Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081516\
Data File : BG023719.D
Acq On : 15 Aug 2016 13:27
Operator : UM/SJ
Sample : H4452-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 15 17:13:59 2016
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	139632	20.00	ng		0.00
21) Naphthalene-d8	10.96	136	591240	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	350681	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	660696	20.00	ng		0.00
75) Chrysene-d12	21.88	240	708398	20.00	ng		0.01
86) Perylene-d12	25.28	264	719944	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	1053596	127.01	ng		0.00
7) Phenol-d6	7.28	99	1534003	118.73	ng		0.00
23) Nitrobenzene-d5	9.30	82	1065592	89.60	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	510671	99.56	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	1796215	86.39	ng		0.00
78) Terphenyl-d14	20.16	244	1825577	79.38	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.24	77	183	Below Cal		#	8
32) Benzoic acid	10.22	122	75	6.45	ng		87
37) 2-Methylnaphthalene	12.83	142	70136	3.06	ng		96
49) Dimethylphthalate	14.23	163	731085	27.17	ng		99
70) Phenanthrene	17.60	178	70721	2.11	ng		98
71) Anthracene	17.60	178	70721	2.10	ng		97
73) Di-n-butylphthalate	18.50	149	14821	Below Cal		#	77
74) Fluoranthene	19.62	202	4760	Below Cal		#	51
77) Pyrene	19.98	202	13428	Below Cal		#	86

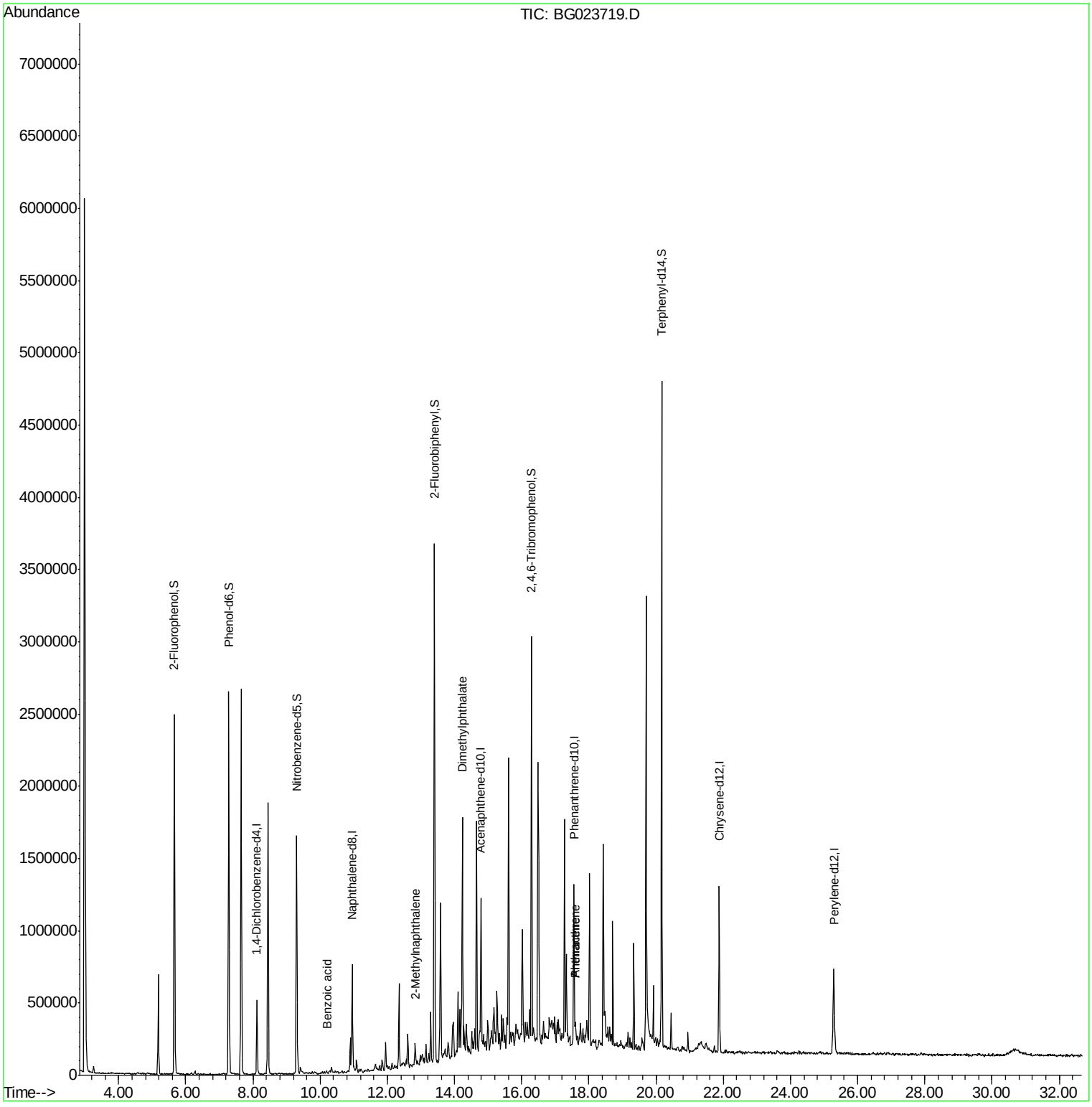
(#) = qualifier out of range (m) = manual integration (+) = signals summed

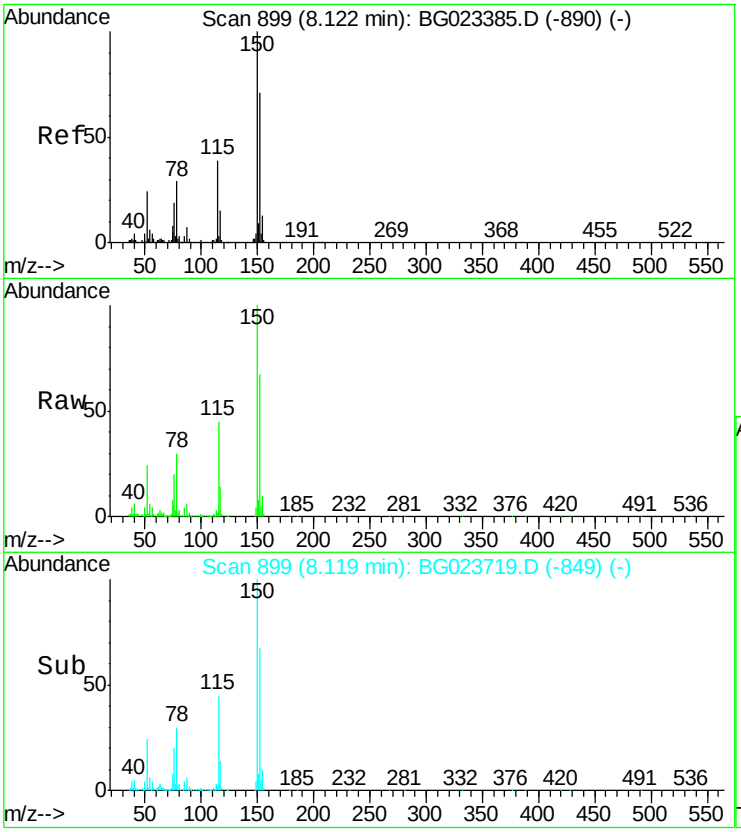
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081516\
Data File : BG023719.D
Acq On : 15 Aug 2016 13:27
Operator : UM/SJ
Sample : H4452-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 15 17:13:59 2016
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration



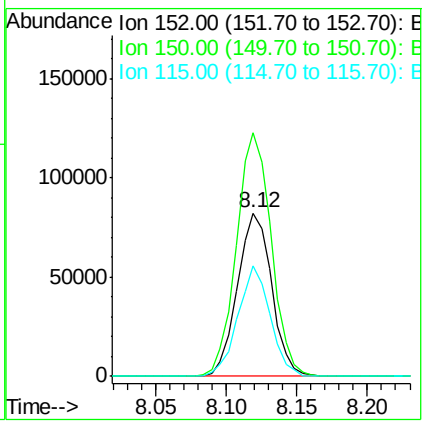


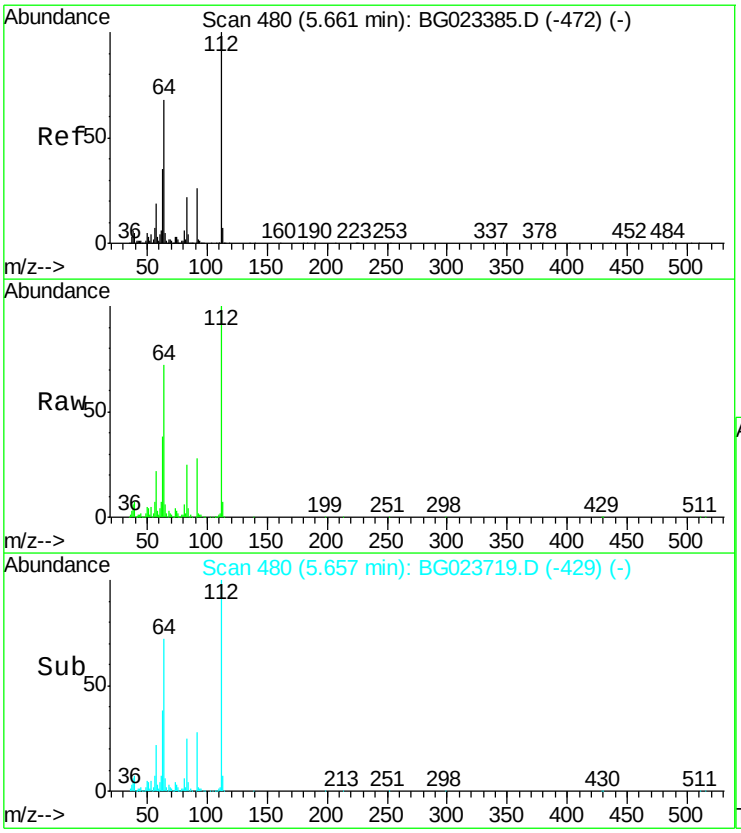
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 899
Delta R.T. -0.00 min
Lab File: BG023719.D
Acq: 15 Aug 2016 13:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 139632

Ion	Ratio	Lower	Upper
152	100		
150	149.4	144.7	217.1
115	67.7	64.0	96.0

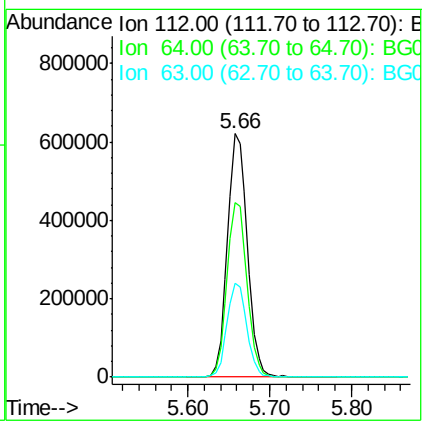


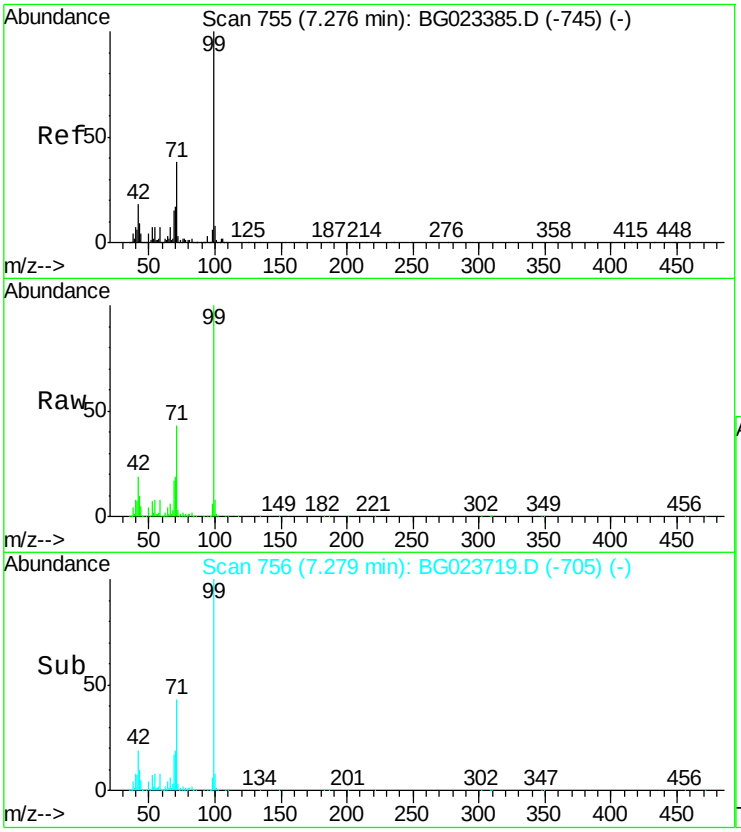


#5
2-Fluorophenol
Concen: 127.01 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.00 min
Lab File: BG023719.D
Acq: 15 Aug 2016 13:27

Tgt Ion:112 Resp: 1053596

Ion	Ratio	Lower	Upper
112	100		
64	71.7	59.0	88.4
63	38.4	37.8	56.8



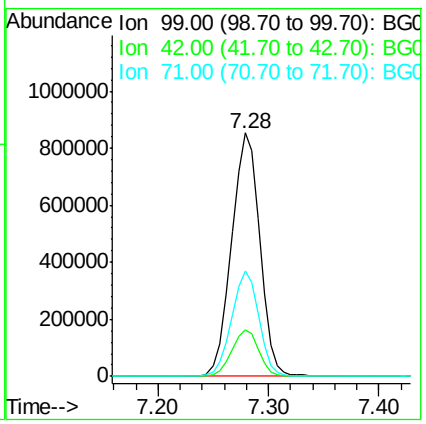


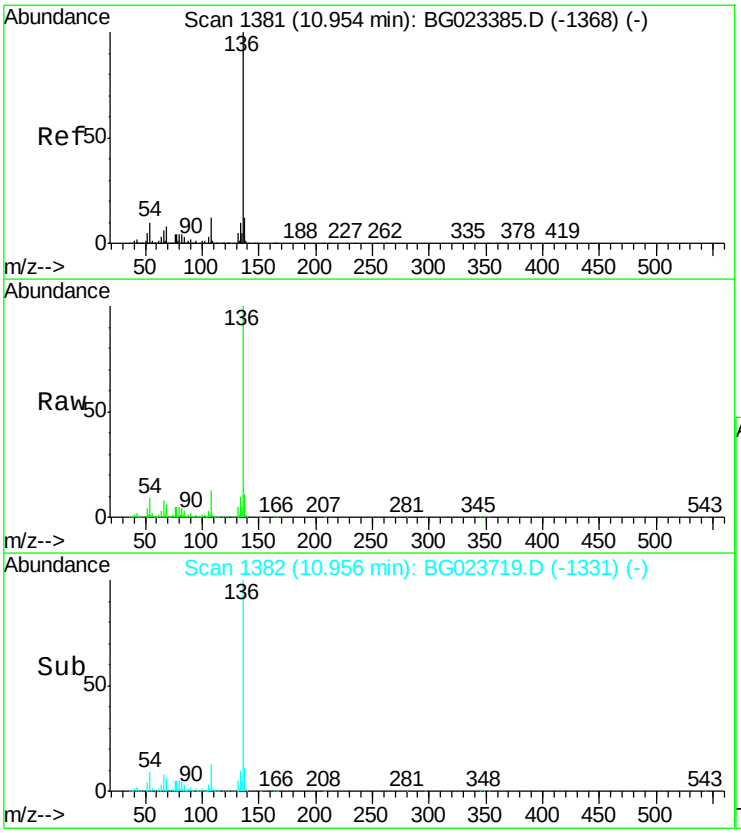
#7
Phenol-d6
Concen: 118.73 ng
RT: 7.28 min Scan# 756
Delta R.T. 0.00 min
Lab File: BG023719.D
Acq: 15 Aug 2016 13:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 1534003

