Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061417\
Data File : BG027417.D
Acq On : 14 Jun 2017 14:51
Operator : SJ/MA
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
6/15/2017 3:57:04 PM

Quant Time: Jun 14 16:55:30 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG061417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 16:47:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	39095	20.00	ng		0.00
21) Naphthalene-d8	11.34	136	196518	20.00	ng		0.00
38) Acenaphthene-d10	15.11	164	134967	20.00	ng		0.00
63) Phenanthrene-d10	17.86	188	331212	20.00	ng		0.00
75) Chrysene-d12	22.24	240	396318	20.00	ng		0.00
86) Perylene-d12	25.89	264	379461	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.11	112	53790	21.00	ng		0.00
7) Phenol-d6	7.65	99	80923	21.52	ng		0.00
23) Nitrobenzene-d5	9.69	82	74856	23.96	ng		0.00
41) 2,4,6-Tribromophenol	16.59	330	37945	21.35	ng		0.00
44) 2-Fluorobiphenyl	13.73	172	188862	19.58	ng		0.00
78) Terphenyl-d14	20.43	244	319144	20.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.12	88	11604	10.92	ng	#	91
3) Pyridine	4.51	79	32708	9.99	ng	#	80
4) n-Nitrosodimethylamine	4.41	42	14829	12.23	ng	#	54
6) Aniline	7.85	93	47555	10.04	ng		97
8) 2-Chlorophenol	8.09	128	28319	10.47	ng		97
9) Benzaldehyde	7.67	77	31085	11.95	ng		91
10) Phenol	7.68	94	42868	11.15	ng	#	77
11) bis(2-Chloroethyl)ether	7.93	93	34670	10.99	ng		92
12) 1,3-Dichlorobenzene	8.42	146	29574	9.69	ng		95
13) 1,4-Dichlorobenzene	8.56	146	31621	10.10	ng		95
14) 1,2-Dichlorobenzene	8.88	146	30667	10.04	ng		94
15) Benzyl Alcohol	8.75	79	28946	10.92	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	9.04	45	60812	13.47	ng		95
17) 2-Methylphenol	8.94	107	28299	10.41	ng	#	88
18) Hexachloroethane	9.62	117	11387	10.79	ng		85
19) n-Nitroso-di-n-propylamine	9.31	70	30723	11.68	ng		91
20) 3+4-Methylphenols	9.26	107	40196	10.67	ng		92
22) Acetophenone	9.34	105	52823	10.51	ng	#	89
24) Nitrobenzene	9.73	77	41727	11.72	ng		93
25) Isophorone	10.25	82	82531	11.23	ng	#	95
26) 2-Nitrophenol	10.45	139	14038	10.60	ng	#	85
27) 2,4-Dimethylphenol	10.48	122	33745	10.68	ng		95
28) bis(2-Chloroethoxy)methane	10.72	93	50824	10.68	ng		96
29) 2,4-Dichlorophenol	10.97	162	27968	9.70	ng		95
30) 1,2,4-Trichlorobenzene	11.20	180	30386	9.51	ng		98
31) Naphthalene	11.40	128	107921	10.05	ng		99
32) Benzoic acid	10.52	122	10966m	5.69	ng		
33) 4-Chloroaniline	11.49	127	43167	9.65	ng		93
34) Hexachlorobutadiene	11.67	225	17894	9.12	ng		96
35) Caprolactam	12.24	113	12860	13.00	ng		92
36) 4-Chloro-3-methylphenol	12.57	107	41262	11.41	ng		98
37) 2-Methylnaphthalene	12.96	142	77648m	9.91	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.32	216	37678	8.96	ng		98
40) Hexachlorocyclopentadiene	13.30	237	18829	8.41	ng		99

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.55	196	25609	10.04	ng		95
43) 2,4,5-Trichlorophenol	13.62	196	29335	10.28	ng	#	95
45) 1,1'-Biphenyl	13.94	154	107359	9.75	ng		94
46) 2-Chloronaphthalene	13.99	162	80746	9.78	ng		96
47) 2-Nitroaniline	14.19	65	30226	14.22	ng		90
48) Acenaphthylene	14.83	152	143186	10.24	ng		95
49) Dimethylphthalate	14.54	163	113630	10.61	ng		95
50) 2,6-Dinitrotoluene	14.67	165	21519	10.79	ng		87
51) Acenaphthene	15.17	154	91913	10.11	ng		96
52) 3-Nitroaniline	15.01	138	23418	11.14	ng		85
53) 2,4-Dinitrophenol	15.20	184	9174	11.74	ng	#	71
54) Dibenzofuran	15.50	168	131018	10.31	ng		93
55) 4-Nitrophenol	15.28	139	18516	10.61	ng	#	68
56) 2,4-Dinitrotoluene	15.45	165	29228	11.62	ng	#	99
57) Fluorene	16.15	166	117607	10.42	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.72	232	26366m	10.35	ng		
59) Diethylphthalate	15.89	149	119192	11.16	ng		97
60) 4-Chlorophenyl-phenylether	16.13	204	59506	10.47	ng		94
61) 4-Nitroaniline	16.16	138	24731	11.63	ng	#	71
62) Azobenzene	16.43	77	123317	12.46	ng		89
64) 4,6-Dinitro-2-methylphenol	16.21	198	14639	10.82	ng		78
65) n-Nitrosodiphenylamine	16.34	169	101415	9.77	ng		96
66) 4-Bromophenyl-phenylether	17.03	248	37344	9.53	ng		95
67) Hexachlorobenzene	17.16	284	40848	9.69	ng		95
68) Atrazine	17.28	200	34265	9.87	ng		96
69) Pentachlorophenol	17.50	266	20250	8.19	ng		93
70) Phenanthrene	17.90	178	186453	10.01	ng	#	93
71) Anthracene	18.00	178	186937	10.01	ng		95
72) Carbazole	18.25	167	177936	10.11	ng		96
73) Di-n-butylphthalate	18.78	149	192248	11.26	ng	#	92
74) Fluoranthene	19.89	202	212528	10.68	ng		91
76) Benzidine	20.06	184	64758	5.42	ng		97
77) Pyrene	20.25	202	222974	9.31	ng		94
79) Butylbenzylphthalate	21.13	149	87480	10.34	ng		95
80) Benzo(a)anthracene	22.21	228	229535	10.16	ng		94
81) 3,3'-Dichlorobenzidine	22.11	252	81115	9.23	ng	#	96
82) Chrysene	22.28	228	219951	10.14	ng		91
83) Bis(2-ethylhexyl)phthalate	22.07	149	126749	9.91	ng		97
84) Di-n-octyl phthalate	23.44	149	207950	9.82	ng		94
85) Indeno(1,2,3-cd)pyrene	30.09	276	259869	9.89	ng	#	97
87) Benzo(b)fluoranthene	24.72	252	229424	9.75	ng	#	94
88) Benzo(k)fluoranthene	24.79	252	223557	9.68	ng	#	92
89) Benzo(a)pyrene	25.72	252	209525	9.46	ng	#	93
90) Dibenzo(a,h)anthracene	30.16	278	226396	9.76	ng	#	91
91) Benzo(g,h,i)perylene	31.42	276	219676	9.78	ng	#	92

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

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Instrument :
BNA_G
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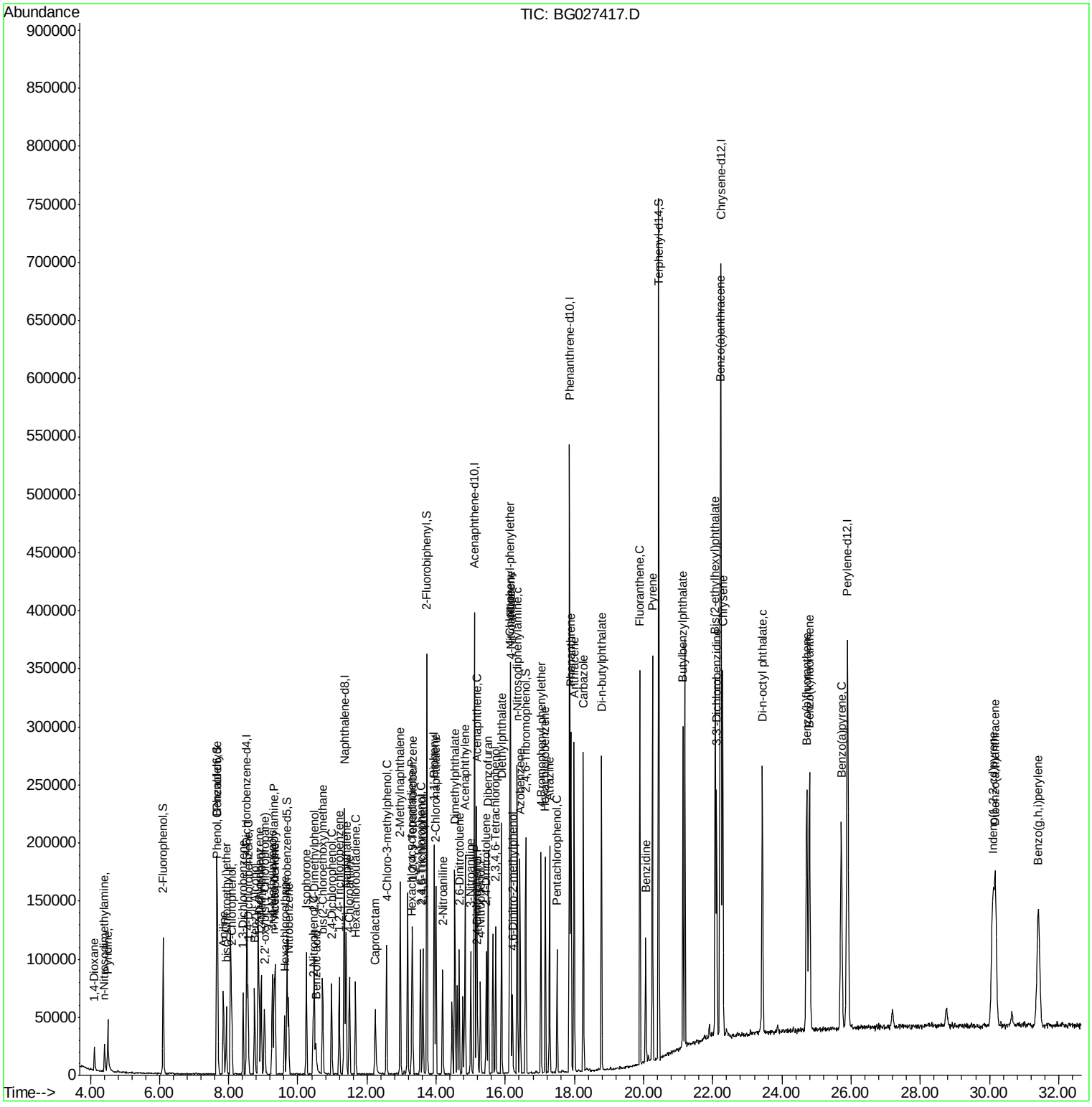
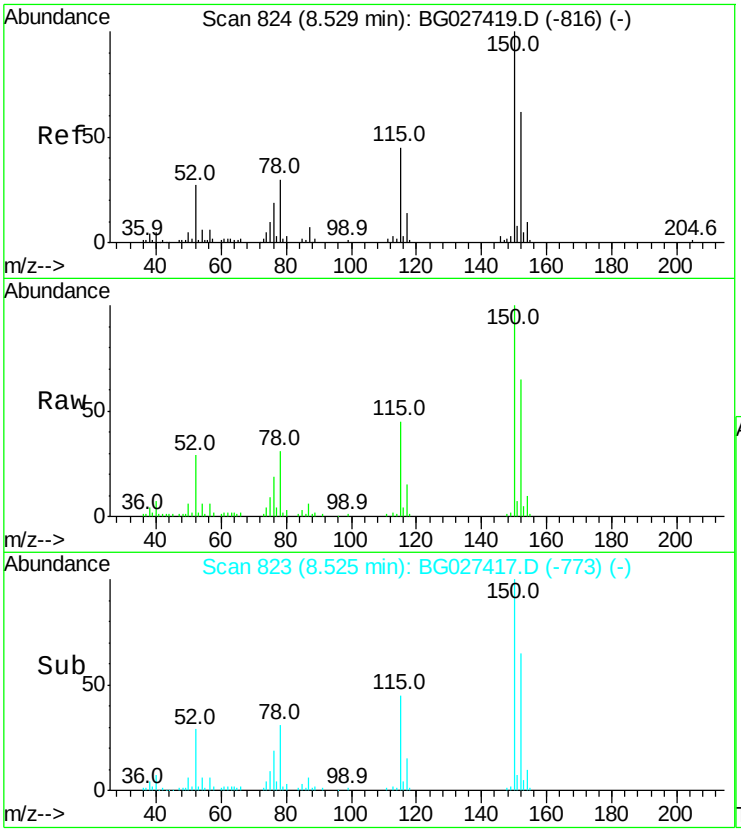
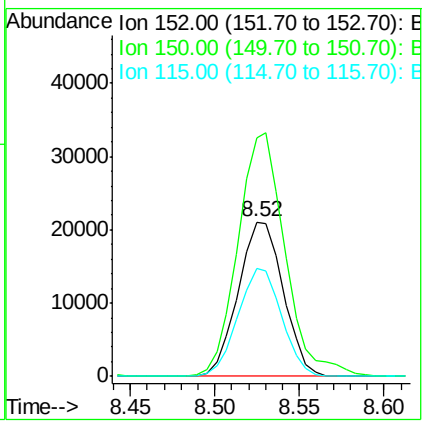




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.52 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:152 Resp: 39095

Ion	Ratio	Lower	Upper
152	100		
150	154.6	114.0	171.0
115	70.0	48.1	72.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
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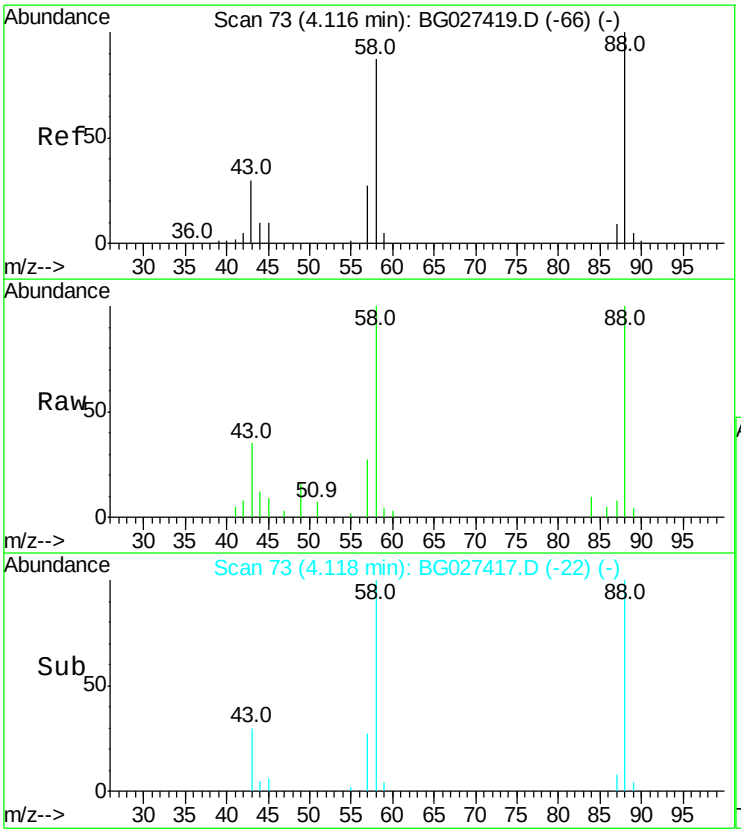
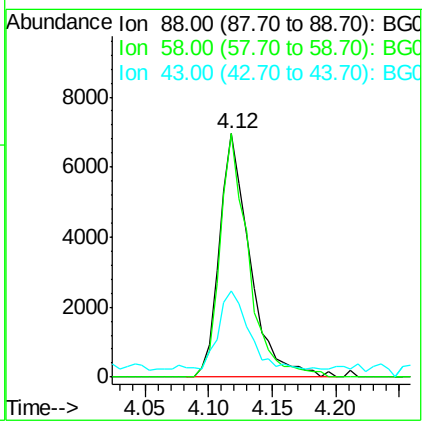
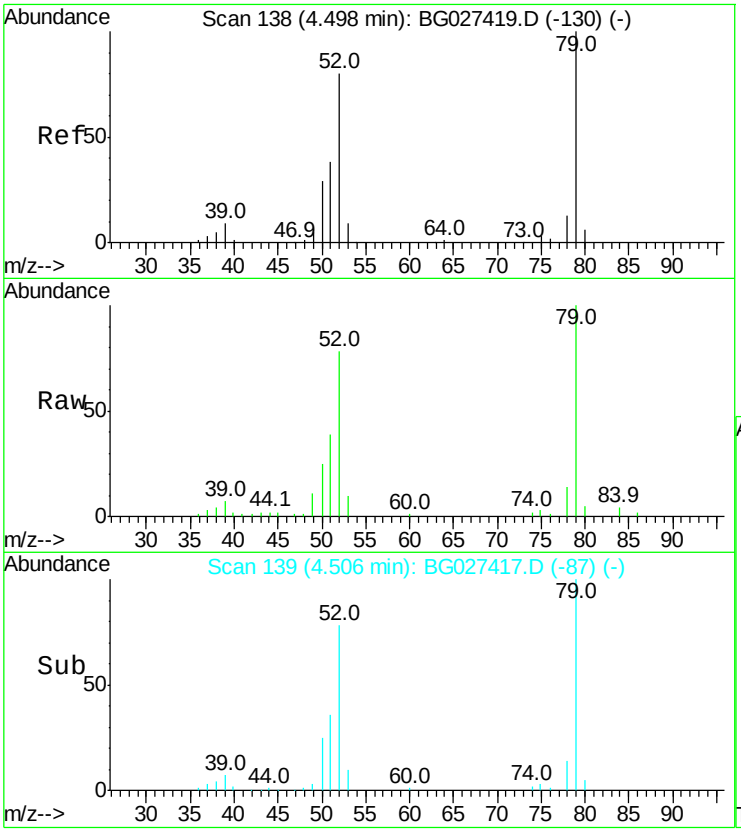


#2
1,4-Dioxane
Concen: 10.92 ng
RT: 4.12 min Scan# 73
Delta R.T. 0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion: 88 Resp: 11604

Ion	Ratio	Lower	Upper
88	100		
58	93.9	79.4	119.2
43	31.2	33.8	50.6#

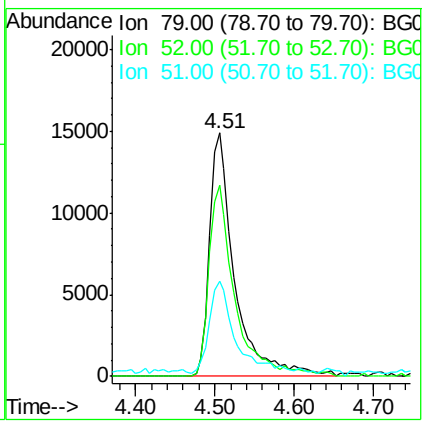




#3
Pyridine
Concen: 9.99 ng
RT: 4.51 min Scan# 139
Delta R.T. 0.01 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion: 79 Resp: 32708

Ion	Ratio	Lower	Upper
79	100		
52	78.4	77.8	116.6
51	39.1	43.2	64.8#



Instrument :
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ClientSampleId :
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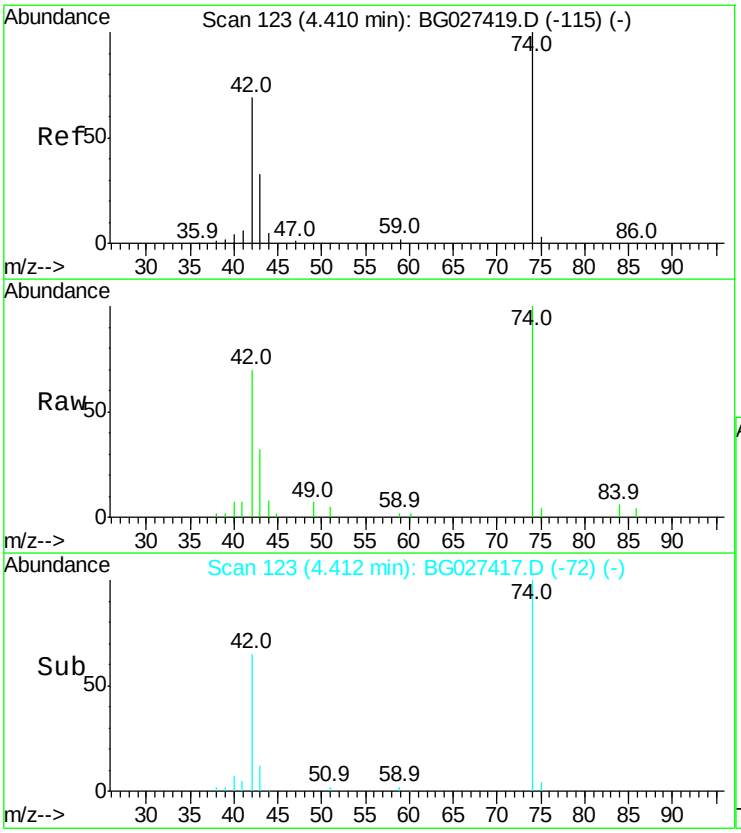
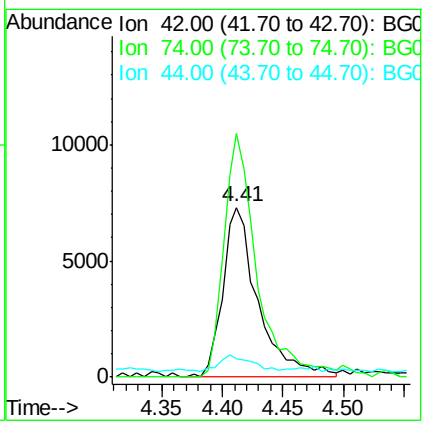
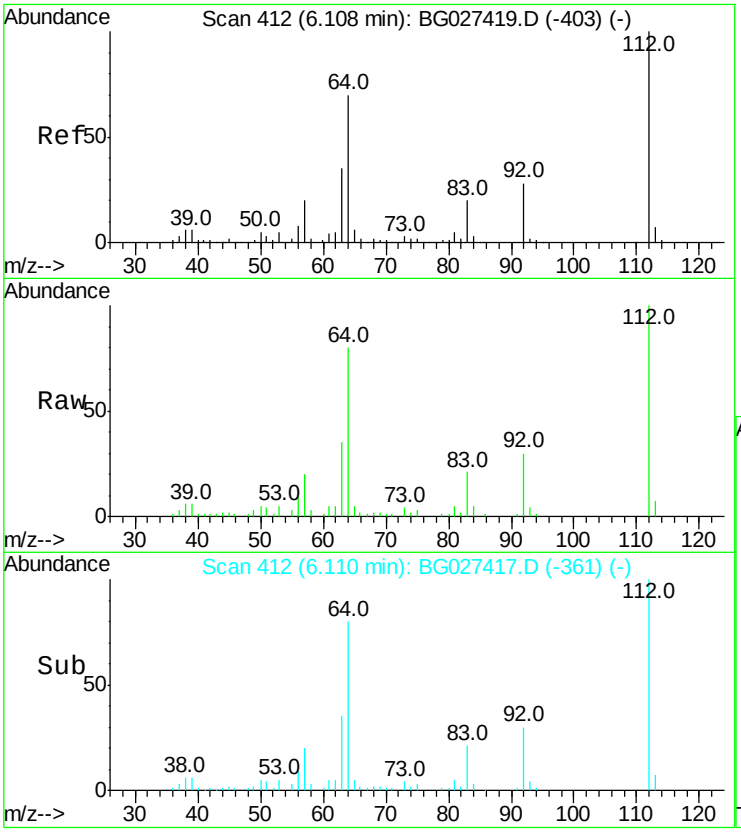


#4
n-Nitrosodimethylamine
Concen: 12.23 ng
RT: 4.41 min Scan# 123
Delta R.T. 0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion: 42 Resp: 14829

Ion	Ratio	Lower	Upper
42	100		
74	143.4	76.7	115.1#
44	10.8	6.1	9.1#

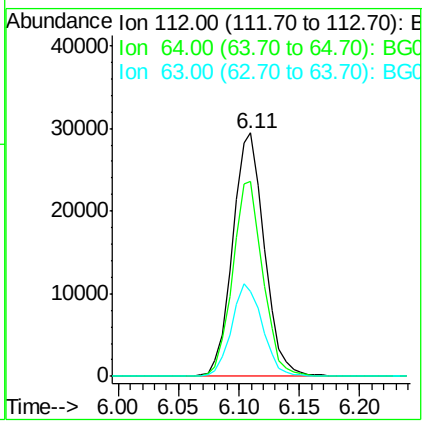




#5
2-Fluorophenol
Concen: 21.00 ng
RT: 6.11 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:112 Resp: 53790

Ion	Ratio	Lower	Upper
112	100		
64	80.2	61.8	92.6
63	34.6	37.2	55.8#



Instrument :
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ClientSampleId :
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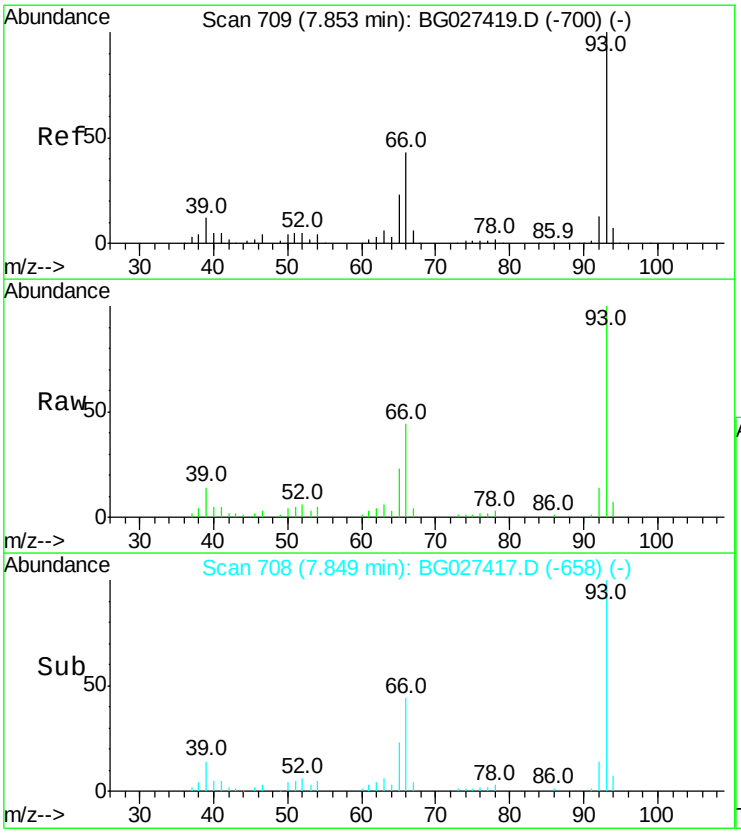
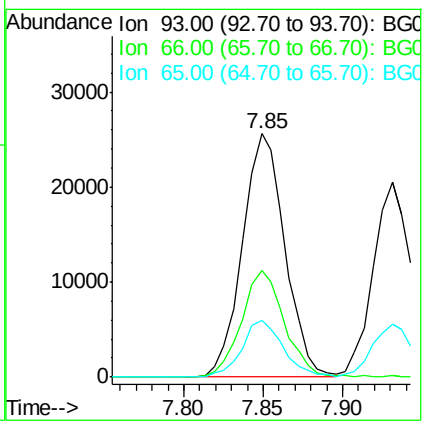
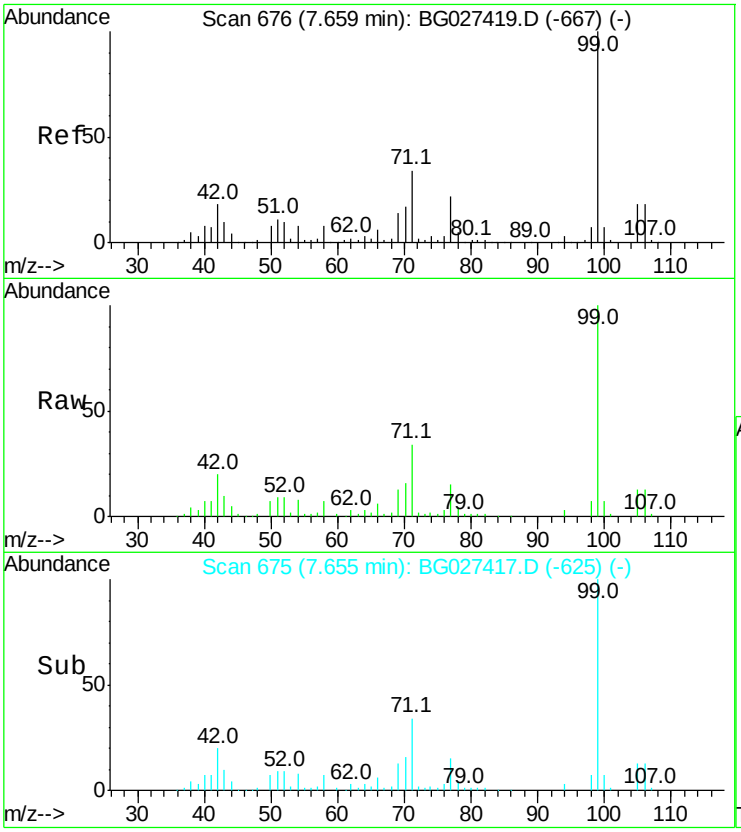


#6
Aniline
Concen: 10.04 ng
RT: 7.85 min Scan# 708
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion: 93 Resp: 47555

Ion	Ratio	Lower	Upper
93	100		
66	44.0	35.4	53.2
65	23.2	21.2	31.8

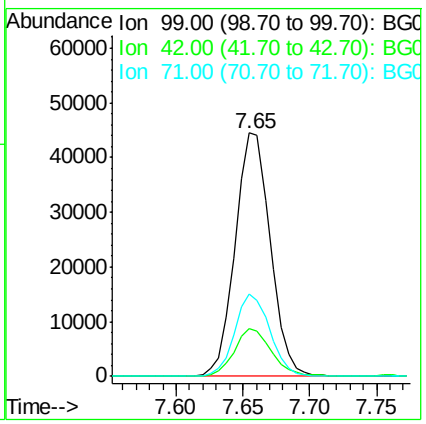




#7
Phenol-d6
Concen: 21.52 ng
RT: 7.65 min Scan# 675
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion: 99 Resp: 80923

Ion	Ratio	Lower	Upper
99	100		
42	19.5	20.5	30.7#
71	33.6	37.6	56.4#



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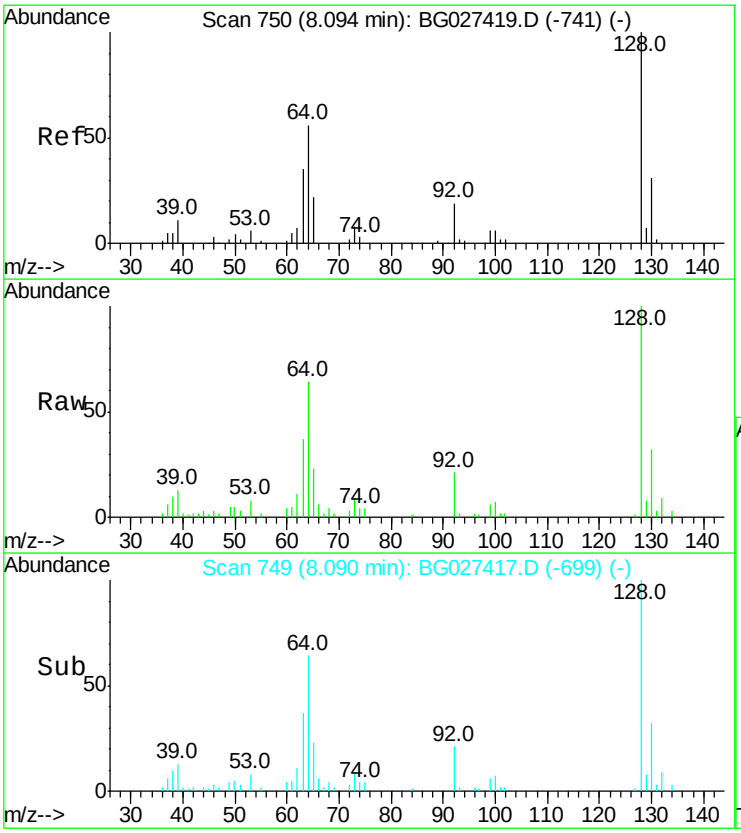
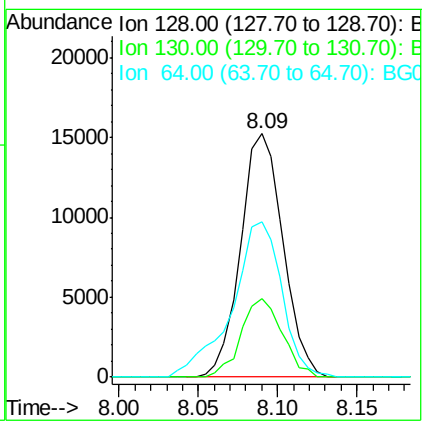
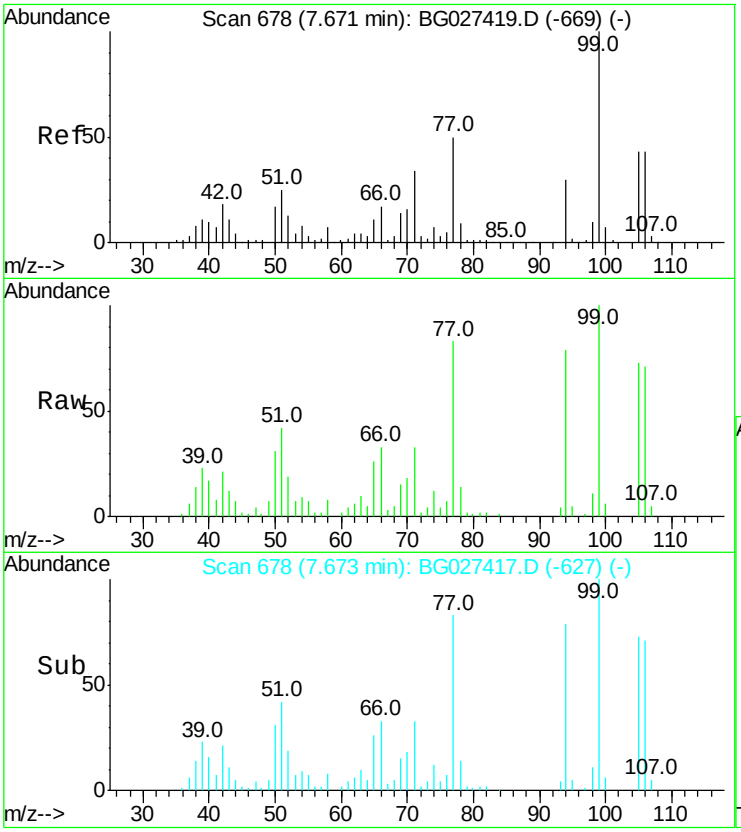


