Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
Data File : BG036775.D
Acq On : 18 Sep 2018 6:01
Operator : JU/SJ
Sample : J4936-38
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 132-1-VOLT

Quant Time: Sep 18 07:30:17 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	54215	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	224693	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	143276	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	355943	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	367188	20.00	ng	-0.01
86) Perylene-d12	24.89	264	375270	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	354083	103.60	ng	0.00
7) Phenol-d6	7.21	99	450764	92.12	ng	-0.01
23) Nitrobenzene-d5	9.21	82	356249	86.02	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	219743	128.53	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	779644	77.70	ng	-0.01
78) Terphenyl-d14	20.03	244	1278926	81.41	ng	0.00
Target Compounds						Qvalue

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

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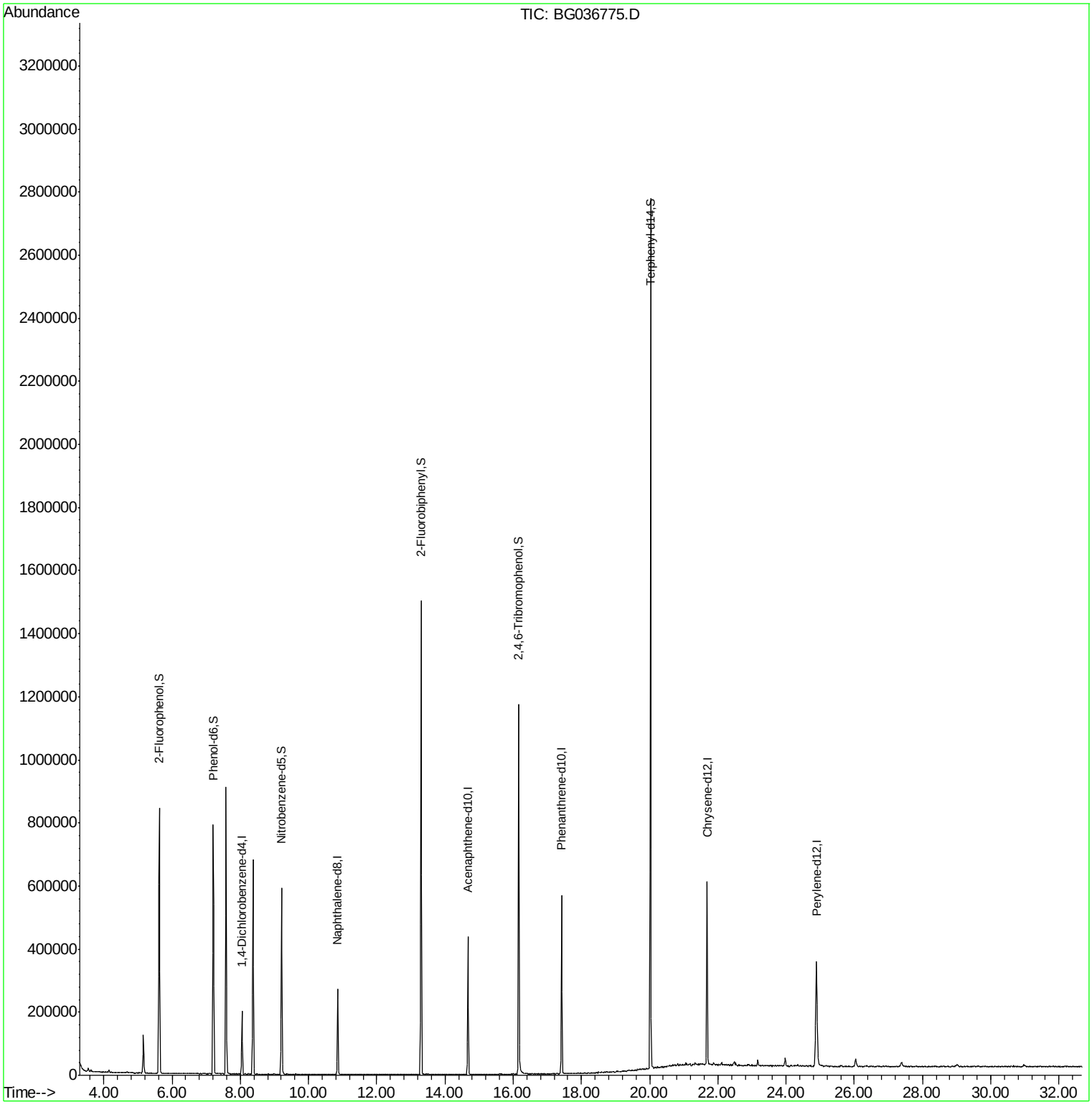
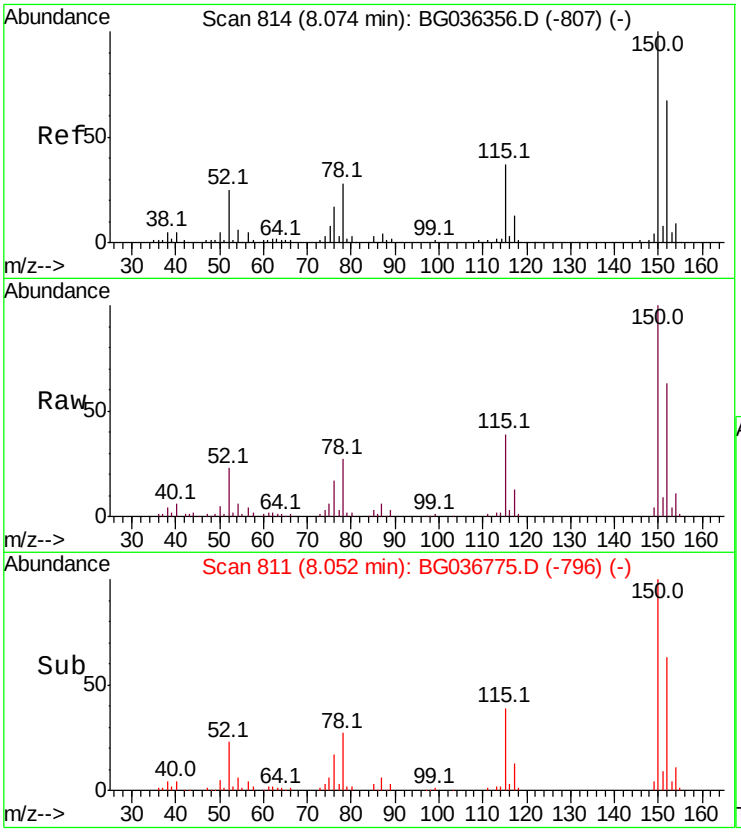


