Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062818\
Data File : BG035489.D
Acq On : 28 Jun 2018 22:13
Operator : JU/SJ
Sample : J3720-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Time: Jun 29 04:18:26 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	30903	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	114770	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	81714	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	208633	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	239503	20.00	ng	-0.04
86) Perylene-d12	24.89	264	227224	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	115516	63.08	ng	-0.01
7) Phenol-d6	7.21	99	105595	39.07	ng	-0.01
23) Nitrobenzene-d5	9.21	82	265415	109.93	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	143062	136.76	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	581292	92.48	ng	-0.03
78) Terphenyl-d14	20.02	244	1104361	96.59	ng	-0.02
Target Compounds						Qvalue

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

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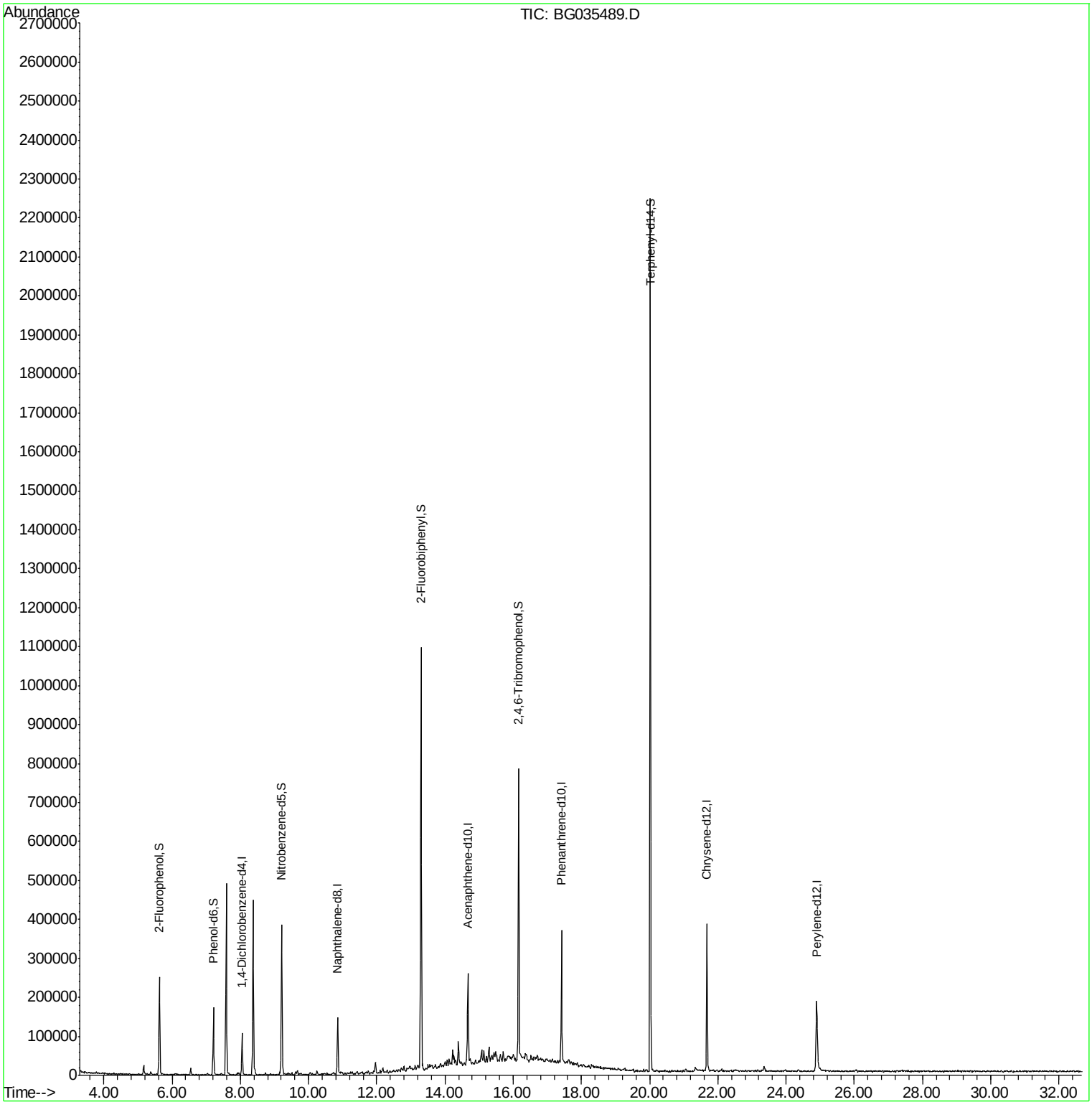
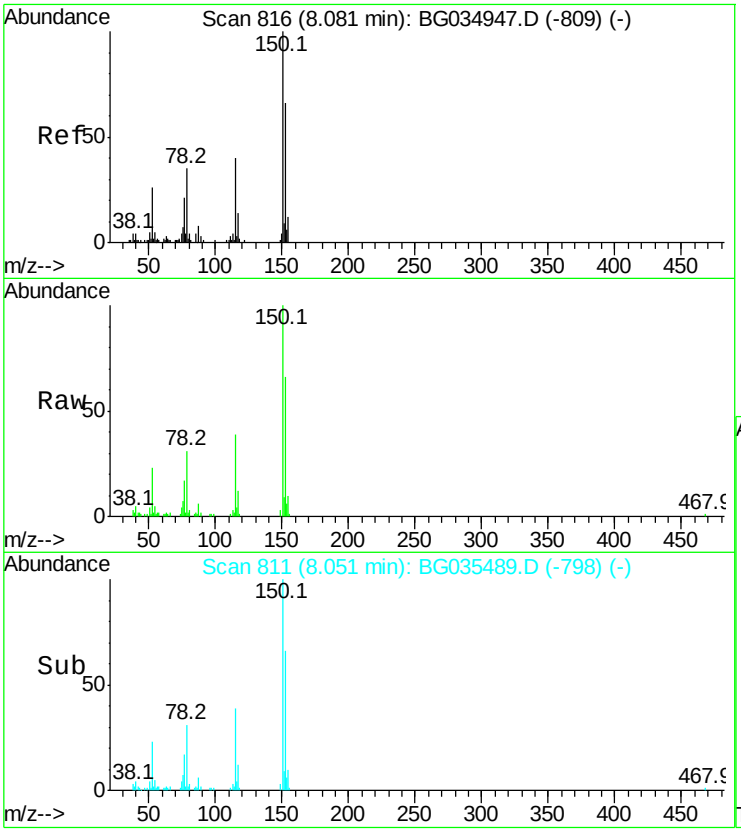


