Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092218\
Data File : BG036906.D
Acq On : 23 Sep 2018 00:02
Operator : JU/SJ
Sample : J5019-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 091918-JETT-E-D-S

Quant Time: Sep 24 05:08:10 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	33757	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	145524	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	106562	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	292398	20.00	ng	0.00
75) Chrysene-d12	21.68	240	304688	20.00	ng	0.00
86) Perylene-d12	24.89	264	302204	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	79598	45.22	ng	0.00
7) Phenol-d6	7.20	99	68179	25.04	ng	0.00
23) Nitrobenzene-d5	9.21	82	269759	99.27	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	139590	109.49	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	686856	96.00	ng	0.00
78) Terphenyl-d14	20.02	244	1308363	112.91	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.12	163	61808	7.206	ng	99

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

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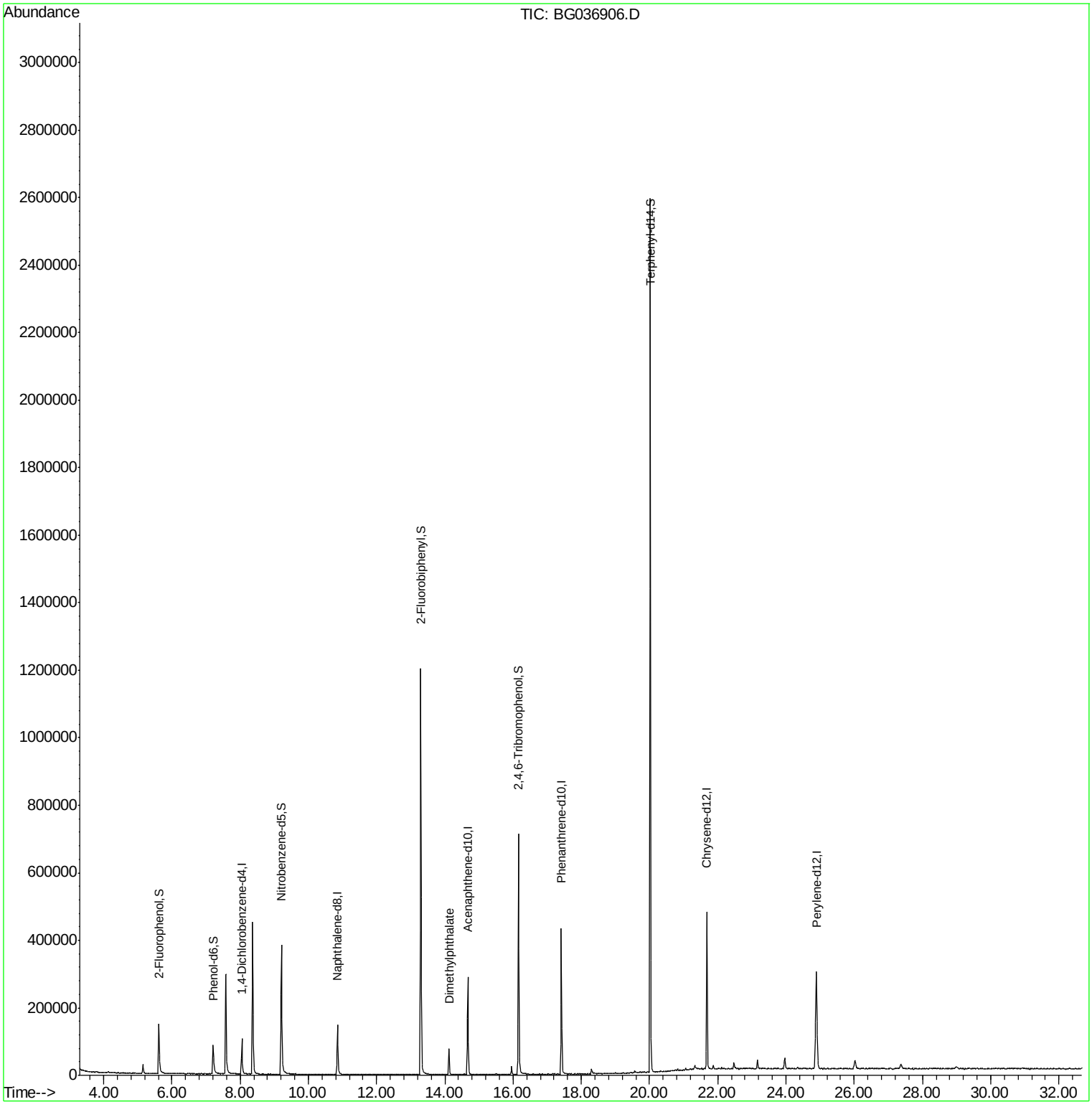
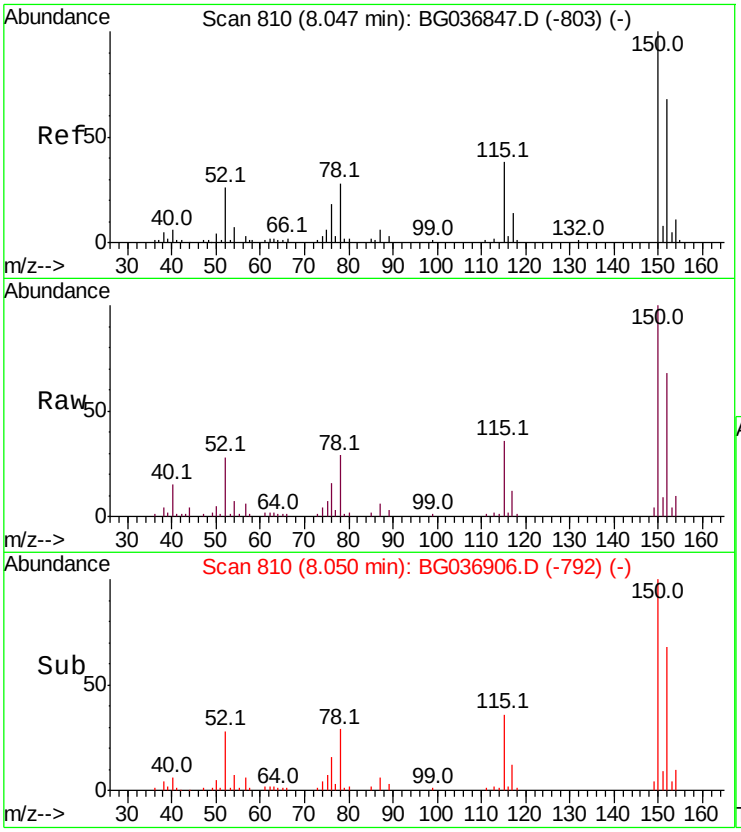
Response via : Initial Calibration



