Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091918\
Data File : BG036829.D
Acq On : 19 Sep 2018 21:16
Operator : JU/SJ
Sample : J4973-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB-0918-S-TCLP-GRID56-1

Quant Time: Sep 20 07:26:45 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	60570	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	254471	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	168081	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	404675	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	410145	20.00	ng	-0.02
86) Perylene-d12	24.89	264	380887	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	390251	102.20	ng	0.00
7) Phenol-d6	7.21	99	509006	93.11	ng	-0.01
23) Nitrobenzene-d5	9.21	82	388060	82.74	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	184700	92.09	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	866570	73.61	ng	-0.02
78) Terphenyl-d14	20.02	244	1374739	78.34	ng	-0.01
Target Compounds						Qvalue

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

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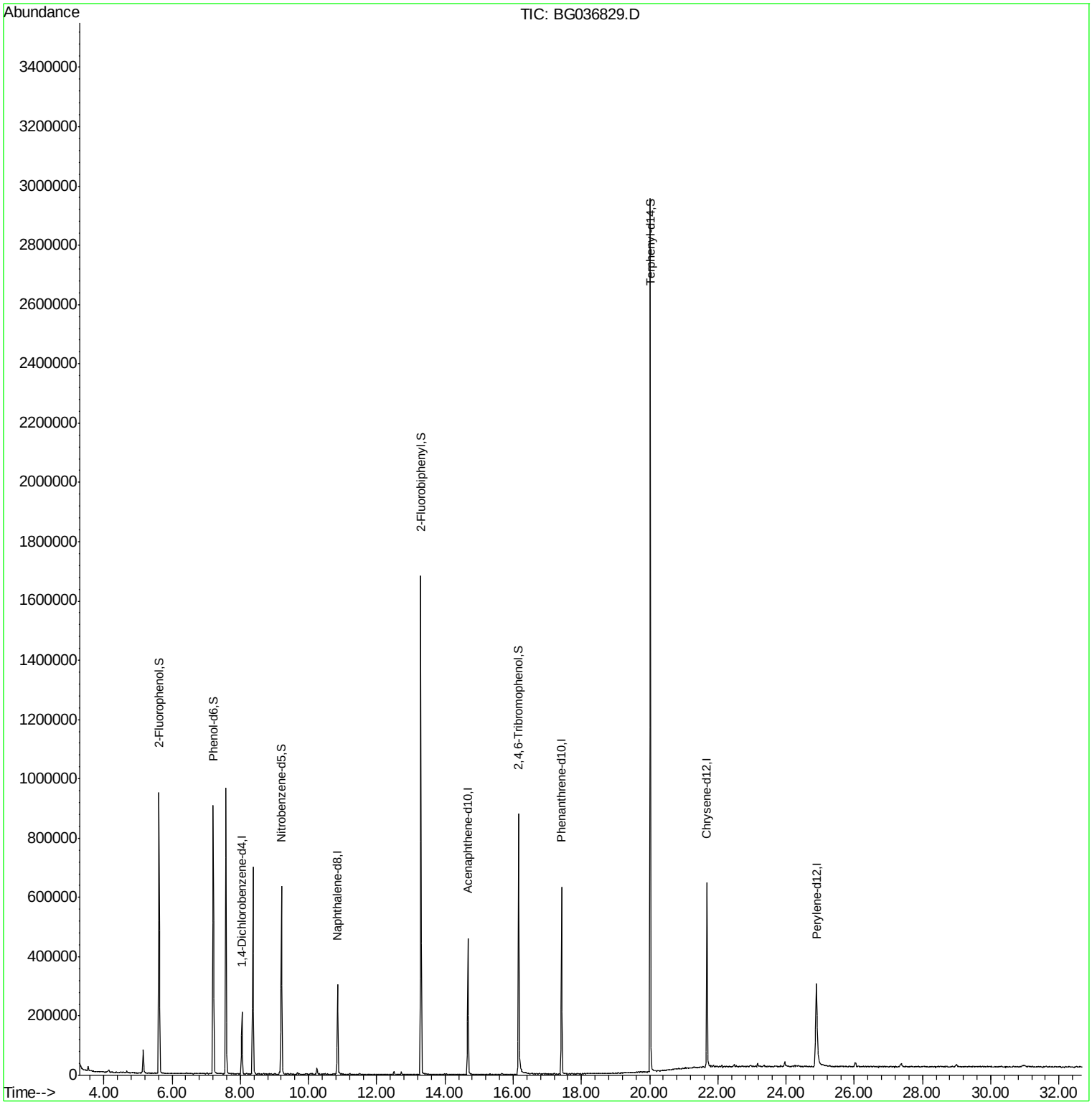
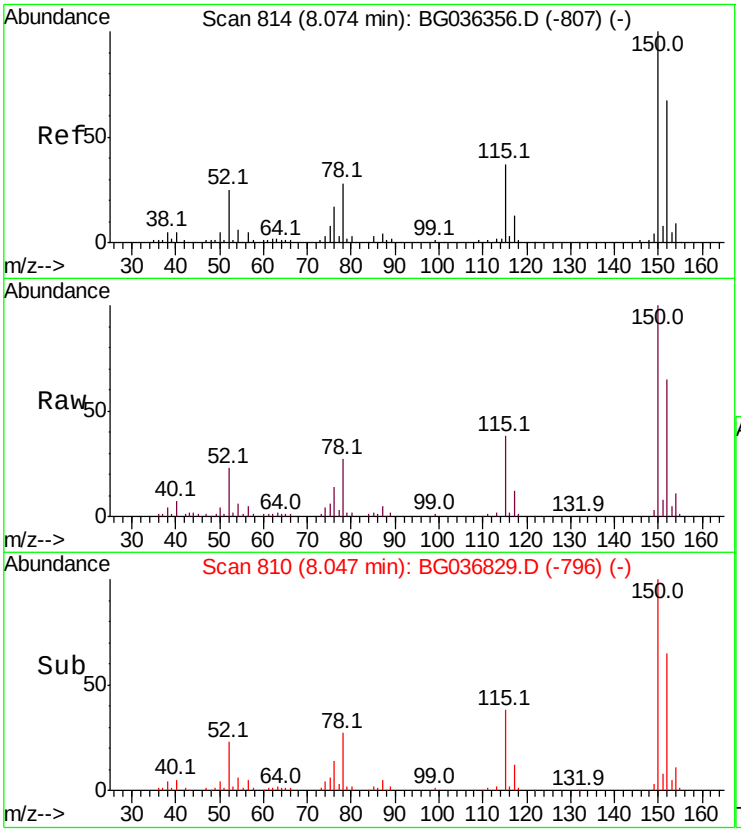