Ion	Ratio	Lower	Upper
99	100		
42	18.9	17.8	26.6
71	43.3	41.5	62.3

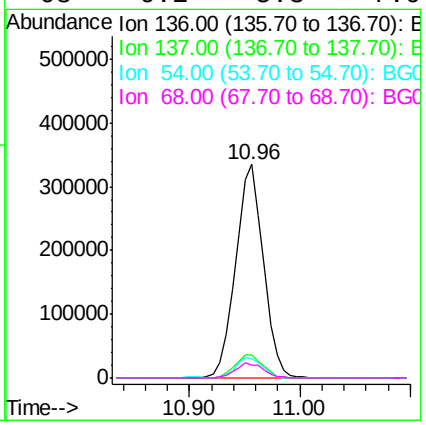


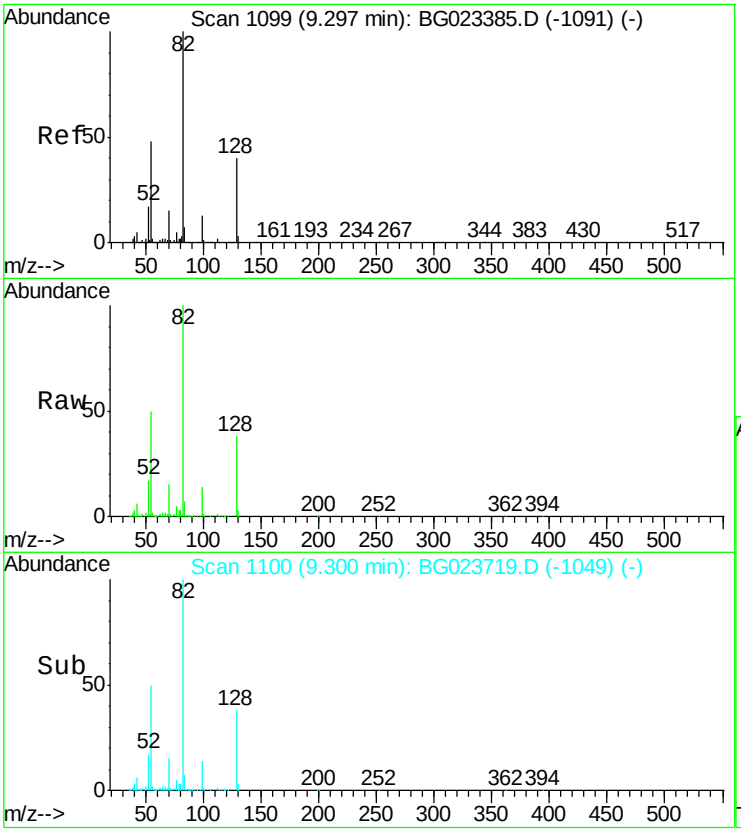


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BG023719.D
Acq: 15 Aug 2016 13:27

Tgt Ion:136 Resp: 591240

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	8.8	7.3	10.9
68	6.2	5.3	7.9



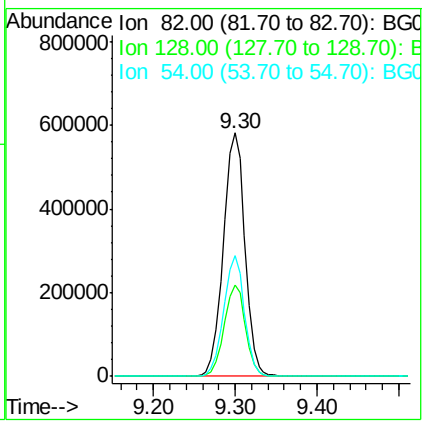


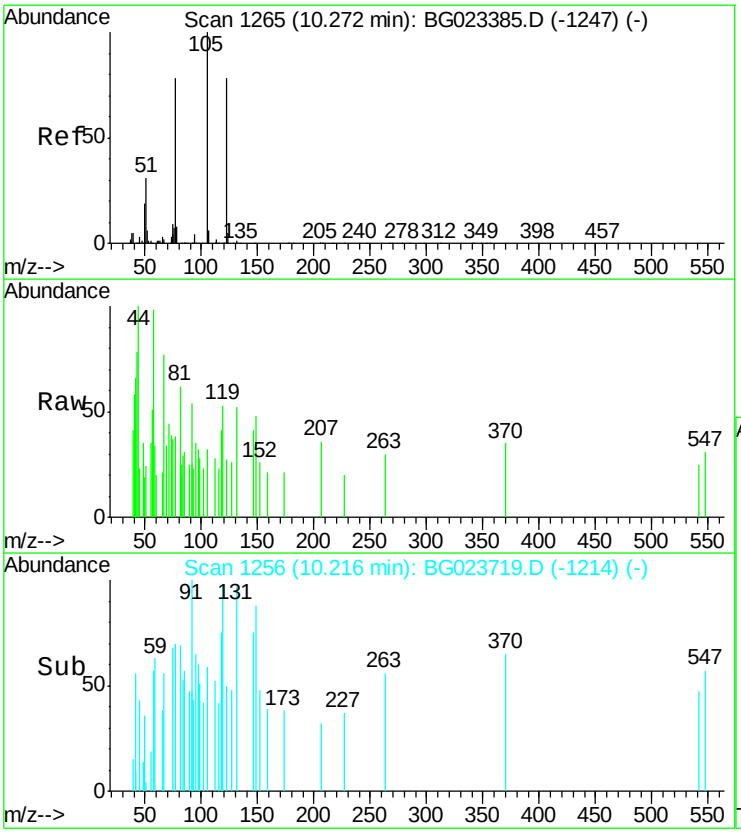
#23
Nitrobenzene-d5
Concen: 89.60 ng
RT: 9.30 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BG023719.D
Acq: 15 Aug 2016 13:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 1065592

Ion	Ratio	Lower	Upper
82	100		
128	37.7	24.4	36.6#
54	49.7	41.4	62.0

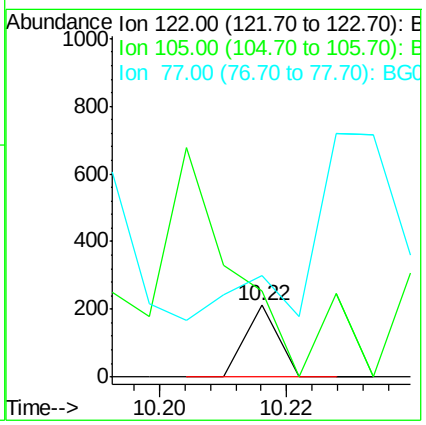


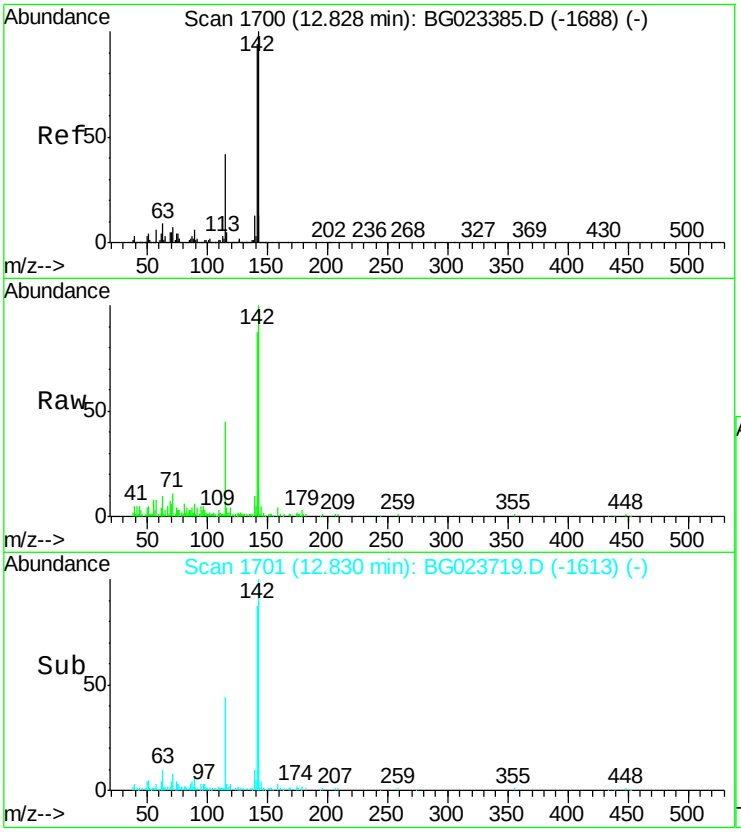


#32
Benzoic acid
Concen: 6.45 ng
RT: 10.22 min Scan# 1256
Delta R.T. -0.06 min
Lab File: BG023719.D
Acq: 15 Aug 2016 13:27