#8
2-Chlorophenol
Concen: 10.47 ng
RT: 8.09 min Scan# 749
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:128 Resp: 28319

Ion	Ratio	Lower	Upper
128	100		
130	32.2	11.4	51.4
64	63.9	46.6	86.6

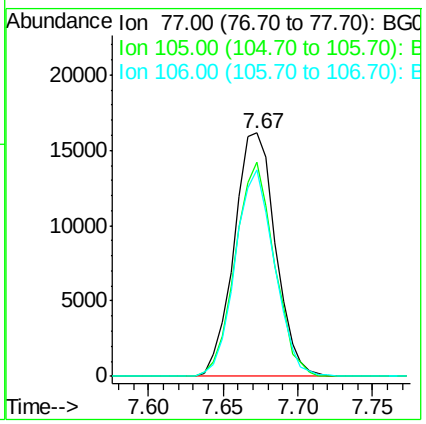




#9
Benzaldehyde
Concen: 11.95 ng
RT: 7.67 min Scan# 678
Delta R.T. 0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion: 77 Resp: 31085

Ion	Ratio	Lower	Upper
77	100		
105	87.8	60.9	100.9
106	84.7	55.1	95.1



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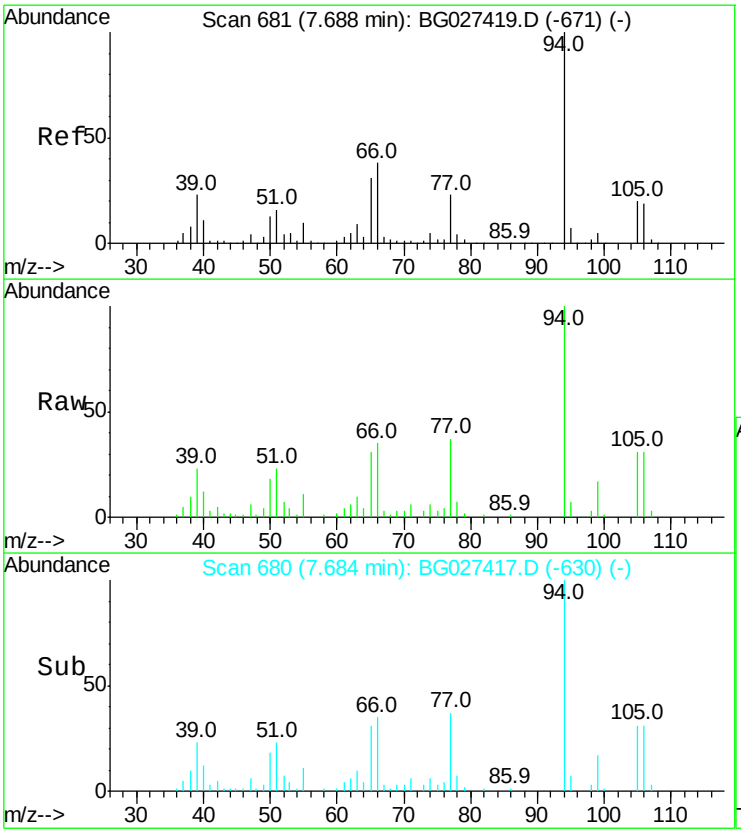
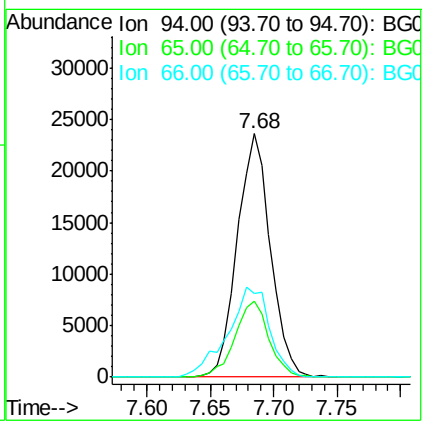
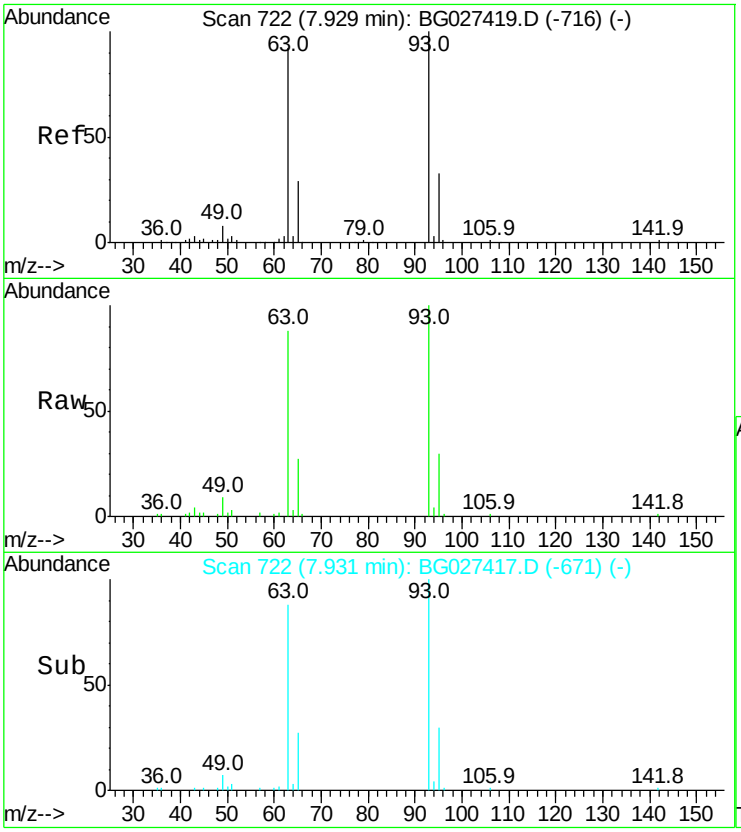


#10
Phenol
Concen: 11.15 ng
RT: 7.68 min Scan# 680
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion: 94 Resp: 42868

Ion	Ratio	Lower	Upper
94	100		
65	31.2	20.6	60.6
66	34.5	35.5	75.5#

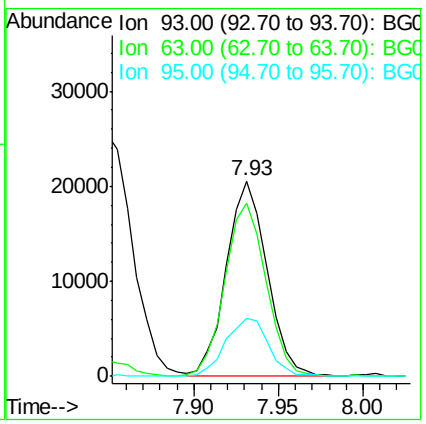




#11
bis(2-Chloroethyl)ether
Concen: 10.99 ng
RT: 7.93 min Scan# 722
Delta R.T. 0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion: 93 Resp: 34670

Ion	Ratio	Lower	Upper
93	100		
63	88.5	78.5	118.5
95	29.5	9.8	49.8



Instrument :
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ClientSampleId :
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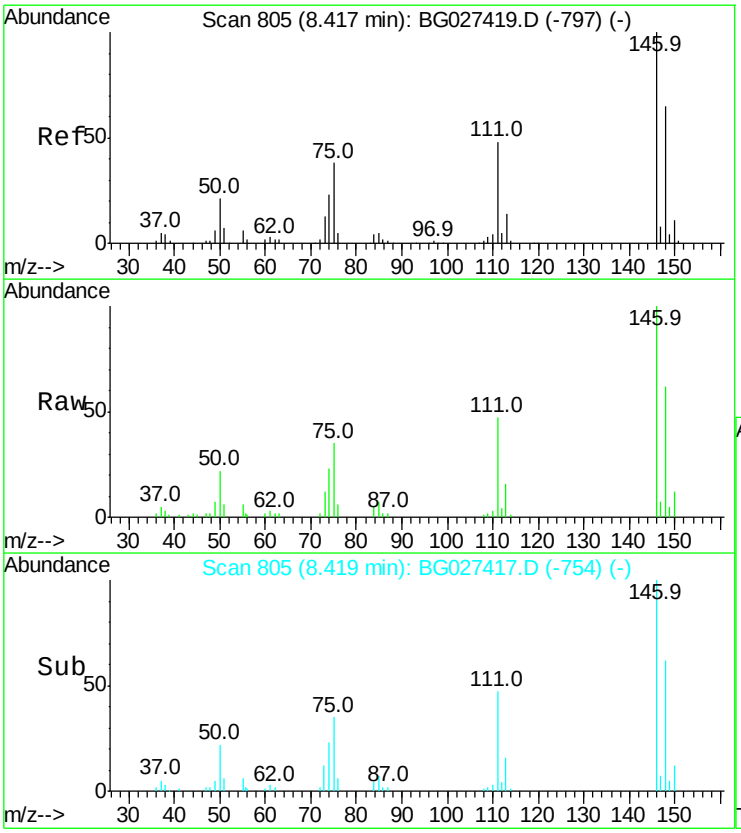
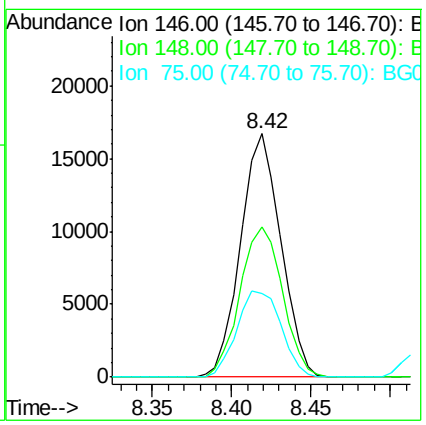
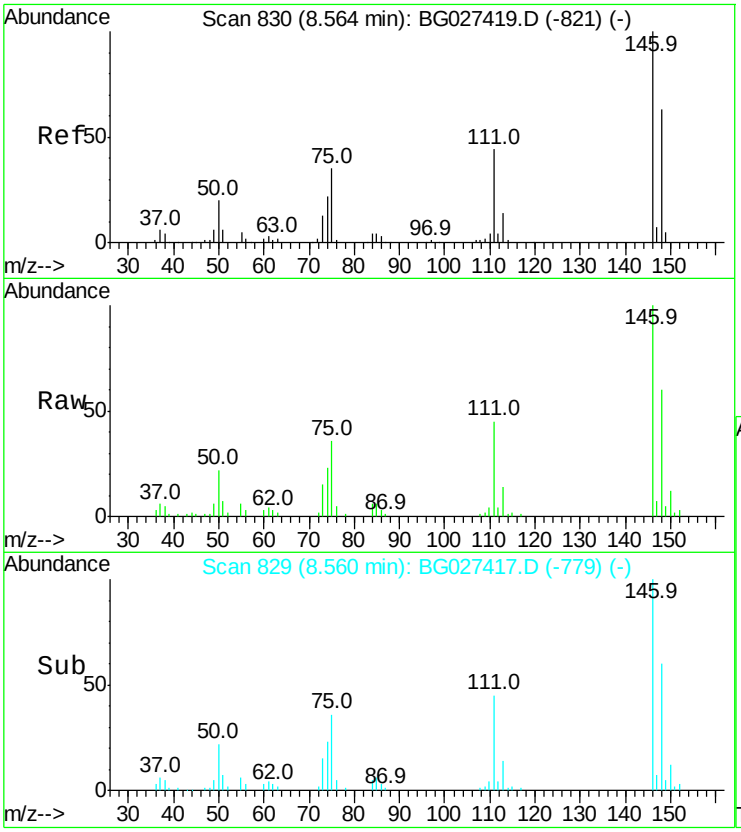


#12
1,3-Dichlorobenzene
Concen: 9.69 ng
RT: 8.42 min Scan# 805
Delta R.T. 0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:146 Resp: 29574

Ion	Ratio	Lower	Upper
146	100		
148	61.7	49.2	73.8
75	34.6	33.4	50.2

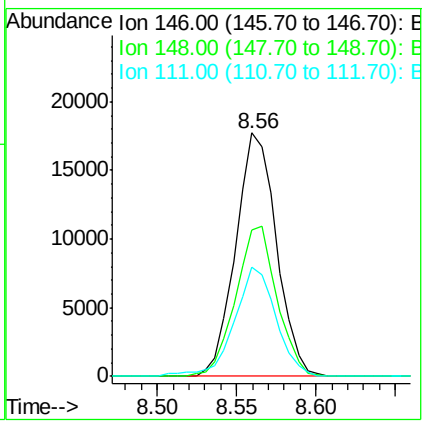




#13
1,4-Dichlorobenzene
Concen: 10.10 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:146 Resp: 31621

Ion	Ratio	Lower	Upper
146	100		
148	60.2	52.2	78.2
111	44.7	37.0	55.6



Instrument :
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ClientSampleId :
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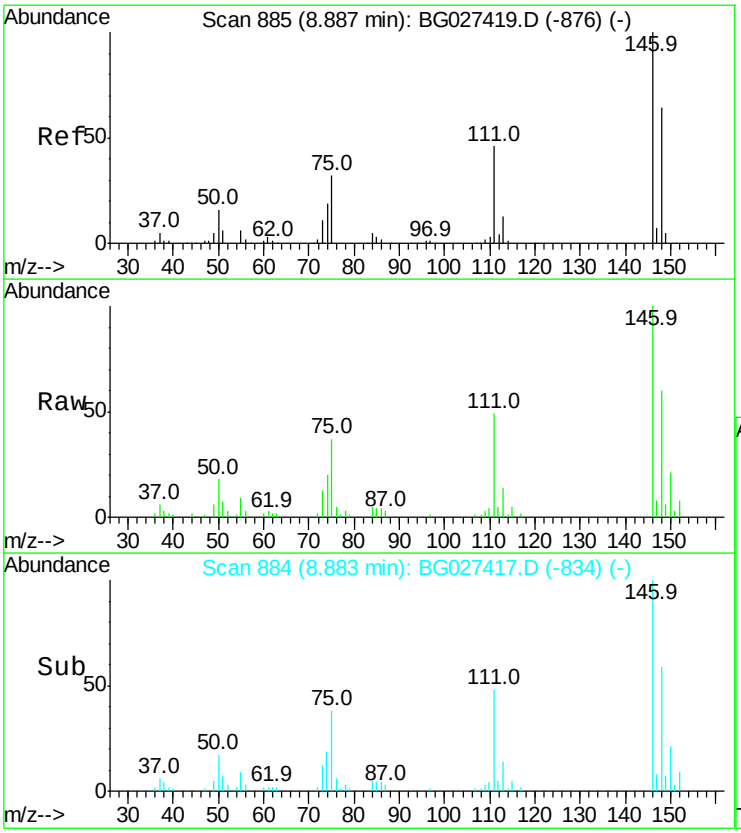
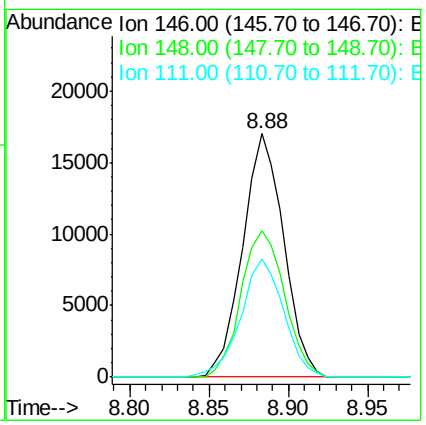
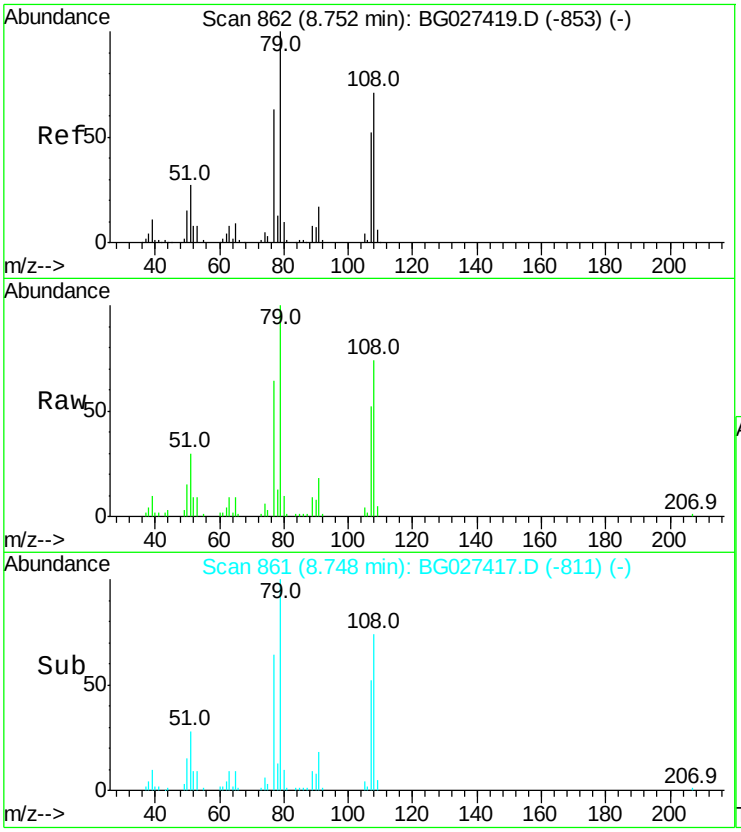


#14
1,2-Dichlorobenzene
Concen: 10.04 ng
RT: 8.88 min Scan# 884
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:146 Resp: 30667

Ion	Ratio	Lower	Upper
146	100		
148	60.3	54.6	81.8
111	48.5	39.7	59.5





#15
Benzyl Alcohol
Concen: 10.92 ng
RT: 8.75 min Scan# 861
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion: 79 Resp: 28946

Ion	Ratio	Lower	Upper
79	100		
108	73.6	45.5	68.3#
77	63.6	54.3	81.5

Instrument :
BNA_G
ClientSampleId :
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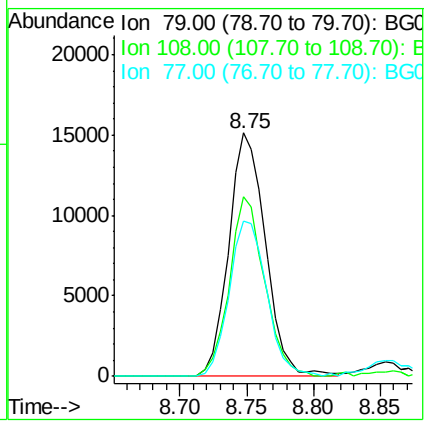
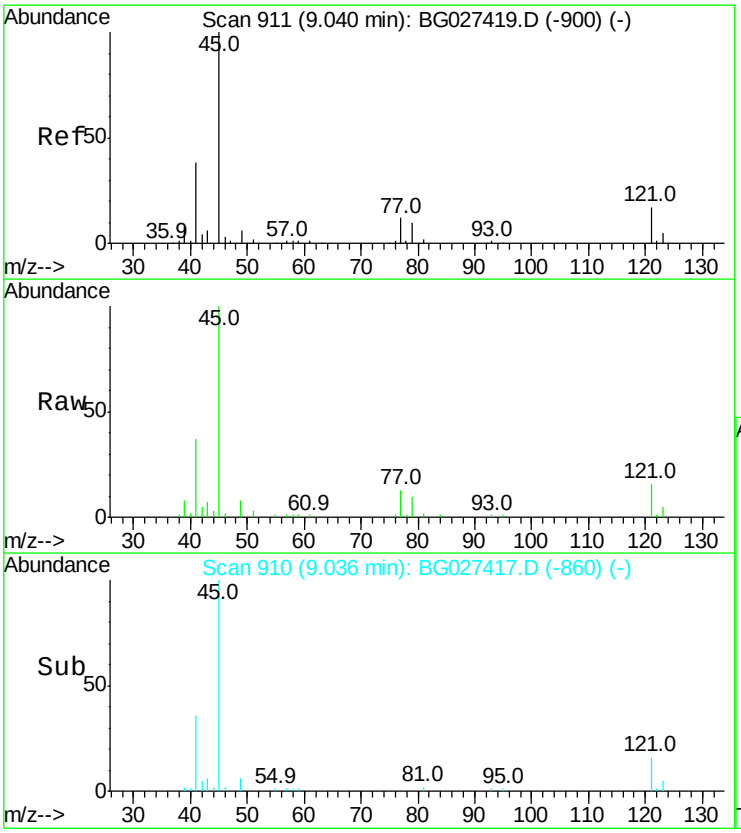
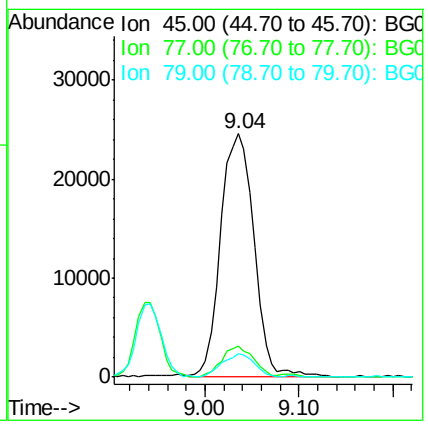


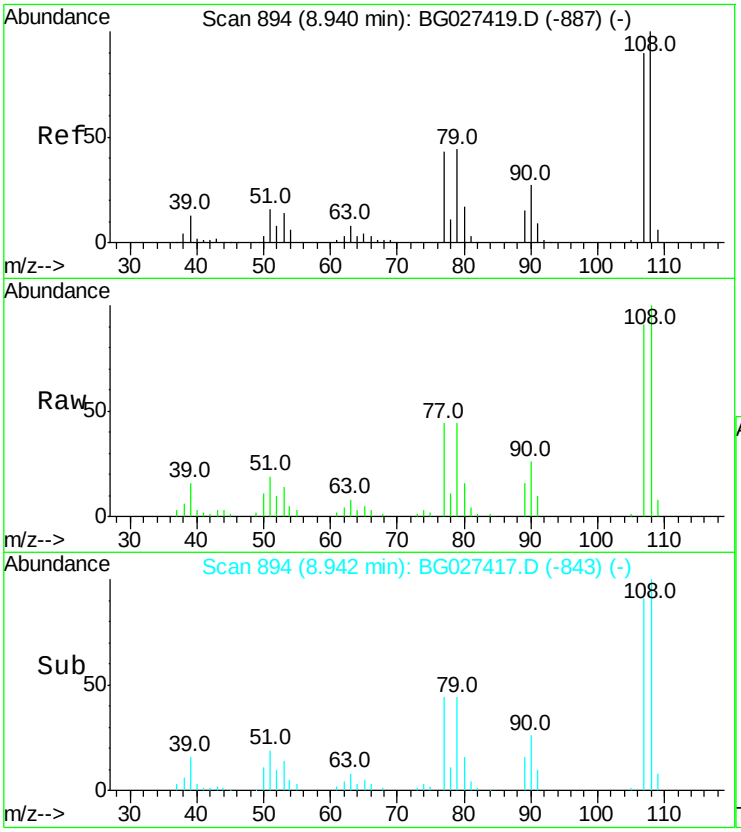


#16
2,2'-oxybis(1-Chloropropane)
Concen: 13.47 ng
RT: 9.04 min Scan# 910
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion: 45 Resp: 60812

Ion	Ratio	Lower	Upper
45	100		
77	12.9	0.0	30.6
79	9.6	0.0	28.5

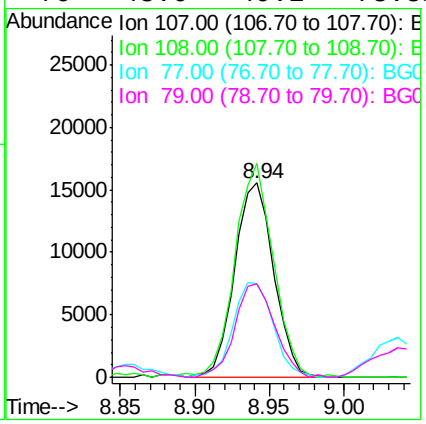




#17
2-Methylphenol
Concen: 10.41 ng
RT: 8.94 min Scan# 894
Delta R.T. 0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:107 Resp: 28299

Ion	Ratio	Lower	Upper
107	100		
108	109.9	85.6	128.4
77	48.2	51.4	77.2#
79	48.0	49.2	73.8#



Instrument :
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ClientSampleId :
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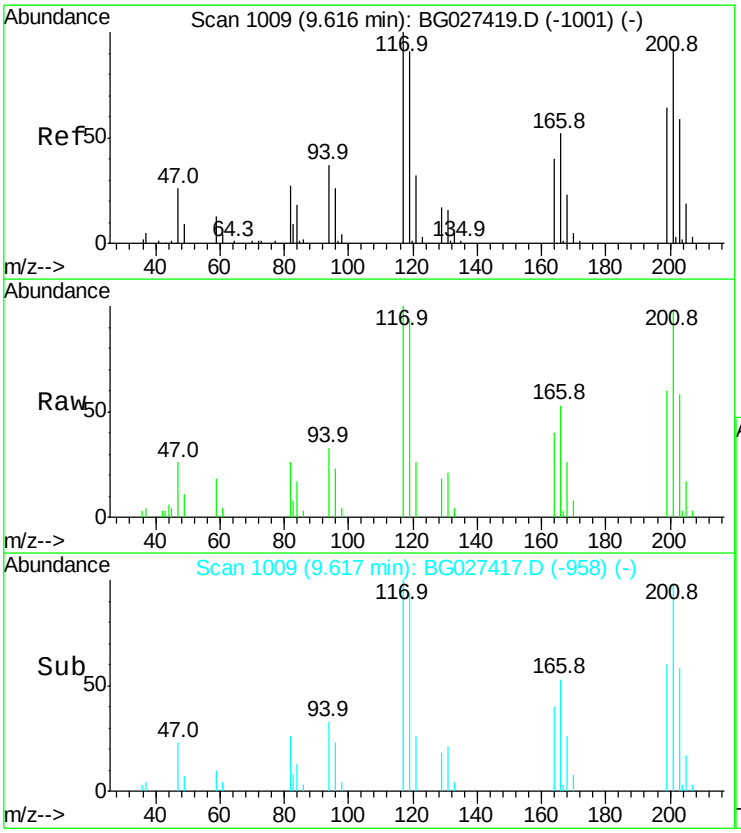
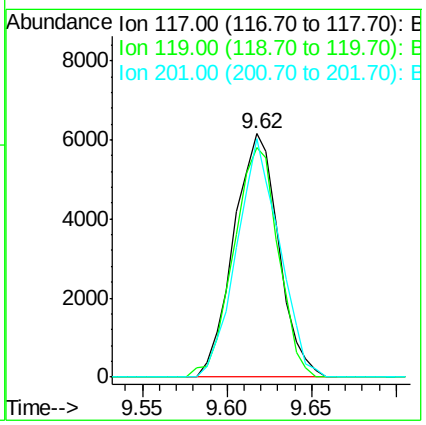
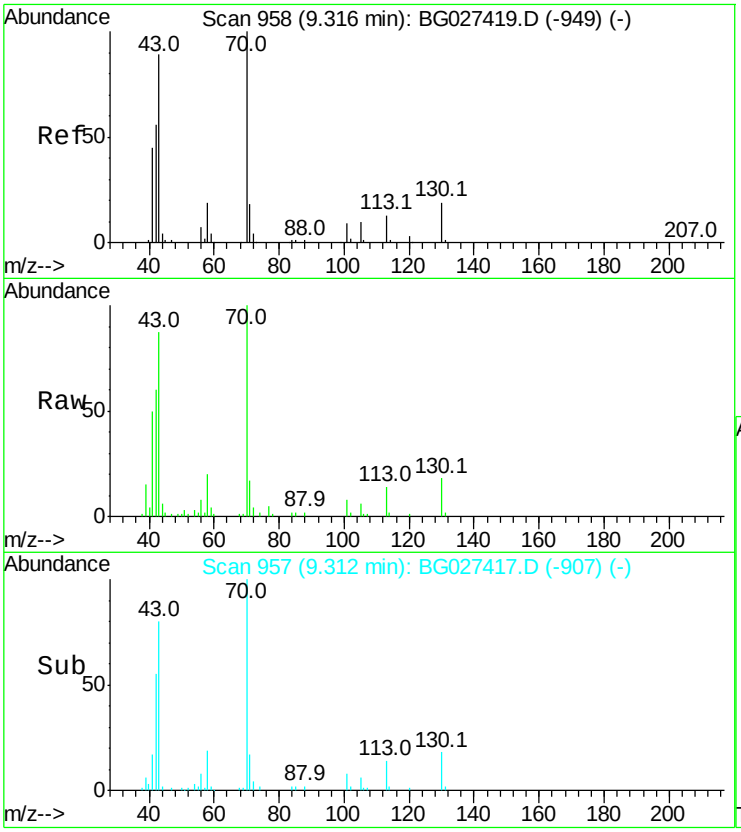


#18
Hexachloroethane
Concen: 10.79 ng
RT: 9.62 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:117 Resp: 11387

Ion	Ratio	Lower	Upper
117	100		
119	94.4	69.8	104.6
201	97.7	95.4	143.0

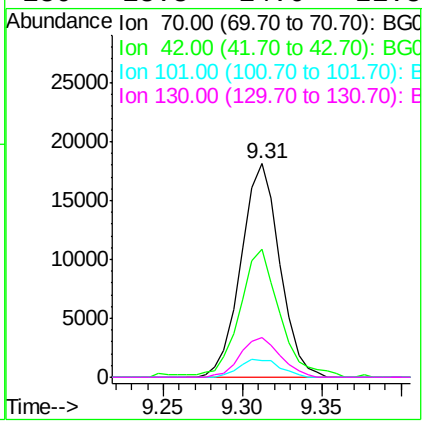




#19
n-Nitroso-di-n-propylamine
Concen: 11.68 ng
RT: 9.31 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion: 70 Resp: 30723

Ion	Ratio	Lower	Upper
70	100		
42	60.1	56.1	84.1
101	7.8	7.5	11.3
130	18.3	14.6	21.8



