Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081516\
Data File : BG023727.D
Acq On : 15 Aug 2016 19:06
Operator : UM/SJ
Sample : H4422-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IW-1

Quant Time: Aug 16 01:20:00 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	8.11	152	124970	20.00	ng		-0.01
21) Naphthalene-d8	10.94	136	589591	20.00	ng		-0.01
38) Acenaphthene-d10	14.78	164	407898	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	823238	20.00	ng		0.00
75) Chrysene-d12	21.87	240	702204	20.00	ng		0.00
86) Perylene-d12	25.28	264	731677	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	762201	102.66	ng		-0.01
7) Phenol-d6	7.27	99	979816	84.73	ng		0.00
23) Nitrobenzene-d5	9.29	82	1080590	91.12	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	629309	105.48	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	2088336	86.35	ng		0.00
78) Terphenyl-d14	20.16	244	2175451	100.42	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.99	128	249665	8.32	ng		99
37) 2-Methylnaphthalene	12.60	142	381703	16.72	ng		93
49) Dimethylphthalate	14.22	163	155022	4.95	ng		97
57) Fluorene	15.83	166	65476	2.14	ng		98
70) Phenanthrene	17.60	178	240666	5.76	ng		97
82) Chrysene	21.92	228	81194	2.20	ng	#	75

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081516\
Data File : BG023727.D
Acq On : 15 Aug 2016 19:06
Operator : UM/SJ
Sample : H4422-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IW-1

Quant Time: Aug 16 01:20:00 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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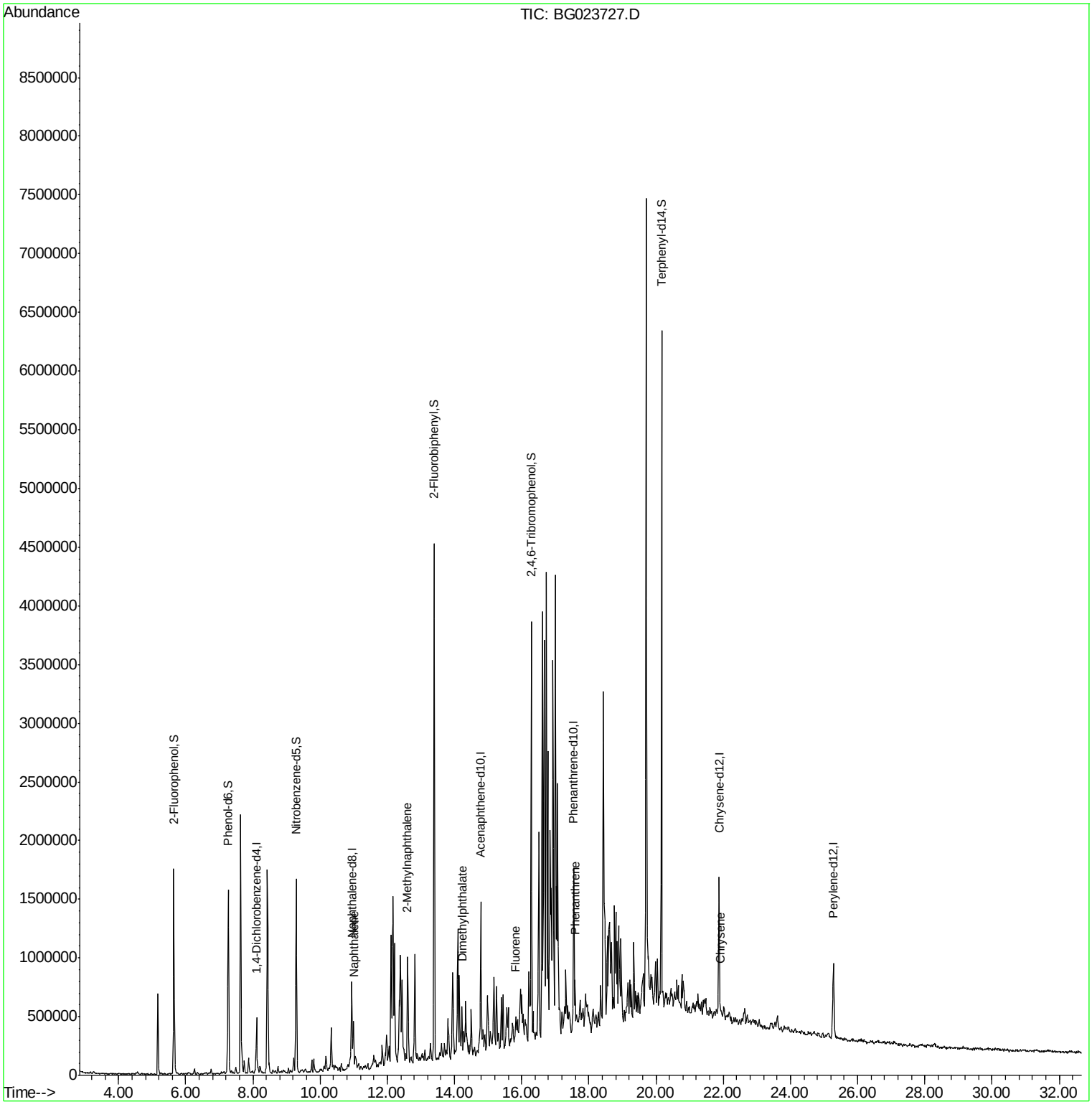
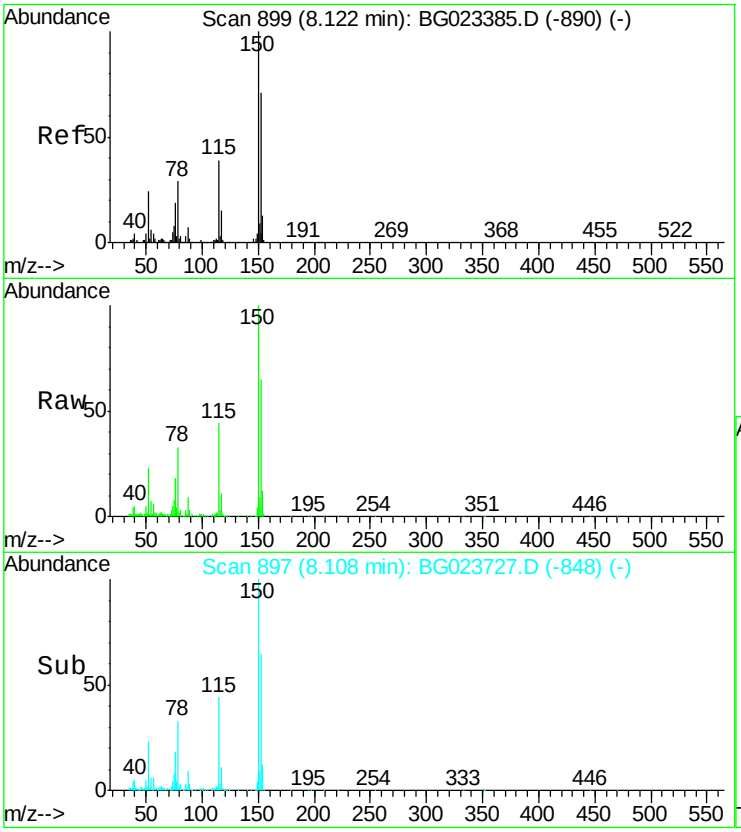


