Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091918\
Data File : BG036825.D
Acq On : 19 Sep 2018 18:40
Operator : JU/SJ
Sample : J4771-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NB-07-091818

Quant Time: Sep 20 07:20:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	60028	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	256436	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	166257	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	399685	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	399285	20.00	ng	-0.02
86) Perylene-d12	24.89	264	370306	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	371846	98.26	ng	0.00
7) Phenol-d6	7.21	99	472063	87.13	ng	-0.01
23) Nitrobenzene-d5	9.20	82	382990	81.03	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	187093	94.31	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	854985	73.43	ng	-0.02
78) Terphenyl-d14	20.02	244	1352558	79.18	ng	-0.01
Target Compounds						Qvalue

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

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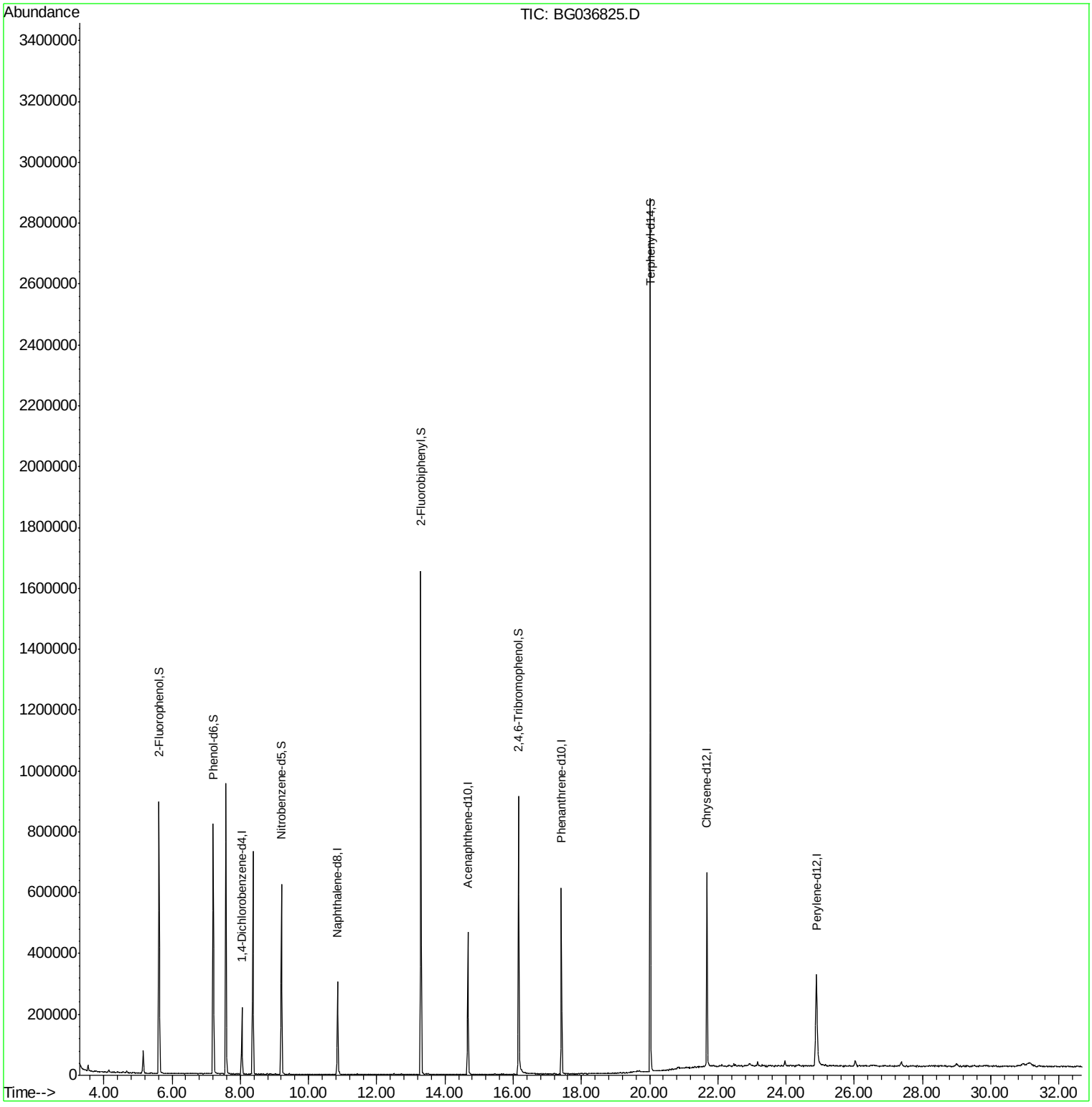
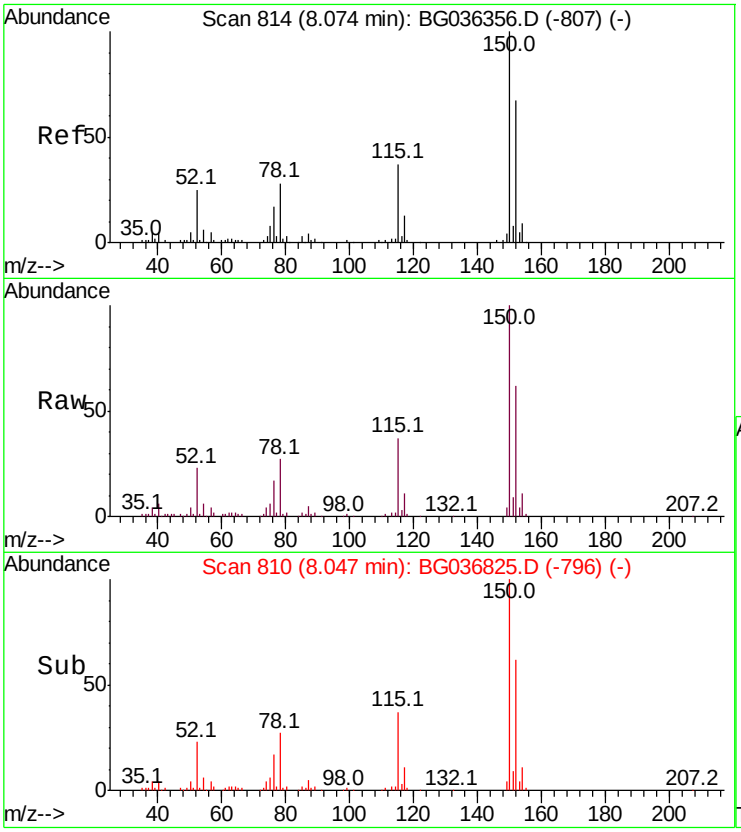


