Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
Data File : BG036870.D
Acq On : 21 Sep 2018 22:38
Operator : JU/SJ
Sample : J4777-24
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PL-03-092018-C

Quant Time: Sep 22 05:06:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 20:07:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	37764	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	152409	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	103518	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	286538	20.00	ng	0.00
75) Chrysene-d12	21.68	240	317071	20.00	ng	0.00
86) Perylene-d12	24.90	264	312769	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	253874	128.93	ng	0.00
7) Phenol-d6	7.21	99	319134	104.75	ng	0.00
23) Nitrobenzene-d5	9.21	82	260275	91.45	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	178815	144.38	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	567749	81.69	ng	0.00
78) Terphenyl-d14	20.03	244	1224877	101.58	ng	0.00
Target Compounds						Qvalue

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

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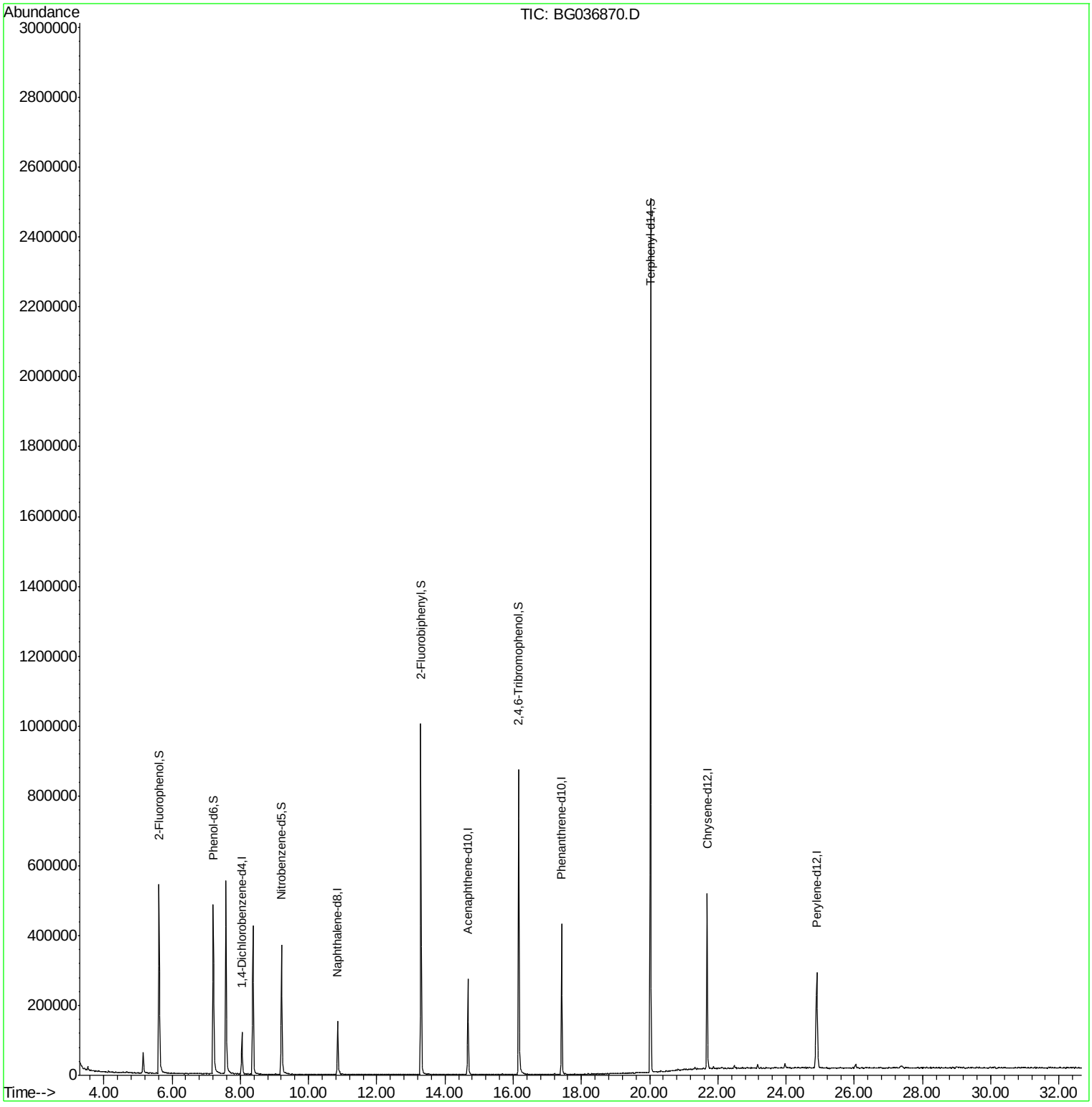
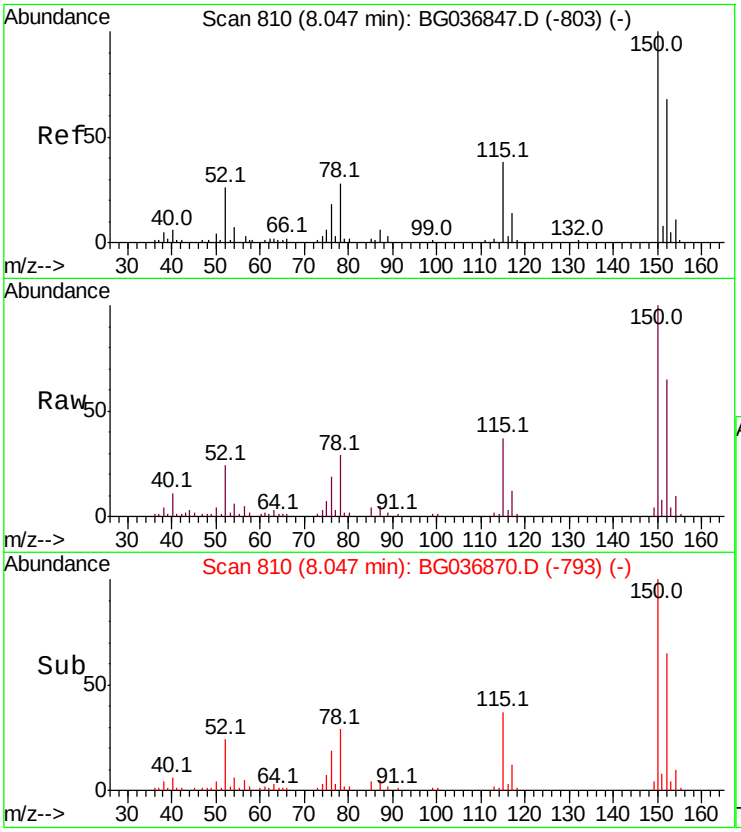