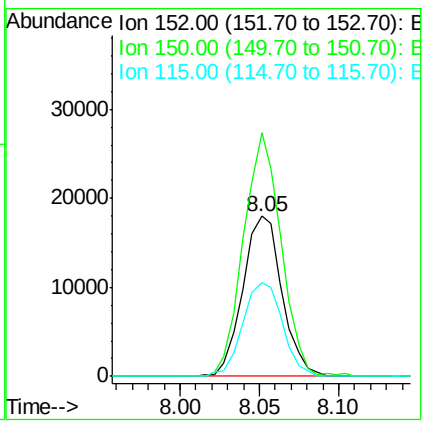


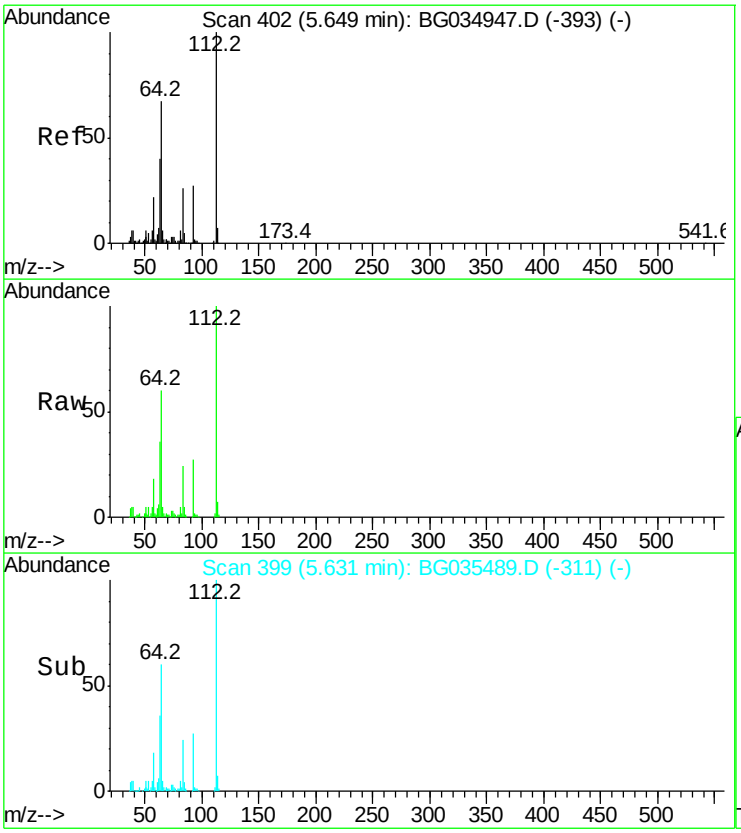
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035489.D
Acq: 28 Jun 2018 22:13