Instrument :
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ClientSampleId :
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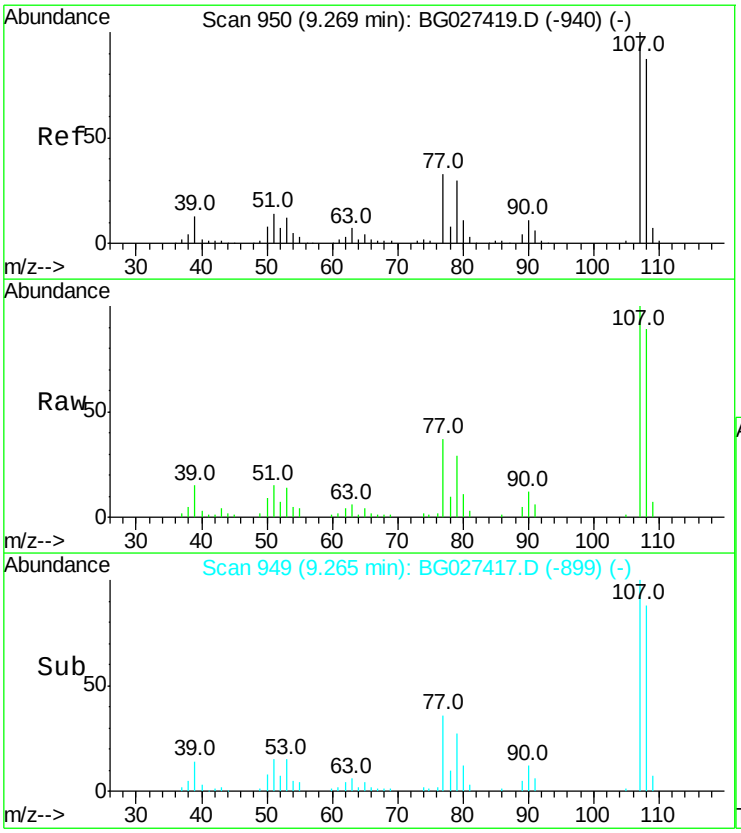
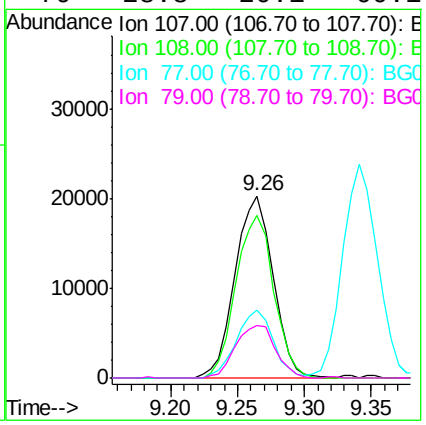
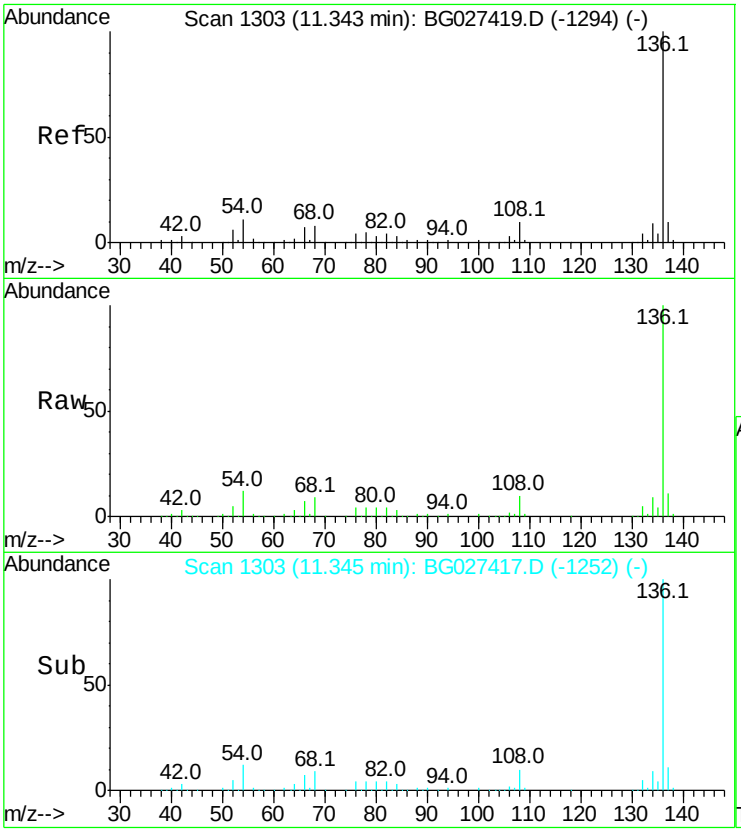


#20
3+4-Methylphenols
Concen: 10.67 ng
RT: 9.26 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:107 Resp: 40196

Ion	Ratio	Lower	Upper
107	100		
108	89.2	70.8	110.8
77	37.1	25.8	65.8
79	28.8	20.1	60.1

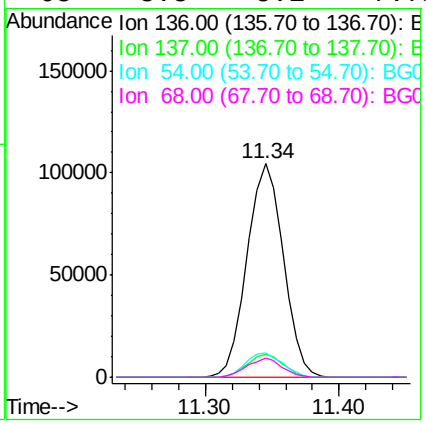




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.34 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:136 Resp: 196518

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	11.6	9.3	13.9
68	8.8	5.1	7.7#



Instrument :
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ClientSampleId :
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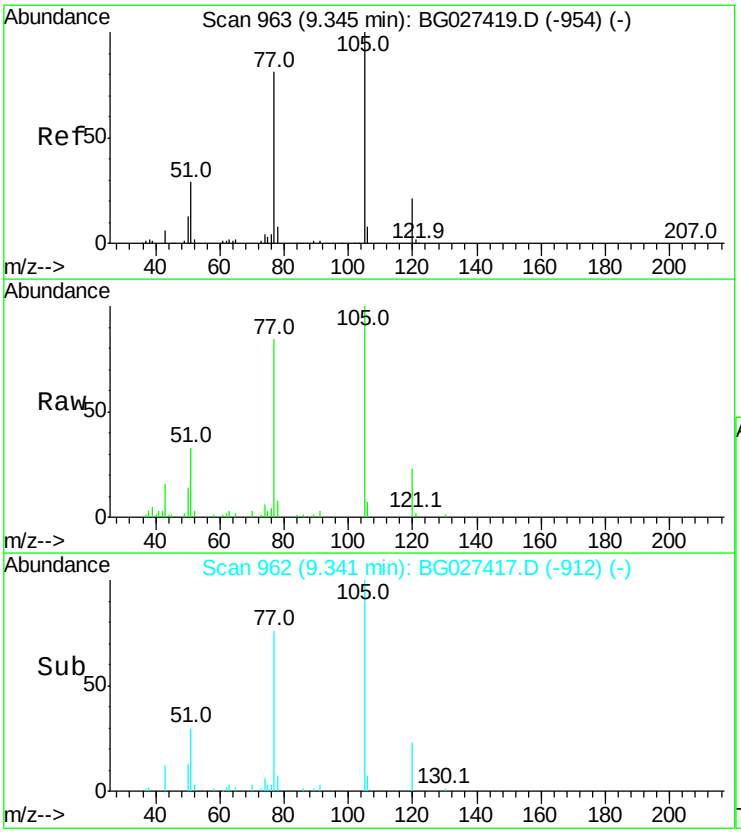
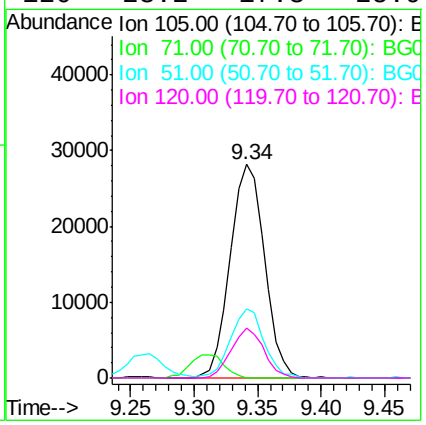
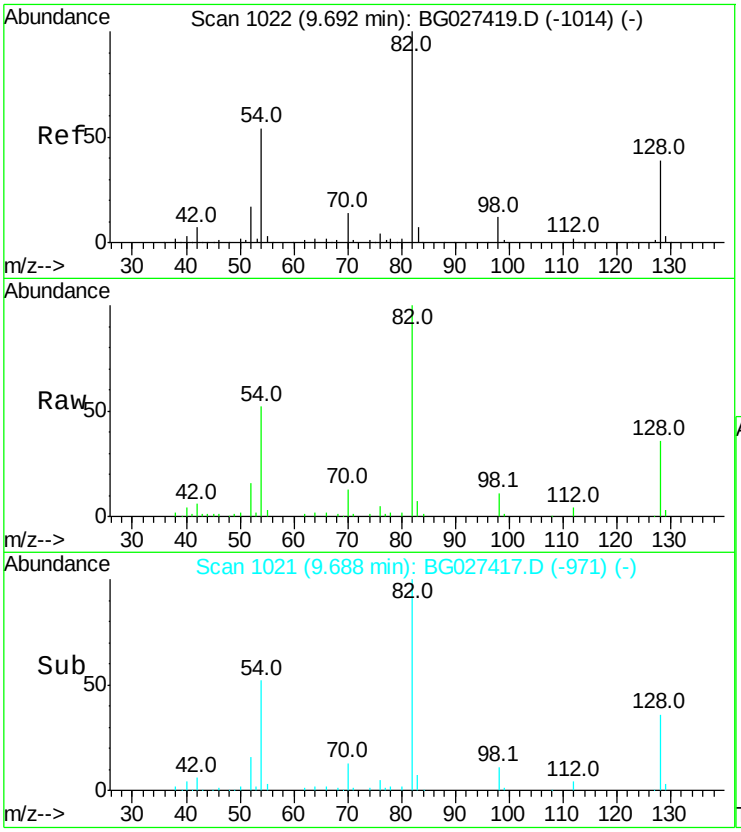


#22
Acetophenone
Concen: 10.51 ng
RT: 9.34 min Scan# 962
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:105 Resp: 52823

Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.9	1.3#
51	32.5	34.0	51.0#
120	23.2	17.3	25.9

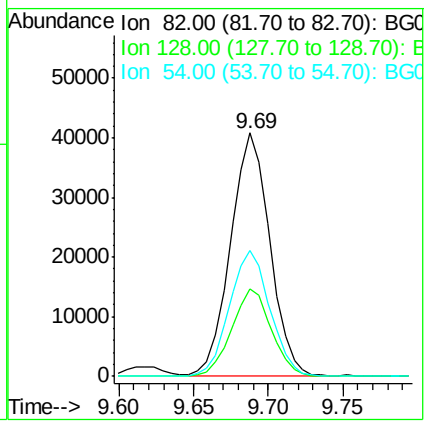




#23
Nitrobenzene-d5
Concen: 23.96 ng
RT: 9.69 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion: 82 Resp: 74856

Ion	Ratio	Lower	Upper
82	100		
128	35.8	26.4	39.6
54	51.7	49.4	74.2



Instrument :
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ClientSampleId :
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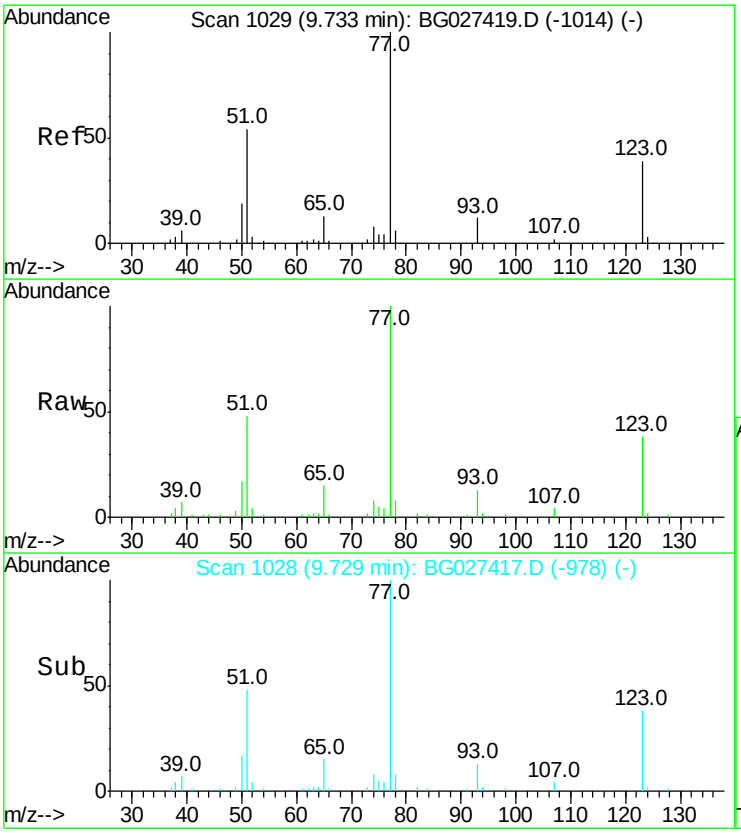
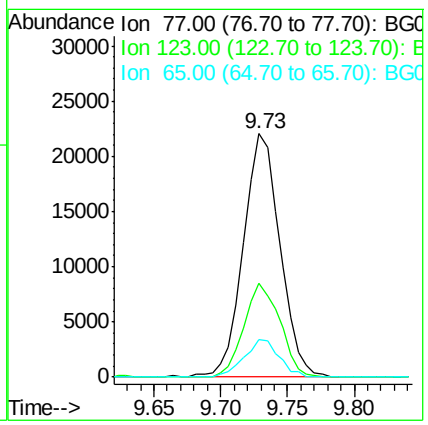
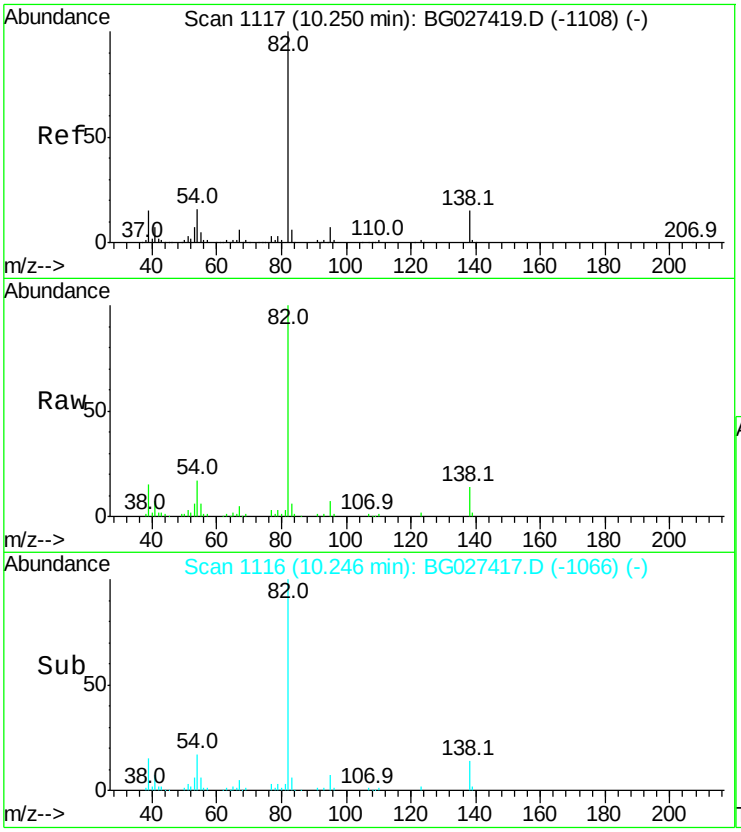


#24
Nitrobenzene
Concen: 11.72 ng
RT: 9.73 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion: 77 Resp: 41727

Ion	Ratio	Lower	Upper
77	100		
123	38.5	26.1	39.1
65	15.3	12.4	18.6

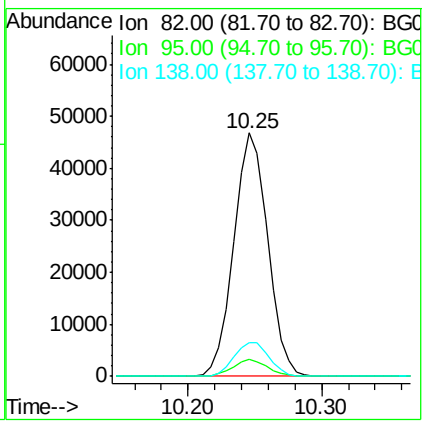




#25
Isophorone
Concen: 11.23 ng
RT: 10.25 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion: 82 Resp: 82531

Ion	Ratio	Lower	Upper
82	100		
95	6.8	7.5	11.3#
138	13.9	12.3	18.5



Instrument :
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ClientSampleId :
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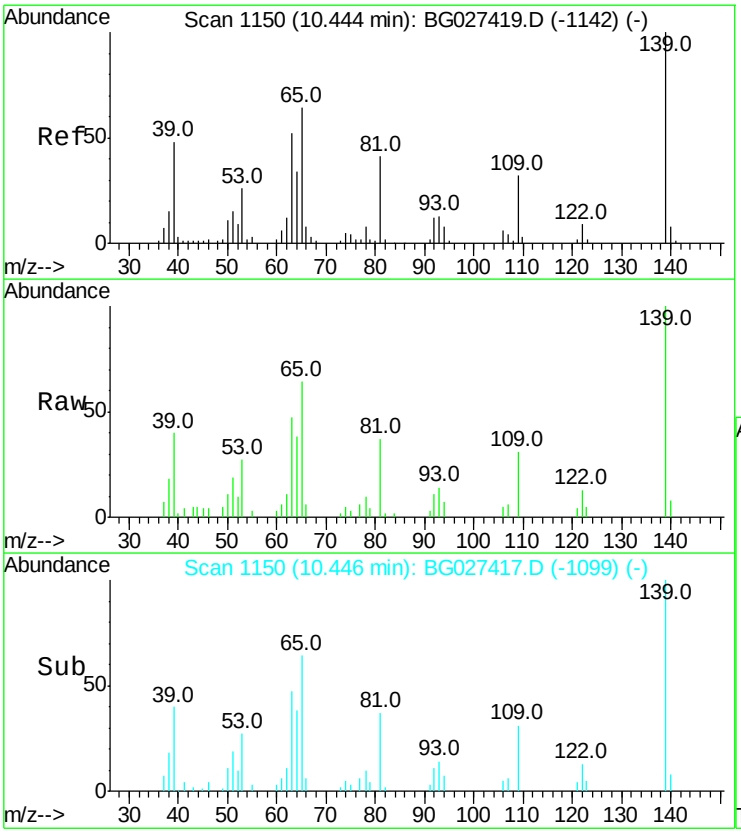
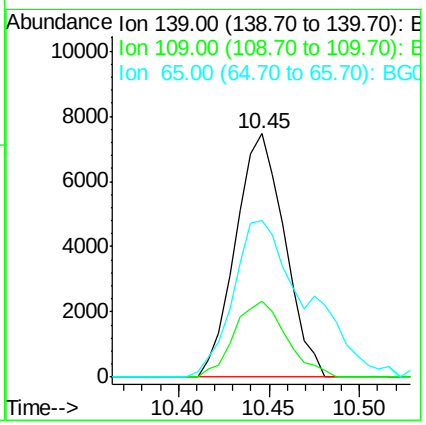
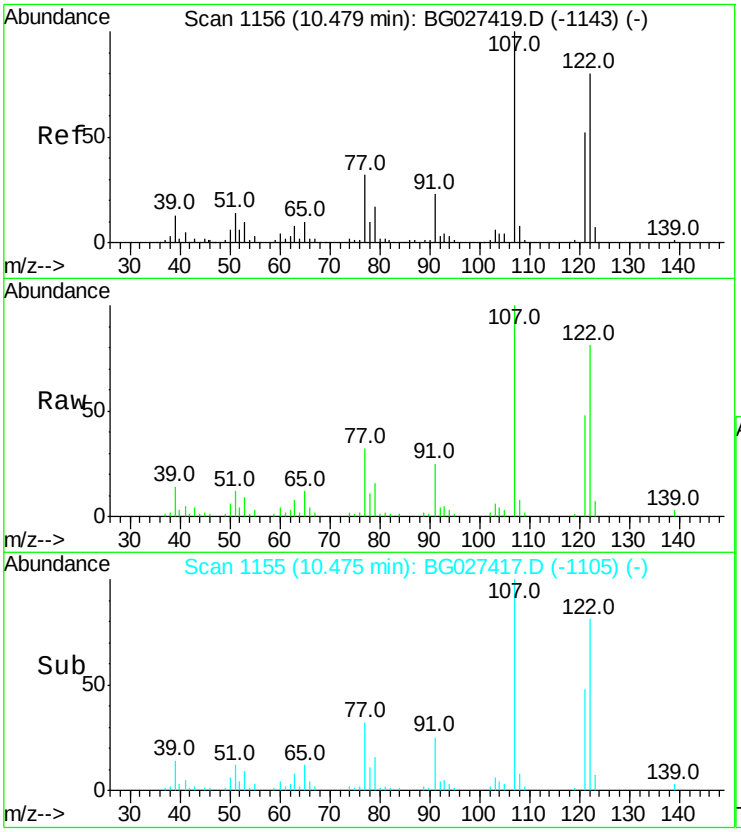


#26
2-Nitrophenol
Concen: 10.60 ng
RT: 10.45 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:139 Resp: 14038

Ion	Ratio	Lower	Upper
139	100		
109	31.1	38.6	58.0#
65	64.5	57.1	85.7





#27
2,4-Dimethylphenol
Concen: 10.68 ng
RT: 10.48 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:122 Resp: 33745

Ion	Ratio	Lower	Upper
122	100		
107	124.1	104.2	156.4
121	60.2	46.0	69.0

Instrument :
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ClientSampleId :
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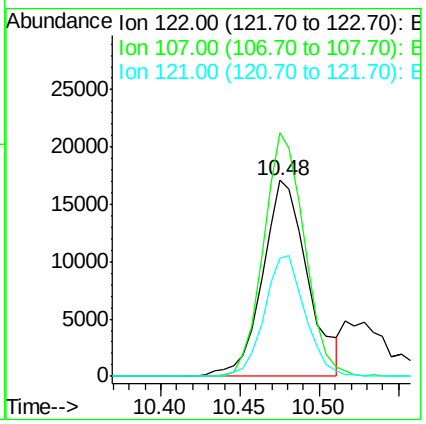
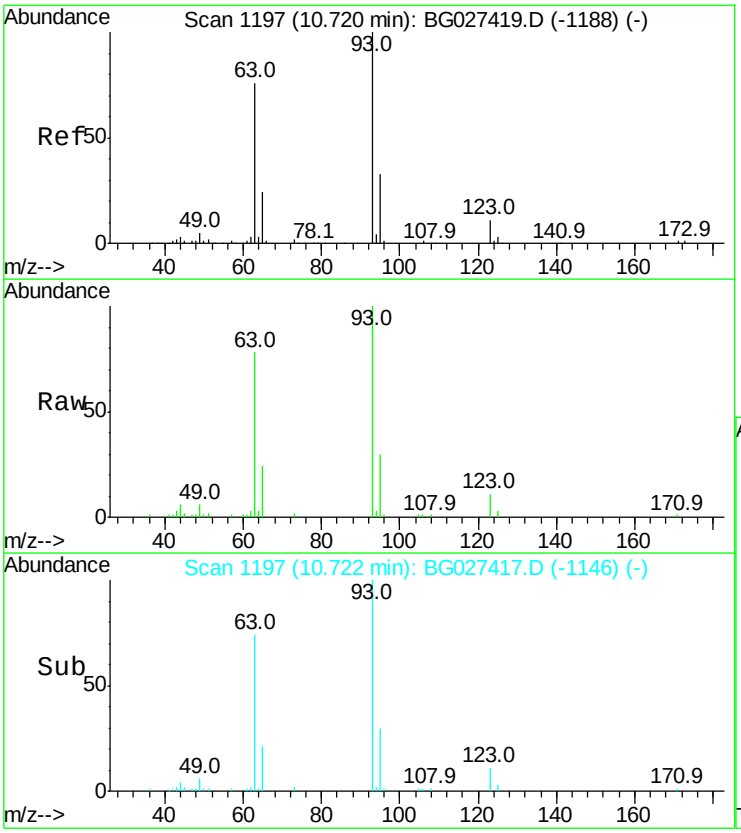
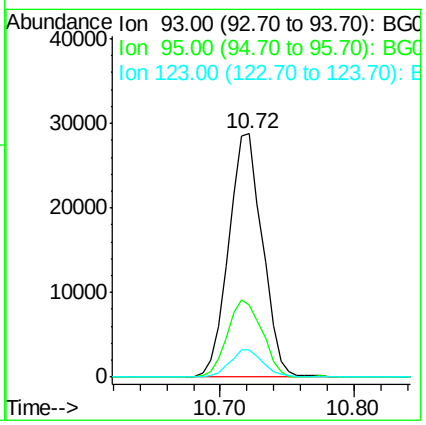


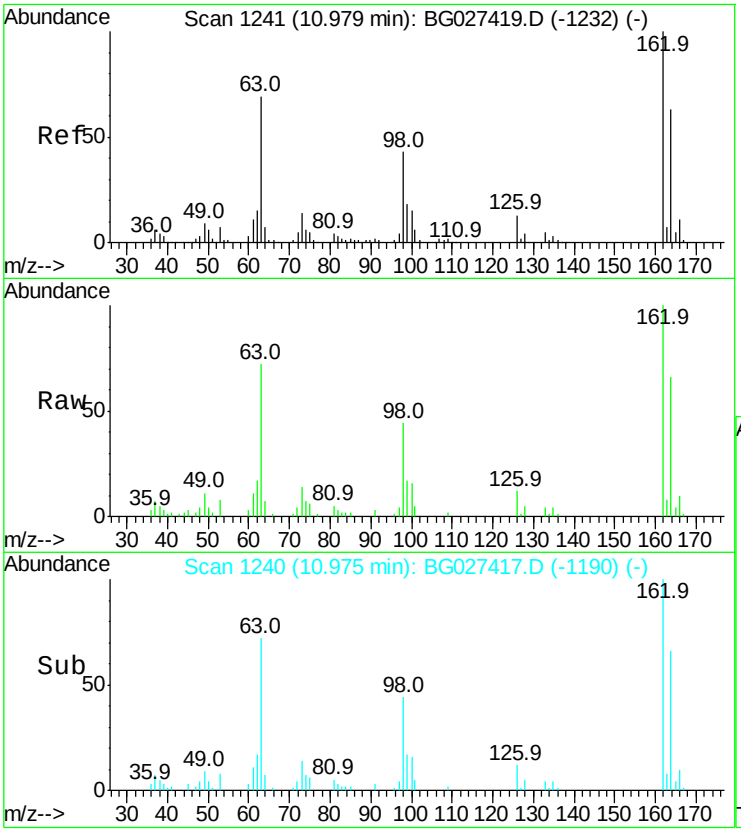


#28
bis(2-Chloroethoxy)methane
Concen: 10.68 ng
RT: 10.72 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion: 93 Resp: 50824

Ion	Ratio	Lower	Upper
93	100		
95	29.8	25.7	38.5
123	11.2	8.3	12.5

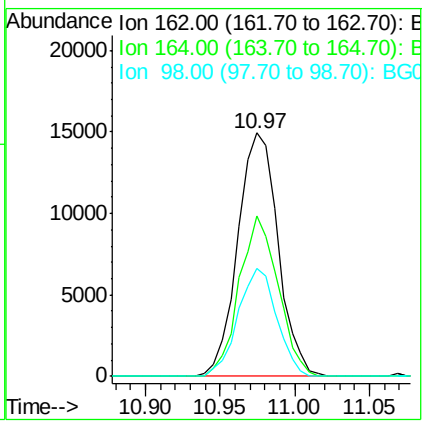




#29
2,4-Dichlorophenol
Concen: 9.70 ng
RT: 10.97 min Scan# 1240
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:162 Resp: 27968

Ion	Ratio	Lower	Upper
162	100		
164	65.8	42.4	82.4
98	44.2	20.3	60.3



Instrument :
BNA_G
ClientSampleId :
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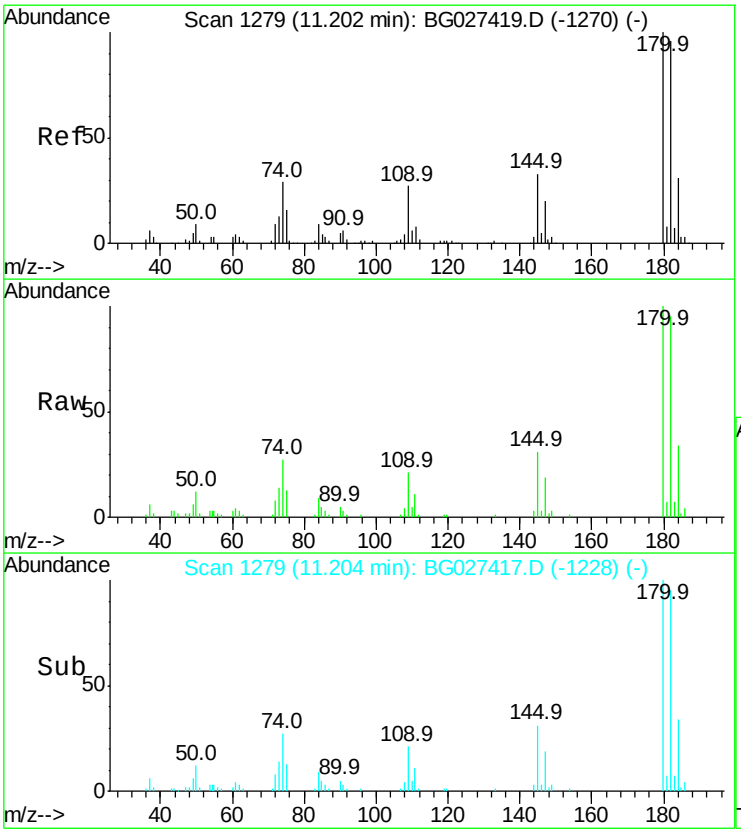
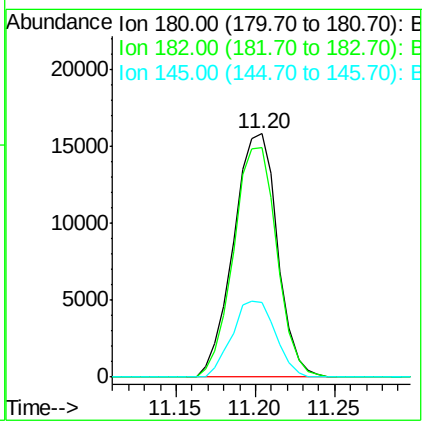
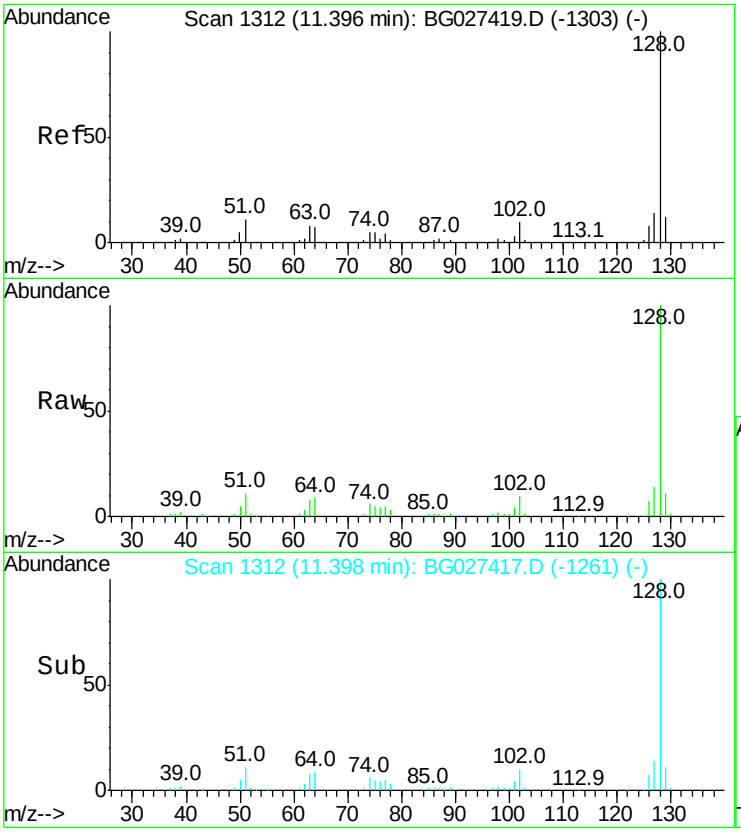


#30
1,2,4-Trichlorobenzene
Concen: 9.51 ng
RT: 11.20 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:180 Resp: 30386

Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.0	115.4
145	30.7	23.4	35.0

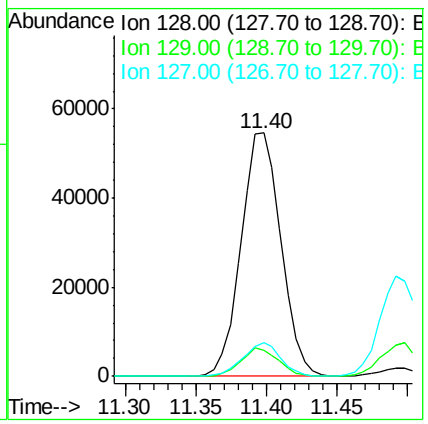




#31
Naphthalene
Concen: 10.05 ng
RT: 11.40 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:128 Resp: 107921