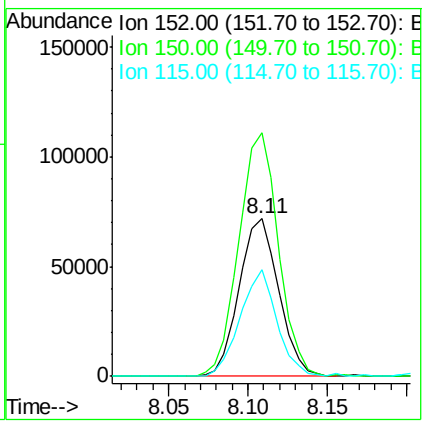


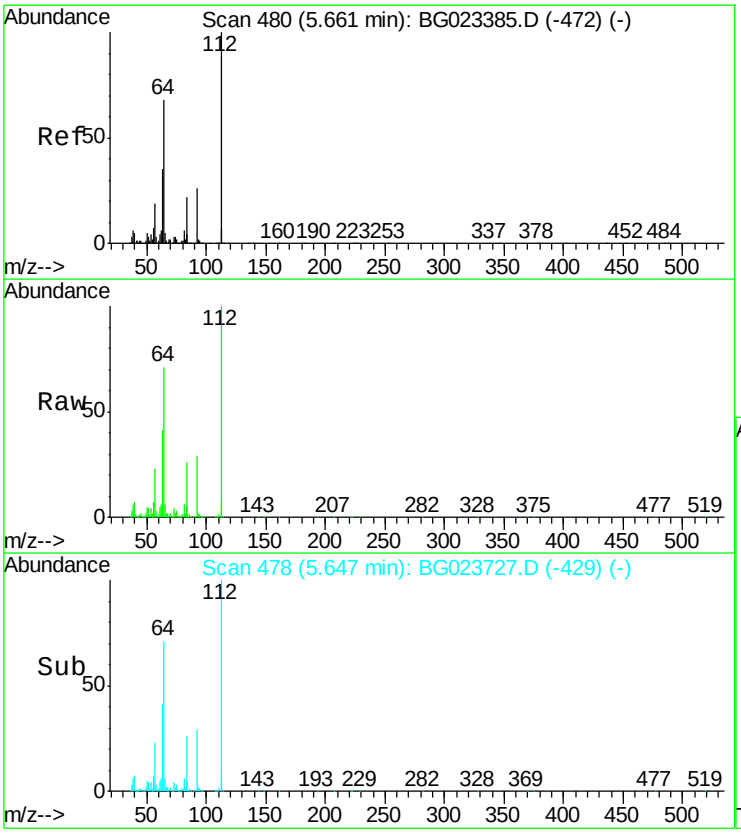
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG023727.D
Acq: 15 Aug 2016 19:06

Instrument :
BNA_G
ClientSampleId :
IW-1

Tgt Ion:152 Resp: 124970

Ion	Ratio	Lower	Upper
152	100		
150	154.4	144.7	217.1
115	67.3	64.0	96.0

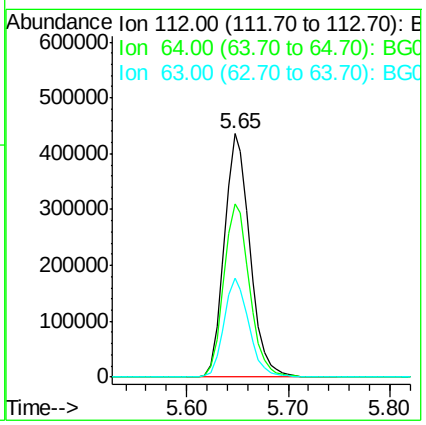


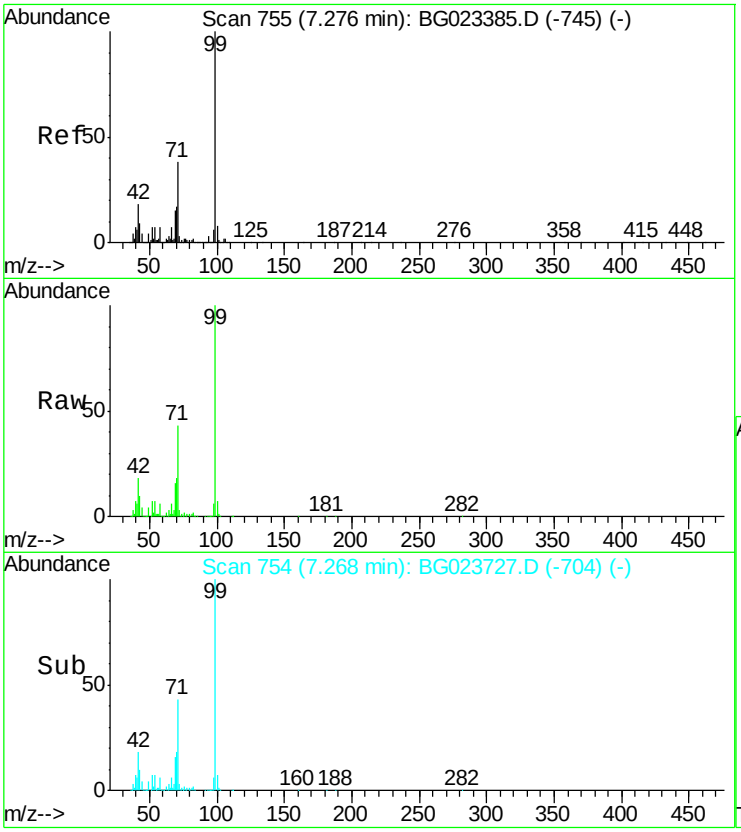


#5
2-Fluorophenol
Concen: 102.66 ng
RT: 5.65 min Scan# 478
Delta R.T. -0.01 min
Lab File: BG023727.D
Acq: 15 Aug 2016 19:06

