Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081616\
Data File : BG023738.D
Acq On : 16 Aug 2016 21:49
Operator : UM/SJ
Sample : H4422-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IW-1

Quant Time: Aug 17 01:40:57 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	8.10	152	94753	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	434239	20.00	ng		-0.02
38) Acenaphthene-d10	14.78	164	297850	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	672924	20.00	ng		0.00
75) Chrysene-d12	21.86	240	699619	20.00	ng		0.00
86) Perylene-d12	25.26	264	706452	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	561722	99.79	ng		-0.02
7) Phenol-d6	7.26	99	730496	83.32	ng		-0.02
23) Nitrobenzene-d5	9.28	82	793349	90.83	ng		-0.02
41) 2,4,6-Tribromophenol	16.28	330	487480	111.89	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	1623882	91.96	ng		0.00
78) Terphenyl-d14	20.16	244	2155192	99.72	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.99	128	182277	8.24	ng		99
37) 2-Methylnaphthalene	12.60	142	279084	16.60	ng		96
49) Dimethylphthalate	14.22	163	112489	4.92	ng		99
57) Fluorene	15.83	166	48568	2.17	ng		93
70) Phenanthrene	17.59	178	195110	5.71	ng		99
82) Chrysene	21.91	228	77257	2.10	ng	#	78

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081616\
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Acq On : 16 Aug 2016 21:49
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Sample : H4422-04
Misc :
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Quant Time: Aug 17 01:40:57 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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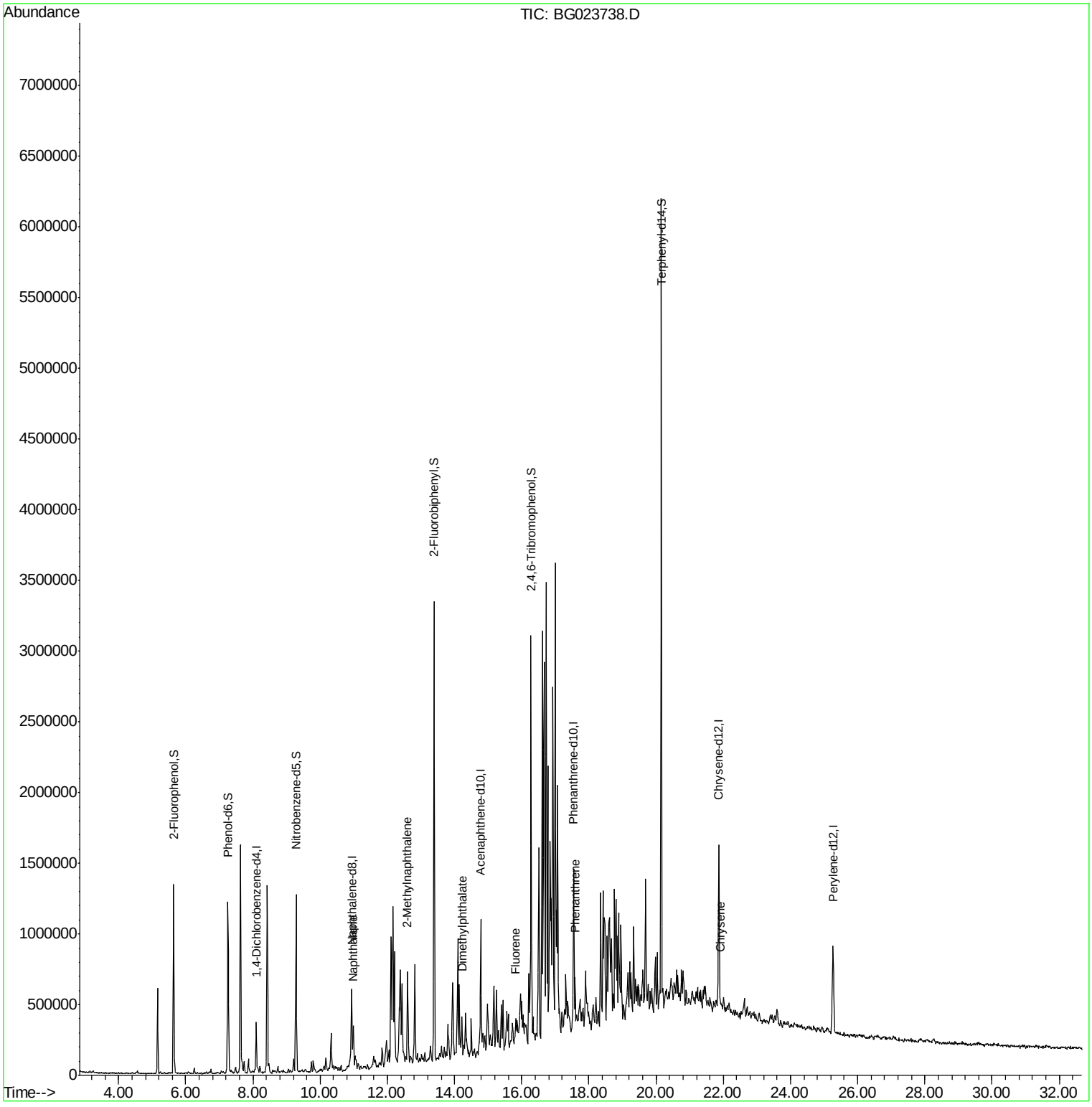
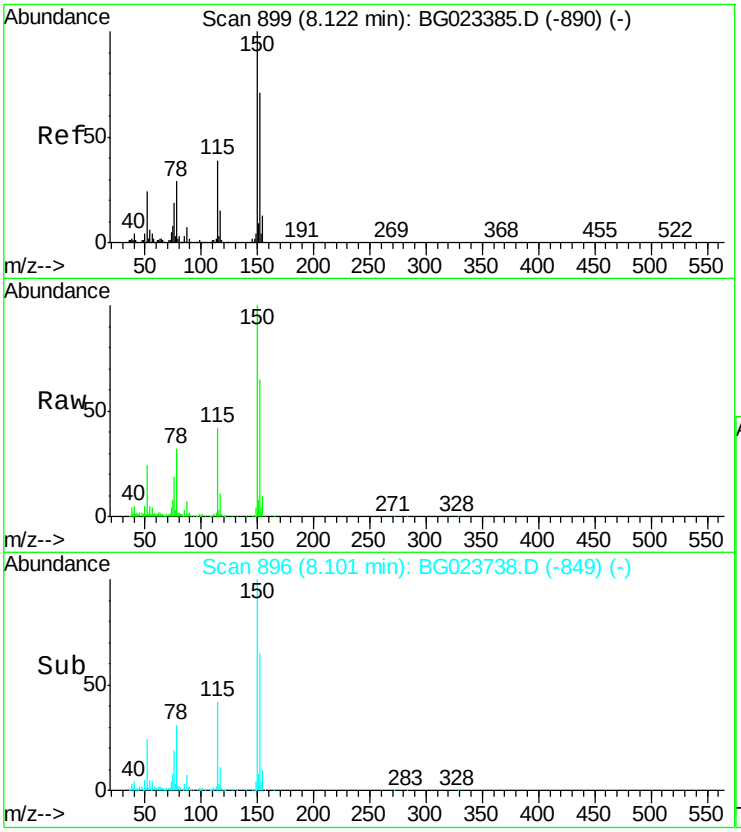