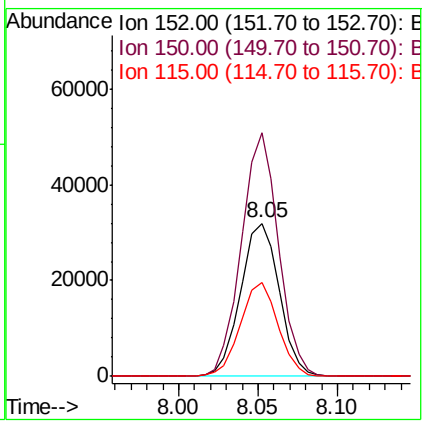


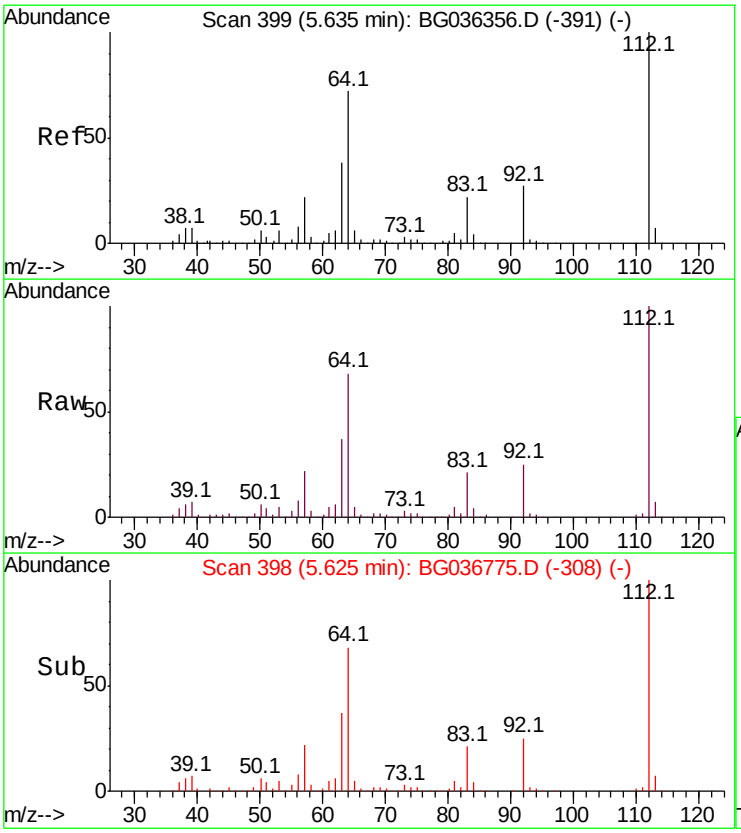
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036775.D
Acq: 18 Sep 2018 6:01