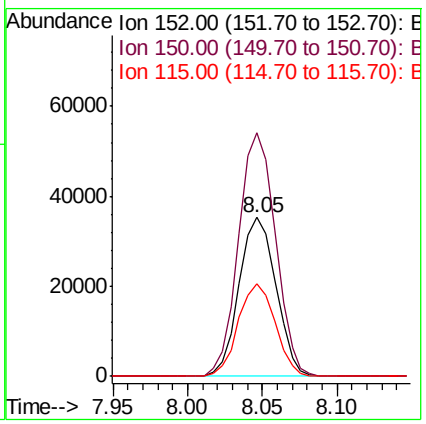


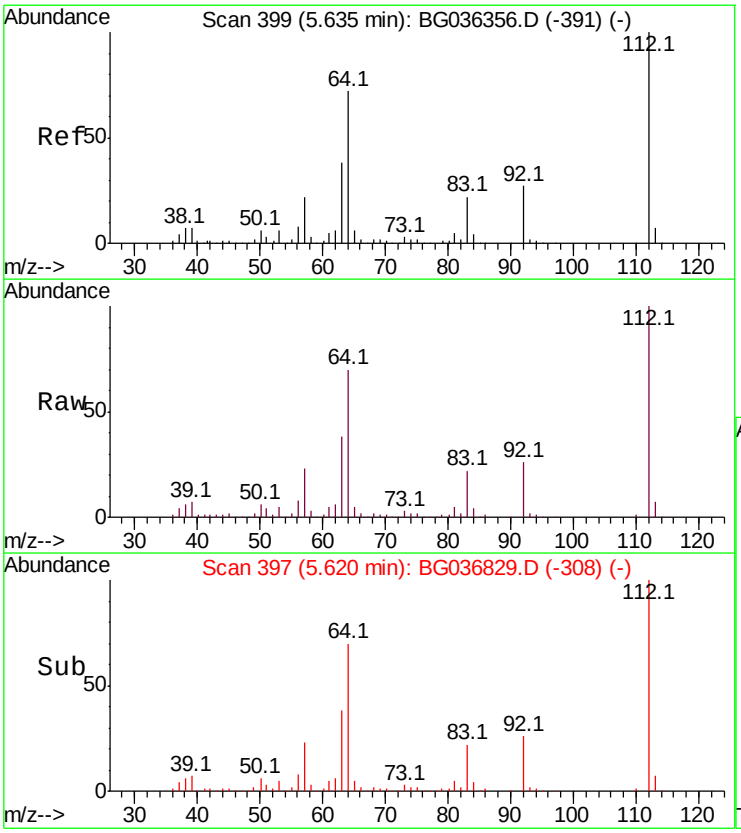
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.02 min
Lab File: BG036829.D
Acq: 19 Sep 2018 21:16

