Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042415\
Data File : BG016717.D
Acq On : 25 Apr 2015 14:47
Operator : TP/IZ
Sample : G1988-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-20

Quant Time: Apr 27 01:18:34 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 27 00:50:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	56192	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	240374	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	164521	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	305633	20.00	ng	0.00
75) Chrysene-d12	21.18	240	290992	20.00	ng	0.00
86) Perylene-d12	23.38	264	272498	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	162991	47.07	ng	0.00
7) Phenol-d6	6.79	99	132720	27.32	ng	0.00
23) Nitrobenzene-d5	8.75	82	303236	79.71	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	134909	110.54	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	728592	71.15	ng	0.00
78) Terphenyl-d14	19.63	244	880090	69.67	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.57	77	4761	2.40	ng	# 52
18) Hexachloroethane	8.69	117	80755	50.62	ng	# 1
22) Acetophenone	8.28	105	23460	4.45	ng	# 65
24) Nitrobenzene	8.78	77	13200	3.30	ng	# 3
32) Benzoic acid	9.60	122	260	8.96	ng	# 1
37) 2-Methylnaphthalene	12.05	142	543042	59.32	ng	99
54) Dibenzofuran	14.65	168	59603	4.05	ng	# 97
57) Fluorene	15.29	166	42553	3.31	ng	96

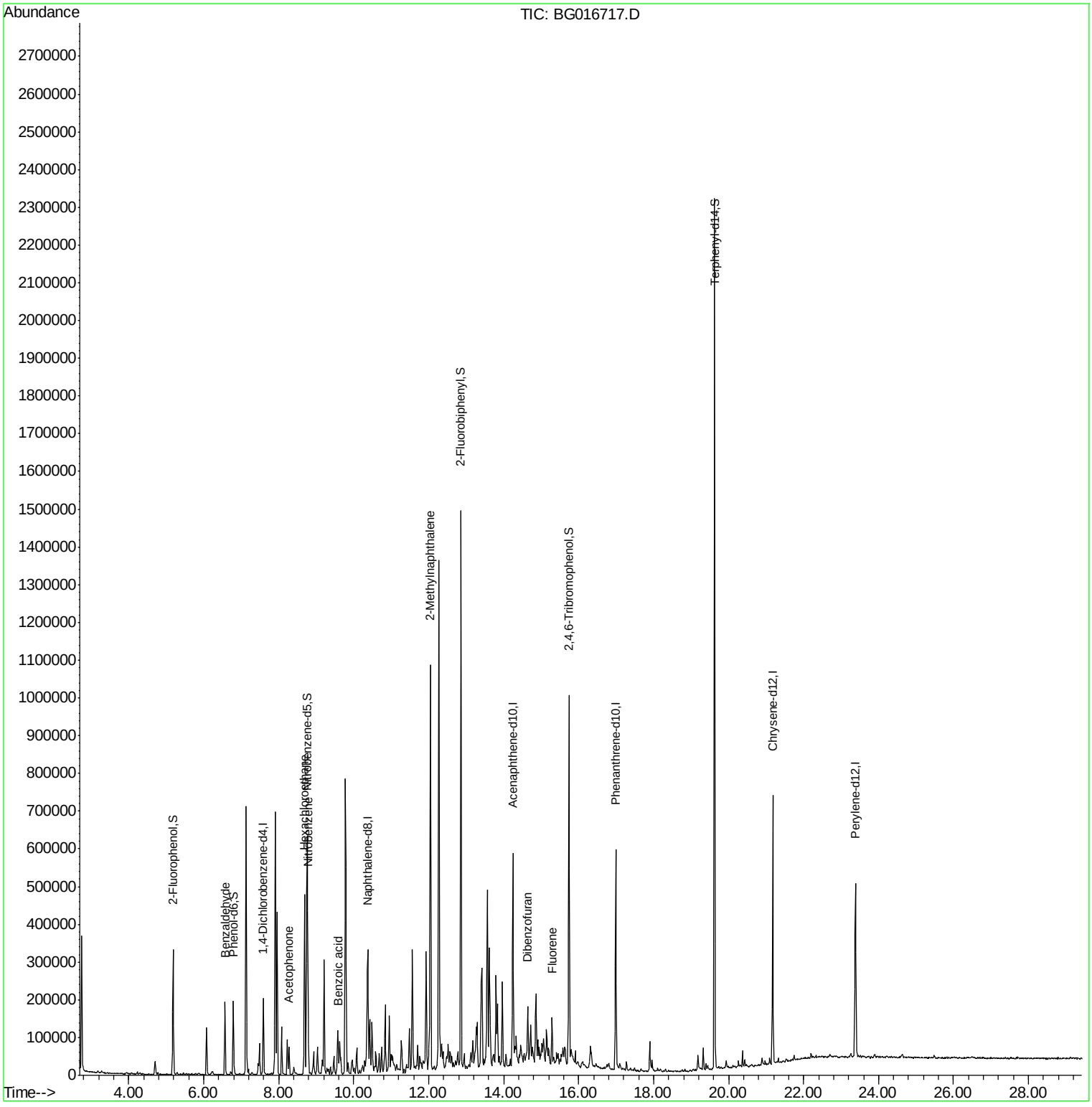
(#) = qualifier out of range (m) = manual integration (+) = signals summed

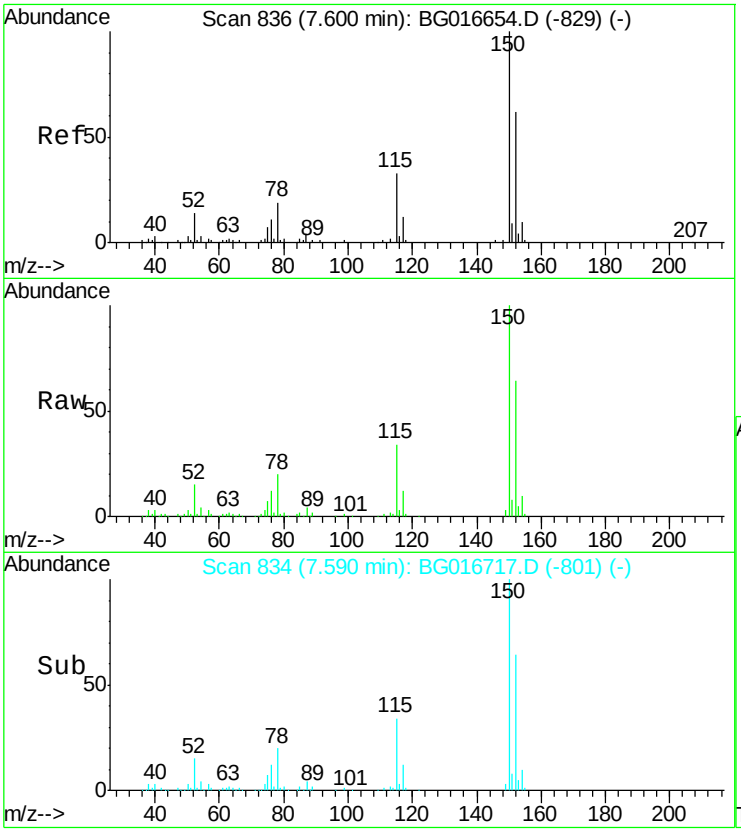
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042415\
Data File : BG016717.D
Acq On : 25 Apr 2015 14:47
Operator : TP/IZ
Sample : G1988-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-20

Quant Time: Apr 27 01:18:34 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 27 00:50:46 2015
Response via : Initial Calibration



