Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072418\
Data File : BG035862.D
Acq On : 25 Jul 2018 1:09
Operator : JU/SJ
Sample : J3762-09
Misc : MDL 2PPM
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 25 03:29:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 24 14:48:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	37587	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	137638	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	96687	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	251960	20.00	ng		0.00
75) Chrysene-d12	21.65	240	292593	20.00	ng		0.00
86) Perylene-d12	24.85	264	258990	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	282869	124.94	ng		0.00
7) Phenol-d6	7.19	99	407753	120.72	ng		0.00
23) Nitrobenzene-d5	9.19	82	275584	83.64	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	168052	131.87	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	645405	89.43	ng		0.00
78) Terphenyl-d14	20.00	244	1379067	103.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	2613	2.268	ng	#	75
8) 2-Chlorophenol	7.59	128	5190	2.254	ng		83
9) Benzaldehyde	7.18	77	5681	2.741	ng		90
13) 1,4-Dichlorobenzene	7.91	146	5702	2.018	ng		93
14) 1,2-Dichlorobenzene	7.91	146	5702	2.101	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	5547	2.476	ng		69
30) 1,2,4-Trichlorobenzene	10.69	180	5951	2.134	ng	#	69
32) Benzoic acid	10.03	122	3784	2.822	ng	#	9
34) Hexachlorobutadiene	11.16	225	4414	2.030	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	8192	2.245	ng		92
53) 2,4-Dinitrophenol	14.31	184	74	6.659	ng	#	24
54) Dibenzofuran	15.05	168	19399	2.005	ng		95
55) 4-Nitrophenol	15.05	139	7990	6.363	ng	#	1
57) Fluorene	15.70	166	16542	2.040	ng		90
60) 4-Chlorophenyl-phenylether	15.69	204	9758	2.047	ng		95
67) Hexachlorobenzene	16.70	284	6328	2.102	ng	#	86
70) Phenanthrene	17.43	178	26624	2.118	ng		95
71) Anthracene	17.53	178	26241	2.096	ng		95
82) Chrysene	21.70	228	34457	2.039	ng		96
88) Benzo(k)fluoranthene	23.85	252	31087	2.020	ng		98

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

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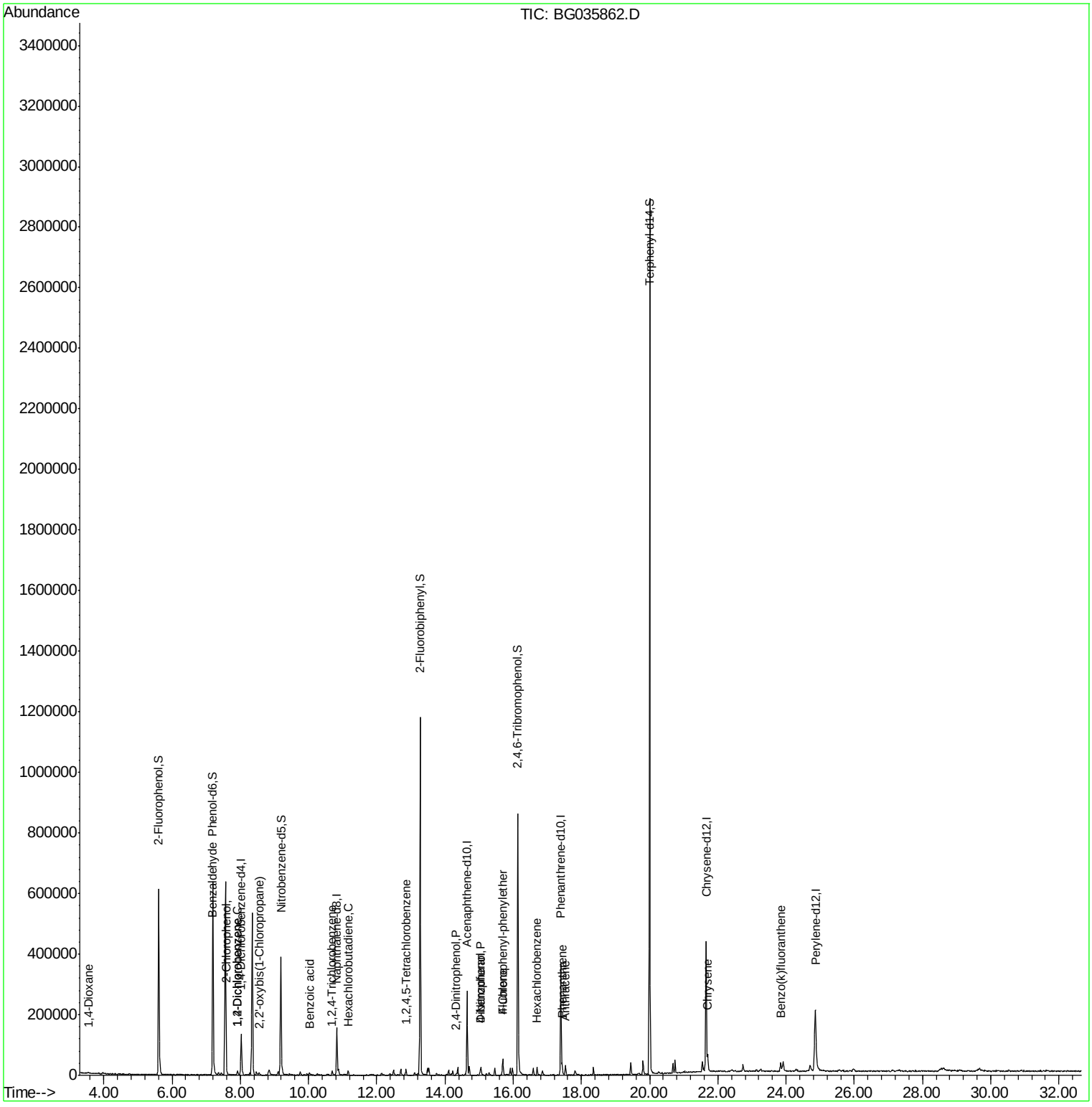
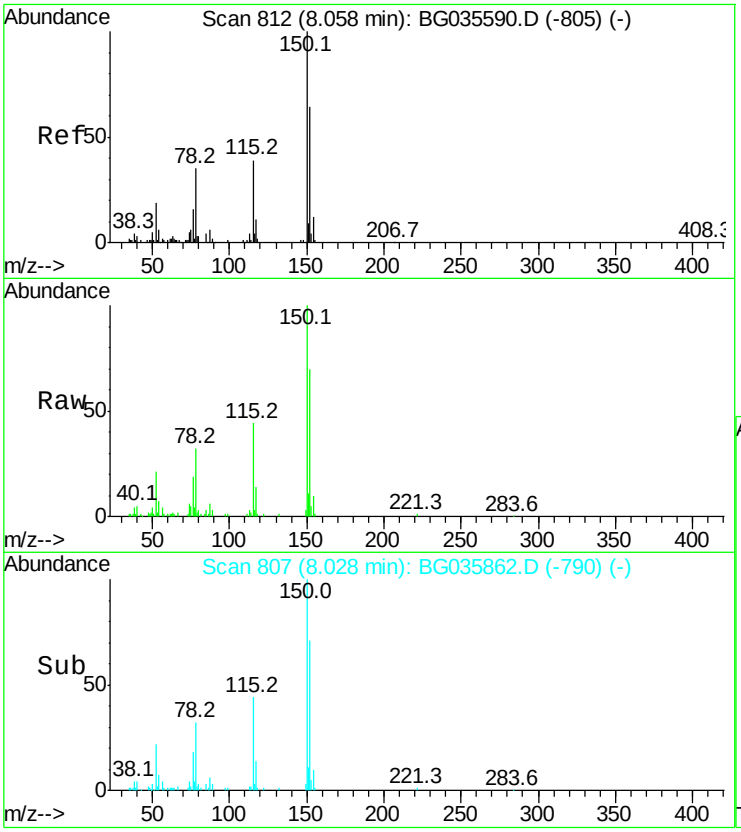


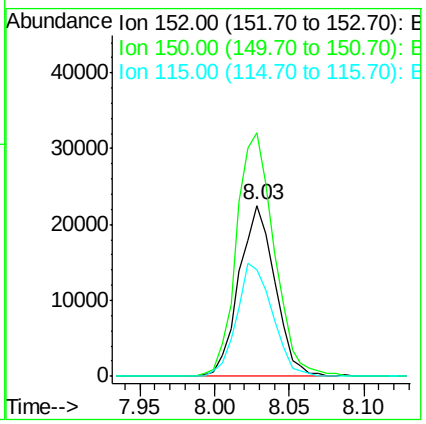


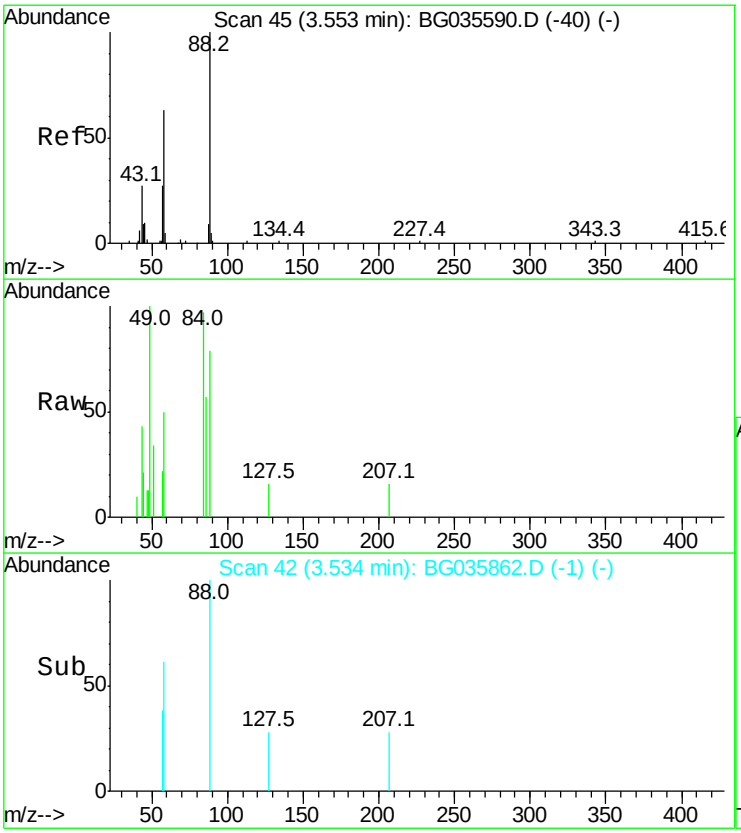
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG035862.D
Acq: 25 Jul 2018 1:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 37587

Ion	Ratio	Lower	Upper
152	100		
150	142.5	126.6	189.8
115	62.1	53.0	79.4

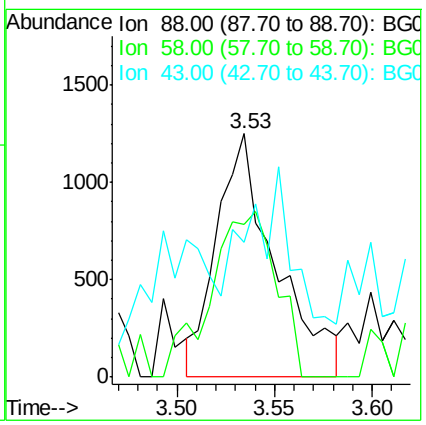


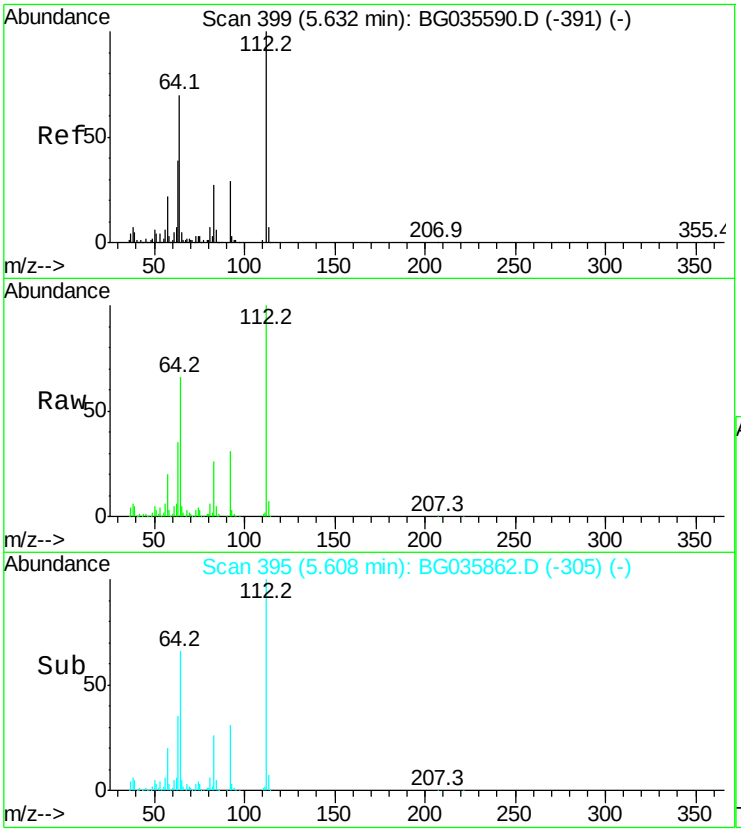


#2
1,4-Dioxane
Concen: 2.268 ng
RT: 3.53 min Scan# 42
Delta R.T. 0.01 min
Lab File: BG035862.D
Acq: 25 Jul 2018 1:09

