Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062518\
Data File : BG035391.D
Acq On : 26 Jun 2018 00:39
Operator : JU/SJ
Sample : J3241-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-06-062218-B

Quant Time: Jun 26 07:16:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54725	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	198552	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	141513	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	378985	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	427231	20.00	ng	-0.04
86) Perylene-d12	24.89	264	402490	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	436303	134.55	ng	-0.01
7) Phenol-d6	7.21	99	587585	122.77	ng	-0.01
23) Nitrobenzene-d5	9.21	82	429936	102.93	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	319464	176.35	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	988175	90.78	ng	-0.03
78) Terphenyl-d14	20.02	244	1874029	91.88	ng	-0.02
Target Compounds						Qvalue
76) Benzidine	19.64	184	126762	7.975	ng	98

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

Quantitation Report (QT Reviewed)

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Acq On : 26 Jun 2018 00:39
Operator : JU/SJ
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Misc :
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Instrument : BNA_G
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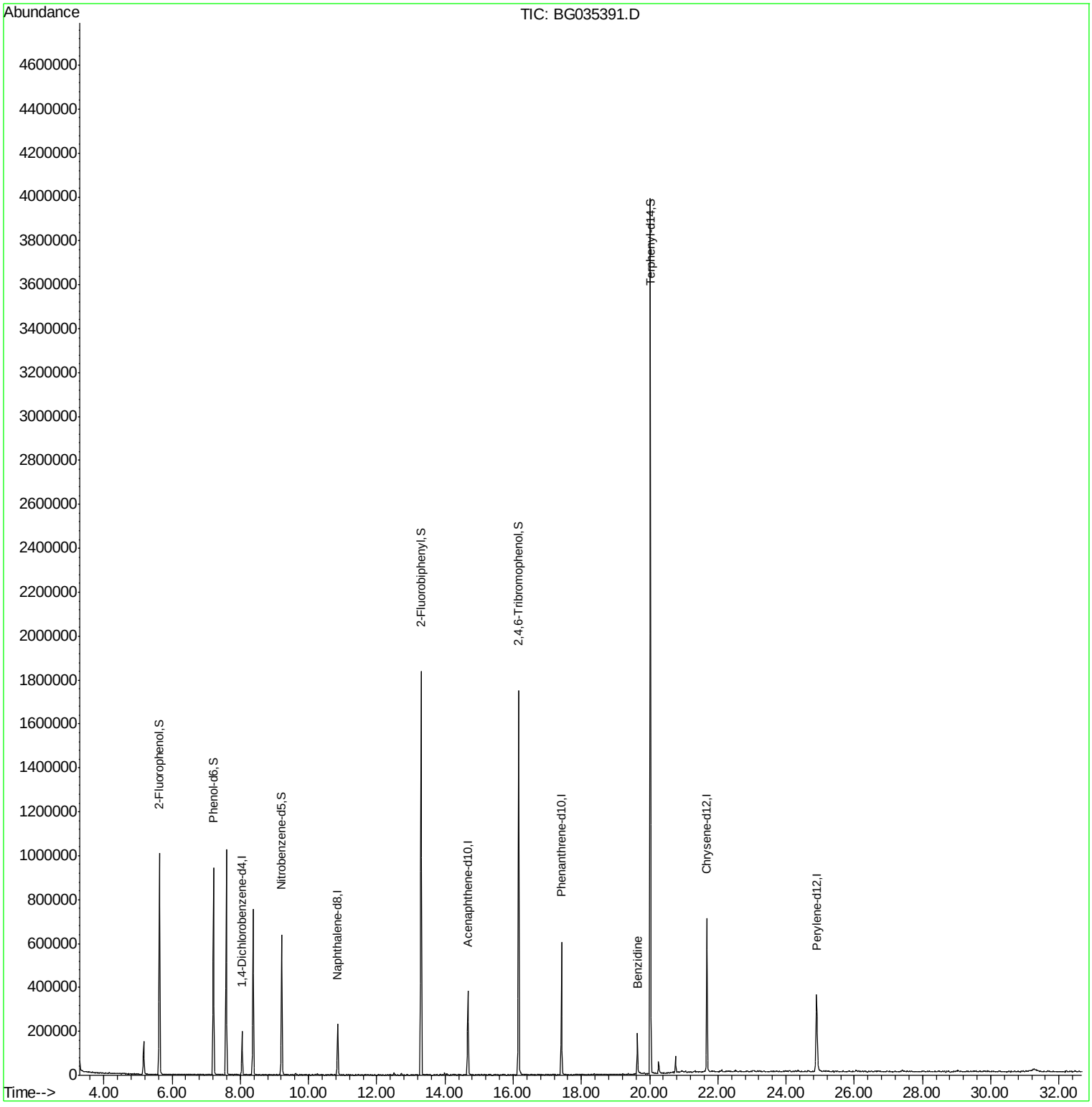
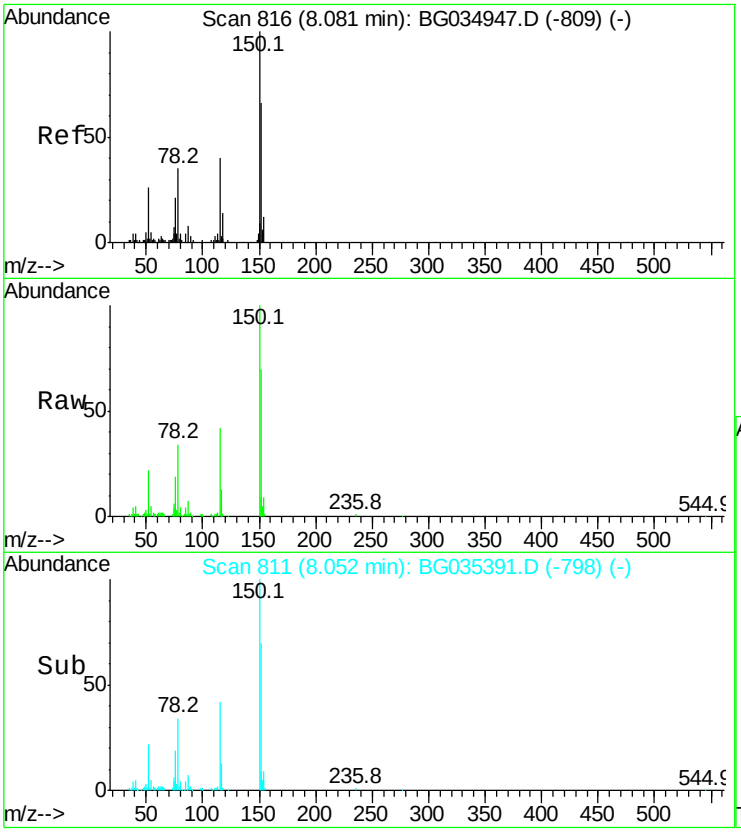
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration



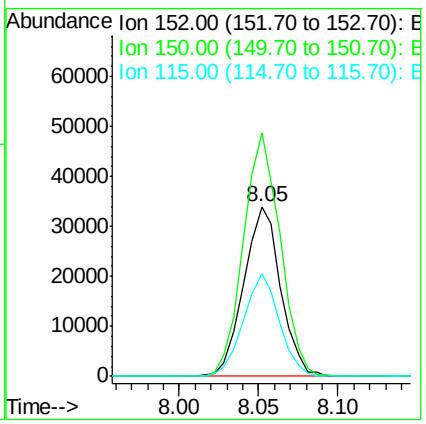


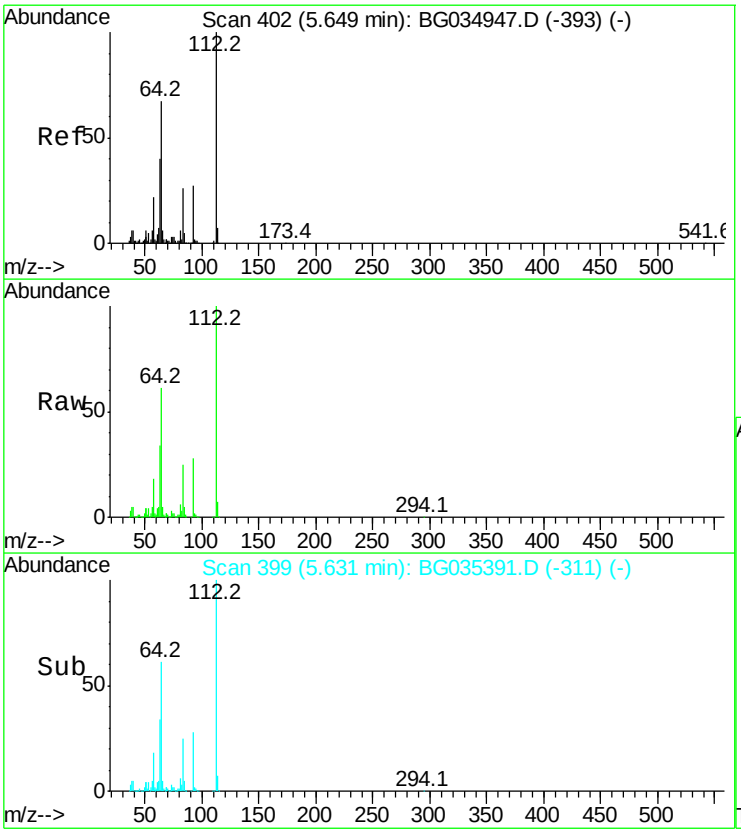
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035391.D
Acq: 26 Jun 2018 00:39

