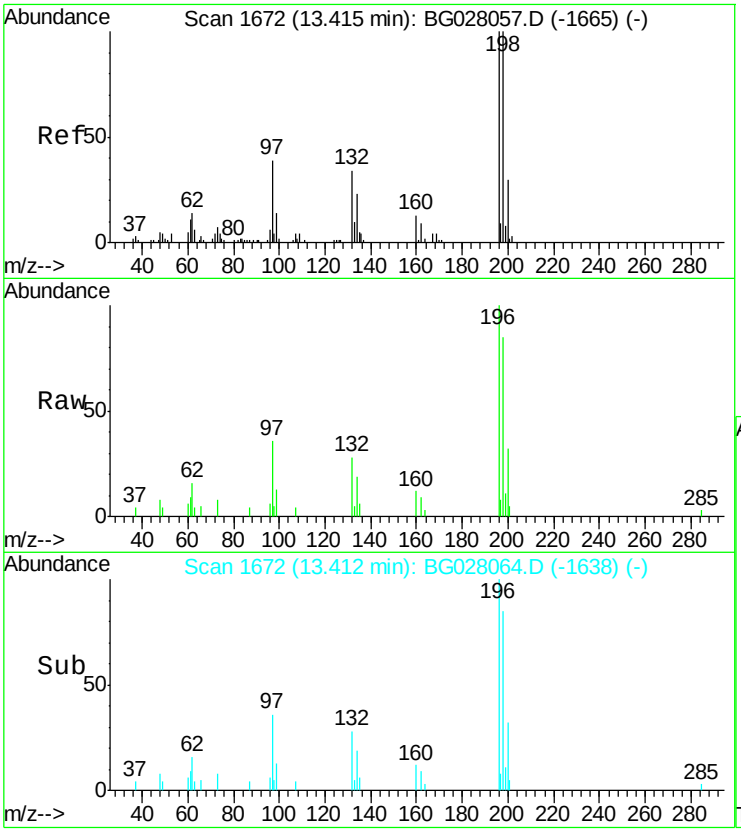


#38
Hexachlorocyclopentadiene
Concen: 2.834 ng/ul
RT: 13.15 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:237 Resp: 6811

Ion	Ratio	Lower	Upper
237	100		
235	54.4	49.5	74.3
272	11.8	8.6	12.8

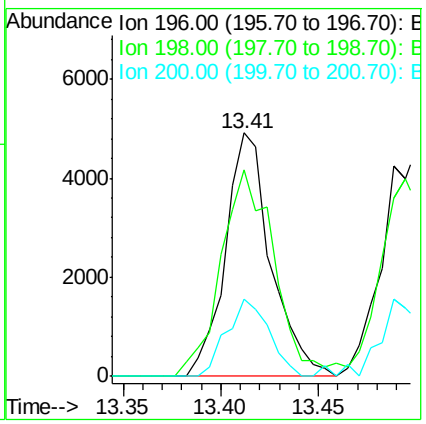




#39
2,4,6-Trichlorophenol
Concen: 3.234 ng/ul
RT: 13.41 min Scan# 1672
Delta R.T. -0.00 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:196 Resp: 7911

Ion	Ratio	Lower	Upper
196	100		
198	84.9	75.9	113.9
200	36.9	25.8	38.6



Instrument :
BNA_G
ClientSampleId :
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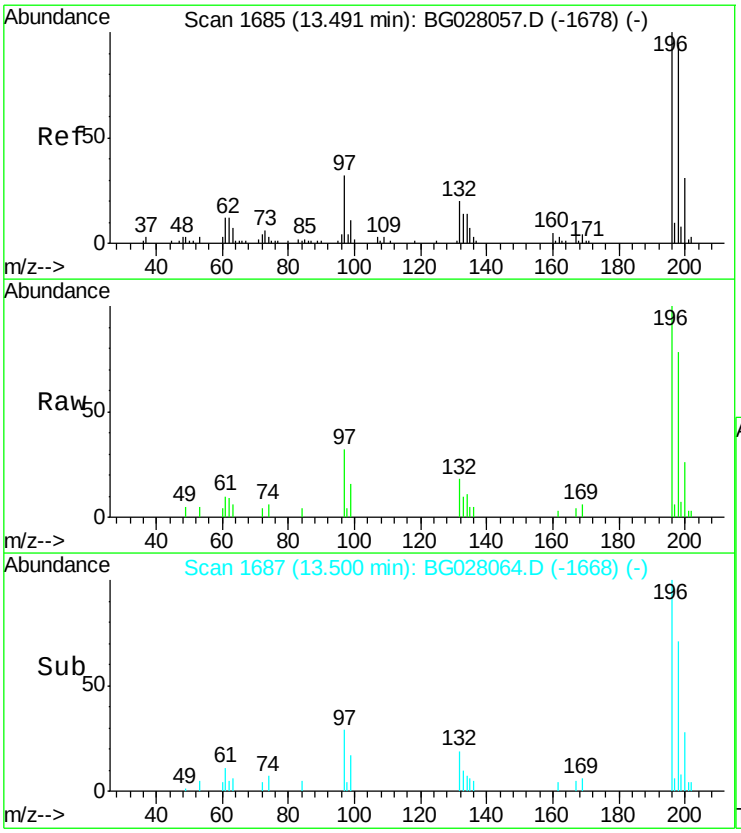
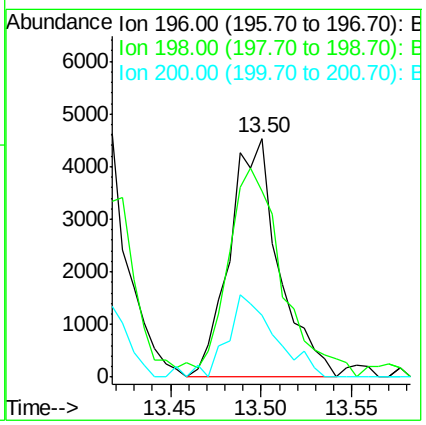
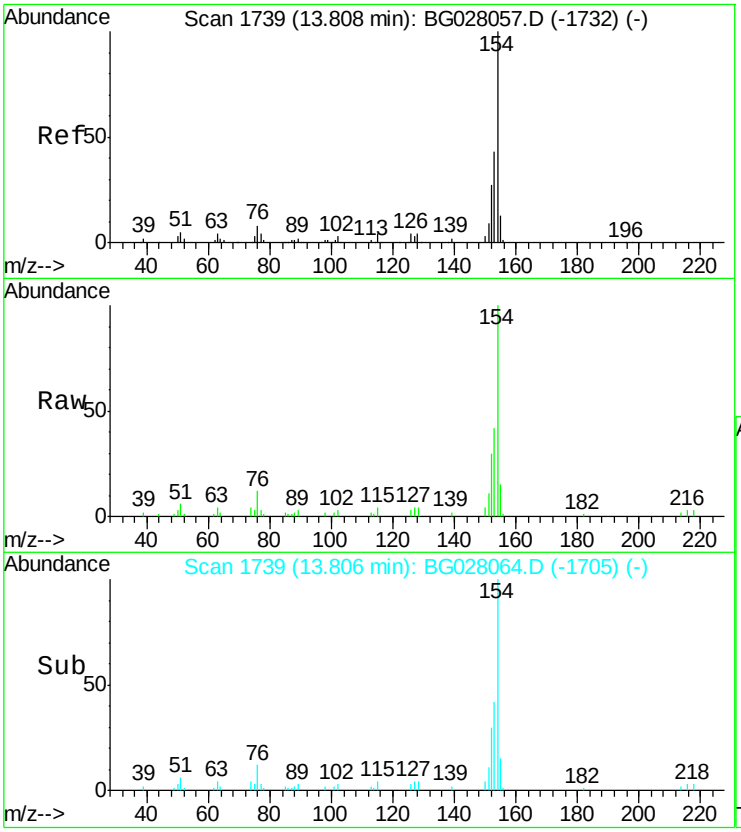


#40
2,4,5-Trichlorophenol
Concen: 3.301 ng/ul
RT: 13.50 min Scan# 1687
Delta R.T. 0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:196 Resp: 8579

Ion	Ratio	Lower	Upper
196	100		
198	77.9	74.7	112.1
200	26.0	25.4	38.0

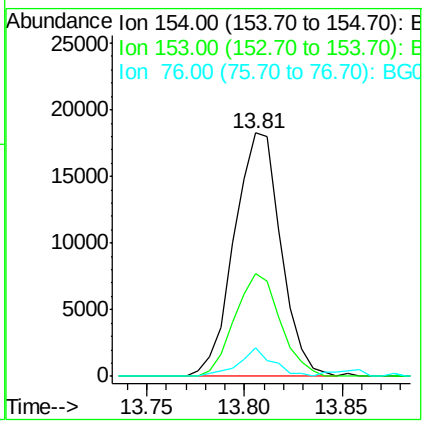




#41
1,1'-Biphenyl
Concen: 3.906 ng/ul
RT: 13.81 min Scan# 1739
Delta R.T. -0.00 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:154 Resp: 30210

Ion	Ratio	Lower	Upper
154	100		
153	42.3	34.0	51.0
76	11.6	8.4	12.6



Instrument :
BNA_G
ClientSampleId :
MDL-S-ML-07

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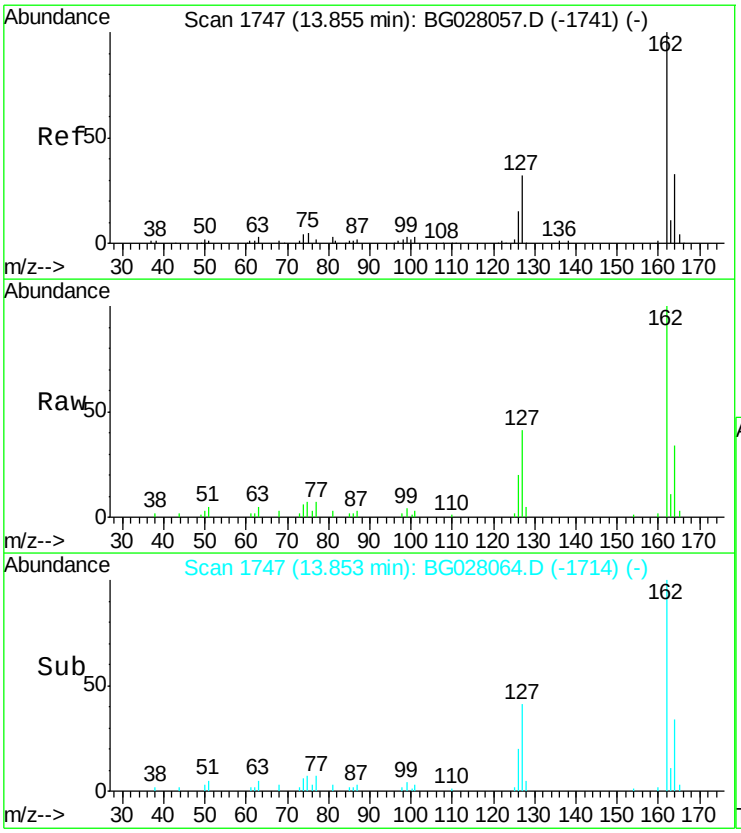
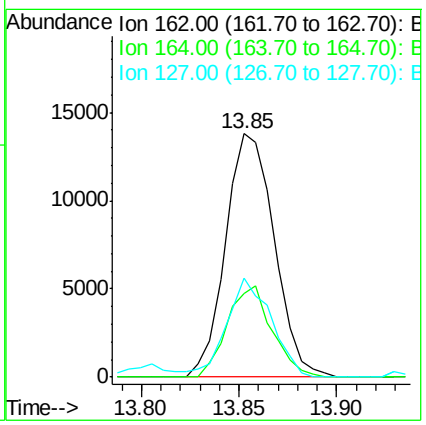
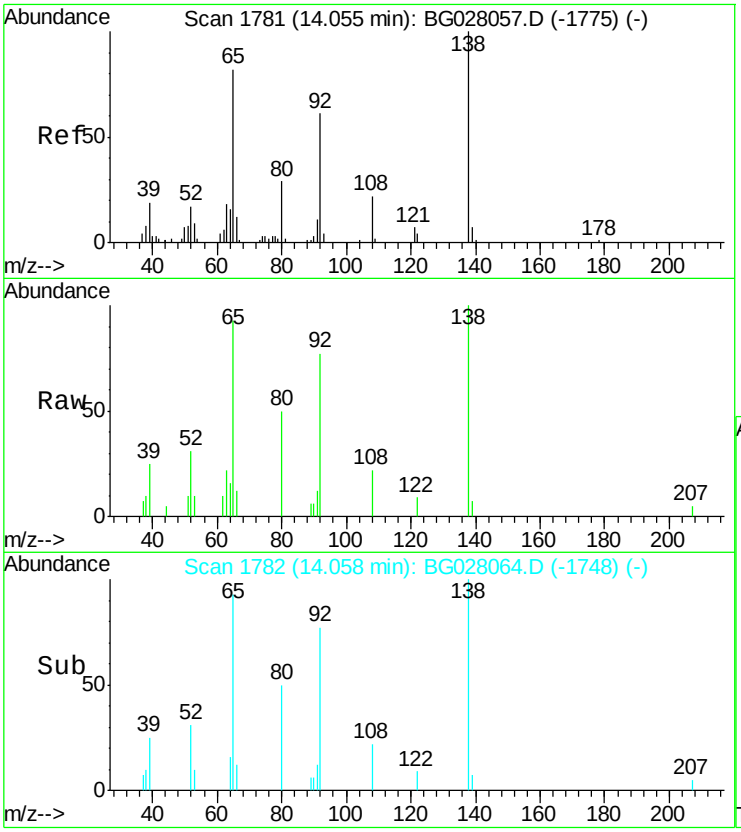


#42
2-Chloronaphthalene
Concen: 3.820 ng/ul
RT: 13.85 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:162 Resp: 23826

Ion	Ratio	Lower	Upper
162	100		
164	34.4	26.2	39.4
127	40.7	29.5	44.3

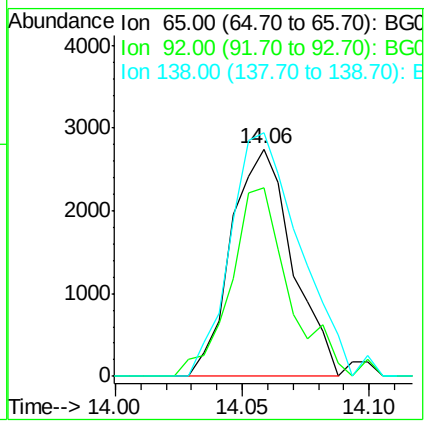




#43
2-Nitroaniline
Concen: 3.136 ng/ul
RT: 14.06 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion: 65 Resp: 4610

