Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091918\
Data File : BG036831.D
Acq On : 19 Sep 2018 22:34
Operator : JU/SJ
Sample : J4973-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB-0918-S-TCLP-GRID56-3

Quant Time: Sep 20 07:30:25 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	55597	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	230318	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	149713	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	362222	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	374787	20.00	ng	-0.02
86) Perylene-d12	24.89	264	349948	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	354187	101.06	ng	0.00
7) Phenol-d6	7.21	99	450289	89.73	ng	-0.01
23) Nitrobenzene-d5	9.21	82	352169	82.96	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	171561	96.04	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	766649	73.12	ng	-0.02
78) Terphenyl-d14	20.02	244	1254956	78.26	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.90	128	32310	2.806	ng	97

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

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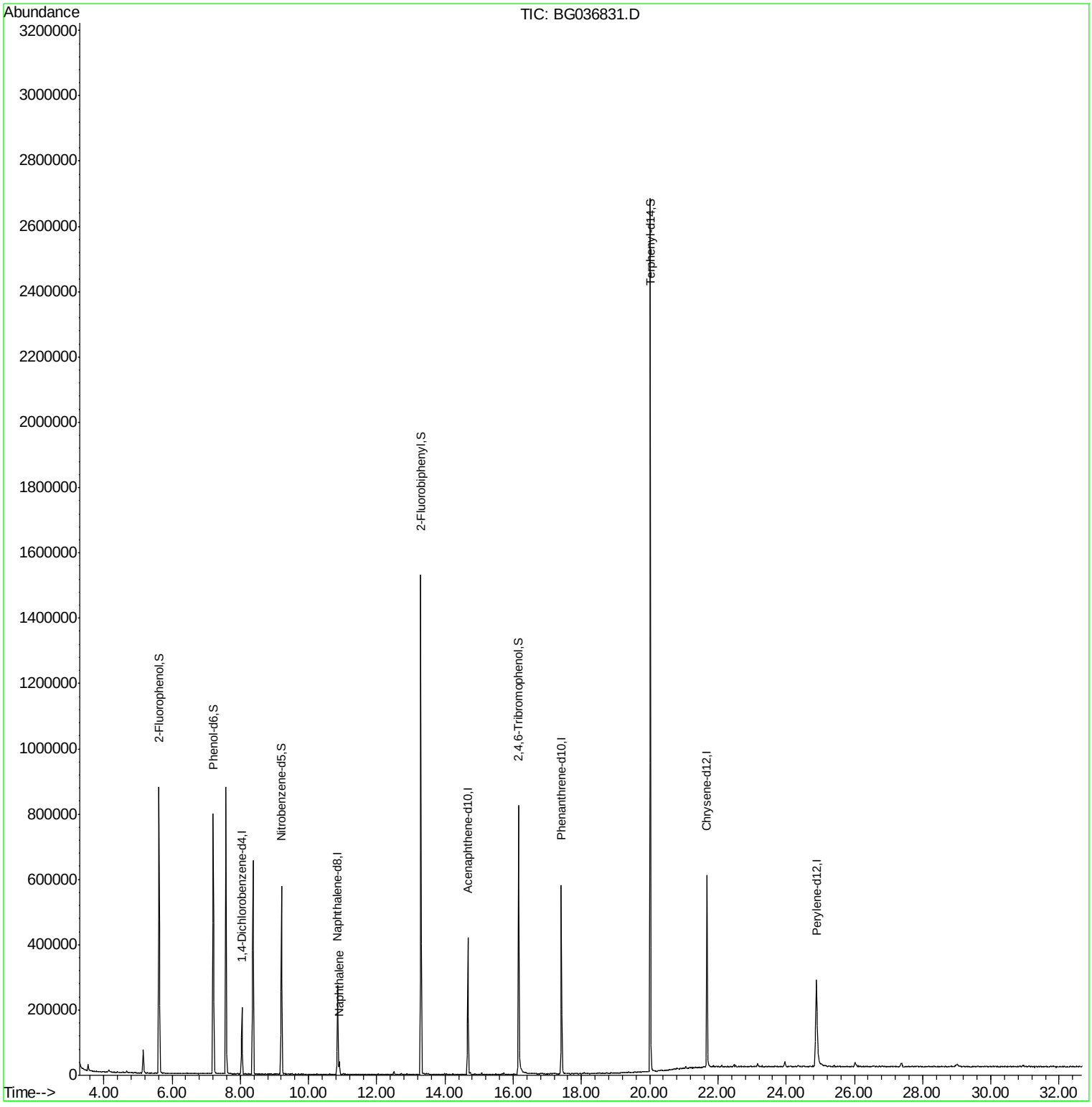
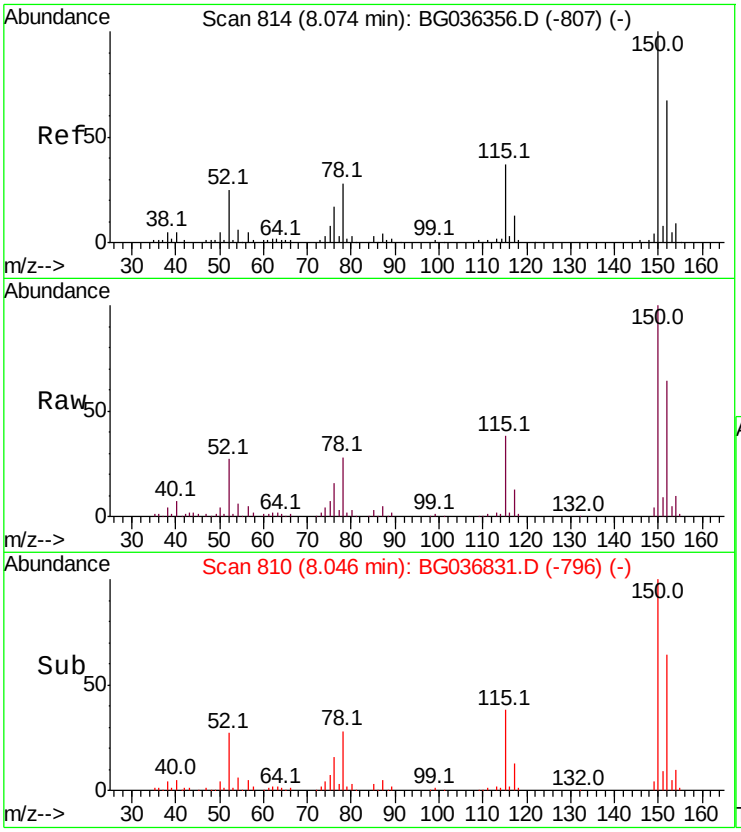
Response via : Initial Calibration



