Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080216\
Data File : BG023415.D
Acq On : 3 Aug 2016 3:42
Operator : UM/SJ
Sample : H4288-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-DUP-03-072816

Quant Time: Aug 03 06:49:38 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	102670	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	495600	20.00	ng		0.00
38) Acenaphthene-d10	14.78	164	398407	20.00	ng		0.00
63) Phenanthrene-d10	17.54	188	1091229	20.00	ng		0.00
75) Chrysene-d12	21.86	240	982284	20.00	ng		0.00
86) Perylene-d12	25.24	264	984145	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	991807	162.61	ng		0.00
7) Phenol-d6	7.28	99	1597988	168.21	ng		0.00
23) Nitrobenzene-d5	9.30	82	1012082	101.53	ng		0.00
41) 2,4,6-Tribromophenol	16.28	330	1016965	174.51	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	2070517	87.66	ng		0.00
78) Terphenyl-d14	20.15	244	2923432	95.50	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.27	77	3132	Below Cal		#	8
32) Benzoic acid	10.26	122	147	6.46	ng	#	1
49) Dimethylphthalate	14.22	163	460865	15.08	ng		98
73) Di-n-butylphthalate	18.49	149	6615	Below Cal		#	90
74) Fluoranthene	19.84	202	276	Below Cal			64
77) Pyrene	19.97	202	1170	Below Cal		#	67

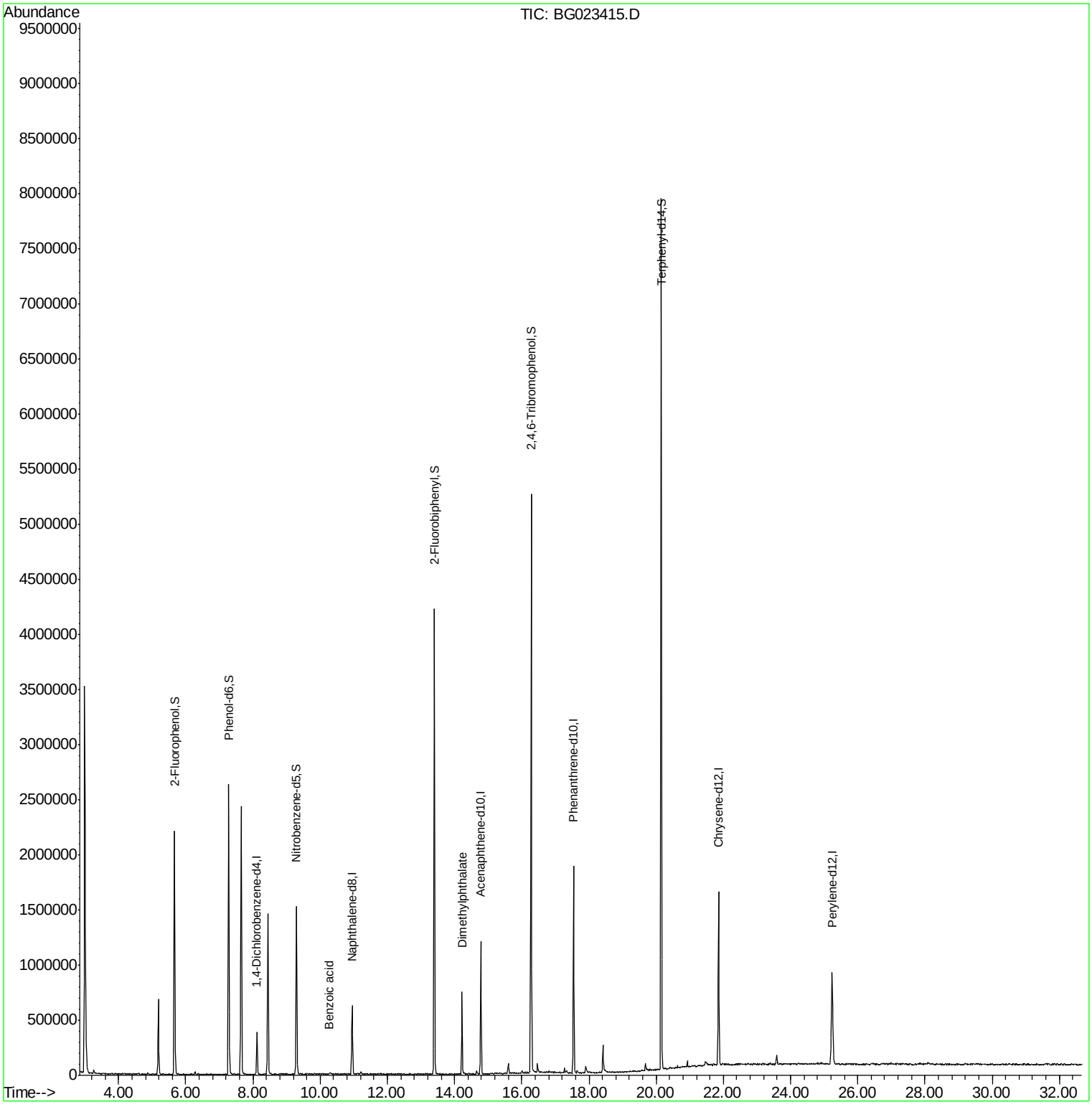
(#) = qualifier out of range (m) = manual integration (+) = signals summed

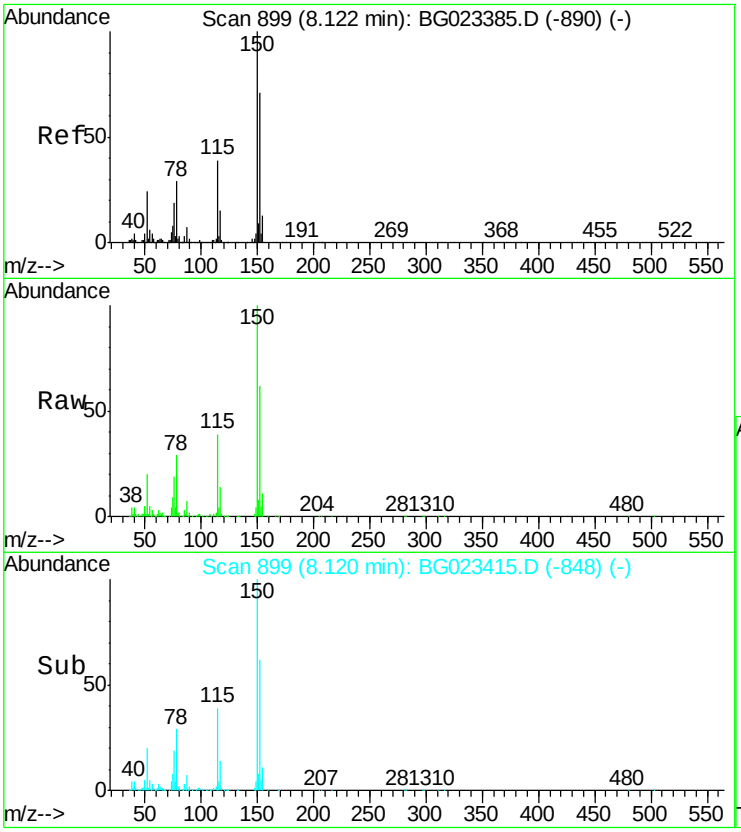
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080216\
Data File : BG023415.D
Acq On : 3 Aug 2016 3:42
Operator : UM/SJ
Sample : H4288-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-DUP-03-072816

