Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041812.D
Acq On : 30 Jul 2019 21:53
Operator : HP/JU
Sample : K3621-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-01-072919

Manual Integrations APPROVED
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Quant Time: Jul 31 12:00:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 07:53:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	93568	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	344328	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	236365	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	584935	20.00	ng		0.00
76) Chrysene-d12	21.73	240	712755	20.00	ng		0.00
87) Perylene-d12	25.01	264	810317	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	605269	125.86	ng		0.00
7) Phenol-d6	7.19	99	732738	113.02	ng		0.00
23) Nitrobenzene-d5	9.21	82	550233	109.97	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	445016	165.75	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1394492	104.06	ng		0.00
79) Terphenyl-d14	20.07	244	2568336	82.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	4894	2.162	ng	#	1
8) 2-Chlorophenol	7.61	128	11439	2.077	ng		92
10) Phenol	7.22	94	14290	2.119	ng		89
22) Acetophenone	8.86	105	18466	2.398	ng	#	88
24) Nitrobenzene	9.25	77	11787	2.236	ng		95
26) 2-Nitrophenol	9.97	139	5553	2.270	ng	#	85
27) 2,4-Dimethylphenol	10.03	122	8689	2.012	ng		91
29) 2,4-Dichlorophenol	10.51	162	11074	2.106	ng		93
30) 1,2,4-Trichlorobenzene	10.73	180	13701	2.055	ng	#	96
31) Naphthalene	10.92	128	37883	2.404	ng	#	97
32) Benzoic acid	10.16	122	448	8.847	ng	#	68
34) Hexachlorobutadiene	11.21	225	9517	2.115	ng		98
36) 4-Chloro-3-methylphenol	12.14	107	11099	2.129	ng		98
37) 2-Methylnaphthalene	12.53	142	26524	2.126	ng		95
38) 1-Methylnaphthalene	12.75	142	26070	2.205	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	16836	2.250	ng	#	97
44) 2,4,5-Trichlorophenol	13.21	196	10597	2.156	ng		92
46) 1,1'-Biphenyl	13.53	154	35779	2.355	ng		98
47) 2-Chloronaphthalene	13.58	162	26984	2.086	ng		96
49) Acenaphthylene	14.42	152	43830	2.265	ng	#	93
50) Dimethylphthalate	14.15	163	45908	2.844	ng	#	99
51) 2,6-Dinitrotoluene	14.26	165	7082	2.098	ng	#	87
52) Acenaphthene	14.76	154	26171	2.079	ng		94
54) 2,4-Dinitrophenol	14.82	184	472	3.575	ng	#	50
55) Dibenzofuran	15.10	168	45836	2.381	ng		93
58) Fluorene	15.75	166	37284	2.413	ng		97
60) Diethylphthalate	15.51	149	37283	2.352	ng	#	90
61) 4-Chlorophenyl-phenylether	15.74	204	20376	2.161	ng		92
63) Azobenzene	16.03	77	28758	2.221	ng		92
65) 4,6-Dinitro-2-methylphenol	15.82	198	2518	7.606	ng		93
66) n-Nitrosodiphenylamine	15.95	169	33728	2.117	ng		93
71) Phenanthrene	17.49	178	68386	2.439	ng	#	89
72) Anthracene	17.58	178	64591	2.310	ng	#	92
73) Carbazole	17.85	167	62918	2.507	ng	#	90

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Sample : K3621-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Jul 31 12:00:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 07:53:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
74) Di-n-butylphthalate	18.42	149	70046	2.462	ng	#	92
75) Fluoranthene	19.50	202	91927	2.697	ng		88
78) Pyrene	19.86	202	97289	2.304	ng	#	87
80) Butylbenzylphthalate	20.75	149	34084	2.105	ng		91
81) Benzo(a)anthracene	21.71	228	102401m	2.428	ng		
83) Chrysene	21.78	228	99818	2.469	ng		89
84) Bis(2-ethylhexyl)phthalate	21.63	149	49962	2.237	ng	#	93
85) Di-n-octyl phthalate	22.87	149	78596	2.091	ng	#	89
88) Benzo(b)fluoranthene	23.96	252	99026	2.234	ng	#	96
89) Benzo(k)fluoranthene	24.03	252	96383	2.232	ng	#	88
90) Benzo(a)pyrene	24.84	252	90691	2.133	ng		95
91) Dibenzo(a,h)anthracene	28.80	278	85769	2.055	ng	#	93
92) Benzo(g,h,i)perylene	29.89	276	88256	2.116	ng	#	90

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

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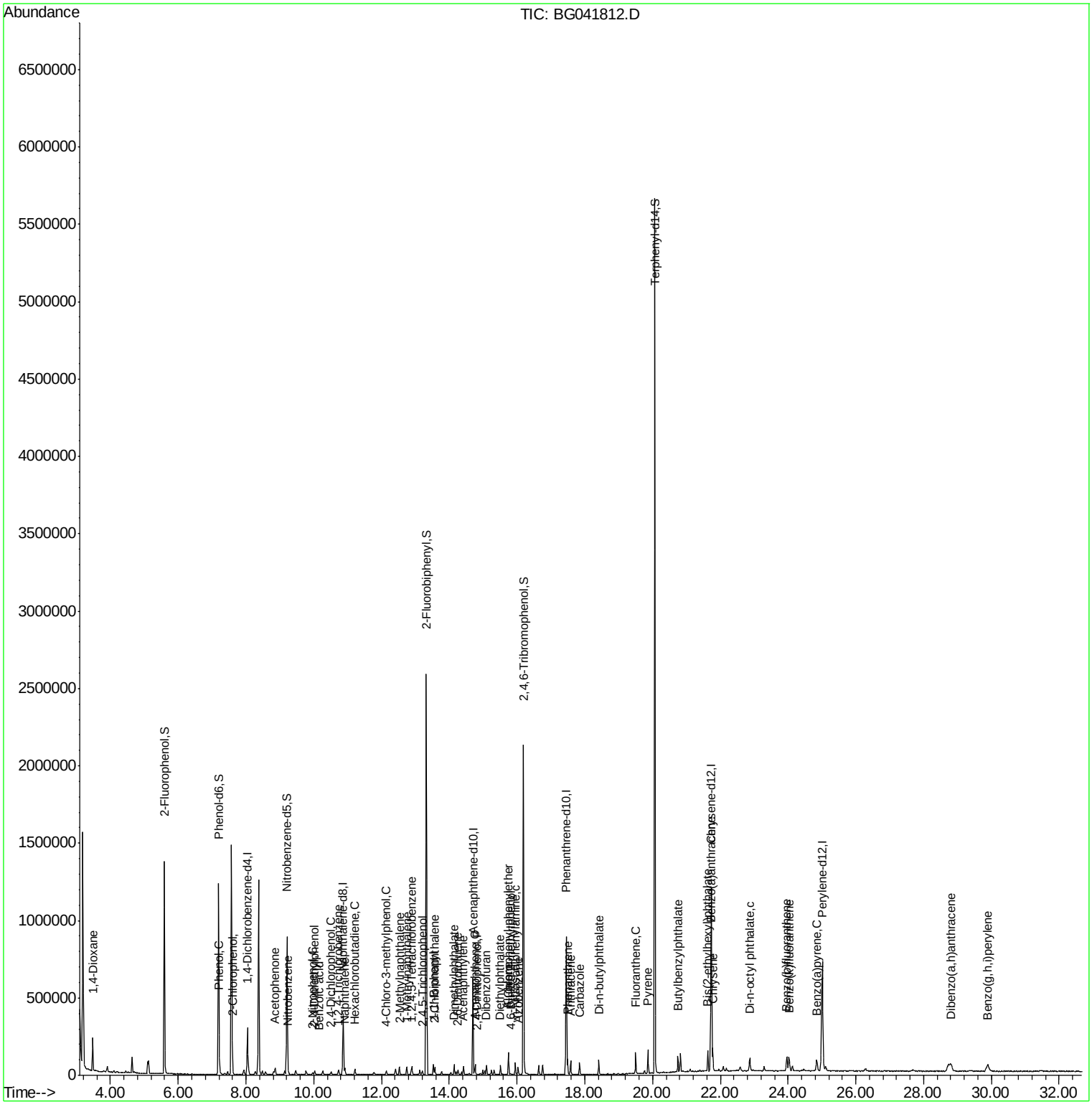
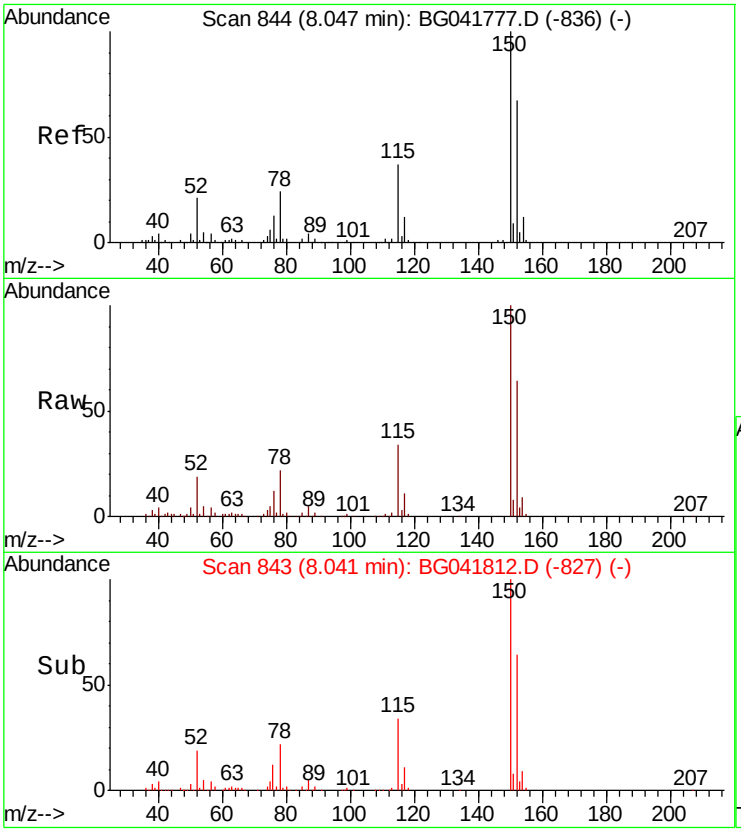
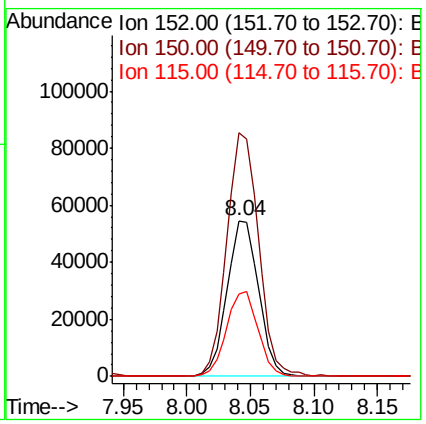




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:152 Resp: 93568

Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.9	190.3
115	52.7	45.0	67.6



Instrument :
BNA_G
ClientSampleId :
OK-01-072919

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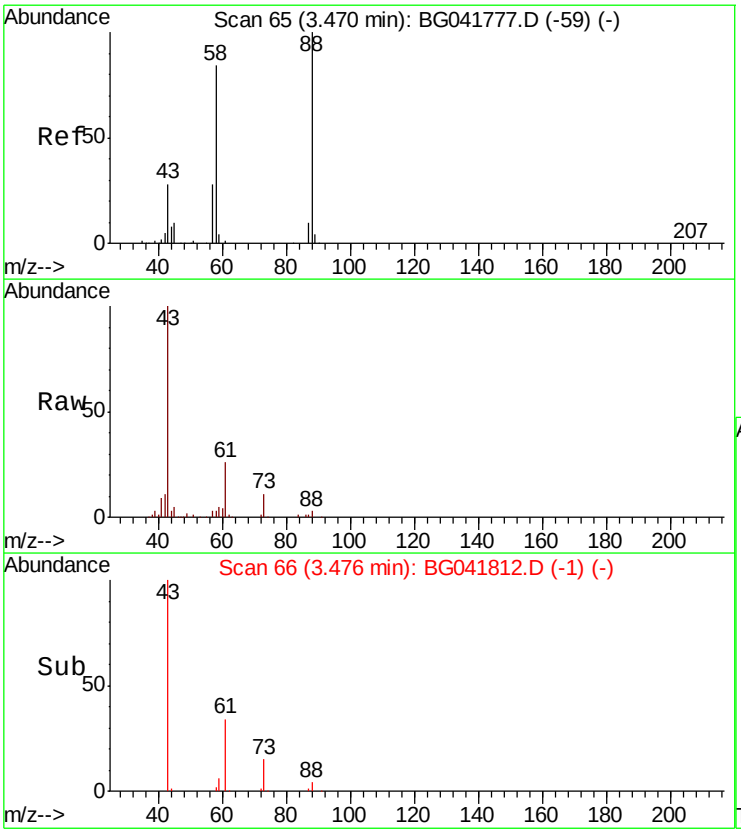
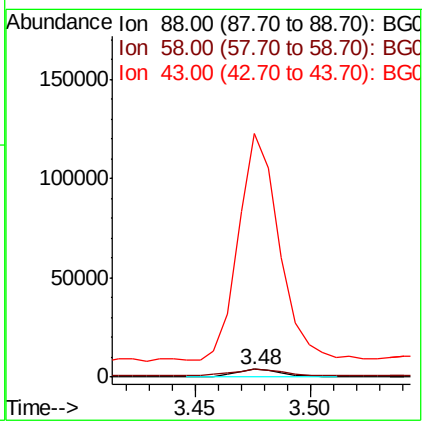
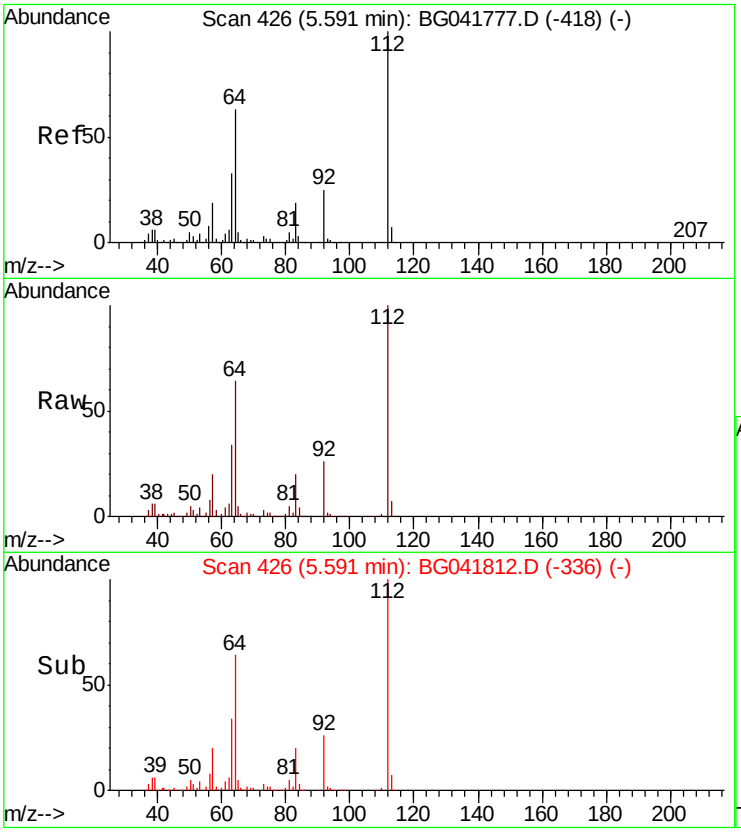


#2
1,4-Dioxane
Concen: 2.162 ng
RT: 3.48 min Scan# 66
Delta R.T. 0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion: 88 Resp: 4894

Ion	Ratio	Lower	Upper
88	100		
58	114.4	76.2	114.2#
43	2892.4	27.2	40.8#

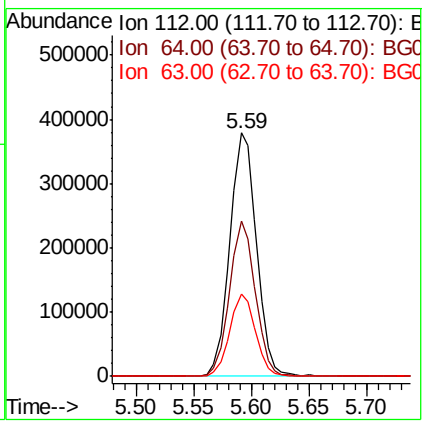




#5
2-Fluorophenol
Concen: 125.858 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:112 Resp: 605269

Ion	Ratio	Lower	Upper
112	100		
64	64.0	55.4	83.2
63	33.6	29.1	43.7



Instrument :
BNA_G
ClientSampleId :
OK-01-072919

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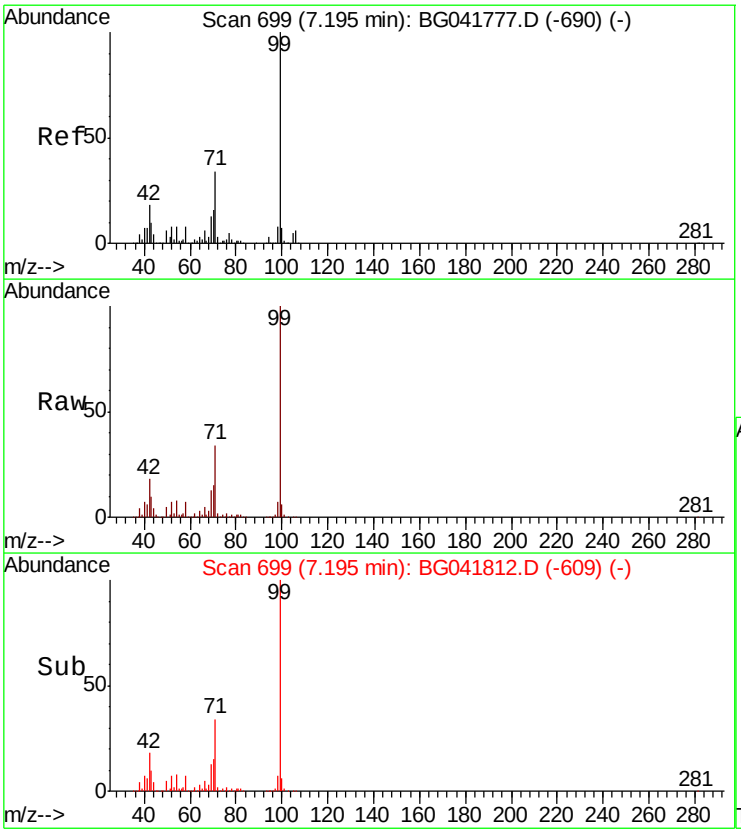
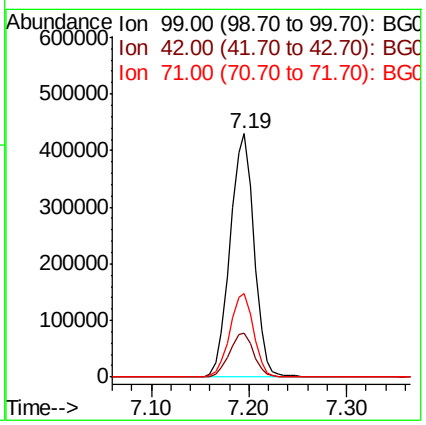
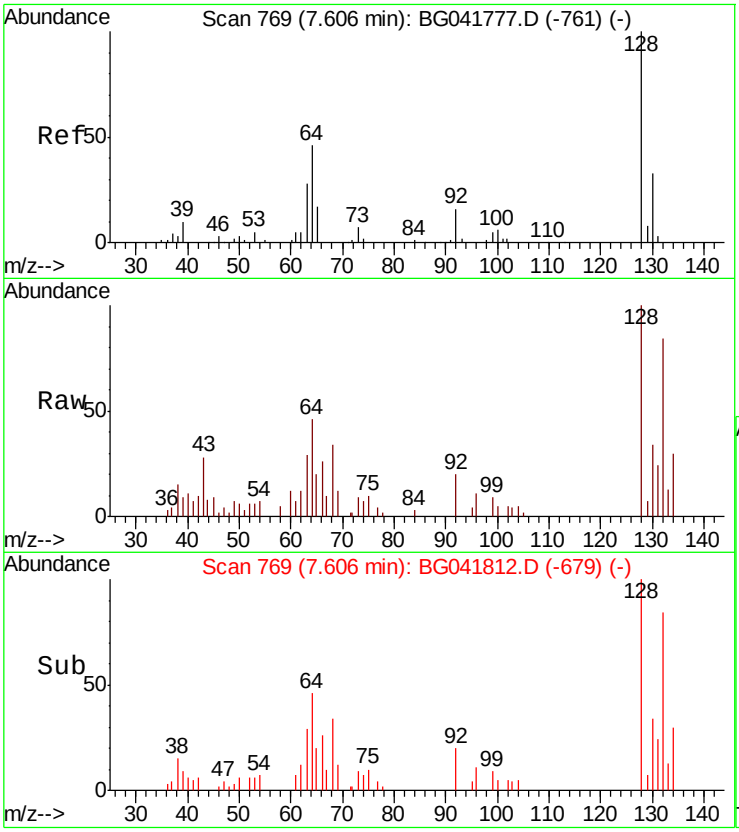


#7
Phenol-d6
Concen: 113.015 ng
RT: 7.19 min Scan# 699
Delta R.T. 0.00 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion: 99 Resp: 732738

Ion	Ratio	Lower	Upper
99	100		
42	18.0	17.6	26.4
71	34.5	27.8	41.6

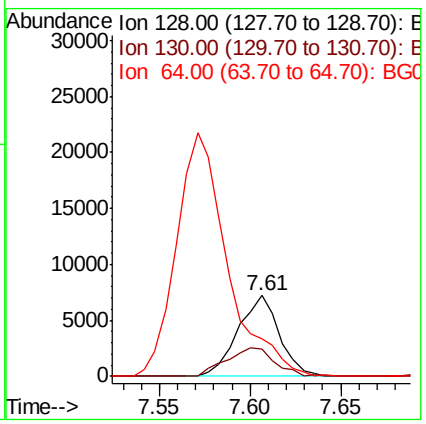




#8
2-Chlorophenol
Concen: 2.077 ng
RT: 7.61 min Scan# 769
Delta R.T. 0.00 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:128 Resp: 11439

