Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072018\
Data File : BG035793.D
Acq On : 20 Jul 2018 20:44
Operator : JU/SJ
Sample : J3357-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW1

Quant Time: Jul 21 01:05:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 15:28:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	53441	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	197444	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	132198	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	355649	20.00	ng	0.00
75) Chrysene-d12	21.66	240	407962	20.00	ng	0.00
86) Perylene-d12	24.85	264	403102	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	214701	66.70	ng	0.00
7) Phenol-d6	7.19	99	189930	39.55	ng	0.00
23) Nitrobenzene-d5	9.20	82	435266	92.09	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	285229	163.69	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	973050	98.61	ng	0.00
78) Terphenyl-d14	20.01	244	1698044	91.75	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.88	128	598804	58.221	ng	# 97
37) 2-Methylnaphthalene	12.49	142	841306	109.795	ng	# 91
49) Dimethylphthalate	14.10	163	125655	10.849	ng	99

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

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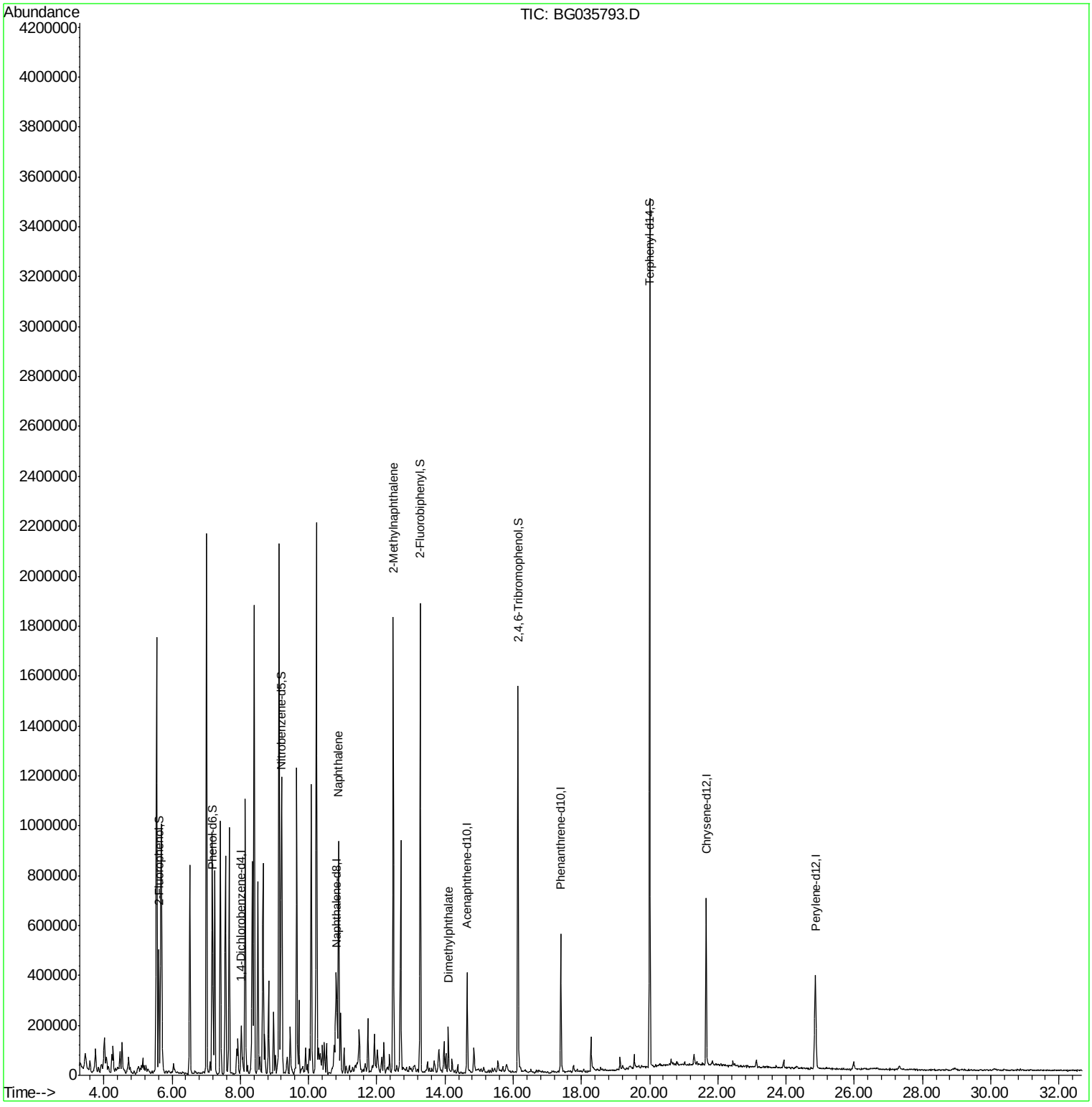
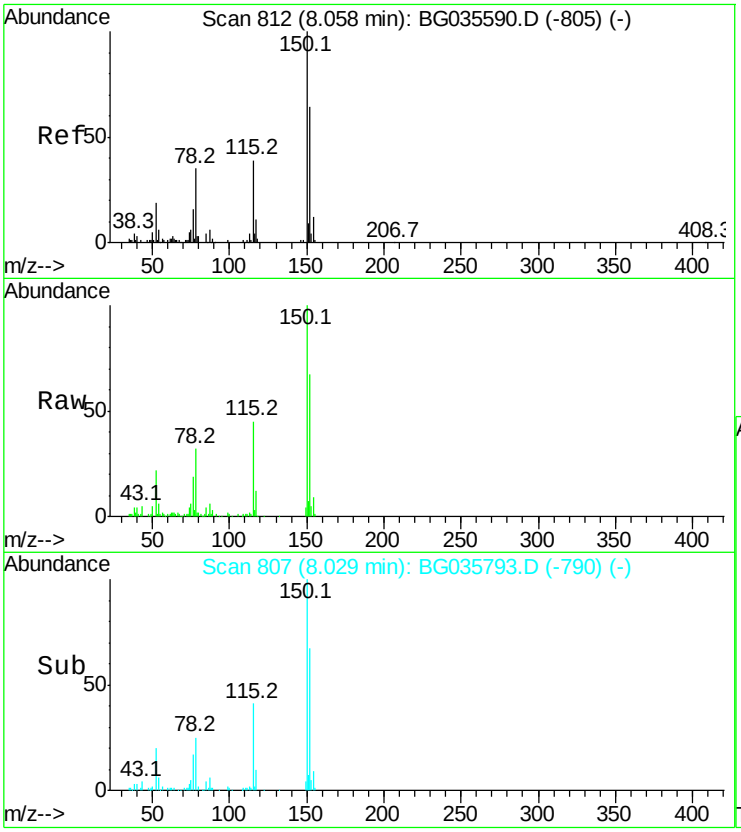


