Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
Data File : BG036894.D
Acq On : 22 Sep 2018 14:53
Operator : JU/SJ
Sample : J4778-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SA-01-091918

Quant Time: Sep 24 04:22:24 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	8.04	152	39185	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	166230	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	113507	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	302539	20.00	ng	0.00
75) Chrysene-d12	21.68	240	329531	20.00	ng	-0.01
86) Perylene-d12	24.89	264	330690	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	259147	126.83	ng	0.00
7) Phenol-d6	7.21	99	338382	107.04	ng	0.00
23) Nitrobenzene-d5	9.21	82	269122	86.70	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	178632	131.54	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	612665	80.39	ng	0.00
78) Terphenyl-d14	20.02	244	1219838	97.34	ng	0.00
Target Compounds						Qvalue

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

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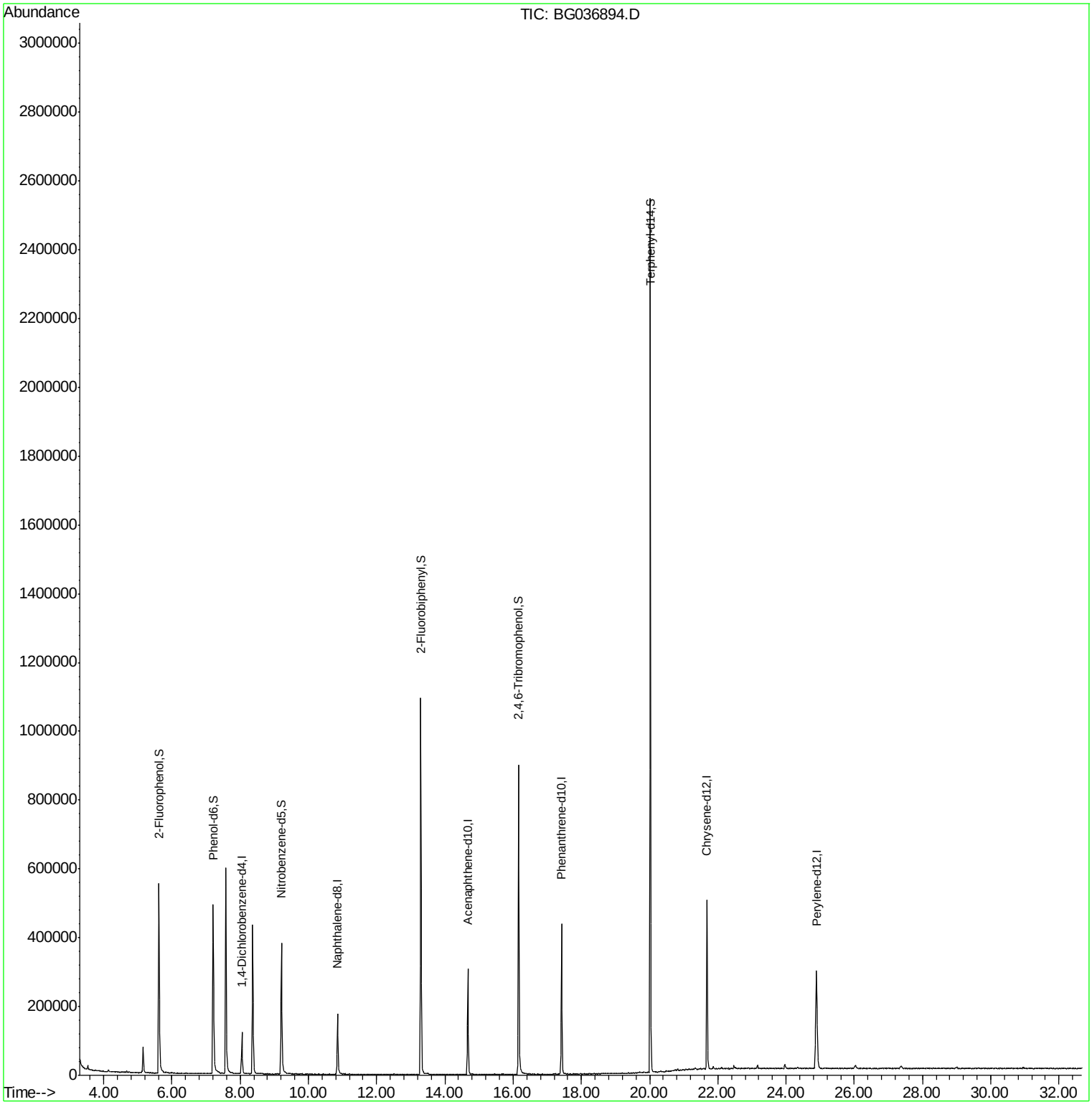
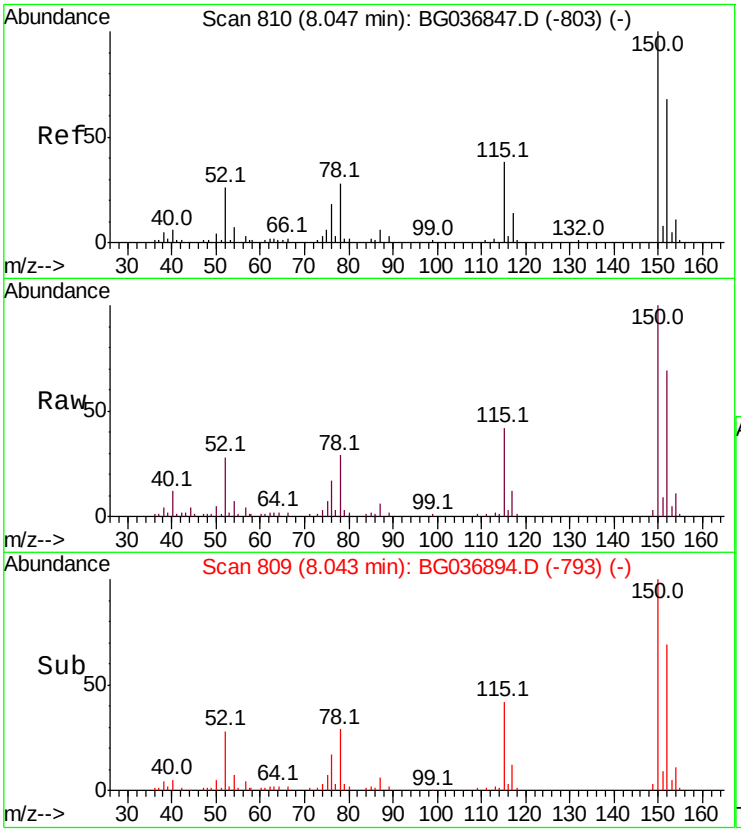