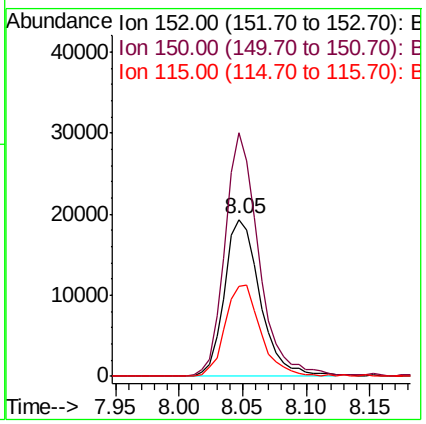


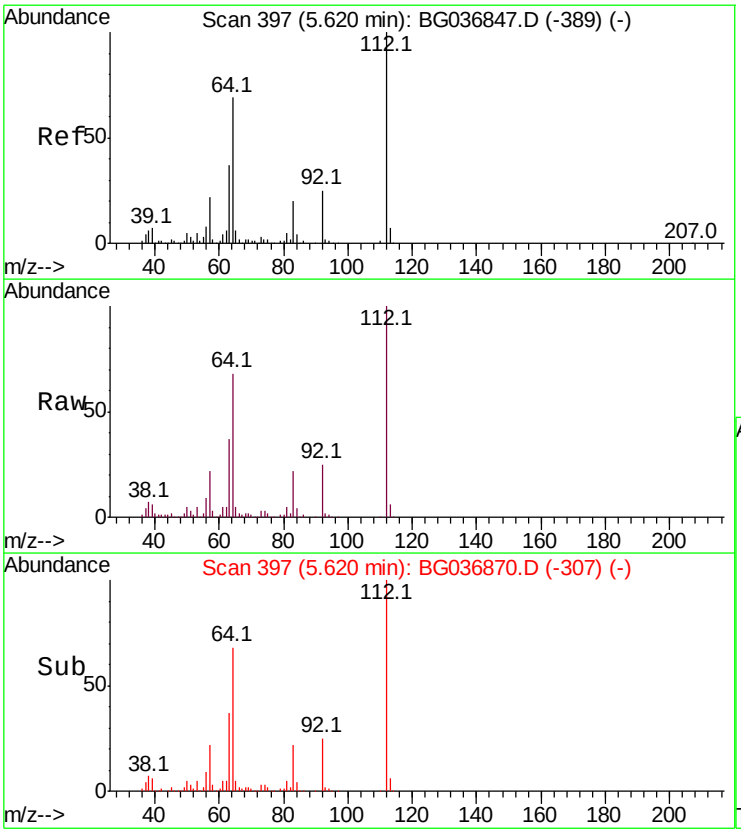
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036870.D
Acq: 21 Sep 2018 22:38

