Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081616\
Data File : BG023733.D
Acq On : 16 Aug 2016 18:40
Operator : UM/SJ
Sample : H4287-02RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-58-14.0-15.0RE

Quant Time: Aug 17 01:26:37 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	202596	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	910157	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	633135	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1494336	20.00	ng	0.00
75) Chrysene-d12	21.87	240	1623545	20.00	ng	0.00
86) Perylene-d12	25.27	264	1659600	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	431399	35.84	ng	-0.02
7) Phenol-d6	7.26	99	576919	30.77	ng	-0.02
23) Nitrobenzene-d5	9.28	82	420172	22.95	ng	-0.01
41) 2,4,6-Tribromophenol	16.28	330	403733	43.60	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	982184	26.17	ng	0.00
78) Terphenyl-d14	20.16	244	2705310	42.59	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.22	163	251811	5.18	ng	97

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

Quantitation Report (QT Reviewed)

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Acq On : 16 Aug 2016 18:40
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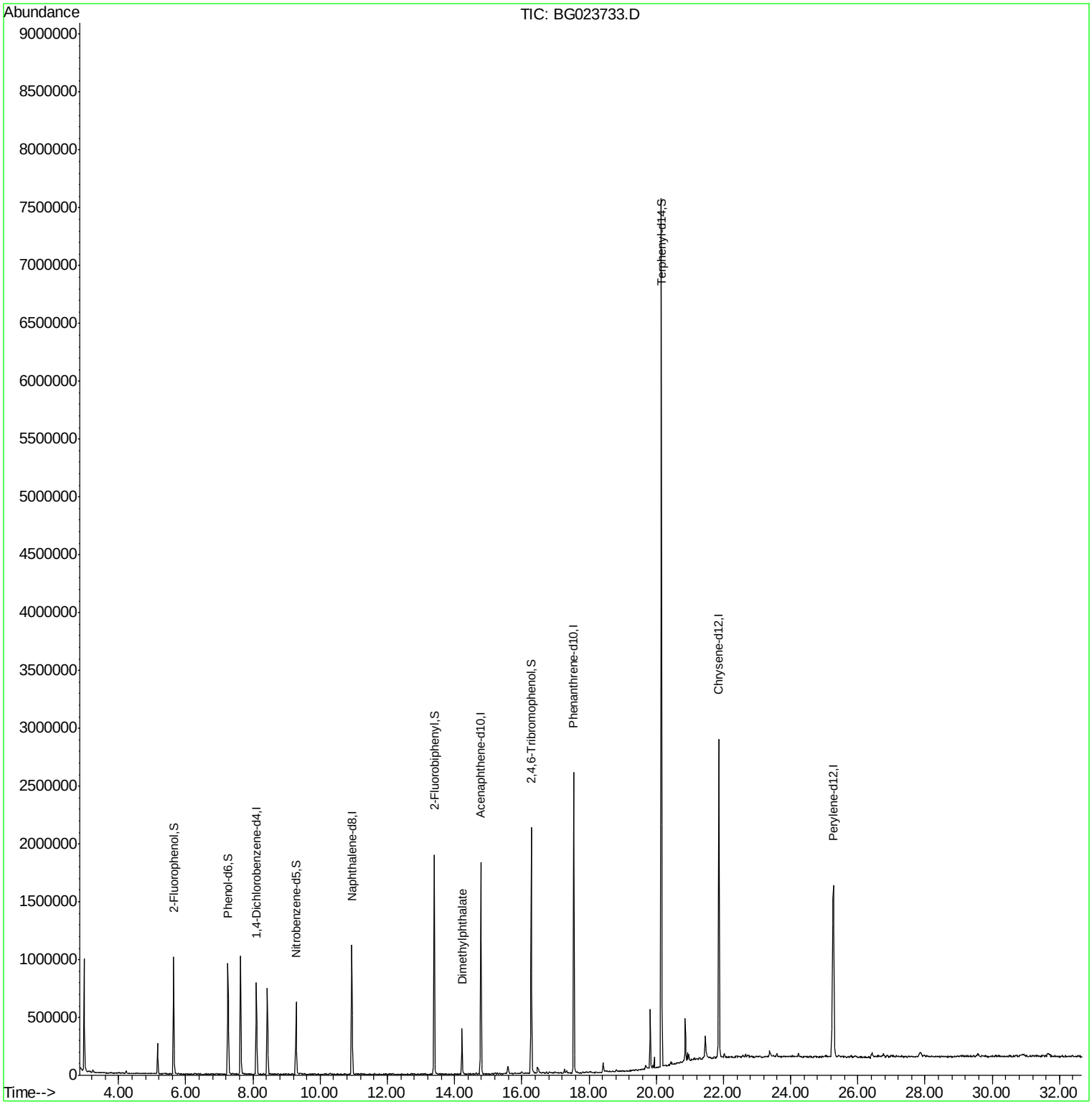
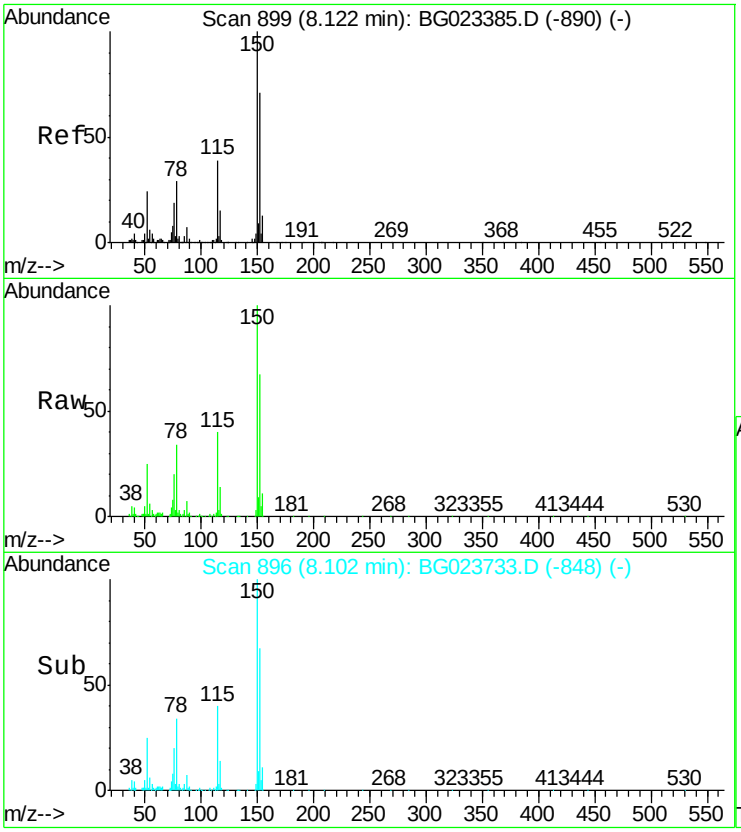