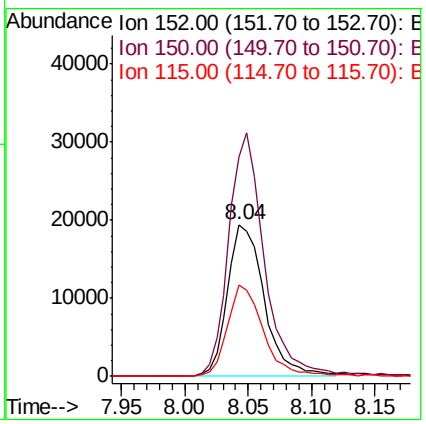


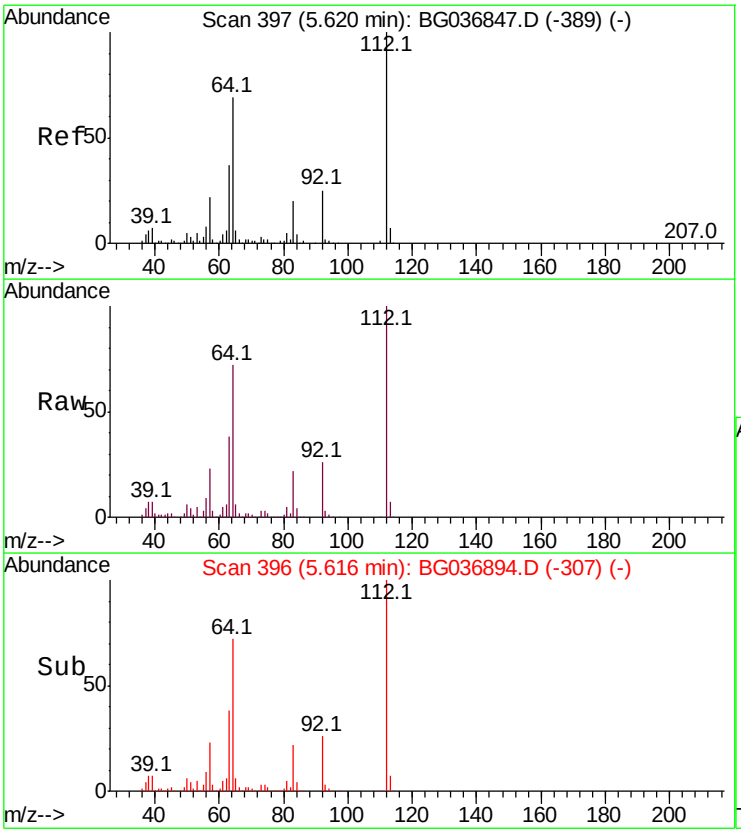
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG036894.D
Acq: 22 Sep 2018 14:53