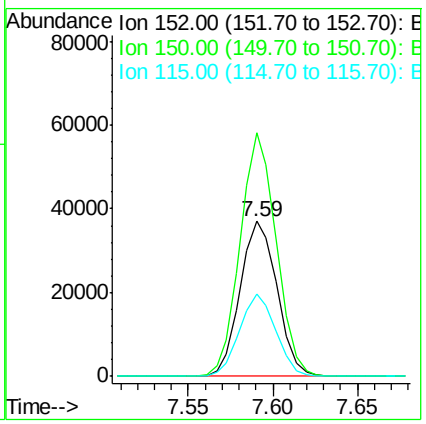


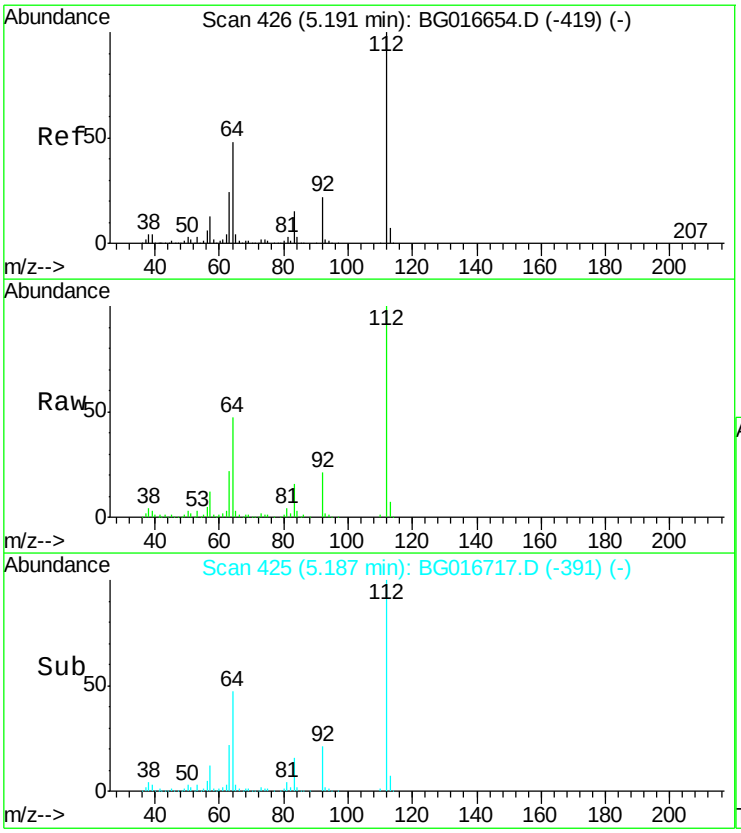
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.59 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG016717.D
Acq: 25 Apr 2015 14:47

Instrument :
BNA_G
ClientSampleId :
MW-20

Tgt Ion:152 Resp: 56192

Ion	Ratio	Lower	Upper
152	100		
150	157.3	129.6	194.4
115	53.3	43.0	64.6

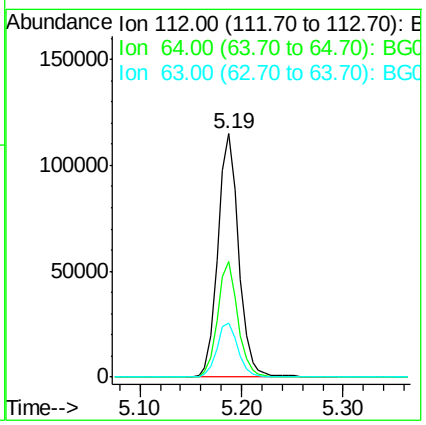


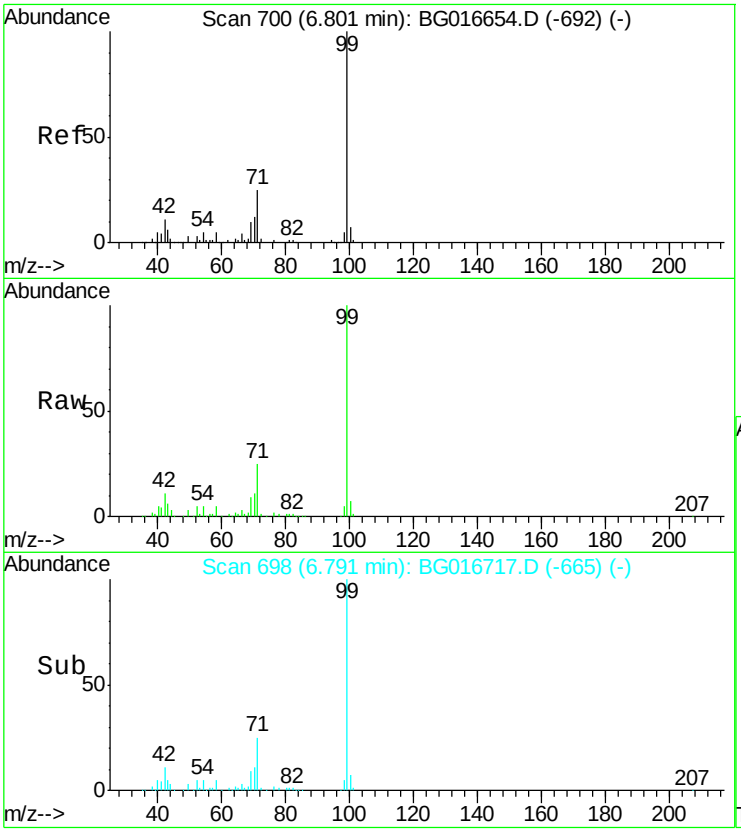


#5
2-Fluorophenol
Concen: 47.07 ng
RT: 5.19 min Scan# 425
Delta R.T. 0.00 min
Lab File: BG016717.D
Acq: 25 Apr 2015 14:47

Tgt Ion:112 Resp: 162991

Ion	Ratio	Lower	Upper
112	100		
64	47.5	38.3	57.5
63	22.3	18.9	28.3



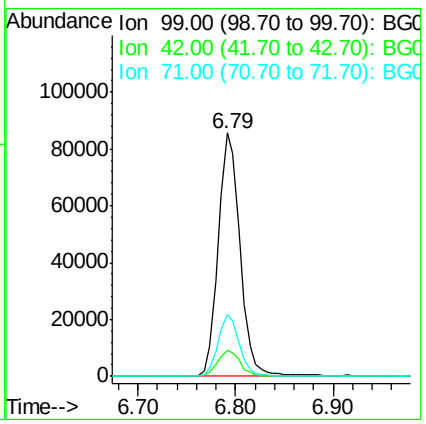


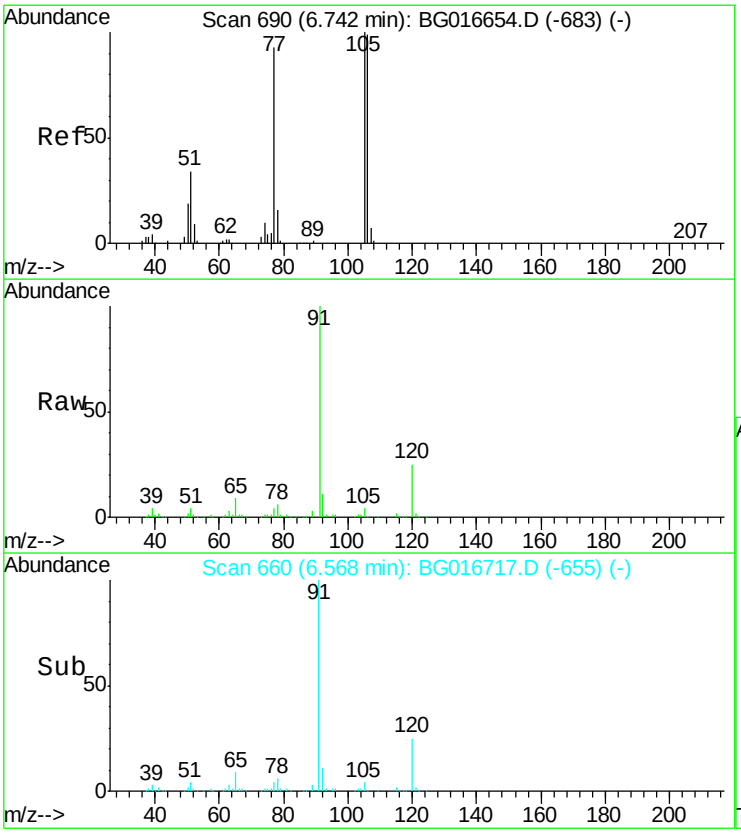
#7
Phenol-d6
Concen: 27.32 ng
RT: 6.79 min Scan# 698
Delta R.T. -0.00 min
Lab File: BG016717.D
Acq: 25 Apr 2015 14:47