Instrument :
BNA_G
ClientSampleId :
CB-0918-S-TCLP-GRID56-1

Tgt Ion:152 Resp: 60570

Ion	Ratio	Lower	Upper
152	100		
150	153.1	119.5	179.3
115	58.2	44.5	66.7

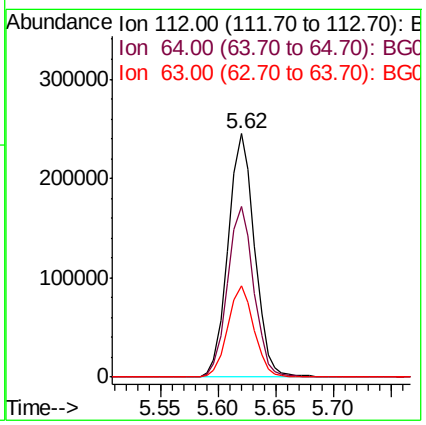


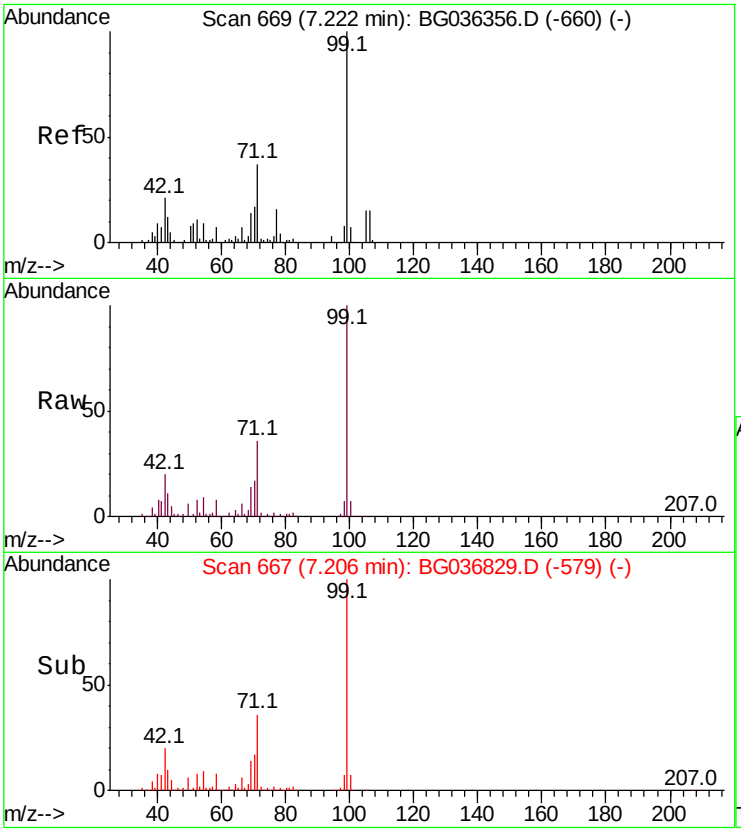


#5
2-Fluorophenol
Concen: 102.205 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG036829.D
Acq: 19 Sep 2018 21:16

Tgt Ion:112 Resp: 390251

Ion	Ratio	Lower	Upper
112	100		
64	70.2	57.2	85.8
63	37.7	30.8	46.2



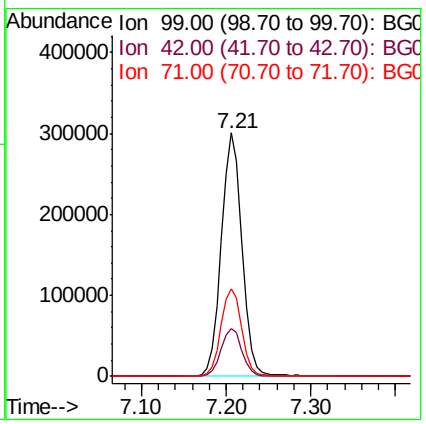


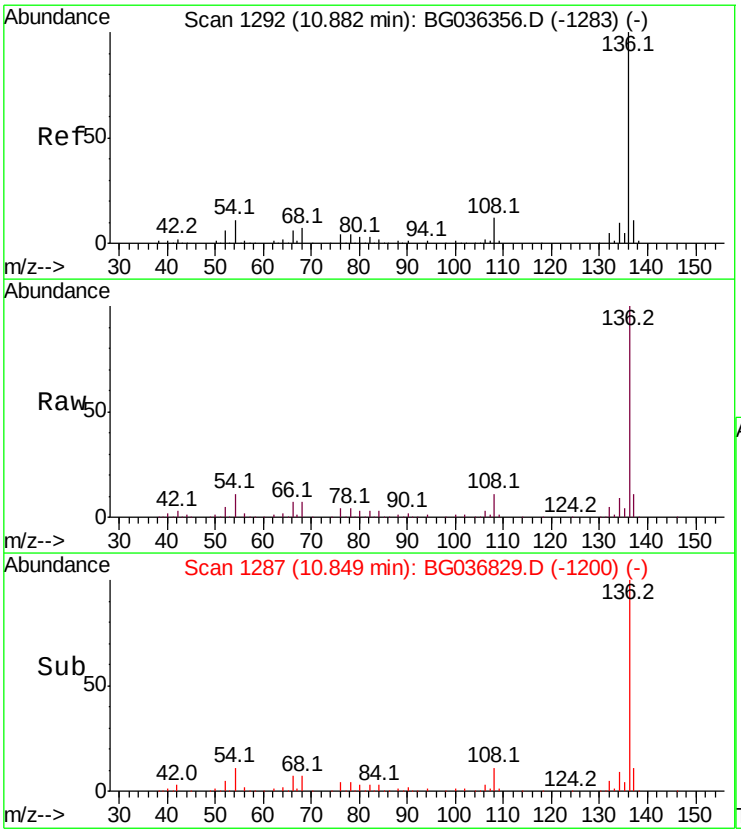
#7
Phenol-d6
Concen: 93.107 ng
RT: 7.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BG036829.D
Acq: 19 Sep 2018 21:16