Instrument :
BNA_G
ClientSampleId :
SA-01-091918

Tgt Ion:152 Resp: 39185

Ion	Ratio	Lower	Upper
152	100		
150	144.8	119.5	179.3
115	60.2	44.5	66.7

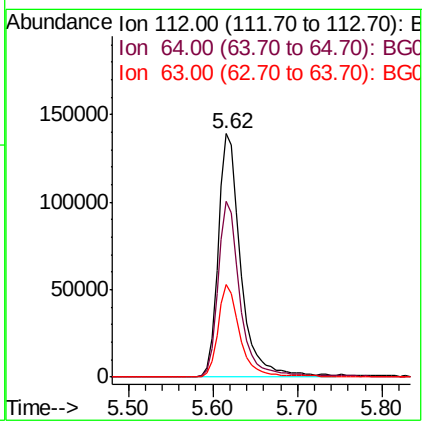


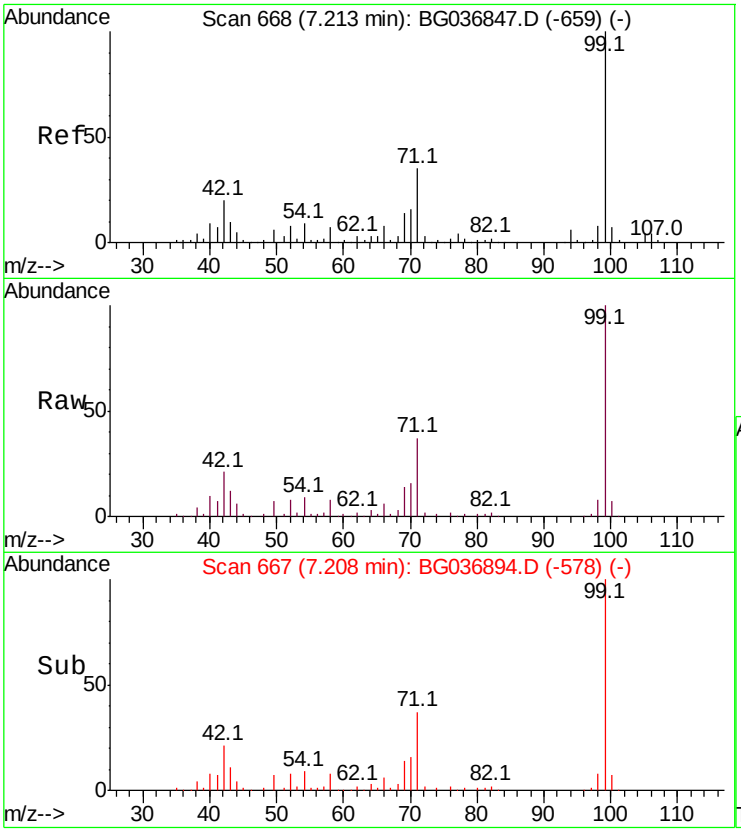


#5
2-Fluorophenol
Concen: 126.831 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG036894.D
Acq: 22 Sep 2018 14:53

Tgt Ion:112 Resp: 259147

Ion	Ratio	Lower	Upper
112	100		
64	72.2	57.2	85.8
63	38.1	30.8	46.2



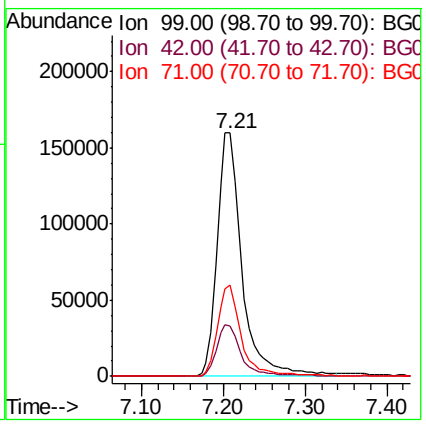


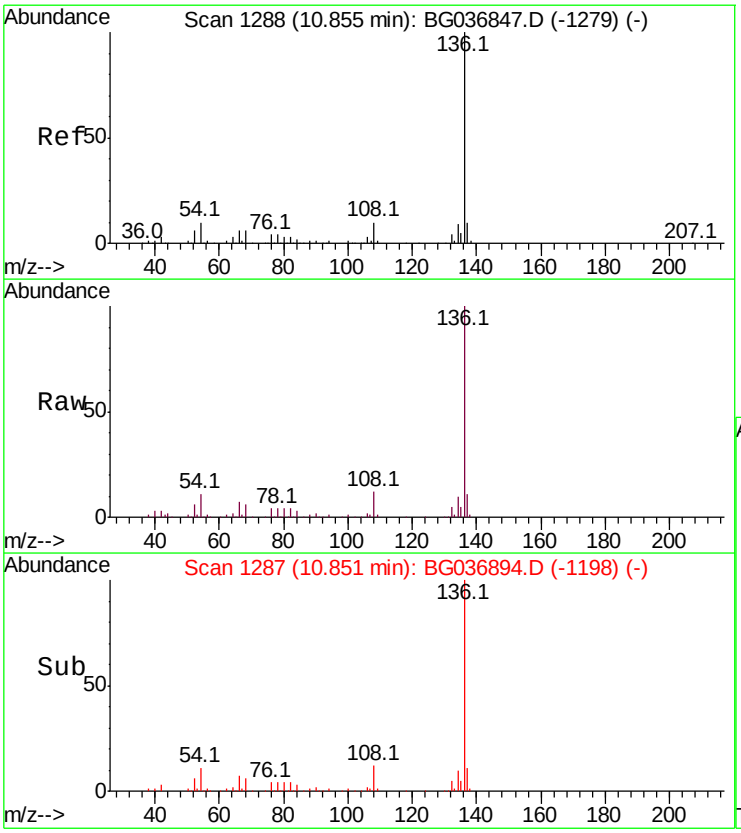
#7
Phenol-d6
Concen: 107.041 ng
RT: 7.21 min Scan# 667
Delta R.T. -0.00 min
Lab File: BG036894.D
Acq: 22 Sep 2018 14:53