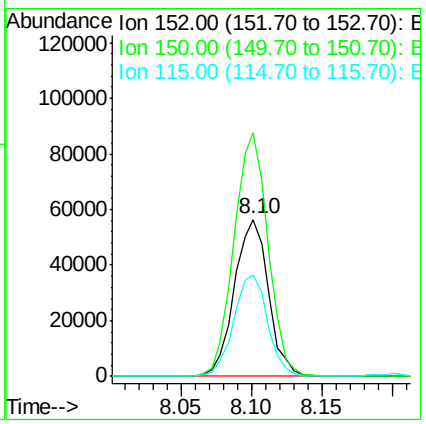


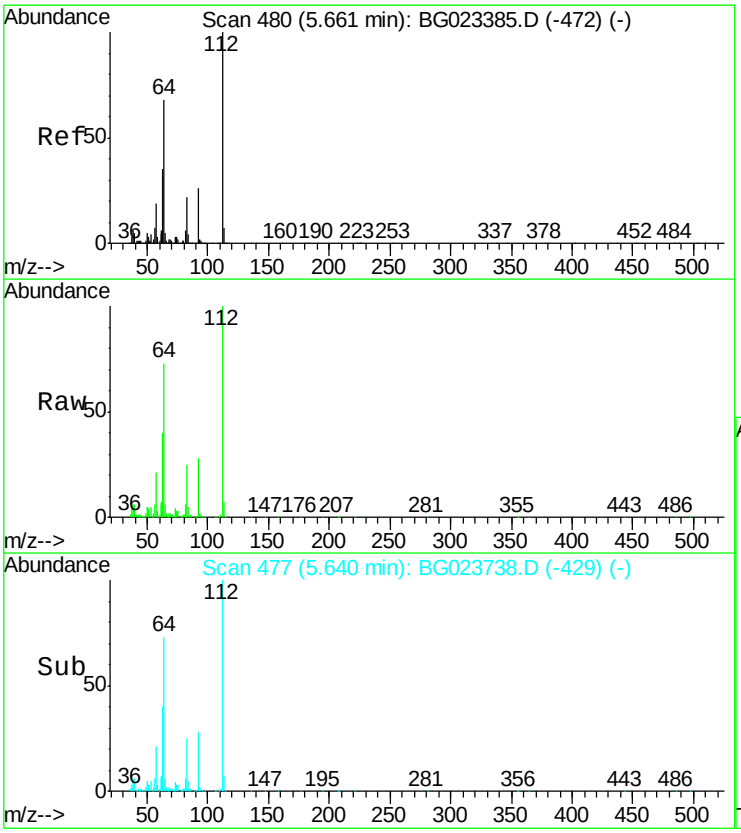
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.10 min Scan# 896
Delta R.T. -0.02 min
Lab File: BG023738.D
Acq: 16 Aug 2016 21:49

Instrument :
BNA_G
ClientSampleId :
IW-1

Tgt Ion:152 Resp: 94753

Ion	Ratio	Lower	Upper
152	100		
150	154.9	144.7	217.1
115	64.4	64.0	96.0

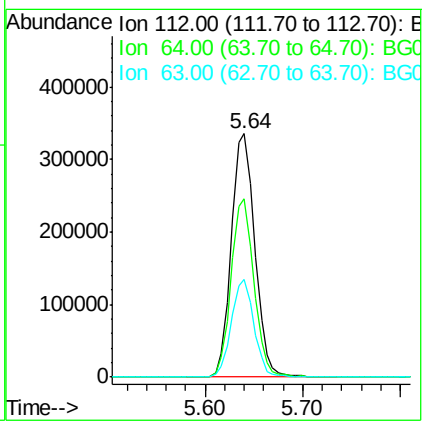


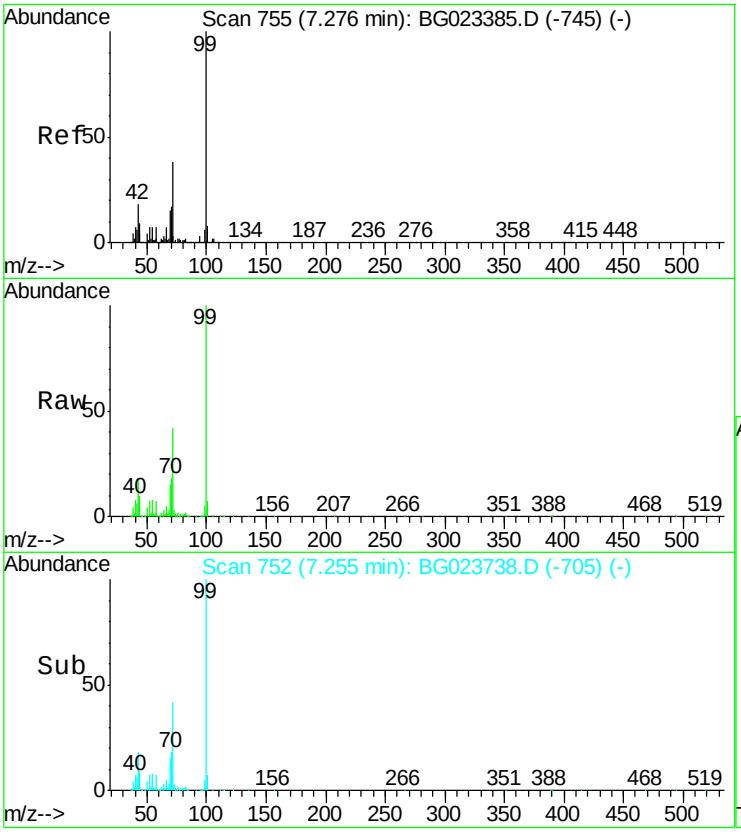


#5
2-Fluorophenol
Concen: 99.79 ng
RT: 5.64 min Scan# 477
Delta R.T. -0.02 min
Lab File: BG023738.D
Acq: 16 Aug 2016 21:49