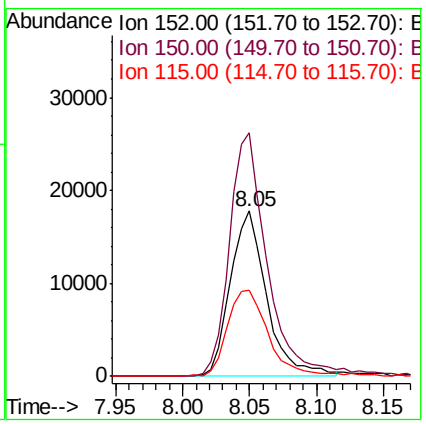


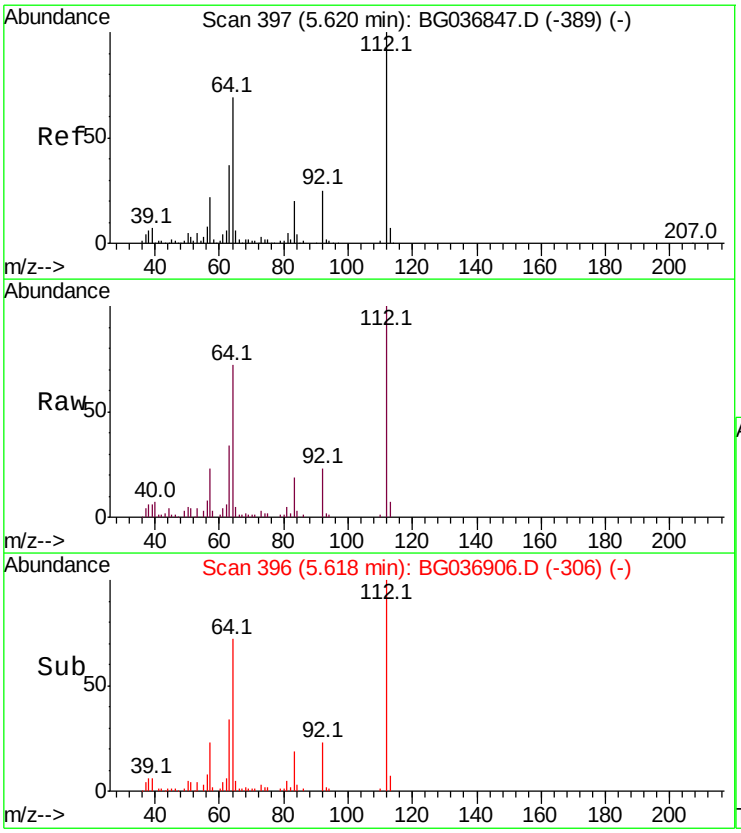
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036906.D
Acq: 23 Sep 2018 00:02