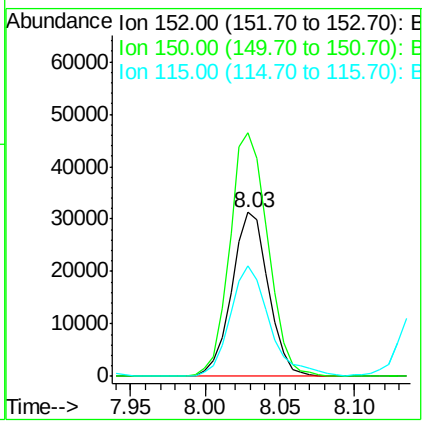


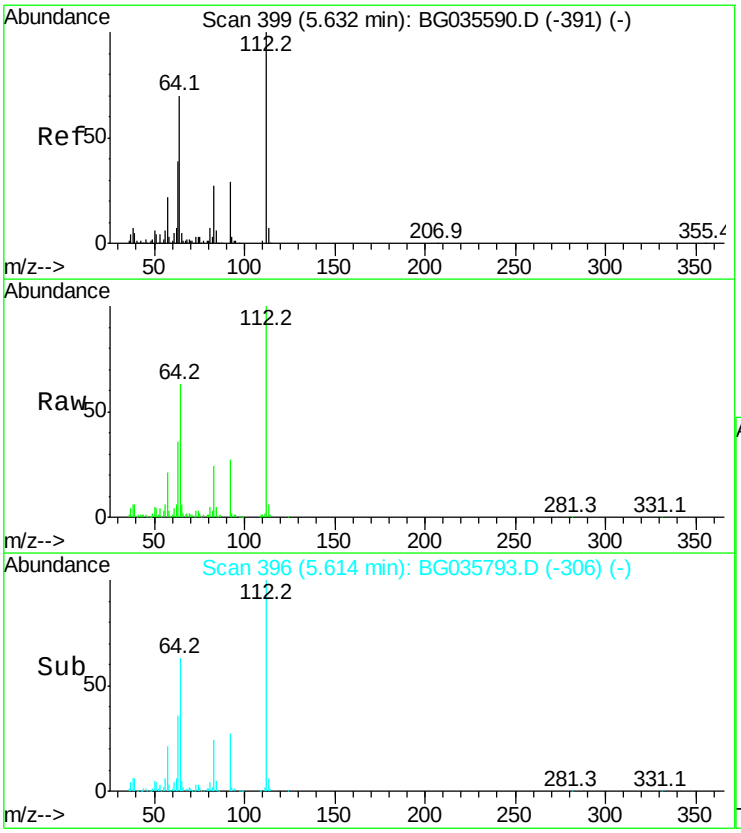
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035793.D
Acq: 20 Jul 2018 20:44

Instrument :
BNA_G
ClientSampleId :
MW1

Tgt Ion:152 Resp: 53441

Ion	Ratio	Lower	Upper
152	100		
150	148.4	126.6	189.8
115	67.2	53.0	79.4

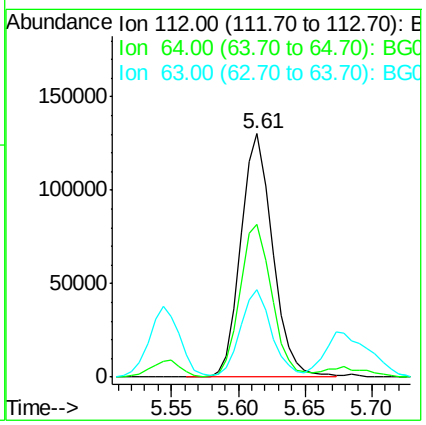


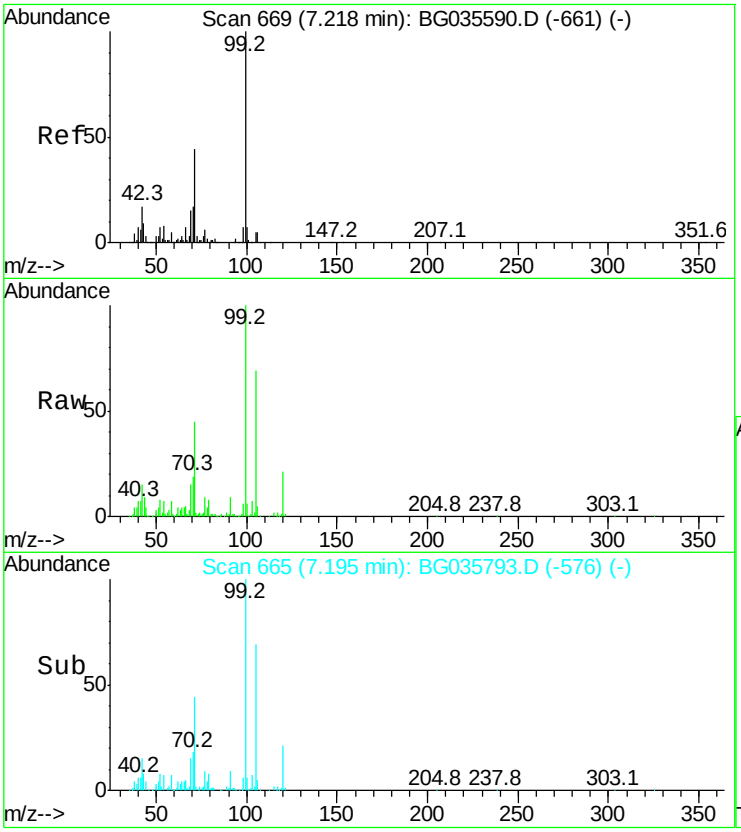


#5
2-Fluorophenol
Concen: 66.700 ng
RT: 5.61 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG035793.D
Acq: 20 Jul 2018 20:44

