Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072916\
Data File : BG023335.D
Acq On : 29 Jul 2016 11:04
Operator : UM/SJ
Sample : H4213-20
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : L-9

Quant Time: Jul 29 13:33:38 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:30:33 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	165225	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	716727	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	513788	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1230326	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1256942	20.00	ng	0.00
86) Perylene-d12	25.30	264	1249956	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1181873	122.11	ng	0.00
7) Phenol-d6	7.29	99	1675026	112.73	ng	0.00
23) Nitrobenzene-d5	9.31	82	1271858	86.78	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	889834	167.33	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2601580	94.77	ng	0.00
78) Terphenyl-d14	20.18	244	3288951	85.06	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.46	79	21329	2.13	ng	# 56
31) Naphthalene	11.03	128	105770	3.18	ng	# 96
32) Benzoic acid	10.25	122	1947	8.29	ng	# 47
35) Caprolactam	11.90	113	23315	5.23	ng	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072916\
Data File : BG023335.D
Acq On : 29 Jul 2016 11:04
Operator : UM/SJ
Sample : H4213-20
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Time: Jul 29 13:33:38 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:30:33 2016
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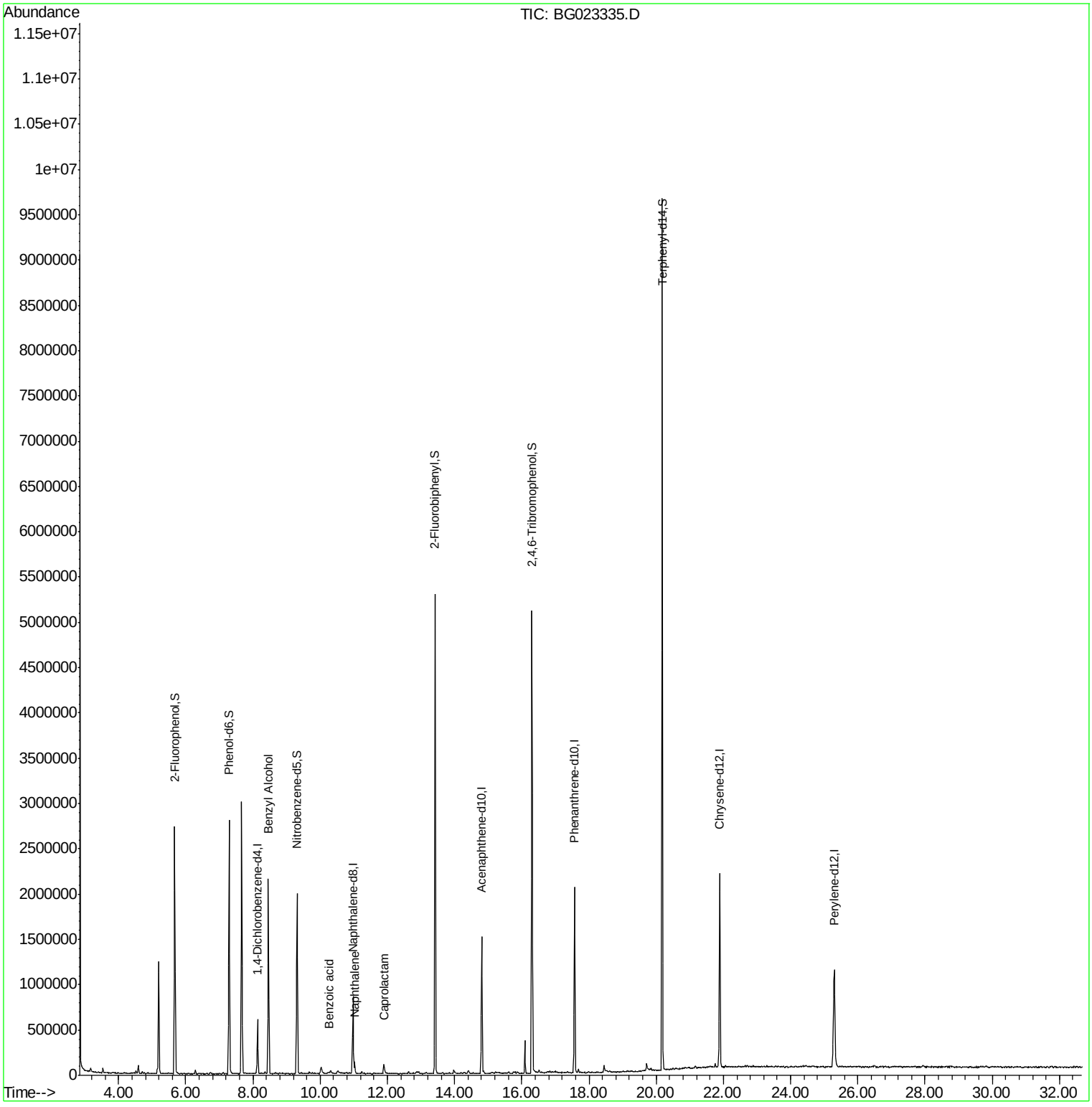
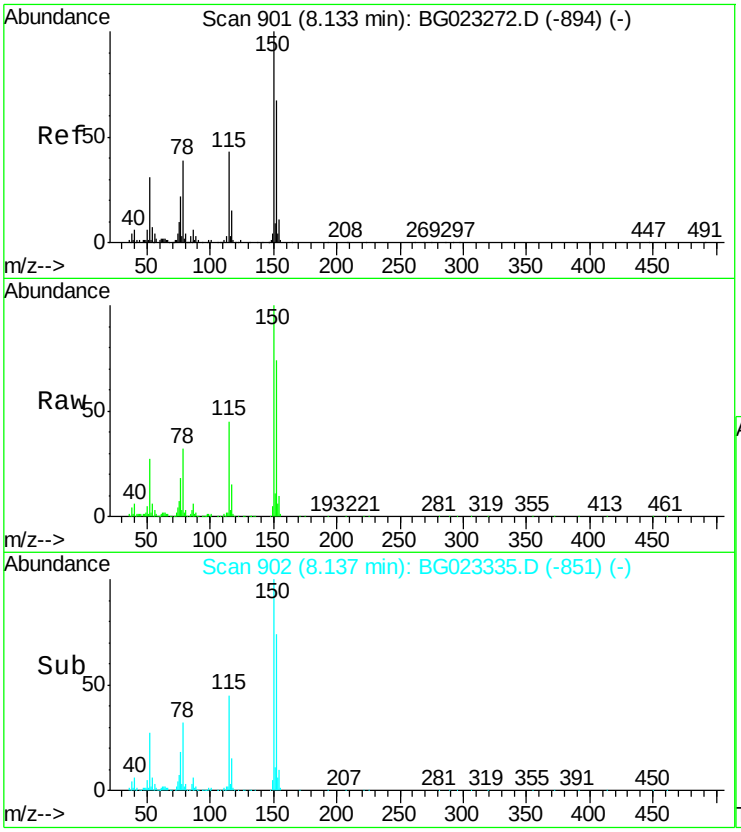