Ion	Ratio	Lower	Upper
128	100		
130	33.6	12.4	52.4
64	46.2	34.9	74.9



Instrument :
BNA_G
ClientSampleId :
OK-01-072919

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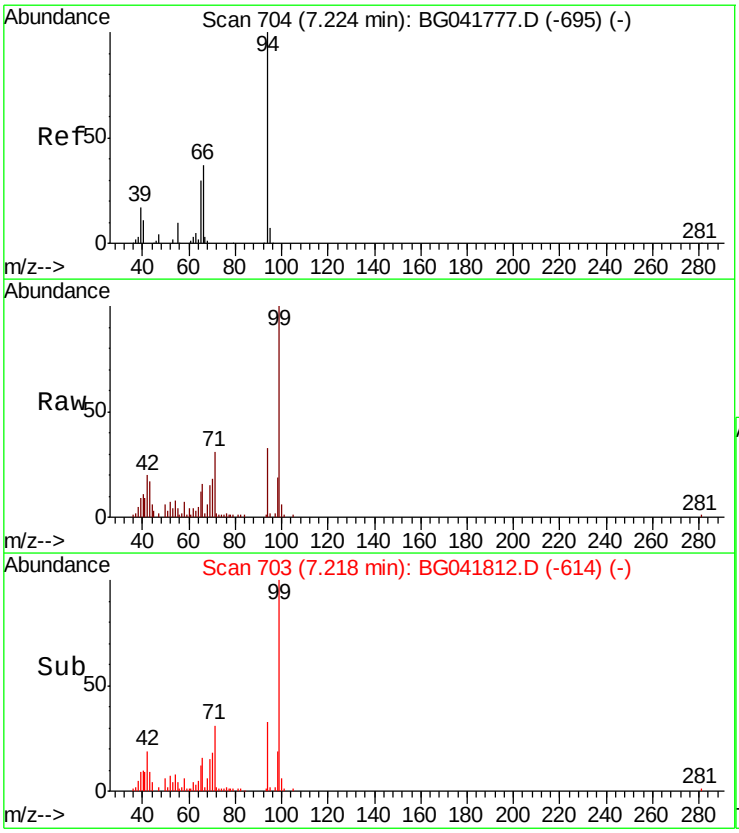
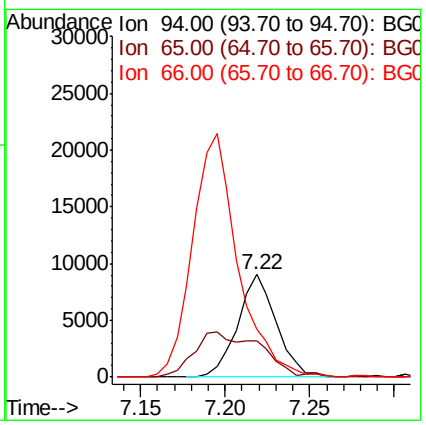
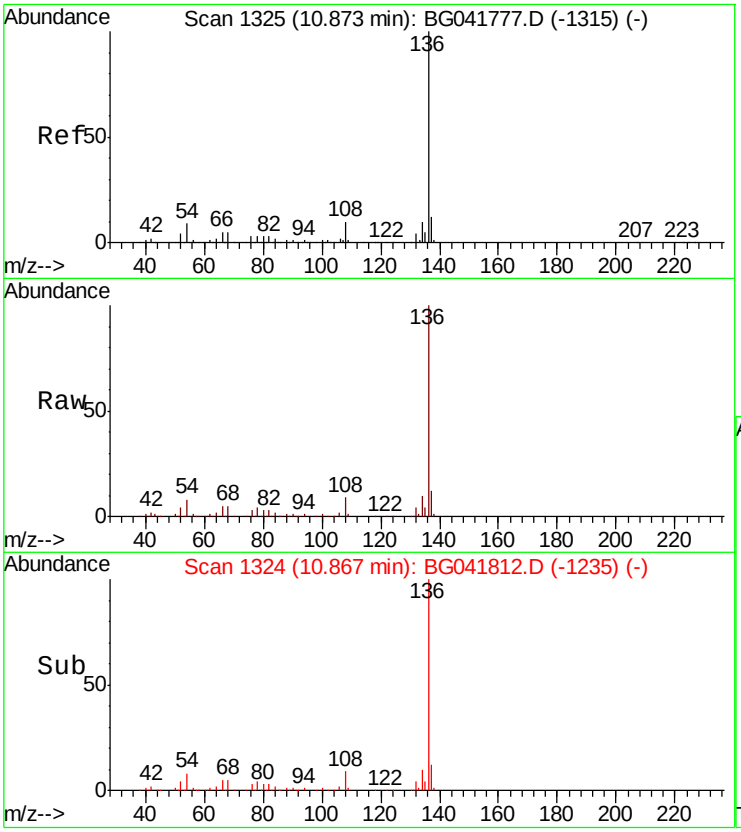


#10
Phenol
Concen: 2.119 ng
RT: 7.22 min Scan# 703
Delta R.T. -0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion: 94 Resp: 14290

Ion	Ratio	Lower	Upper
94	100		
65	35.0	10.6	50.6
66	46.5	18.2	58.2

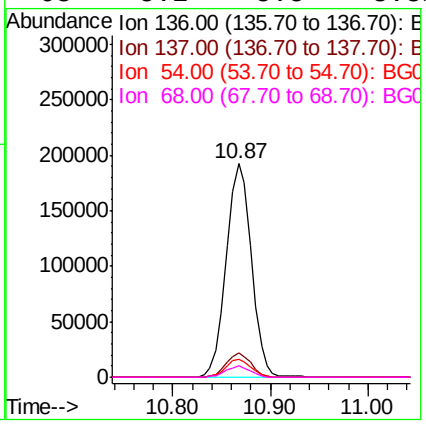




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:136 Resp: 344328

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	8.5	8.7	13.1#
68	5.2	5.5	8.3#



Instrument :
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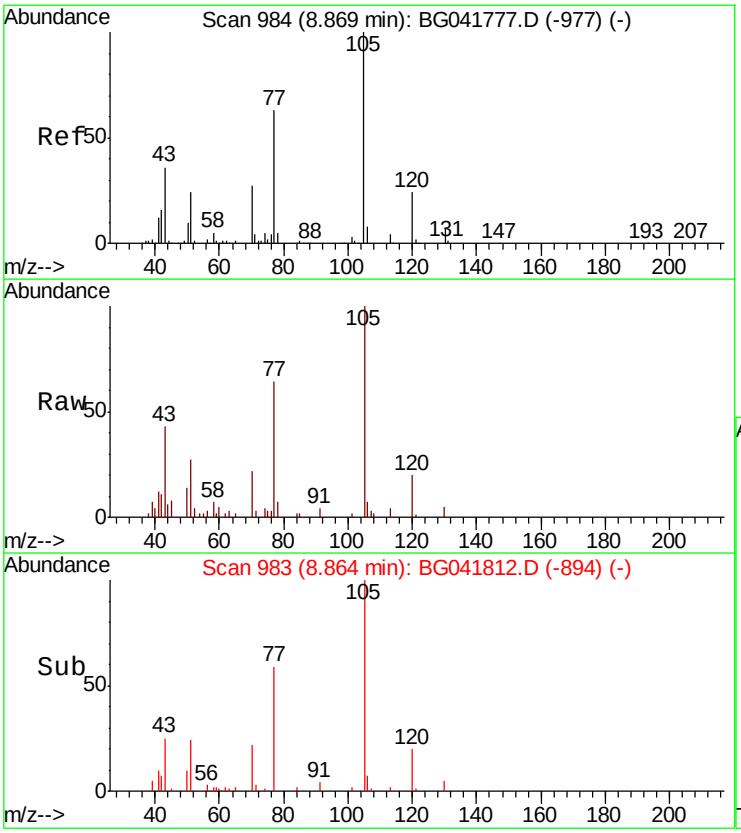
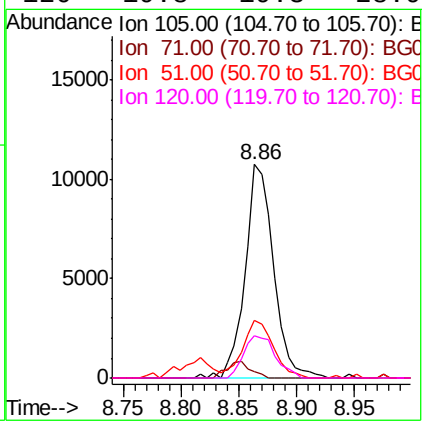
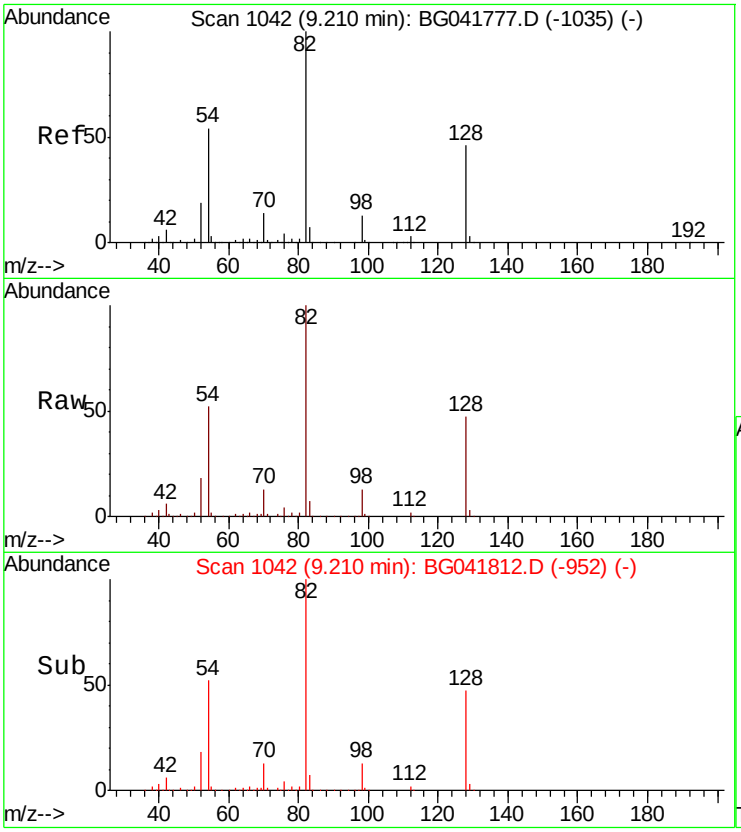


#22
Acetophenone
Concen: 2.398 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:105 Resp: 18466

Ion	Ratio	Lower	Upper
105	100		
71	2.8	5.9	8.9#
51	26.8	27.7	41.5#
120	19.8	19.3	28.9

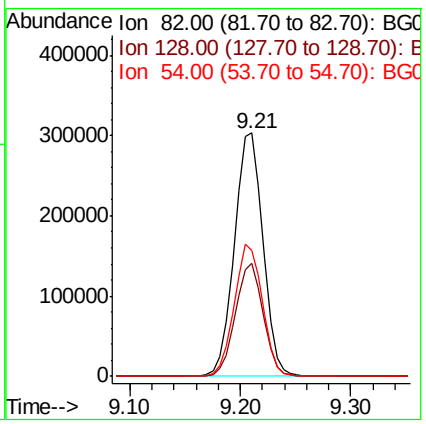




#23
Nitrobenzene-d5
Concen: 109.968 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion: 82 Resp: 550233

Ion	Ratio	Lower	Upper
82	100		
128	46.7	35.1	52.7
54	51.9	48.7	73.1



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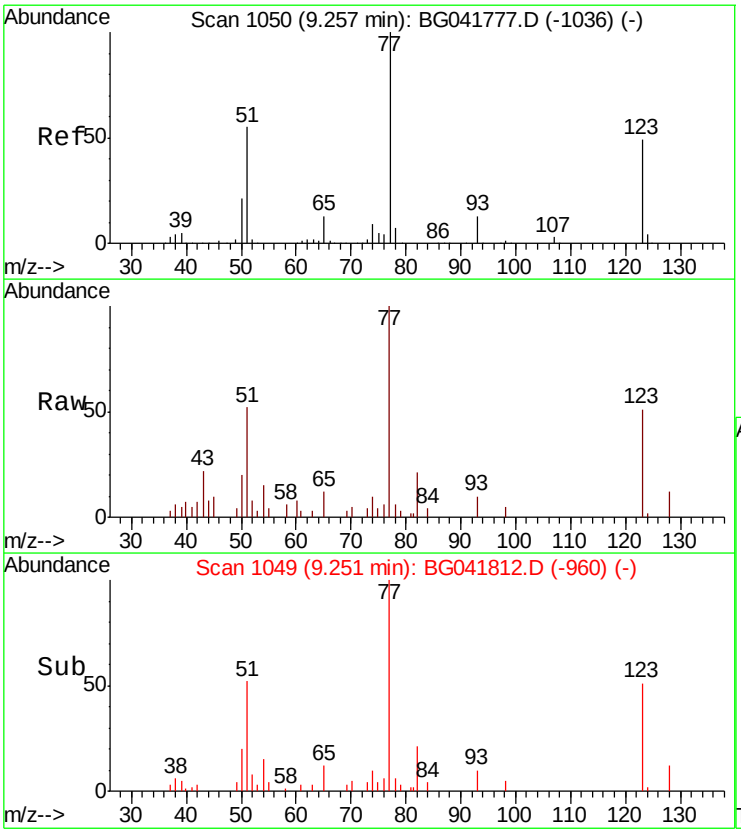
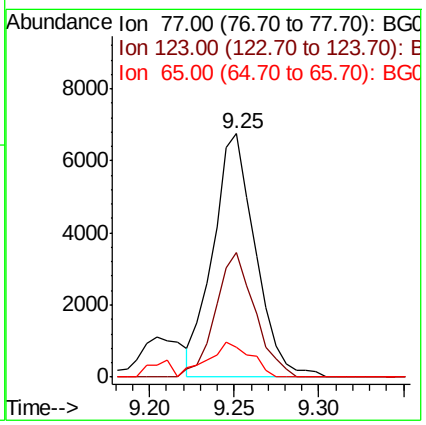
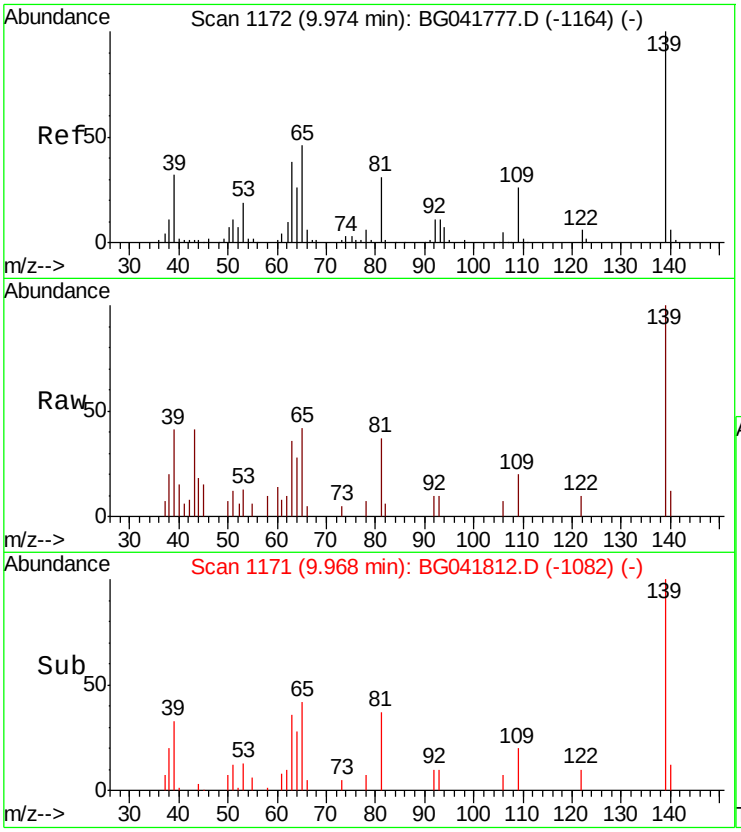


#24
Nitrobenzene
Concen: 2.236 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion: 77 Resp: 11787

Ion	Ratio	Lower	Upper
77	100		
123	51.3	38.1	57.1
65	12.4	11.0	16.6





#26
2-Nitrophenol
Concen: 2.270 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:139 Resp: 5553

Ion	Ratio	Lower	Upper
139	100		
109	19.7	22.7	34.1#
65	41.8	41.1	61.7

Instrument :
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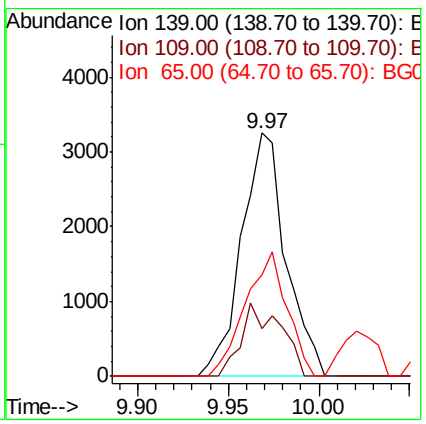
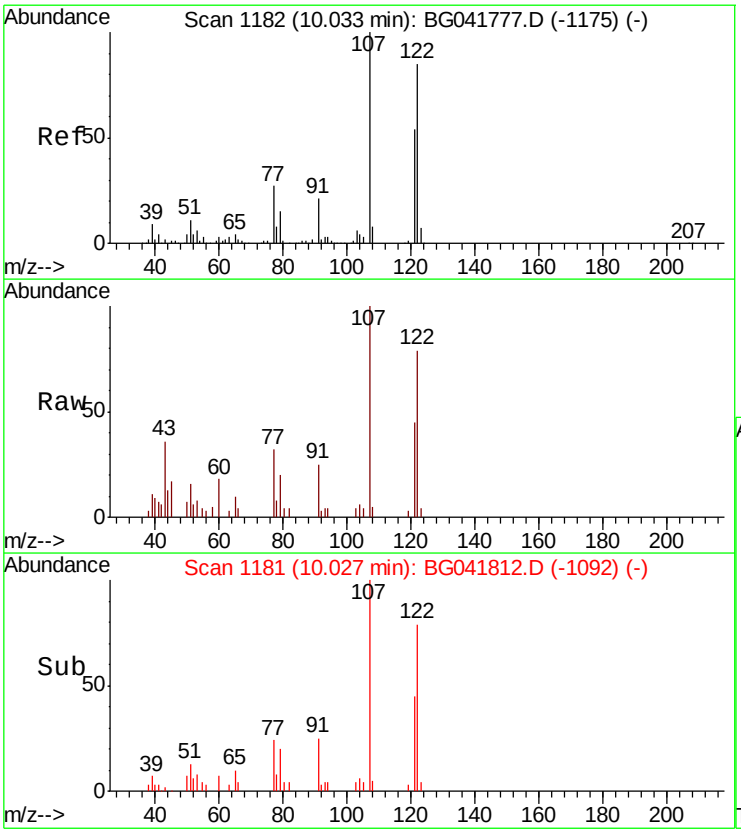
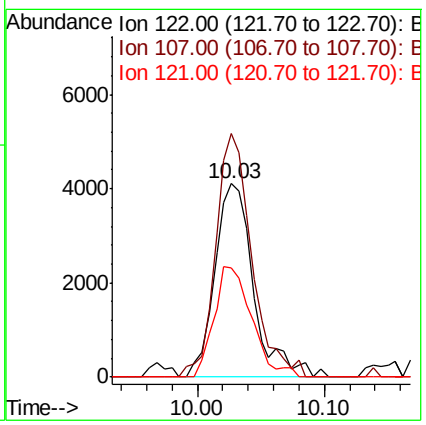


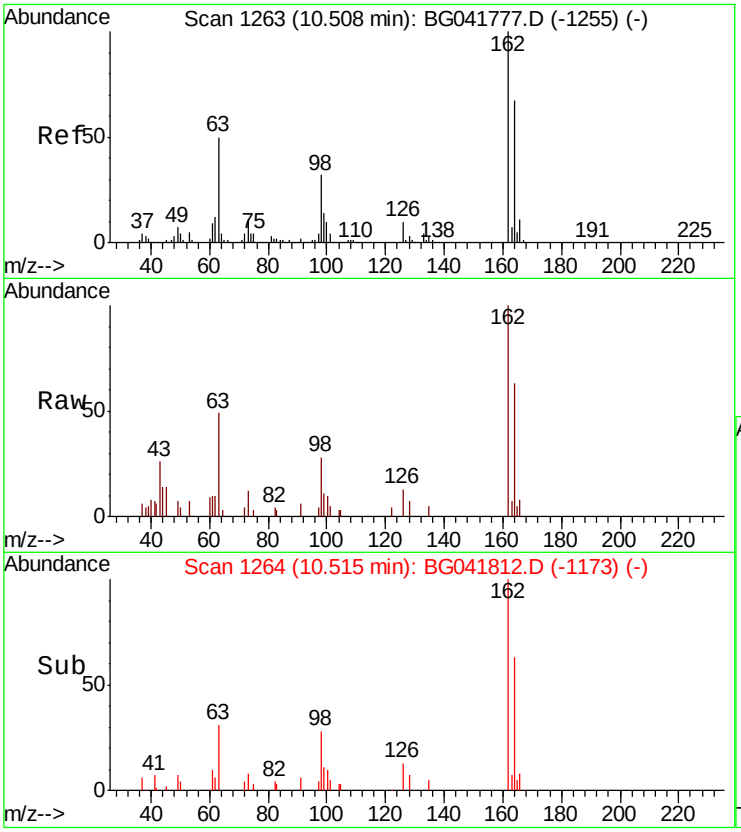


#27
2,4-Dimethylphenol
Concen: 2.012 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:122 Resp: 8689