Tgt Ion: 88 Resp: 2613

Ion	Ratio	Lower	Upper
88	100		
58	76.2	79.6	119.4#
43	17.3	27.4	41.0#



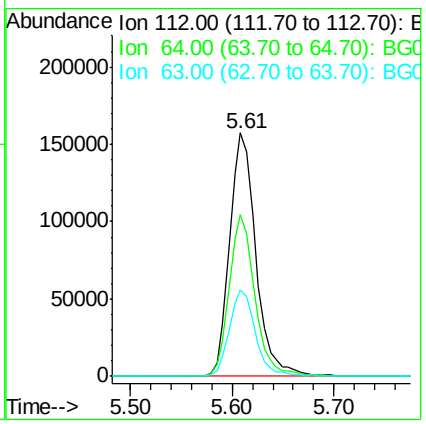


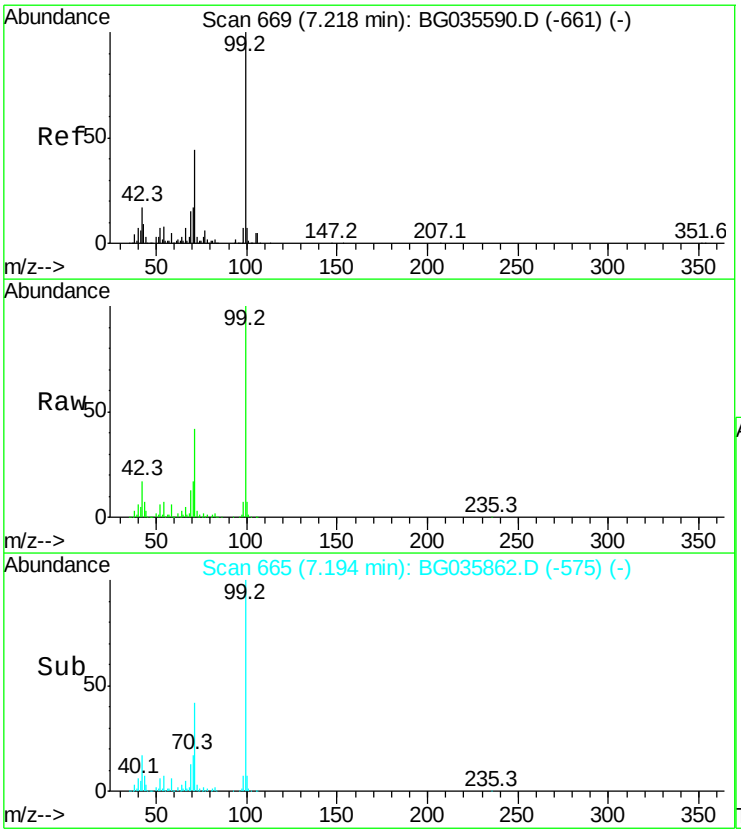
#5
2-Fluorophenol
Concen: 124.945 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG035862.D
Acq: 25 Jul 2018 1:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 282869

Ion	Ratio	Lower	Upper
112	100		
64	66.5	56.3	84.5
63	35.4	30.1	45.1

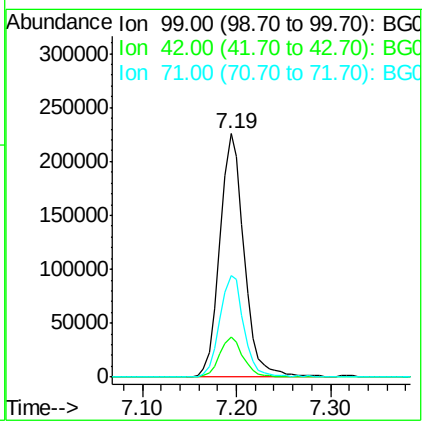


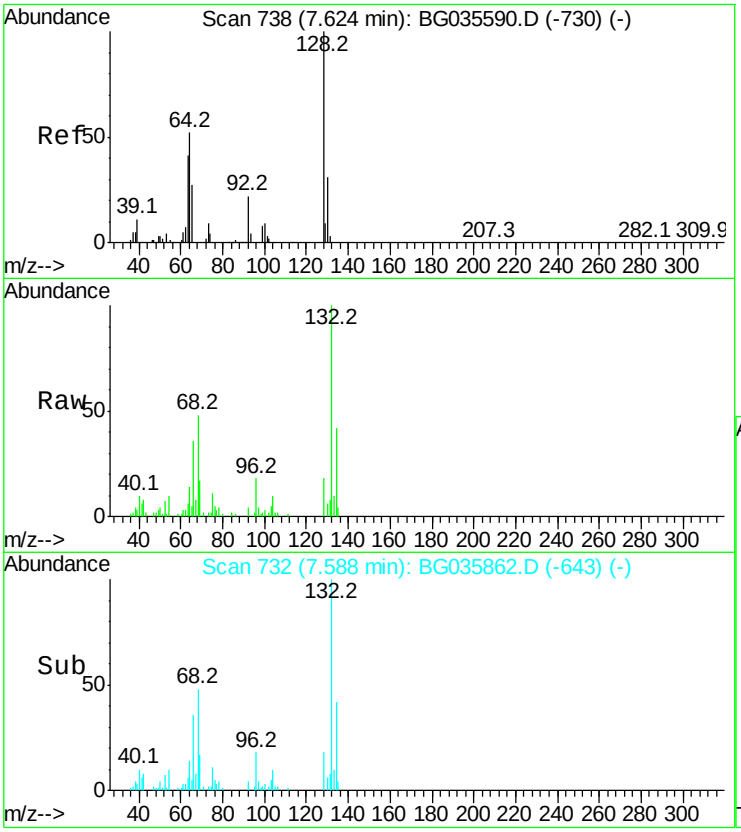


#7
Phenol-d6
Concen: 120.716 ng
RT: 7.19 min Scan# 665
Delta R.T. -0.00 min
Lab File: BG035862.D
Acq: 25 Jul 2018 1:09

Tgt Ion: 99 Resp: 407753

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.1	21.1
71	41.6	26.1	39.1#



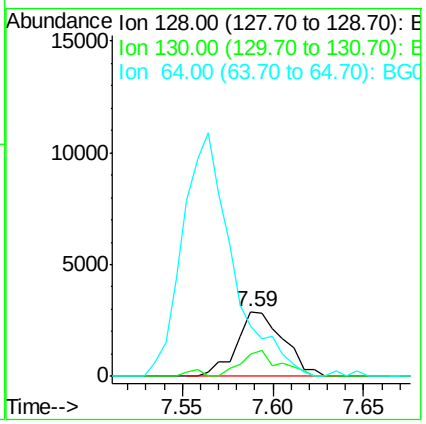


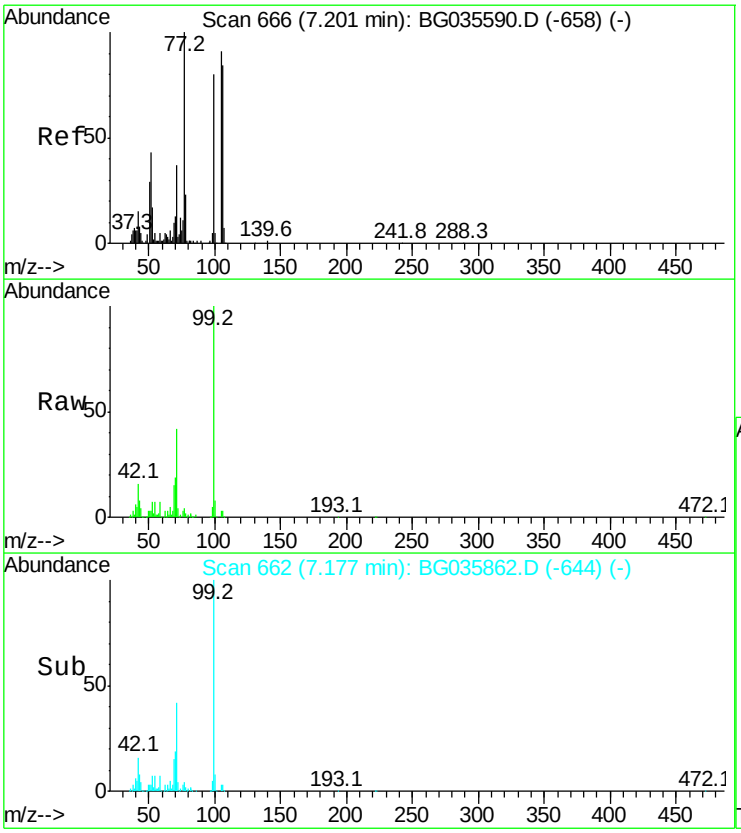
#8
2-Chlorophenol
Concen: 2.254 ng
RT: 7.59 min Scan# 732
Delta R.T. -0.01 min
Lab File: BG035862.D
Acq: 25 Jul 2018 1:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 5190

Ion	Ratio	Lower	Upper
128	100		
130	33.8	14.0	54.0
64	77.5	37.7	77.7

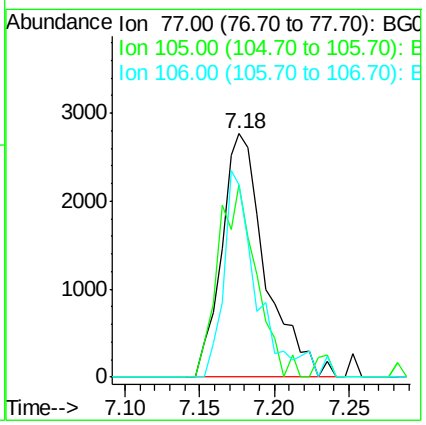


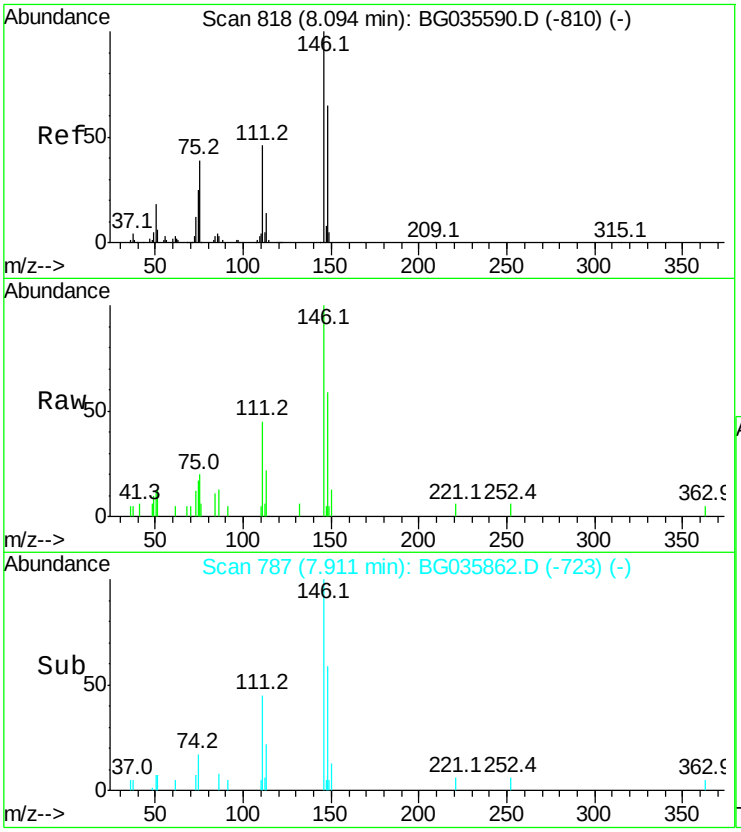


#9
Benzaldehyde
Concen: 2.741 ng
RT: 7.18 min Scan# 662
Delta R.T. 0.01 min
Lab File: BG035862.D
Acq: 25 Jul 2018 1:09