Instrument :
BNA_G
ClientSampleId :
CB-0918-S-TCLP-GRID56-1

Tgt Ion: 99 Resp: 509006

Ion	Ratio	Lower	Upper
99	100		
42	19.6	16.5	24.7
71	36.1	29.4	44.2

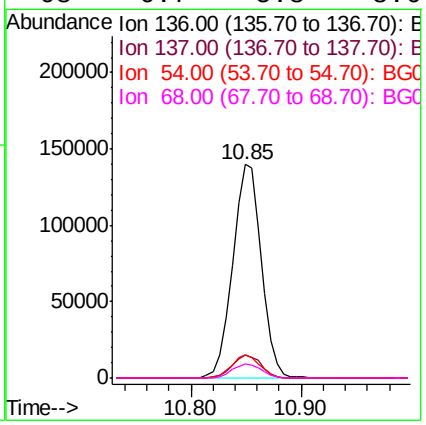


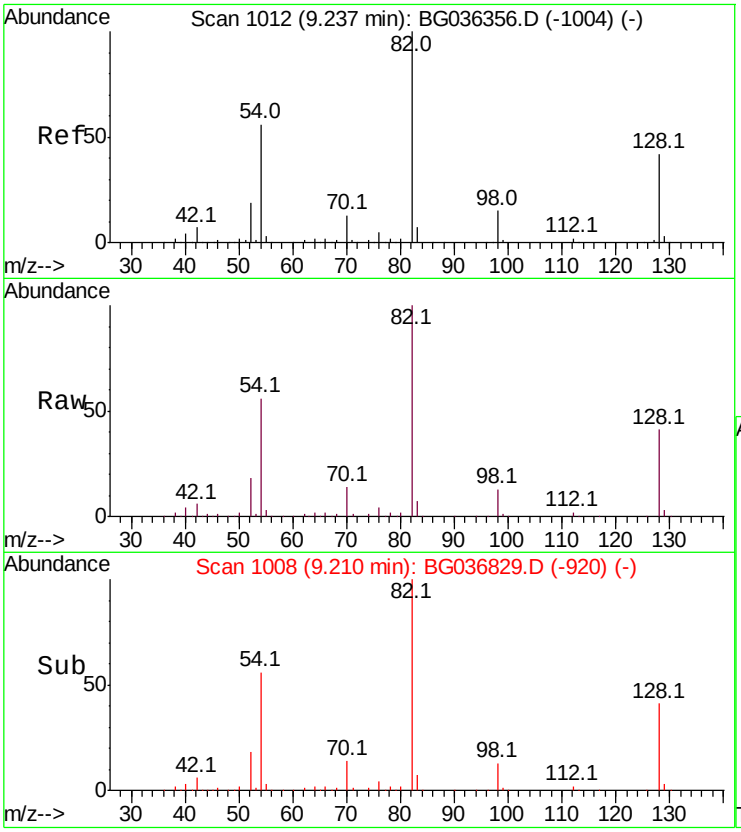


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BG036829.D
Acq: 19 Sep 2018 21:16

