Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041316\
Data File : BG021615.D
Acq On : 13 Apr 2016 10:55
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
Sohil
4/14/2016 5:29:30 PM

Quant Time: Apr 13 15:38:31 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 13:39:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	29806	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	135897	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	86690	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	214176	20.00	ng		0.00
75) Chrysene-d12	21.83	240	251384	20.00	ng		0.00
86) Perylene-d12	25.16	264	243929	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	9274	4.71	ng		0.00
7) Phenol-d6	7.36	99	14197	3.67	ng		0.00
23) Nitrobenzene-d5	9.38	82	13678	5.16	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	4677	3.60	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	34104	6.68	ng		0.00
78) Terphenyl-d14	20.15	244	56995	5.02	ng		0.00
Target Compounds							Qvalue
3) Pyridine	4.05	79	6593	2.12	ng		92
4) n-Nitrosodimethylamine	3.95	42	3538	2.55	ng	#	73
8) 2-Chlorophenol	7.78	128	5717	2.18	ng		96
9) Benzaldehyde	7.36	77	4622	2.43	ng		94
11) bis(2-Chloroethyl)ether	7.63	93	6093	2.13	ng		95
12) 1,3-Dichlorobenzene	8.11	146	6458	2.69	ng		95
13) 1,4-Dichlorobenzene	8.25	146	6696m	2.62	ng		
14) 1,2-Dichlorobenzene	8.57	146	6378	2.46	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.75	45	13538	2.20	ng		96
18) Hexachloroethane	9.31	117	2416	2.81	ng		94
22) Acetophenone	9.04	105	10147	2.55	ng		94
24) Nitrobenzene	9.42	77	7500	2.67	ng		95
25) Isophorone	9.95	82	16202	2.16	ng		95
26) 2-Nitrophenol	10.13	139	2754	2.73	ng	#	79
27) 2,4-Dimethylphenol	10.18	122	7633	2.75	ng	#	87
28) bis(2-Chloroethoxy)methane	10.42	93	8698	2.65	ng	#	88
29) 2,4-Dichlorophenol	10.67	162	5410	2.31	ng		85
30) 1,2,4-Trichlorobenzene	10.89	180	6010	2.91	ng		92
31) Naphthalene	11.09	128	19879	2.72	ng	#	96
33) 4-Chloroaniline	11.19	127	8787	2.05	ng		96
34) Hexachlorobutadiene	11.37	225	3869	3.38	ng		88
37) 2-Methylnaphthalene	12.67	142	12925	2.14	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	7510	3.59	ng		96
40) Hexachlorocyclopentadiene	13.01	237	3655	4.14	ng		93
42) 2,4,6-Trichlorophenol	13.26	196	4309	2.72	ng	#	92
43) 2,4,5-Trichlorophenol	13.33	196	4719	2.45	ng		90
45) 1,1'-Biphenyl	13.67	154	20333	3.16	ng		89
46) 2-Chloronaphthalene	13.71	162	15275	3.19	ng		96
47) 2-Nitroaniline	13.90	65	4839	2.16	ng	#	77
48) Acenaphthylene	14.55	152	24592	2.66	ng		100
49) Dimethylphthalate	14.27	163	21814	2.27	ng		98
51) Acenaphthene	14.89	154	15845	2.64	ng		98
54) Dibenzofuran	15.22	168	21954	2.52	ng		94
57) Fluorene	15.87	166	19703	2.31	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041316\
Data File : BG021615.D
Acq On : 13 Apr 2016 10:55
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
Sohil
4/14/2016 5:29:30 PM

Quant Time: Apr 13 15:38:31 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 13:39:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
60) 4-Chlorophenyl-phenylether	15.85	204	9919	2.53	ng		98
62) Azobenzene	16.15	77	18843	2.18	ng		96
65) n-Nitrosodiphenylamine	16.07	169	17039	3.03	ng		93
66) 4-Bromophenyl-phenylether	16.74	248	5722	2.91	ng		98
67) Hexachlorobenzene	16.86	284	6439	3.17	ng	#	92
68) Atrazine	17.00	200	6602	2.02	ng		89
70) Phenanthrene	17.60	178	32762	2.70	ng		98
71) Anthracene	17.69	178	32653	2.61	ng		99
72) Carbazole	17.96	167	31627	2.28	ng		94
74) Fluoranthene	19.59	202	39088	2.05	ng		96
76) Benzidine	19.76	184	22054	2.93	ng		97
77) Pyrene	19.95	202	40074	2.52	ng		94
79) Butylbenzylphthalate	20.83	149	17387	2.63	ng		97
80) Benzo(a)anthracene	21.81	228	39614	2.70	ng		98
81) 3,3'-Dichlorobenzidine	21.72	252	30750	3.07	ng		98
82) Chrysene	21.88	228	39054	2.80	ng		96
83) Bis(2-ethylhexyl)phthalate	21.72	149	26973	3.11	ng		100
84) Di-n-octyl phthalate	22.97	149	43176	3.01	ng		97
85) Indeno(1,2,3-cd)pyrene	28.97	276	42278	2.95	ng		92
87) Benzo(b)fluoranthene	24.10	252	37034	2.58	ng		99
88) Benzo(k)fluoranthene	24.17	252	36797	2.57	ng		98
89) Benzo(a)pyrene	25.00	252	37770	2.73	ng		96
90) Dibenzo(a,h)anthracene	29.04	278	36088	2.65	ng		95
91) Benzo(g,h,i)perylene	30.15	276	34661	2.56	ng		96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041316\
Data File : BG021615.D
Acq On : 13 Apr 2016 10:55
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 13 15:38:31 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 13:39:40 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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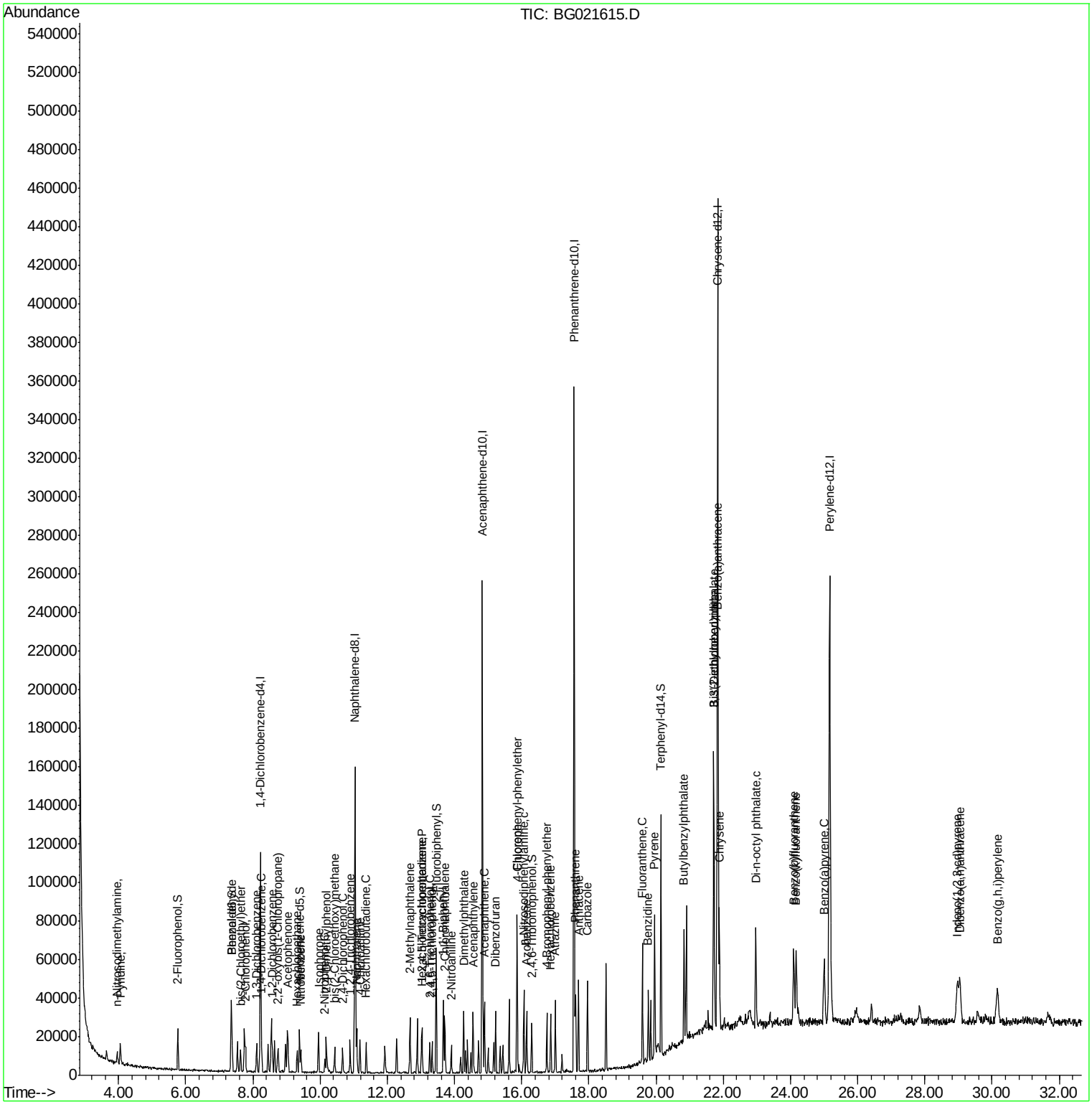
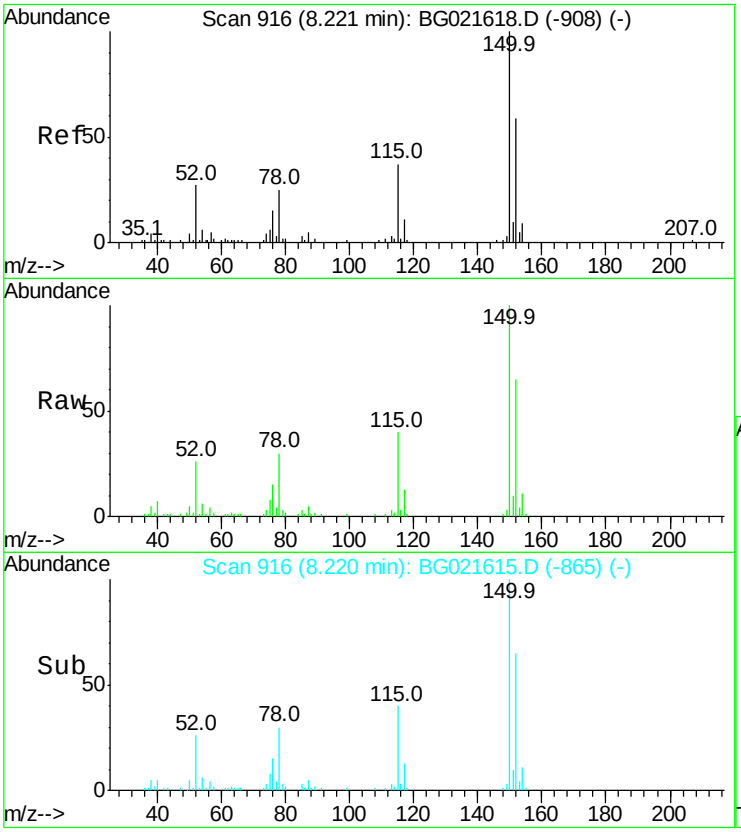
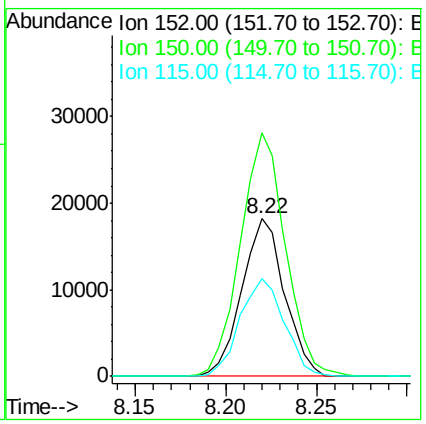




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.22 min Scan# 916
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:152 Resp: 29806

Ion	Ratio	Lower	Upper
152	100		
150	154.3	130.1	195.1
115	62.2	62.2	93.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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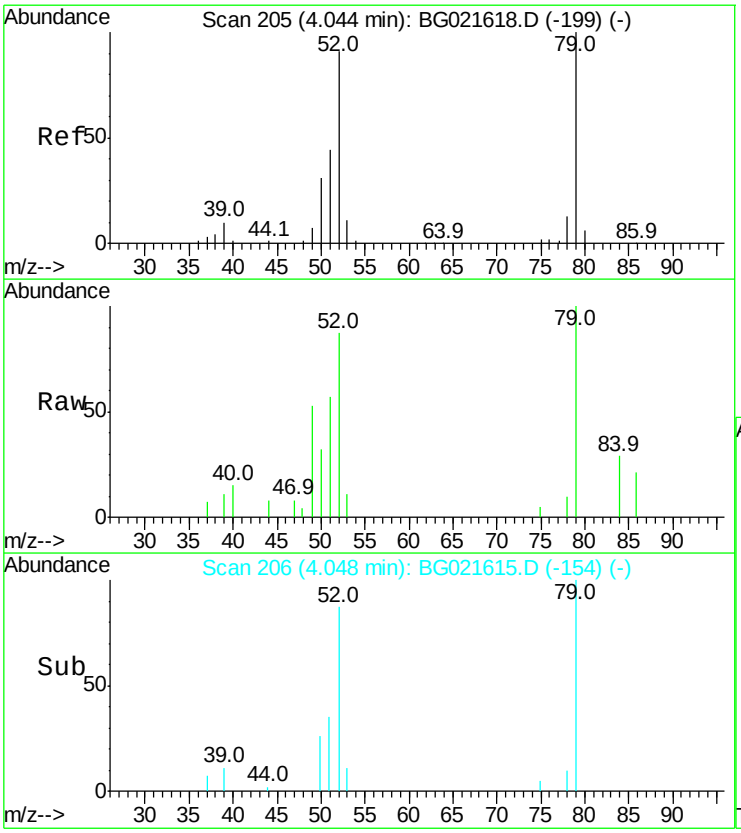
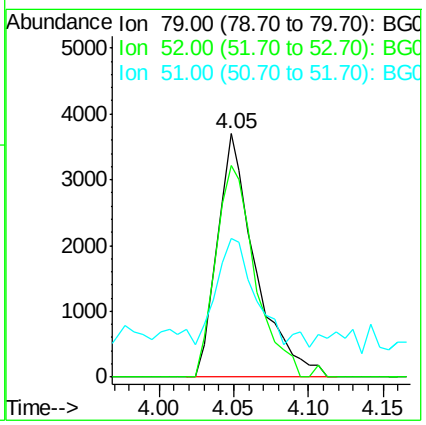
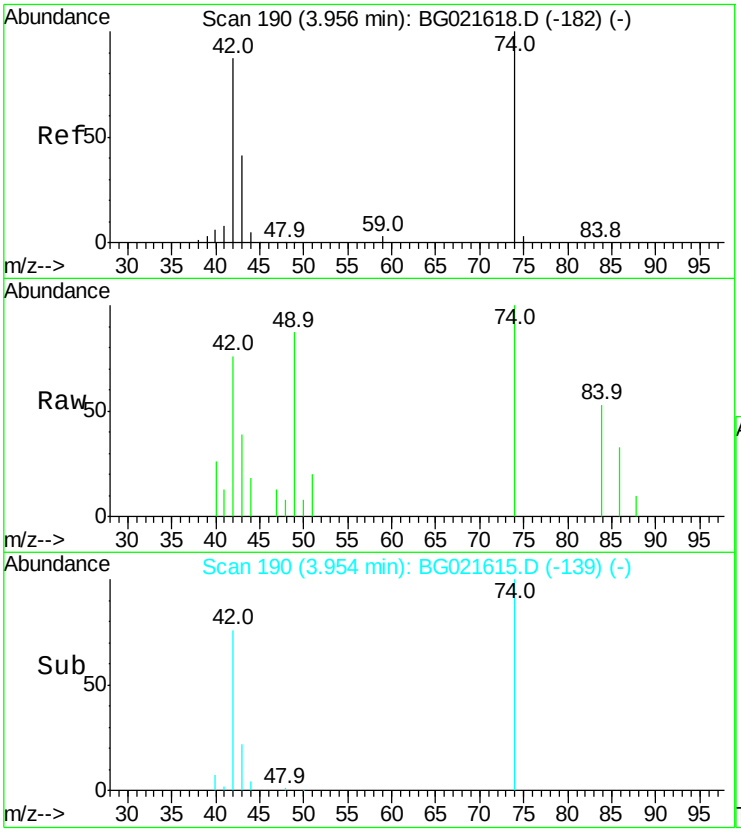


#3
Pyridine
Concen: 2.12 ng
RT: 4.05 min Scan# 206
Delta R.T. 0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion: 79 Resp: 6593

Ion	Ratio	Lower	Upper
79	100		
52	87.1	77.2	115.8
51	57.0	42.5	63.7

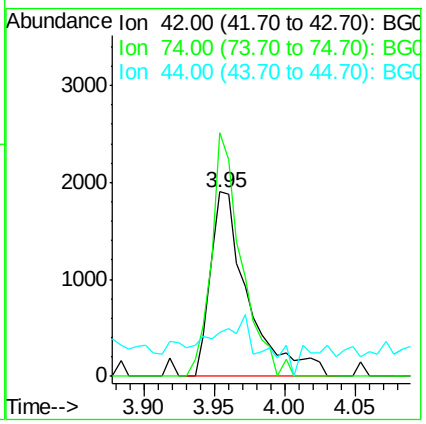




#4
n-Nitrosodimethylamine
Concen: 2.55 ng
RT: 3.95 min Scan# 190
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion: 42 Resp: 3538

Ion	Ratio	Lower	Upper
42	100		
74	132.1	83.0	124.4#
44	23.6	11.0	16.6#



Instrument :
BNA_G
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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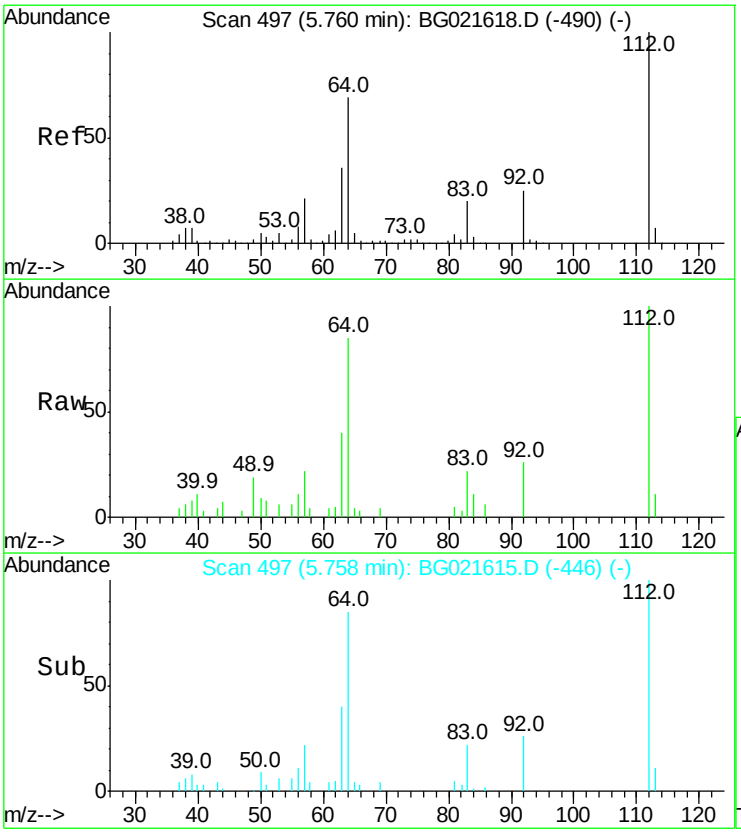
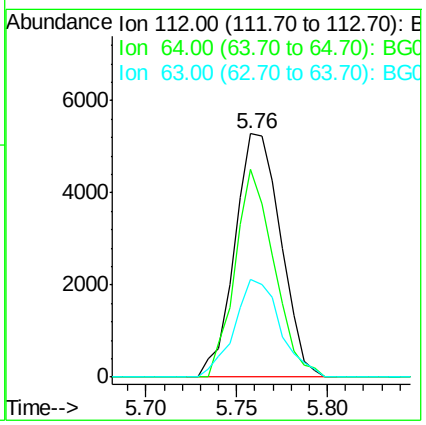
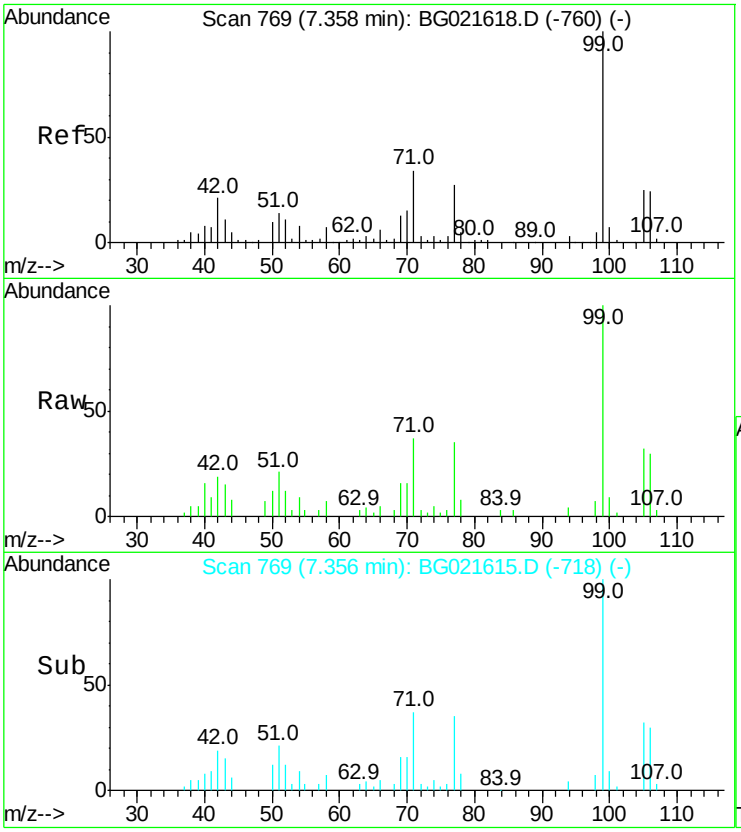


#5
2-Fluorophenol
Concen: 4.71 ng
RT: 5.76 min Scan# 497
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:112 Resp: 9274

Ion	Ratio	Lower	Upper
112	100		
64	85.3	51.1	76.7#
63	40.1	24.6	37.0#

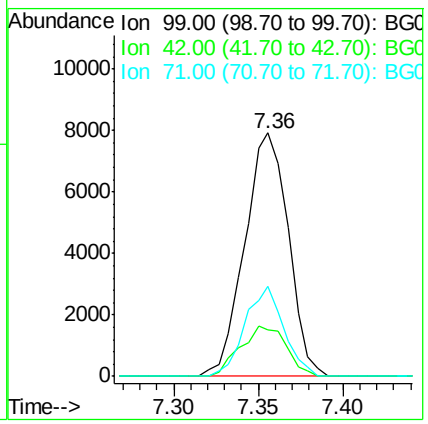




#7
Phenol-d6
Concen: 3.67 ng
RT: 7.36 min Scan# 769
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion: 99 Resp: 14197

Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.4	24.6
71	37.0	25.0	37.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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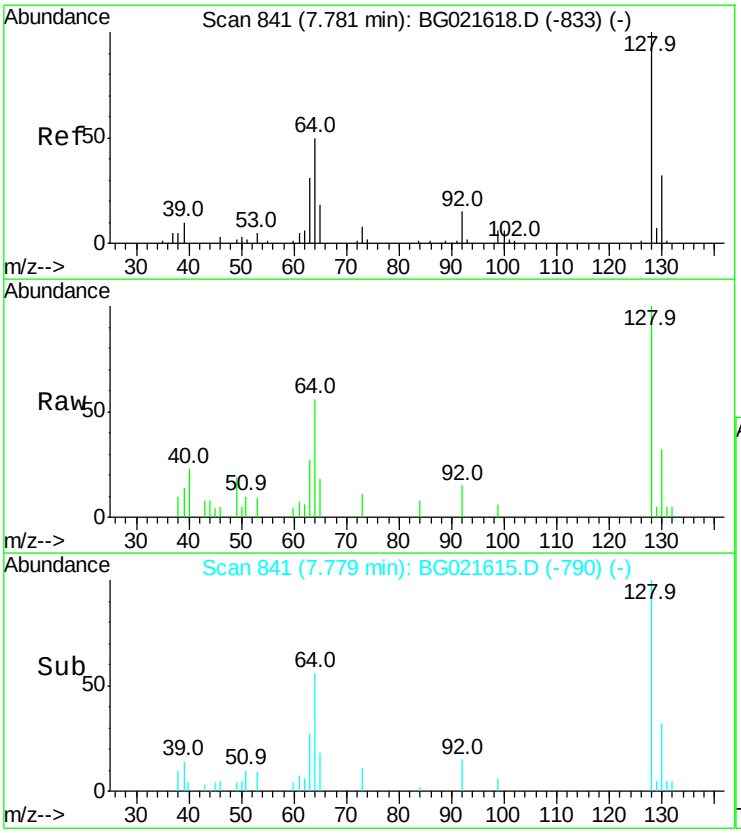
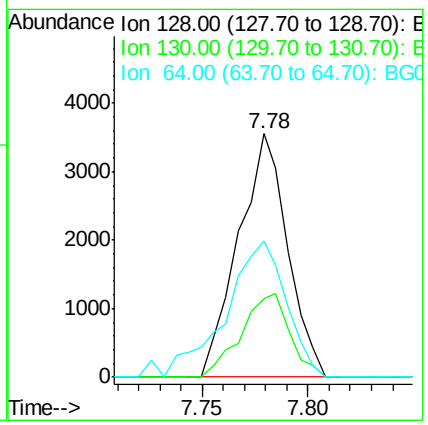
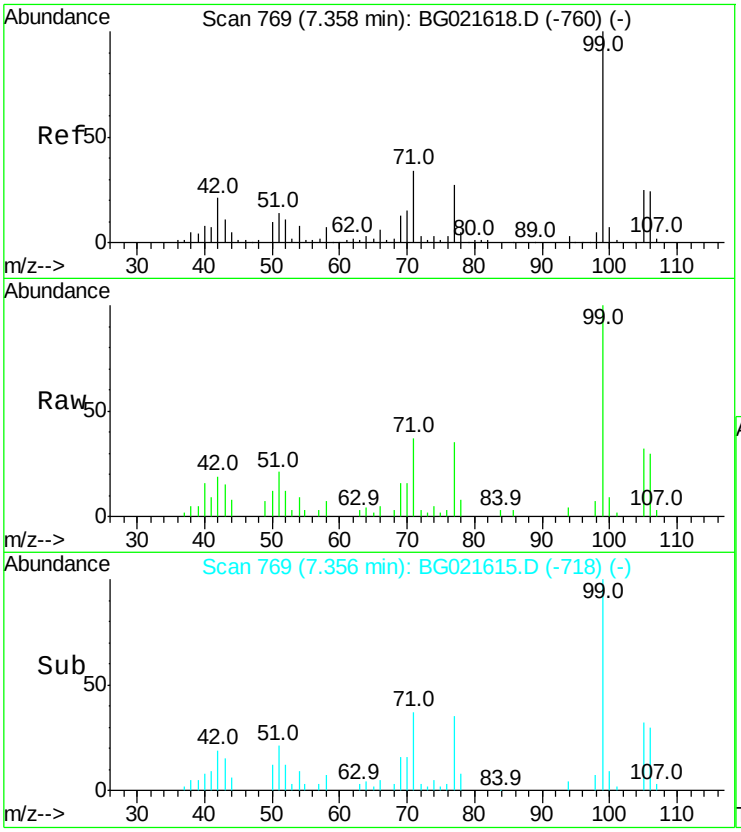