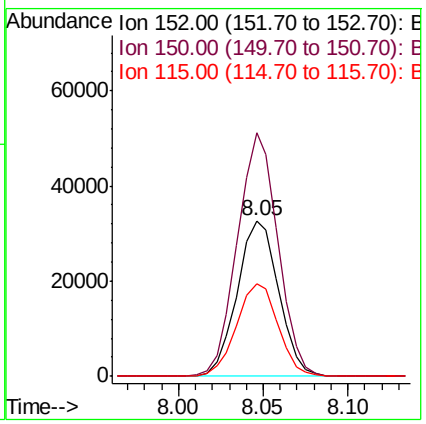


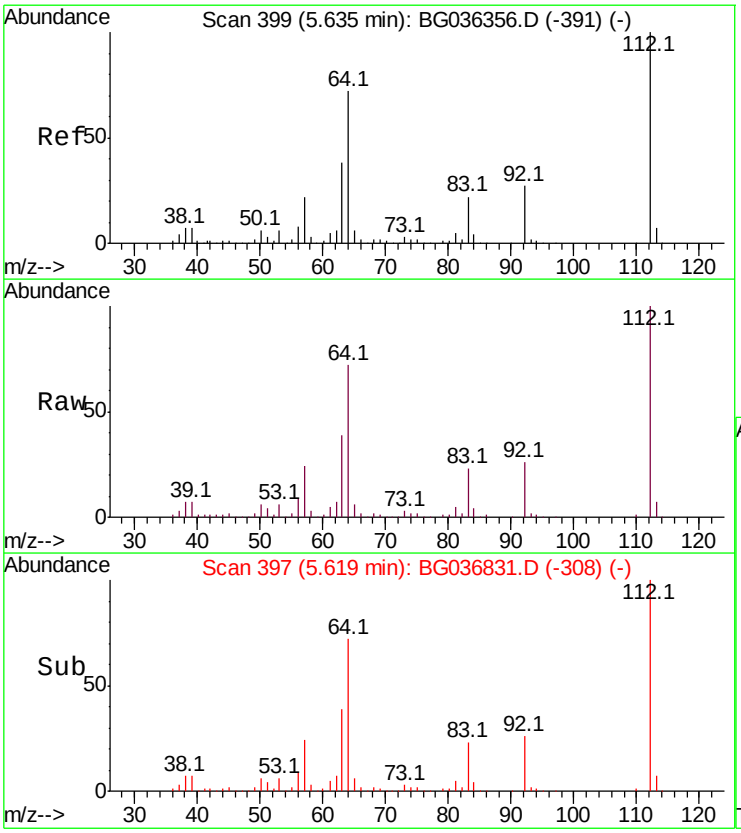
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.02 min
Lab File: BG036831.D
Acq: 19 Sep 2018 22:34