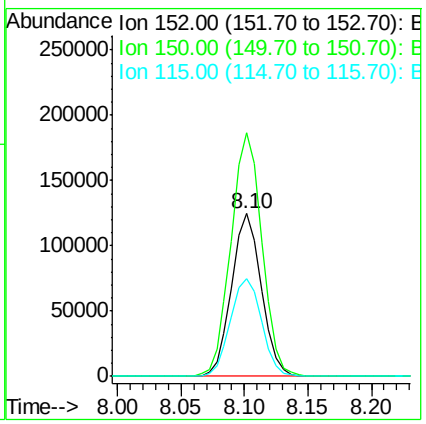


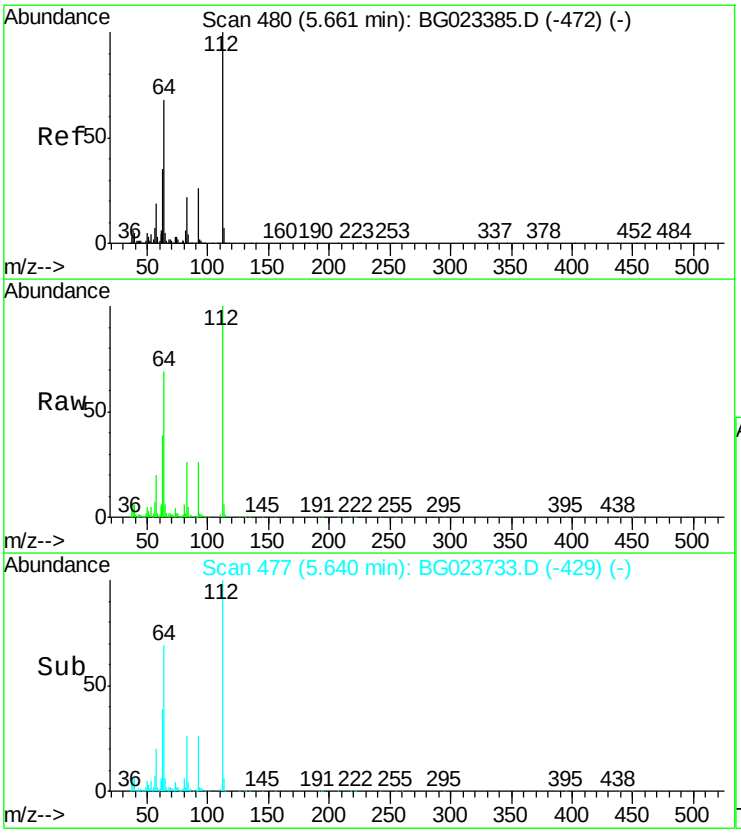
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.10 min Scan# 896
Delta R.T. -0.02 min
Lab File: BG023733.D
Acq: 16 Aug 2016 18:40