Ion	Ratio	Lower	Upper
122	100		
107	126.1	91.3	136.9
121	56.8	49.2	73.8

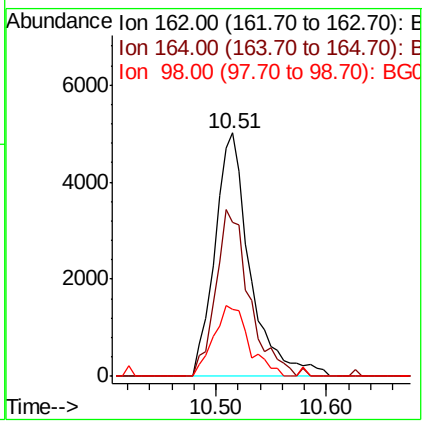




#29
2,4-Dichlorophenol
Concen: 2.106 ng
RT: 10.51 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:162 Resp: 11074

Ion	Ratio	Lower	Upper
162	100		
164	63.0	46.1	86.1
98	27.6	14.7	54.7



Instrument :
BNA_G
ClientSampleId :
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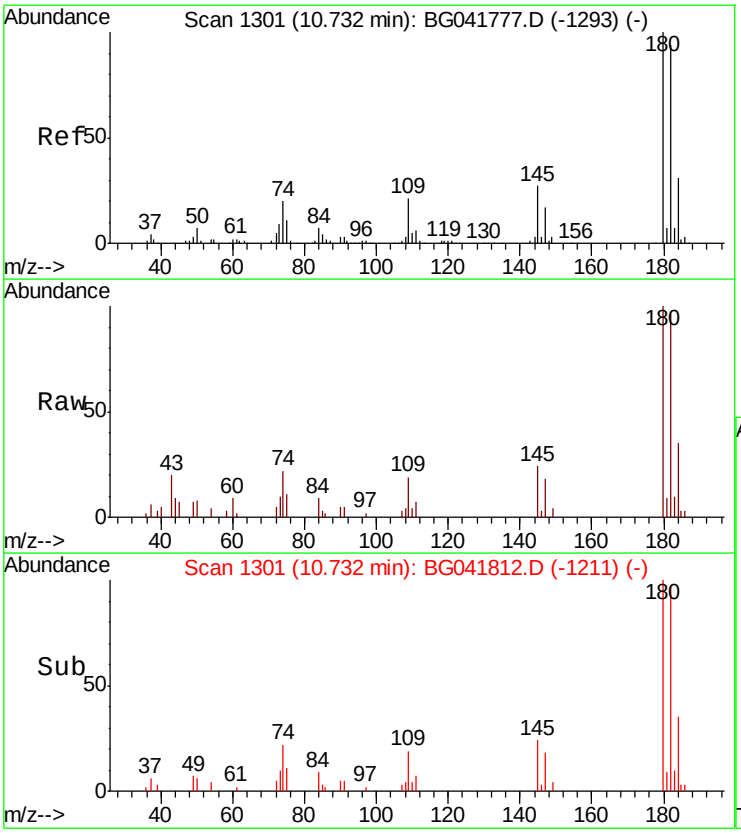
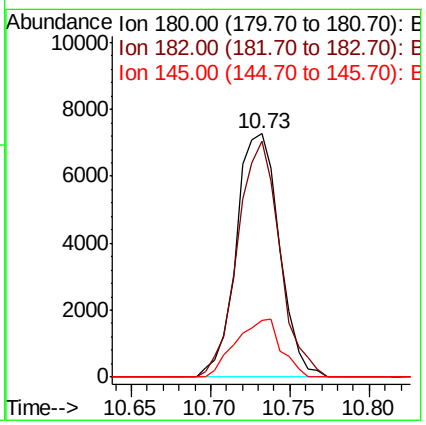
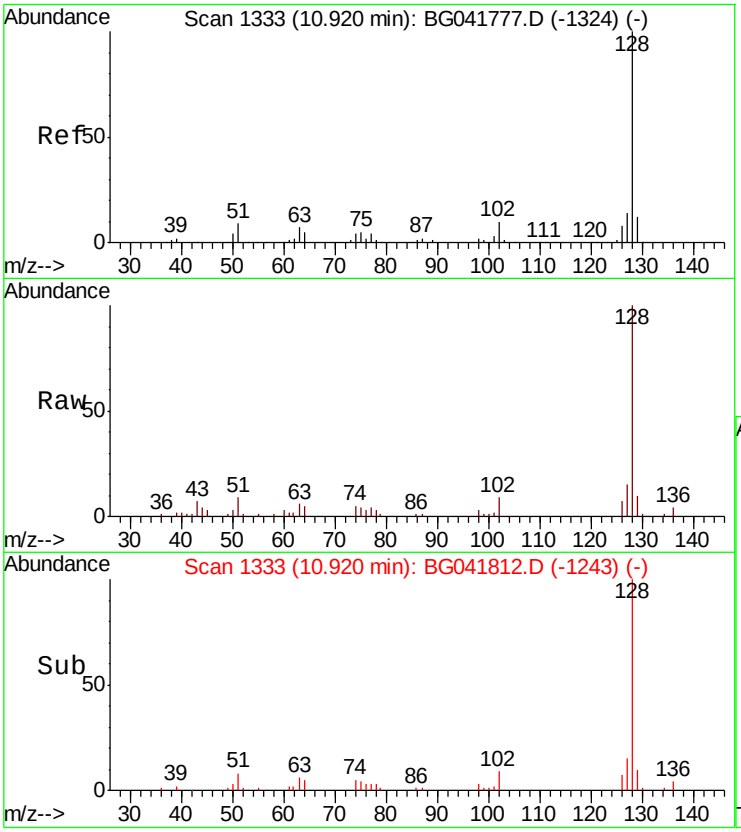


#30
1,2,4-Trichlorobenzene
Concen: 2.055 ng
RT: 10.73 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:180 Resp: 13701

Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.2	114.2
145	23.6	23.8	35.8#

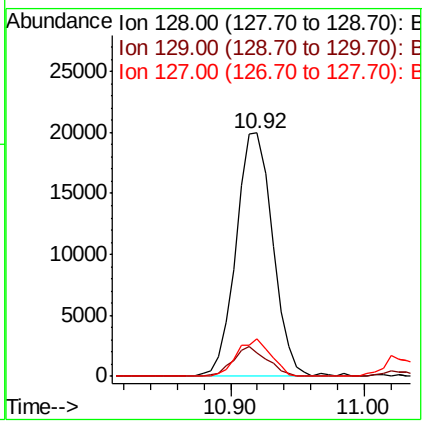




#31
Naphthalene
Concen: 2.404 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:128 Resp: 37883

Ion	Ratio	Lower	Upper
128	100		
129	9.9	10.0	15.0#
127	15.2	12.3	18.5



Instrument :
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ClientSampleId :
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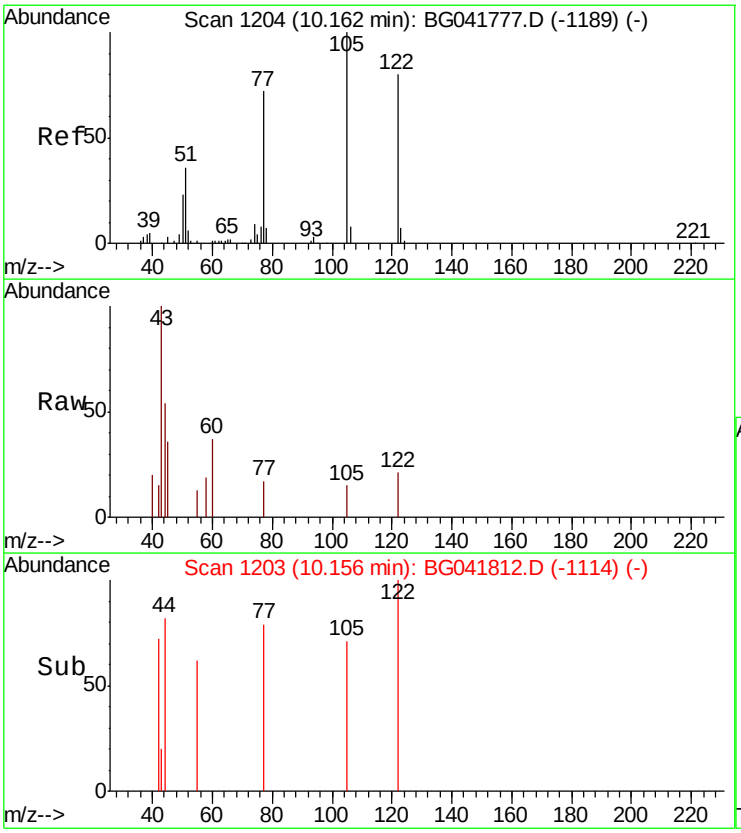
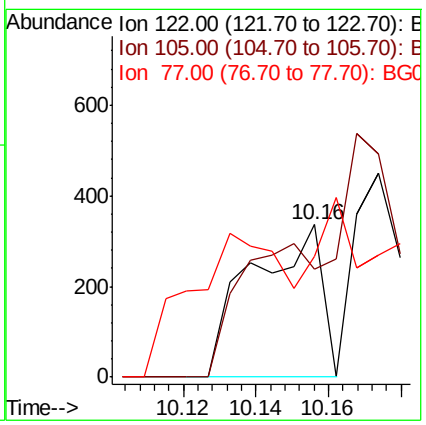
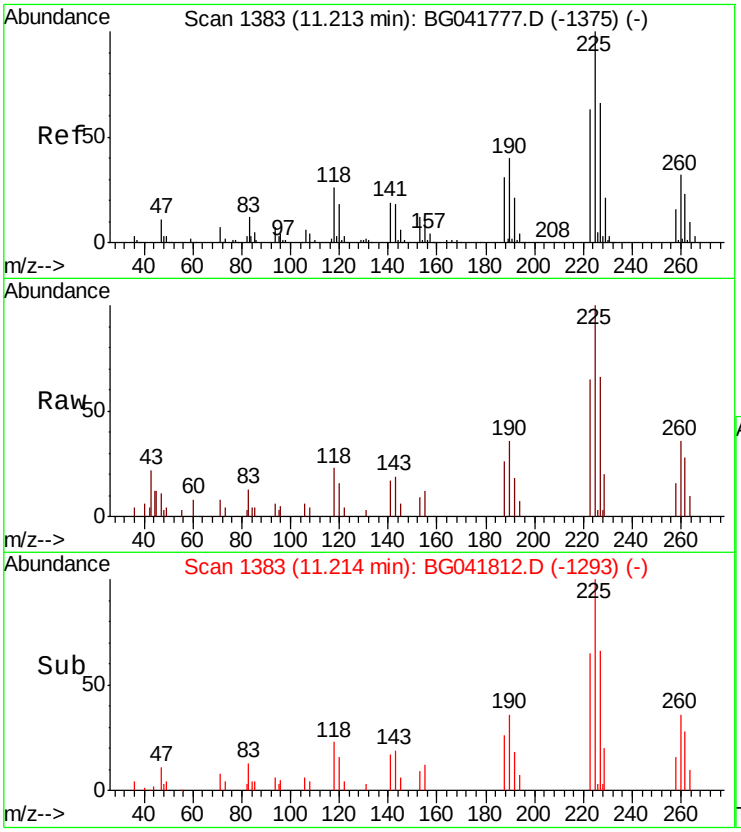


#32
Benzoic acid
Concen: 8.847 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:122 Resp: 448

Ion	Ratio	Lower	Upper
122	100		
105	70.5	101.5	141.5#
77	79.2	73.0	113.0

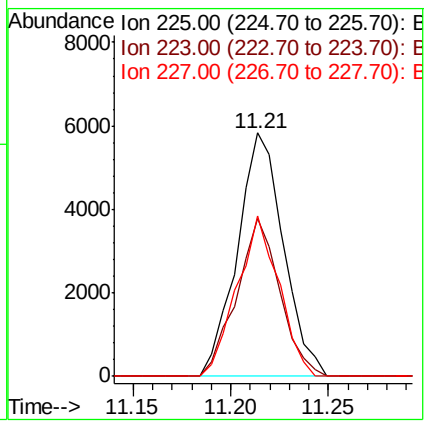




#34
Hexachlorobutadiene
Concen: 2.115 ng
RT: 11.21 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:225 Resp: 9517

Ion	Ratio	Lower	Upper
225	100		
223	65.0	51.1	76.7
227	65.9	50.9	76.3



Instrument :
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ClientSampleId :
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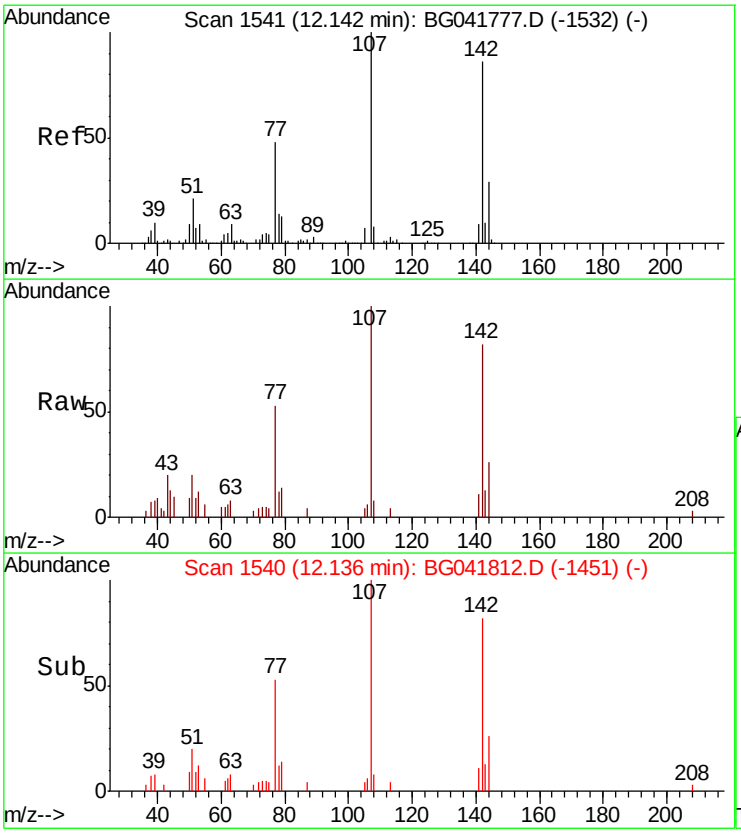
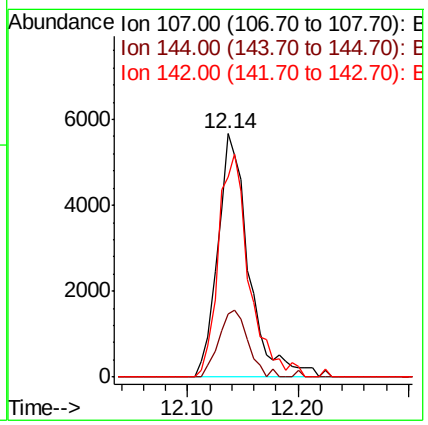
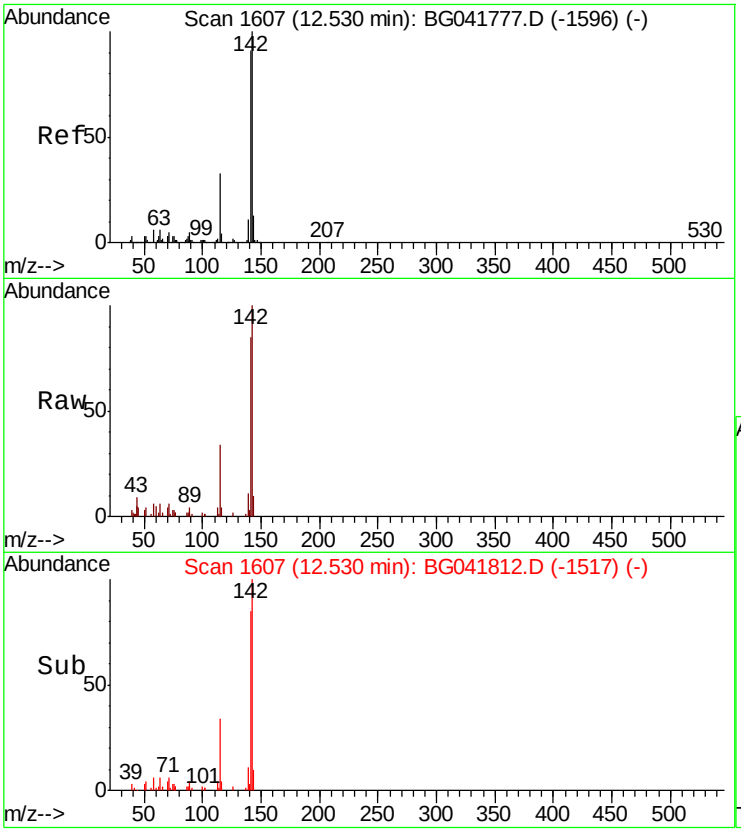


#36
4-Chloro-3-methylphenol
Concen: 2.129 ng
RT: 12.14 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:107 Resp: 11099

Ion	Ratio	Lower	Upper
107	100		
144	26.0	22.2	33.2
142	82.2	67.3	100.9

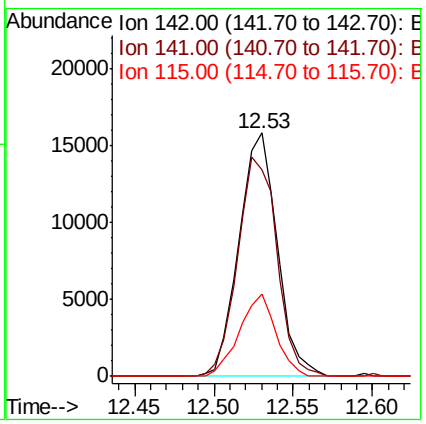




#37
2-Methylnaphthalene
Concen: 2.126 ng
RT: 12.53 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:142 Resp: 26524

Ion	Ratio	Lower	Upper
142	100		
141	84.7	72.7	109.1
115	34.1	27.0	40.4



Instrument :
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ClientSampleId :
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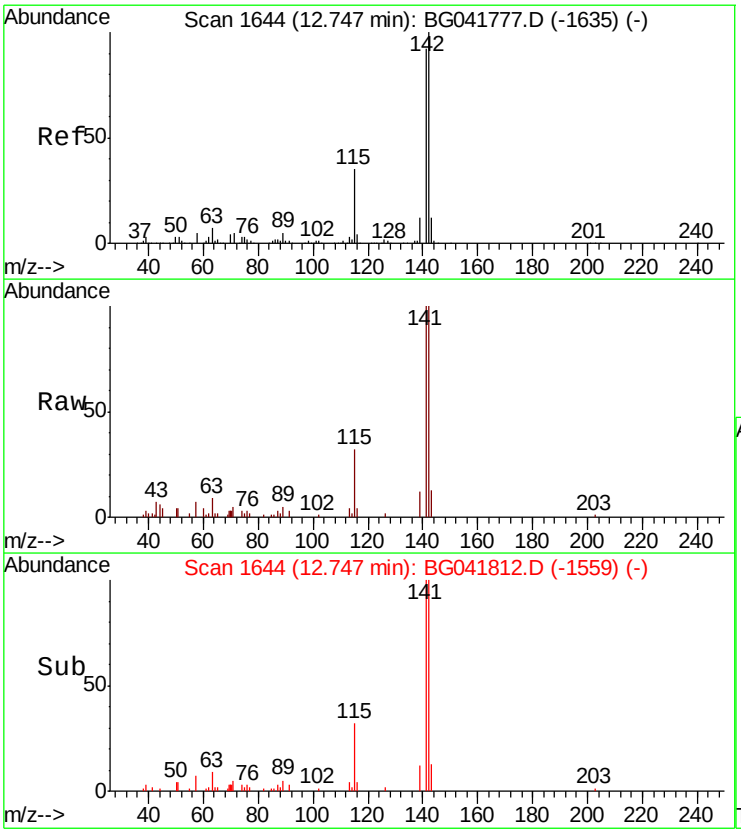
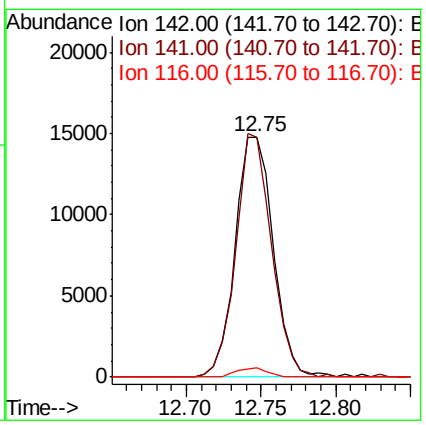
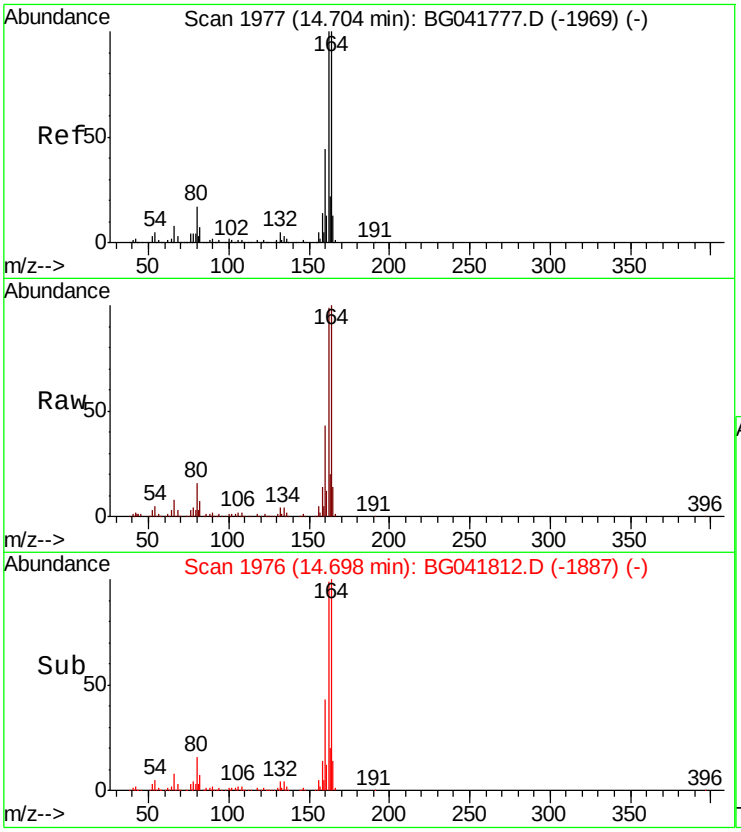