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.3	13.9
127	13.9	11.4	17.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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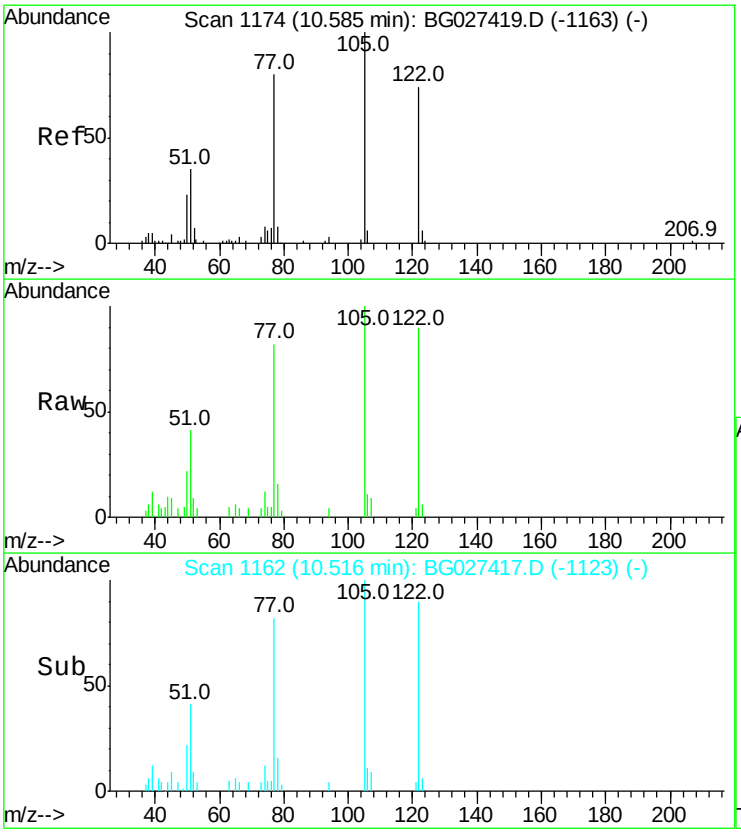
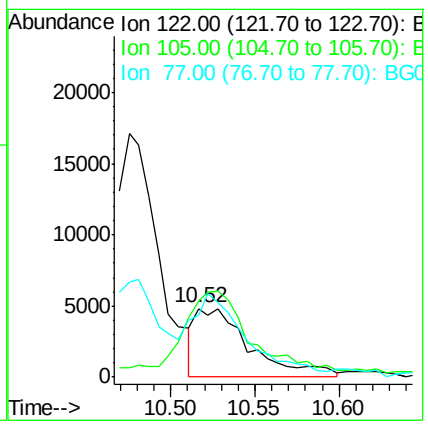
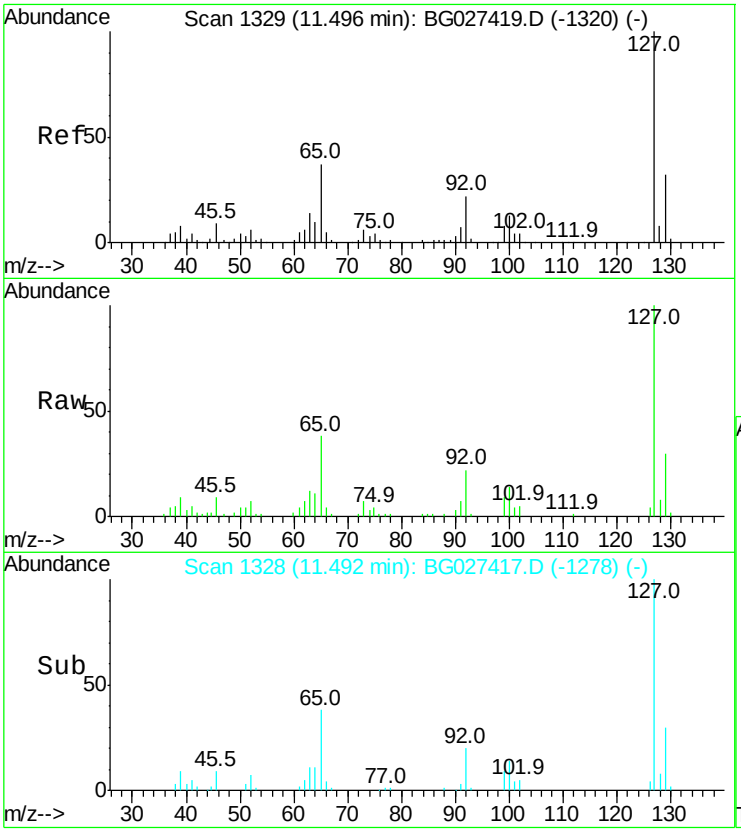


#32
Benzoic acid
Concen: 5.69 ng m
RT: 10.52 min Scan# 1162
Delta R.T. -0.07 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:122 Resp: 10966

Ion	Ratio	Lower	Upper
122	100		
105	111.0	120.1	160.1#
77	90.7	104.6	144.6#

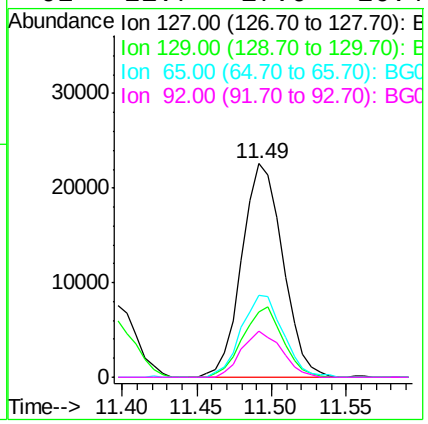




#33
4-Chloroaniline
Concen: 9.65 ng
RT: 11.49 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:127 Resp: 43167

Ion	Ratio	Lower	Upper
127	100		
129	30.3	23.6	35.4
65	38.1	37.7	56.5
92	21.7	17.6	26.4



Instrument :
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ClientSampleId :
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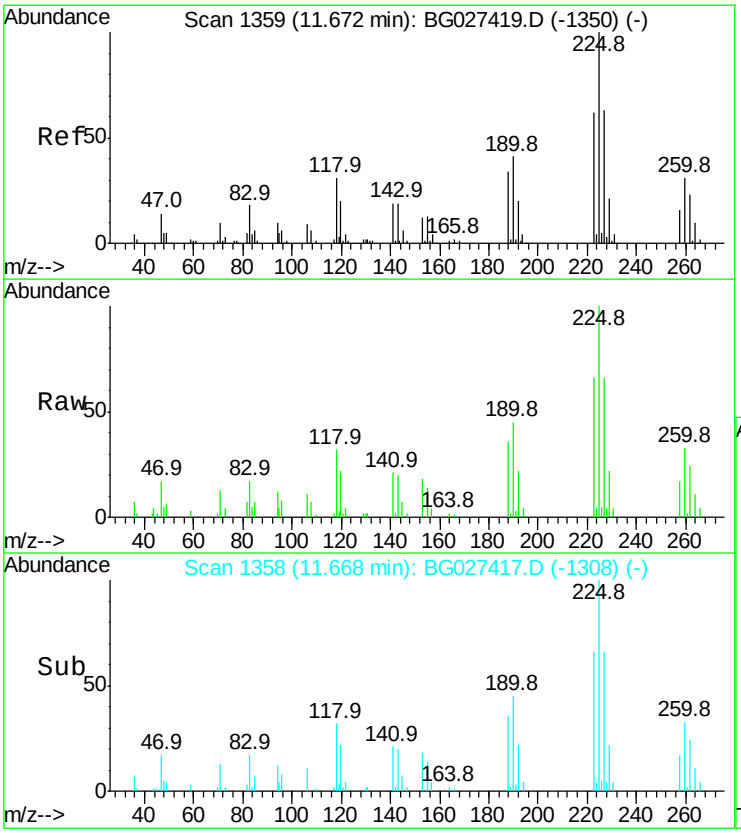
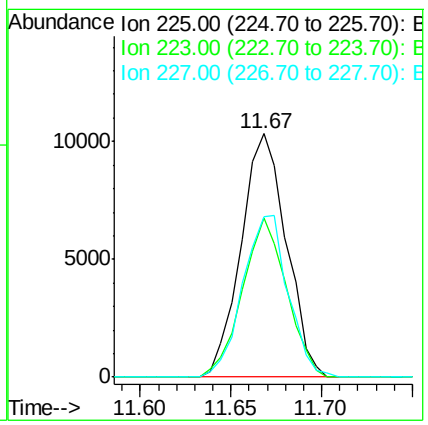
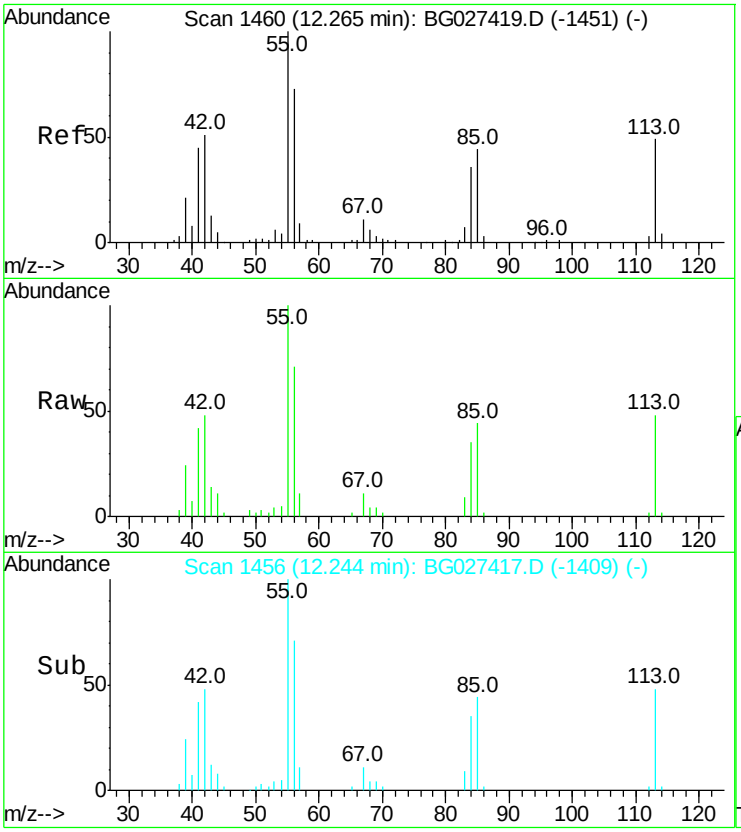


#34
Hexachlorobutadiene
Concen: 9.12 ng
RT: 11.67 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:225 Resp: 17894

Ion	Ratio	Lower	Upper
225	100		
223	65.6	50.7	76.1
227	66.0	49.0	73.6

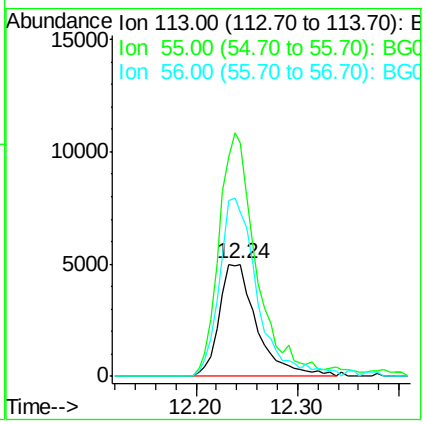




#35
Caprolactam
Concen: 13.00 ng
RT: 12.24 min Scan# 1456
Delta R.T. -0.02 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:113 Resp: 12860

Ion	Ratio	Lower	Upper
113	100		
55	208.5	198.6	238.6
56	147.3	140.4	180.4



Instrument :
BNA_G
ClientSampleId :
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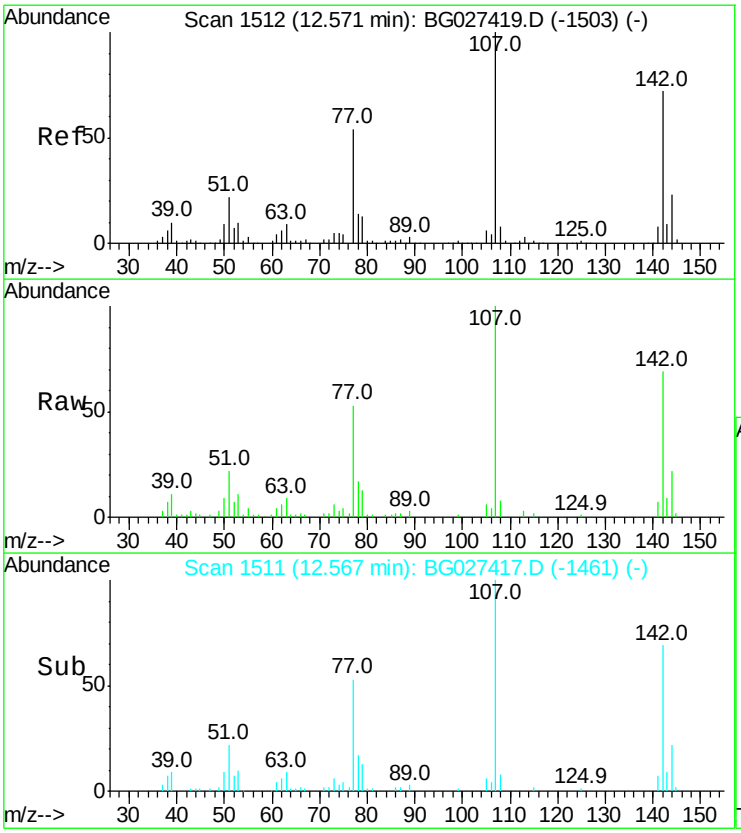
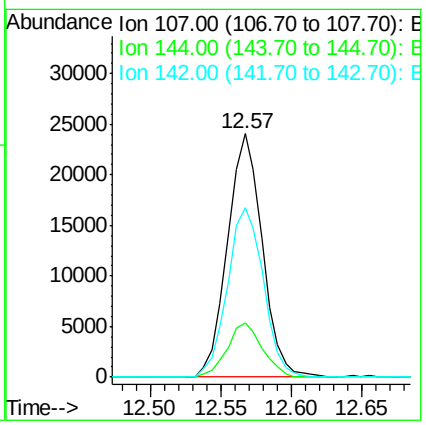
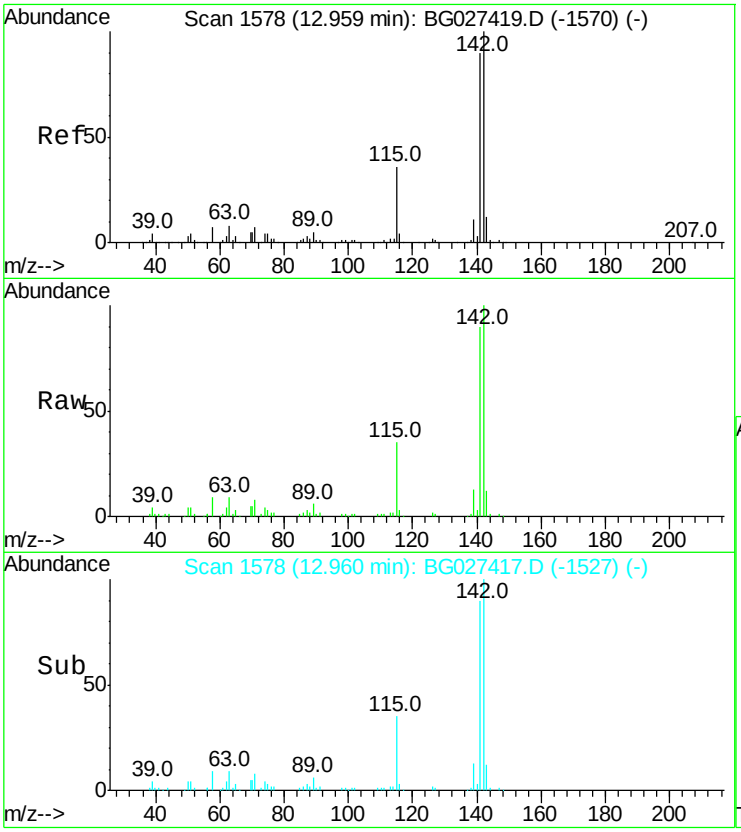


#36
4-Chloro-3-methylphenol
Concen: 11.41 ng
RT: 12.57 min Scan# 1511
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:107 Resp: 41262

Ion	Ratio	Lower	Upper
107	100		
144	22.3	17.4	26.0
142	69.4	54.1	81.1





#37
2-Methylnaphthalene
Concen: 9.91 ng m
RT: 12.96 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:142 Resp: 77648

Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.4	105.6
115	35.1	35.5	53.3#

Instrument :
BNA_G
ClientSampleId :
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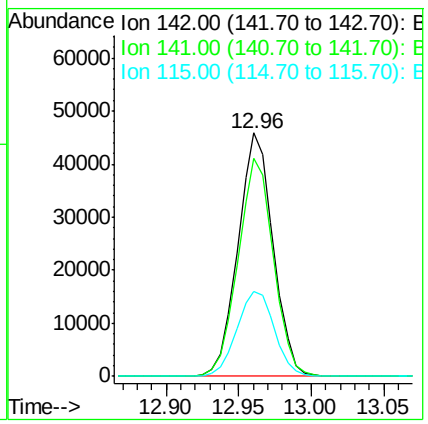
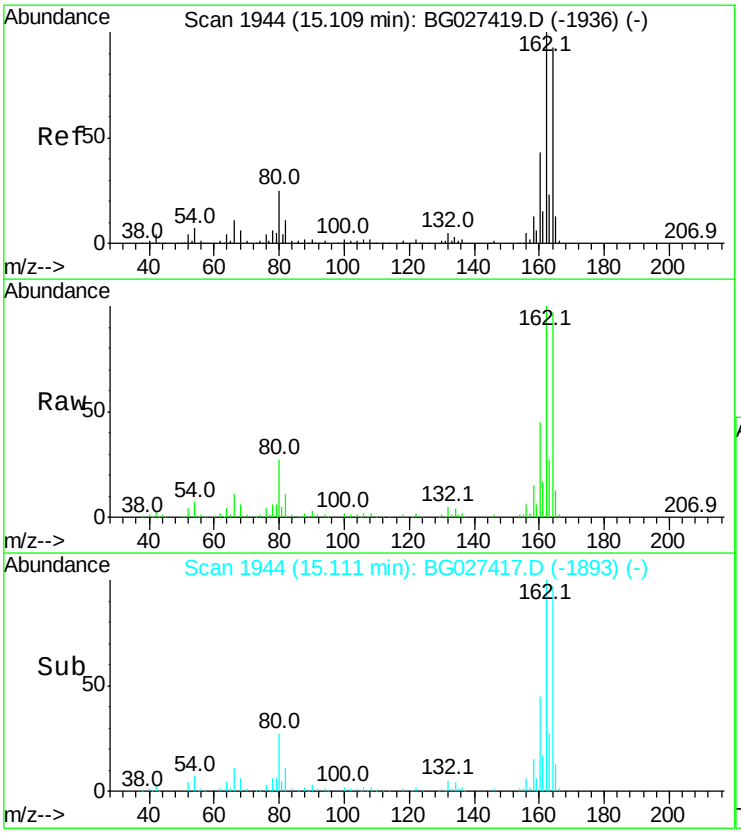
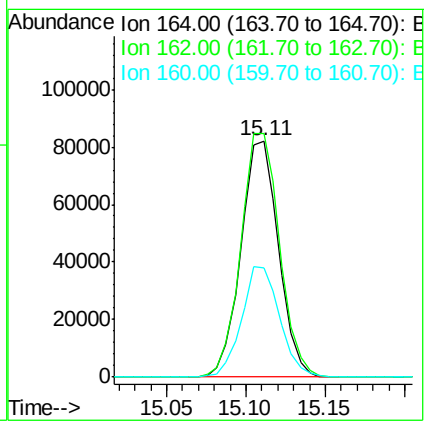


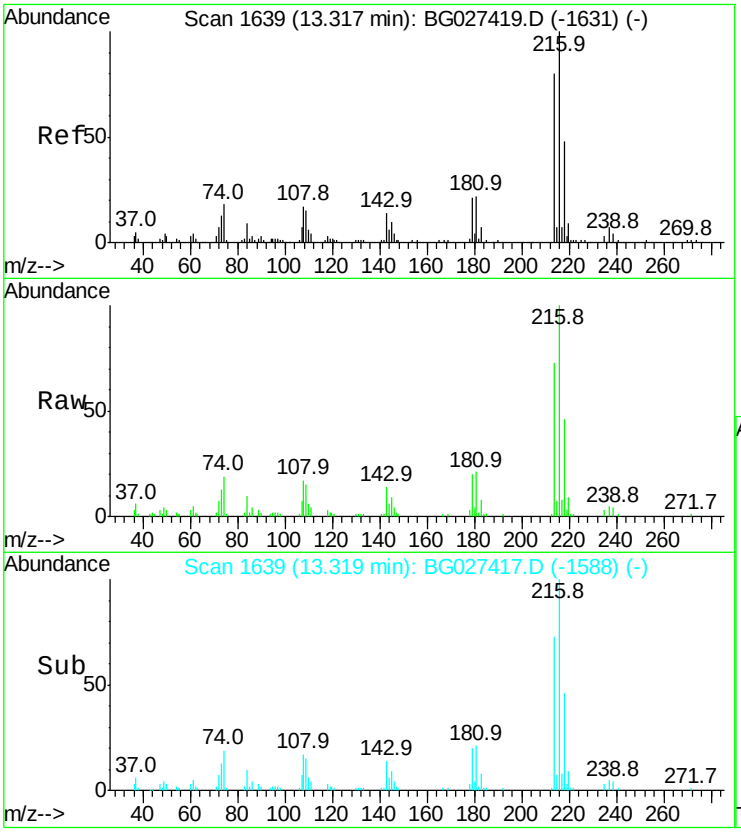


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.11 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:164 Resp: 134967

Ion	Ratio	Lower	Upper
164	100		
162	102.8	85.1	127.7
160	46.1	34.7	52.1

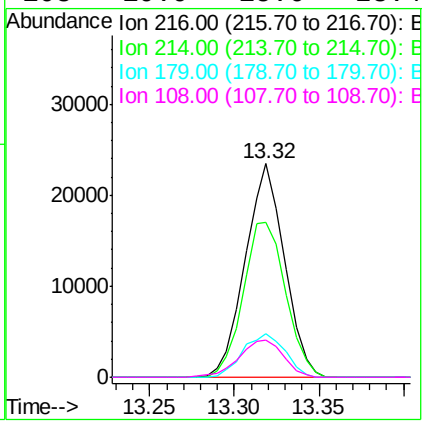




#39
1,2,4,5-Tetrachlorobenzene
Concen: 8.96 ng
RT: 13.32 min Scan# 1639
Delta R.T. 0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:216 Resp: 37678

Ion	Ratio	Lower	Upper
216	100		
214	78.5	64.4	96.6
179	22.0	17.4	26.0
108	19.9	15.6	23.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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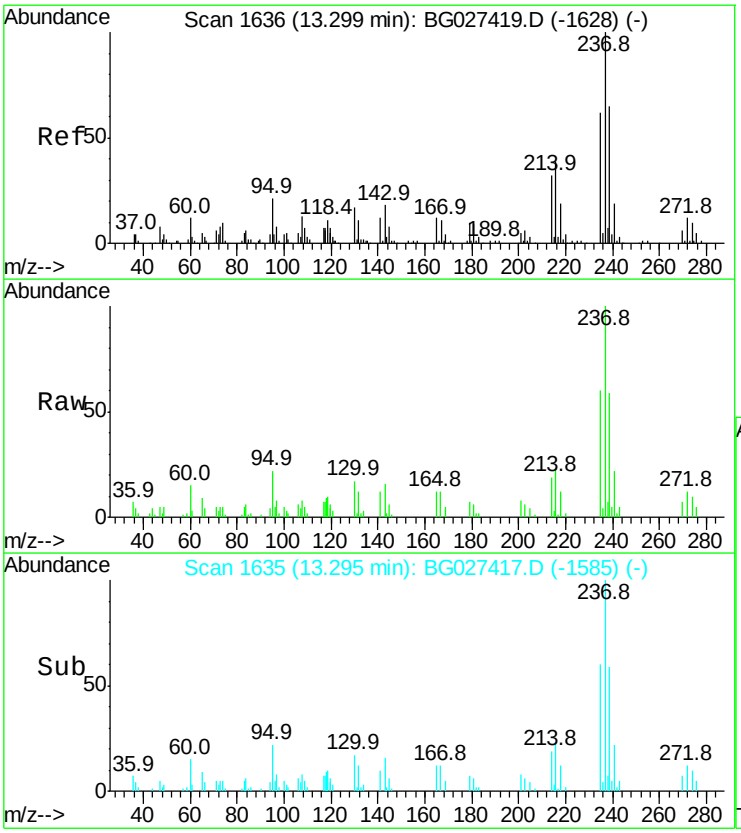
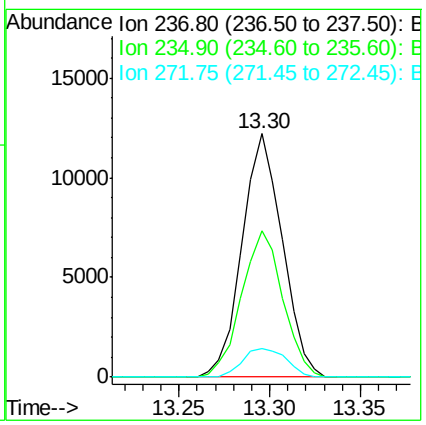
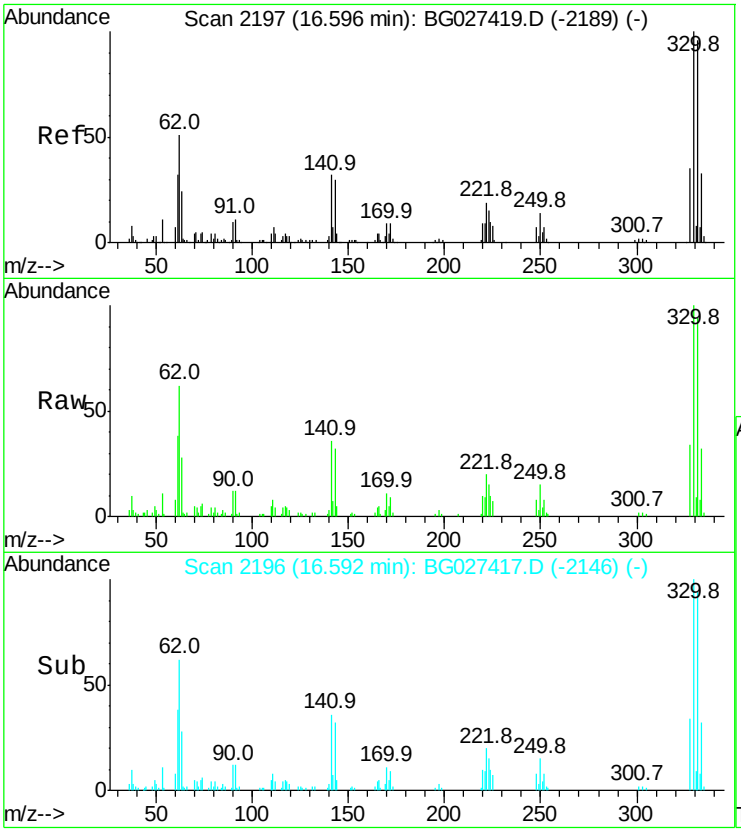


#40
Hexachlorocyclopentadiene
Concen: 8.41 ng
RT: 13.30 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:237 Resp: 18829

Ion	Ratio	Lower	Upper
237	100		
235	59.9	39.4	79.4
272	11.5	0.0	32.0





#41
2,4,6-Tribromophenol
Concen: 21.35 ng
RT: 16.59 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:330 Resp: 37945

Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.3	115.9
141	35.6	32.1	48.1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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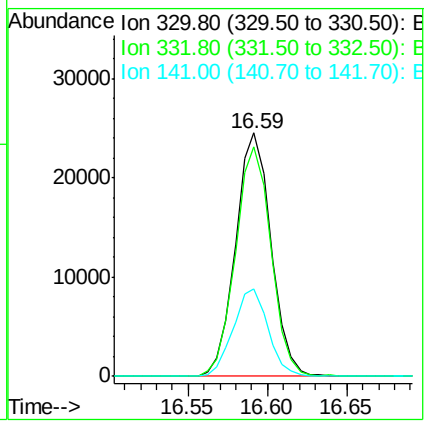
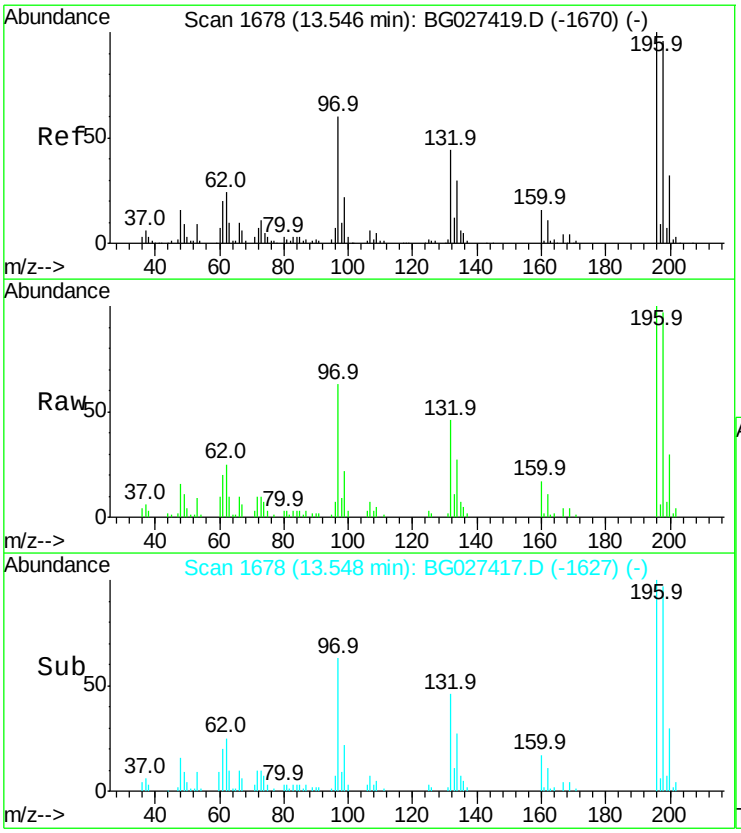
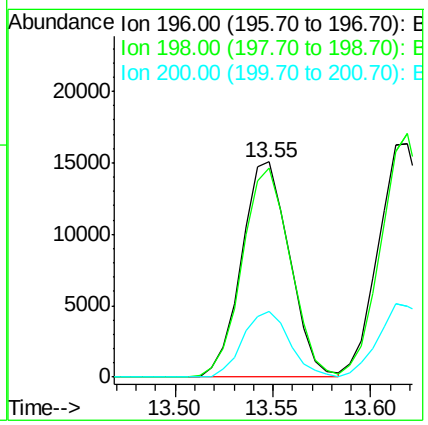


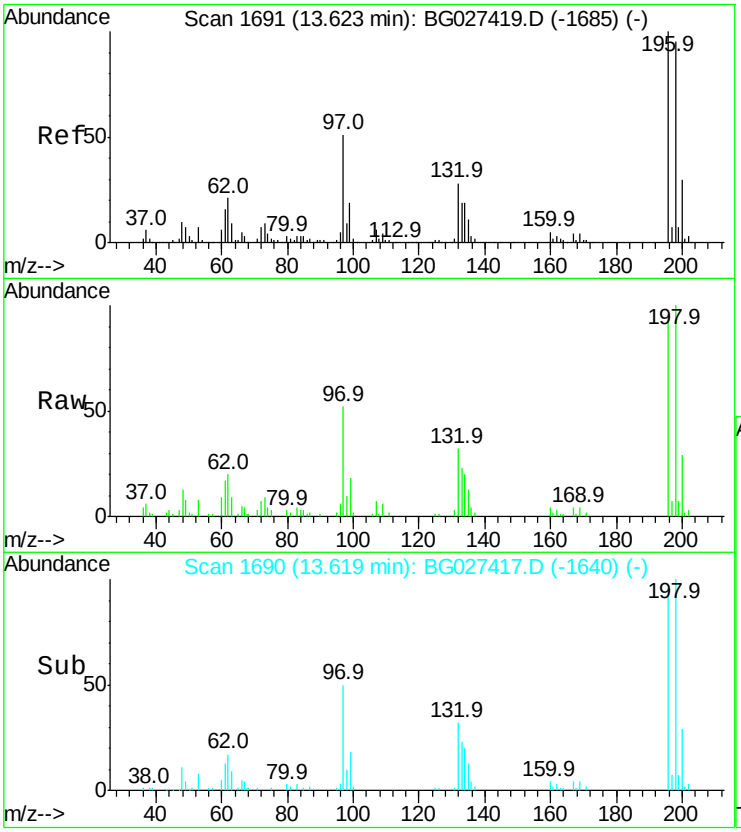


#42
2,4,6-Trichlorophenol
Concen: 10.04 ng
RT: 13.55 min Scan# 1678
Delta R.T. 0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:196 Resp: 25609

Ion	Ratio	Lower	Upper
196	100		
198	97.1	81.4	122.2
200	30.3	27.0	40.6

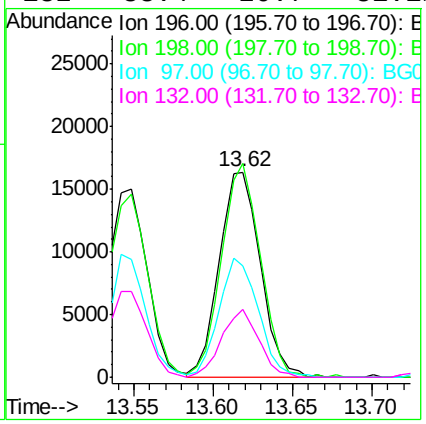




#43
2,4,5-Trichlorophenol
Concen: 10.28 ng
RT: 13.62 min Scan# 1690
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:196 Resp: 29335

Ion	Ratio	Lower	Upper
196	100		
198	104.3	79.9	119.9
97	54.4	45.4	68.0
132	33.4	20.7	31.1#