Instrument :
BNA_G
ClientSampleId :
132-1-VOLT

Tgt Ion:152 Resp: 54215

Ion	Ratio	Lower	Upper
152	100		
150	159.0	119.5	179.3
115	61.4	44.5	66.7

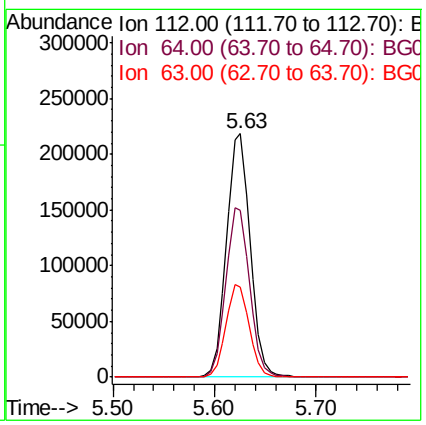


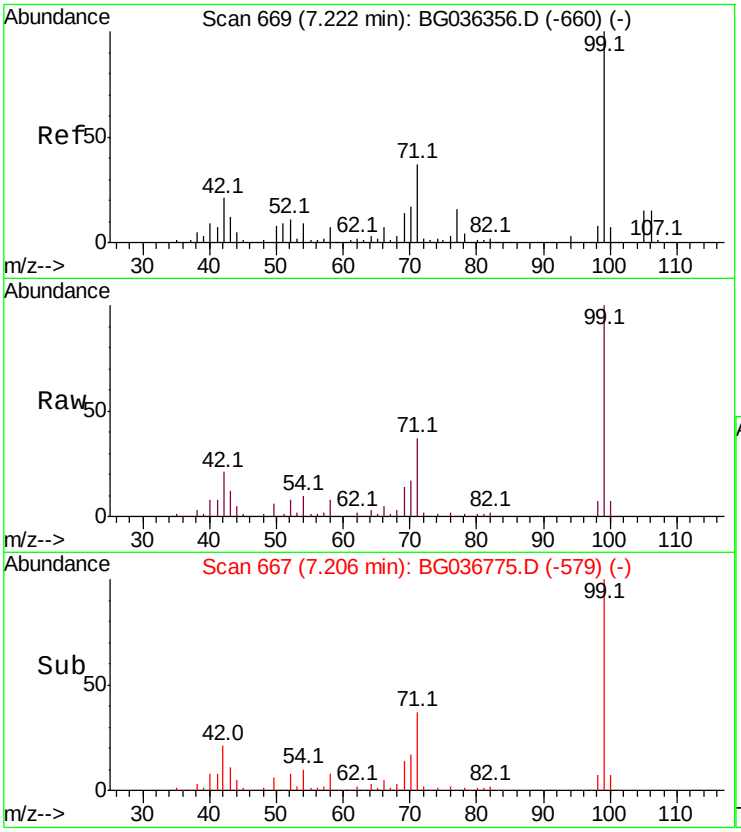


#5
2-Fluorophenol
Concen: 103.602 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036775.D
Acq: 18 Sep 2018 6:01

Tgt Ion:112 Resp: 354083

Ion	Ratio	Lower	Upper
112	100		
64	68.4	57.2	85.8
63	36.8	30.8	46.2



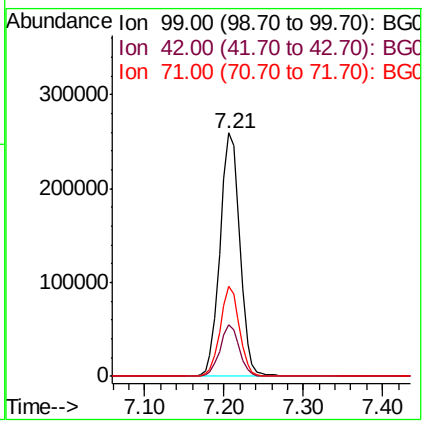


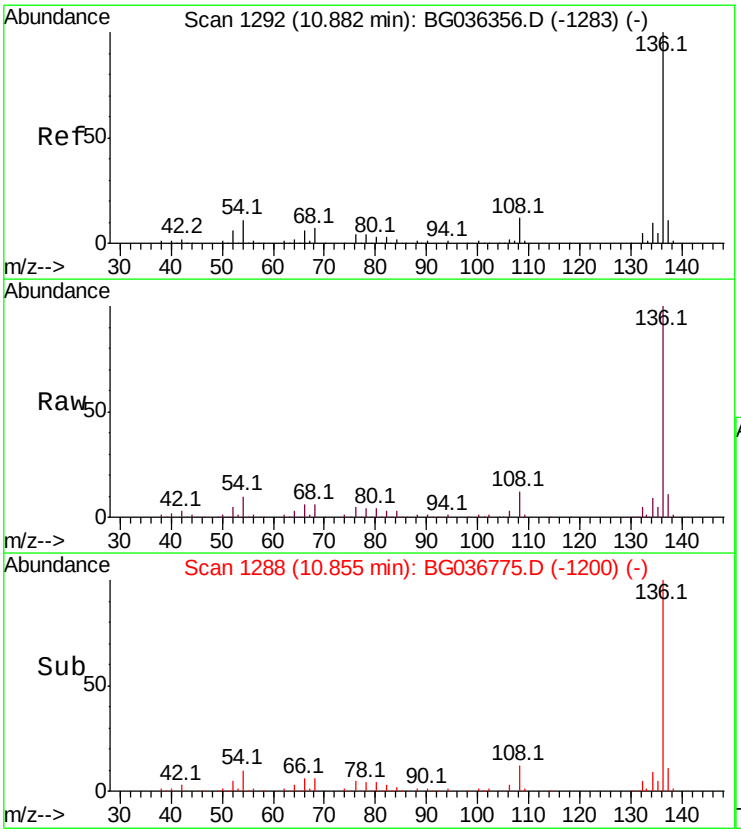
#7
Phenol-d6
Concen: 92.118 ng
RT: 7.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BG036775.D
Acq: 18 Sep 2018 6:01