Instrument :
BNA_G
ClientSampleId :
PL-03-092018-C

Tgt Ion:152 Resp: 37764

Ion	Ratio	Lower	Upper
152	100		
150	154.9	119.5	179.3
115	57.6	44.5	66.7

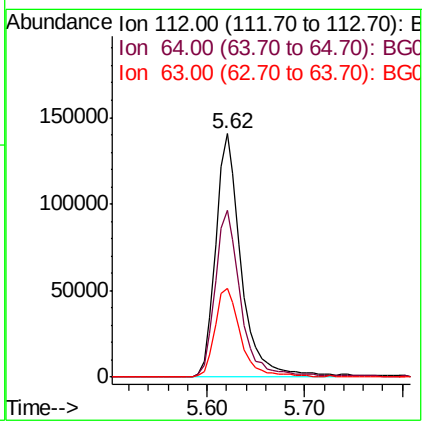


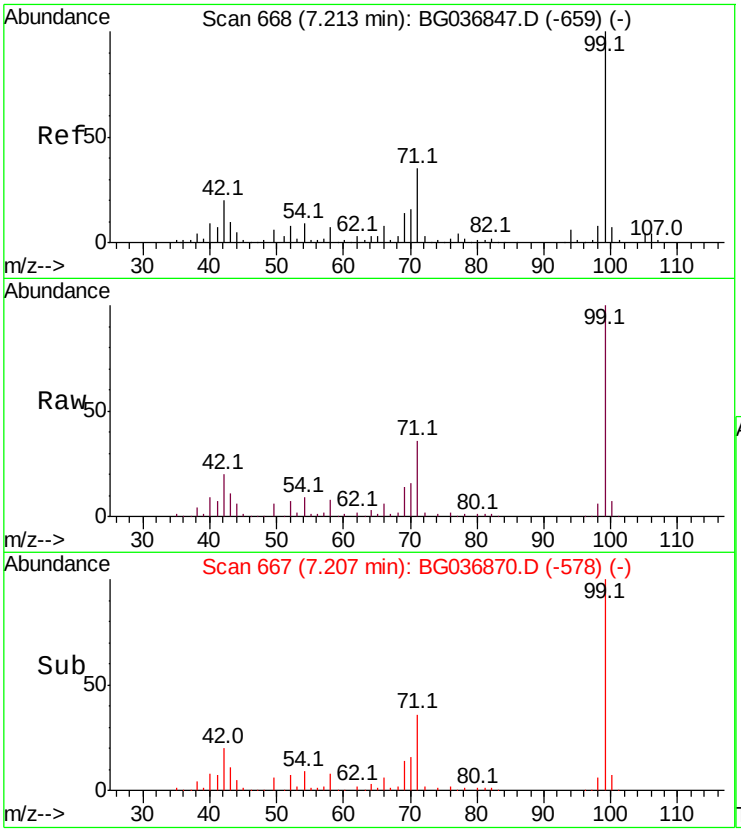


#5
2-Fluorophenol
Concen: 128.926 ng
RT: 5.62 min Scan# 397
Delta R.T. 0.00 min
Lab File: BG036870.D
Acq: 21 Sep 2018 22:38

Tgt Ion:112 Resp: 253874

Ion	Ratio	Lower	Upper
112	100		
64	68.4	57.2	85.8
63	36.5	30.8	46.2



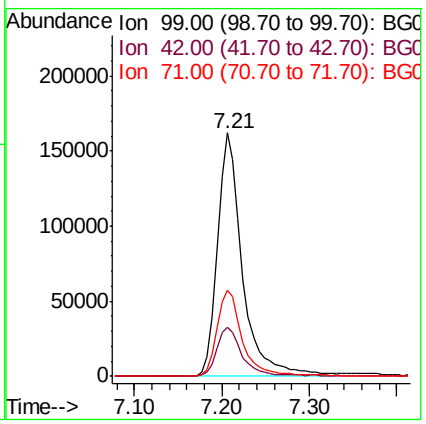


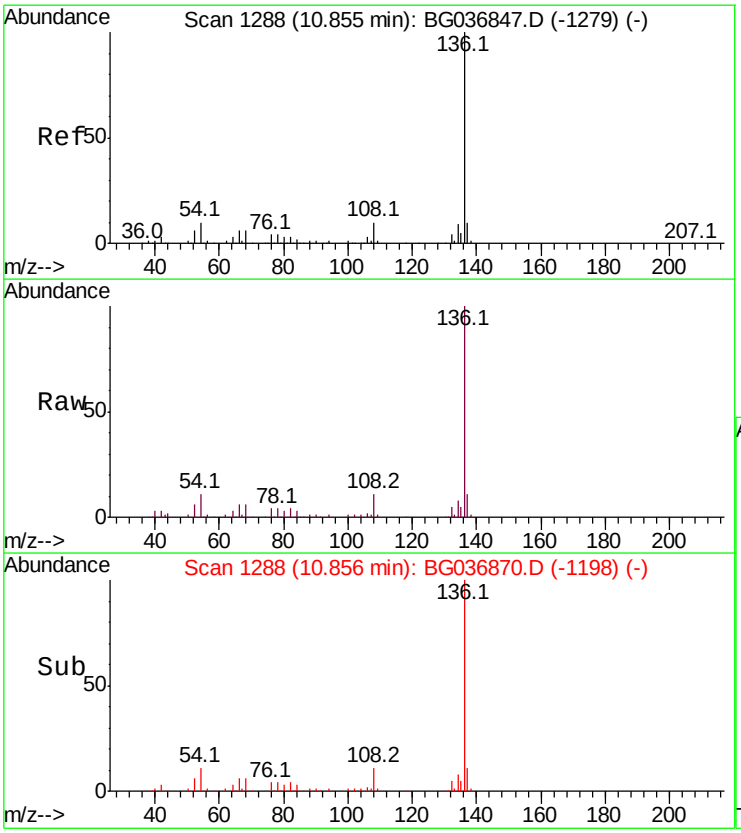
#7
Phenol-d6
Concen: 104.751 ng
RT: 7.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BG036870.D
Acq: 21 Sep 2018 22:38