Instrument :
BNA_G
ClientSampleId :
CB-0918-S-TCLP-GRID56-3

Tgt Ion:152 Resp: 55597

Ion	Ratio	Lower	Upper
152	100		
150	156.8	119.5	179.3
115	60.0	44.5	66.7

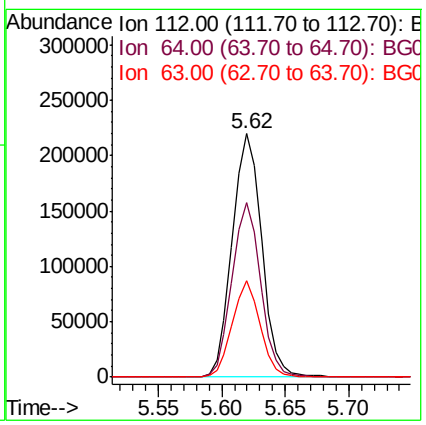


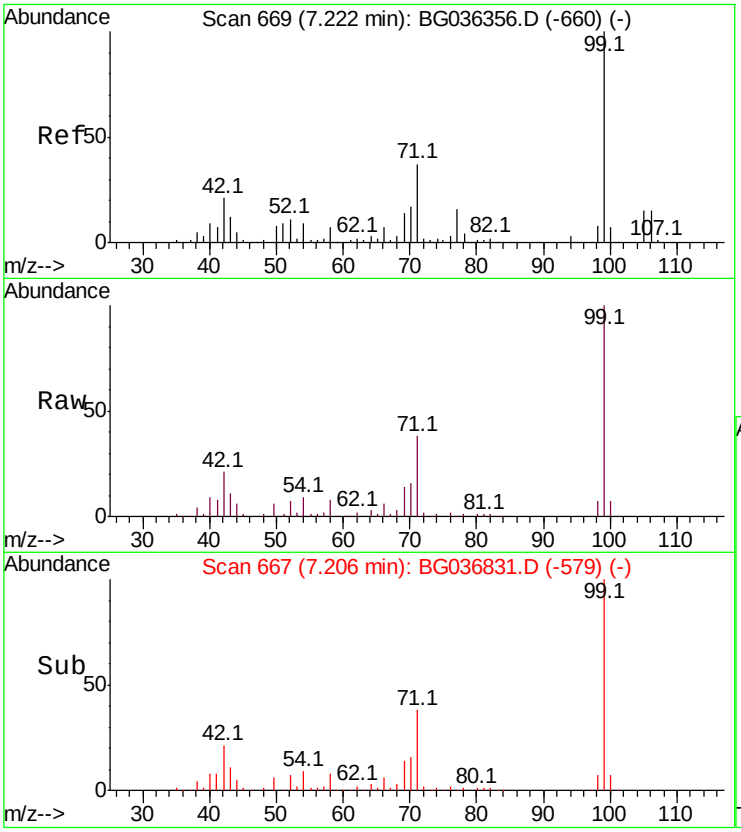


#5
2-Fluorophenol
Concen: 101.057 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG036831.D
Acq: 19 Sep 2018 22:34

Tgt Ion:112 Resp: 354187

Ion	Ratio	Lower	Upper
112	100		
64	71.8	57.2	85.8
63	39.4	30.8	46.2



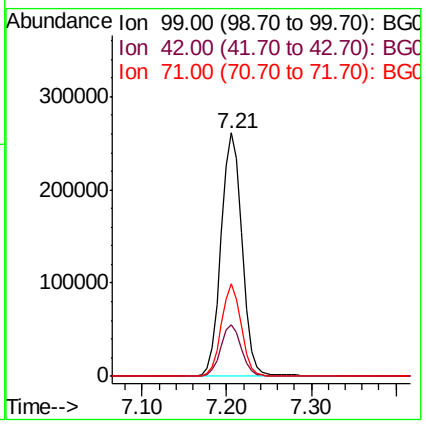


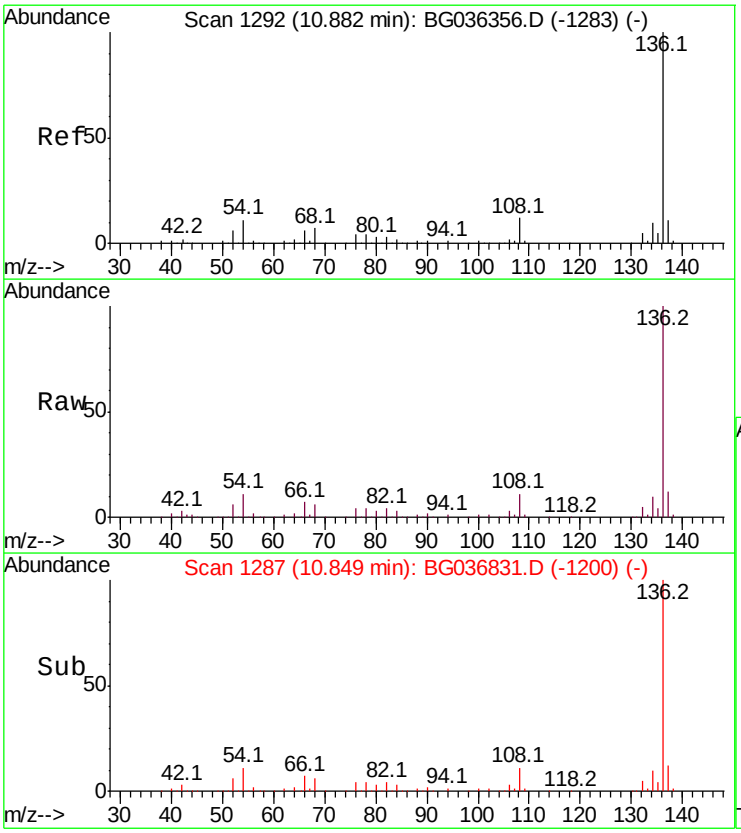
#7
Phenol-d6
Concen: 89.734 ng
RT: 7.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BG036831.D
Acq: 19 Sep 2018 22:34