Tgt Ion: 77 Resp: 5681

Ion	Ratio	Lower	Upper
77	100		
105	78.8	71.3	111.3
106	78.9	64.2	104.2

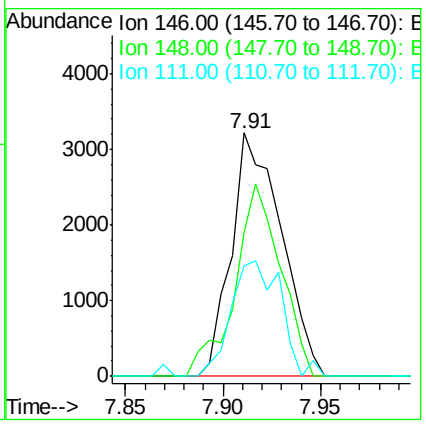




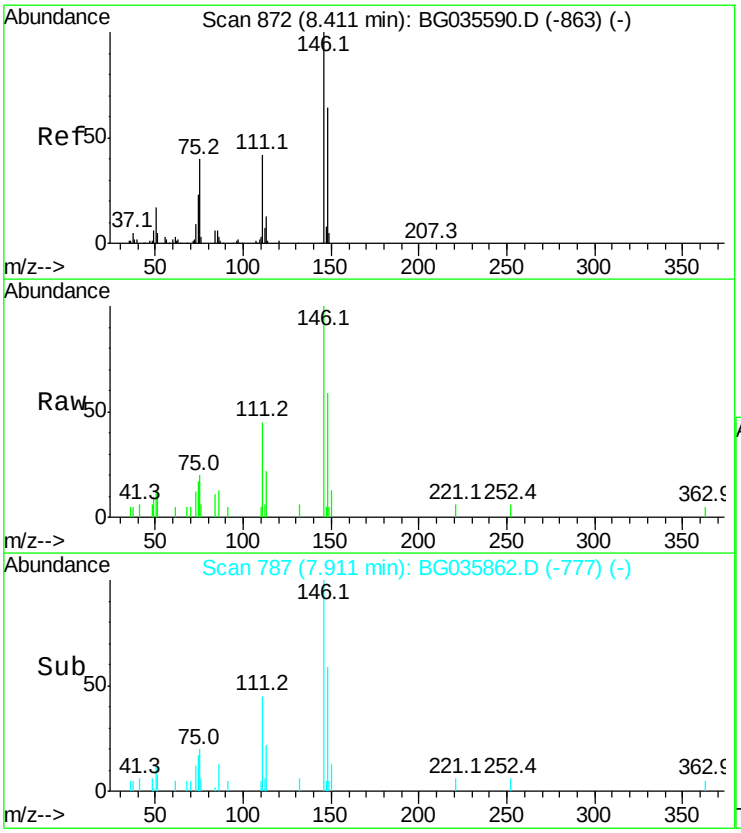
#13
1,4-Dichlorobenzene
Concen: 2.018 ng
RT: 7.91 min Scan# 787
Delta R.T. -0.15 min
Lab File: BG035862.D
Acq: 25 Jul 2018 1:09

Tgt Ion:146 Resp: 5702

Ion	Ratio	Lower	Upper
146	100		
148	59.3	53.7	80.5
111	45.3	35.2	52.8



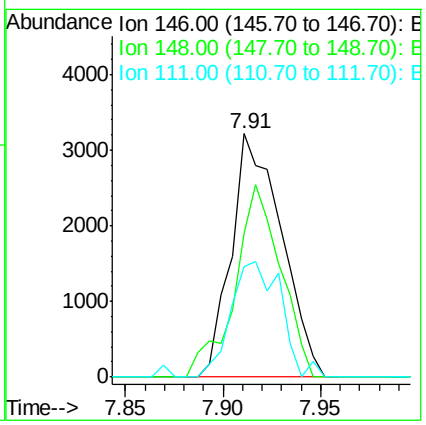
Instrument :
BNA_G
ClientSampleId :

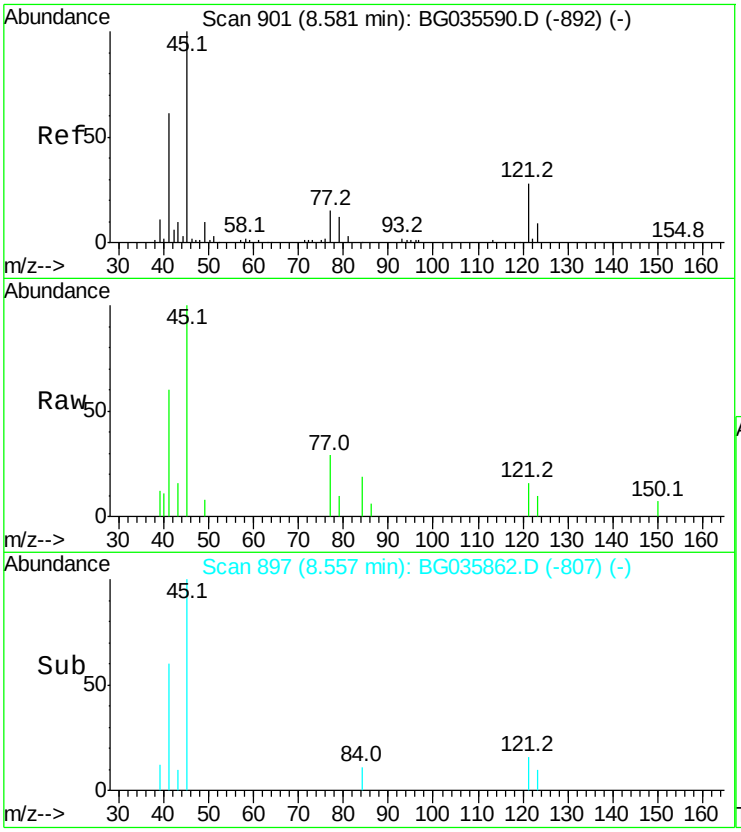


#14
1,2-Dichlorobenzene
Concen: 2.101 ng
RT: 7.91 min Scan# 787
Delta R.T. -0.47 min
Lab File: BG035862.D
Acq: 25 Jul 2018 1:09

Tgt Ion:146 Resp: 5702

Ion	Ratio	Lower	Upper
146	100		
148	59.3	49.3	73.9
111	45.3	34.3	51.5



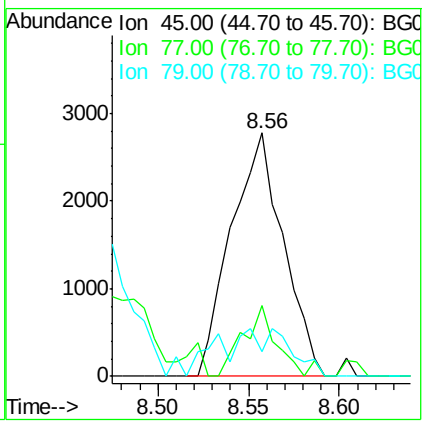


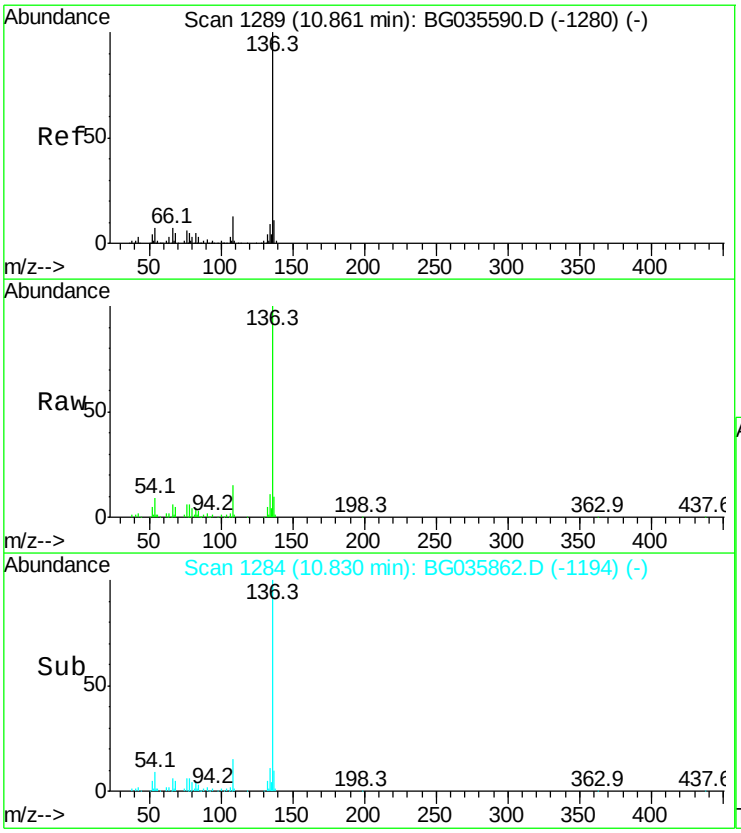
#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.476 ng
RT: 8.56 min Scan# 897
Delta R.T. -0.00 min
Lab File: BG035862.D
Acq: 25 Jul 2018 1:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 45 Resp: 5547

Ion	Ratio	Lower	Upper
45	100		
77	28.9	0.0	30.2
79	10.0	0.0	27.9

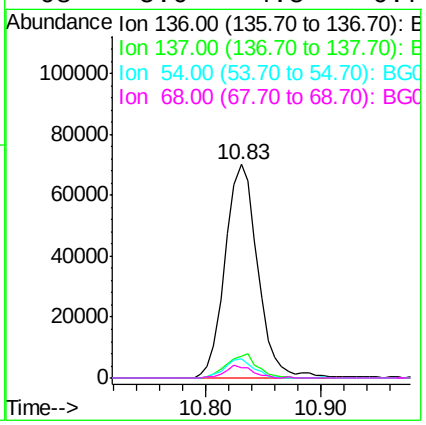


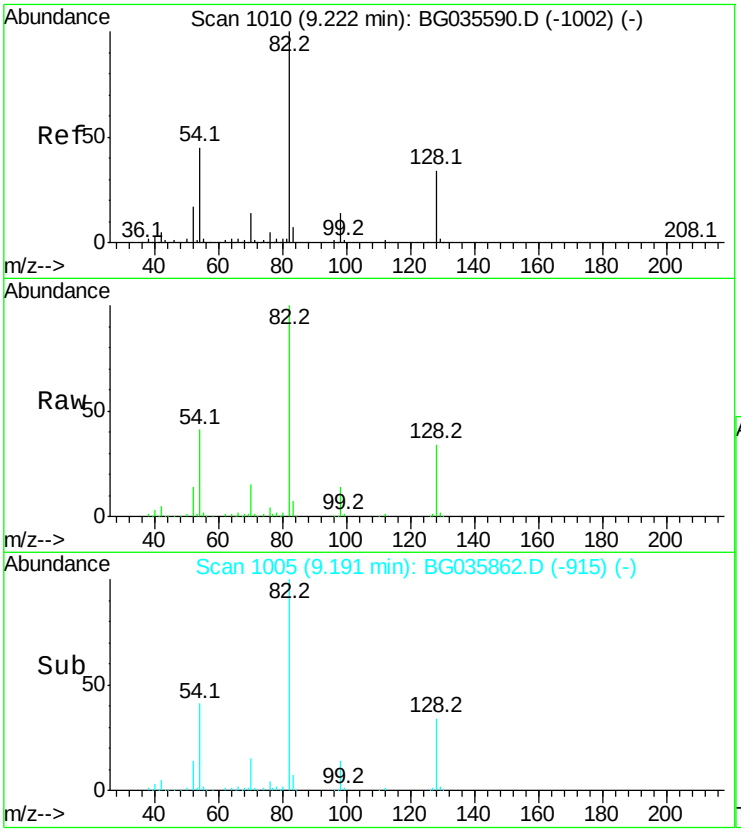


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035862.D
Acq: 25 Jul 2018 1:09