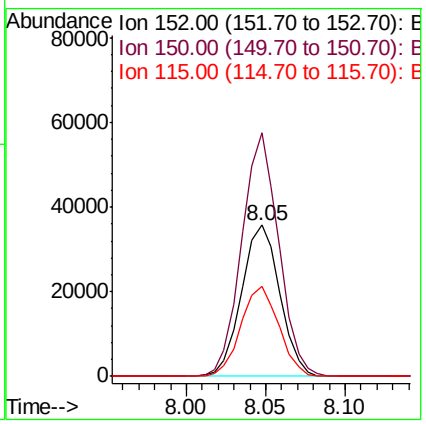


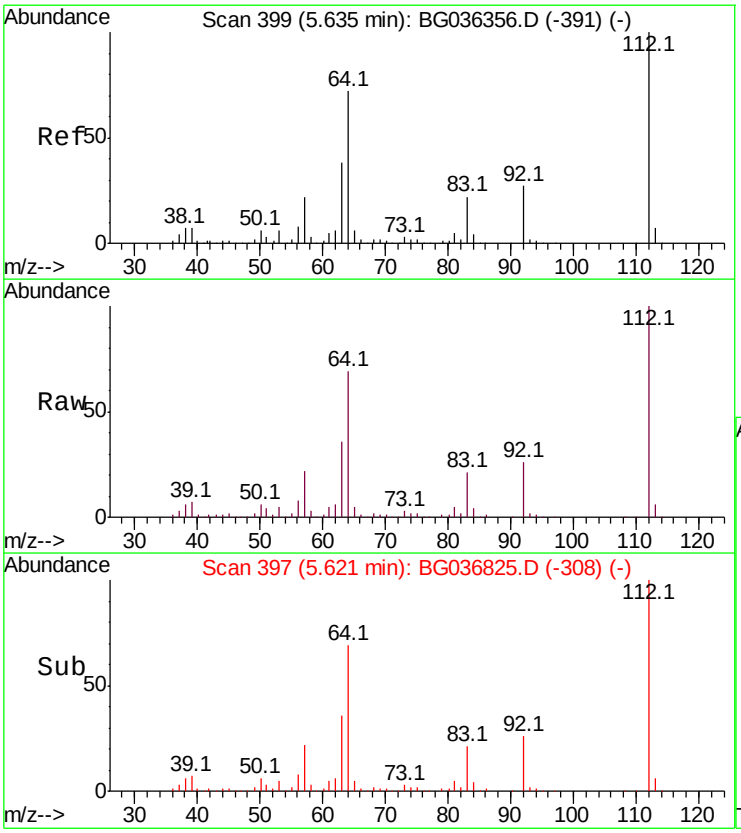
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.02 min
Lab File: BG036825.D
Acq: 19 Sep 2018 18:40