Instrument :
BNA_G
ClientSampleId :
MW-20

Tgt Ion: 99 Resp: 132720

Ion	Ratio	Lower	Upper
99	100		
42	10.9	8.8	13.2
71	25.2	19.9	29.9

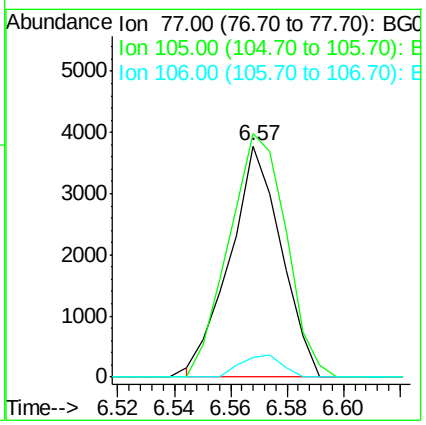


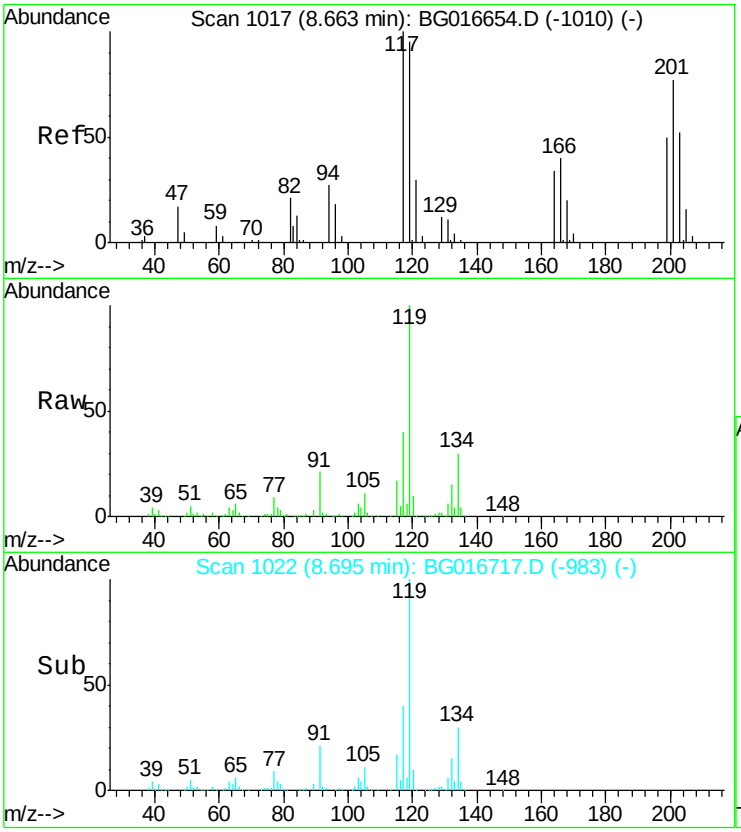


#9
Benzaldehyde
Concen: 2.40 ng
RT: 6.57 min Scan# 660
Delta R.T. -0.17 min
Lab File: BG016717.D
Acq: 25 Apr 2015 14:47

Tgt Ion: 77 Resp: 4761

Ion	Ratio	Lower	Upper
77	100		
105	105.5	88.0	128.0
106	8.2	86.6	126.6#



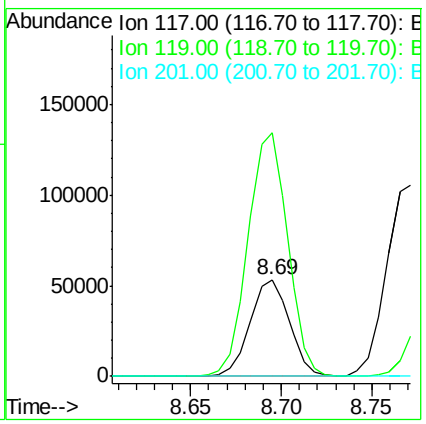


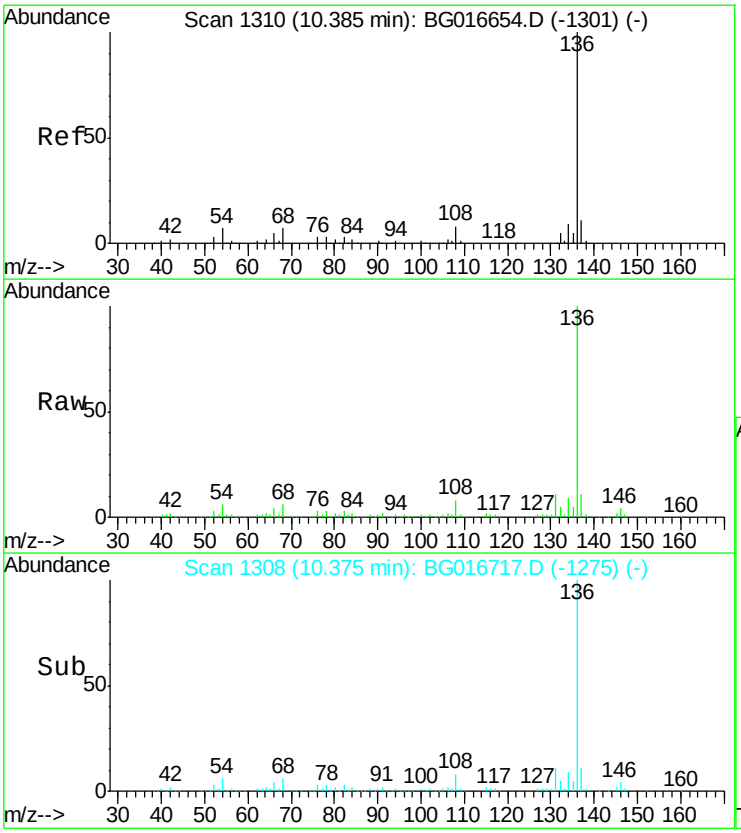
#18
Hexachloroethane
Concen: 50.62 ng
RT: 8.69 min Scan# 1022
Delta R.T. 0.03 min
Lab File: BG016717.D
Acq: 25 Apr 2015 14:47

Instrument :
BNA_G
ClientSampleId :
MW-20

Tgt Ion:117 Resp: 80755

Ion	Ratio	Lower	Upper
117	100		
119	251.5	76.3	114.5#
201	0.0	61.5	92.3#

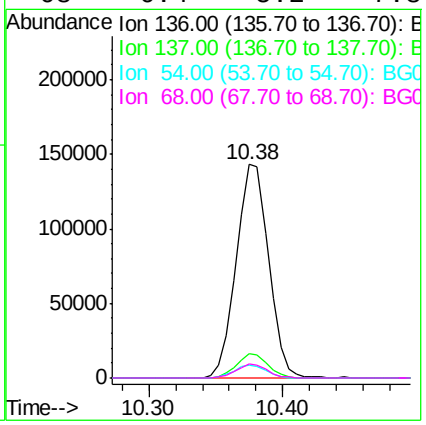


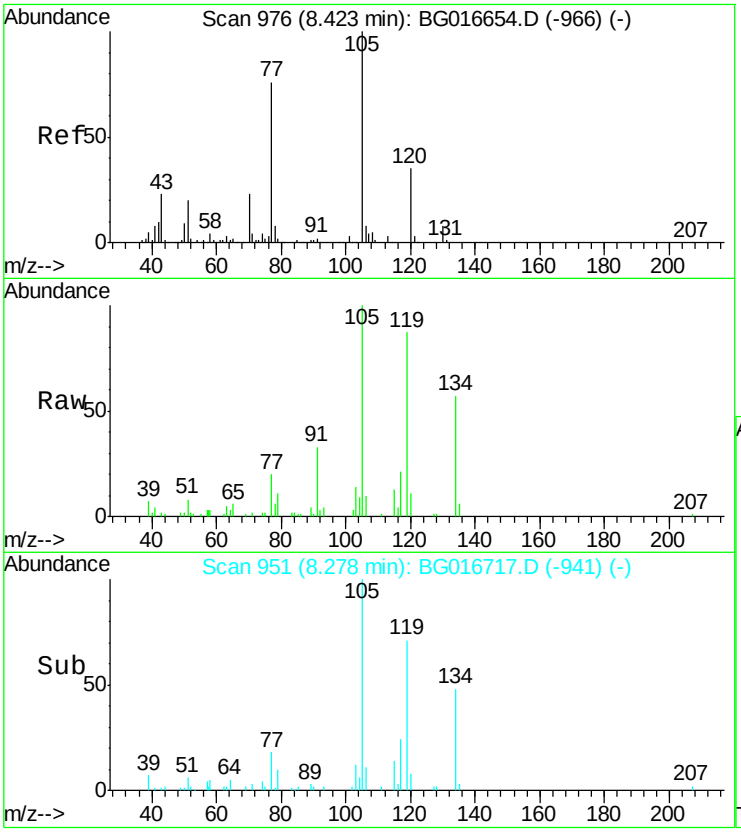


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.38 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG016717.D
Acq: 25 Apr 2015 14:47