#8
2-Chlorophenol
Concen: 2.18 ng
RT: 7.78 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:128 Resp: 5717

Ion	Ratio	Lower	Upper
128	100		
130	32.3	11.2	51.2
64	55.7	39.8	79.8

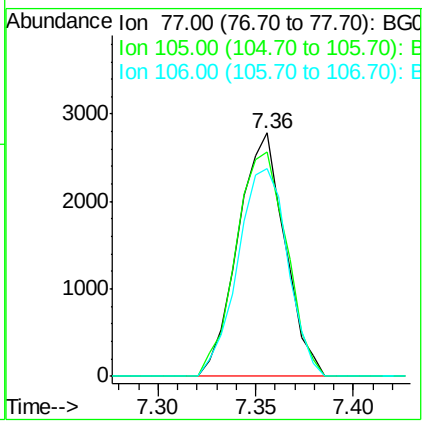




#9
Benzaldehyde
Concen: 2.43 ng
RT: 7.36 min Scan# 769
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion: 77 Resp: 4622

Ion	Ratio	Lower	Upper
77	100		
105	92.1	62.1	102.1
106	85.5	65.6	105.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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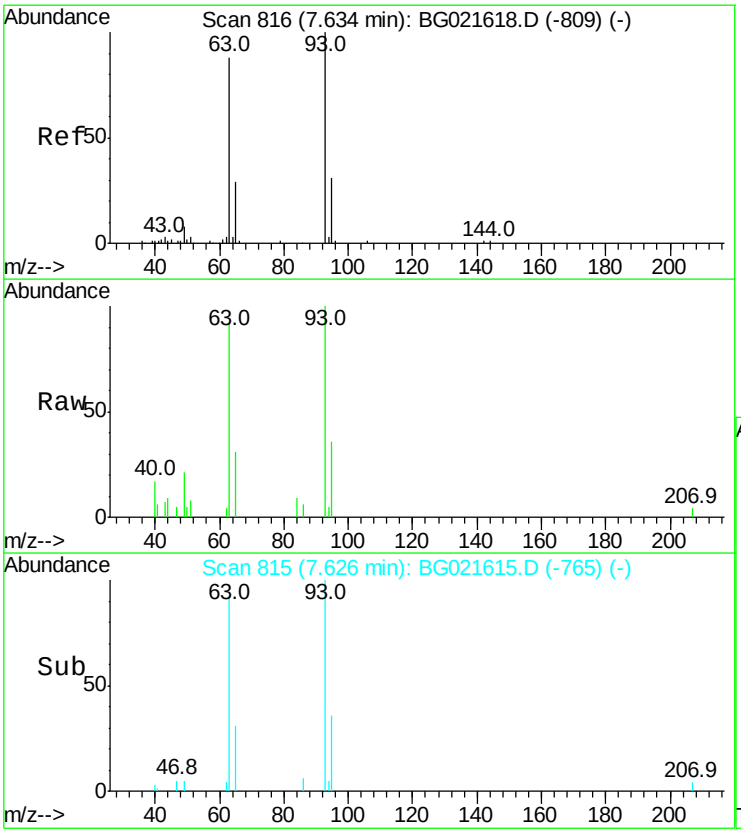
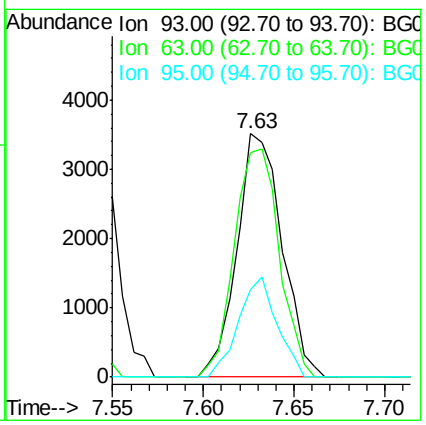
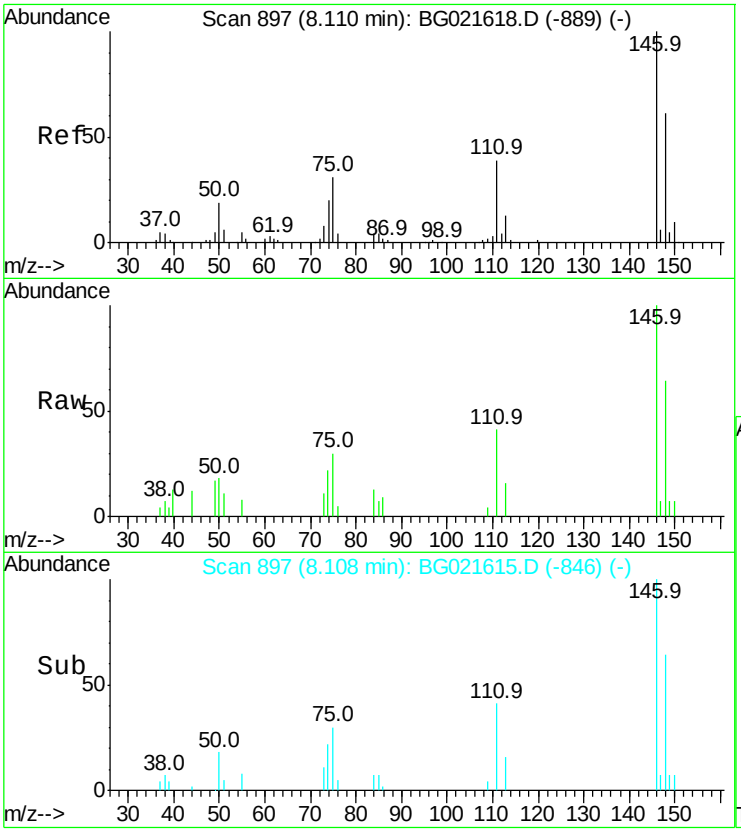


#11
bis(2-Chloroethyl)ether
Concen: 2.13 ng
RT: 7.63 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion: 93 Resp: 6093

Ion	Ratio	Lower	Upper
93	100		
63	92.2	74.9	114.9
95	35.8	8.3	48.3

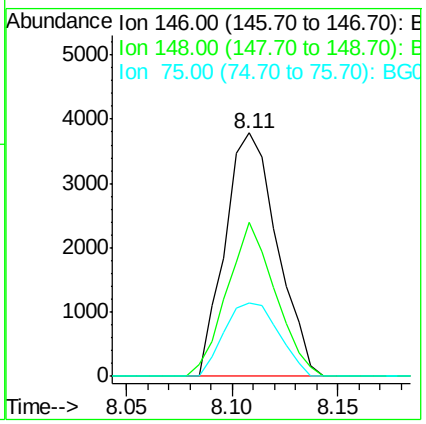




#12
1,3-Dichlorobenzene
Concen: 2.69 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:146 Resp: 6458

Ion	Ratio	Lower	Upper
146	100		
148	63.5	53.7	80.5
75	30.0	27.4	41.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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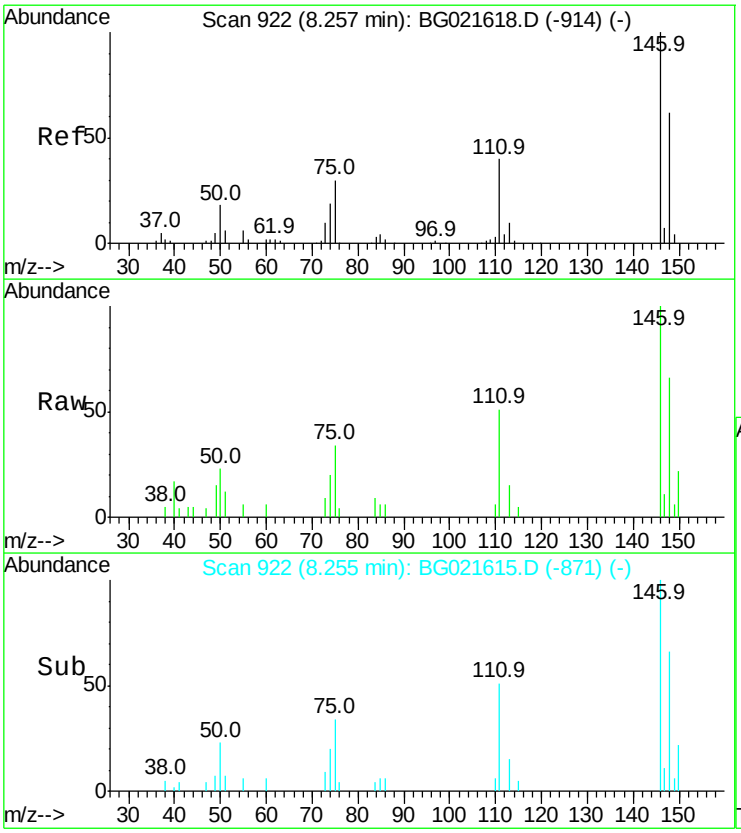
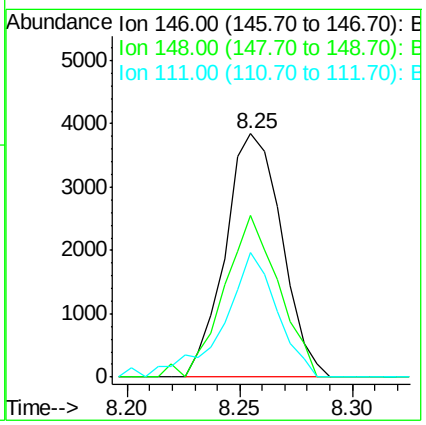
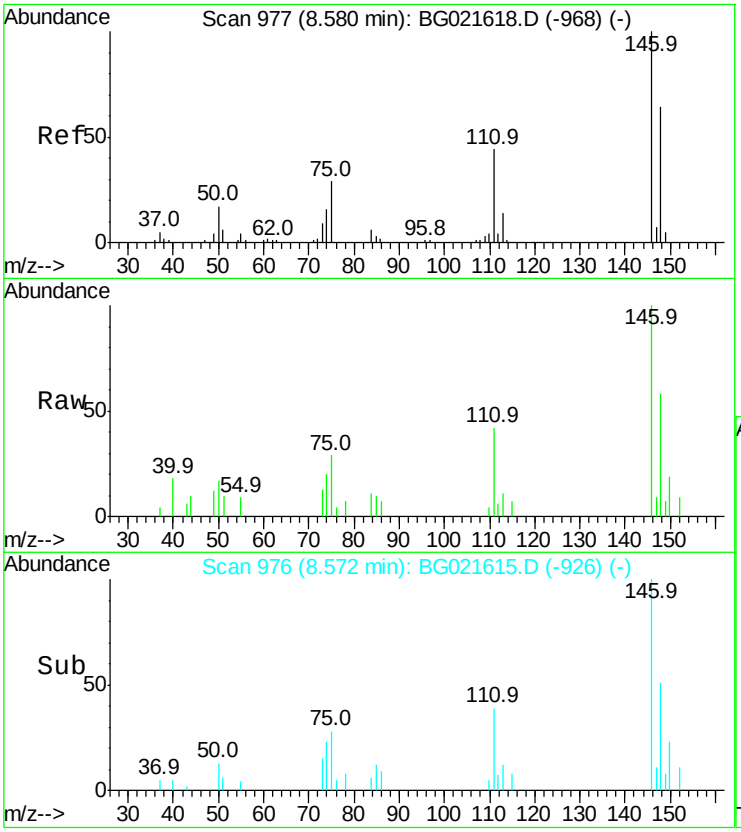


#13
1,4-Dichlorobenzene
Concen: 2.62 ng m
RT: 8.25 min Scan# 922
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:146 Resp: 6696

Ion	Ratio	Lower	Upper
146	100		
148	66.3	46.7	70.1
111	51.1	33.0	49.6#

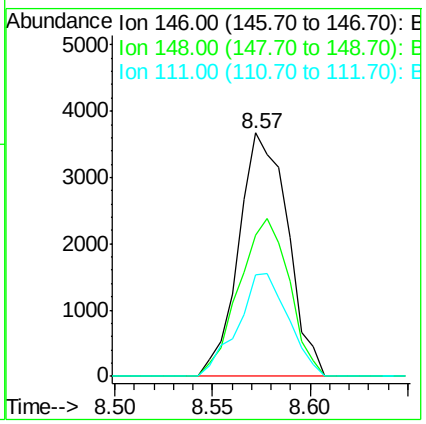




#14
1,2-Dichlorobenzene
Concen: 2.46 ng
RT: 8.57 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:146 Resp: 6378

Ion	Ratio	Lower	Upper
146	100		
148	57.9	52.6	79.0
111	41.6	36.1	54.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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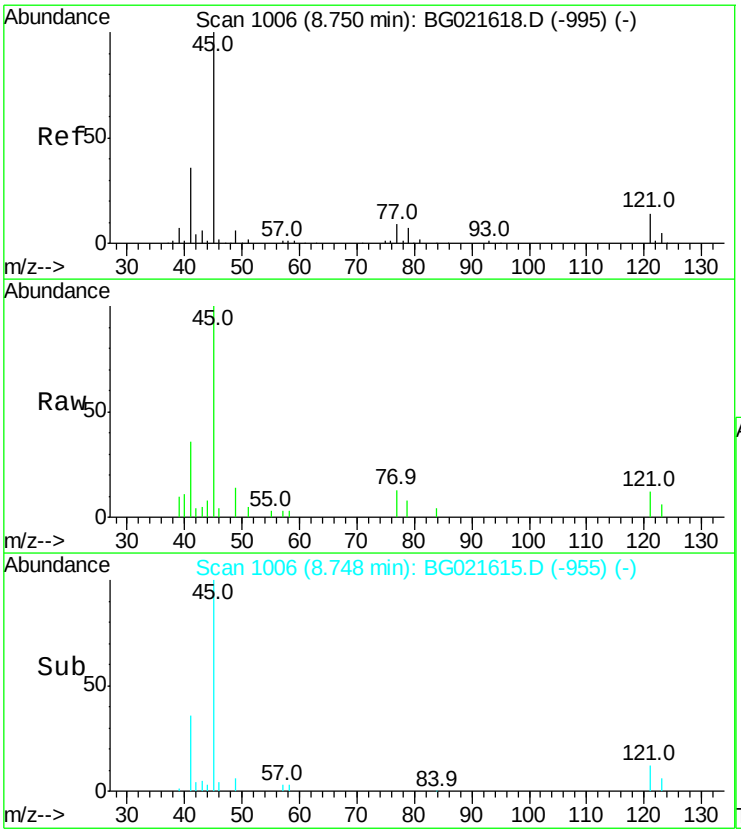
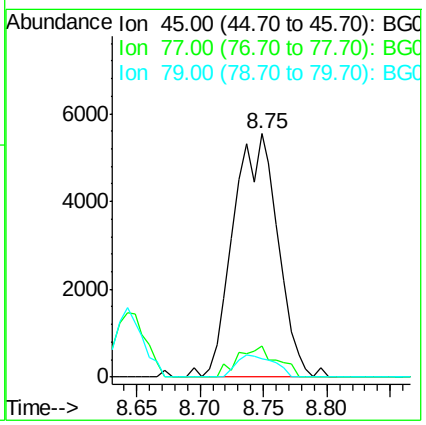
4/14/2016 5:29:30 PM

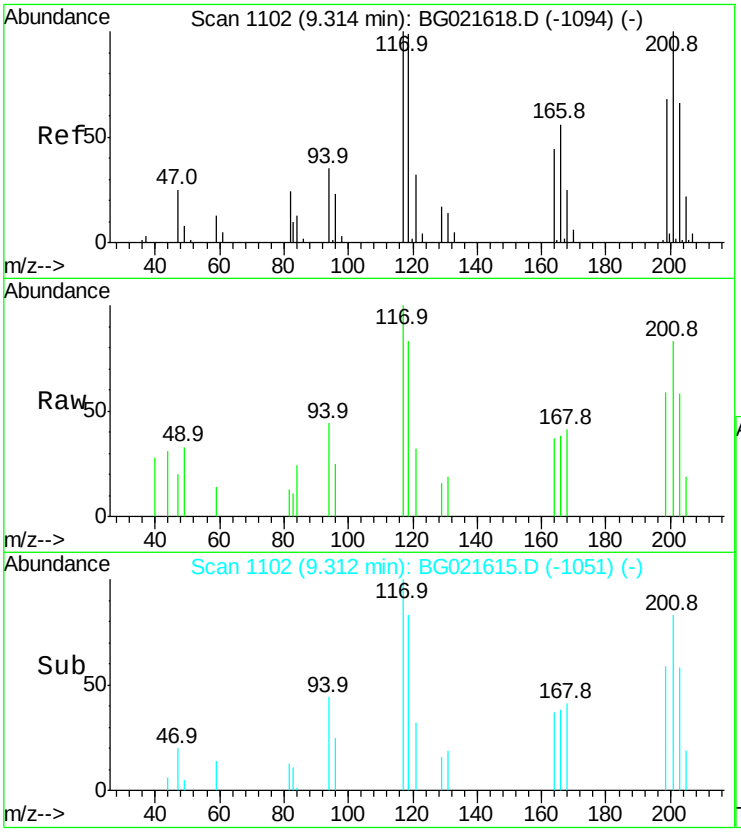


#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.20 ng
RT: 8.75 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion: 45 Resp: 13538

Ion	Ratio	Lower	Upper
45	100		
77	12.8	0.0	31.2
79	7.6	0.0	29.0

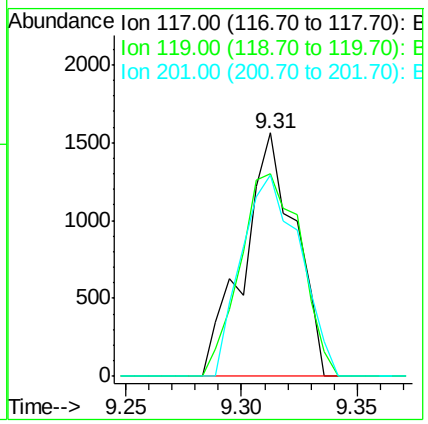




#18
Hexachloroethane
Concen: 2.81 ng
RT: 9.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:117 Resp: 2416

Ion	Ratio	Lower	Upper
117	100		
119	83.5	63.9	95.9
201	83.0	61.2	91.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC02.5

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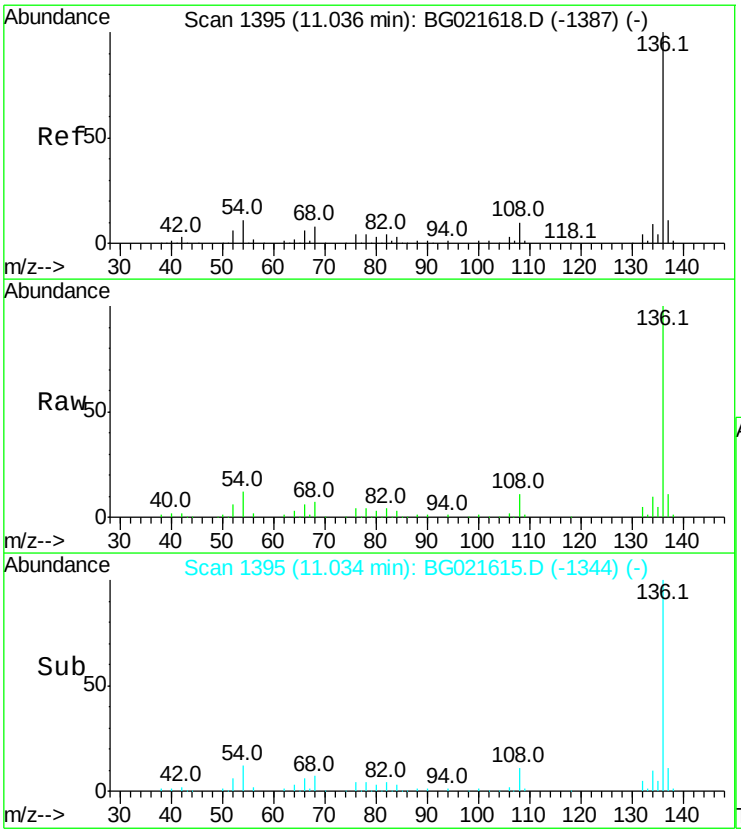
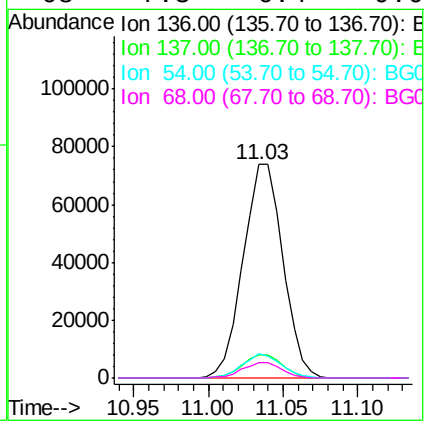
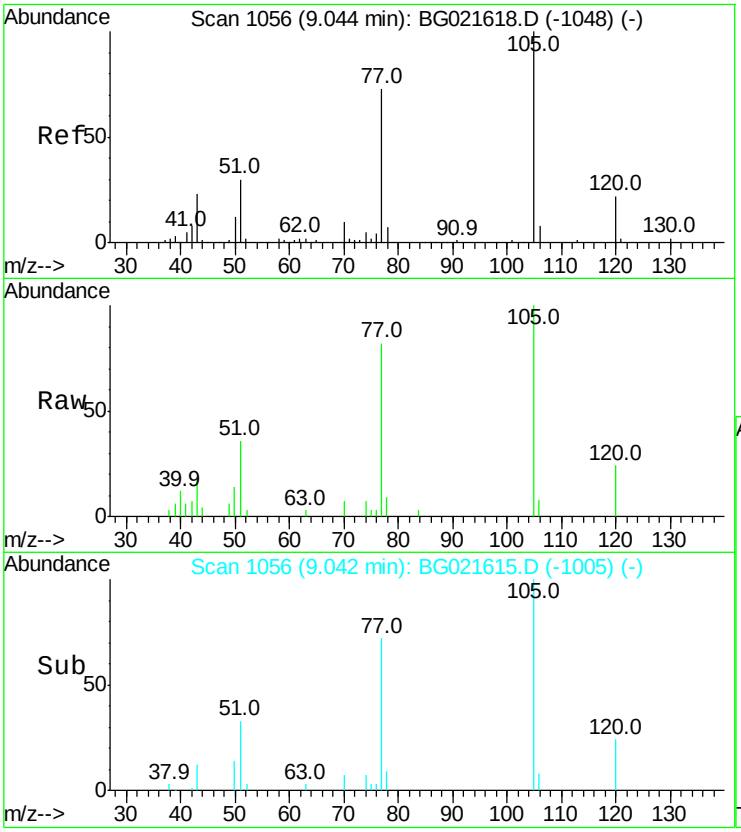


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:136 Resp: 135897

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	11.7	9.6	14.4
68	7.3	6.4	9.6

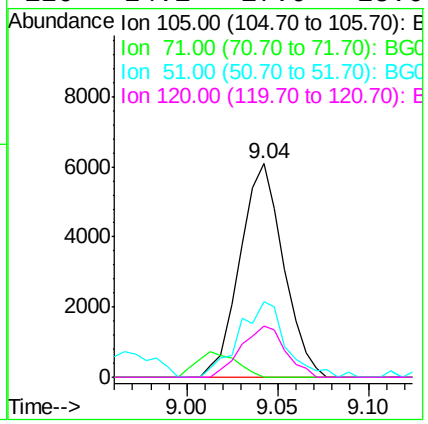




#22
Acetophenone
Concen: 2.55 ng
RT: 9.04 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:105 Resp: 10147

Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.0	0.0
51	35.5	25.7	38.5
120	24.1	17.0	25.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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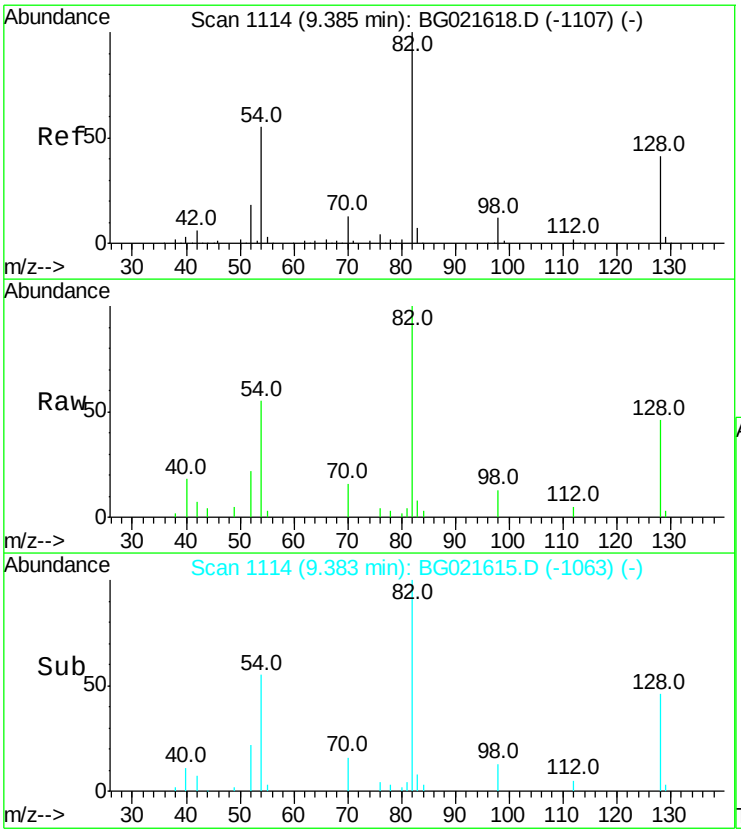
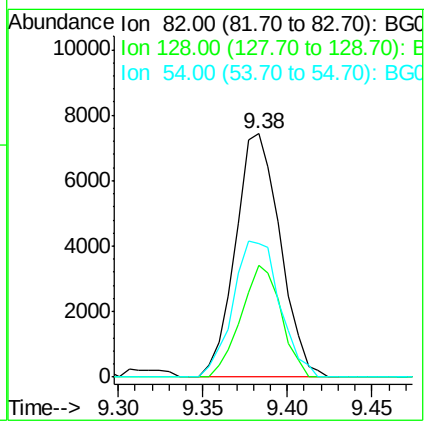
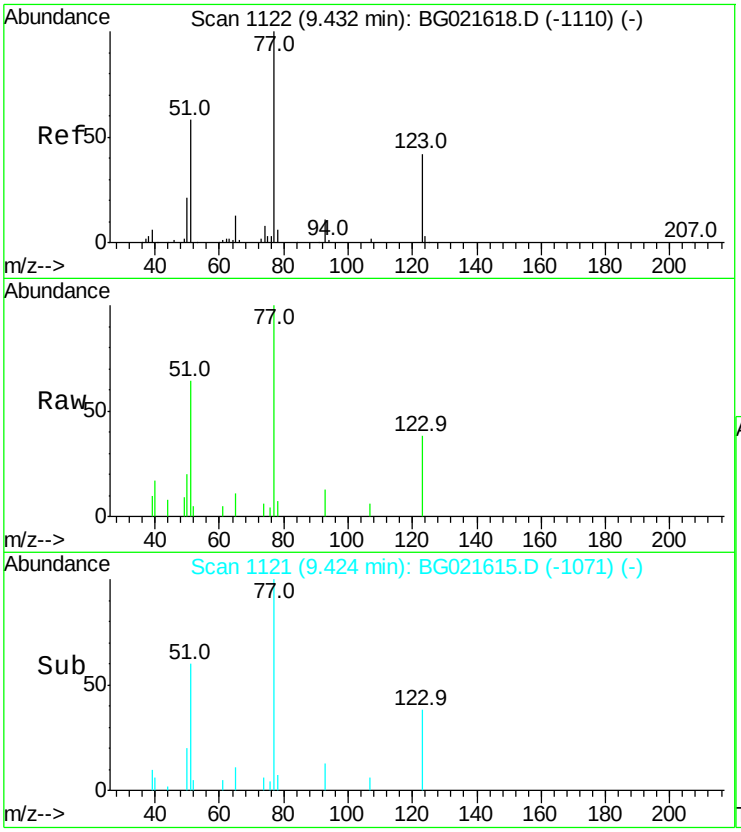


#23
Nitrobenzene-d5
Concen: 5.16 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion: 82 Resp: 13678

Ion	Ratio	Lower	Upper
82	100		
128	46.0	33.4	50.0
54	54.9	46.1	69.1

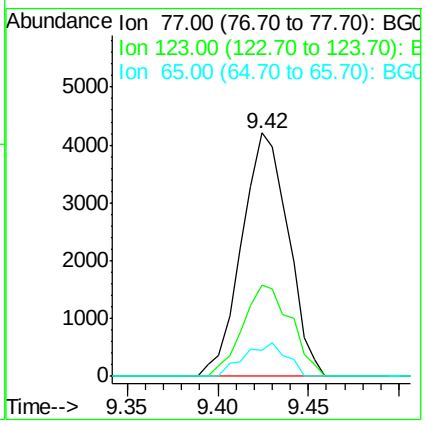




#24
Nitrobenzene
Concen: 2.67 ng
RT: 9.42 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion: 77 Resp: 7500

Ion	Ratio	Lower	Upper
77	100		
123	37.6	32.2	48.4
65	10.6	10.3	15.5



Instrument :
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ClientSampleId :
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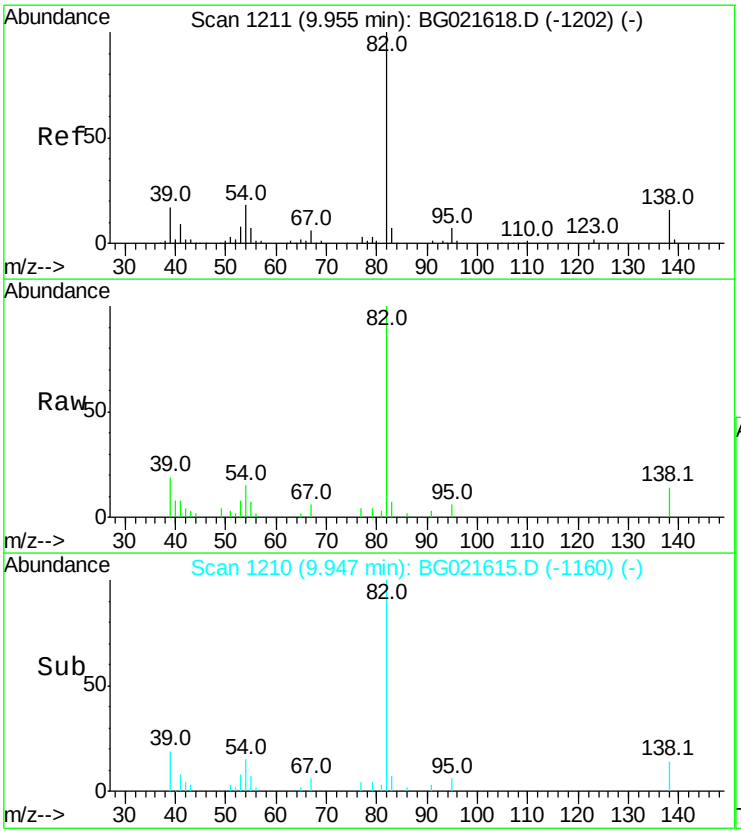
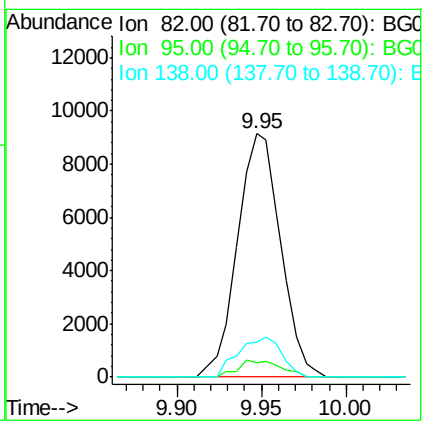
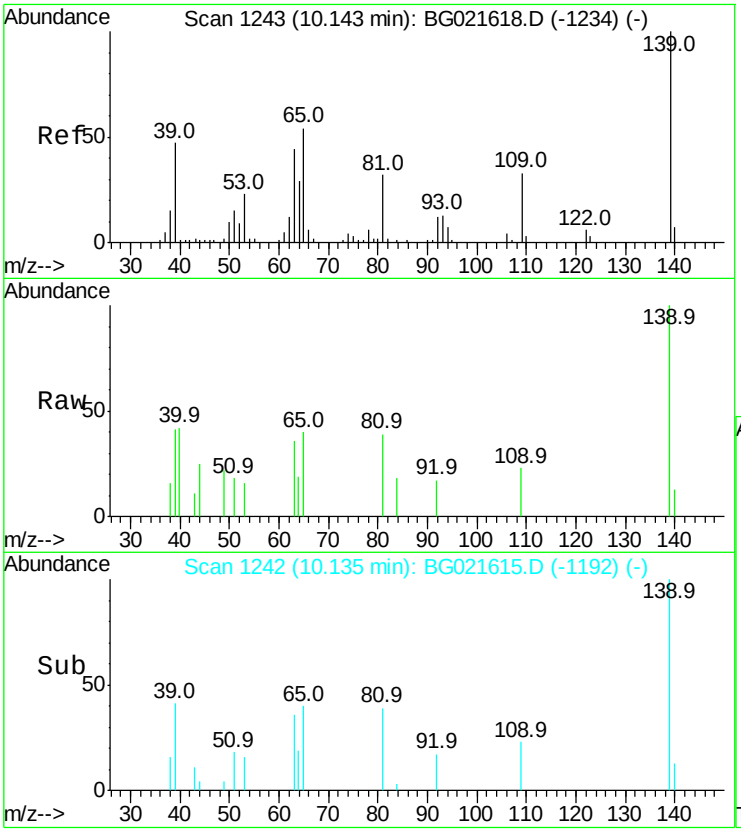


#25
Isophorone
Concen: 2.16 ng
RT: 9.95 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion: 82 Resp: 16202

Ion	Ratio	Lower	Upper
82	100		
95	6.1	6.0	9.0
138	14.5	13.4	20.0





#26
2-Nitrophenol
Concen: 2.73 ng
RT: 10.13 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:139 Resp: 2754

Ion	Ratio	Lower	Upper
139	100		
109	23.1	26.6	40.0#
65	40.5	45.3	67.9#

Instrument :
BNA_G
ClientSampleId :
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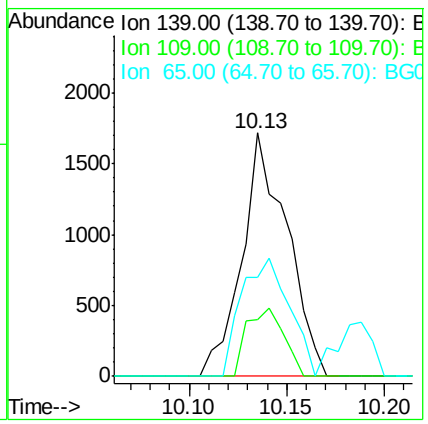
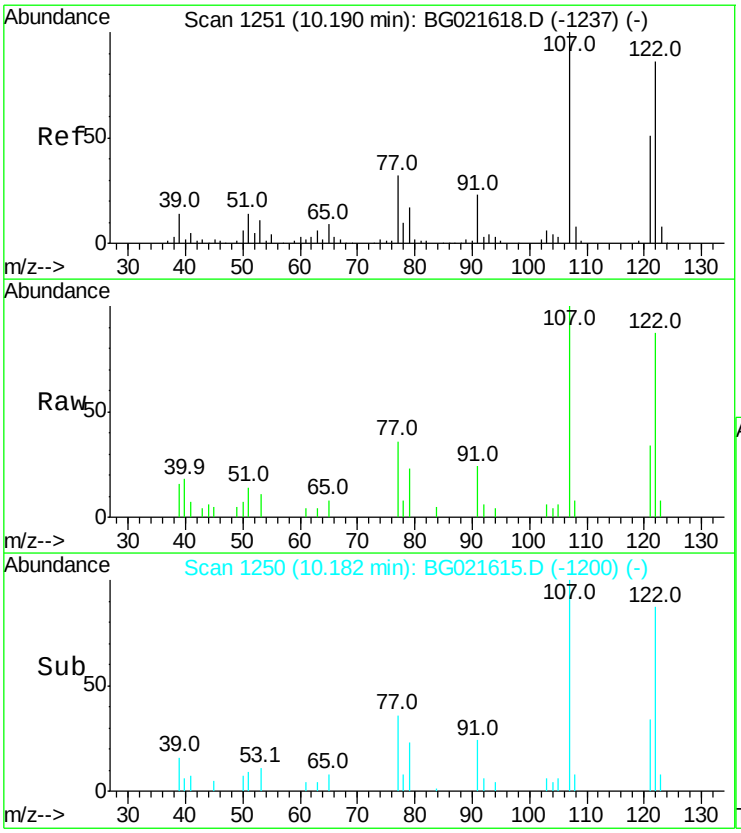
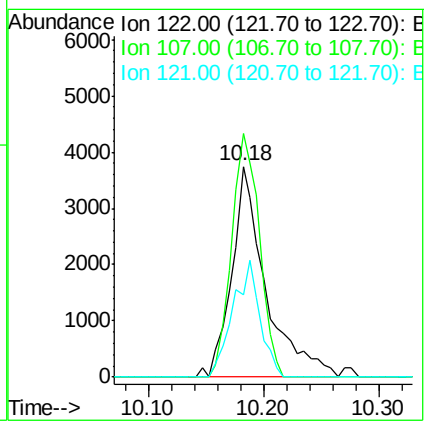


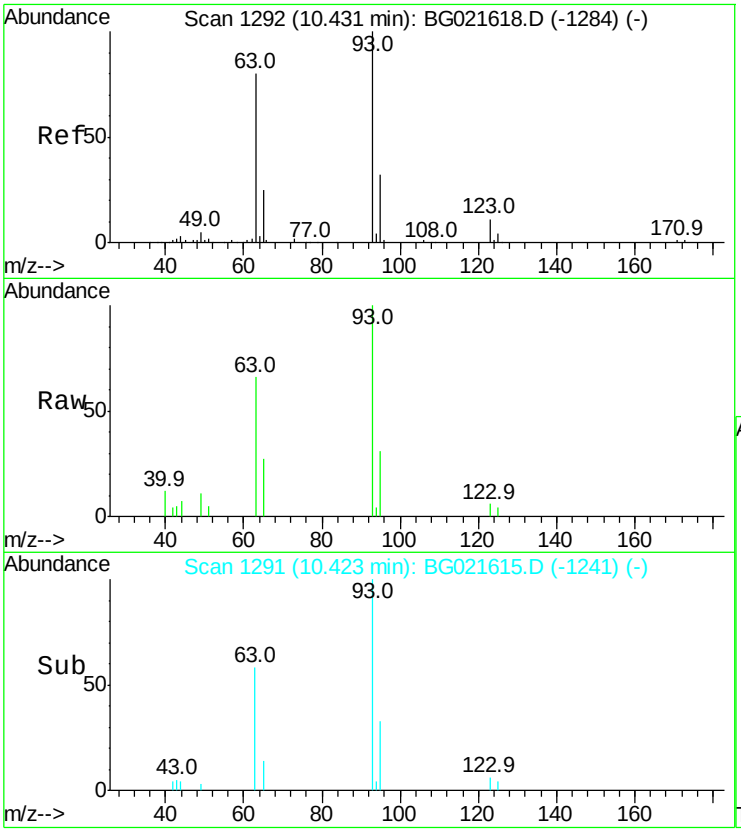


#27
2,4-Dimethylphenol
Concen: 2.75 ng
RT: 10.18 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:122 Resp: 7633

Ion	Ratio	Lower	Upper
122	100		
107	115.5	97.2	145.8
121	39.0	49.0	73.4#

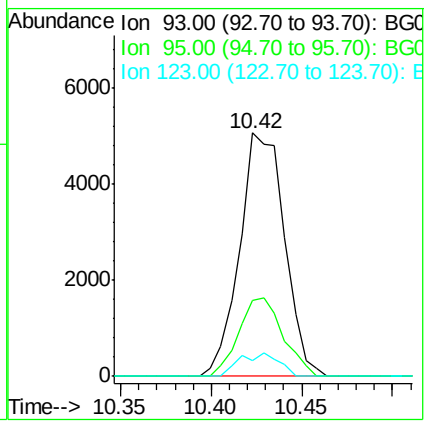




#28
bis(2-Chloroethoxy)methane
Concen: 2.65 ng
RT: 10.42 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion: 93 Resp: 8698

Ion	Ratio	Lower	Upper
93	100		
95	31.4	30.1	45.1
123	6.2	10.2	15.4#



Instrument :
BNA_G
ClientSampleId :
SSTDICC02.5

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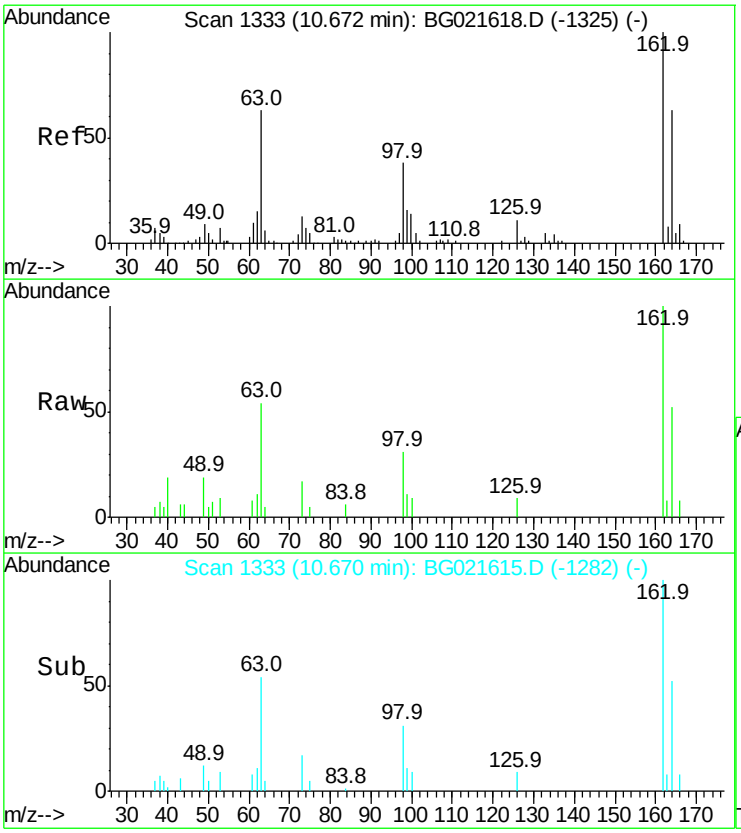
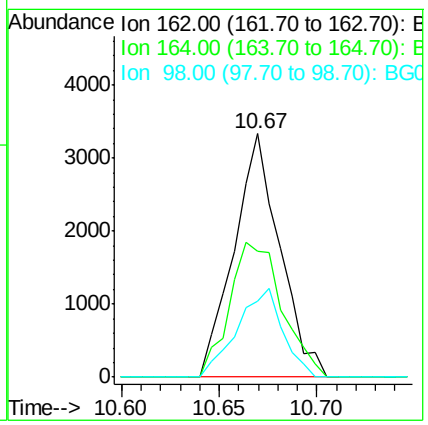
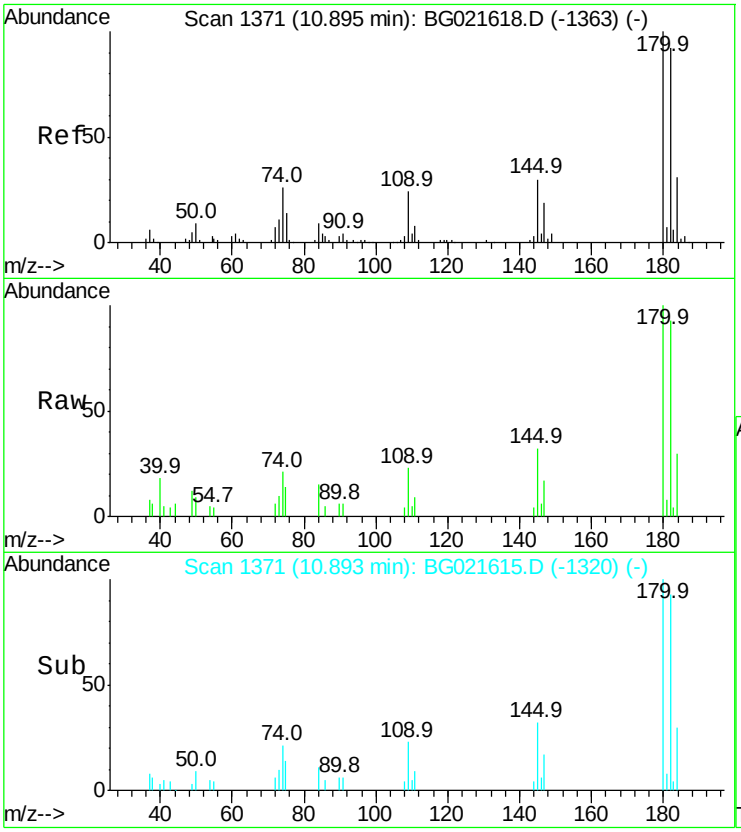


#29
2,4-Dichlorophenol
Concen: 2.31 ng
RT: 10.67 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:162 Resp: 5410

Ion	Ratio	Lower	Upper
162	100		
164	51.9	44.9	84.9
98	31.4	19.2	59.2

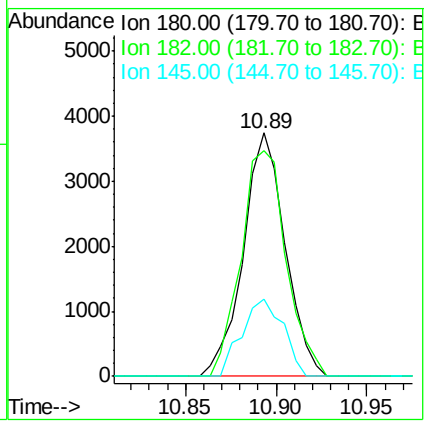




#30
1,2,4-Trichlorobenzene
Concen: 2.91 ng
RT: 10.89 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:180 Resp: 6010

Ion	Ratio	Lower	Upper
180	100		
182	92.5	82.3	123.5
145	31.8	24.4	36.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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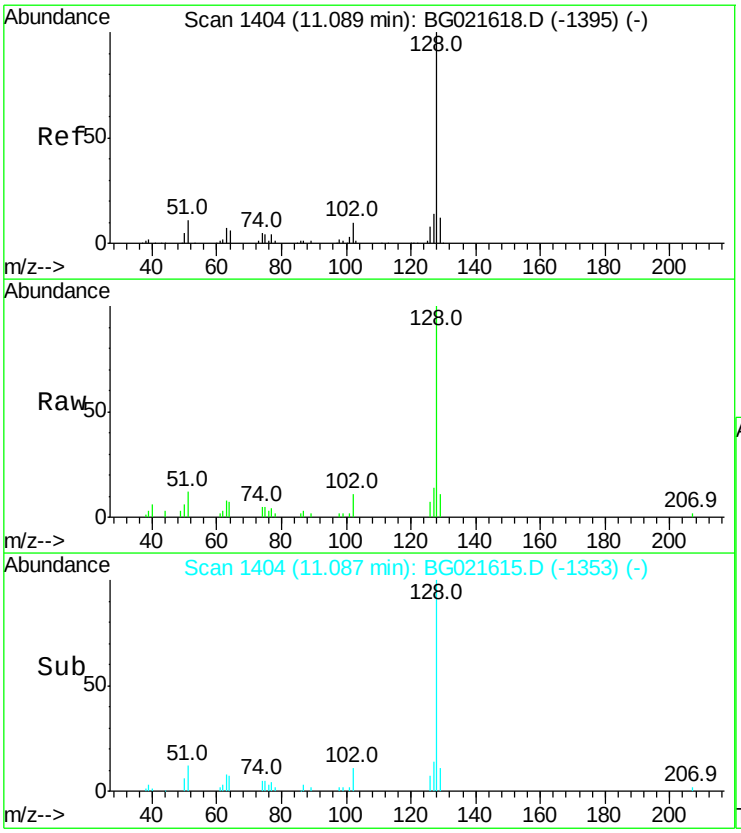
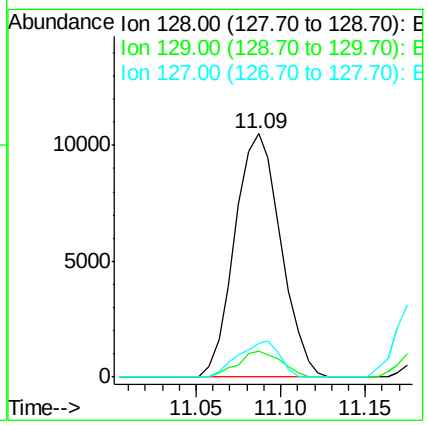
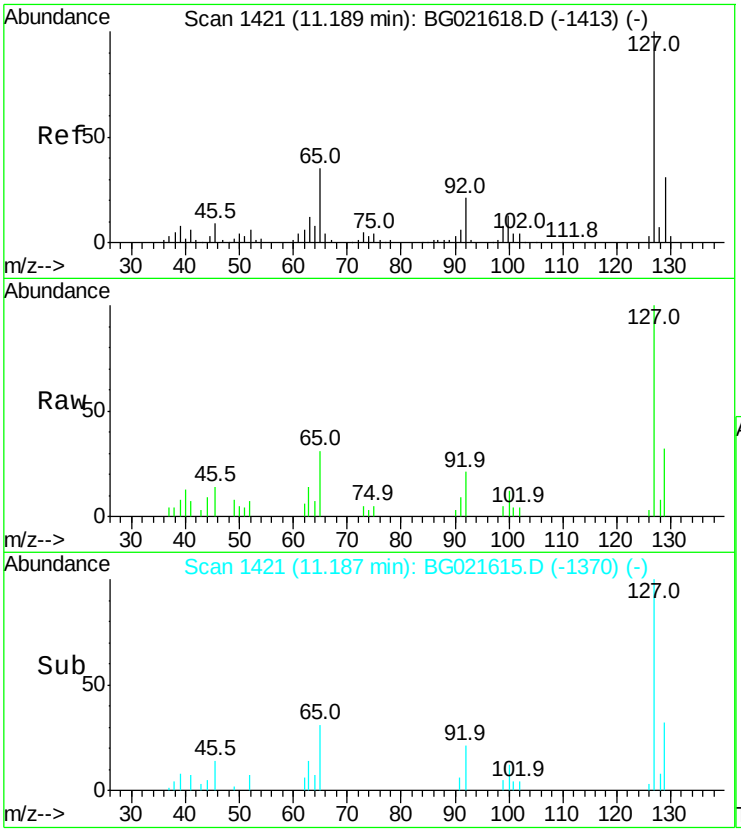