Tgt Ion:136 Resp: 254471

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.7	9.2	13.8
68	6.7	5.8	8.6



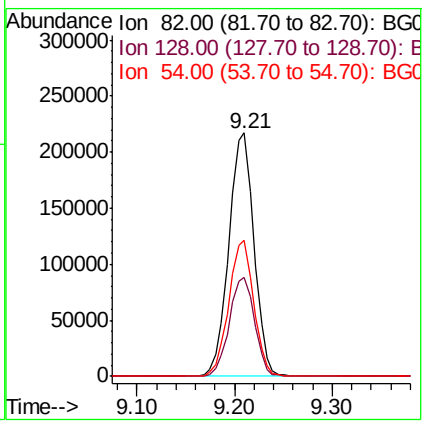


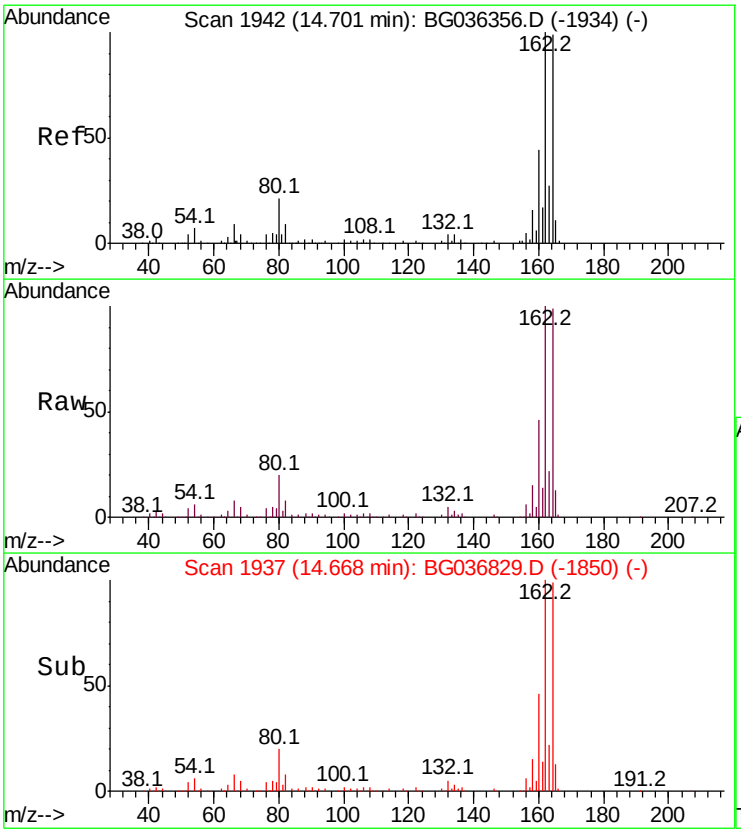
#23
Nitrobenzene-d5
Concen: 82.740 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036829.D
Acq: 19 Sep 2018 21:16

Instrument :
BNA_G
ClientSampleId :
CB-0918-S-TCLP-GRID56-1

Tgt Ion: 82 Resp: 388060

Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.3	49.9
54	55.8	45.1	67.7

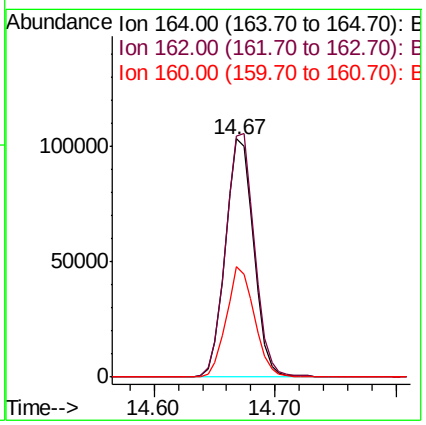


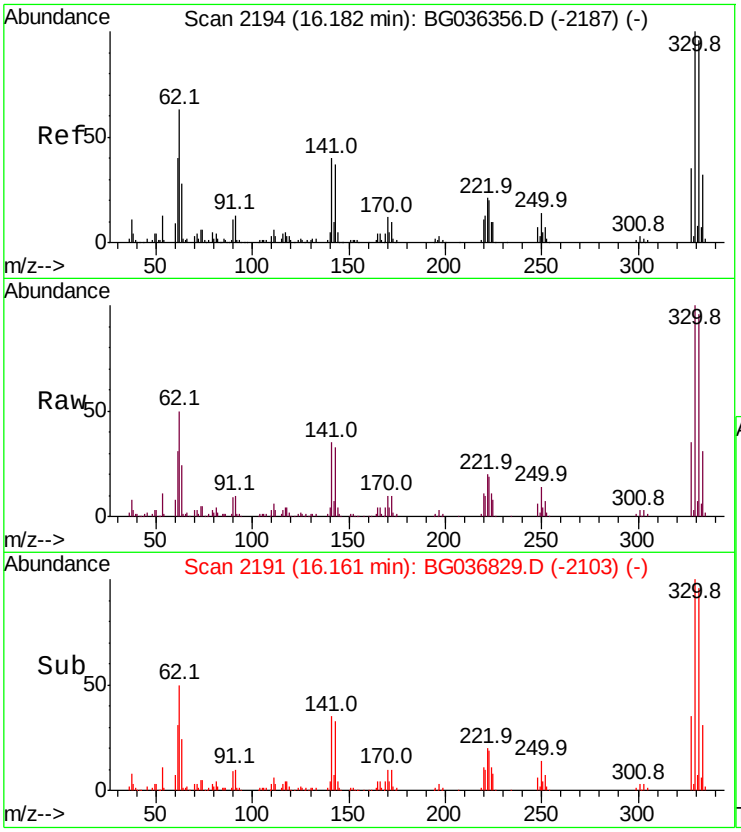


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.02 min
Lab File: BG036829.D
Acq: 19 Sep 2018 21:16