#38
1-Methylnaphthalene
Concen: 2.205 ng
RT: 12.75 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:142 Resp: 26070

Ion	Ratio	Lower	Upper
142	100		
141	99.8	75.4	113.2
116	4.0	3.2	4.8

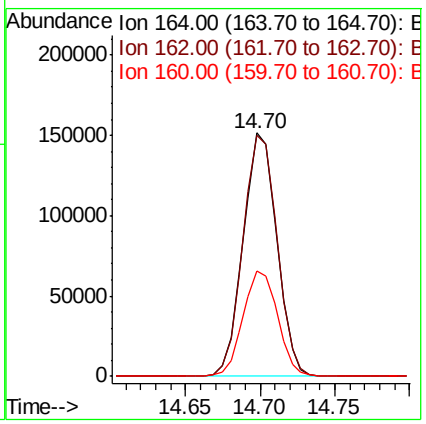




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:164 Resp: 236365

Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.6	119.4
160	43.0	35.4	53.0



Instrument :
BNA_G
ClientSampleId :
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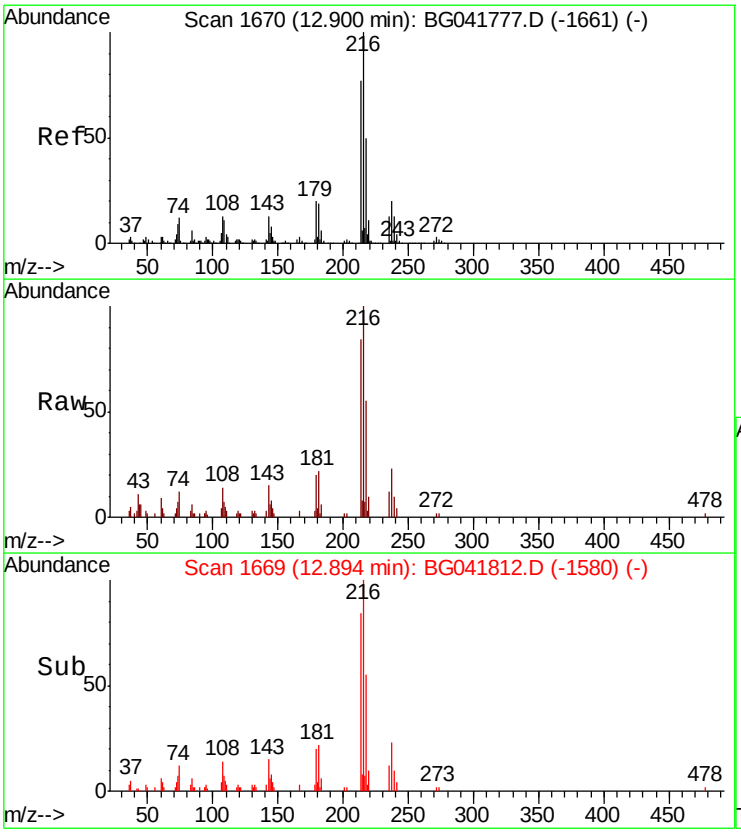
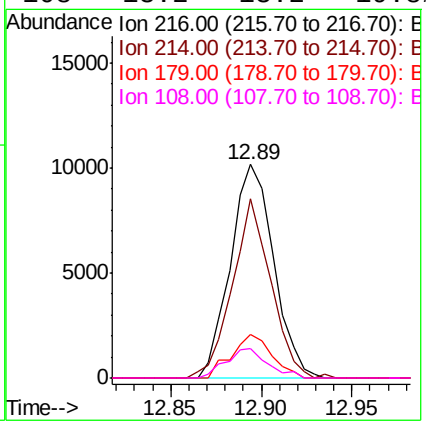
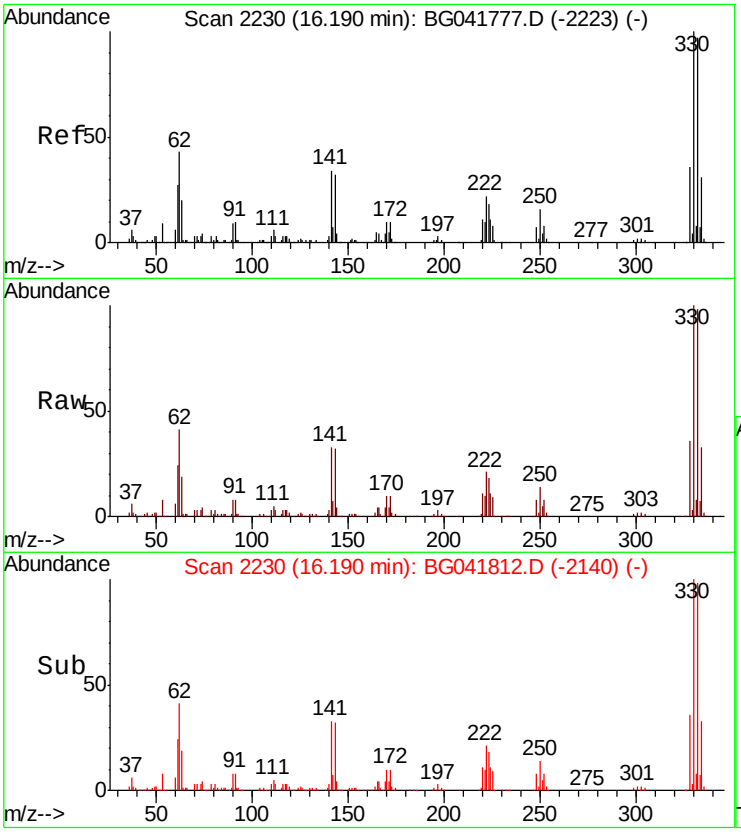


#40
1,2,4,5-Tetrachlorobenzene
Concen: 2.250 ng
RT: 12.89 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:216 Resp: 16836

Ion	Ratio	Lower	Upper
216	100		
214	74.6	61.5	92.3
179	18.9	16.2	24.2
108	13.2	13.2	19.8#

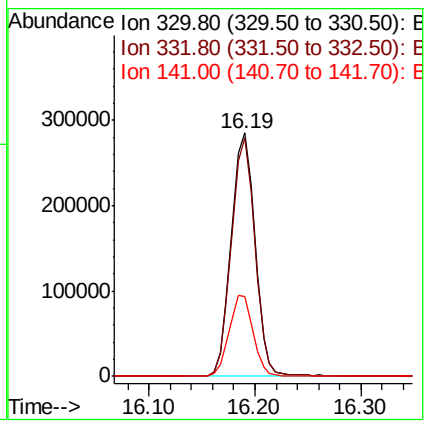




#42
2,4,6-Tribromophenol
Concen: 165.755 ng
RT: 16.19 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:330 Resp: 445016

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.0
141	33.2	31.9	47.9



Instrument :
BNA_G
ClientSampleId :
OK-01-072919

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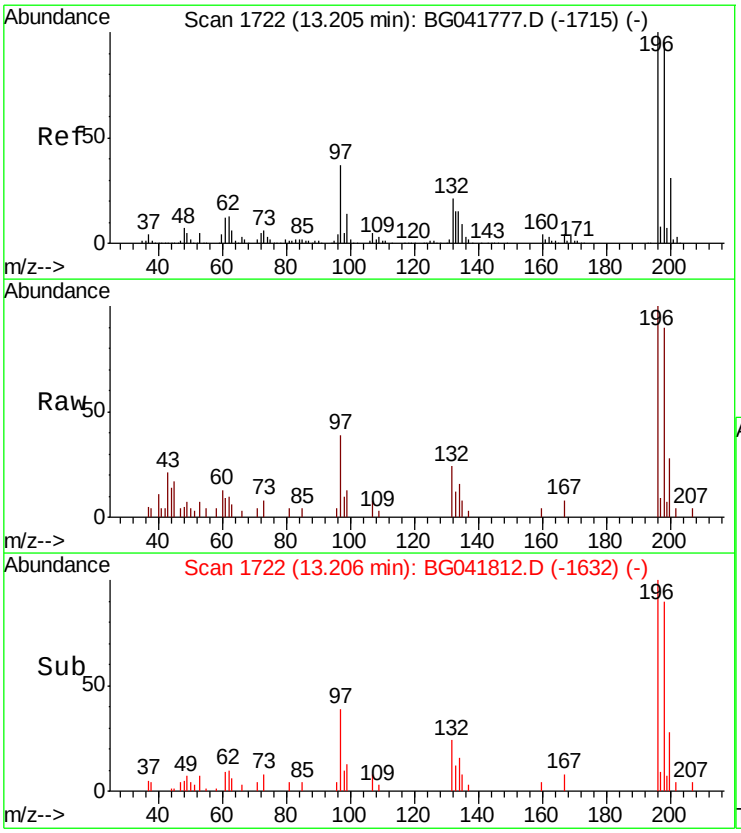
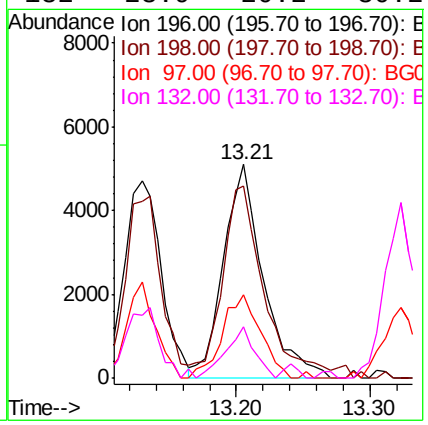
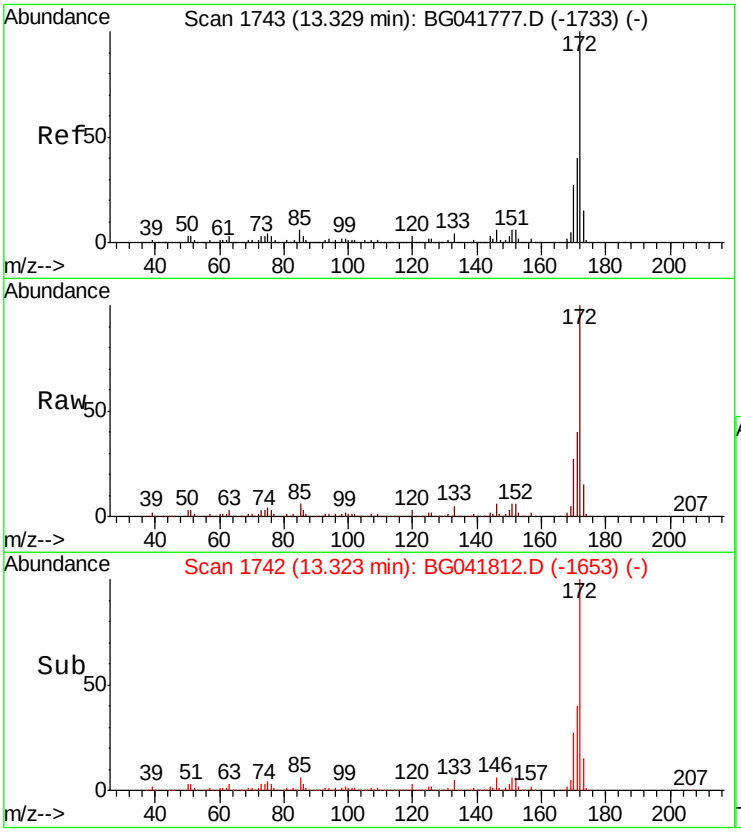


#44
2,4,5-Trichlorophenol
Concen: 2.156 ng
RT: 13.21 min Scan# 1722
Delta R.T. 0.00 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:196 Resp: 10597

Ion	Ratio	Lower	Upper
196	100		
198	90.0	80.6	121.0
97	39.1	33.9	50.9
132	23.9	20.2	30.2

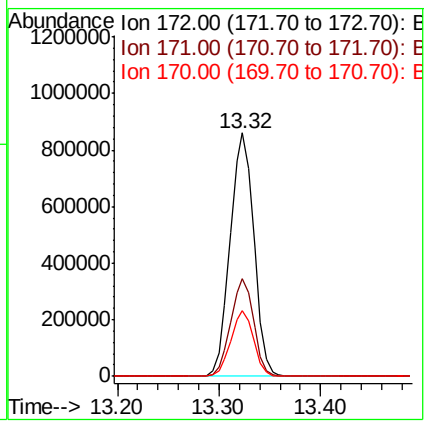




#45
2-Fluorobiphenyl
Concen: 104.055 ng
RT: 13.32 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:172 Resp: 1394492

Ion	Ratio	Lower	Upper
172	100		
171	40.4	35.0	52.4
170	27.2	23.5	35.3



Instrument :
BNA_G
ClientSampleId :
OK-01-072919

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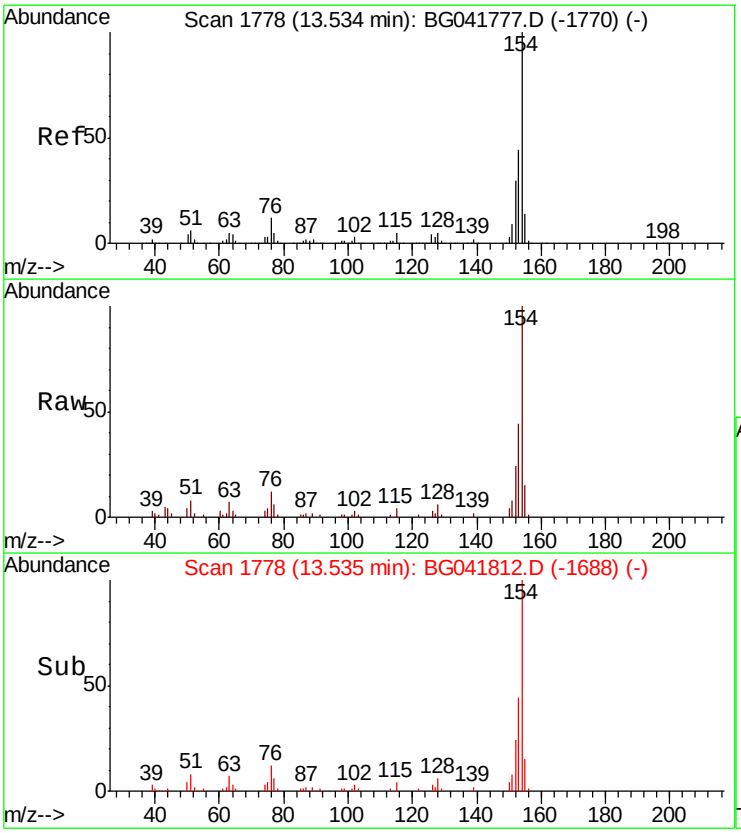
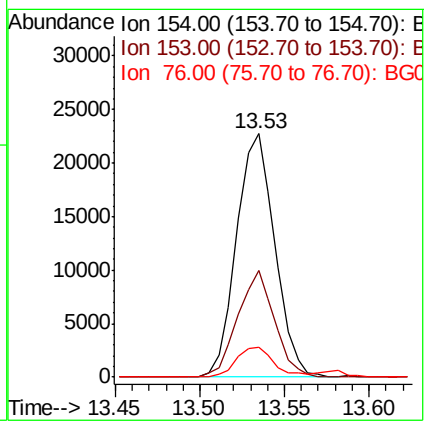
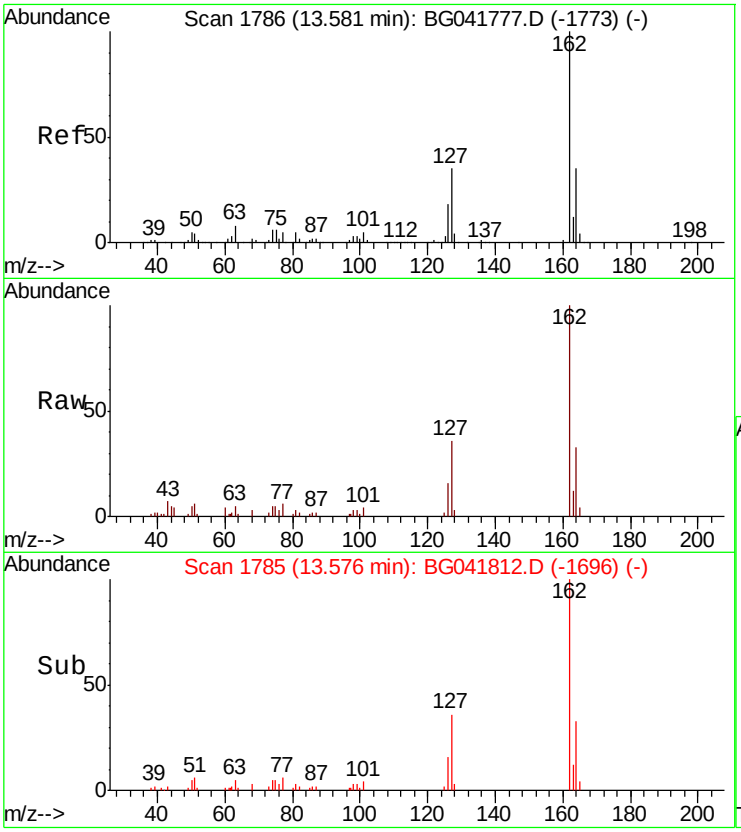


#46
1,1'-Biphenyl
Concen: 2.355 ng
RT: 13.53 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:154 Resp: 35779

Ion	Ratio	Lower	Upper
154	100		
153	44.0	25.0	65.0
76	12.4	0.0	34.5

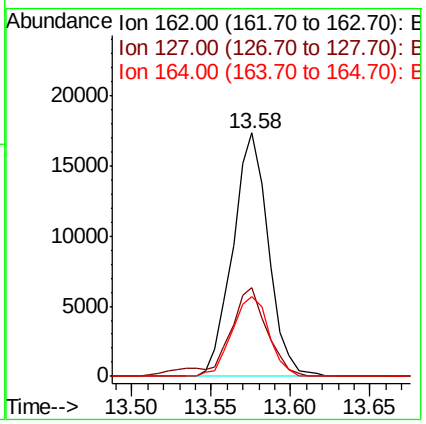




#47
2-Chloronaphthalene
Concen: 2.086 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:162 Resp: 26984

Ion	Ratio	Lower	Upper
162	100		
127	36.4	30.4	45.6
164	32.6	28.6	42.8



Instrument :
BNA_G
ClientSampleId :
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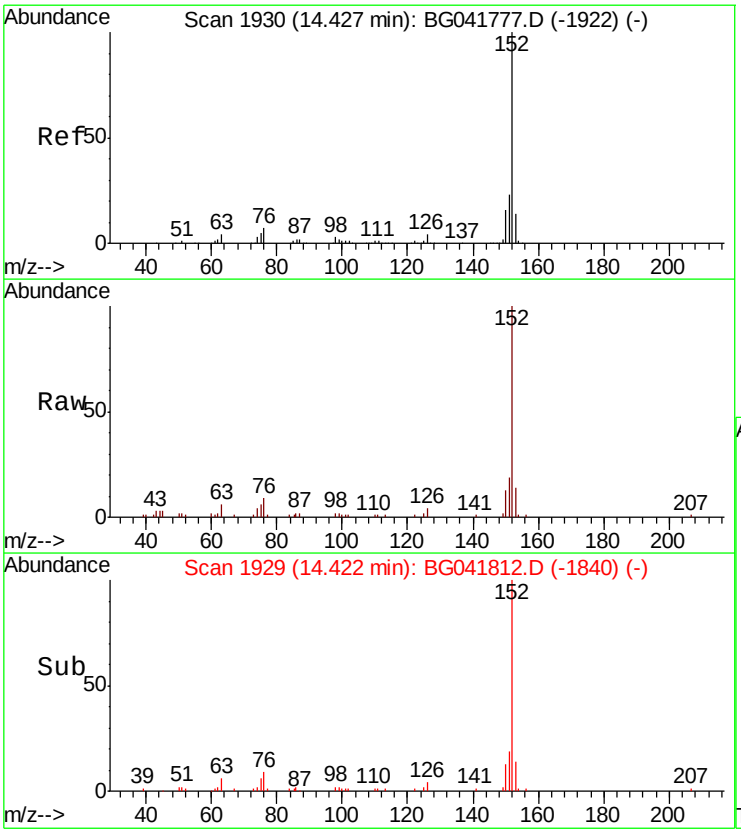
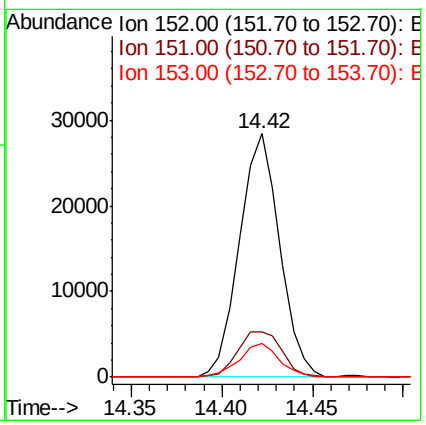
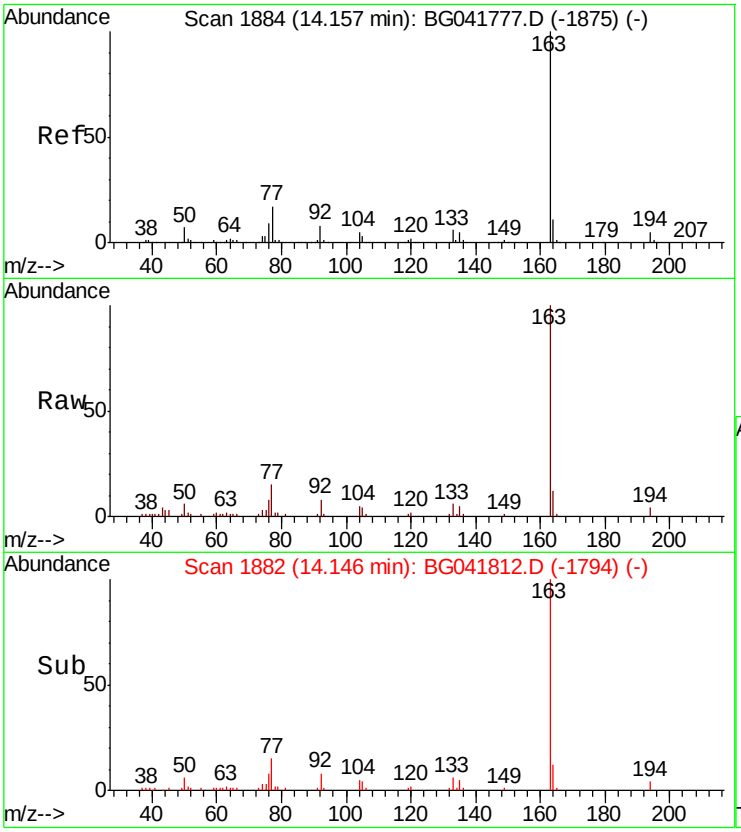