Quant Time: Aug 03 06:49:38 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



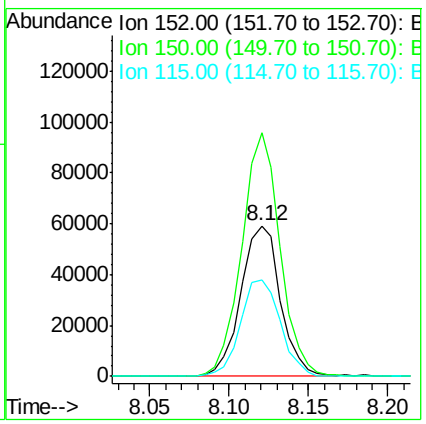


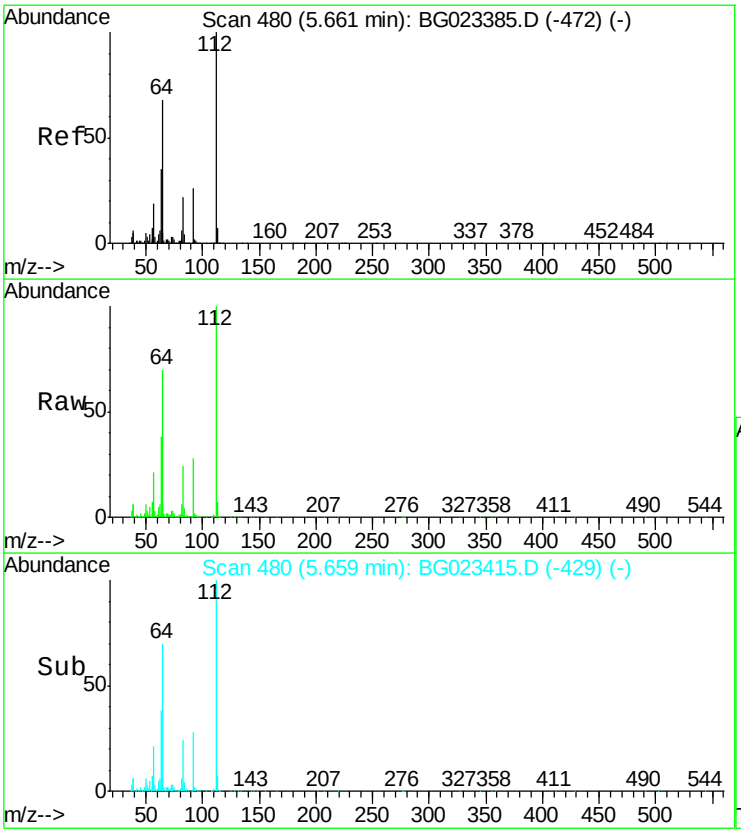
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 899
Delta R.T. -0.00 min
Lab File: BG023415.D
Acq: 3 Aug 2016 3:42

Instrument :
BNA_G
ClientSampleId :
SB-DUP-03-072816

Tgt Ion:152 Resp: 102670

Ion	Ratio	Lower	Upper
152	100		
150	161.5	144.7	217.1
115	63.6	64.0	96.0#

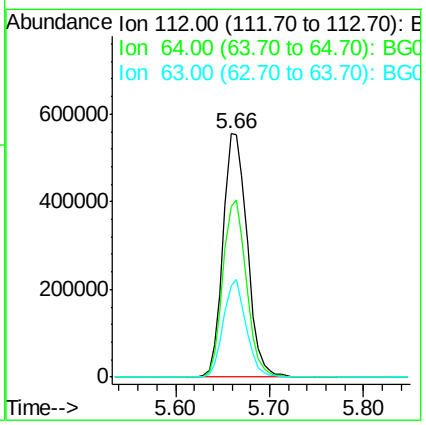


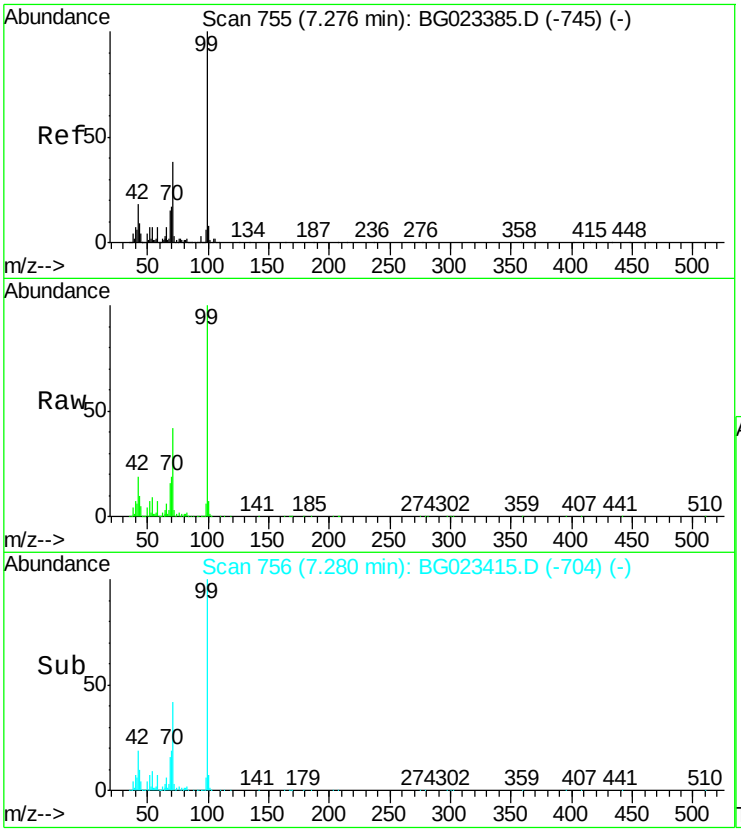


#5
2-Fluorophenol
Concen: 162.61 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.00 min
Lab File: BG023415.D
Acq: 3 Aug 2016 3:42