Tgt Ion:122 Resp: 75

Ion	Ratio	Lower	Upper
122	100		
105	119.8	117.2	157.2
77	142.0	109.2	149.2



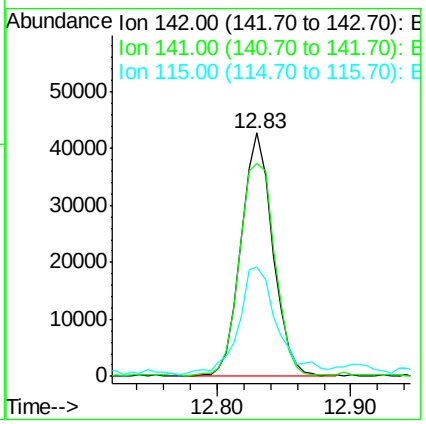


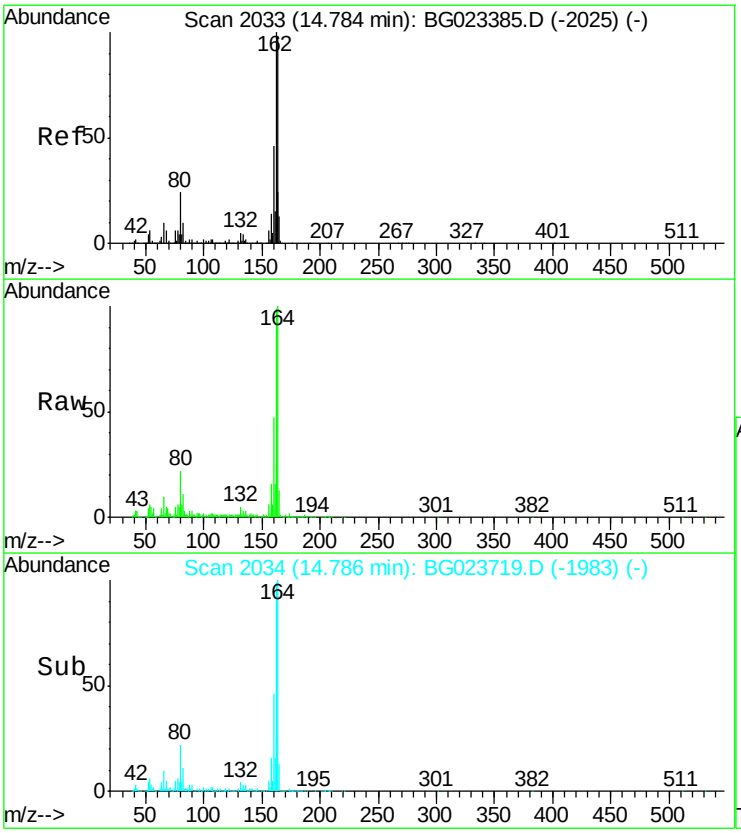
#37
2-Methylnaphthalene
Concen: 3.06 ng
RT: 12.83 min Scan# 1701
Delta R.T. 0.22 min
Lab File: BG023719.D
Acq: 15 Aug 2016 13:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 70136

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.2	105.2
115	44.9	41.7	62.5

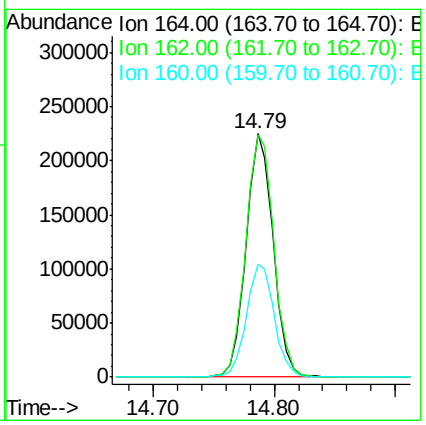


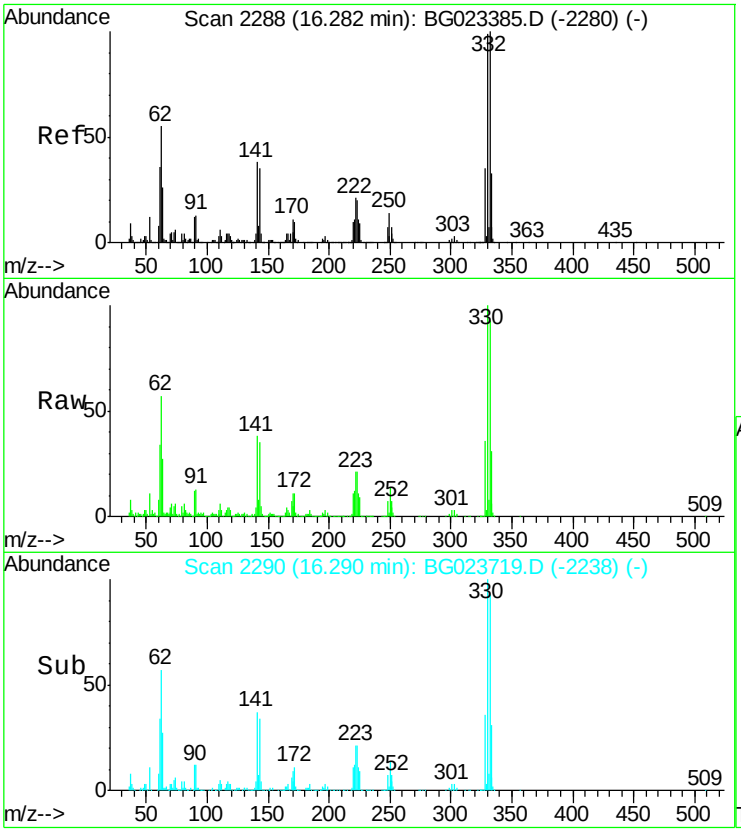


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG023719.D
Acq: 15 Aug 2016 13:27