Instrument :
BNA_G
ClientSampleId :
SB-58-14.0-15.0RE

Tgt Ion:152 Resp: 202596

Ion	Ratio	Lower	Upper
152	100		
150	149.8	144.7	217.1
115	60.4	64.0	96.0#

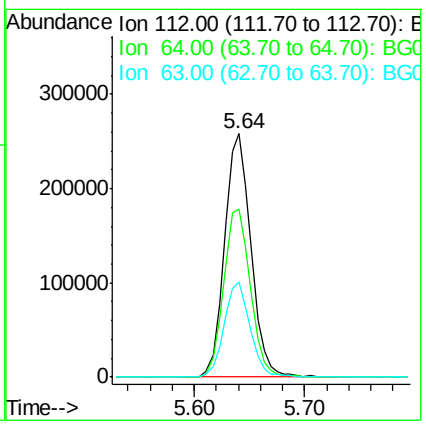


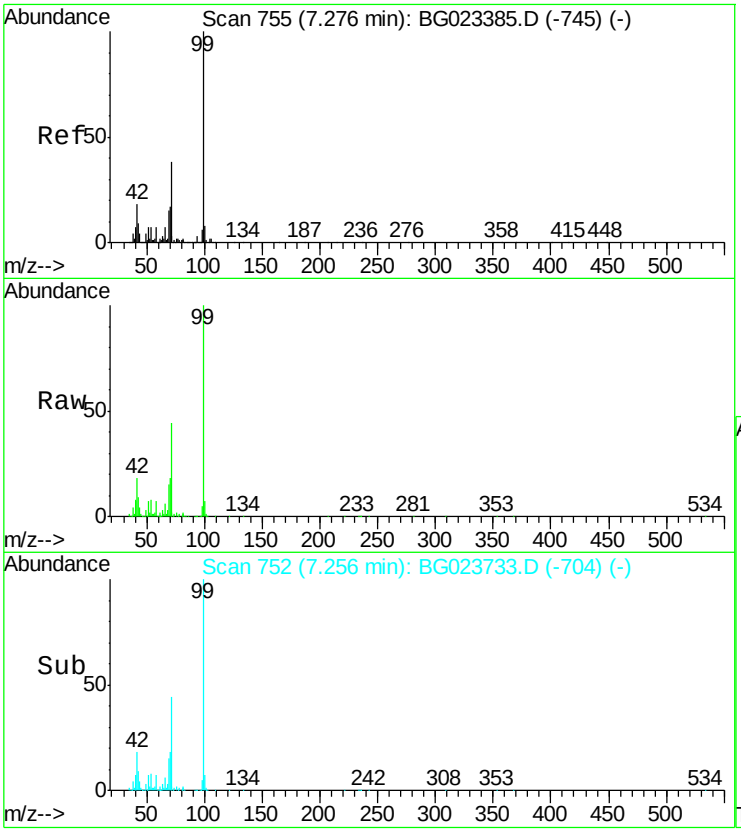


#5
2-Fluorophenol
Concen: 35.84 ng
RT: 5.64 min Scan# 477
Delta R.T. -0.02 min
Lab File: BG023733.D
Acq: 16 Aug 2016 18:40

Tgt Ion:112 Resp: 431399

Ion	Ratio	Lower	Upper
112	100		
64	68.9	59.0	88.4
63	39.3	37.8	56.8



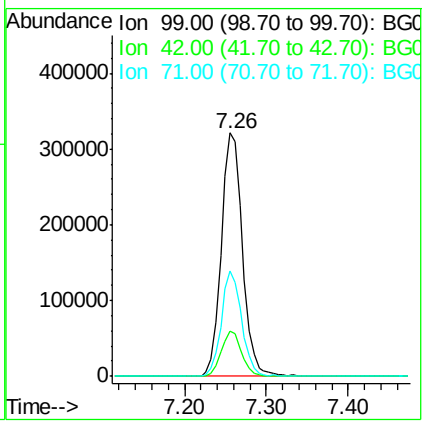


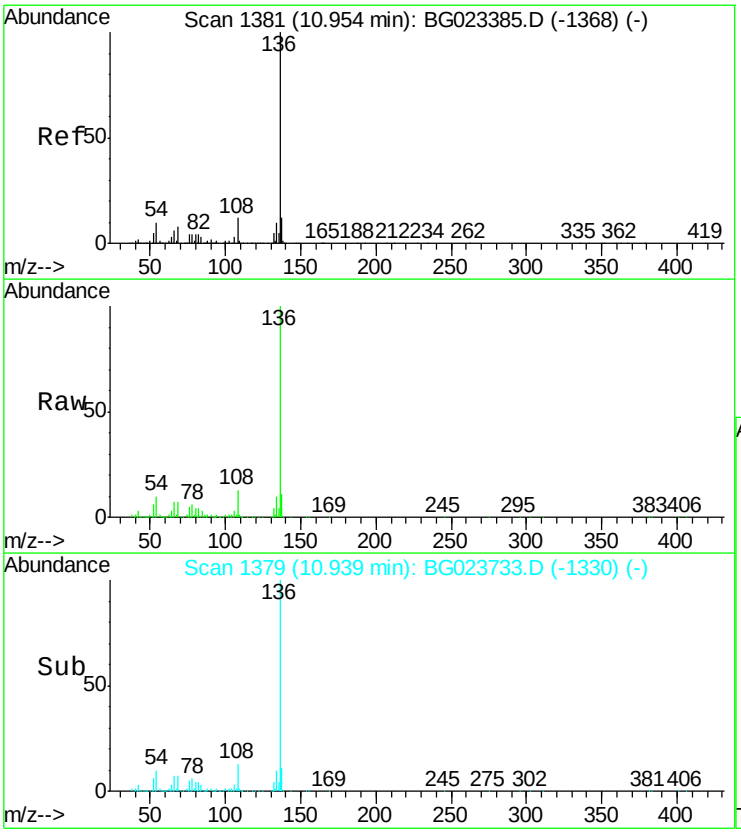
#7
Phenol-d6
Concen: 30.77 ng
RT: 7.26 min Scan# 752
Delta R.T. -0.02 min
Lab File: BG023733.D
Acq: 16 Aug 2016 18:40