Instrument :
BNA_G
ClientSampleId :
HR-06-062218-B

Tgt Ion:152 Resp: 54725

Ion	Ratio	Lower	Upper
152	100		
150	143.6	126.6	189.8
115	60.4	53.0	79.4

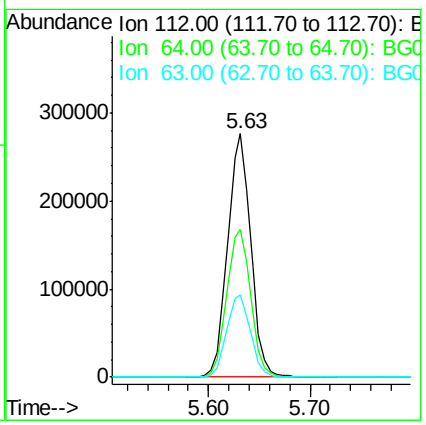


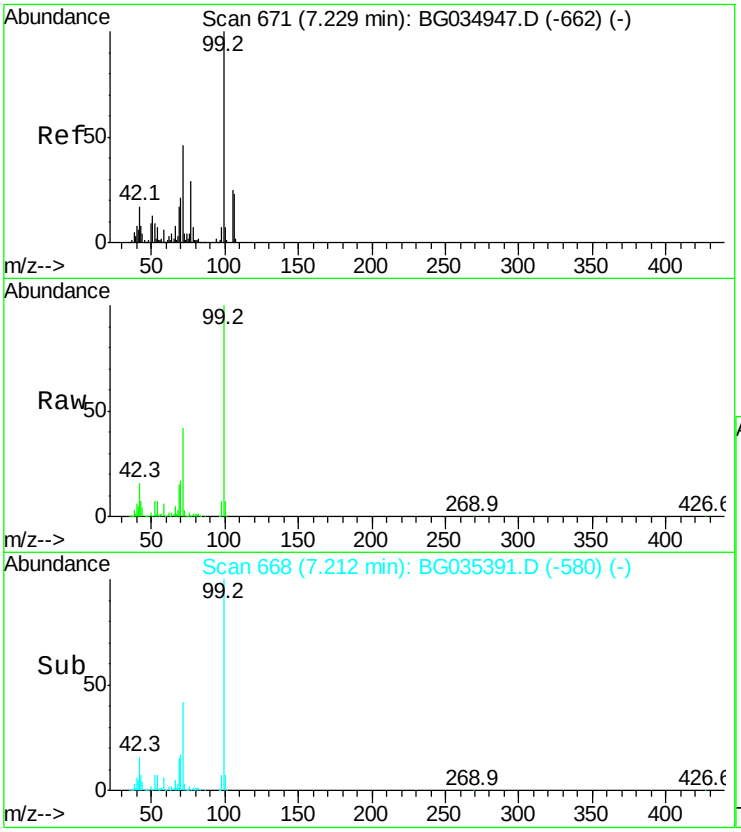


#5
2-Fluorophenol
Concen: 134.547 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035391.D
Acq: 26 Jun 2018 00:39

Tgt Ion:112 Resp: 436303

Ion	Ratio	Lower	Upper
112	100		
64	60.7	56.3	84.5
63	34.0	30.1	45.1



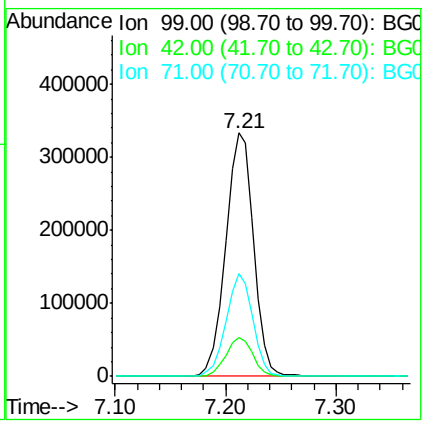


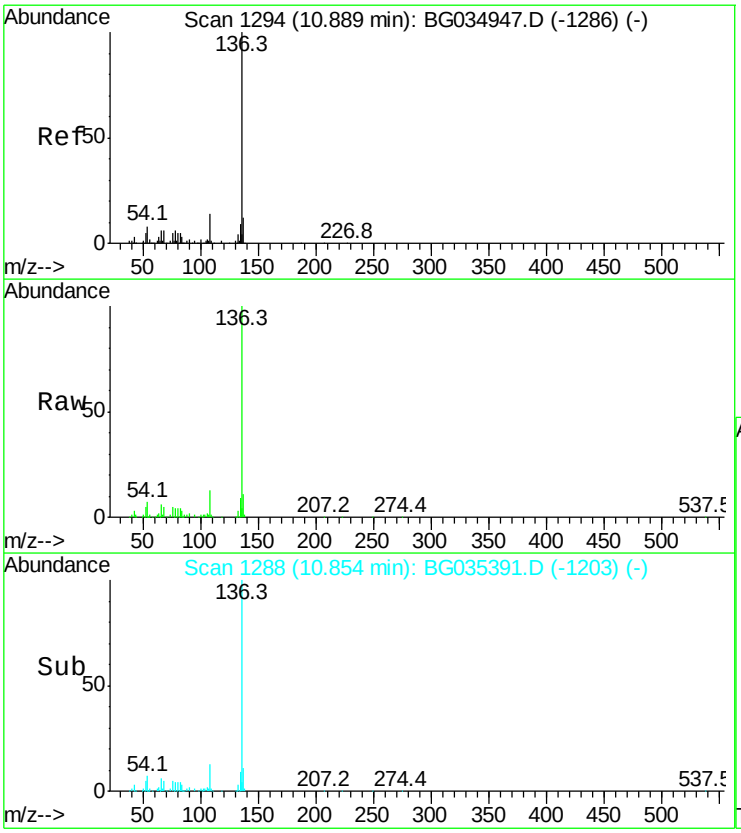
#7
Phenol-d6
Concen: 122.769 ng
RT: 7.21 min Scan# 668
Delta R.T. -0.01 min
Lab File: BG035391.D
Acq: 26 Jun 2018 00:39