Instrument :
BNA_G
ClientSampleId :
NB-07-091818

Tgt Ion:152 Resp: 60028

Ion	Ratio	Lower	Upper
152	100		
150	161.4	119.5	179.3
115	59.6	44.5	66.7

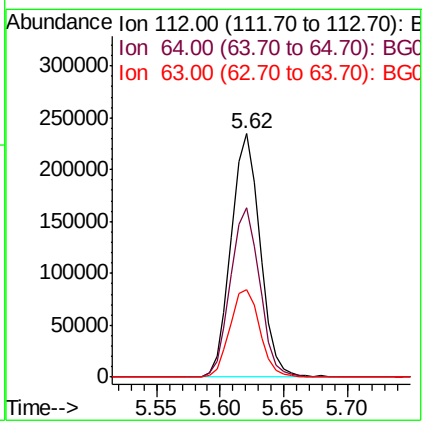


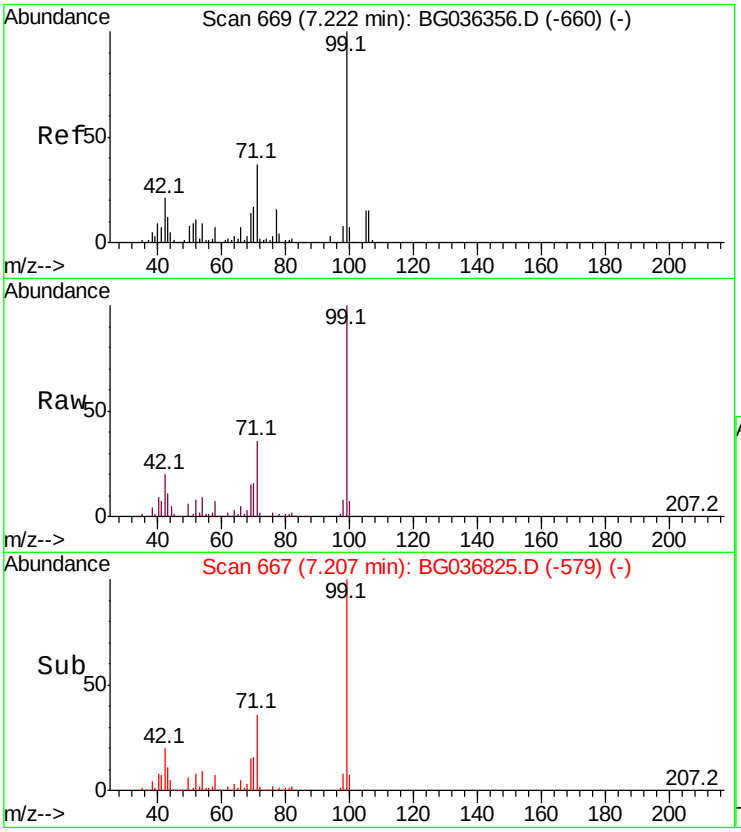


#5
2-Fluorophenol
Concen: 98.264 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036825.D
Acq: 19 Sep 2018 18:40

Tgt Ion:112 Resp: 371846

Ion	Ratio	Lower	Upper
112	100		
64	69.4	57.2	85.8
63	35.9	30.8	46.2



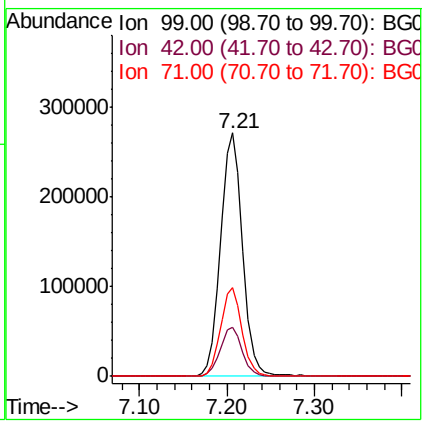


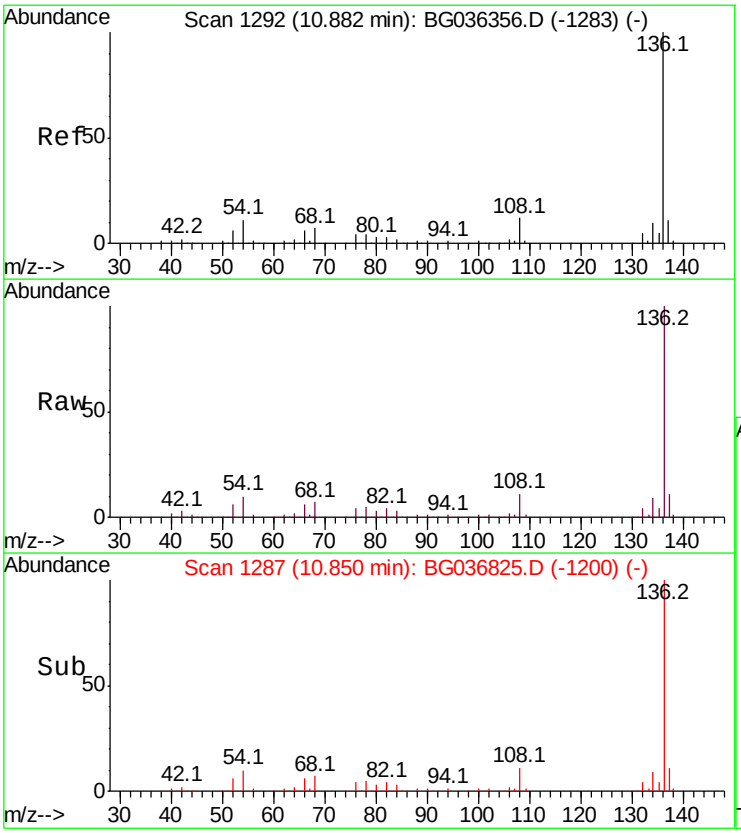
#7
Phenol-d6
Concen: 87.129 ng
RT: 7.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BG036825.D
Acq: 19 Sep 2018 18:40