#31
Naphthalene
Concen: 2.72 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:128 Resp: 19879

Ion	Ratio	Lower	Upper
128	100		
129	10.8	7.0	10.6#
127	14.0	10.1	15.1

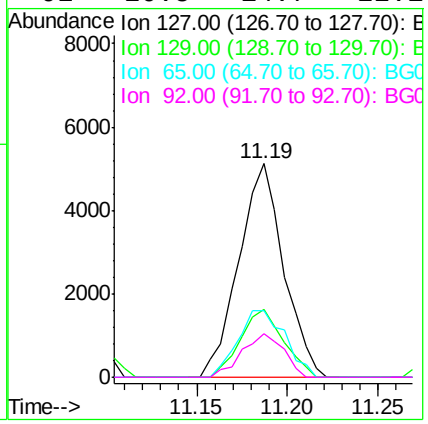




#33
4-Chloroaniline
Concen: 2.05 ng
RT: 11.19 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:127 Resp: 8787

Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.6	39.8
65	31.3	27.5	41.3
92	20.5	14.7	22.1



Instrument :
BNA_G
ClientSampleId :
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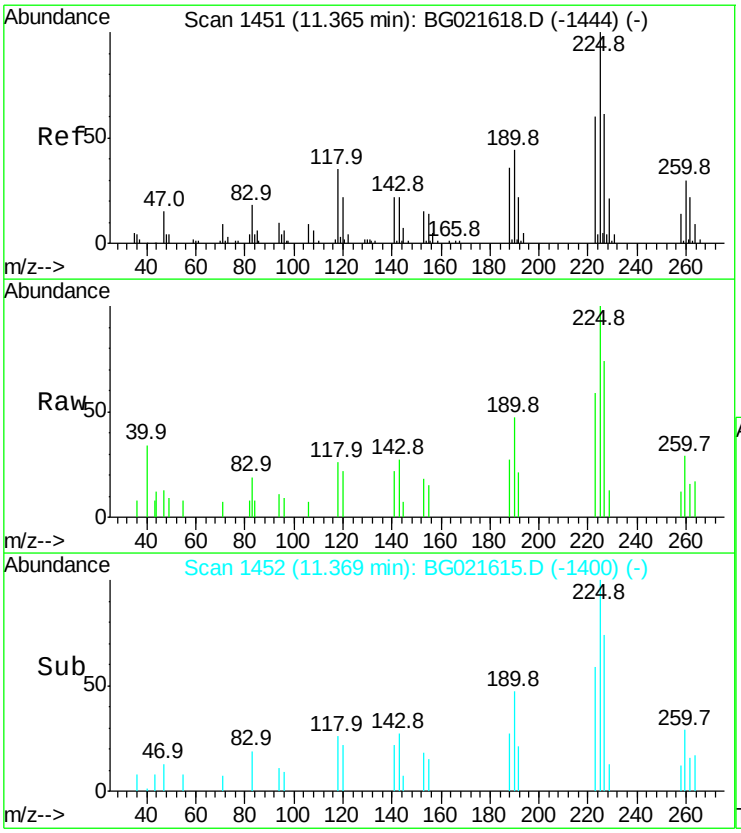
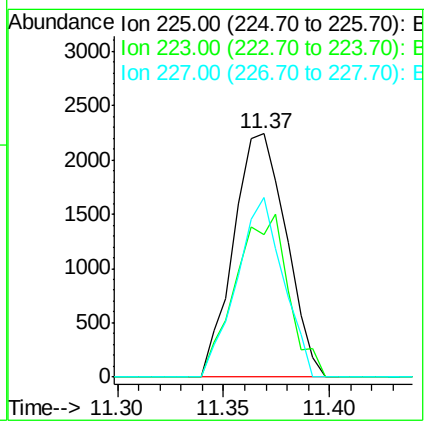
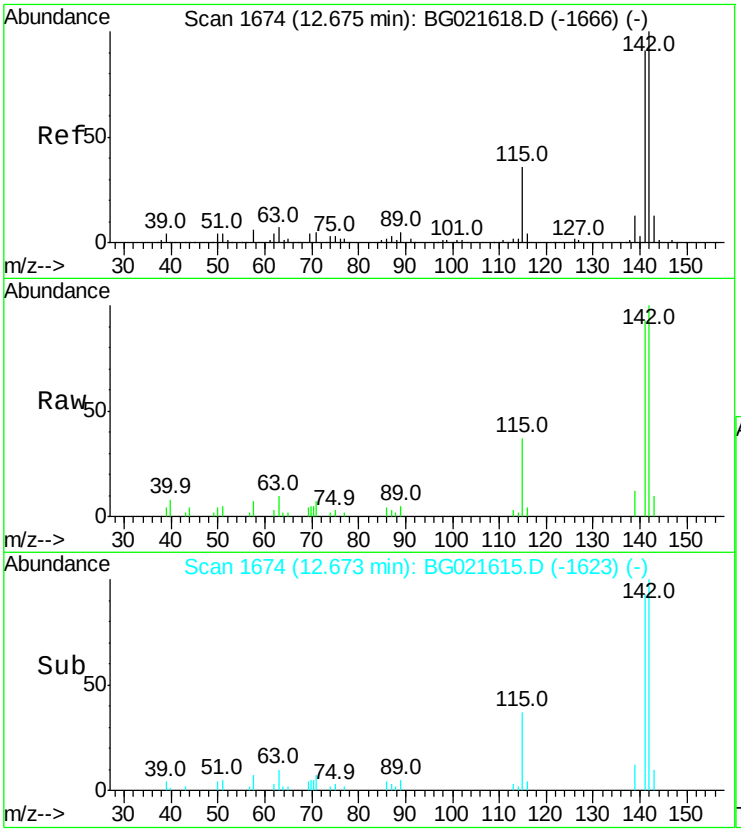


#34
Hexachlorobutadiene
Concen: 3.38 ng
RT: 11.37 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:225 Resp: 3869

Ion	Ratio	Lower	Upper
225	100		
223	58.7	52.7	79.1
227	73.6	49.7	74.5

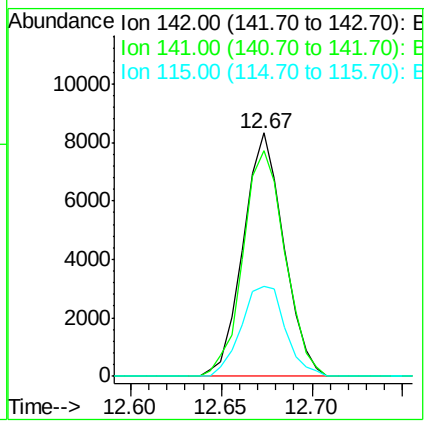




#37
2-Methylnaphthalene
Concen: 2.14 ng
RT: 12.67 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:142 Resp: 12925

Ion	Ratio	Lower	Upper
142	100		
141	92.9	71.4	107.0
115	37.0	27.4	41.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC02.5

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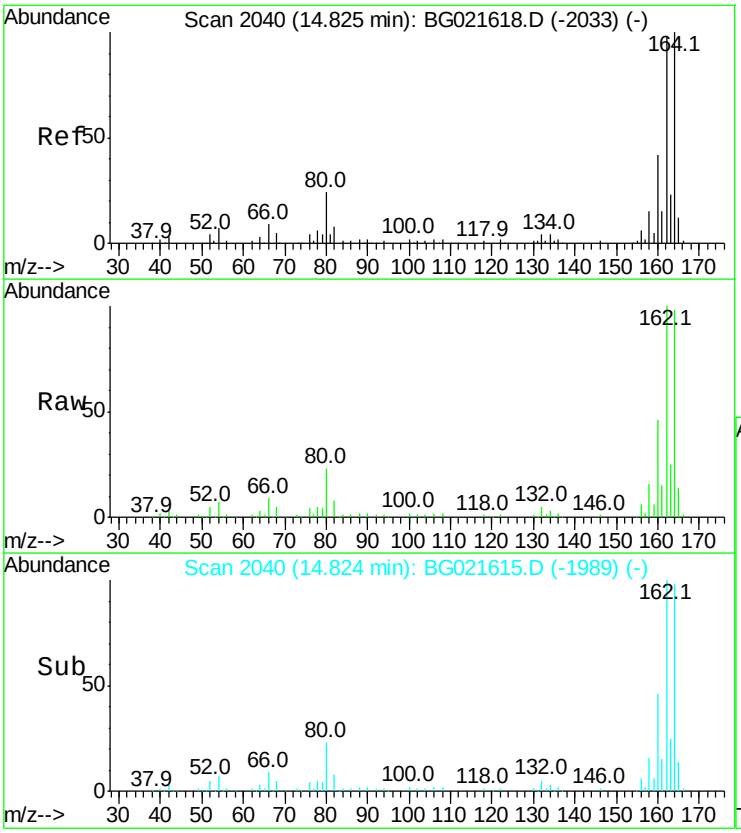
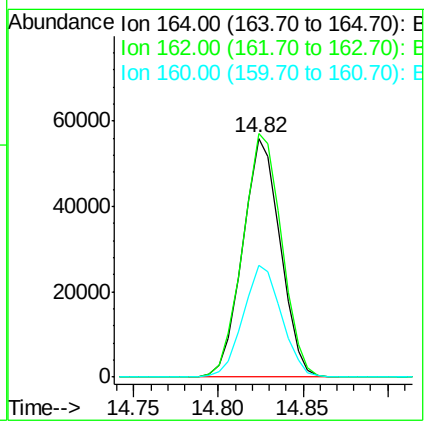
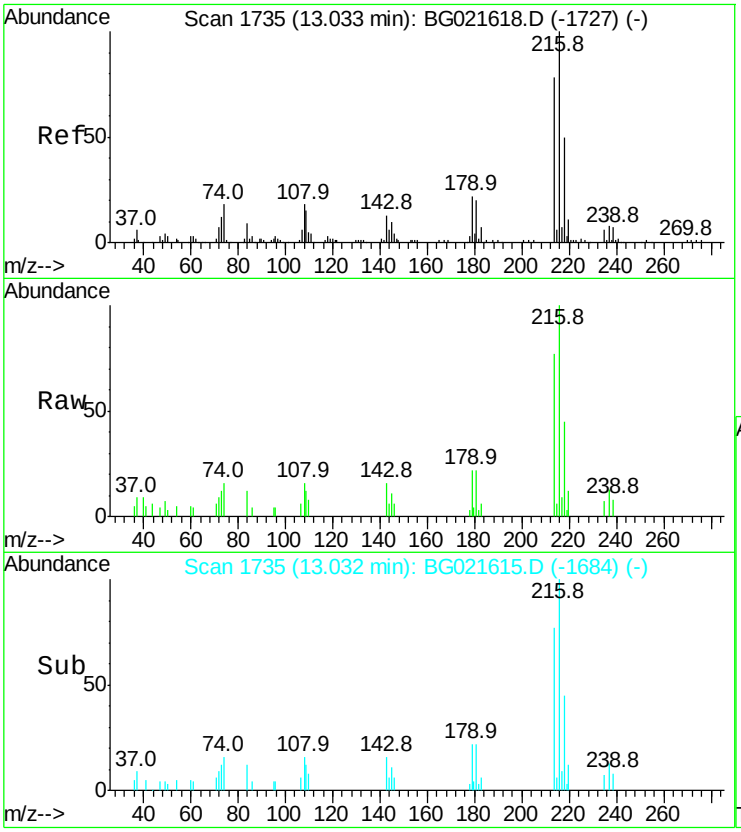


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:164 Resp: 86690

Ion	Ratio	Lower	Upper
164	100		
162	102.0	78.0	117.0
160	46.8	32.9	49.3

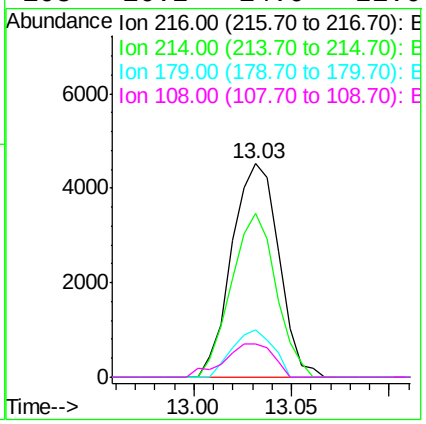




#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.59 ng
RT: 13.03 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:216 Resp: 7510

Ion	Ratio	Lower	Upper
216	100		
214	73.4	62.2	93.2
179	19.3	16.7	25.1
108	16.2	14.0	21.0



Instrument :
BNA_G
ClientSampleId :
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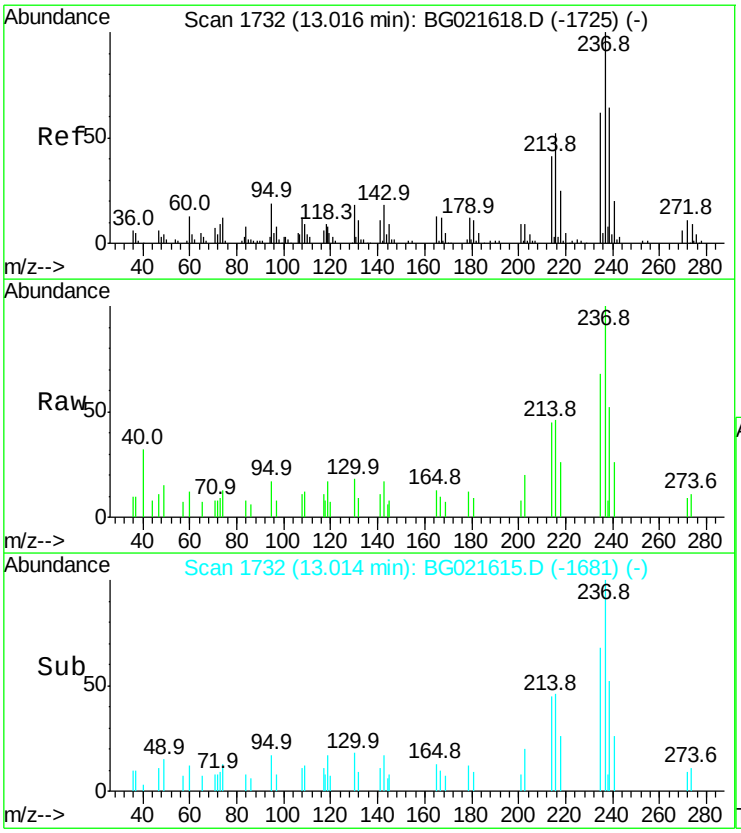
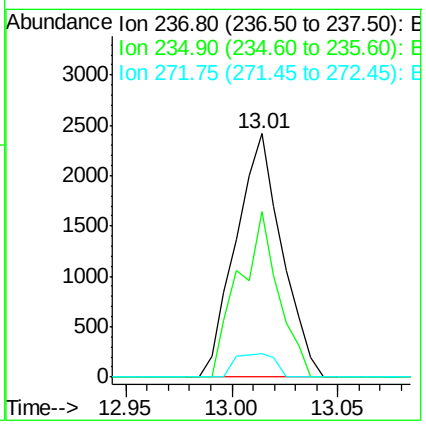
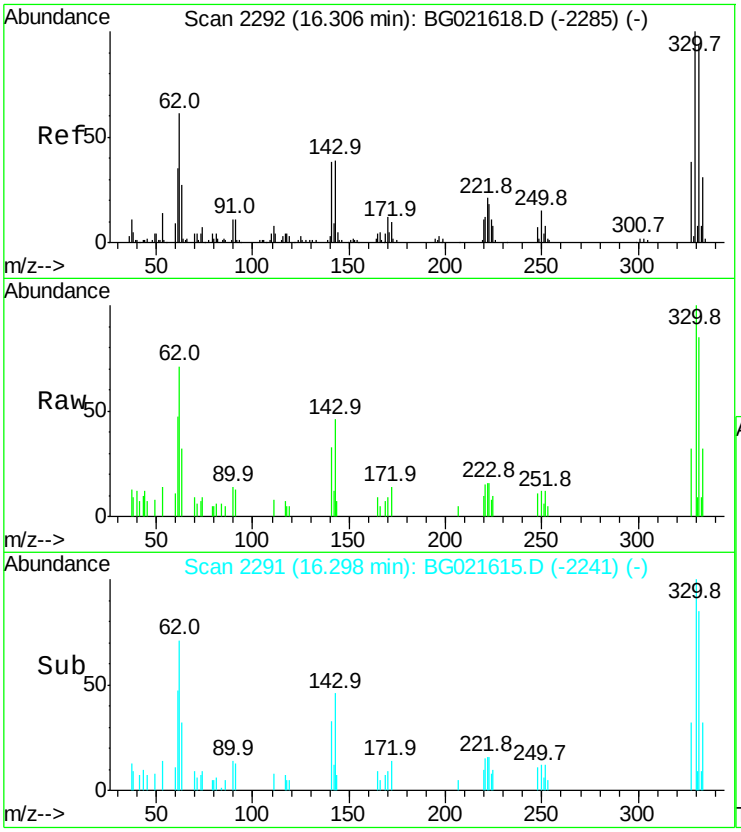


#40
Hexachlorocyclopentadiene
Concen: 4.14 ng
RT: 13.01 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:237 Resp: 3655

Ion	Ratio	Lower	Upper
237	100		
235	68.1	43.2	83.2
272	9.4	0.0	33.4





#41
2,4,6-Tribromophenol
Concen: 3.60 ng
RT: 16.30 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:330 Resp: 4677

Ion	Ratio	Lower	Upper
330	100		
332	92.4	78.0	117.0
141	36.7	33.8	50.8

Instrument :
BNA_G
ClientSampleId :
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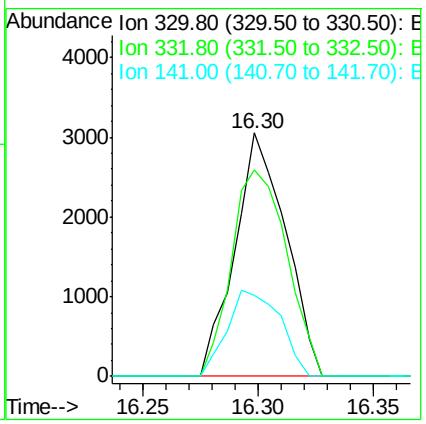
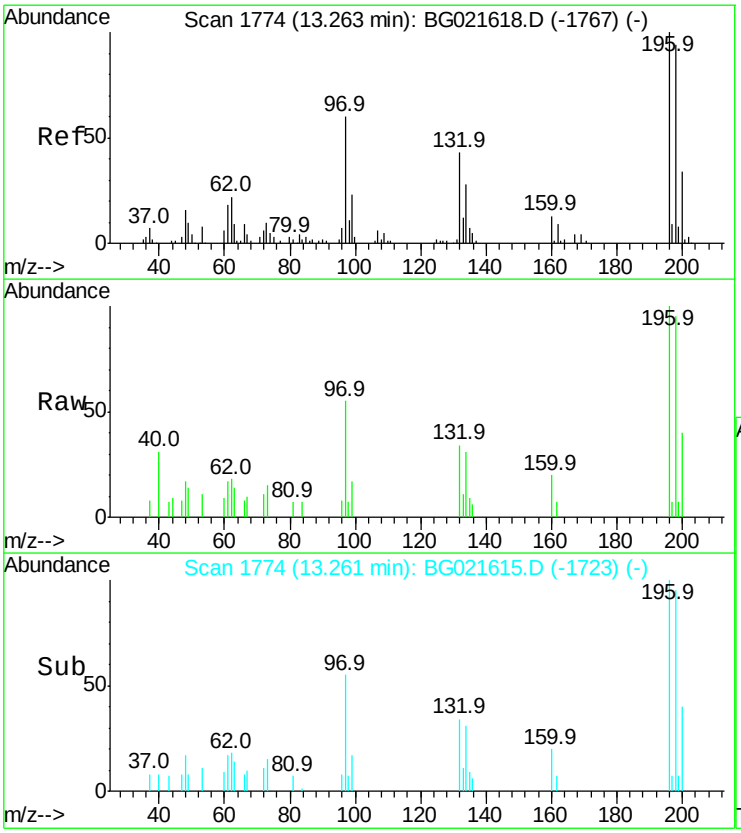
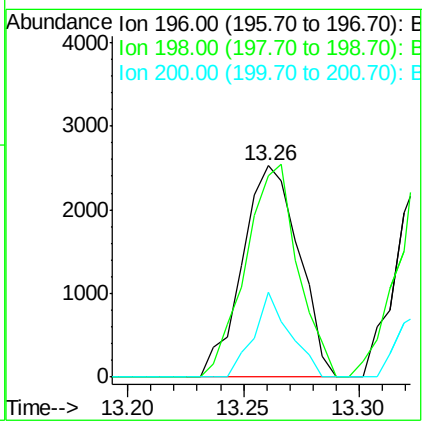


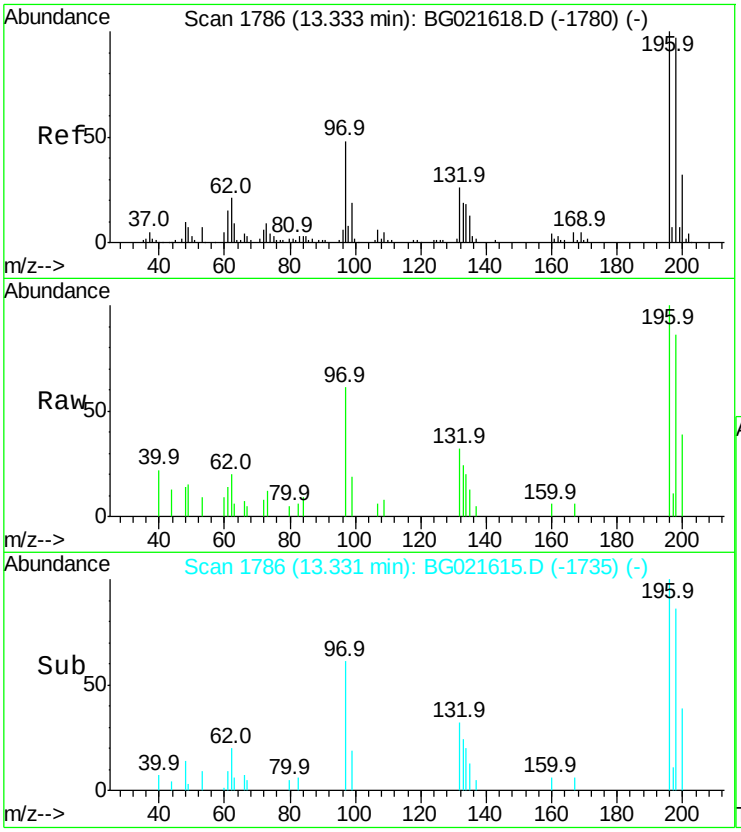


#42
2,4,6-Trichlorophenol
Concen: 2.72 ng
RT: 13.26 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:196 Resp: 4309

Ion	Ratio	Lower	Upper
196	100		
198	95.5	80.1	120.1
200	40.0	24.1	36.1#

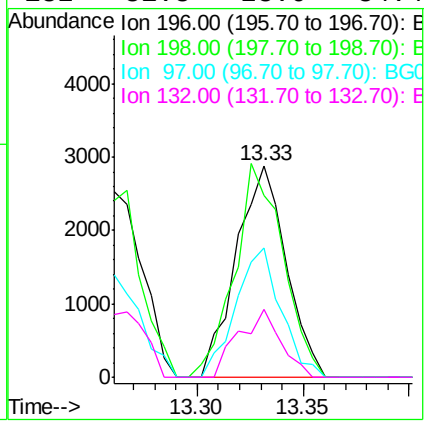




#43
2,4,5-Trichlorophenol
Concen: 2.45 ng
RT: 13.33 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:196 Resp: 4719

Ion	Ratio	Lower	Upper
196	100		
198	86.0	78.0	117.0
97	61.0	43.0	64.6
132	31.8	23.0	34.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC02.5