Ion	Ratio	Lower	Upper
65	100		
92	83.0	57.0	85.4
138	107.1	87.2	130.8



Instrument :
BNA_G
ClientSampleId :
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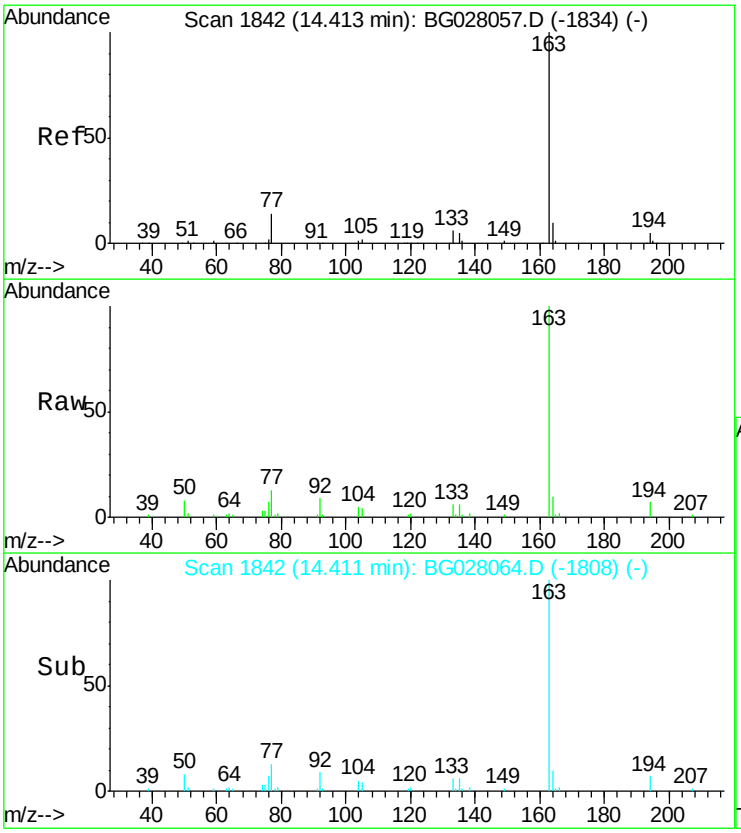
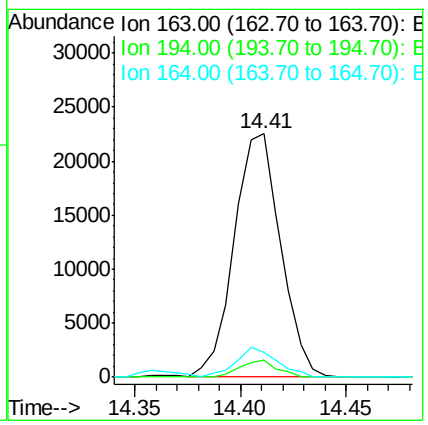
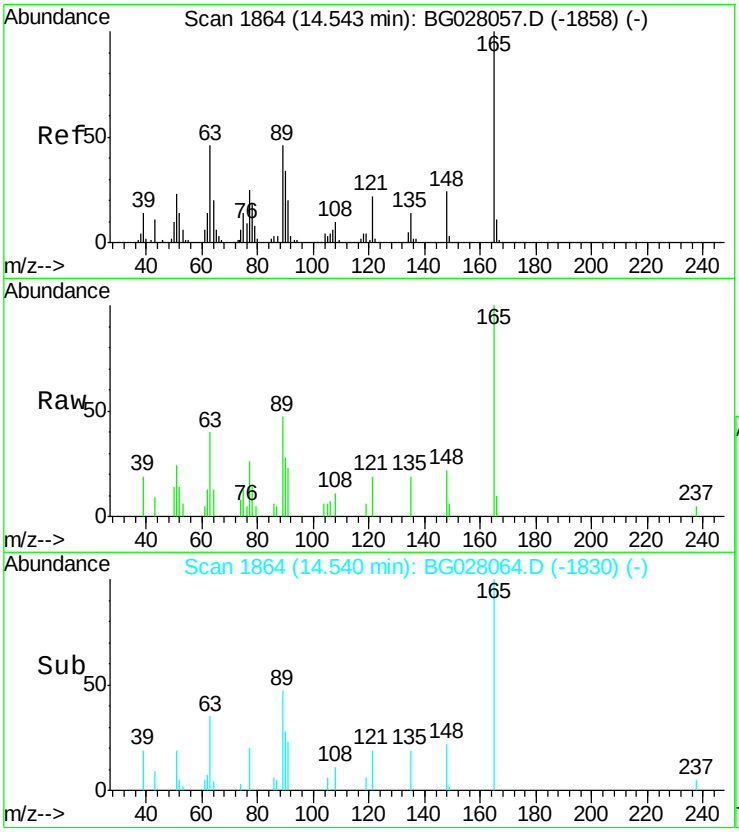


#45
Dimethylphthalate
Concen: 3.897 ng/ul
RT: 14.41 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:163 Resp: 34378

Ion	Ratio	Lower	Upper
163	100		
194	7.2	4.0	6.0#
164	10.3	8.4	12.6

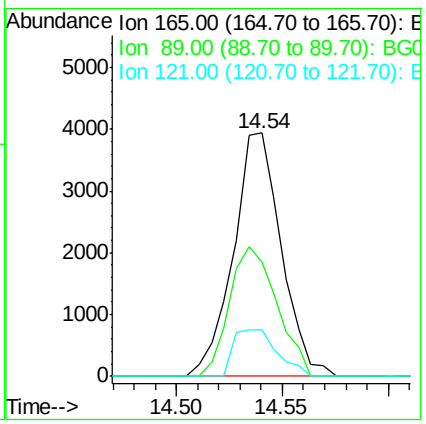




#46
2,6-Dinitrotoluene
Concen: 3.498 ng/ul
RT: 14.54 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:165 Resp: 6195

Ion	Ratio	Lower	Upper
165	100		
89	47.2	43.8	65.8
121	19.0	17.8	26.6



Instrument :
BNA_G
ClientSampleId :
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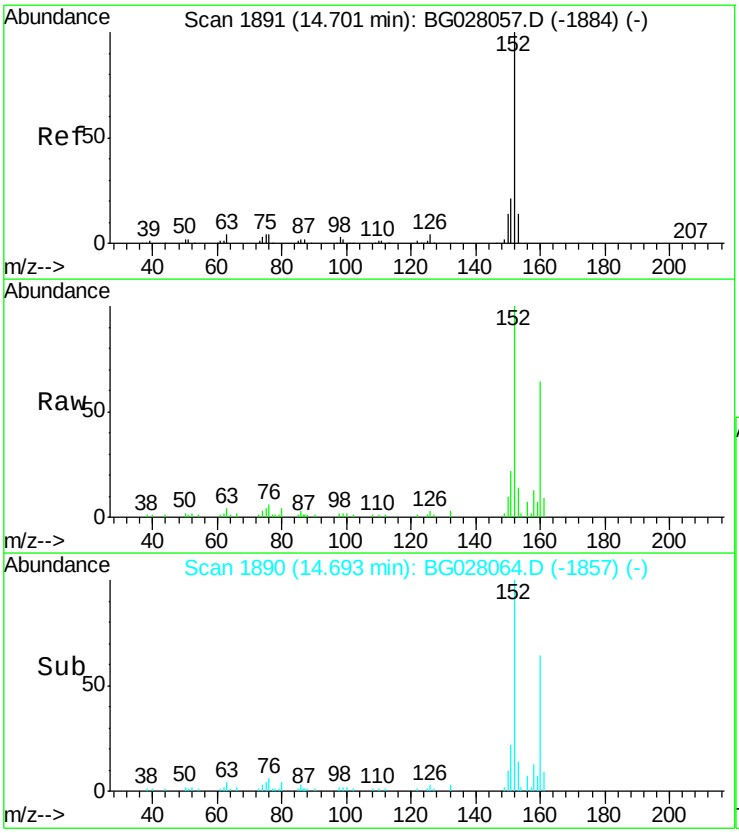
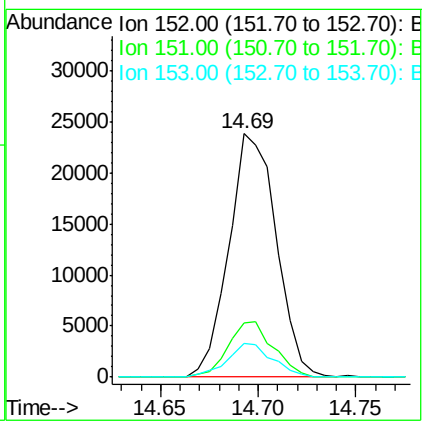
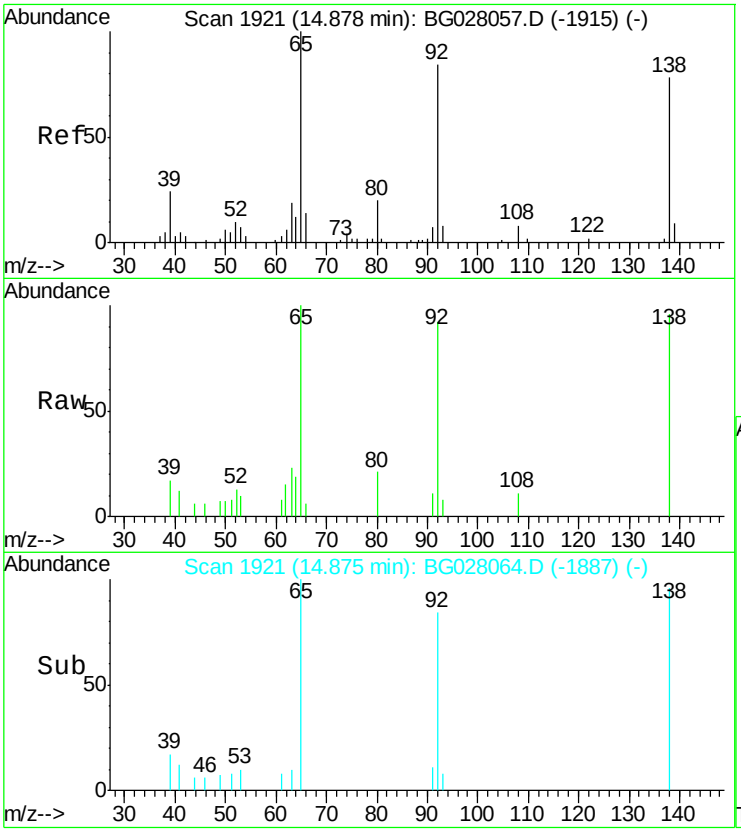


#48
Acenaphthylene
Concen: 4.056 ng/ul
RT: 14.69 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:152 Resp: 40041

Ion	Ratio	Lower	Upper
152	100		
151	22.4	16.1	24.1
153	13.7	10.8	16.2

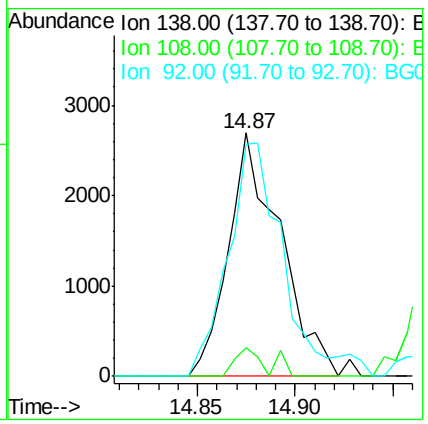




#49
3-Nitroaniline
Concen: 3.361 ng/ul
RT: 14.87 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:138 Resp: 4946

Ion	Ratio	Lower	Upper
138	100		
108	11.8	7.6	11.4#
92	95.3	94.2	141.2



Instrument :
BNA_G
ClientSampleId :
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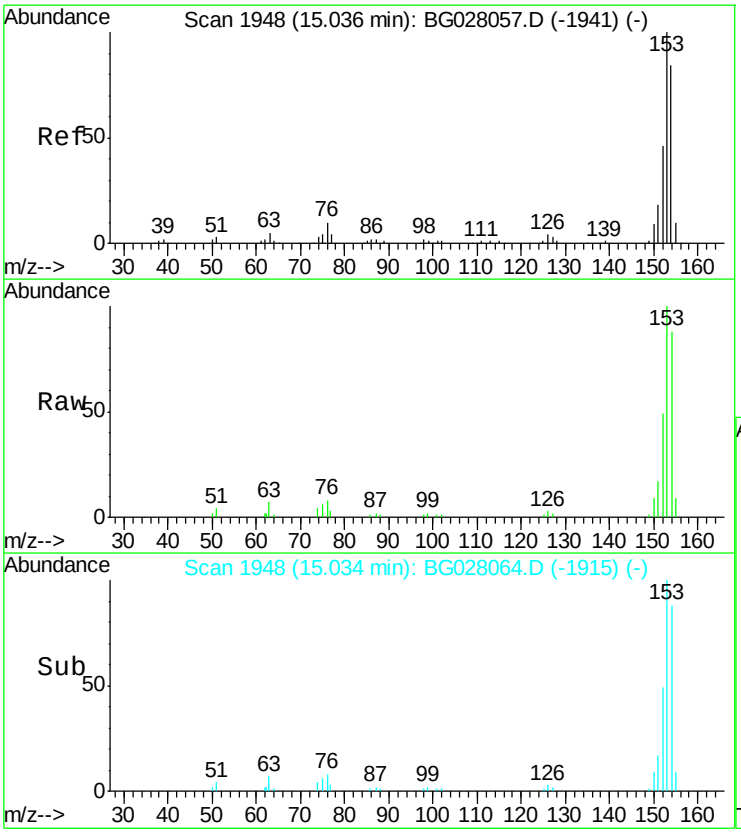
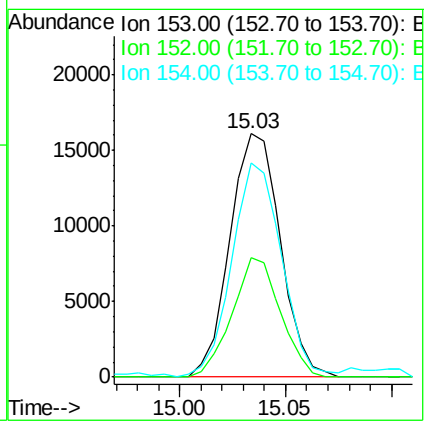
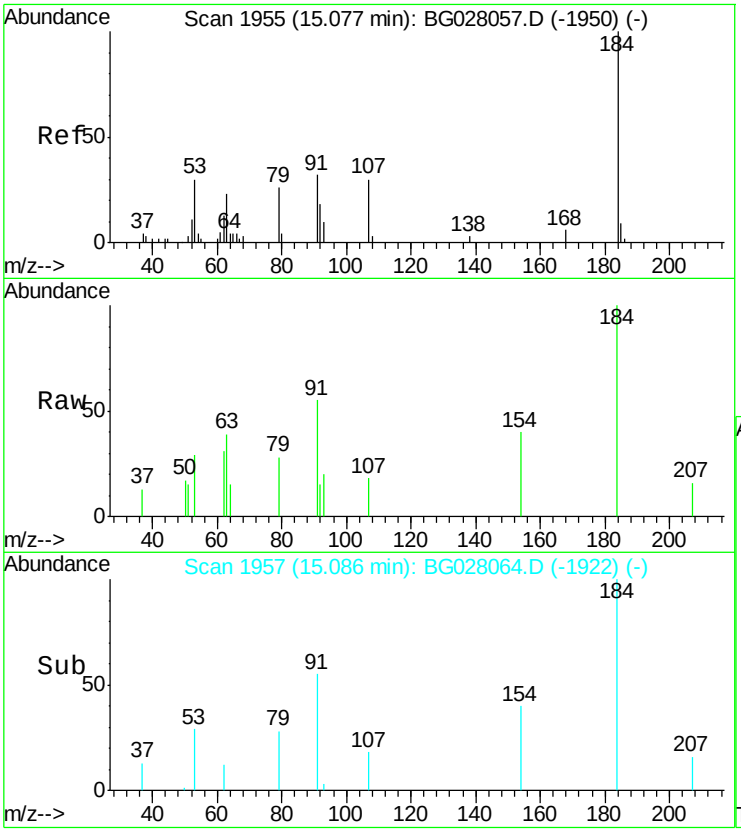


#50
Acenaphthene
Concen: 3.942 ng/ul
RT: 15.03 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:153 Resp: 26651

Ion	Ratio	Lower	Upper
153	100		
152	49.0	37.9	56.9
154	87.9	69.8	104.6

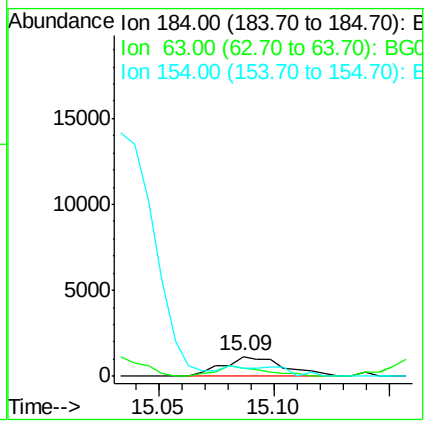




#51
2,4-Dinitrophenol
Concen: 1.845 ng/ul
RT: 15.09 min Scan# 1957
Delta R.T. 0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:184 Resp: 2085