Instrument :
BNA_G
ClientSampleId :
CB-0918-S-TCLP-GRID56-3

Tgt Ion: 99 Resp: 450289

Ion	Ratio	Lower	Upper
99	100		
42	21.4	16.5	24.7
71	38.1	29.4	44.2

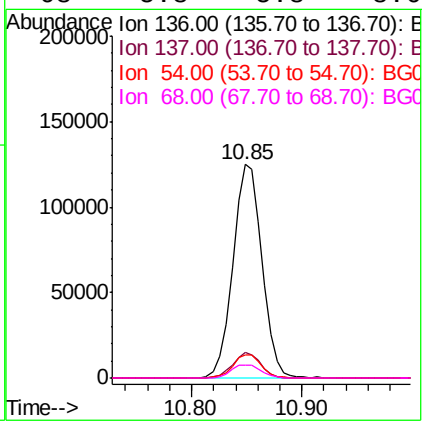


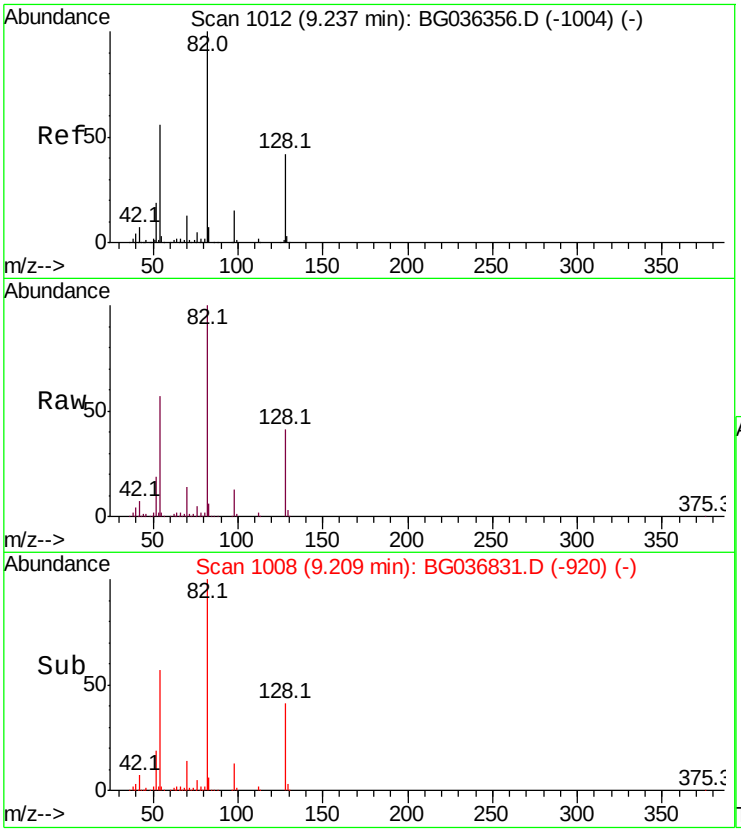


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BG036831.D
Acq: 19 Sep 2018 22:34

Tgt Ion:136 Resp: 230318

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.8	13.2
54	10.8	9.2	13.8
68	5.8	5.8	8.6



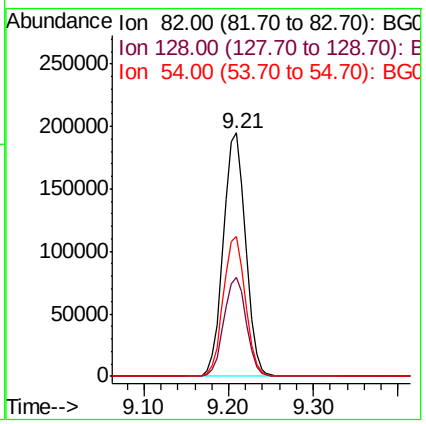


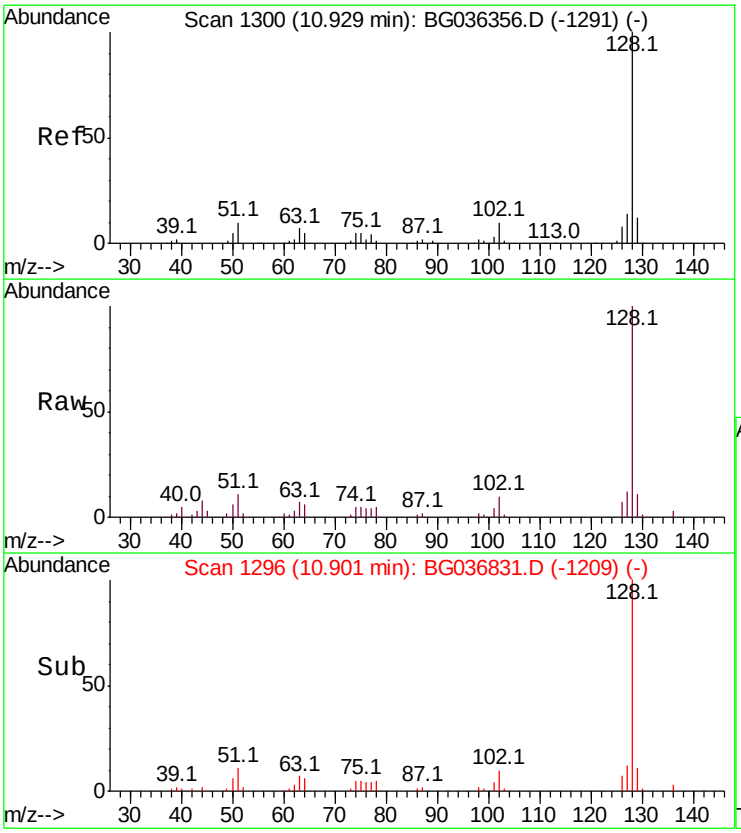
#23
Nitrobenzene-d5
Concen: 82.962 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036831.D
Acq: 19 Sep 2018 22:34