Instrument :
BNA_G
ClientSampleId :
HR-06-062218-B

Tgt Ion: 99 Resp: 587585

Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.1	21.1
71	42.3	26.1	39.1#

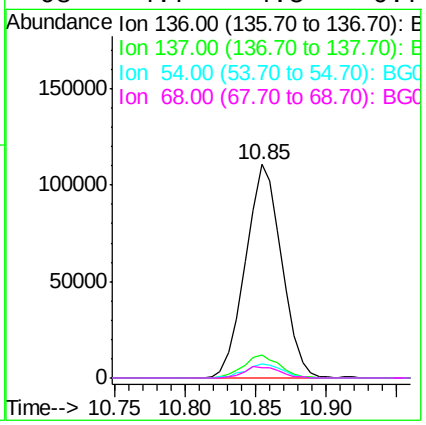


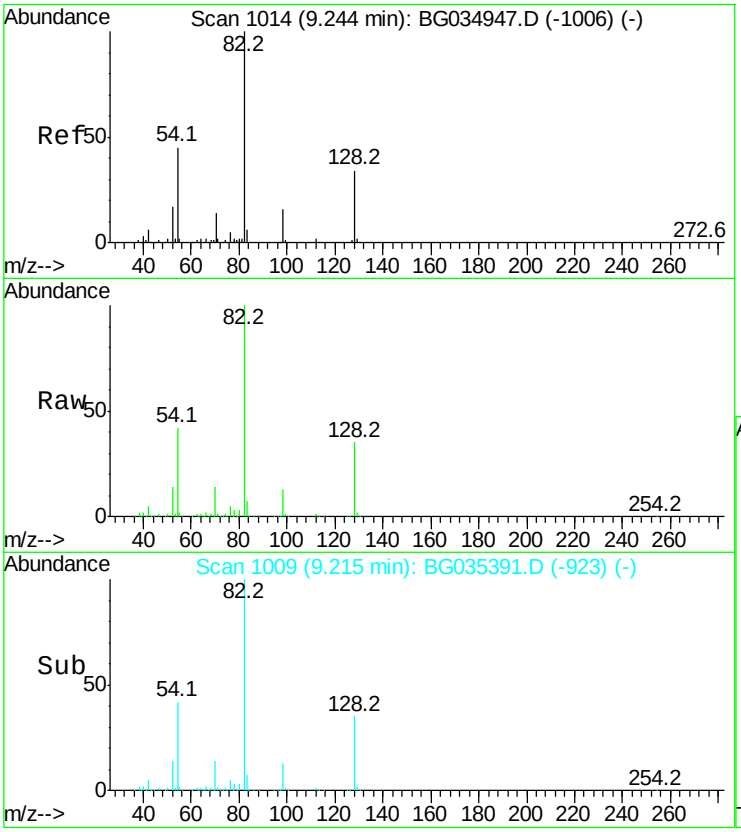


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035391.D
Acq: 26 Jun 2018 00:39

Tgt Ion:136 Resp: 198552

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	6.6	10.3	15.5#
68	4.7	4.5	6.7



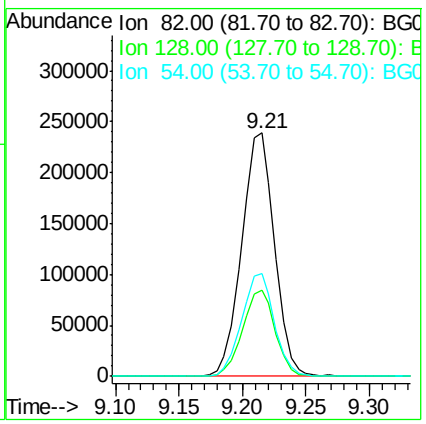


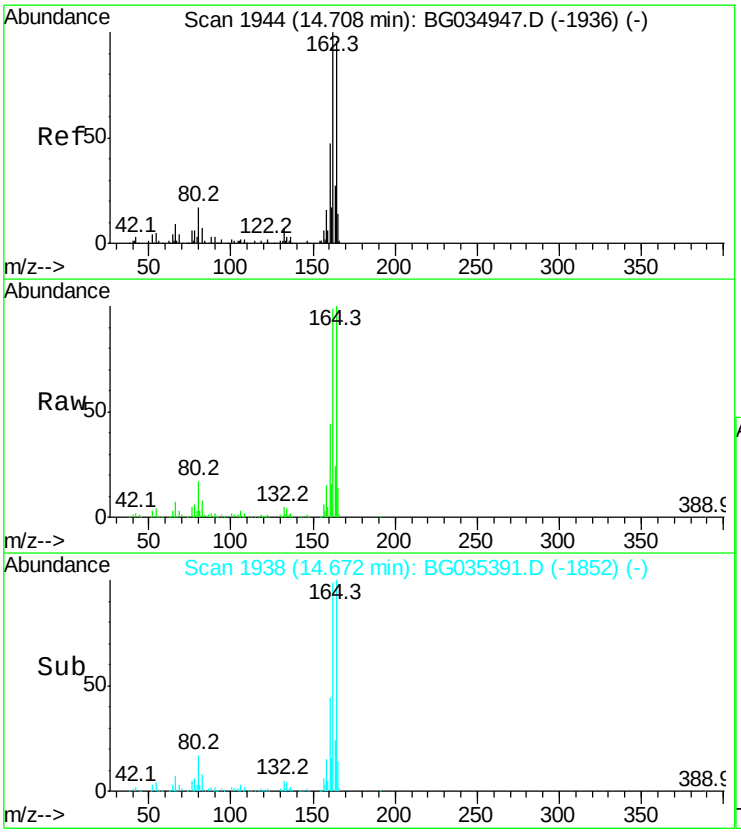
#23
Nitrobenzene-d5
Concen: 102.929 ng
RT: 9.21 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035391.D
Acq: 26 Jun 2018 00:39