Instrument :
BNA_G
ClientSampleId :
SA-01-091918

Tgt Ion: 99 Resp: 338382

Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.5	24.7
71	37.4	29.4	44.2

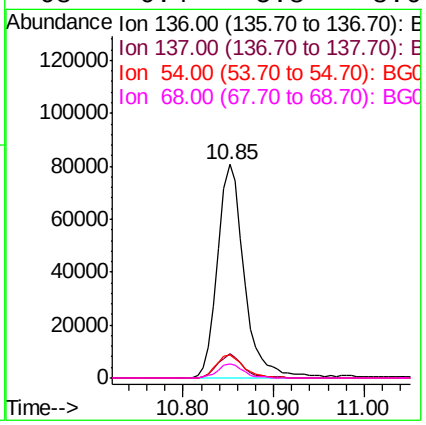


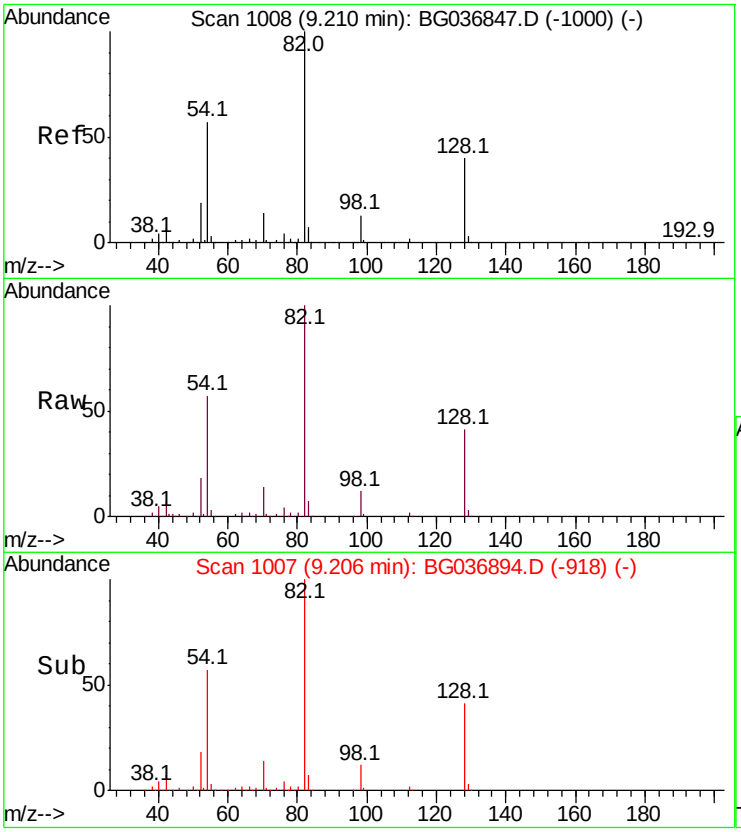


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG036894.D
Acq: 22 Sep 2018 14:53

Tgt Ion:136 Resp: 166230

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	11.0	9.2	13.8
68	6.4	5.8	8.6