Ion	Ratio	Lower	Upper
184	100		
63	38.5	39.7	59.5#
154	40.2	45.0	67.6#



Instrument :
BNA_G
ClientSampleId :
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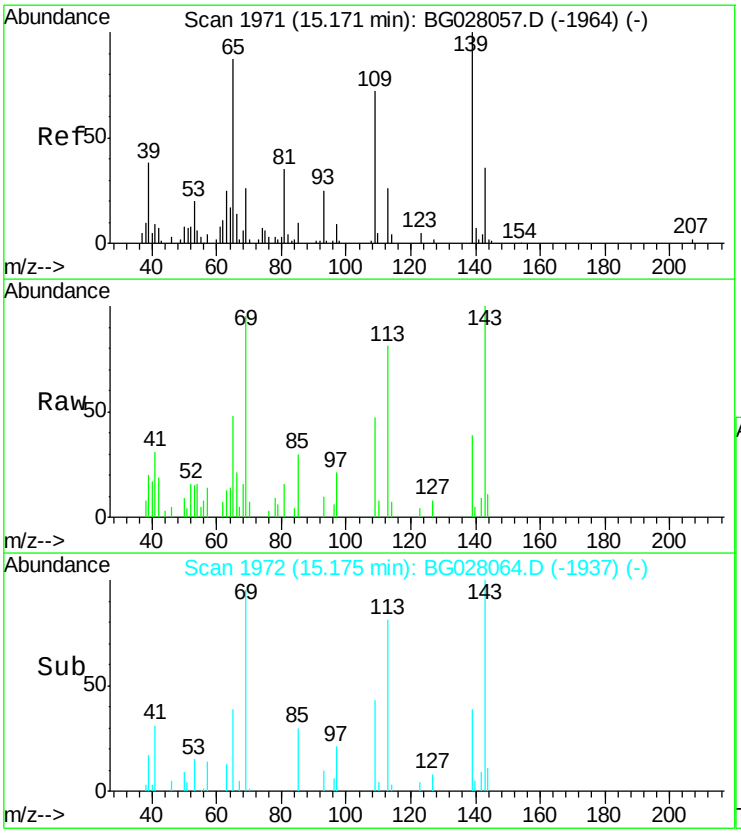
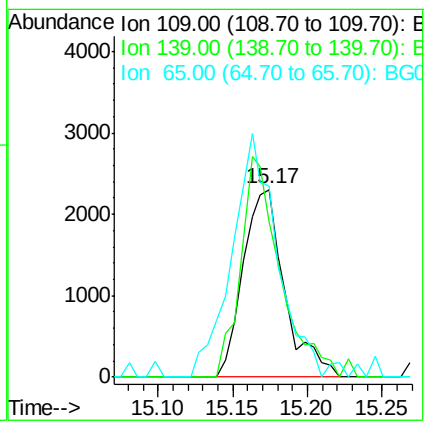
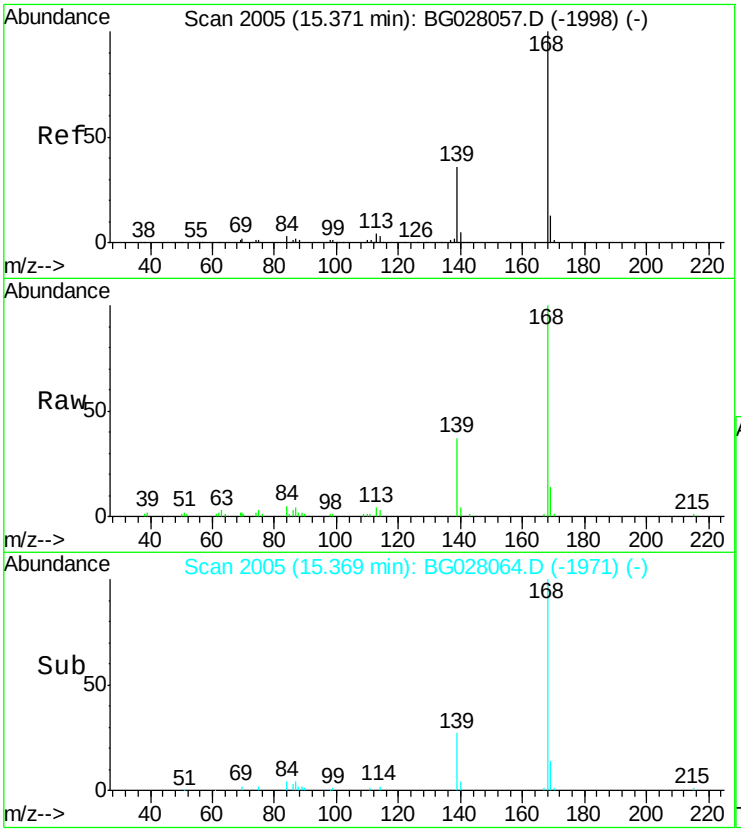


#53
4-Nitrophenol
Concen: 3.800 ng/ul m
RT: 15.17 min Scan# 1972
Delta R.T. 0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:109 Resp: 4470

Ion	Ratio	Lower	Upper
109	100		
139	83.1	91.2	136.8#
65	102.2	92.6	139.0





#54
Dibenzofuran
Concen: 4.093 ng/ul
RT: 15.37 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:168 Resp: 42070

Ion	Ratio	Lower	Upper
168	100		
139	37.0	31.0	46.4

Instrument :
BNA_G
ClientSampleId :
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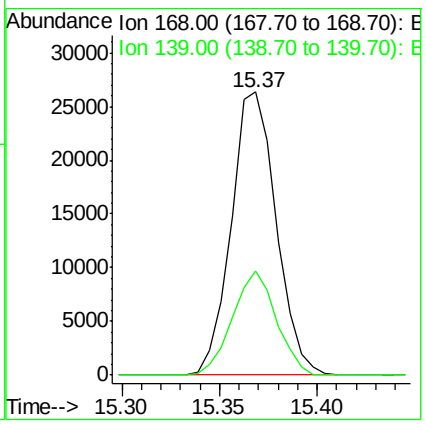
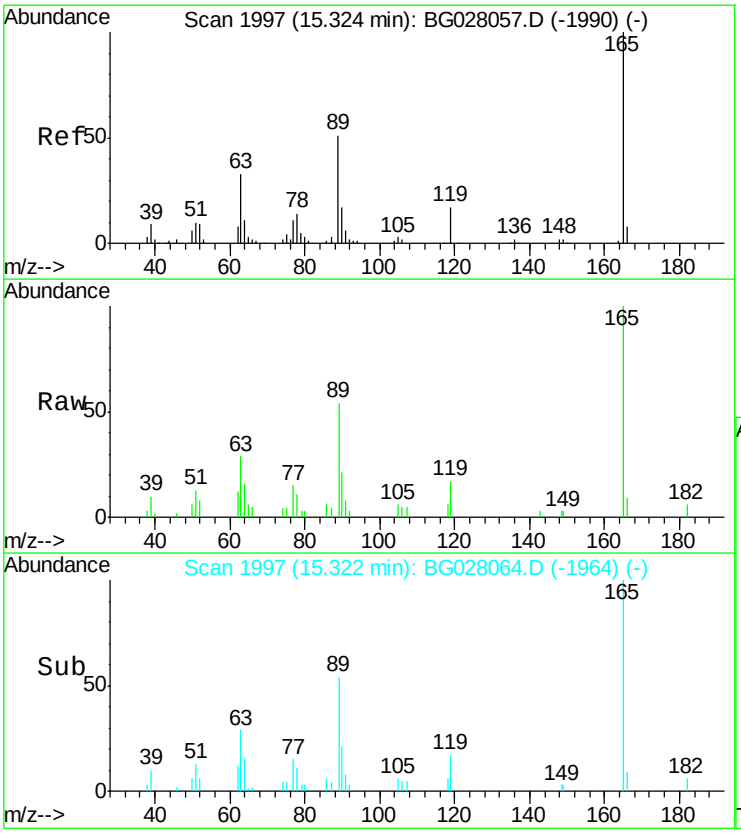
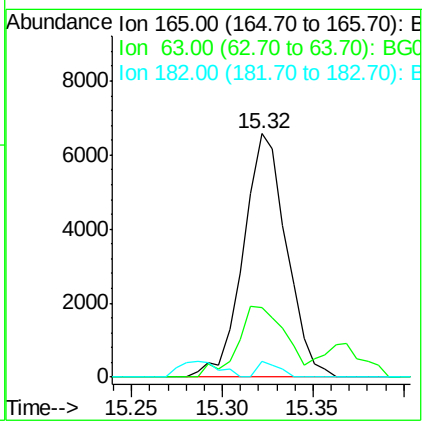


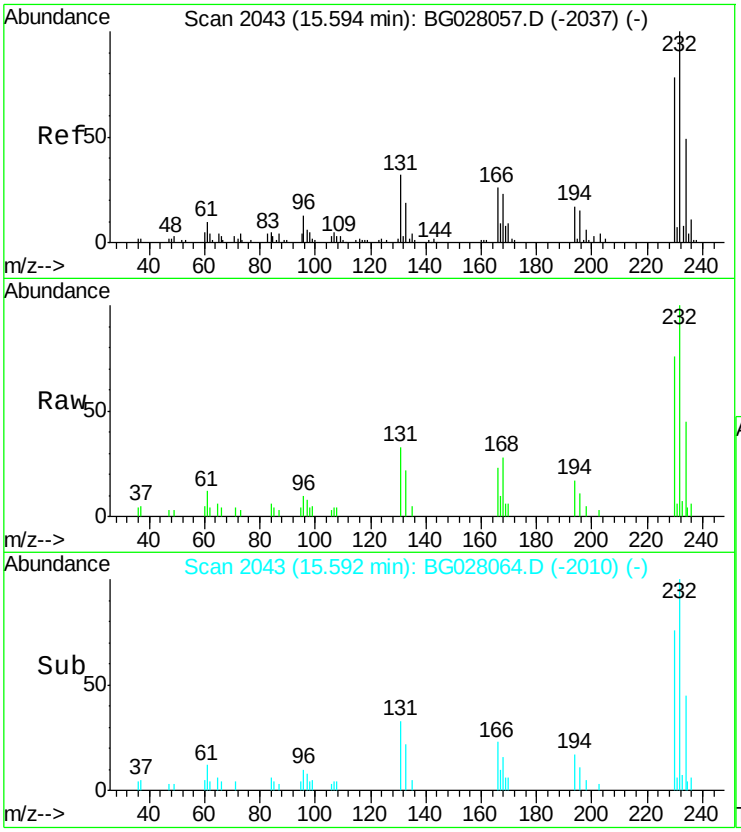


#55
2,4-Dinitrotoluene
Concen: 4.125 ng/ul
RT: 15.32 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:165 Resp: 10908

Ion	Ratio	Lower	Upper
165	100		
63	28.7	31.4	47.0#
182	6.3	2.7	4.1#

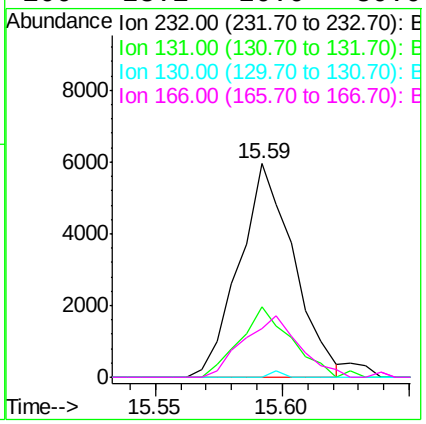




#56
2,3,4,6-Tetrachlorophenol
Concen: 3.215 ng/ul
RT: 15.59 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:232 Resp: 8898

Ion	Ratio	Lower	Upper
232	100		
131	32.8	27.1	40.7
130	0.0	0.0	0.0
166	23.1	20.0	30.0



Instrument :
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ClientSampleId :
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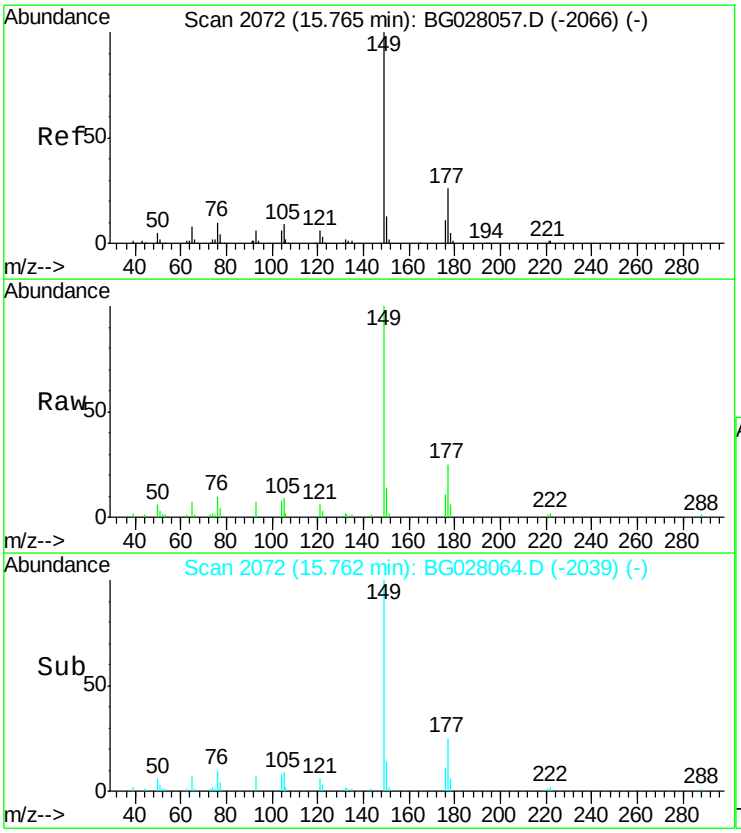
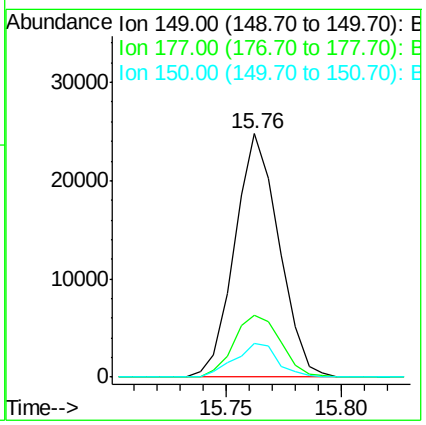
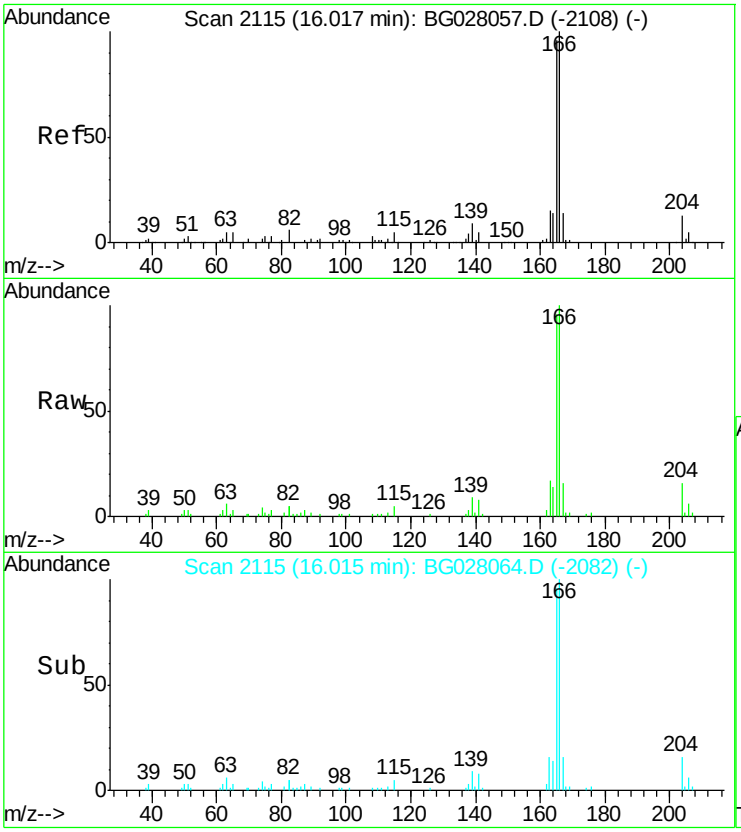


#57
Diethylphthalate
Concen: 3.575 ng/ul
RT: 15.76 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:149 Resp: 33105