Instrument :
BNA_G
ClientSampleId :
NB-07-091818

Tgt Ion: 99 Resp: 472063

Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.5	24.7
71	36.4	29.4	44.2

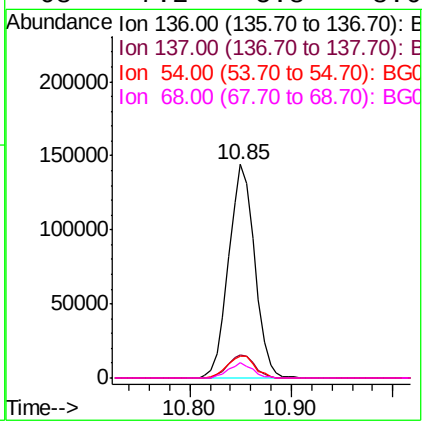


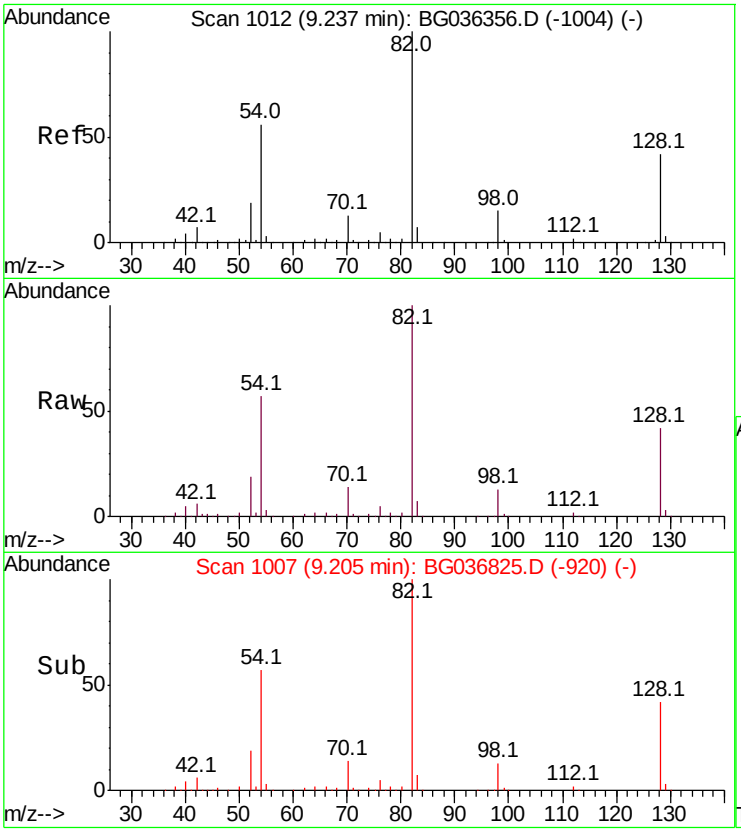


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BG036825.D
Acq: 19 Sep 2018 18:40

