Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011017\
Data File : BG025465.D
Acq On : 10 Jan 2017 23:38
Operator : UM/SJ
Sample : I1077-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-13

Quant Time: Jan 11 06:24:33 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	55620	20.00	ng		0.01
21) Naphthalene-d8	11.03	136	230742	20.00	ng		0.00
38) Acenaphthene-d10	14.83	164	195316	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	419004	20.00	ng		0.00
75) Chrysene-d12	21.86	240	637303	20.00	ng		0.00
86) Perylene-d12	25.26	264	679610	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	231626	75.70	ng		0.00
7) Phenol-d6	7.36	99	200390	46.50	ng		0.00
23) Nitrobenzene-d5	9.39	82	563952	107.97	ng		0.00
41) 2,4,6-Tribromophenol	16.32	330	517599	164.61	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	1247439	103.40	ng		0.00
78) Terphenyl-d14	20.15	244	2358310	98.11	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	8.52	79	13057	3.17	ng	#	65
18) Hexachloroethane	9.31	117	107715	64.79	ng	#	1
22) Acetophenone	8.88	105	50921	7.94	ng	#	66
24) Nitrobenzene	9.38	77	26110	4.56	ng	#	11
28) bis(2-Chloroethoxy)methane	10.41	93	12184	2.48	ng	#	59
37) 2-Methylnaphthalene	12.89	142	1164798	136.40	ng		92
40) Hexachlorocyclopentadiene	13.04	237	57	8.53	ng	#	29
53) 2,4-Dinitrophenol	14.98	184	326	5.23	ng	#	68
54) Dibenzofuran	15.22	168	60135	3.66	ng	#	95
57) Fluorene	15.87	166	45549	3.31	ng		98
70) Phenanthrene	17.61	178	43892	2.03	ng		96
71) Anthracene	17.61	178	43892	2.00	ng		96

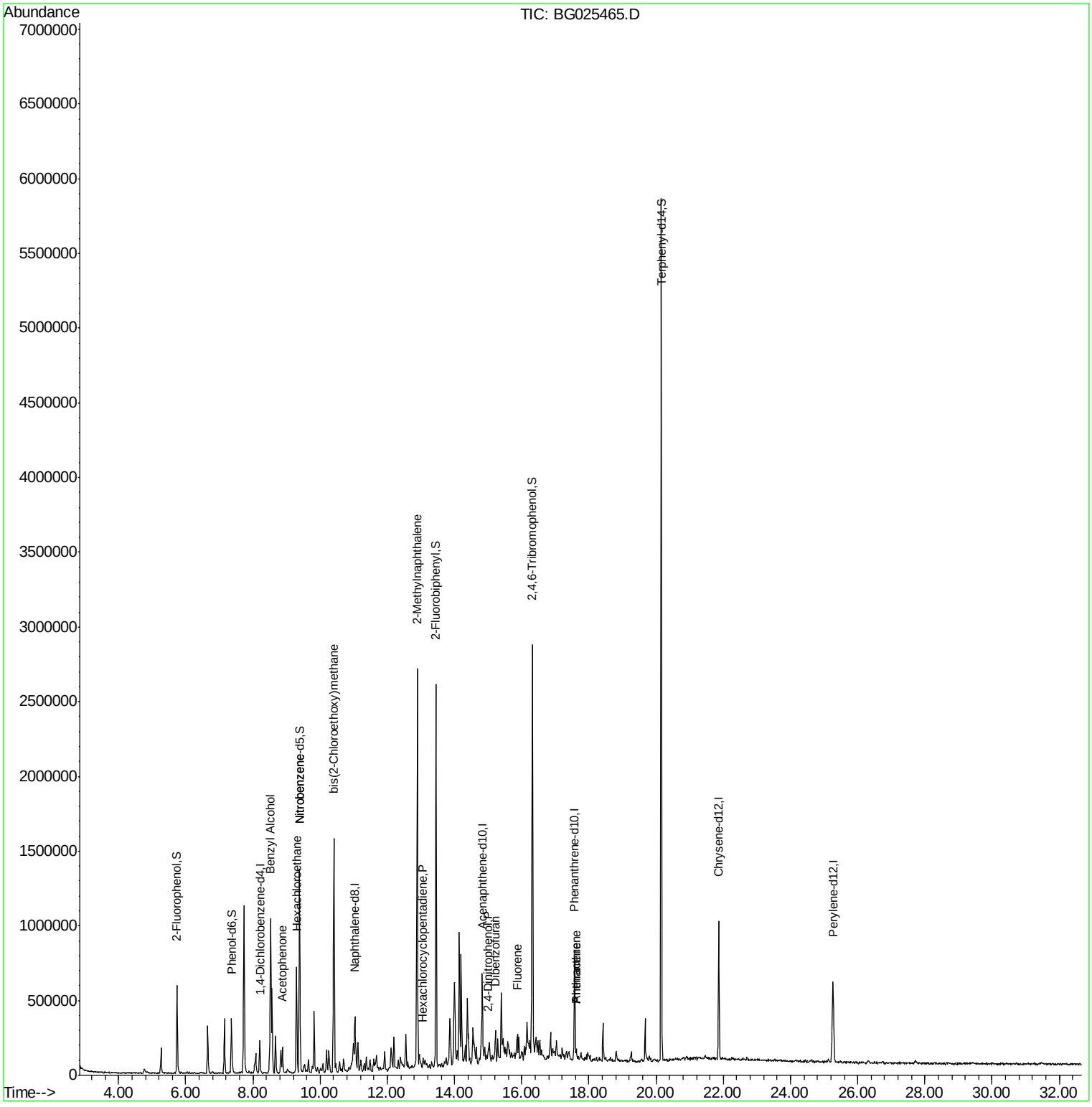
(#) = qualifier out of range (m) = manual integration (+) = signals summed

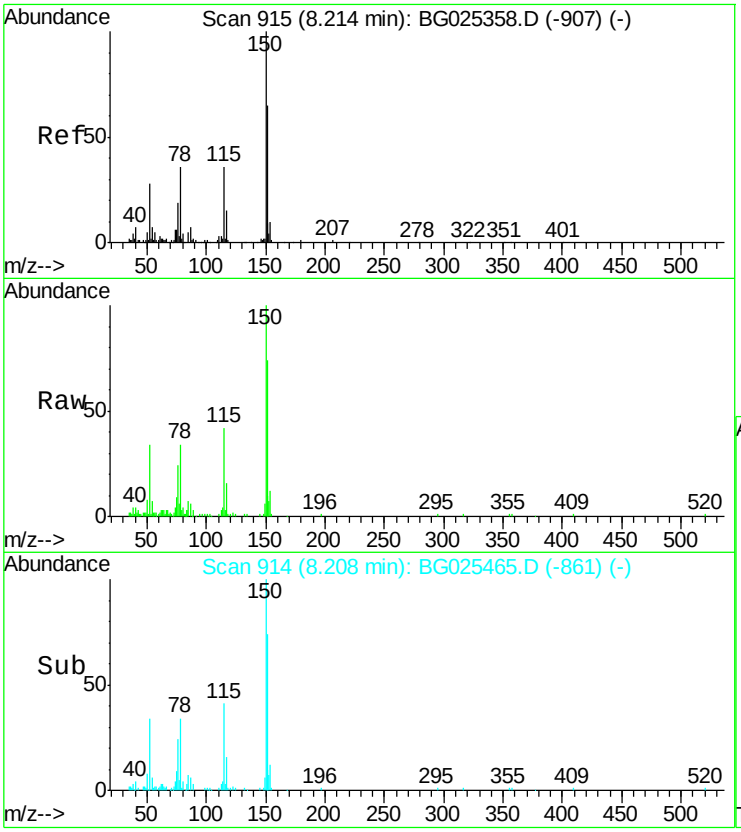
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011017\
Data File : BG025465.D
Acq On : 10 Jan 2017 23:38
Operator : UM/SJ
Sample : I1077-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-13

Quant Time: Jan 11 06:24:33 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration



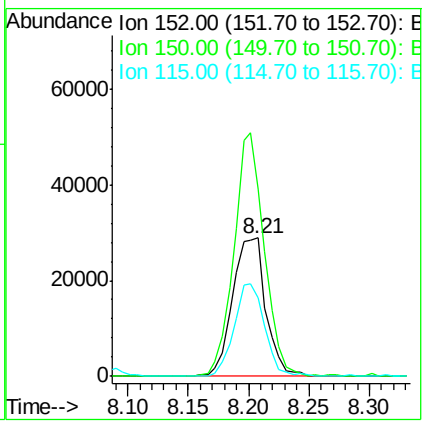


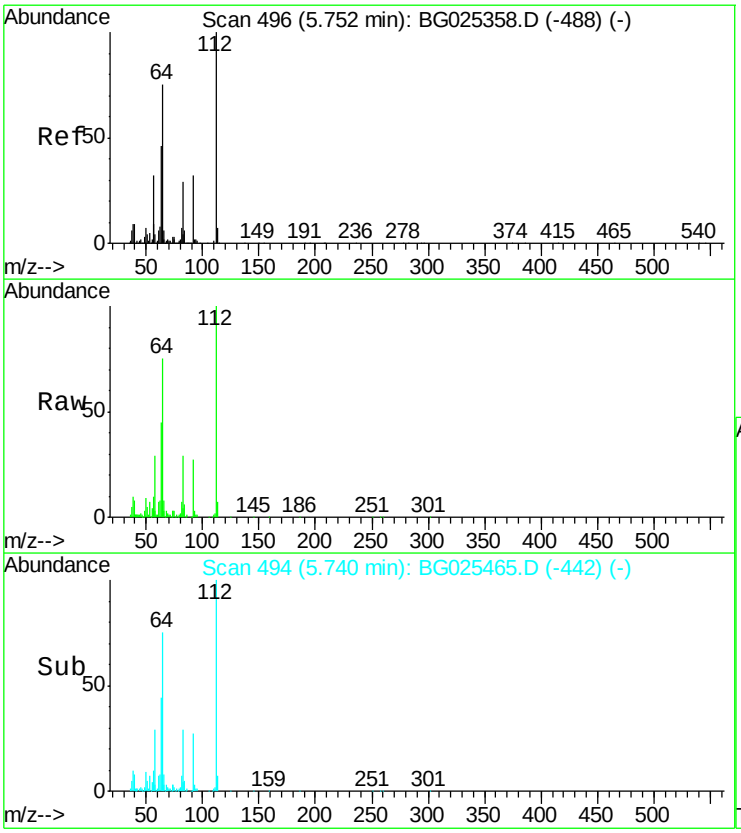
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 914
Delta R.T. 0.01 min
Lab File: BG025465.D
Acq: 10 Jan 2017 23:38