Tgt Ion:136 Resp: 137638

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	9.0	10.3	15.5#
68	5.0	4.5	6.7



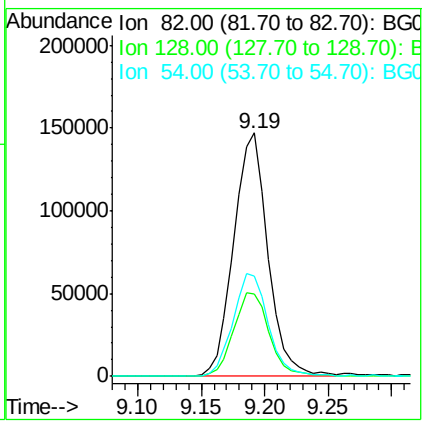


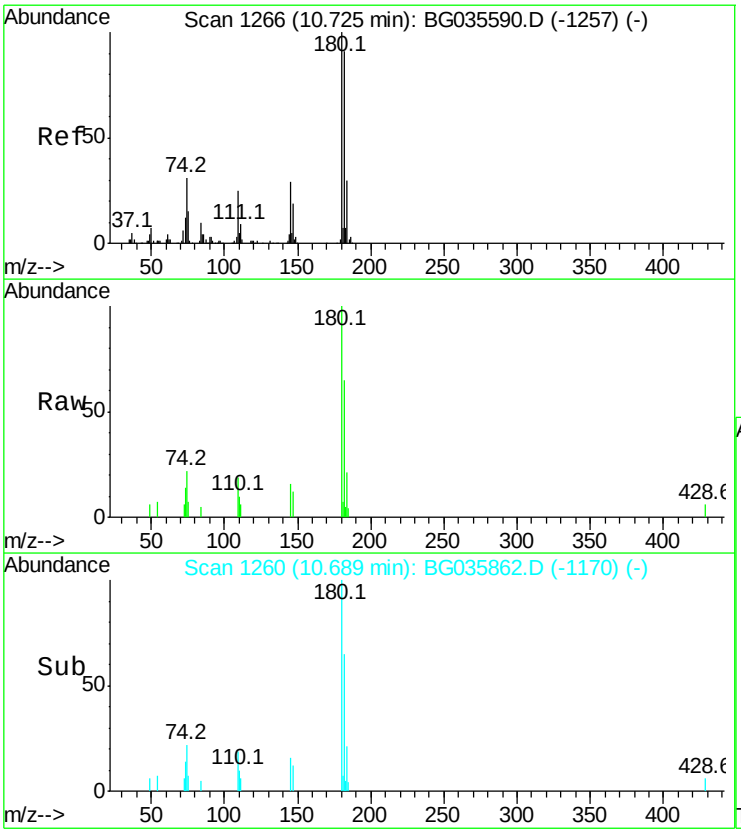
#23
Nitrobenzene-d5
Concen: 83.643 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG035862.D
Acq: 25 Jul 2018 1:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 275584

Ion	Ratio	Lower	Upper
82	100		
128	33.8	29.7	44.5
54	41.1	43.1	64.7#

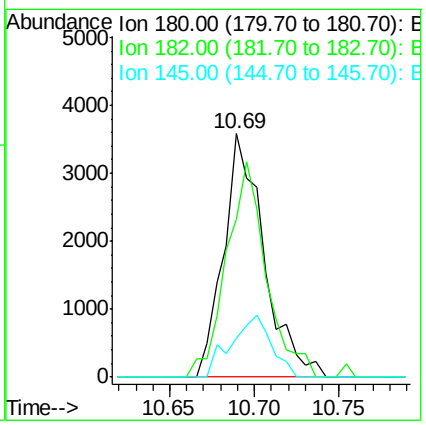


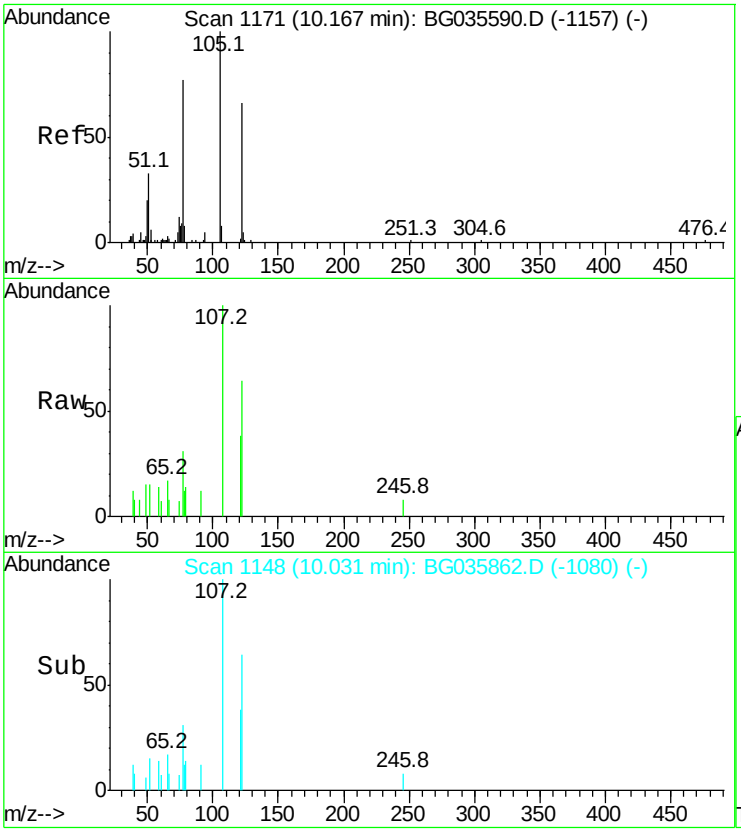


#30
1,2,4-Trichlorobenzene
Concen: 2.134 ng
RT: 10.69 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BG035862.D
Acq: 25 Jul 2018 1:09

Tgt Ion:180 Resp: 5951

Ion	Ratio	Lower	Upper
180	100		
182	65.0	77.5	116.3#
145	15.7	23.4	35.2#



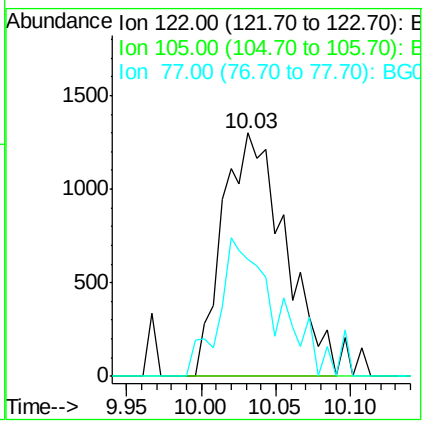


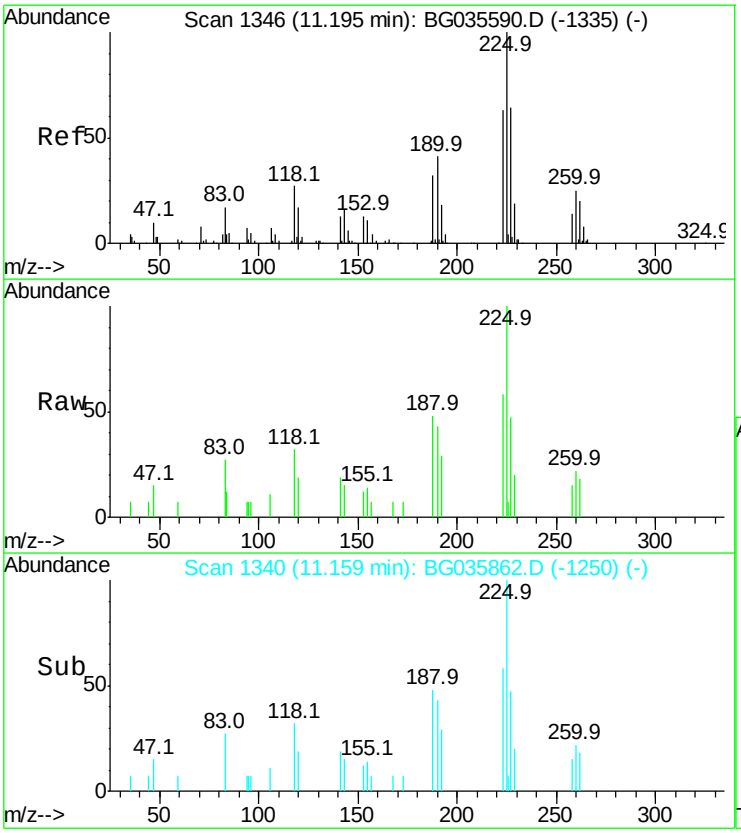
#32
Benzoic acid
Concen: 2.822 ng
RT: 10.03 min Scan# 1148
Delta R.T. -0.13 min
Lab File: BG035862.D
Acq: 25 Jul 2018 1:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 3784

Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	48.0	85.7	125.7#

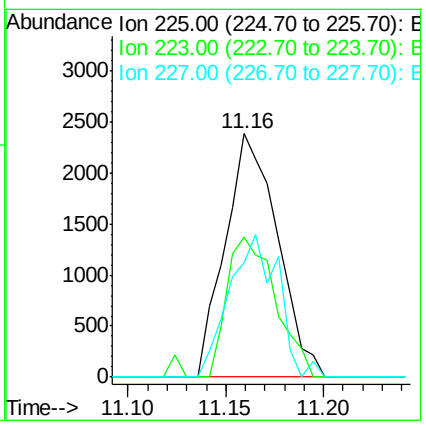


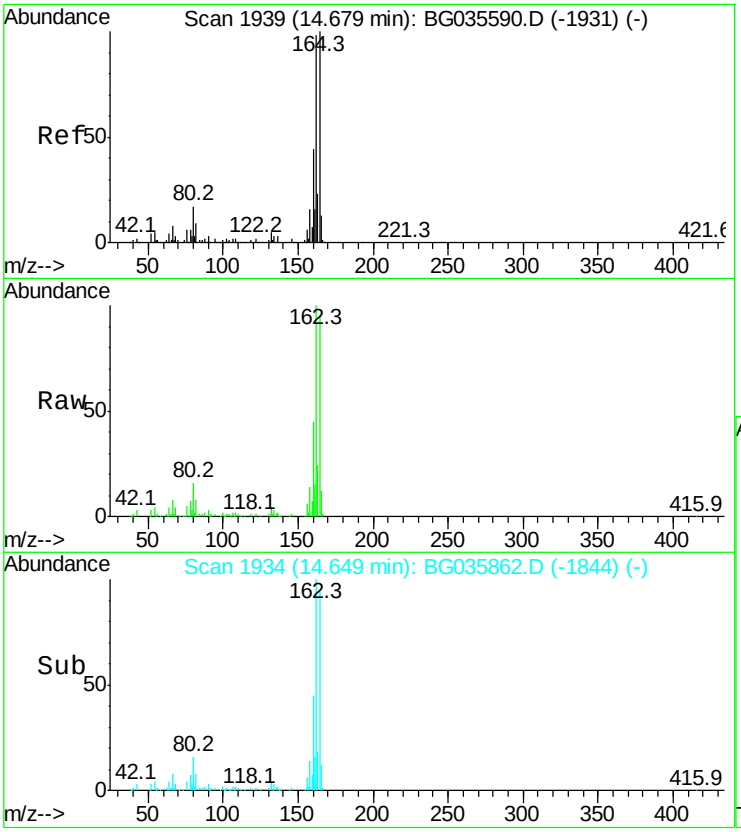


#34
Hexachlorobutadiene
Concen: 2.030 ng
RT: 11.16 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BG035862.D
Acq: 25 Jul 2018 1:09