Tgt Ion:112 Resp: 214701

Ion	Ratio	Lower	Upper
112	100		
64	62.6	56.3	84.5
63	35.7	30.1	45.1



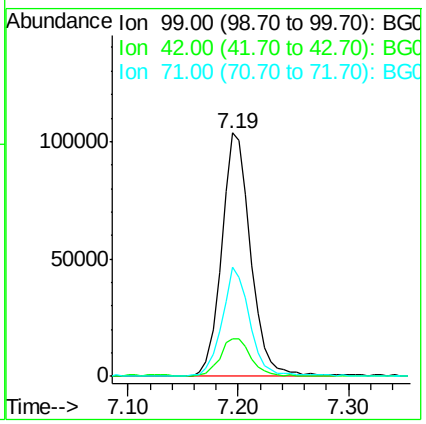


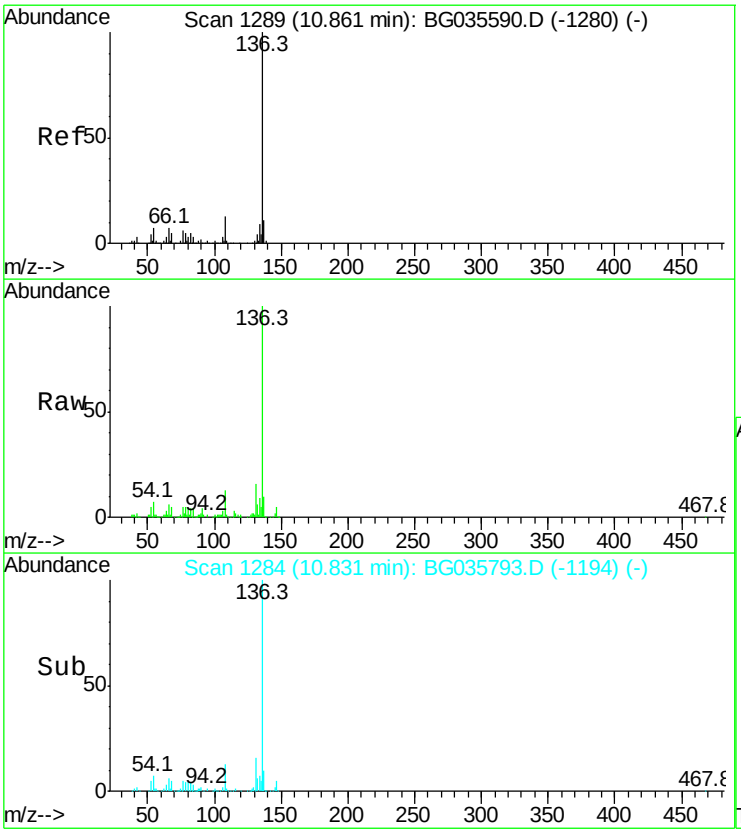
#7
Phenol-d6
Concen: 39.548 ng
RT: 7.19 min Scan# 665
Delta R.T. -0.01 min
Lab File: BG035793.D
Acq: 20 Jul 2018 20:44

Instrument :
BNA_G
ClientSampleId :
MW1

Tgt Ion: 99 Resp: 189930

Ion	Ratio	Lower	Upper
99	100		
42	15.3	14.1	21.1
71	44.7	26.1	39.1#

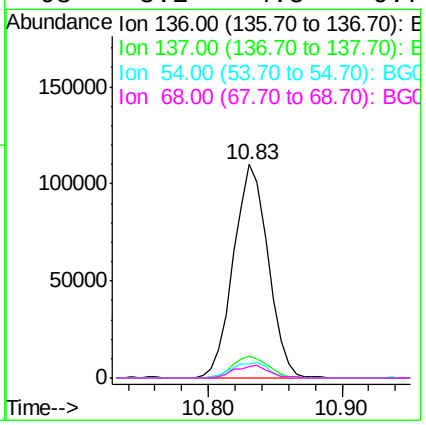


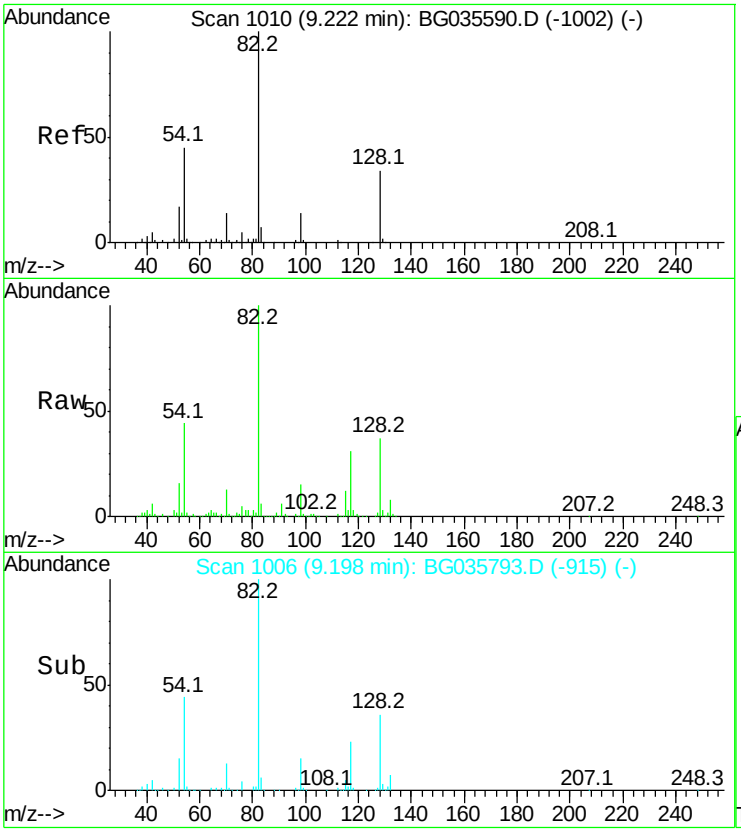


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG035793.D
Acq: 20 Jul 2018 20:44