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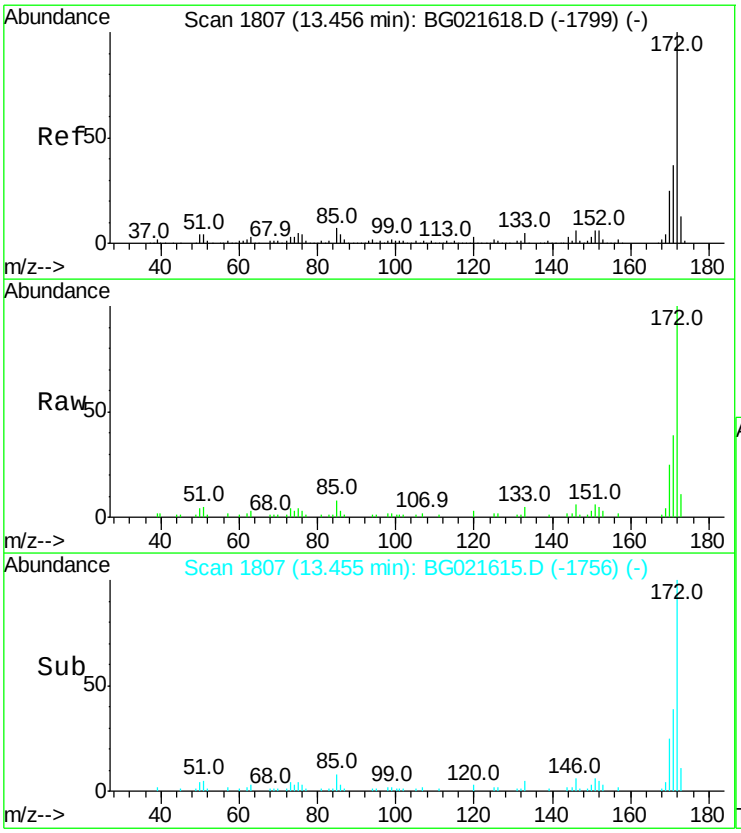
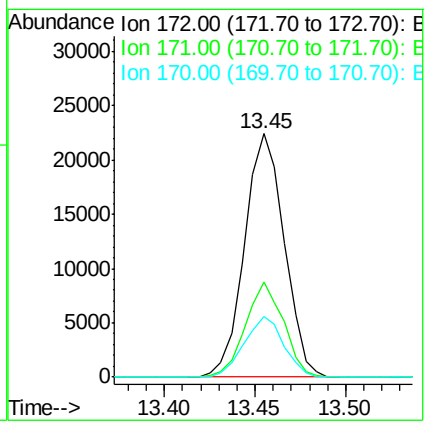
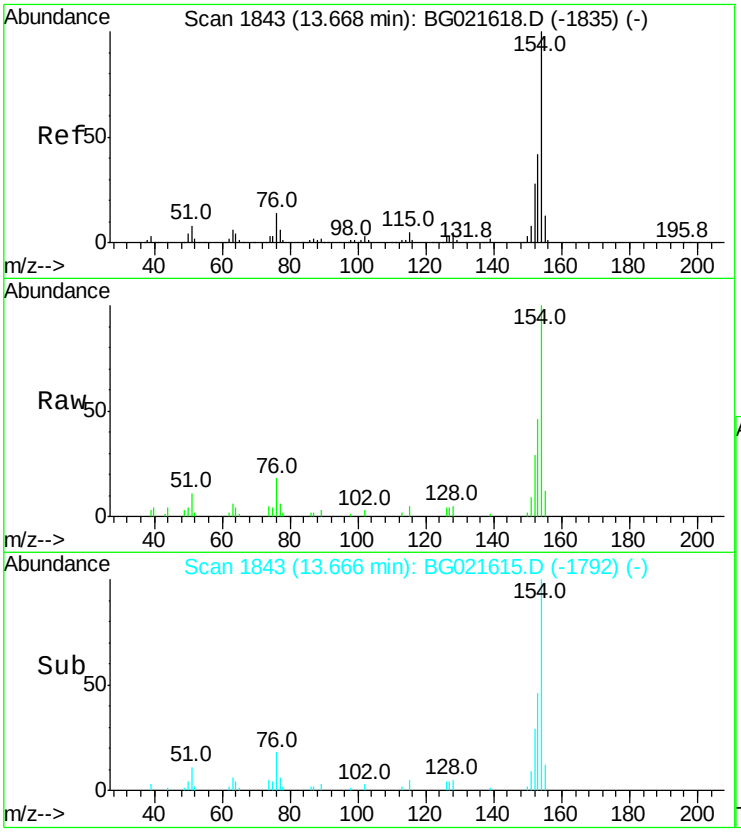


#44
2-Fluorobiphenyl
Concen: 6.68 ng
RT: 13.45 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:172 Resp: 34104

Ion	Ratio	Lower	Upper
172	100		
171	39.2	27.8	41.6
170	25.1	19.6	29.4

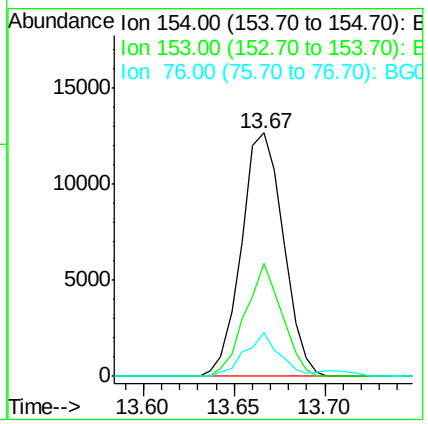




#45
1,1'-Biphenyl
Concen: 3.16 ng
RT: 13.67 min Scan# 1843
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:154 Resp: 20333

Ion	Ratio	Lower	Upper
154	100		
153	46.2	19.7	59.7
76	18.0	0.0	33.0



Instrument :
BNA_G
ClientSampleId :
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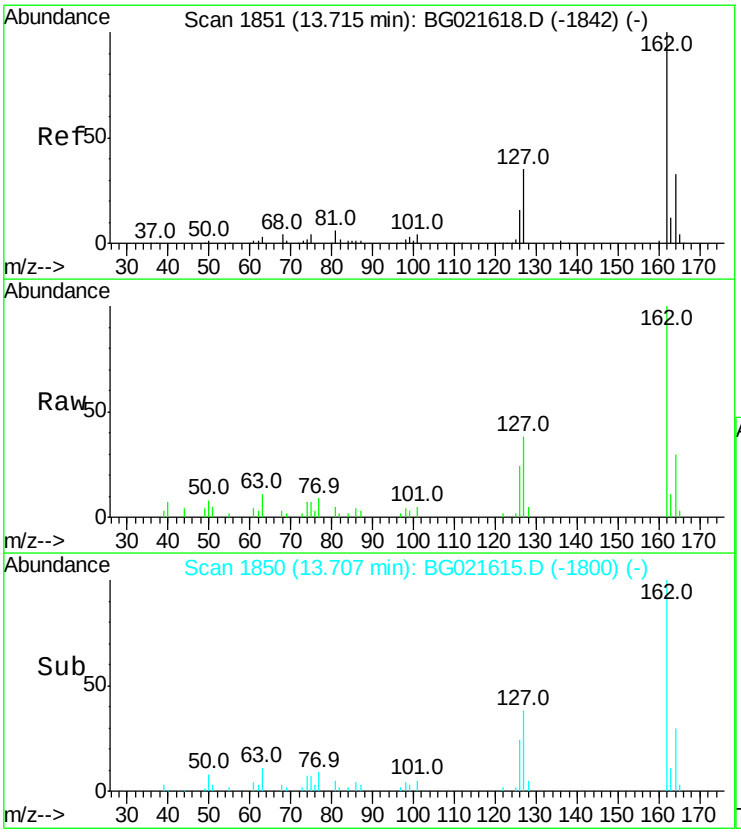
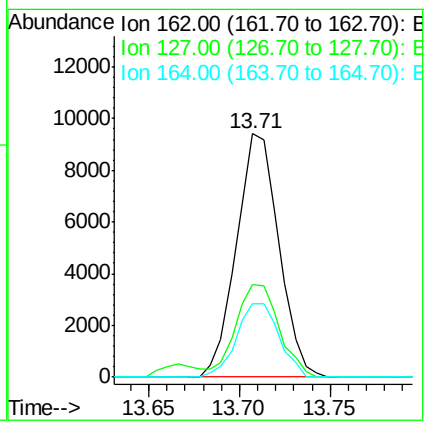
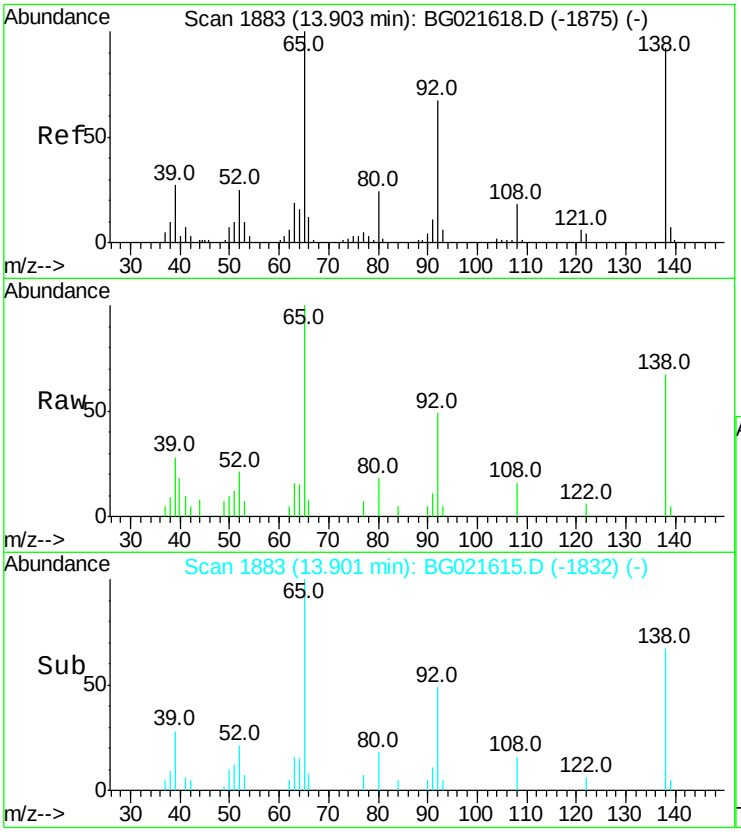


#46
2-Chloronaphthalene
Concen: 3.19 ng
RT: 13.71 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:162 Resp: 15275

Ion	Ratio	Lower	Upper
162	100		
127	38.2	32.0	48.0
164	30.2	27.0	40.4

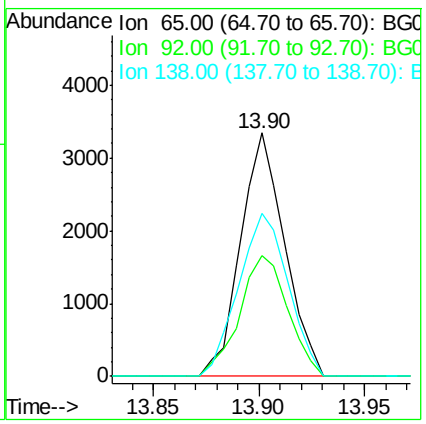




#47
2-Nitroaniline
Concen: 2.16 ng
RT: 13.90 min Scan# 1883
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion: 65 Resp: 4839

Ion	Ratio	Lower	Upper
65	100		
92	49.4	49.2	73.8
138	67.1	75.0	112.6#



Instrument :
BNA_G
ClientSampleId :
SSTDICC02.5

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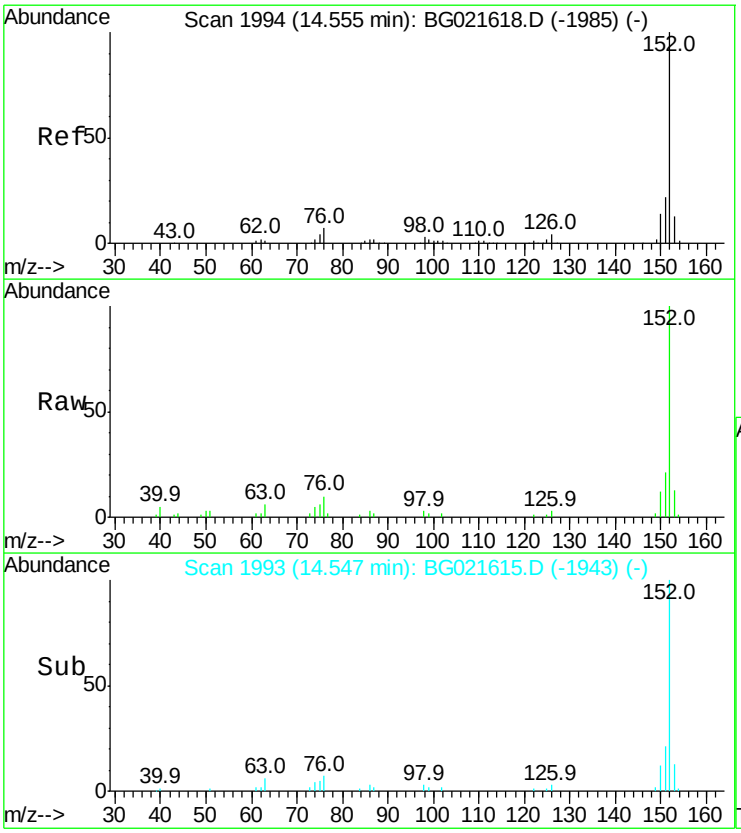
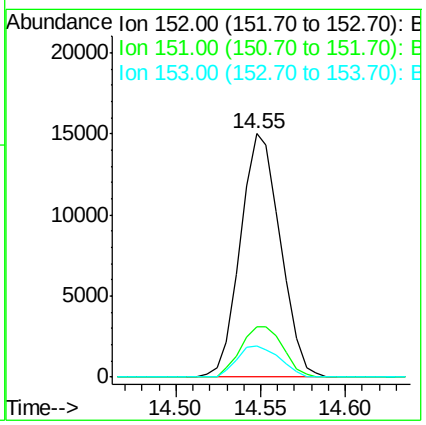
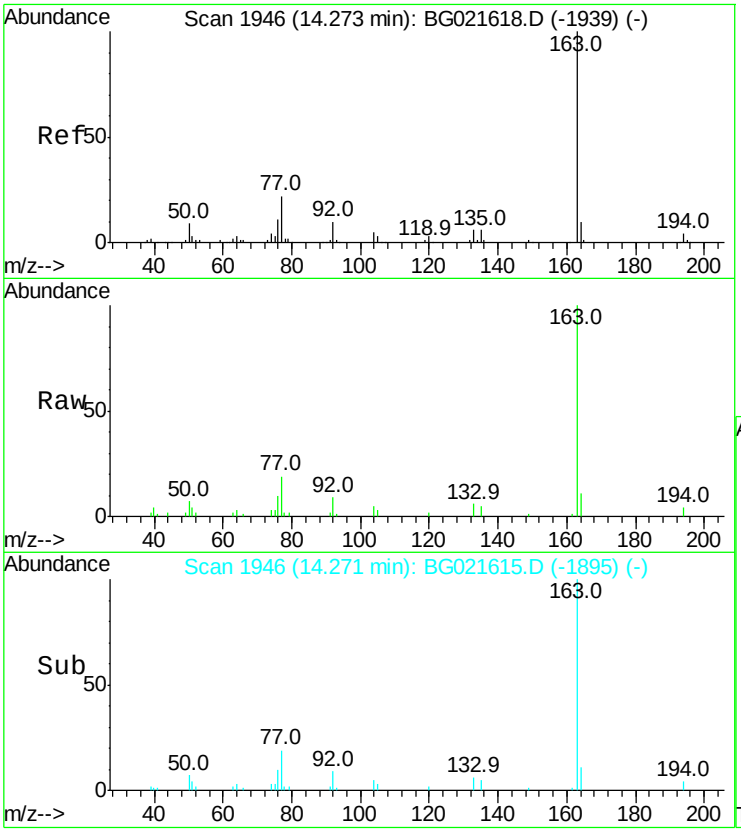


#48
Acenaphthylene
Concen: 2.66 ng
RT: 14.55 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:152 Resp: 24592

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.6	24.8
153	13.0	10.2	15.2

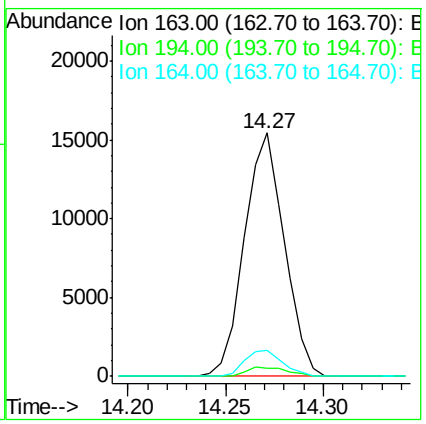




#49
Dimethylphthalate
Concen: 2.27 ng
RT: 14.27 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:163 Resp: 21814

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.6
164	10.9	8.1	12.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC02.5

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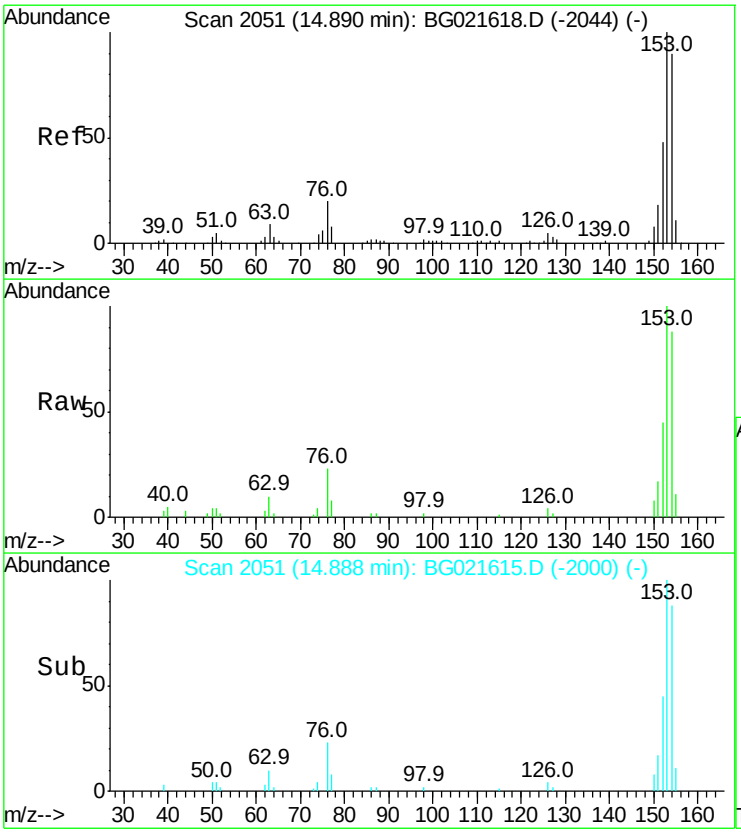
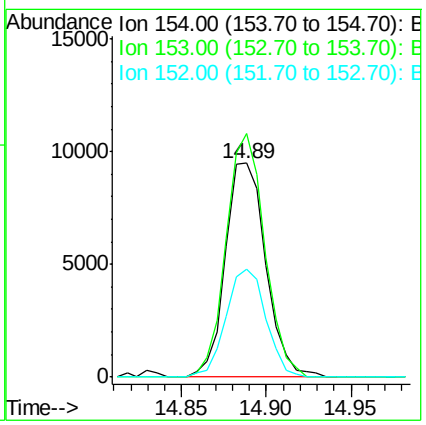
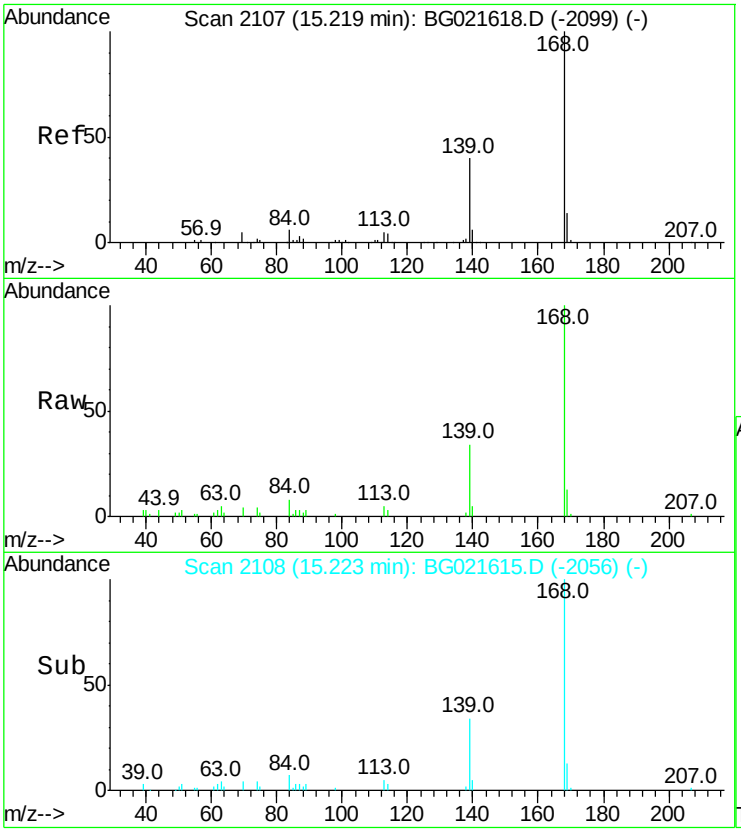


#51
Acenaphthene
Concen: 2.64 ng
RT: 14.89 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:154 Resp: 15845

Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.9	137.9
152	50.6	42.0	63.0

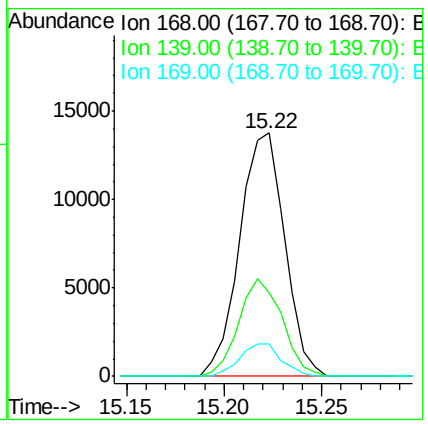




#54
Dibenzofuran
Concen: 2.52 ng
RT: 15.22 min Scan# 2108
Delta R.T. 0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:168 Resp: 21954

Ion	Ratio	Lower	Upper
168	100		
139	34.3	31.1	46.7
169	13.2	11.0	16.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC02.5

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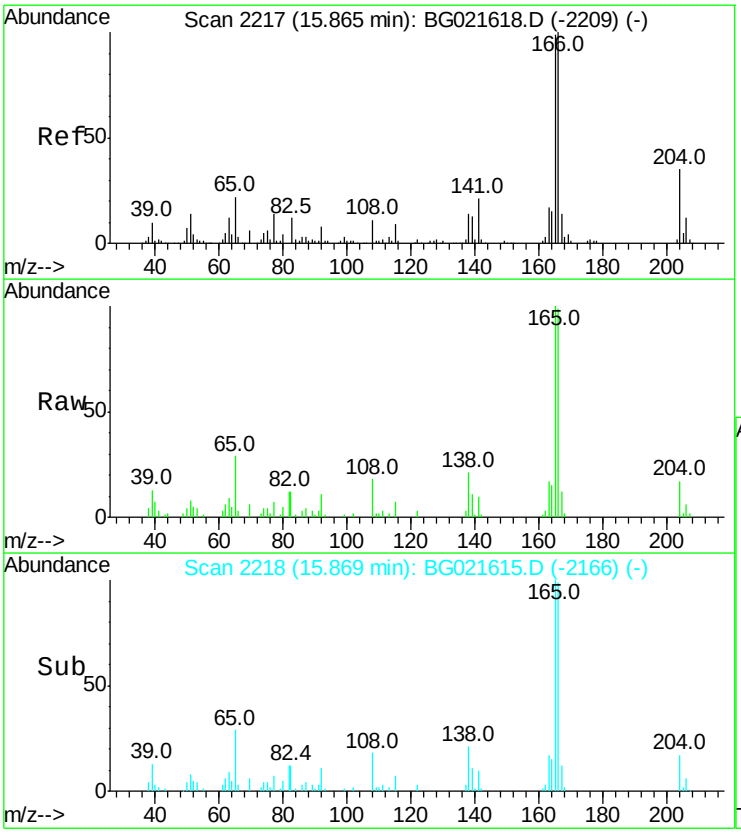
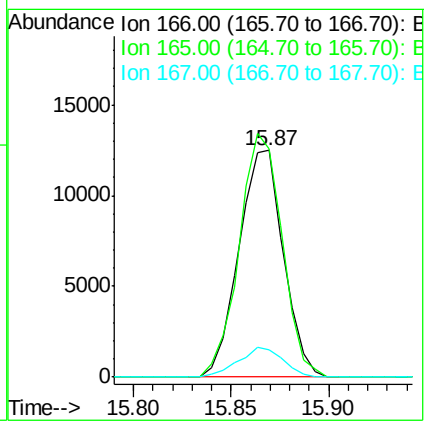
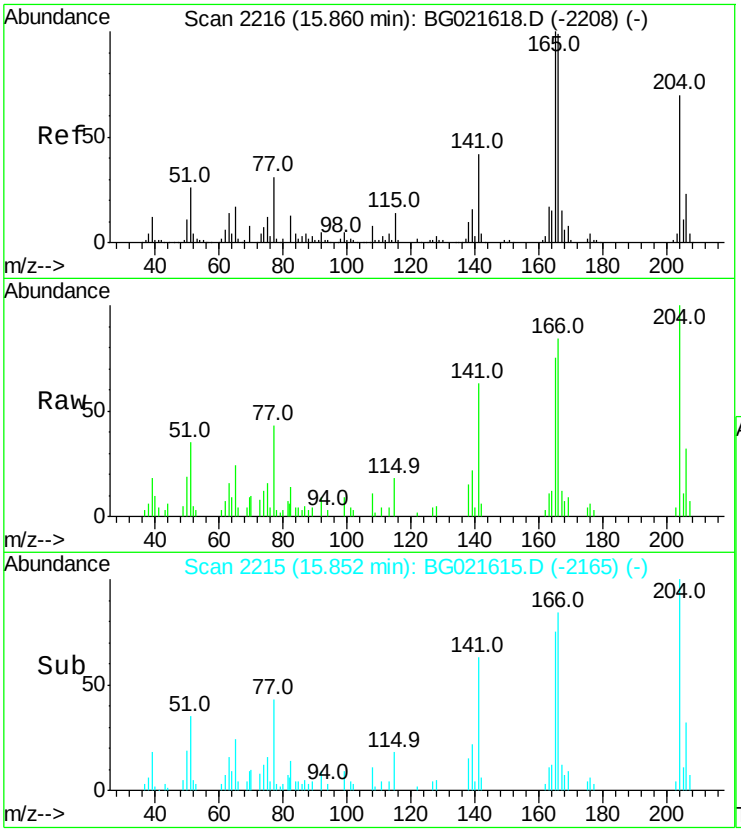