Instrument :
BNA_G
ClientSampleId :
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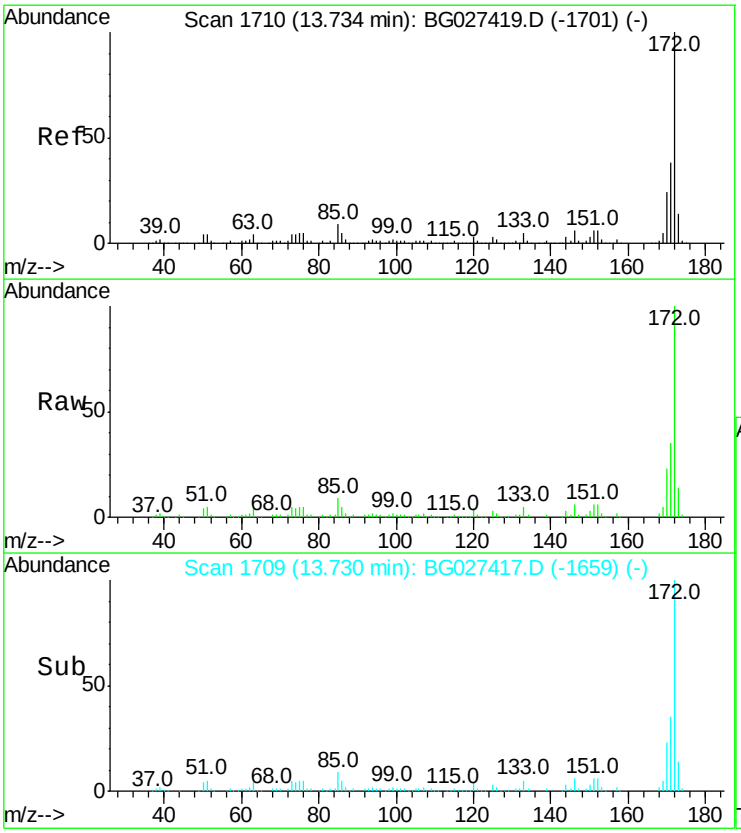
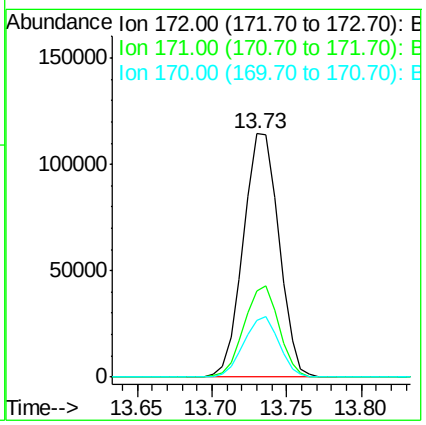
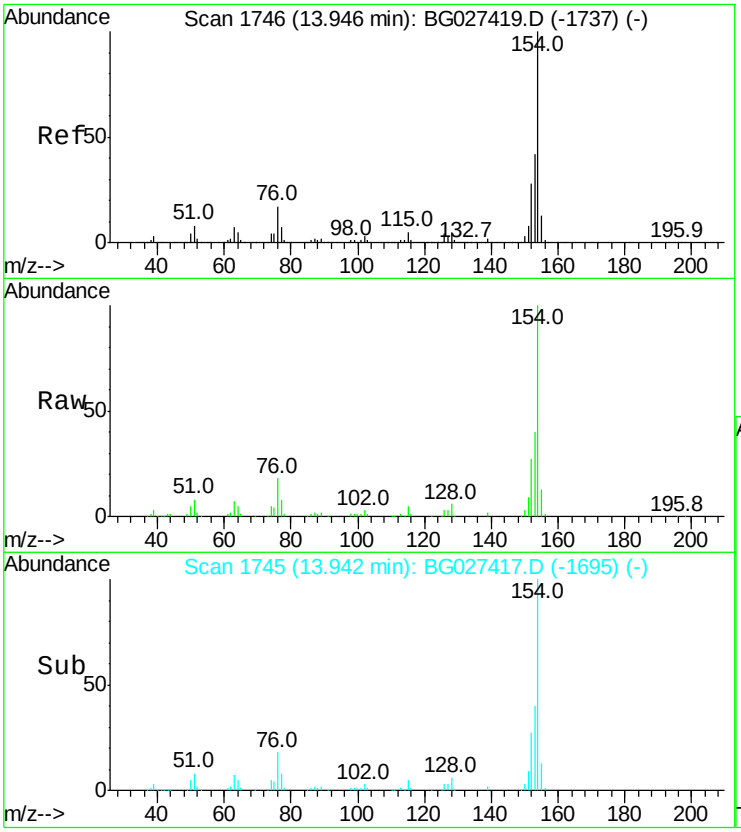


#44
2-Fluorobiphenyl
Concen: 19.58 ng
RT: 13.73 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:172 Resp: 188862

Ion	Ratio	Lower	Upper
172	100		
171	35.2	32.2	48.2
170	23.4	21.8	32.6

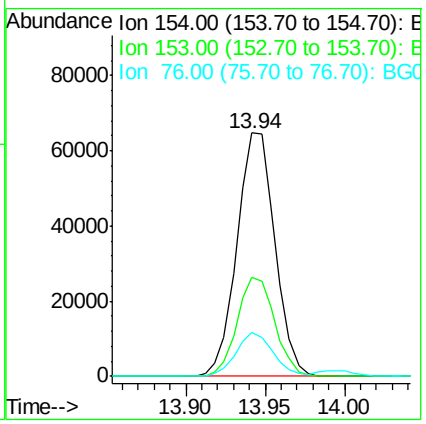




#45
1,1'-Biphenyl
Concen: 9.75 ng
RT: 13.94 min Scan# 1745
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:154 Resp: 107359

Ion	Ratio	Lower	Upper
154	100		
153	40.4	23.0	63.0
76	17.9	0.0	33.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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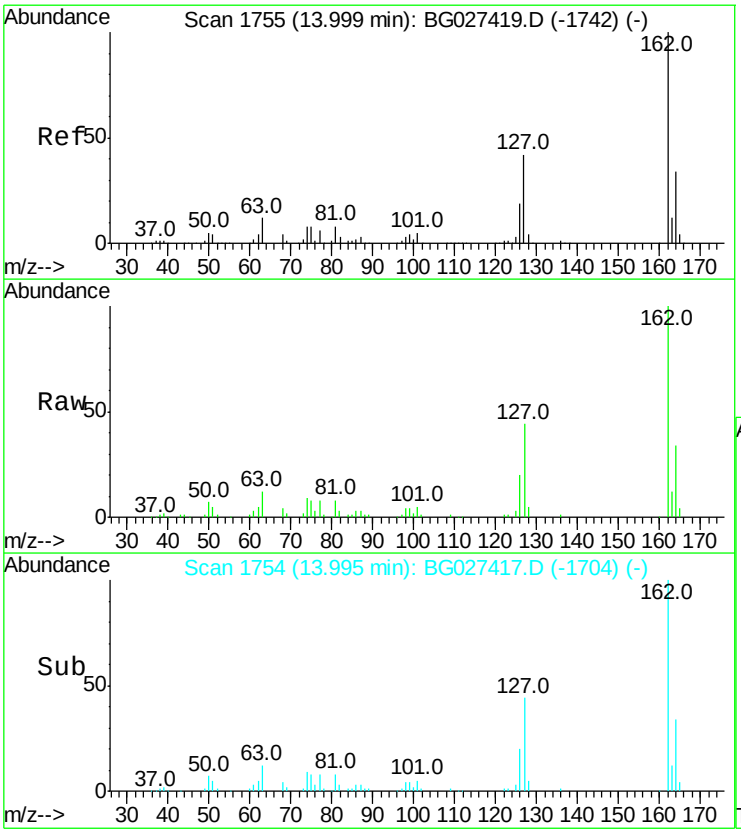
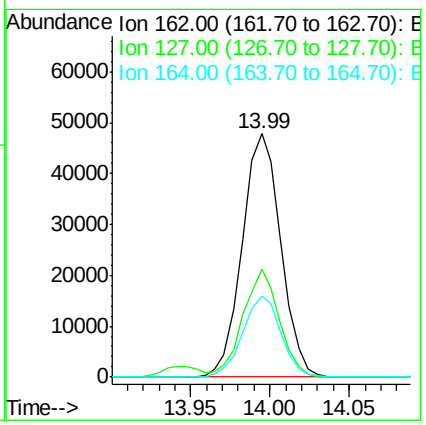
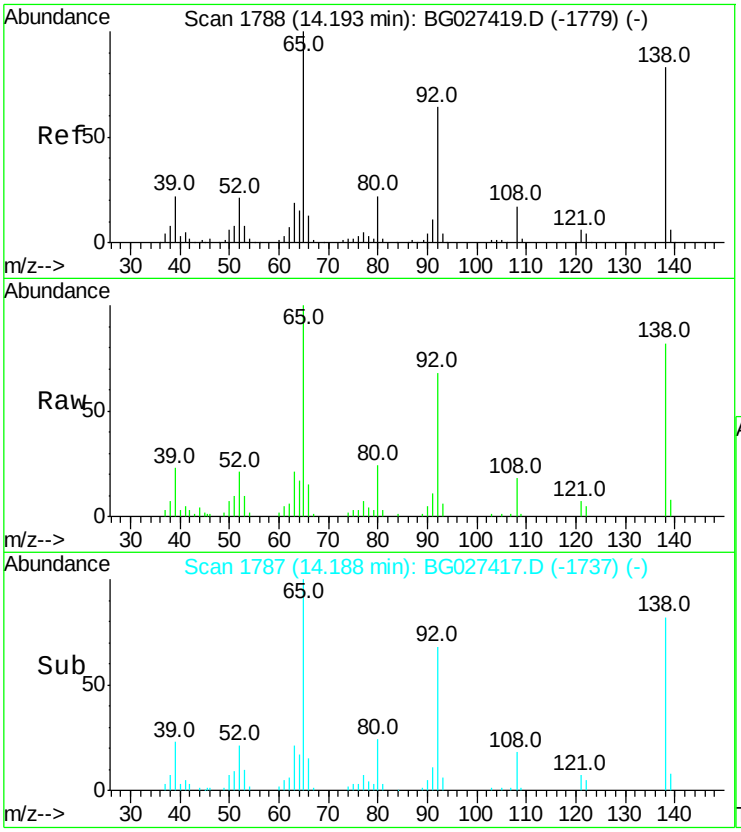


#46
2-Chloronaphthalene
Concen: 9.78 ng
RT: 13.99 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:162 Resp: 80746

Ion	Ratio	Lower	Upper
162	100		
127	44.2	32.2	48.4
164	33.5	27.3	40.9





#47
2-Nitroaniline
Concen: 14.22 ng
RT: 14.19 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion: 65 Resp: 30226

Ion	Ratio	Lower	Upper
65	100		
92	67.9	49.0	73.4
138	82.0	58.6	87.8

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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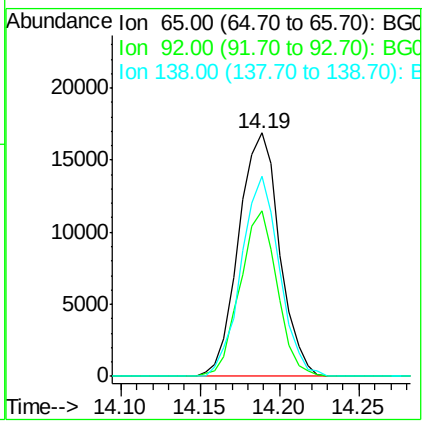
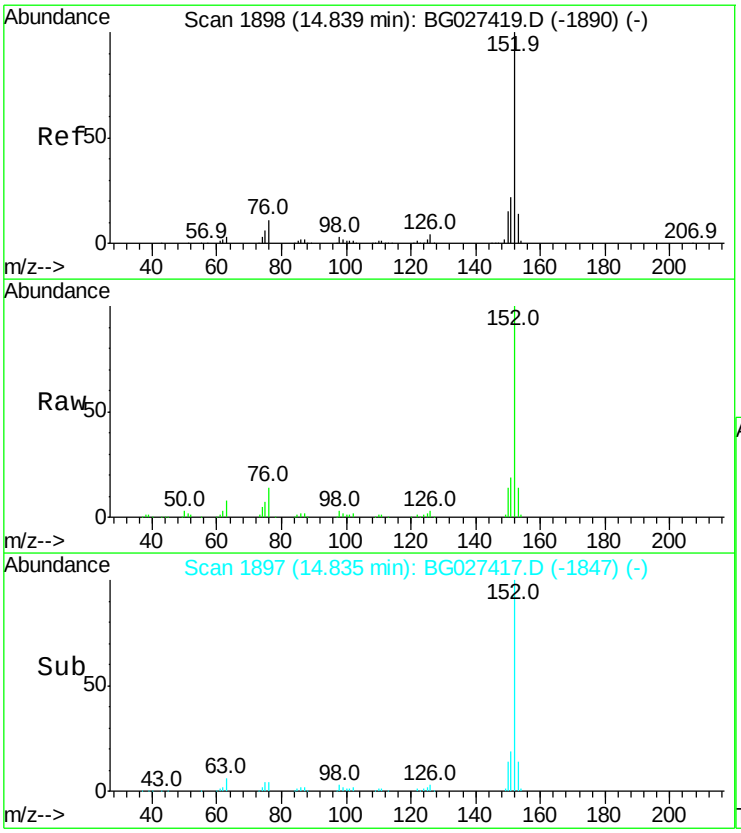
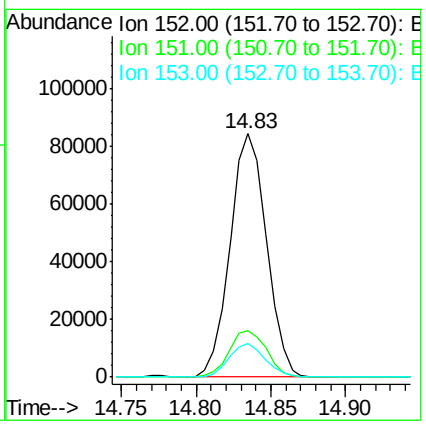


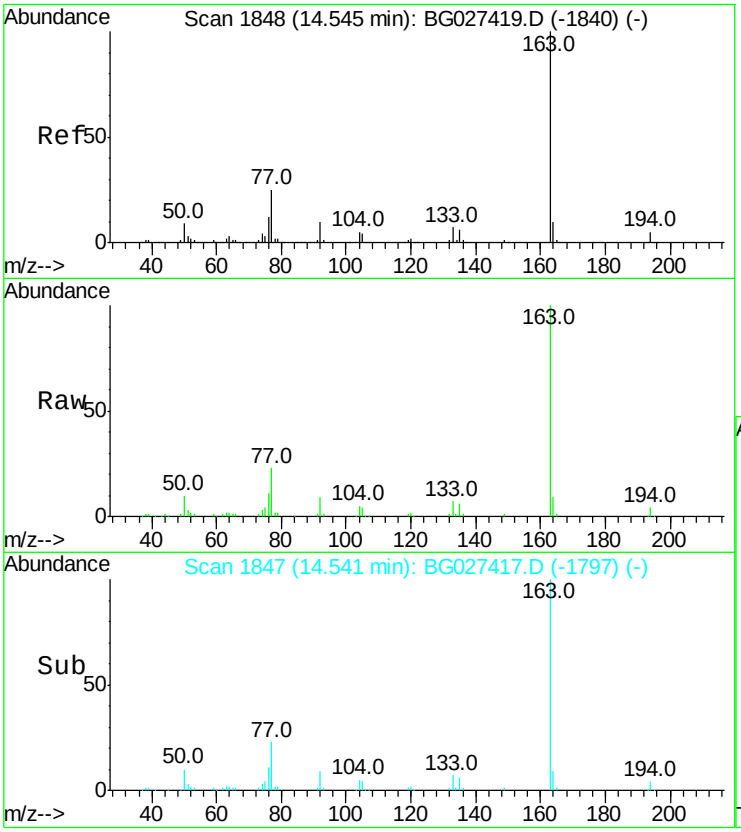


#48
Acenaphthylene
Concen: 10.24 ng
RT: 14.83 min Scan# 1897
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:152 Resp: 143186

Ion	Ratio	Lower	Upper
152	100		
151	19.2	18.2	27.2
153	13.8	11.3	16.9

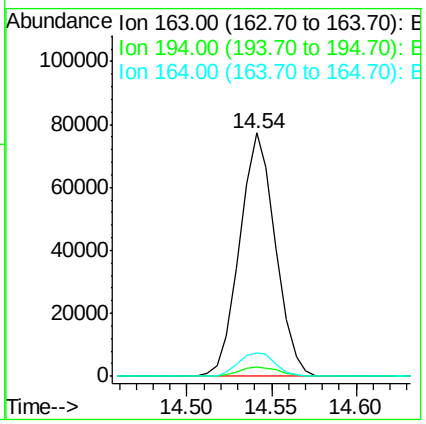




#49
Dimethylphthalate
Concen: 10.61 ng
RT: 14.54 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:163 Resp: 113630

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.8	5.6
164	9.4	9.3	13.9



Instrument :
BNA_G
ClientSampleId :
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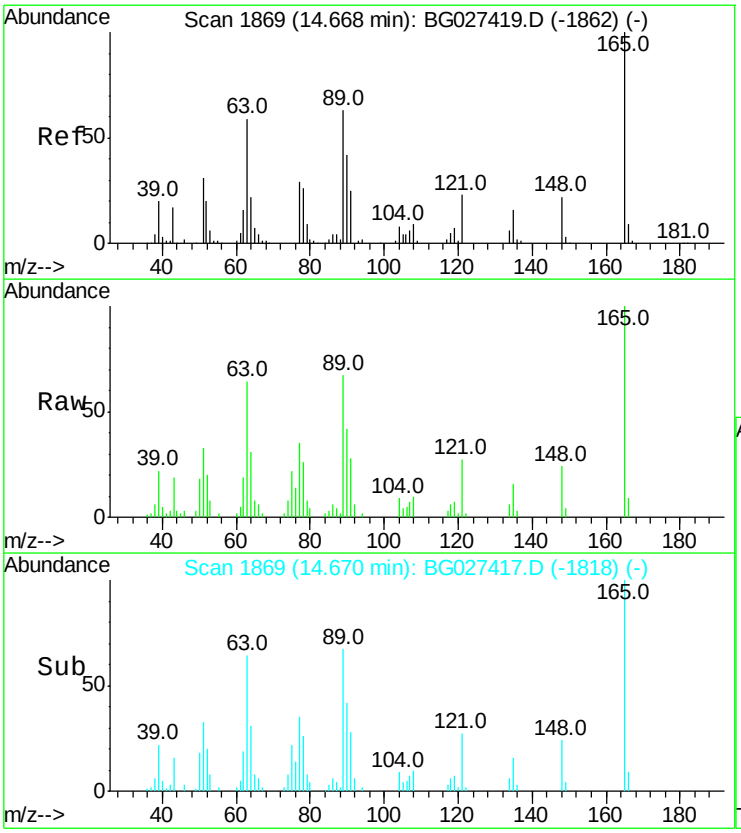
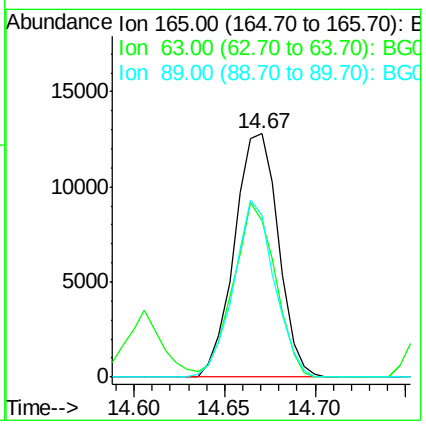
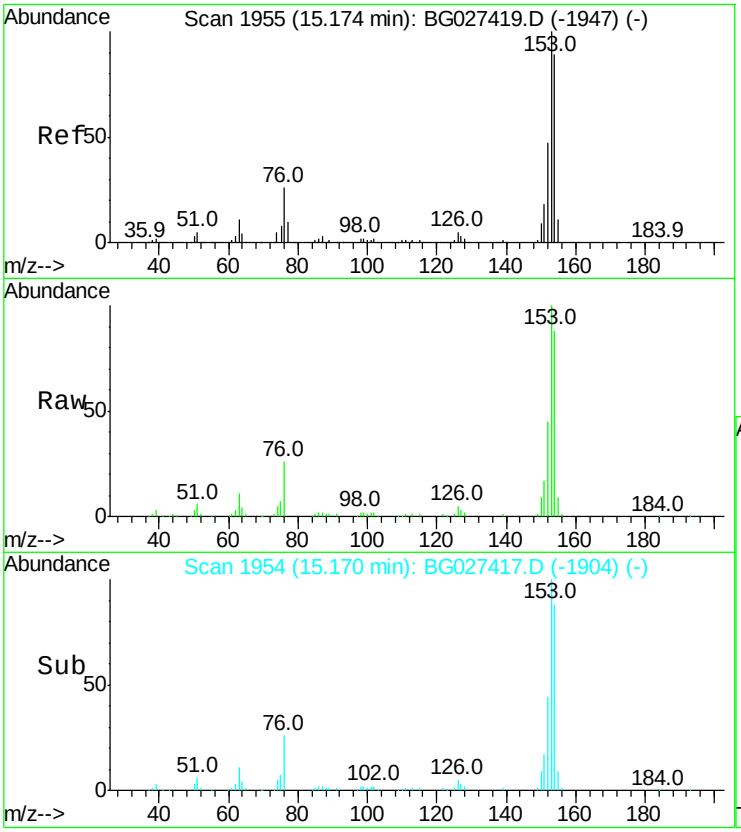


#50
2,6-Dinitrotoluene
Concen: 10.79 ng
RT: 14.67 min Scan# 1869
Delta R.T. 0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:165 Resp: 21519

Ion	Ratio	Lower	Upper
165	100		
63	64.1	63.9	95.9
89	66.6	58.6	88.0

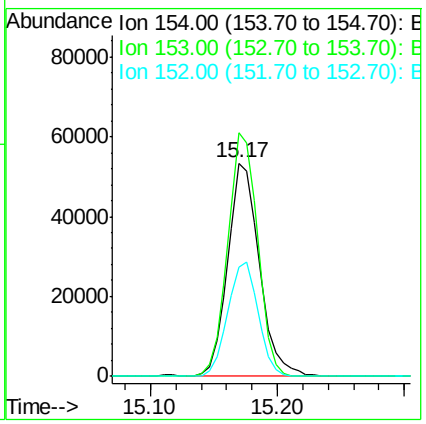




#51
Acenaphthene
Concen: 10.11 ng
RT: 15.17 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:154 Resp: 91913

Ion	Ratio	Lower	Upper
154	100		
153	114.3	87.8	131.6
152	51.0	42.2	63.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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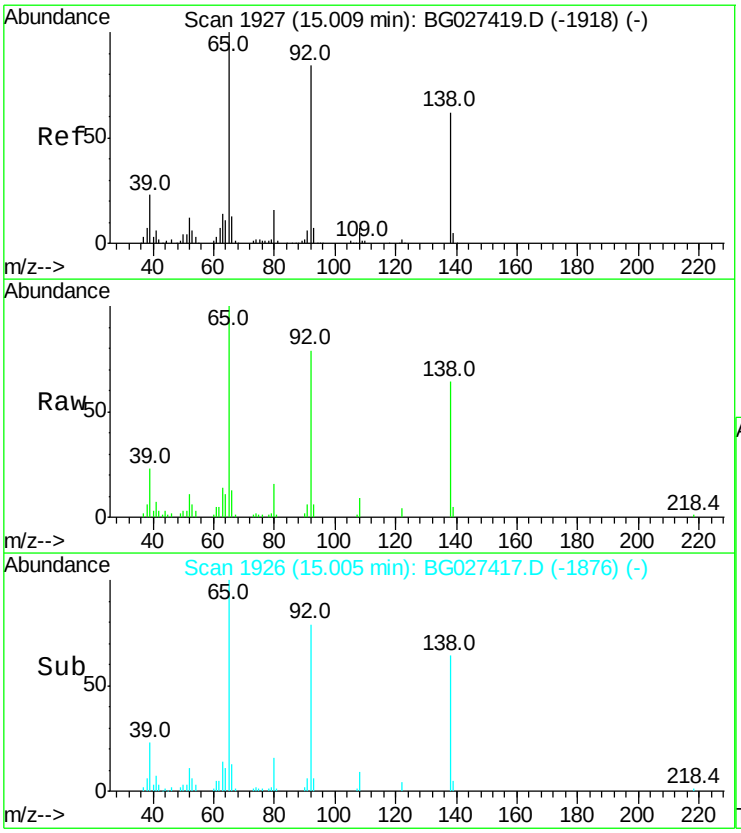
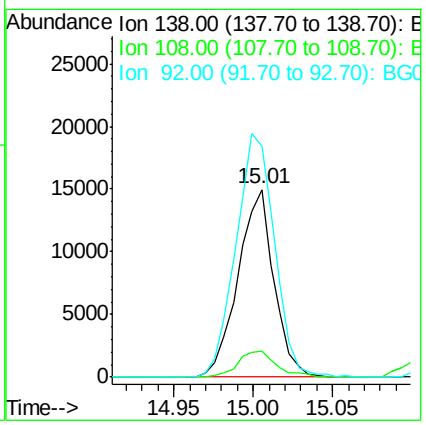
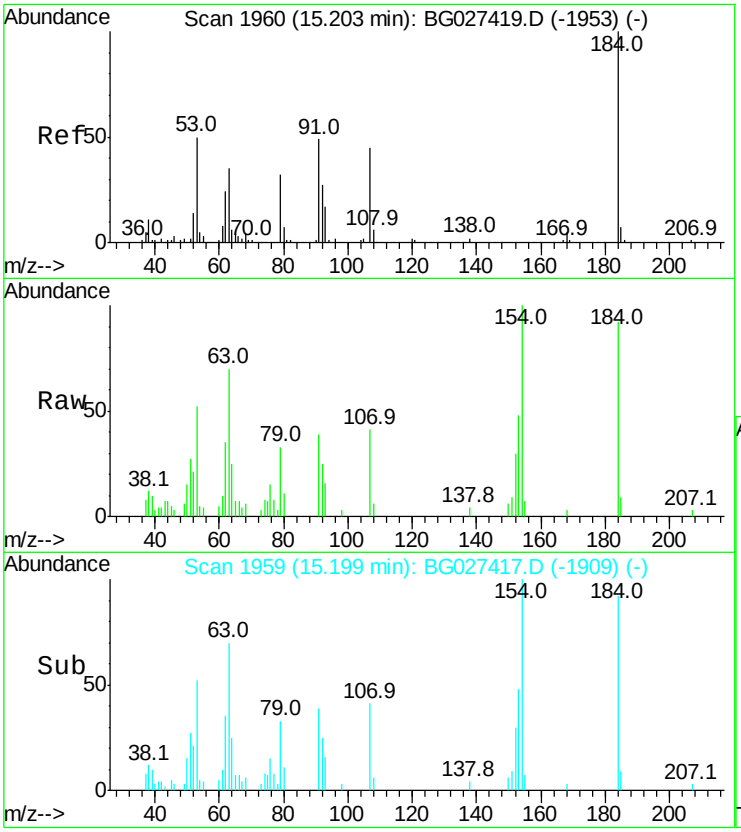


#52
3-Nitroaniline
Concen: 11.14 ng
RT: 15.01 min Scan# 1926
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:138 Resp: 23418

Ion	Ratio	Lower	Upper
138	100		
108	13.7	10.9	16.3
92	123.2	115.3	172.9





#53
2,4-Dinitrophenol
Concen: 11.74 ng
RT: 15.20 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:184 Resp: 9174

Ion	Ratio	Lower	Upper
184	100		
63	75.9	52.7	79.1
154	108.4	57.3	85.9#

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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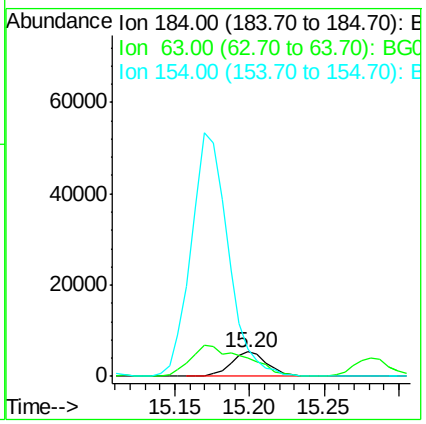
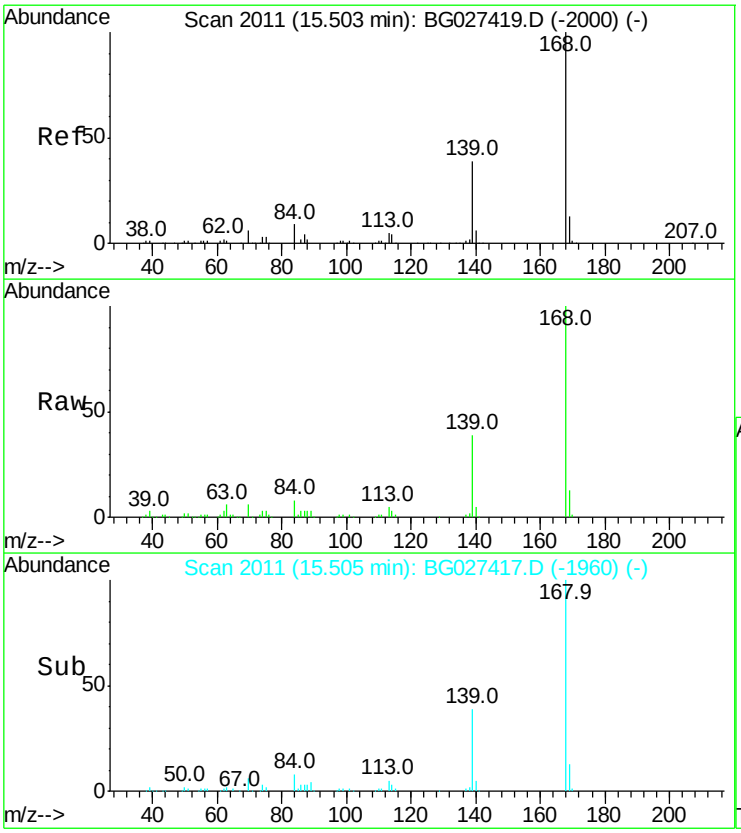
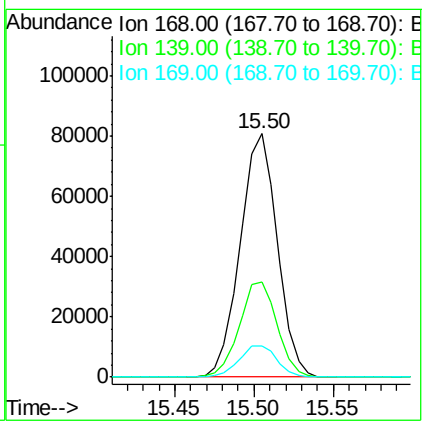


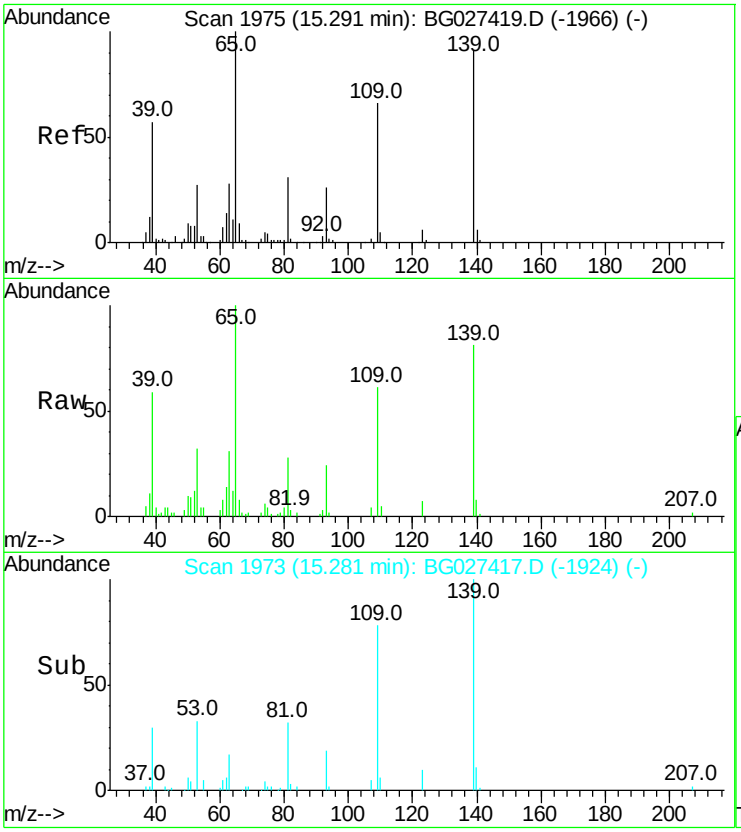


#54
Dibenzofuran
Concen: 10.31 ng
RT: 15.50 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:168 Resp: 131018

Ion	Ratio	Lower	Upper
168	100		
139	39.1	35.3	52.9
169	12.5	11.5	17.3





#55
4-Nitrophenol
Concen: 10.61 ng
RT: 15.28 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:139 Resp: 18516

Ion	Ratio	Lower	Upper
139	100		
109	75.4	101.2	141.2#
65	123.5	135.3	175.3#

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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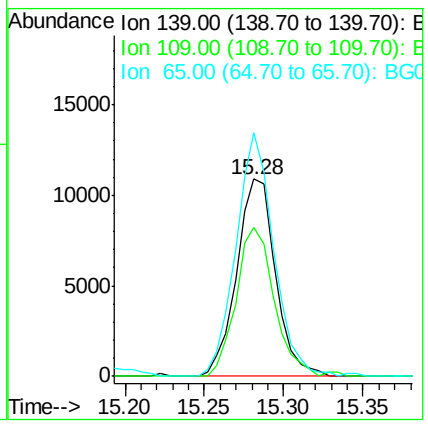
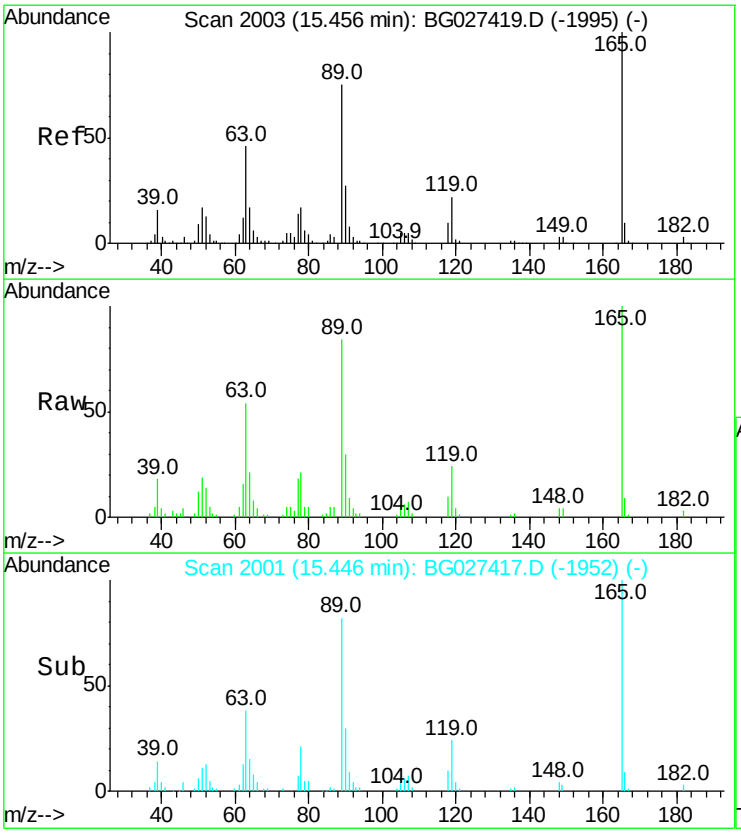
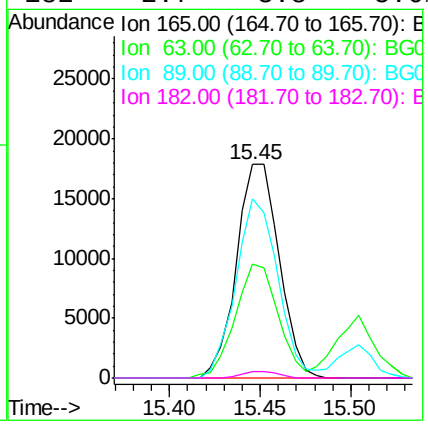