Instrument :
BNA_G
ClientSampleId :
PL-03-092018-C

Tgt Ion: 99 Resp: 319134

Ion	Ratio	Lower	Upper
99	100		
42	20.2	16.5	24.7
71	35.6	29.4	44.2

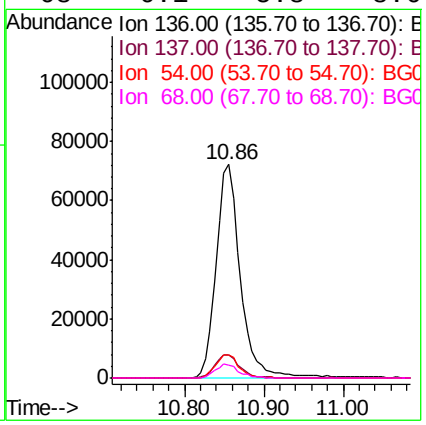


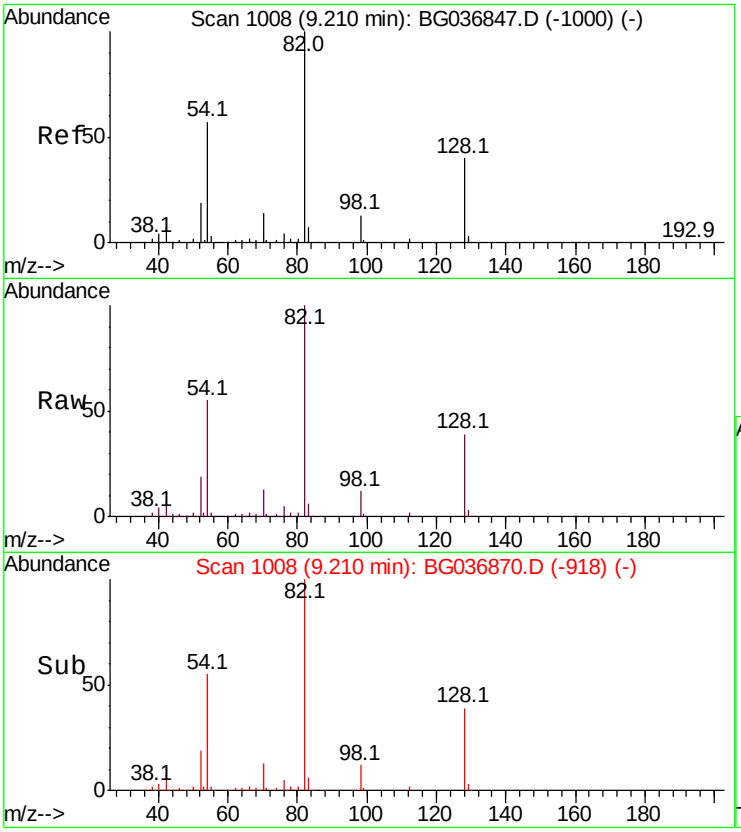


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BG036870.D
Acq: 21 Sep 2018 22:38

Tgt Ion:136 Resp: 152409

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	10.7	9.2	13.8
68	6.1	5.8	8.6