Instrument :
BNA_G
ClientSampleId :
W-13

Tgt Ion:152 Resp: 55620

Ion	Ratio	Lower	Upper
152	100		
150	135.3	114.0	171.0
115	56.6	48.1	72.1

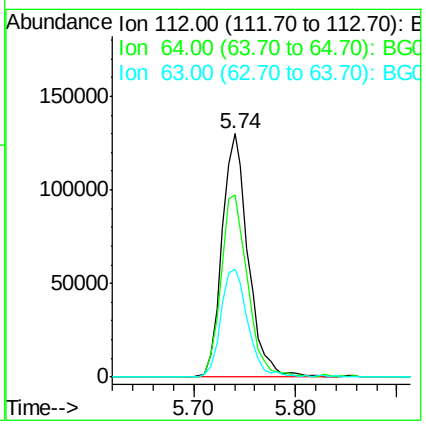


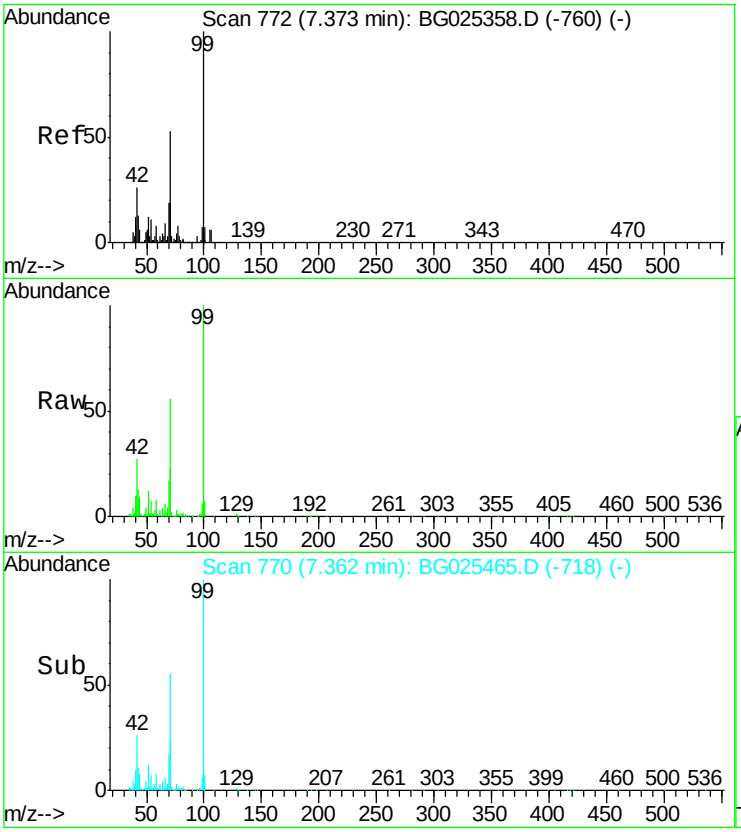


#5
2-Fluorophenol
Concen: 75.70 ng
RT: 5.74 min Scan# 494
Delta R.T. 0.00 min
Lab File: BG025465.D
Acq: 10 Jan 2017 23:38

Tgt Ion:112 Resp: 231626

Ion	Ratio	Lower	Upper
112	100		
64	74.8	61.8	92.6
63	44.6	37.2	55.8



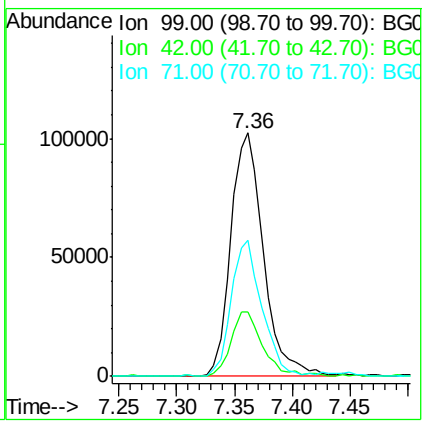


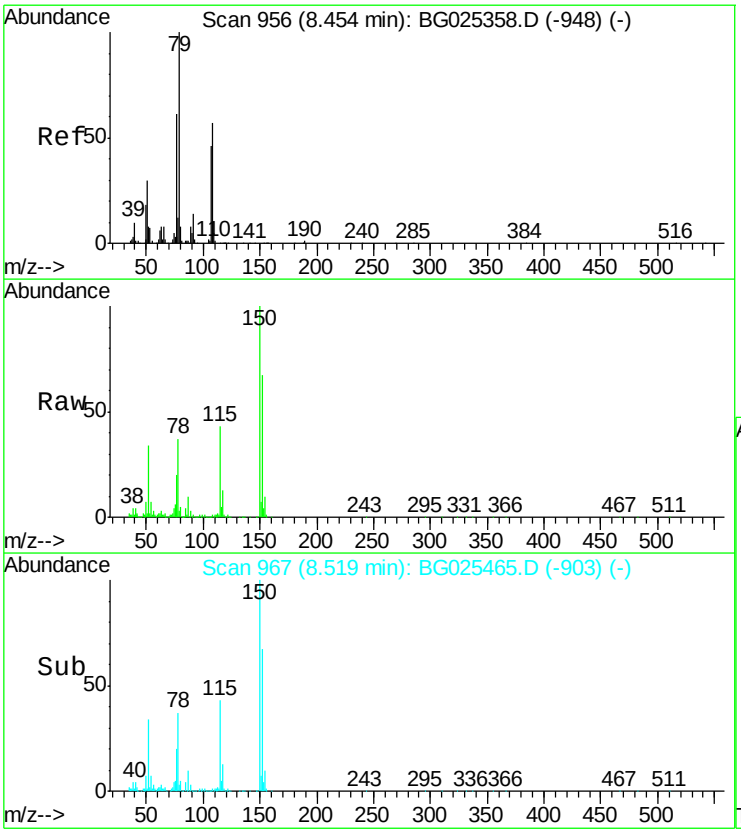
#7
Phenol-d6
Concen: 46.50 ng
RT: 7.36 min Scan# 770
Delta R.T. 0.00 min
Lab File: BG025465.D
Acq: 10 Jan 2017 23:38

Instrument :
BNA_G
ClientSampleId :
W-13

Tgt Ion: 99 Resp: 200390

Ion	Ratio	Lower	Upper
99	100		
42	26.7	20.5	30.7
71	55.7	37.6	56.4

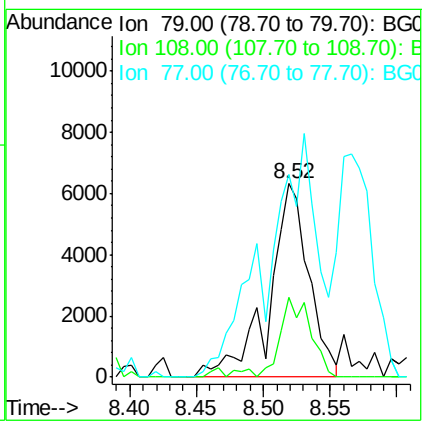


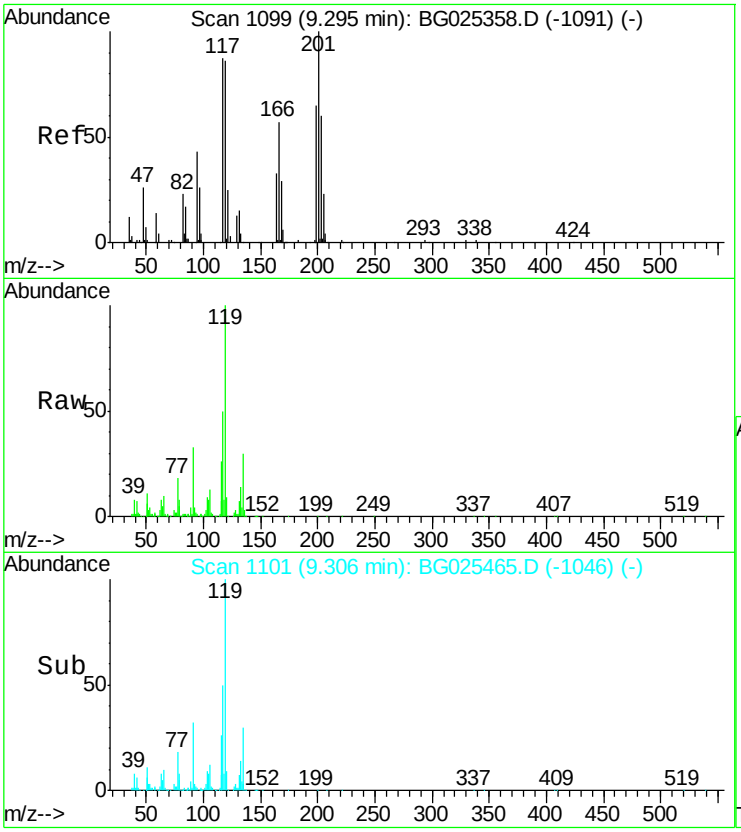


#15
Benzyl Alcohol
Concen: 3.17 ng
RT: 8.52 min Scan# 967
Delta R.T. 0.08 min
Lab File: BG025465.D
Acq: 10 Jan 2017 23:38