Tgt Ion:225 Resp: 4414

Ion	Ratio	Lower	Upper
225	100		
223	57.5	49.7	74.5
227	47.0	48.1	72.1#



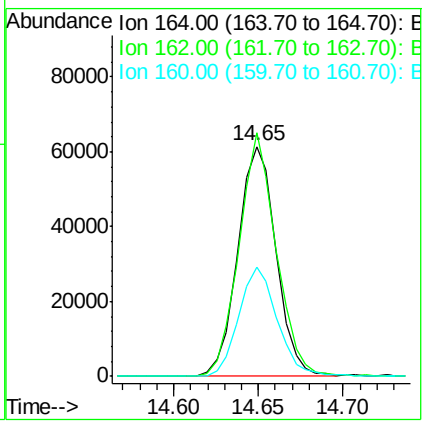


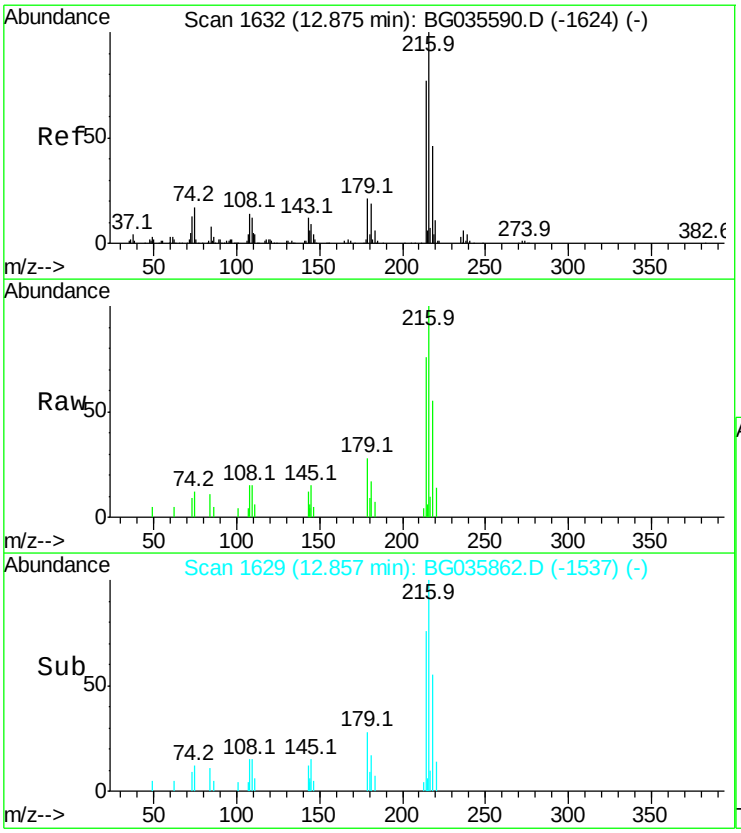
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG035862.D
Acq: 25 Jul 2018 1:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 96687

Ion	Ratio	Lower	Upper
164	100		
162	105.8	78.8	118.2
160	47.2	35.4	53.0

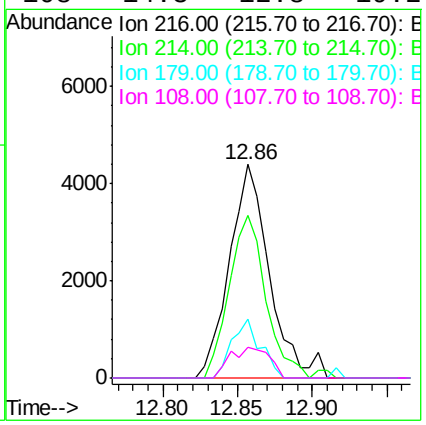


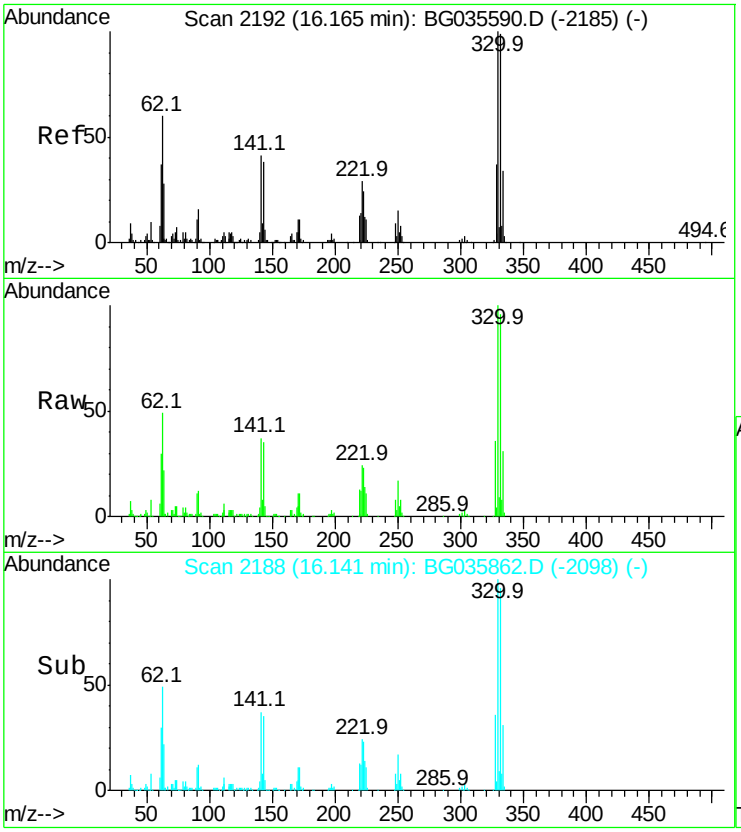


#39
1,2,4,5-Tetrachlorobenzene
Concen: 2.245 ng
RT: 12.86 min Scan# 1629
Delta R.T. 0.01 min
Lab File: BG035862.D
Acq: 25 Jul 2018 1:09

Tgt Ion:216 Resp: 8192

Ion	Ratio	Lower	Upper
216	100		
214	70.0	63.0	94.4
179	19.8	17.0	25.6
108	14.3	12.8	19.2



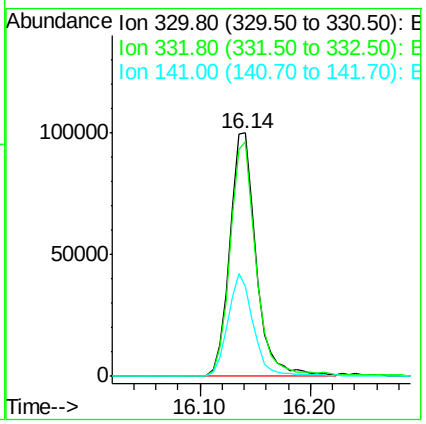


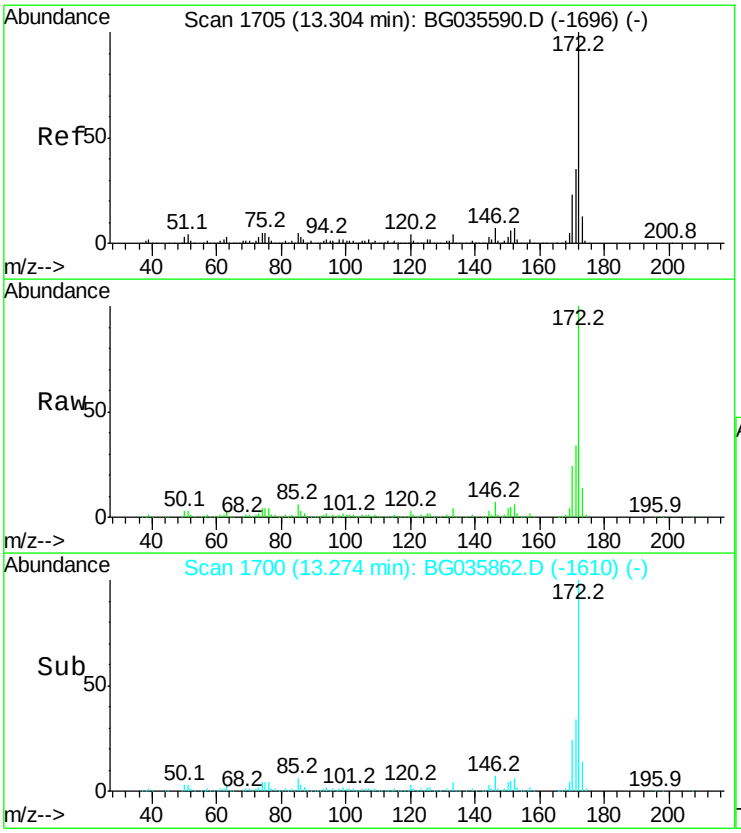
#41
2,4,6-Tribromophenol
Concen: 131.868 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG035862.D
Acq: 25 Jul 2018 1:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 168052

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	40.9	25.2	37.8#

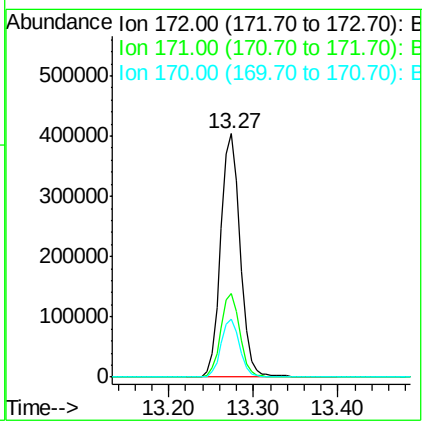


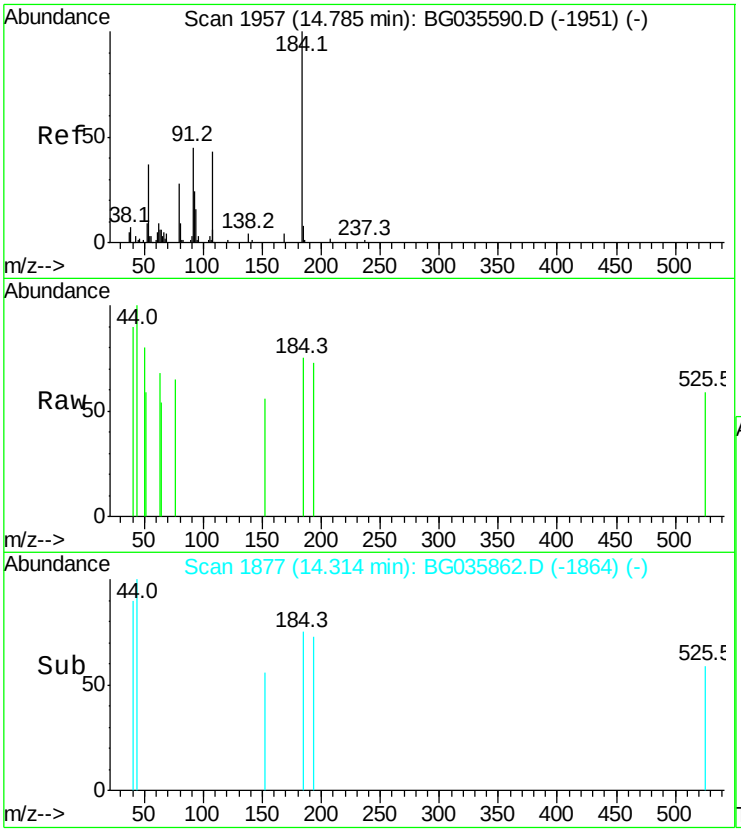


#44
2-Fluorobiphenyl
Concen: 89.430 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG035862.D
Acq: 25 Jul 2018 1:09