Instrument :
BNA_G
ClientSampleId :
SB-58-14.0-15.0RE

Tgt Ion: 99 Resp: 576919

Ion	Ratio	Lower	Upper
99	100		
42	18.5	17.8	26.6
71	43.5	41.5	62.3

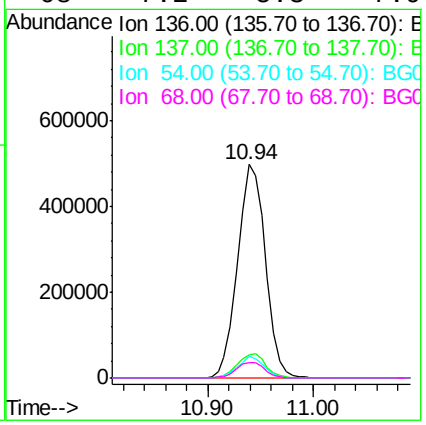


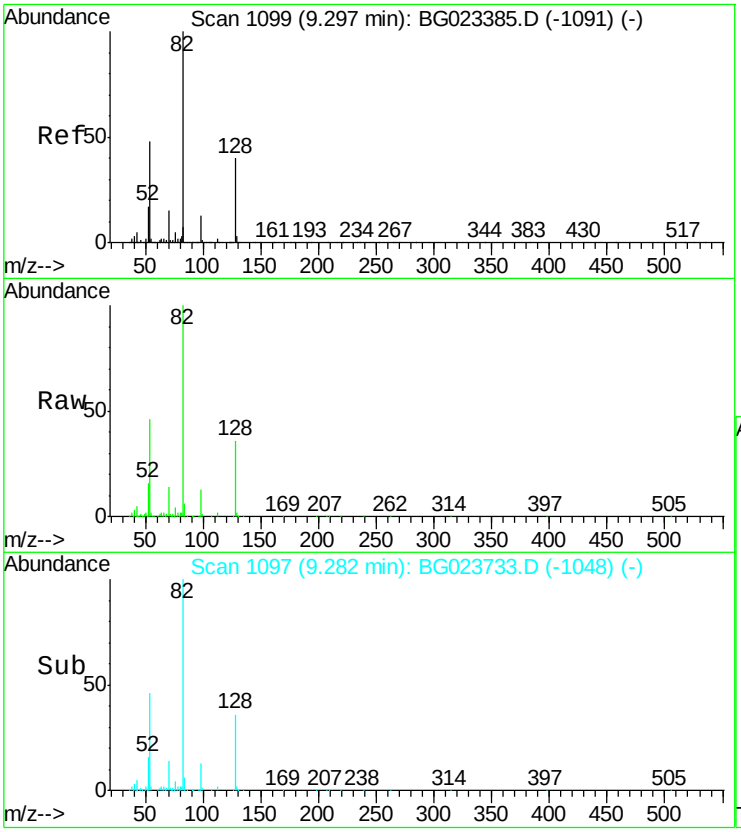


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BG023733.D
Acq: 16 Aug 2016 18:40

Tgt Ion:136 Resp: 910157

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	10.0	7.3	10.9
68	7.2	5.3	7.9



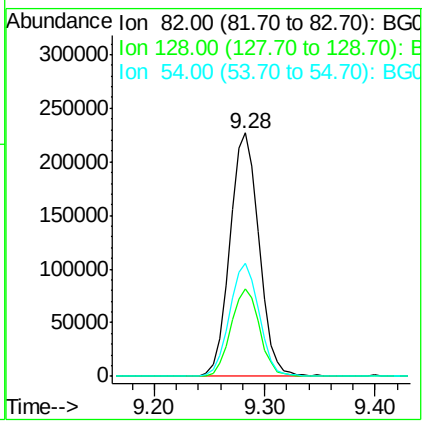


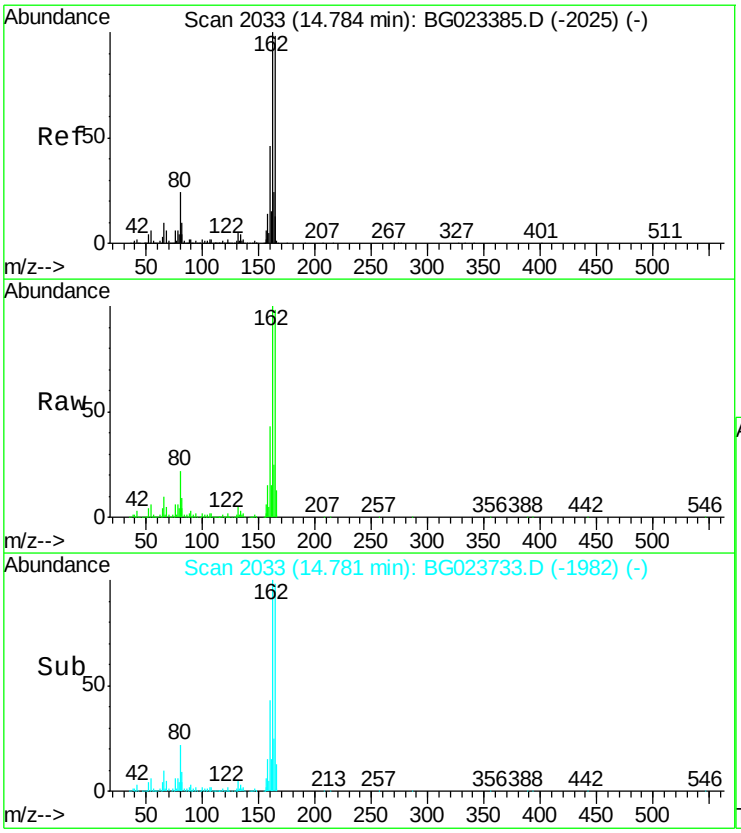
#23
Nitrobenzene-d5
Concen: 22.95 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BG023733.D
Acq: 16 Aug 2016 18:40