Instrument :
BNA_G
ClientSampleId :
132-1-VOLT

Tgt Ion: 99 Resp: 450764

Ion	Ratio	Lower	Upper
99	100		
42	21.2	16.5	24.7
71	37.0	29.4	44.2

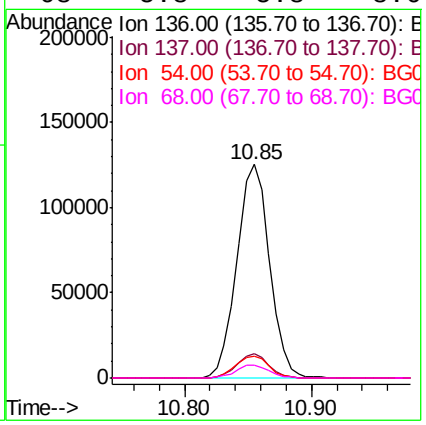


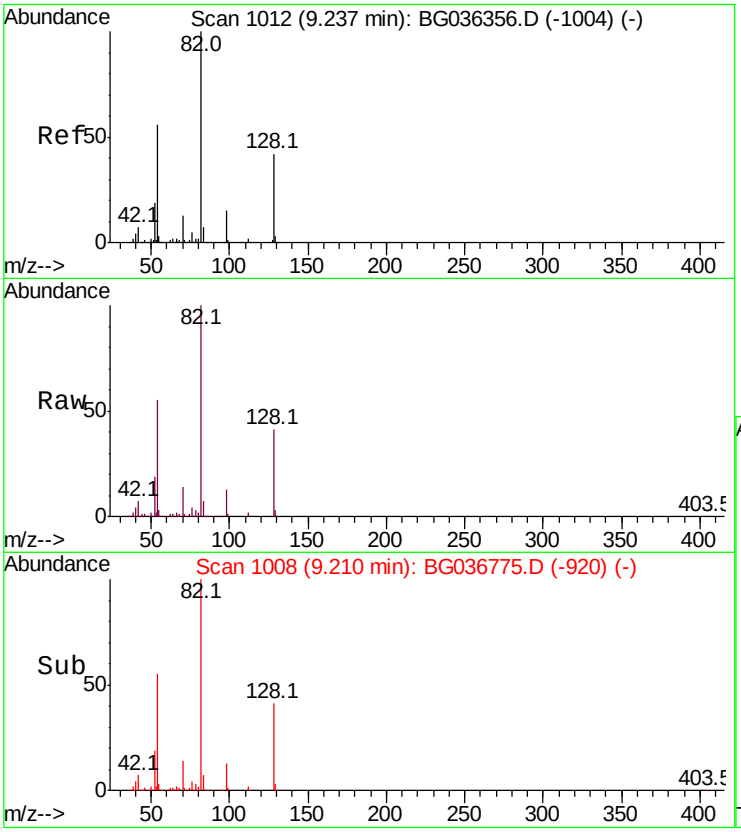


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036775.D
Acq: 18 Sep 2018 6:01

Tgt Ion:136 Resp: 224693

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	10.3	9.2	13.8
68	5.8	5.8	8.6