Tgt Ion:172 Resp: 645405

Ion	Ratio	Lower	Upper
172	100		
171	34.4	30.0	45.0
170	23.8	19.5	29.3



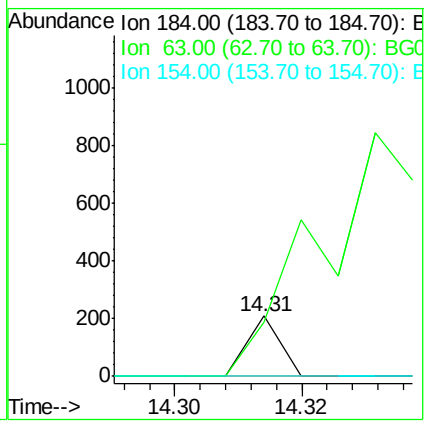


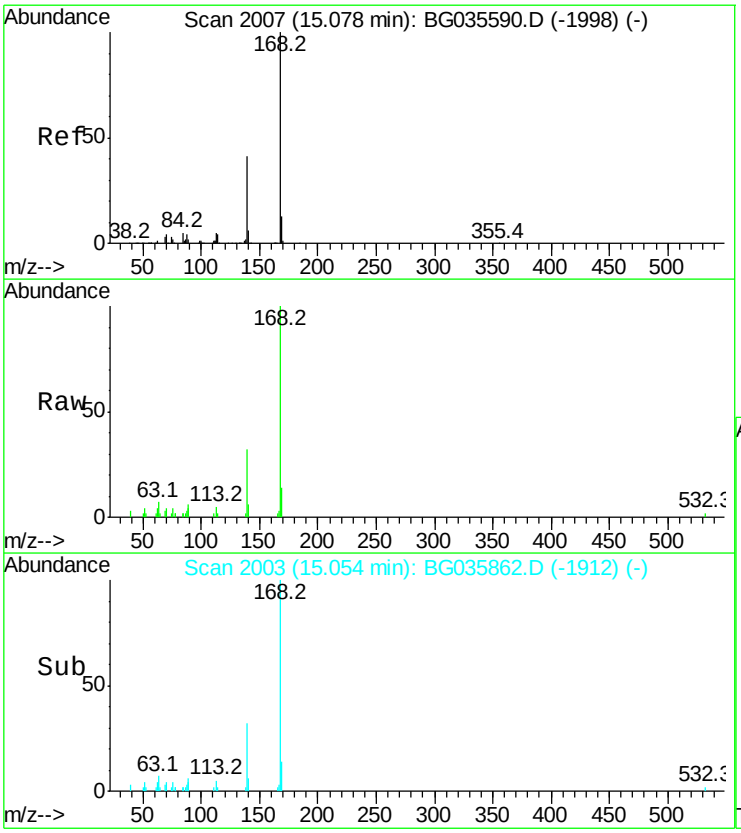
#53
2,4-Dinitrophenol
Concen: 6.659 ng
RT: 14.31 min Scan# 1877
Delta R.T. -0.45 min
Lab File: BG035862.D
Acq: 25 Jul 2018 1:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 74

Ion	Ratio	Lower	Upper
184	100		
63	90.4	59.8	89.8#
154	0.0	101.8	152.8#

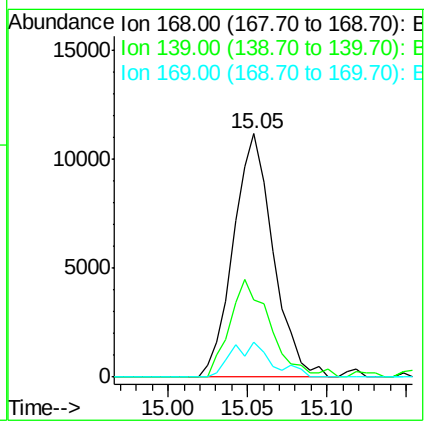


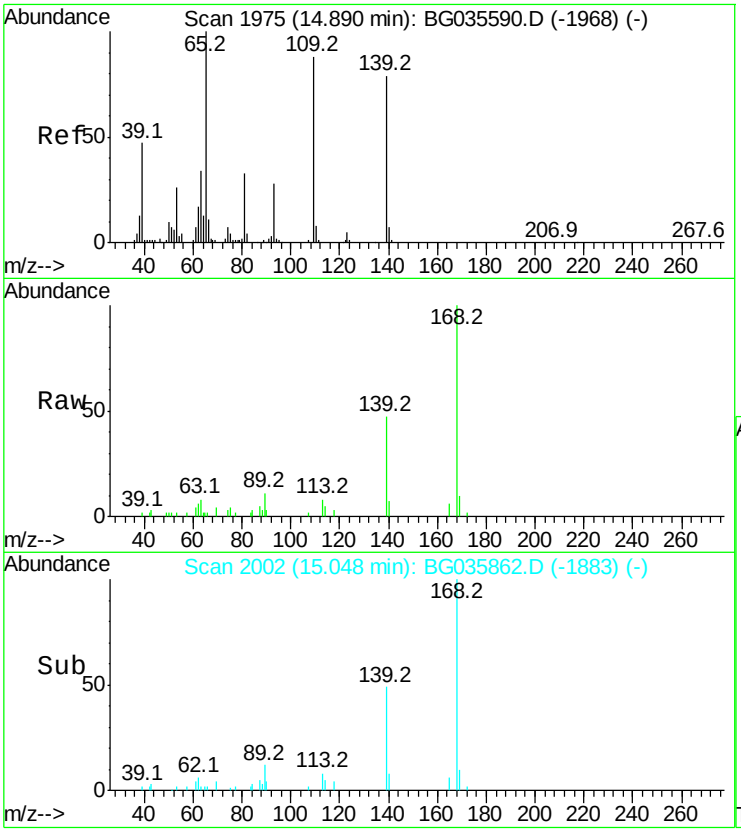


#54
Dibenzofuran
Concen: 2.005 ng
RT: 15.05 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BG035862.D
Acq: 25 Jul 2018 1:09

Tgt Ion:168 Resp: 19399

Ion	Ratio	Lower	Upper
168	100		
139	31.9	28.6	43.0
169	14.1	11.2	16.8



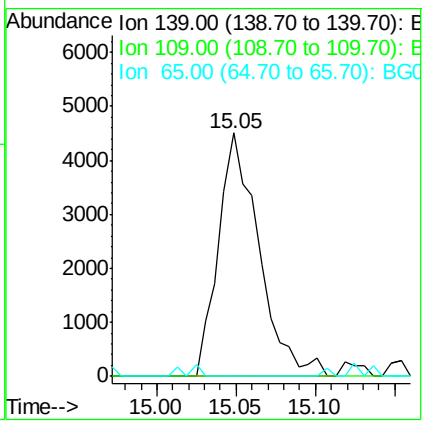


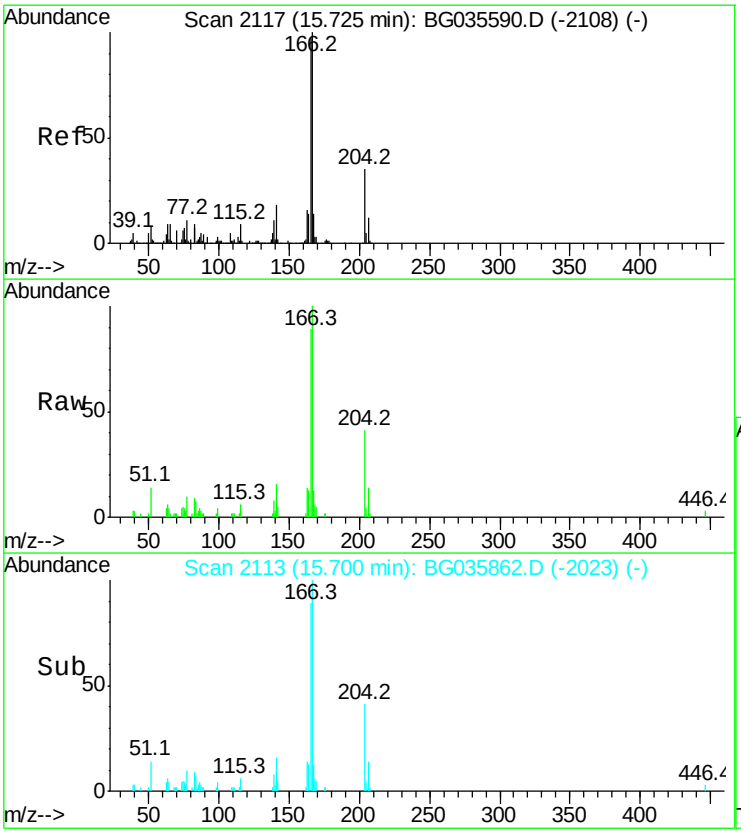
#55
4-Nitrophenol
Concen: 6.363 ng
RT: 15.05 min Scan# 2002
Delta R.T. 0.17 min
Lab File: BG035862.D
Acq: 25 Jul 2018 1:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 7990

Ion	Ratio	Lower	Upper
139	100		
109	0.0	62.2	102.2#
65	0.0	97.2	137.2#

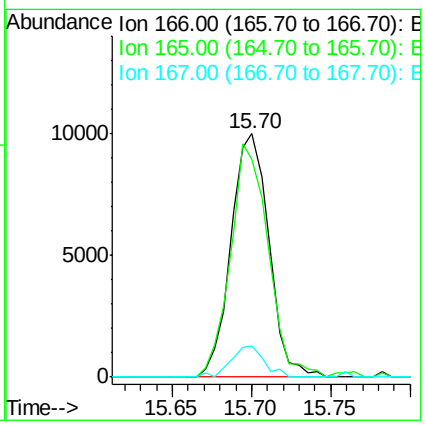


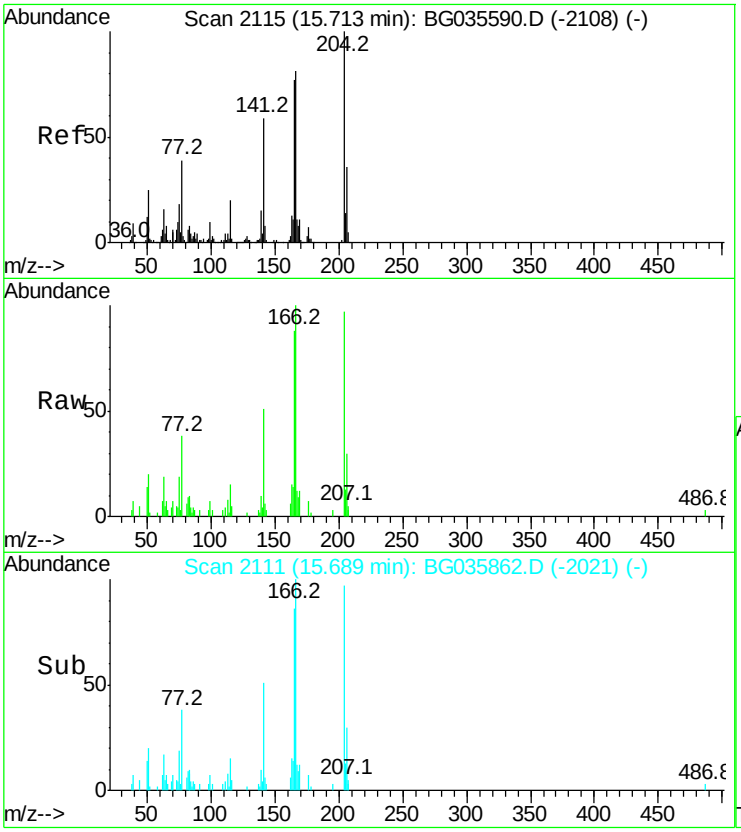


#57
Fluorene
Concen: 2.040 ng
RT: 15.70 min Scan# 2113
Delta R.T. -0.00 min
Lab File: BG035862.D
Acq: 25 Jul 2018 1:09

Tgt Ion:166 Resp: 16542

Ion	Ratio	Lower	Upper
166	100		
165	89.3	80.6	121.0
167	13.0	10.4	15.6



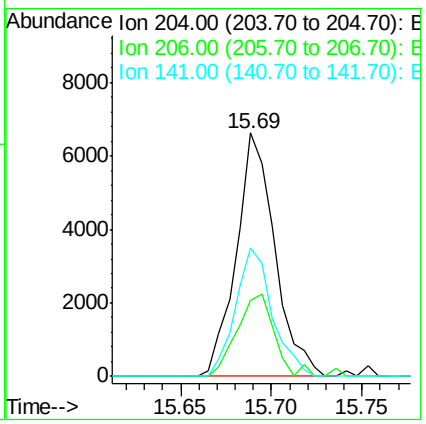


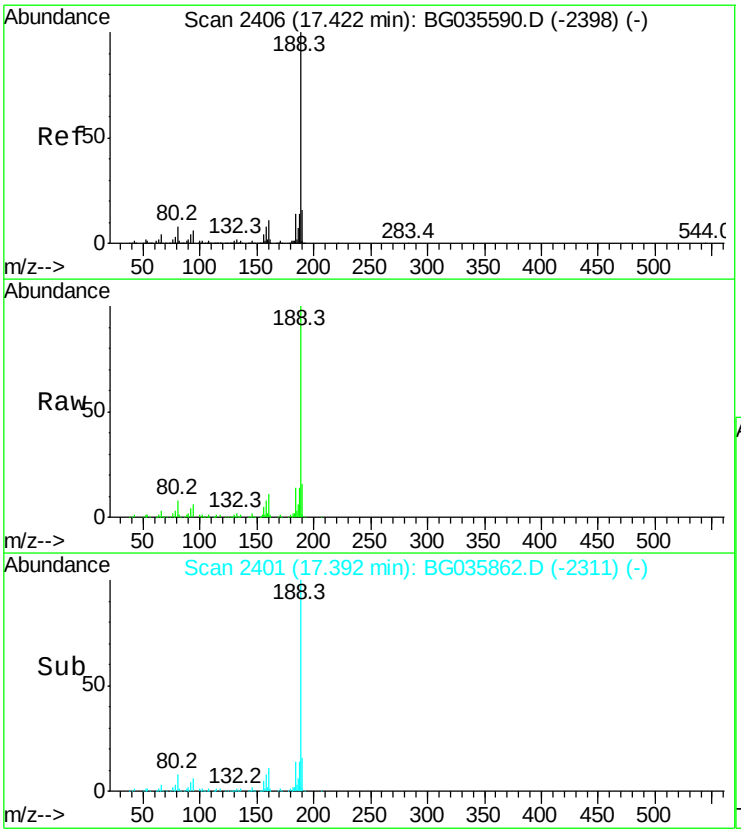
#60
4-Chlorophenyl-phenylether
Concen: 2.047 ng
RT: 15.69 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BG035862.D
Acq: 25 Jul 2018 1:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:204 Resp: 9758