Instrument :
BNA_G
ClientSampleId :
091918-JETT-E-D-S

Tgt Ion:152 Resp: 33757

Ion	Ratio	Lower	Upper
152	100		
150	147.4	119.5	179.3
115	52.5	44.5	66.7

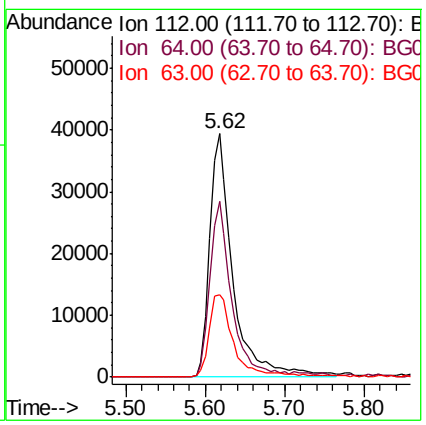


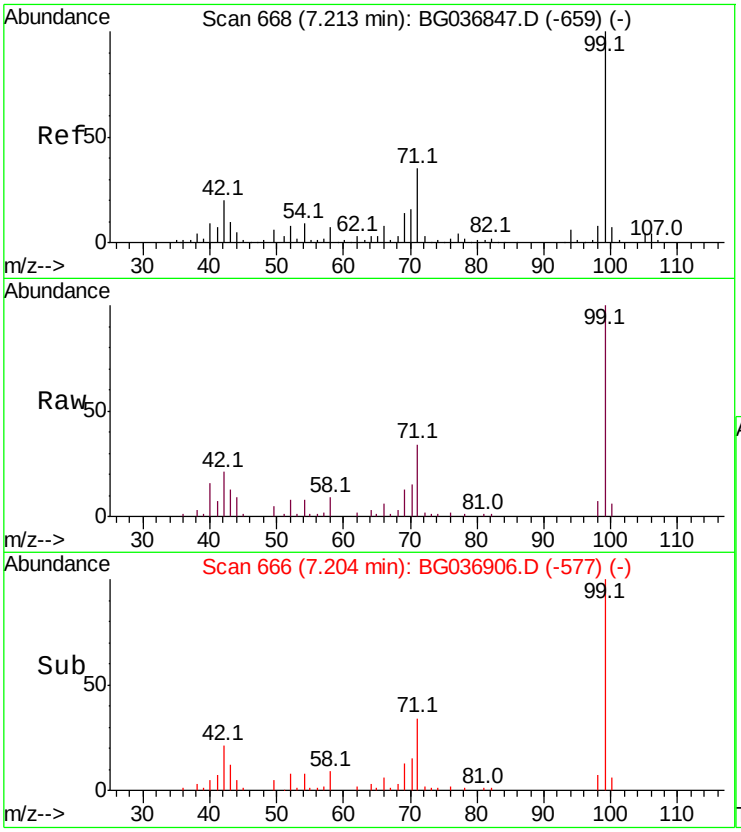


#5
2-Fluorophenol
Concen: 45.221 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG036906.D
Acq: 23 Sep 2018 00:02

Tgt Ion:112 Resp: 79598

Ion	Ratio	Lower	Upper
112	100		
64	72.4	57.2	85.8
63	34.1	30.8	46.2



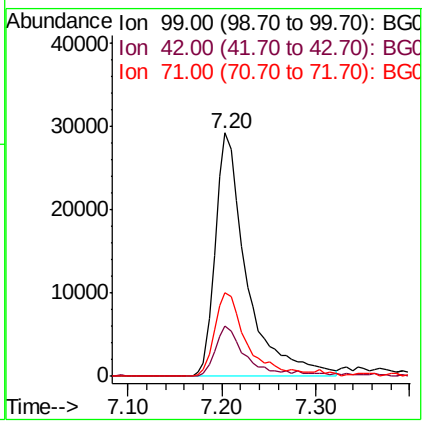


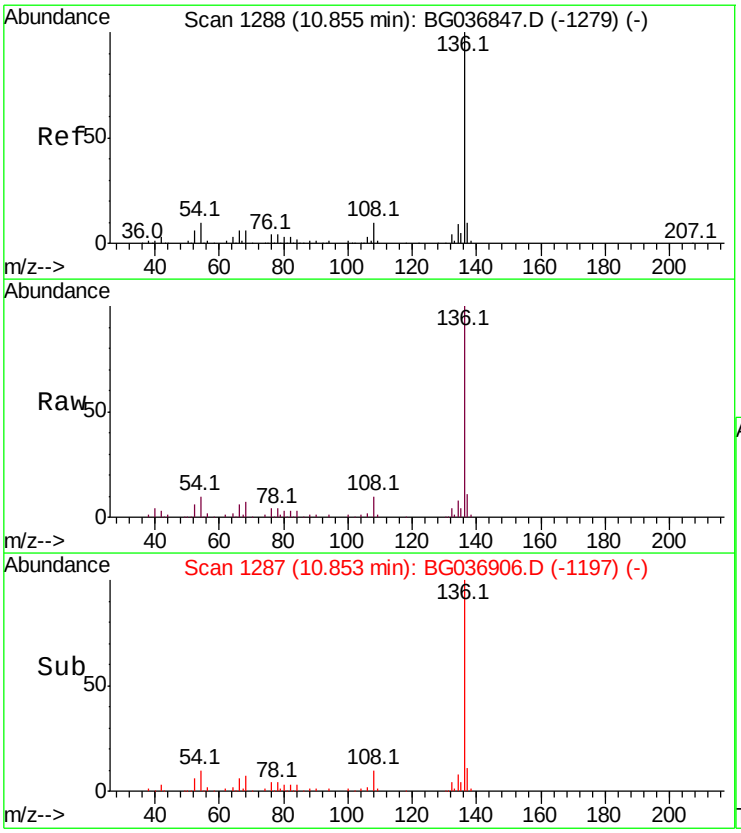
#7
Phenol-d6
Concen: 25.035 ng
RT: 7.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BG036906.D
Acq: 23 Sep 2018 00:02