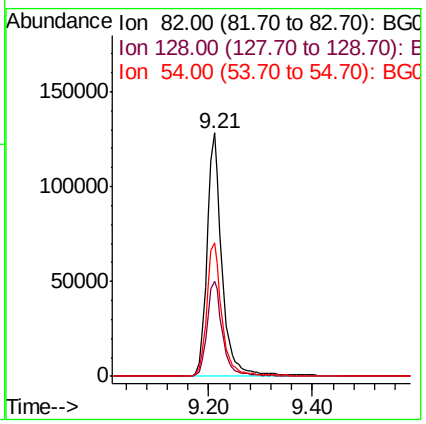




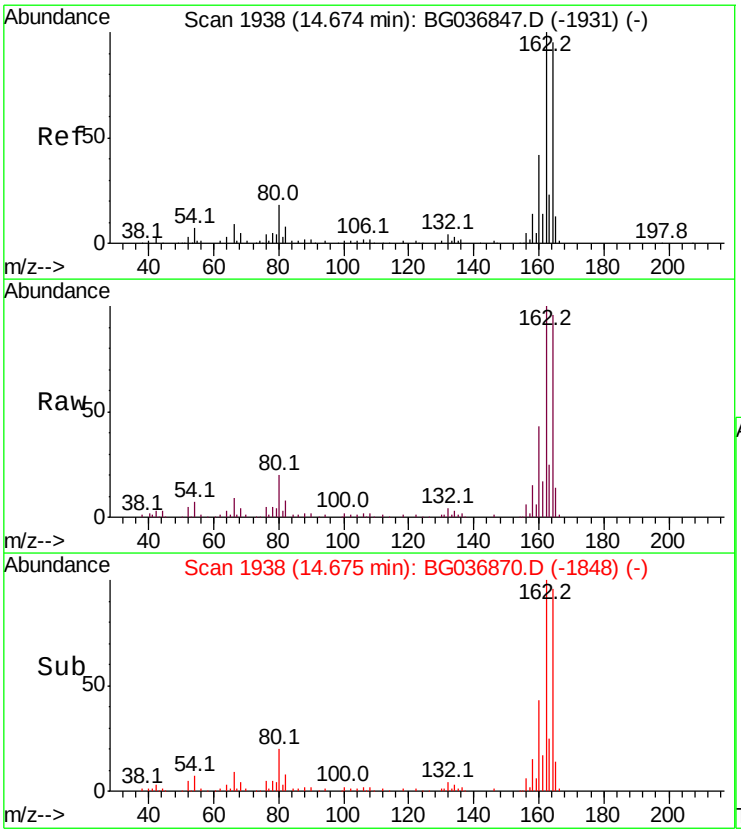
#23
Nitrobenzene-d5
Concen: 91.451 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BG036870.D
Acq: 21 Sep 2018 22:38

Tgt Ion: 82 Resp: 260275

Ion	Ratio	Lower	Upper
82	100		
128	39.0	33.3	49.9
54	55.0	45.1	67.7



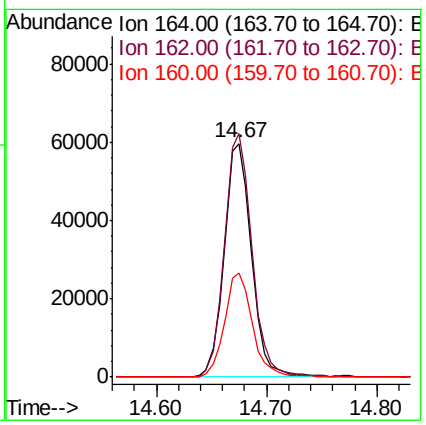
Instrument :
BNA_G
ClientSampleId :
PL-03-092018-C

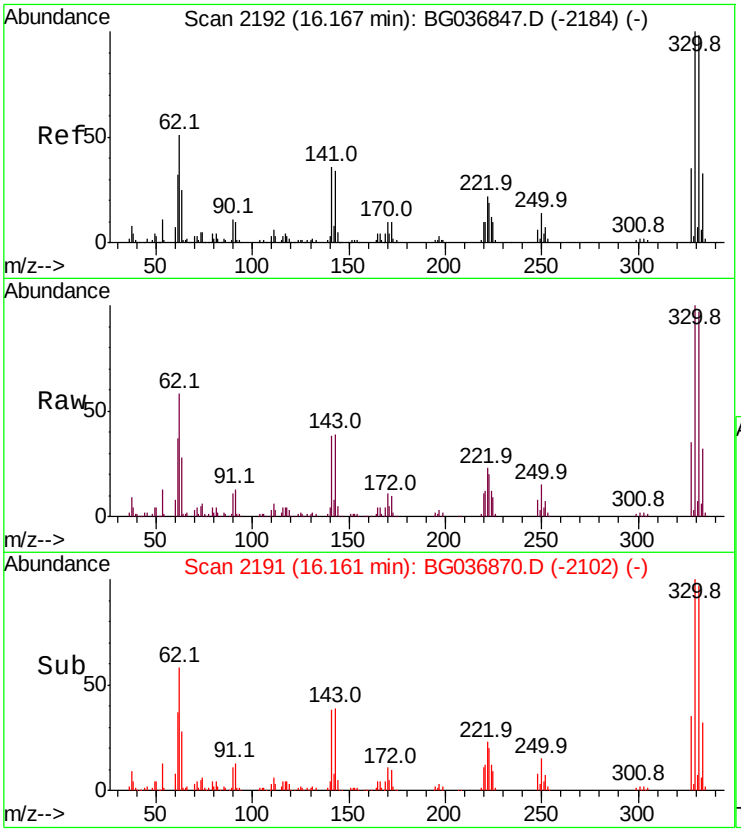


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BG036870.D
Acq: 21 Sep 2018 22:38