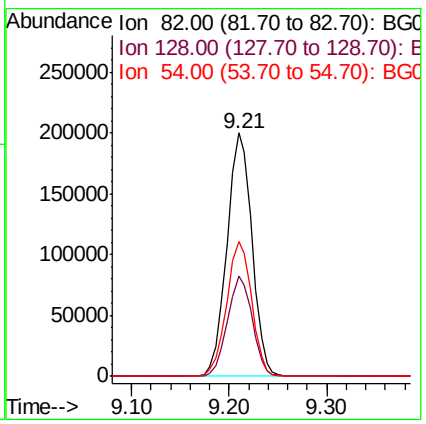


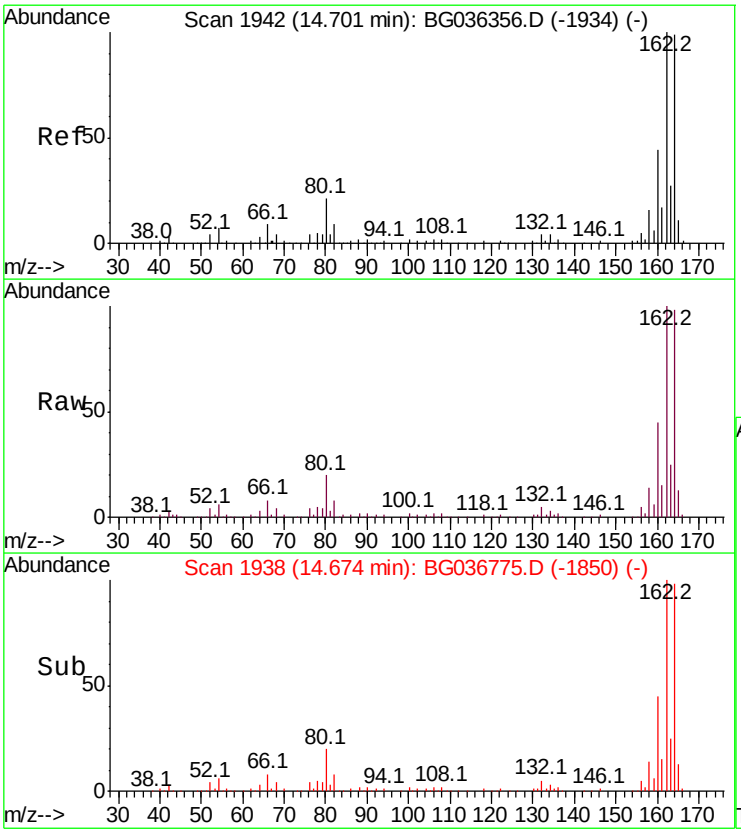
#23
Nitrobenzene-d5
Concen: 86.024 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036775.D
Acq: 18 Sep 2018 6:01

Instrument :
BNA_G
ClientSampleId :
132-1-VOLT

Tgt Ion: 82 Resp: 356249

Ion	Ratio	Lower	Upper
82	100		
128	41.0	33.3	49.9
54	55.5	45.1	67.7

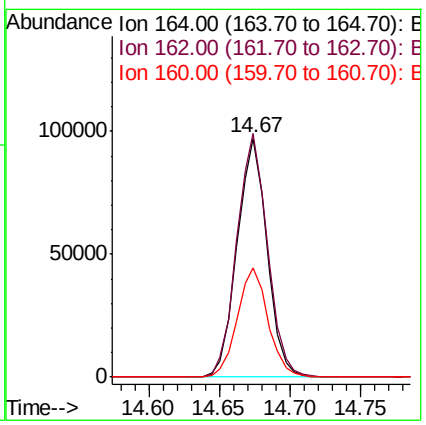


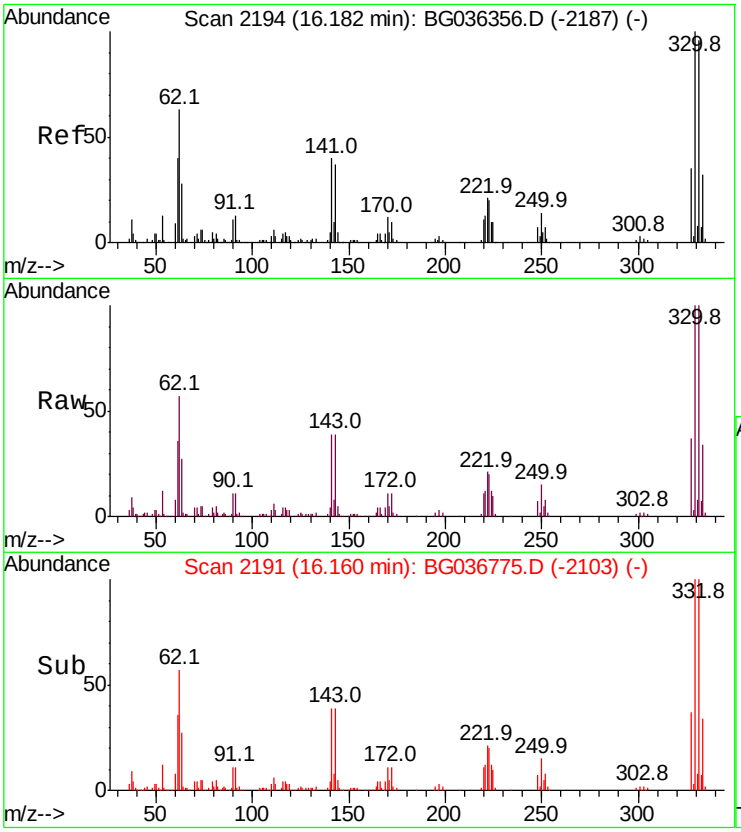


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036775.D
Acq: 18 Sep 2018 6:01