Tgt Ion:164 Resp: 350681

Ion	Ratio	Lower	Upper
164	100		
162	99.4	87.7	131.5
160	46.6	37.2	55.8



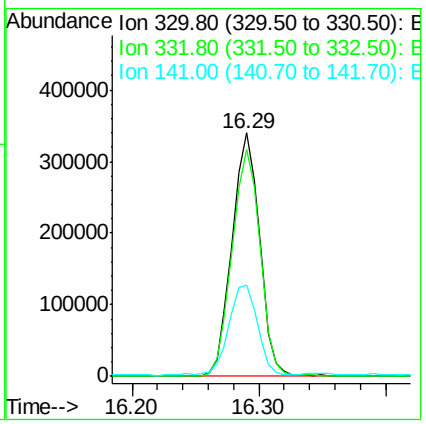


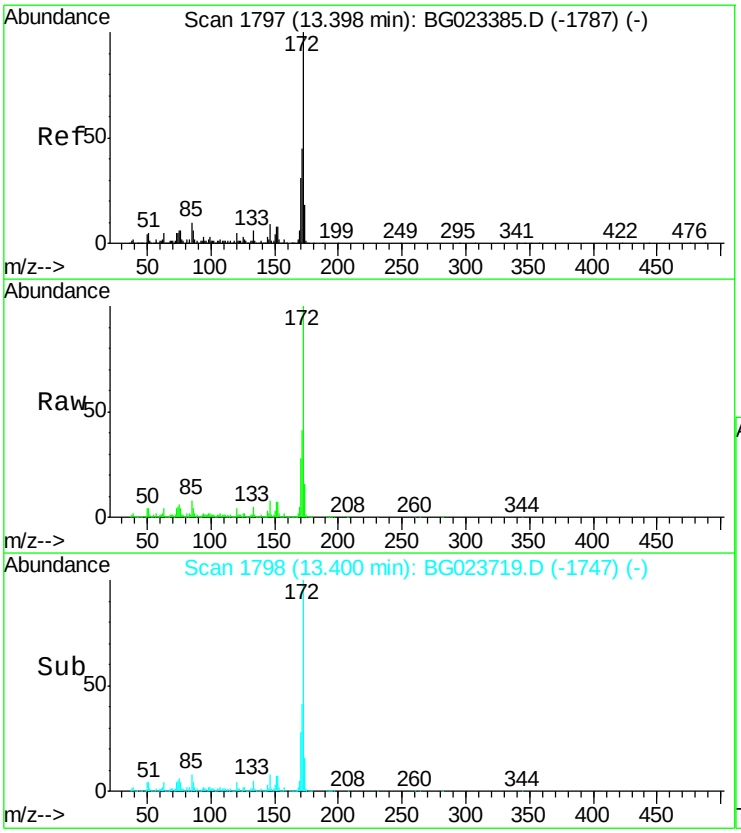
#41
2,4,6-Tribromophenol
Concen: 99.56 ng
RT: 16.29 min Scan# 2290
Delta R.T. 0.01 min
Lab File: BG023719.D
Acq: 15 Aug 2016 13:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 510671

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.4	116.2
141	39.1	31.7	47.5

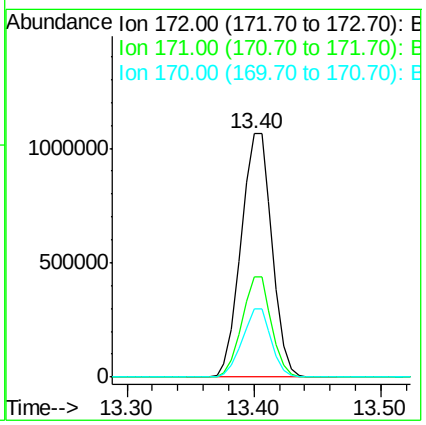


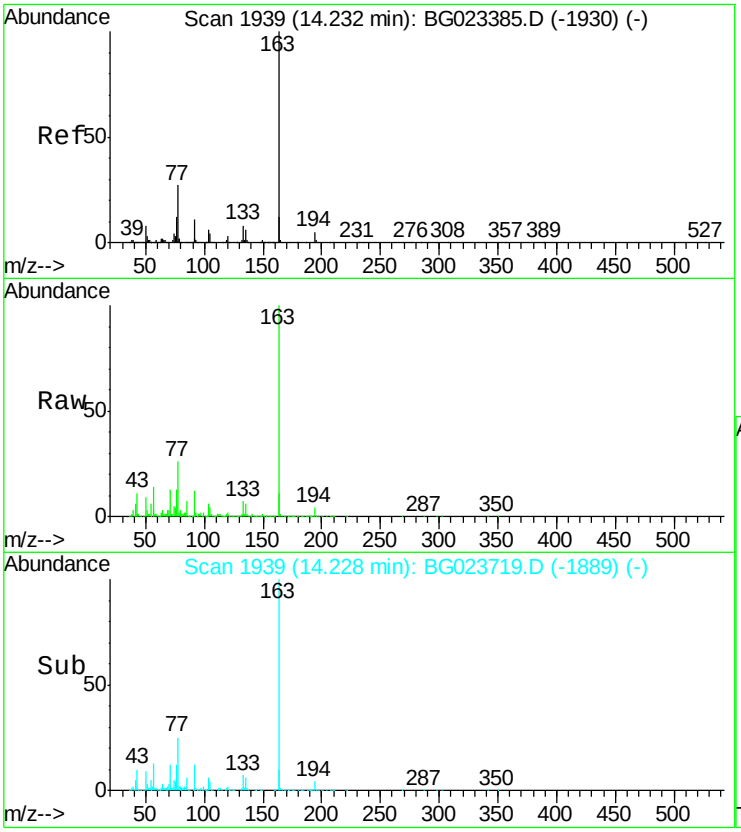


#44
2-Fluorobiphenyl
Concen: 86.39 ng
RT: 13.40 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BG023719.D
Acq: 15 Aug 2016 13:27

Tgt Ion:172 Resp: 1796215

Ion	Ratio	Lower	Upper
172	100		
171	41.0	31.6	47.4
170	27.8	21.3	31.9



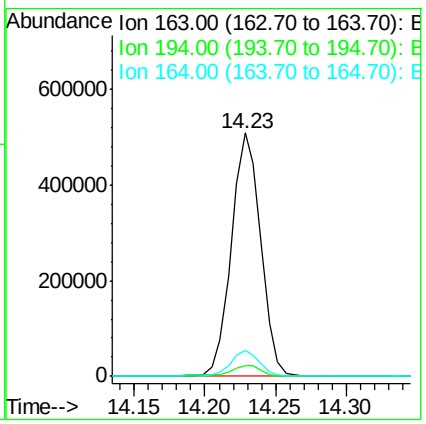


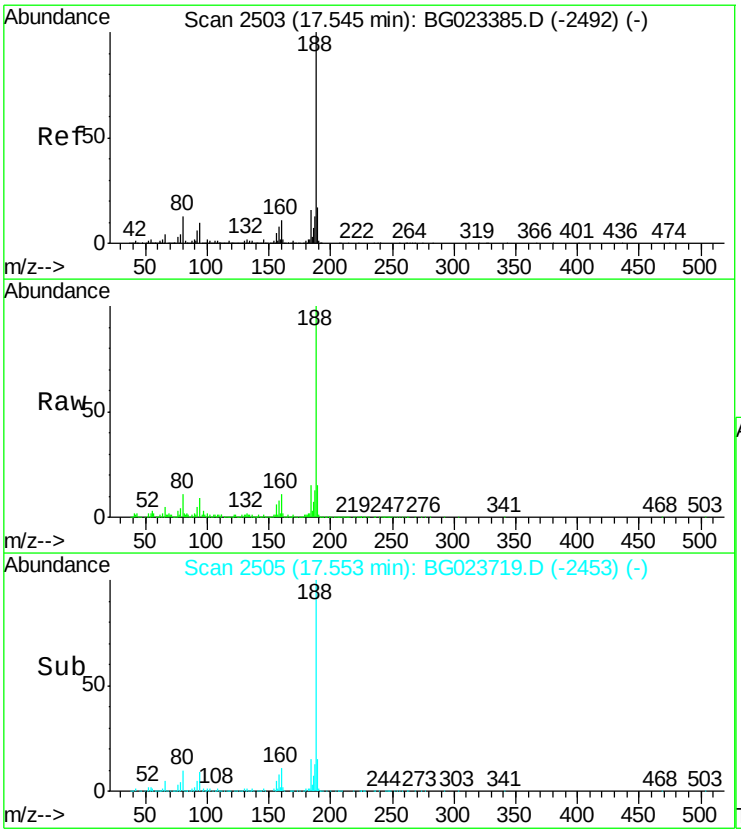
#49
Dimethylphthalate
Concen: 27.17 ng
RT: 14.23 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG023719.D
Acq: 15 Aug 2016 13:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 731085