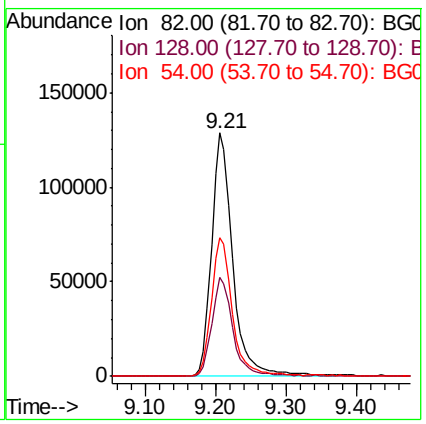


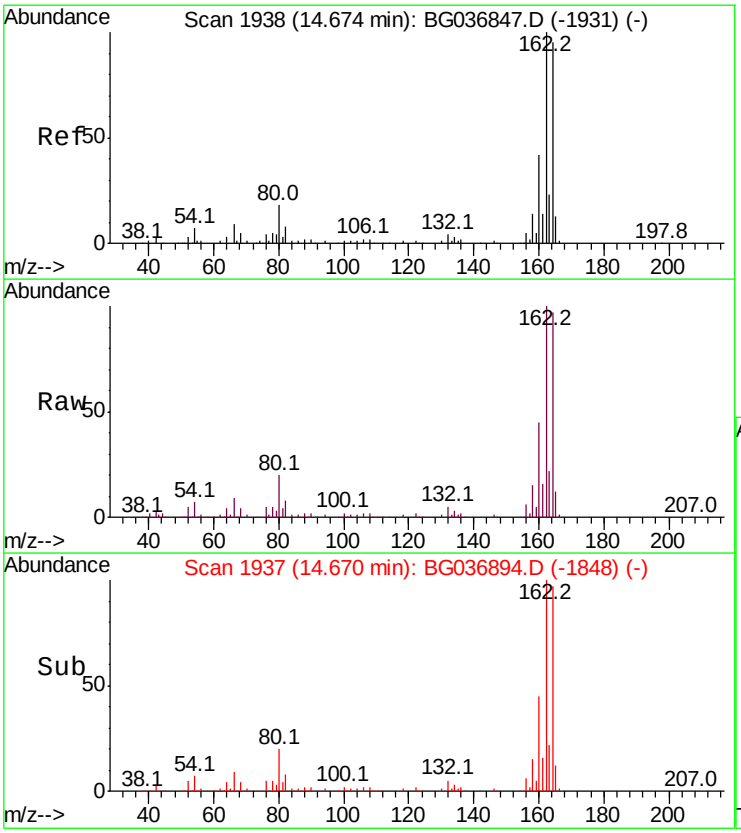
#23
Nitrobenzene-d5
Concen: 86.698 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG036894.D
Acq: 22 Sep 2018 14:53

Instrument :
BNA_G
ClientSampleId :
SA-01-091918

Tgt Ion: 82 Resp: 269122

Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.3	49.9
54	56.8	45.1	67.7

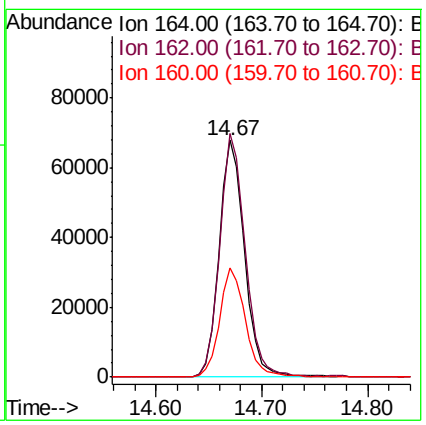


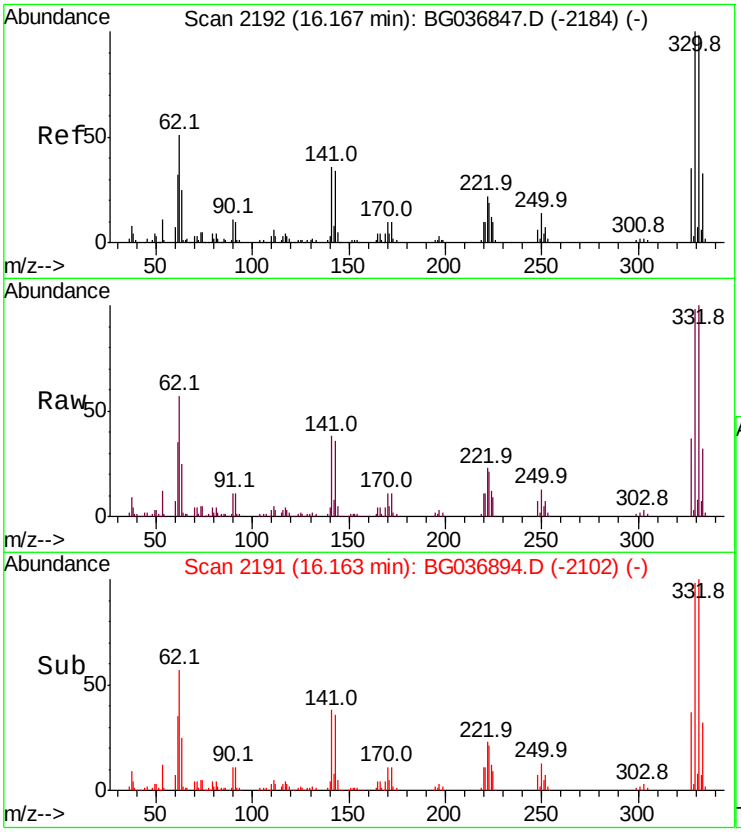


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BG036894.D
Acq: 22 Sep 2018 14:53