Tgt Ion:136 Resp: 197444

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	6.9	10.3	15.5#
68	5.2	4.5	6.7



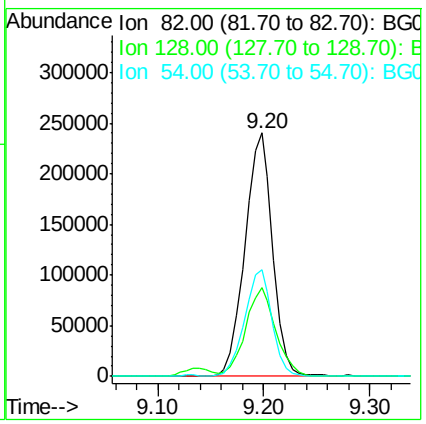


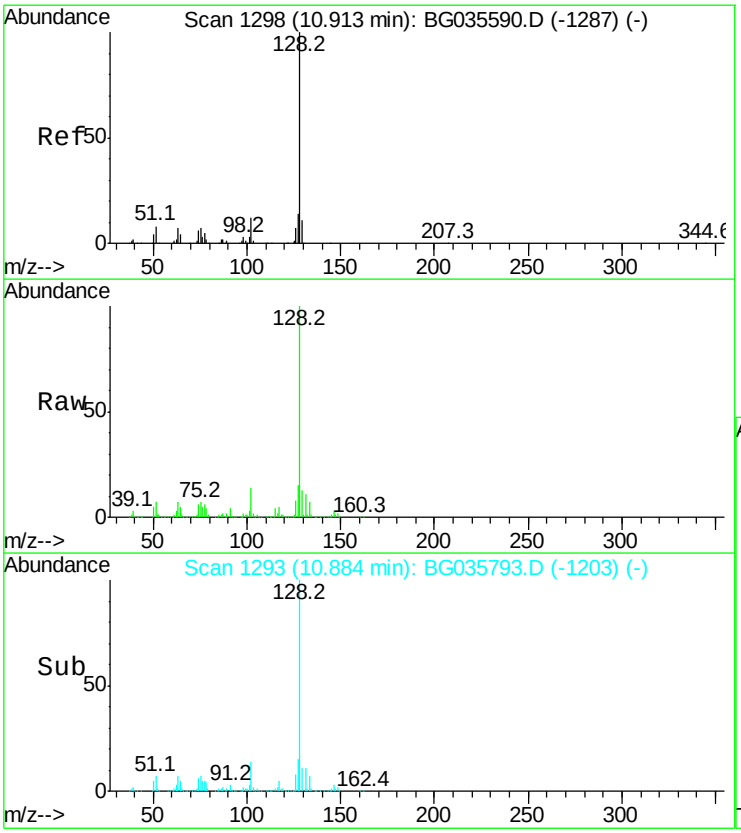
#23
Nitrobenzene-d5
Concen: 92.093 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BG035793.D
Acq: 20 Jul 2018 20:44

Instrument :
BNA_G
ClientSampleId :
MW1

Tgt Ion: 82 Resp: 435266

Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.7	44.5
54	44.0	43.1	64.7

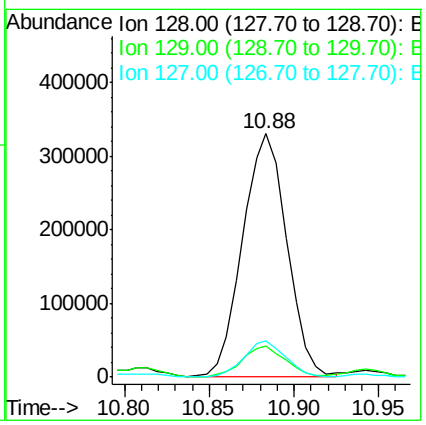


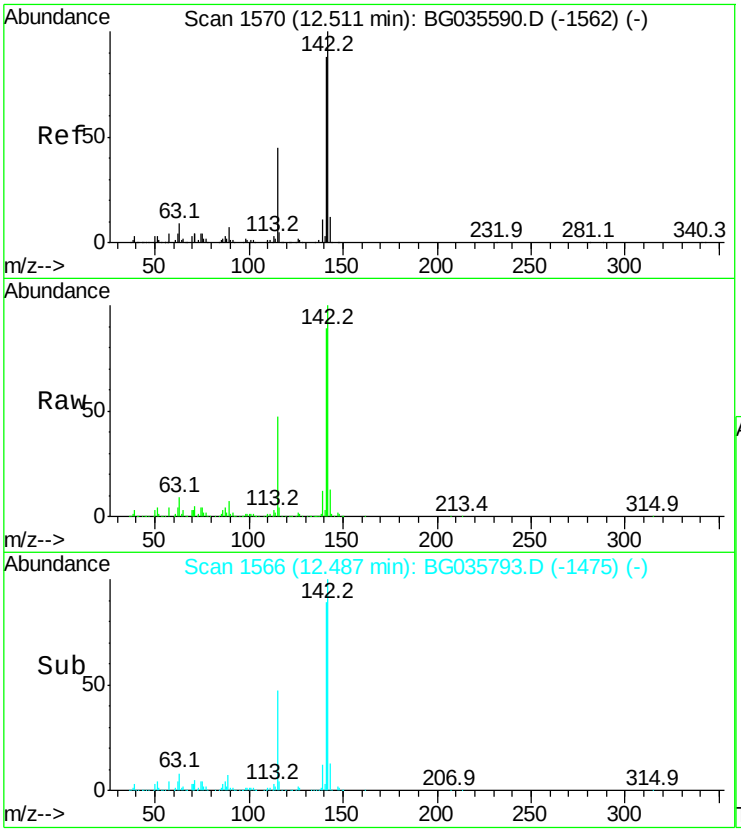


#31
Naphthalene
Concen: 58.221 ng
RT: 10.88 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BG035793.D
Acq: 20 Jul 2018 20:44