Tgt Ion:136 Resp: 256436

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.4	9.2	13.8
68	7.2	5.8	8.6



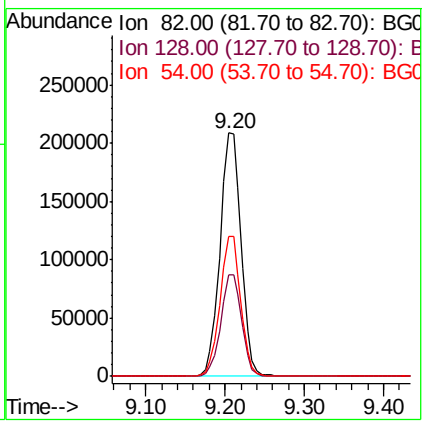


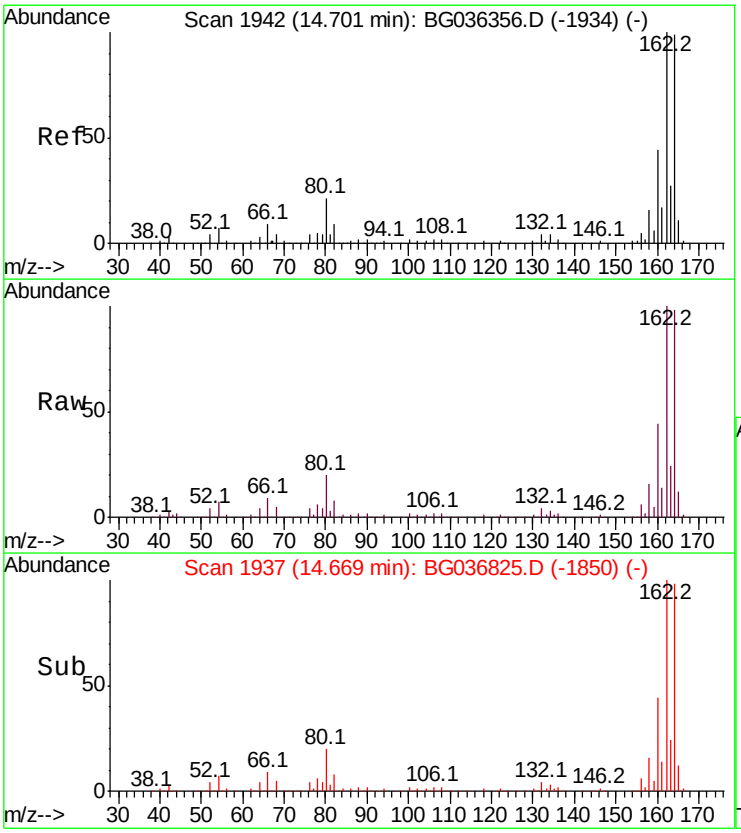
#23
Nitrobenzene-d5
Concen: 81.033 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BG036825.D
Acq: 19 Sep 2018 18:40

Instrument : BNA_G
ClientSampleId : NB-07-091818

Tgt Ion: 82 Resp: 382990

Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.3	49.9
54	57.4	45.1	67.7

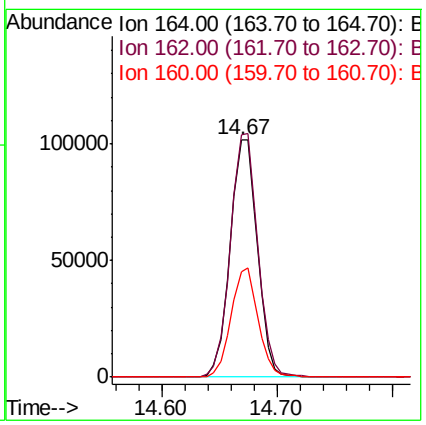


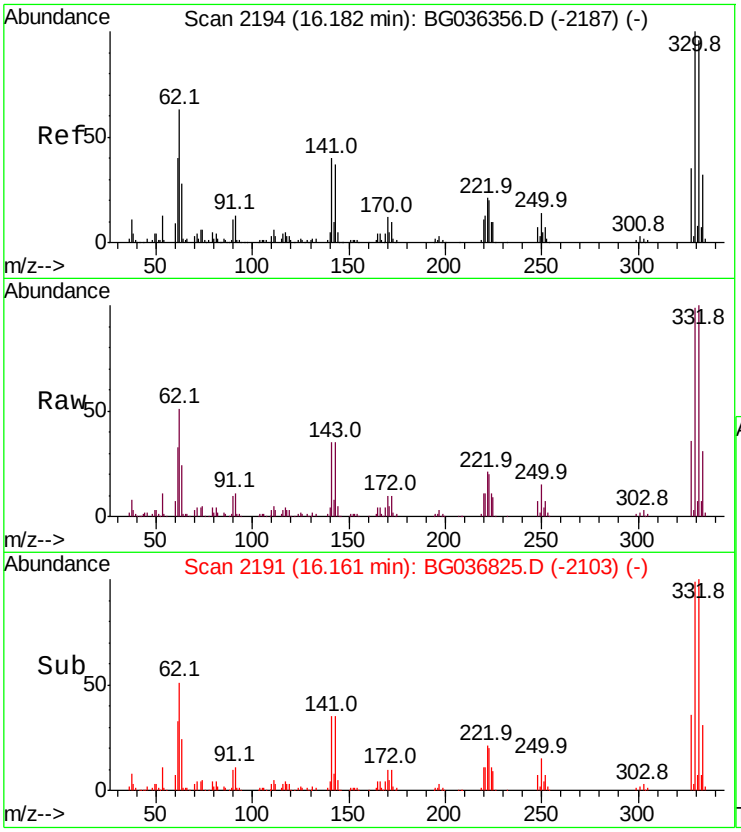


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.02 min
Lab File: BG036825.D
Acq: 19 Sep 2018 18:40