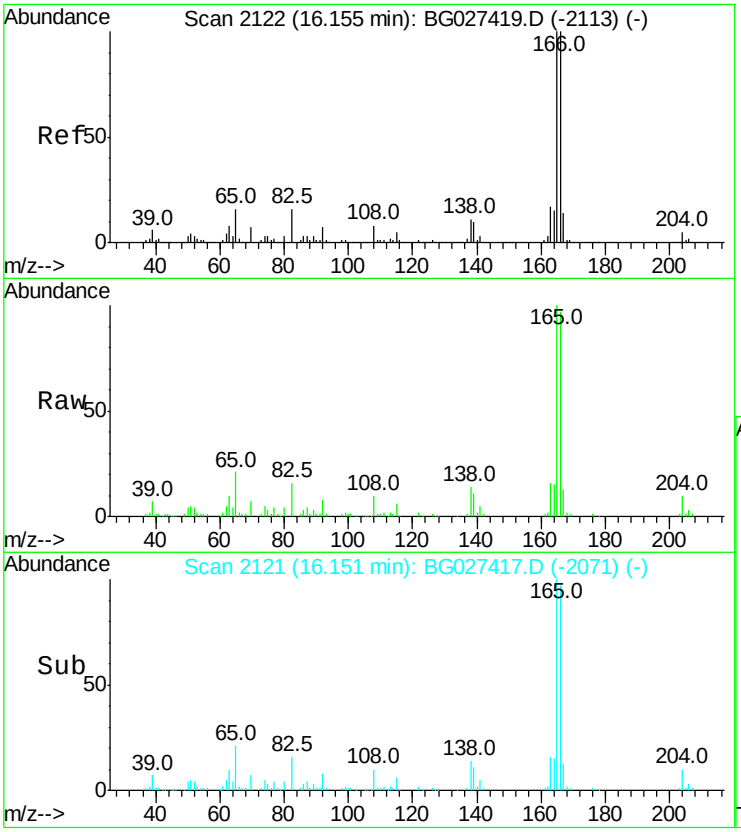


#56
2,4-Dinitrotoluene
Concen: 11.62 ng
RT: 15.45 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:165 Resp: 29228

Ion	Ratio	Lower	Upper
165	100		
63	53.6	44.0	66.0
89	83.7	67.3	100.9
182	2.7	3.8	5.6#

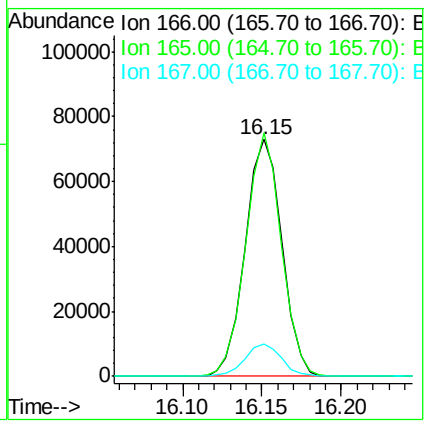




#57
Fluorene
Concen: 10.42 ng
RT: 16.15 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:166 Resp: 117607

Ion	Ratio	Lower	Upper
166	100		
165	102.9	78.6	117.8
167	13.5	11.6	17.4



Instrument :
BNA_G
ClientSampleId :
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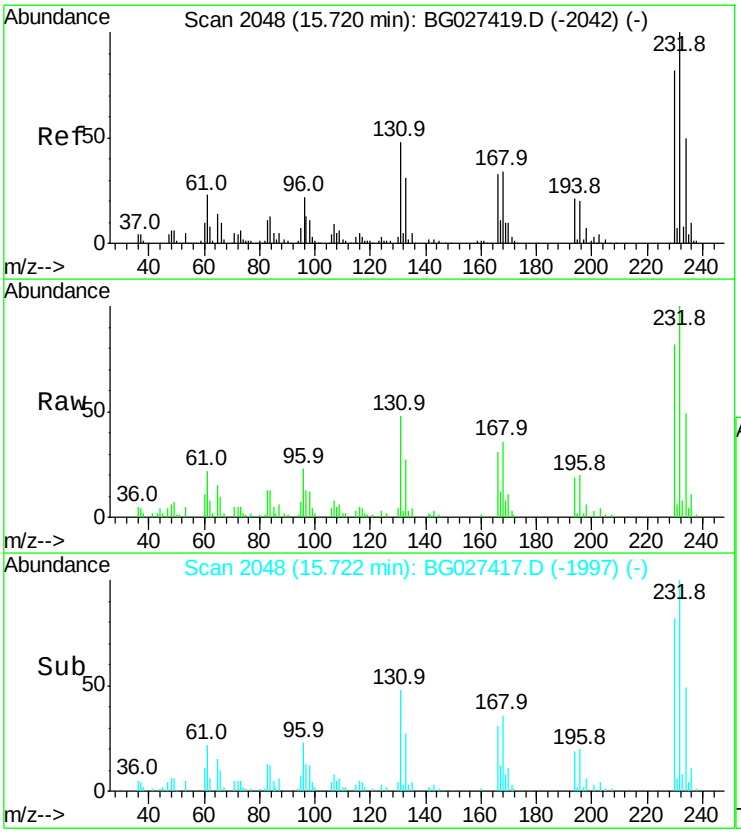
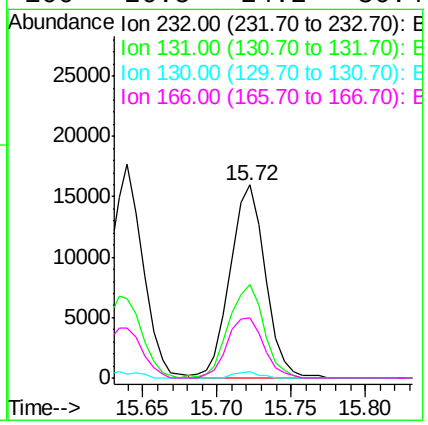
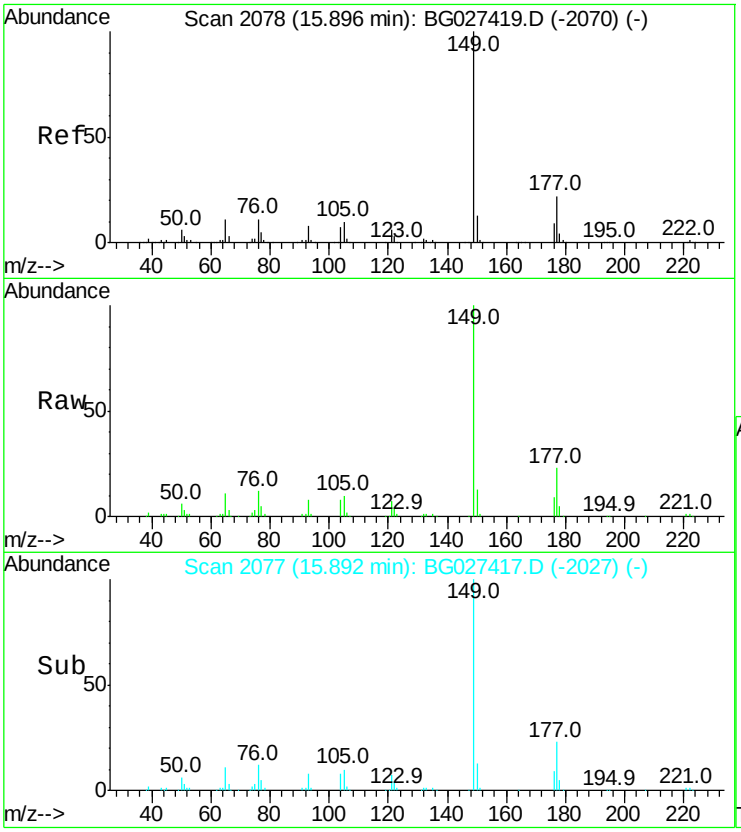


#58
2,3,4,6-Tetrachlorophenol
Concen: 10.35 ng m
RT: 15.72 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:232 Resp: 26366

Ion	Ratio	Lower	Upper
232	100		
131	42.5	34.9	52.3
130	2.5	2.3	3.5
166	26.5	24.2	36.4





#59
Diethylphthalate
Concen: 11.16 ng
RT: 15.89 min Scan# 2077
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:149 Resp: 119192

Ion	Ratio	Lower	Upper
149	100		
177	23.3	20.1	30.1
150	12.9	10.2	15.2

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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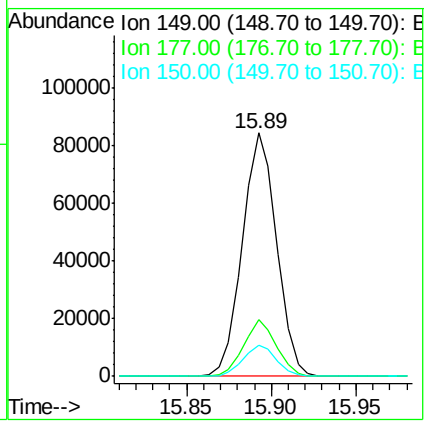
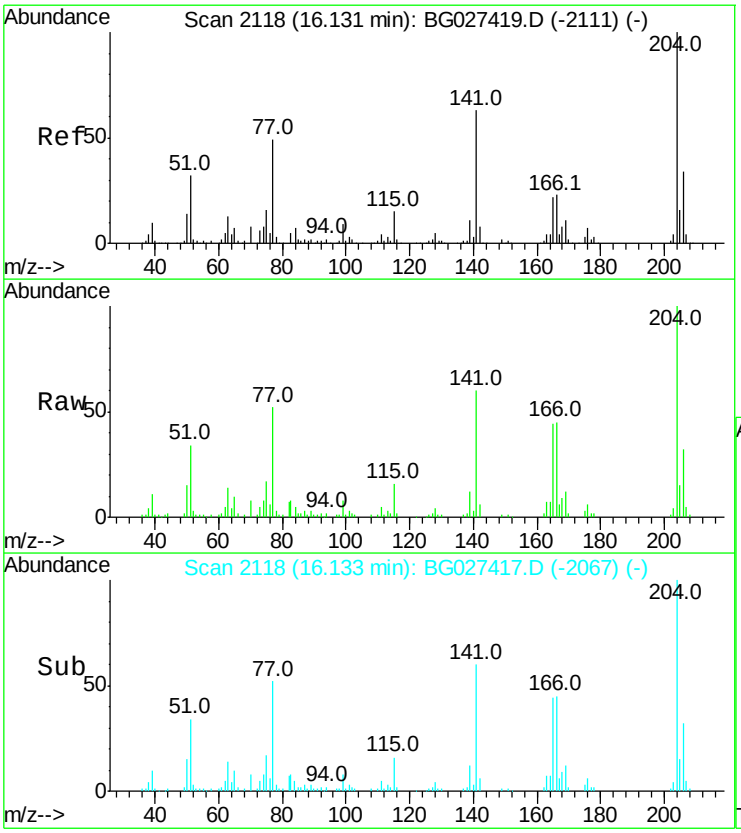
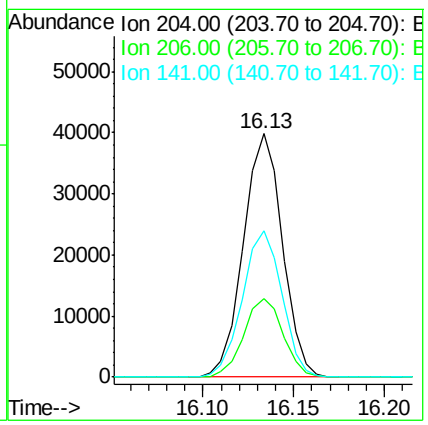


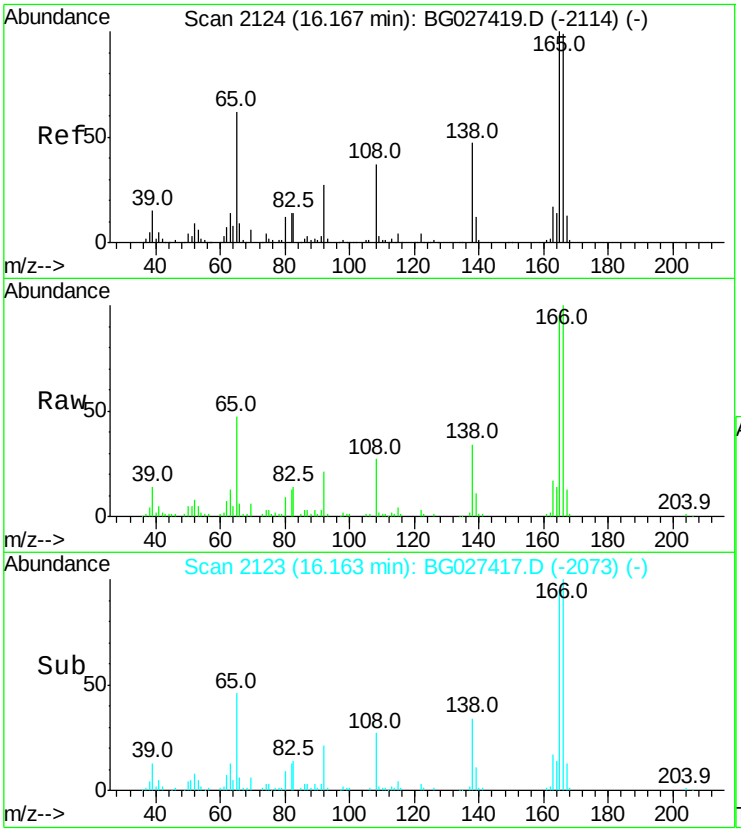


#60
4-Chlorophenyl-phenylether
Concen: 10.47 ng
RT: 16.13 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:204 Resp: 59506

Ion	Ratio	Lower	Upper
204	100		
206	32.4	30.1	45.1
141	60.0	50.6	76.0





#61
4-Nitroaniline
Concen: 11.63 ng
RT: 16.16 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:138 Resp: 24731

Ion	Ratio	Lower	Upper
138	100		
92	60.3	44.2	84.2
108	78.5	104.8	144.8#

Instrument :
BNA_G
ClientSampleId :
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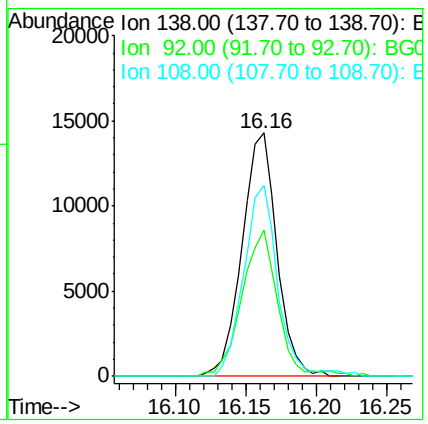
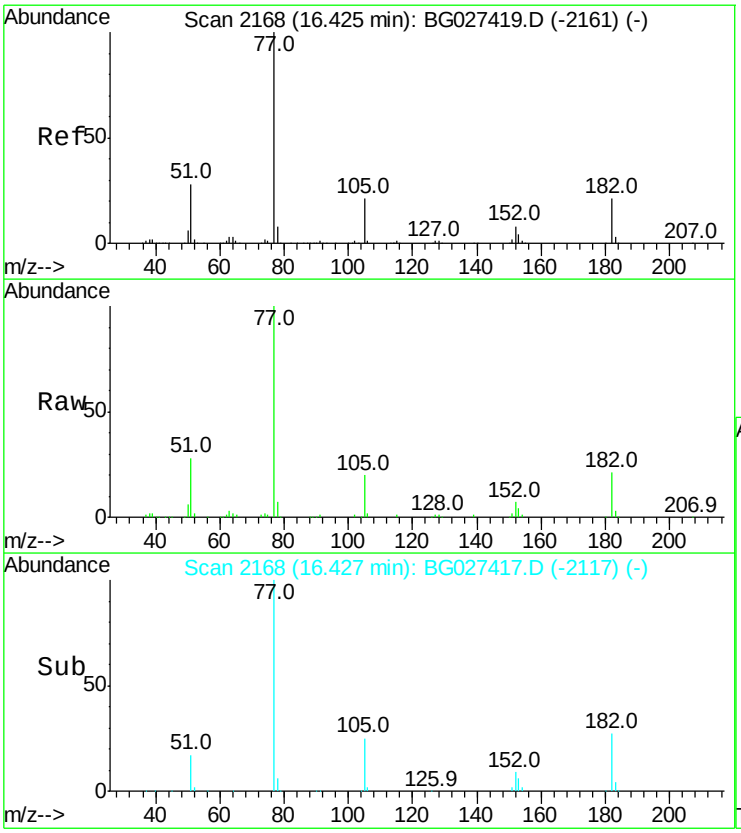
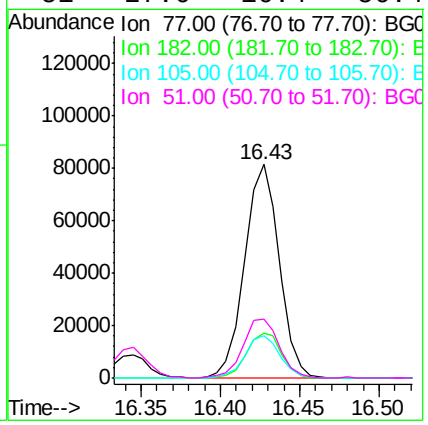


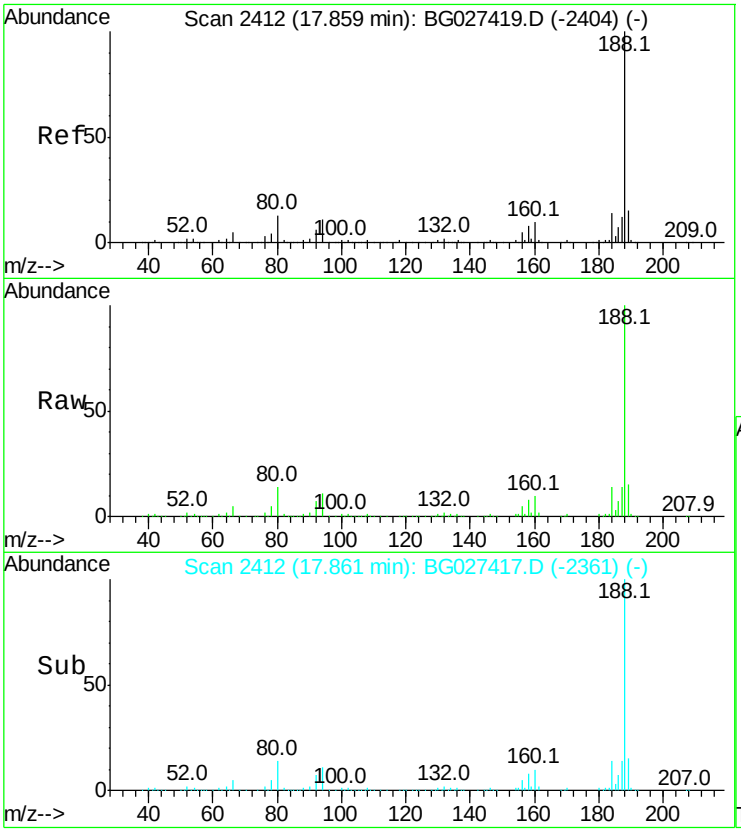


#62
Azobenzene
Concen: 12.46 ng
RT: 16.43 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion: 77 Resp: 123317

Ion	Ratio	Lower	Upper
77	100		
182	20.8	4.7	44.7
105	19.9	0.0	36.3
51	27.6	16.4	56.4





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.86 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:188 Resp: 331212

Ion	Ratio	Lower	Upper
188	100		
94	10.9	5.8	8.8#
80	13.6	7.5	11.3#

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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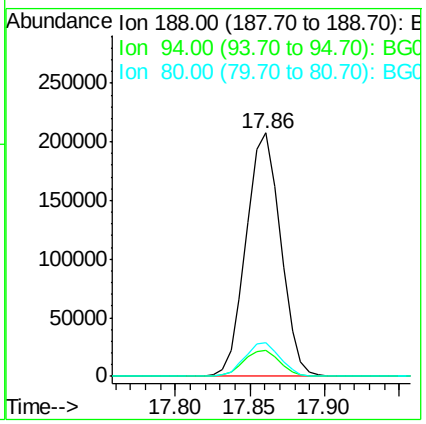
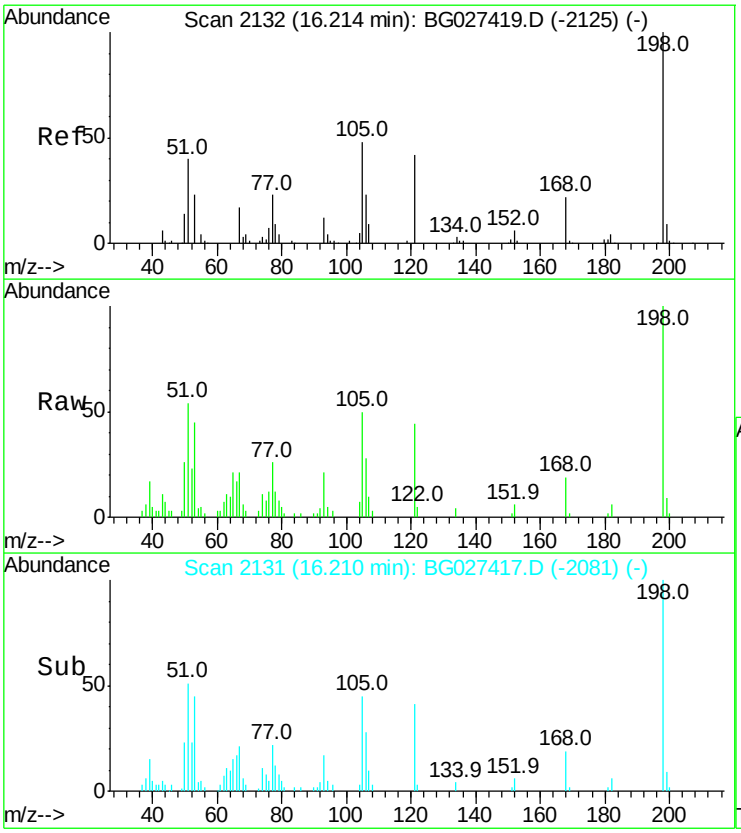
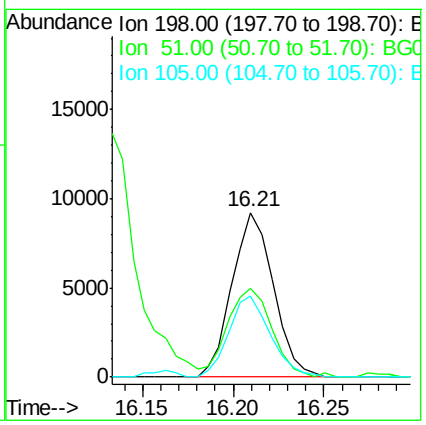


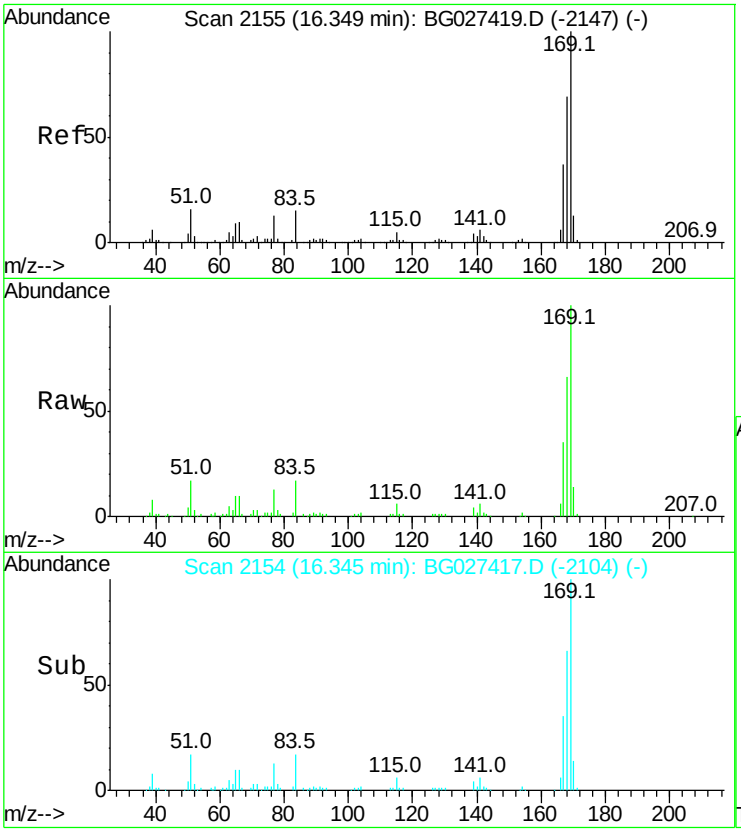


#64
4,6-Dinitro-2-methylphenol
Concen: 10.82 ng
RT: 16.21 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:198 Resp: 14639

Ion	Ratio	Lower	Upper
198	100		
51	53.9	22.6	62.6
105	49.5	14.4	54.4

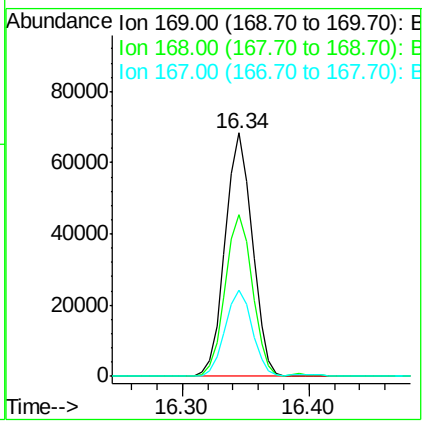




#65
n-Nitrosodiphenylamine
Concen: 9.77 ng
RT: 16.34 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:169 Resp: 101415

Ion	Ratio	Lower	Upper
169	100		
168	66.3	55.7	83.5
167	35.3	29.8	44.6



Instrument :
BNA_G
ClientSampleId :
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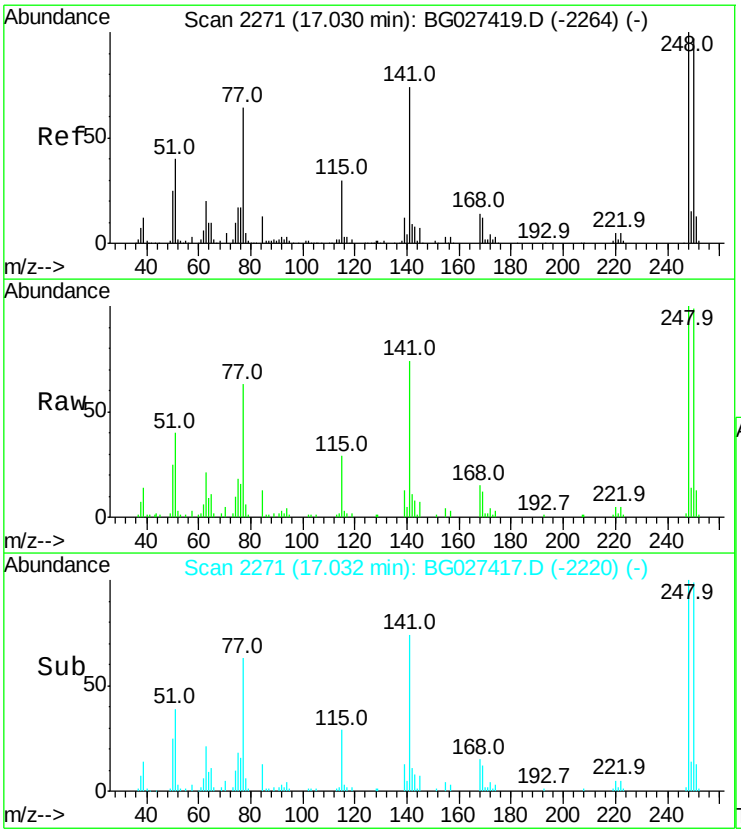
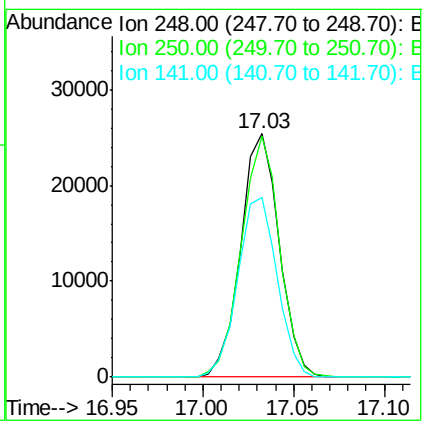
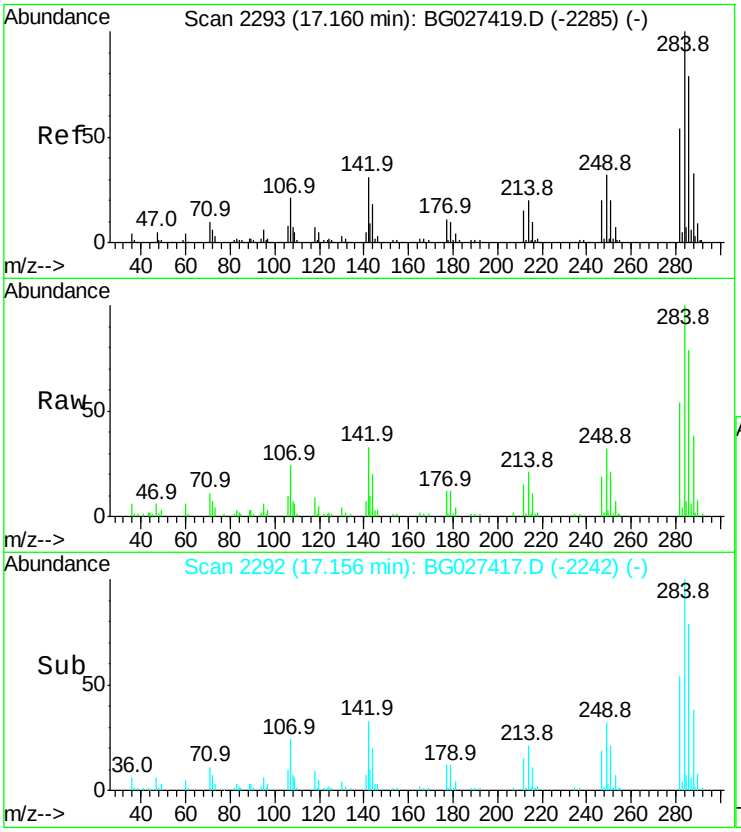


#66
4-Bromophenyl-phenylether
Concen: 9.53 ng
RT: 17.03 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:248 Resp: 37344

Ion	Ratio	Lower	Upper
248	100		
250	98.8	75.0	112.6
141	73.8	55.2	82.8

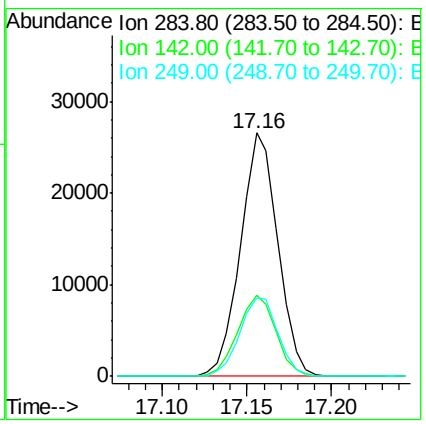




#67
Hexachlorobenzene
Concen: 9.69 ng
RT: 17.16 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:284 Resp: 40848