Tgt Ion:136 Resp: 240374

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	6.3	5.4	8.2
68	6.4	5.2	7.8



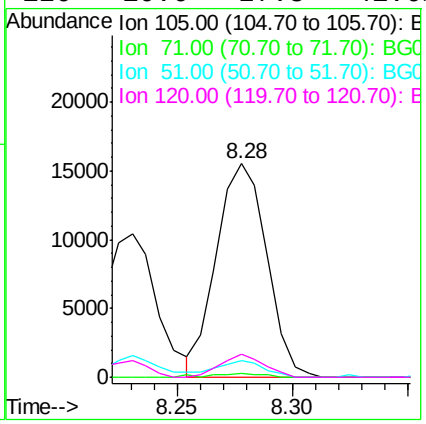


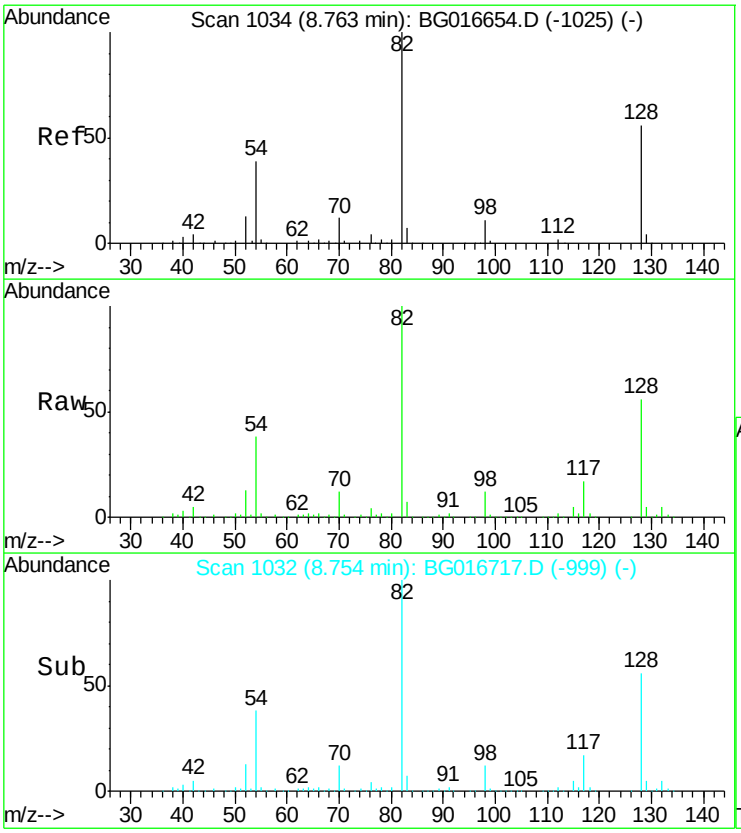
#22
Acetophenone
Concen: 4.45 ng
RT: 8.28 min Scan# 951
Delta R.T. -0.14 min
Lab File: BG016717.D
Acq: 25 Apr 2015 14:47

Instrument :
BNA_G
ClientSampleId :
MW-20

Tgt Ion:105 Resp: 23460

Ion	Ratio	Lower	Upper
105	100		
71	1.6	3.0	4.4#
51	7.6	16.5	24.7#
120	10.6	27.8	41.6#

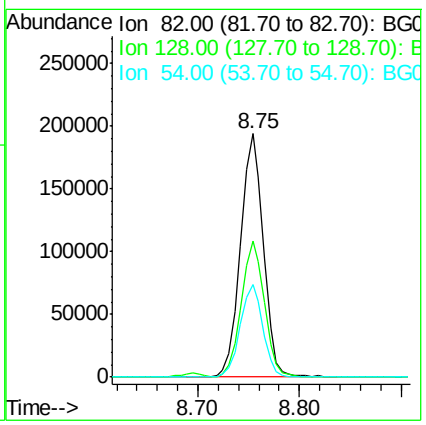


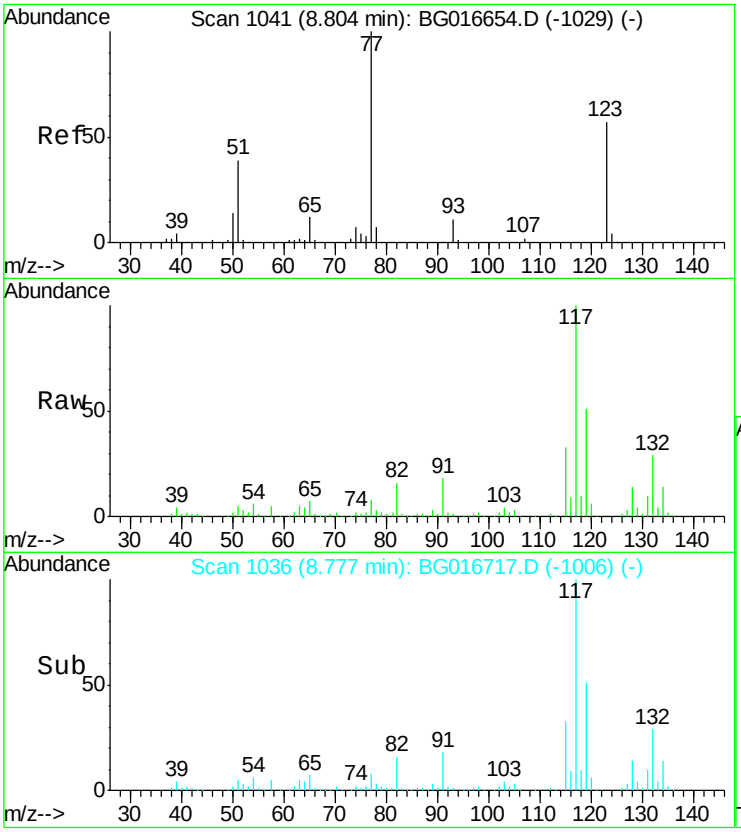


#23
Nitrobenzene-d5
Concen: 79.71 ng
RT: 8.75 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG016717.D
Acq: 25 Apr 2015 14:47