Tgt Ion:164 Resp: 113507

Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.7	121.1
160	46.0	35.3	52.9



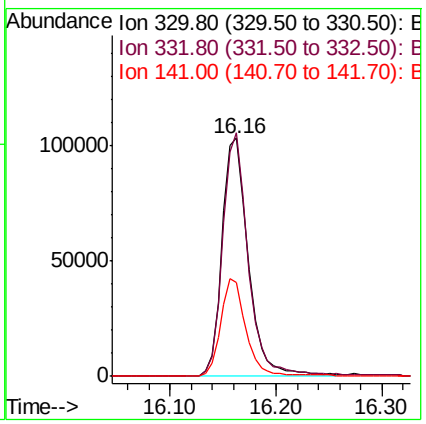


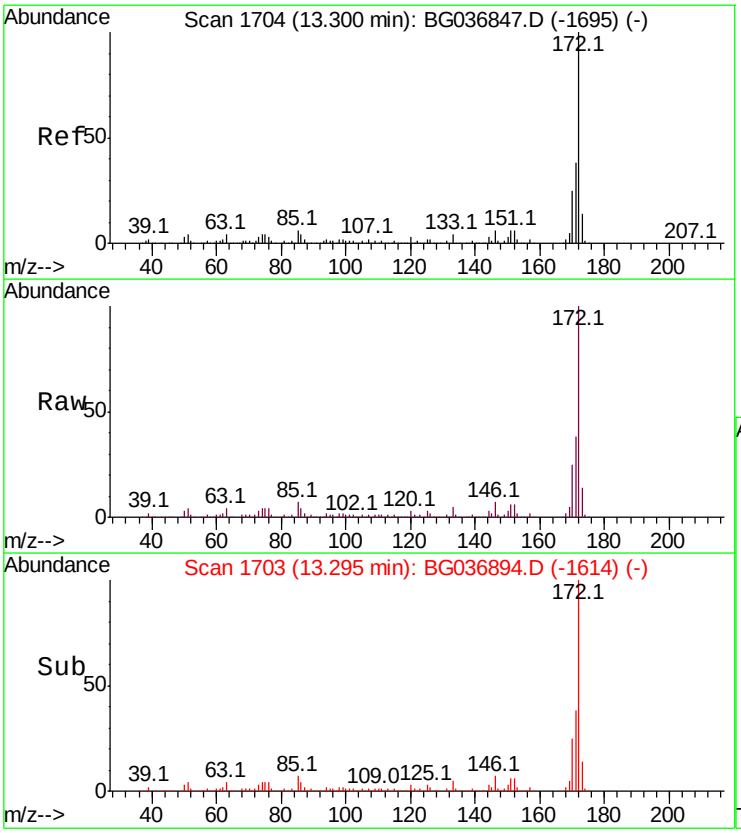
#41
2,4,6-Tribromophenol
Concen: 131.536 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BG036894.D
Acq: 22 Sep 2018 14:53