Instrument : BNA_G
ClientSampleId : HR-06-062218-B

Tgt Ion: 82 Resp: 429936

Ion	Ratio	Lower	Upper
82	100		
128	35.2	29.7	44.5
54	42.1	43.1	64.7#

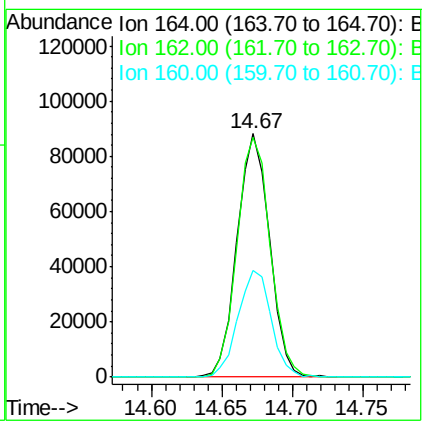


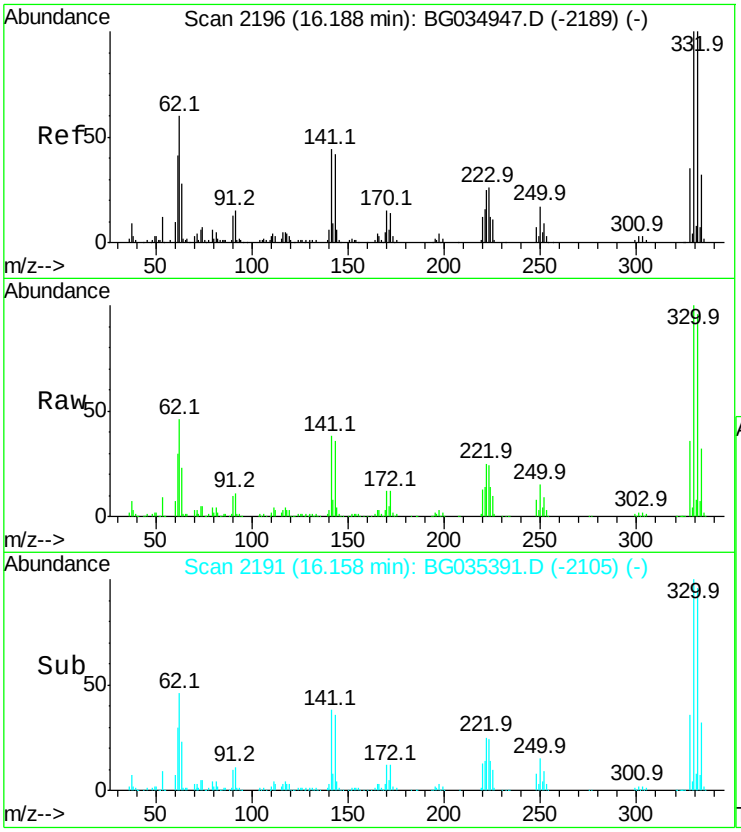


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG035391.D
Acq: 26 Jun 2018 00:39

Tgt Ion:164 Resp: 141513

Ion	Ratio	Lower	Upper
164	100		
162	98.5	78.8	118.2
160	44.0	35.4	53.0



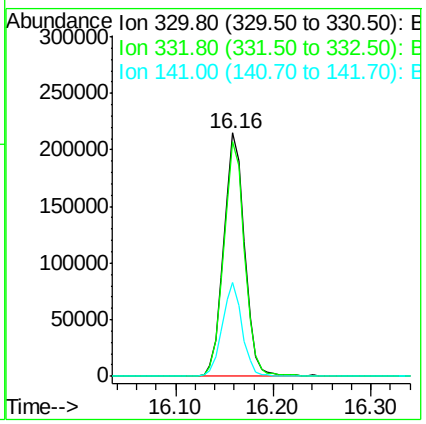


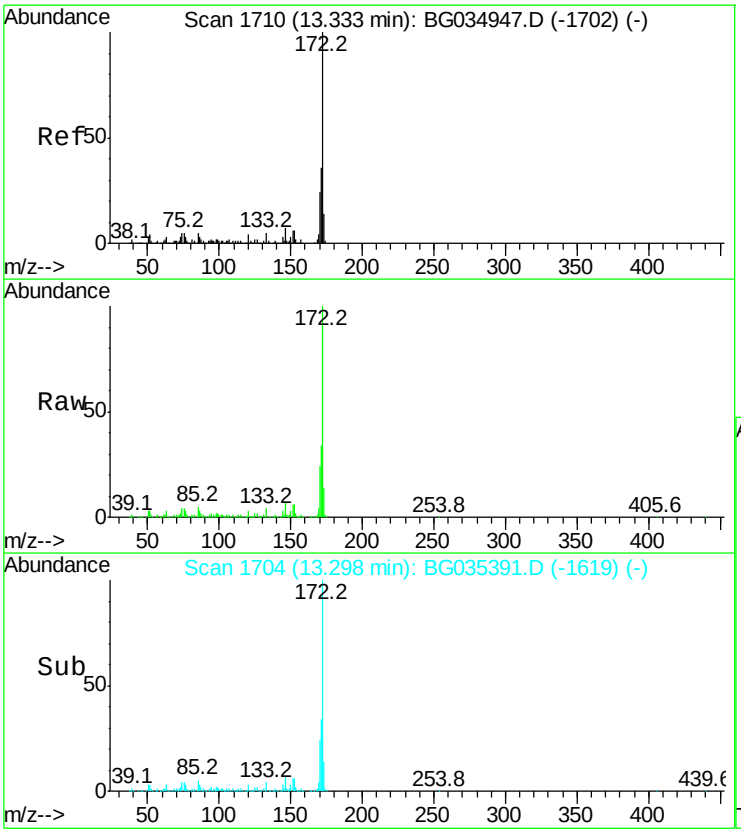
#41
2,4,6-Tribromophenol
Concen: 176.349 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BG035391.D
Acq: 26 Jun 2018 00:39