Tgt Ion:112 Resp: 991807

Ion	Ratio	Lower	Upper
112	100		
64	70.2	59.0	88.4
63	37.7	37.8	56.8#



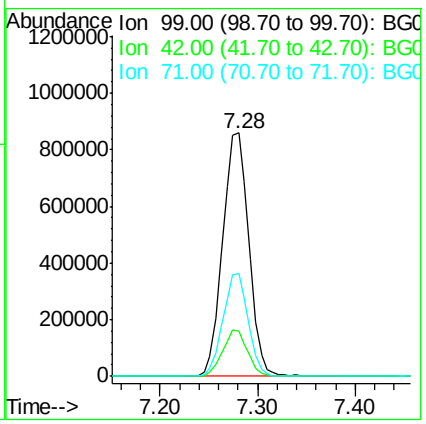


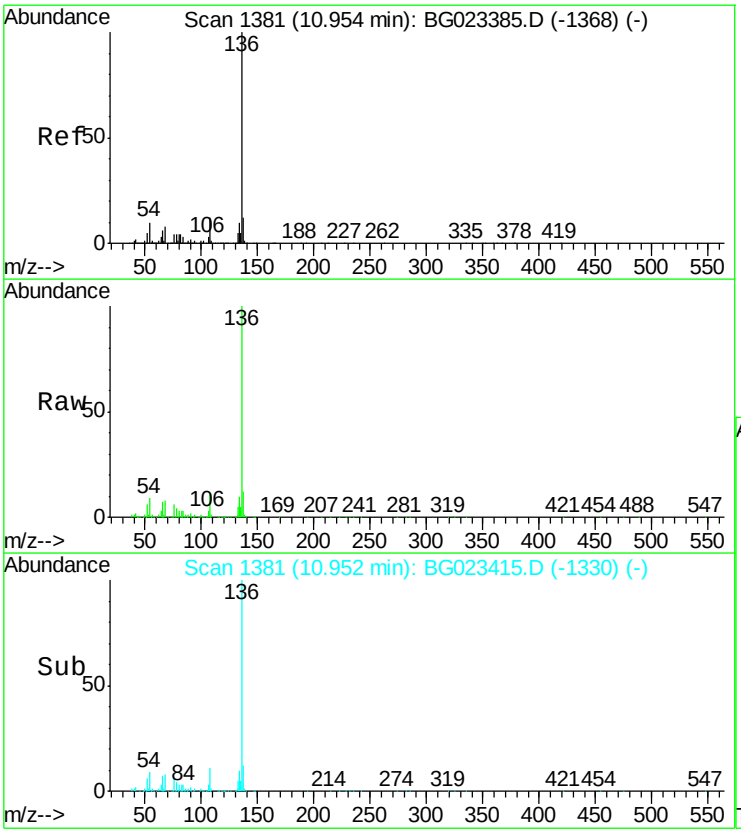
#7
Phenol-d6
Concen: 168.21 ng
RT: 7.28 min Scan# 756
Delta R.T. 0.00 min
Lab File: BG023415.D
Acq: 3 Aug 2016 3:42

Instrument :
BNA_G
ClientSampleId :
SB-DUP-03-072816

Tgt Ion: 99 Resp: 1597988

Ion	Ratio	Lower	Upper
99	100		
42	18.8	17.8	26.6
71	42.1	41.5	62.3

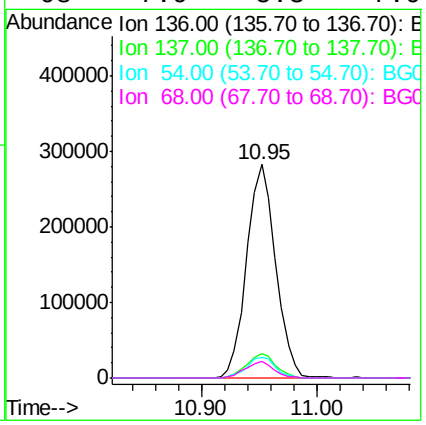


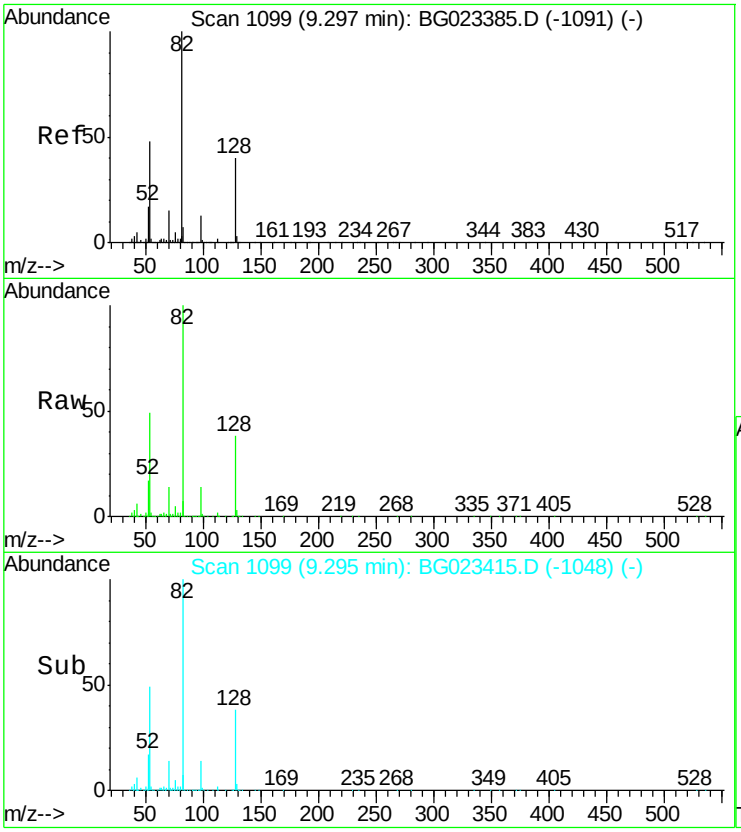


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG023415.D
Acq: 3 Aug 2016 3:42

Tgt Ion:136 Resp: 495600

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	9.4	7.3	10.9
68	7.9	5.3	7.9