#49
Acenaphthylene
Concen: 2.265 ng
RT: 14.42 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:152 Resp: 43830

Ion	Ratio	Lower	Upper
152	100		
151	18.5	18.7	28.1#
153	14.1	12.4	18.6

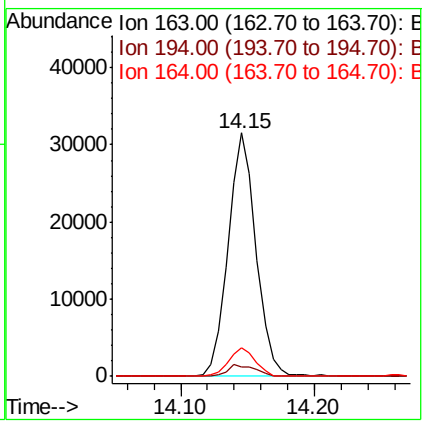




#50
Dimethylphthalate
Concen: 2.844 ng
RT: 14.15 min Scan# 1882
Delta R.T. -0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:163 Resp: 45908

Ion	Ratio	Lower	Upper
163	100		
194	4.1	4.2	6.2#
164	11.6	9.4	14.2



Instrument :
BNA_G
ClientSampleId :
OK-01-072919

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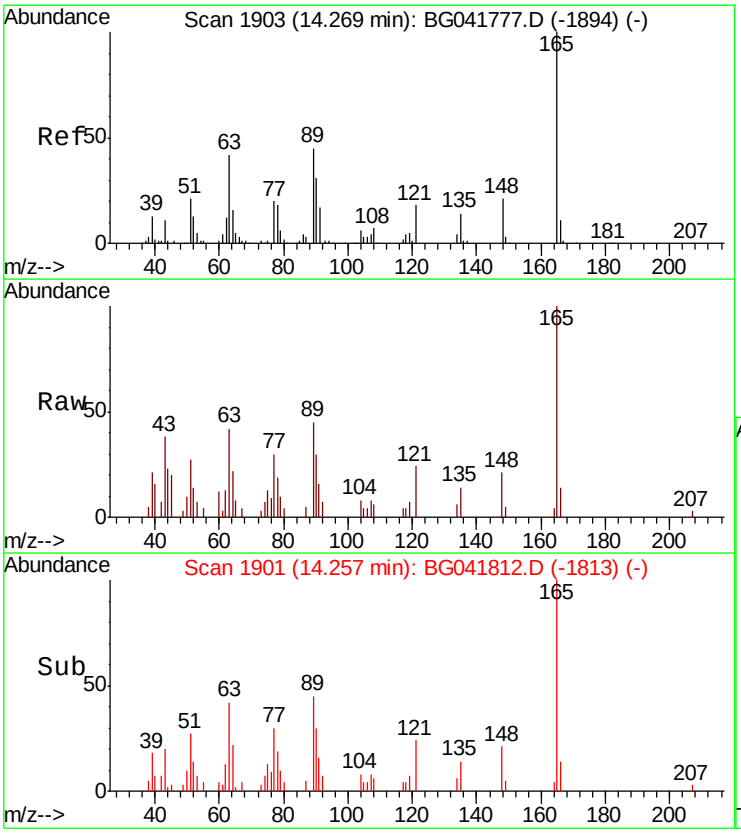
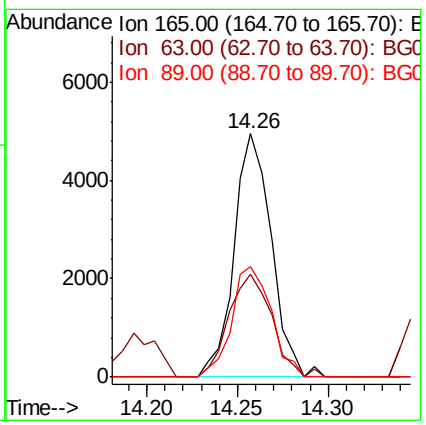
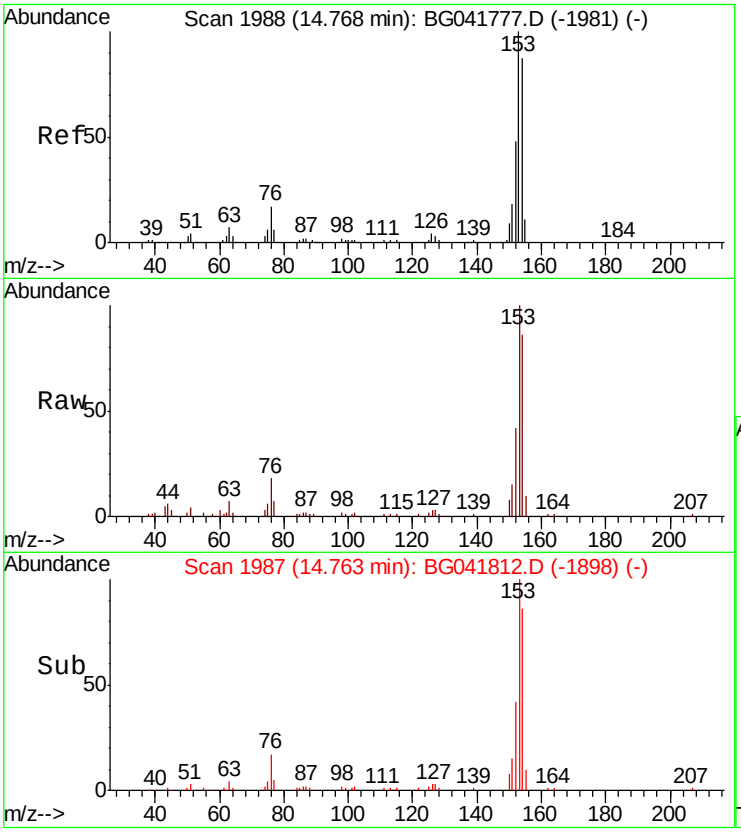


#51
2,6-Dinitrotoluene
Concen: 2.098 ng
RT: 14.26 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:165 Resp: 7082

Ion	Ratio	Lower	Upper
165	100		
63	42.2	42.4	63.6#
89	45.4	42.1	63.1

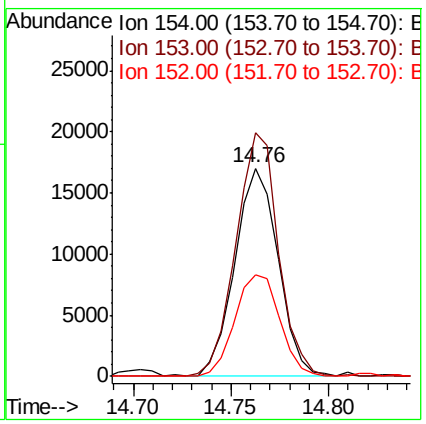




#52
Acenaphthene
Concen: 2.079 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:154 Resp: 26171

Ion	Ratio	Lower	Upper
154	100		
153	116.9	89.8	134.6
152	49.0	44.9	67.3



Instrument :
BNA_G
ClientSampleId :
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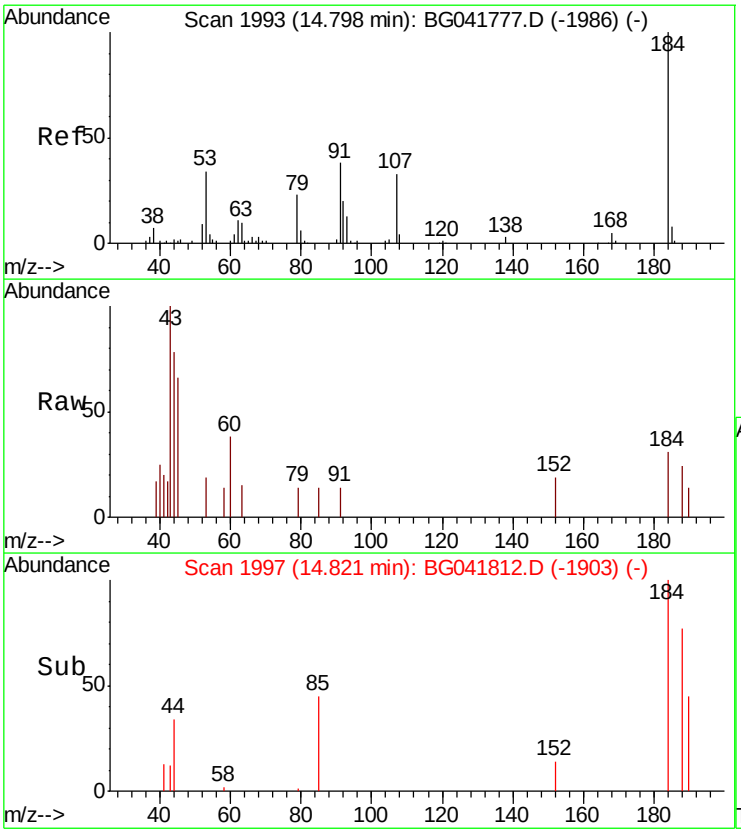
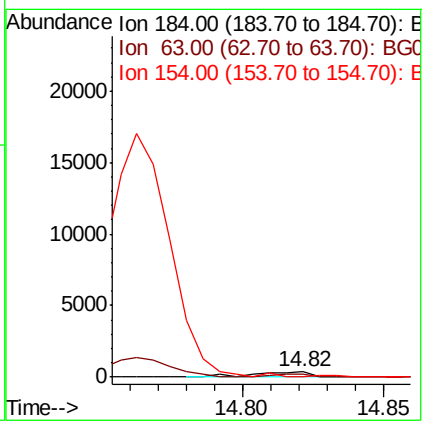
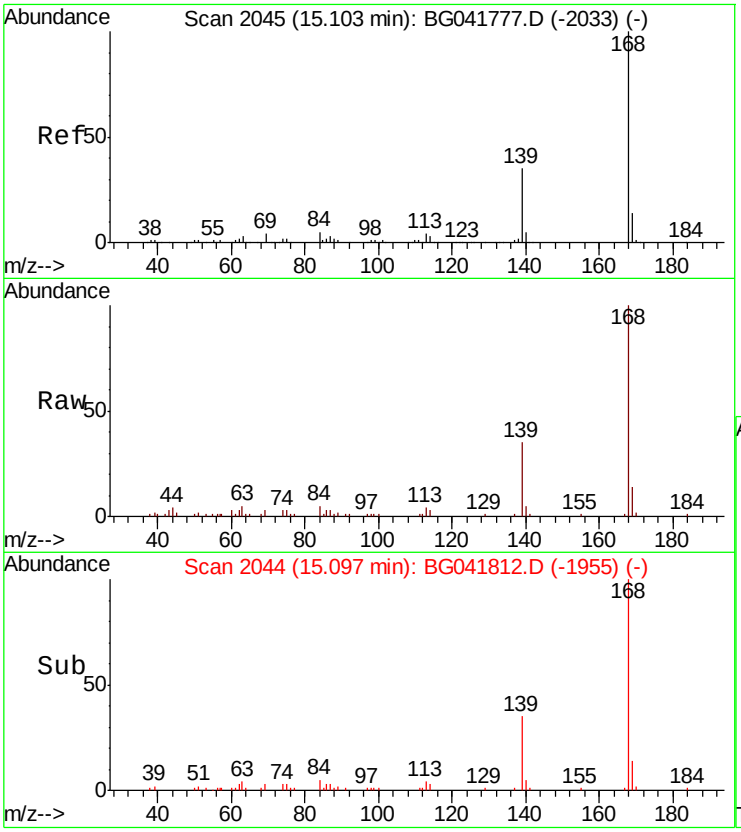


#54
2,4-Dinitrophenol
Concen: 3.575 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.02 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:184 Resp: 472

Ion	Ratio	Lower	Upper
184	100		
63	46.1	43.2	64.8
154	0.0	51.4	77.2#

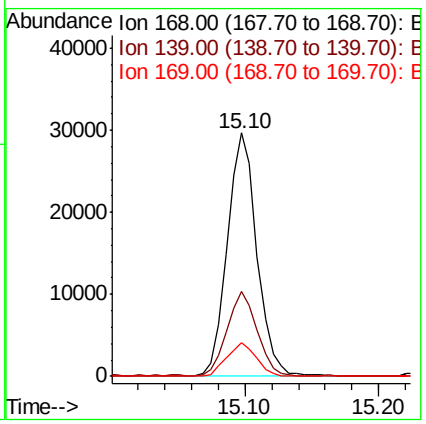




#55
Dibenzofuran
Concen: 2.381 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:168 Resp: 45836

Ion	Ratio	Lower	Upper
168	100		
139	35.0	31.9	47.9
169	13.8	12.5	18.7



Instrument :
BNA_G
ClientSampleId :
OK-01-072919

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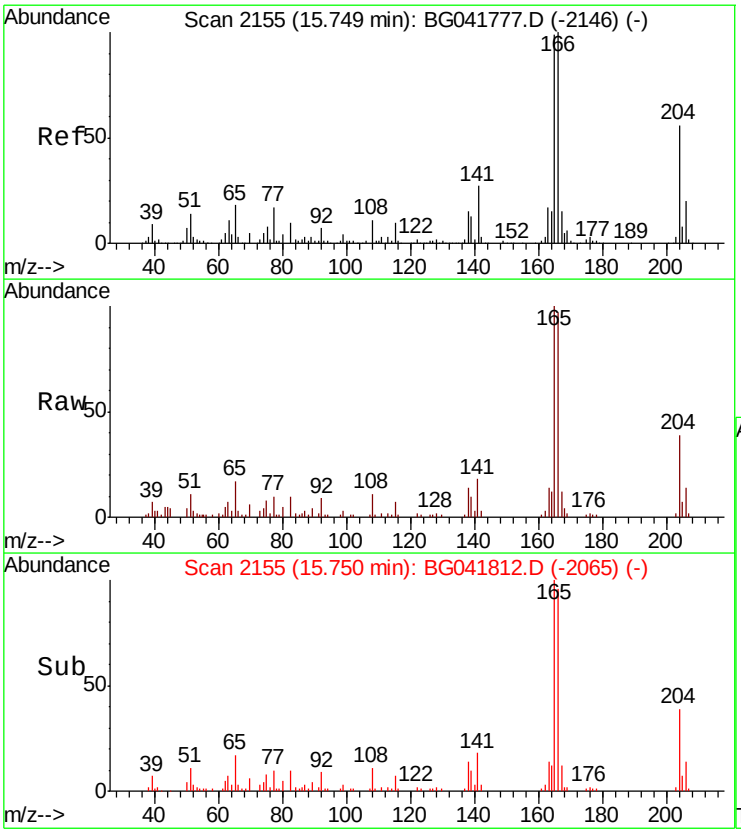
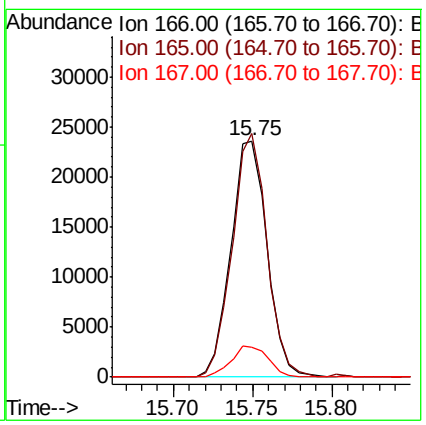
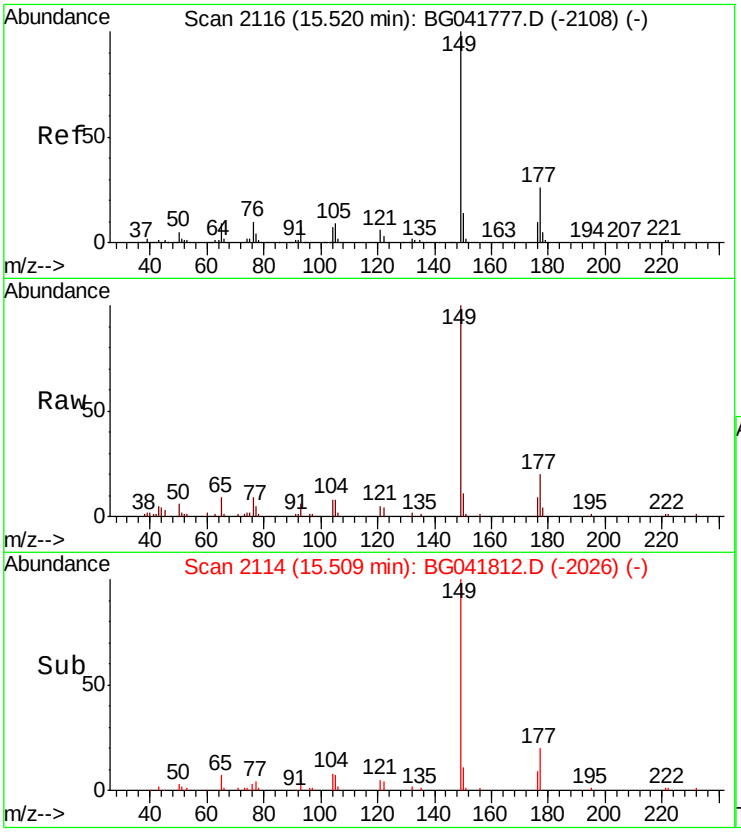


#58
Fluorene
Concen: 2.413 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:166 Resp: 37284

Ion	Ratio	Lower	Upper
166	100		
165	103.0	80.5	120.7
167	12.7	12.4	18.6





#60
Diethylphthalate
Concen: 2.352 ng
RT: 15.51 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:149 Resp: 37283

Ion	Ratio	Lower	Upper
149	100		
177	20.3	20.7	31.1#
150	11.2	11.5	17.3#

Instrument :
BNA_G
ClientSampleId :
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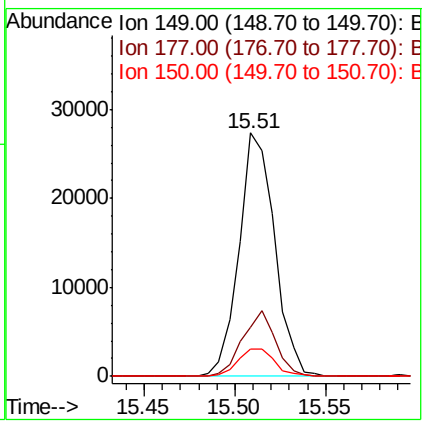
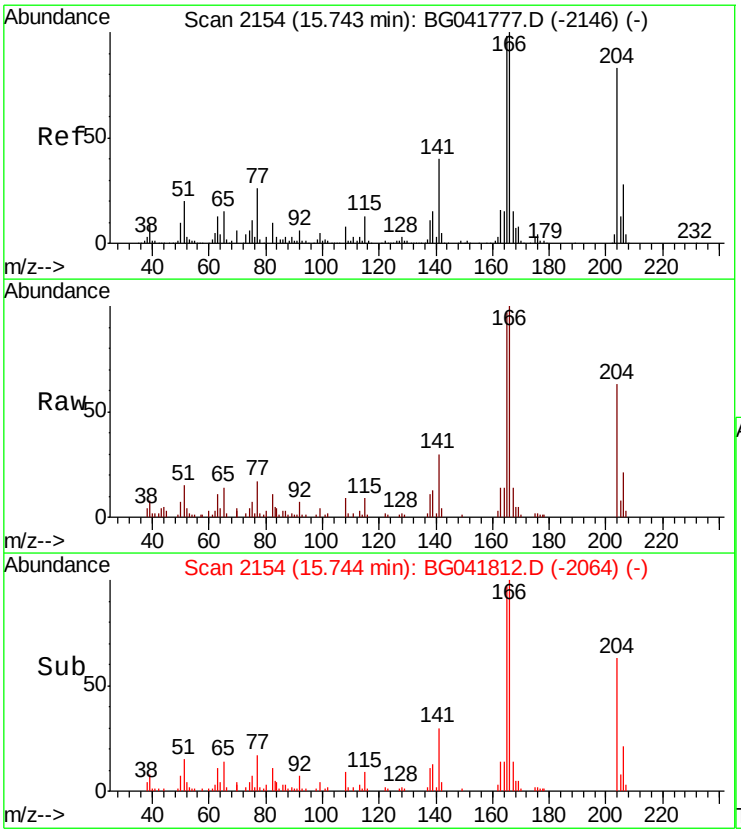
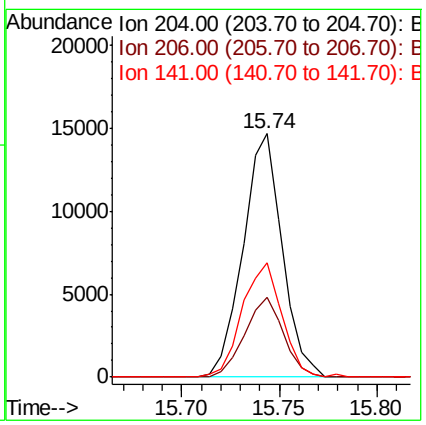