Tgt Ion:128 Resp: 598804

Ion	Ratio	Lower	Upper
128	100		
129	13.0	8.6	12.8#
127	15.1	11.6	17.4



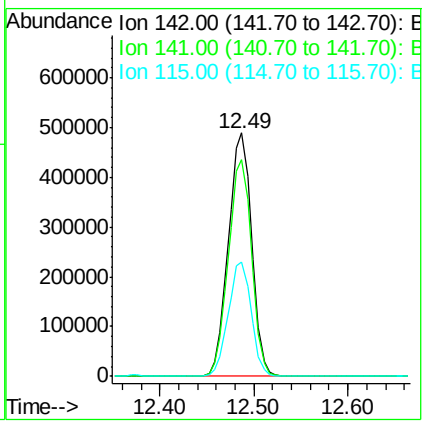


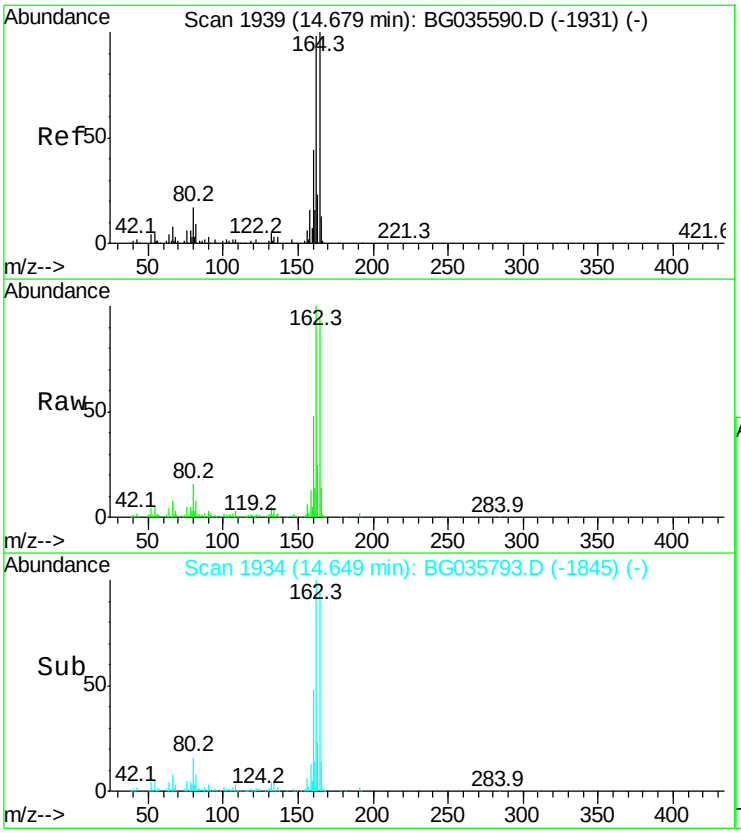
#37
2-Methylnaphthalene
Concen: 109.795 ng
RT: 12.49 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BG035793.D
Acq: 20 Jul 2018 20:44

Instrument :
BNA_G
ClientSampleId :
MW1

Tgt Ion:142 Resp: 841306

Ion	Ratio	Lower	Upper
142	100		
141	89.2	67.1	100.7
115	47.2	30.7	46.1#

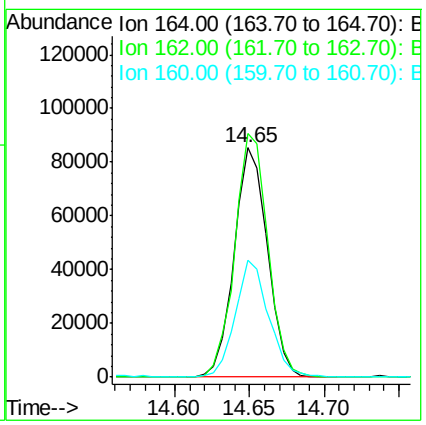


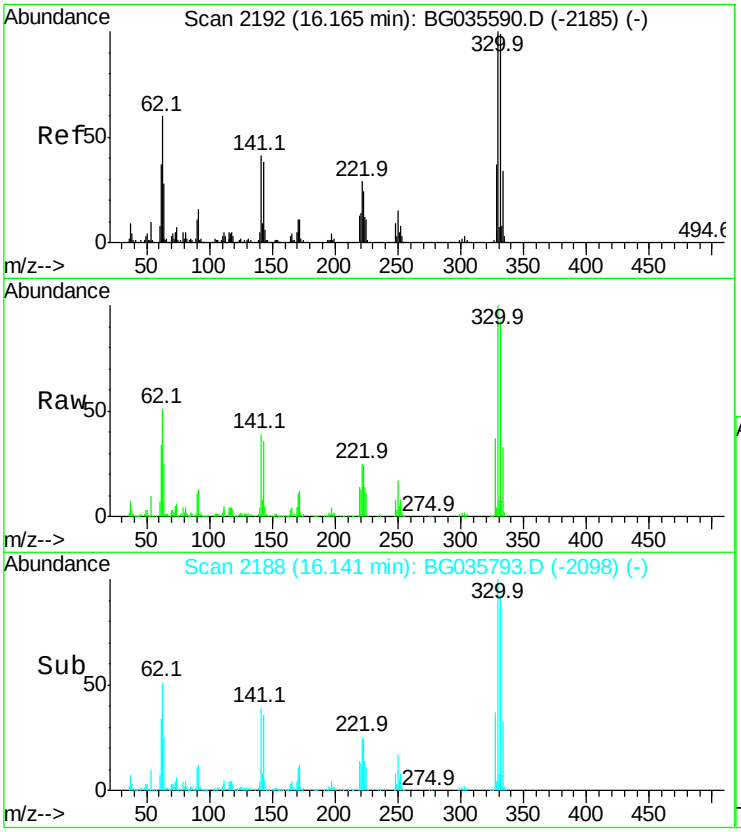


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BG035793.D
Acq: 20 Jul 2018 20:44