Tgt Ion:112 Resp: 762201

Ion	Ratio	Lower	Upper
112	100		
64	71.3	59.0	88.4
63	40.8	37.8	56.8



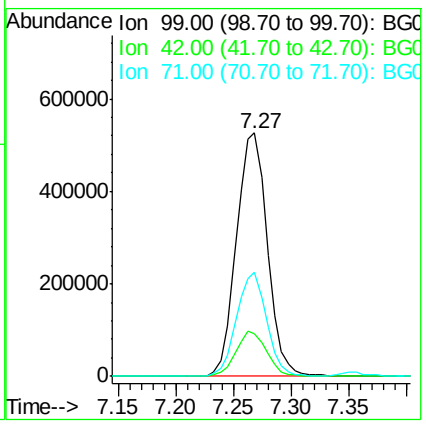


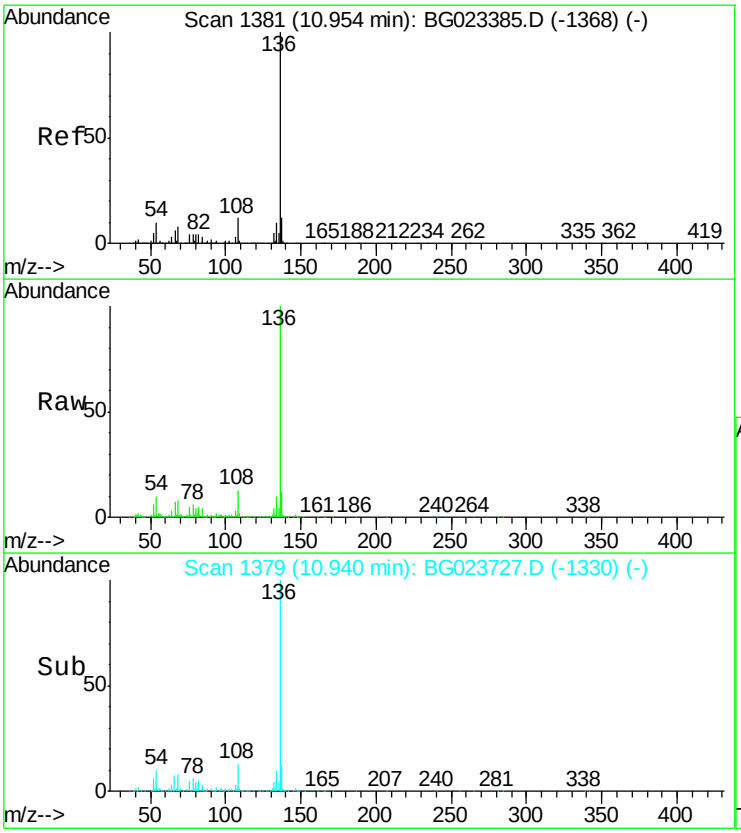
#7
Phenol-d6
Concen: 84.73 ng
RT: 7.27 min Scan# 754
Delta R.T. -0.01 min
Lab File: BG023727.D
Acq: 15 Aug 2016 19:06

Instrument :
BNA_G
ClientSampleId :
IW-1

Tgt Ion: 99 Resp: 979816

Ion	Ratio	Lower	Upper
99	100		
42	17.7	17.8	26.6#
71	42.9	41.5	62.3

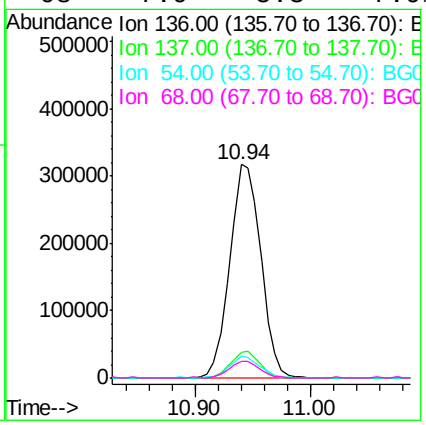


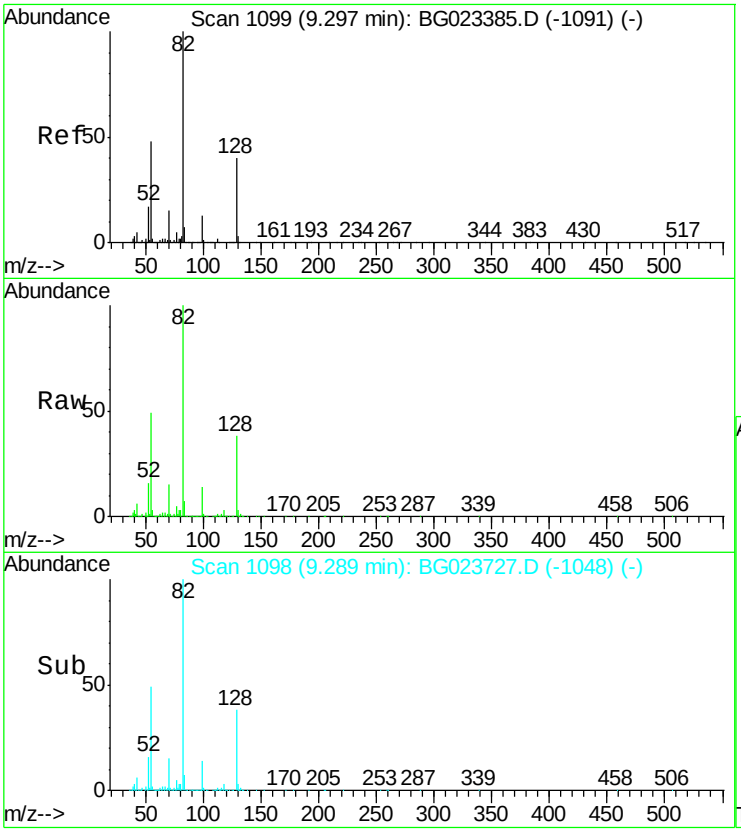


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BG023727.D
Acq: 15 Aug 2016 19:06

Tgt Ion:136 Resp: 589591

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	10.0	7.3	10.9
68	7.9	5.3	7.9#



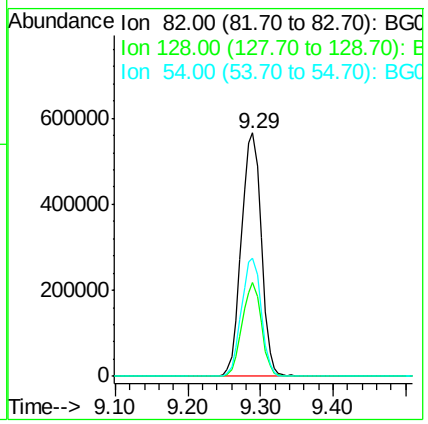


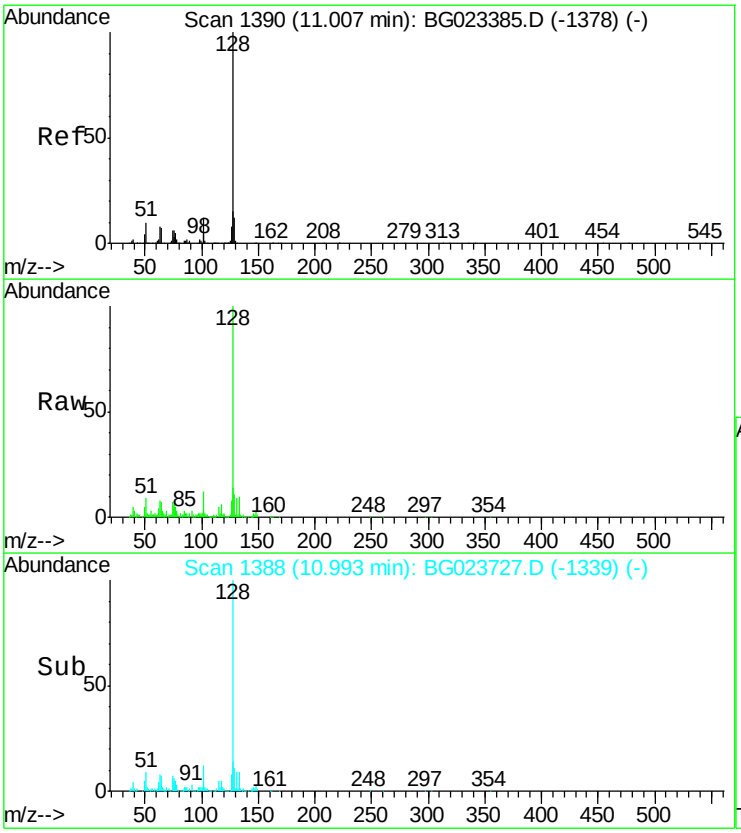
#23
Nitrobenzene-d5
Concen: 91.12 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BG023727.D
Acq: 15 Aug 2016 19:06