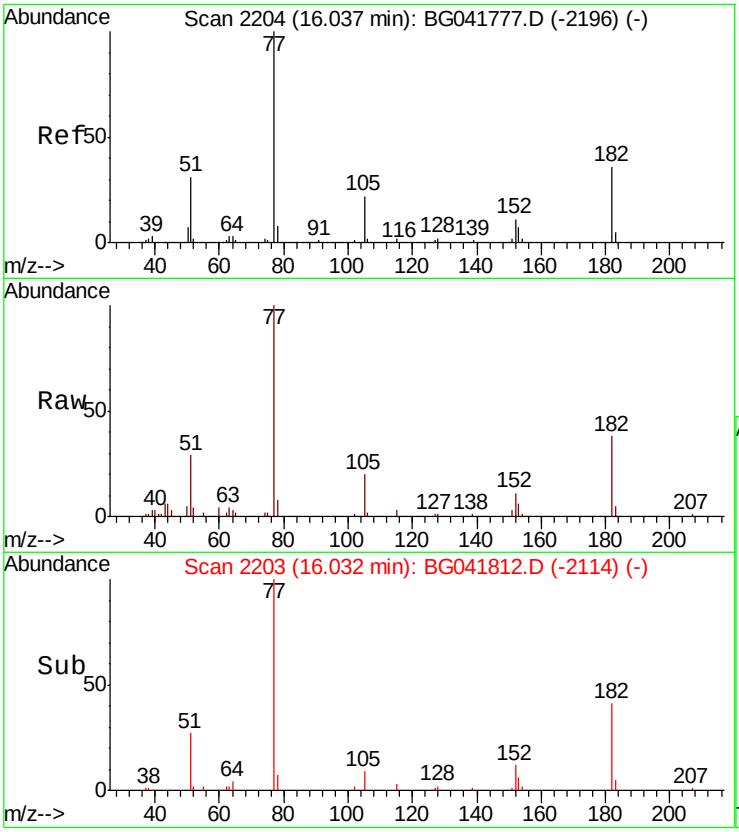


#61
4-Chlorophenyl-phenylether
Concen: 2.161 ng
RT: 15.74 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:204 Resp: 20376

Ion	Ratio	Lower	Upper
204	100		
206	32.9	28.6	42.8
141	46.9	42.9	64.3

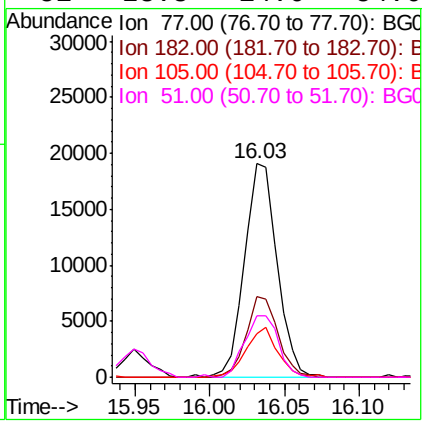




#63
Azobenzene
Concen: 2.221 ng
RT: 16.03 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion: 77 Resp: 28758

Ion	Ratio	Lower	Upper
77	100		
182	37.8	13.2	53.2
105	20.2	2.2	42.2
51	28.8	14.6	54.6



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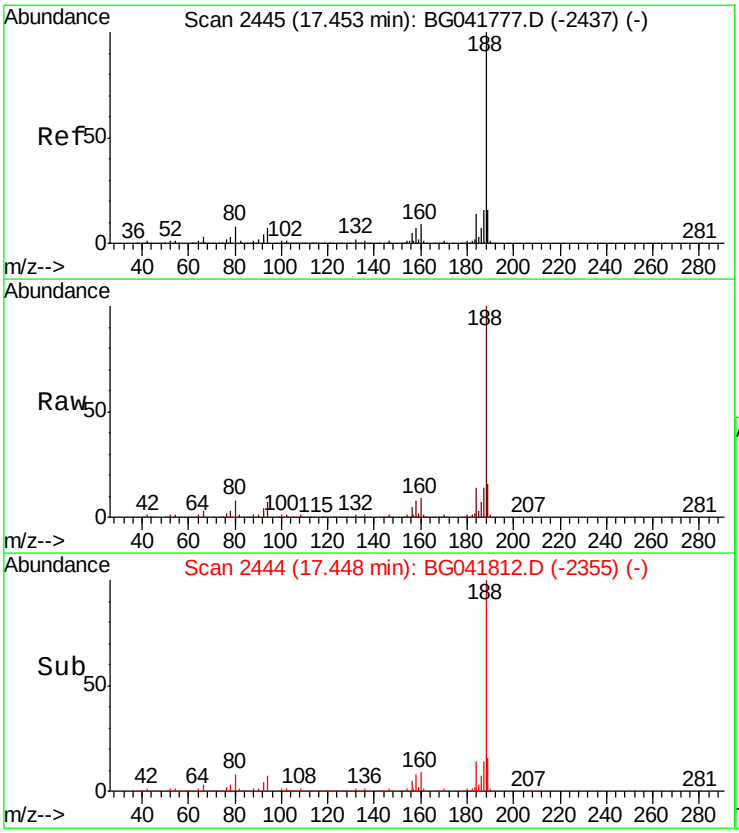
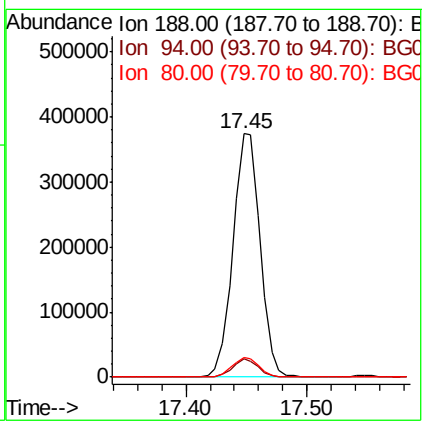
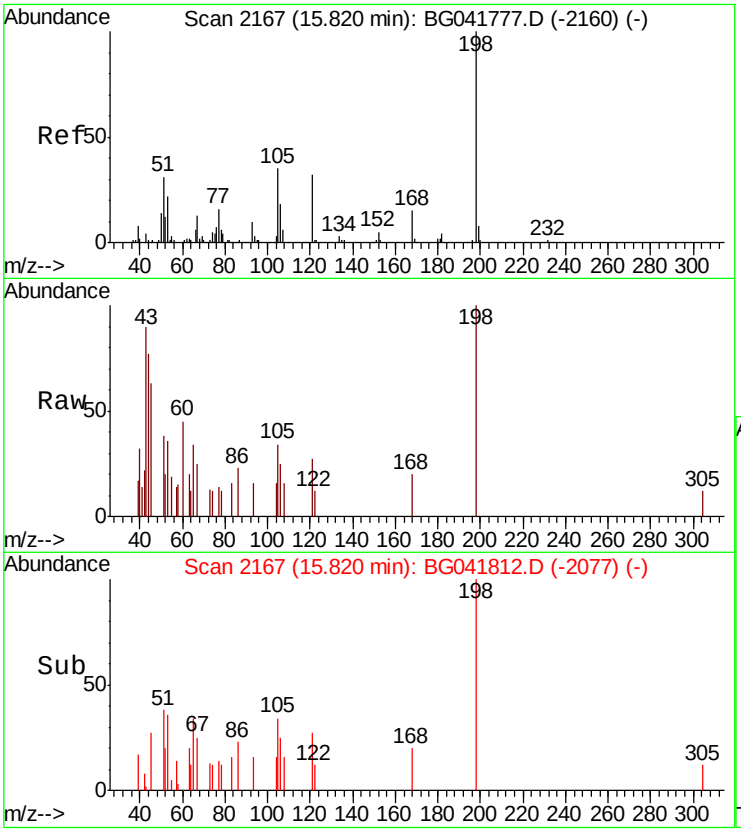


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:188 Resp: 584935

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.9	10.3
80	8.2	8.0	12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 7.606 ng
RT: 15.82 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:198 Resp: 2518

Ion	Ratio	Lower	Upper
198	100		
51	38.0	22.3	62.3
105	33.6	18.0	58.0

Instrument :
BNA_G
ClientSampleId :
OK-01-072919

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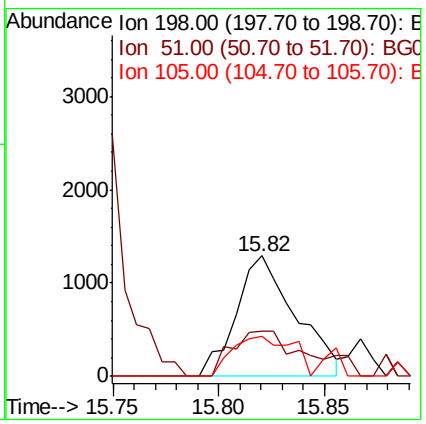
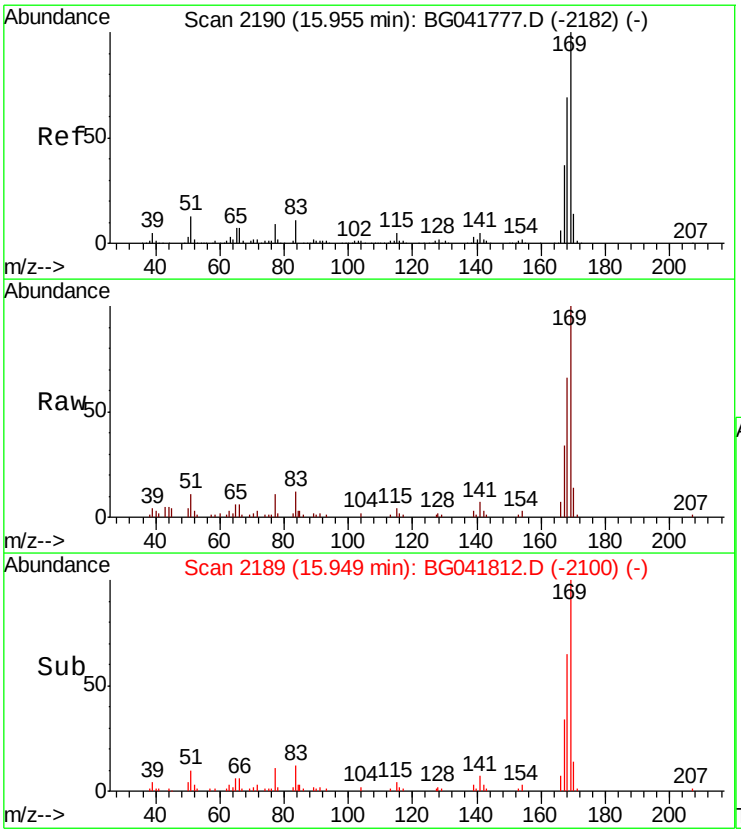
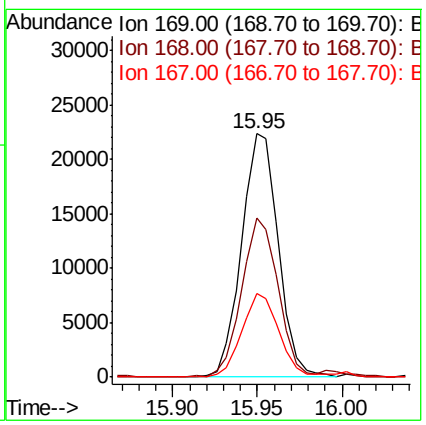


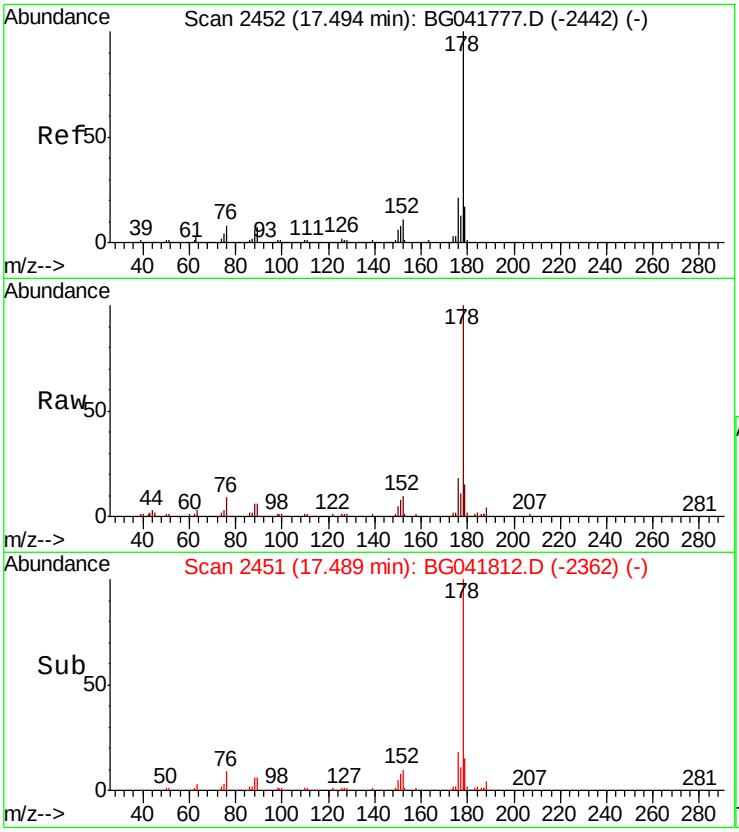


#66
n-Nitrosodiphenylamine
Concen: 2.117 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:169 Resp: 33728

Ion	Ratio	Lower	Upper
169	100		
168	65.5	56.9	85.3
167	34.4	31.5	47.3





#71
Phenanthrene
Concen: 2.439 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:178 Resp: 68386

Ion	Ratio	Lower	Upper
178	100		
176	17.8	18.6	28.0#
179	14.6	15.4	23.0#

Instrument :
BNA_G
ClientSampleId :
OK-01-072919

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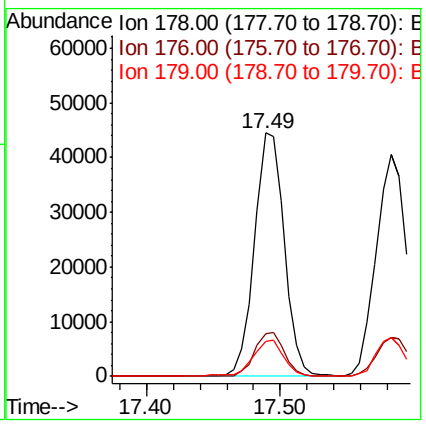
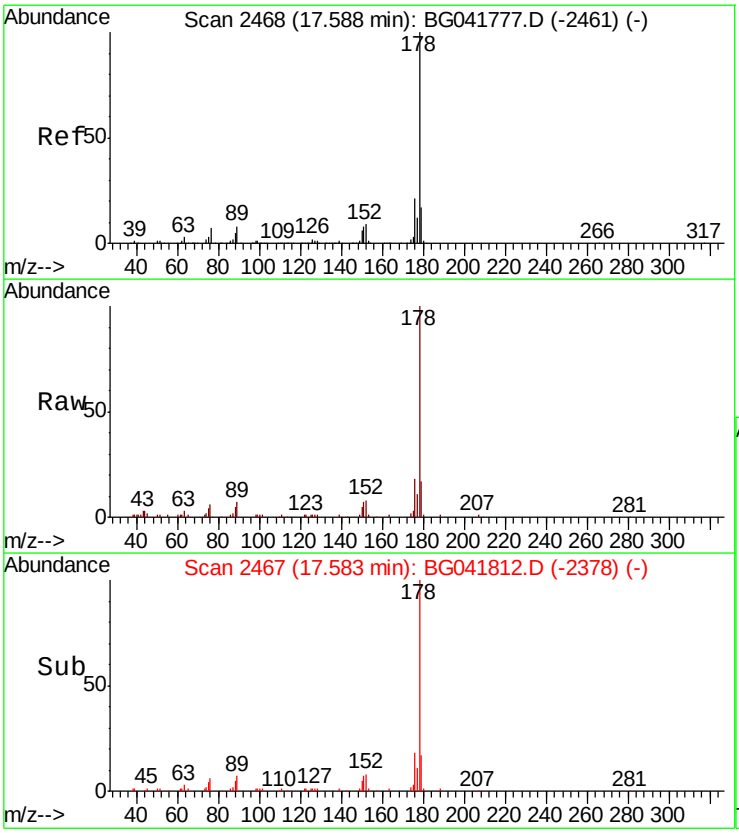
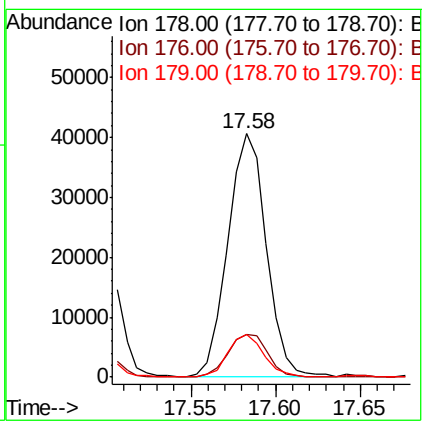


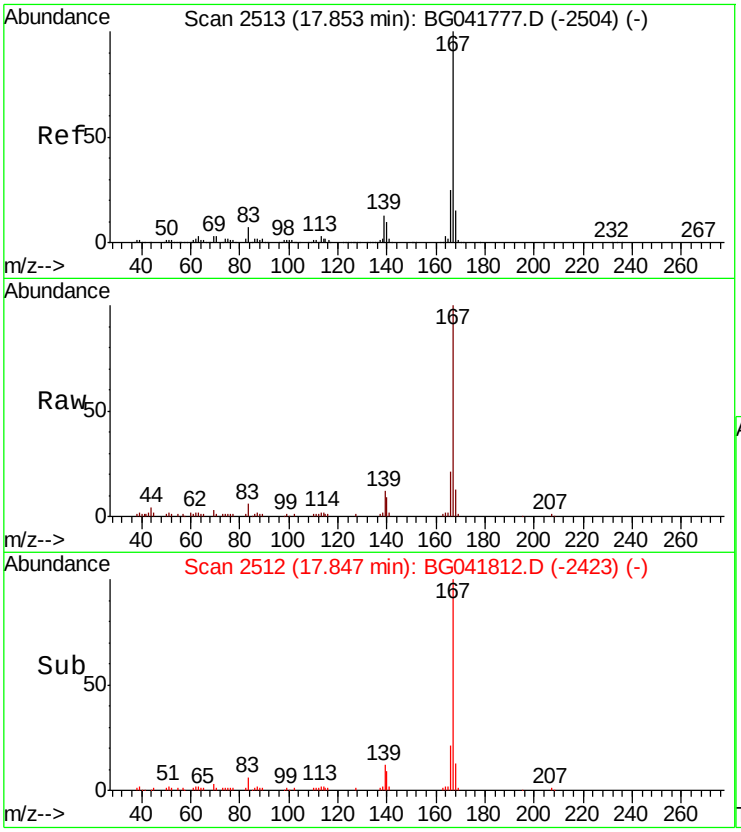


#72
Anthracene
Concen: 2.310 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:178 Resp: 64591

Ion	Ratio	Lower	Upper
178	100		
176	17.6	18.6	28.0#
179	17.3	15.1	22.7





#73
Carbazole
Concen: 2.507 ng
RT: 17.85 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:167 Resp: 62918

Ion	Ratio	Lower	Upper
167	100		
166	21.3	21.4	32.2#
139	11.5	12.1	18.1#

Instrument :
BNA_G
ClientSampleId :
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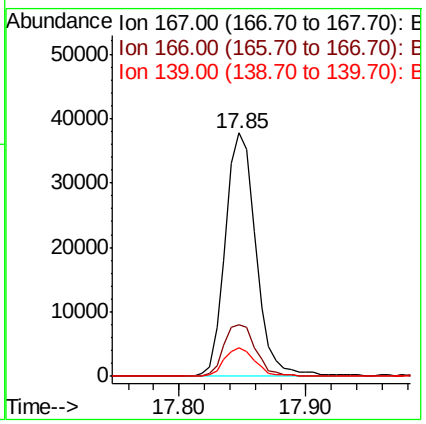
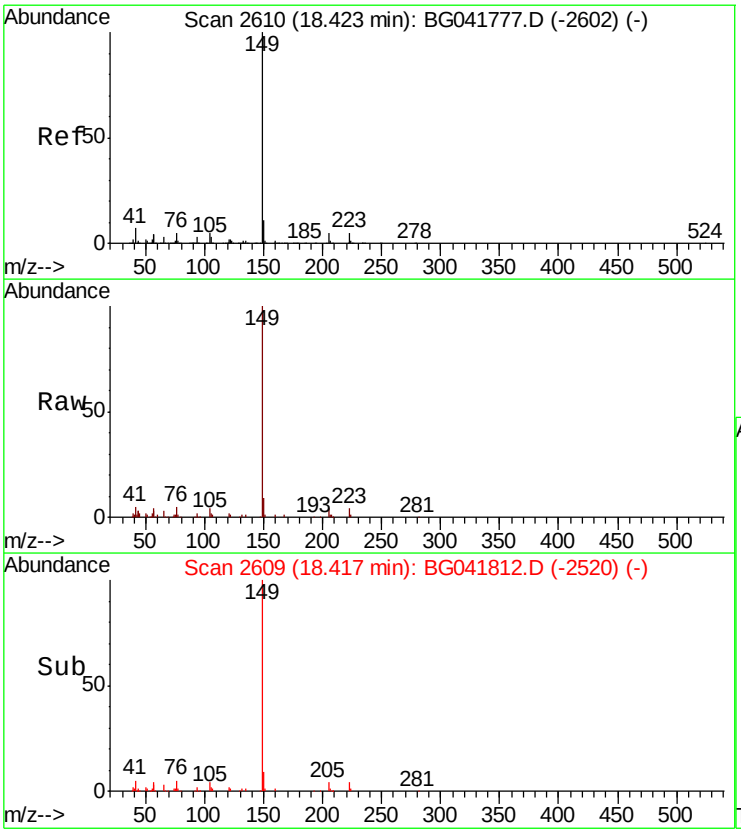
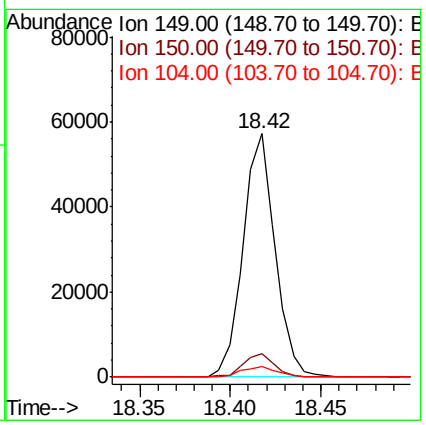