Tgt Ion:164 Resp: 103518

Ion	Ratio	Lower	Upper
164	100		
162	104.2	80.7	121.1
160	44.7	35.3	52.9



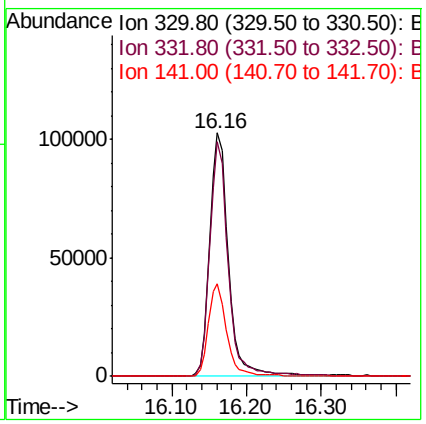


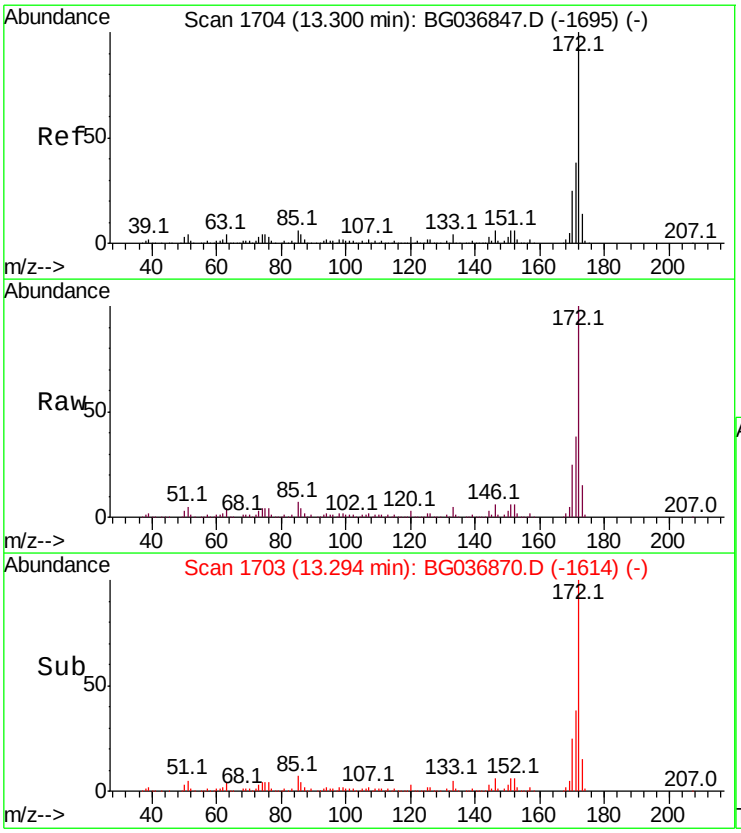
#41
2,4,6-Tribromophenol
Concen: 144.377 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG036870.D
Acq: 21 Sep 2018 22:38