Tgt Ion:112 Resp: 561722

Ion	Ratio	Lower	Upper
112	100		
64	73.4	59.0	88.4
63	40.0	37.8	56.8



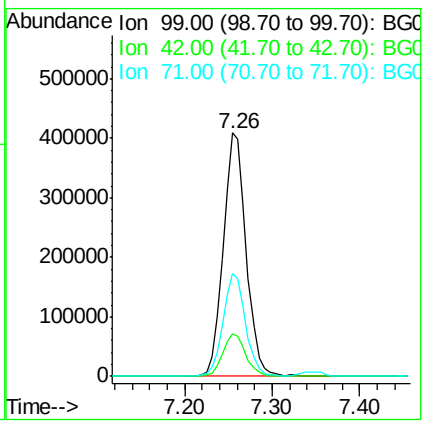


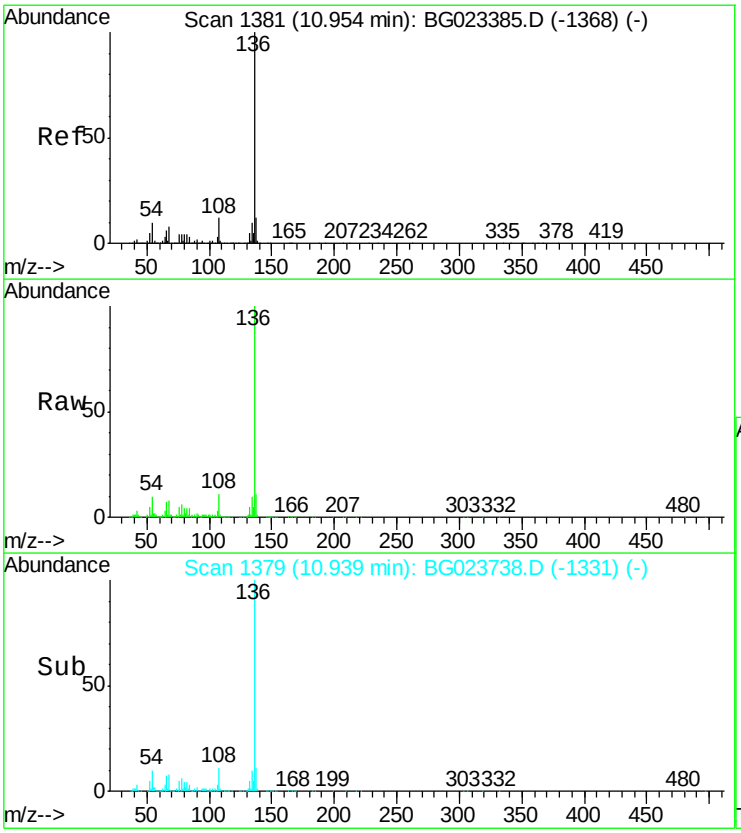
#7
Phenol-d6
Concen: 83.32 ng
RT: 7.26 min Scan# 752
Delta R.T. -0.02 min
Lab File: BG023738.D
Acq: 16 Aug 2016 21:49

Instrument :
BNA_G
ClientSampleId :
IW-1

Tgt Ion: 99 Resp: 730496

Ion	Ratio	Lower	Upper
99	100		
42	17.8	17.8	26.6
71	42.1	41.5	62.3

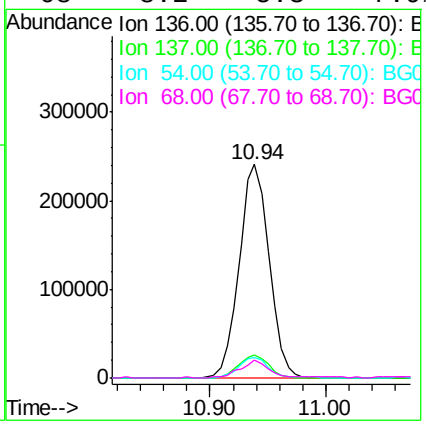


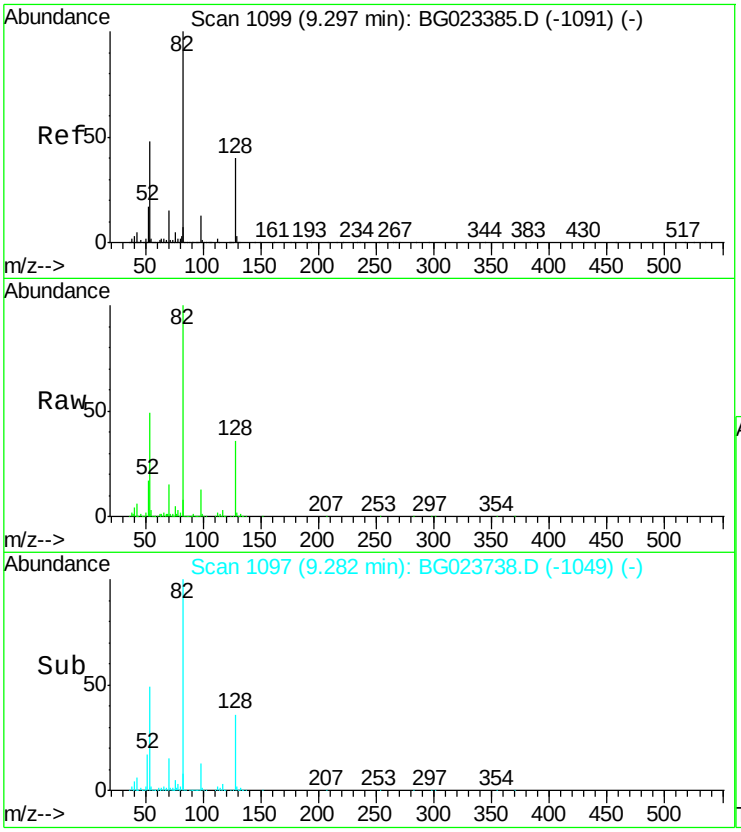


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1379
Delta R.T. -0.02 min
Lab File: BG023738.D
Acq: 16 Aug 2016 21:49

Tgt Ion:136 Resp: 434239

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	9.8	7.3	10.9
68	8.2	5.3	7.9#



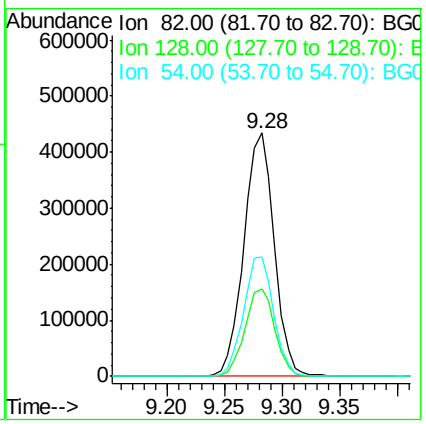


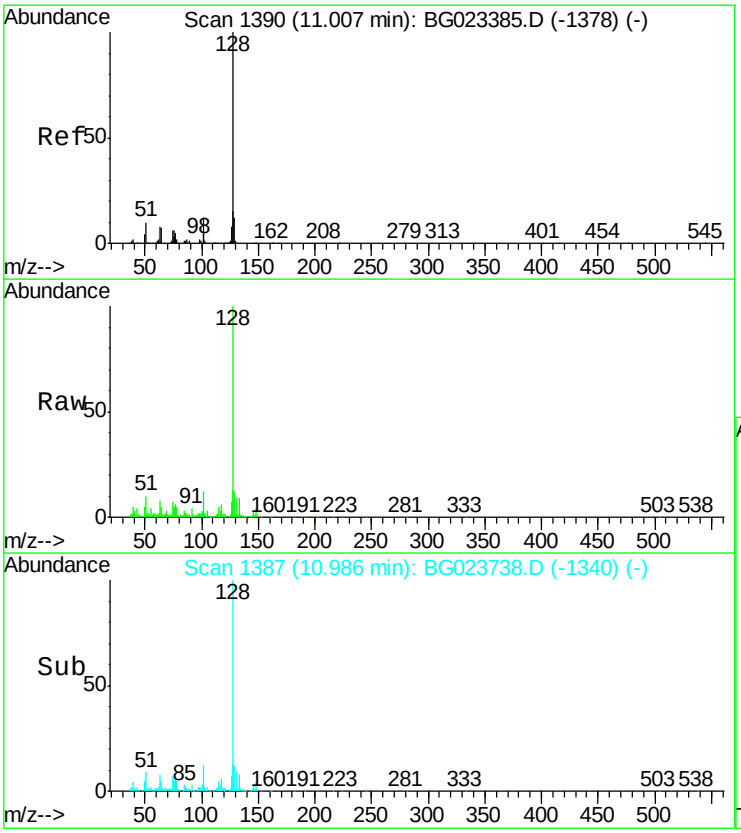
#23
Nitrobenzene-d5
Concen: 90.83 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG023738.D
Acq: 16 Aug 2016 21:49