Tgt Ion: 79 Resp: 13057

Ion	Ratio	Lower	Upper
79	100		
108	41.3	45.5	68.3#
77	104.9	54.3	81.5#



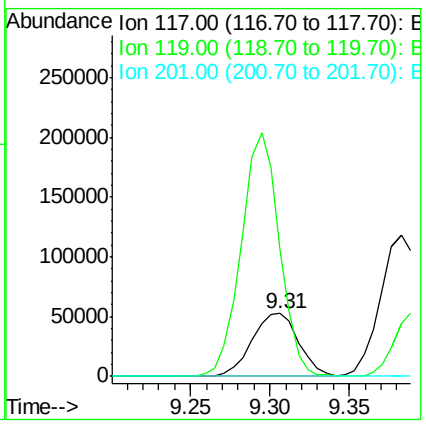


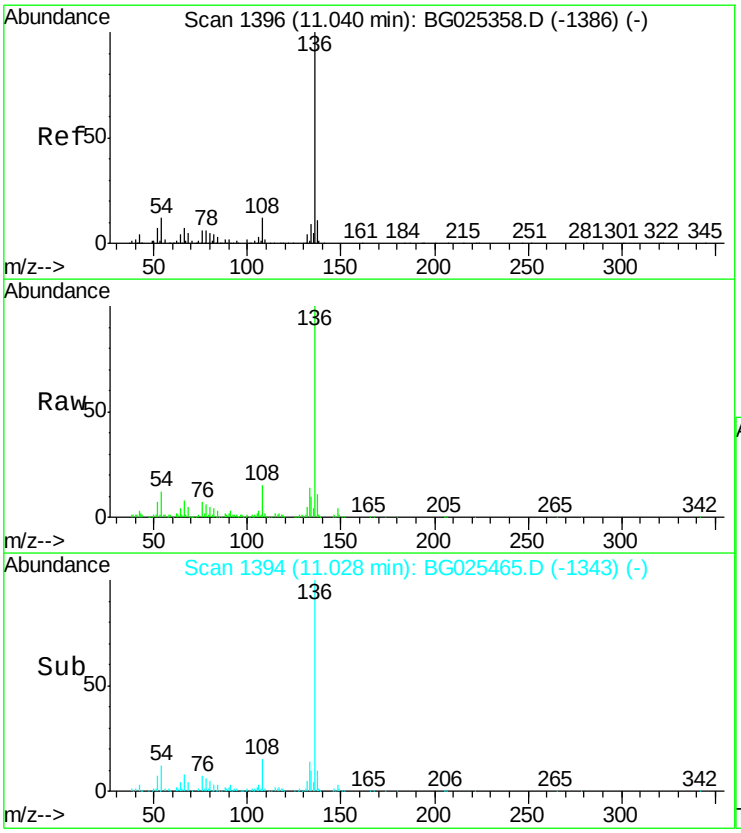
#18
Hexachloroethane
Concen: 64.79 ng
RT: 9.31 min Scan# 1101
Delta R.T. 0.02 min
Lab File: BG025465.D
Acq: 10 Jan 2017 23:38

Instrument :
BNA_G
ClientSampleId :
W-13

Tgt Ion:117 Resp: 107715

Ion	Ratio	Lower	Upper
117	100		
119	201.1	69.8	104.6#
201	0.0	95.4	143.0#

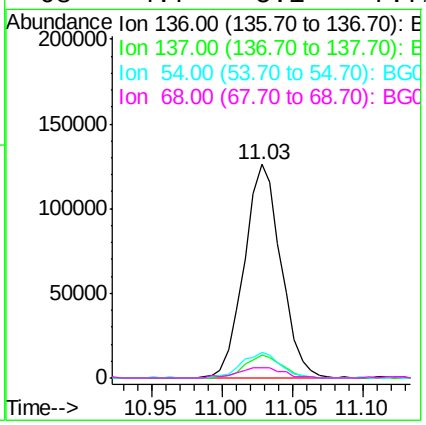


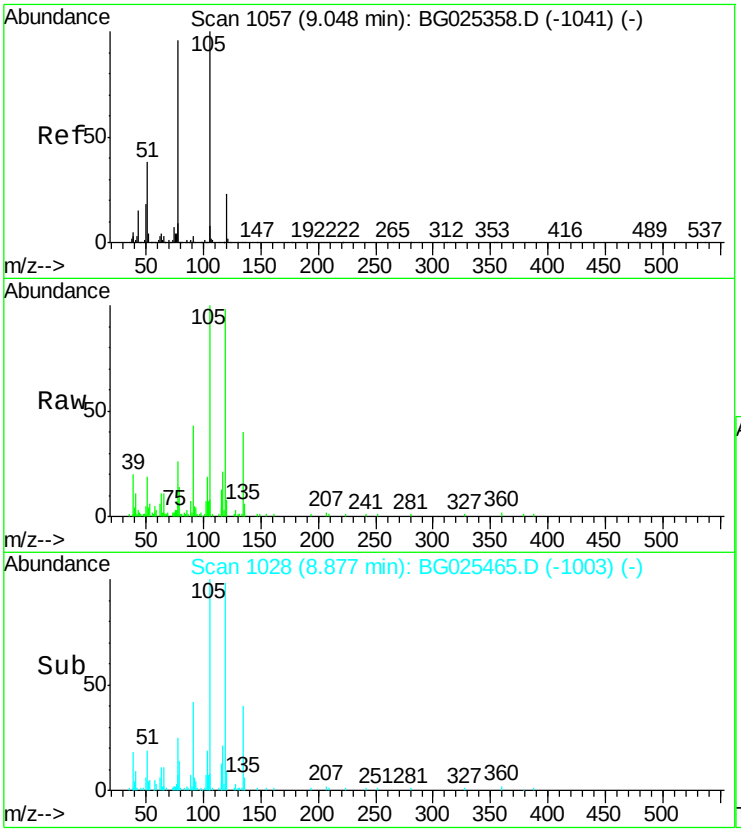


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG025465.D
Acq: 10 Jan 2017 23:38

Tgt Ion:136 Resp: 230742

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	11.9	9.3	13.9
68	4.7	5.1	7.7#



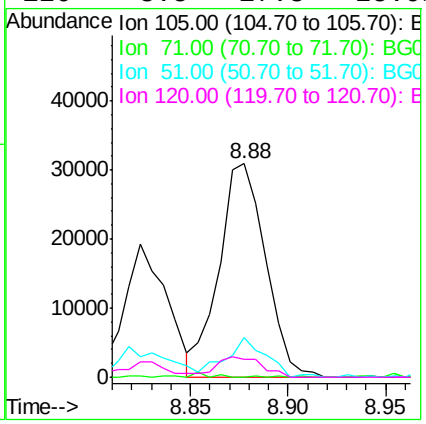


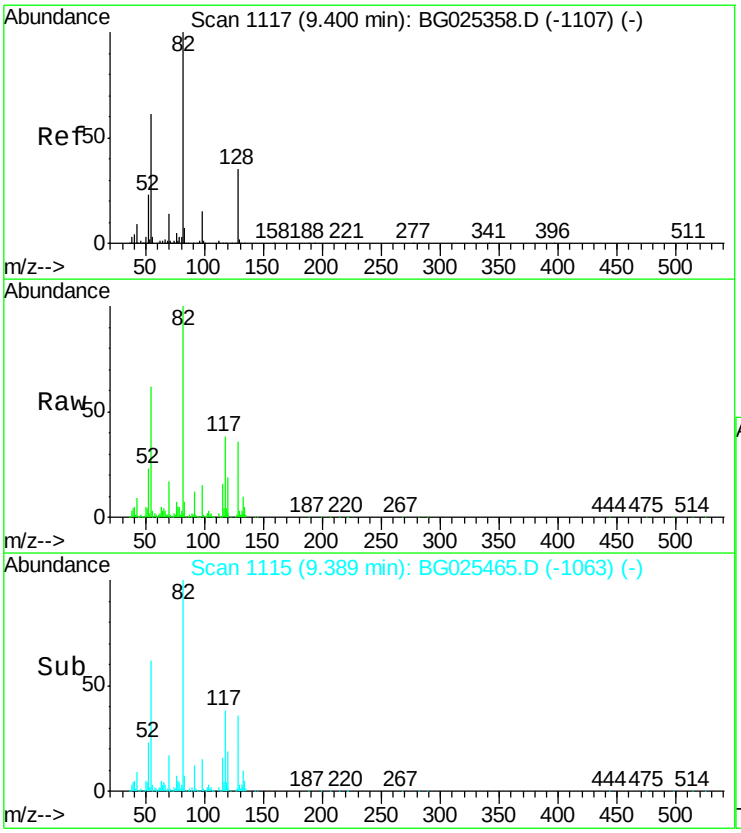
#22
Acetophenone
Concen: 7.94 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.15 min
Lab File: BG025465.D
Acq: 10 Jan 2017 23:38

Instrument : BNA_G
ClientSampleId : W-13

Tgt Ion:105 Resp: 50921

Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.9	1.3#
51	18.8	34.0	51.0#
120	8.5	17.3	25.9#