Tgt Ion: 82 Resp: 303236

Ion	Ratio	Lower	Upper
82	100		
128	56.2	44.7	67.1
54	38.2	30.9	46.3



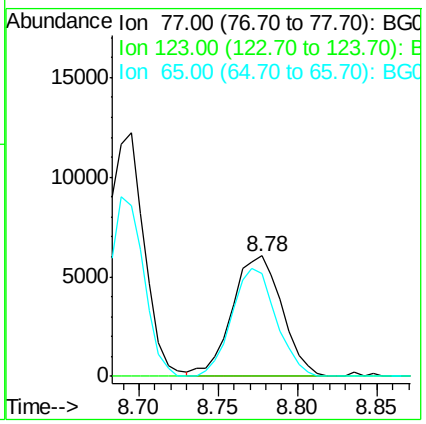


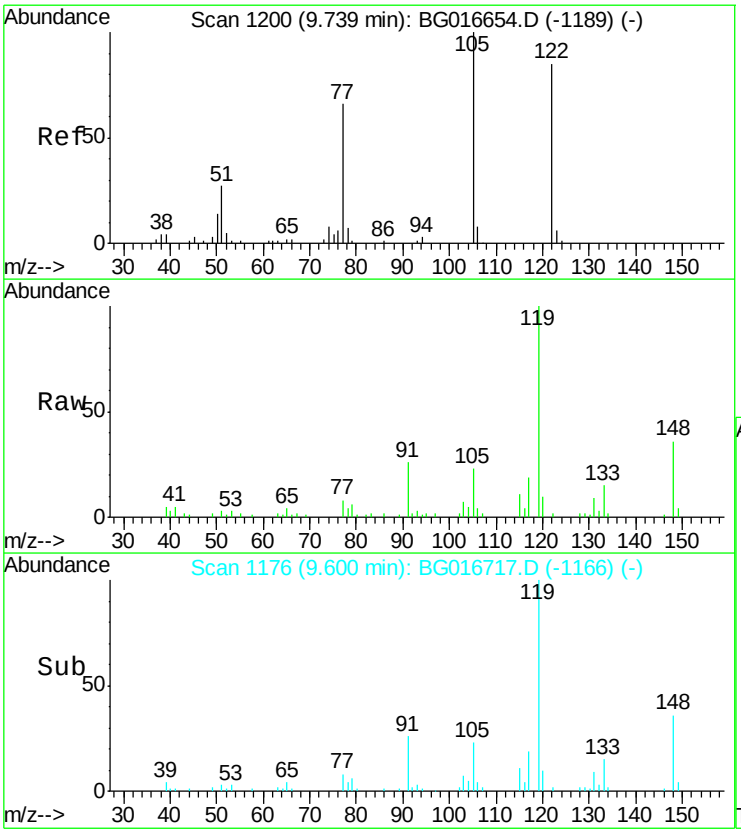
#24
Nitrobenzene
Concen: 3.30 ng
RT: 8.78 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BG016717.D
Acq: 25 Apr 2015 14:47

Instrument :
BNA_G
ClientSampleId :
MW-20

Tgt Ion: 77 Resp: 13200

Ion	Ratio	Lower	Upper
77	100		
123	0.0	45.6	68.4#
65	85.1	9.4	14.2#

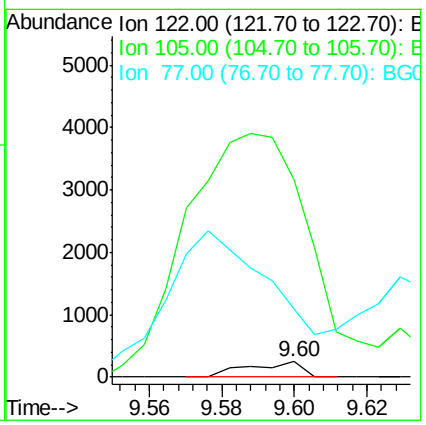


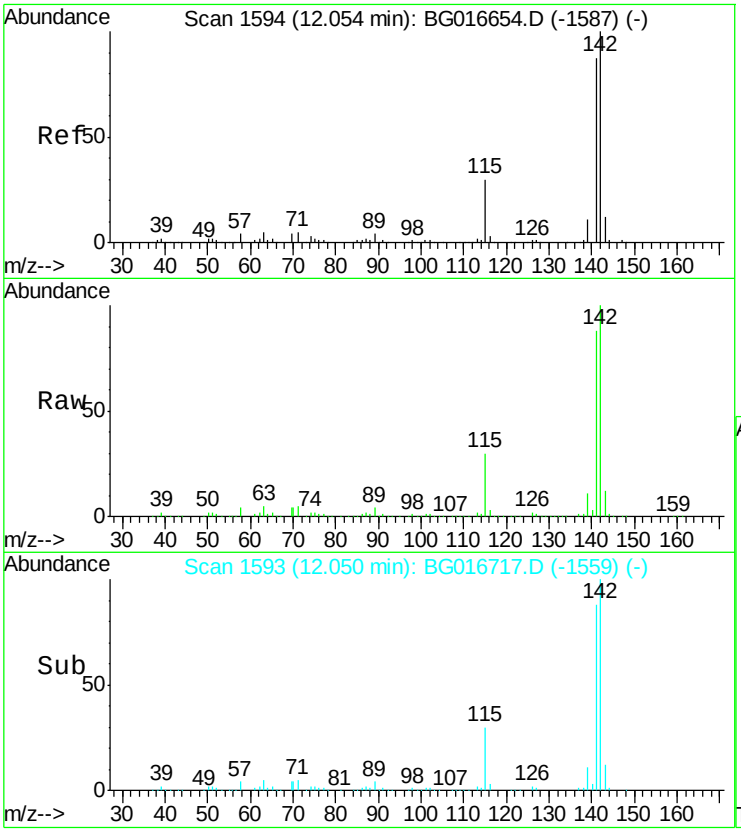


#32
Benzoic acid
Concen: 8.96 ng
RT: 9.60 min Scan# 1176
Delta R.T. -0.14 min
Lab File: BG016717.D
Acq: 25 Apr 2015 14:47

Tgt Ion:122 Resp: 260

Ion	Ratio	Lower	Upper
122	100		
105	1295.1	97.2	137.2#
77	449.2	58.4	98.4#



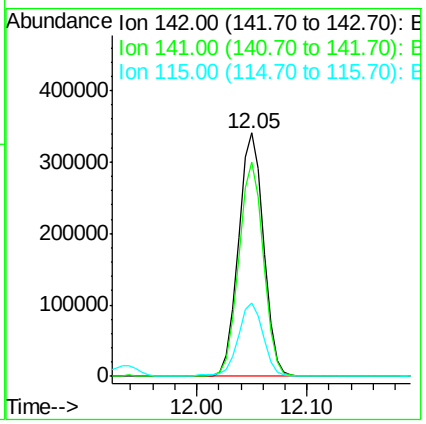


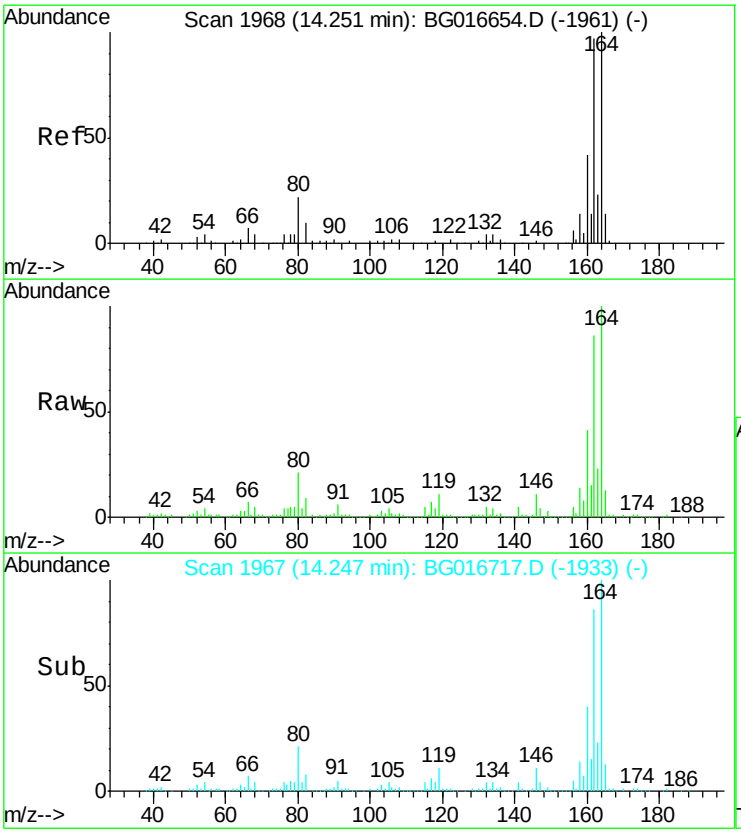
#37
2-Methylnaphthalene
Concen: 59.32 ng
RT: 12.05 min Scan# 1593
Delta R.T. 0.00 min
Lab File: BG016717.D
Acq: 25 Apr 2015 14:47