Ion	Ratio	Lower	Upper
204	100		
206	31.4	26.2	39.2
141	52.7	45.8	68.6

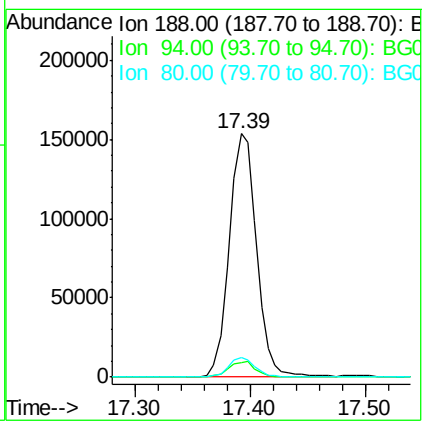


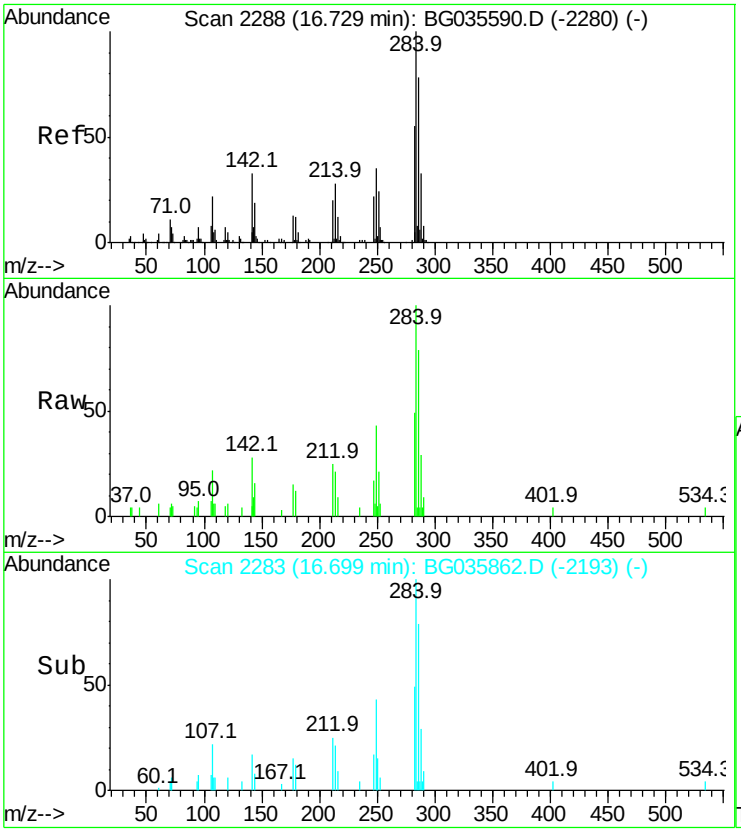


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035862.D
Acq: 25 Jul 2018 1:09

Tgt Ion:188 Resp: 251960

Ion	Ratio	Lower	Upper
188	100		
94	6.1	6.9	10.3#
80	8.3	7.7	11.5



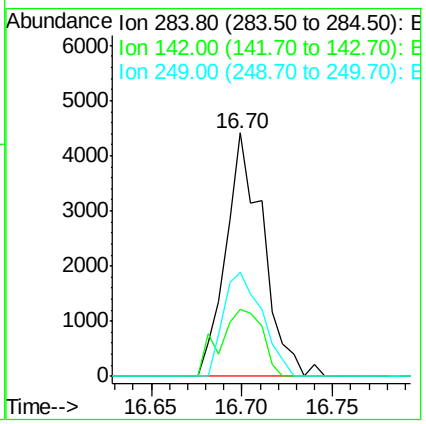


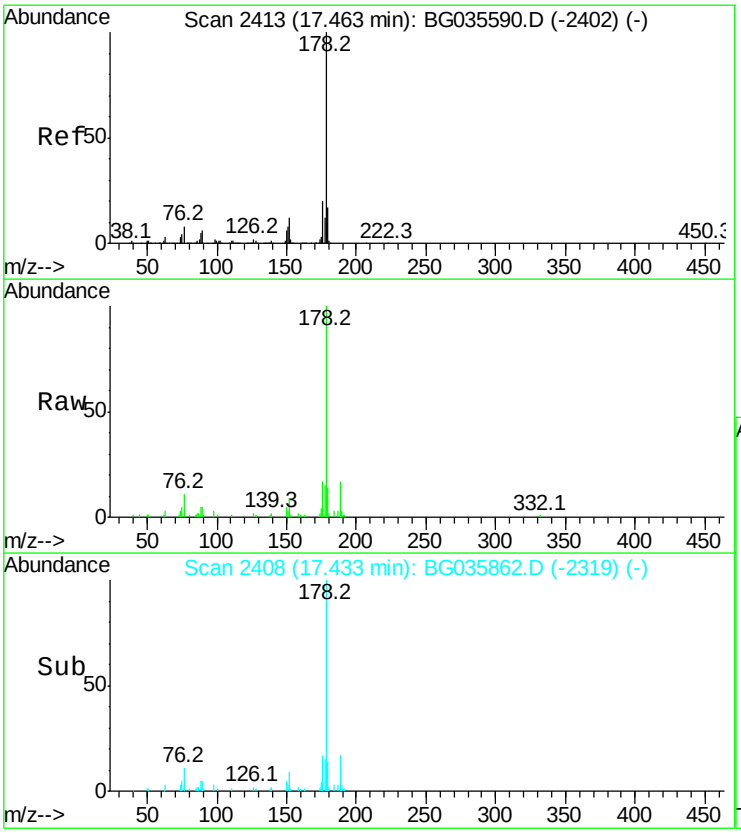
#67
Hexachlorobenzene
Concen: 2.102 ng
RT: 16.70 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BG035862.D
Acq: 25 Jul 2018 1:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:284 Resp: 6328

Ion	Ratio	Lower	Upper
284	100		
142	27.6	26.8	40.2
249	43.0	26.3	39.5#

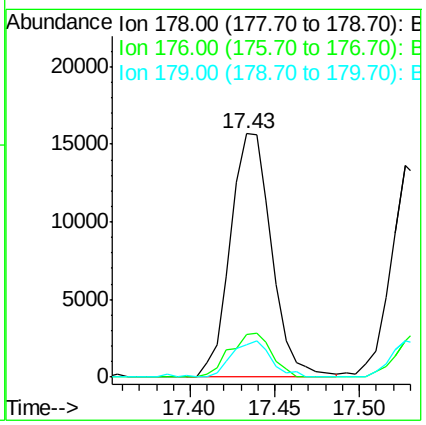


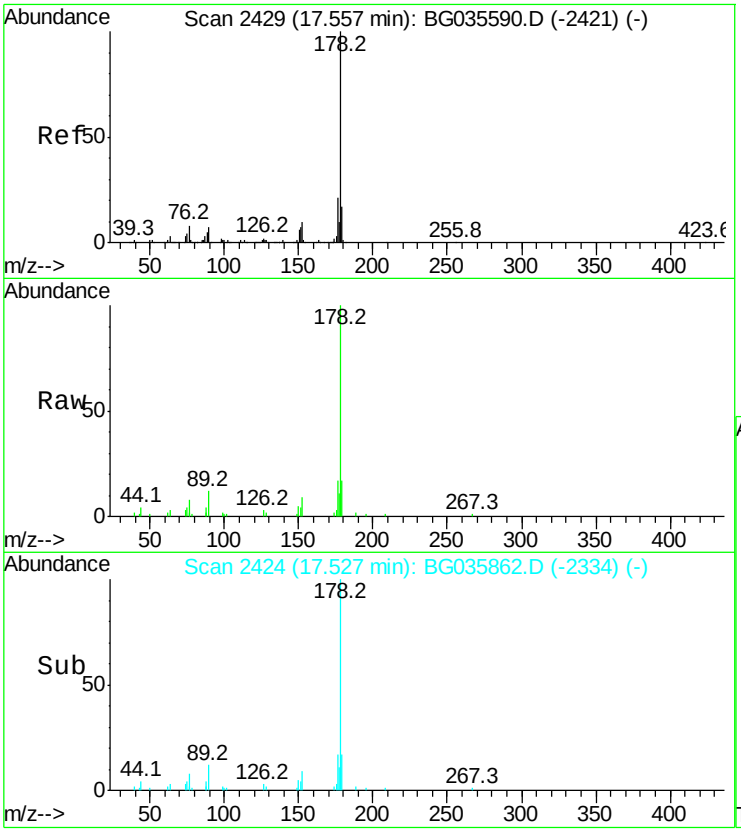


#70
Phenanthrene
Concen: 2.118 ng
RT: 17.43 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BG035862.D
Acq: 25 Jul 2018 1:09

Tgt Ion:178 Resp: 26624

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.7	23.5
179	13.5	12.5	18.7



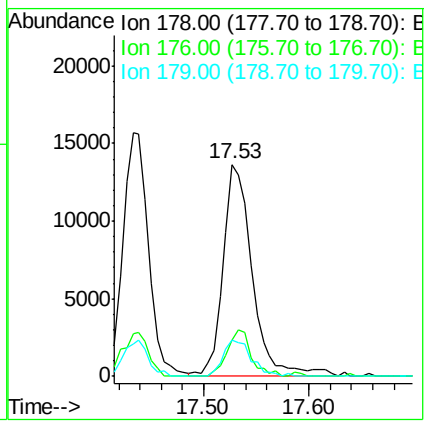


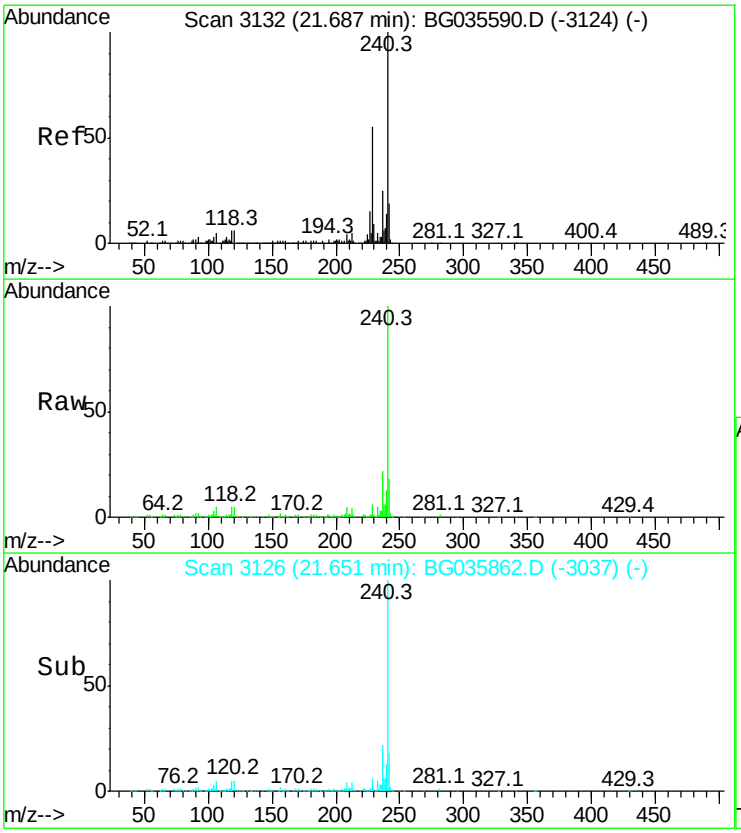
#71
Anthracene
Concen: 2.096 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG035862.D
Acq: 25 Jul 2018 1:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 26241