Tgt Ion:164 Resp: 166257

Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.7	121.1
160	44.3	35.3	52.9



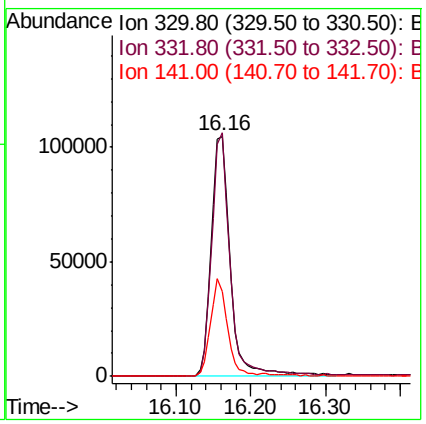


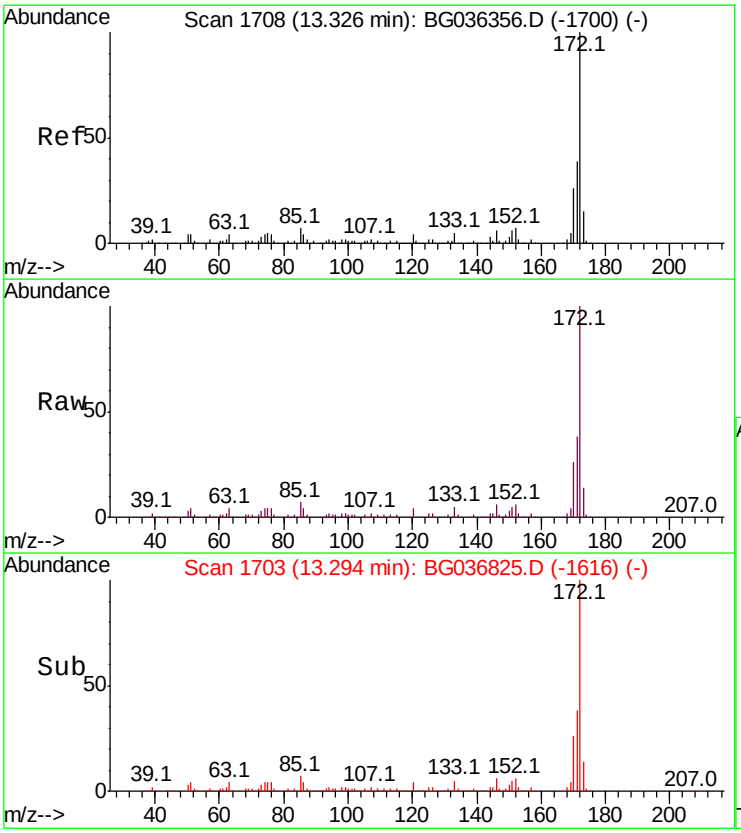
#41
2,4,6-Tribromophenol
Concen: 94.310 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG036825.D
Acq: 19 Sep 2018 18:40