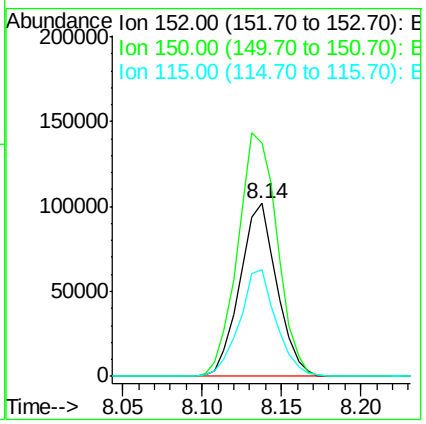


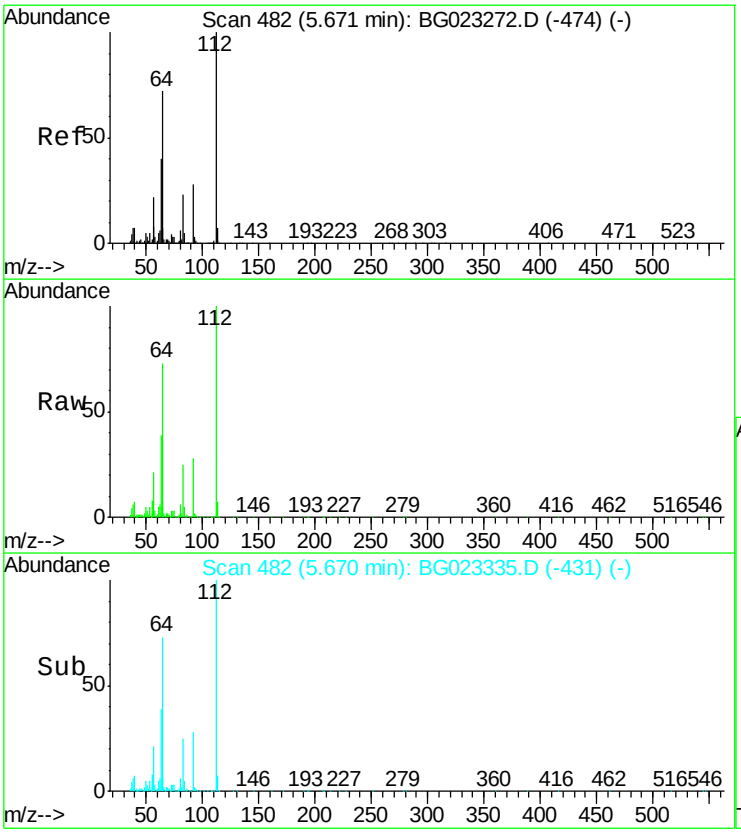
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.00 min
Lab File: BG023335.D
Acq: 29 Jul 2016 11:04

Instrument :
BNA_G
ClientSampleId :
L-9

Tgt Ion:152 Resp: 165225

Ion	Ratio	Lower	Upper
152	100		
150	135.0	144.7	217.1#
115	61.3	64.0	96.0#

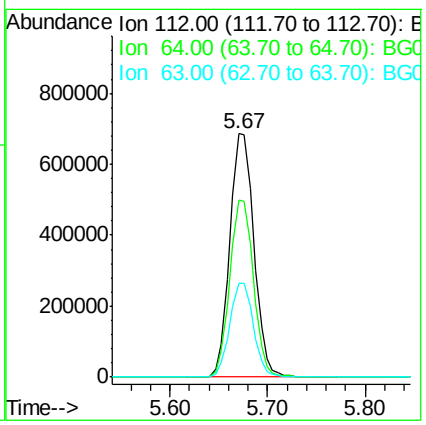


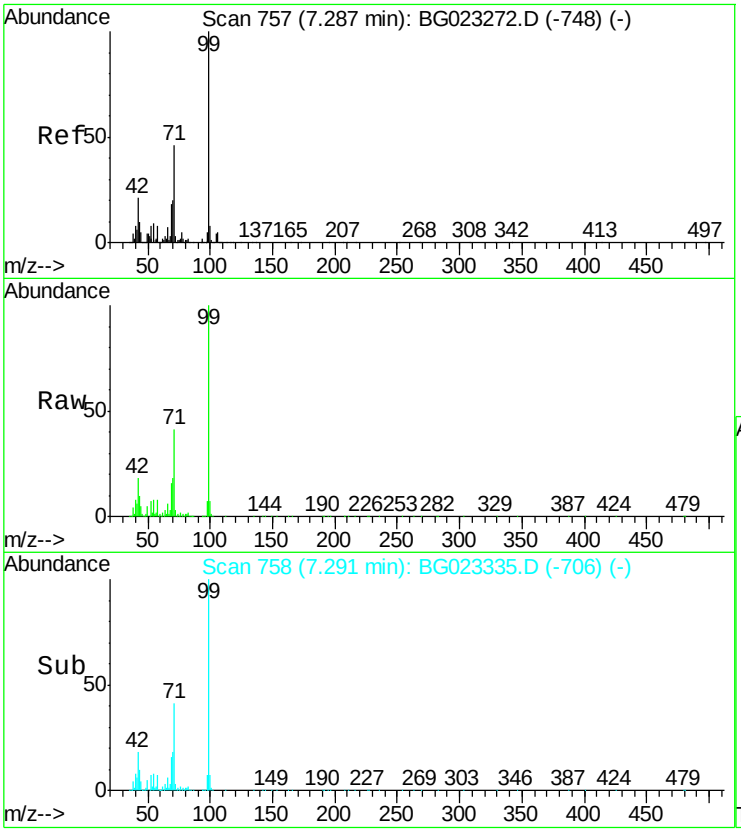


#5
2-Fluorophenol
Concen: 122.11 ng
RT: 5.67 min Scan# 482
Delta R.T. -0.00 min
Lab File: BG023335.D
Acq: 29 Jul 2016 11:04