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:152 Resp: 30903

Ion	Ratio	Lower	Upper
152	100		
150	151.9	126.6	189.8
115	58.7	53.0	79.4

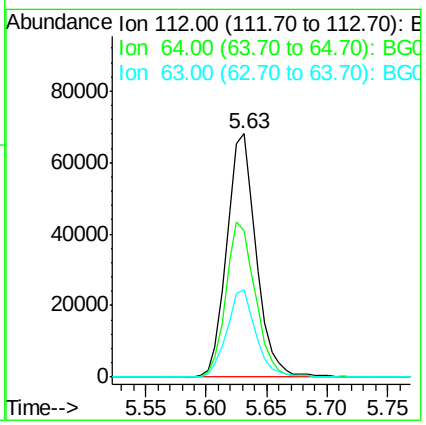


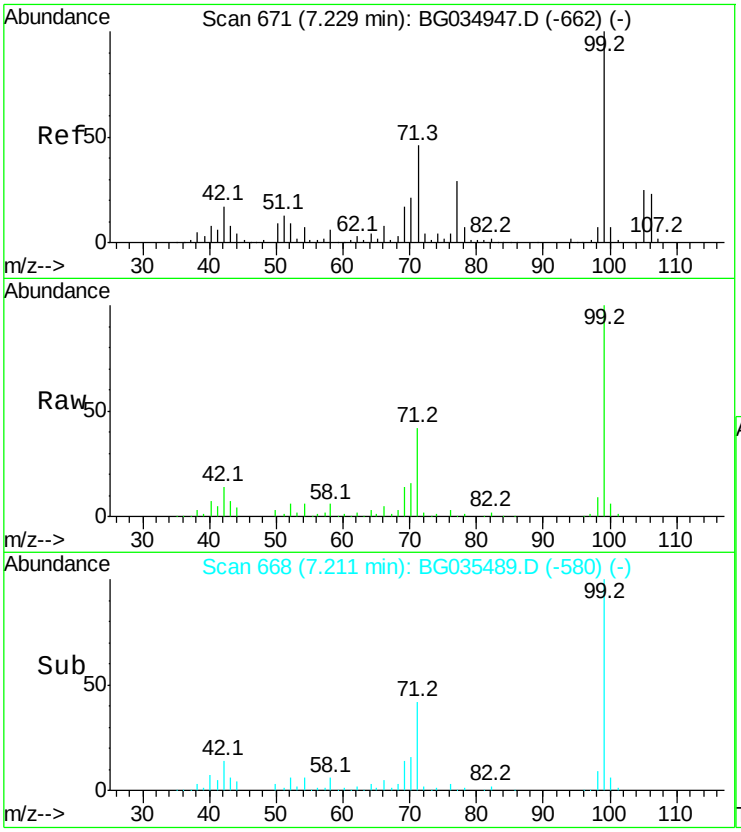


#5
2-Fluorophenol
Concen: 63.083 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035489.D
Acq: 28 Jun 2018 22:13

Tgt Ion:112 Resp: 115516

Ion	Ratio	Lower	Upper
112	100		
64	60.0	56.3	84.5
63	35.8	30.1	45.1



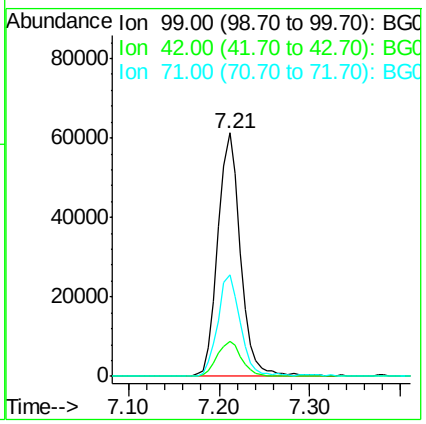


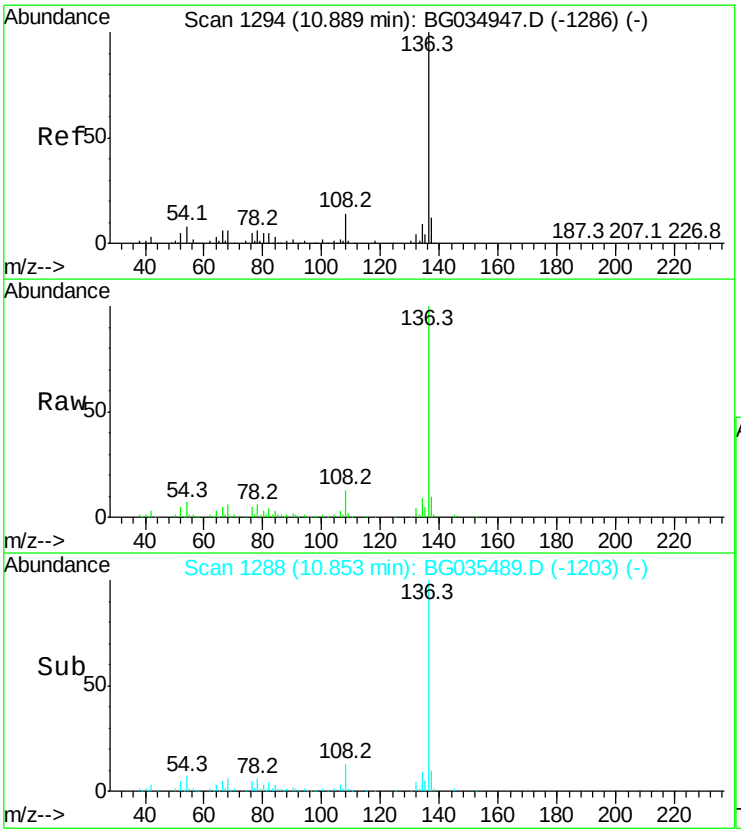
#7
Phenol-d6
Concen: 39.070 ng
RT: 7.21 min Scan# 668
Delta R.T. -0.01 min
Lab File: BG035489.D
Acq: 28 Jun 2018 22:13