Ion	Ratio	Lower	Upper
178	100		
176	17.3	16.0	24.0
179	17.0	12.5	18.7

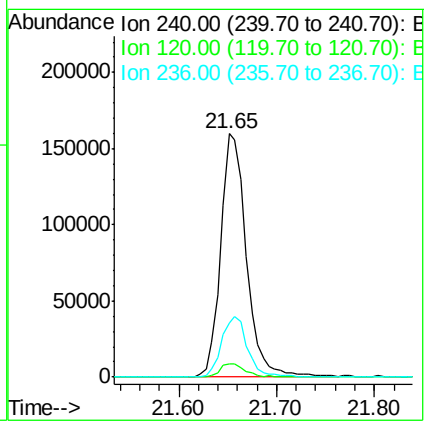


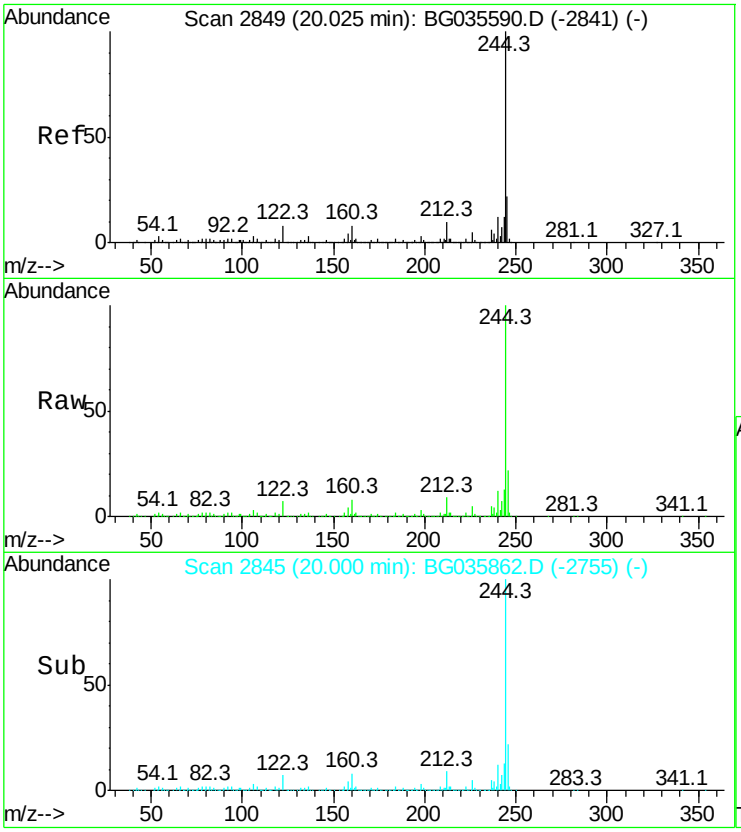


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG035862.D
Acq: 25 Jul 2018 1:09

Tgt Ion:240 Resp: 292593

Ion	Ratio	Lower	Upper
240	100		
120	5.3	6.8	10.2#
236	22.3	20.9	31.3



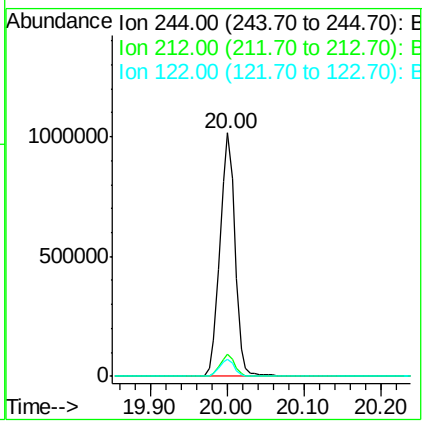


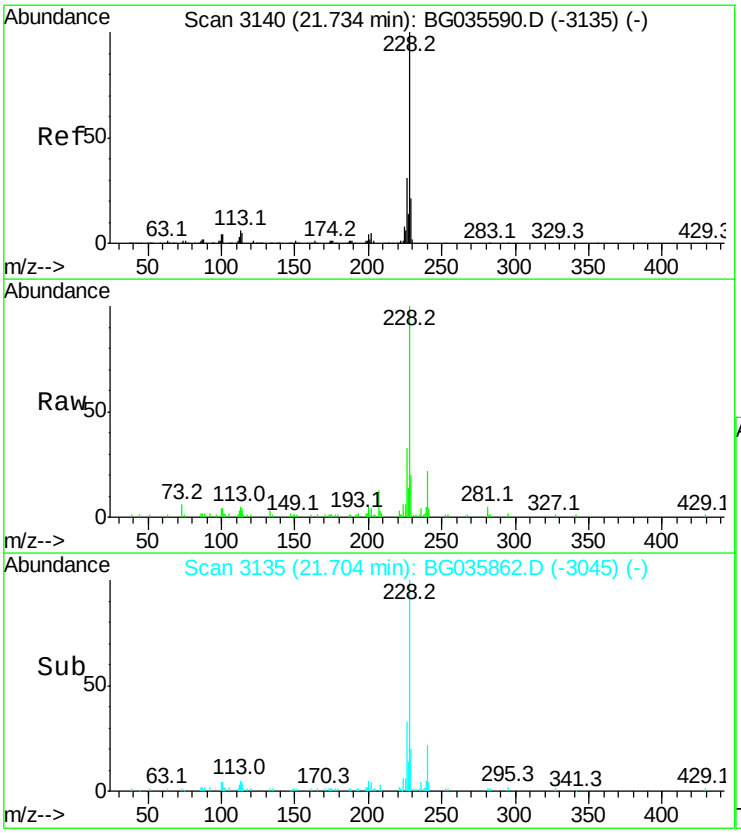
#78
Terphenyl-d14
Concen: 103.894 ng
RT: 20.00 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BG035862.D
Acq: 25 Jul 2018 1:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1379067

Ion	Ratio	Lower	Upper
244	100		
212	9.2	5.8	8.8#
122	7.1	7.0	10.4

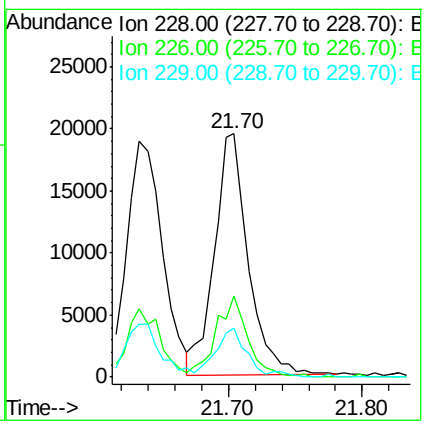


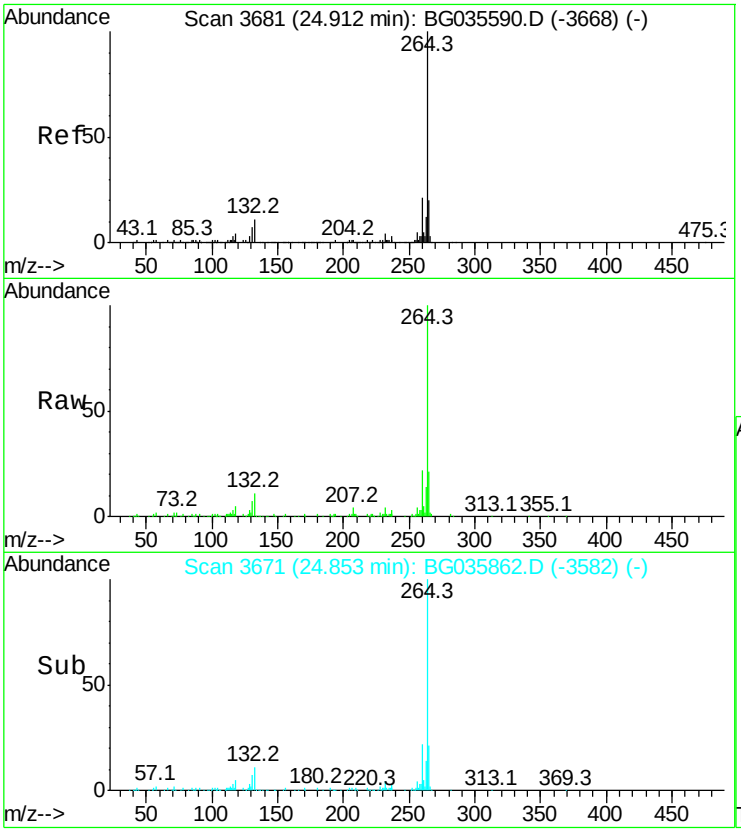


#82
Chrysene
Concen: 2.039 ng
RT: 21.70 min Scan# 3135
Delta R.T. -0.00 min
Lab File: BG035862.D
Acq: 25 Jul 2018 1:09

Tgt Ion:228 Resp: 34457

Ion	Ratio	Lower	Upper
228	100		
226	33.4	24.9	37.3
229	20.3	15.0	22.4



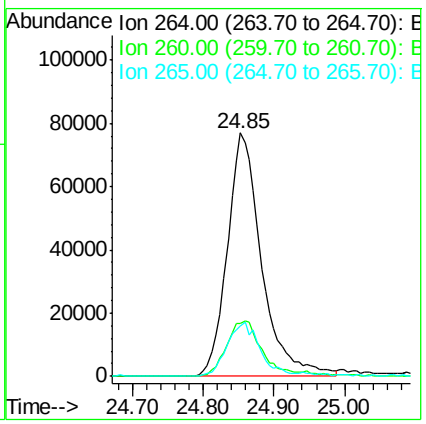


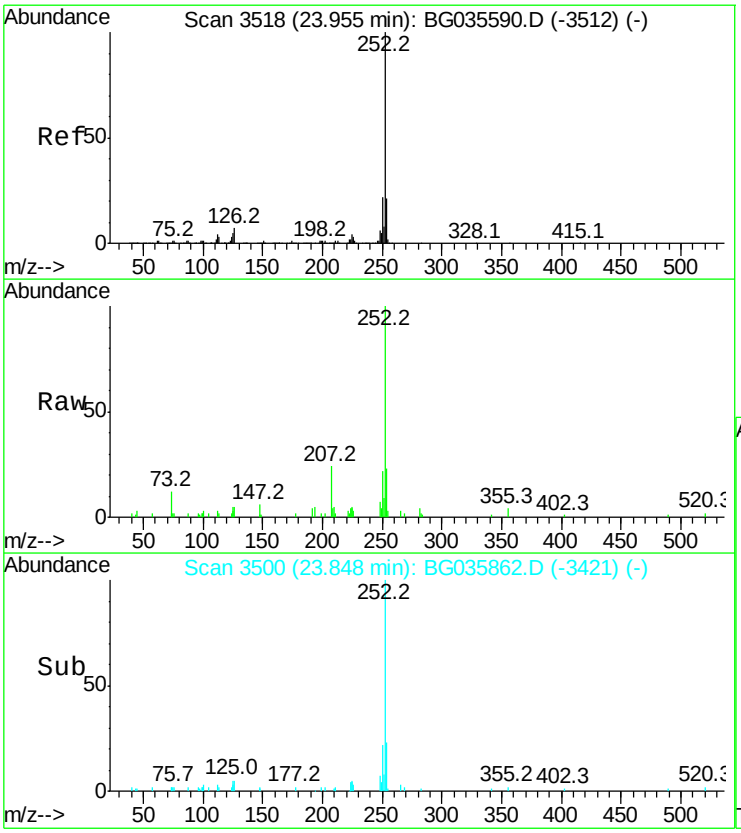
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3671
Delta R.T. -0.01 min
Lab File: BG035862.D
Acq: 25 Jul 2018 1:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 258990

Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.4	26.0
265	20.7	17.7	26.5





#88
Benzo(k)fluoranthene
Concen: 2.020 ng
RT: 23.85 min Scan# 3500
Delta R.T. -0.06 min
Lab File: BG035862.D
Acq: 25 Jul 2018 1:09

Tgt Ion:252 Resp: 31087

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	8.7	6.6	9.8