Tgt Ion:164 Resp: 168081

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.7	121.1
160	46.2	35.3	52.9



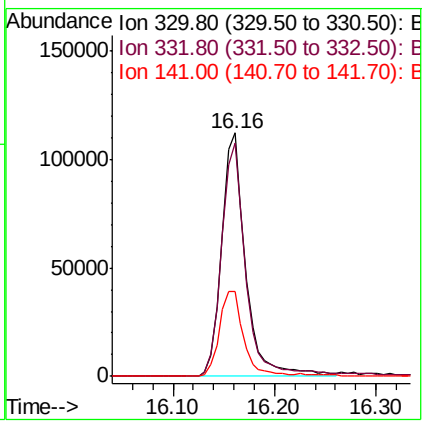


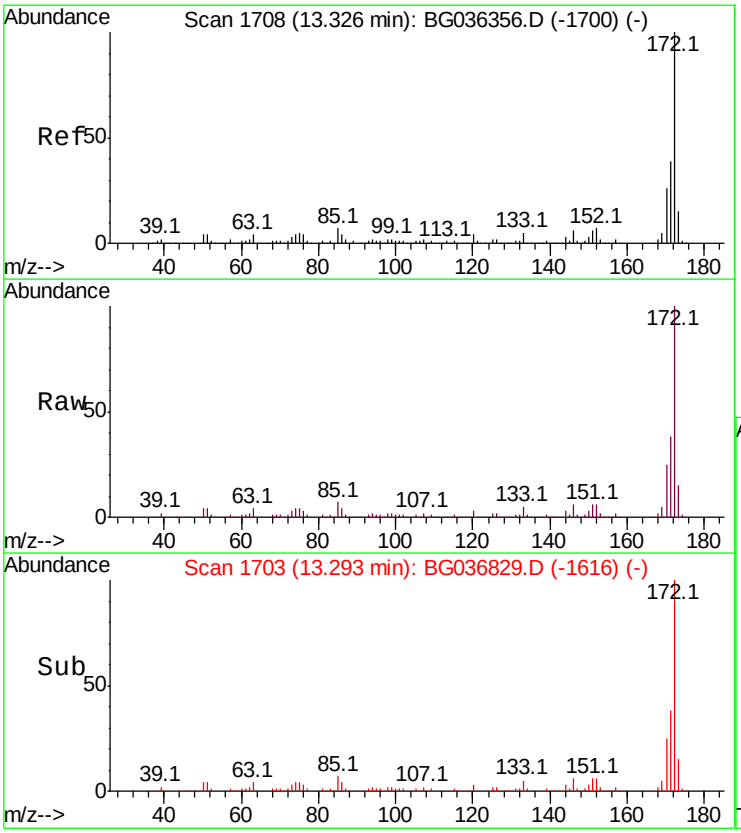
#41
2,4,6-Tribromophenol
Concen: 92.093 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG036829.D
Acq: 19 Sep 2018 21:16