Instrument :
BNA_G
ClientSampleId :
CB-0918-S-TCLP-GRID56-3

Tgt Ion: 82 Resp: 352169

Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.3	49.9
54	57.3	45.1	67.7

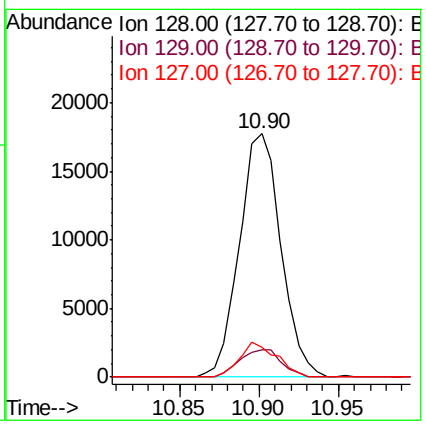


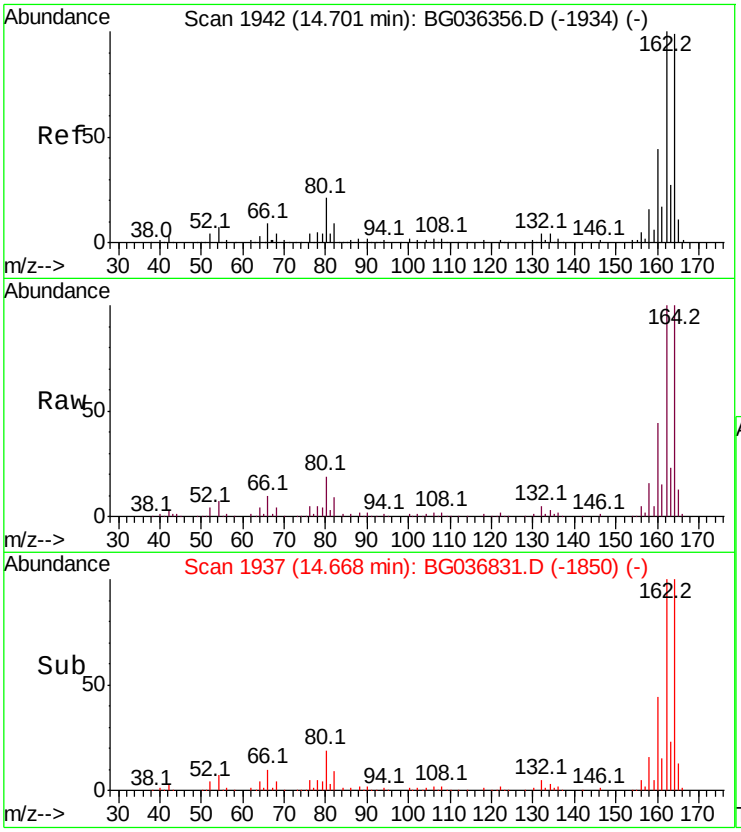


#31
Naphthalene
Concen: 2.806 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BG036831.D
Acq: 19 Sep 2018 22:34

Tgt Ion:128 Resp: 32310

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.2
127	12.3	11.0	16.4



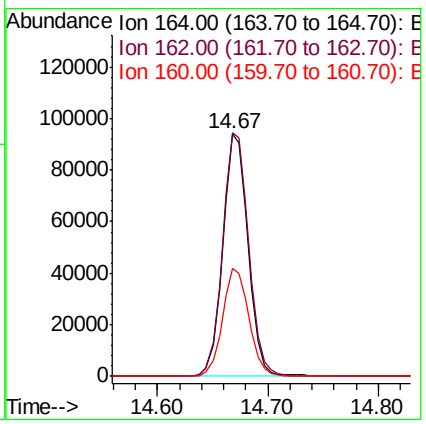


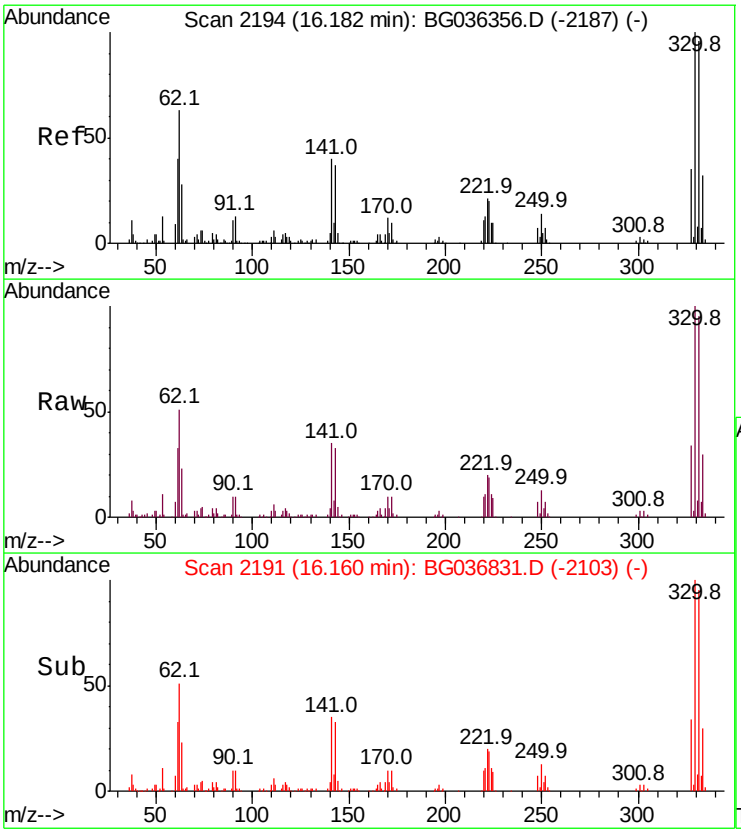
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.02 min
Lab File: BG036831.D
Acq: 19 Sep 2018 22:34