Tgt Ion:112 Resp: 1181873

Ion	Ratio	Lower	Upper
112	100		
64	72.6	59.0	88.4
63	38.7	37.8	56.8



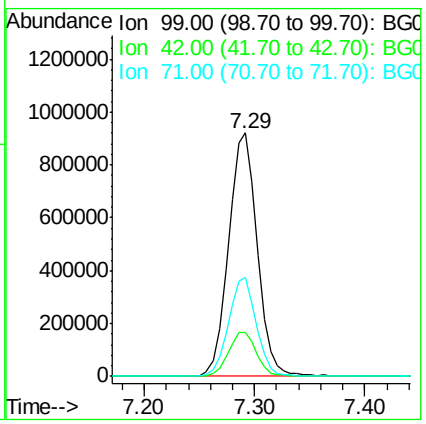


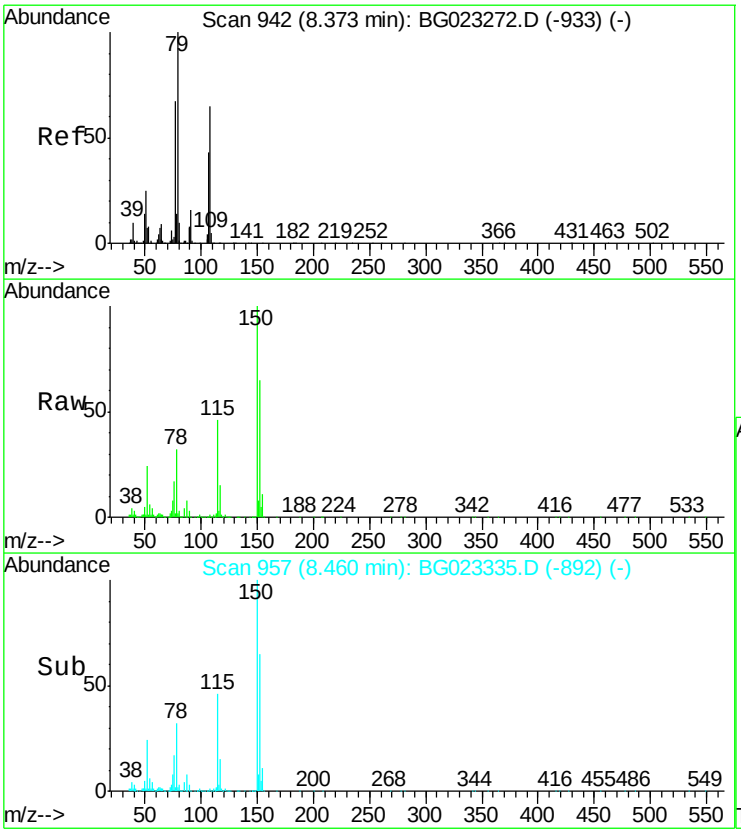
#7
Phenol-d6
Concen: 112.73 ng
RT: 7.29 min Scan# 758
Delta R.T. 0.00 min
Lab File: BG023335.D
Acq: 29 Jul 2016 11:04

Instrument :
BNA_G
ClientSampleId :
L-9

Tgt Ion: 99 Resp: 1675026

Ion	Ratio	Lower	Upper
99	100		
42	18.3	17.8	26.6
71	40.9	41.5	62.3#

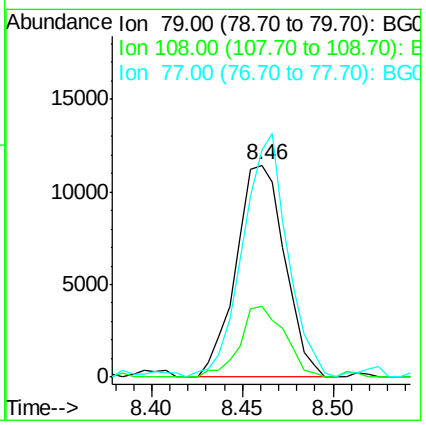


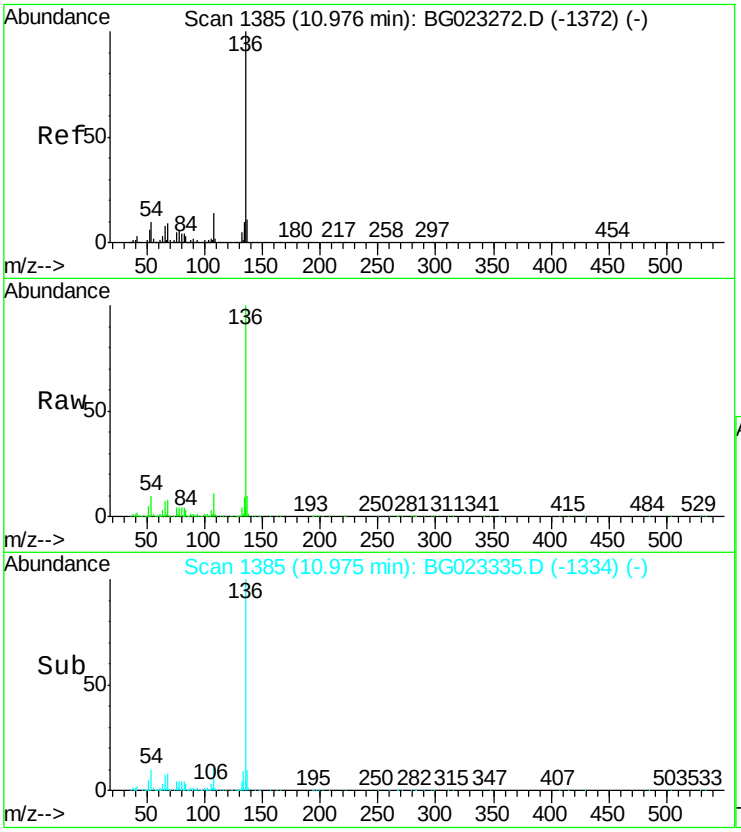


#15
Benzyl Alcohol
Concen: 2.13 ng
RT: 8.46 min Scan# 957
Delta R.T. 0.08 min
Lab File: BG023335.D
Acq: 29 Jul 2016 11:04