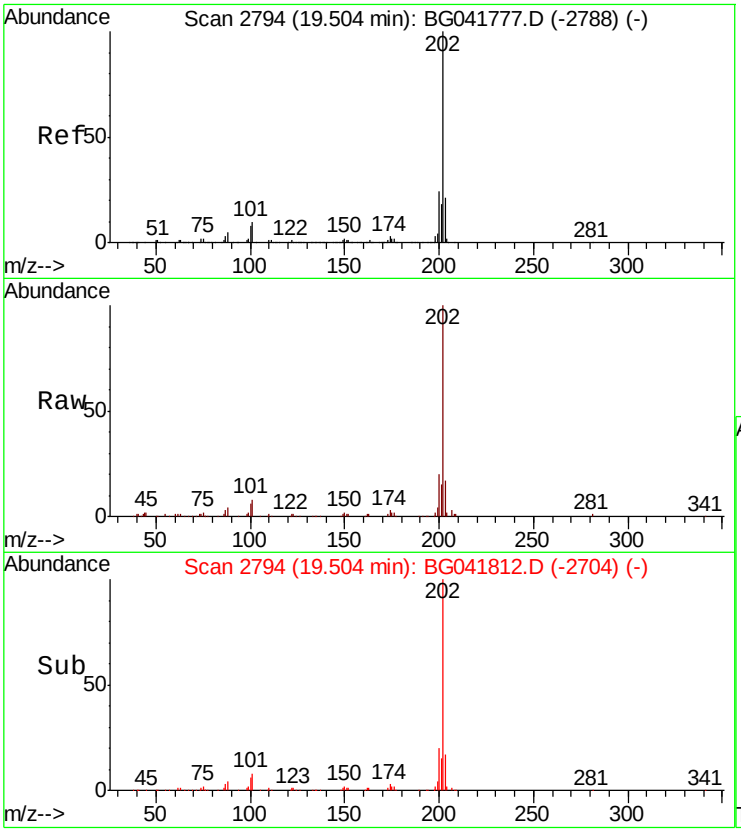


#74
Di-n-butylphthalate
Concen: 2.462 ng
RT: 18.42 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:149 Resp: 70046

Ion	Ratio	Lower	Upper
149	100		
150	9.4	10.2	15.2#
104	4.3	5.3	7.9#

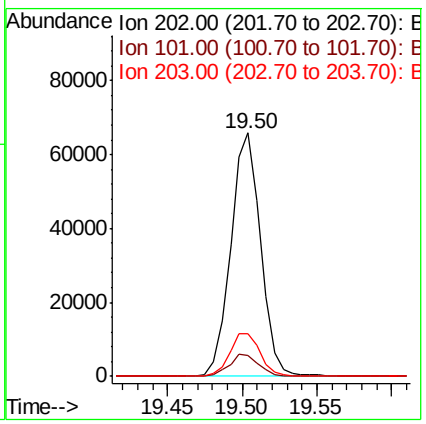




#75
Fluoranthene
Concen: 2.697 ng
RT: 19.50 min Scan# 2794
Delta R.T. 0.00 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:202 Resp: 91927

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	32.8
203	17.4	3.7	43.7



Instrument :
BNA_G
ClientSampleId :
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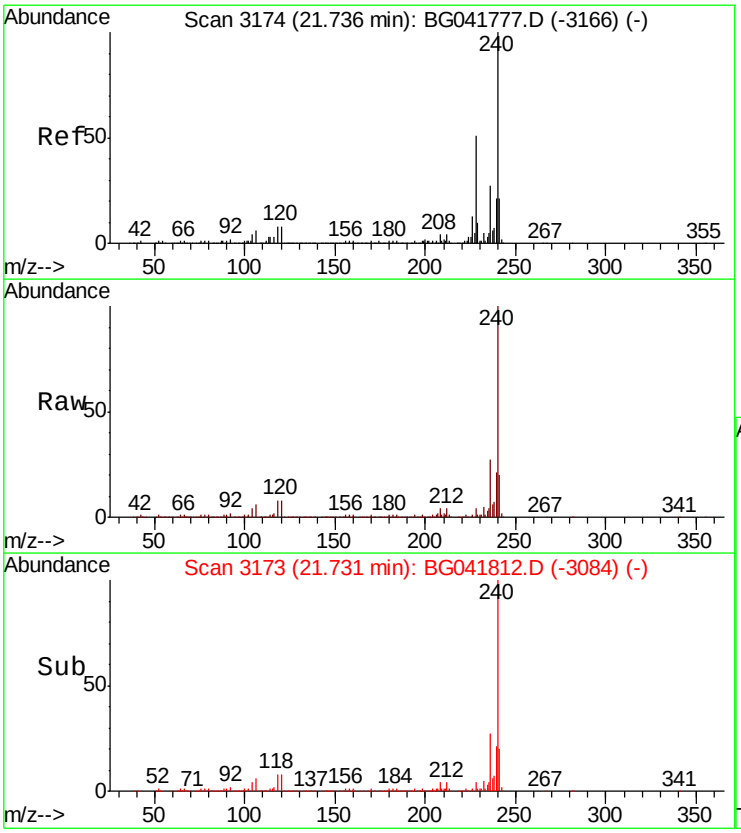
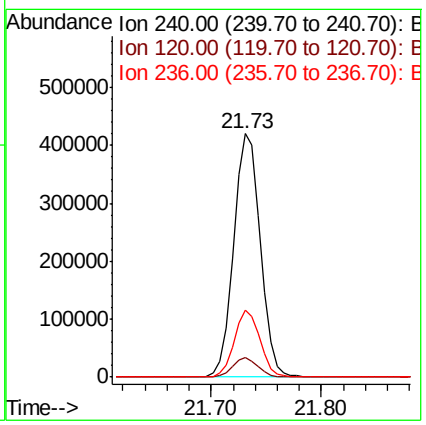
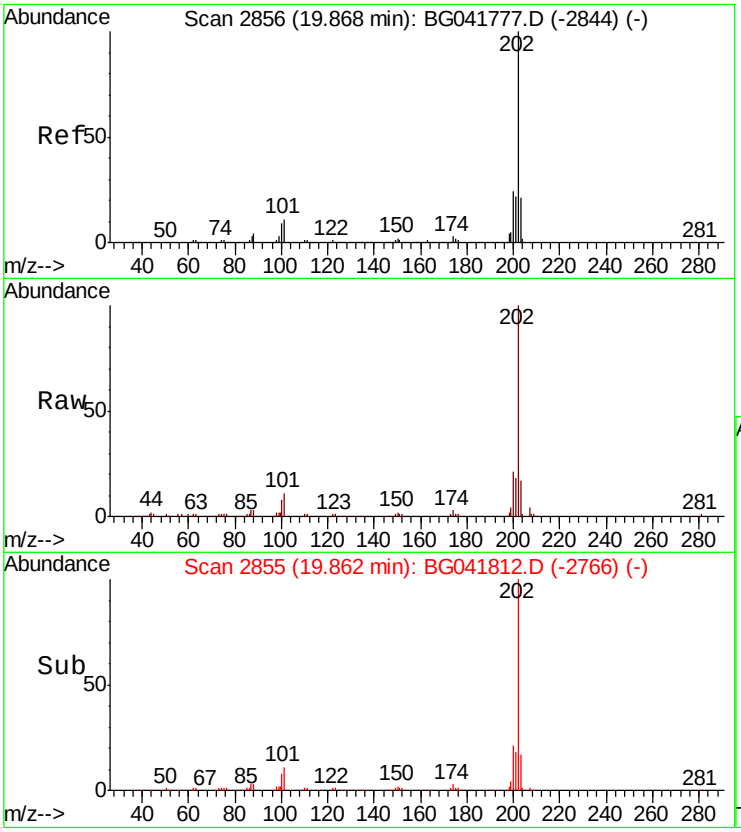


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:240 Resp: 712755

Ion	Ratio	Lower	Upper
240	100		
120	8.1	8.0	12.0
236	27.4	22.6	33.8





#78
Pyrene
Concen: 2.304 ng
RT: 19.86 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:202 Resp: 97289

Ion	Ratio	Lower	Upper
202	100		
200	20.7	22.2	33.2#
203	17.2	18.9	28.3#

Instrument :
BNA_G
ClientSampleId :
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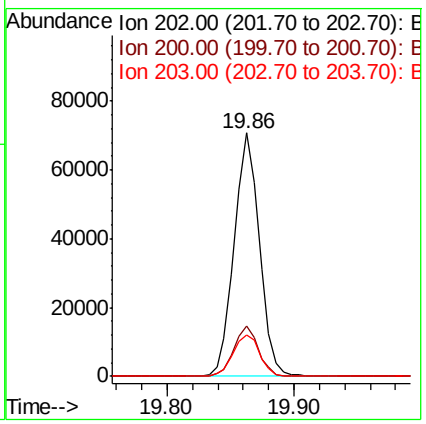
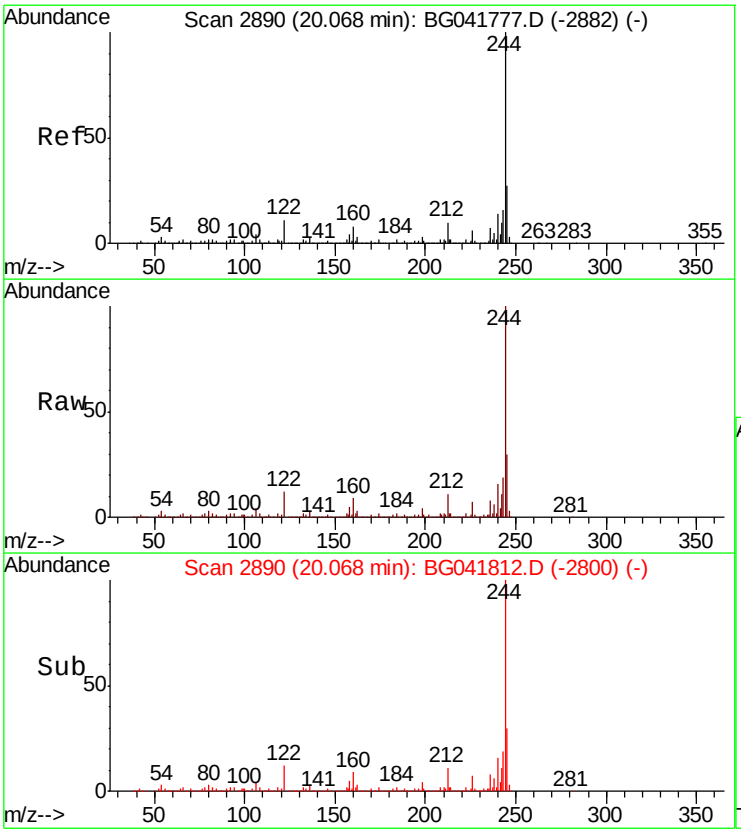
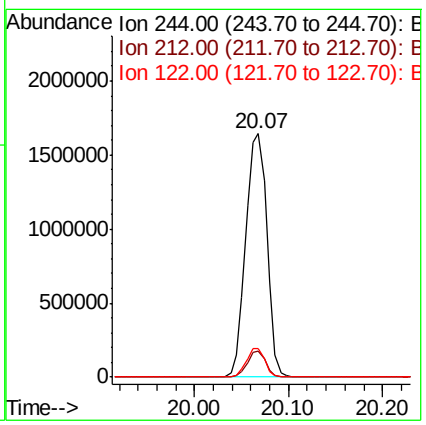


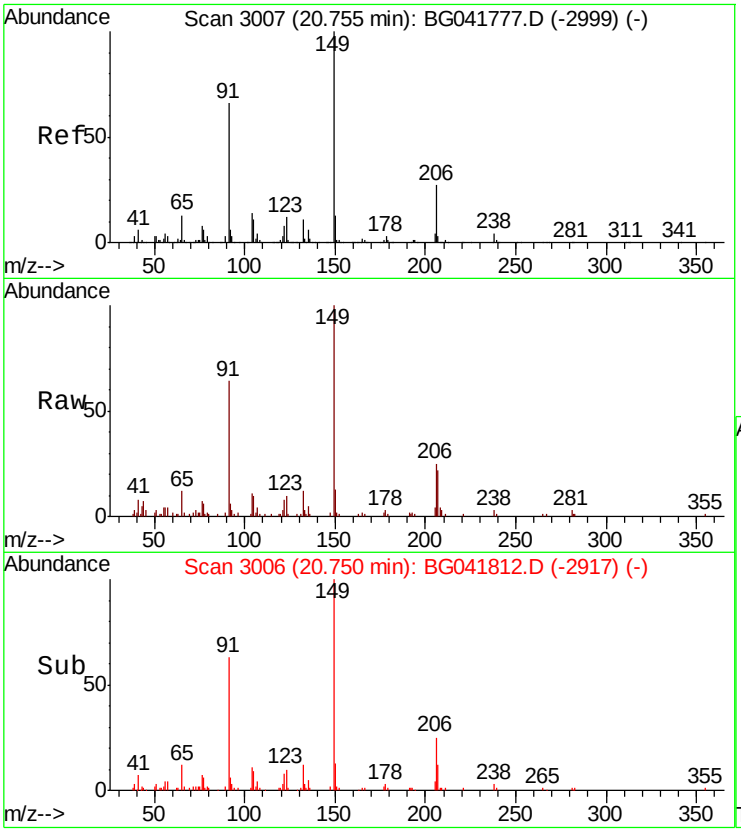


#79
Terphenyl-d14
Concen: 82.455 ng
RT: 20.07 min Scan# 2890
Delta R.T. 0.00 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:244 Resp: 2568336

Ion	Ratio	Lower	Upper
244	100		
212	10.8	9.7	14.5
122	11.7	12.5	18.7#

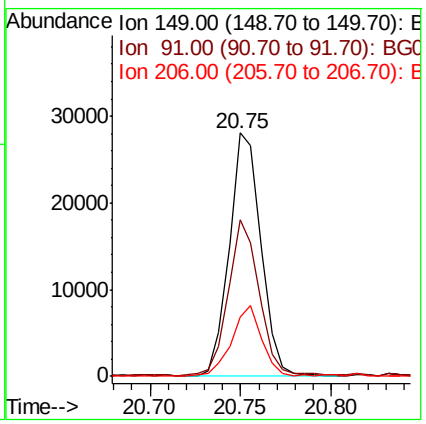




#80
Butylbenzylphthalate
Concen: 2.105 ng
RT: 20.75 min Scan# 3006
Delta R.T. -0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:149 Resp: 34084

Ion	Ratio	Lower	Upper
149	100		
91	64.2	58.9	88.3
206	24.6	20.8	31.2



Instrument :
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ClientSampleId :
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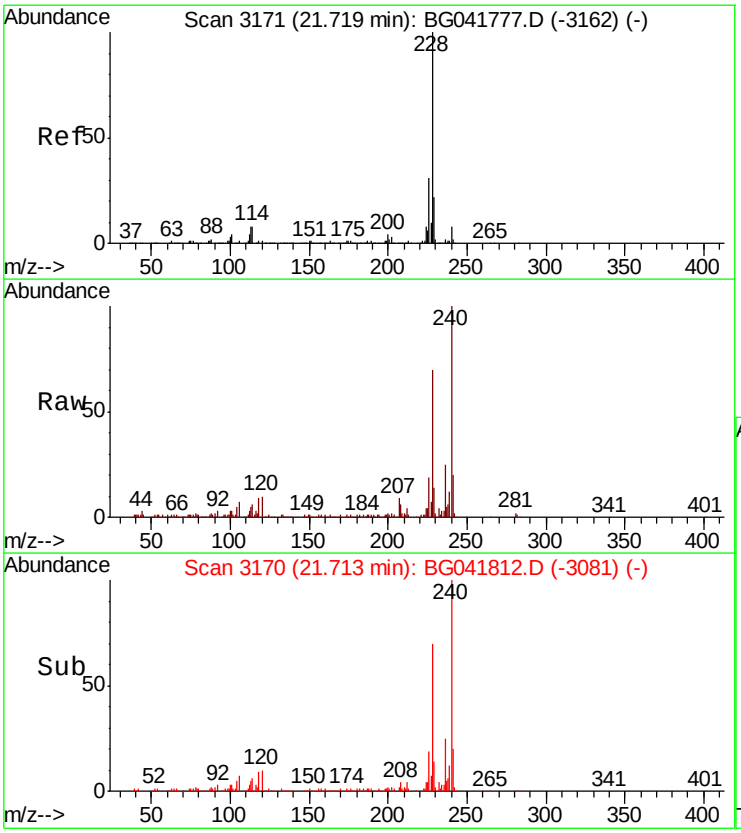
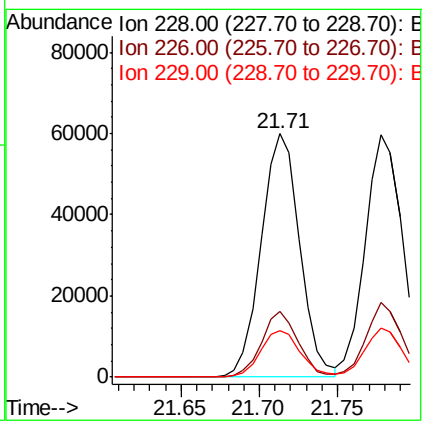
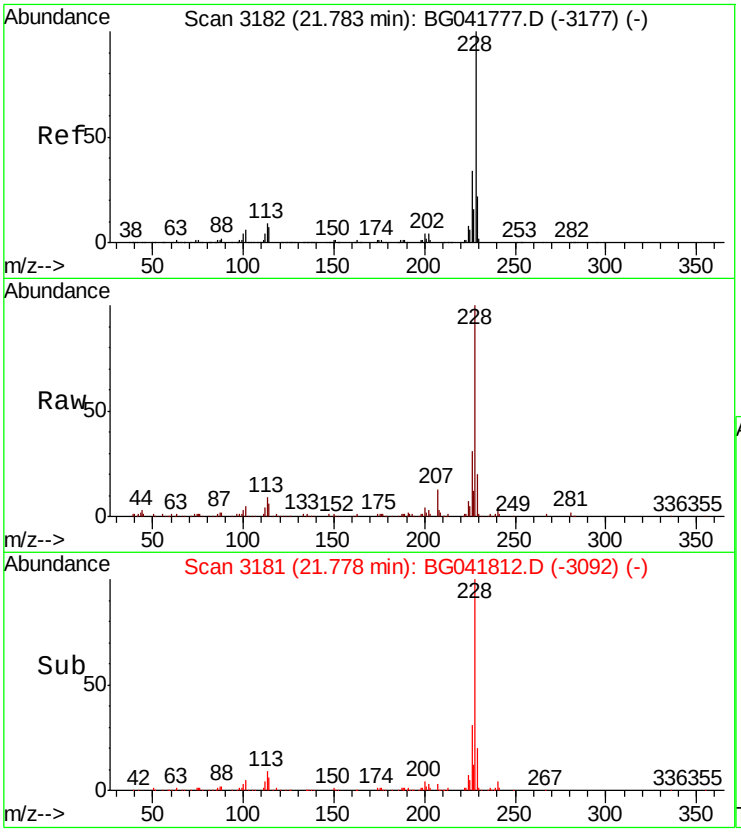


#81
Benzo(a)anthracene
Concen: 2.428 ng m
RT: 21.71 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:228 Resp: 102401

Ion	Ratio	Lower	Upper
228	100		
226	27.2	27.3	40.9#
229	19.3	19.7	29.5#





#83
Chrysene
Concen: 2.469 ng
RT: 21.78 min Scan# 3181
Delta R.T. -0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:228 Resp: 99818

Ion	Ratio	Lower	Upper
228	100		
226	30.6	30.1	45.1
229	20.1	19.8	29.6

Instrument :
BNA_G
ClientSampleId :
OK-01-072919

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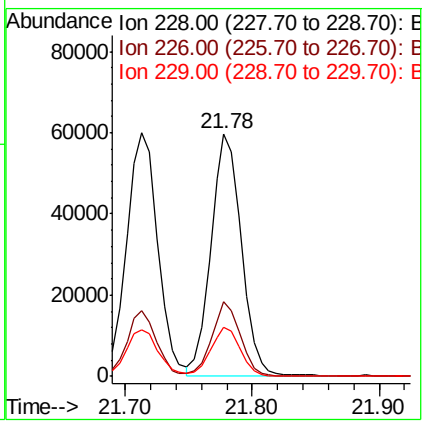
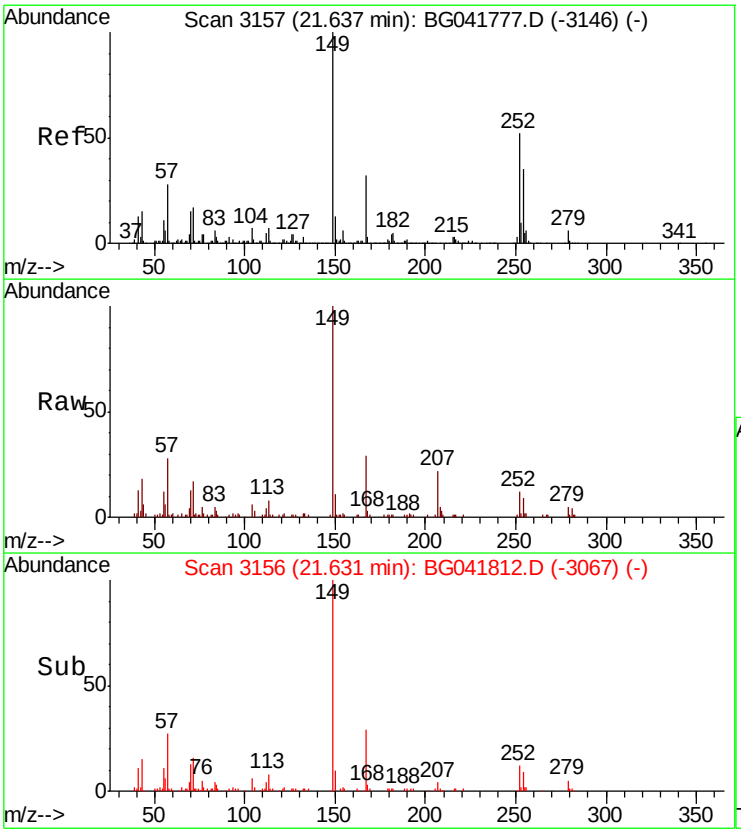
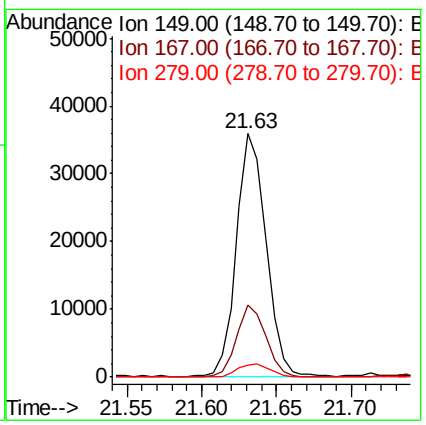