Instrument :
BNA_G
ClientSampleId :
CB-0918-S-TCLP-GRID56-3

Tgt Ion:164 Resp: 149713

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.7	121.1
160	44.5	35.3	52.9

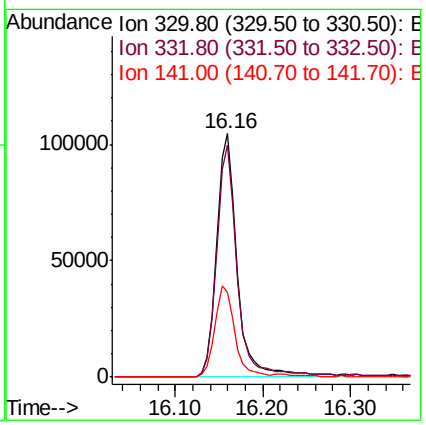


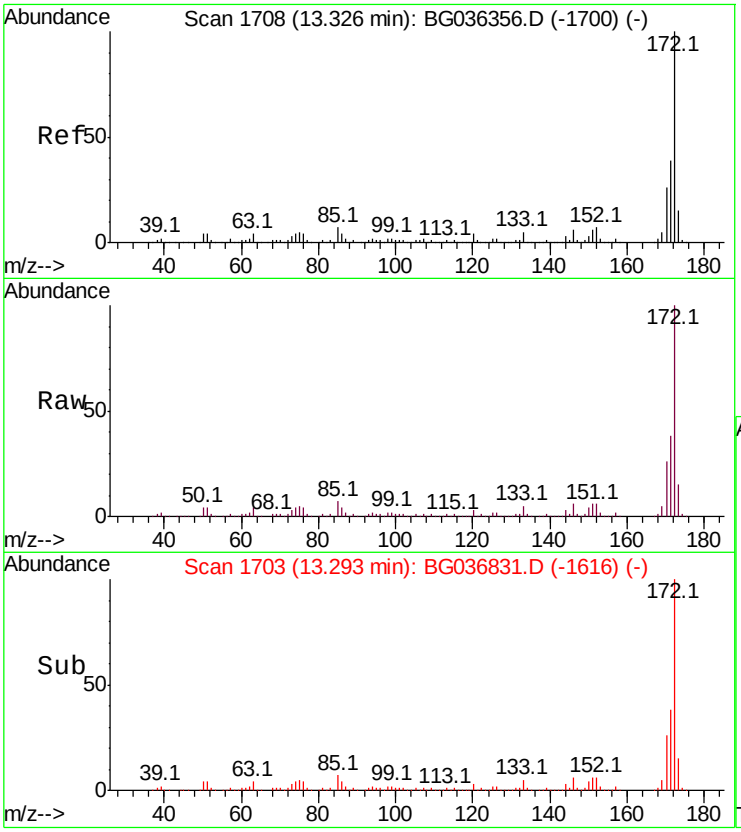


#41
2,4,6-Tribromophenol
Concen: 96.037 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG036831.D
Acq: 19 Sep 2018 22:34