Tgt Ion:164 Resp: 132198

Ion	Ratio	Lower	Upper
164	100		
162	106.1	78.8	118.2
160	50.9	35.4	53.0



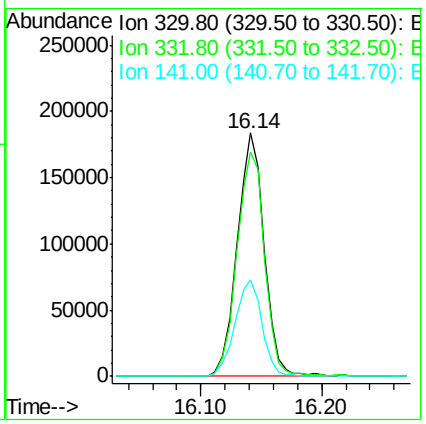


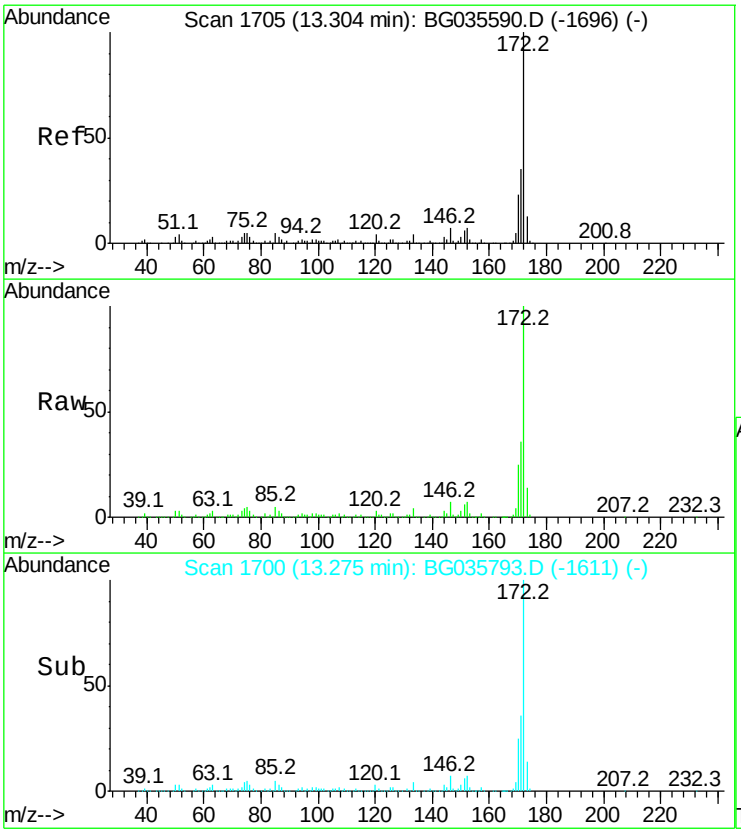
#41
2,4,6-Tribromophenol
Concen: 163.694 ng
RT: 16.14 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BG035793.D
Acq: 20 Jul 2018 20:44

Instrument :
BNA_G
ClientSampleId :
MW1

Tgt Ion:330 Resp: 285229

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	39.7	25.2	37.8#

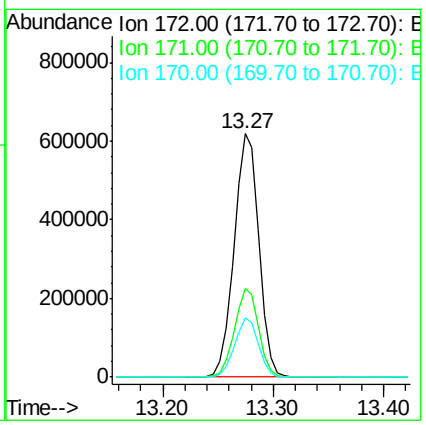


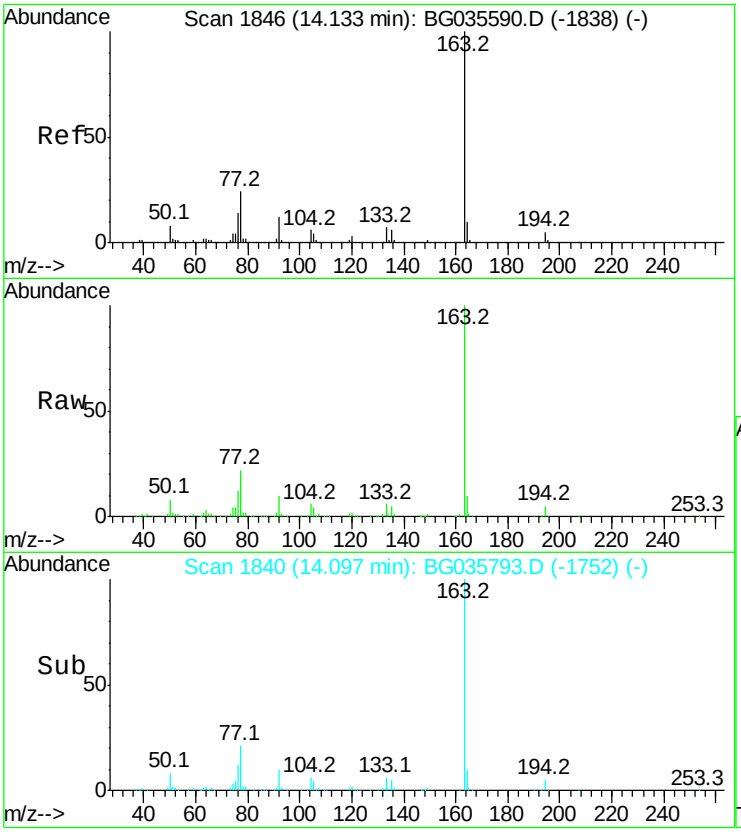


#44
2-Fluorobiphenyl
Concen: 98.612 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BG035793.D
Acq: 20 Jul 2018 20:44