#57
Fluorene
Concen: 2.31 ng
RT: 15.87 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:166 Resp: 19703

Ion	Ratio	Lower	Upper
166	100		
165	101.0	79.0	118.4
167	12.1	10.7	16.1

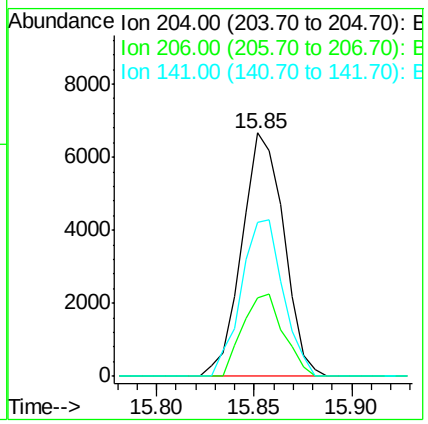




#60
4-Chlorophenyl-phenylether
Concen: 2.53 ng
RT: 15.85 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:204 Resp: 9919

Ion	Ratio	Lower	Upper
204	100		
206	32.2	27.8	41.8
141	63.3	51.0	76.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC02.5

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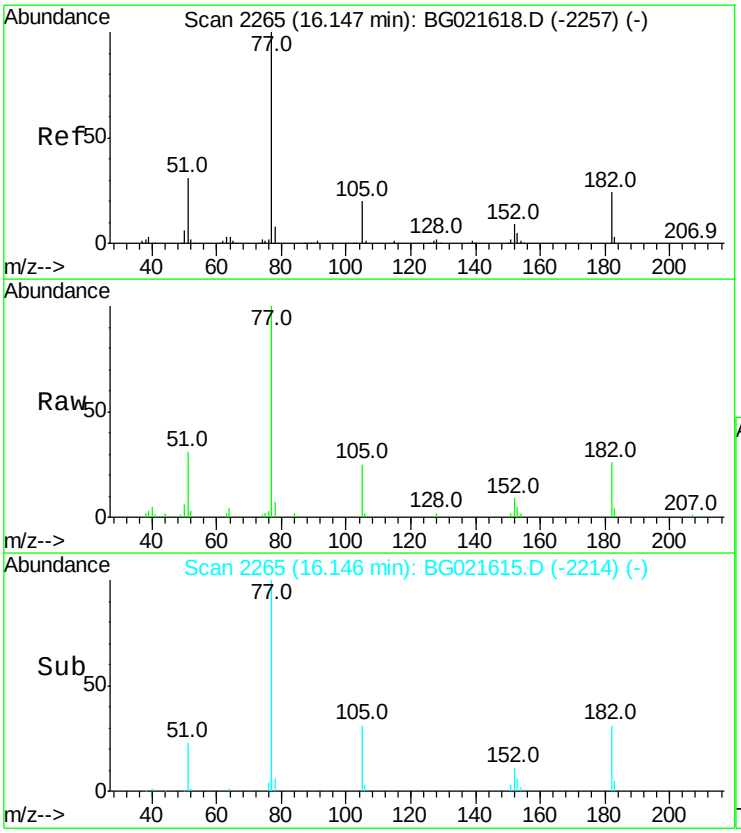
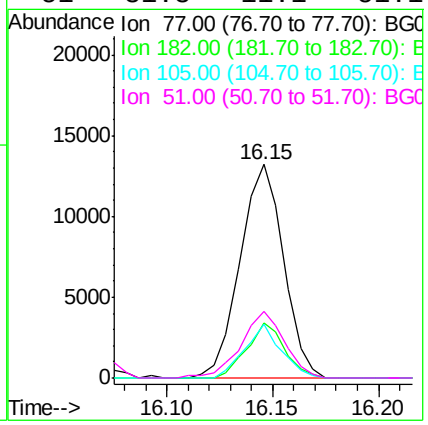
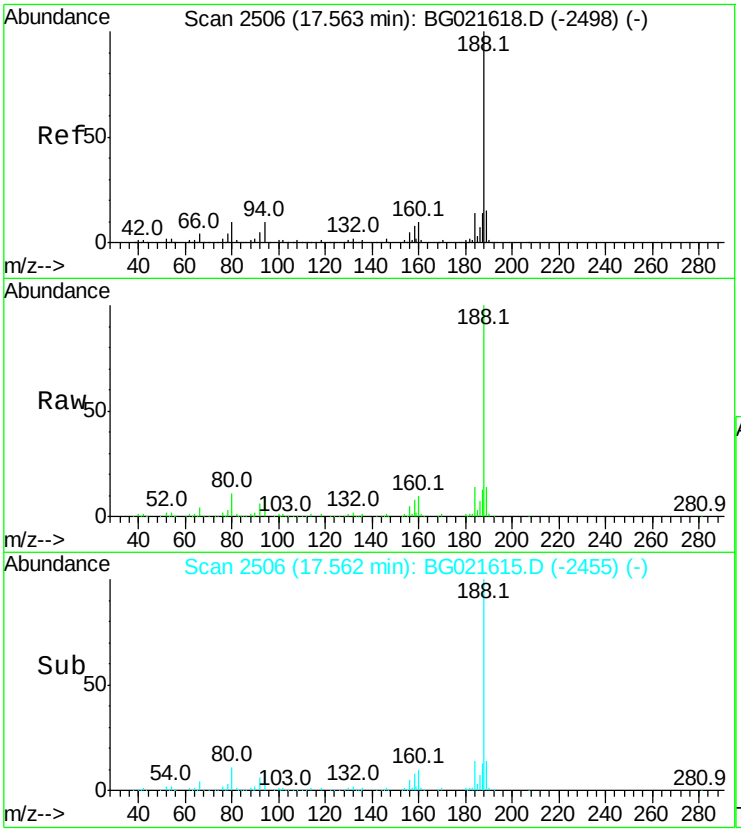


#62
Azobenzene
Concen: 2.18 ng
RT: 16.15 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion: 77 Resp: 18843

Ion	Ratio	Lower	Upper
77	100		
182	25.6	4.1	44.1
105	25.0	0.0	39.8
51	31.3	11.1	51.1

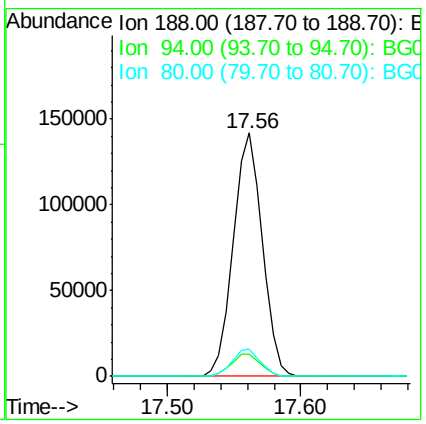




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:188 Resp: 214176

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.5	11.3
80	11.1	8.6	13.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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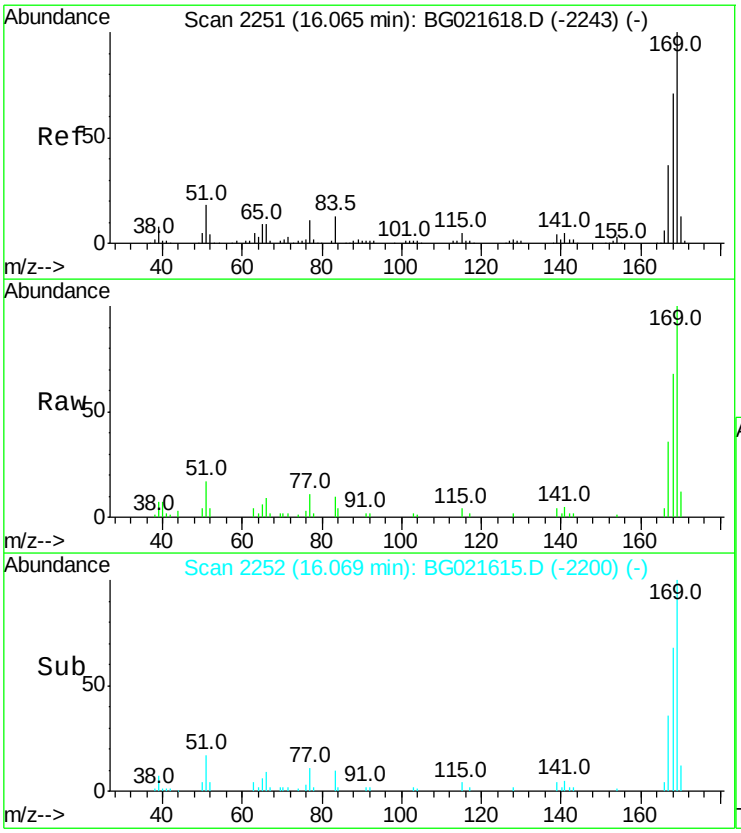
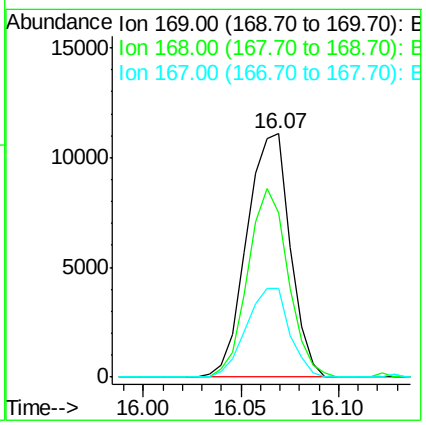
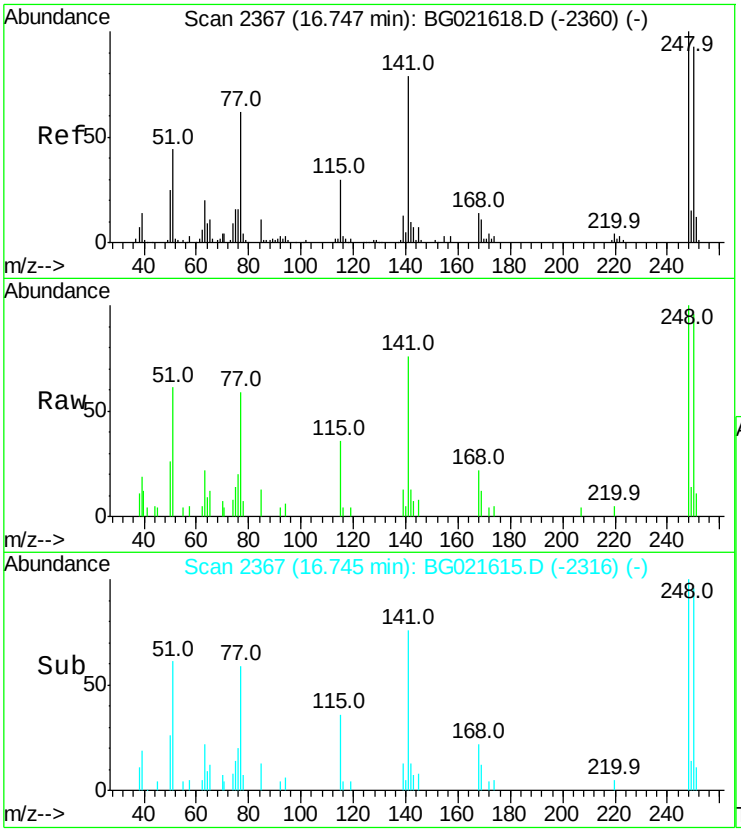


#65
n-Nitrosodiphenylamine
Concen: 3.03 ng
RT: 16.07 min Scan# 2252
Delta R.T. 0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:169 Resp: 17039

Ion	Ratio	Lower	Upper
169	100		
168	67.6	59.6	89.4
167	36.4	31.2	46.8

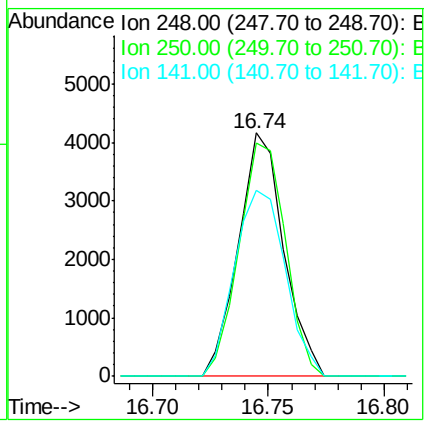




#66
4-Bromophenyl-phenylether
Concen: 2.91 ng
RT: 16.74 min Scan# 2367
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:248 Resp: 5722

Ion	Ratio	Lower	Upper
248	100		
250	95.9	76.6	114.8
141	76.4	63.8	95.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC02.5

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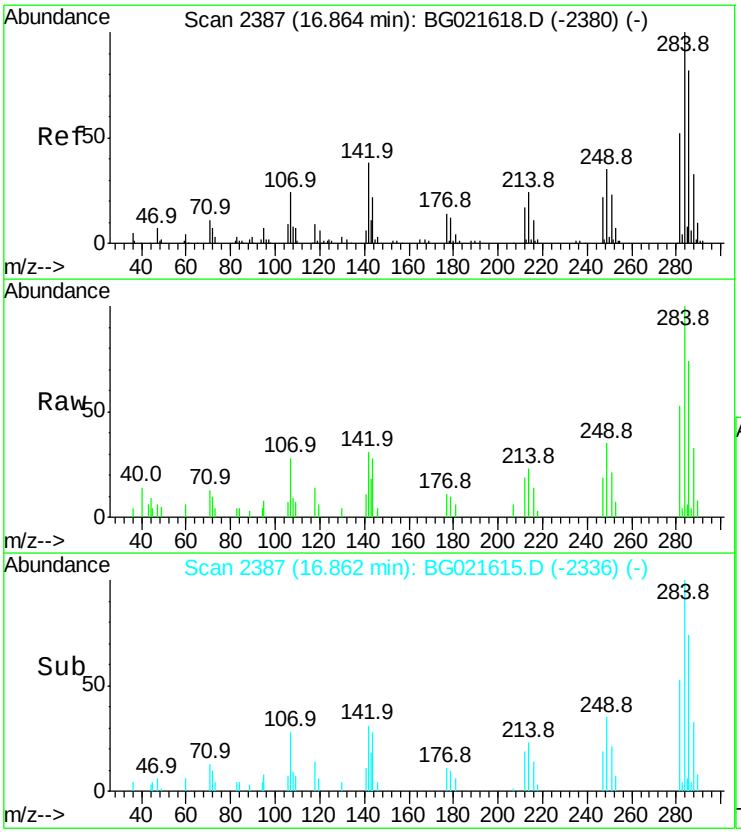
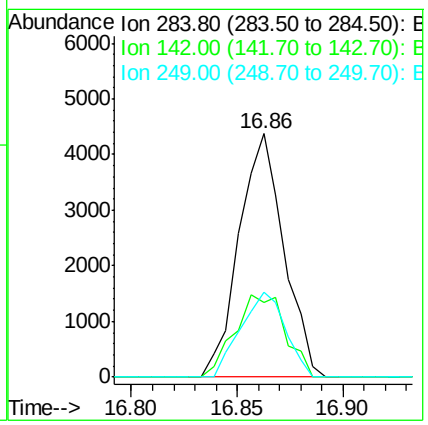
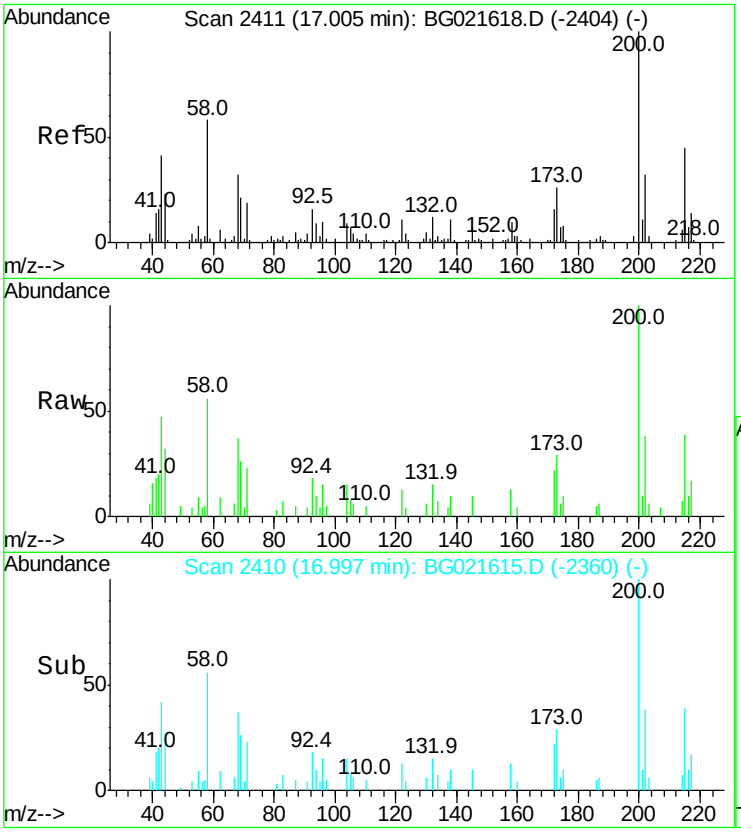


#67
Hexachlorobenzene
Concen: 3.17 ng
RT: 16.86 min Scan# 2387
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:284 Resp: 6439

Ion	Ratio	Lower	Upper
284	100		
142	30.7	31.8	47.6#
249	34.8	27.3	40.9

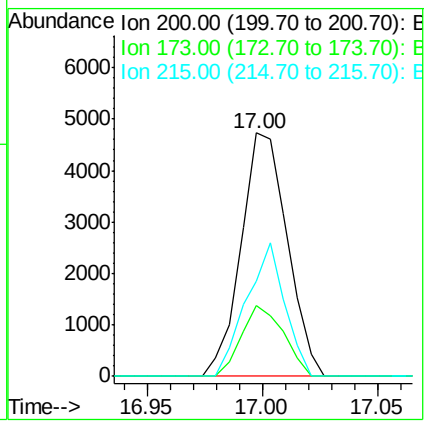




#68
Atrazine
Concen: 2.02 ng
RT: 17.00 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:200 Resp: 6602

Ion	Ratio	Lower	Upper
200	100		
173	29.1	5.1	45.1
215	39.0	28.0	68.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC02.5

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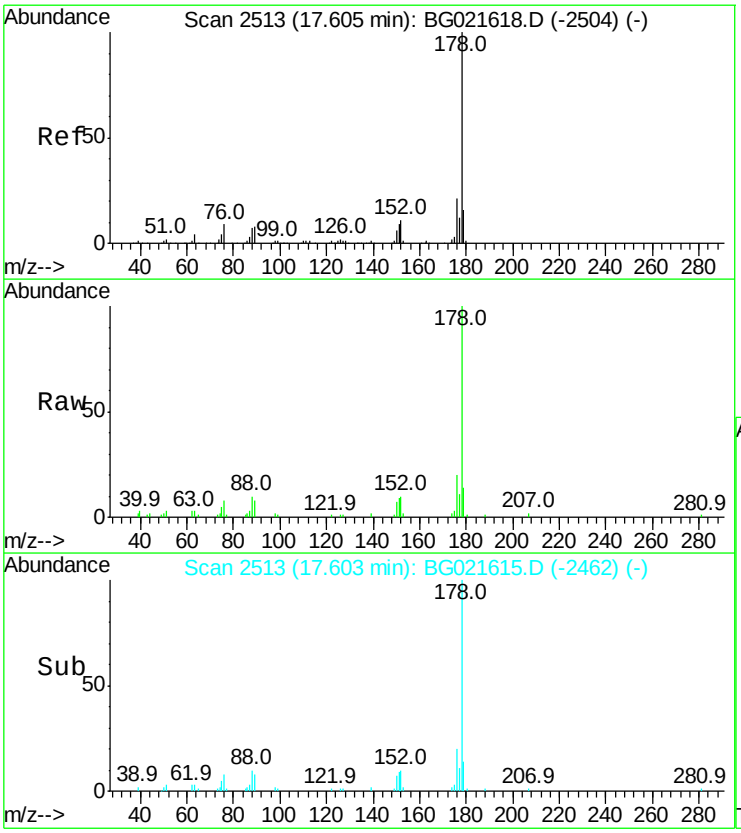
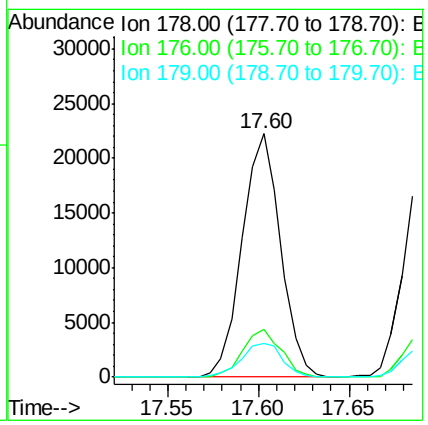
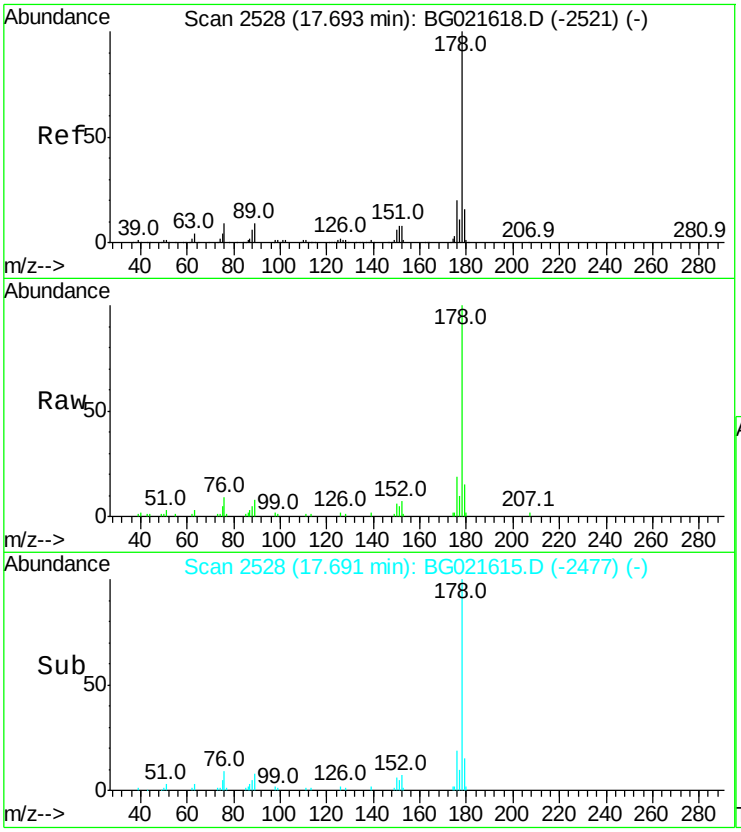


#70
Phenanthrene
Concen: 2.70 ng
RT: 17.60 min Scan# 2513
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:178 Resp: 32762

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	14.0	12.0	18.0

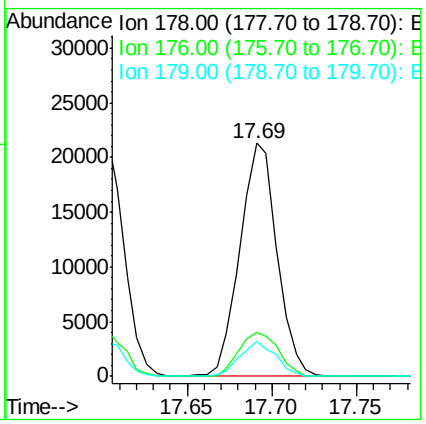




#71
Anthracene
Concen: 2.61 ng
RT: 17.69 min Scan# 2528
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:178 Resp: 32653

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	14.9	12.2	18.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC02.5