Instrument :
BNA_G
ClientSampleId :
IW-1

Tgt Ion: 82 Resp: 1080590

Ion	Ratio	Lower	Upper
82	100		
128	38.3	24.4	36.6#
54	48.7	41.4	62.0

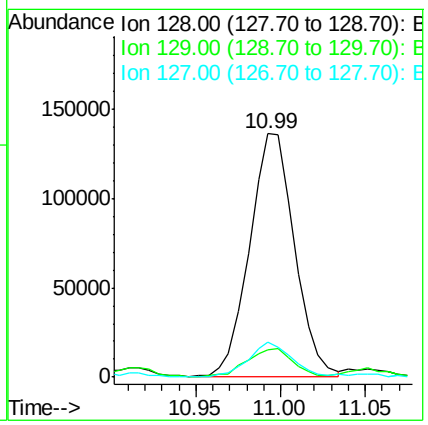


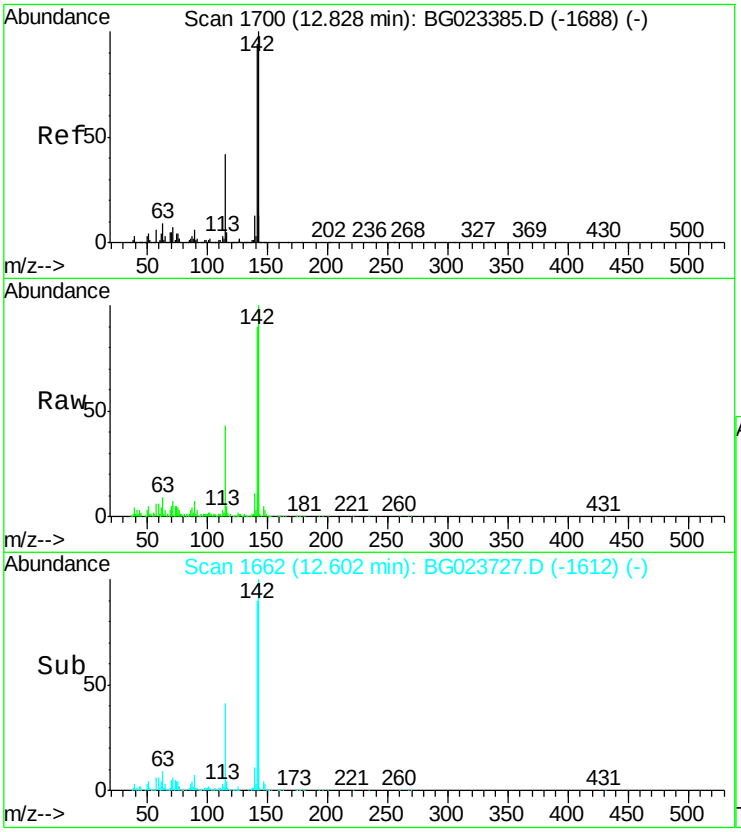


#31
Naphthalene
Concen: 8.32 ng
RT: 10.99 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BG023727.D
Acq: 15 Aug 2016 19:06

Tgt Ion:128 Resp: 249665

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.0
127	14.3	11.3	16.9



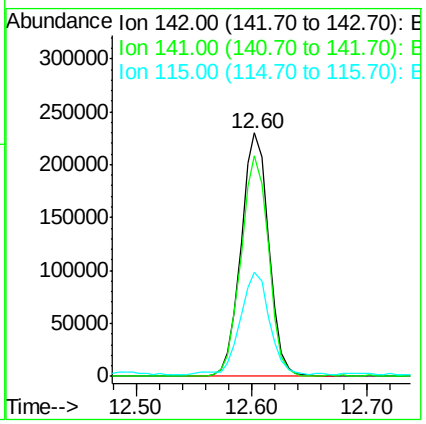


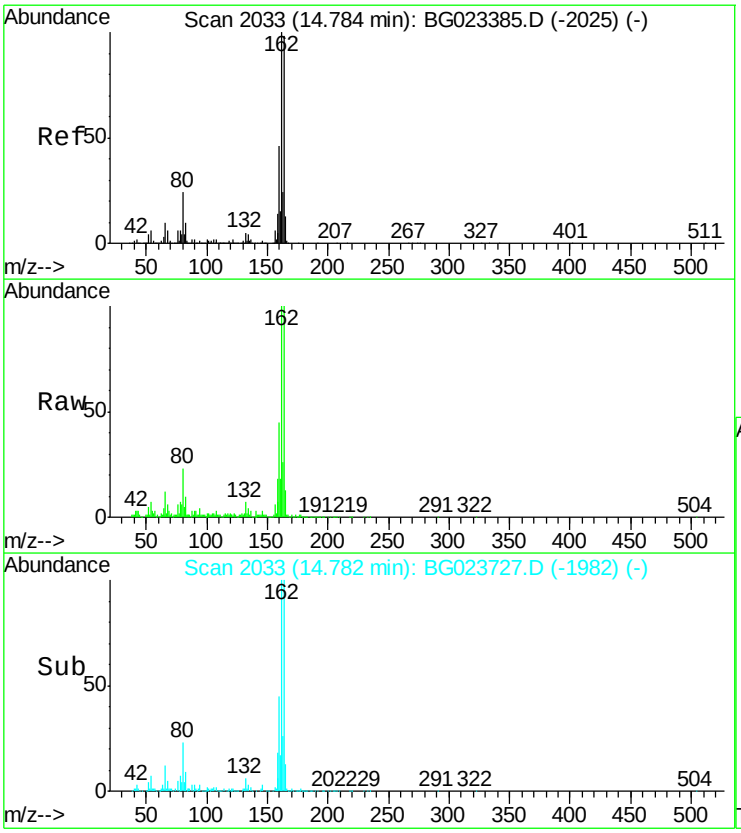
#37
2-Methylnaphthalene
Concen: 16.72 ng
RT: 12.60 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BG023727.D
Acq: 15 Aug 2016 19:06