Ion	Ratio	Lower	Upper
149	100		
177	25.3	19.3	28.9
150	13.7	10.6	15.8

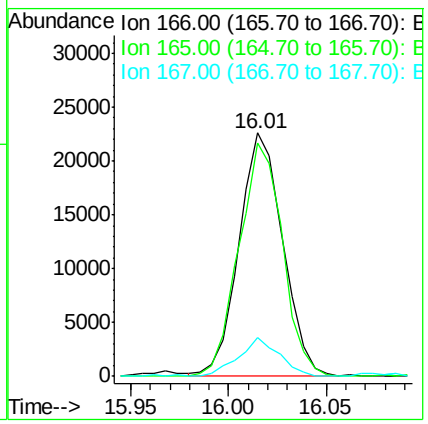




#59
Fluorene
Concen: 3.937 ng/ul
RT: 16.01 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:166 Resp: 35112

Ion	Ratio	Lower	Upper
166	100		
165	96.0	78.4	117.6
167	15.8	11.1	16.7



Instrument :
BNA_G
ClientSampleId :
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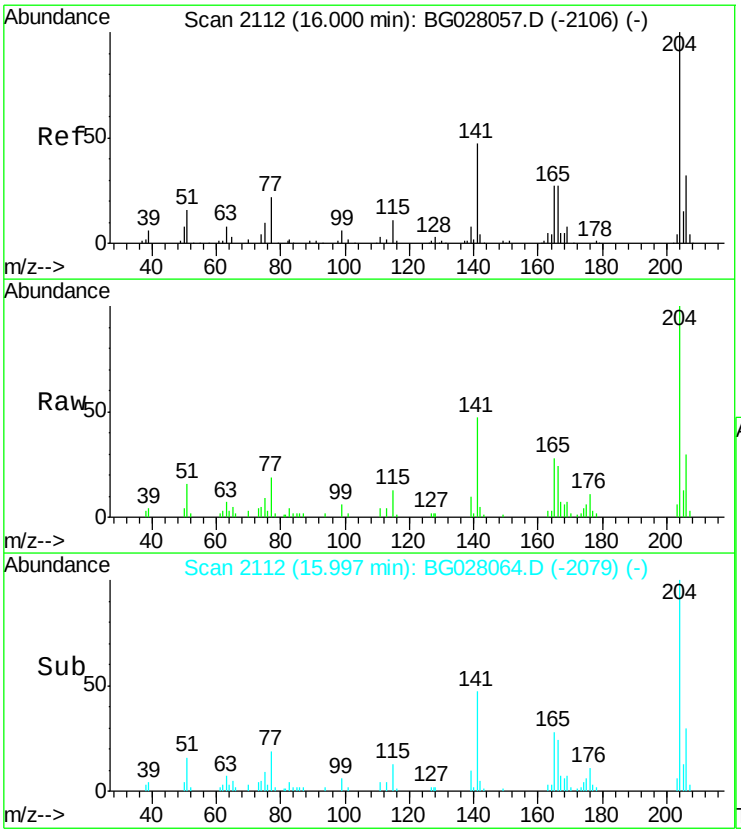
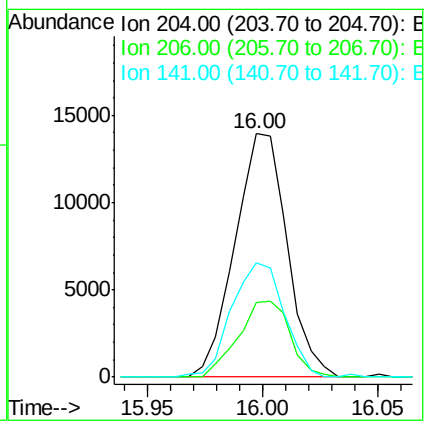
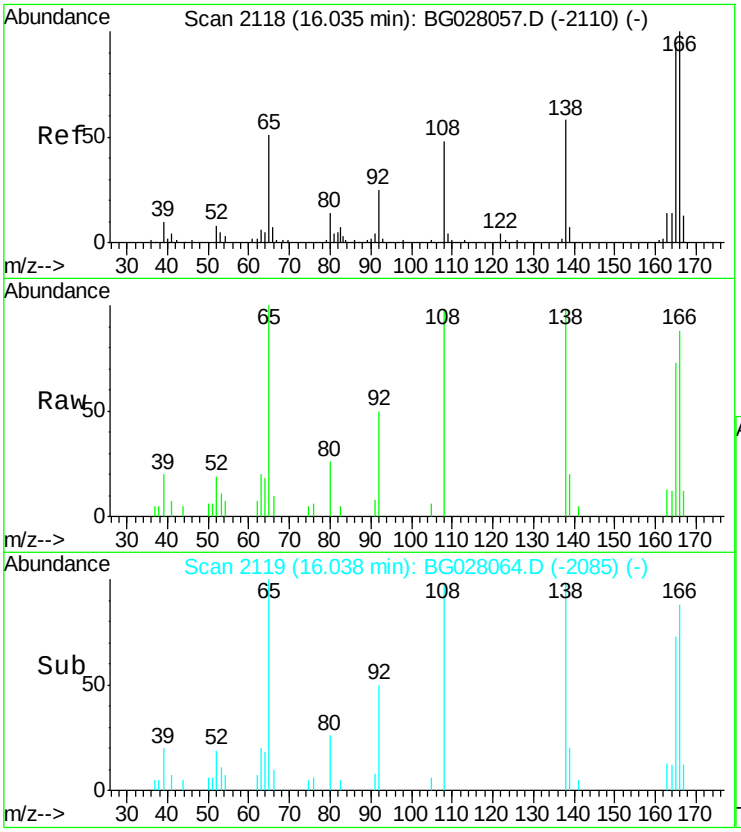


#60
4-Chlorophenyl-phenylether
Concen: 4.121 ng/ul
RT: 16.00 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:204 Resp: 21949

Ion	Ratio	Lower	Upper
204	100		
206	30.4	26.6	40.0
141	46.8	40.7	61.1

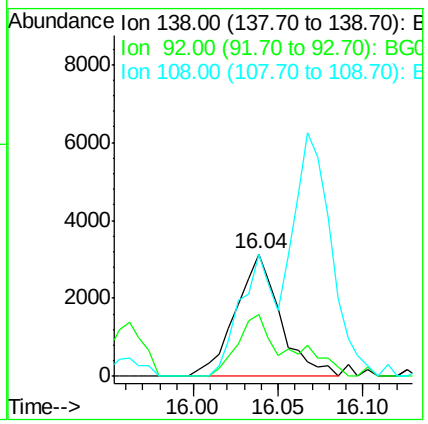




#61
4-Nitroaniline
Concen: 3.300 ng/ul
RT: 16.04 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:138 Resp: 5769

Ion	Ratio	Lower	Upper
138	100		
92	50.8	38.2	57.4
108	99.8	70.0	105.0



Instrument :
BNA_G
ClientSampleId :
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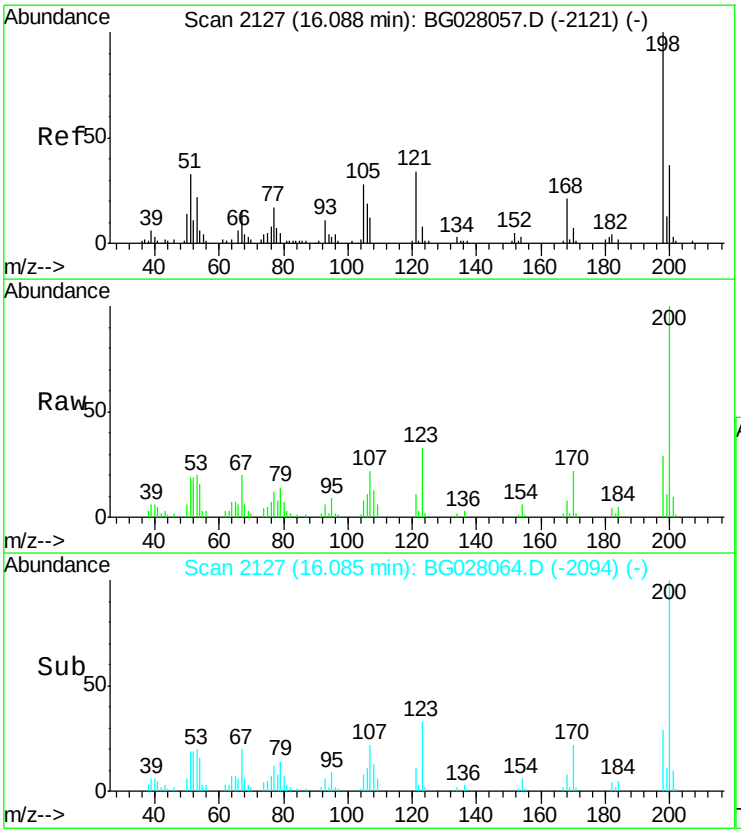
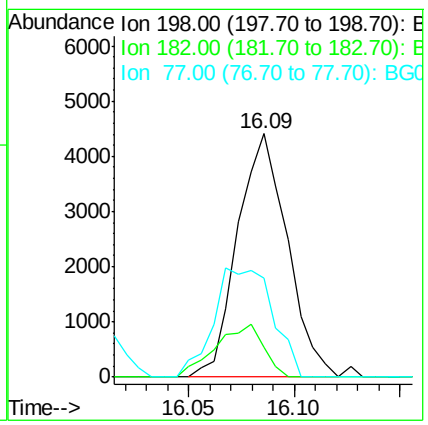
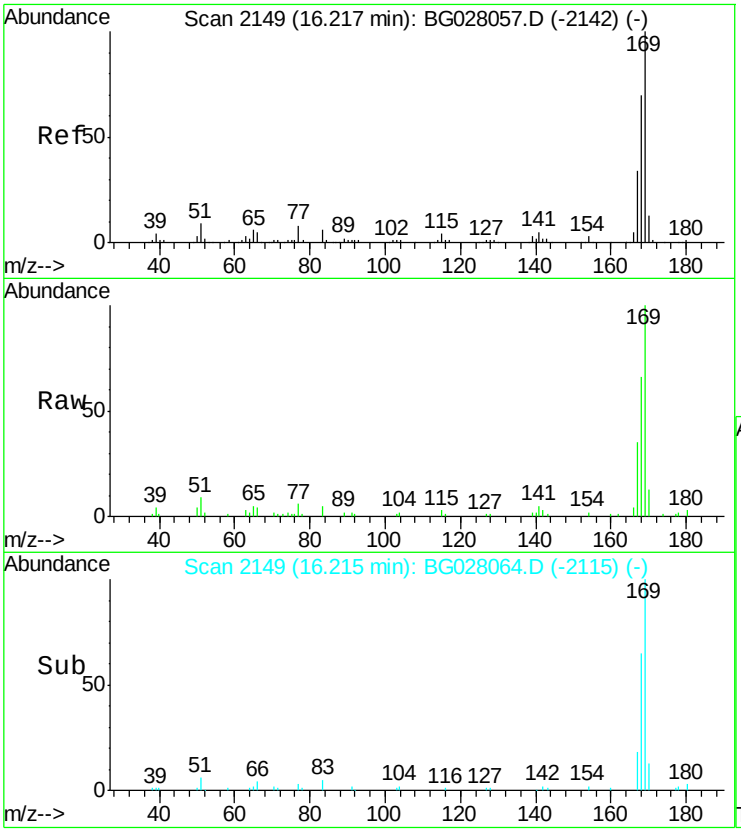


#64
4,6-Dinitro-2-methylphenol
Concen: 3.396 ng/ul
RT: 16.09 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:198 Resp: 7216

Ion	Ratio	Lower	Upper
198	100		
182	12.4	3.5	5.3#
77	40.5	18.2	27.4#

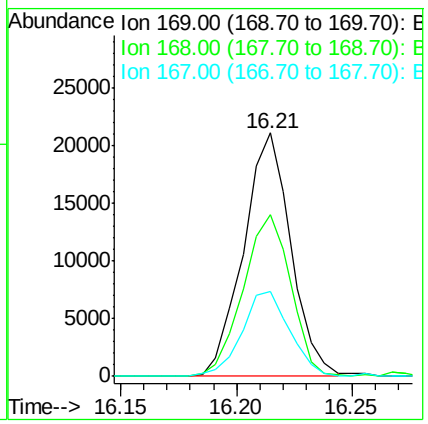




#65
N-Nitrosodiphenylamine
Concen: 3.825 ng/ul
RT: 16.21 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:169 Resp: 30070

Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.8	80.8
167	35.0	29.5	44.3



Instrument :
BNA_G
ClientSampleId :
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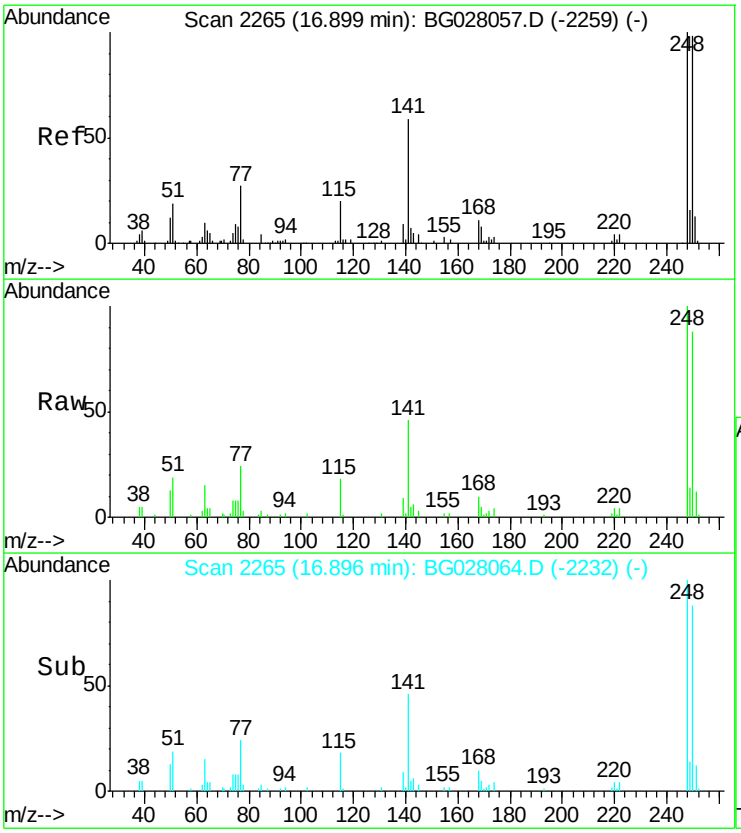
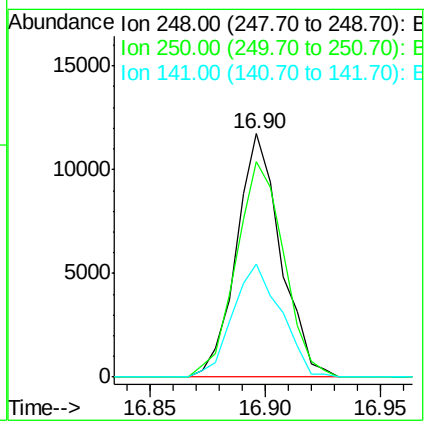
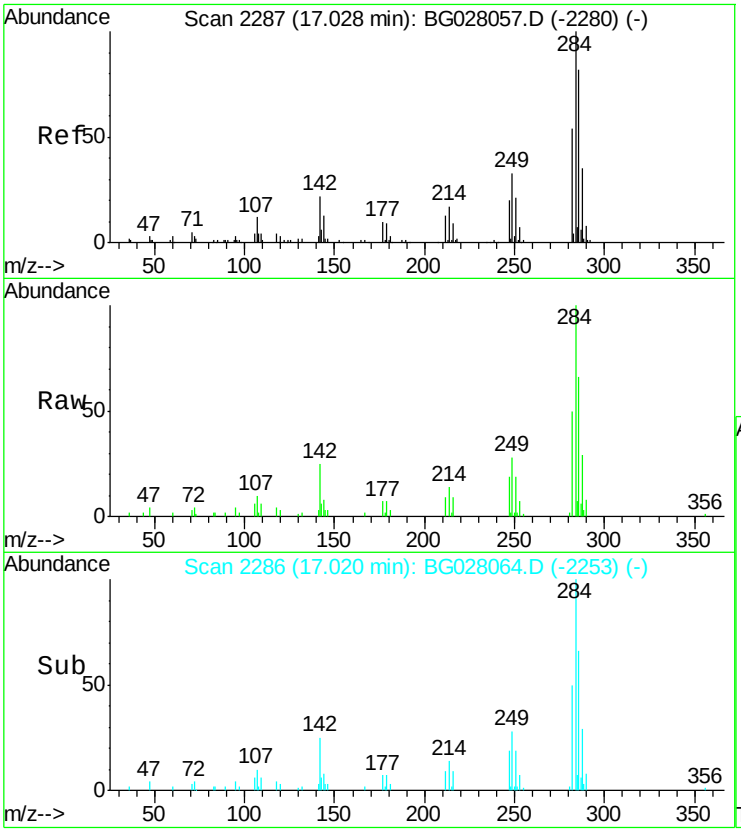