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	10.6	8.1	12.1

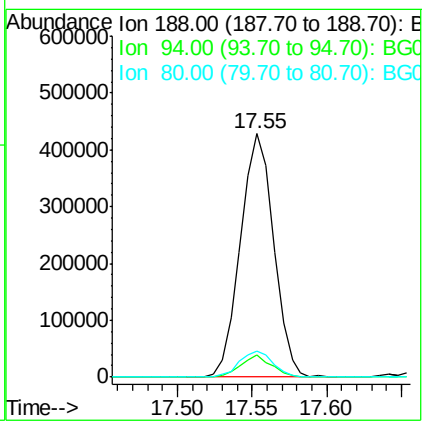


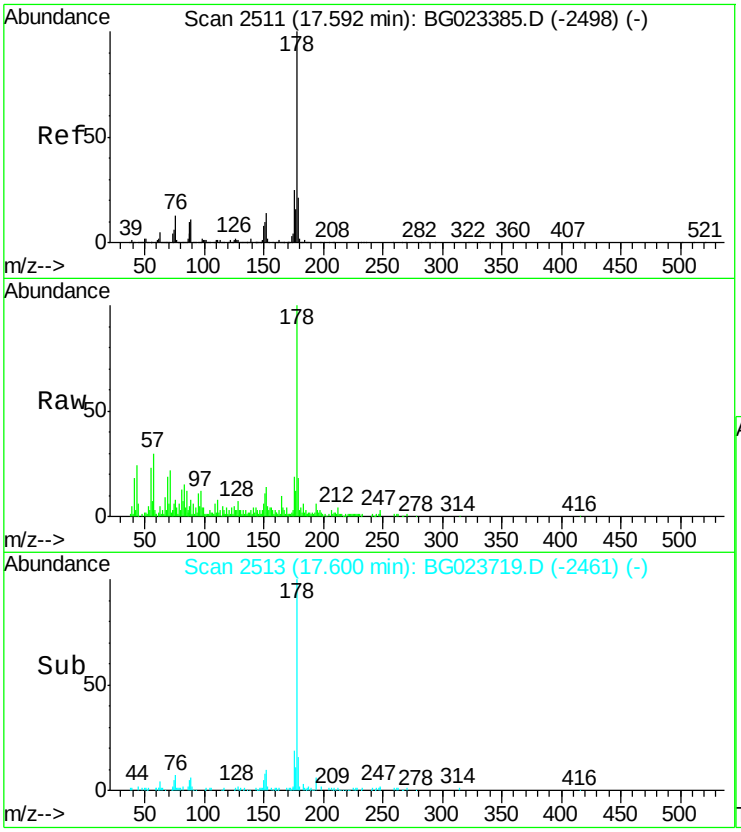


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG023719.D
Acq: 15 Aug 2016 13:27

Tgt Ion:188 Resp: 660696

Ion	Ratio	Lower	Upper
188	100		
94	9.1	5.2	7.8#
80	10.6	7.2	10.8



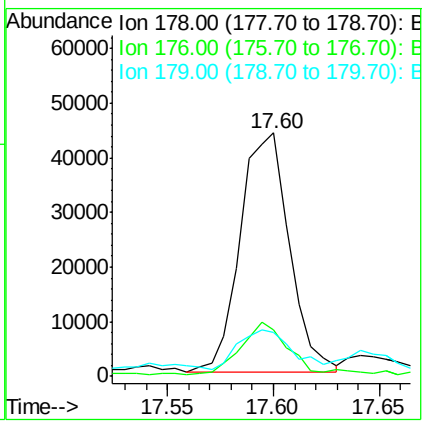


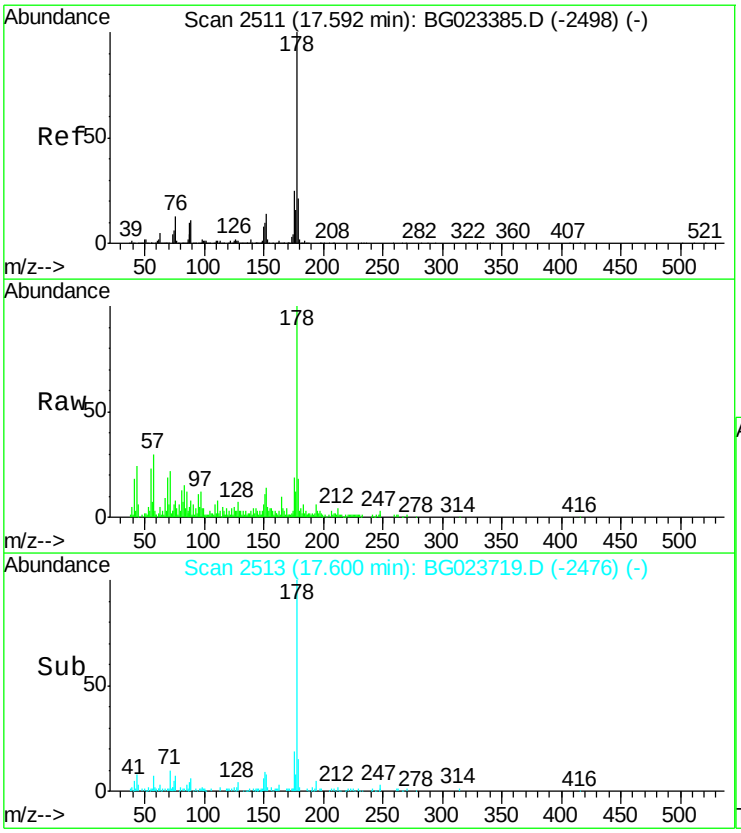
#70
Phenanthrene
Concen: 2.11 ng
RT: 17.60 min Scan# 2513
Delta R.T. 0.01 min
Lab File: BG023719.D
Acq: 15 Aug 2016 13:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 70721

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.8	25.2
179	18.1	14.3	21.5

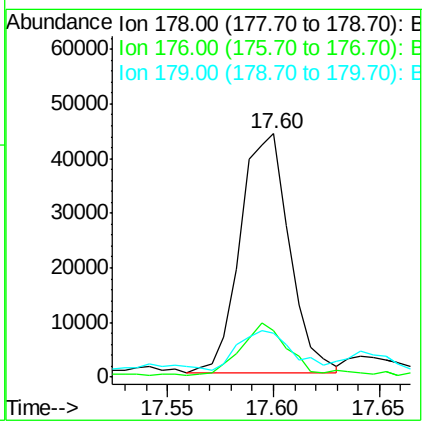


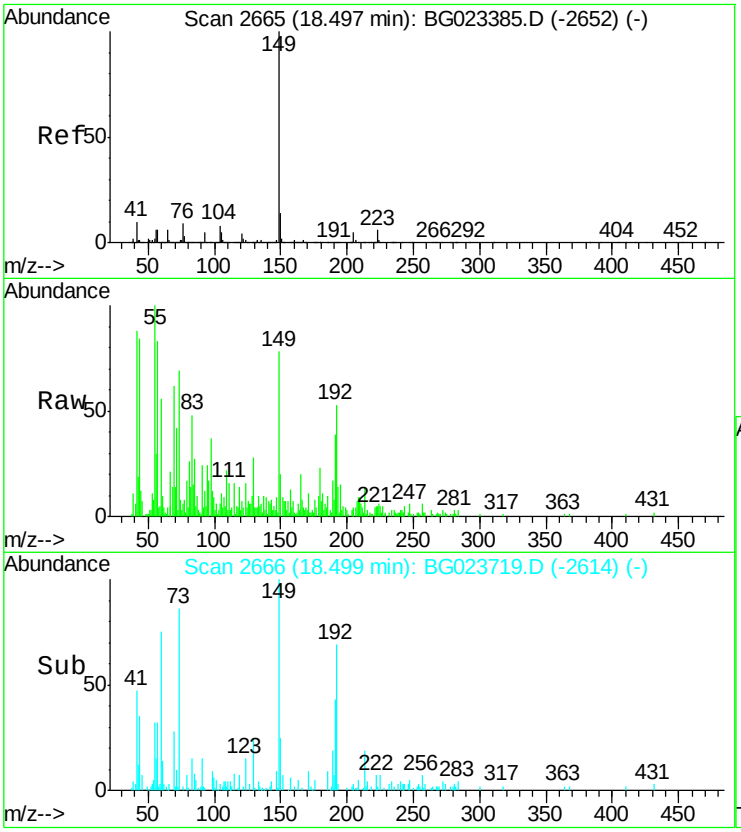


#71
Anthracene
Concen: 2.10 ng
RT: 17.60 min Scan# 2513
Delta R.T. -0.08 min
Lab File: BG023719.D
Acq: 15 Aug 2016 13:27