Instrument :
BNA_G
ClientSampleId :
091918-JETT-E-D-S

Tgt Ion: 99 Resp: 68179

Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.5	24.7
71	34.4	29.4	44.2

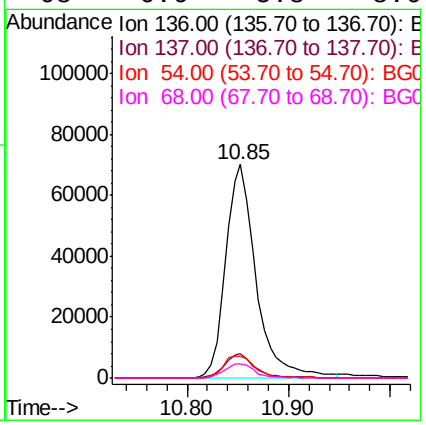


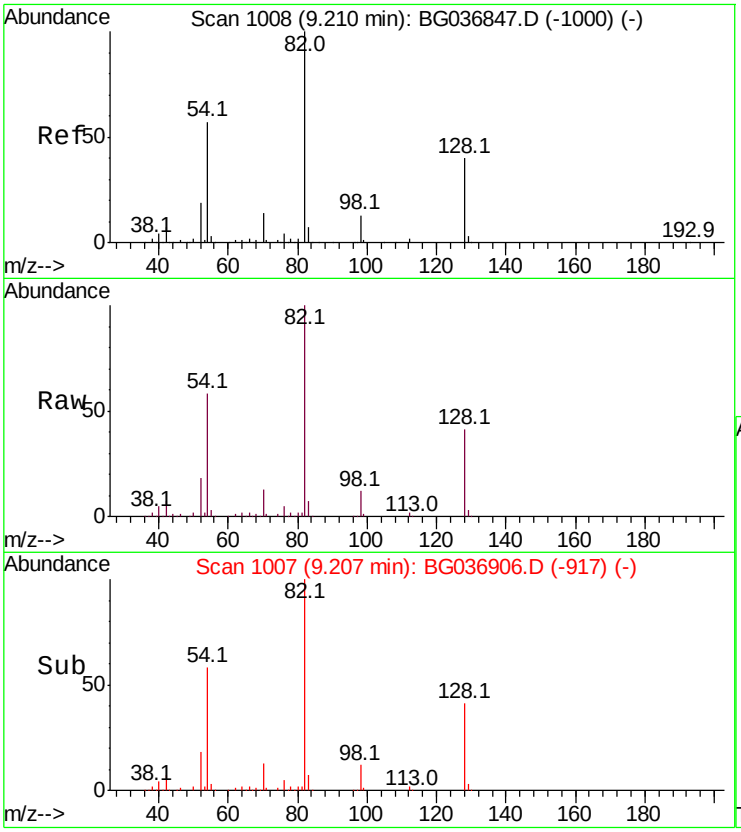


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG036906.D
Acq: 23 Sep 2018 00:02

Tgt Ion:136 Resp: 145524

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.3	9.2	13.8
68	6.6	5.8	8.6



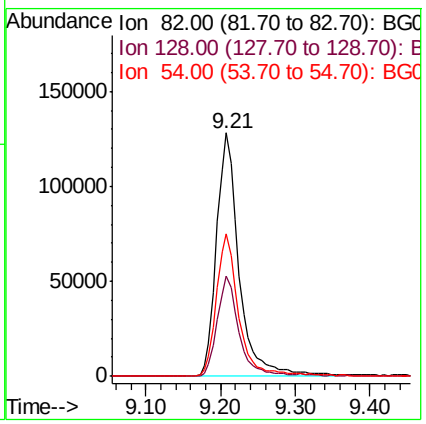


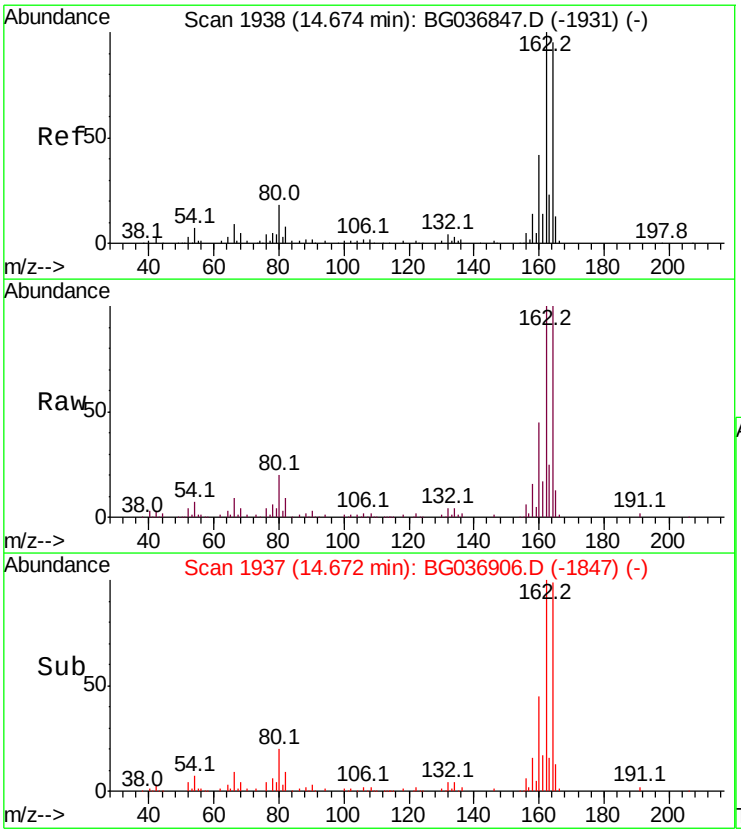
#23
Nitrobenzene-d5
Concen: 99.268 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG036906.D
Acq: 23 Sep 2018 00:02