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion: 99 Resp: 105595

Ion	Ratio	Lower	Upper
99	100		
42	14.2	14.1	21.1
71	41.6	26.1	39.1#

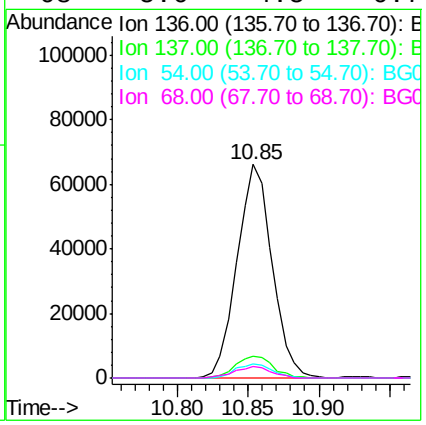


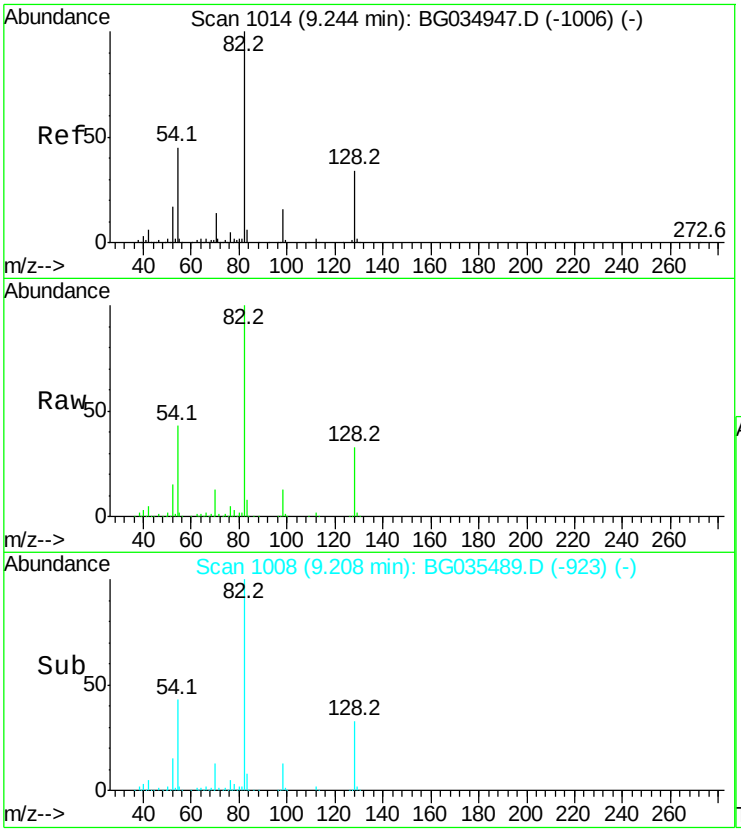


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035489.D
Acq: 28 Jun 2018 22:13

Tgt Ion:136 Resp: 114770

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	6.6	10.3	15.5#
68	5.6	4.5	6.7