Tgt Ion: 79 Resp: 21329

Ion	Ratio	Lower	Upper
79	100		
108	33.2	46.5	69.7#
77	107.4	52.3	78.5#



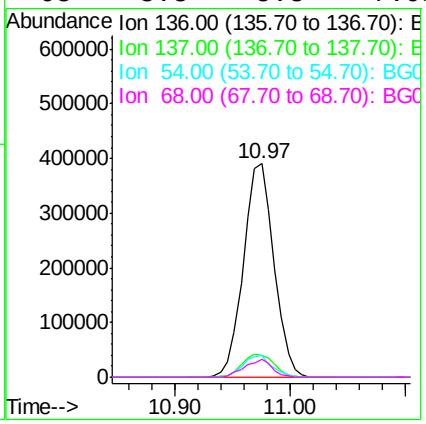


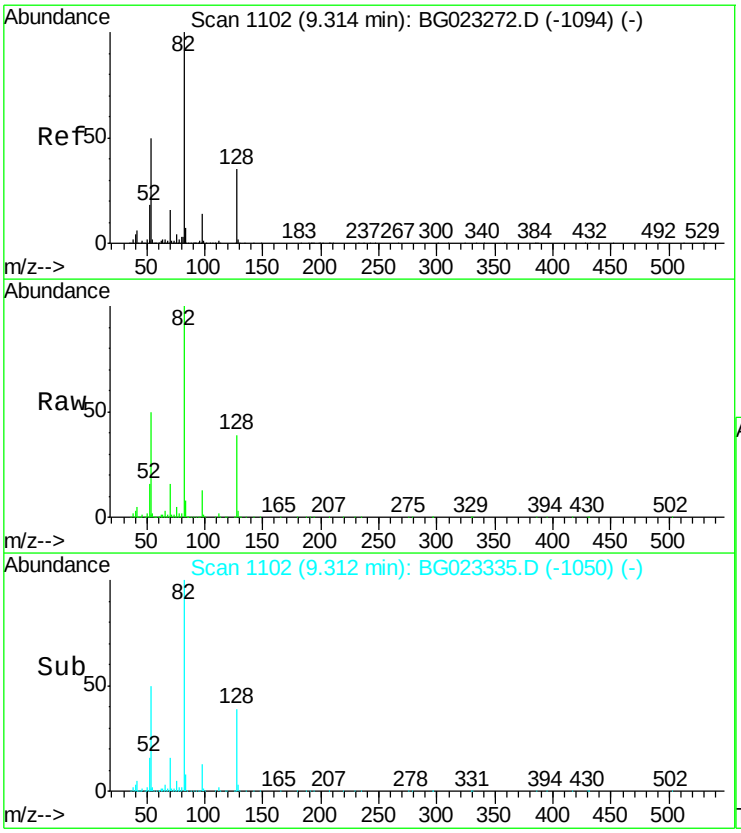
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG023335.D
Acq: 29 Jul 2016 11:04

Instrument :
BNA_G
ClientSampleId :
L-9

Tgt Ion:136 Resp: 716727

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.6	14.4
54	10.3	7.3	10.9
68	8.3	5.3	7.9#

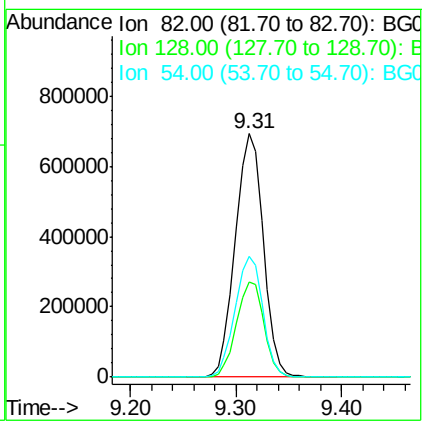


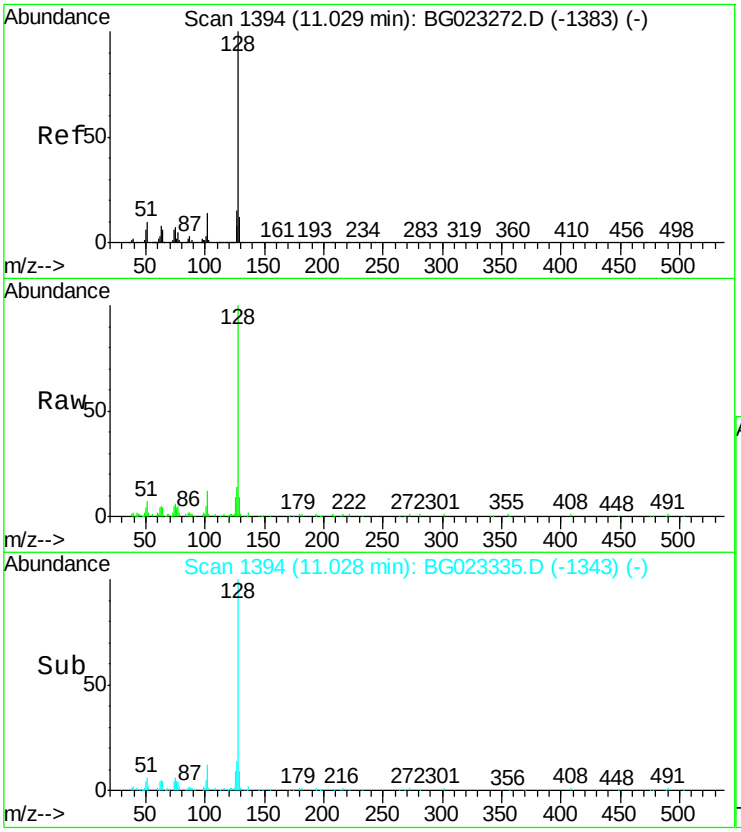


#23
Nitrobenzene-d5
Concen: 86.78 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BG023335.D
Acq: 29 Jul 2016 11:04