Ion	Ratio	Lower	Upper
284	100		
142	33.1	29.9	44.9
249	35.3	29.2	43.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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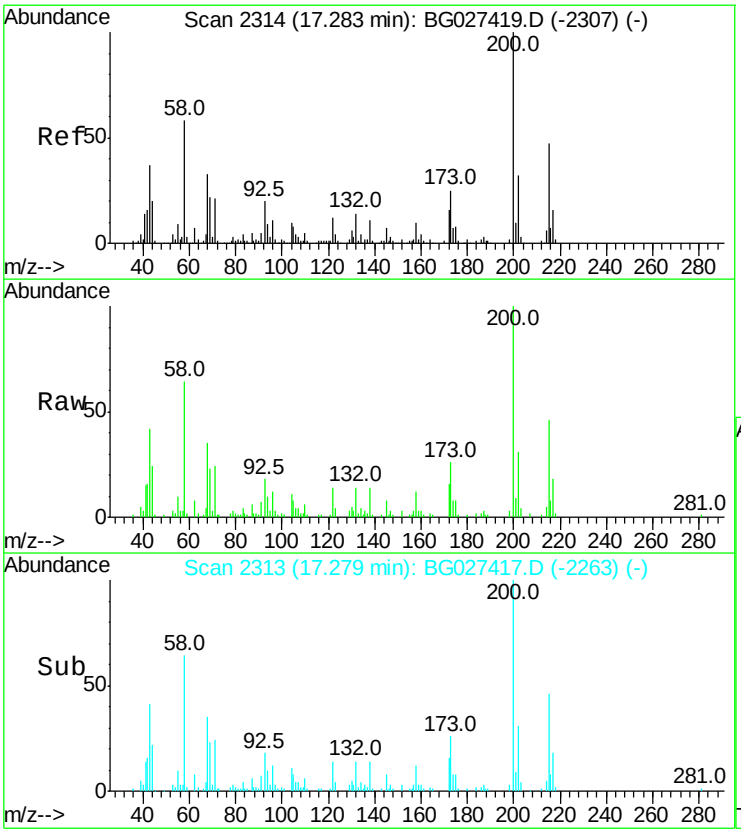
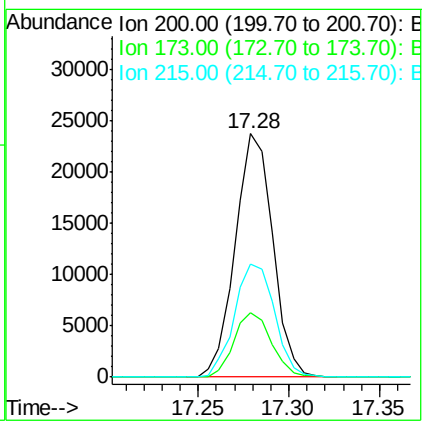
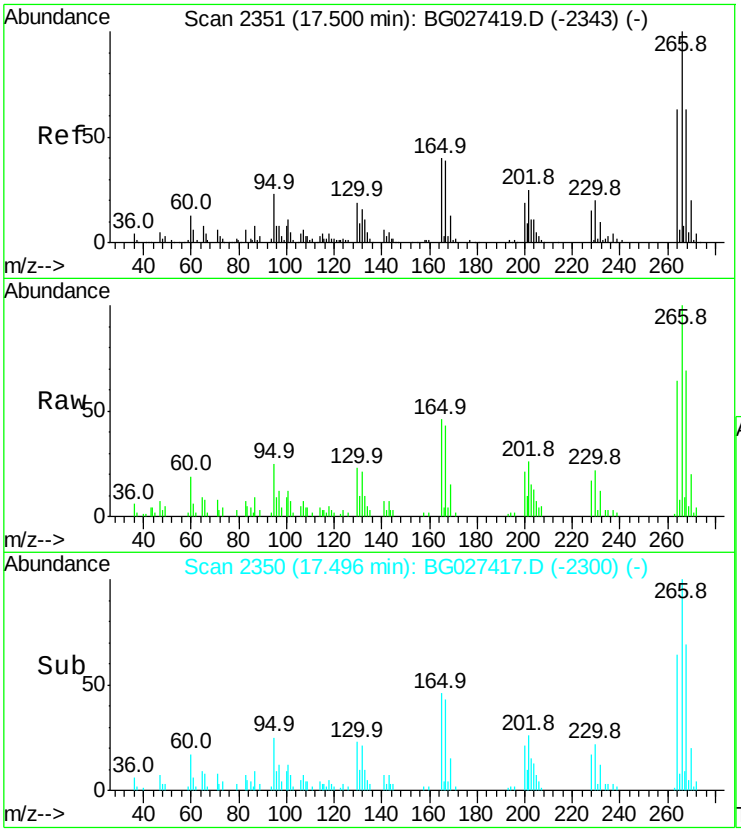


#68
Atrazine
Concen: 9.87 ng
RT: 17.28 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:200 Resp: 34265

Ion	Ratio	Lower	Upper
200	100		
173	26.4	3.0	43.0
215	46.2	28.4	68.4





#69
Pentachlorophenol
Concen: 8.19 ng
RT: 17.50 min Scan# 2350
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:266 Resp: 20250

Ion	Ratio	Lower	Upper
266	100		
268	69.3	48.6	72.8
264	64.0	50.1	75.1

Instrument :
BNA_G
ClientSampleId :
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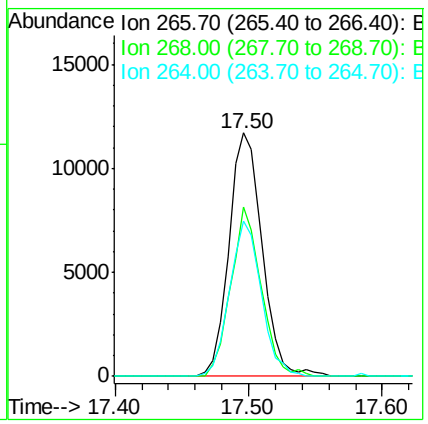
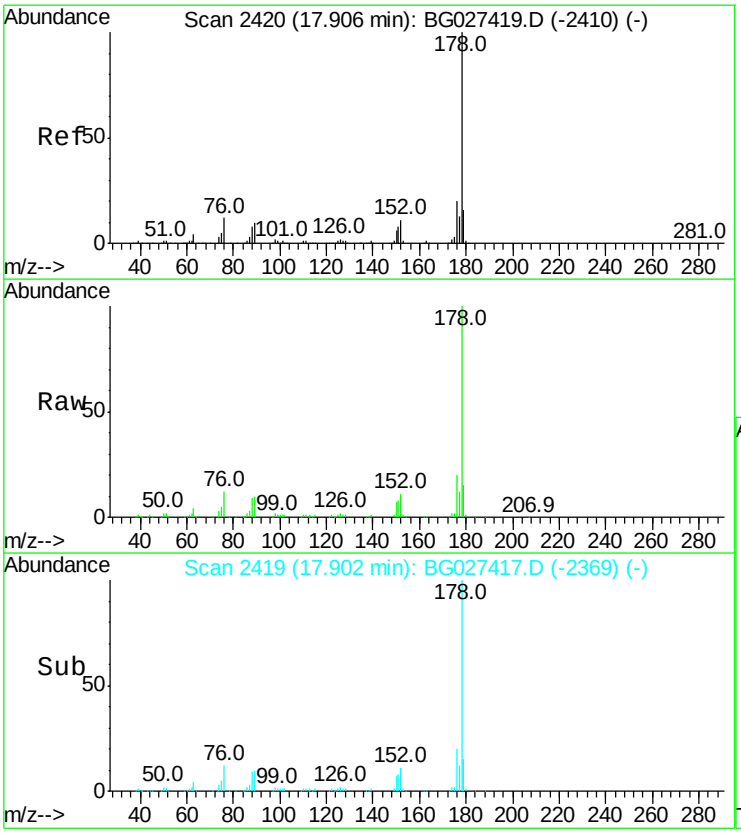
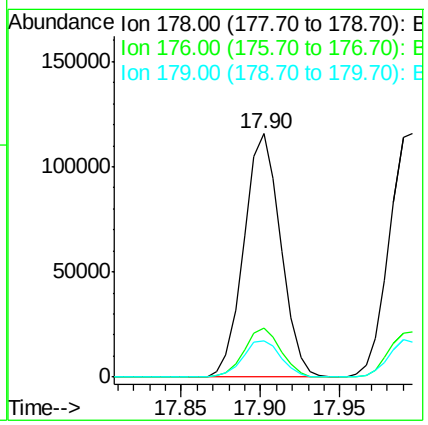


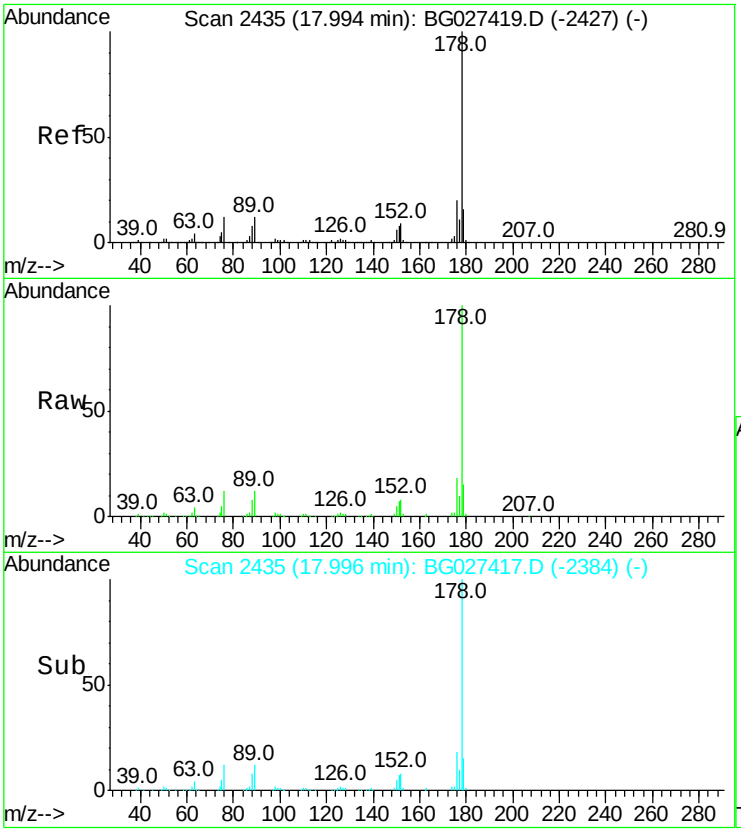


#70
Phenanthrene
Concen: 10.01 ng
RT: 17.90 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:178 Resp: 186453

Ion	Ratio	Lower	Upper
178	100		
176	19.9	17.7	26.5
179	14.8	15.0	22.6#

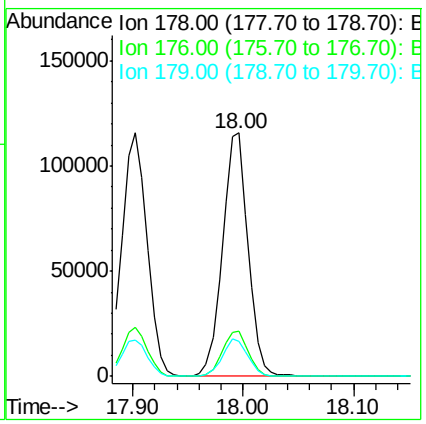




#71
Anthracene
Concen: 10.01 ng
RT: 18.00 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:178 Resp: 186937

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.4	24.6
179	14.6	13.8	20.8



Instrument :
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ClientSampleId :
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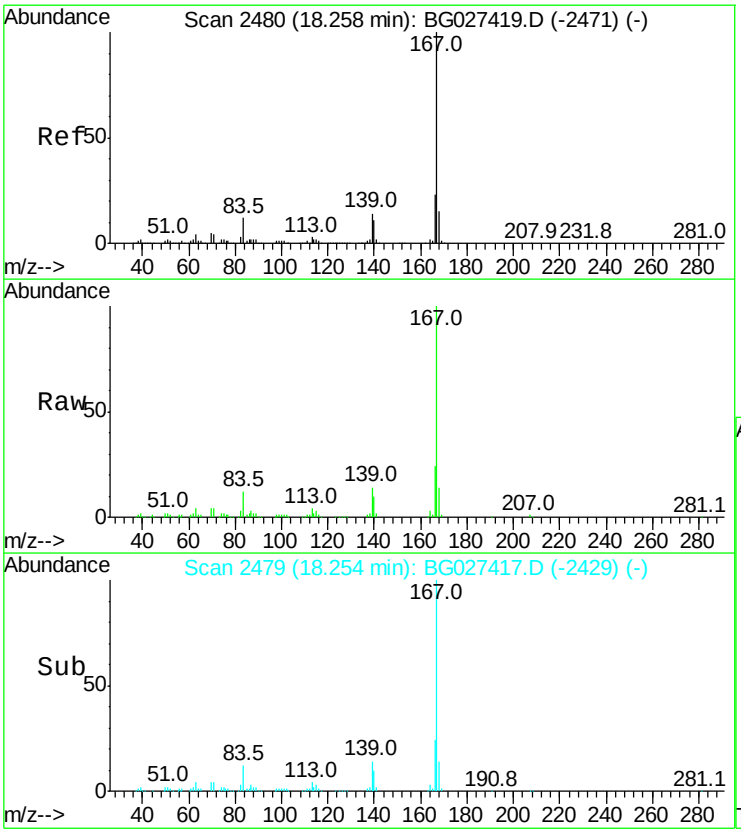
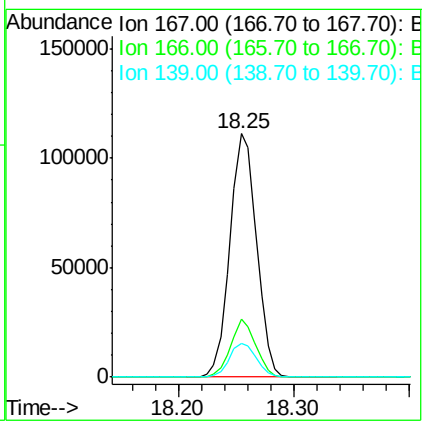
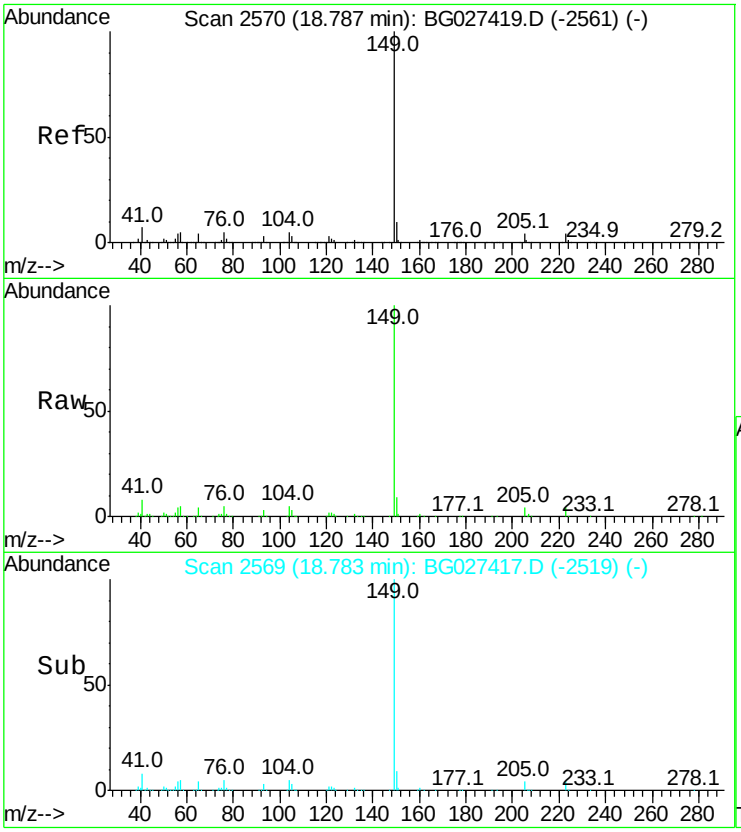


#72
Carbazole
Concen: 10.11 ng
RT: 18.25 min Scan# 2479
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:167 Resp: 177936

Ion	Ratio	Lower	Upper
167	100		
166	23.6	20.2	30.2
139	14.0	12.8	19.2

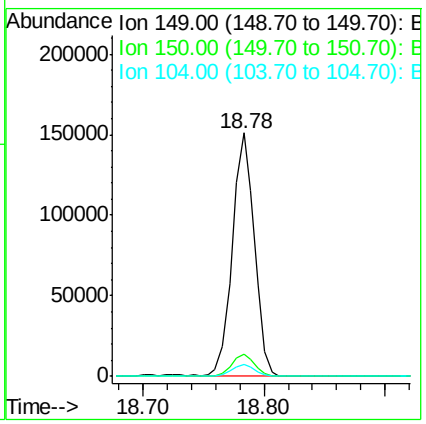




#73
Di-n-butylphthalate
Concen: 11.26 ng
RT: 18.78 min Scan# 2569
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:149 Resp: 192248

Ion	Ratio	Lower	Upper
149	100		
150	9.0	9.1	13.7#
104	5.1	6.7	10.1#



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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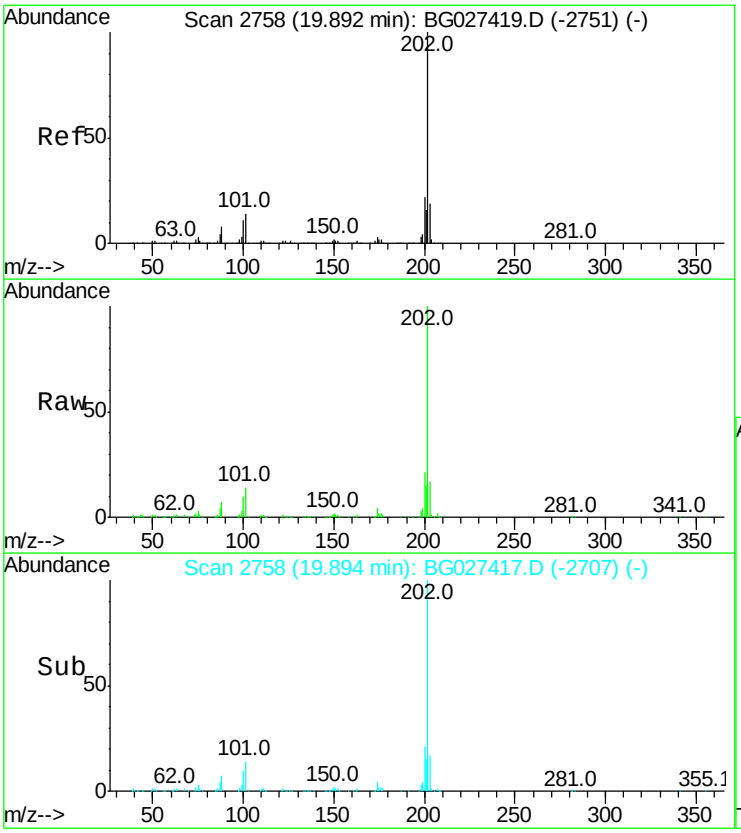
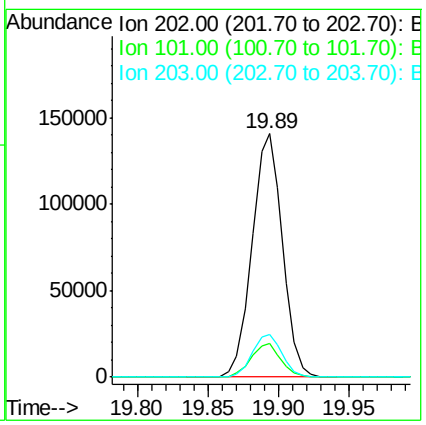
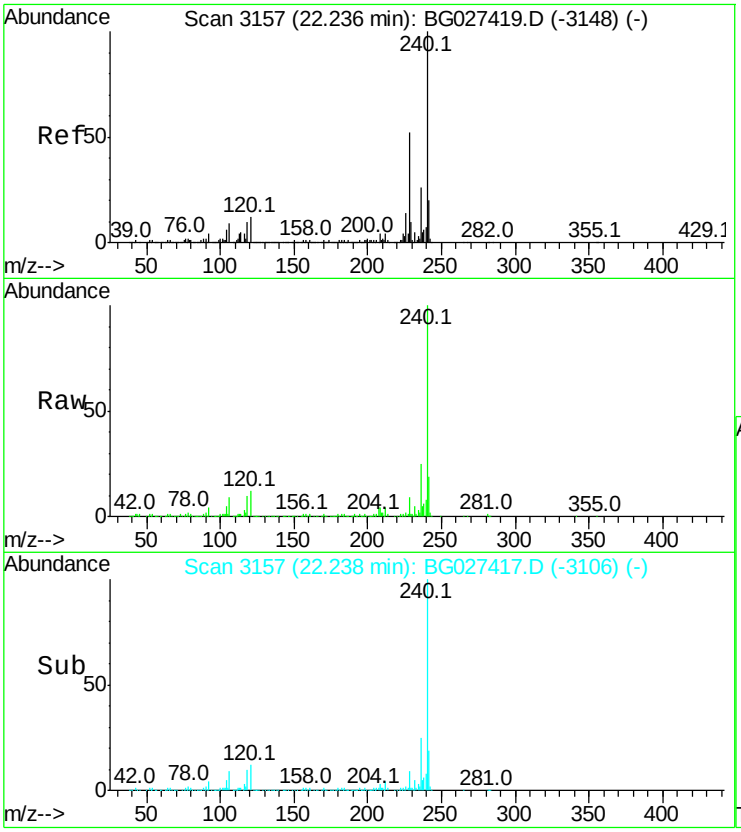


#74
Fluoranthene
Concen: 10.68 ng
RT: 19.89 min Scan# 2758
Delta R.T. 0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:202 Resp: 212528

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	30.1
203	17.3	1.3	41.3





#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.24 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:240 Resp: 396318

Ion	Ratio	Lower	Upper
240	100		
120	11.8	5.7	8.5#
236	25.2	22.2	33.4

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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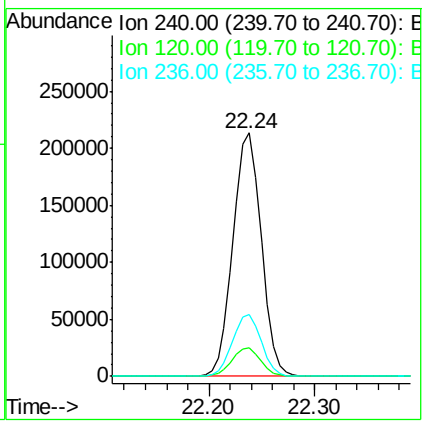
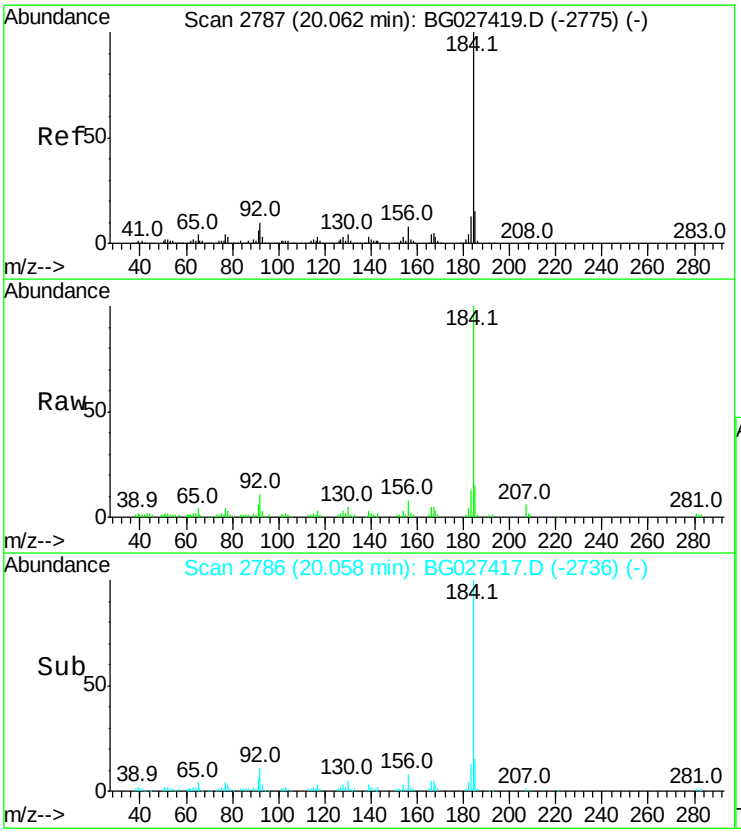
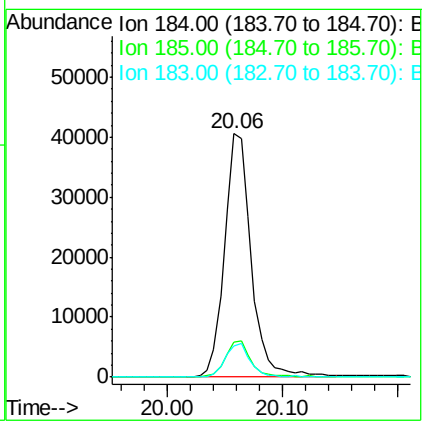


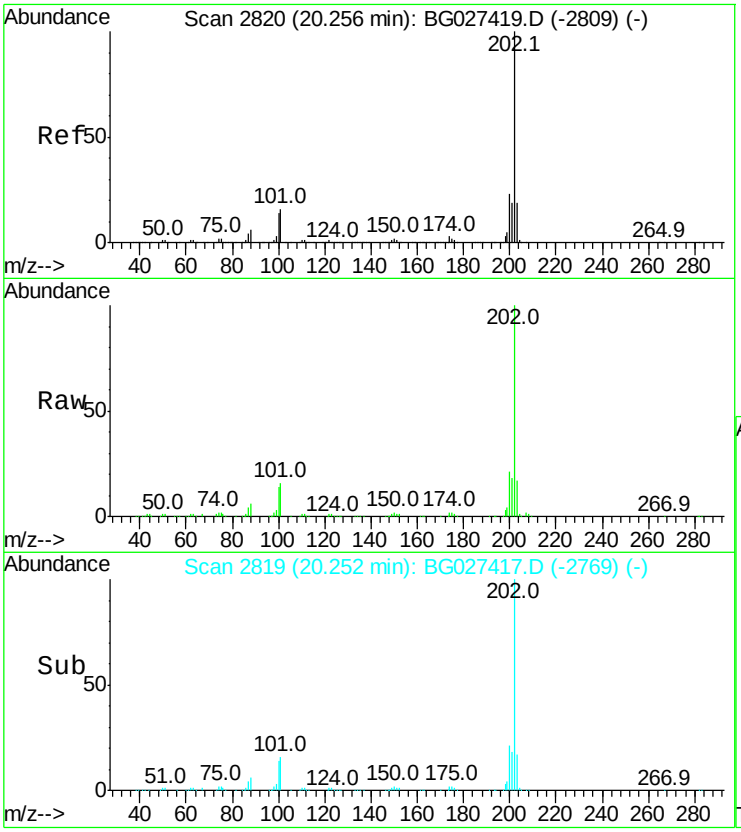


#76
Benzidine
Concen: 5.42 ng
RT: 20.06 min Scan# 2786
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:184 Resp: 64758

Ion	Ratio	Lower	Upper
184	100		
185	14.5	13.0	19.6
183	12.8	11.0	16.6

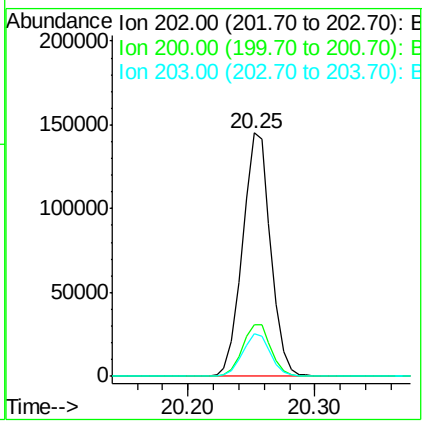




#77
Pyrene
Concen: 9.31 ng
RT: 20.25 min Scan# 2819
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:202 Resp: 222974

Ion	Ratio	Lower	Upper
202	100		
200	21.2	19.6	29.4
203	17.3	15.8	23.8



Instrument :
BNA_G
ClientSampleId :
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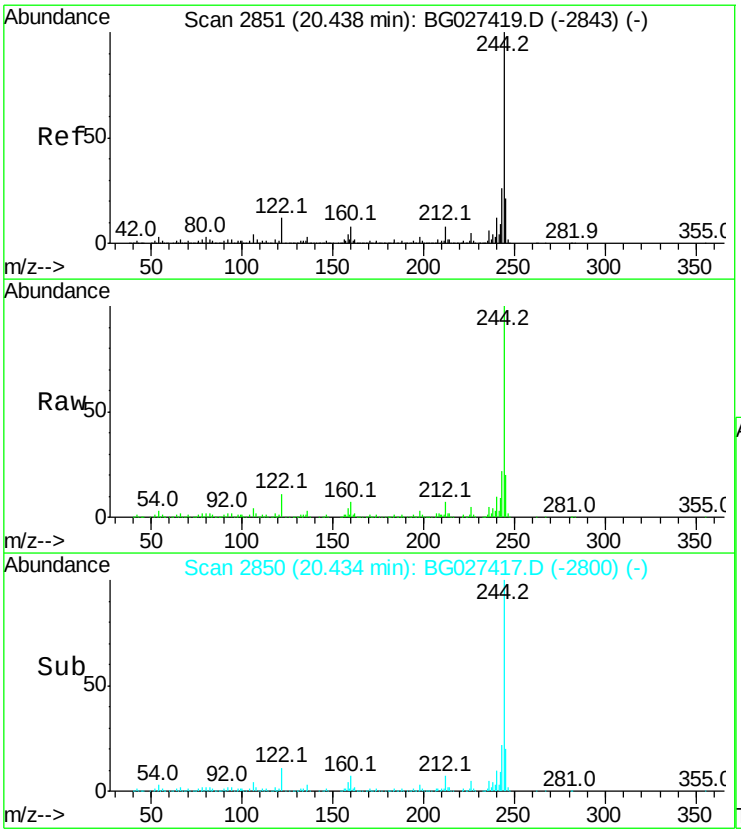
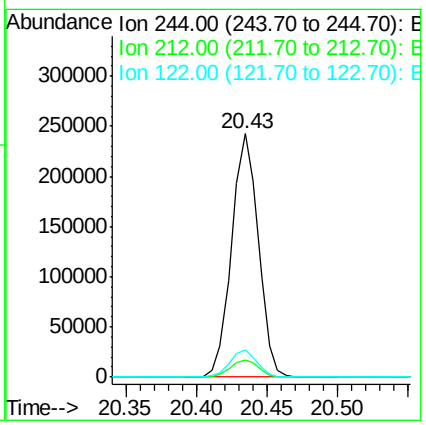
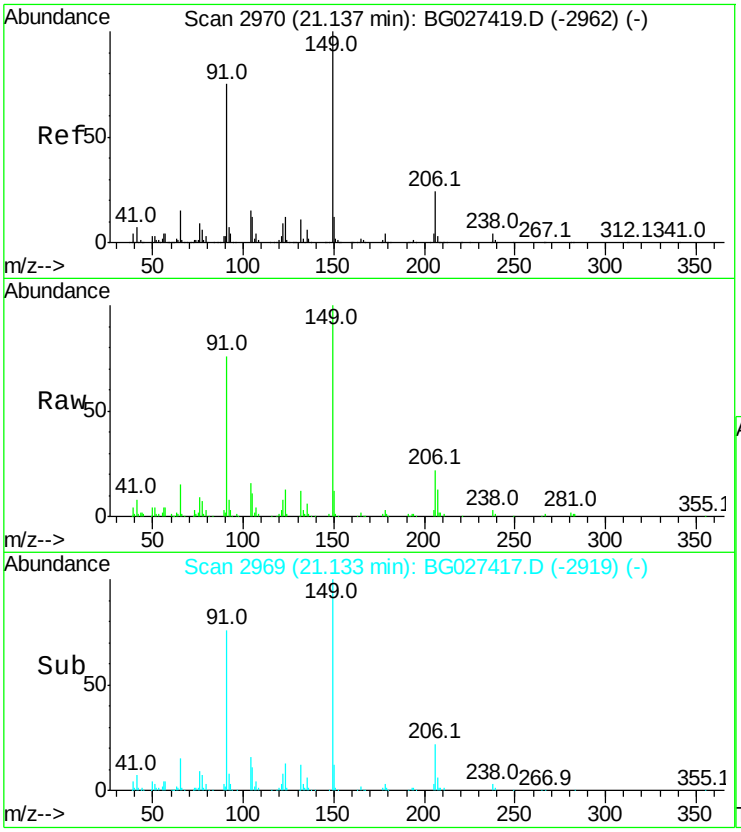


#78
Terphenyl-d14
Concen: 20.54 ng
RT: 20.43 min Scan# 2850
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:244 Resp: 319144

Ion	Ratio	Lower	Upper
244	100		
212	7.3	10.0	15.0#
122	11.0	8.6	12.8

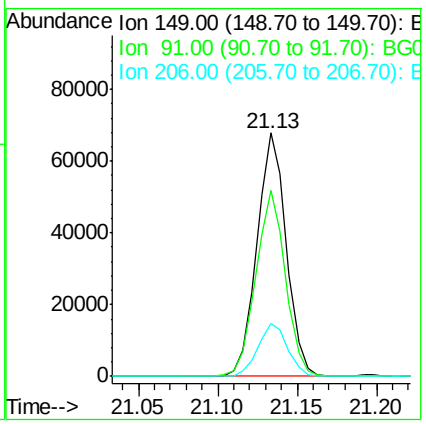




#79
Butylbenzylphthalate
Concen: 10.34 ng
RT: 21.13 min Scan# 2969
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:149 Resp: 87480