Instrument :
BNA_G
ClientSampleId :
IW-1

Tgt Ion:142 Resp: 381703

Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.2	105.2
115	42.6	41.7	62.5

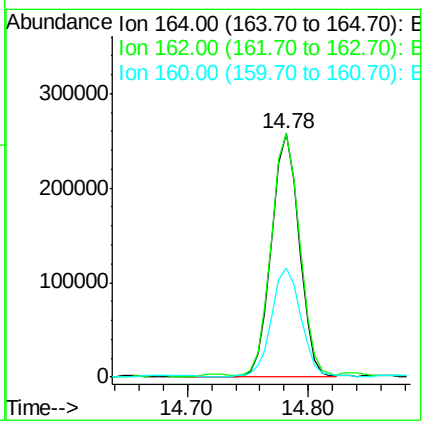


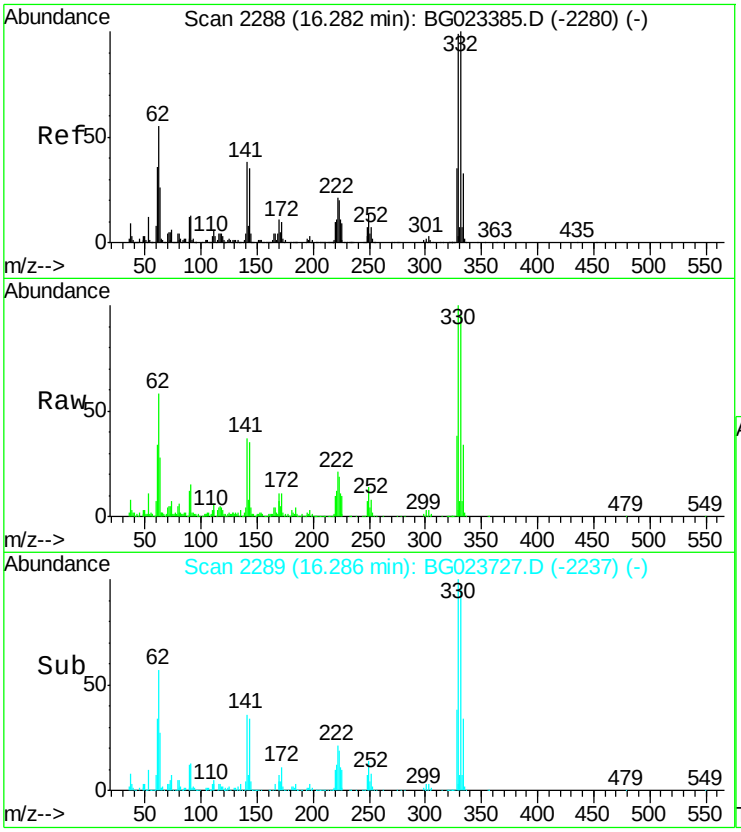


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG023727.D
Acq: 15 Aug 2016 19:06

Tgt Ion:164 Resp: 407898

Ion	Ratio	Lower	Upper
164	100		
162	100.1	87.7	131.5
160	44.8	37.2	55.8



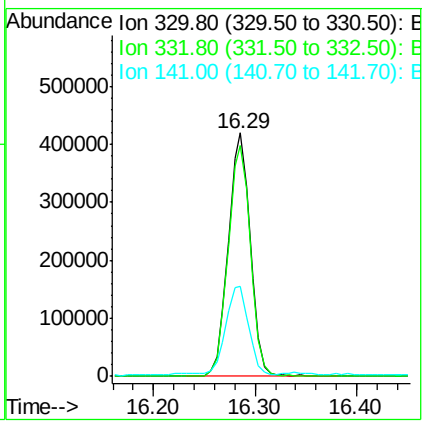


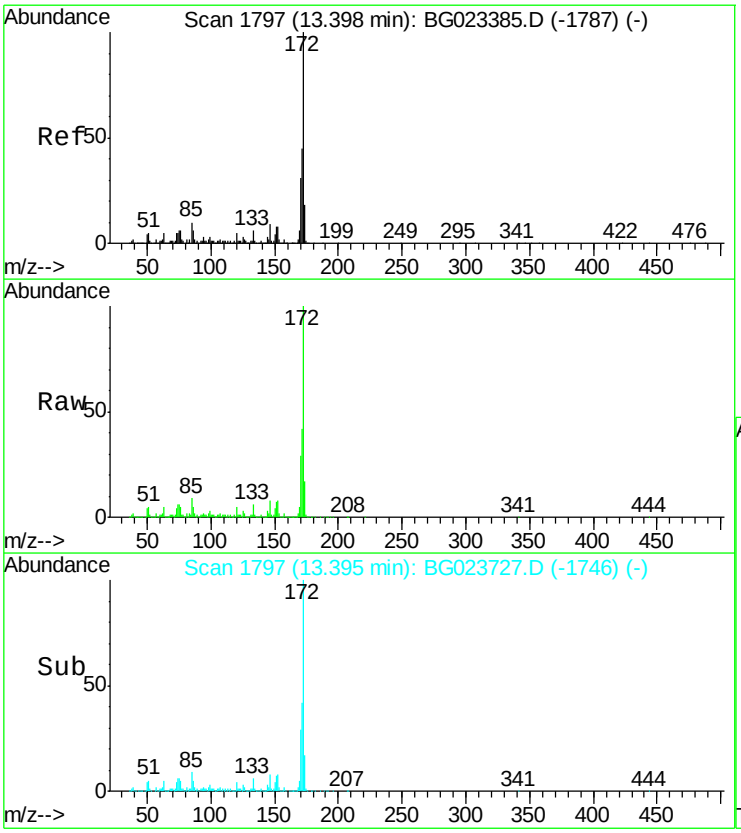
#41
2,4,6-Tribromophenol
Concen: 105.48 ng
RT: 16.29 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG023727.D
Acq: 15 Aug 2016 19:06

Instrument :
BNA_G
ClientSampleId :
IW-1

Tgt Ion:330 Resp: 629309

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	38.0	31.7	47.5

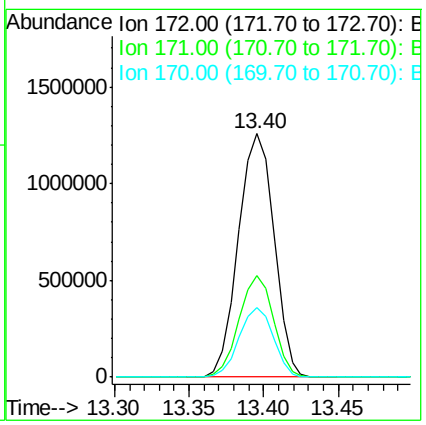


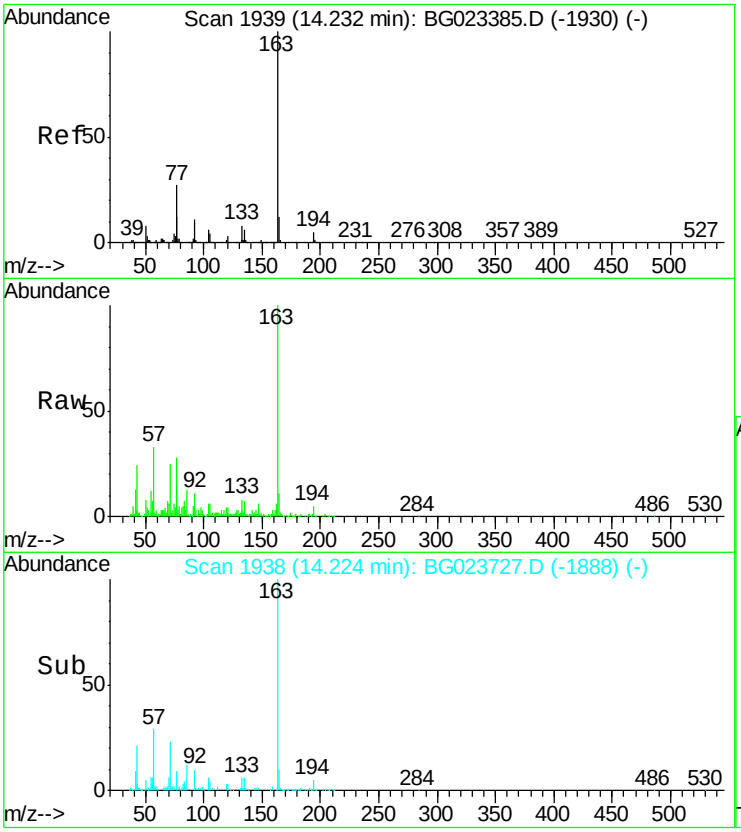


#44
2-Fluorobiphenyl
Concen: 86.35 ng
RT: 13.40 min Scan# 1797
Delta R.T. -0.00 min
Lab File: BG023727.D
Acq: 15 Aug 2016 19:06