Instrument :
BNA_G
ClientSampleId :
HR-06-062218-B

Tgt Ion:330 Resp: 319464

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	36.7	25.2	37.8

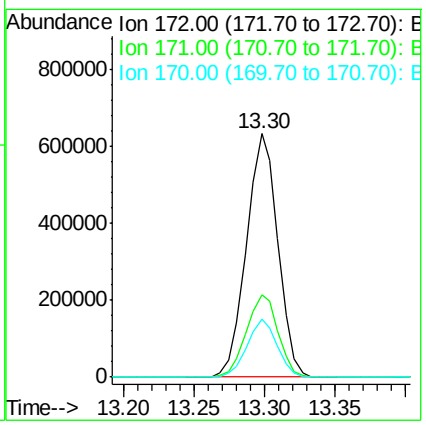


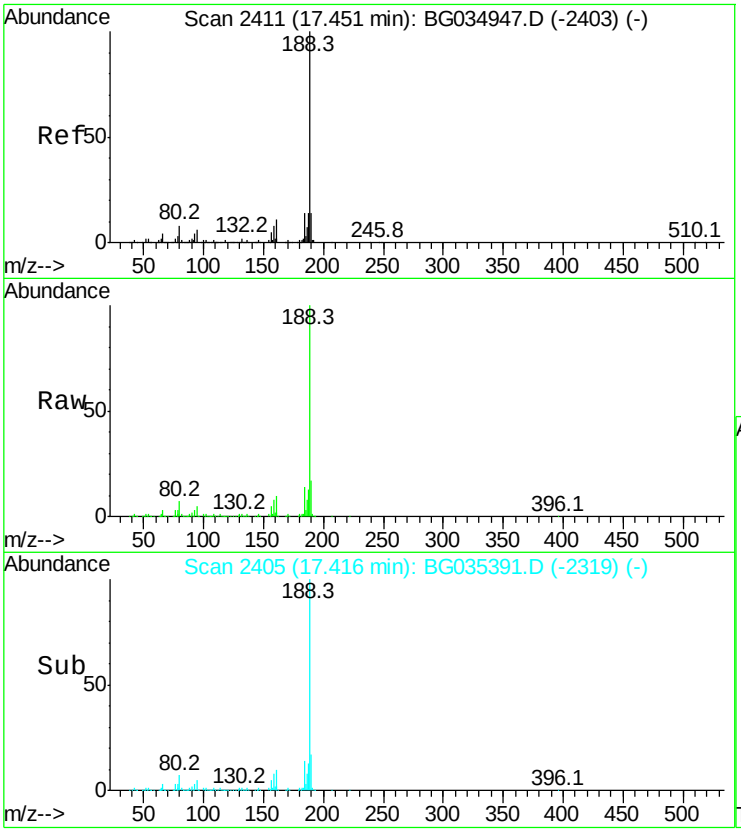


#44
2-Fluorobiphenyl
Concen: 90.778 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.03 min
Lab File: BG035391.D
Acq: 26 Jun 2018 00:39