#66
4-Bromophenyl-phenylether
Concen: 3.913 ng/ul
RT: 16.90 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:248 Resp: 15671

Ion	Ratio	Lower	Upper
248	100		
250	88.5	79.0	118.4
141	46.4	51.9	77.9#

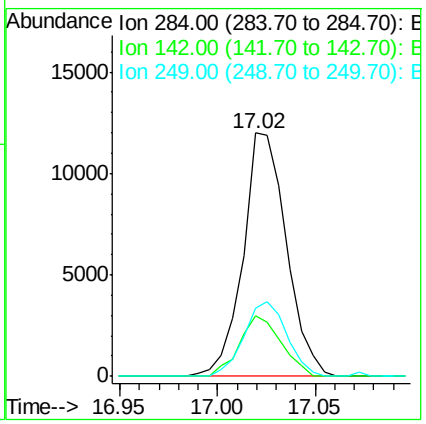




#67
Hexachlorobenzene
Concen: 4.055 ng/ul
RT: 17.02 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:284 Resp: 18468

Ion	Ratio	Lower	Upper
284	100		
142	23.2	21.3	31.9
249	27.9	26.3	39.5



Instrument :
BNA_G
ClientSampleId :
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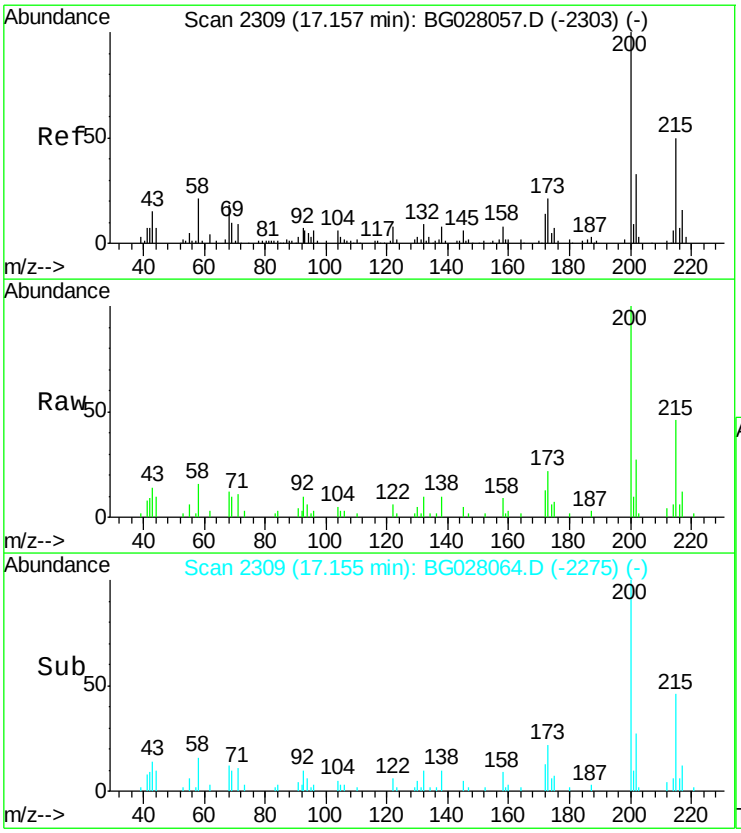
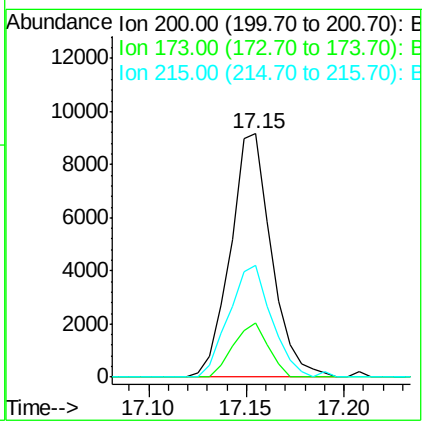
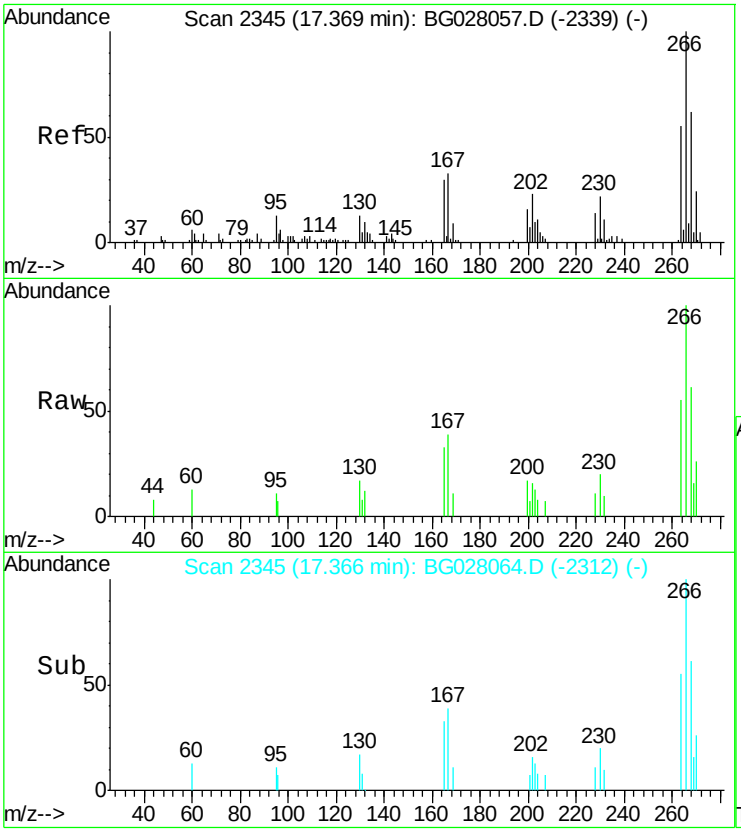


#68
Atrazine
Concen: 3.559 ng/ul
RT: 17.15 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:200 Resp: 13351

Ion	Ratio	Lower	Upper
200	100		
173	22.4	20.6	31.0
215	46.0	39.8	59.6

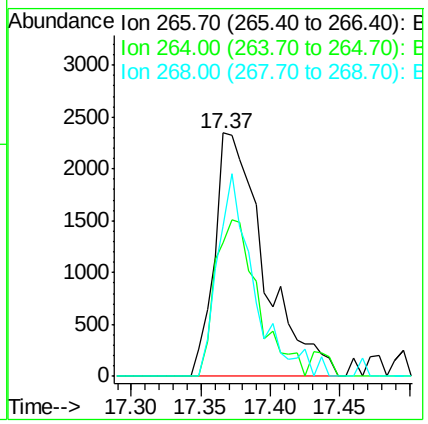




#69
Pentachlorophenol
Concen: 2.454 ng/ul m
RT: 17.37 min Scan# 2345
Delta R.T. -0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:266 Resp: 5835

Ion	Ratio	Lower	Upper
266	100		
264	55.0	48.2	72.4
268	61.5	52.3	78.5



Instrument :
BNA_G
ClientSampleId :
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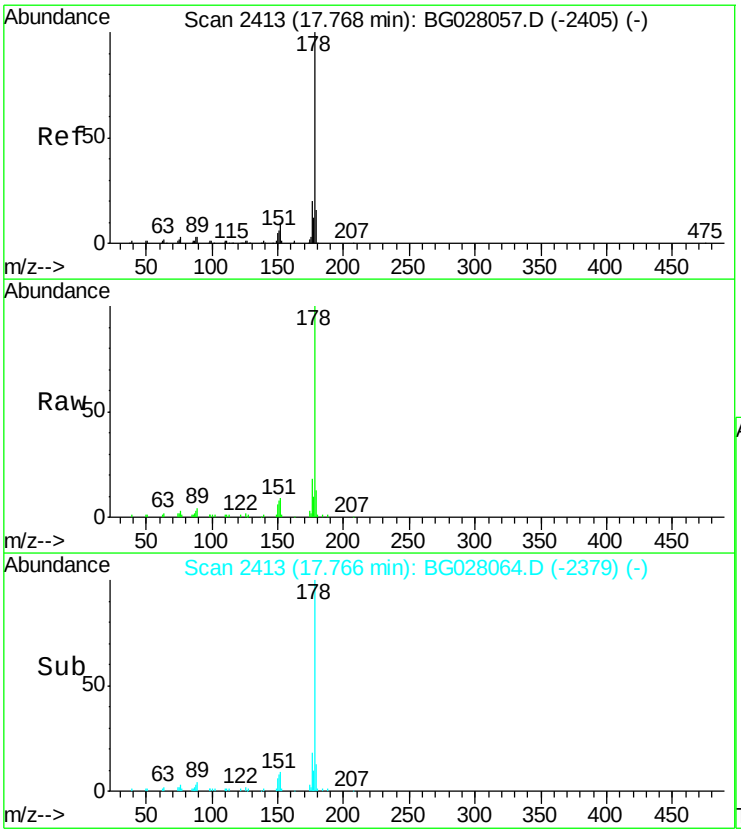
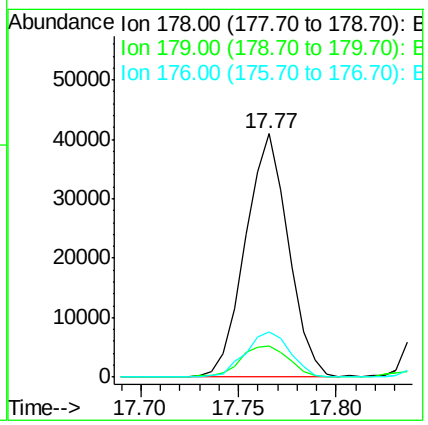
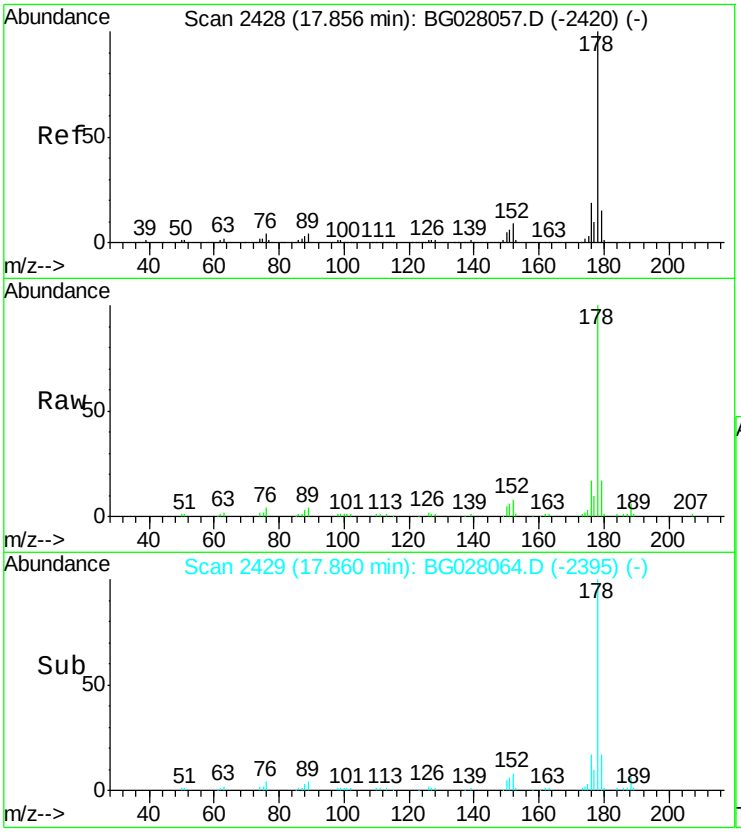


#70
Phenanthrene
Concen: 4.021 ng/ul
RT: 17.77 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:178 Resp: 62273

Ion	Ratio	Lower	Upper
178	100		
179	12.7	12.3	18.5
176	18.3	15.4	23.0

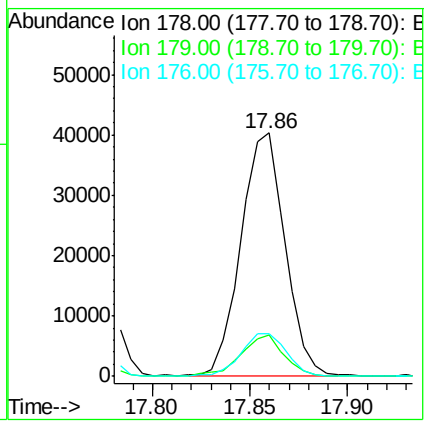




#72
Anthracene
Concen: 3.920 ng/ul
RT: 17.86 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:178 Resp: 63201

Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.4	20.2
176	17.4	15.4	23.0



Instrument :
BNA_G
ClientSampleId :
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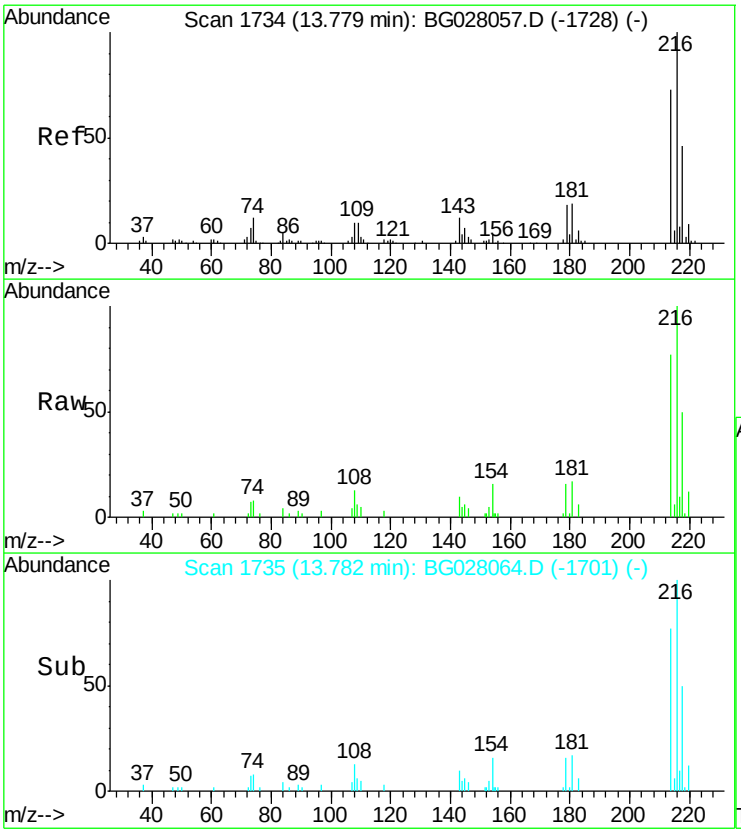
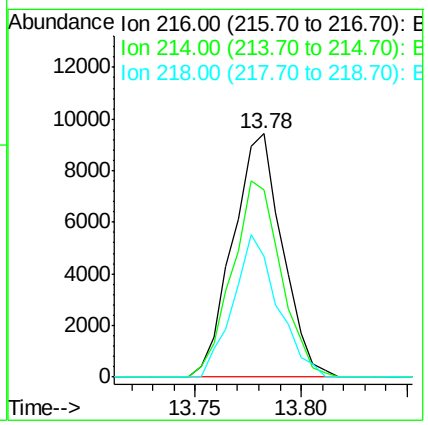
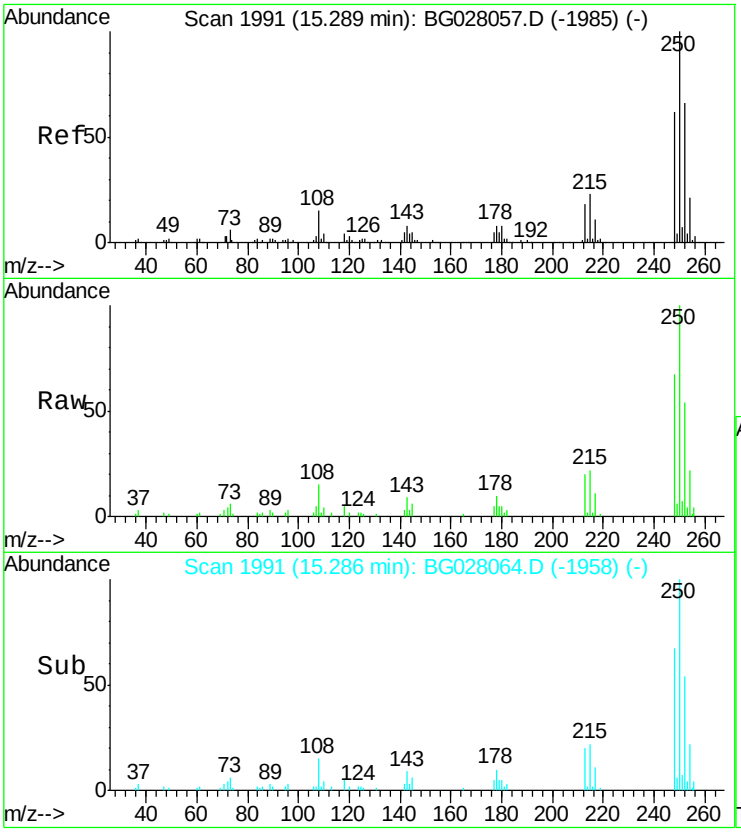