Ion	Ratio	Lower	Upper
149	100		
91	76.3	63.5	95.3
206	21.7	21.0	31.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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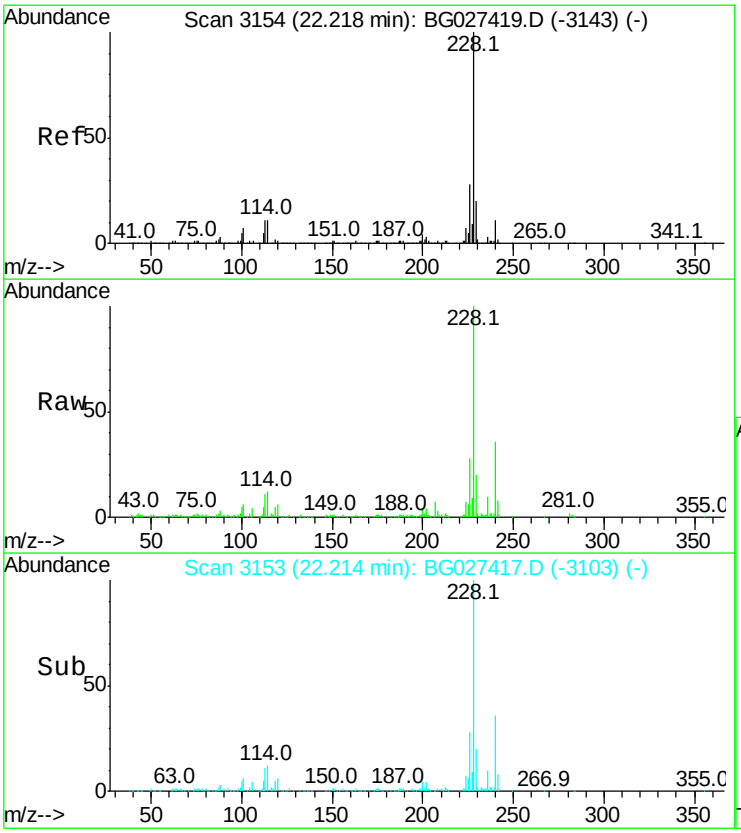
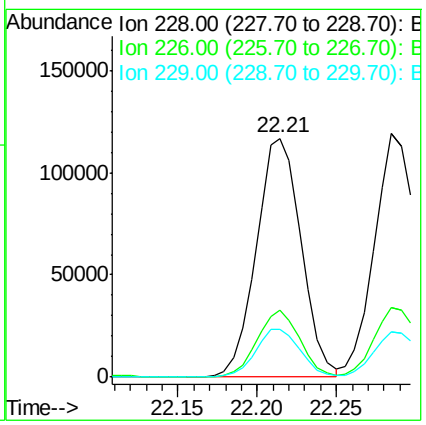
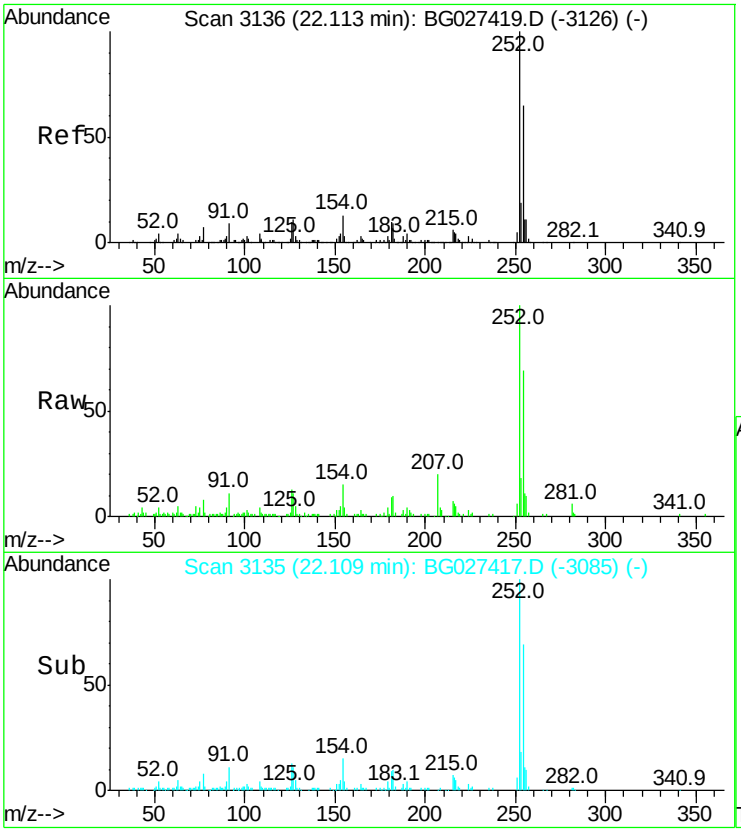


#80
Benzo(a)anthracene
Concen: 10.16 ng
RT: 22.21 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:228 Resp: 229535

Ion	Ratio	Lower	Upper
228	100		
226	27.9	24.9	37.3
229	19.8	18.2	27.2

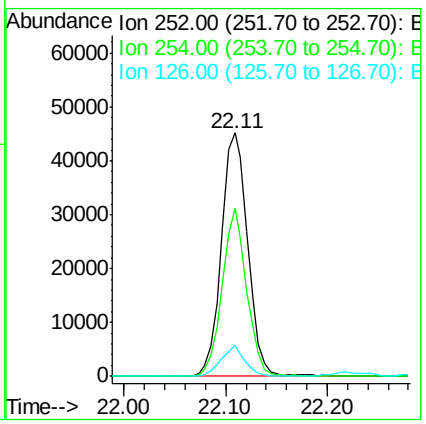




#81
3,3'-Dichlorobenzidine
Concen: 9.23 ng
RT: 22.11 min Scan# 3135
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:252 Resp: 81115

Ion	Ratio	Lower	Upper
252	100		
254	68.8	53.1	79.7
126	13.0	7.0	10.4#



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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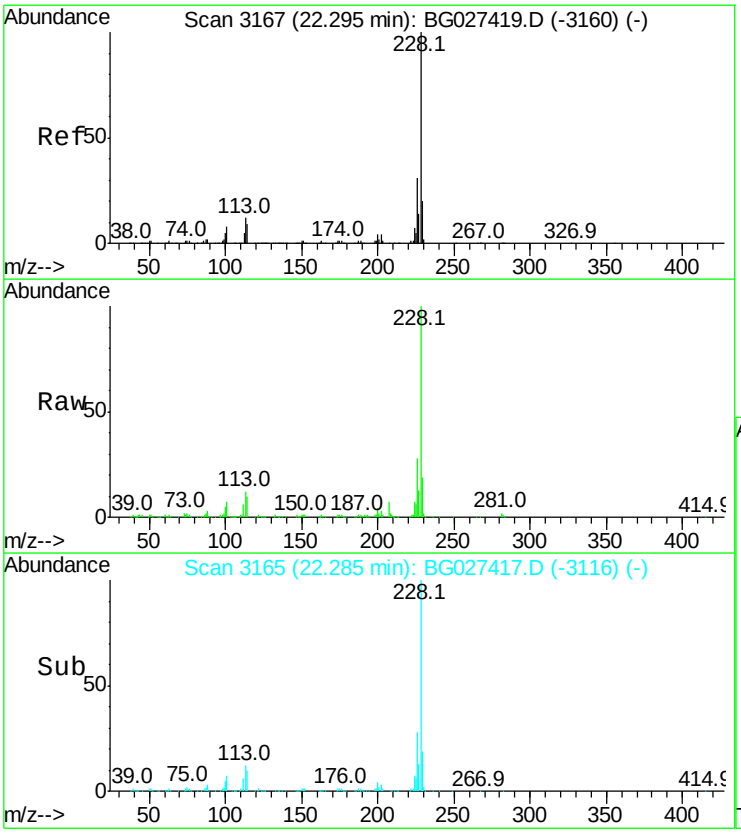
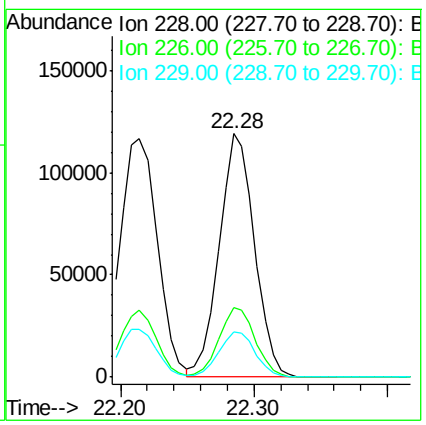
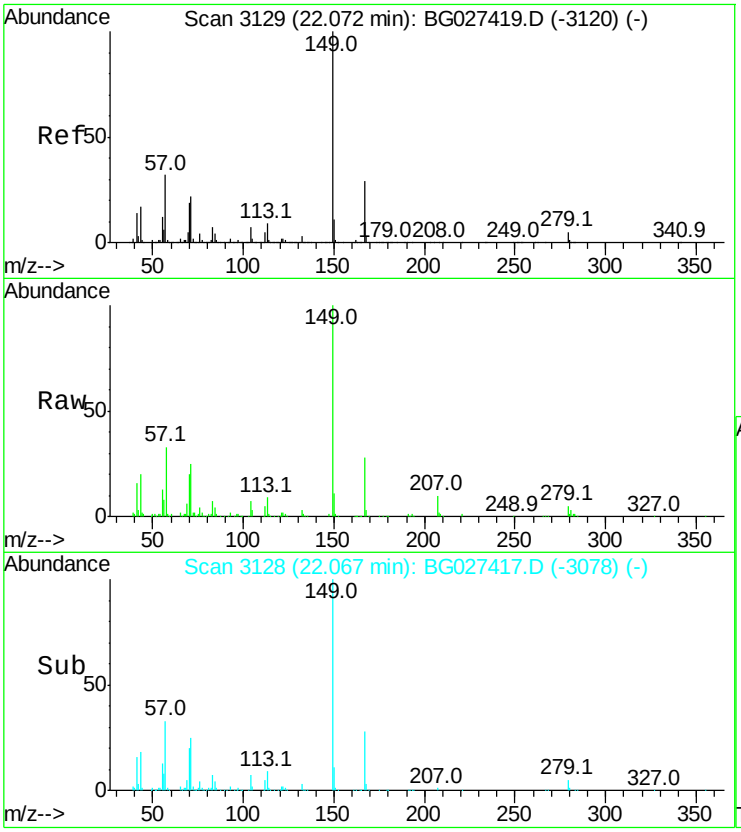


#82
Chrysene
Concen: 10.14 ng
RT: 22.28 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:228 Resp: 219951

Ion	Ratio	Lower	Upper
228	100		
226	28.5	27.0	40.4
229	18.6	17.8	26.6

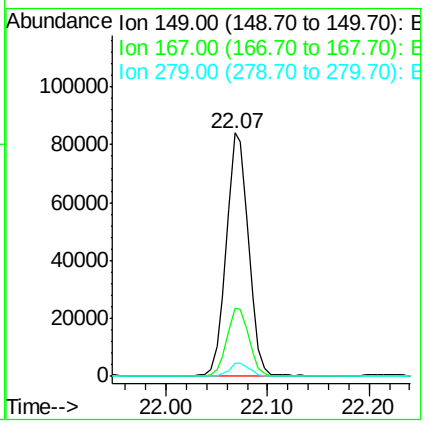




#83
Bis(2-ethylhexyl)phthalate
Concen: 9.91 ng
RT: 22.07 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:149 Resp: 126749

Ion	Ratio	Lower	Upper
149	100		
167	28.1	23.7	35.5
279	5.3	4.6	6.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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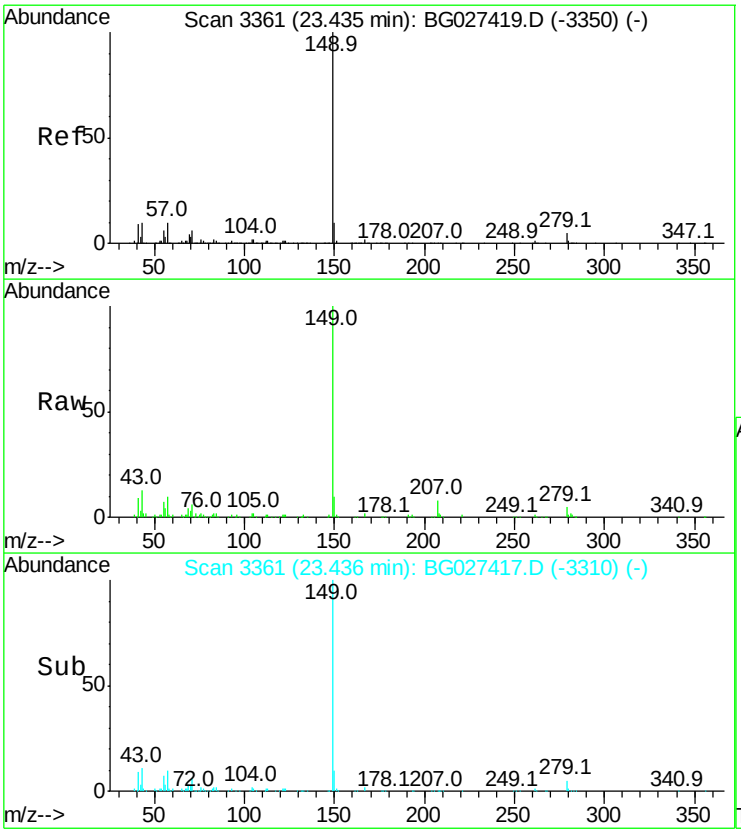
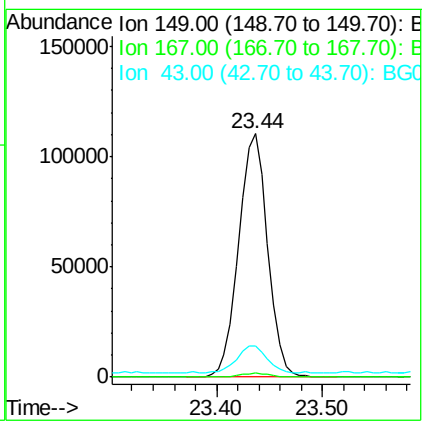
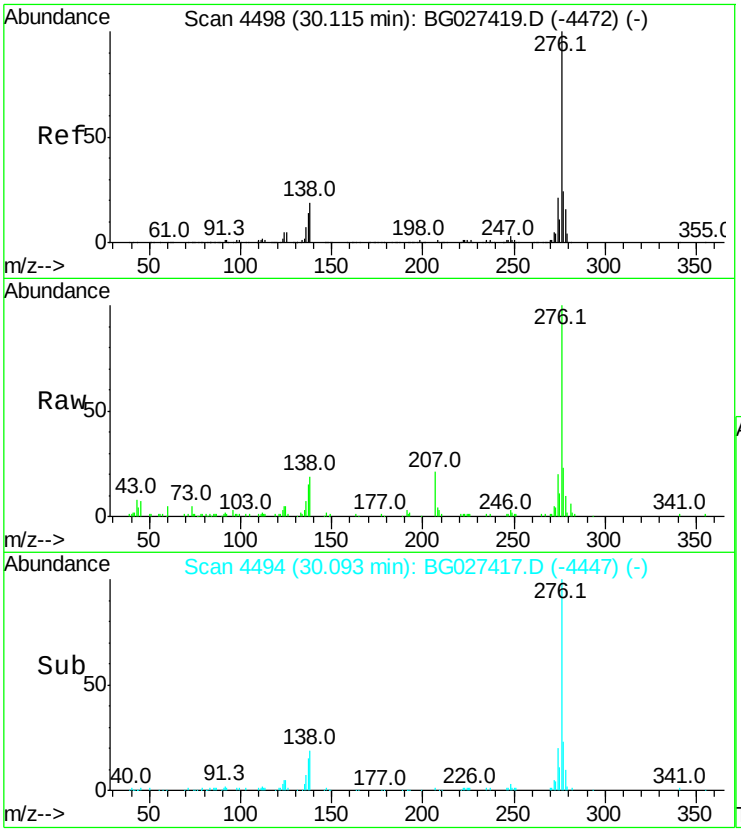


#84
Di-n-octyl phthalate
Concen: 9.82 ng
RT: 23.44 min Scan# 3361
Delta R.T. 0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:149 Resp: 207950

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.2
43	12.1	11.8	17.6

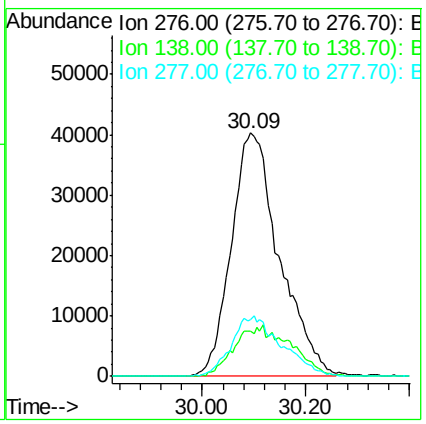




#85
Indeno(1,2,3-cd)pyrene
Concen: 9.89 ng
RT: 30.09 min Scan# 4494
Delta R.T. -0.02 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:276 Resp: 259869

Ion	Ratio	Lower	Upper
276	100		
138	0.0	4.7	7.1#
277	25.8	20.6	31.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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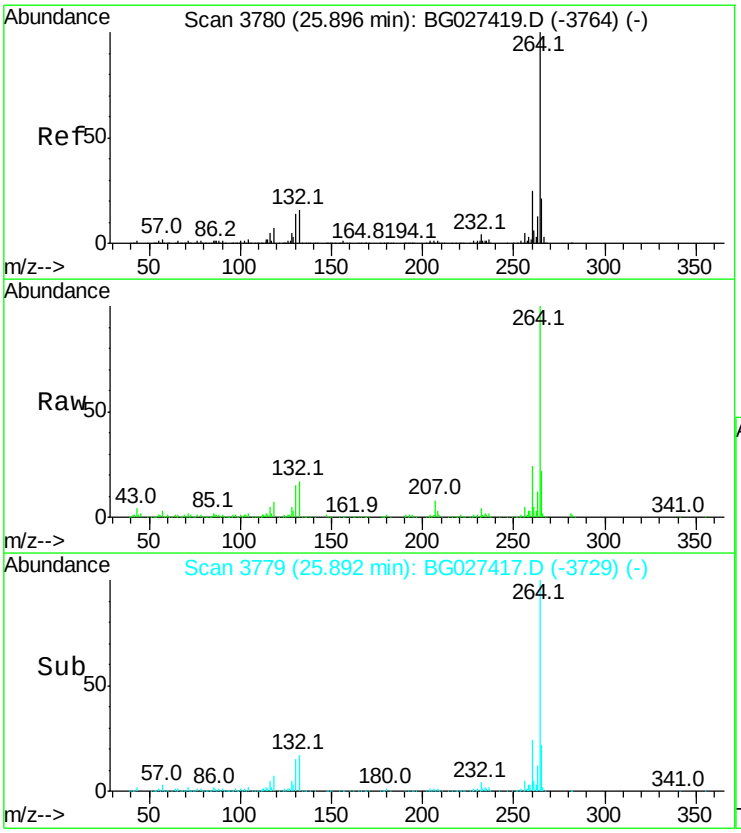
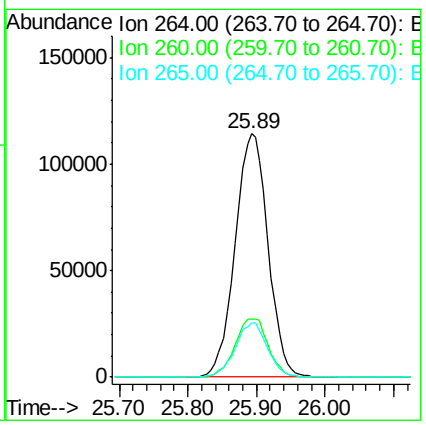
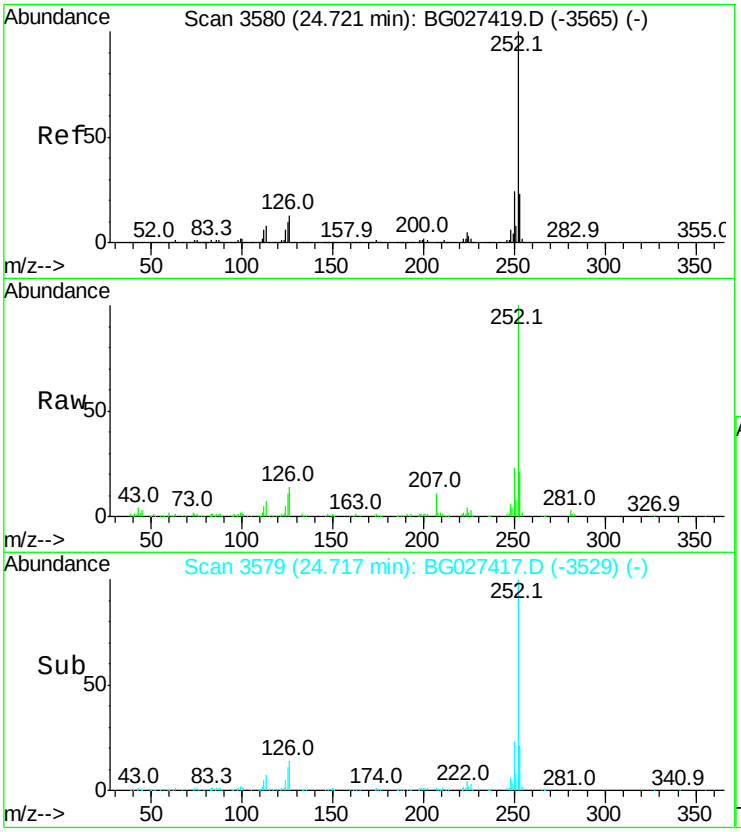


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.89 min Scan# 3779
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:264 Resp: 379461

Ion	Ratio	Lower	Upper
264	100		
260	23.8	21.8	32.8
265	22.5	18.2	27.4





#87
Benzo(b)fluoranthene
Concen: 9.75 ng
RT: 24.72 min Scan# 3579
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:252 Resp: 229424

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.7	28.1
125	10.9	5.3	7.9#

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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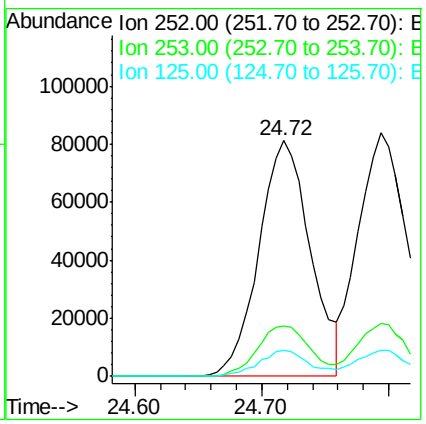
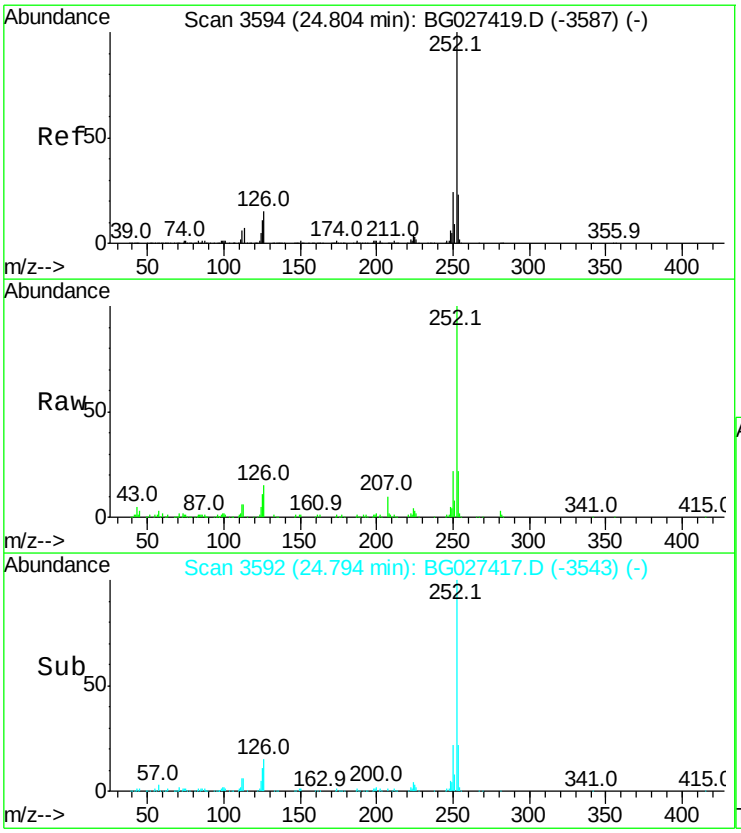
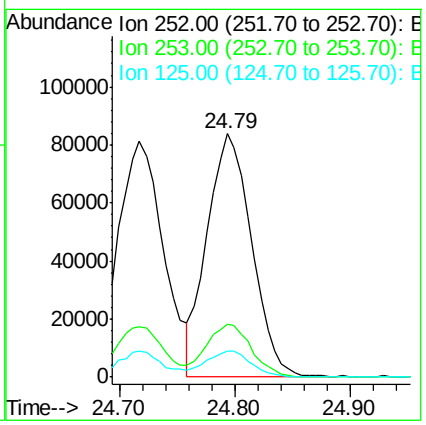


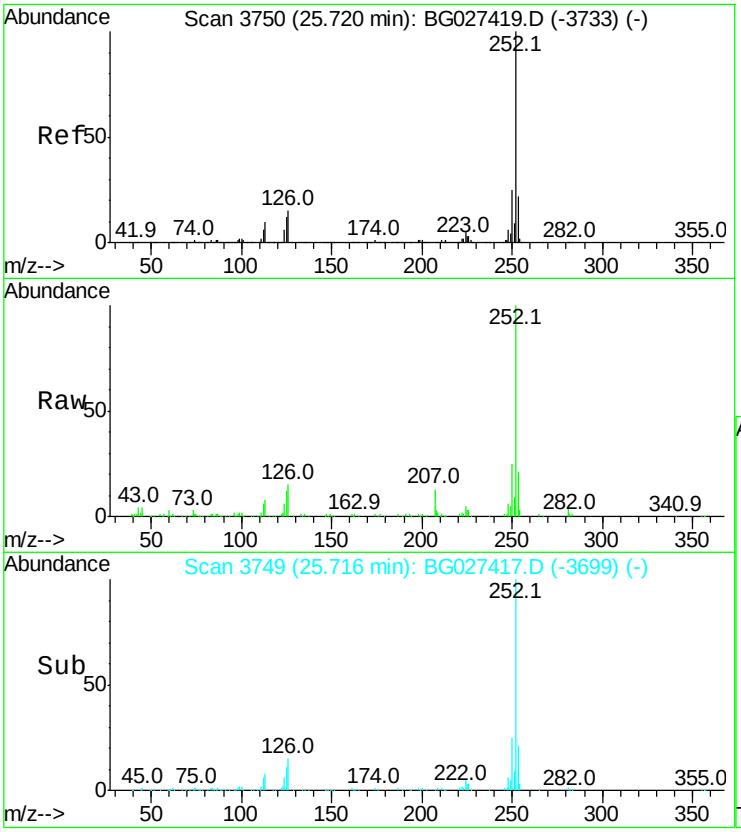


#88
Benzo(k)fluoranthene
Concen: 9.68 ng
RT: 24.79 min Scan# 3592
Delta R.T. -0.01 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:252 Resp: 223557

Ion	Ratio	Lower	Upper
252	100		
253	21.8	20.2	30.2
125	10.5	5.1	7.7#

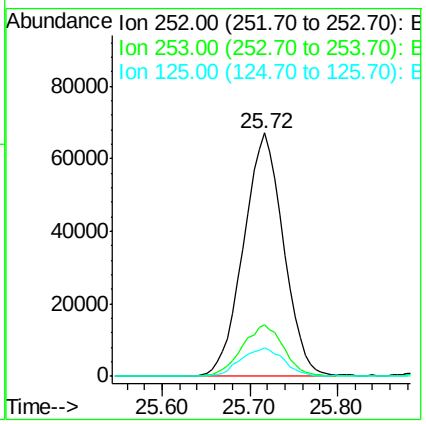




#89
Benzo(a)pyrene
Concen: 9.46 ng
RT: 25.72 min Scan# 3749
Delta R.T. -0.00 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:252 Resp: 209525

Ion	Ratio	Lower	Upper
252	100		
253	21.5	19.2	28.8
125	11.6	5.4	8.0#



Instrument :
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ClientSampleId :
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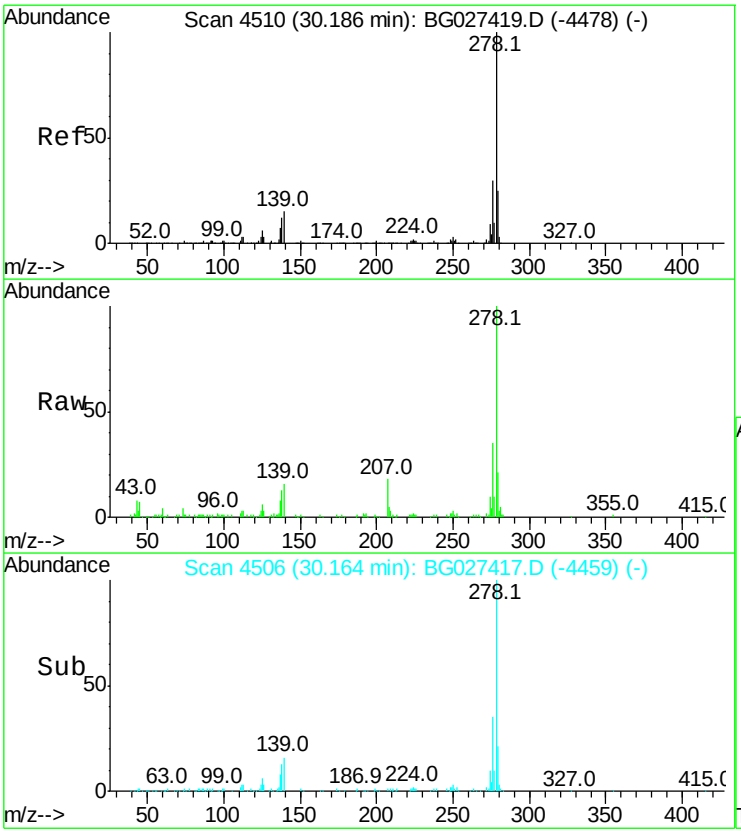
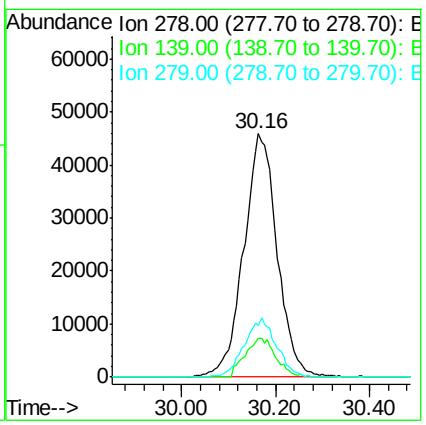
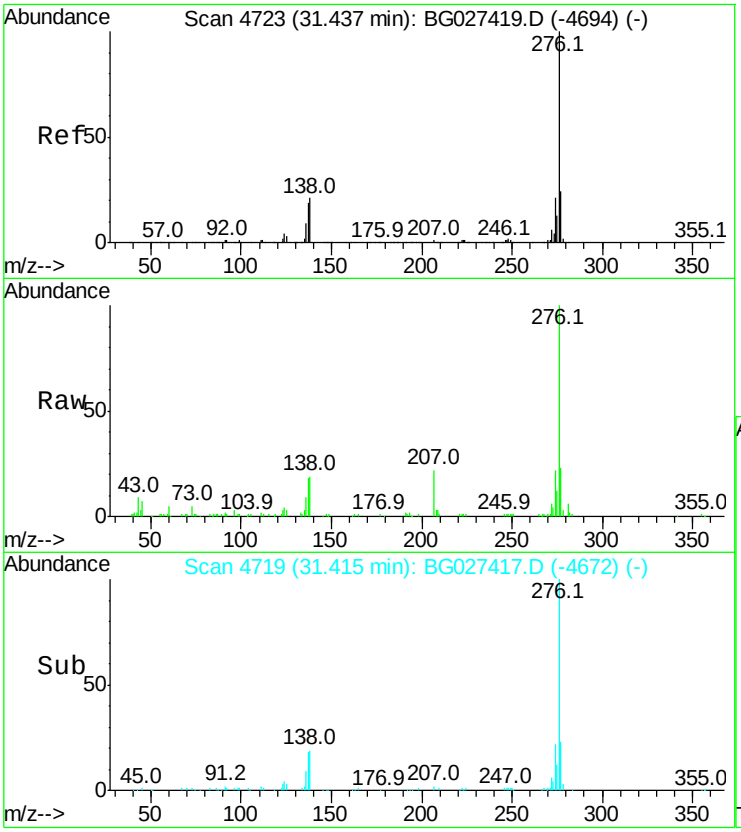


#90
Dibenzo(a,h)anthracene
Concen: 9.76 ng
RT: 30.16 min Scan# 4506
Delta R.T. -0.02 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:278 Resp: 226396

Ion	Ratio	Lower	Upper
278	100		
139	15.7	7.7	11.5#
279	21.3	19.1	28.7

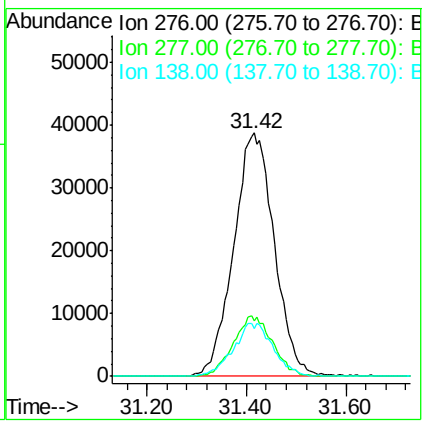




#91
Benzo(g,h,i)perylene
Concen: 9.78 ng
RT: 31.42 min Scan# 4719
Delta R.T. -0.02 min
Lab File: BG027417.D
Acq: 14 Jun 2017 14:51

Tgt Ion:276 Resp: 219676

Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.6	27.8
138	19.4	8.1	12.1#



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
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