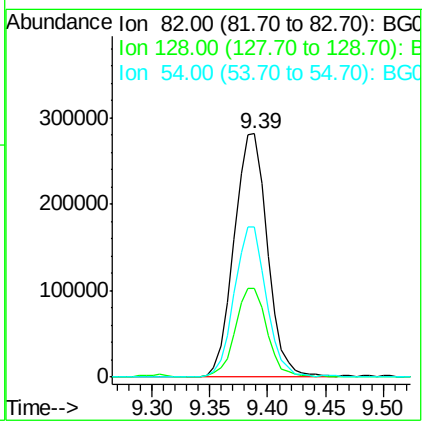


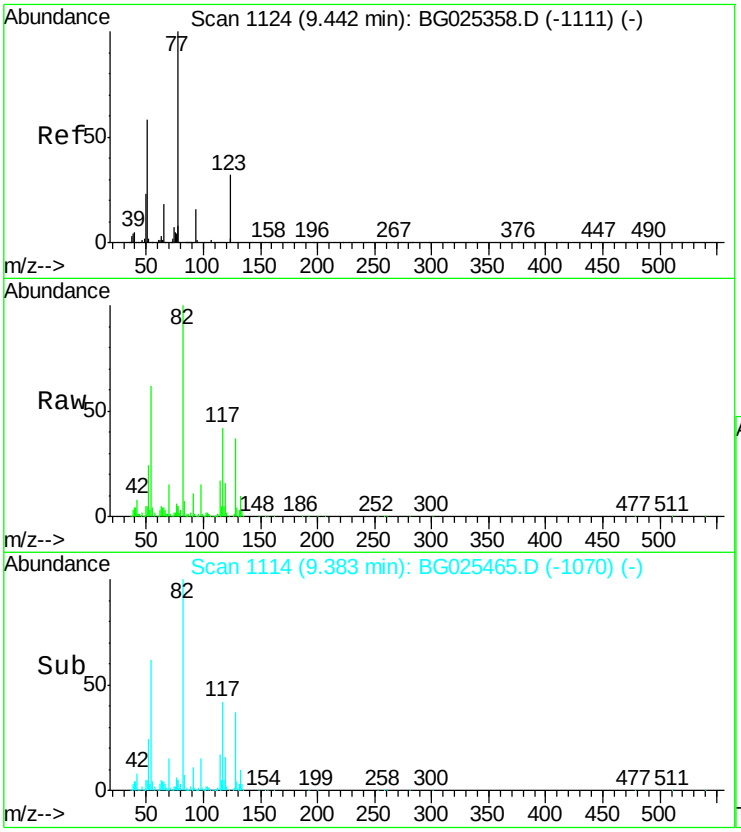


#23
Nitrobenzene-d5
Concen: 107.97 ng
RT: 9.39 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BG025465.D
Acq: 10 Jan 2017 23:38

Tgt Ion: 82 Resp: 563952

Ion	Ratio	Lower	Upper
82	100		
128	36.3	26.4	39.6
54	61.7	49.4	74.2



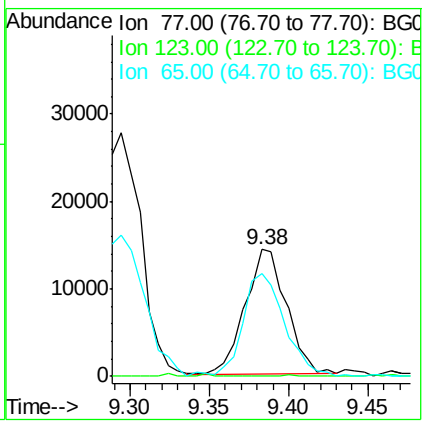


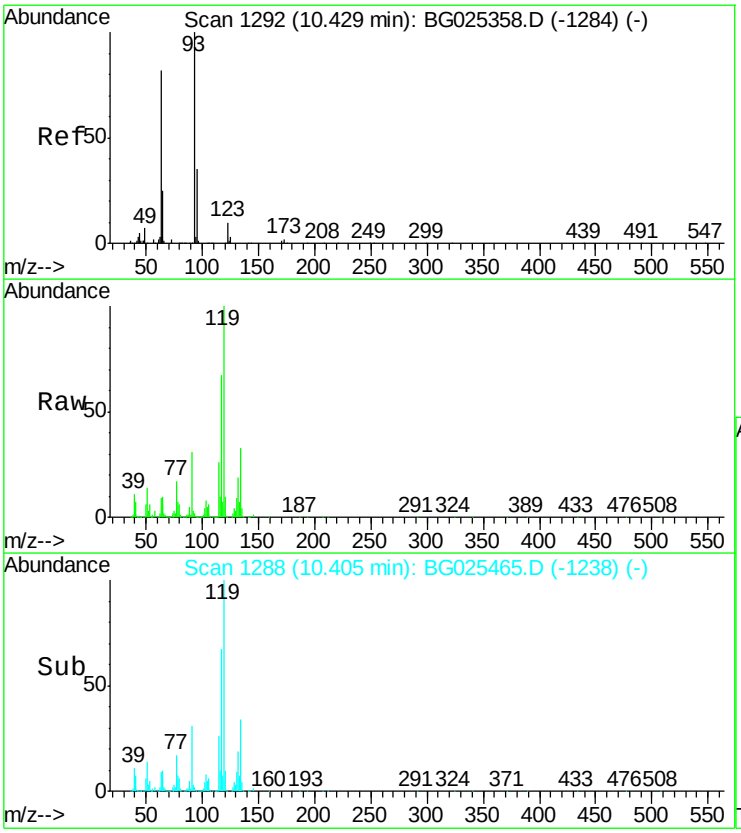
#24
Nitrobenzene
Concen: 4.56 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.04 min
Lab File: BG025465.D
Acq: 10 Jan 2017 23:38

Instrument : BNA_G
ClientSampleId : W-13

Tgt Ion: 77 Resp: 26110

Ion	Ratio	Lower	Upper
77	100		
123	0.0	26.1	39.1#
65	80.8	12.4	18.6#

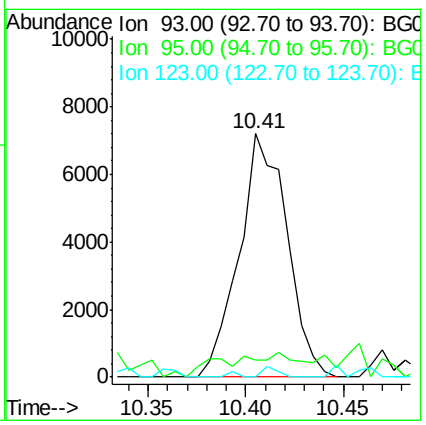


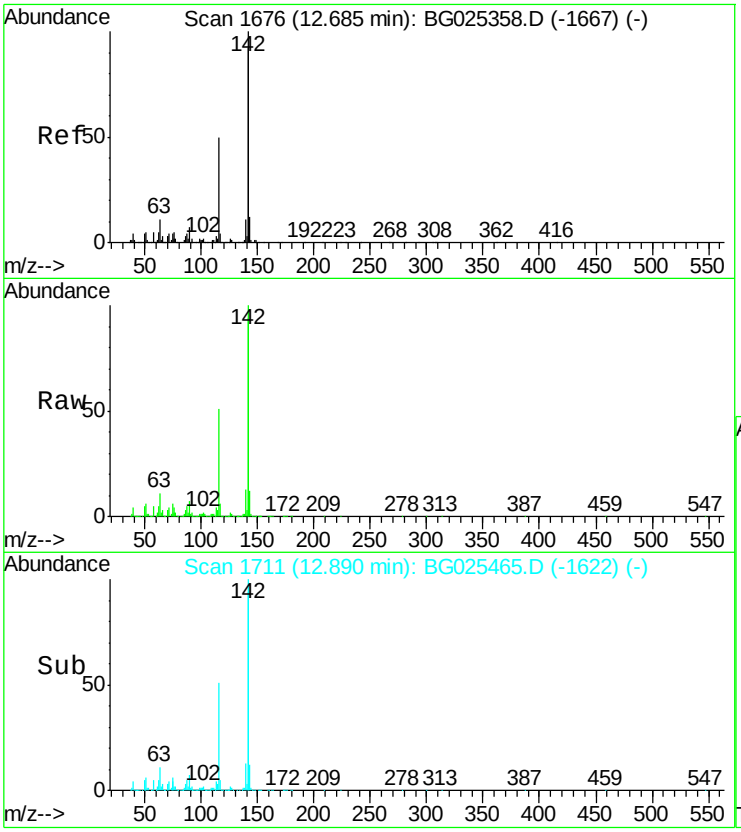


#28
bis(2-Chloroethoxy)methane
Concen: 2.48 ng
RT: 10.41 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG025465.D
Acq: 10 Jan 2017 23:38