Tgt Ion:172 Resp: 2088336

Ion	Ratio	Lower	Upper
172	100		
171	41.9	31.6	47.4
170	28.7	21.3	31.9



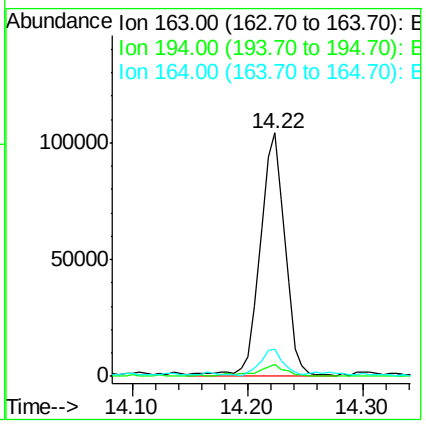


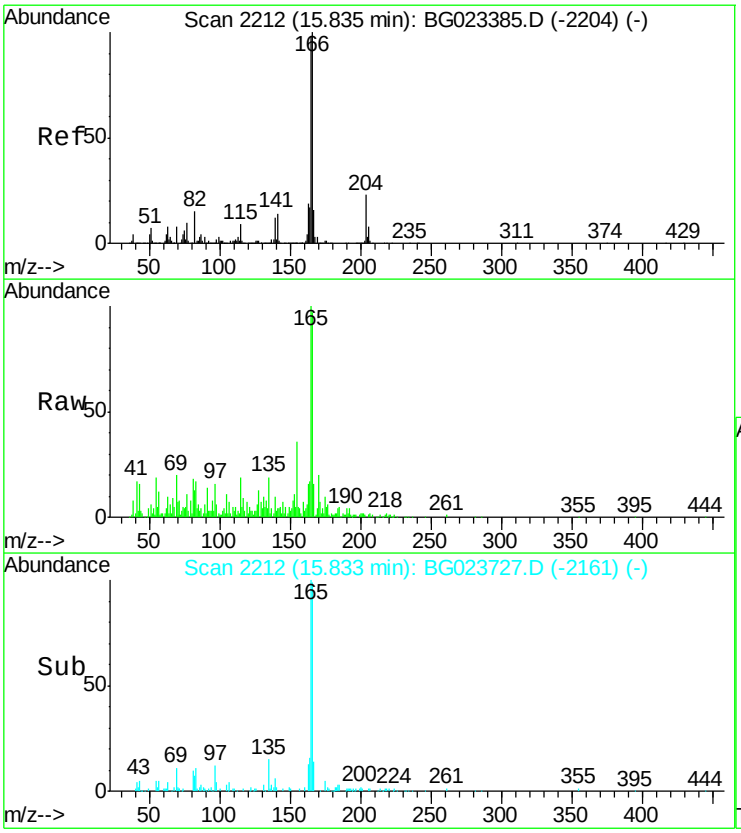
#49
Dimethylphthalate
Concen: 4.95 ng
RT: 14.22 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG023727.D
Acq: 15 Aug 2016 19:06

Instrument :
BNA_G
ClientSampleId :
IW-1

Tgt Ion:163 Resp: 155022

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.6	5.4
164	11.4	8.1	12.1

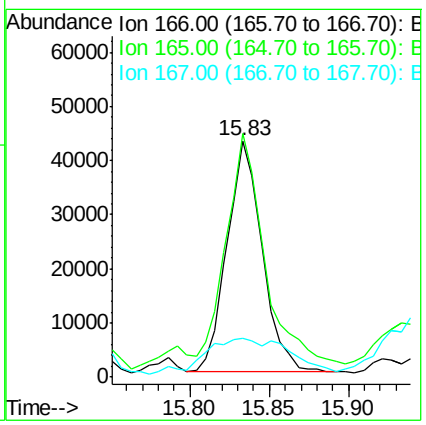


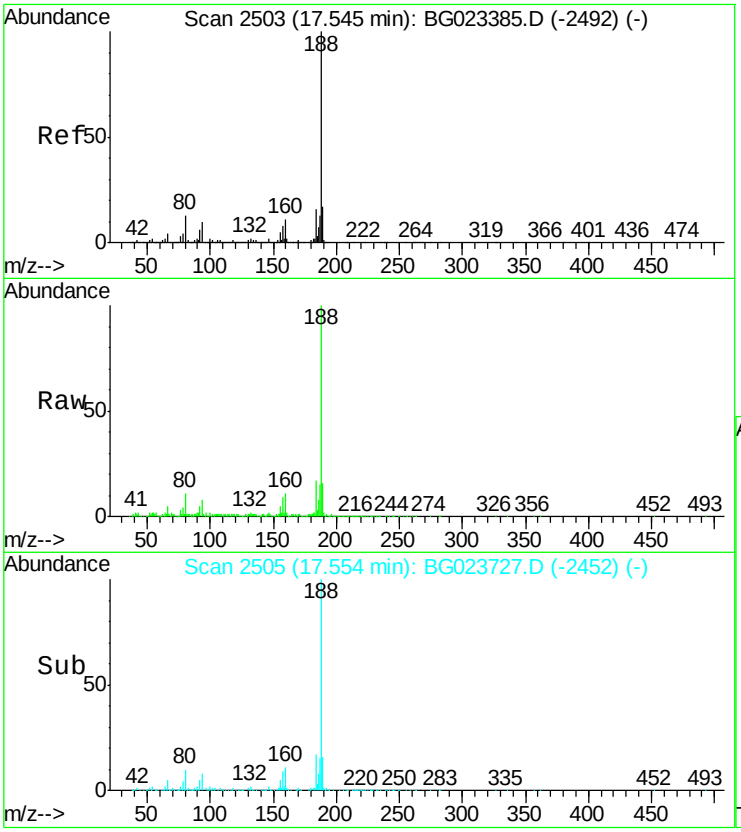


#57
Fluorene
Concen: 2.14 ng
RT: 15.83 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BG023727.D
Acq: 15 Aug 2016 19:06