Instrument :
BNA_G
ClientSampleId :
SB-58-14.0-15.0RE

Tgt Ion: 82 Resp: 420172

Ion	Ratio	Lower	Upper
82	100		
128	35.8	24.4	36.6
54	46.3	41.4	62.0

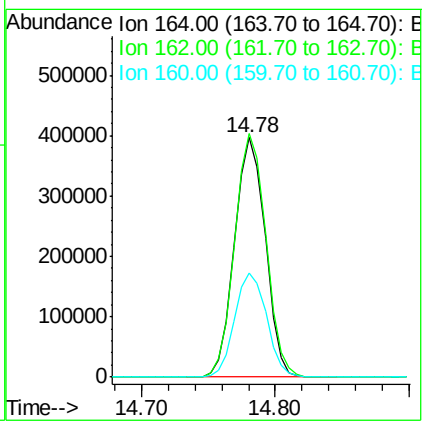


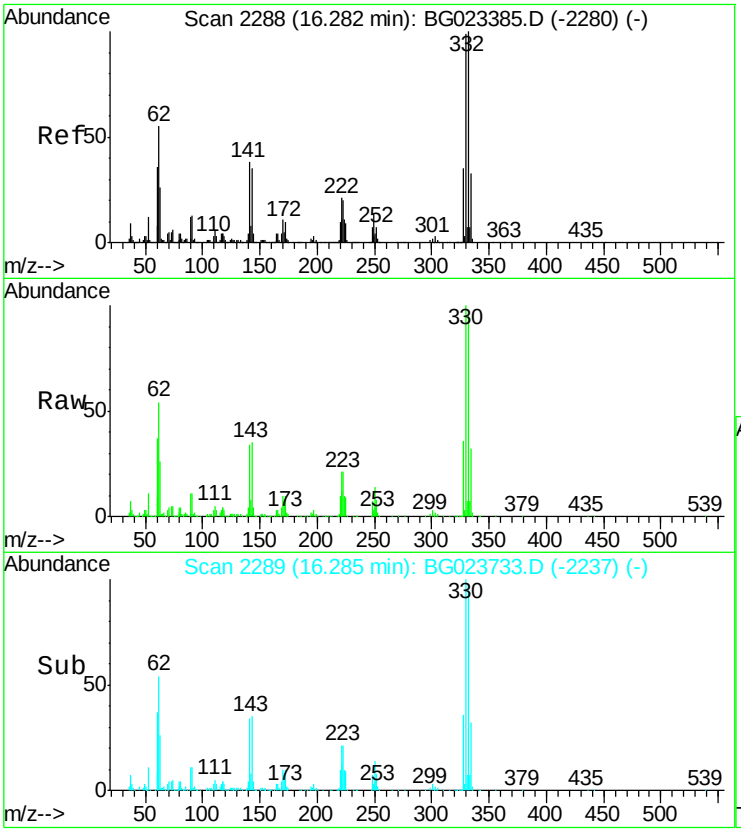


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG023733.D
Acq: 16 Aug 2016 18:40

Tgt Ion:164 Resp: 633135

Ion	Ratio	Lower	Upper
164	100		
162	101.6	87.7	131.5
160	43.4	37.2	55.8



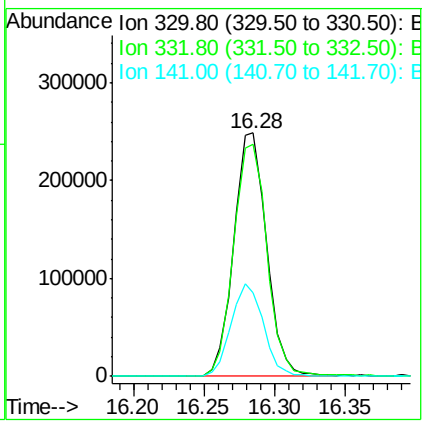


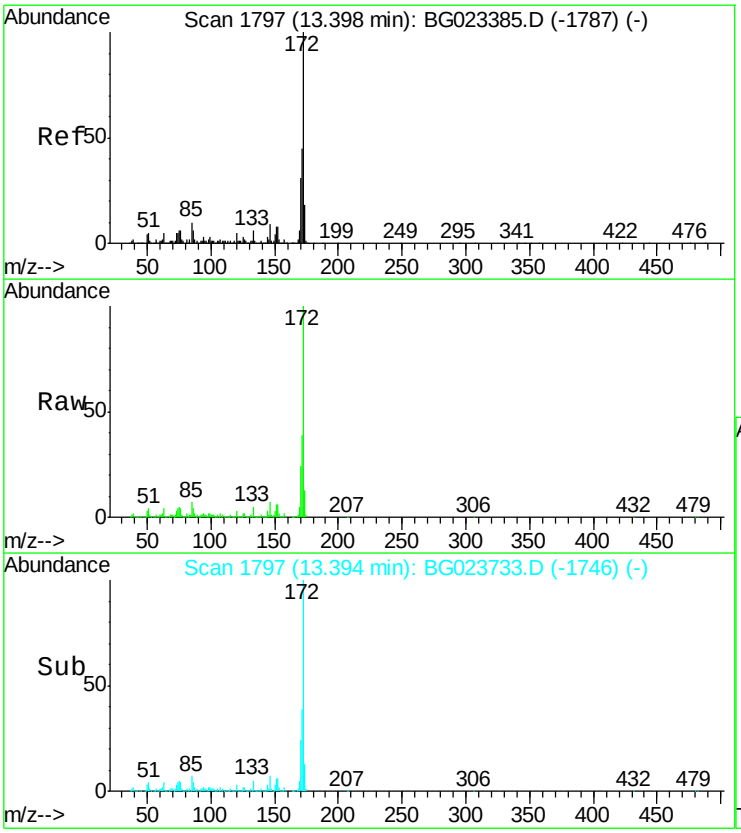
#41
2,4,6-Tribromophenol
Concen: 43.60 ng
RT: 16.28 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG023733.D
Acq: 16 Aug 2016 18:40