Instrument :
BNA_G
ClientSampleId :
IW-1

Tgt Ion: 82 Resp: 793349

Ion	Ratio	Lower	Upper
82	100		
128	35.9	24.4	36.6
54	48.8	41.4	62.0

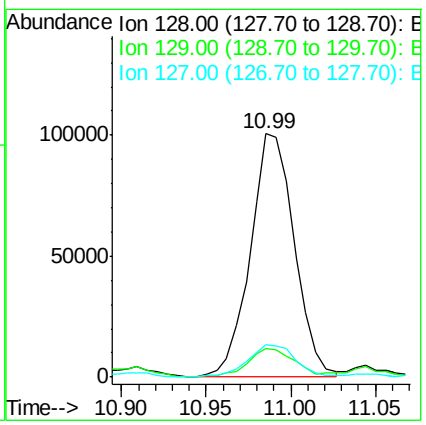


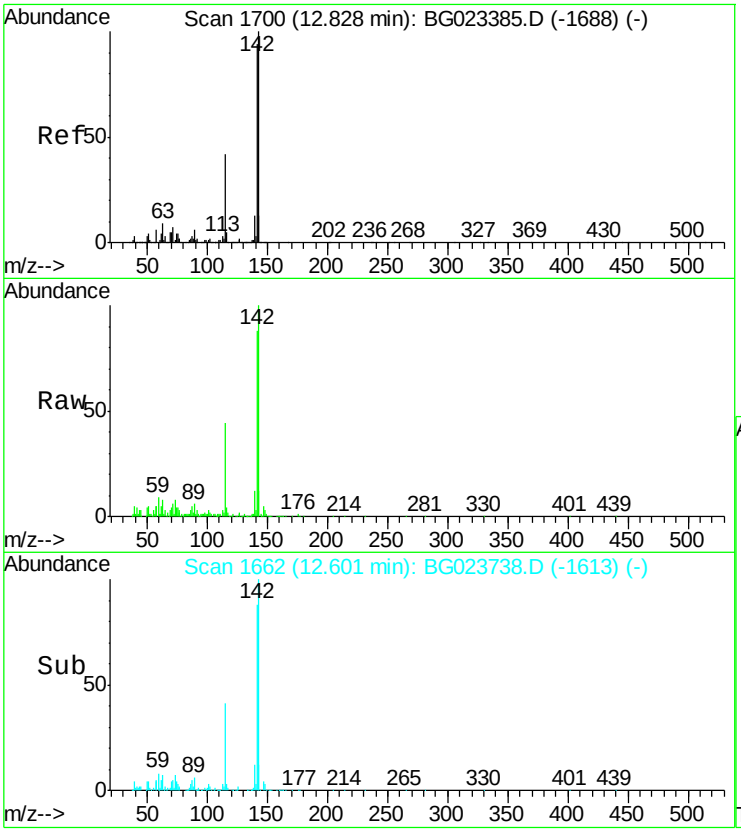


#31
Naphthalene
Concen: 8.24 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.02 min
Lab File: BG023738.D
Acq: 16 Aug 2016 21:49

Tgt Ion:128 Resp: 182277

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.0
127	13.4	11.3	16.9



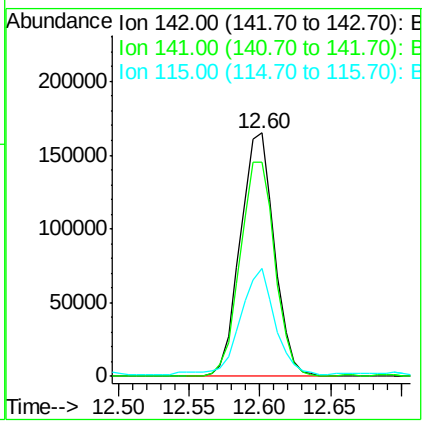


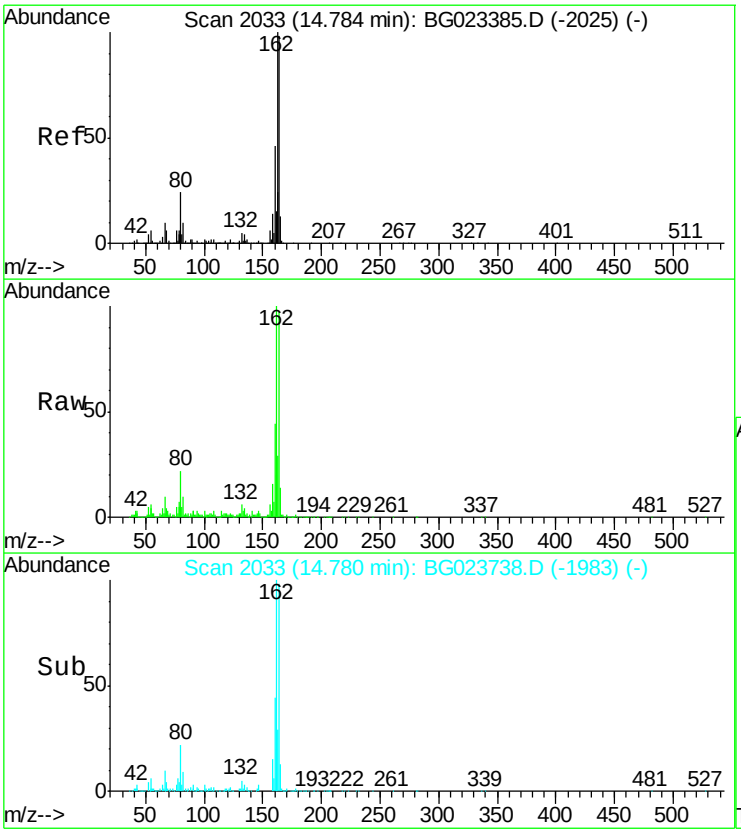
#37
2-Methylnaphthalene
Concen: 16.60 ng
RT: 12.60 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BG023738.D
Acq: 16 Aug 2016 21:49