Instrument :
BNA_G
ClientSampleId :
SA-01-091918

Tgt Ion:330 Resp: 178632

Ion	Ratio	Lower	Upper
330	100		
332	100.3	75.4	113.2
141	39.7	30.7	46.1

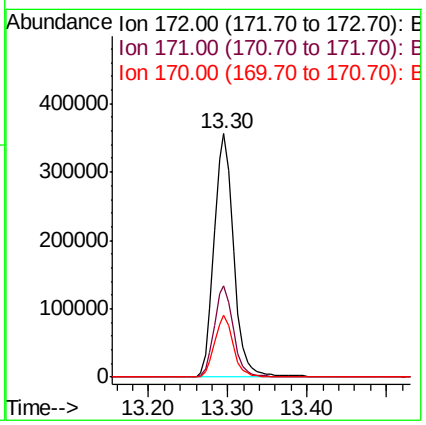


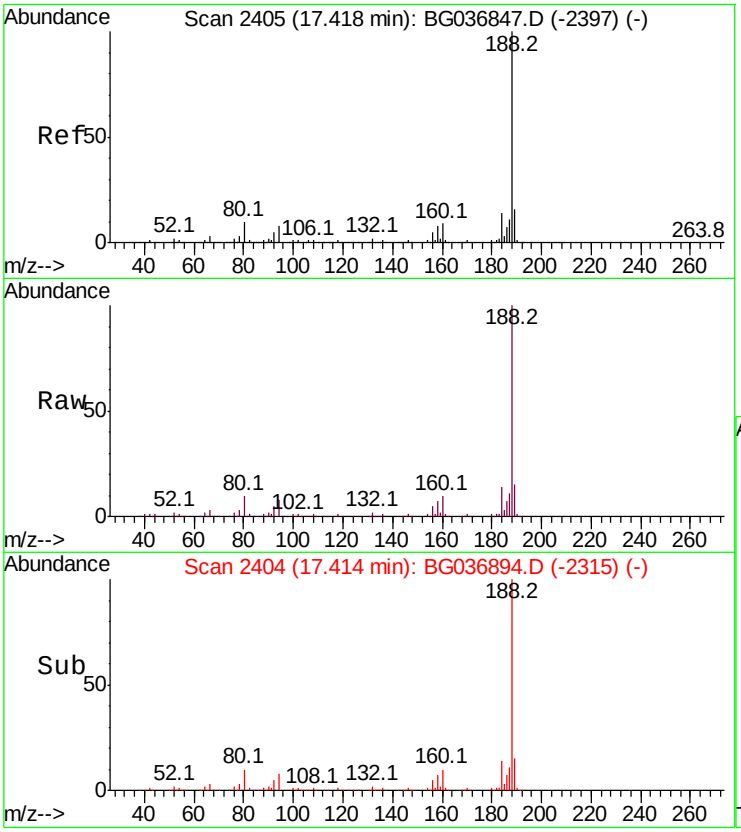


#44
2-Fluorobiphenyl
Concen: 80.391 ng
RT: 13.30 min Scan# 1703
Delta R.T. -0.00 min
Lab File: BG036894.D
Acq: 22 Sep 2018 14:53

Tgt Ion:172 Resp: 612665

Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.3	46.9
170	25.2	21.0	31.6



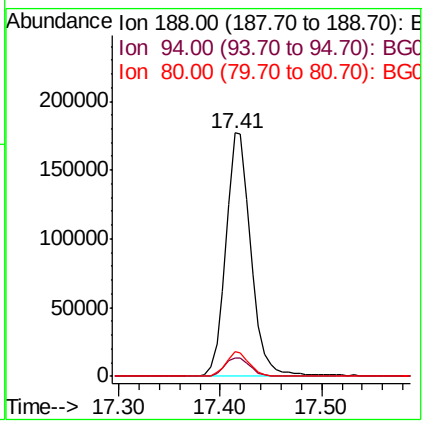


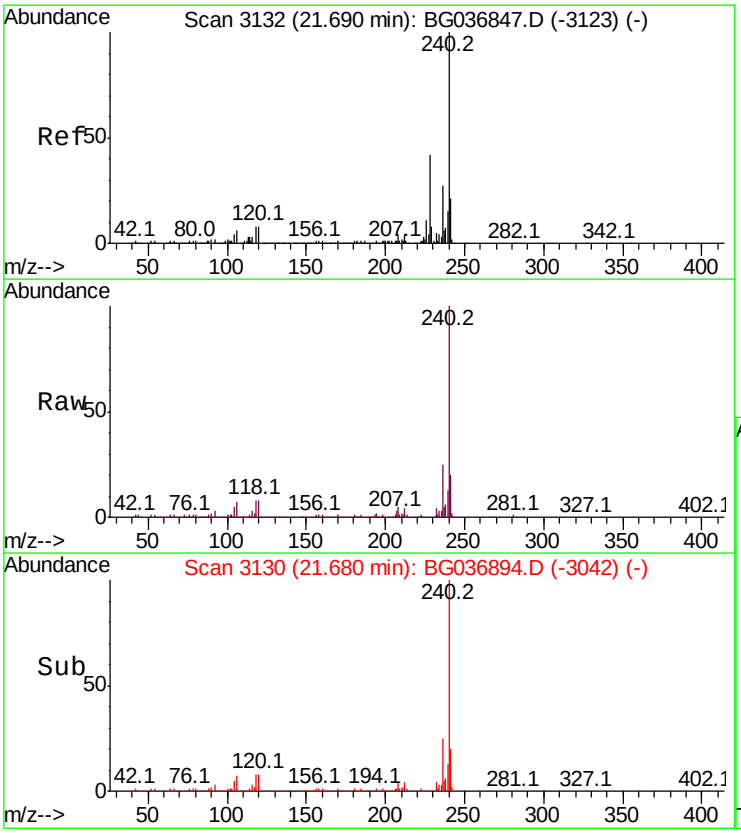
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BG036894.D
Acq: 22 Sep 2018 14:53