Instrument :
BNA_G
ClientSampleId :
PL-03-092018-C

Tgt Ion:330 Resp: 178815

Ion	Ratio	Lower	Upper
330	100		
332	94.9	75.4	113.2
141	37.2	30.7	46.1

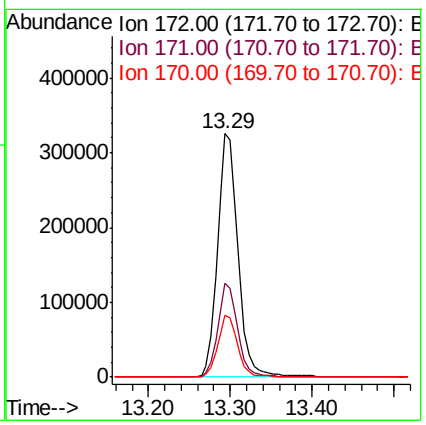


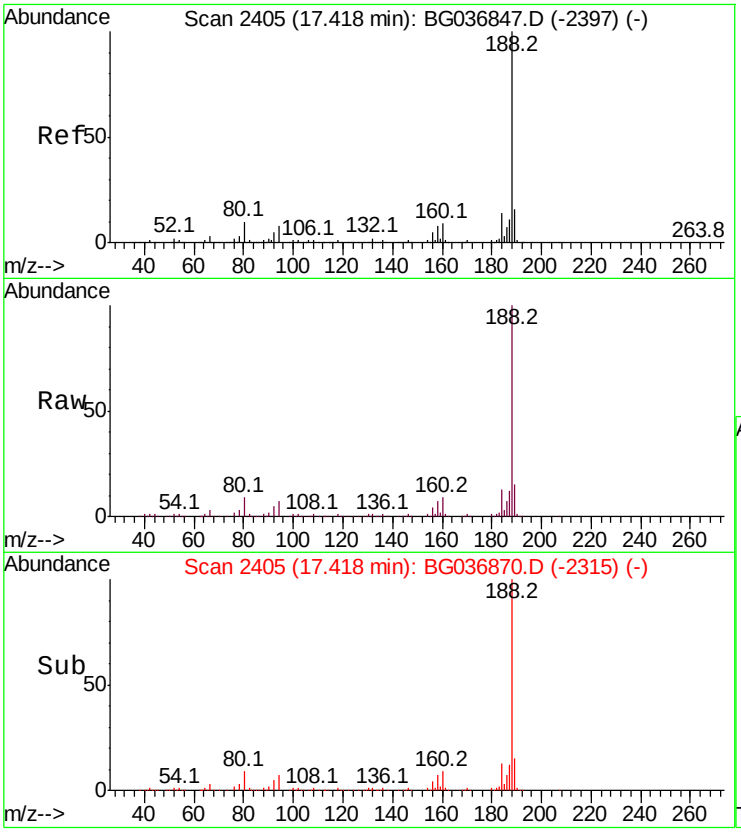


#44
2-Fluorobiphenyl
Concen: 81.686 ng
RT: 13.29 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG036870.D
Acq: 21 Sep 2018 22:38

Tgt Ion:172 Resp: 567749

Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.3	46.9
170	25.2	21.0	31.6



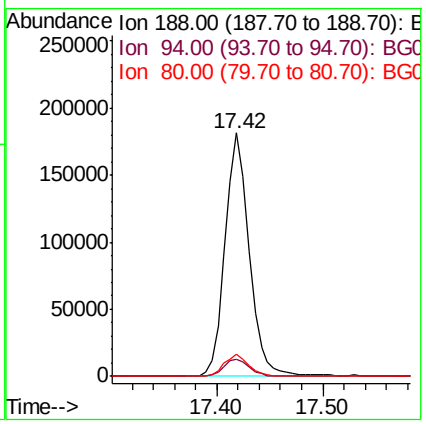


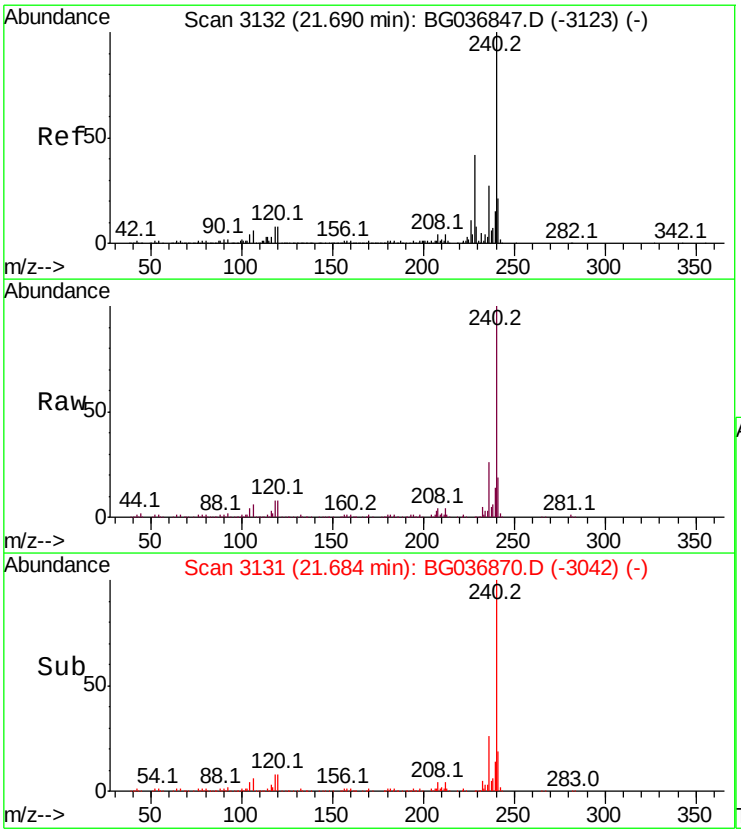
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. 0.00 min
Lab File: BG036870.D
Acq: 21 Sep 2018 22:38