Tgt Ion:330 Resp: 171561

Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.4	113.2
141	38.1	30.7	46.1



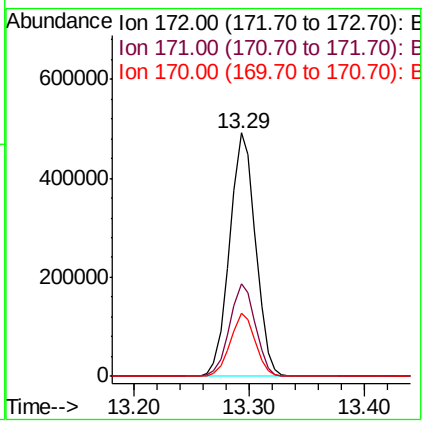


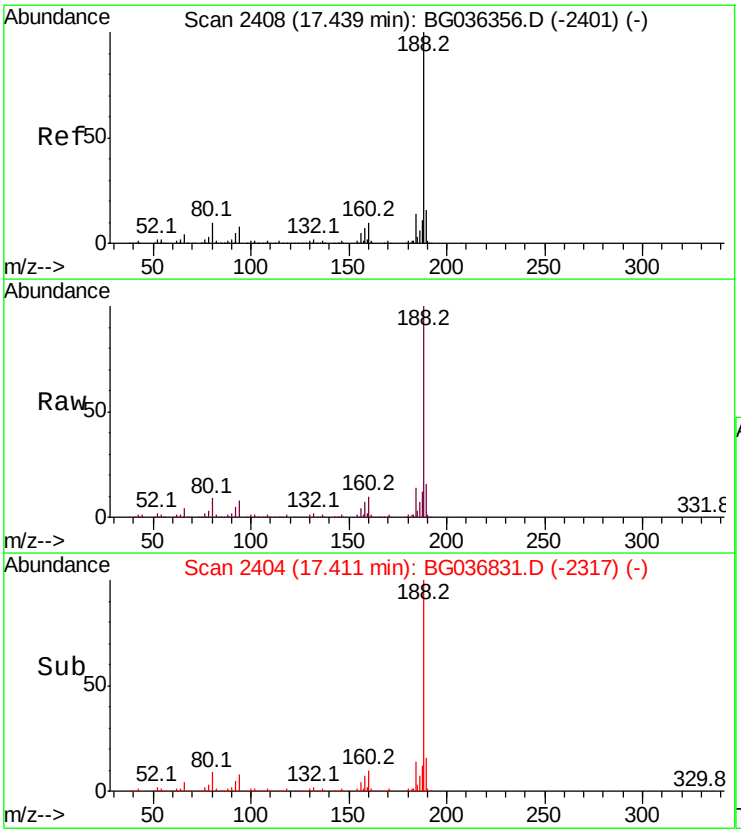
#44
2-Fluorobiphenyl
Concen: 73.116 ng
RT: 13.29 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BG036831.D
Acq: 19 Sep 2018 22:34

Instrument :
BNA_G
ClientSampleId :
CB-0918-S-TCLP-GRID56-3

Tgt Ion:172 Resp: 766649

Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.3	46.9
170	25.9	21.0	31.6

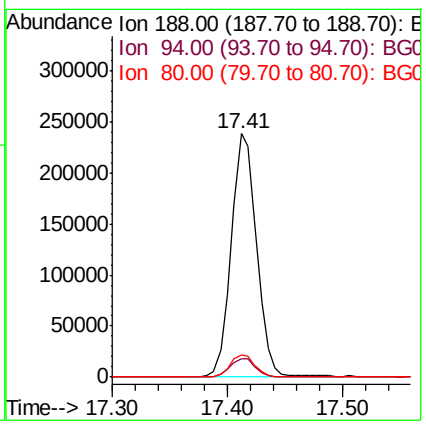


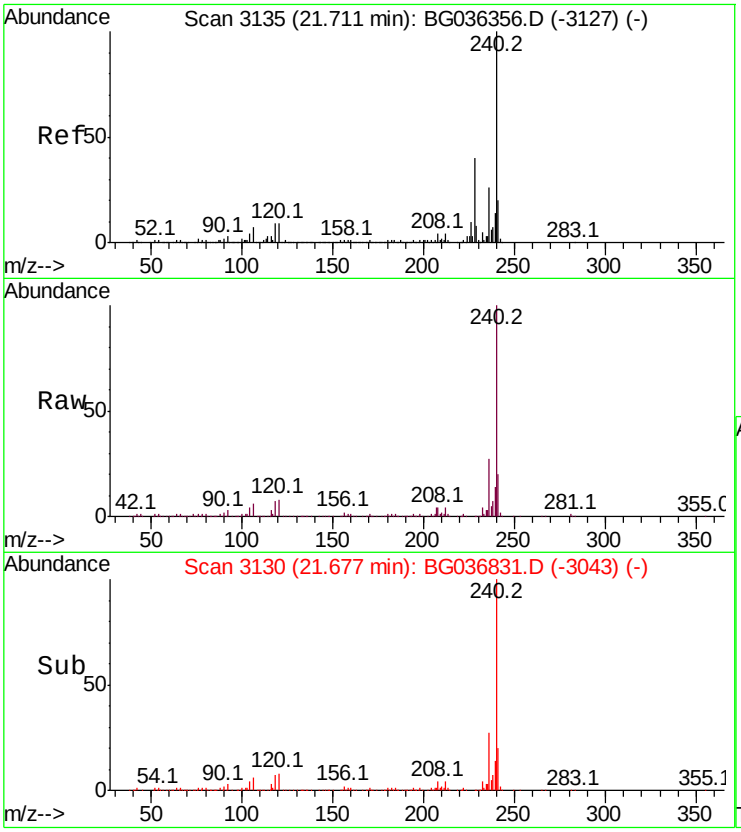


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.02 min
Lab File: BG036831.D
Acq: 19 Sep 2018 22:34