Instrument :
BNA_G
ClientSampleId :
SA-01-091918

Tgt Ion:188 Resp: 302539

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.7	10.1
80	10.0	8.1	12.1

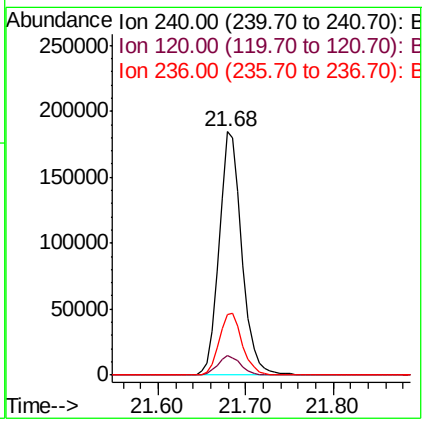


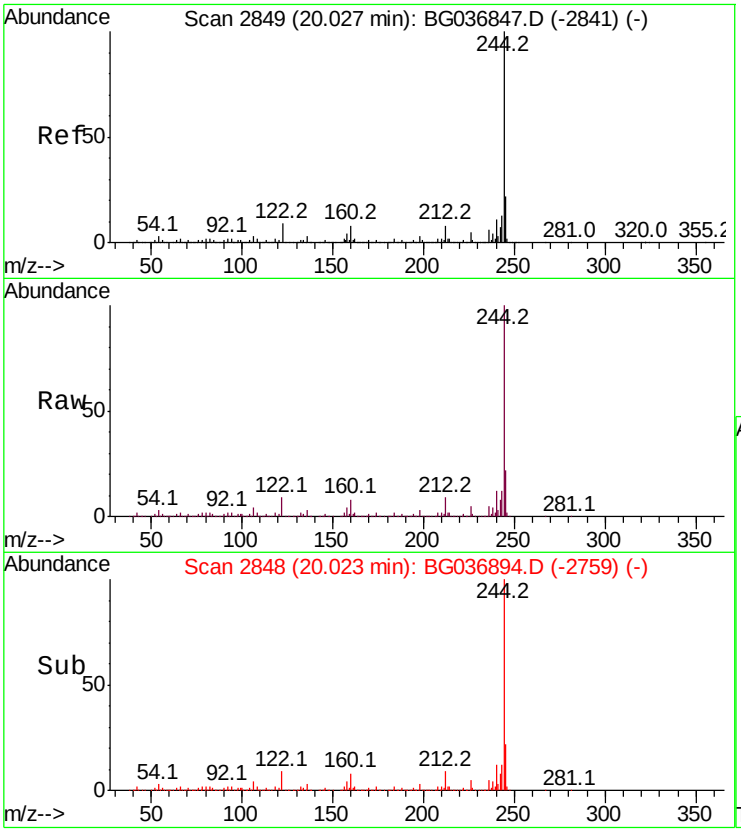


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036894.D
Acq: 22 Sep 2018 14:53

Tgt Ion:240 Resp: 329531

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.9	10.3
236	24.9	21.2	31.8



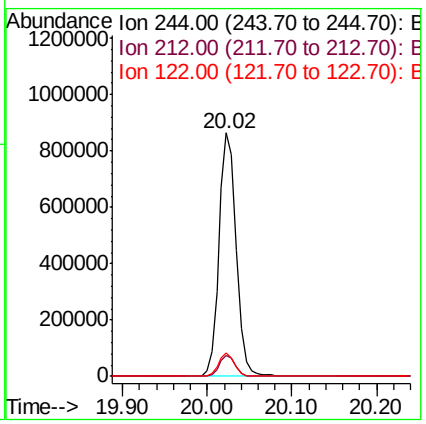


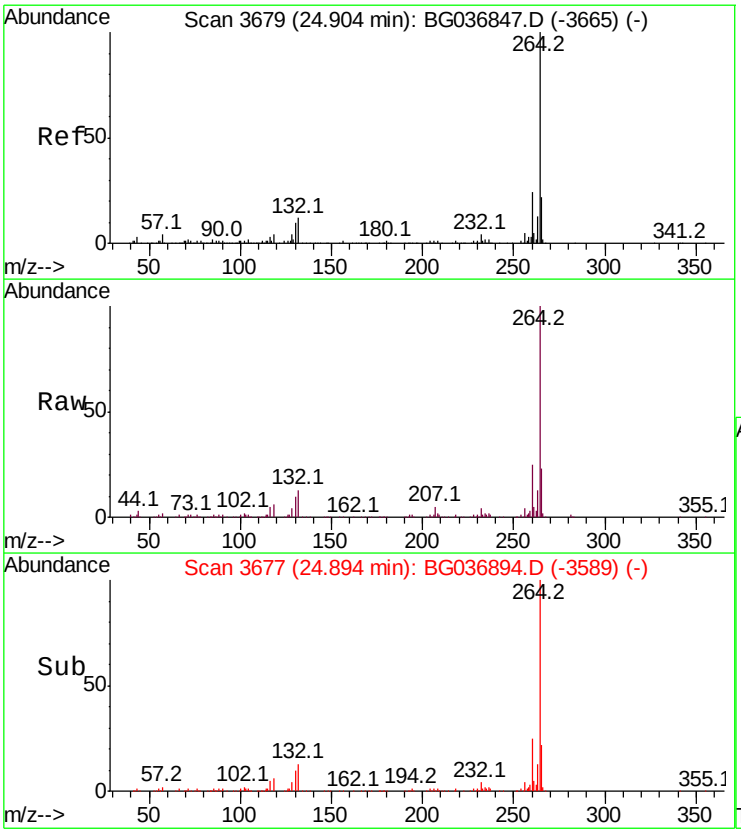
#78
Terphenyl-d14
Concen: 97.337 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.00 min
Lab File: BG036894.D
Acq: 22 Sep 2018 14:53

Instrument :
BNA_G
ClientSampleId :
SA-01-091918

Tgt Ion:244 Resp: 1219838

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	9.4	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG036894.D
Acq: 22 Sep 2018 14:53

Tgt Ion:264 Resp: 330690

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	22.7	17.4	26.0