Instrument :
BNA_G
ClientSampleId :
091918-JETT-E-D-S

Tgt Ion: 82 Resp: 269759

Ion	Ratio	Lower	Upper
82	100		
128	41.4	33.3	49.9
54	58.4	45.1	67.7

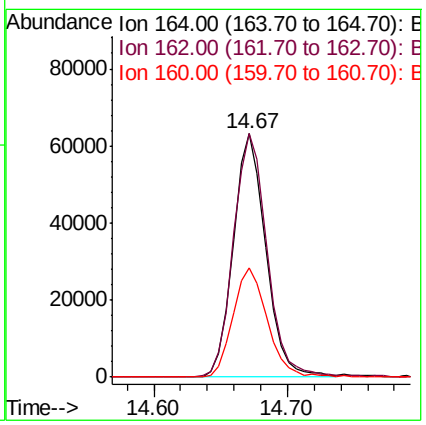


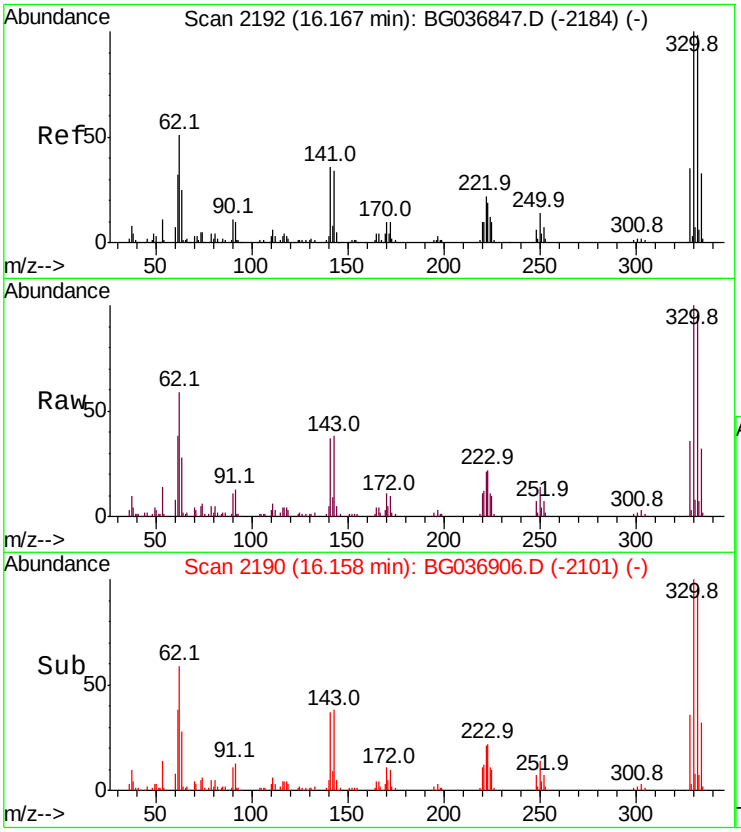


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BG036906.D
Acq: 23 Sep 2018 00:02

Tgt Ion:164 Resp: 106562

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.7	121.1
160	44.7	35.3	52.9



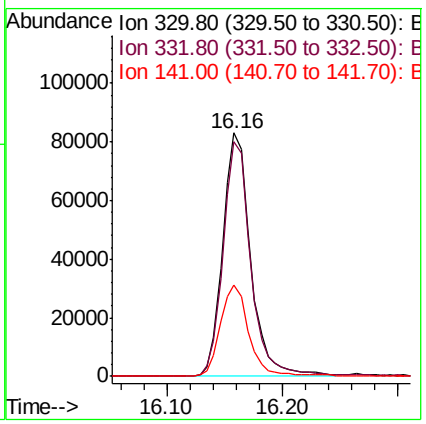


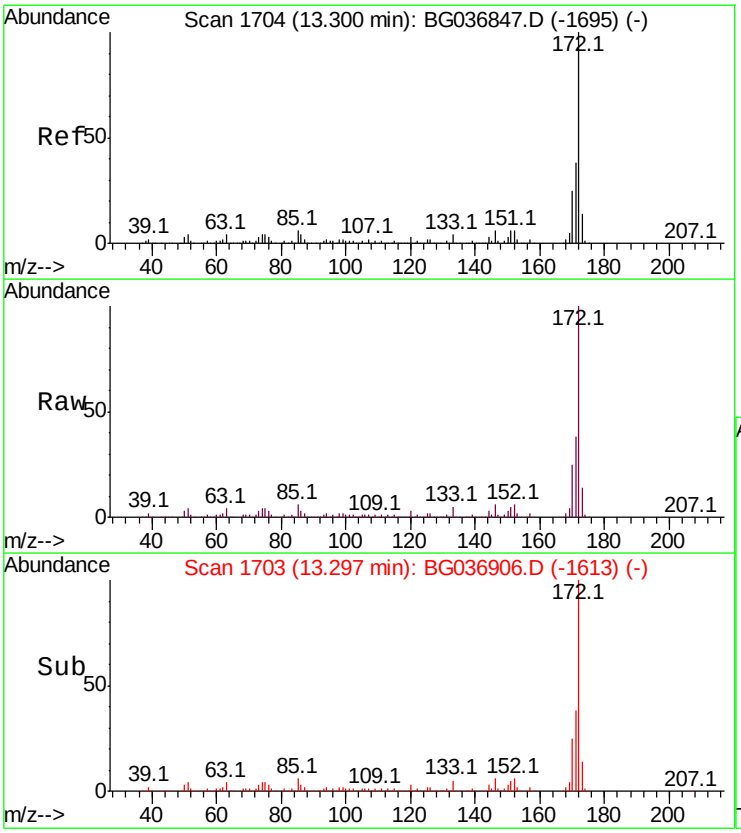
#41
2,4,6-Tribromophenol
Concen: 109.487 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG036906.D
Acq: 23 Sep 2018 00:02