Tgt Ion:164 Resp: 143276

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.7	121.1
160	45.6	35.3	52.9



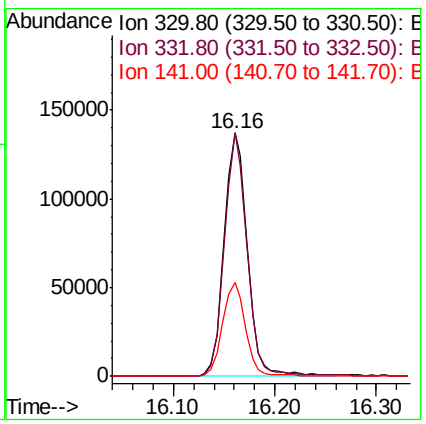


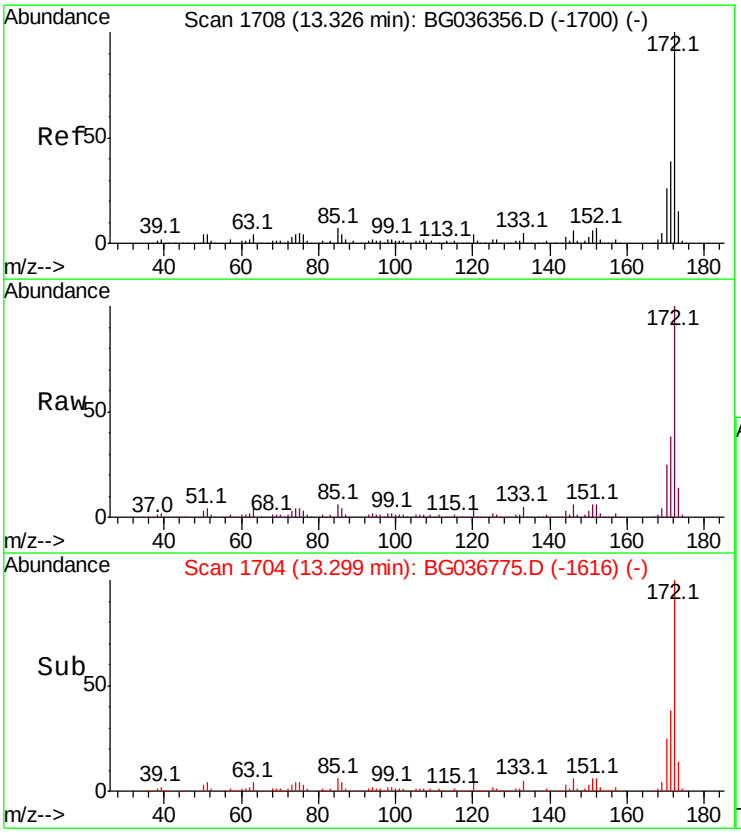
#41
2,4,6-Tribromophenol
Concen: 128.535 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG036775.D
Acq: 18 Sep 2018 6:01