Instrument :
BNA_G
ClientSampleId :
IW-1

Tgt Ion:142 Resp: 279084

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.2	105.2
115	44.2	41.7	62.5

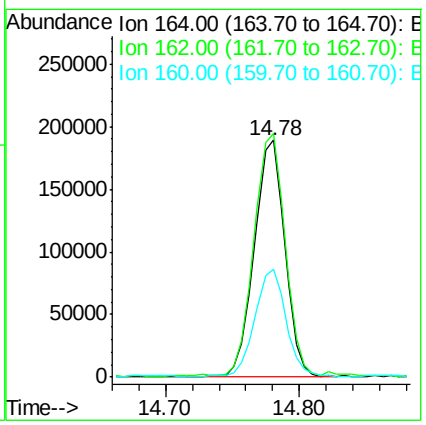


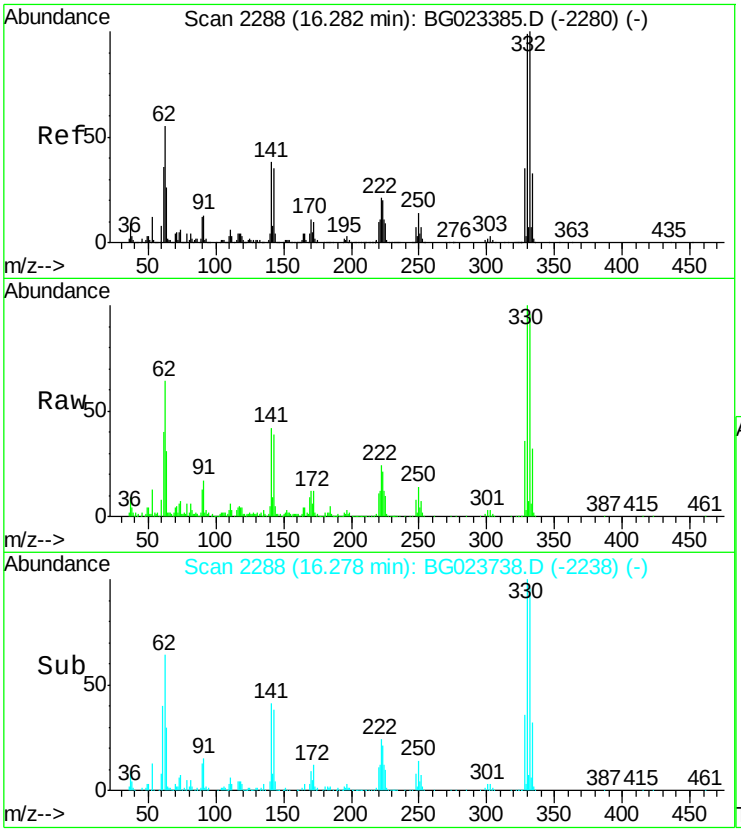


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG023738.D
Acq: 16 Aug 2016 21:49

Tgt Ion:164 Resp: 297850

Ion	Ratio	Lower	Upper
164	100		
162	102.8	87.7	131.5
160	45.4	37.2	55.8



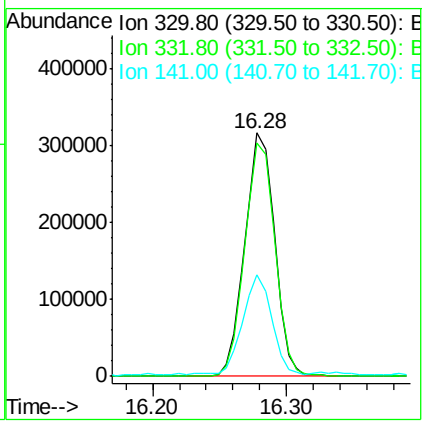


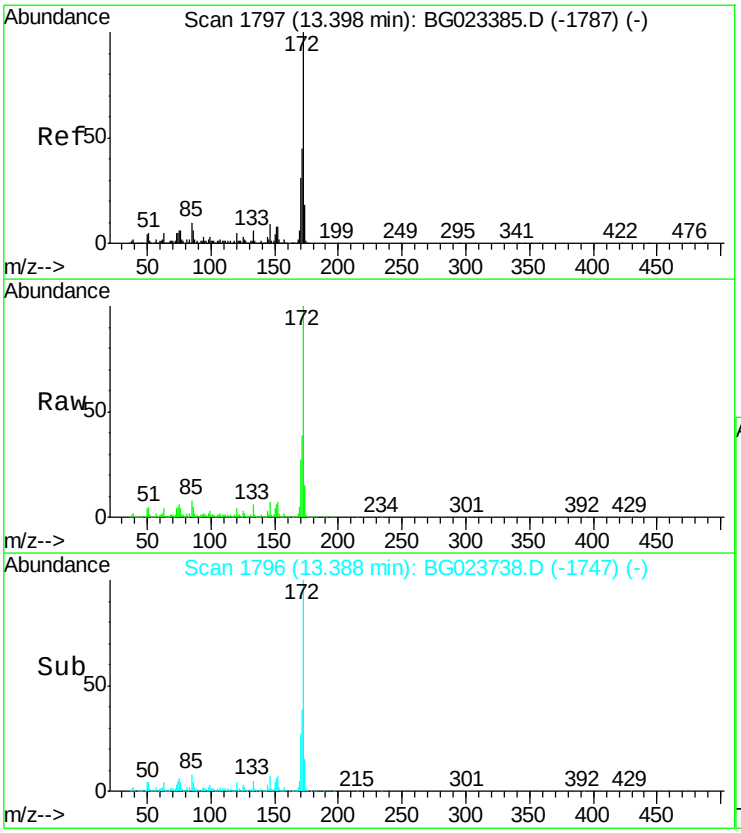
#41
2,4,6-Tribromophenol
Concen: 111.89 ng
RT: 16.28 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG023738.D
Acq: 16 Aug 2016 21:49

Instrument :
BNA_G
ClientSampleId :
IW-1

Tgt Ion:330 Resp: 487480

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.2
141	39.5	31.7	47.5

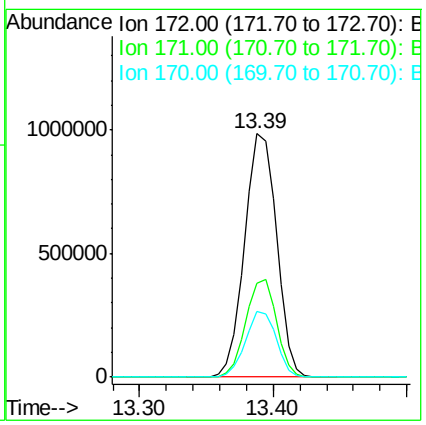


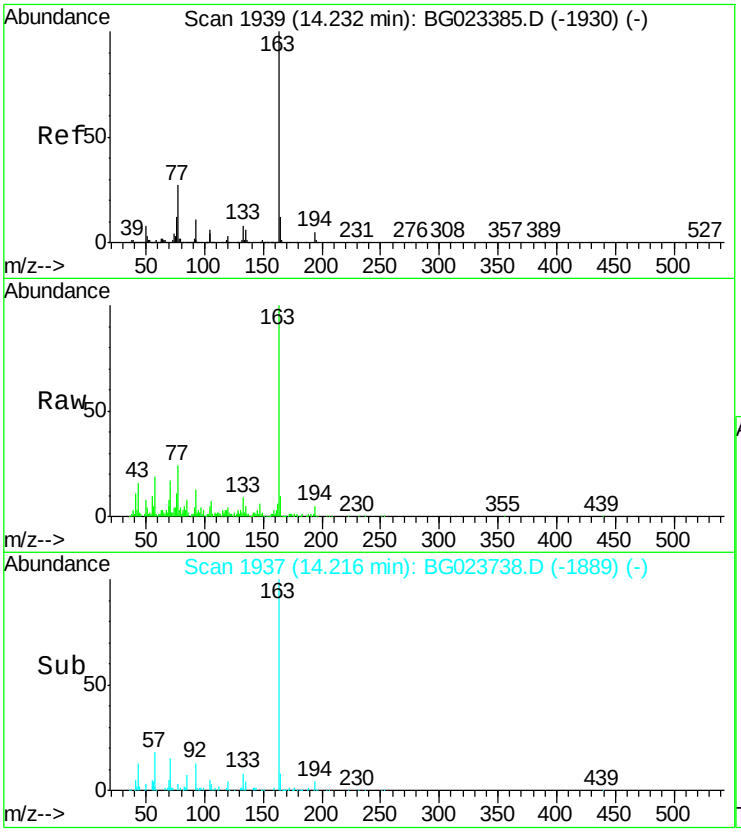


#44
2-Fluorobiphenyl
Concen: 91.96 ng
RT: 13.39 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BG023738.D
Acq: 16 Aug 2016 21:49