Tgt Ion:172 Resp: 973050

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.0	45.0
170	24.6	19.5	29.3



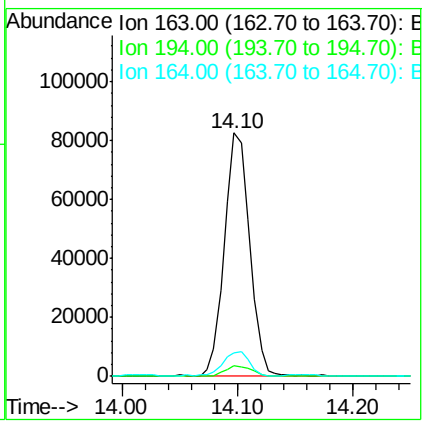


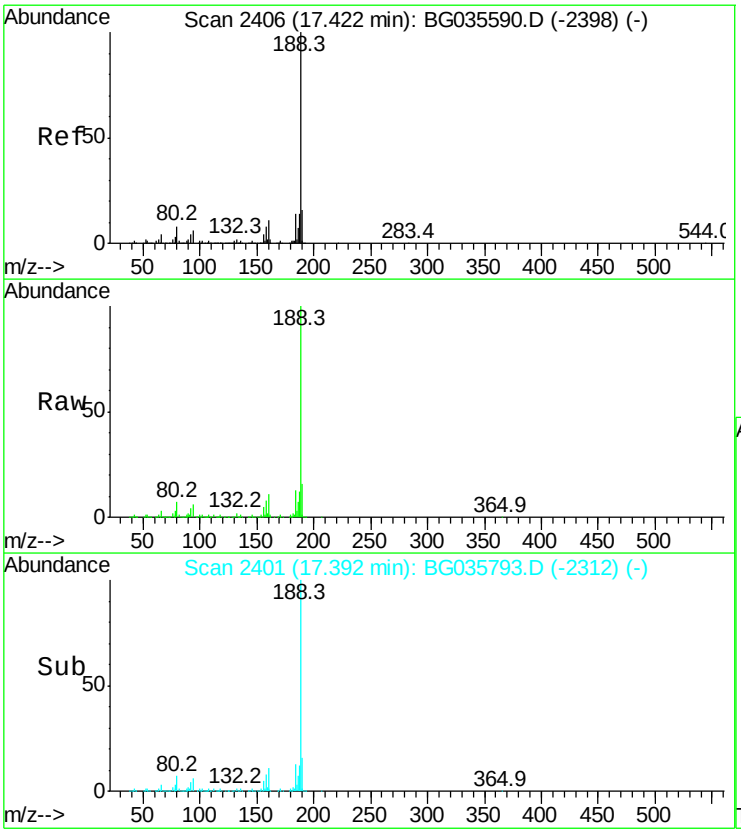
#49
Dimethylphthalate
Concen: 10.849 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BG035793.D
Acq: 20 Jul 2018 20:44

Instrument :
BNA_G
ClientSampleId :
MW1

Tgt Ion:163 Resp: 125655

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	9.8	8.2	12.4

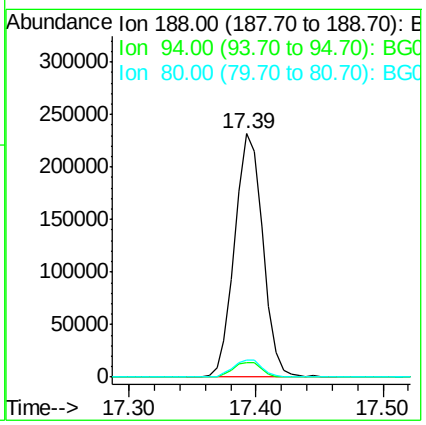


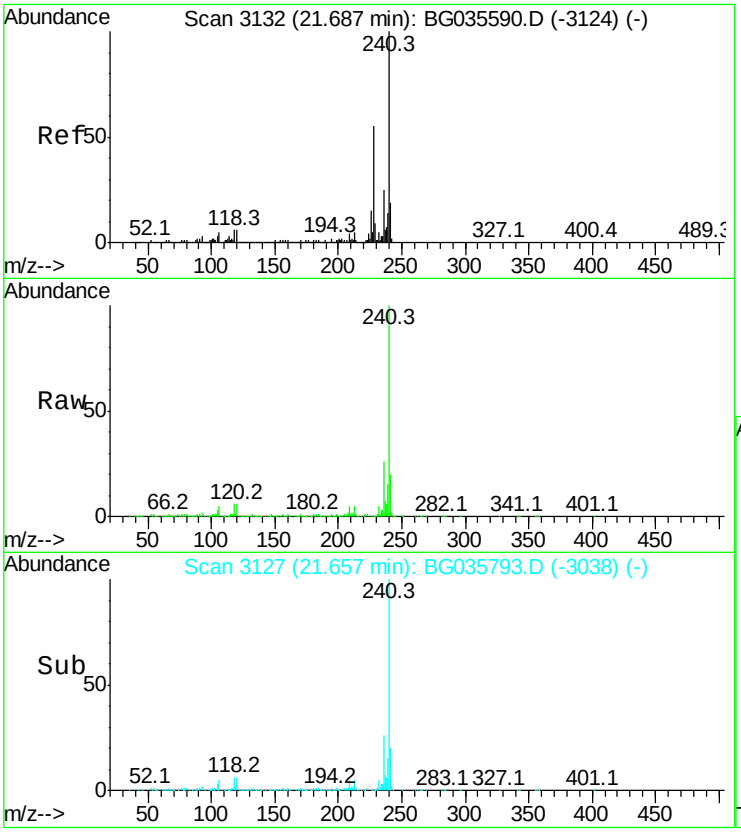


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BG035793.D
Acq: 20 Jul 2018 20:44