Tgt Ion: 82 Resp: 1271858

Ion	Ratio	Lower	Upper
82	100		
128	39.0	24.4	36.6#
54	49.5	41.4	62.0



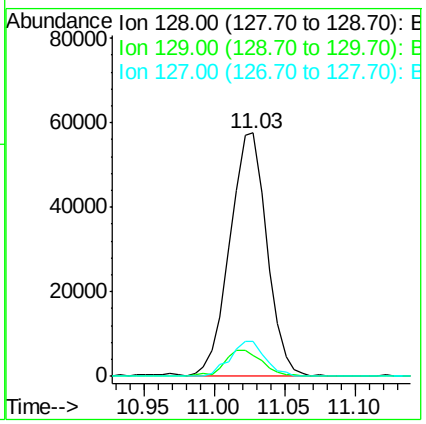


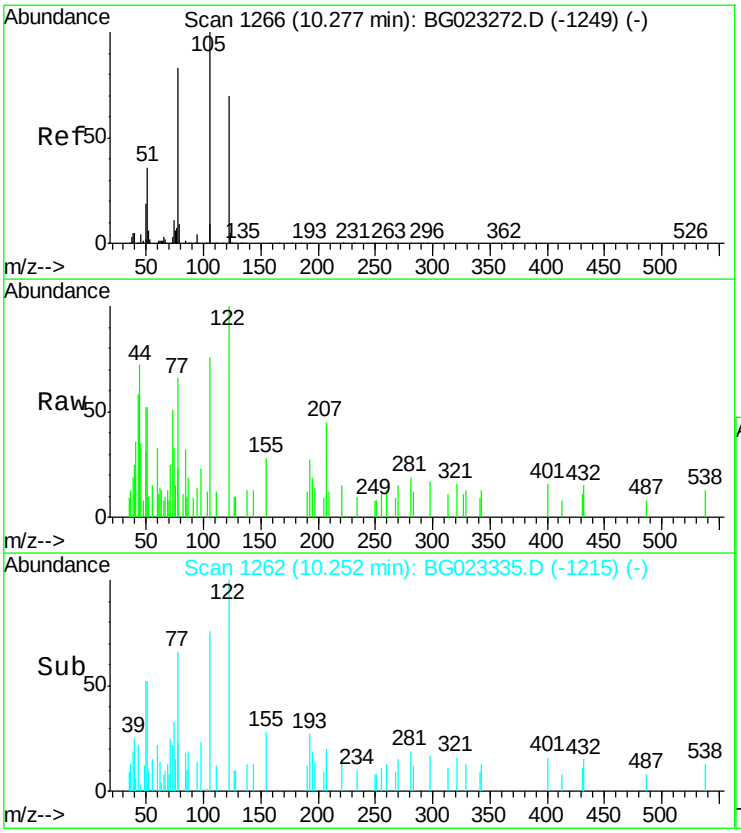
#31
Naphthalene
Concen: 3.18 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG023335.D
Acq: 29 Jul 2016 11:04

Instrument :
BNA_G
ClientSampleId :
L-9

Tgt Ion:128 Resp: 105770

Ion	Ratio	Lower	Upper
128	100		
129	8.8	9.4	14.0#
127	14.3	11.3	16.9

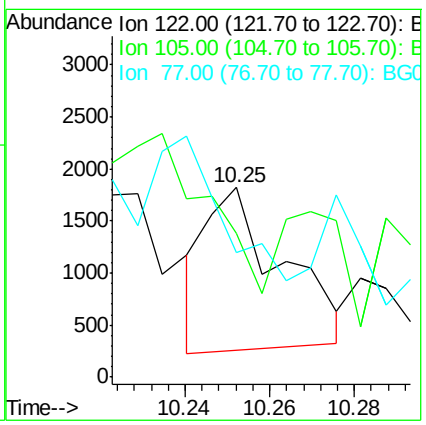


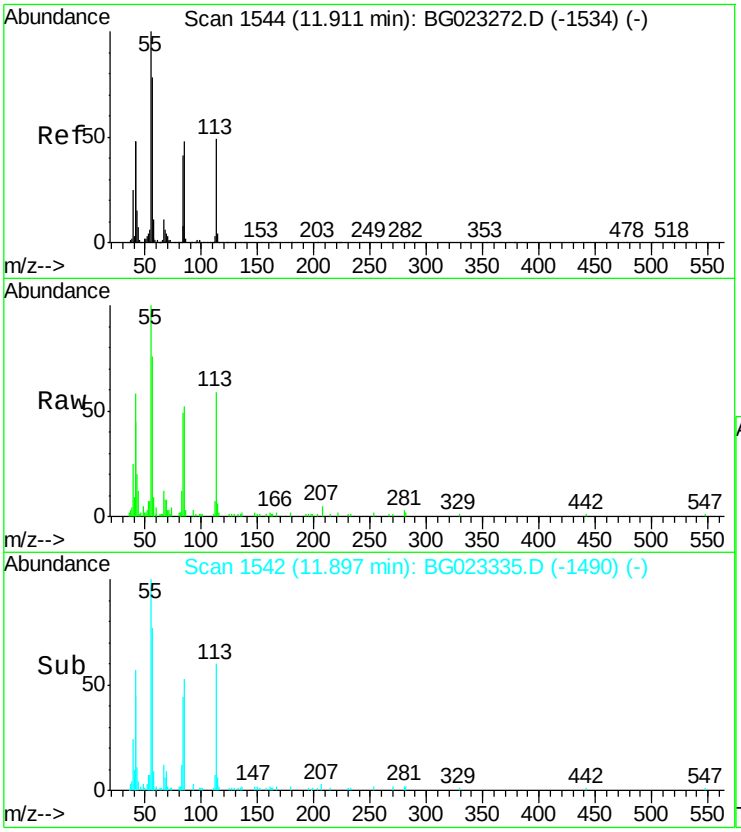


#32
Benzoic acid
Concen: 8.29 ng
RT: 10.25 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BG023335.D
Acq: 29 Jul 2016 11:04