Tgt Ion:172 Resp: 1623882

Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.6	47.4
170	26.8	21.3	31.9



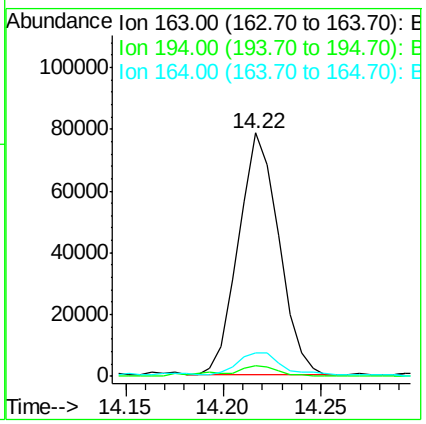


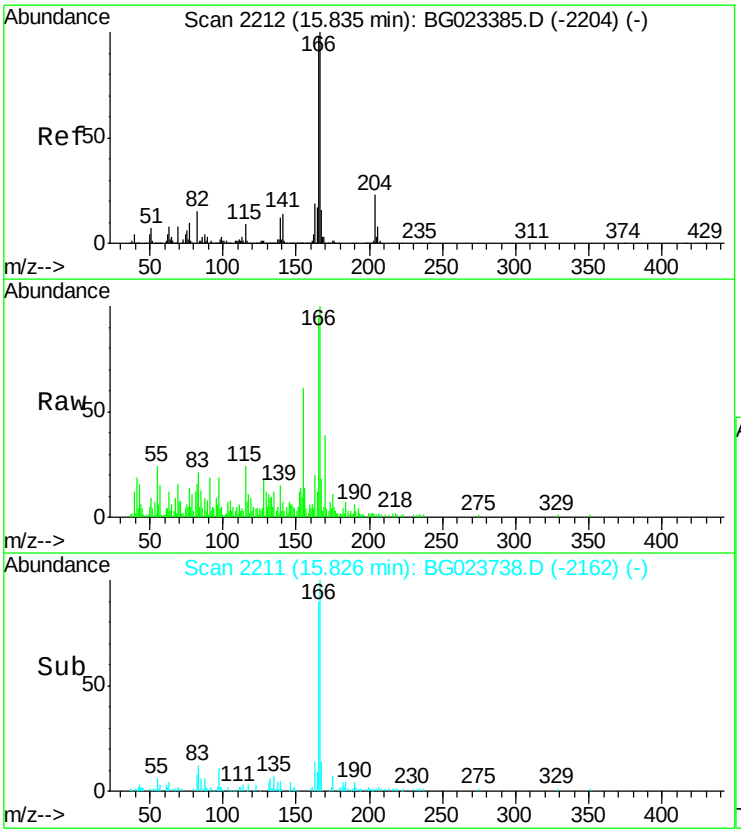
#49
Dimethylphthalate
Concen: 4.92 ng
RT: 14.22 min Scan# 1937
Delta R.T. -0.02 min
Lab File: BG023738.D
Acq: 16 Aug 2016 21:49

Instrument :
BNA_G
ClientSampleId :
IW-1

Tgt Ion:163 Resp: 112489

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	9.8	8.1	12.1

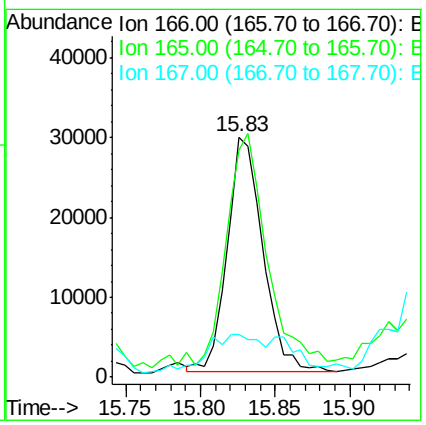


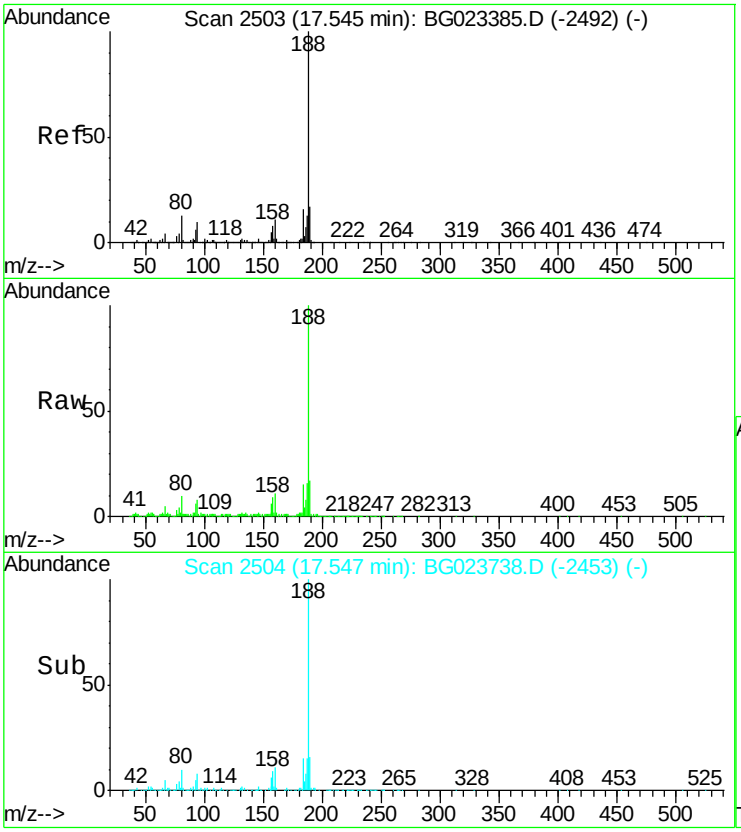


#57
Fluorene
Concen: 2.17 ng
RT: 15.83 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BG023738.D
Acq: 16 Aug 2016 21:49