Tgt Ion:188 Resp: 362222

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.7	10.1
80	9.3	8.1	12.1



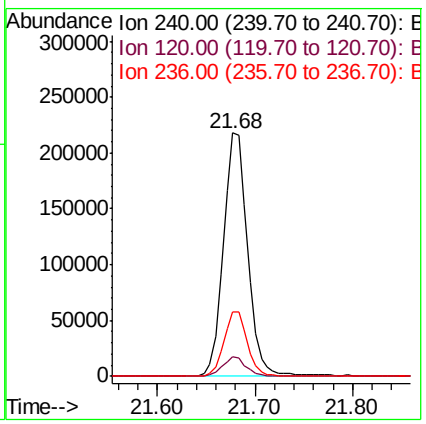


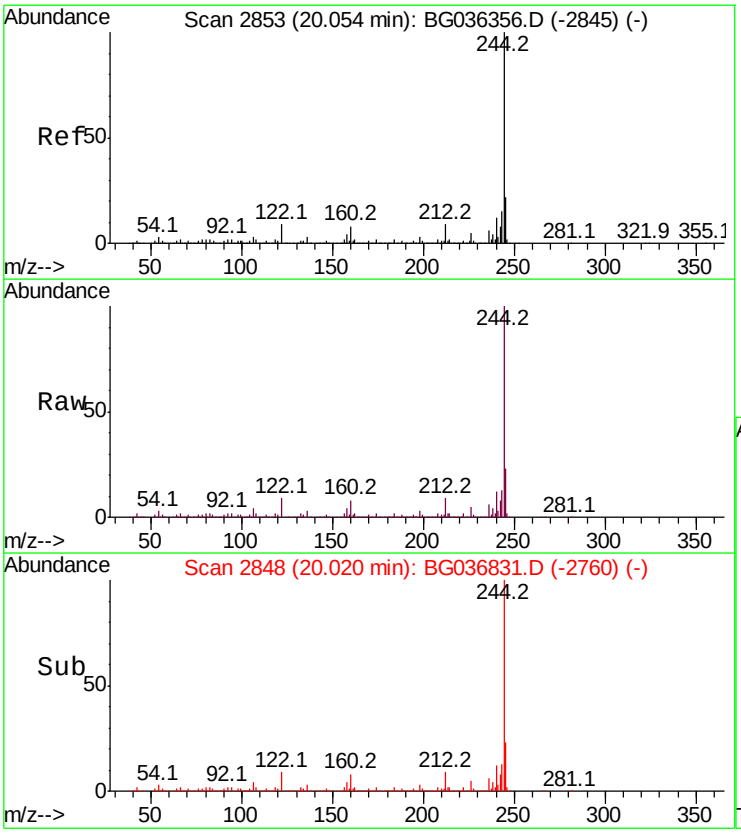
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG036831.D
Acq: 19 Sep 2018 22:34

Instrument :
BNA_G
ClientSampleId :
CB-0918-S-TCLP-GRID56-3

Tgt Ion:240 Resp: 374787

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.9	10.3
236	26.6	21.2	31.8

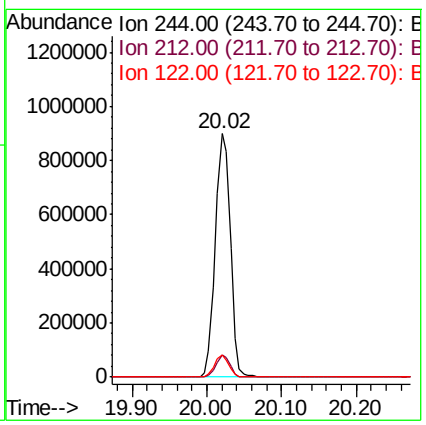


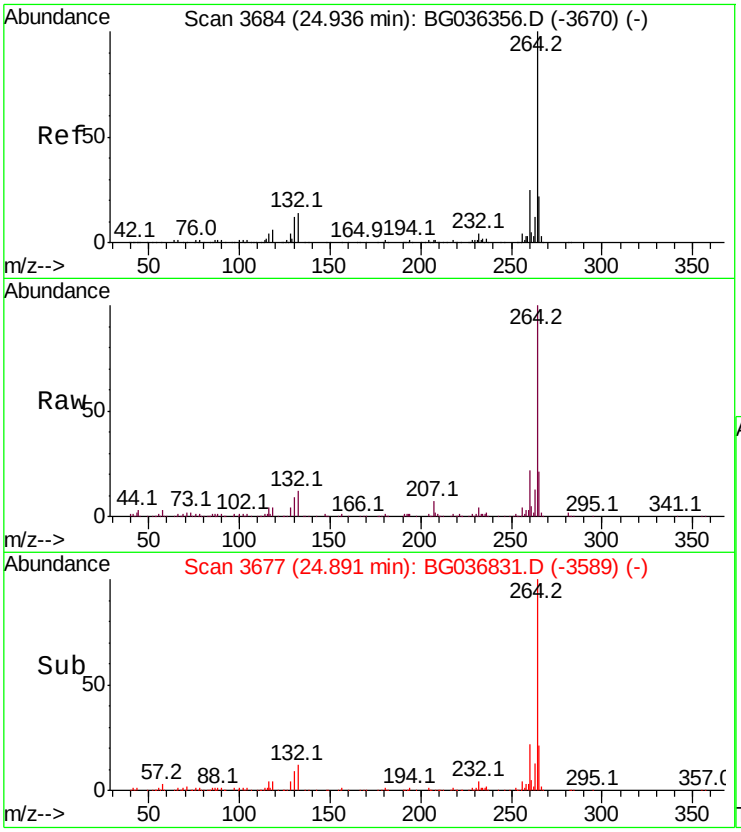


#78
Terphenyl-d14
Concen: 78.265 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG036831.D
Acq: 19 Sep 2018 22:34

Tgt Ion:244 Resp: 1254956

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	9.3	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: BG036831.D
Acq: 19 Sep 2018 22:34

Instrument :
BNA_G
ClientSampleId :
CB-0918-S-TCLP-GRID56-3

Tgt Ion:264 Resp: 349948

Ion	Ratio	Lower	Upper
264	100		
260	21.6	19.6	29.4
265	20.6	17.4	26.0