Instrument :
BNA_G
ClientSampleId :
091918-JETT-E-D-S

Tgt Ion:330 Resp: 139590

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.4	113.2
141	38.2	30.7	46.1

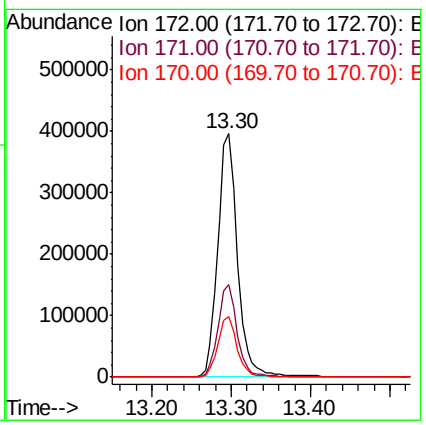


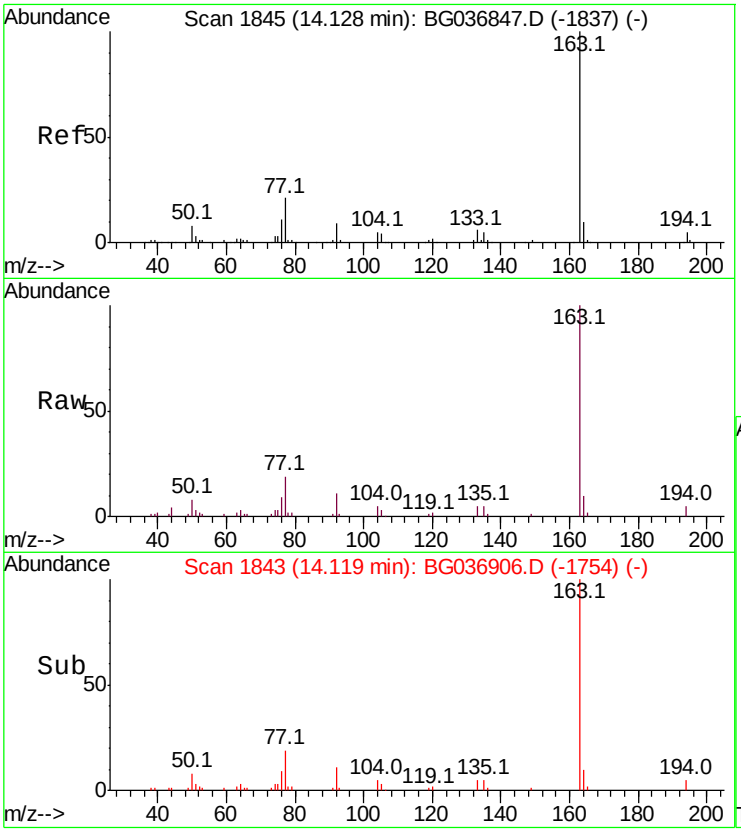


#44
2-Fluorobiphenyl
Concen: 96.000 ng
RT: 13.30 min Scan# 1703
Delta R.T. -0.00 min
Lab File: BG036906.D
Acq: 23 Sep 2018 00:02