Tgt Ion: 93 Resp: 12184

Ion	Ratio	Lower	Upper
93	100		
95	7.1	25.7	38.5#
123	0.0	8.3	12.5#



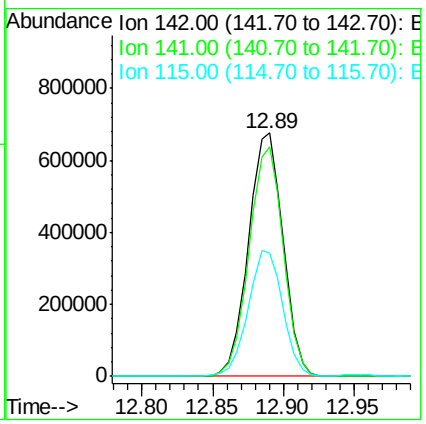


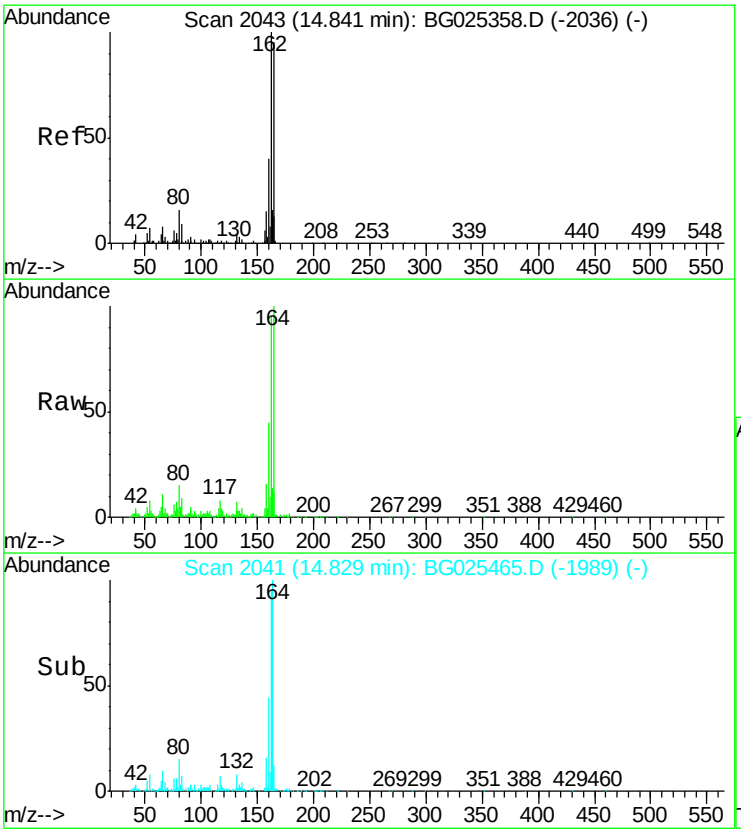
#37
2-Methylnaphthalene
Concen: 136.40 ng
RT: 12.89 min Scan# 1711
Delta R.T. 0.22 min
Lab File: BG025465.D
Acq: 10 Jan 2017 23:38

Instrument :
BNA_G
ClientSampleId :
W-13

Tgt Ion:142 Resp: 1164798

Ion	Ratio	Lower	Upper
142	100		
141	94.2	70.4	105.6
115	50.8	35.5	53.3

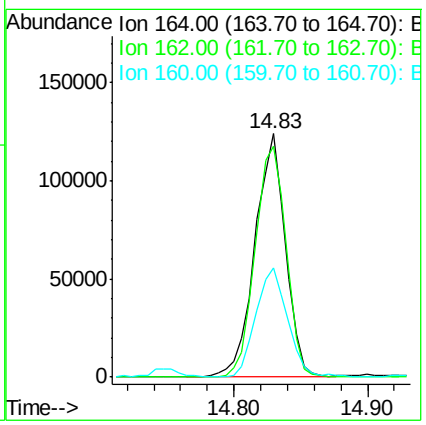


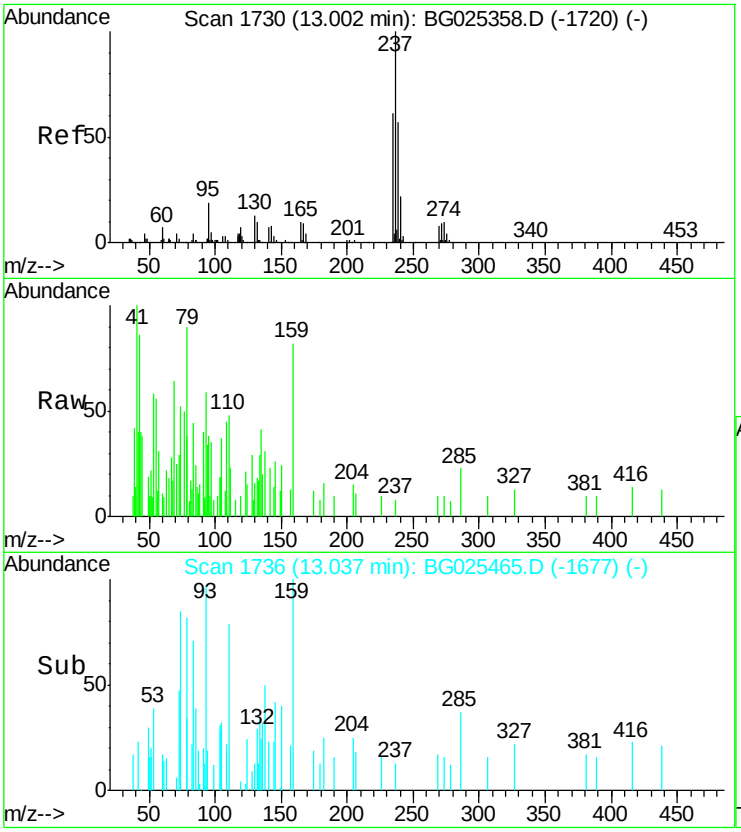


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.83 min Scan# 2041
Delta R.T. 0.00 min
Lab File: BG025465.D
Acq: 10 Jan 2017 23:38

Tgt Ion:164 Resp: 195316

Ion	Ratio	Lower	Upper
164	100		
162	94.6	85.1	127.7
160	45.0	34.7	52.1



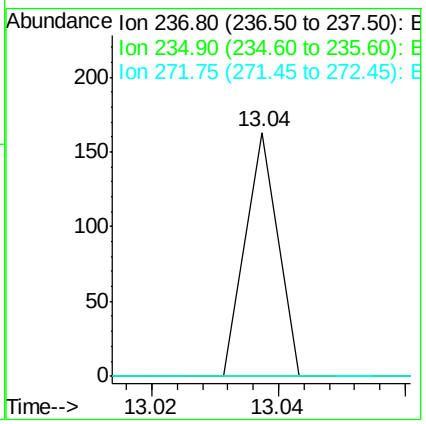


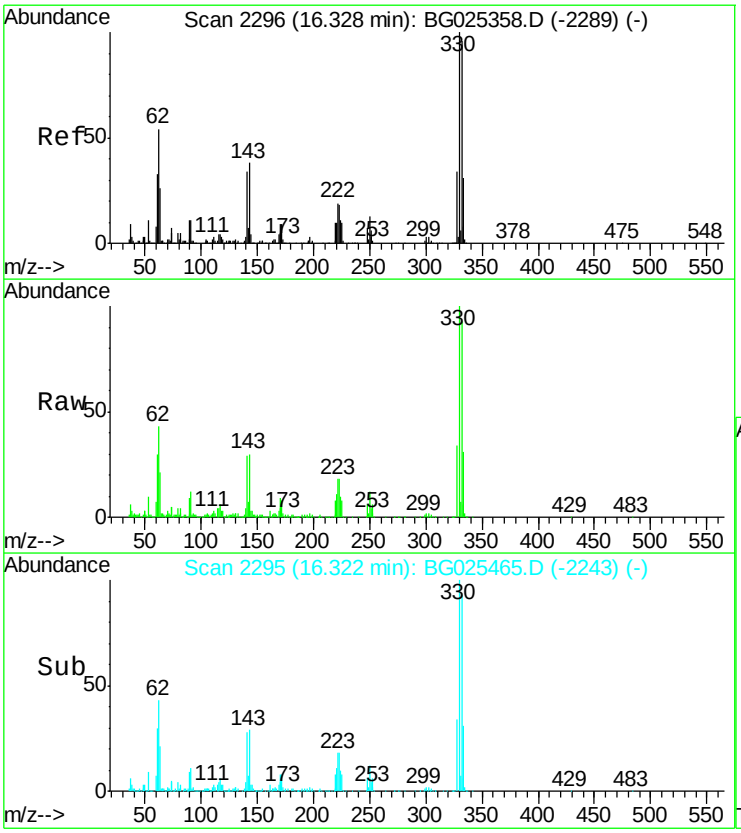
#40
Hexachlorocyclopentadiene
Concen: 8.53 ng
RT: 13.04 min Scan# 1736
Delta R.T. 0.05 min
Lab File: BG025465.D
Acq: 10 Jan 2017 23:38