Instrument :
BNA_G
ClientSampleId :
CB-0918-S-TCLP-GRID56-1

Tgt Ion:330 Resp: 184700

Ion	Ratio	Lower	Upper
330	100		
332	97.6	75.4	113.2
141	36.2	30.7	46.1

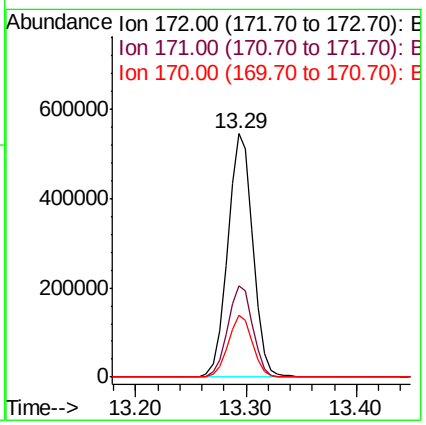


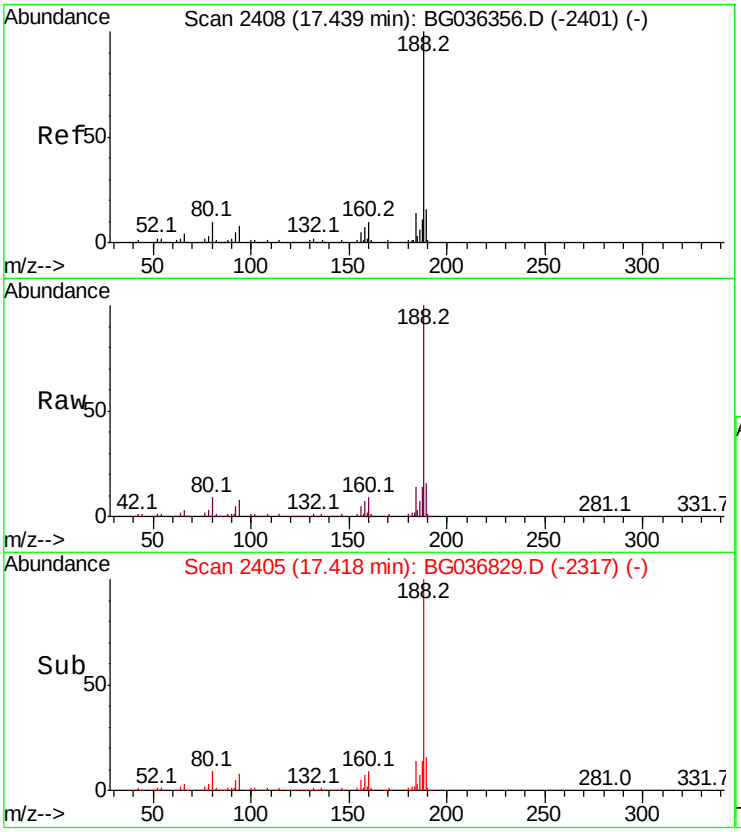


#44
2-Fluorobiphenyl
Concen: 73.614 ng
RT: 13.29 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BG036829.D
Acq: 19 Sep 2018 21:16

Tgt Ion:172 Resp: 866570

Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.3	46.9
170	25.5	21.0	31.6



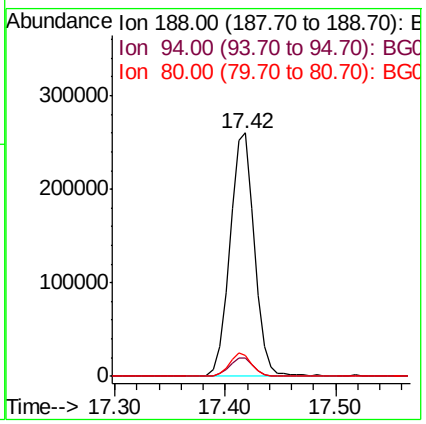


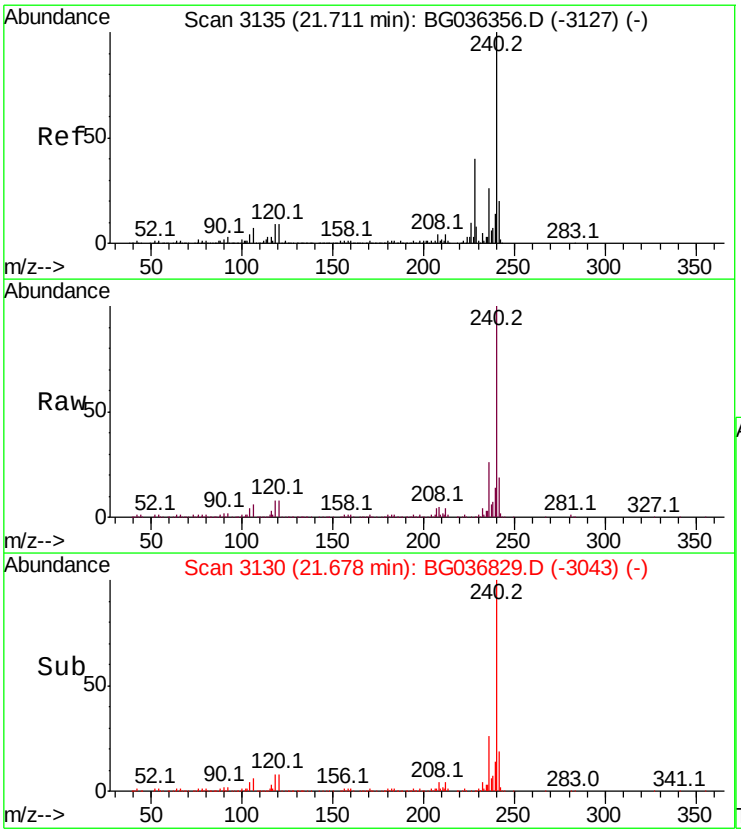
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036829.D
Acq: 19 Sep 2018 21:16