Instrument :
BNA_G
ClientSampleId :
MW-20

Tgt Ion:142 Resp: 543042

Ion	Ratio	Lower	Upper
142	100		
141	87.9	69.9	104.9
115	30.3	24.0	36.0

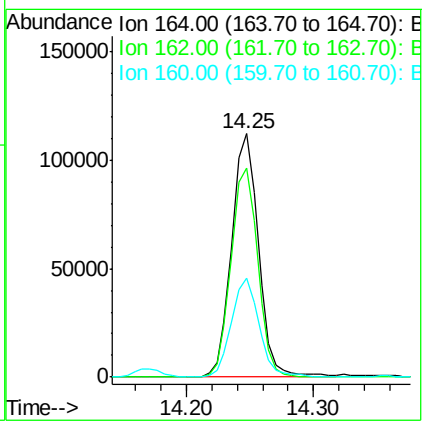


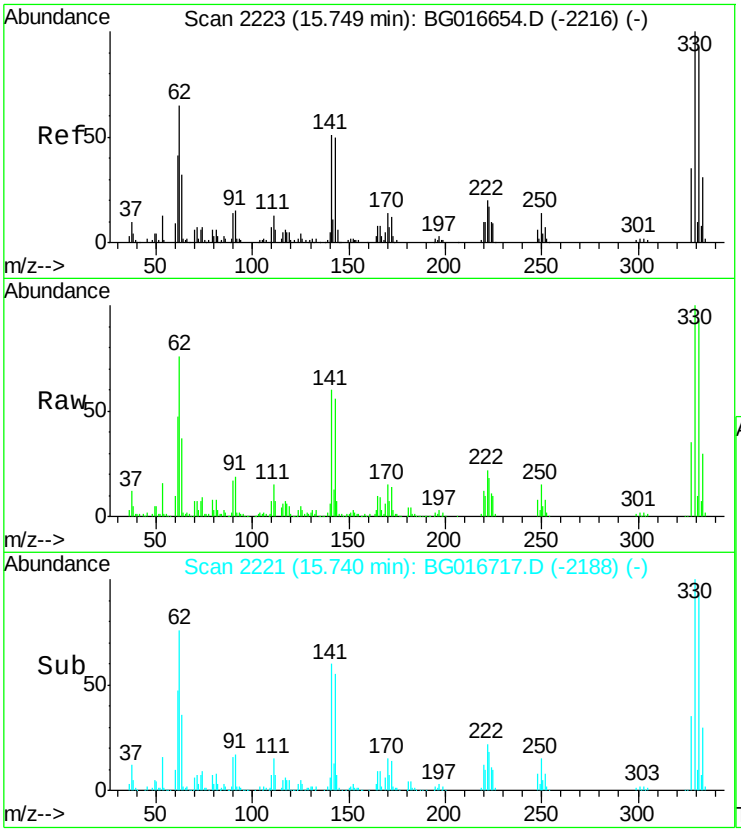


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.25 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BG016717.D
Acq: 25 Apr 2015 14:47

Tgt Ion:164 Resp: 164521

Ion	Ratio	Lower	Upper
164	100		
162	85.8	77.3	115.9
160	40.7	33.7	50.5



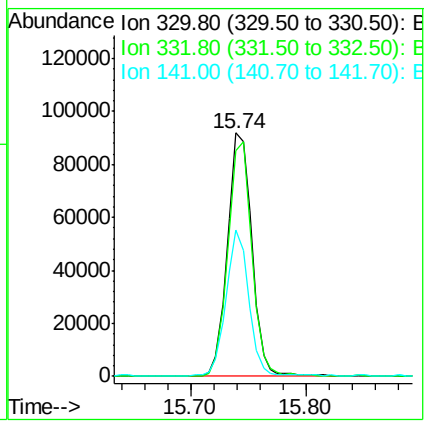


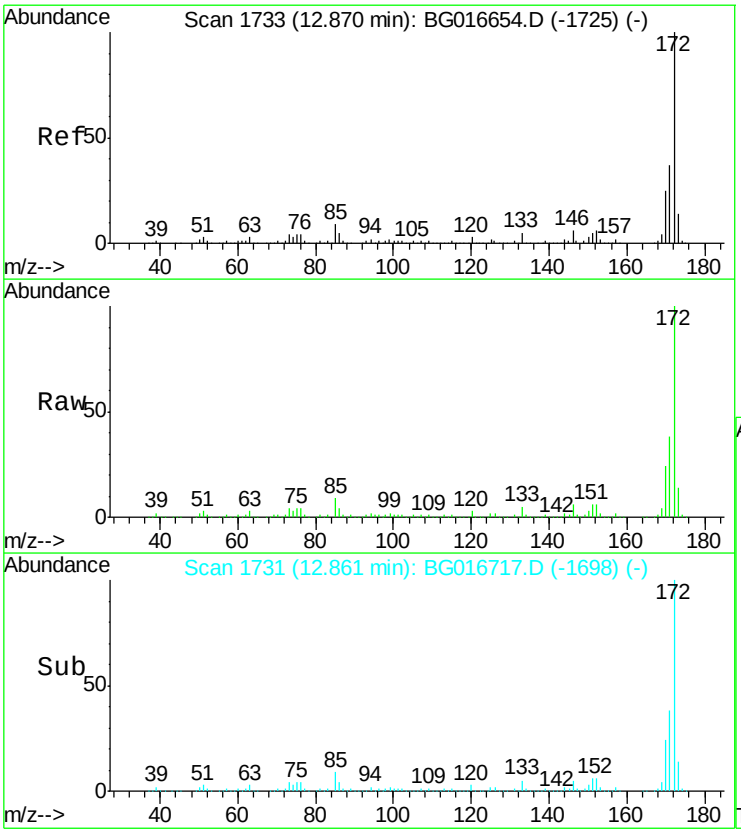
#41
2,4,6-Tribromophenol
Concen: 110.54 ng
RT: 15.74 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BG016717.D
Acq: 25 Apr 2015 14:47

Instrument :
BNA_G
ClientSampleId :
MW-20

Tgt Ion:330 Resp: 134909

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.2	114.4
141	57.1	43.0	64.6

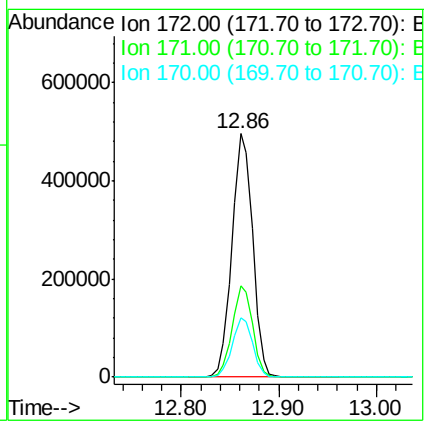


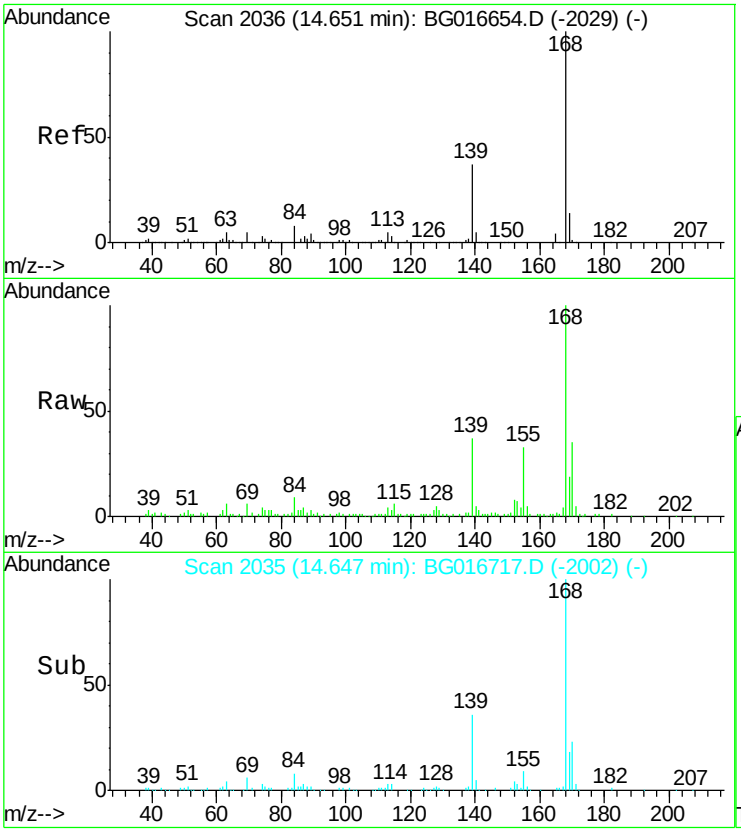


#44
2-Fluorobiphenyl
Concen: 71.15 ng
RT: 12.86 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BG016717.D
Acq: 25 Apr 2015 14:47