#73
1,2,3,4-Tetrachlorobenzene
Concen: 3.533 ng/uL
RT: 13.78 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:216 Resp: 15350

Ion	Ratio	Lower	Upper
216	100		
214	76.8	64.1	96.1
218	51.4	39.4	59.0

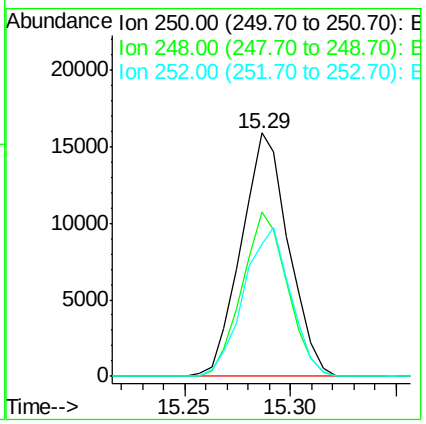




#74
Pentachlorobenzene
Concen: 3.840 ng/uL
RT: 15.29 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:250 Resp: 24788

Ion	Ratio	Lower	Upper
250	100		
248	67.3	51.4	77.2
252	54.1	49.8	74.6



Instrument :
BNA_G
ClientSampleId :
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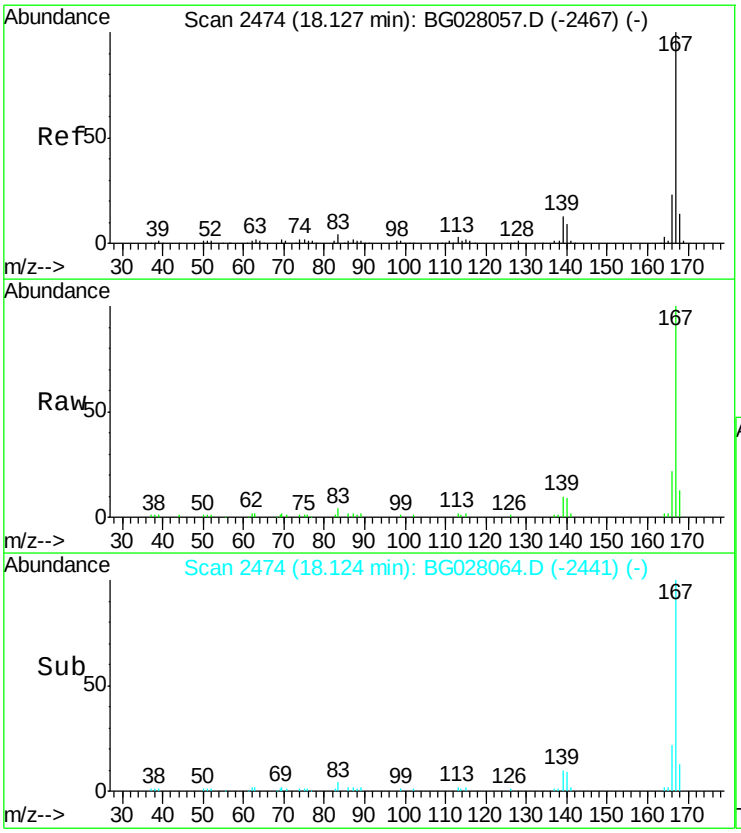
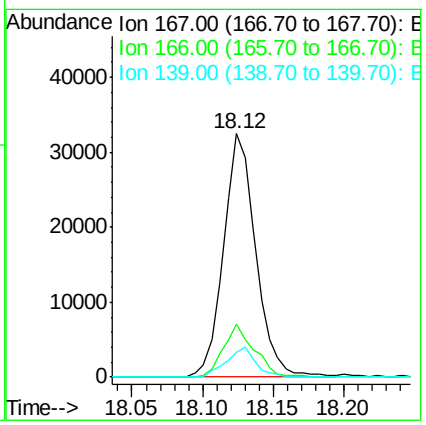
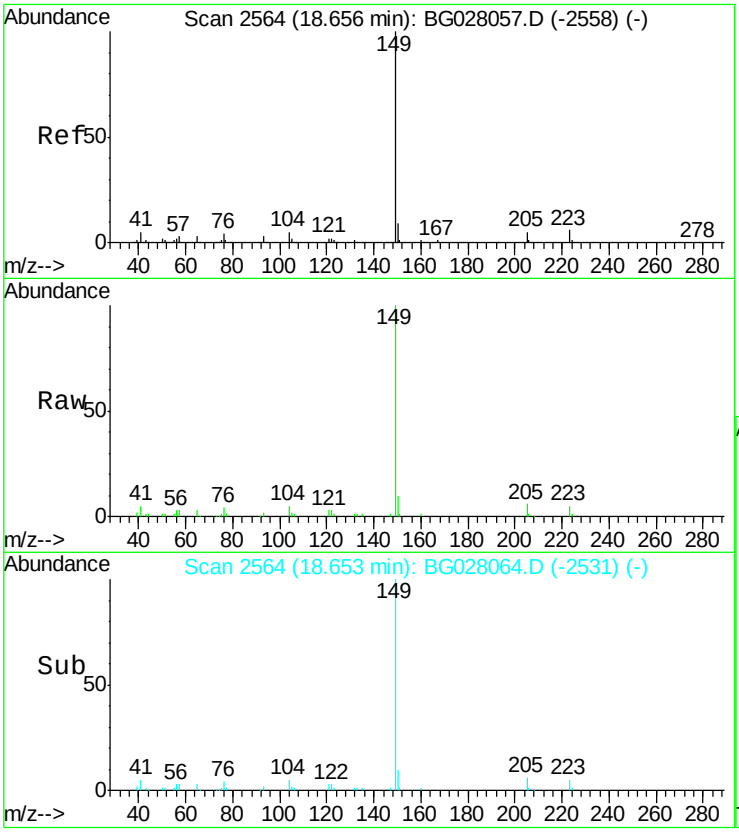


#75
Carbazole
Concen: 3.919 ng/ul
RT: 18.12 min Scan# 2474
Delta R.T. -0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:167 Resp: 51747

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.0	25.4
139	10.3	9.1	13.7

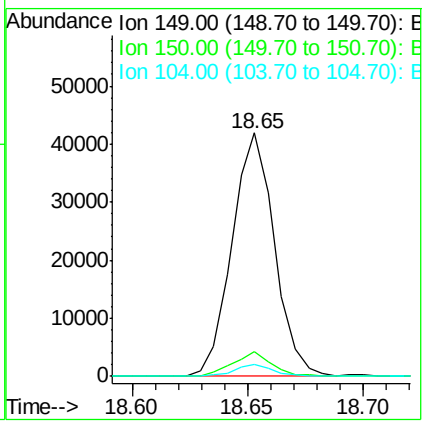




#76
Di-n-butylphthalate
Concen: 3.661 ng/ul
RT: 18.65 min Scan# 2564
Delta R.T. -0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:149 Resp: 53673

Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.5	11.3
104	4.8	4.1	6.1



Instrument :
BNA_G
ClientSampleId :
MDL-S-ML-07

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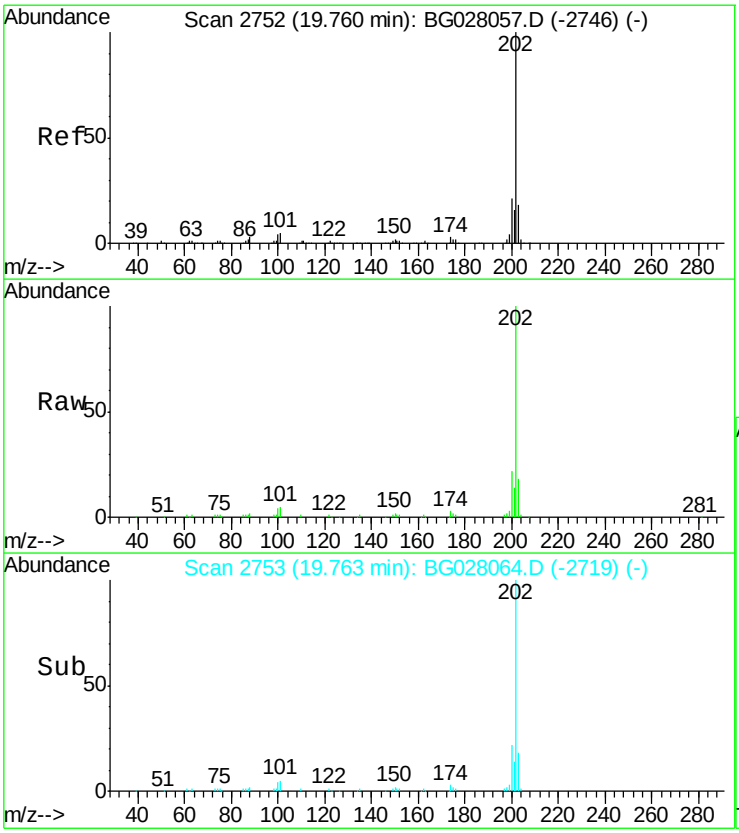
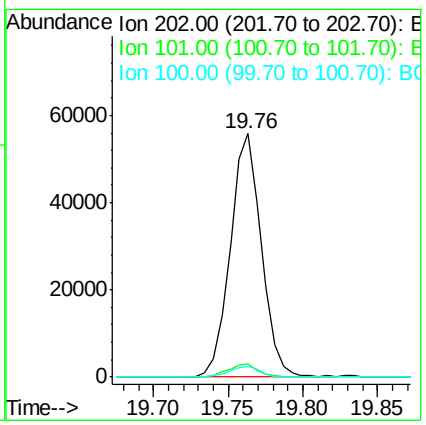
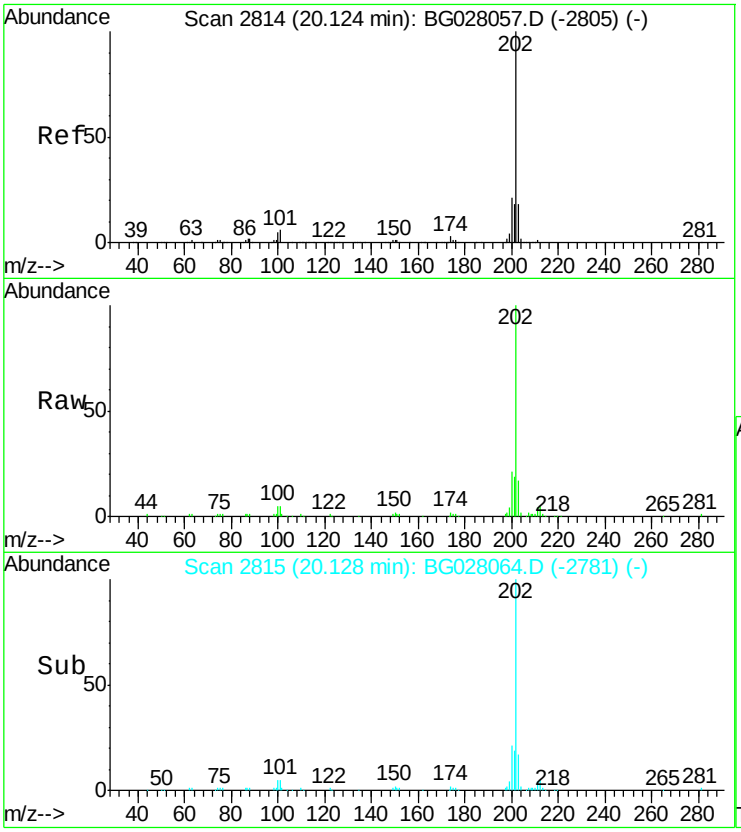


#77
Fluoranthene
Concen: 4.092 ng/ul
RT: 19.76 min Scan# 2753
Delta R.T. -0.00 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:202 Resp: 80979

Ion	Ratio	Lower	Upper
202	100		
101	5.2	6.1	9.1#
100	4.4	4.6	7.0#





#80
Pyrene
Concen: 4.097 ng/ul
RT: 20.13 min Scan# 2815
Delta R.T. -0.00 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:202 Resp: 89836

Ion	Ratio	Lower	Upper
202	100		
101	5.9	6.9	10.3#
100	4.7	5.6	8.4#

Instrument :
BNA_G
ClientSampleId :
MDL-S-ML-07

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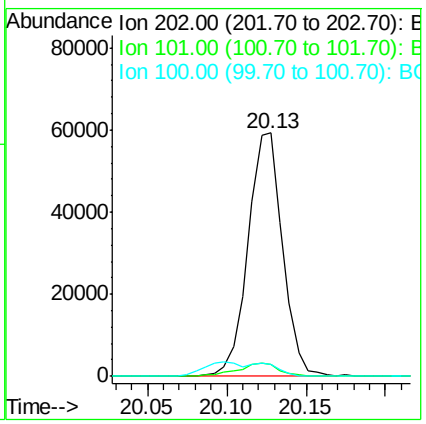
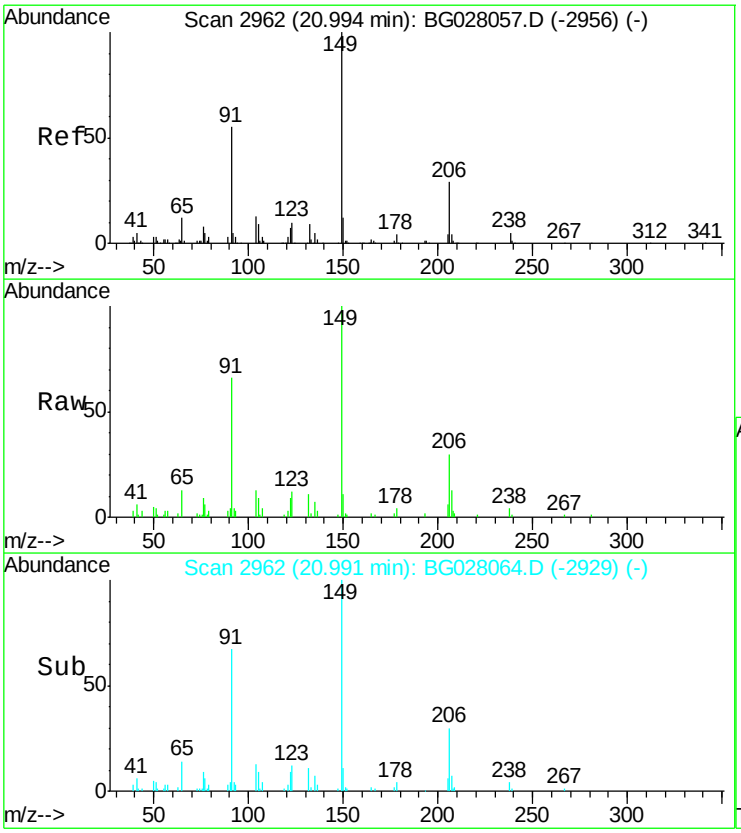
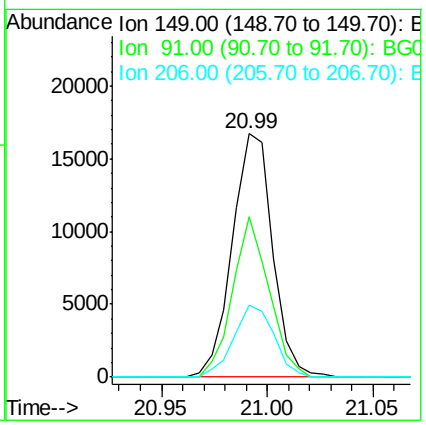