Tgt Ion:166 Resp: 65476

Ion	Ratio	Lower	Upper
166	100		
165	103.2	81.0	121.6
167	16.4	12.0	18.0



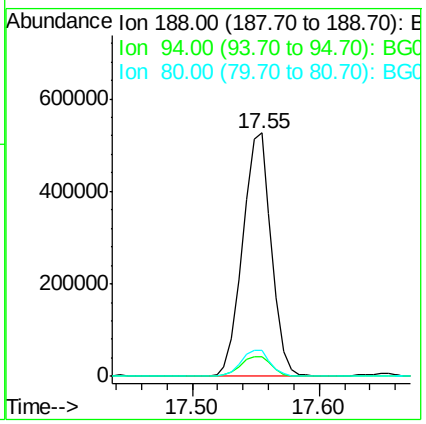


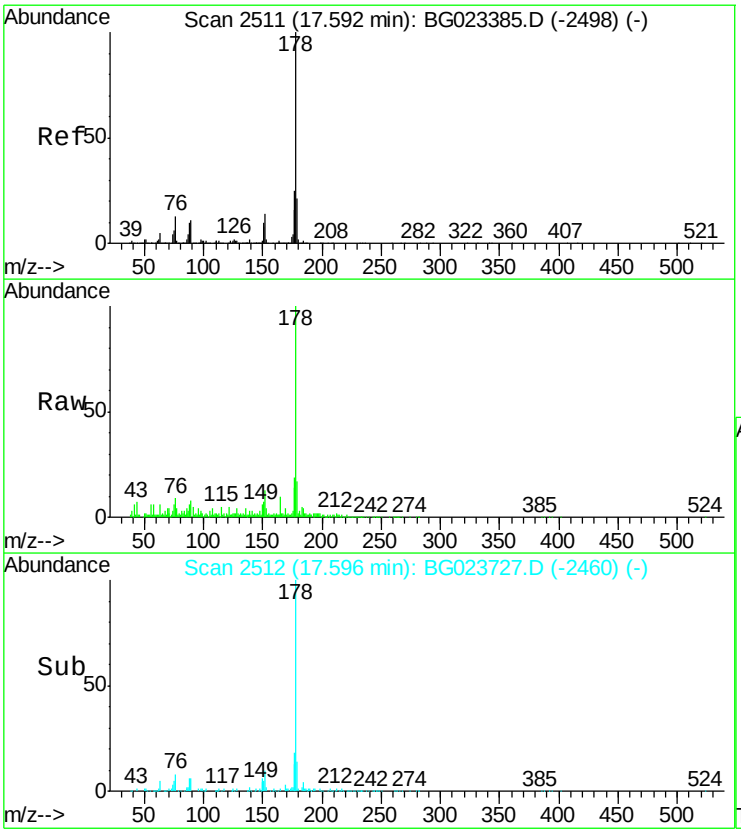
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG023727.D
Acq: 15 Aug 2016 19:06

Instrument :
BNA_G
ClientSampleId :
IW-1

Tgt Ion:188 Resp: 823238

Ion	Ratio	Lower	Upper
188	100		
94	8.1	5.2	7.8#
80	10.6	7.2	10.8

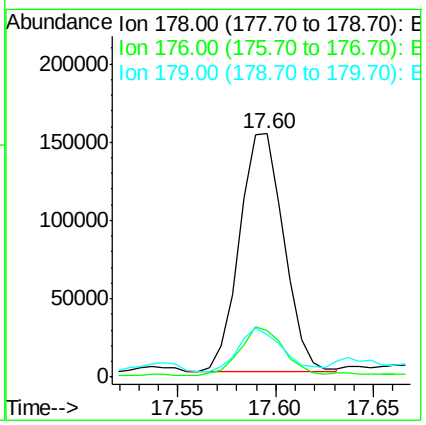


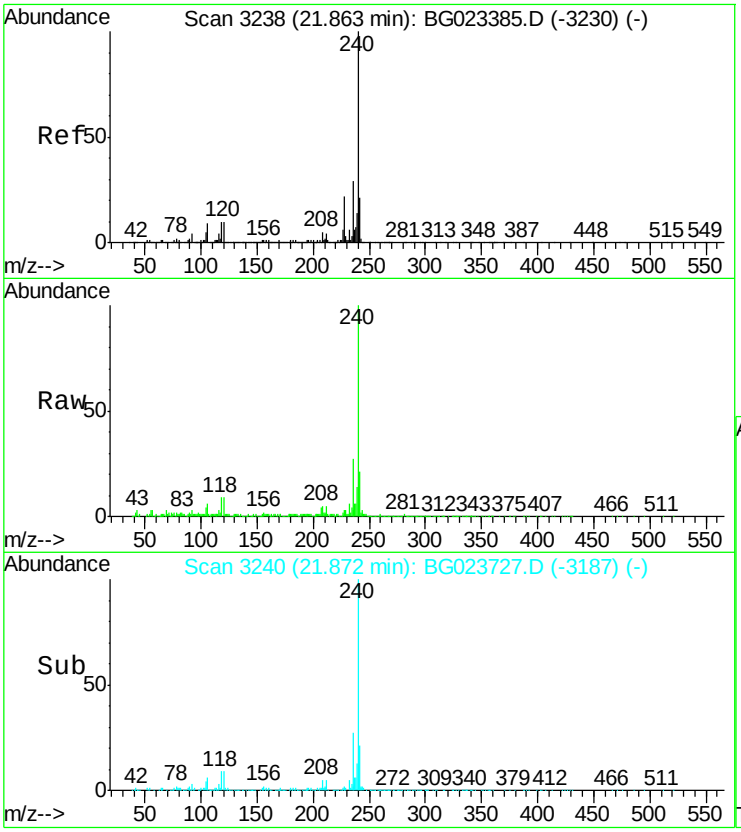


#70
Phenanthrene
Concen: 5.76 ng
RT: 17.60 min Scan# 2512
Delta R.T. 0.00 min
Lab File: BG023727.D
Acq: 15 Aug 2016 19:06

Tgt Ion:178 Resp: 240666

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.8	25.2
179	17.3	14.3	21.5



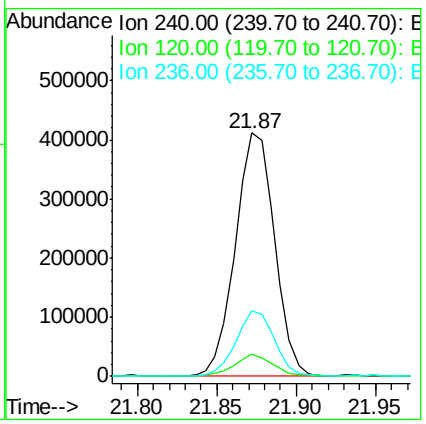


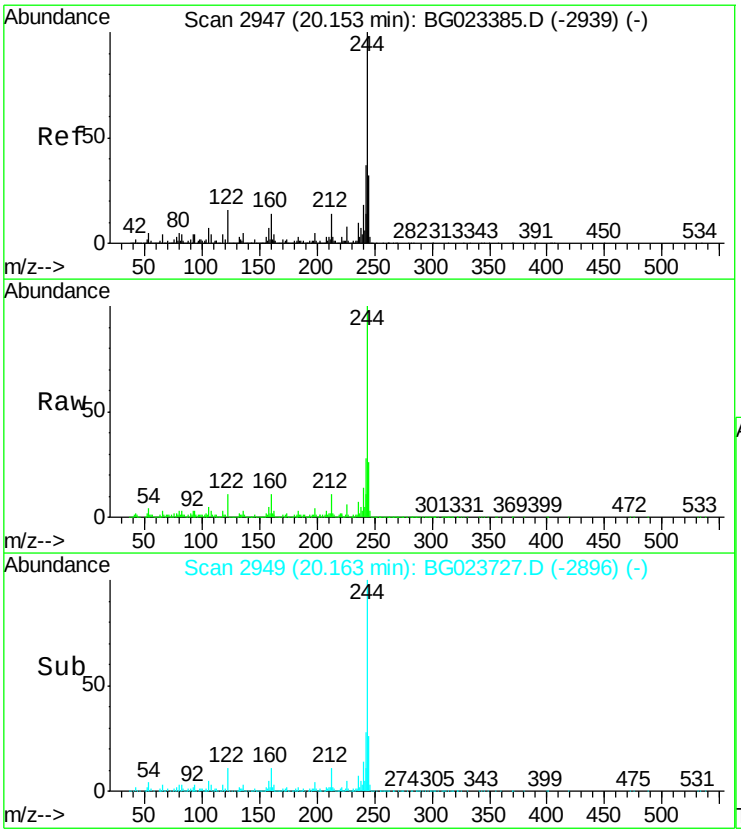
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3240
Delta R.T. 0.01 min
Lab File: BG023727.D
Acq: 15 Aug 2016 19:06