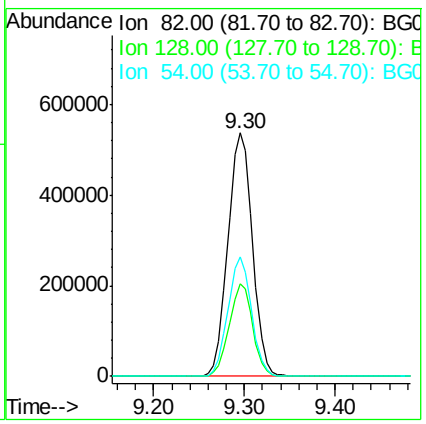


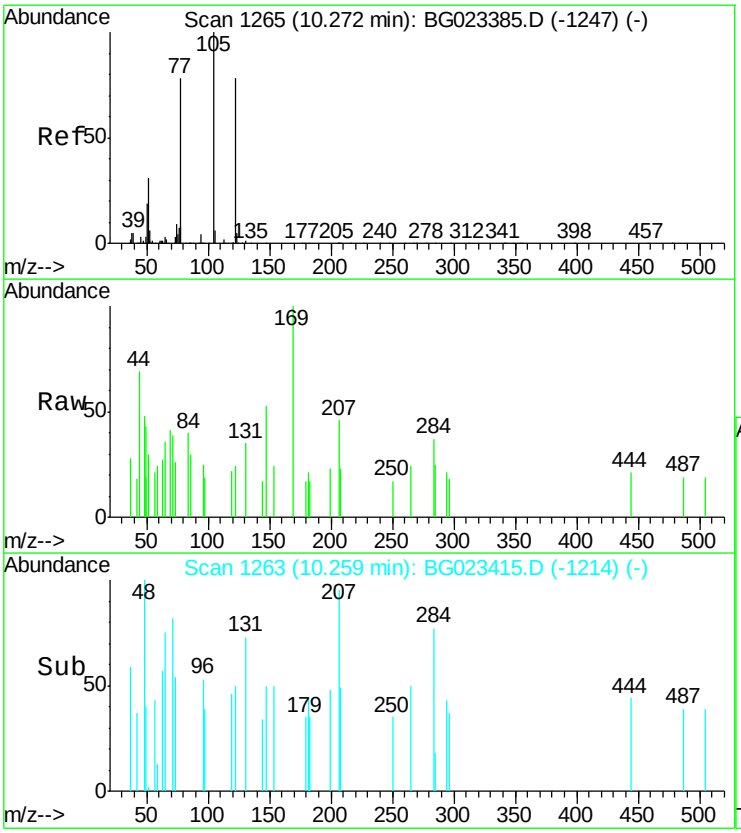
#23
Nitrobenzene-d5
Concen: 101.53 ng
RT: 9.30 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BG023415.D
Acq: 3 Aug 2016 3:42

Instrument :
BNA_G
ClientSampleId :
SB-DUP-03-072816

Tgt Ion: 82 Resp: 1012082

Ion	Ratio	Lower	Upper
82	100		
128	38.0	24.4	36.6#
54	49.0	41.4	62.0

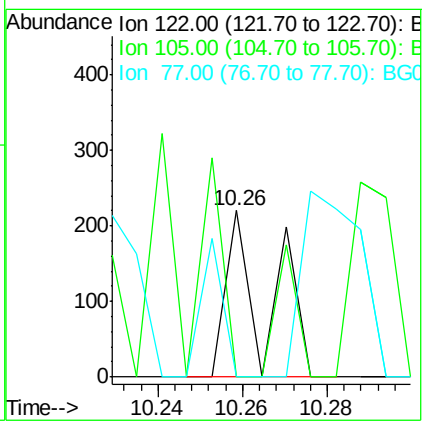


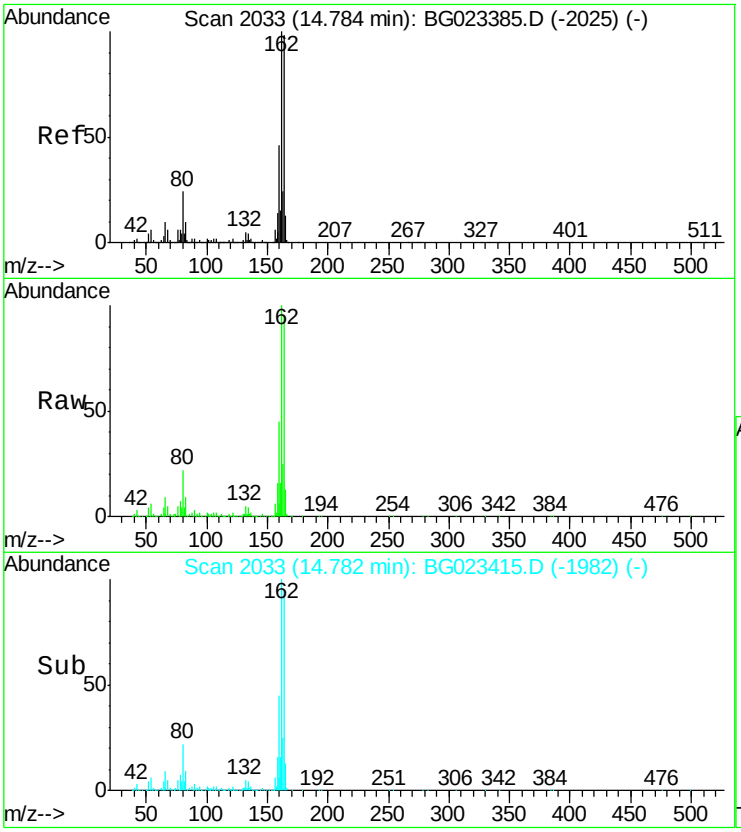


#32
Benzoic acid
Concen: 6.46 ng
RT: 10.26 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BG023415.D
Acq: 3 Aug 2016 3:42

Tgt Ion:122 Resp: 147

Ion	Ratio	Lower	Upper
122	100		
105	0.0	117.2	157.2#
77	0.0	109.2	149.2#



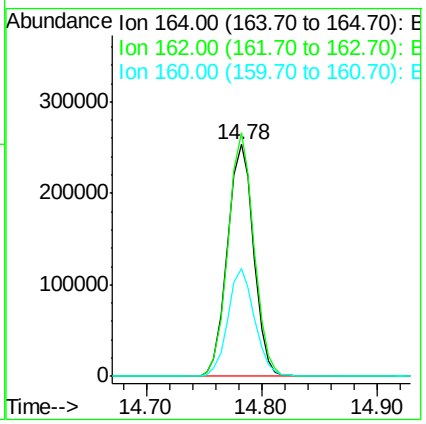


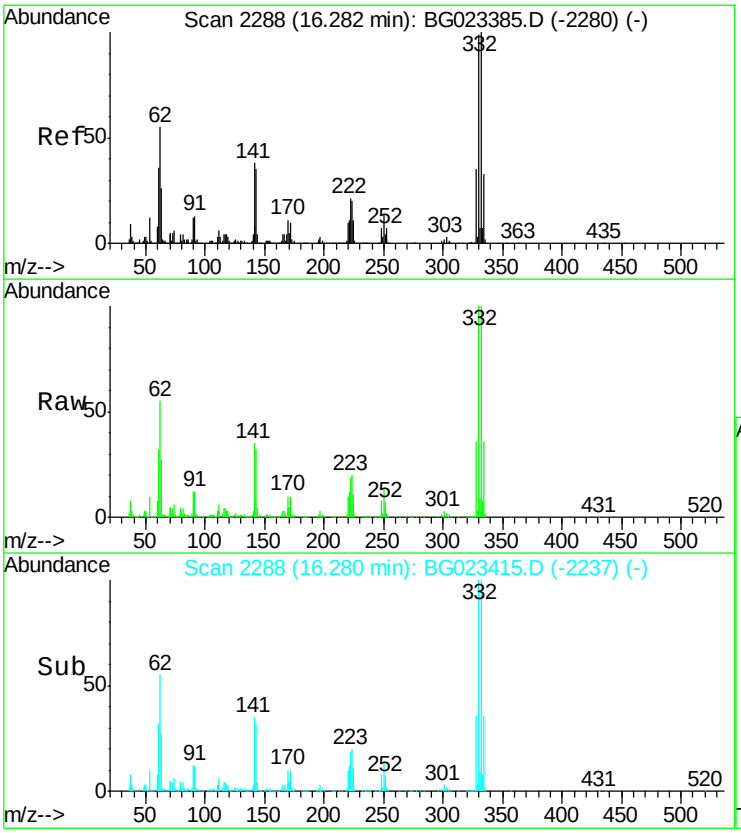
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG023415.D
Acq: 3 Aug 2016 3:42