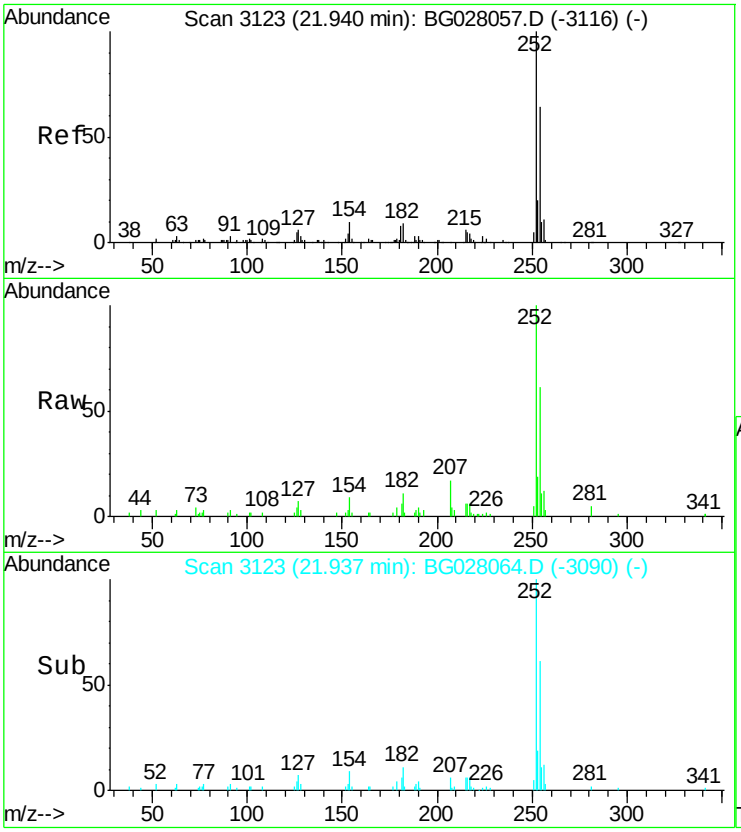


#81
Butylbenzylphthalate
Concen: 3.392 ng/ul
RT: 20.99 min Scan# 2962
Delta R.T. -0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:149 Resp: 22104

Ion	Ratio	Lower	Upper
149	100		
91	65.8	53.4	80.0
206	29.6	19.3	28.9#

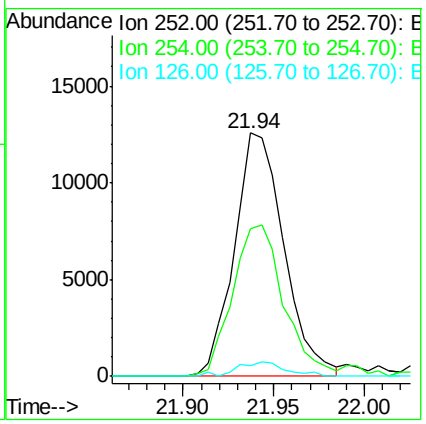




#82
3,3'-Dichlorobenzidine
Concen: 3.100 ng/ul
RT: 21.94 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:252 Resp: 23960

Ion	Ratio	Lower	Upper
252	100		
254	60.8	52.8	79.2
126	4.4	6.9	10.3#



Instrument :
BNA_G
ClientSampleId :
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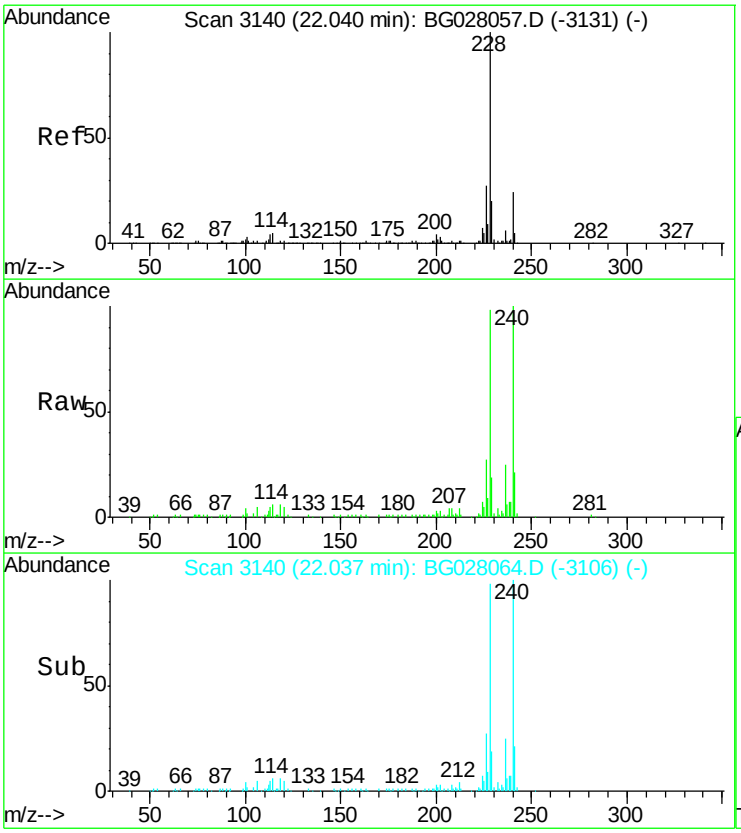
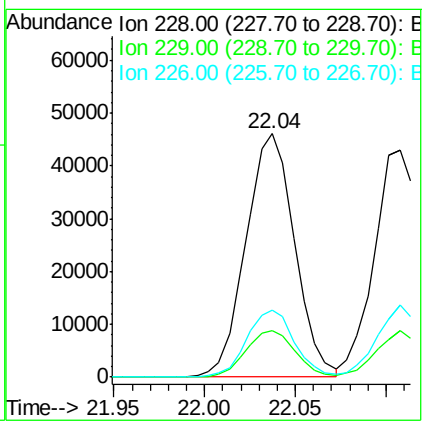
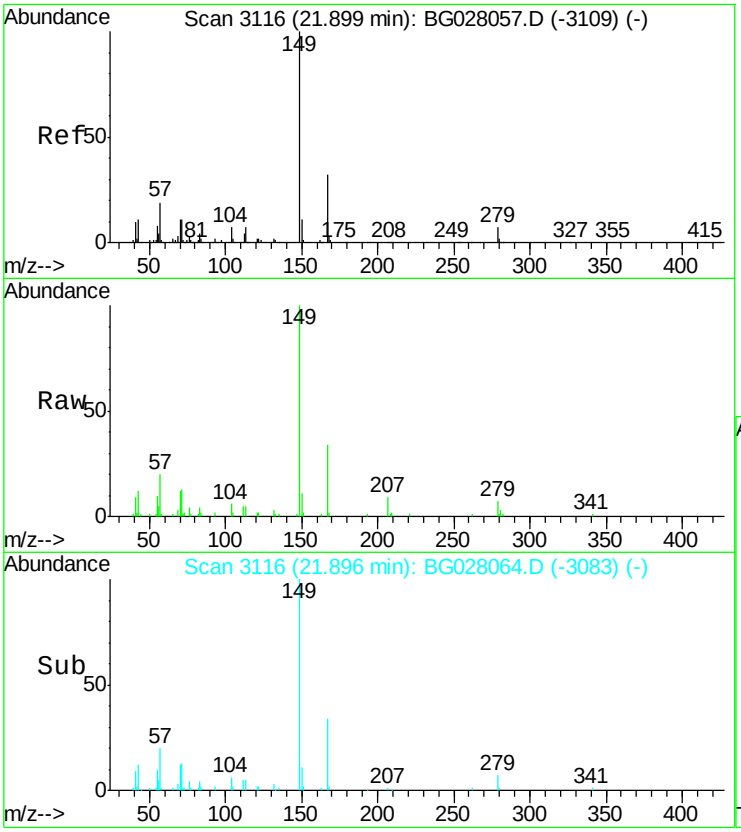


#83
Benzo(a)anthracene
Concen: 3.832 ng/ul
RT: 22.04 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:228 Resp: 85980

Ion	Ratio	Lower	Upper
228	100		
229	19.0	16.0	24.0
226	27.6	21.8	32.8





#84
Bis(2-ethylhexyl)phthalate
Concen: 3.291 ng/ul
RT: 21.90 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:149 Resp: 31373

Ion	Ratio	Lower	Upper
149	100		
167	34.3	23.0	34.6
279	6.6	4.3	6.5#

Instrument :
BNA_G
ClientSampleId :
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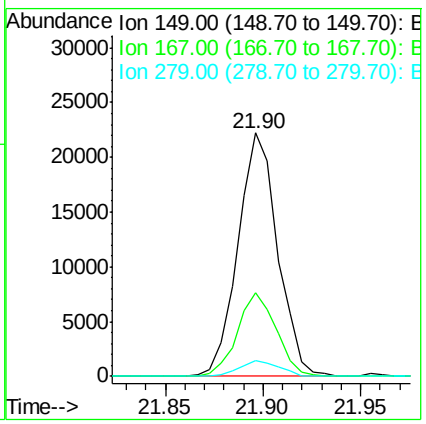
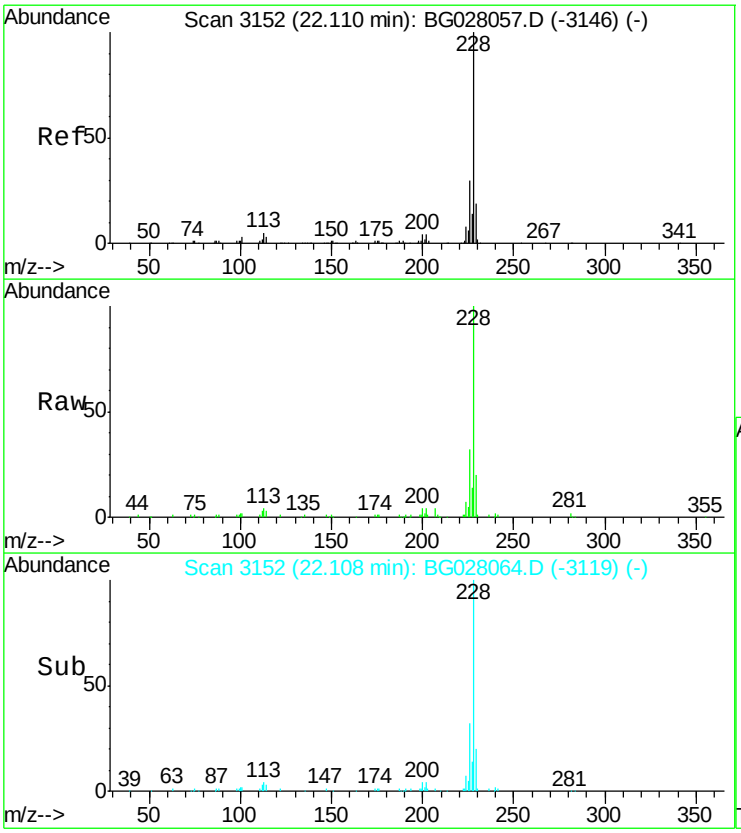
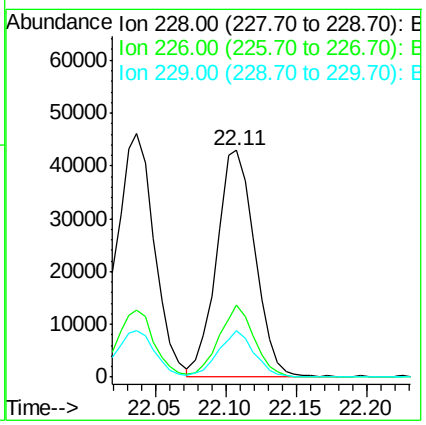


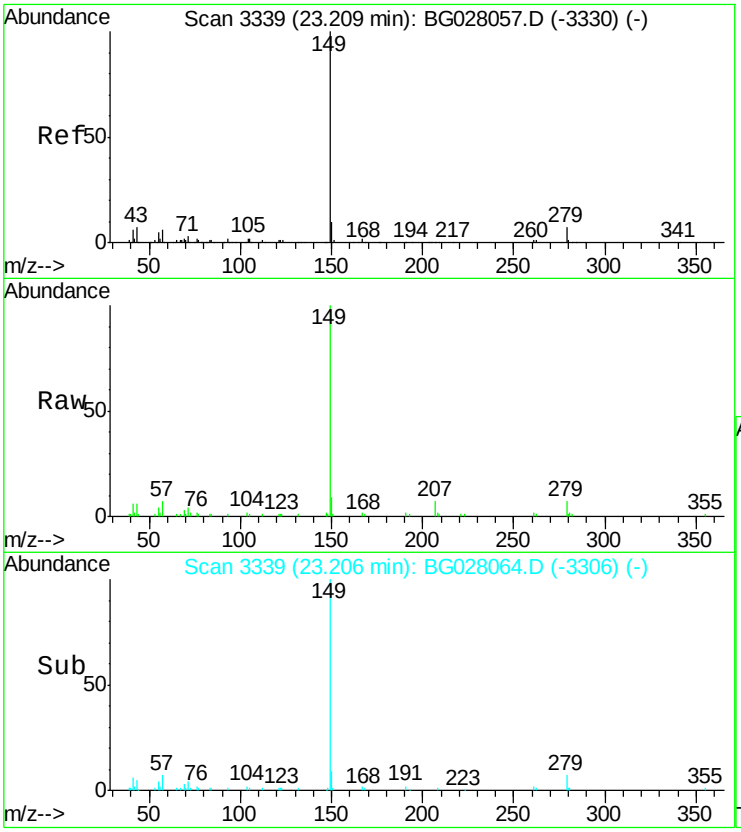


#85
Chrysene
Concen: 3.962 ng/ul
RT: 22.11 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:228 Resp: 81323

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.1	36.1
229	20.4	16.0	24.0





#87
Di-n-octyl phthalate
Concen: 3.175 ng/ul
RT: 23.21 min Scan# 3339
Delta R.T. -0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:149 Resp: 53200

Instrument :
BNA_G
ClientSampleId :
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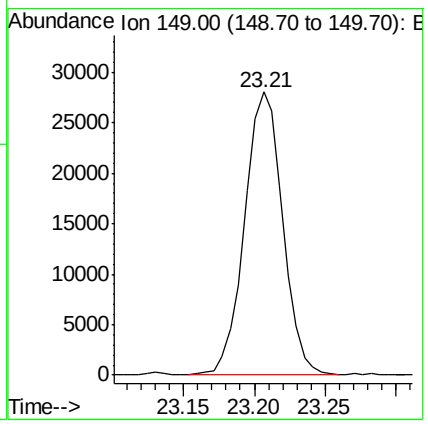
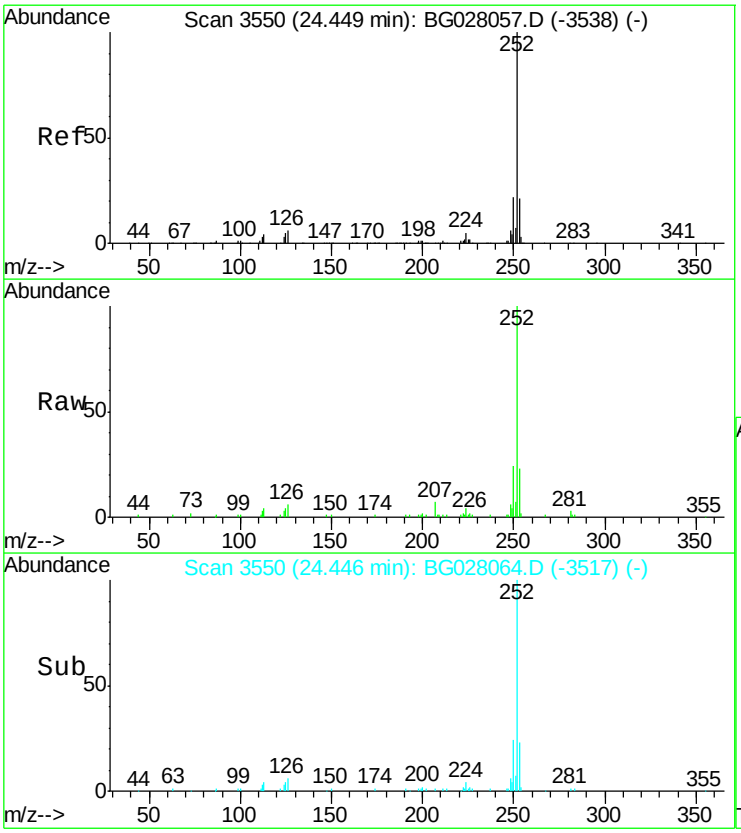
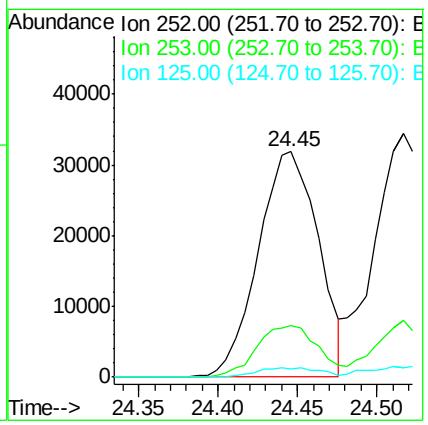