Tgt Ion:172 Resp: 988175

Ion	Ratio	Lower	Upper
172	100		
171	34.0	30.0	45.0
170	23.8	19.5	29.3



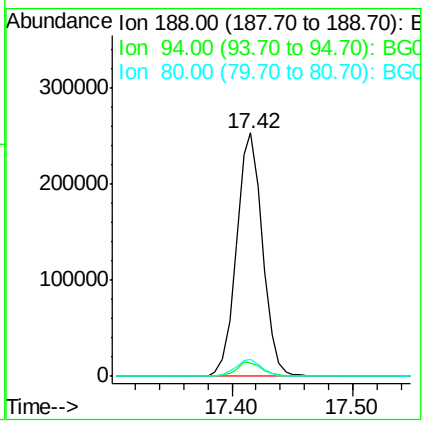


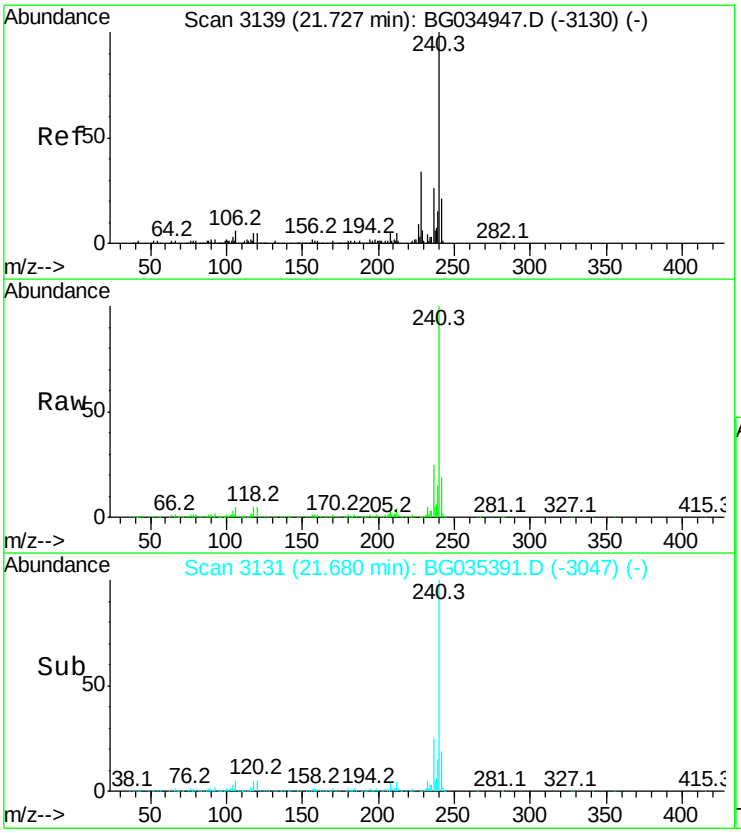
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035391.D
Acq: 26 Jun 2018 00:39

Instrument :
BNA_G
ClientSampleId :
HR-06-062218-B

Tgt Ion:188 Resp: 378985

Ion	Ratio	Lower	Upper
188	100		
94	5.4	6.9	10.3#
80	7.2	7.7	11.5#

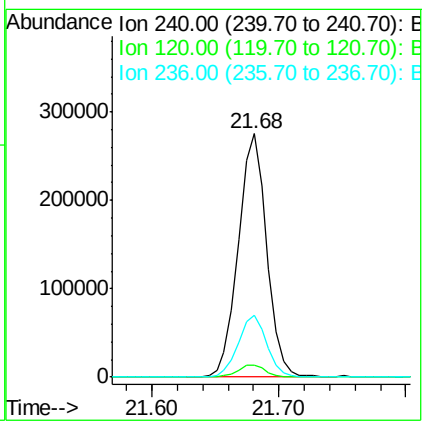


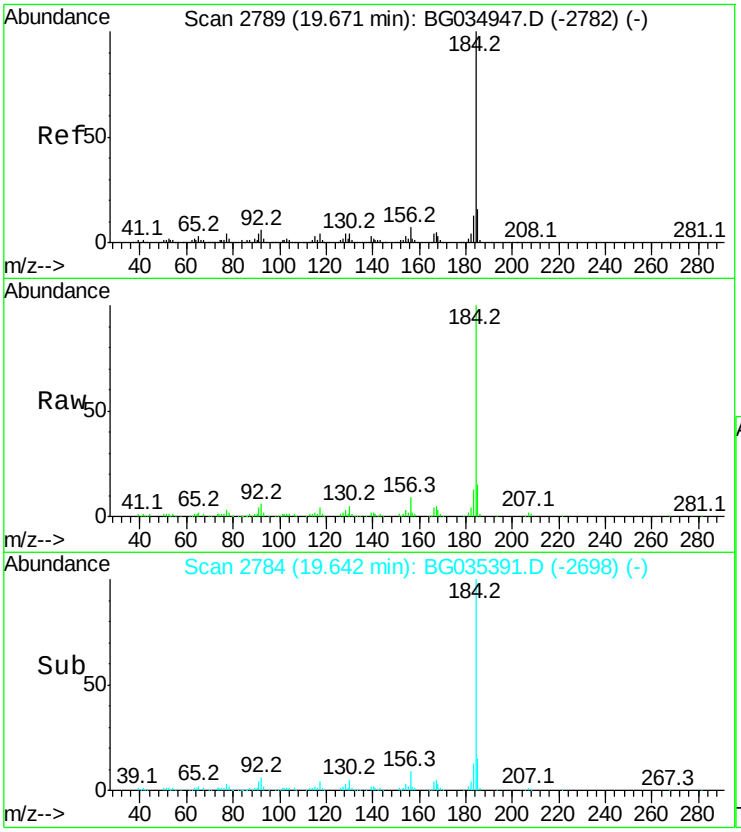


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.04 min
Lab File: BG035391.D
Acq: 26 Jun 2018 00:39