Tgt Ion:122 Resp: 1947

Ion	Ratio	Lower	Upper
122	100		
105	75.8	117.2	157.2#
77	65.5	109.2	149.2#



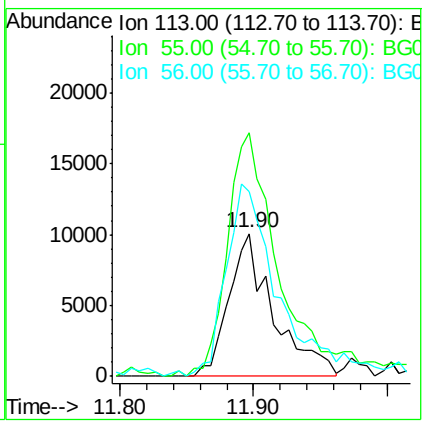


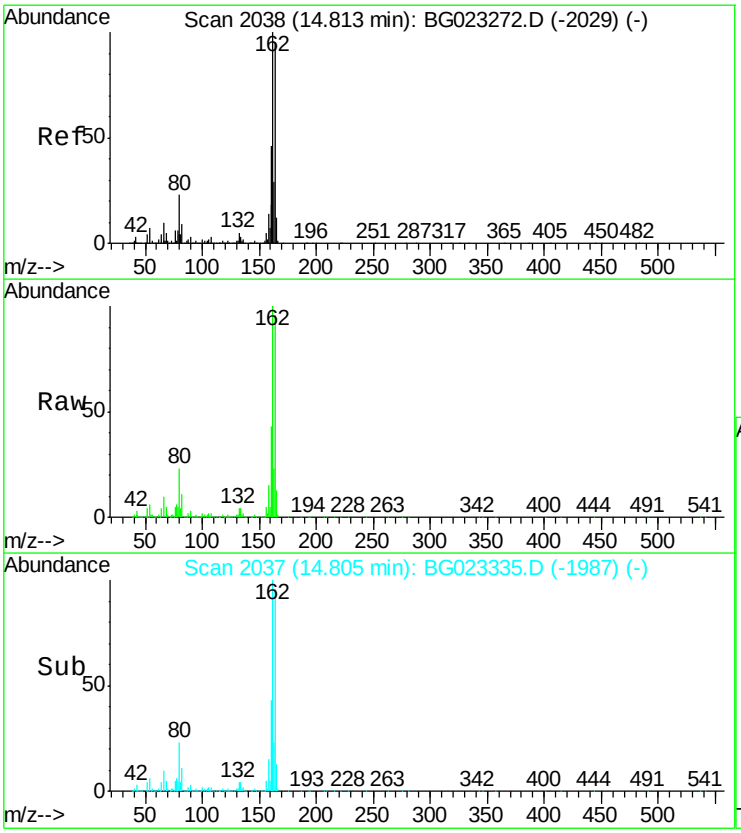
#35
Caprolactam
Concen: 5.23 ng
RT: 11.90 min Scan# 1542
Delta R.T. 0.01 min
Lab File: BG023335.D
Acq: 29 Jul 2016 11:04

Instrument :
BNA_G
ClientSampleId :
L-9

Tgt Ion:113 Resp: 23315

Ion	Ratio	Lower	Upper
113	100		
55	170.2	154.5	194.5
56	129.0	125.1	165.1

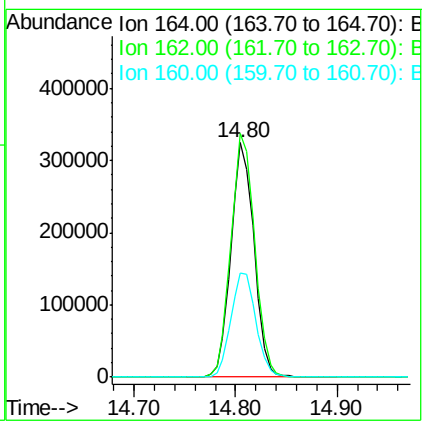


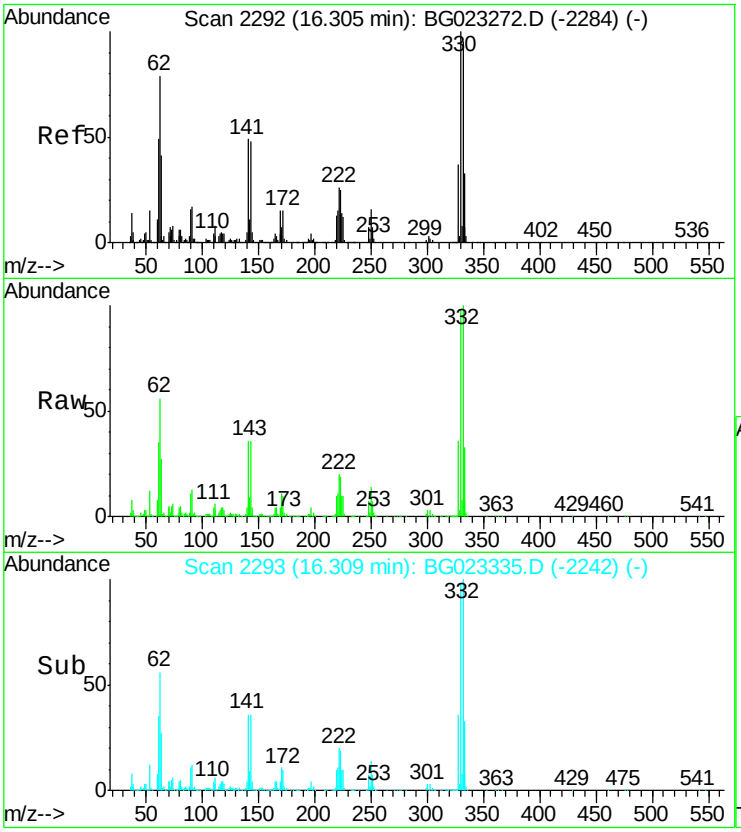


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG023335.D
Acq: 29 Jul 2016 11:04

Tgt Ion:164 Resp: 513788

Ion	Ratio	Lower	Upper
164	100		
162	103.9	87.7	131.5
160	44.4	37.2	55.8



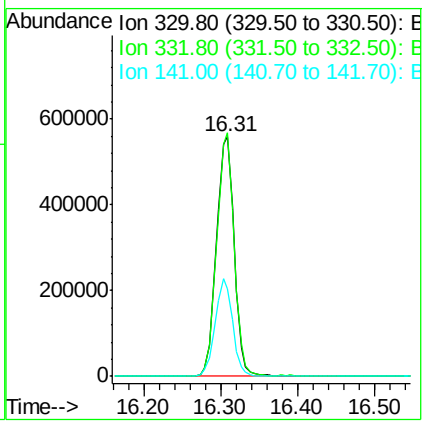


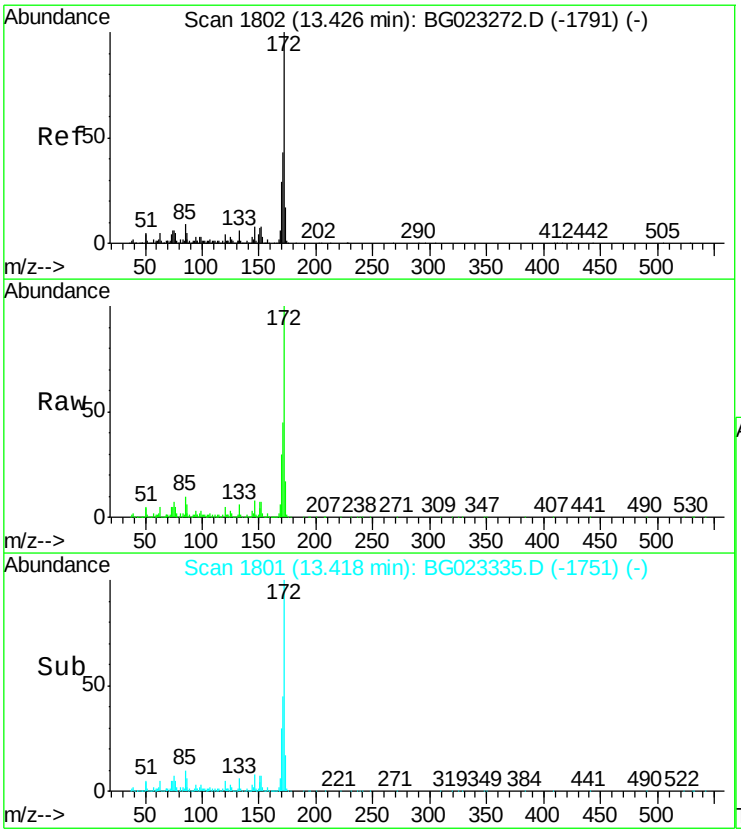
#41
2,4,6-Tribromophenol
Concen: 167.33 ng
RT: 16.31 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BG023335.D
Acq: 29 Jul 2016 11:04