Tgt Ion:166 Resp: 48568

Ion	Ratio	Lower	Upper
166	100		
165	94.6	81.0	121.6
167	17.8	12.0	18.0



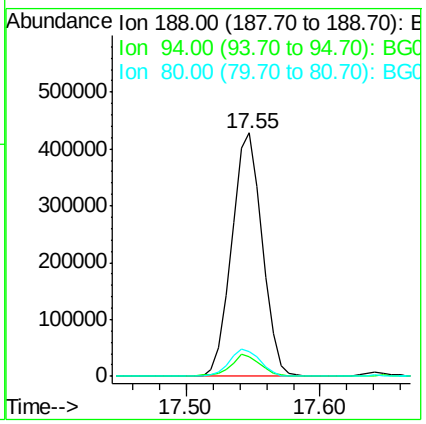


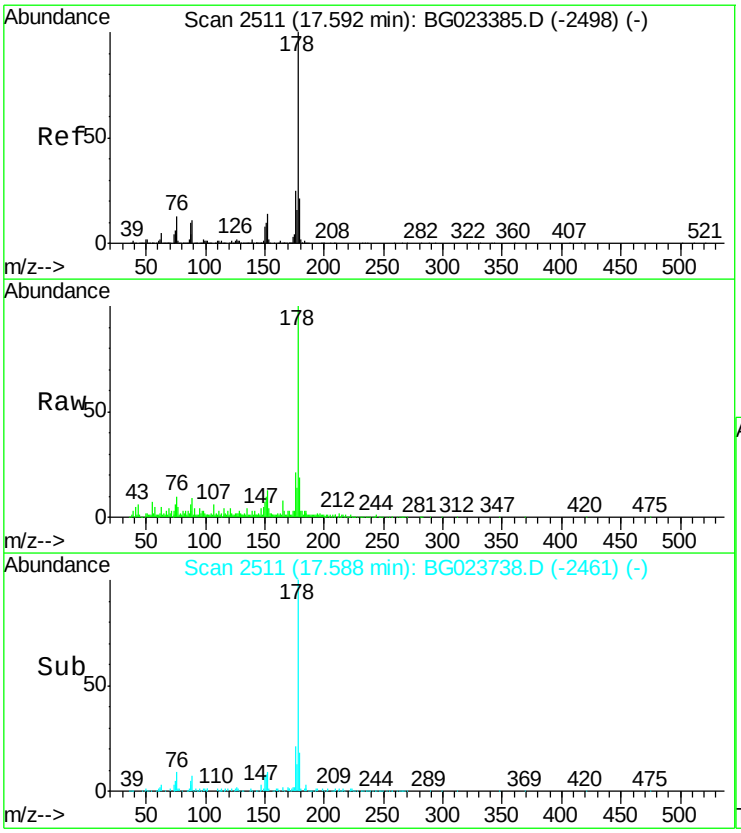
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG023738.D
Acq: 16 Aug 2016 21:49

Instrument :
BNA_G
ClientSampleId :
IW-1

Tgt Ion:188 Resp: 672924

Ion	Ratio	Lower	Upper
188	100		
94	8.1	5.2	7.8#
80	10.1	7.2	10.8

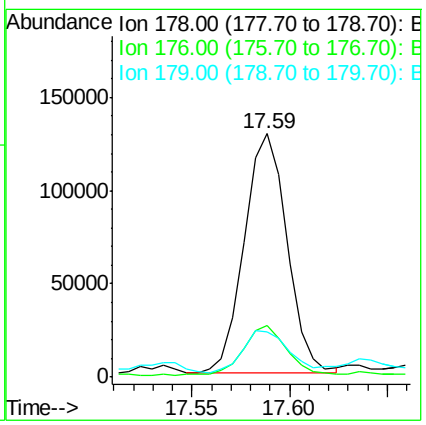


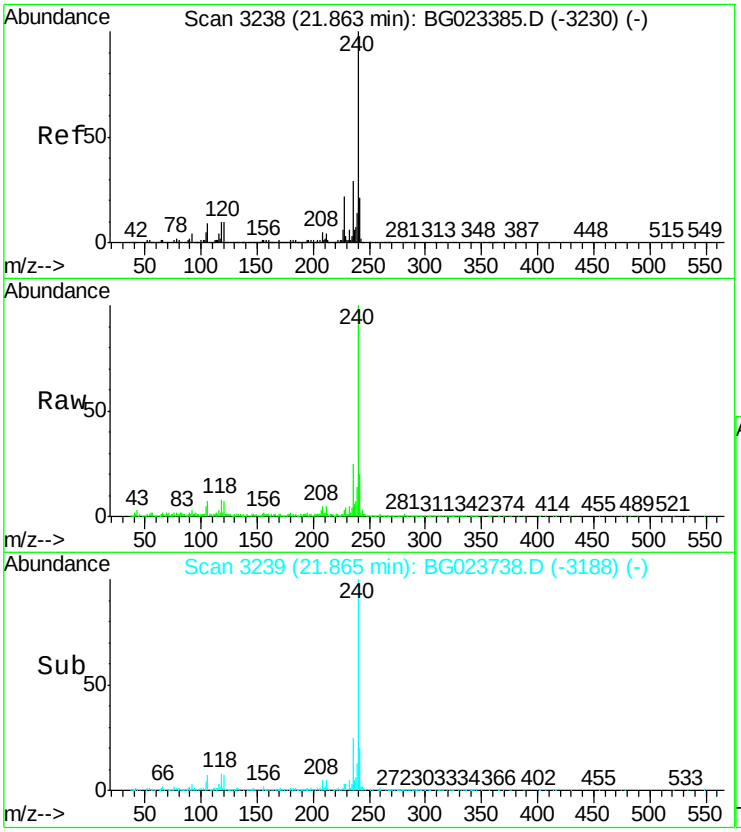


#70
Phenanthrene
Concen: 5.71 ng
RT: 17.59 min Scan# 2511
Delta R.T. -0.00 min
Lab File: BG023738.D
Acq: 16 Aug 2016 21:49

Tgt Ion:178 Resp: 195110

Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.8	25.2
179	18.8	14.3	21.5



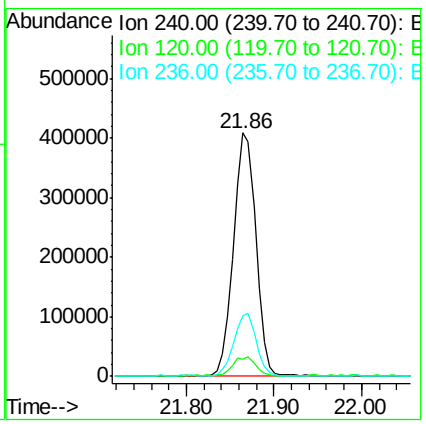


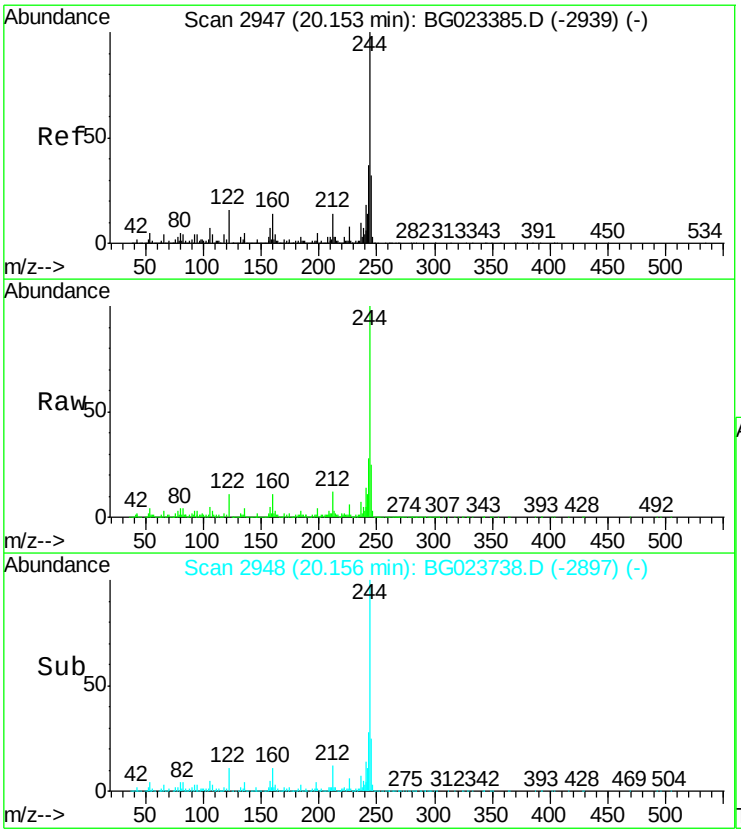
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3239
Delta R.T. 0.00 min
Lab File: BG023738.D
Acq: 16 Aug 2016 21:49