Tgt Ion:178 Resp: 70721

Ion	Ratio	Lower	Upper
178	100		
176	19.2	17.3	25.9
179	18.1	14.0	21.0



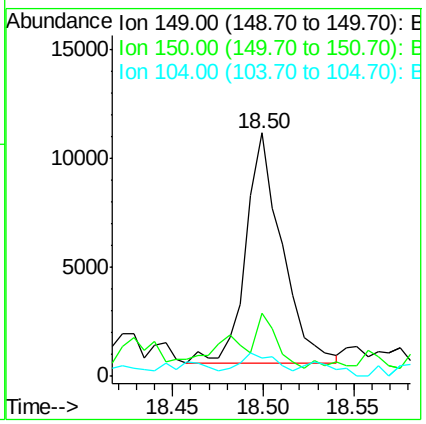


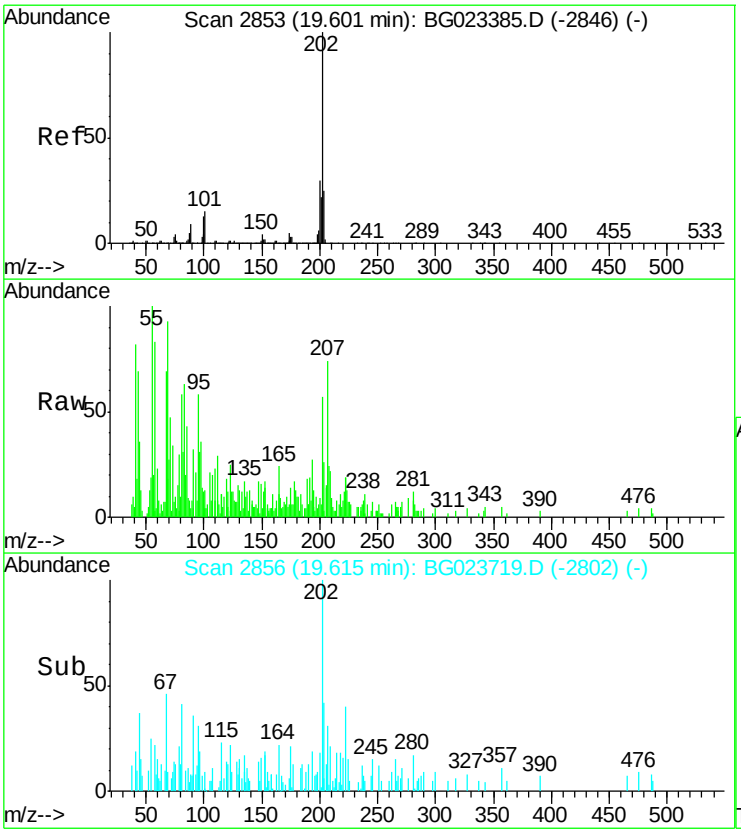
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 18.50 min Scan# 2666
Delta R.T. 0.00 min
Lab File: BG023719.D
Acq: 15 Aug 2016 13:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 14821

Ion	Ratio	Lower	Upper
149	100		
150	26.1	9.1	13.7#
104	7.5	6.9	10.3

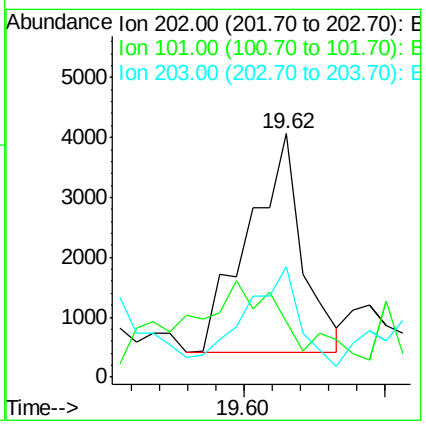


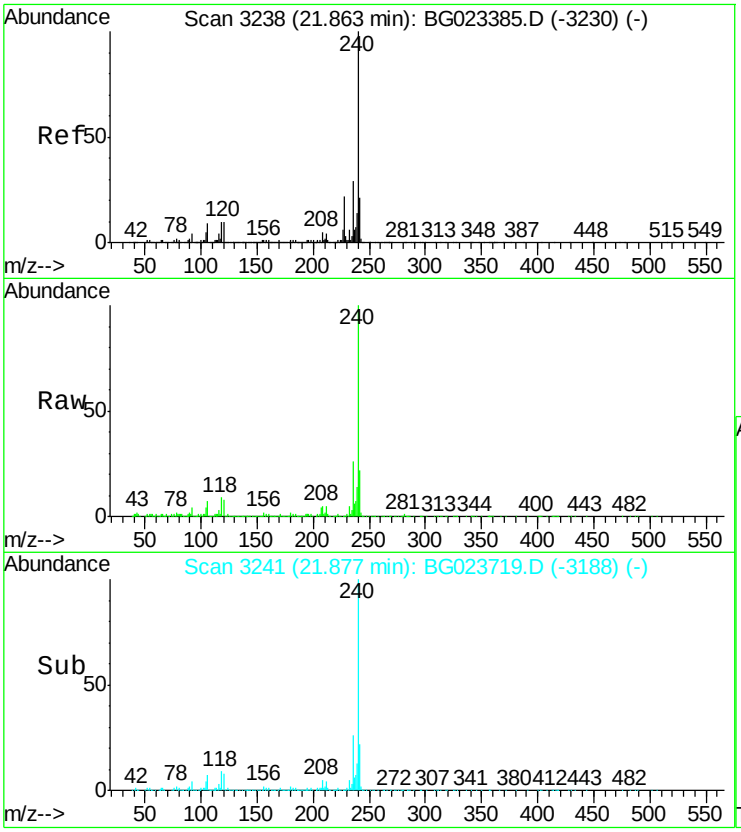


#74
Fluoranthene
Concen: Below Cal
RT: 19.62 min Scan# 2856
Delta R.T. 0.02 min
Lab File: BG023719.D
Acq: 15 Aug 2016 13:27