Tgt Ion:188 Resp: 355649

Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	7.2	7.7	11.5#



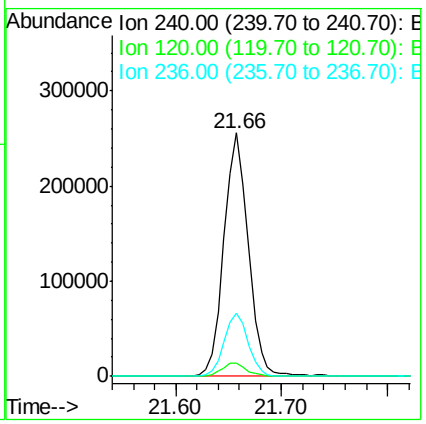


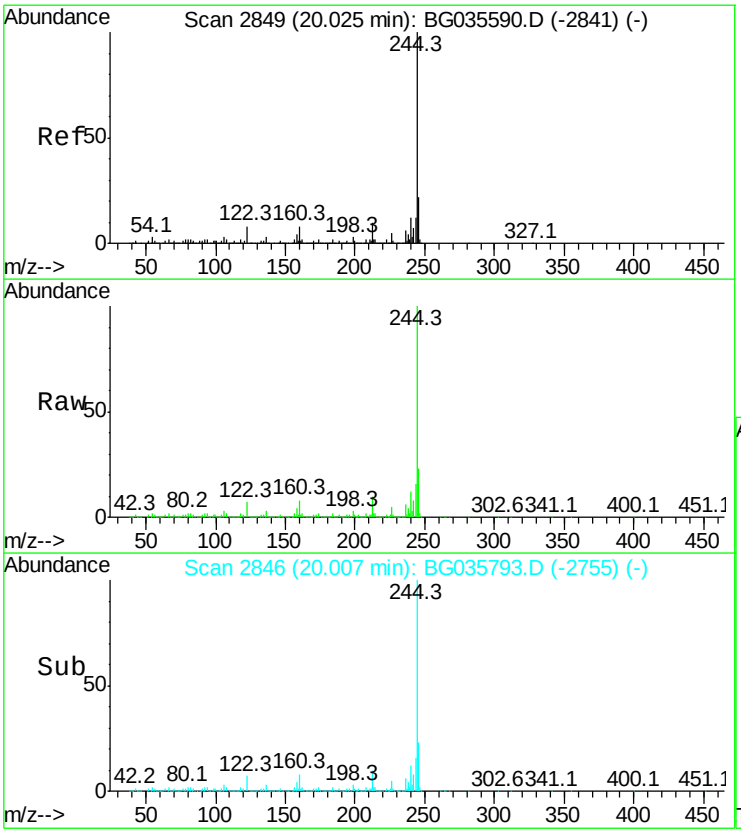
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG035793.D
Acq: 20 Jul 2018 20:44

Instrument :
BNA_G
ClientSampleId :
MW1

Tgt Ion:240 Resp: 407962

Ion	Ratio	Lower	Upper
240	100		
120	5.6	6.8	10.2#
236	25.7	20.9	31.3

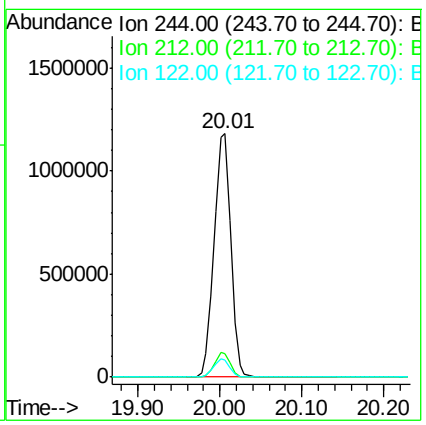


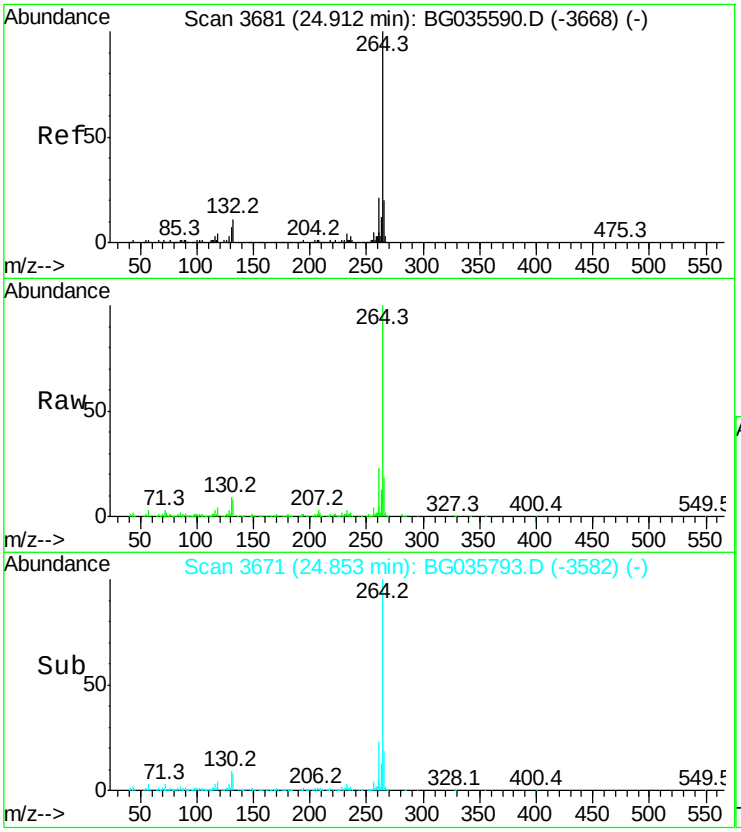


#78
Terphenyl-d14
Concen: 91.749 ng
RT: 20.01 min Scan# 2846
Delta R.T. 0.01 min
Lab File: BG035793.D
Acq: 20 Jul 2018 20:44

Tgt Ion:244 Resp: 1698044

Ion	Ratio	Lower	Upper
244	100		
212	9.7	5.8	8.8#
122	7.0	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3671
Delta R.T. -0.01 min
Lab File: BG035793.D
Acq: 20 Jul 2018 20:44

Instrument :
BNA_G
ClientSampleId :
MW1

Tgt Ion:264 Resp: 403102

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	19.2	17.7	26.5