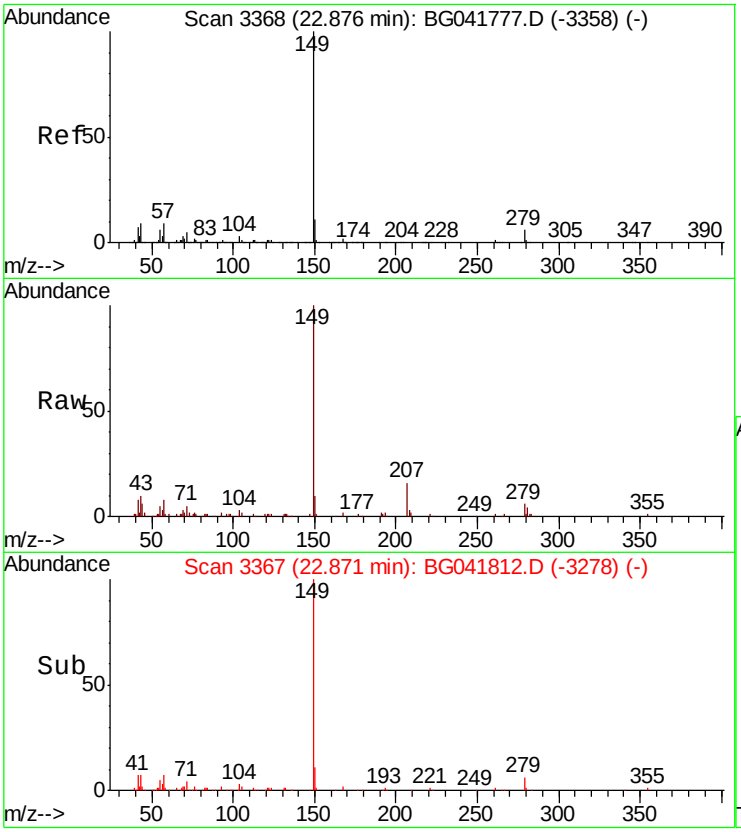


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.237 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:149 Resp: 49962

Ion	Ratio	Lower	Upper
149	100		
167	29.5	27.0	40.4
279	4.9	5.0	7.6#

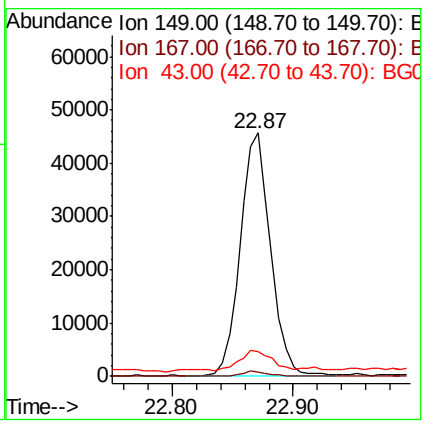




#85
Di-n-octyl phthalate
Concen: 2.091 ng
RT: 22.87 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:149 Resp: 78596

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.6	2.4
43	8.3	10.6	16.0#



Instrument :
BNA_G
ClientSampleId :
OK-01-072919

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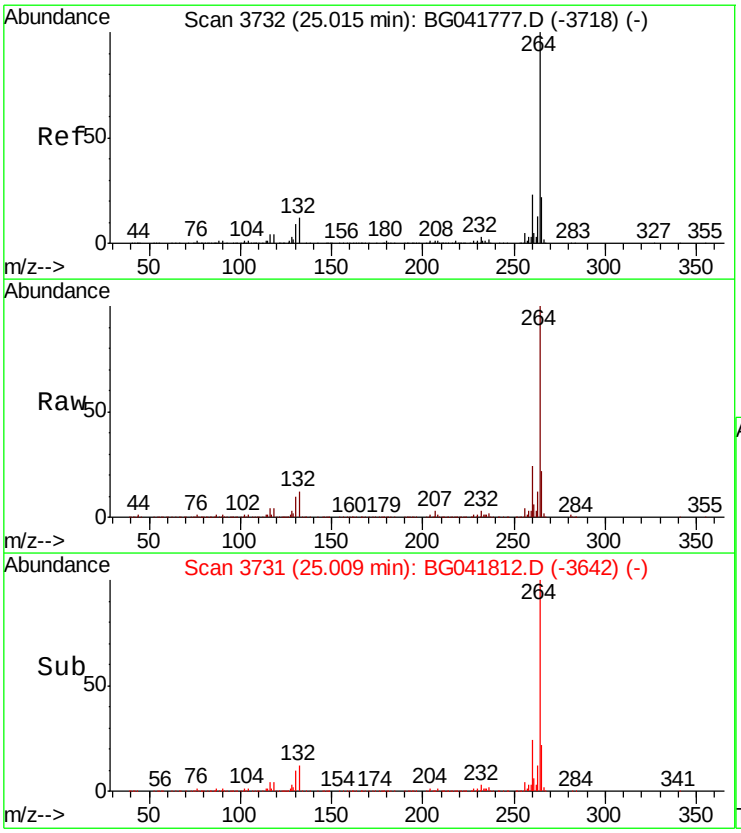
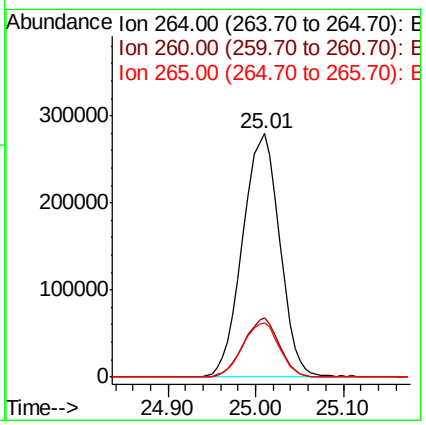
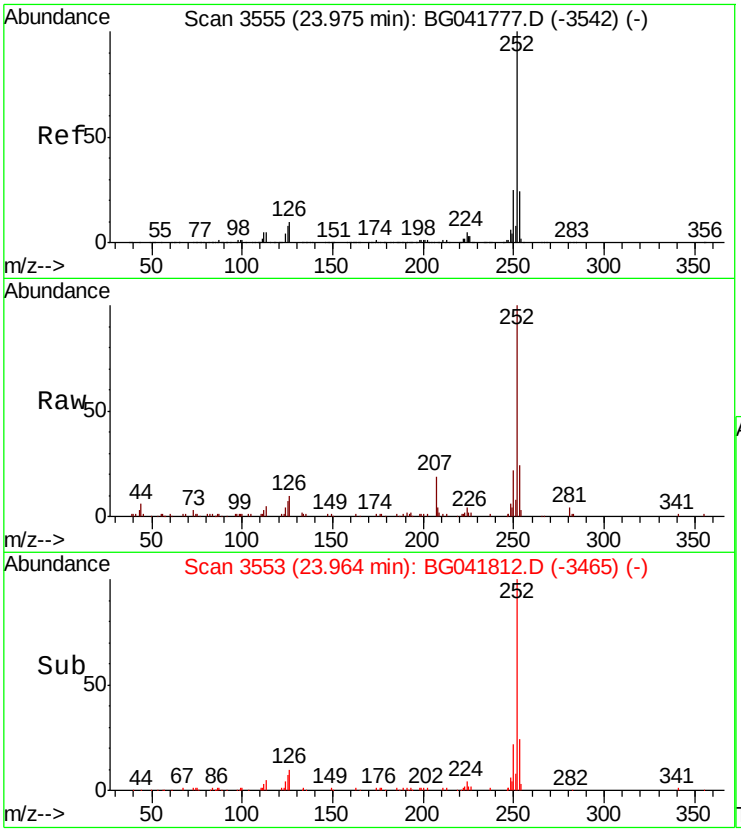


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:264 Resp: 810317

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.5	18.0	27.0

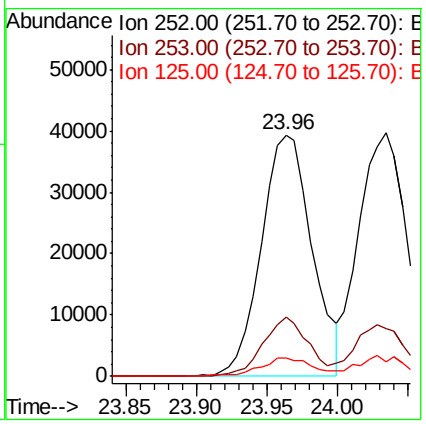




#88
Benzo(b)fluoranthene
Concen: 2.234 ng
RT: 23.96 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:252 Resp: 99026

Ion	Ratio	Lower	Upper
252	100		
253	24.3	20.6	30.8
125	7.4	8.0	12.0#



Instrument :
BNA_G
ClientSampleId :
OK-01-072919

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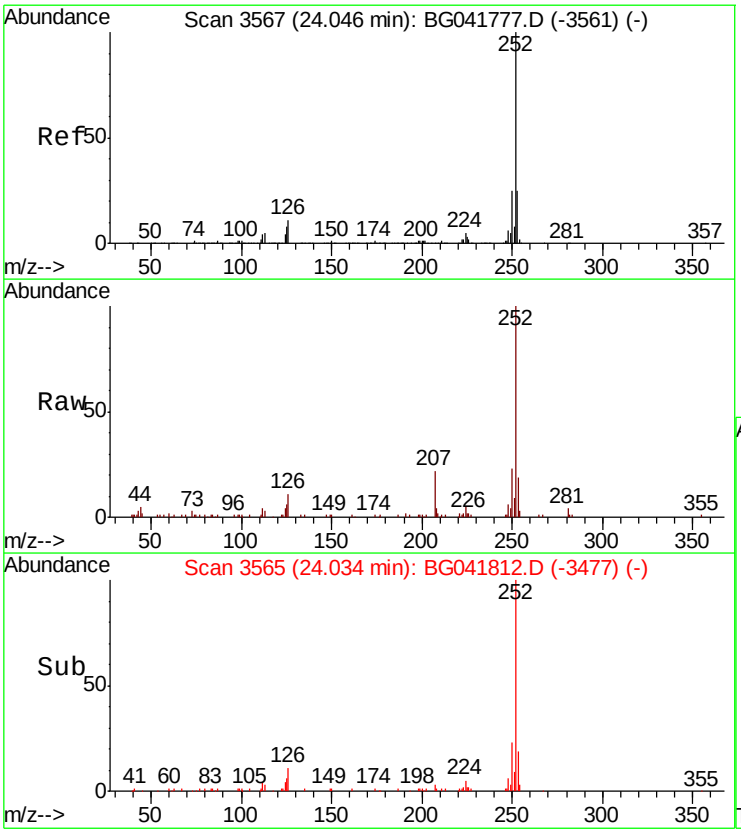
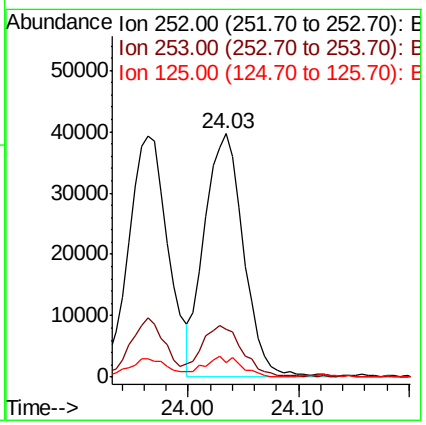
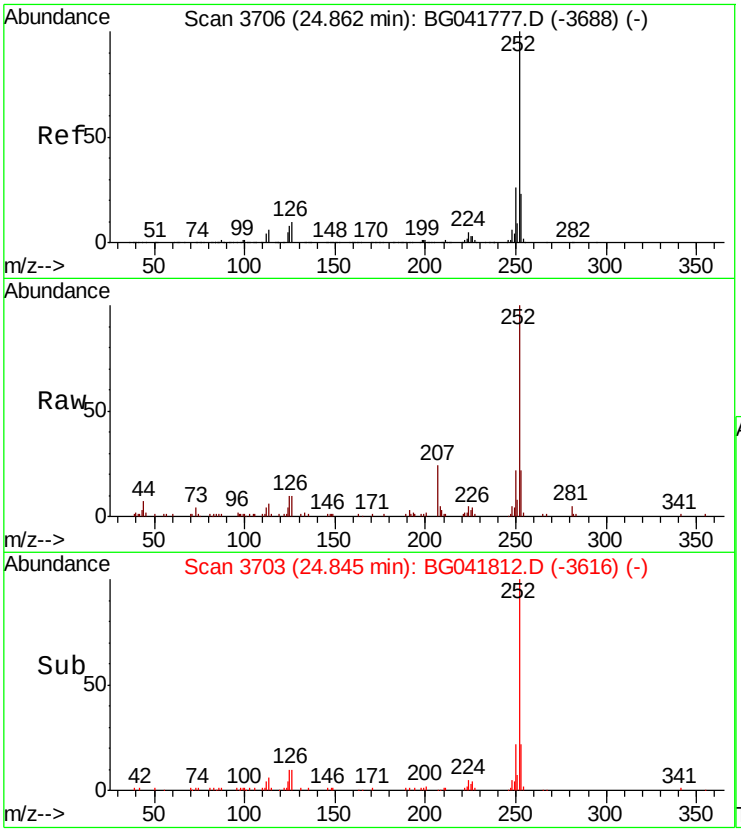


#89
Benzo(k)fluoranthene
Concen: 2.232 ng
RT: 24.03 min Scan# 3565
Delta R.T. -0.01 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:252 Resp: 96383

Ion	Ratio	Lower	Upper
252	100		
253	19.5	20.5	30.7#
125	6.1	8.4	12.6#

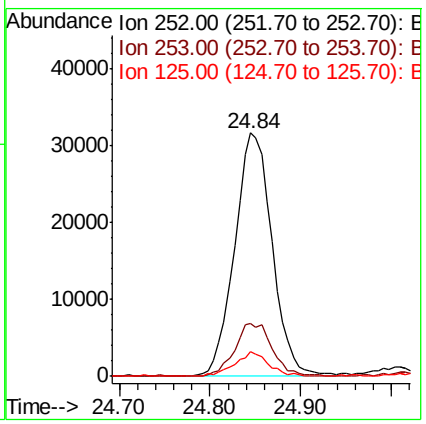




#90
Benzo(a)pyrene
Concen: 2.133 ng
RT: 24.84 min Scan# 3703
Delta R.T. -0.02 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:252 Resp: 90691

Ion	Ratio	Lower	Upper
252	100		
253	21.8	19.8	29.8
125	10.1	8.8	13.2



Instrument :
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ClientSampleId :
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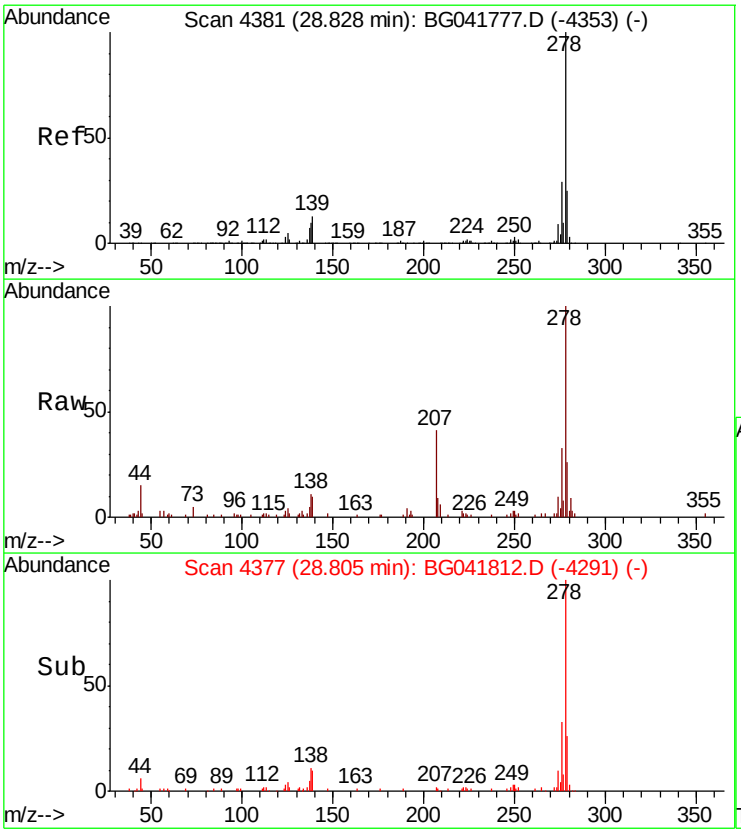
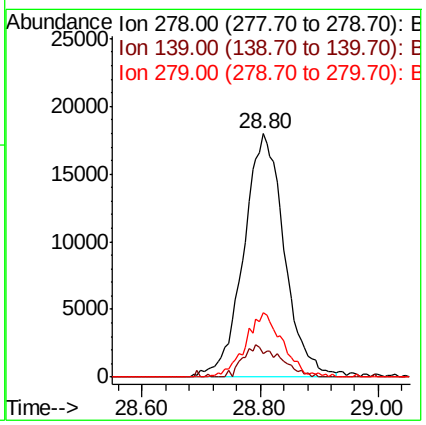
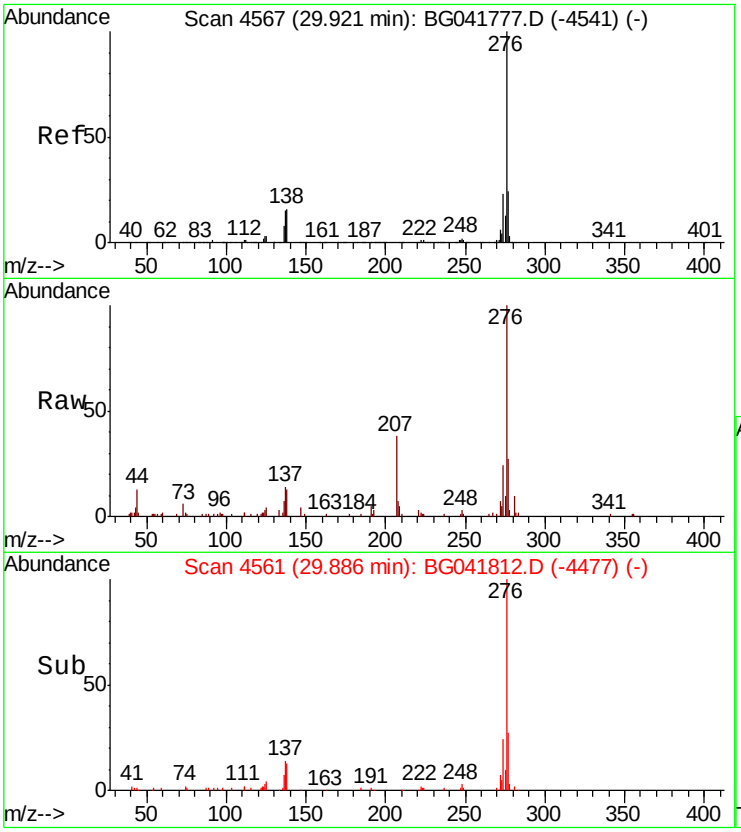


#91
Dibenzo(a,h)anthracene
Concen: 2.055 ng
RT: 28.80 min Scan# 4377
Delta R.T. -0.02 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:278 Resp: 85769

Ion	Ratio	Lower	Upper
278	100		
139	9.5	12.6	19.0#
279	26.3	20.5	30.7

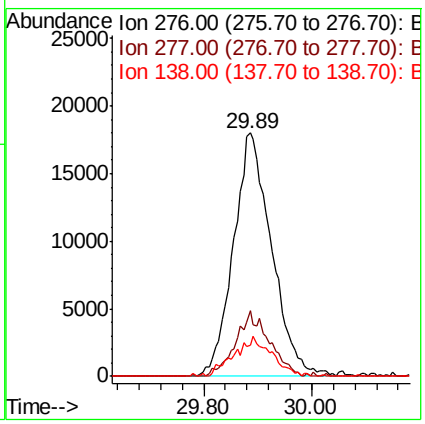




#92
Benzo(g,h,i)perylene
Concen: 2.116 ng
RT: 29.89 min Scan# 4561
Delta R.T. -0.03 min
Lab File: BG041812.D
Acq: 30 Jul 2019 21:53

Tgt Ion:276 Resp: 88256

Ion	Ratio	Lower	Upper
276	100		
277	27.1	19.8	29.8
138	12.6	16.6	25.0#



Instrument :
BNA_G
ClientSampleId :
OK-01-072919

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