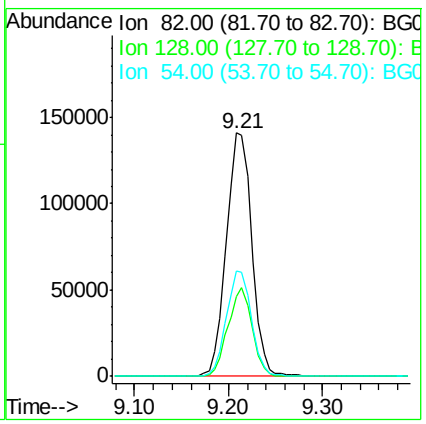


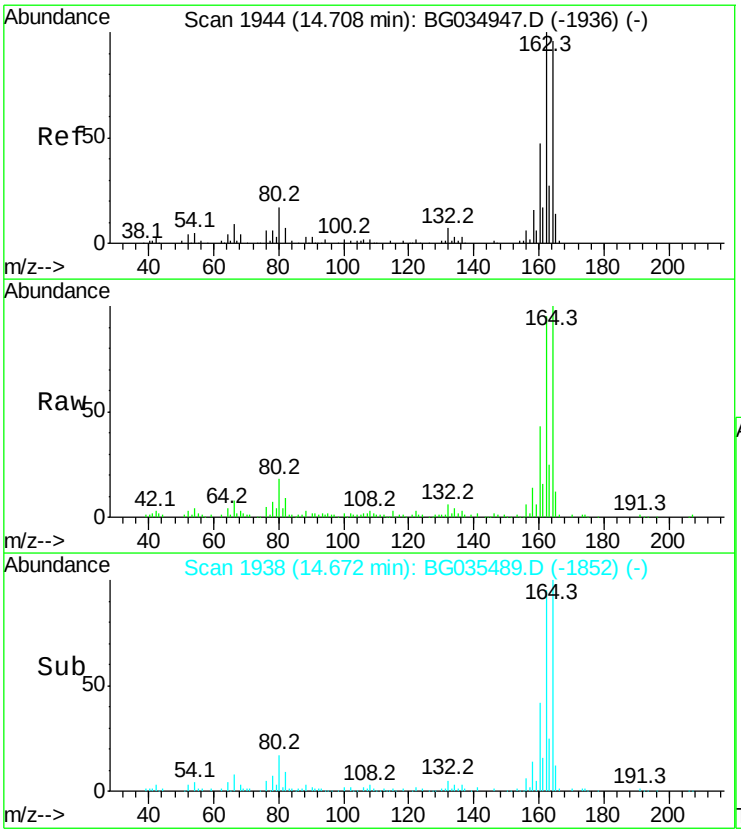
#23
Nitrobenzene-d5
Concen: 109.927 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG035489.D
Acq: 28 Jun 2018 22:13

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion: 82 Resp: 265415

Ion	Ratio	Lower	Upper
82	100		
128	32.8	29.7	44.5
54	43.1	43.1	64.7#

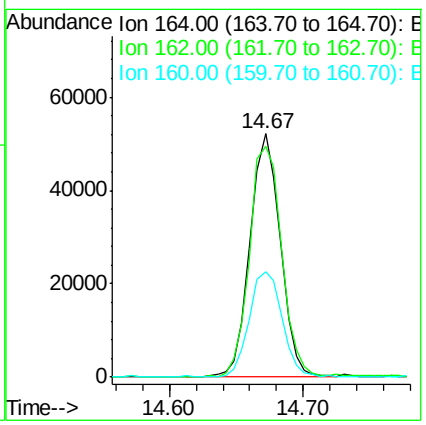


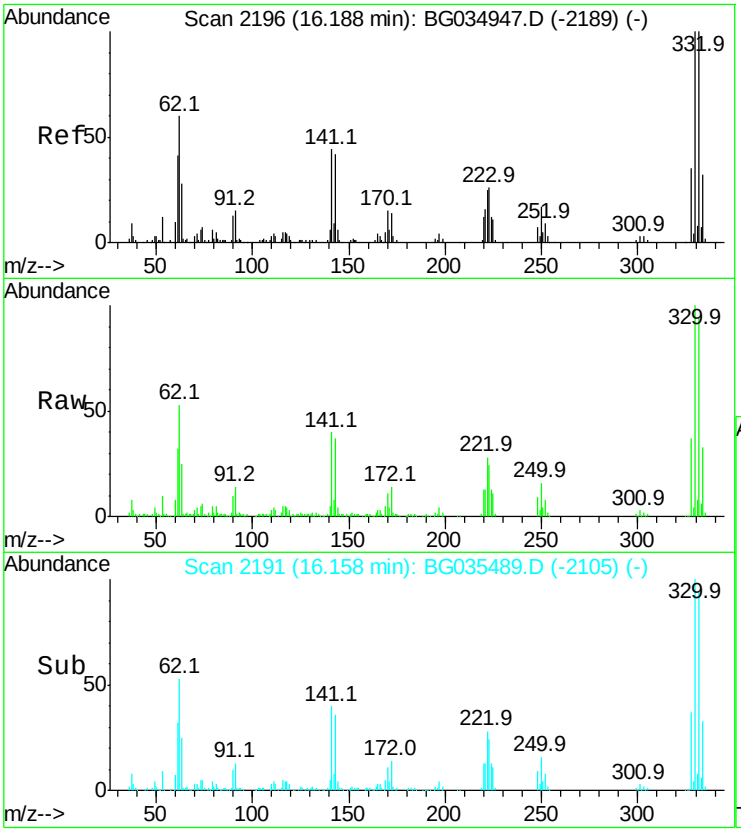


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG035489.D
Acq: 28 Jun 2018 22:13