Tgt Ion:172 Resp: 728592

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.9	44.9
170	24.3	19.8	29.8



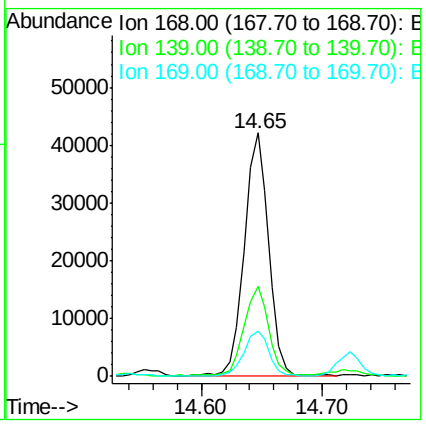


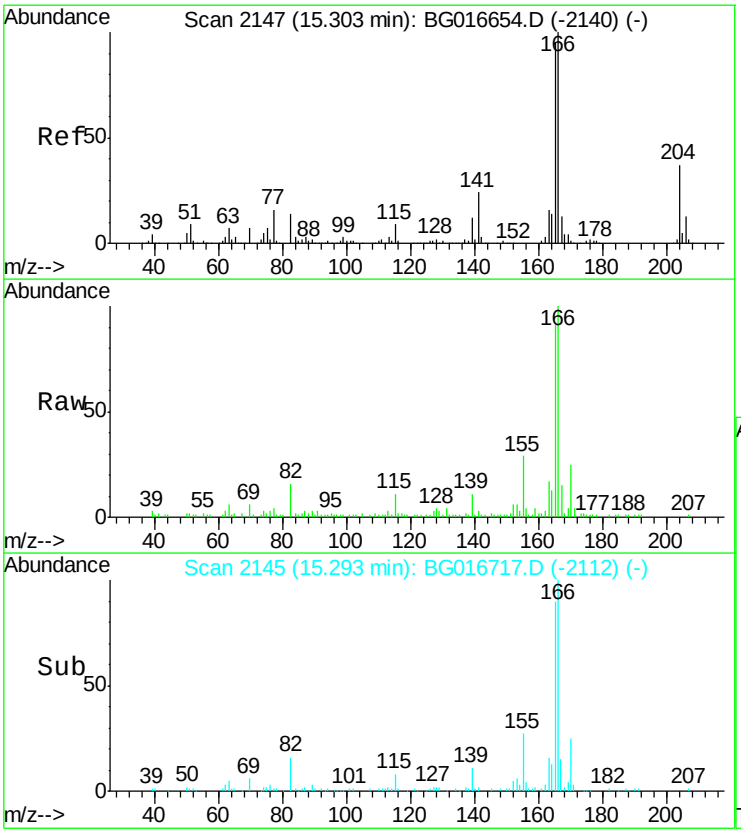
#54
Dibenzofuran
Concen: 4.05 ng
RT: 14.65 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG016717.D
Acq: 25 Apr 2015 14:47

Instrument :
BNA_G
ClientSampleId :
MW-20

Tgt Ion:168 Resp: 59603

Ion	Ratio	Lower	Upper
168	100		
139	37.2	29.8	44.8
169	18.7	11.0	16.4#

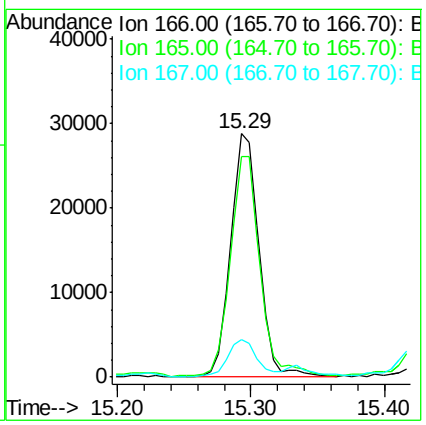


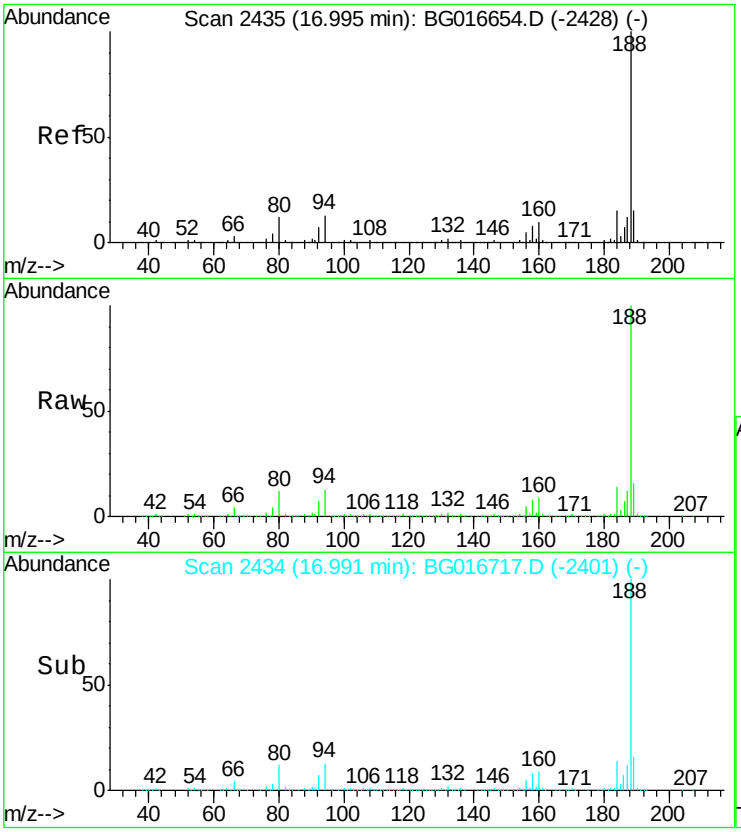


#57
Fluorene
Concen: 3.31 ng
RT: 15.29 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG016717.D
Acq: 25 Apr 2015 14:47