Instrument :
BNA_G
ClientSampleId :
W-13

Tgt Ion:237 Resp: 57

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

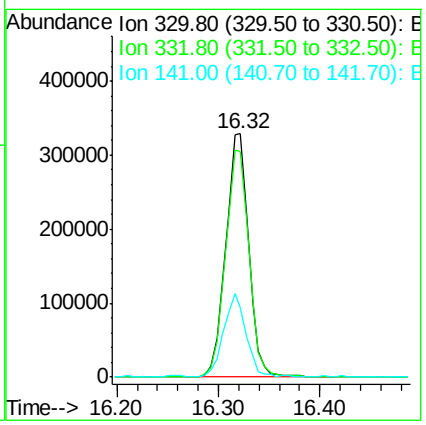


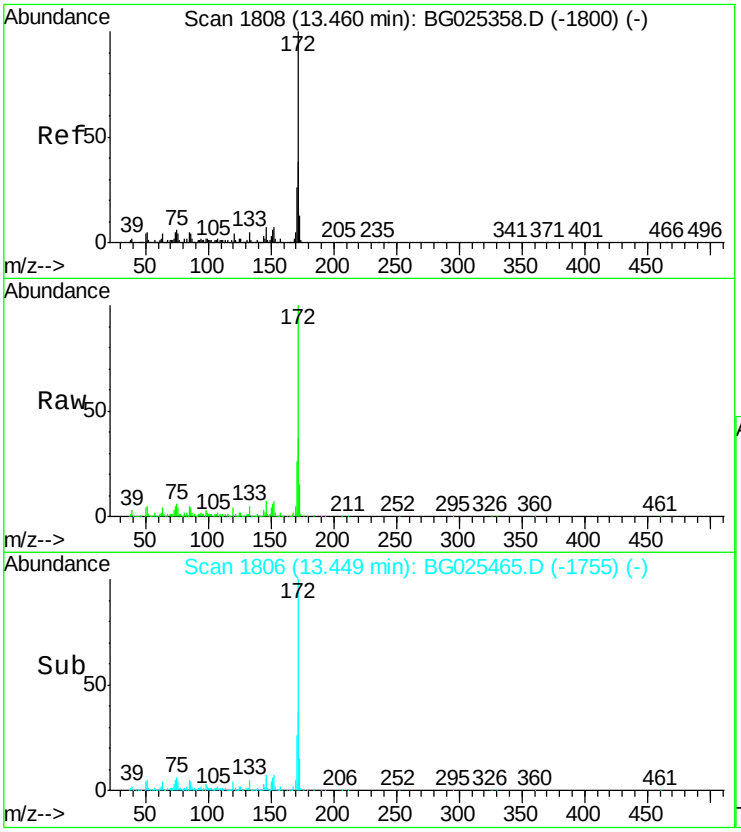


#41
2,4,6-Tribromophenol
Concen: 164.61 ng
RT: 16.32 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BG025465.D
Acq: 10 Jan 2017 23:38

Tgt Ion:330 Resp: 517599

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.3	115.9
141	33.3	32.1	48.1



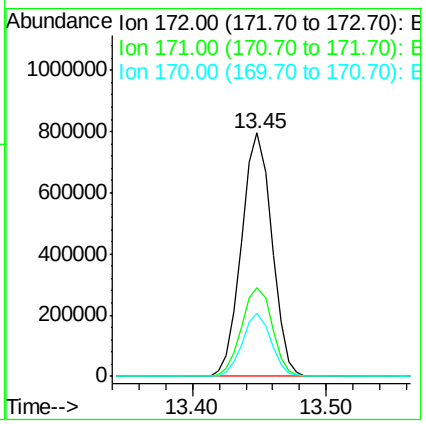


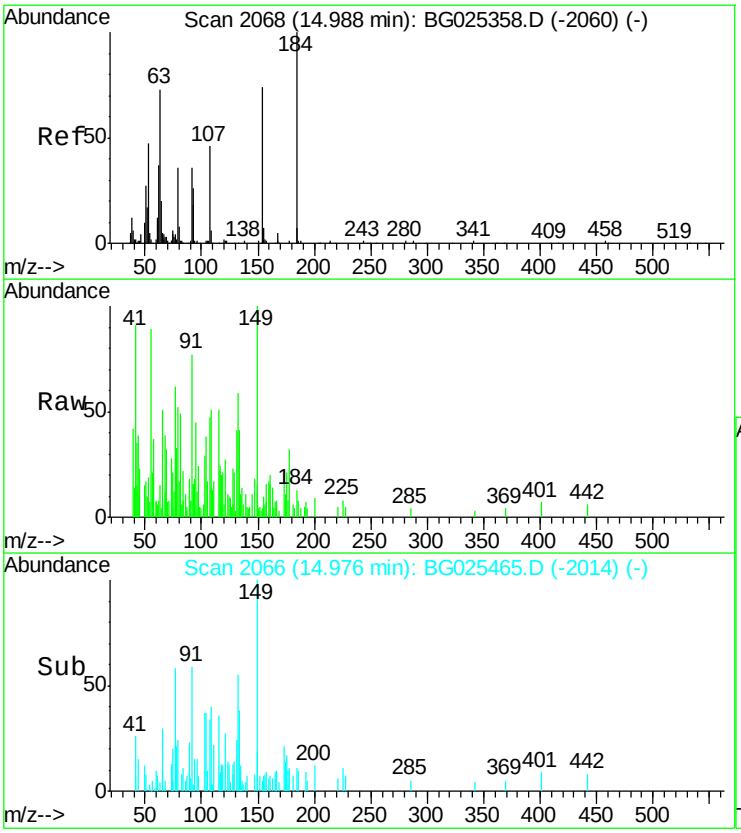
#44
2-Fluorobiphenyl
Concen: 103.40 ng
RT: 13.45 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BG025465.D
Acq: 10 Jan 2017 23:38

Instrument :
BNA_G
ClientSampleId :
W-13

Tgt Ion:172 Resp: 1247439

Ion	Ratio	Lower	Upper
172	100		
171	36.7	32.2	48.2
170	26.1	21.8	32.6

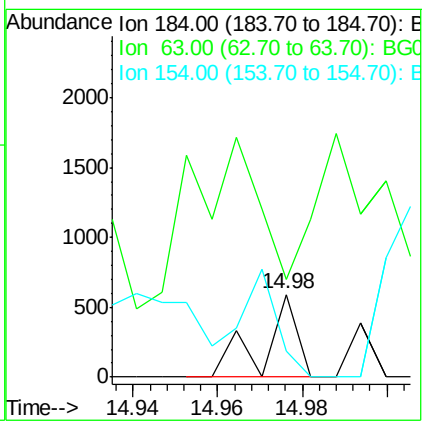


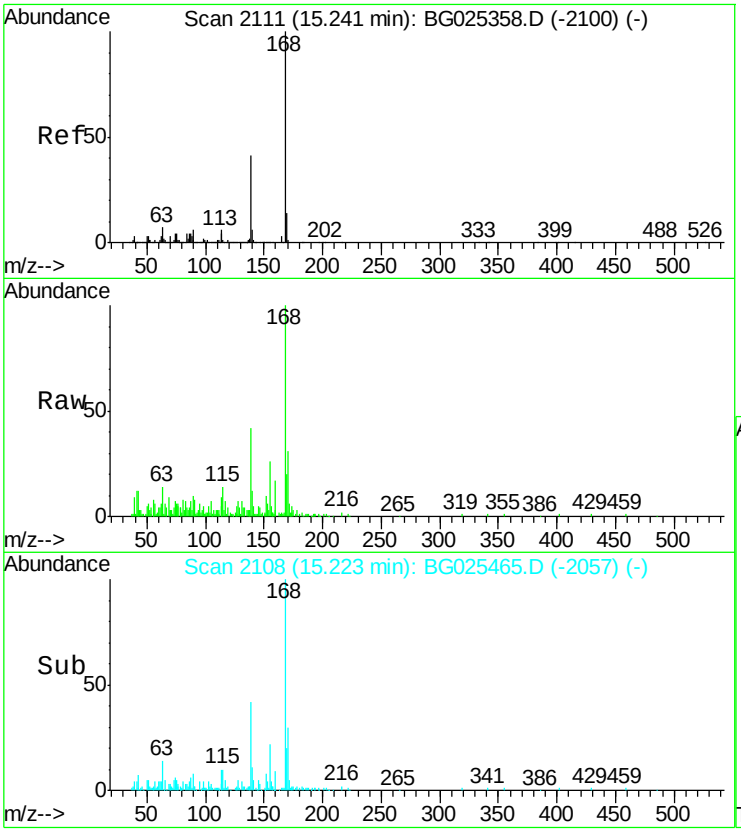


#53
2,4-Dinitrophenol
Concen: 5.23 ng
RT: 14.98 min Scan# 2066
Delta R.T. 0.00 min
Lab File: BG025465.D
Acq: 10 Jan 2017 23:38

Tgt Ion:184 Resp: 326

Ion	Ratio	Lower	Upper
184	100		
63	118.3	52.7	79.1#
154	71.1	57.3	85.9



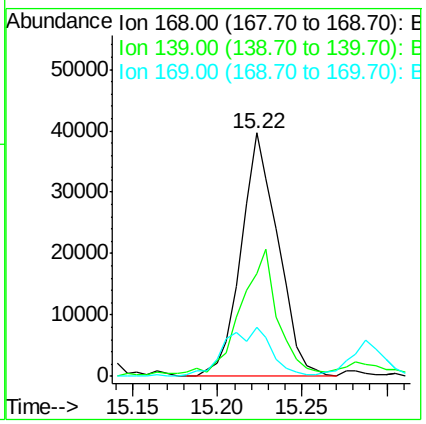


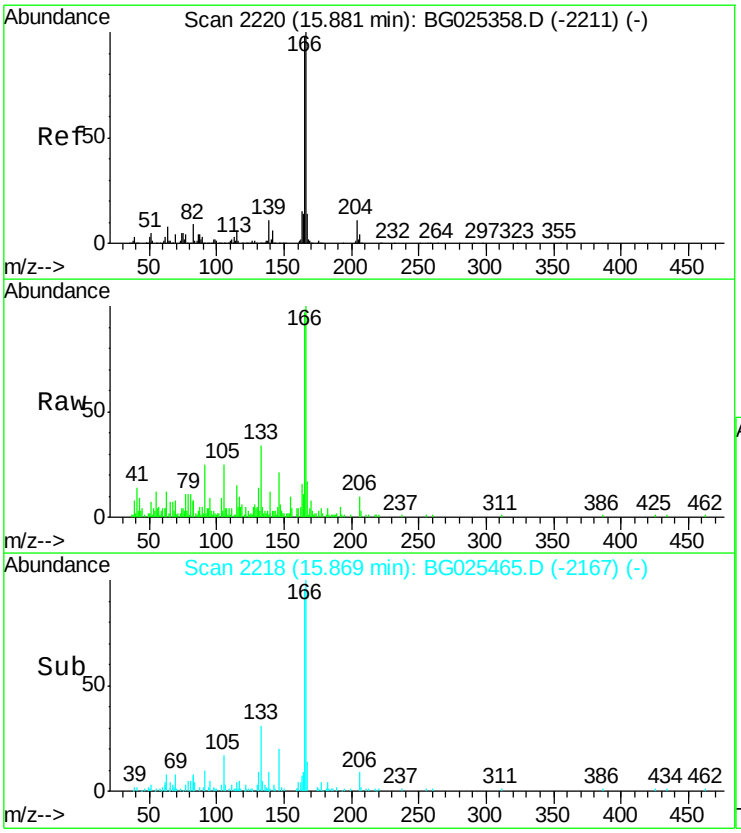
#54
Dibenzofuran
Concen: 3.66 ng
RT: 15.22 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BG025465.D
Acq: 10 Jan 2017 23:38