Instrument :
BNA_G
ClientSampleId :
IW-1

Tgt Ion:240 Resp: 699619

Ion	Ratio	Lower	Upper
240	100		
120	7.2	4.1	6.1#
236	25.0	21.1	31.7

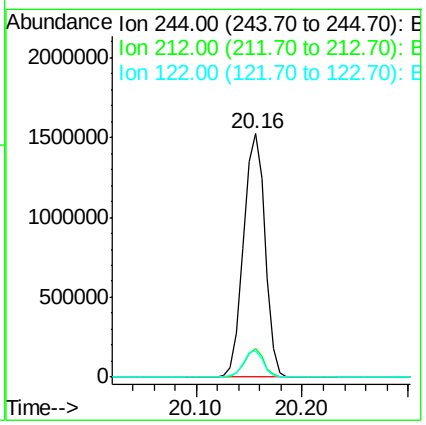


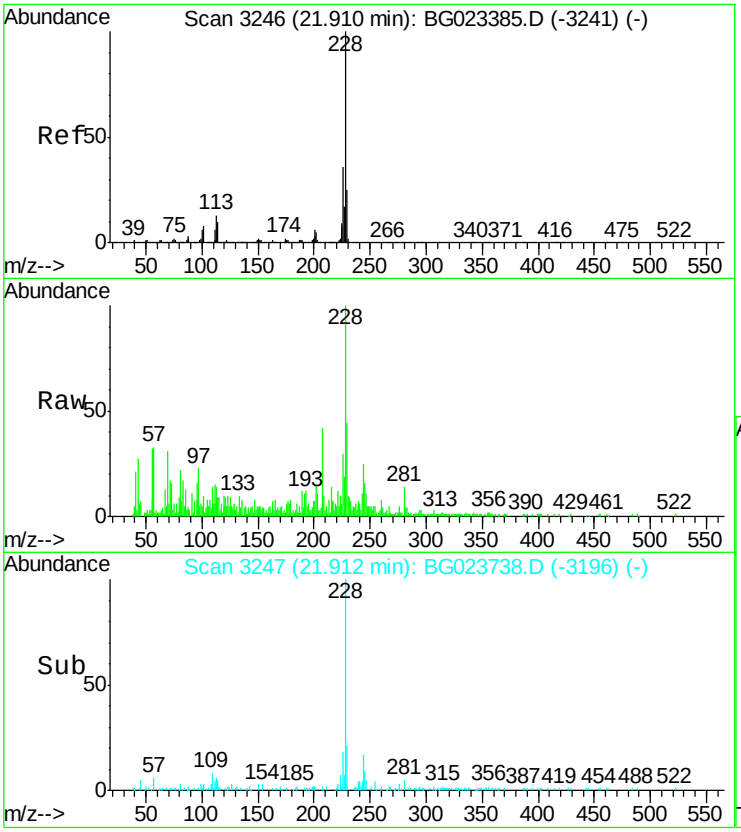


#78
Terphenyl-d14
Concen: 99.72 ng
RT: 20.16 min Scan# 2948
Delta R.T. 0.00 min
Lab File: BG023738.D
Acq: 16 Aug 2016 21:49

Tgt Ion:244 Resp: 2155192

Ion	Ratio	Lower	Upper
244	100		
212	11.7	10.8	16.2
122	10.6	8.0	12.0



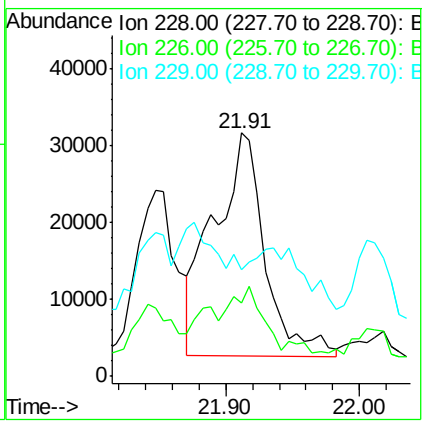


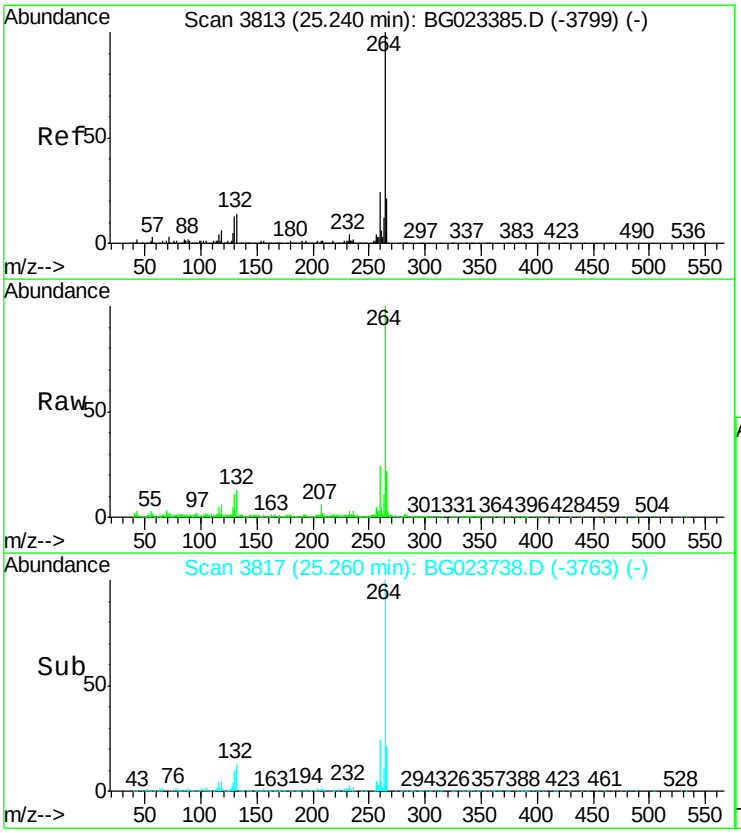
#82
Chrysene
Concen: 2.10 ng
RT: 21.91 min Scan# 3247
Delta R.T. 0.00 min
Lab File: BG023738.D
Acq: 16 Aug 2016 21:49

Instrument :
BNA_G
ClientSampleId :
IW-1

Tgt Ion:228 Resp: 77257

Ion	Ratio	Lower	Upper
228	100		
226	30.3	26.7	40.1
229	43.8	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.26 min Scan# 3817
Delta R.T. 0.02 min
Lab File: BG023738.D
Acq: 16 Aug 2016 21:49

Tgt Ion:264 Resp: 706452

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	21.7	18.9	28.3