Tgt Ion:164 Resp: 81714

Ion	Ratio	Lower	Upper
164	100		
162	94.9	78.8	118.2
160	43.2	35.4	53.0



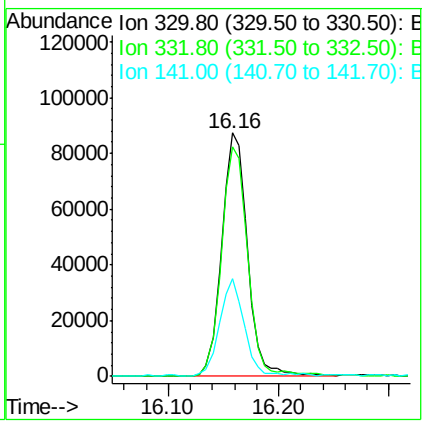


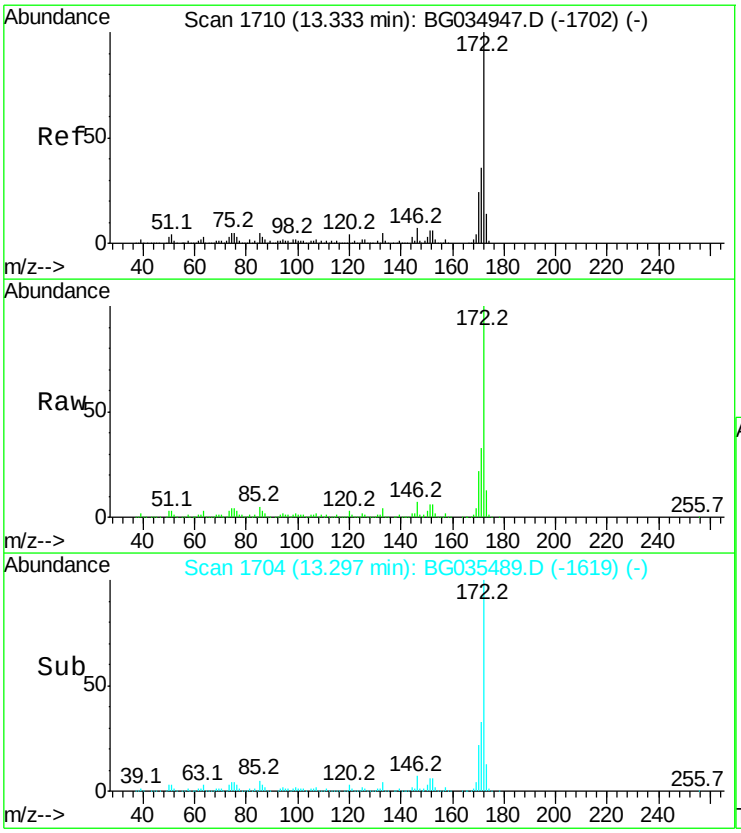
#41
2,4,6-Tribromophenol
Concen: 136.765 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BG035489.D
Acq: 28 Jun 2018 22:13

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:330 Resp: 143062

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	37.5	25.2	37.8

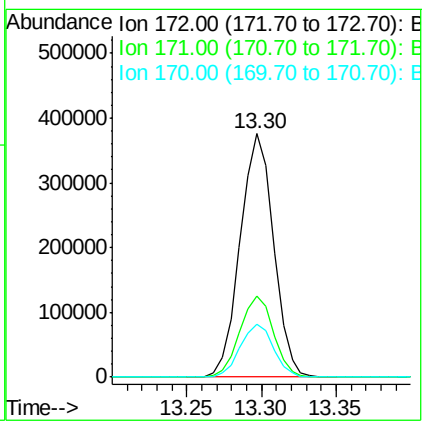


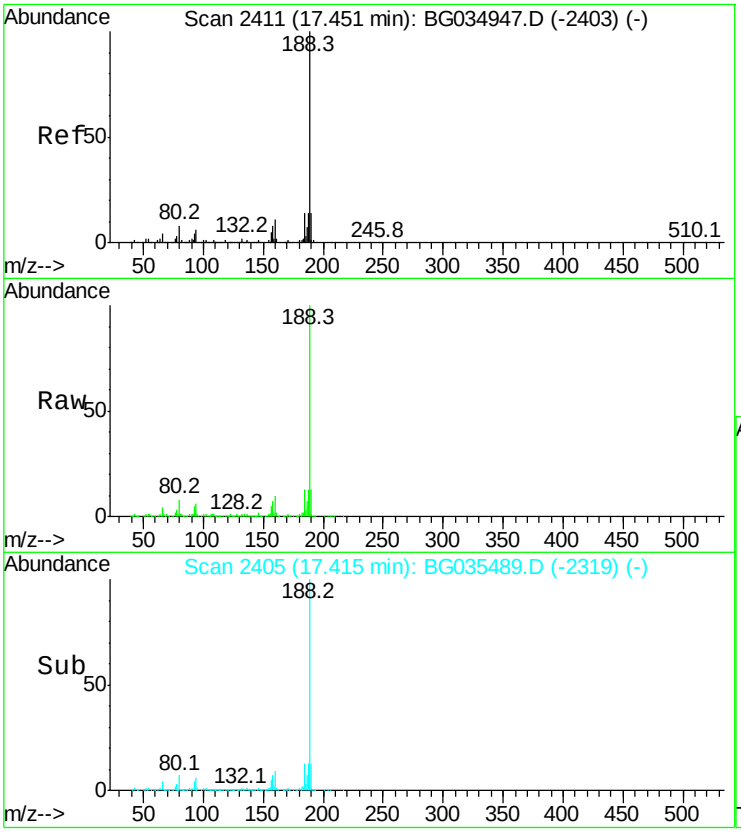


#44
2-Fluorobiphenyl
Concen: 92.478 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.03 min
Lab File: BG035489.D
Acq: 28 Jun 2018 22:13