Instrument :
BNA_G
ClientSampleId :
SB-DUP-03-072816

Tgt Ion:164 Resp: 398407

Ion	Ratio	Lower	Upper
164	100		
162	105.2	87.7	131.5
160	46.8	37.2	55.8

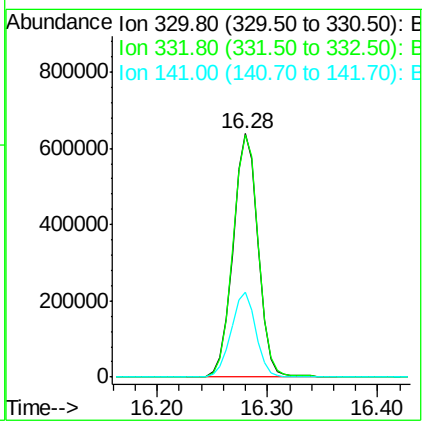


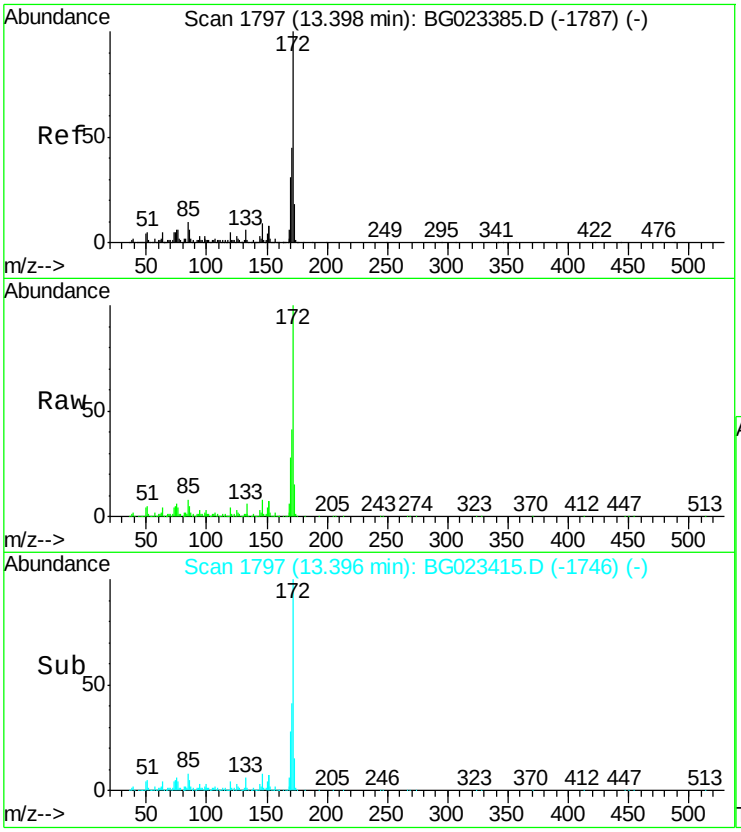


#41
2,4,6-Tribromophenol
Concen: 174.51 ng
RT: 16.28 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG023415.D
Acq: 3 Aug 2016 3:42

Tgt Ion:330 Resp: 1016965

Ion	Ratio	Lower	Upper
330	100		
332	100.2	77.4	116.2
141	34.9	31.7	47.5



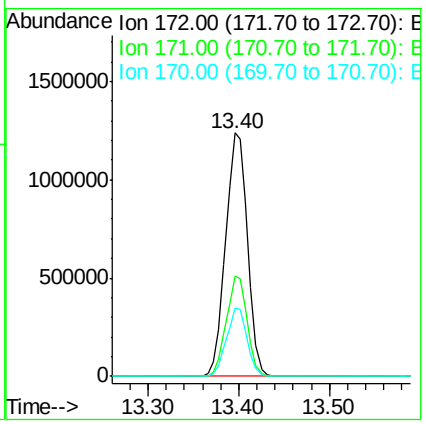


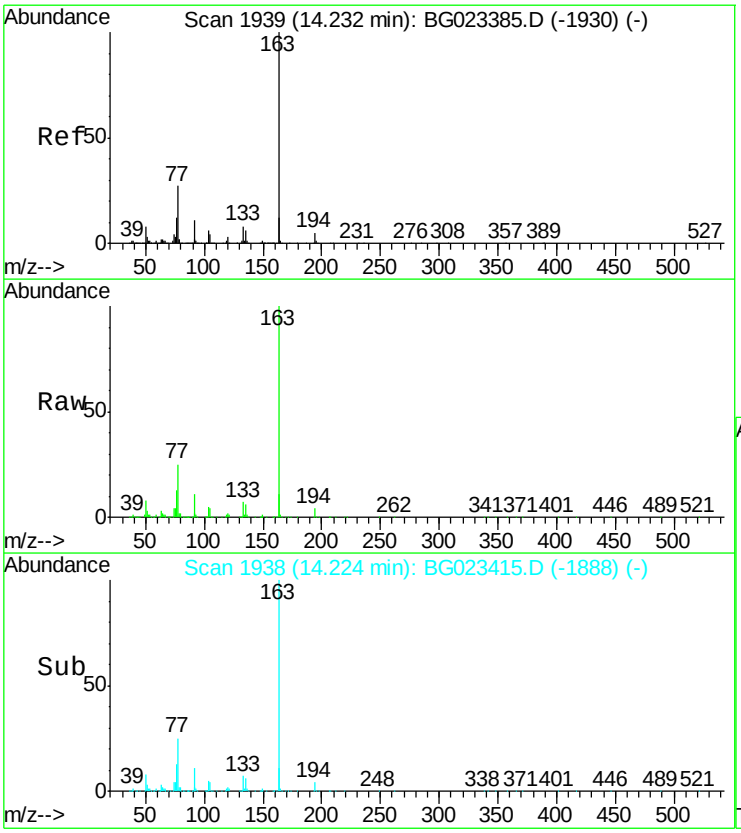
#44
2-Fluorobiphenyl
Concen: 87.66 ng
RT: 13.40 min Scan# 1797
Delta R.T. -0.00 min
Lab File: BG023415.D
Acq: 3 Aug 2016 3:42