Instrument :
BNA_G
ClientSampleId :
W-13

Tgt Ion:168 Resp: 60135

Ion	Ratio	Lower	Upper
168	100		
139	42.3	35.3	52.9
169	20.0	11.5	17.3#

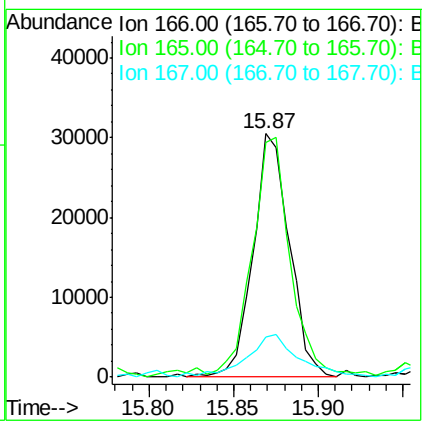


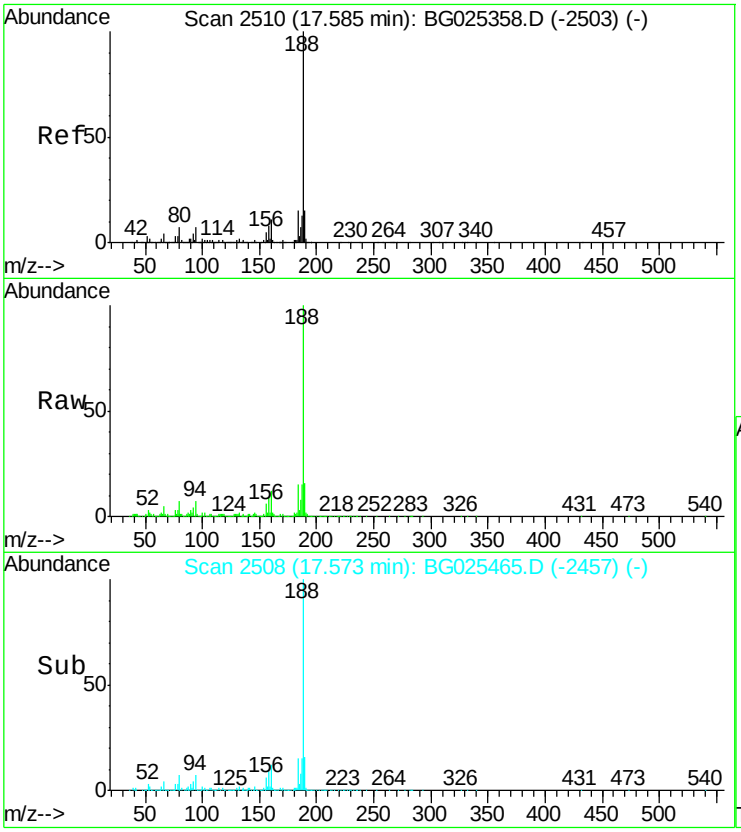


#57
Fluorene
Concen: 3.31 ng
RT: 15.87 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BG025465.D
Acq: 10 Jan 2017 23:38

Tgt Ion:166 Resp: 45549

Ion	Ratio	Lower	Upper
166	100		
165	96.6	78.6	117.8
167	16.6	11.6	17.4



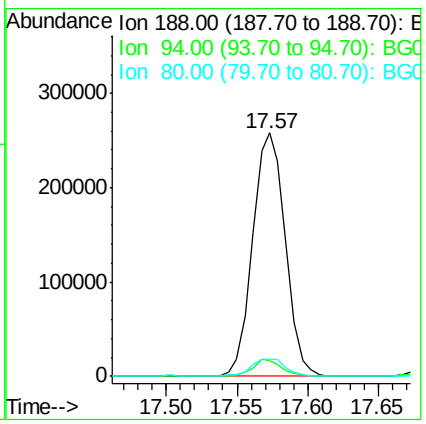


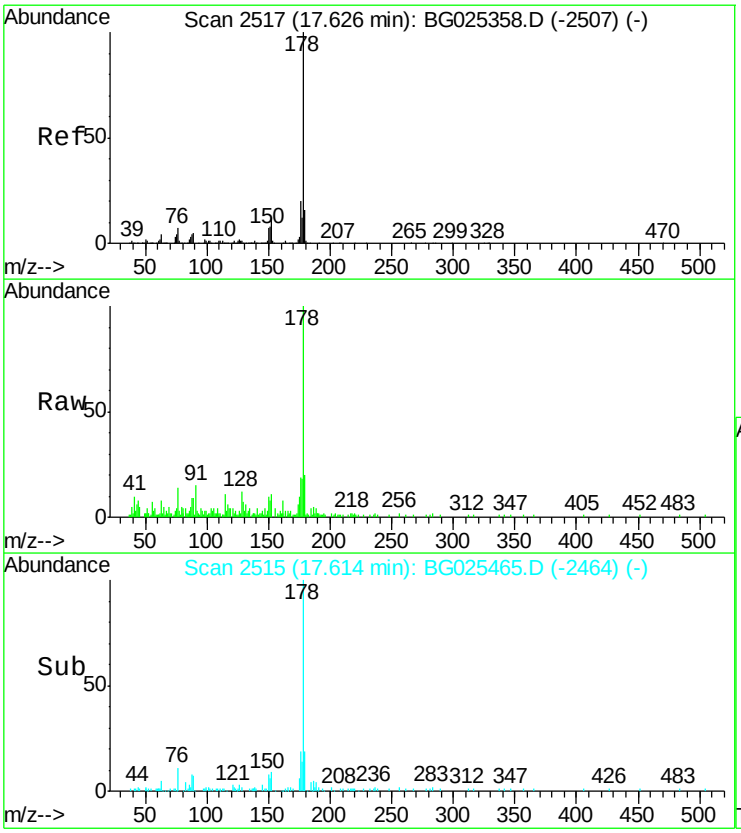
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. -0.00 min
Lab File: BG025465.D
Acq: 10 Jan 2017 23:38

Instrument :
BNA_G
ClientSampleId :
W-13

Tgt Ion:188 Resp: 419004

Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.8	8.8
80	7.2	7.5	11.3#

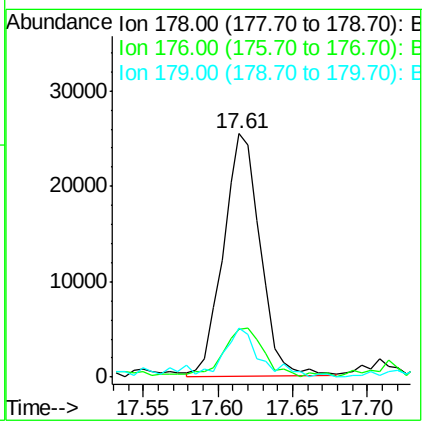


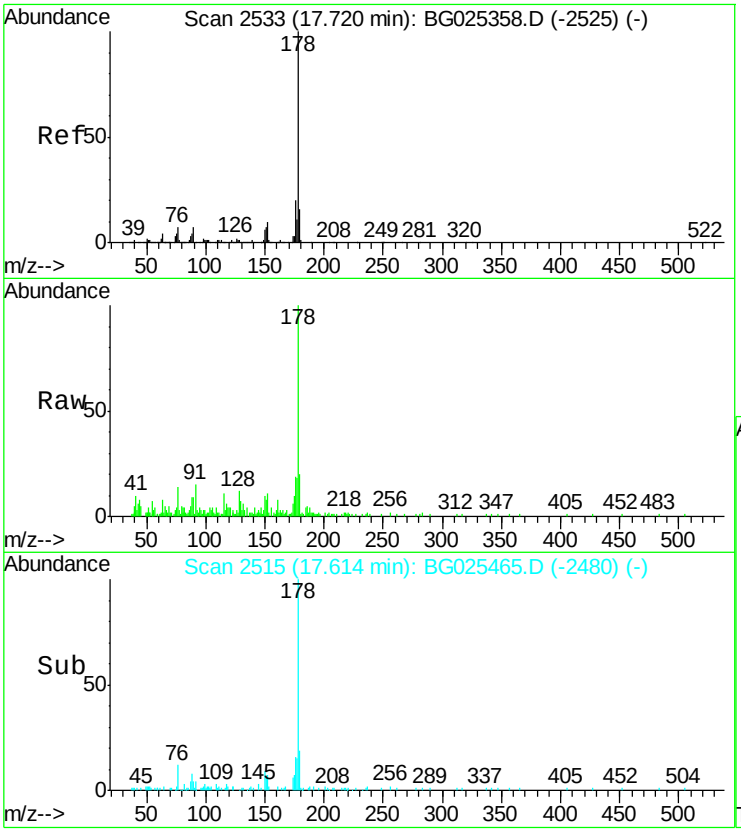


#70
Phenanthrene
Concen: 2.03 ng
RT: 17.61 min Scan# 2515
Delta R.T. -0.00 min
Lab File: BG025465.D
Acq: 10 Jan 2017 23:38