Instrument :
BNA_G
ClientSampleId :
NB-07-091818

Tgt Ion:330 Resp: 187093

Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.4	113.2
141	36.5	30.7	46.1

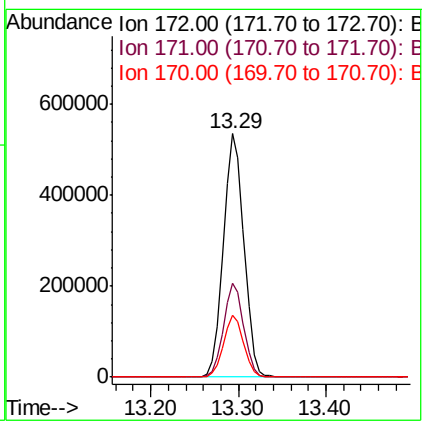


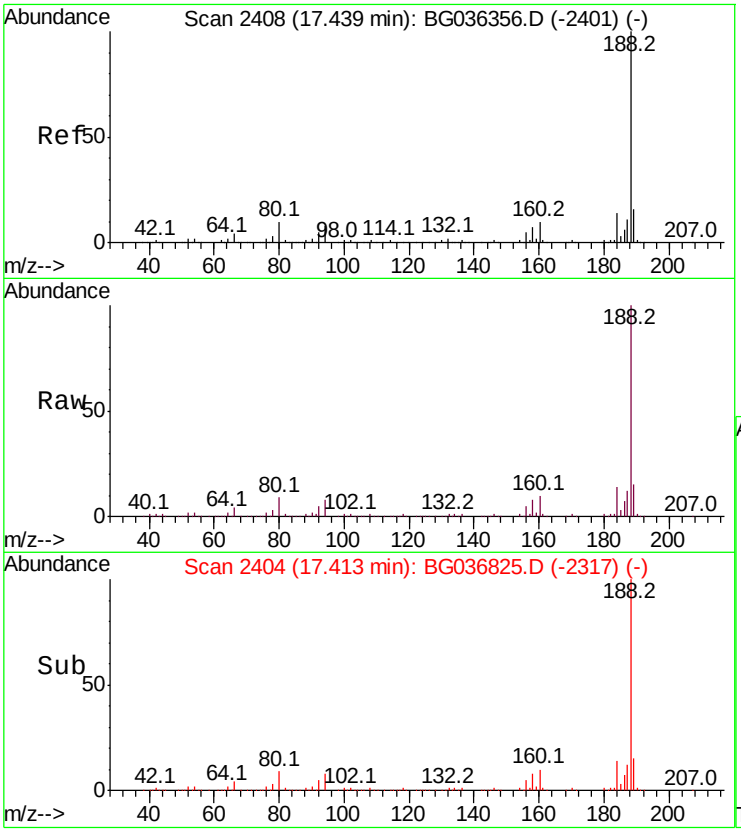


#44
2-Fluorobiphenyl
Concen: 73.426 ng
RT: 13.29 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BG036825.D
Acq: 19 Sep 2018 18:40

Tgt Ion:172 Resp: 854985

Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.3	46.9
170	25.5	21.0	31.6



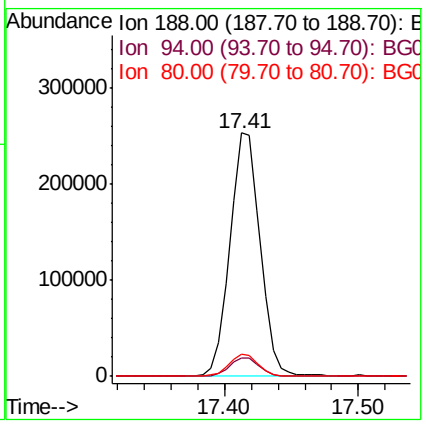


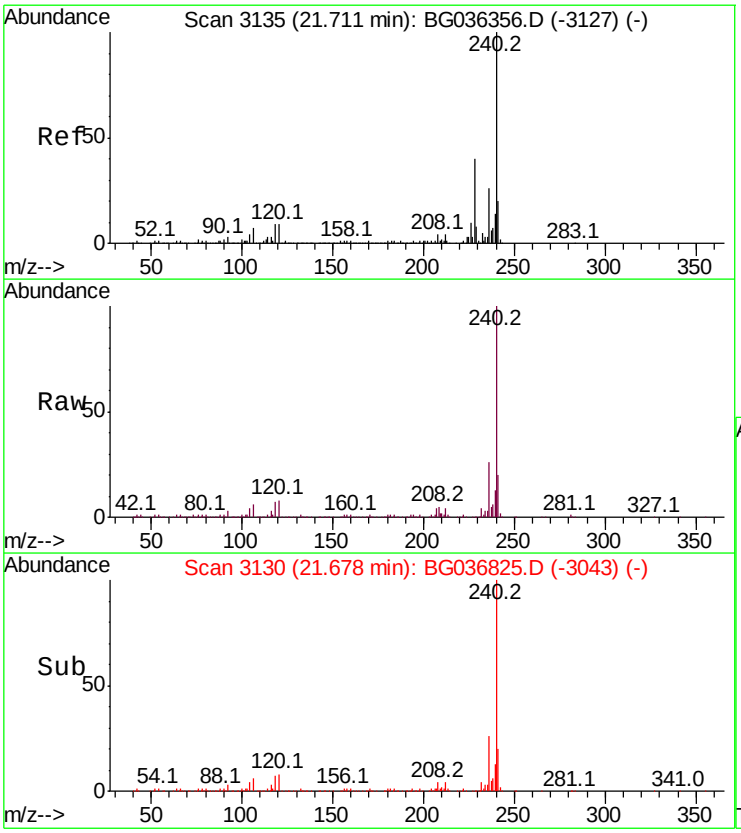
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.02 min
Lab File: BG036825.D
Acq: 19 Sep 2018 18:40