Tgt Ion:172 Resp: 581292

Ion	Ratio	Lower	Upper
172	100		
171	33.2	30.0	45.0
170	21.7	19.5	29.3



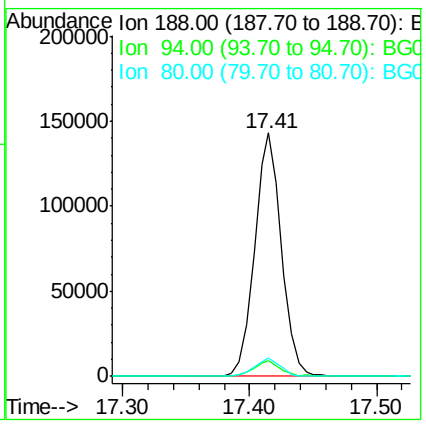


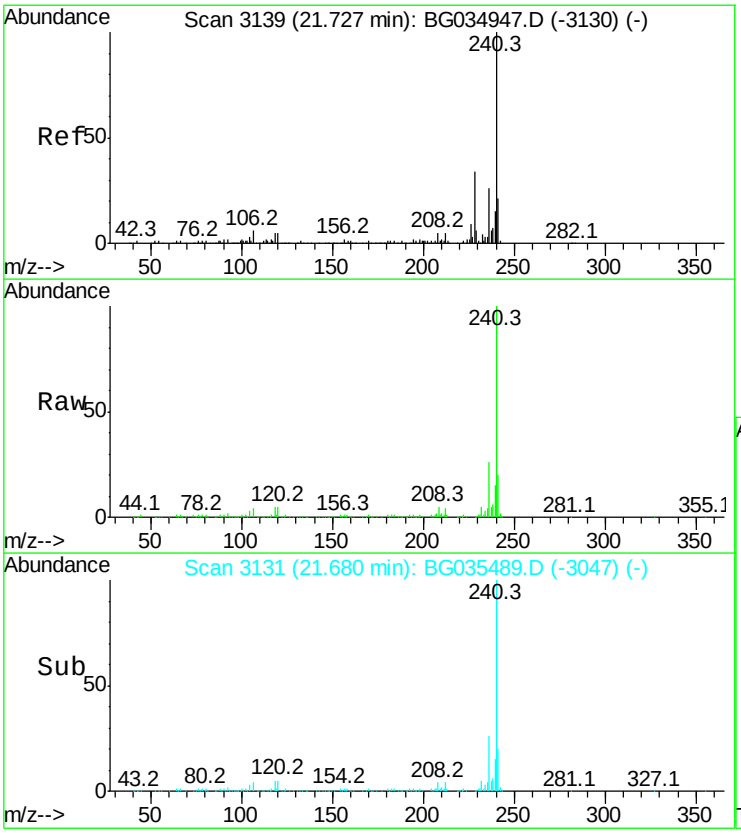
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035489.D
Acq: 28 Jun 2018 22:13