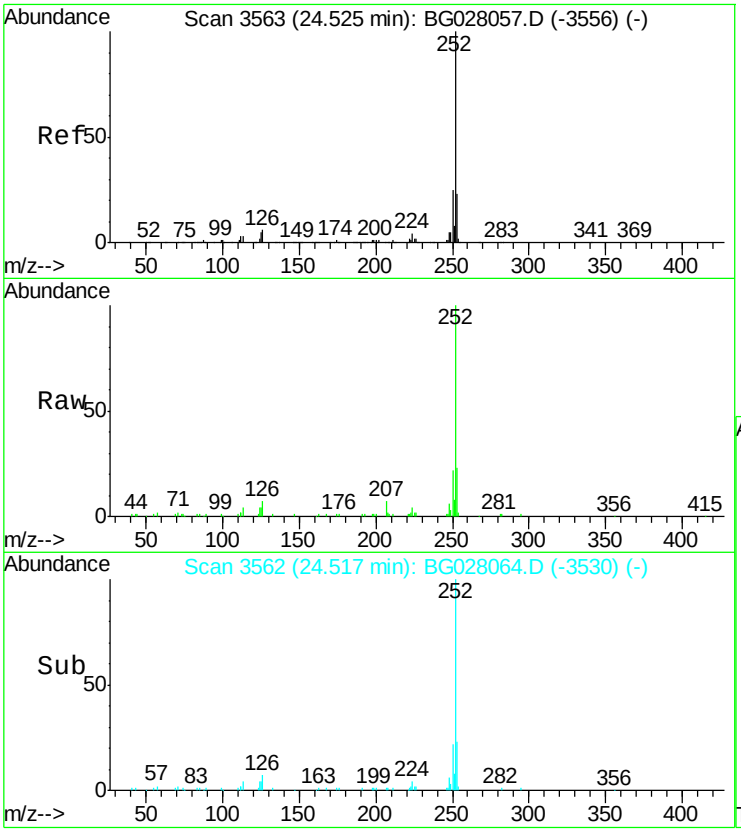


#88
Benzo(b)fluoranthene
Concen: 3.554 ng/ul
RT: 24.45 min Scan# 3550
Delta R.T. -0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:252 Resp: 84100

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	3.7	4.9	7.3#

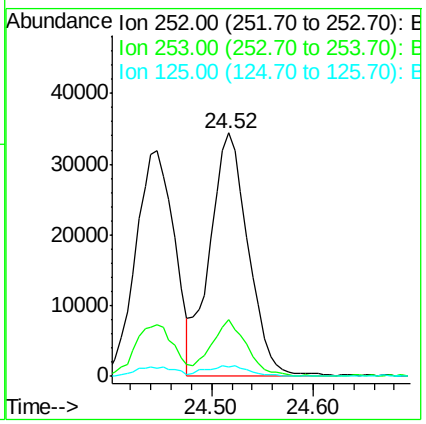




#89
Benzo(k)fluoranthene
Concen: 3.926 ng/ul
RT: 24.52 min Scan# 3562
Delta R.T. -0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:252 Resp: 90586

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	3.8	5.4	8.0#



Instrument :
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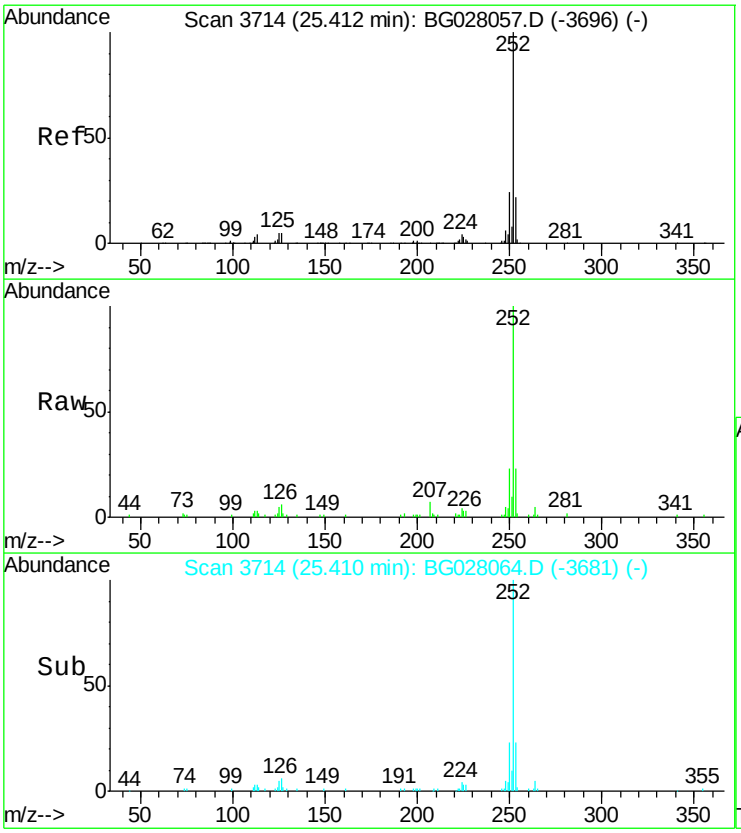
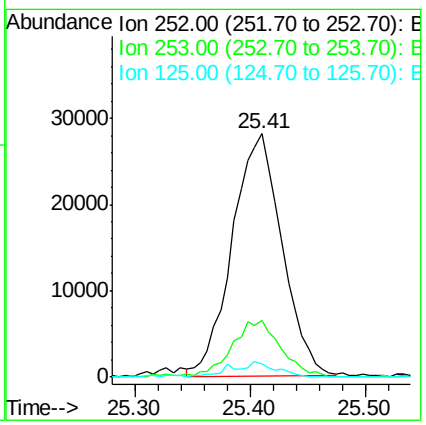
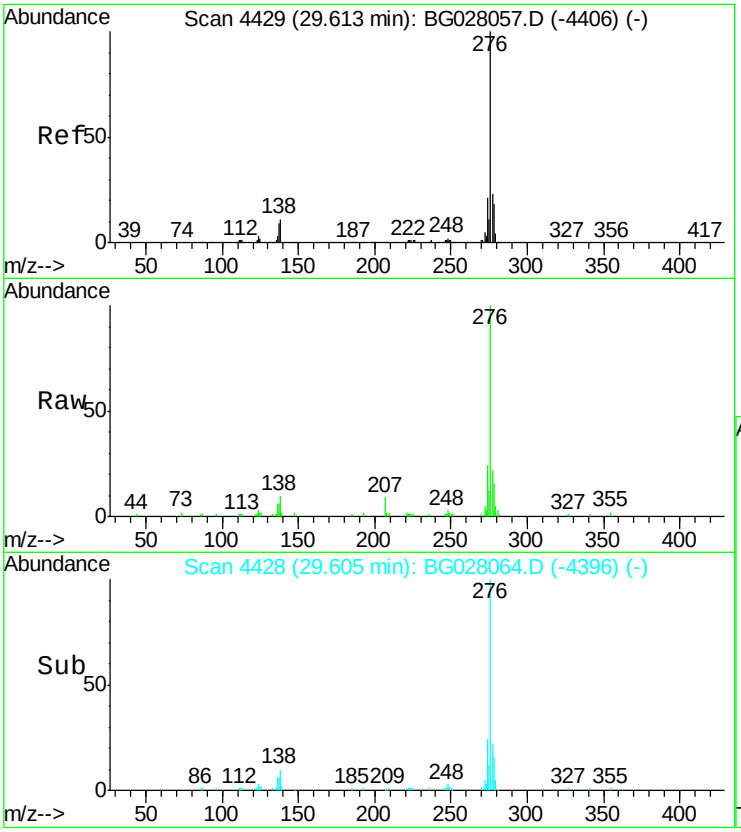


#91
Benzo(a)pyrene
Concen: 3.690 ng/ul
RT: 25.41 min Scan# 3714
Delta R.T. -0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:252 Resp: 84029

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	5.3	5.8	8.6#

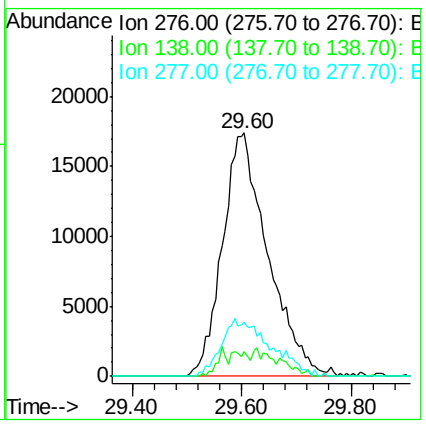




#92
Indeno(1,2,3-cd)pyrene
Concen: 3.649 ng/ul m
RT: 29.60 min Scan# 4428
Delta R.T. -0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:276 Resp: 100835

Ion	Ratio	Lower	Upper
276	100		
138	10.1	10.9	16.3#
277	22.3	18.9	28.3



Instrument :
BNA_G
ClientSampleId :
MDL-S-ML-07

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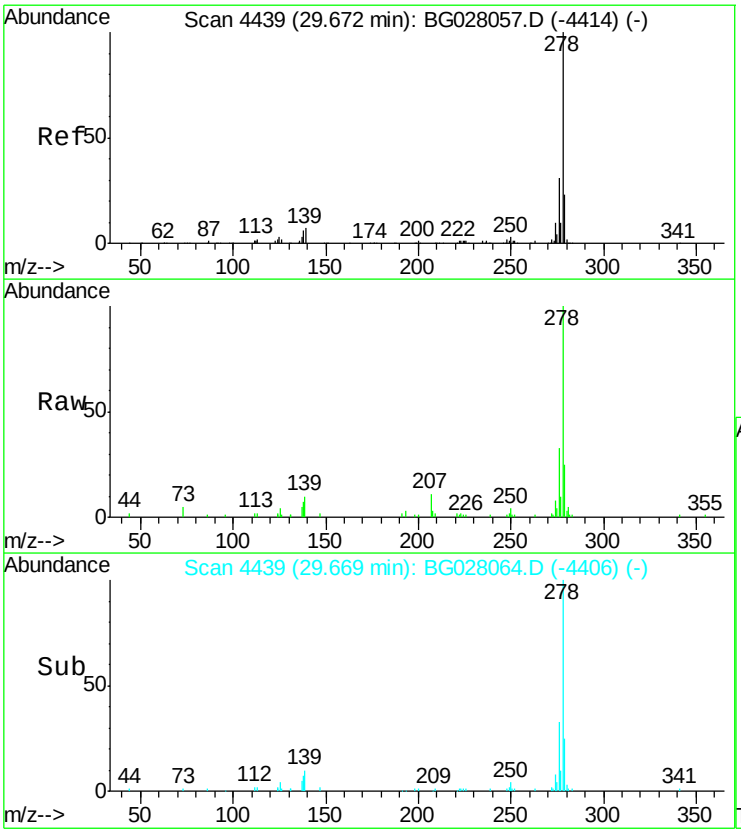
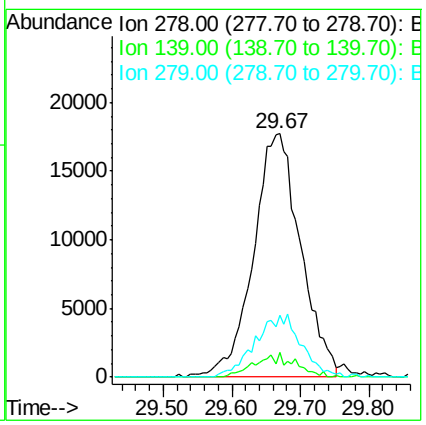
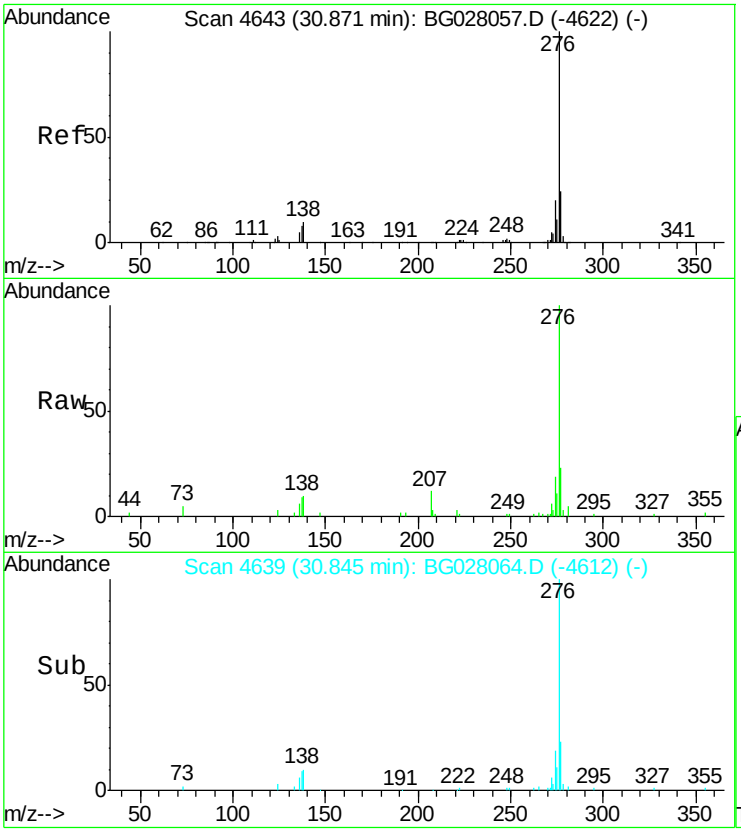


#93
Dibenzo(a,h)anthracene
Concen: 3.575 ng/ul
RT: 29.67 min Scan# 4439
Delta R.T. -0.01 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:278 Resp: 84745

Ion	Ratio	Lower	Upper
278	100		
139	10.3	9.0	13.4
279	25.4	19.1	28.7

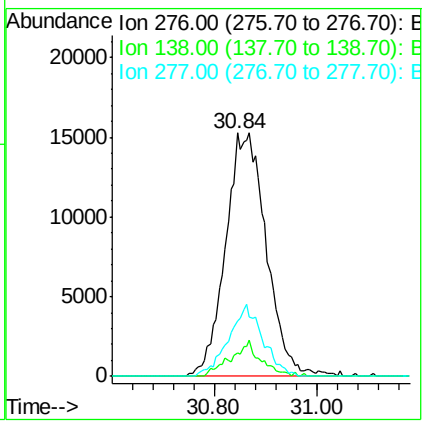




#94
Benzo(g,h,i)perylene
Concen: 3.682 ng/ul m
RT: 30.84 min Scan# 4639
Delta R.T. -0.04 min
Lab File: BG028064.D
Acq: 28 Jul 2017 20:05

Tgt Ion:276 Resp: 84352

Ion	Ratio	Lower	Upper
276	100		
138	9.9	11.2	16.8#
277	22.6	19.0	28.6



Instrument :
BNA_G
ClientSampleId :
MDL-S-ML-07

Manual Integrations APPROVED
Sohil
7/31/2017 11:54:02 AM