Instrument :
BNA_G
ClientSampleId :
PL-03-092018-C

Tgt Ion:188 Resp: 286538

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.7	10.1
80	9.2	8.1	12.1

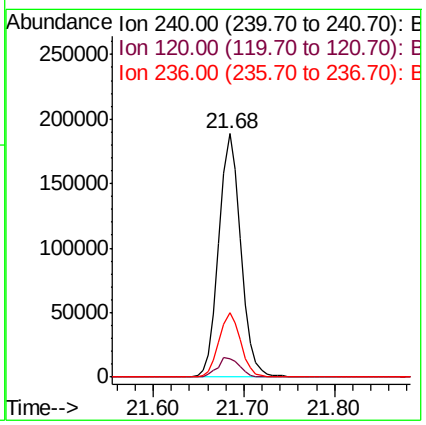


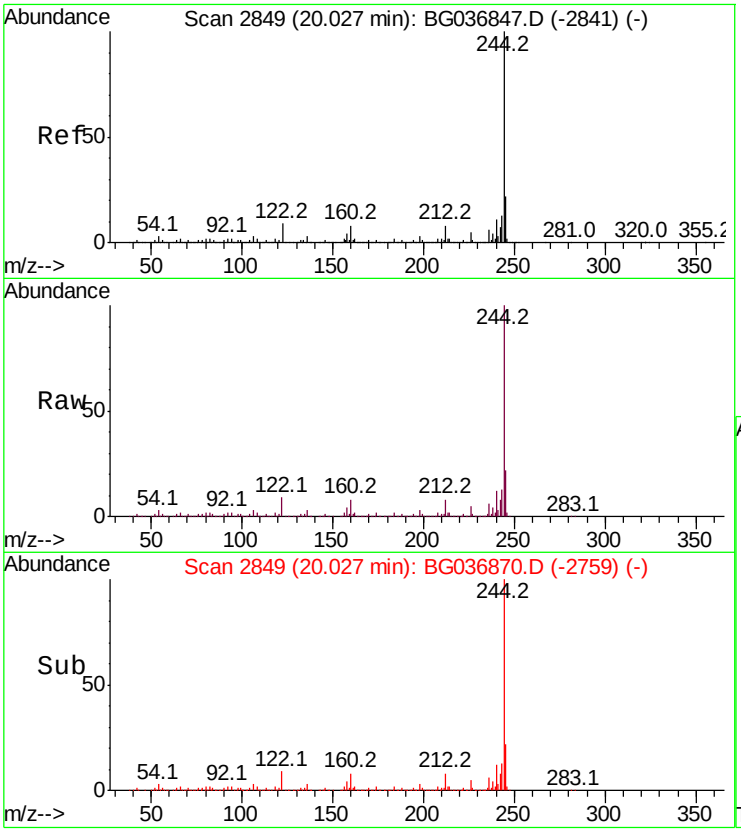


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036870.D
Acq: 21 Sep 2018 22:38

Tgt Ion:240 Resp: 317071

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.9	10.3
236	26.3	21.2	31.8



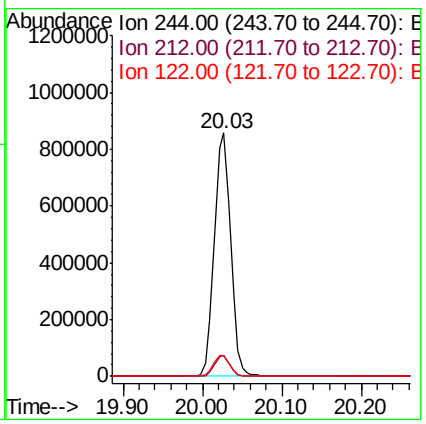


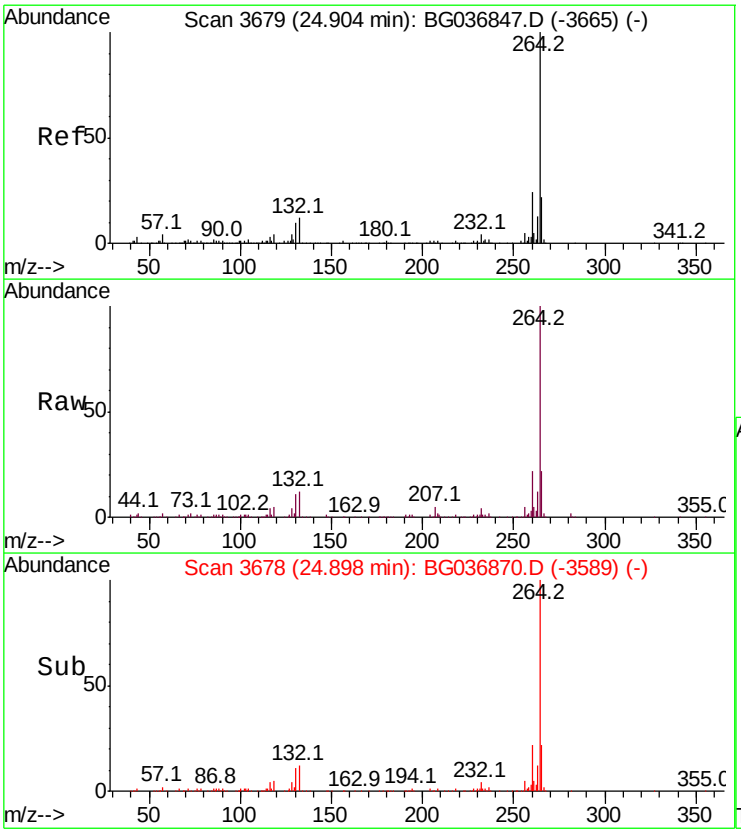
#78
Terphenyl-d14
Concen: 101.580 ng
RT: 20.03 min Scan# 2849
Delta R.T. 0.00 min
Lab File: BG036870.D
Acq: 21 Sep 2018 22:38

Instrument :
BNA_G
ClientSampleId :
PL-03-092018-C

Tgt Ion:244 Resp: 1224877

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.6
122	8.8	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.01 min
Lab File: BG036870.D
Acq: 21 Sep 2018 22:38

Tgt Ion:264 Resp: 312769

Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.6	29.4
265	21.7	17.4	26.0