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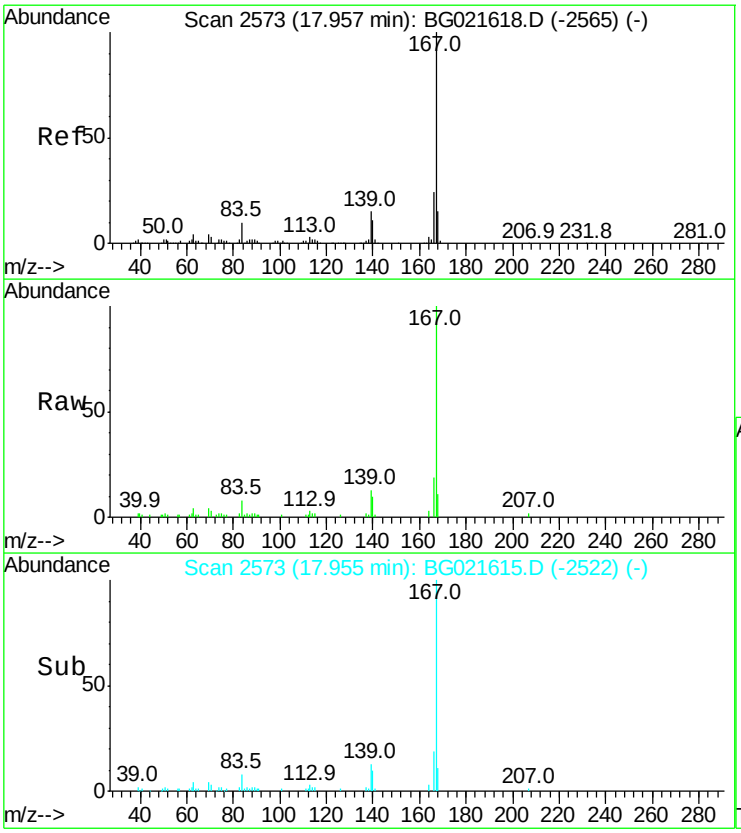
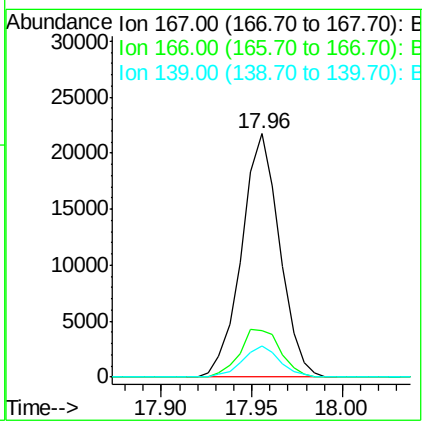
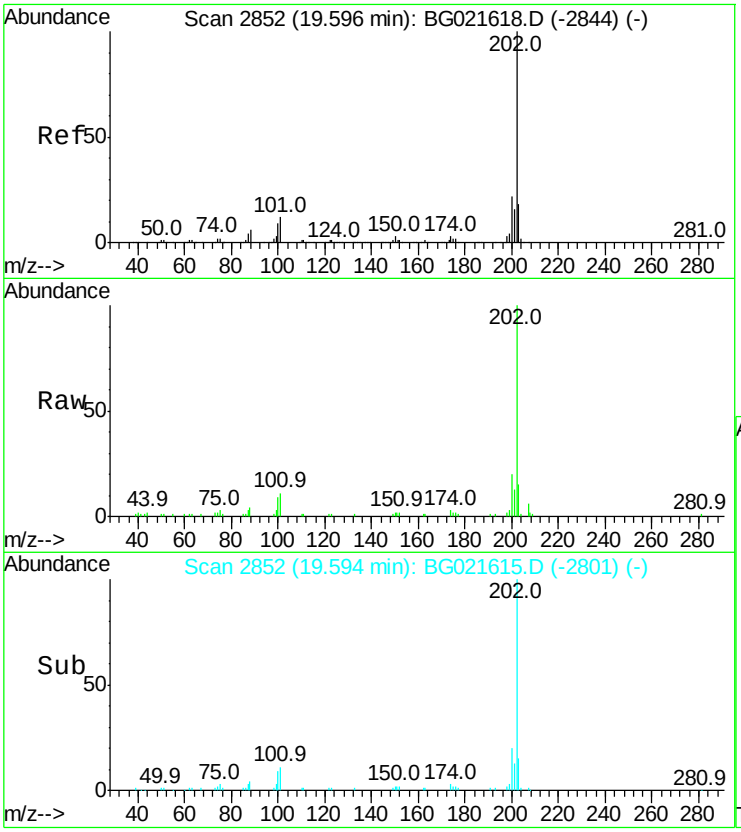


#72
Carbazole
Concen: 2.28 ng
RT: 17.96 min Scan# 2573
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:167 Resp: 31627

Ion	Ratio	Lower	Upper
167	100		
166	19.1	18.6	27.8
139	13.0	10.6	15.8

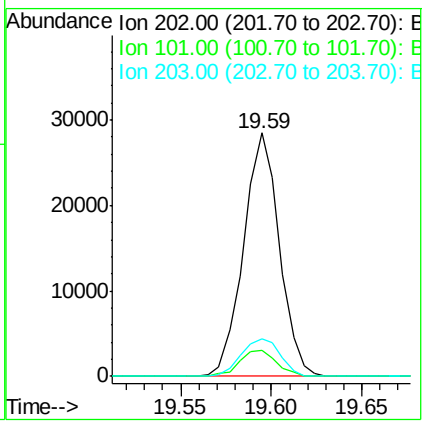




#74
Fluoranthene
Concen: 2.05 ng
RT: 19.59 min Scan# 2852
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:202 Resp: 39088

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.0
203	15.2	0.0	37.9



Instrument :
BNA_G
ClientSampleId :
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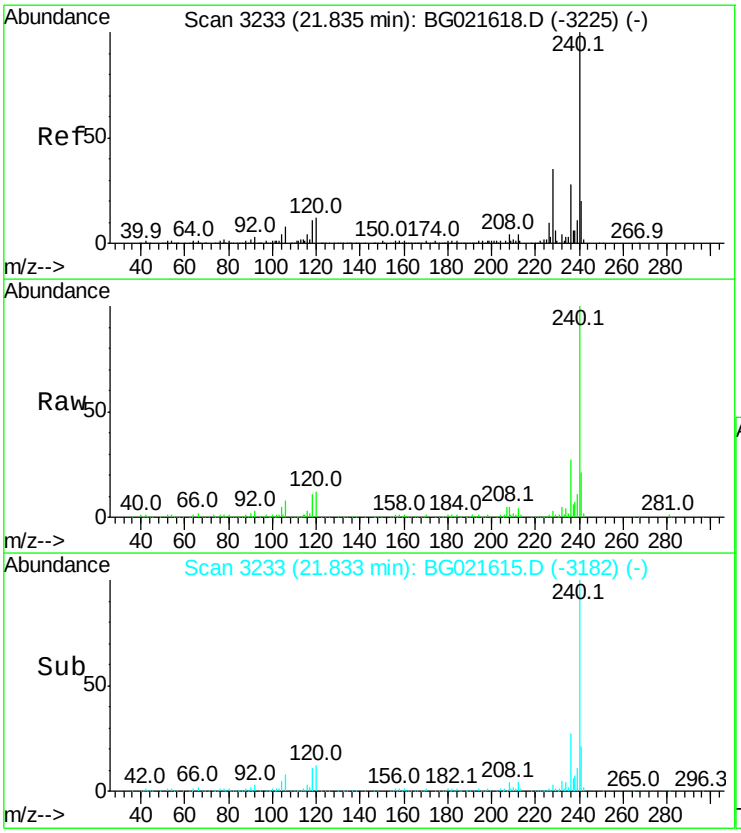
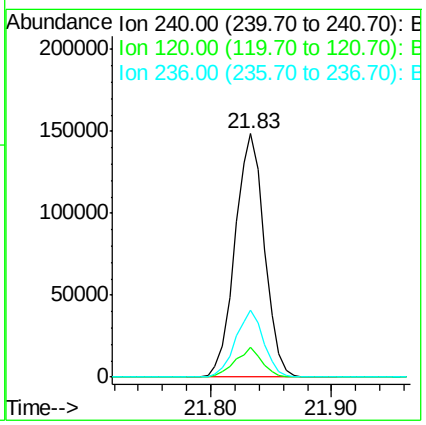
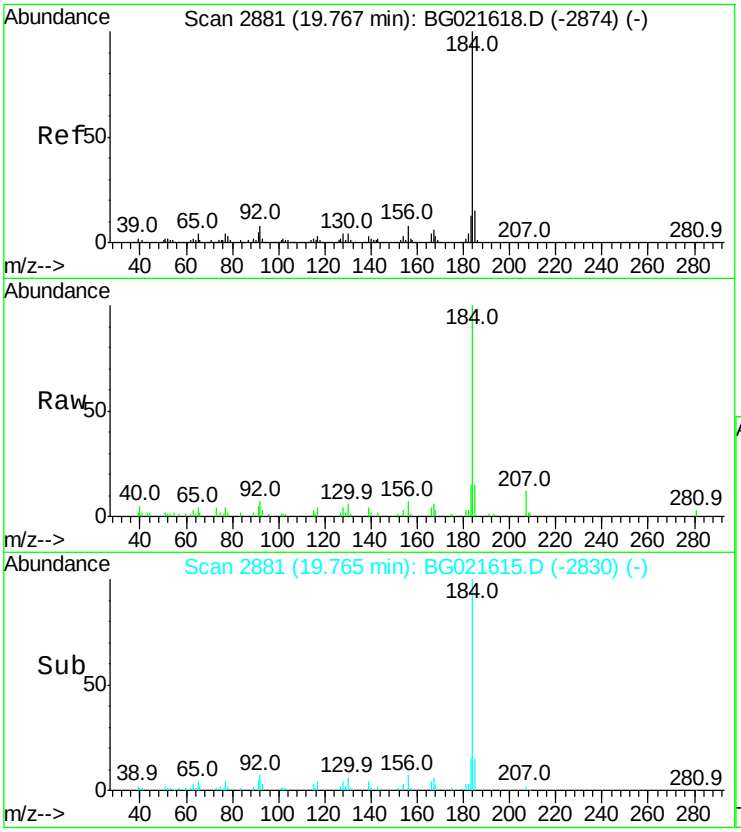


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3233
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:240 Resp: 251384

Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.4	12.6
236	27.4	19.6	29.4

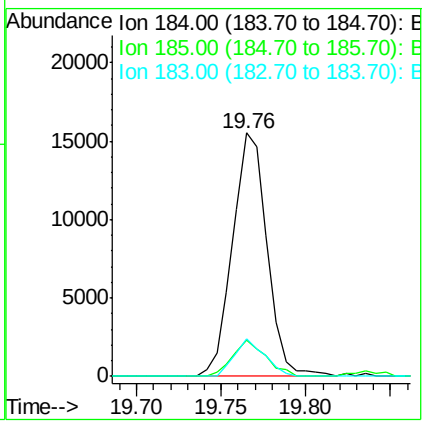




#76
Benzidine
Concen: 2.93 ng
RT: 19.76 min Scan# 2881
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:184 Resp: 22054

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.5	17.3
183	15.2	10.2	15.4



Instrument :
BNA_G
ClientSampleId :
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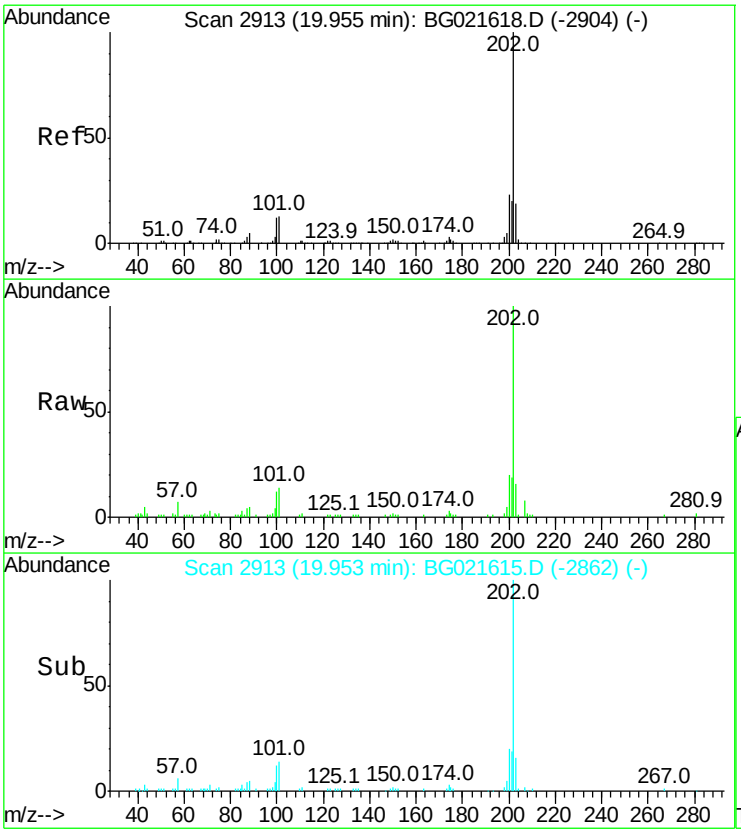
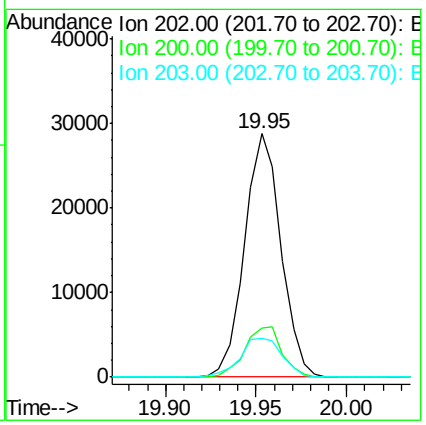
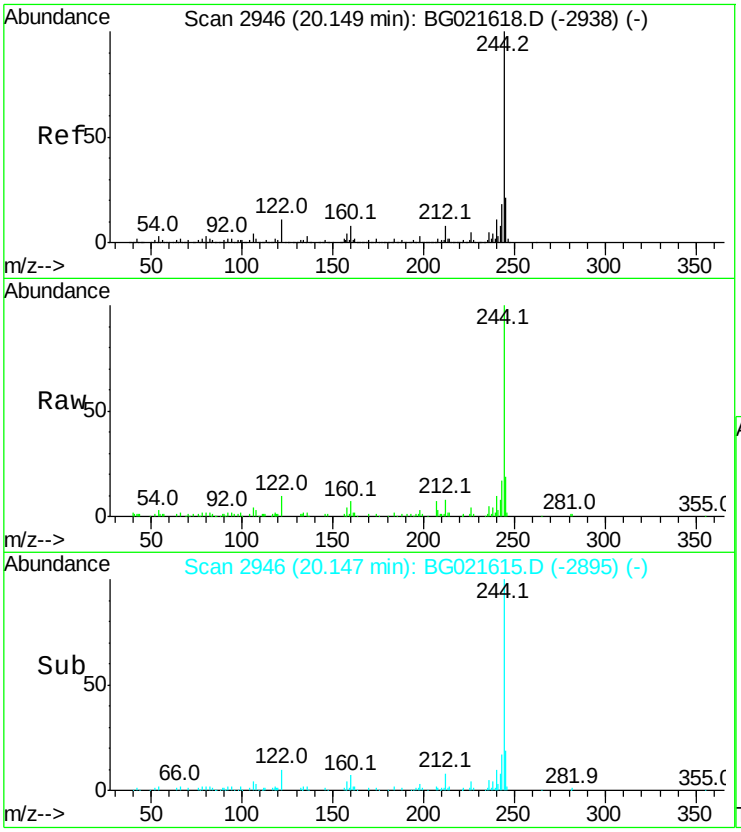


#77
Pyrene
Concen: 2.52 ng
RT: 19.95 min Scan# 2913
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:202 Resp: 40074

Ion	Ratio	Lower	Upper
202	100		
200	20.2	18.2	27.2
203	15.9	15.0	22.4

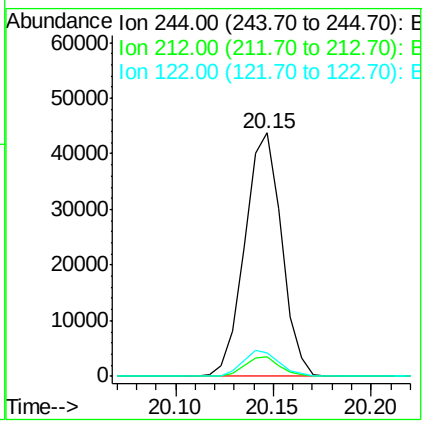




#78
Terphenyl-d14
Concen: 5.02 ng
RT: 20.15 min Scan# 2946
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:244 Resp: 56995

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	9.7	8.6	12.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC02.5

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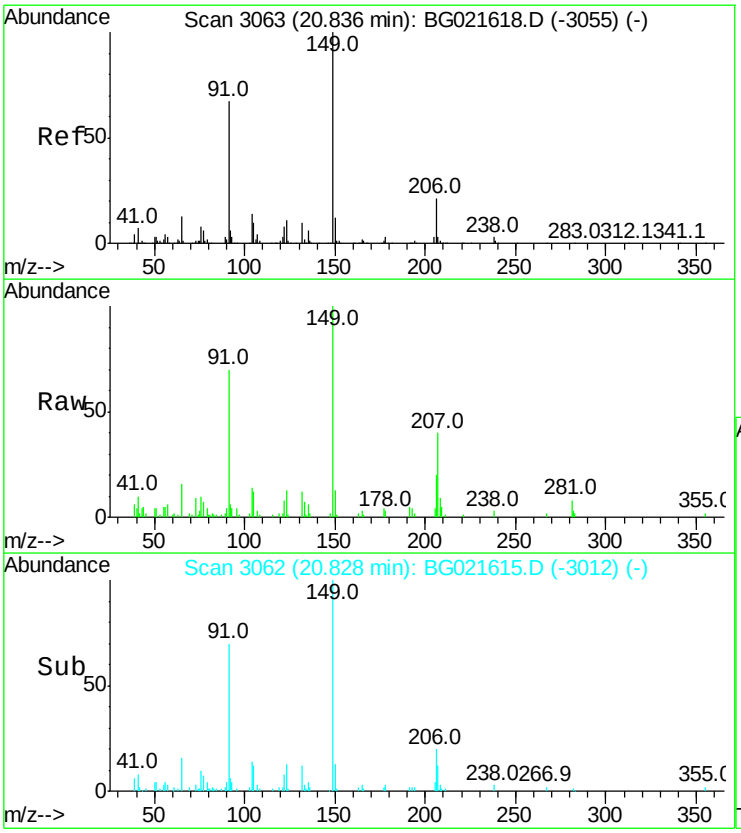
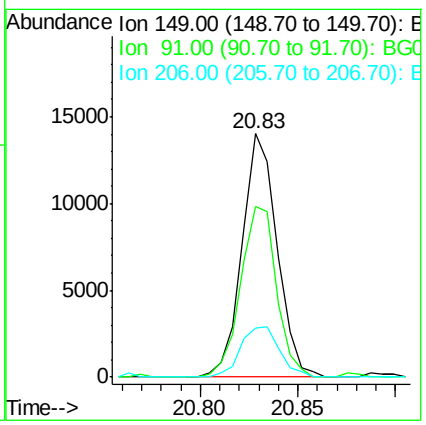
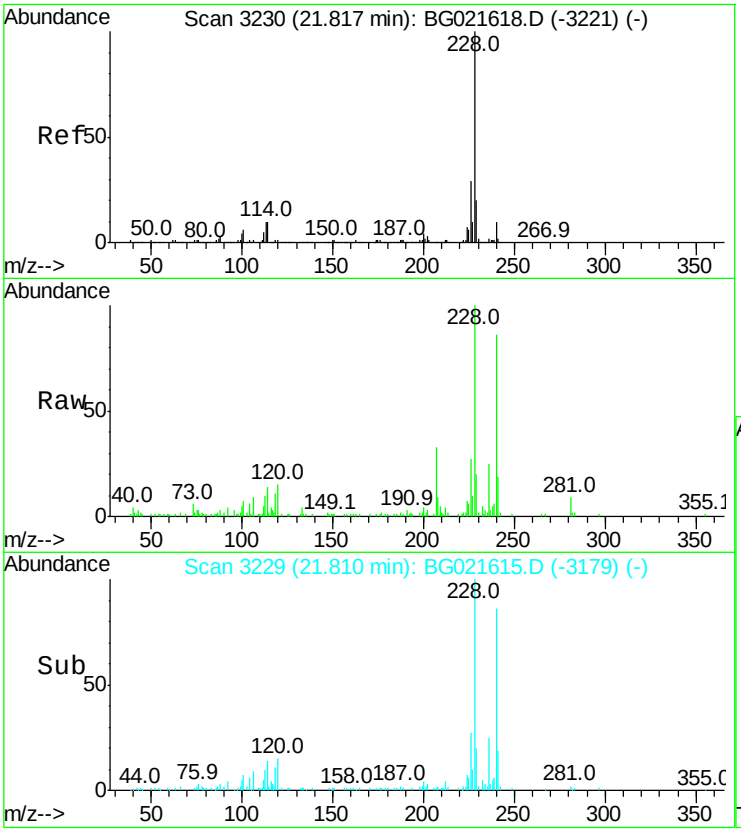


#79
Butylbenzylphthalate
Concen: 2.63 ng
RT: 20.83 min Scan# 3062
Delta R.T. -0.01 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:149 Resp: 17387

Ion	Ratio	Lower	Upper
149	100		
91	69.9	57.8	86.8
206	20.0	17.0	25.4





#80
Benzo(a)anthracene
Concen: 2.70 ng
RT: 21.81 min Scan# 3229
Delta R.T. -0.01 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:228 Resp: 39614

Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	34.0
229	20.3	16.1	24.1

Instrument :
BNA_G
ClientSampleId :
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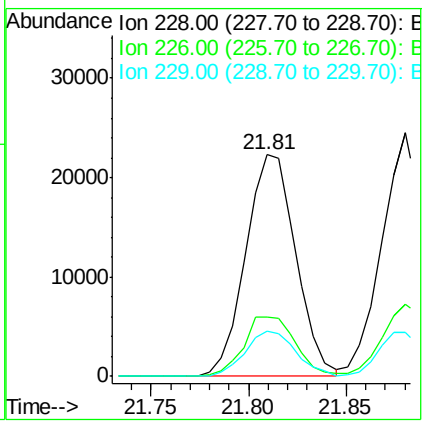
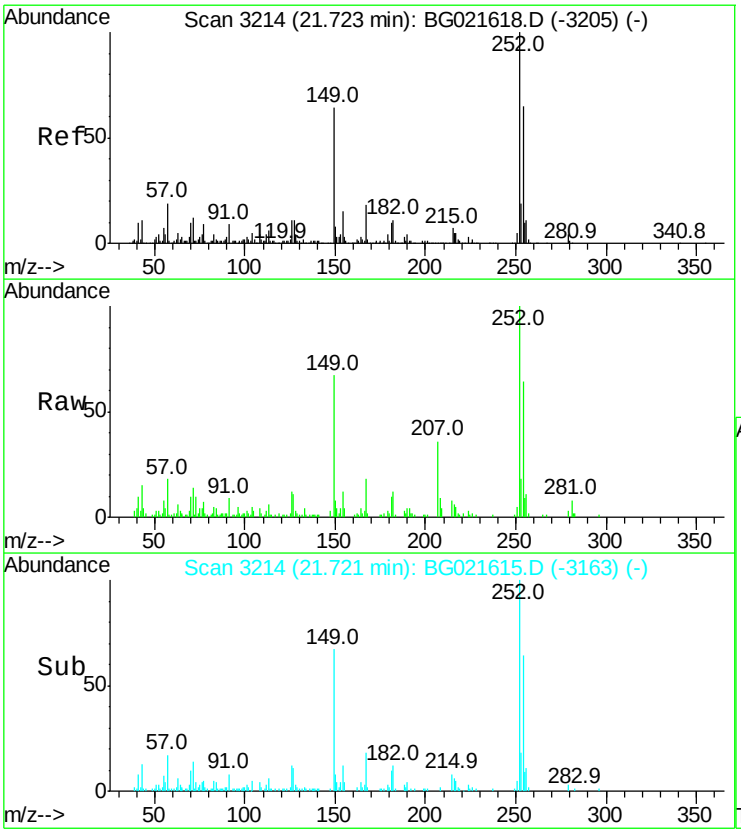
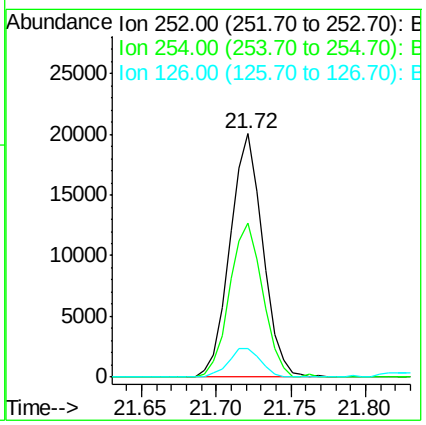


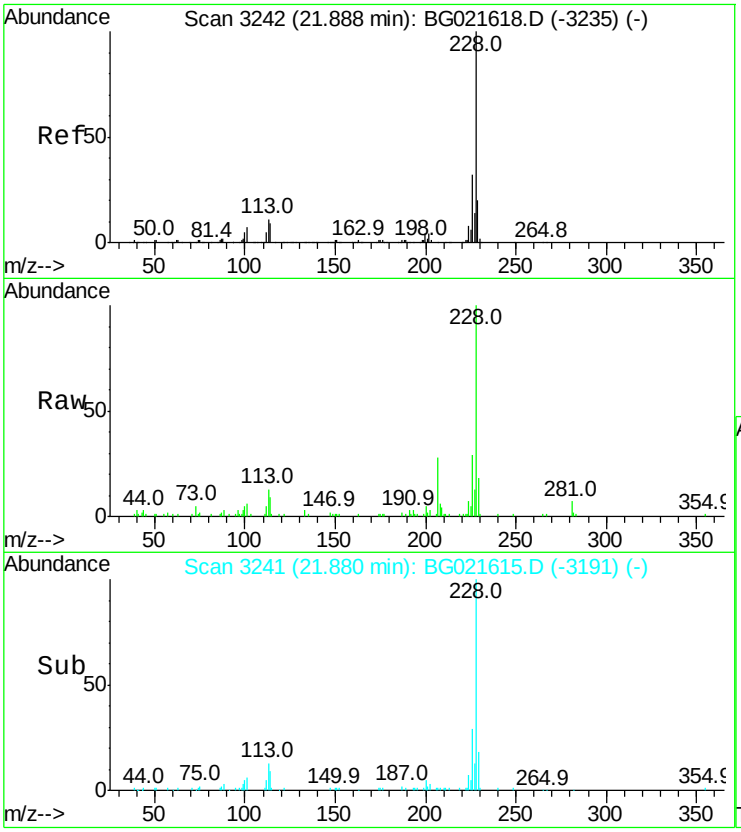


#81
3,3'-Dichlorobenzidine
Concen: 3.07 ng
RT: 21.72 min Scan# 3214
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:252 Resp: 30750

Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.8	77.6
126	11.6	8.8	13.2

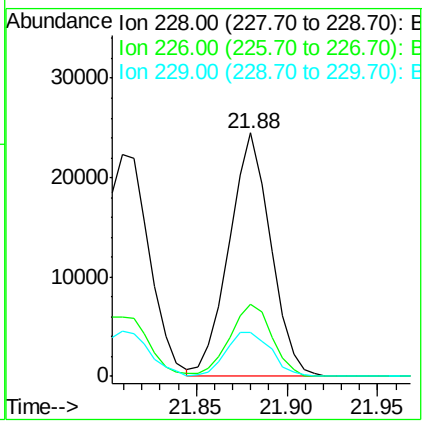




#82
Chrysene
Concen: 2.80 ng
RT: 21.88 min Scan# 3241
Delta R.T. -0.01 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:228 Resp: 39054

Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.4	38.0
229	17.9	15.9	23.9



Instrument :
BNA_G
ClientSampleId :
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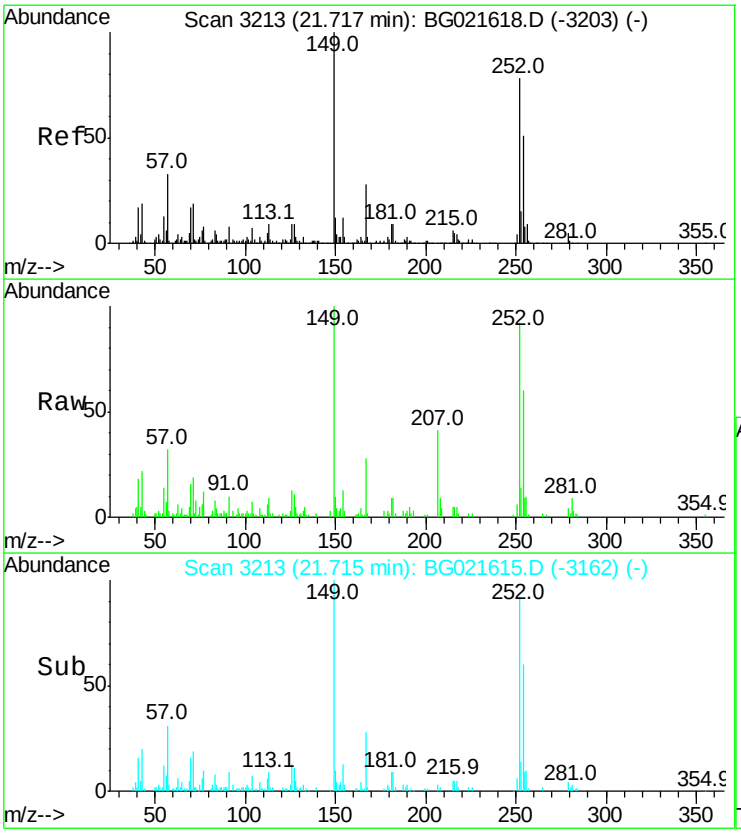
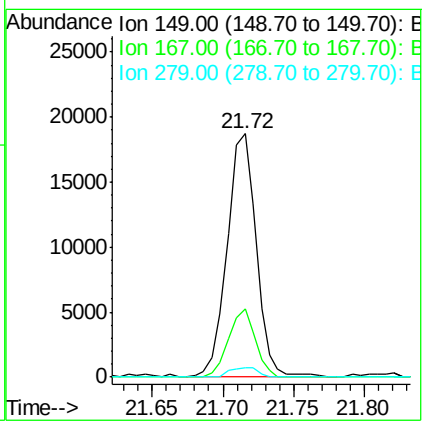
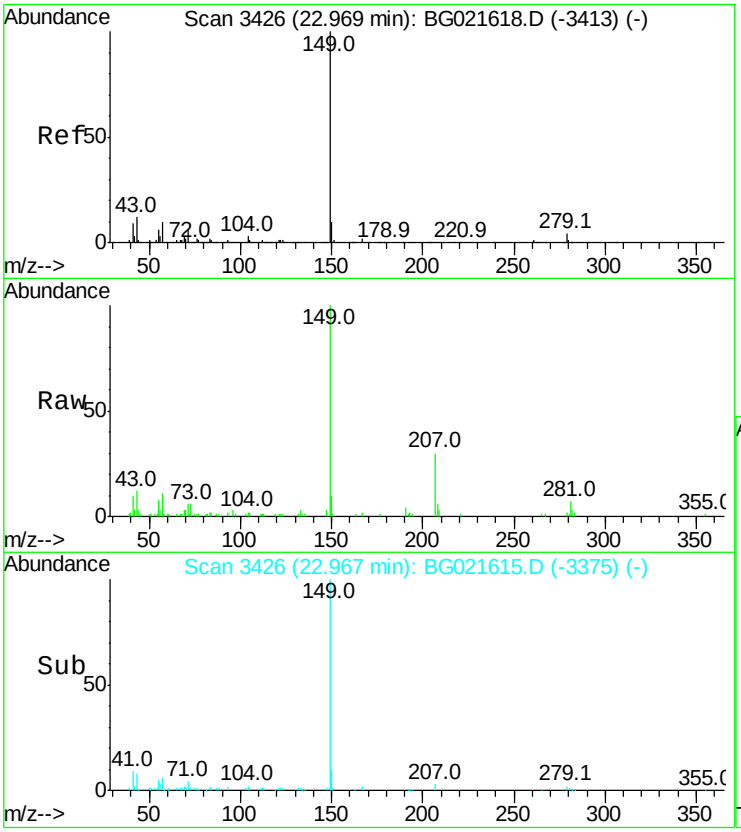


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.11 ng
RT: 21.72 min Scan# 3213
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:149 Resp: 26973

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.4	33.6
279	4.0	3.2	4.8

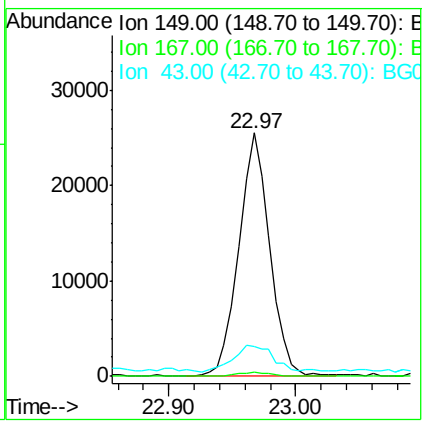




#84
Di-n-octyl phthalate
Concen: 3.01 ng
RT: 22.97 min Scan# 3426
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:149 Resp: 43176

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	13.5	9.8	14.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC02.5

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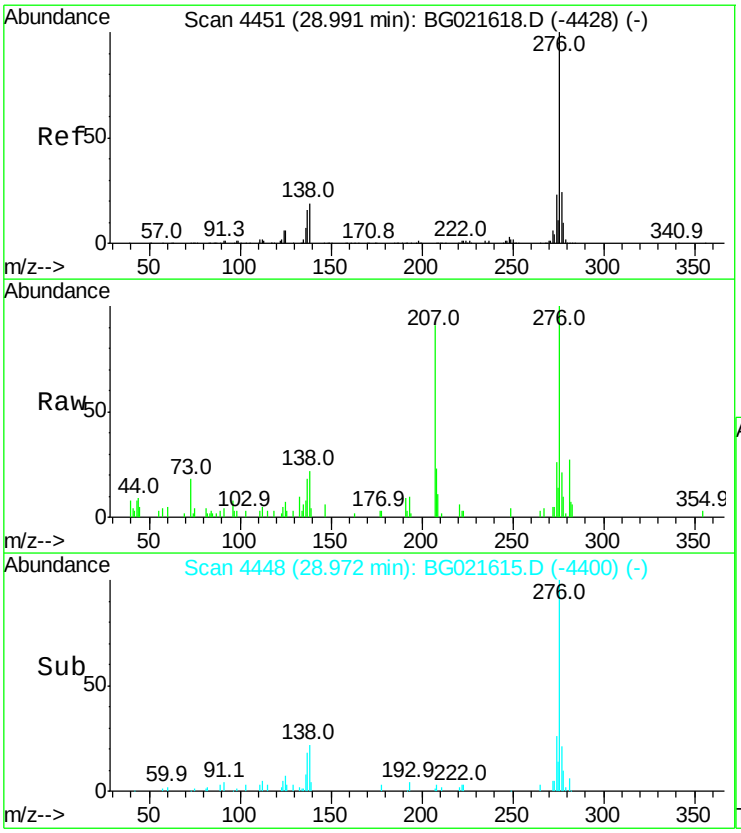
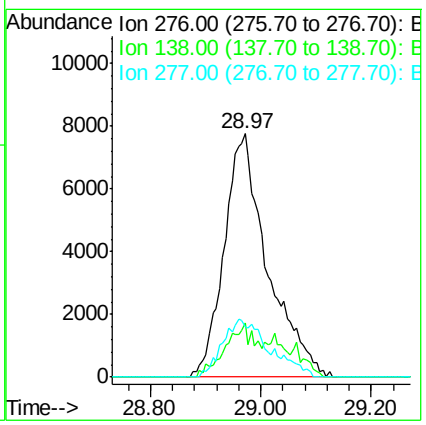
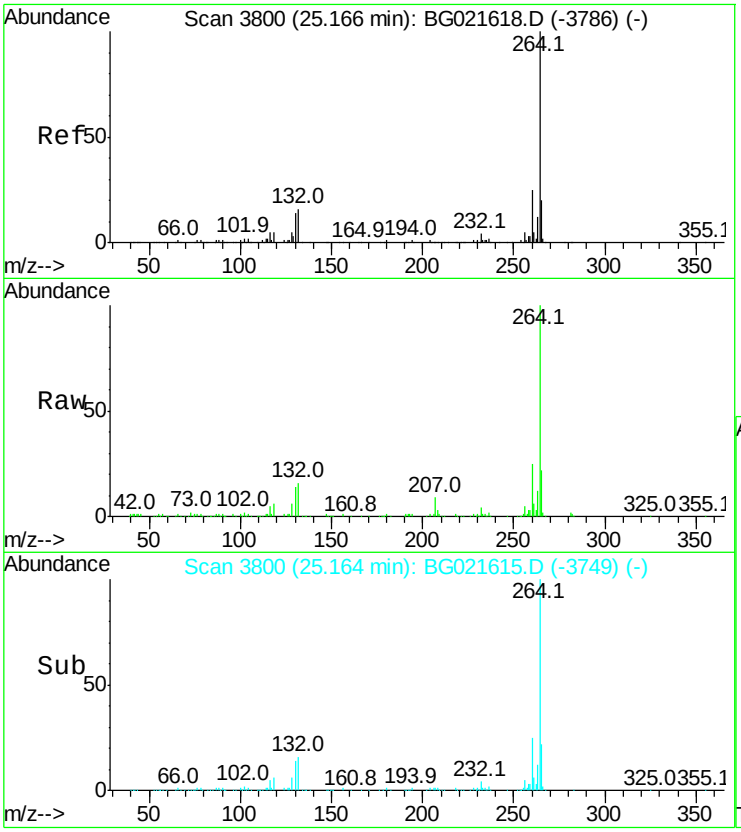


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.95 ng
RT: 28.97 min Scan# 4448
Delta R.T. -0.02 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:276 Resp: 42278

Ion	Ratio	Lower	Upper
276	100		
138	15.3	14.0	21.0
277	20.9	20.6	30.8

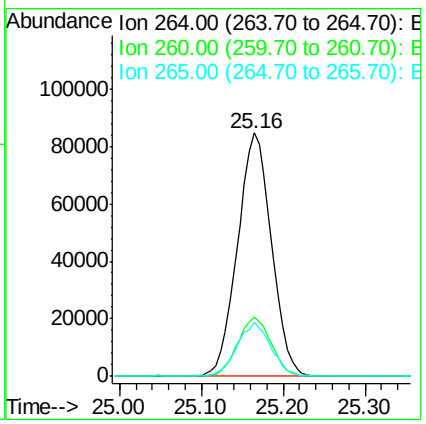




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3800
Delta R.T. -0.00 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:264 Resp: 243929

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.2	30.4
265	22.4	17.8	26.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC02.5

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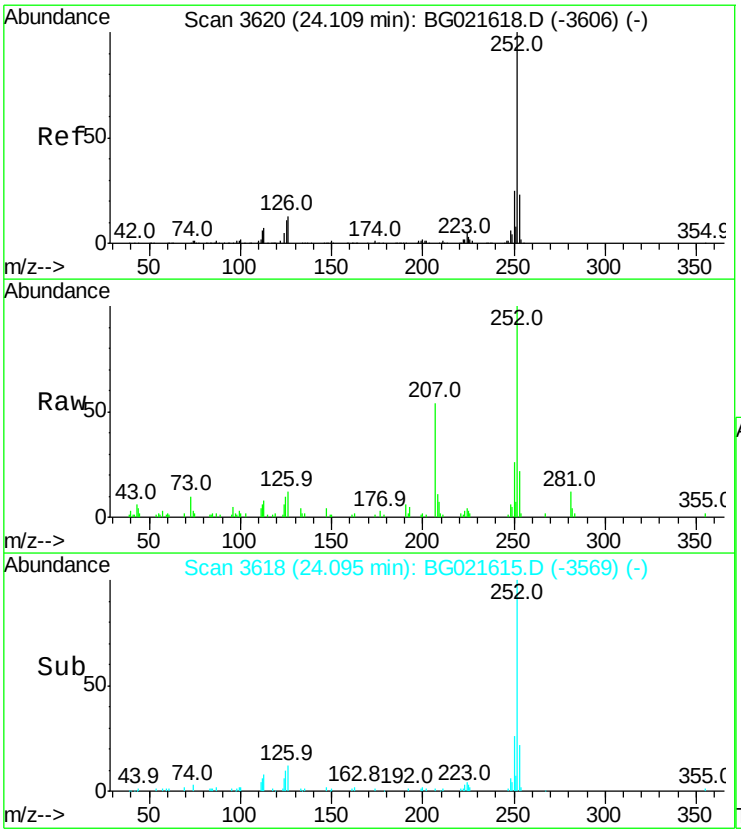
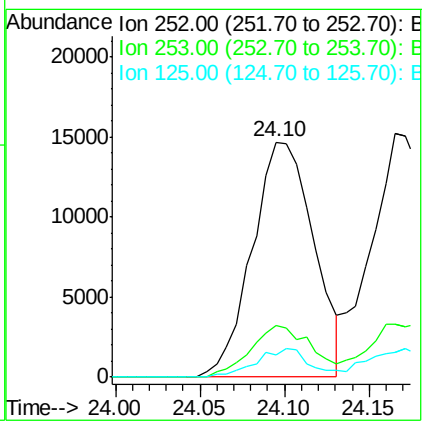
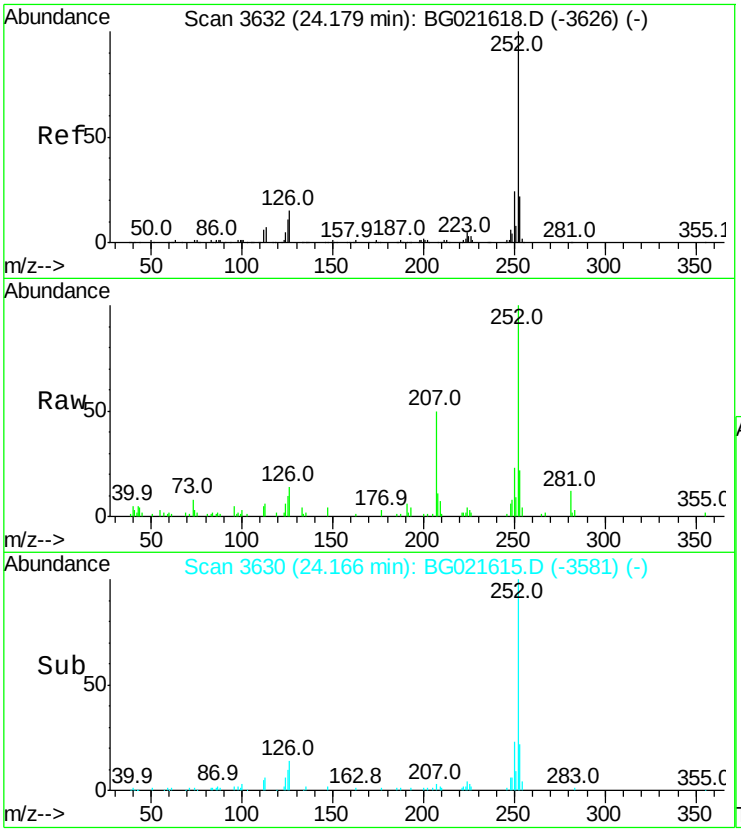


#87
Benzo(b)fluoranthene
Concen: 2.58 ng
RT: 24.10 min Scan# 3618
Delta R.T. -0.01 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:252 Resp: 37034

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.5	8.6	13.0

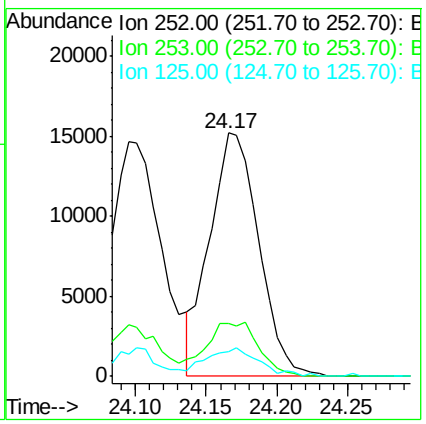




#88
Benzo(k)fluoranthene
Concen: 2.57 ng
RT: 24.17 min Scan# 3630
Delta R.T. -0.01 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:252 Resp: 36797

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.8
125	9.9	8.3	12.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC02.5

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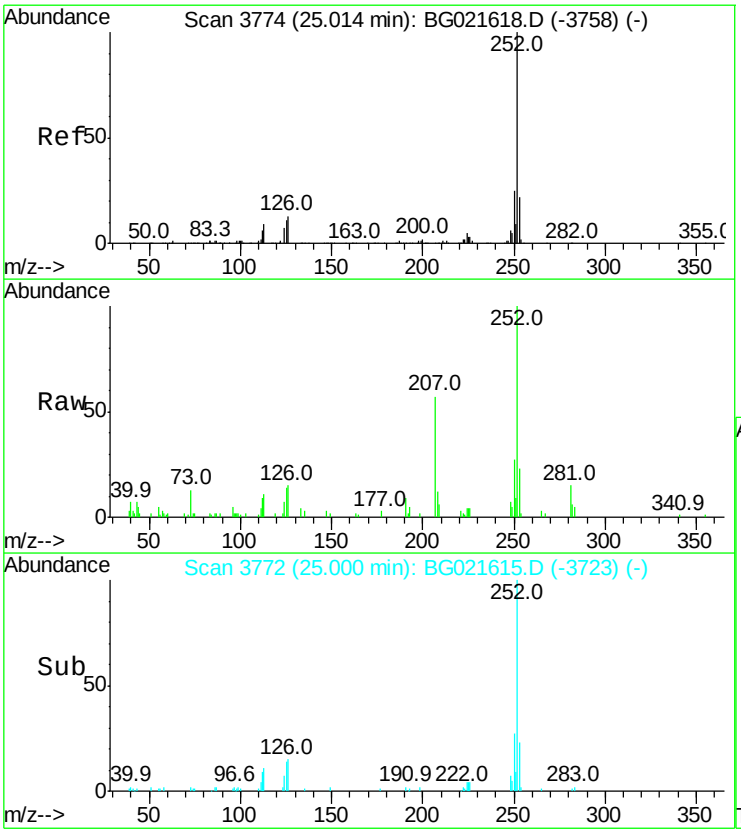
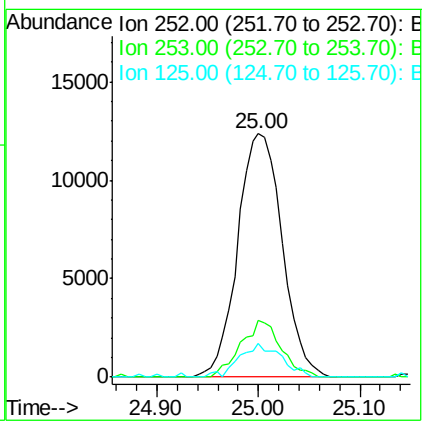
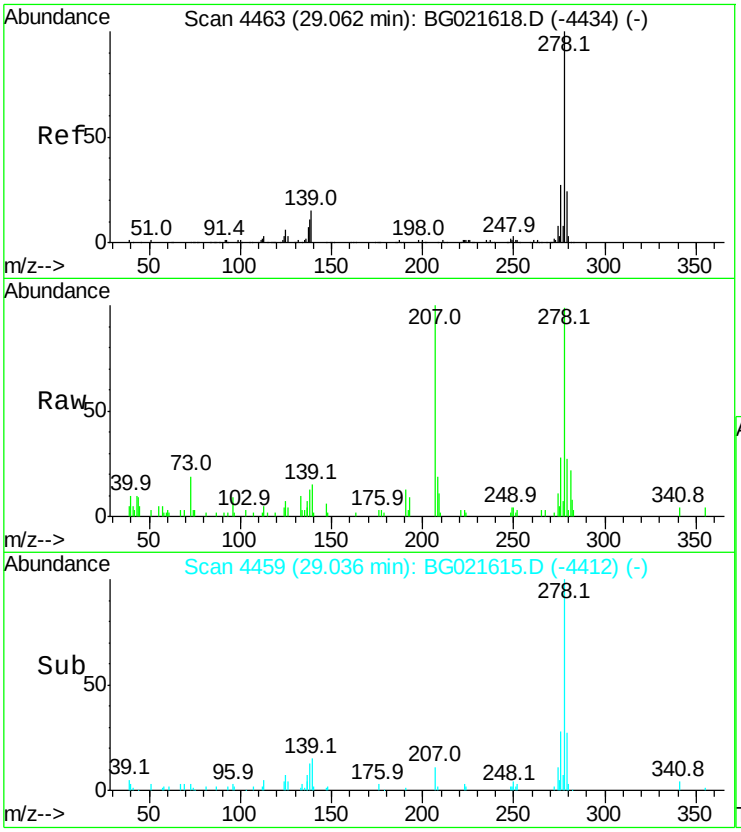


#89
Benzo(a)pyrene
Concen: 2.73 ng
RT: 25.00 min Scan# 3772
Delta R.T. -0.01 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:252 Resp: 37770

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	14.0	9.6	14.4

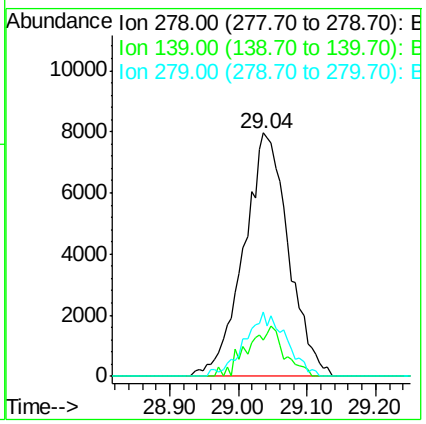




#90
Dibenzo(a,h)anthracene
Concen: 2.65 ng
RT: 29.04 min Scan# 4459
Delta R.T. -0.03 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:278 Resp: 36088

Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.9	17.9
279	26.7	18.2	27.2



Instrument :
BNA_G
ClientSampleId :
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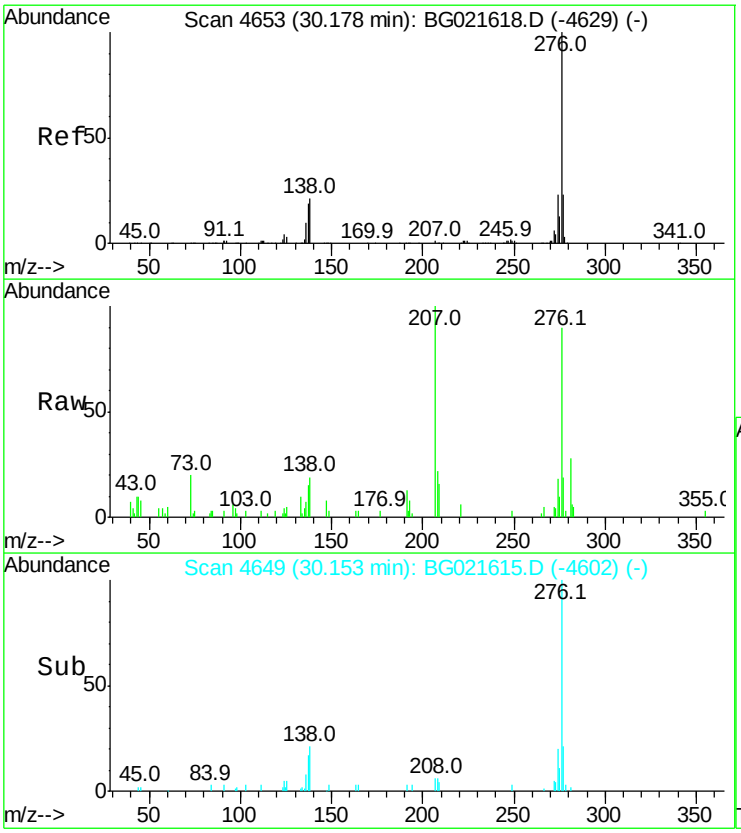

#91
Benzo(g,h,i)perylene
Concen: 2.56 ng
RT: 30.15 min Scan# 4649
Delta R.T. -0.03 min
Lab File: BG021615.D
Acq: 13 Apr 2016 10:55

Tgt Ion:276 Resp: 34661

Ion	Ratio	Lower	Upper
276	100		
277	20.6	19.4	29.2
138	21.4	17.4	26.0