Instrument :
BNA_G
ClientSampleId :
L-9

Tgt Ion:330 Resp: 889834

Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.4	116.2
141	39.6	31.7	47.5

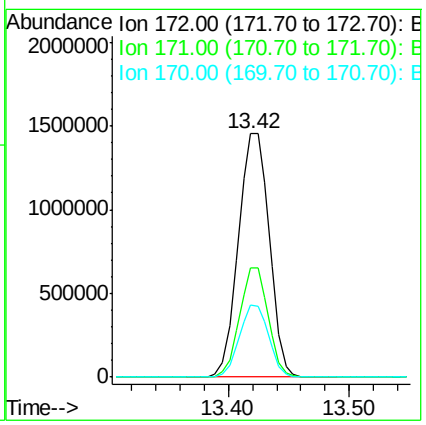


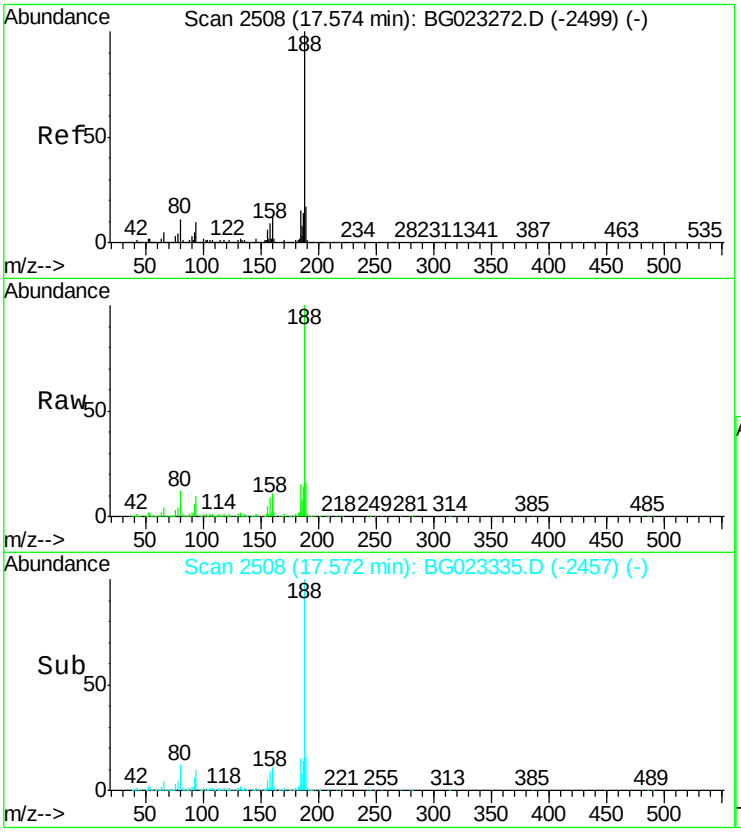


#44
2-Fluorobiphenyl
Concen: 94.77 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG023335.D
Acq: 29 Jul 2016 11:04

Tgt Ion:172 Resp: 2601580

Ion	Ratio	Lower	Upper
172	100		
171	45.0	31.6	47.4
170	29.7	21.3	31.9



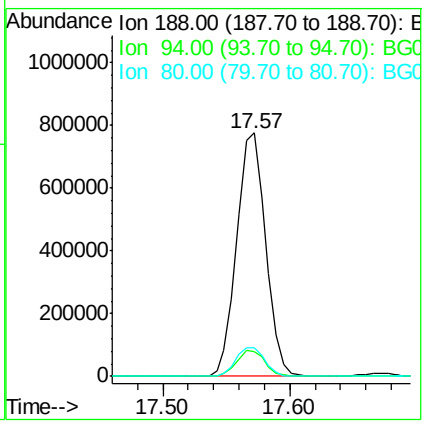


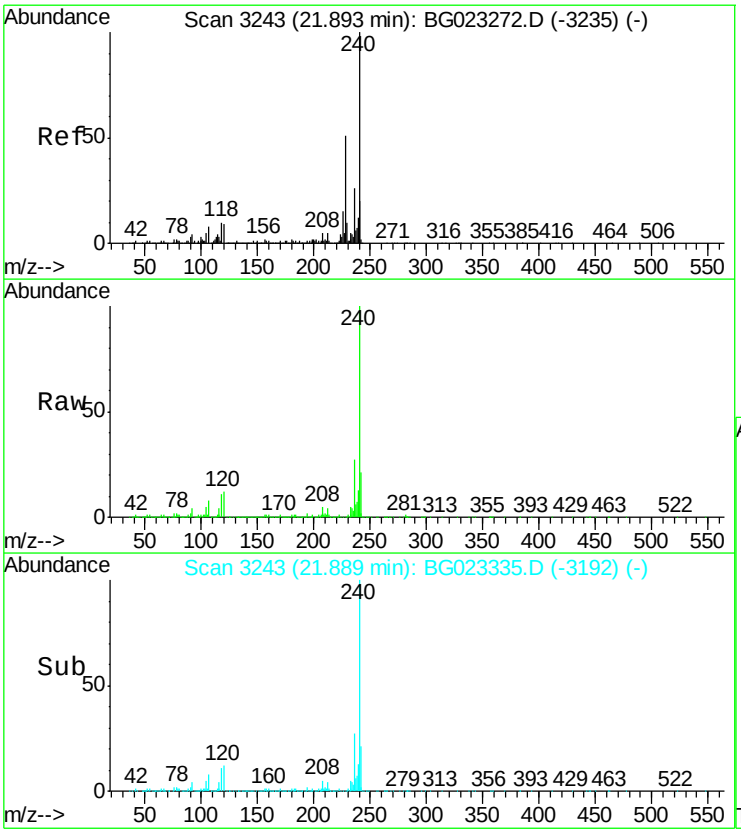
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG023335.D
Acq: 29 Jul 2016 11:04