Instrument :
BNA_G
ClientSampleId :
132-1-VOLT

Tgt Ion:330 Resp: 219743

Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.4	113.2
141	37.8	30.7	46.1

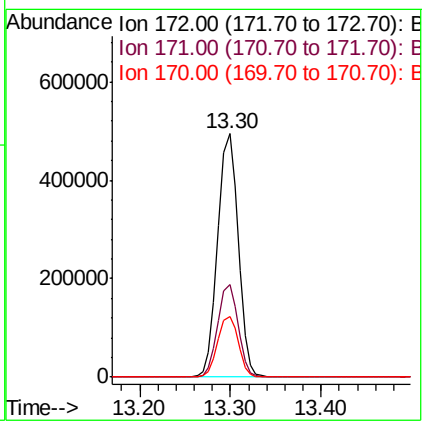


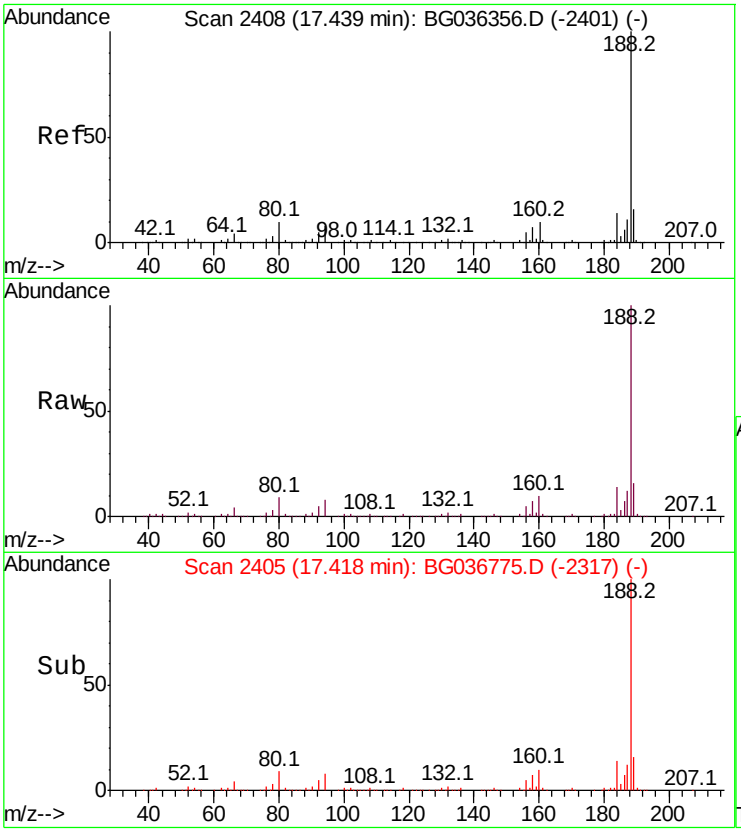


#44
2-Fluorobiphenyl
Concen: 77.696 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG036775.D
Acq: 18 Sep 2018 6:01

Tgt Ion:172 Resp: 779644

Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.3	46.9
170	24.6	21.0	31.6



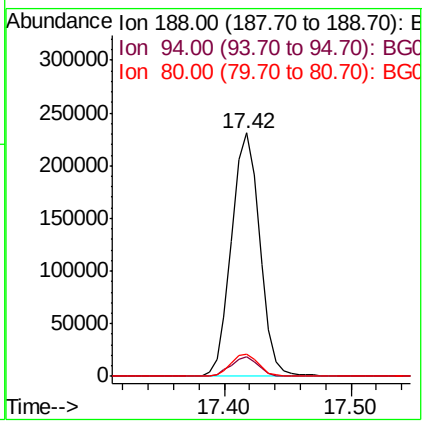


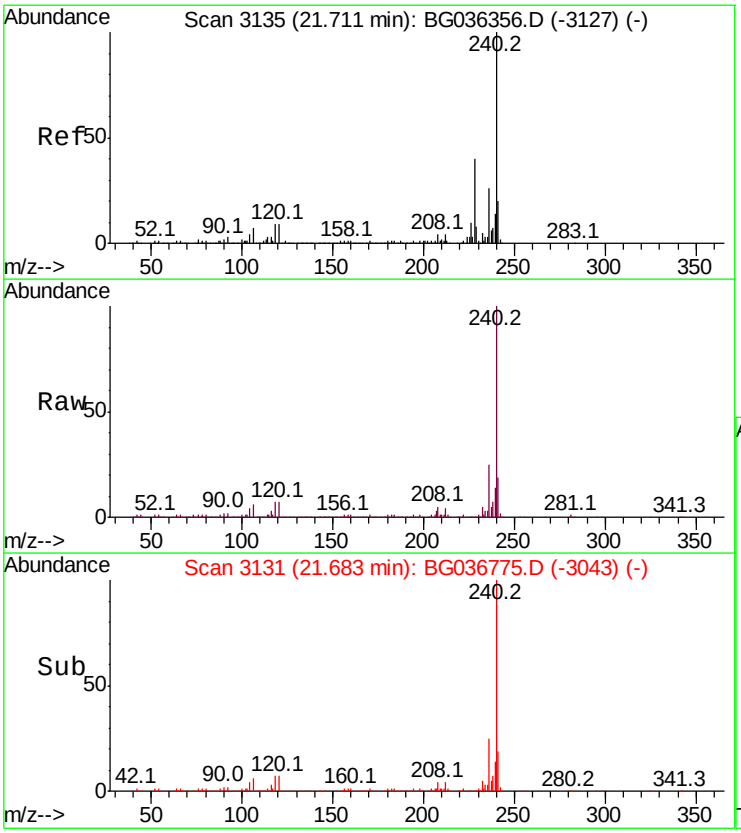
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036775.D
Acq: 18 Sep 2018 6:01