Tgt Ion:166 Resp: 42553

Ion	Ratio	Lower	Upper
166	100		
165	90.6	75.6	113.4
167	15.5	10.7	16.1



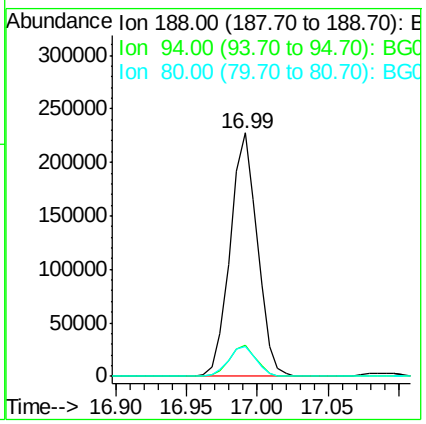


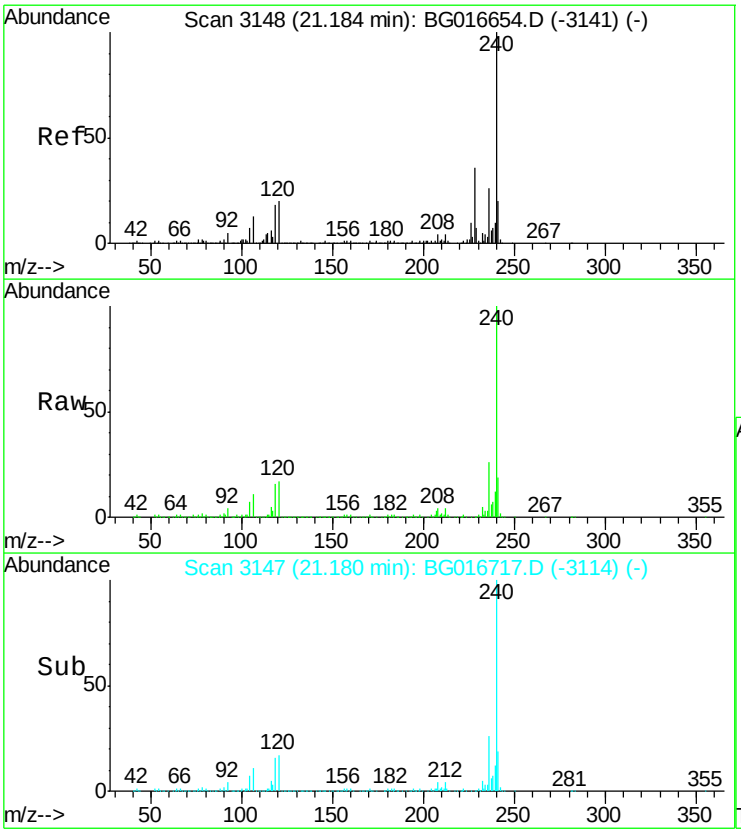
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.99 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG016717.D
Acq: 25 Apr 2015 14:47

Instrument :
BNA_G
ClientSampleId :
MW-20

Tgt Ion:188 Resp: 305633

Ion	Ratio	Lower	Upper
188	100		
94	12.7	10.7	16.1
80	12.1	9.9	14.9

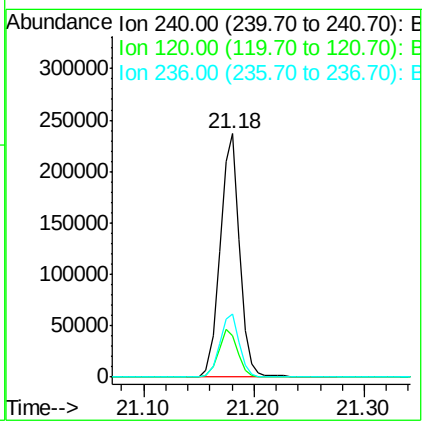


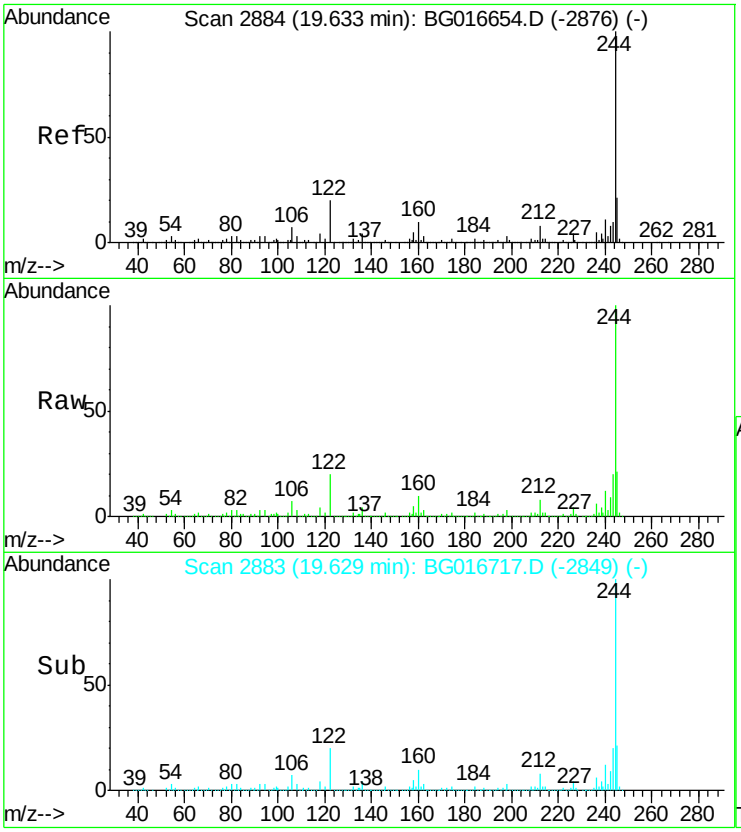


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.18 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG016717.D
Acq: 25 Apr 2015 14:47

Tgt Ion:240 Resp: 290992

Ion	Ratio	Lower	Upper
240	100		
120	17.2	16.3	24.5
236	25.7	21.1	31.7



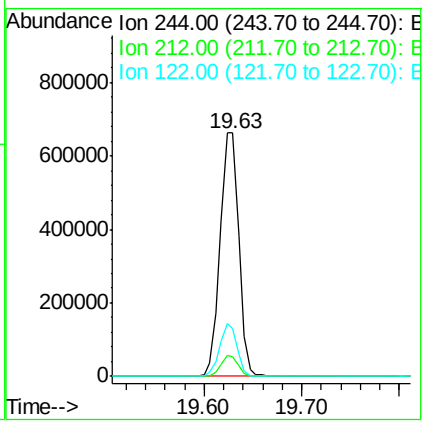


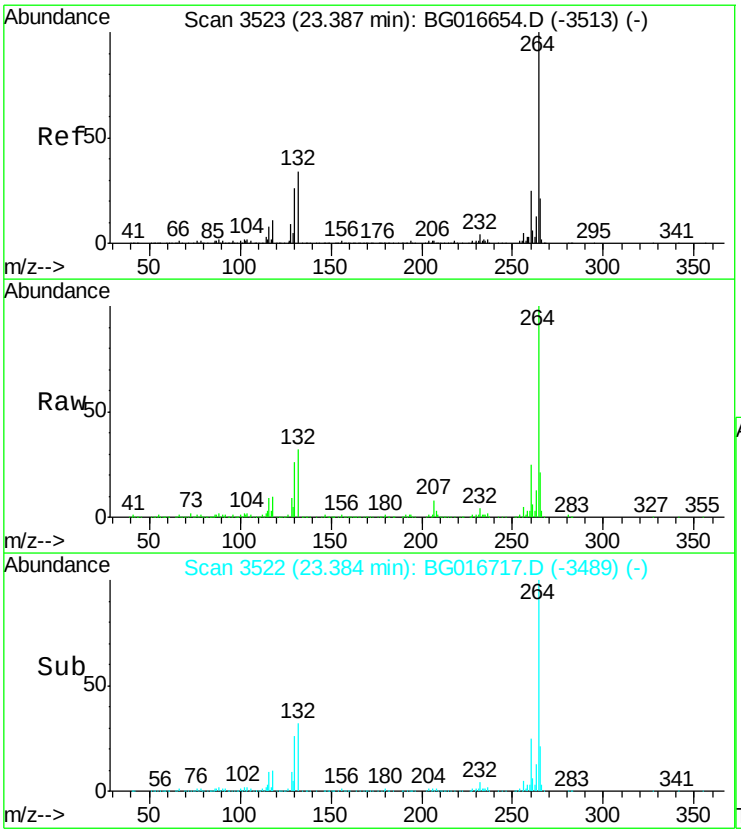
#78
Terphenyl-d14
Concen: 69.67 ng
RT: 19.63 min Scan# 2883
Delta R.T. 0.00 min
Lab File: BG016717.D
Acq: 25 Apr 2015 14:47

Instrument :
BNA_G
ClientSampleId :
MW-20

Tgt Ion:244 Resp: 880090

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.4	9.6
122	19.5	15.9	23.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.38 min Scan# 3522
Delta R.T. -0.00 min
Lab File: BG016717.D
Acq: 25 Apr 2015 14:47

Tgt Ion:264 Resp: 272498

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.0	30.0
265	21.1	16.8	25.2