Instrument :
BNA_G
ClientSampleId :
L-9

Tgt Ion:188 Resp: 1230326

Ion	Ratio	Lower	Upper
188	100		
94	10.3	5.2	7.8#
80	12.0	7.2	10.8#

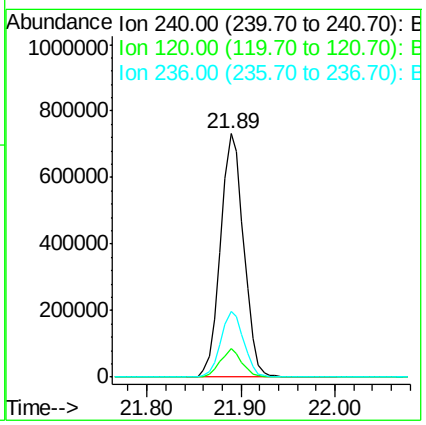


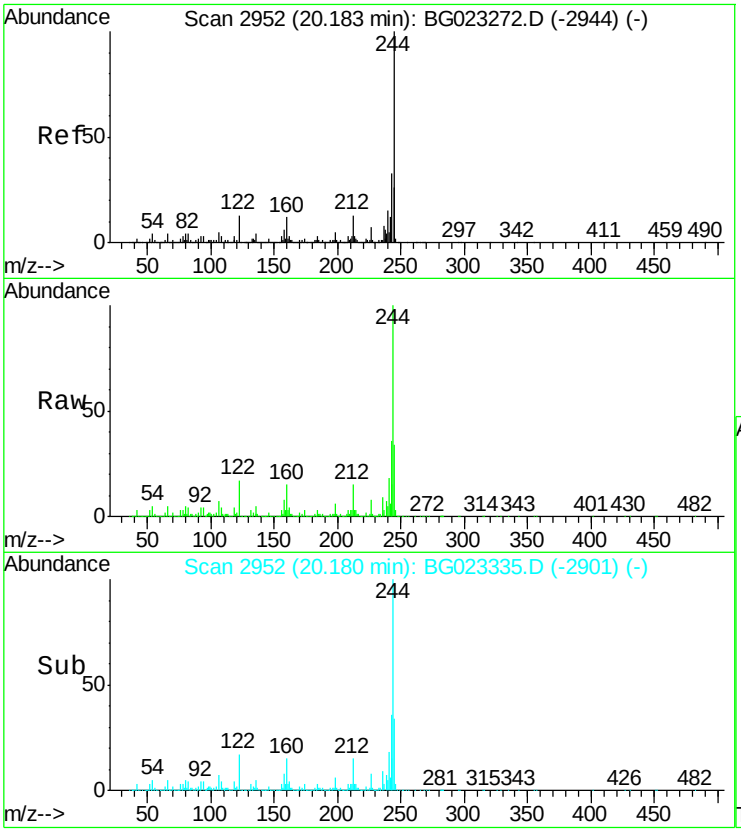


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. 0.00 min
Lab File: BG023335.D
Acq: 29 Jul 2016 11:04

Tgt Ion:240 Resp: 1256942

Ion	Ratio	Lower	Upper
240	100		
120	11.8	4.1	6.1#
236	27.2	21.1	31.7



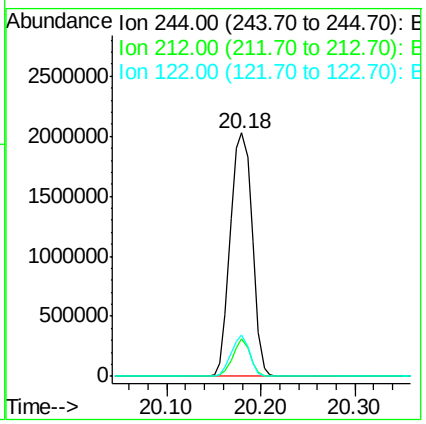


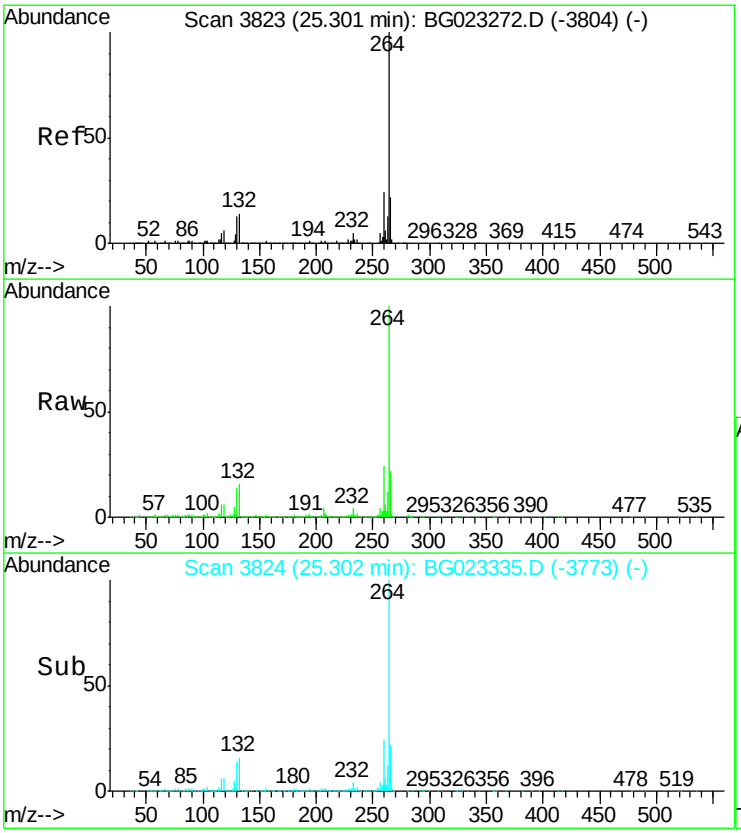
#78
Terphenyl-d14
Concen: 85.06 ng
RT: 20.18 min Scan# 2952
Delta R.T. 0.00 min
Lab File: BG023335.D
Acq: 29 Jul 2016 11:04

Instrument :
BNA_G
ClientSampleId :
L-9

Tgt Ion:244 Resp: 3288951

Ion	Ratio	Lower	Upper
244	100		
212	15.5	10.8	16.2
122	17.2	8.0	12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.30 min Scan# 3824
Delta R.T. 0.00 min
Lab File: BG023335.D
Acq: 29 Jul 2016 11:04

Tgt Ion:264 Resp: 1249956

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.4	27.6
265	22.1	18.9	28.3