Instrument :
BNA_G
ClientSampleId :
NB-07-091818

Tgt Ion:188 Resp: 399685

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.7	10.1
80	9.3	8.1	12.1

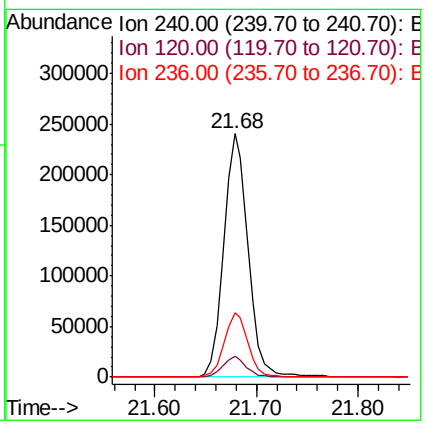


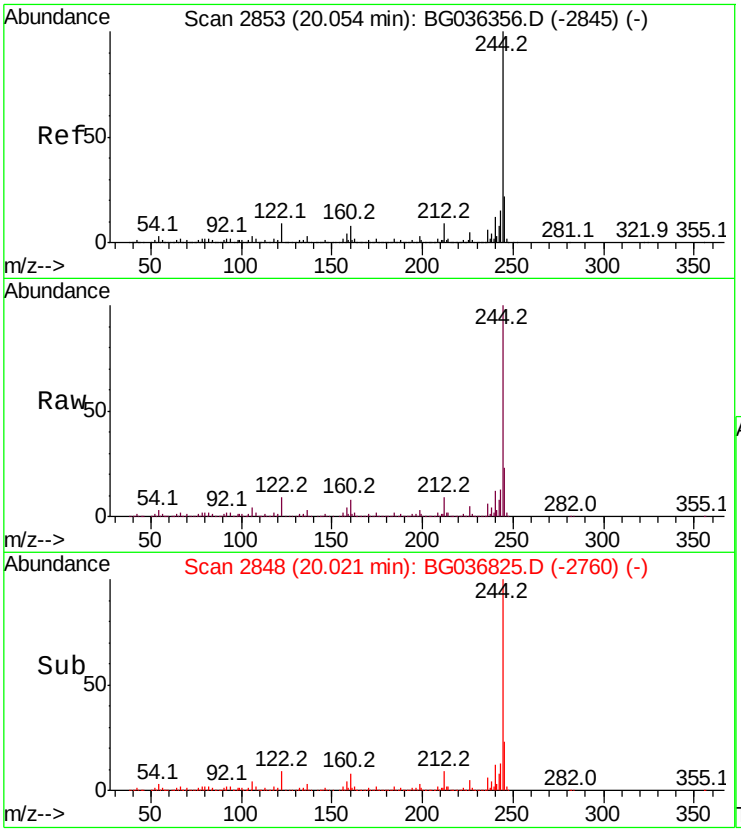


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG036825.D
Acq: 19 Sep 2018 18:40

Tgt Ion:240 Resp: 399285

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.9	10.3
236	26.4	21.2	31.8



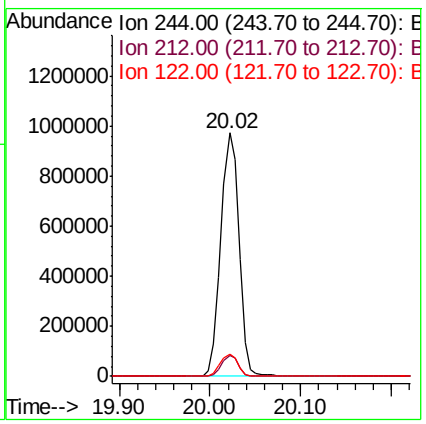


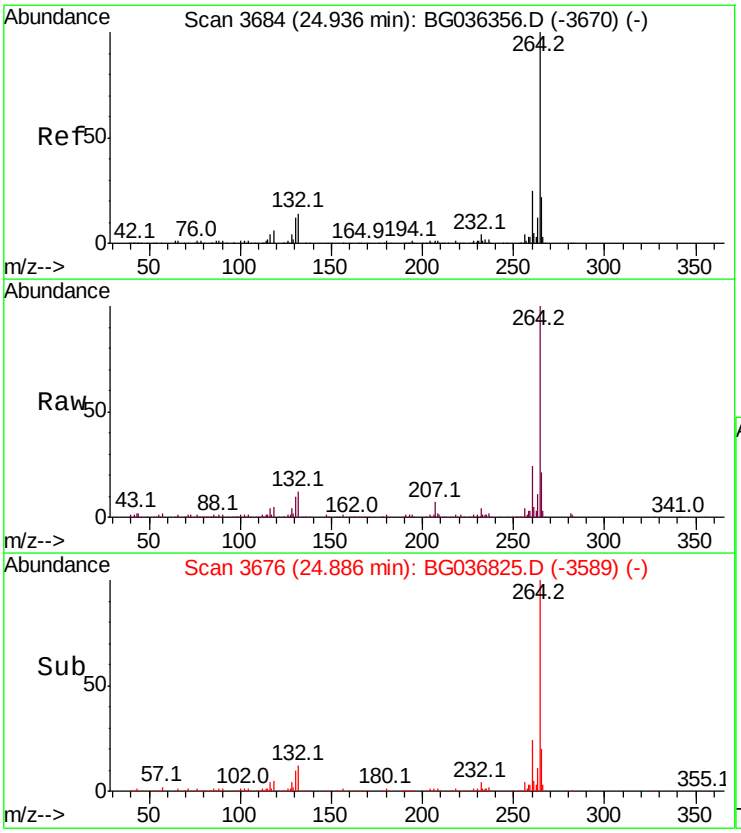
#78
Terphenyl-d14
Concen: 79.176 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG036825.D
Acq: 19 Sep 2018 18:40

Instrument :
BNA_G
ClientSampleId :
NB-07-091818

Tgt Ion:244 Resp: 1352558

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	9.1	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.02 min
Lab File: BG036825.D
Acq: 19 Sep 2018 18:40

Tgt Ion:264 Resp: 370306

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	20.5	17.4	26.0