Instrument :
BNA_G
ClientSampleId :
132-1-VOLT

Tgt Ion:188 Resp: 355943

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.7	10.1
80	9.3	8.1	12.1

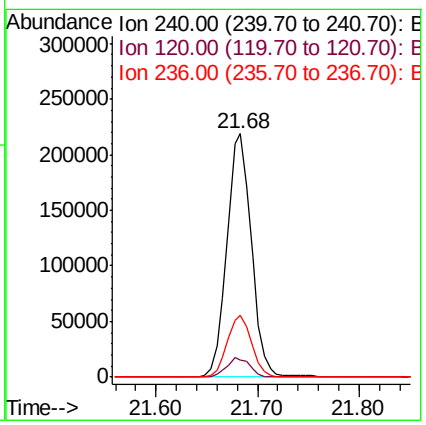


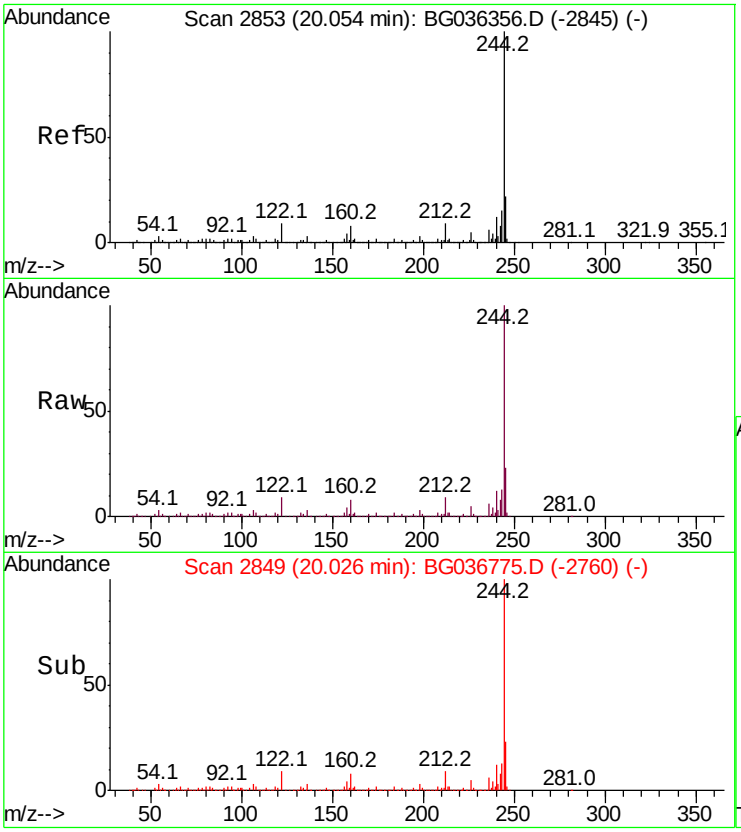


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036775.D
Acq: 18 Sep 2018 6:01

Tgt Ion:240 Resp: 367188

Ion	Ratio	Lower	Upper
240	100		
120	7.2	6.9	10.3
236	25.2	21.2	31.8



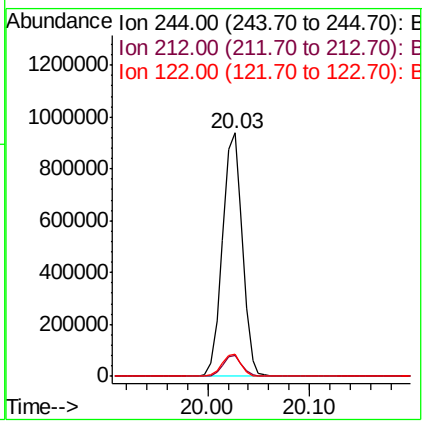


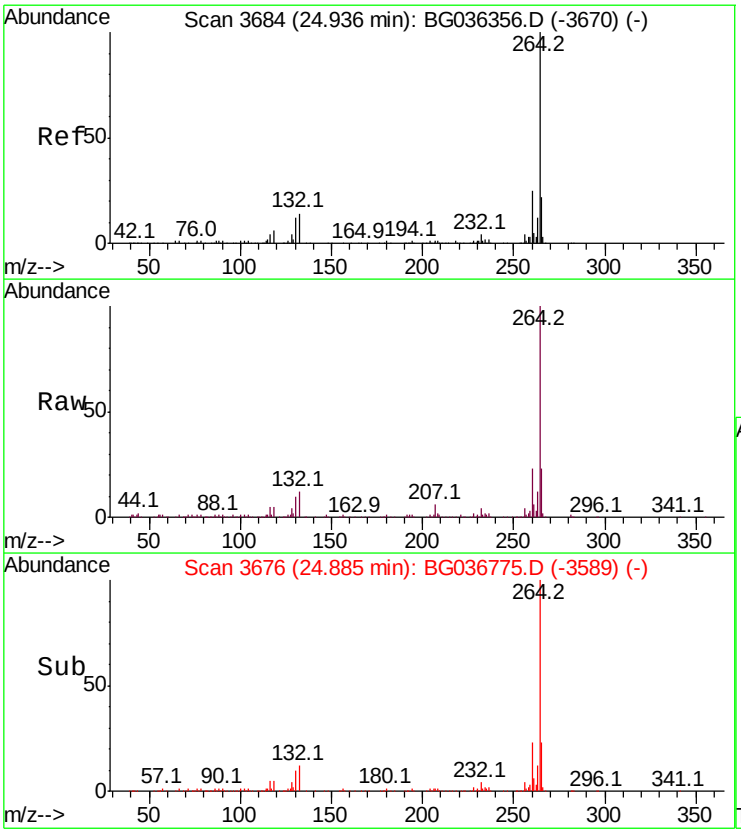
#78
Terphenyl-d14
Concen: 81.410 ng
RT: 20.03 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BG036775.D
Acq: 18 Sep 2018 6:01

Instrument :
BNA_G
ClientSampleId :
132-1-VOLT

Tgt Ion:244 Resp: 1278926

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	9.0	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: BG036775.D
Acq: 18 Sep 2018 6:01

Tgt Ion:264 Resp: 375270

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	22.6	17.4	26.0