Tgt Ion:178 Resp: 43892

Ion	Ratio	Lower	Upper
178	100		
176	19.4	17.7	26.5
179	20.1	15.0	22.6



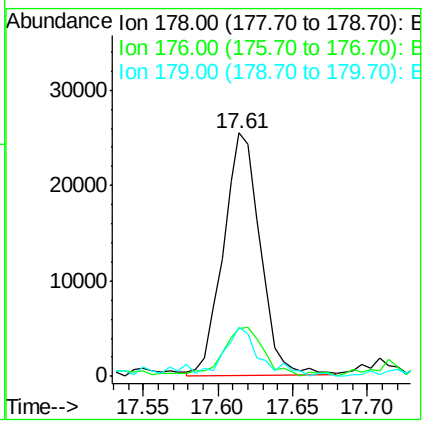


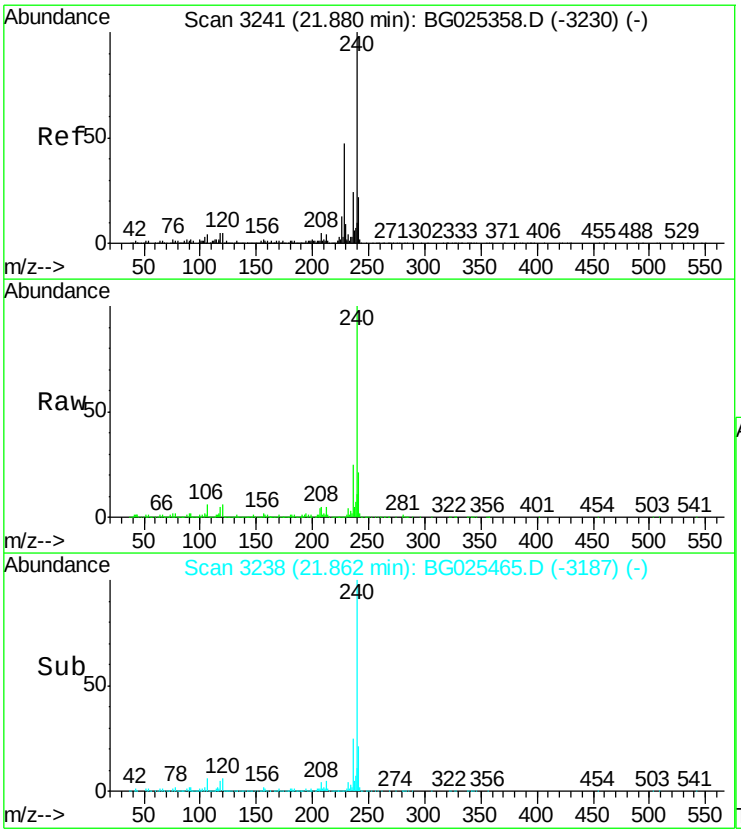
#71
Anthracene
Concen: 2.00 ng
RT: 17.61 min Scan# 2515
Delta R.T. -0.09 min
Lab File: BG025465.D
Acq: 10 Jan 2017 23:38

Instrument :
BNA_G
ClientSampleId :
W-13

Tgt Ion:178 Resp: 43892

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.4	24.6
179	20.1	13.8	20.8

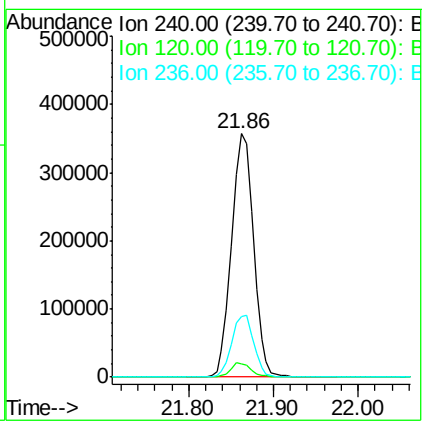


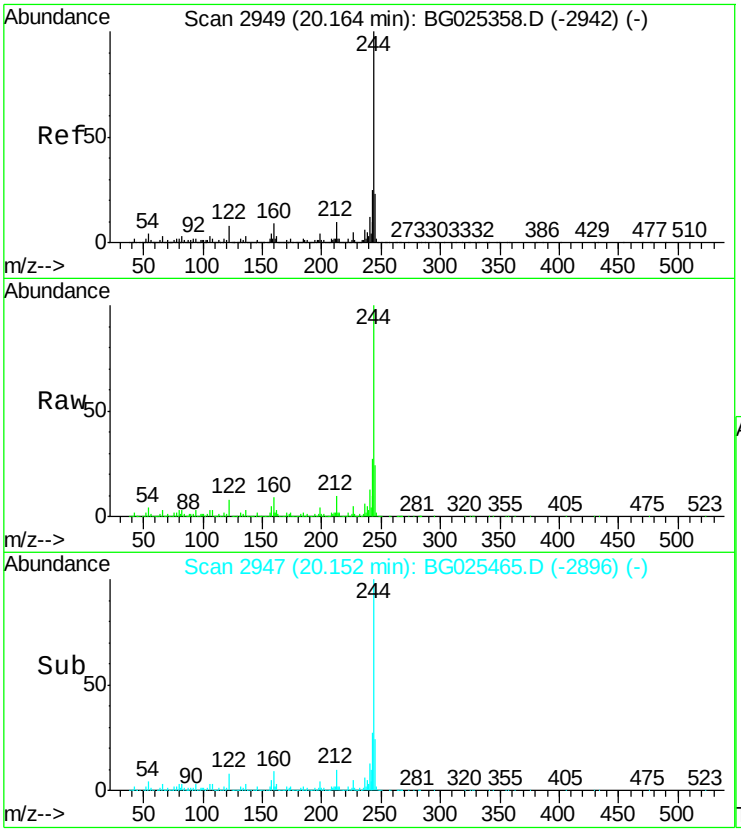


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. -0.00 min
Lab File: BG025465.D
Acq: 10 Jan 2017 23:38

Tgt Ion:240 Resp: 637303

Ion	Ratio	Lower	Upper
240	100		
120	5.6	5.7	8.5#
236	25.0	22.2	33.4



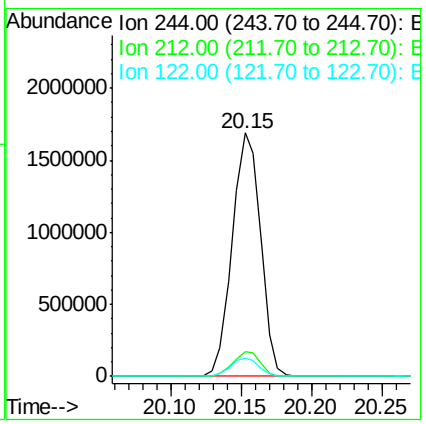


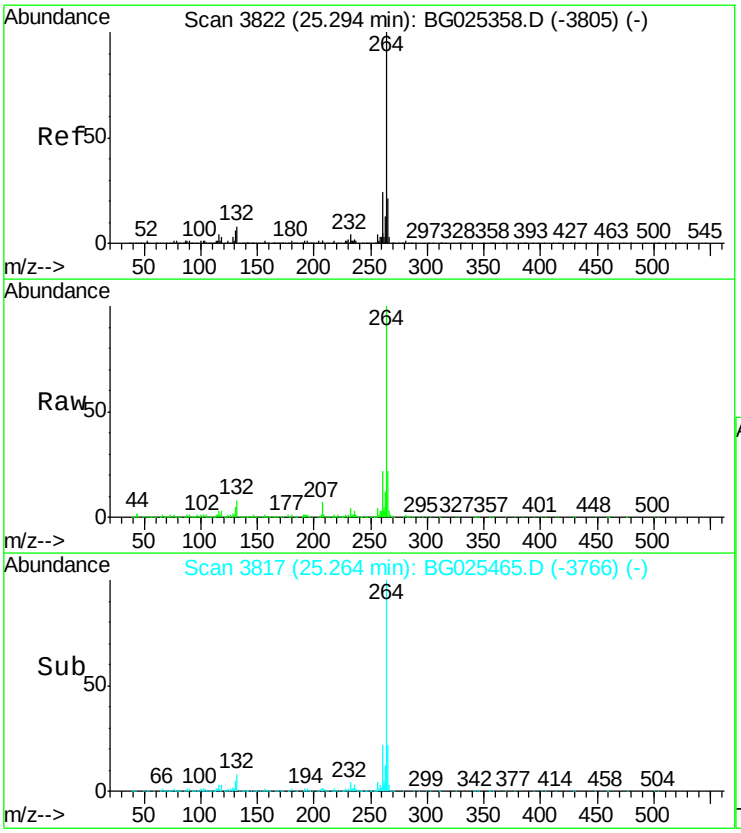
#78
Terphenyl-d14
Concen: 98.11 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG025465.D
Acq: 10 Jan 2017 23:38

Instrument :
BNA_G
ClientSampleId :
W-13

Tgt Ion:244 Resp: 2358310

Ion	Ratio	Lower	Upper
244	100		
212	10.4	10.0	15.0
122	7.8	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.26 min Scan# 3817
Delta R.T. -0.00 min
Lab File: BG025465.D
Acq: 10 Jan 2017 23:38

Tgt Ion:264 Resp: 679610

Ion	Ratio	Lower	Upper
264	100		
260	22.4	21.8	32.8
265	21.7	18.2	27.4