Instrument :
BNA_G
ClientSampleId :
SB-58-14.0-15.0RE

Tgt Ion:330 Resp: 403733

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.4	116.2
141	37.5	31.7	47.5

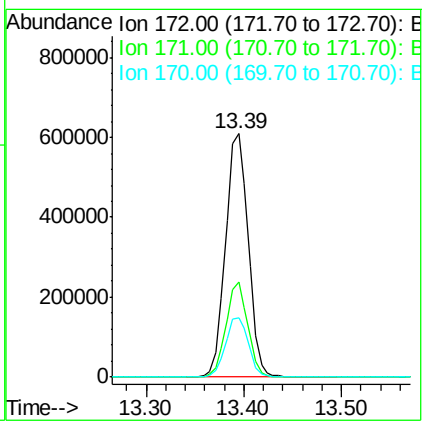


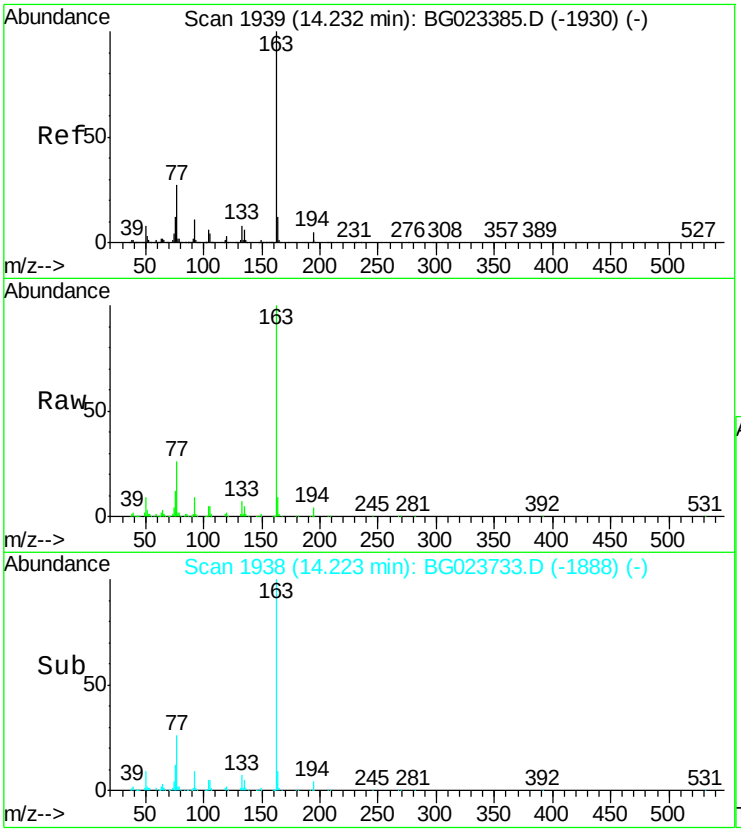


#44
2-Fluorobiphenyl
Concen: 26.17 ng
RT: 13.39 min Scan# 1797
Delta R.T. -0.00 min
Lab File: BG023733.D
Acq: 16 Aug 2016 18:40