Tgt Ion:172 Resp: 686856

Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.3	46.9
170	24.6	21.0	31.6



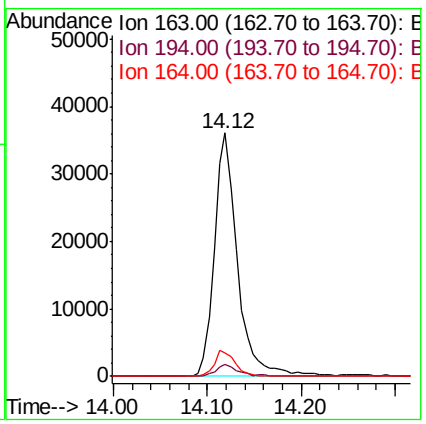


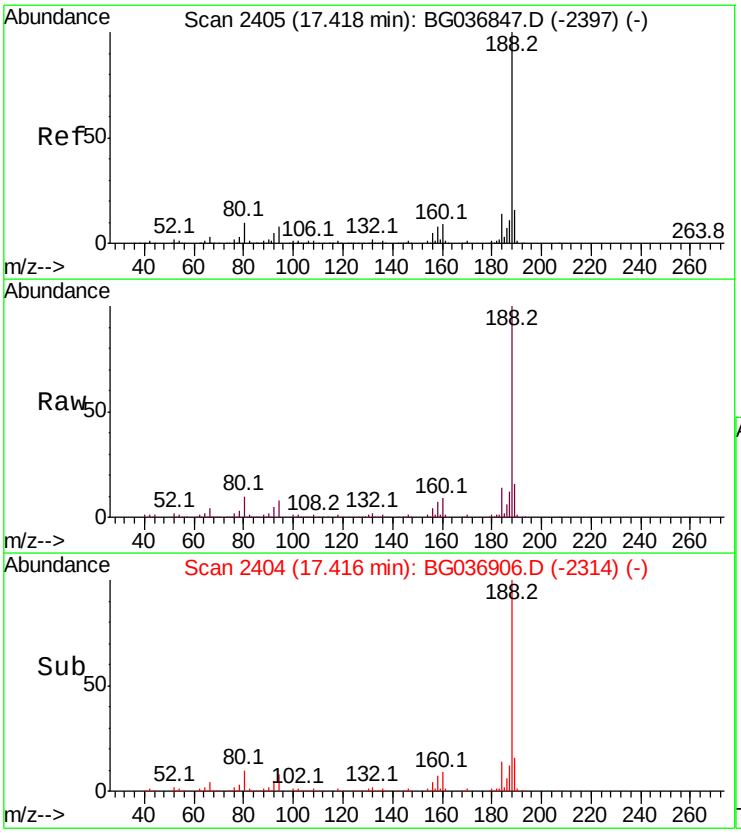
#49
Dimethylphthalate
Concen: 7.206 ng
RT: 14.12 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BG036906.D
Acq: 23 Sep 2018 00:02

Instrument :
BNA_G
ClientSampleId :
091918-JETT-E-D-S

Tgt Ion:163 Resp: 61808

Ion	Ratio	Lower	Upper
163	100		
194	5.0	4.0	6.0
164	9.6	8.1	12.1

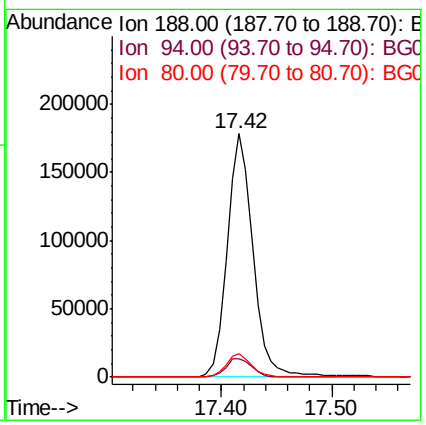


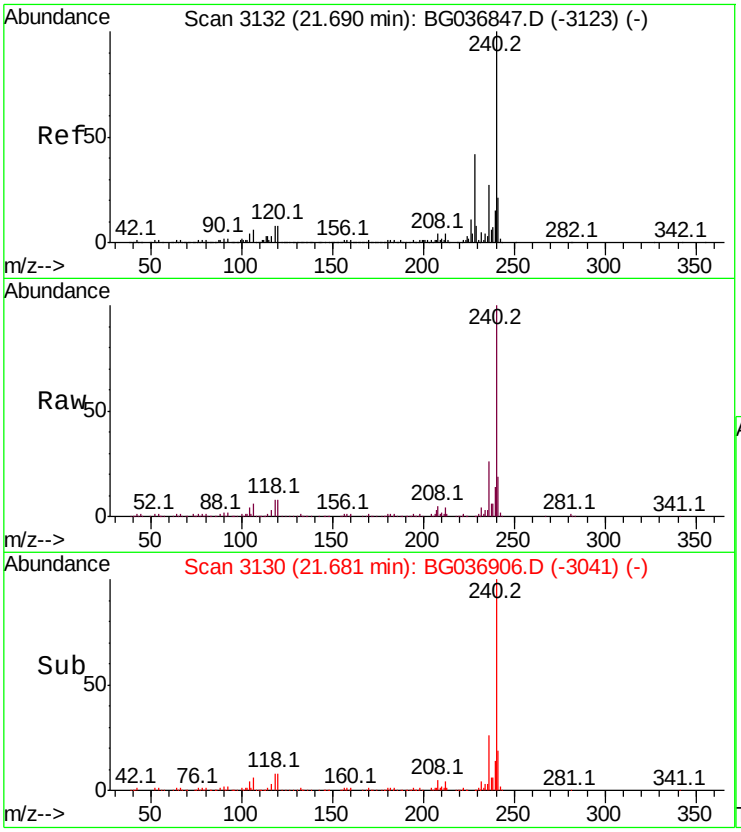


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BG036906.D
Acq: 23 Sep 2018 00:02