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:188 Resp: 208633

Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.9	10.3#
80	7.5	7.7	11.5#

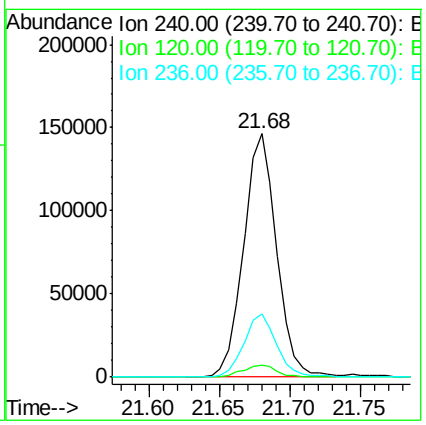


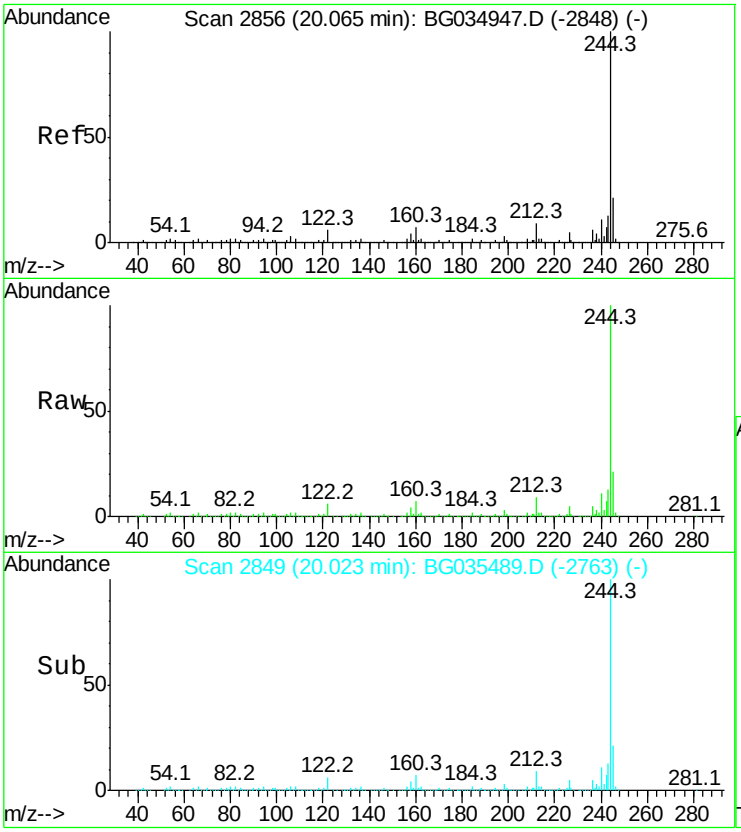


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.04 min
Lab File: BG035489.D
Acq: 28 Jun 2018 22:13

Tgt Ion:240 Resp: 239503

Ion	Ratio	Lower	Upper
240	100		
120	4.9	6.8	10.2#
236	26.0	20.9	31.3



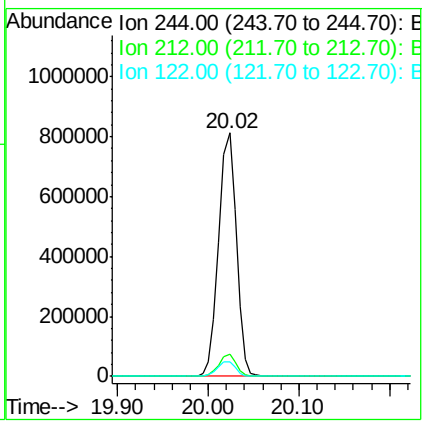


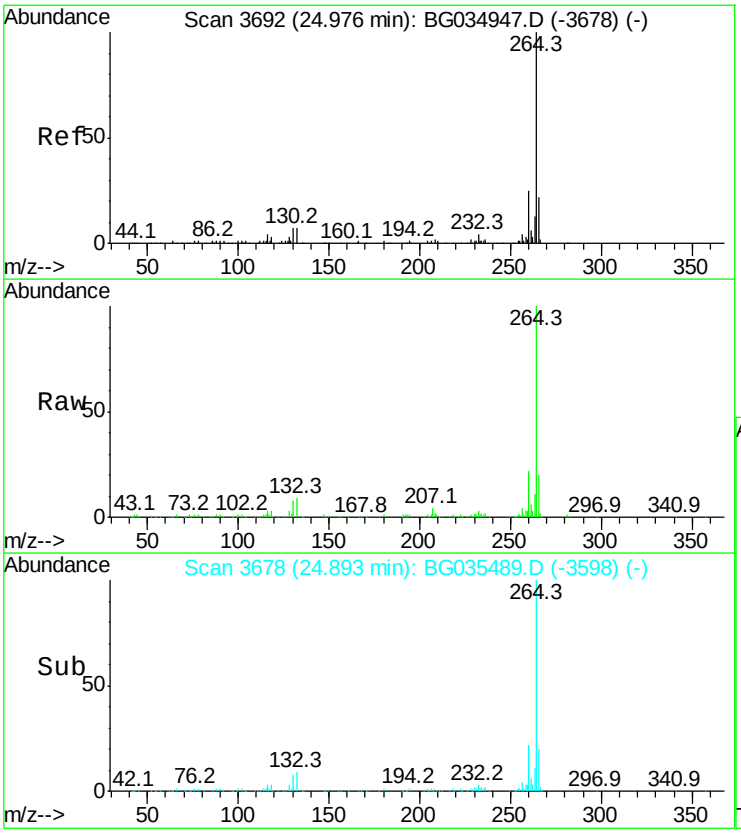
#78
Terphenyl-d14
Concen: 96.587 ng
RT: 20.02 min Scan# 2849
Delta R.T. -0.02 min
Lab File: BG035489.D
Acq: 28 Jun 2018 22:13

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:244 Resp: 1104361

Ion	Ratio	Lower	Upper
244	100		
212	9.2	5.8	8.8#
122	6.2	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: BG035489.D
Acq: 28 Jun 2018 22:13

Tgt Ion:264 Resp: 227224

Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.4	26.0
265	20.2	17.7	26.5