Tgt Ion:202 Resp: 4760

Ion	Ratio	Lower	Upper
202	100		
101	22.7	0.0	27.4
203	45.6	1.7	41.7#



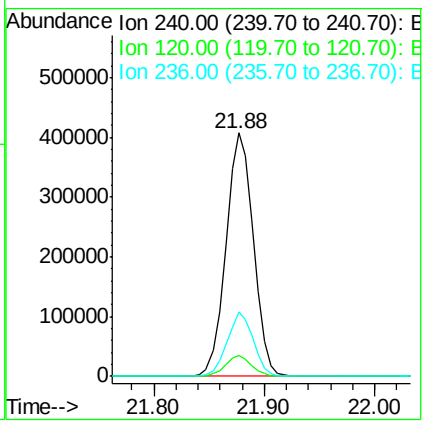


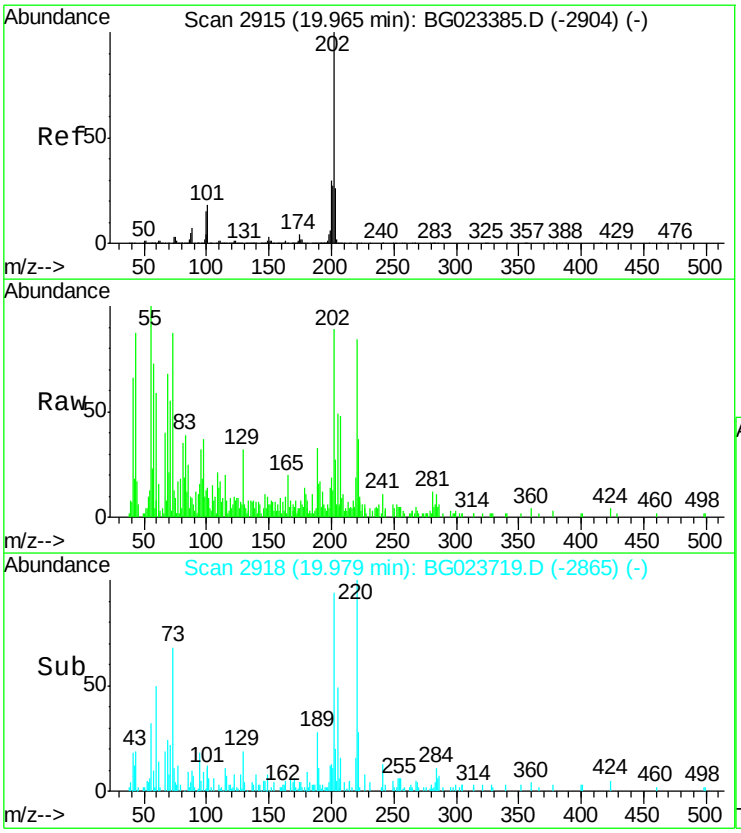
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.88 min Scan# 3241
Delta R.T. 0.01 min
Lab File: BG023719.D
Acq: 15 Aug 2016 13:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 708398

Ion	Ratio	Lower	Upper
240	100		
120	8.5	4.1	6.1#
236	26.3	21.1	31.7

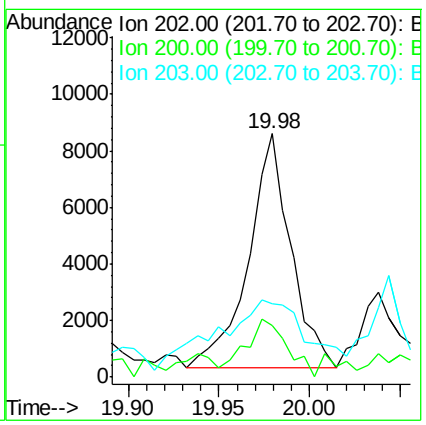


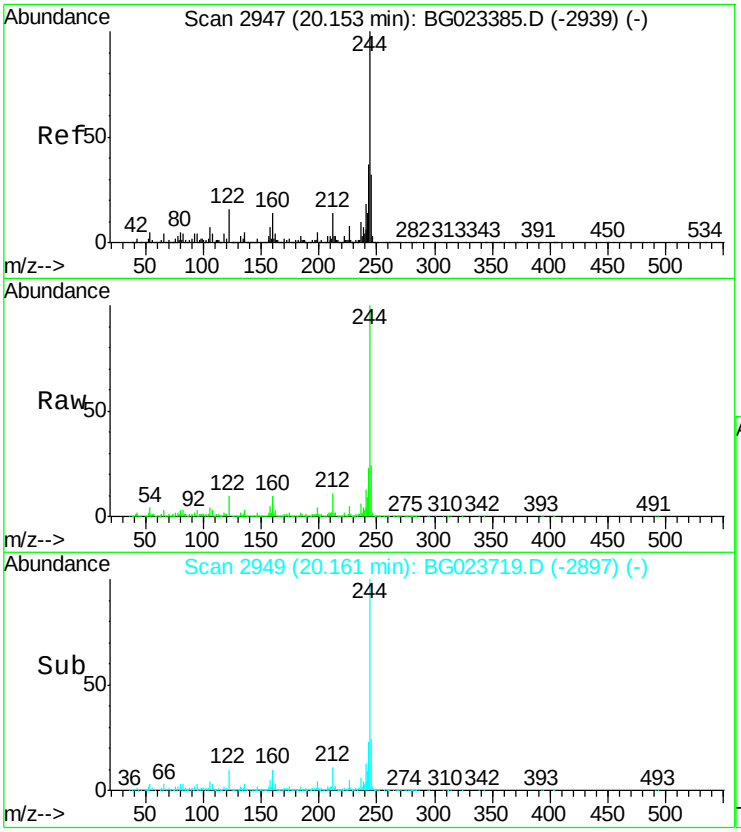


#77
Pyrene
Concen: Below Cal
RT: 19.98 min Scan# 2918
Delta R.T. 0.01 min
Lab File: BG023719.D
Acq: 15 Aug 2016 13:27

Tgt Ion:202 Resp: 13428

Ion	Ratio	Lower	Upper
202	100		
200	21.1	21.2	31.8#
203	30.2	16.8	25.2#



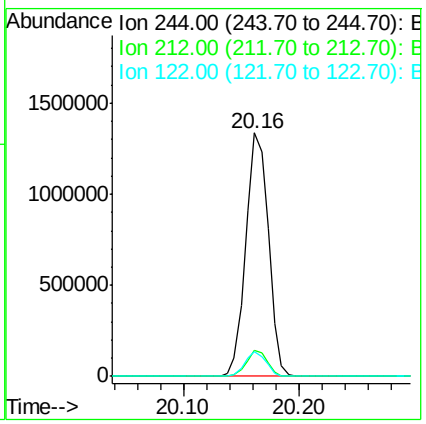


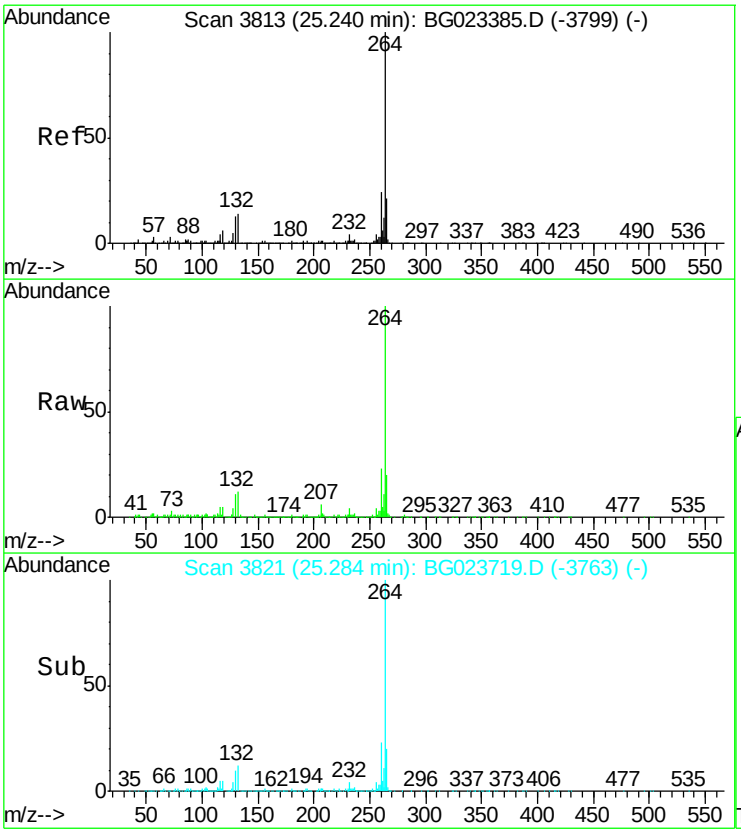
#78
Terphenyl-d14
Concen: 79.38 ng
RT: 20.16 min Scan# 2949
Delta R.T. 0.01 min
Lab File: BG023719.D
Acq: 15 Aug 2016 13:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1825577

Ion	Ratio	Lower	Upper
244	100		
212	10.6	10.8	16.2#
122	10.3	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.28 min Scan# 3821
Delta R.T. 0.04 min
Lab File: BG023719.D
Acq: 15 Aug 2016 13:27

Tgt Ion:264 Resp: 719944

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.4	27.6
265	20.0	18.9	28.3