Instrument :
BNA_G
ClientSampleId :
IW-1

Tgt Ion:240 Resp: 702204

Ion	Ratio	Lower	Upper
240	100		
120	8.9	4.1	6.1#
236	26.8	21.1	31.7

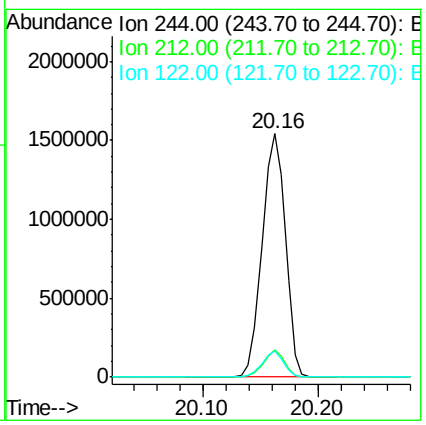


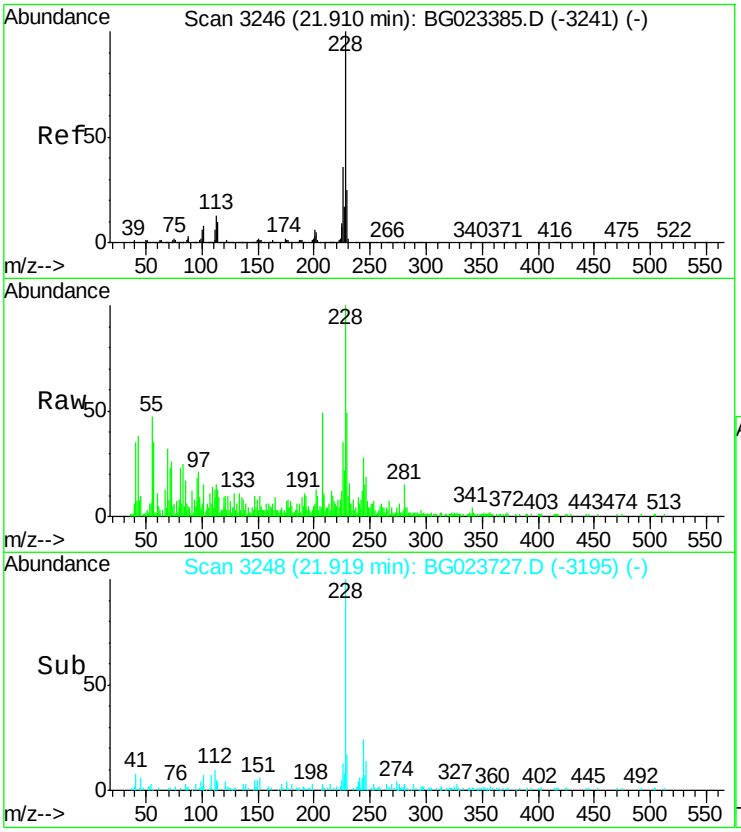


#78
Terphenyl-d14
Concen: 100.42 ng
RT: 20.16 min Scan# 2949
Delta R.T. 0.01 min
Lab File: BG023727.D
Acq: 15 Aug 2016 19:06

Tgt Ion:244 Resp: 2175451

Ion	Ratio	Lower	Upper
244	100		
212	11.3	10.8	16.2
122	10.9	8.0	12.0



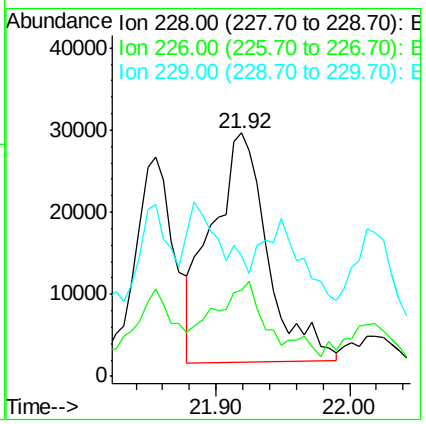


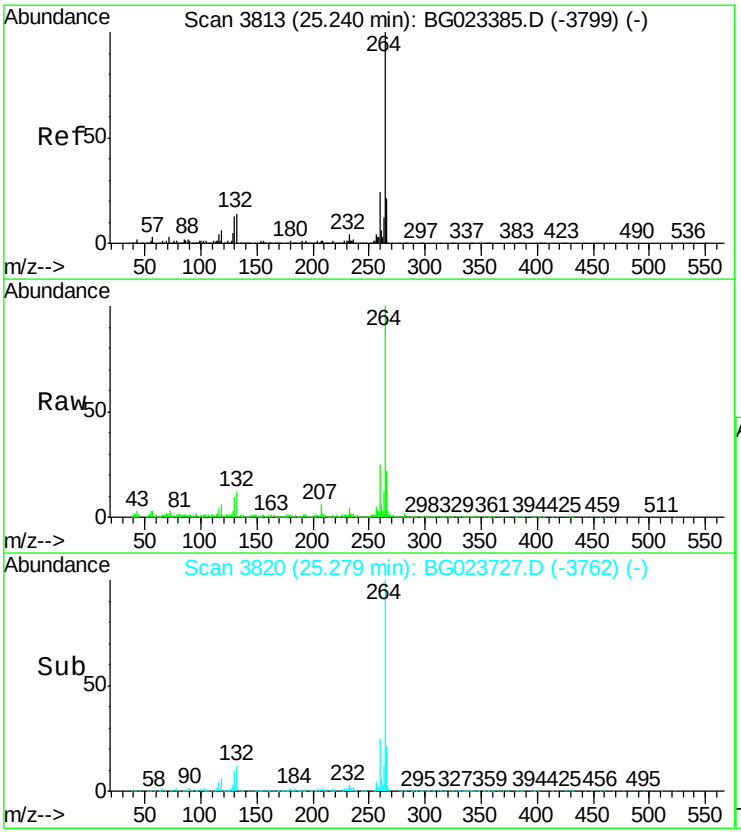
#82
Chrysene
Concen: 2.20 ng
RT: 21.92 min Scan# 3248
Delta R.T. 0.01 min
Lab File: BG023727.D
Acq: 15 Aug 2016 19:06

Instrument :
BNA_G
ClientSampleId :
IW-1

Tgt Ion:228 Resp: 81194

Ion	Ratio	Lower	Upper
228	100		
226	35.2	26.7	40.1
229	49.4	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.28 min Scan# 3820
Delta R.T. 0.04 min
Lab File: BG023727.D
Acq: 15 Aug 2016 19:06

Tgt Ion:264 Resp: 731677

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.4	27.6
265	21.9	18.9	28.3