Tgt Ion:240 Resp: 427231

Ion	Ratio	Lower	Upper
240	100		
120	4.7	6.8	10.2#
236	25.4	20.9	31.3



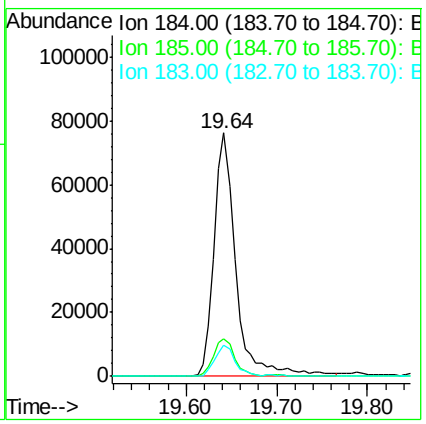


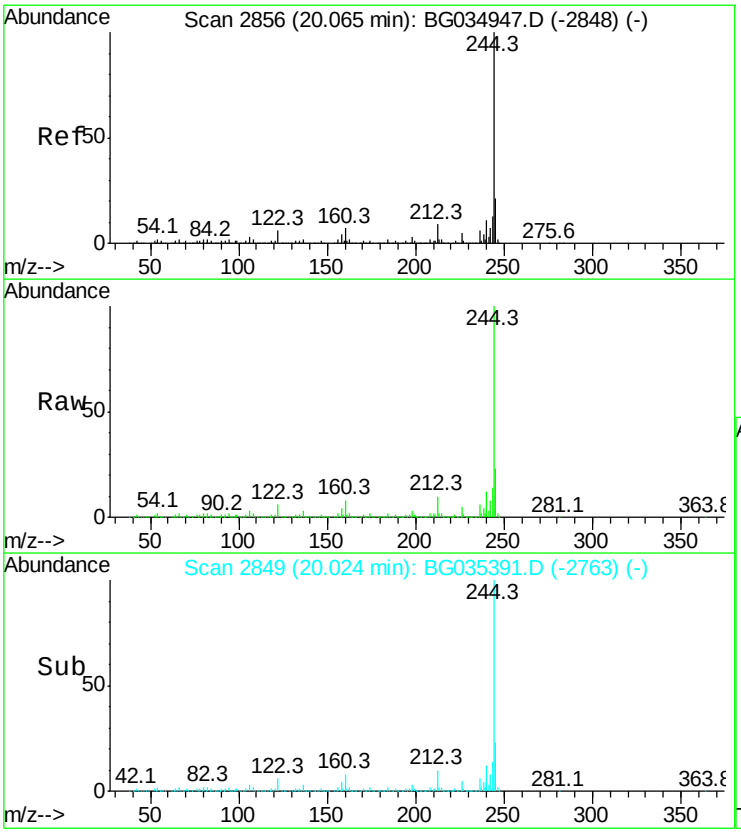
#76
Benzidine
Concen: 7.975 ng
RT: 19.64 min Scan# 2784
Delta R.T. -0.02 min
Lab File: BG035391.D
Acq: 26 Jun 2018 00:39

Instrument :
BNA_G
ClientSampleId :
HR-06-062218-B

Tgt Ion:184 Resp: 126762

Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.1	16.7
183	13.0	10.6	16.0

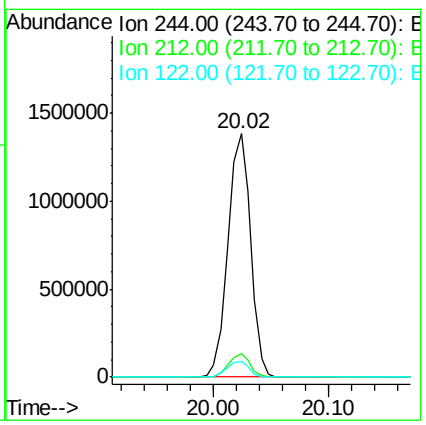


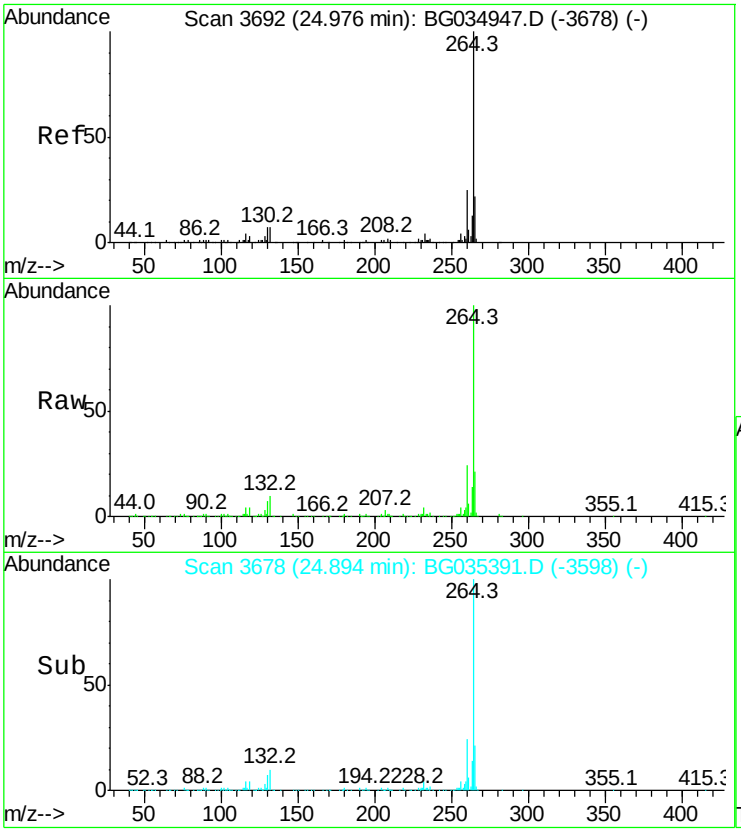


#78
Terphenyl-d14
Concen: 91.882 ng
RT: 20.02 min Scan# 2849
Delta R.T. -0.02 min
Lab File: BG035391.D
Acq: 26 Jun 2018 00:39

Tgt Ion:244 Resp: 1874029

Ion	Ratio	Lower	Upper
244	100		
212	9.6	5.8	8.8#
122	6.5	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3678
Delta R.T. -0.06 min
Lab File: BG035391.D
Acq: 26 Jun 2018 00:39

Instrument :
BNA_G
ClientSampleId :
HR-06-062218-B

Tgt Ion:264 Resp: 402490

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	21.3	17.7	26.5