Instrument :
BNA_G
ClientSampleId :
SB-DUP-03-072816

Tgt Ion:172 Resp: 2070517

Ion	Ratio	Lower	Upper
172	100		
171	41.1	31.6	47.4
170	28.1	21.3	31.9

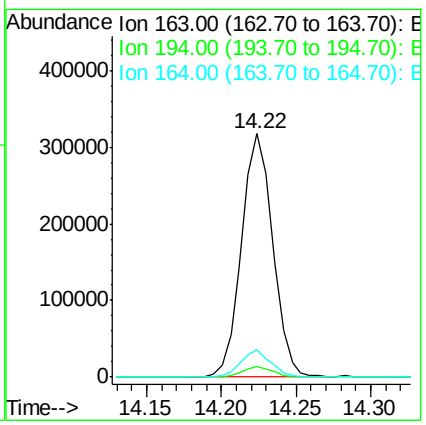


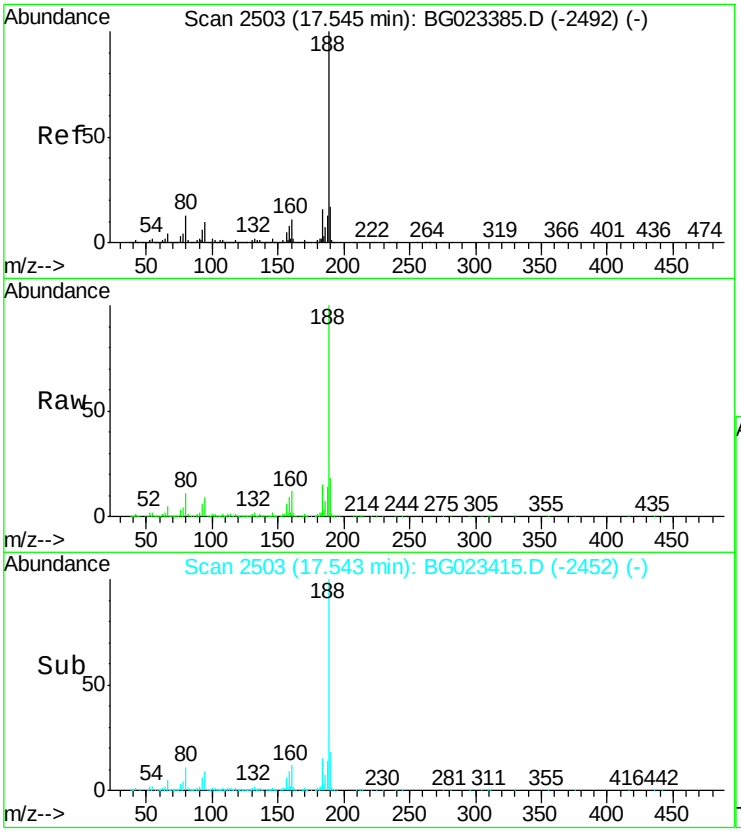


#49
Dimethylphthalate
Concen: 15.08 ng
RT: 14.22 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG023415.D
Acq: 3 Aug 2016 3:42

Tgt Ion:163 Resp: 460865

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.6	5.4
164	11.1	8.1	12.1



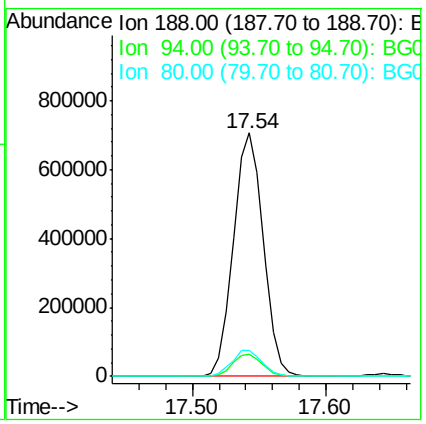


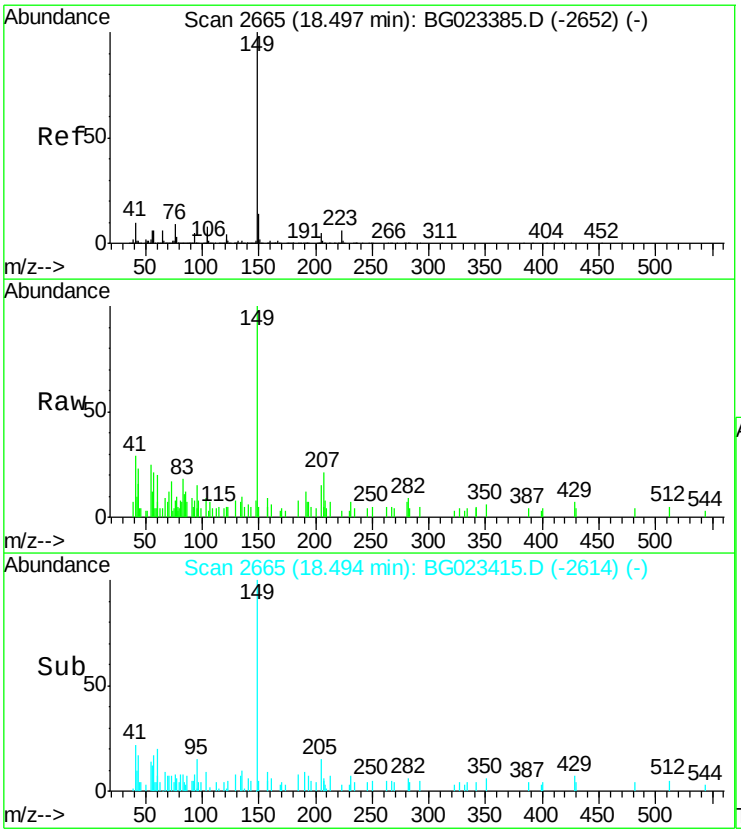
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BG023415.D
Acq: 3 Aug 2016 3:42