Tgt Ion:188 Resp: 292398

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.7	10.1
80	9.6	8.1	12.1



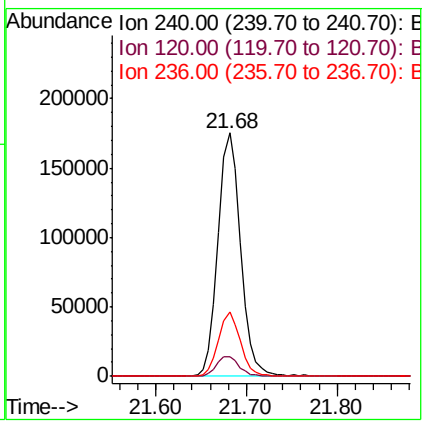


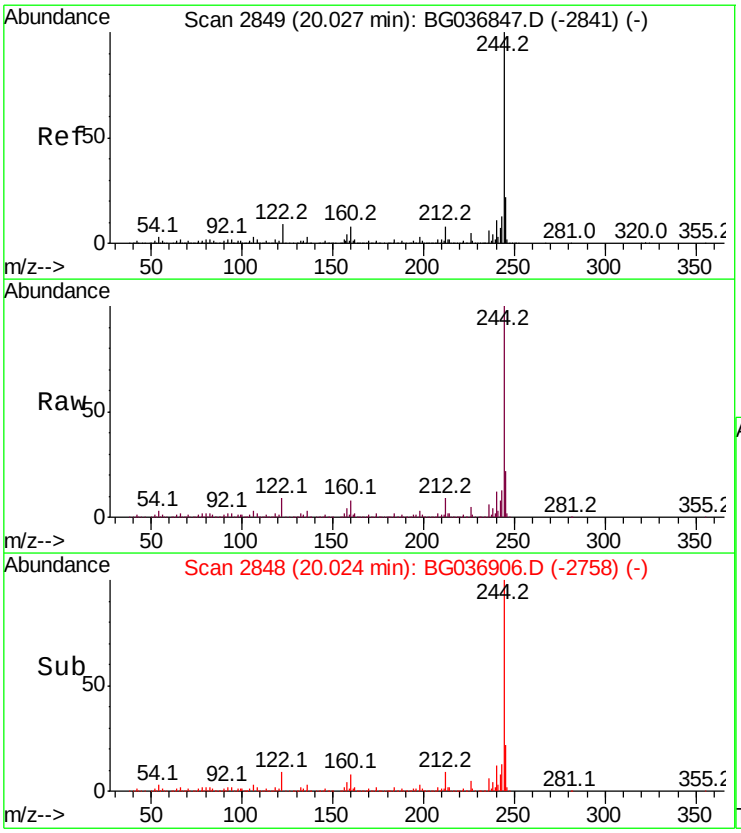
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036906.D
Acq: 23 Sep 2018 00:02

Instrument :
BNA_G
ClientSampleId :
091918-JETT-E-D-S

Tgt Ion:240 Resp: 304688

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.9	10.3
236	26.4	21.2	31.8

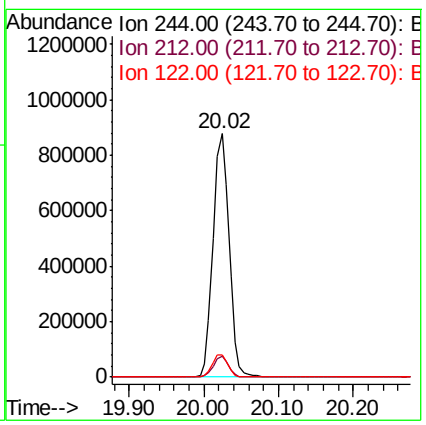


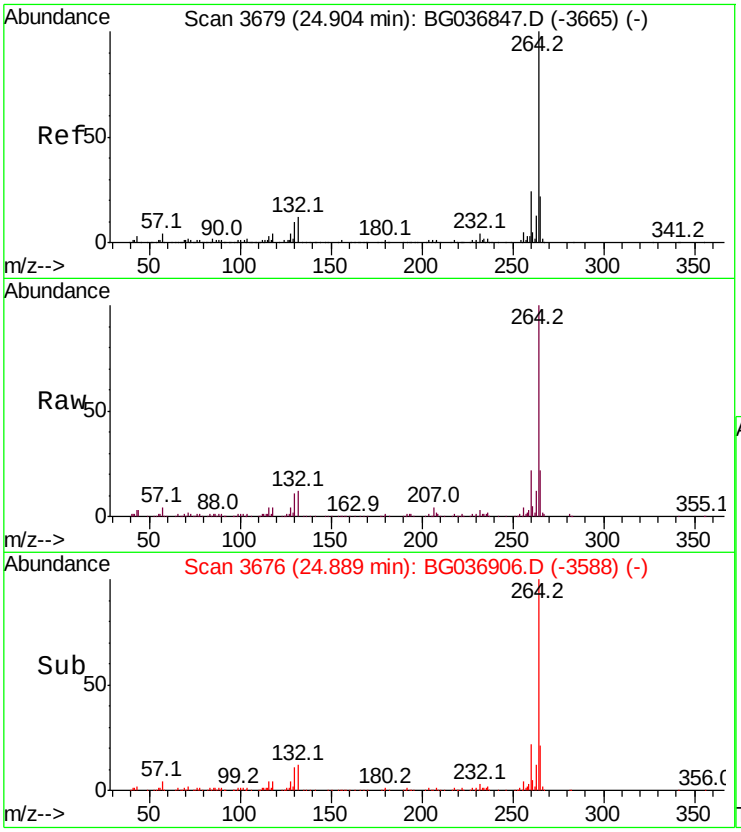


#78
Terphenyl-d14
Concen: 112.913 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.00 min
Lab File: BG036906.D
Acq: 23 Sep 2018 00:02

Tgt Ion:244 Resp: 1308363

Ion	Ratio	Lower	Upper
244	100		
212	8.7	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. -0.01 min
Lab File: BG036906.D
Acq: 23 Sep 2018 00:02

Instrument :
BNA_G
ClientSampleId :
091918-JETT-E-D-S

Tgt Ion:264 Resp: 302204

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.6	29.4
265	21.5	17.4	26.0