Tgt Ion:172 Resp: 982184

Ion	Ratio	Lower	Upper
172	100		
171	39.3	31.6	47.4
170	24.2	21.3	31.9



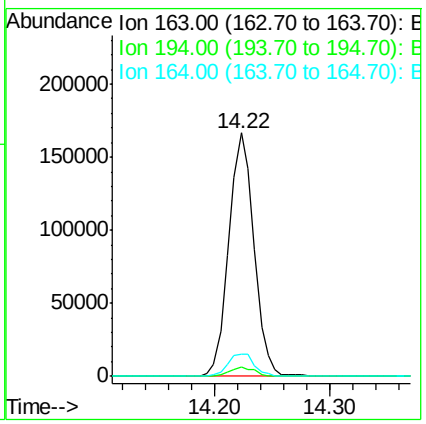


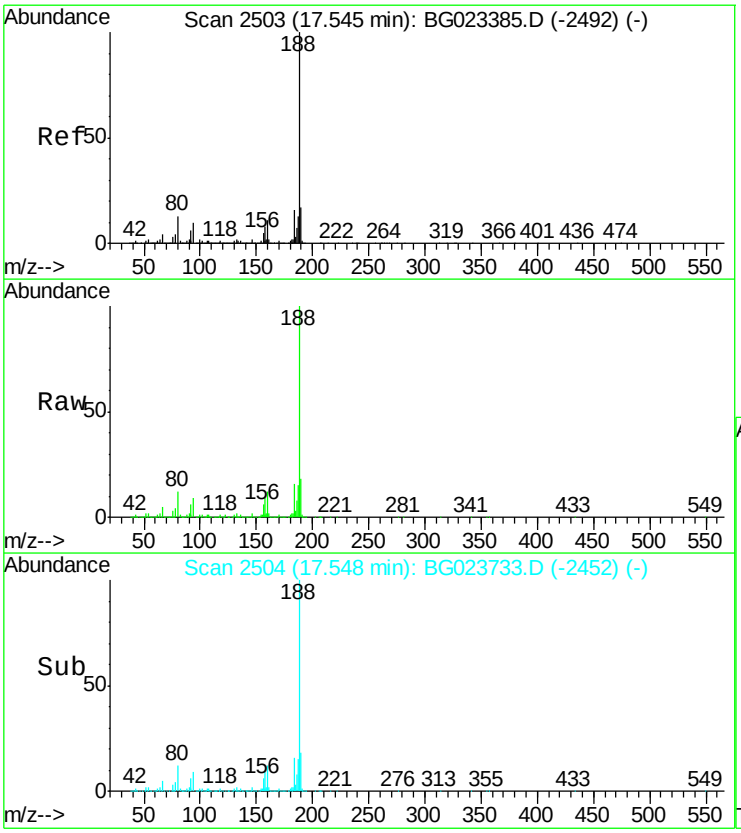
#49
Dimethylphthalate
Concen: 5.18 ng
RT: 14.22 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG023733.D
Acq: 16 Aug 2016 18:40

Instrument :
BNA_G
ClientSampleId :
SB-58-14.0-15.0RE

Tgt Ion:163 Resp: 251811

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.6	5.4
164	9.0	8.1	12.1

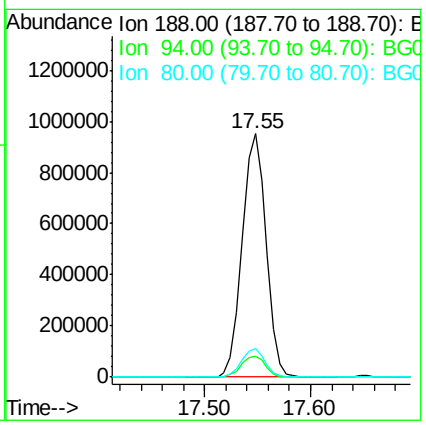


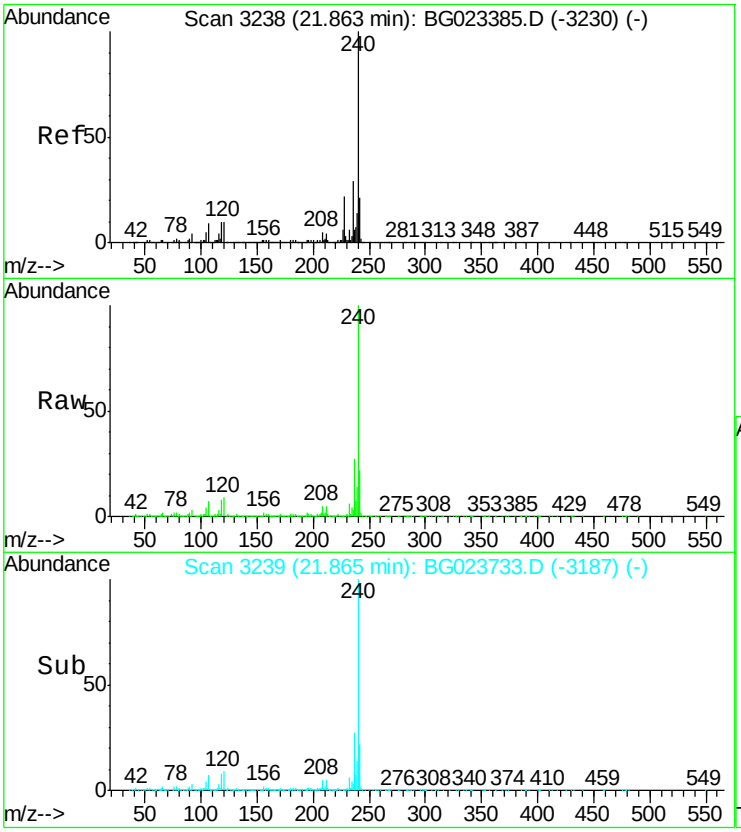


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG023733.D
Acq: 16 Aug 2016 18:40