Instrument :
BNA_G
ClientSampleId :
SB-DUP-03-072816

Tgt Ion:188 Resp: 1091229

Ion	Ratio	Lower	Upper
188	100		
94	9.4	5.2	7.8#
80	10.8	7.2	10.8#

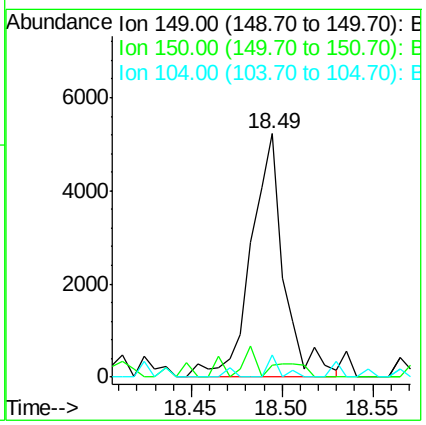


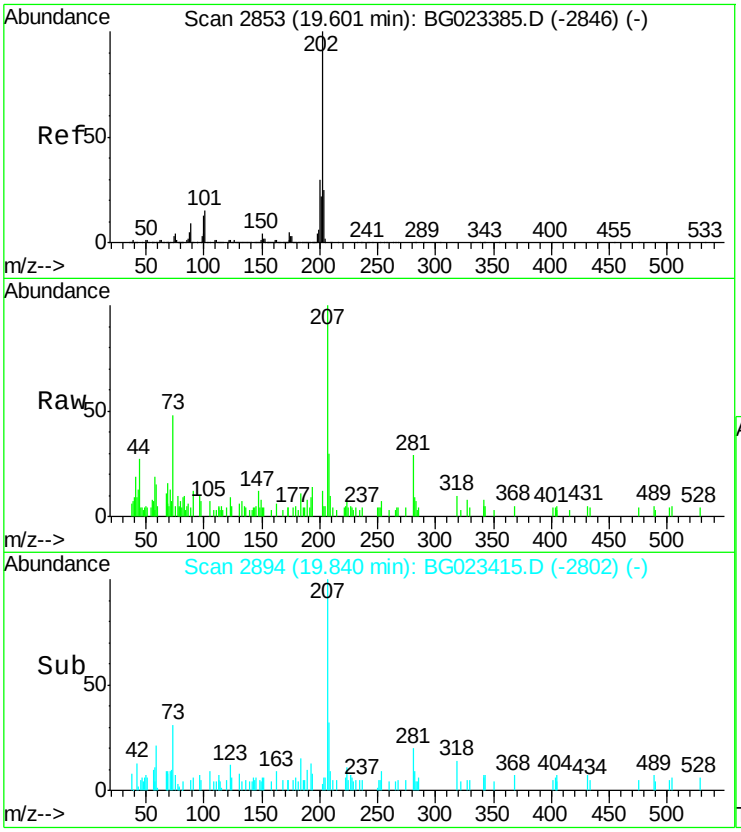


#73
Di-n-butylphthalate
Concen: Below Cal
RT: 18.49 min Scan# 2665
Delta R.T. -0.00 min
Lab File: BG023415.D
Acq: 3 Aug 2016 3:42

Tgt Ion:149 Resp: 6615

Ion	Ratio	Lower	Upper
149	100		
150	5.0	9.1	13.7#
104	9.0	6.9	10.3



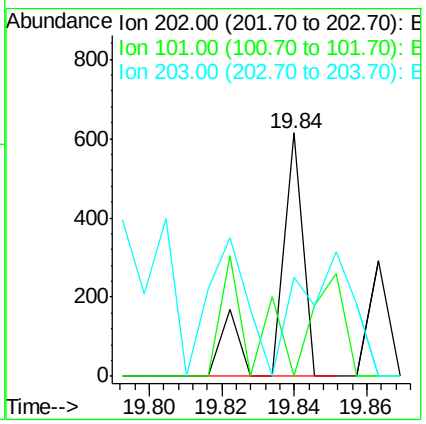


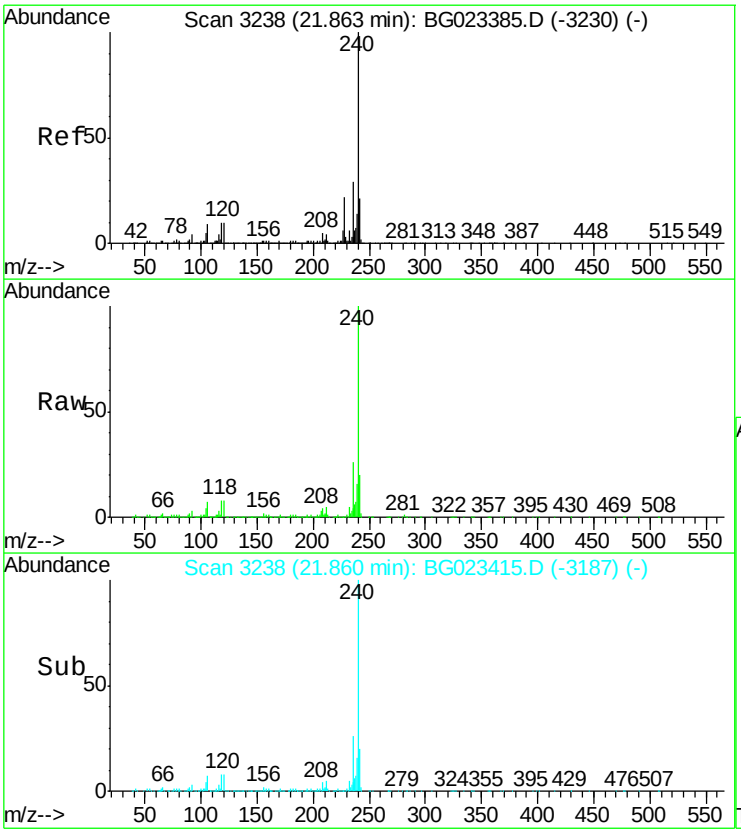
#74
Fluoranthene
Concen: Below Cal
RT: 19.84 min Scan# 2894
Delta R.T. 0.24 min
Lab File: BG023415.D
Acq: 3 Aug 2016 3:42

Instrument :
BNA_G
ClientSampleId :
SB-DUP-03-072816

Tgt Ion:202 Resp: 276

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	27.4
203	40.9	1.7	41.7

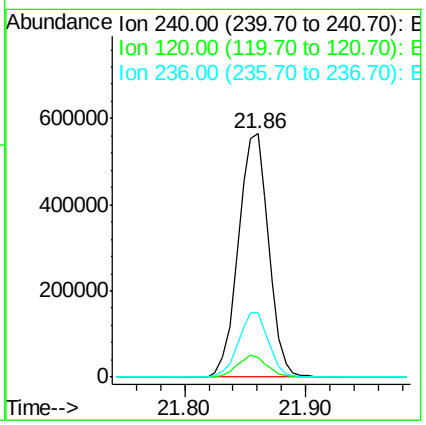


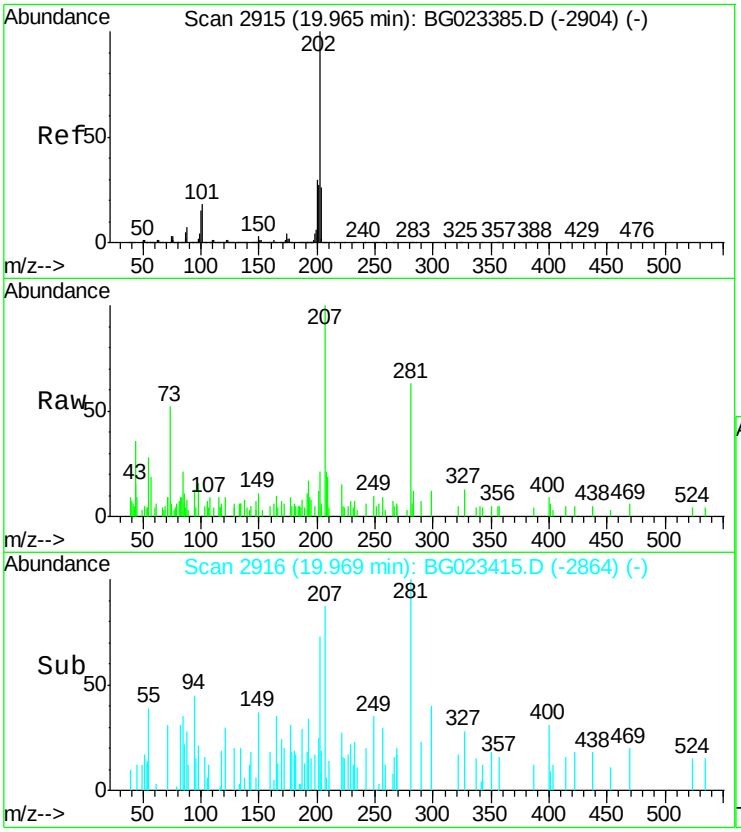


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. -0.00 min
Lab File: BG023415.D
Acq: 3 Aug 2016 3:42