Instrument :
BNA_G
ClientSampleId :
CB-0918-S-TCLP-GRID56-1

Tgt Ion:188 Resp: 404675

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.7	10.1
80	8.7	8.1	12.1

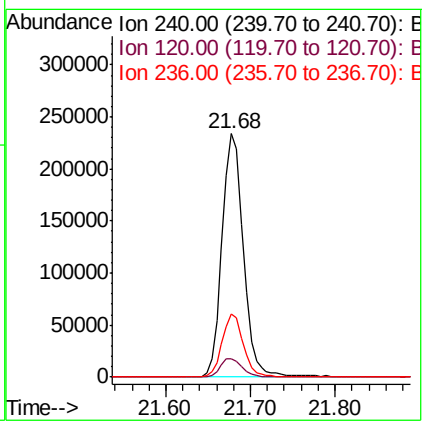


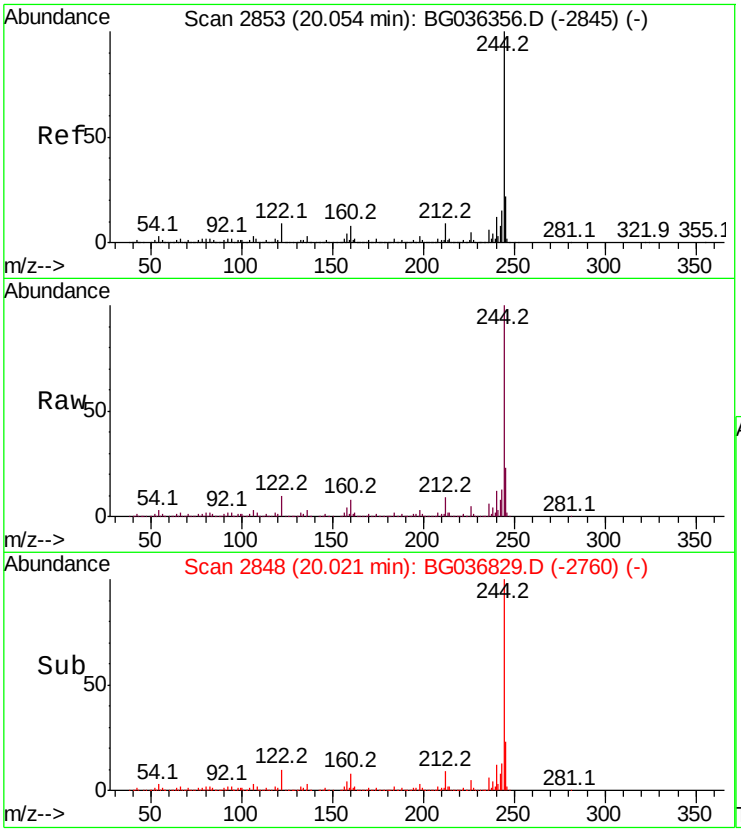


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG036829.D
Acq: 19 Sep 2018 21:16

Tgt Ion:240 Resp: 410145

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.9	10.3
236	25.9	21.2	31.8



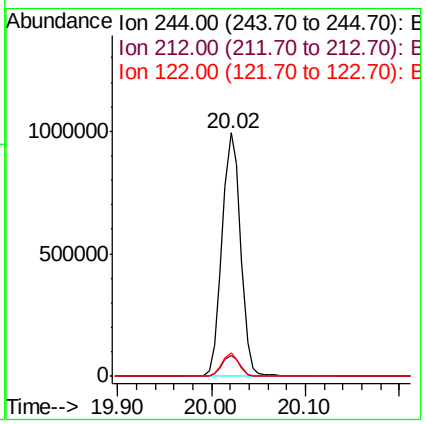


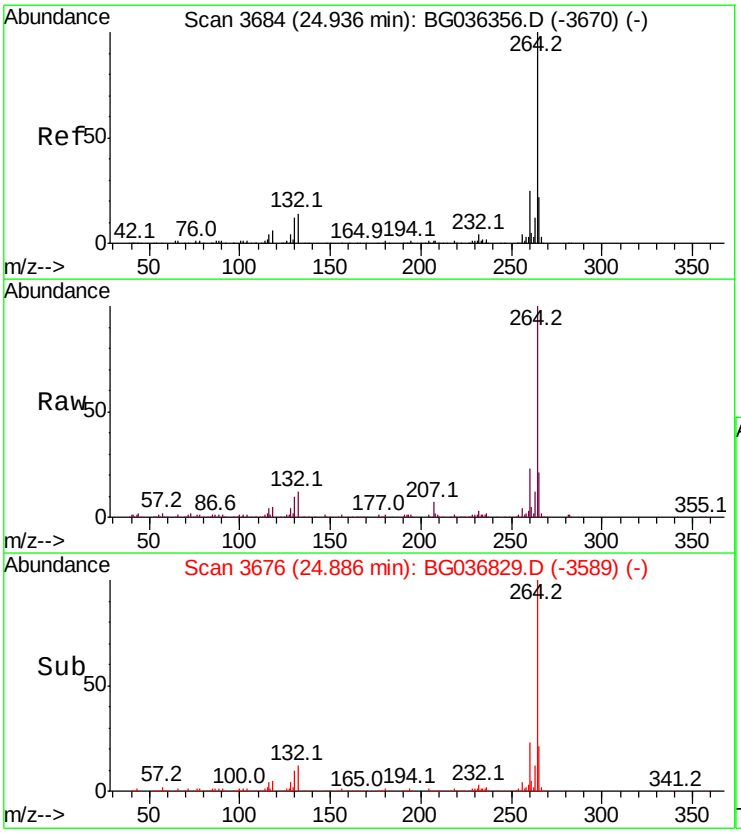
#78
Terphenyl-d14
Concen: 78.344 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG036829.D
Acq: 19 Sep 2018 21:16

Instrument :
BNA_G
ClientSampleId :
CB-0918-S-TCLP-GRID56-1

Tgt Ion:244 Resp: 1374739

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	9.5	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: BG036829.D
Acq: 19 Sep 2018 21:16

Tgt Ion:264 Resp: 380887

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	21.4	17.4	26.0