Tgt Ion:188 Resp: 1494336

Ion	Ratio	Lower	Upper
188	100		
94	8.8	5.2	7.8#
80	12.0	7.2	10.8#



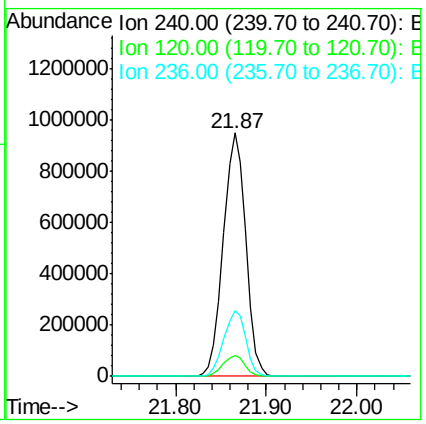


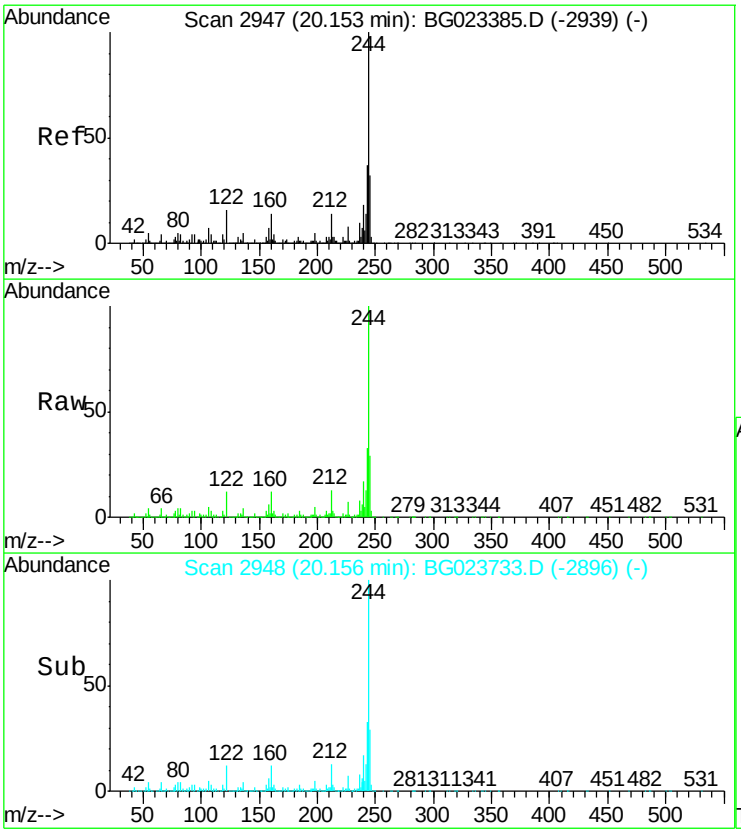
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3239
Delta R.T. 0.00 min
Lab File: BG023733.D
Acq: 16 Aug 2016 18:40

Instrument :
BNA_G
ClientSampleId :
SB-58-14.0-15.0RE

Tgt Ion:240 Resp: 1623545

Ion	Ratio	Lower	Upper
240	100		
120	8.6	4.1	6.1#
236	27.2	21.1	31.7

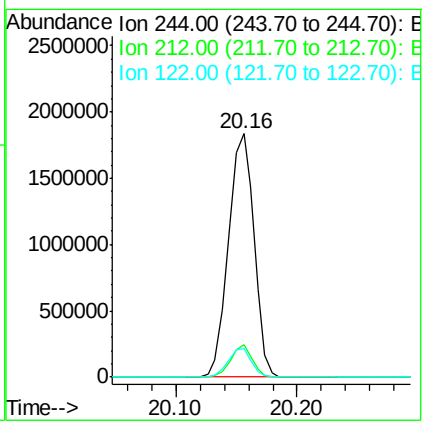


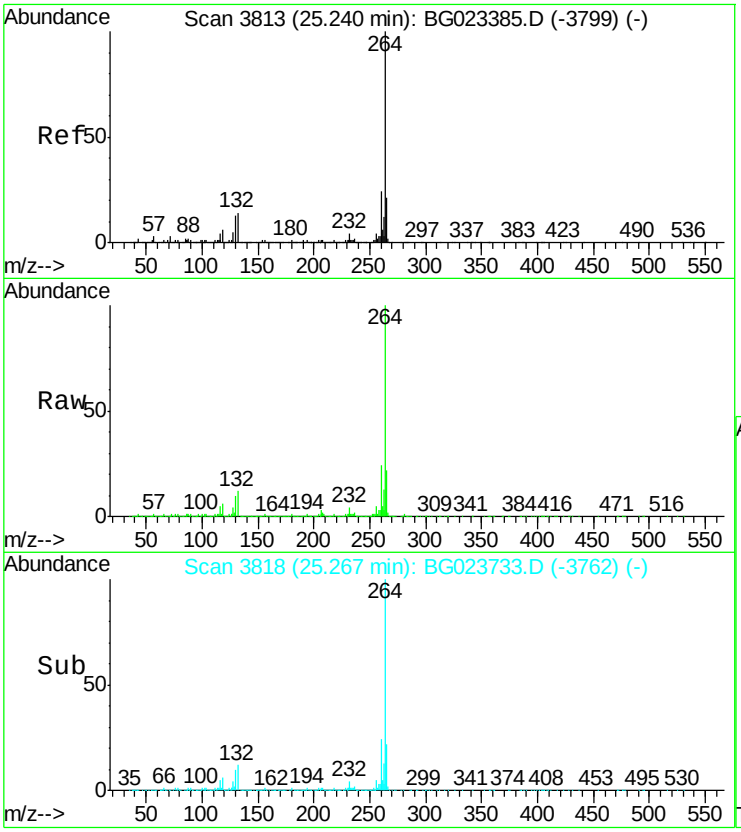


#78
Terphenyl-d14
Concen: 42.59 ng
RT: 20.16 min Scan# 2948
Delta R.T. 0.00 min
Lab File: BG023733.D
Acq: 16 Aug 2016 18:40

Tgt Ion:244 Resp: 2705310

Ion	Ratio	Lower	Upper
244	100		
212	13.2	10.8	16.2
122	11.8	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.27 min Scan# 3818
Delta R.T. 0.03 min
Lab File: BG023733.D
Acq: 16 Aug 2016 18:40

Instrument :
BNA_G
ClientSampleId :
SB-58-14.0-15.0RE

Tgt Ion:264 Resp: 1659600

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	21.9	18.9	28.3