Tgt Ion:240 Resp: 982284

Ion	Ratio	Lower	Upper
240	100		
120	8.2	4.1	6.1#
236	26.3	21.1	31.7



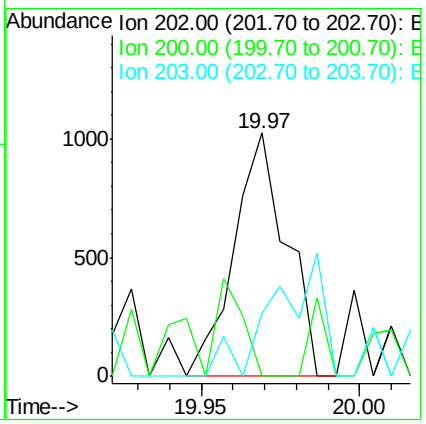


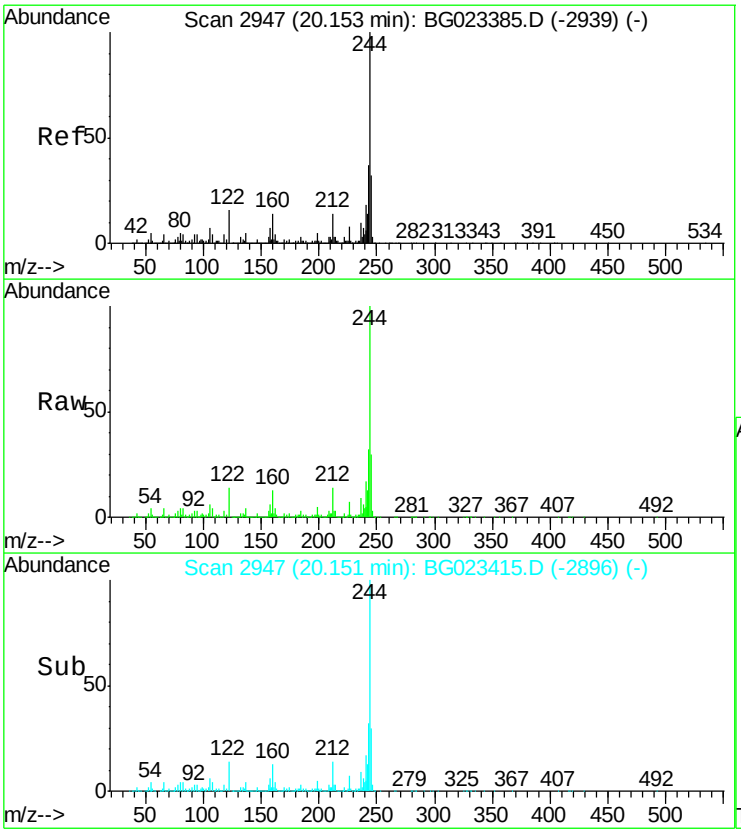
#77
Pyrene
Concen: Below Cal
RT: 19.97 min Scan# 2916
Delta R.T. 0.00 min
Lab File: BG023415.D
Acq: 3 Aug 2016 3:42

Instrument :
BNA_G
ClientSampleId :
SB-DUP-03-072816

Tgt Ion:202 Resp: 1170

Ion	Ratio	Lower	Upper
202	100		
200	0.0	21.2	31.8#
203	25.7	16.8	25.2#

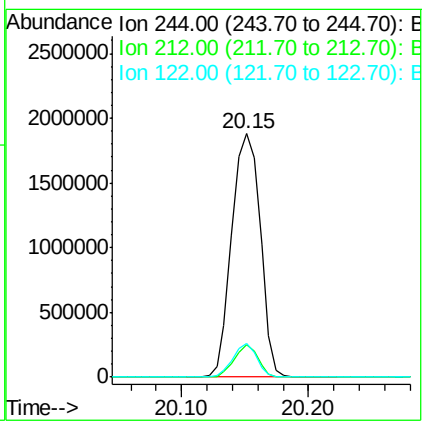


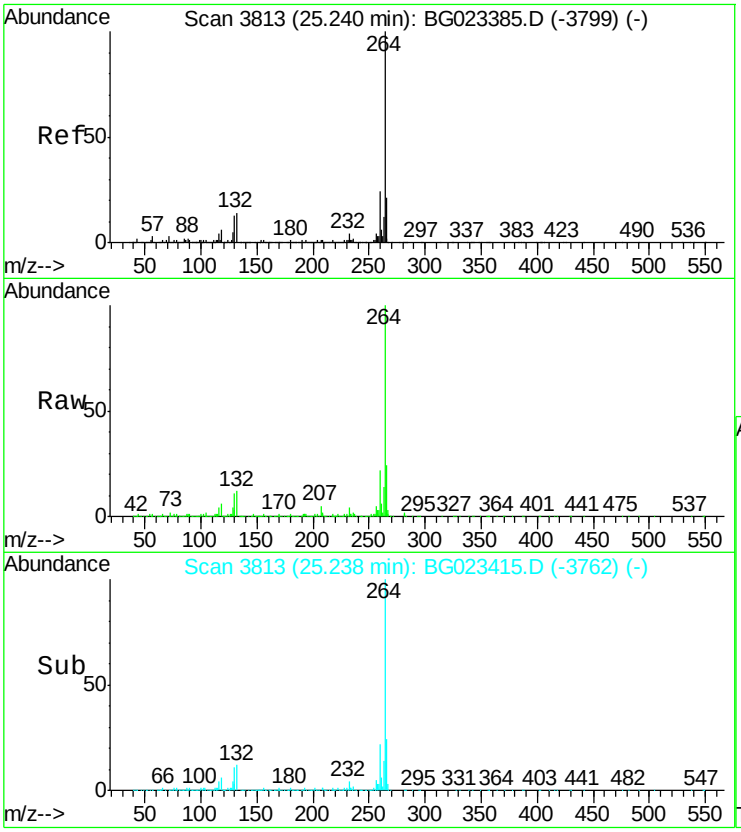


#78
Terphenyl-d14
Concen: 95.50 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG023415.D
Acq: 3 Aug 2016 3:42

Tgt Ion:244 Resp: 2923432

Ion	Ratio	Lower	Upper
244	100		
212	13.6	10.8	16.2
122	13.8	8.0	12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.24 min Scan# 3813
Delta R.T. -0.00 min
Lab File: BG023415.D
Acq: 3 Aug 2016 3:42

Instrument :
BNA_G
ClientSampleId :
SB-DUP-03-072816

Tgt Ion:264 Resp: 984145

Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.4	27.6
265	23.7	18.9	28.3