Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
Data File : BG036797.D
Acq On : 18 Sep 2018 22:24
Operator : JU/SJ
Sample : J4922-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 19 05:54:26 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	42295	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	180720	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	126869	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	352749	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	365140	20.00	ng	-0.01
86) Perylene-d12	24.89	264	380217	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	14650	5.49	ng	0.00
7) Phenol-d6	7.20	99	15382	4.03	ng	-0.01
23) Nitrobenzene-d5	9.21	82	95333	28.62	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	15328	10.13	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	229939	25.88	ng	-0.01
78) Terphenyl-d14	20.02	244	484333	31.00	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.21	70	12341	4.326	ng	# 75
32) Benzoic acid	10.21	122	57	4.506	ng	# 1
49) Dimethylphthalate	14.12	163	122682	11.842	ng	99
56) 2,4-Dinitrotoluene	14.67	165	16297	5.866	ng	# 21

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

Quantitation Report (Not Reviewed)

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Misc :
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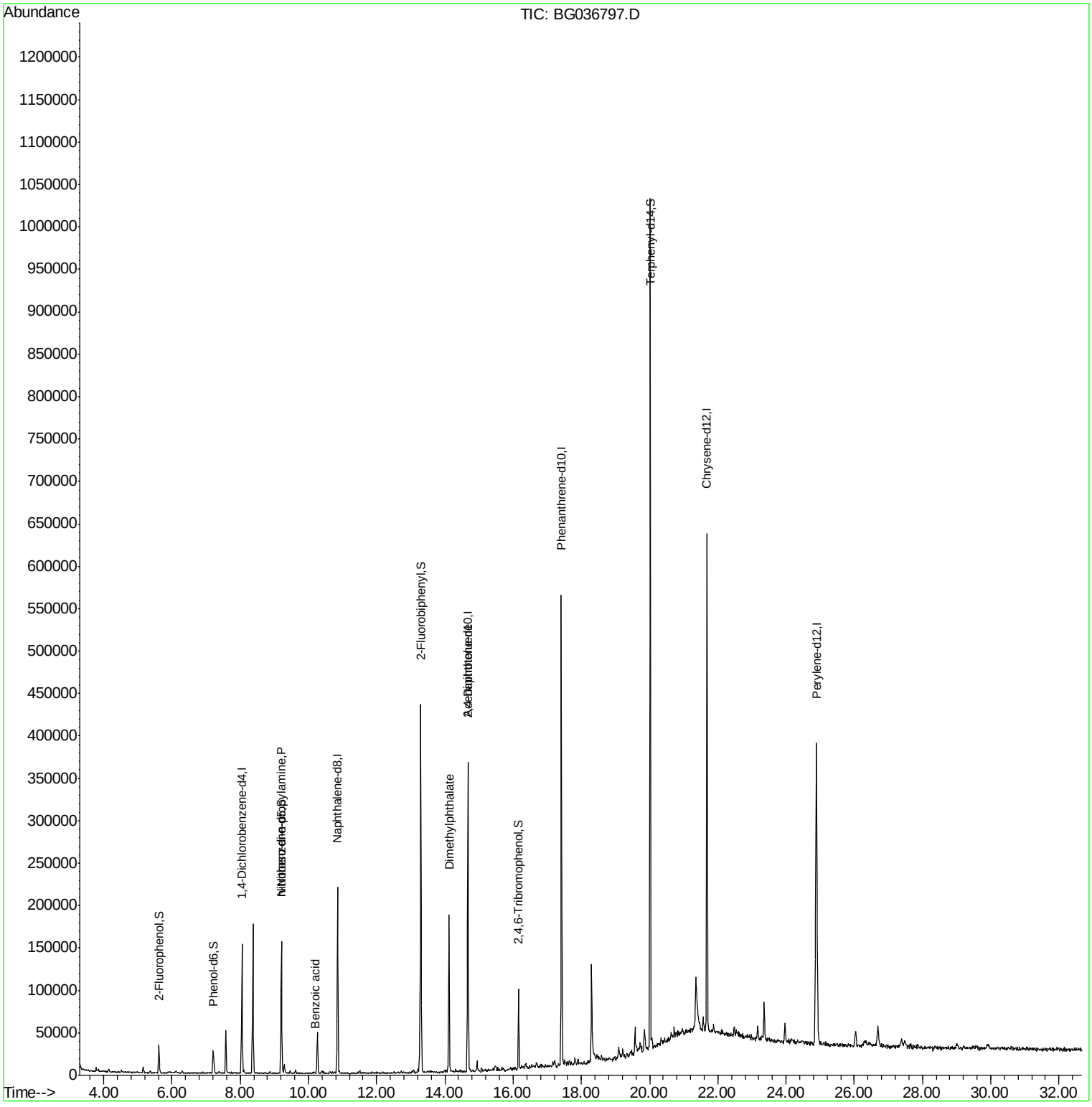
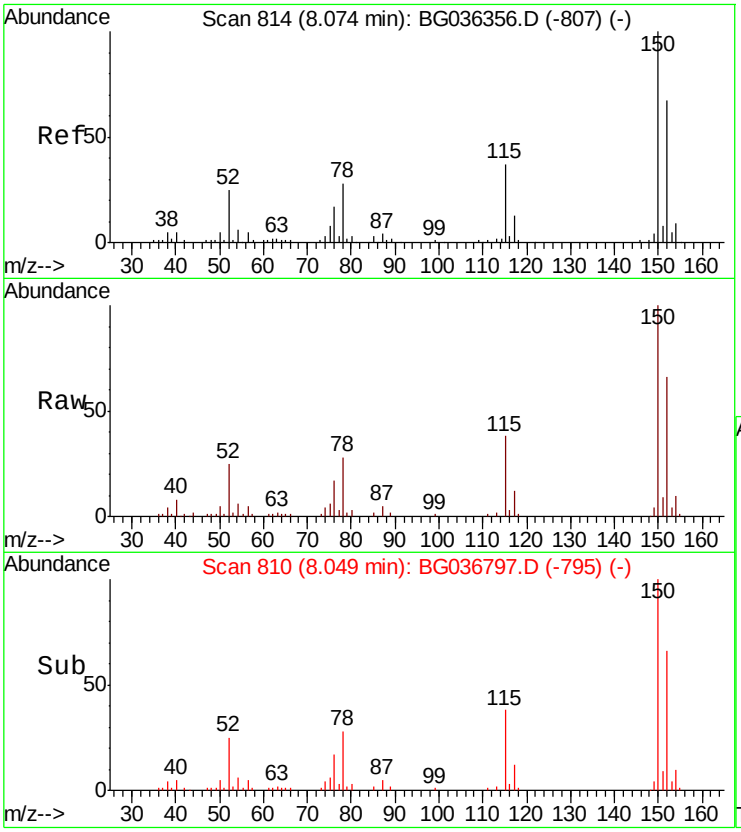


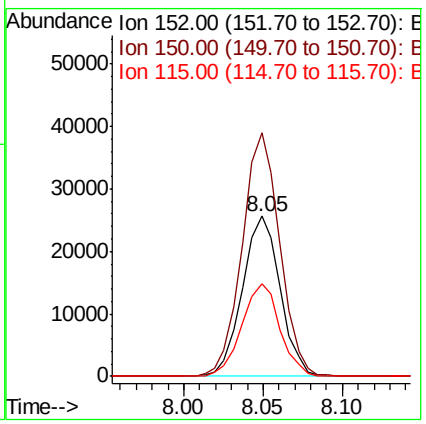


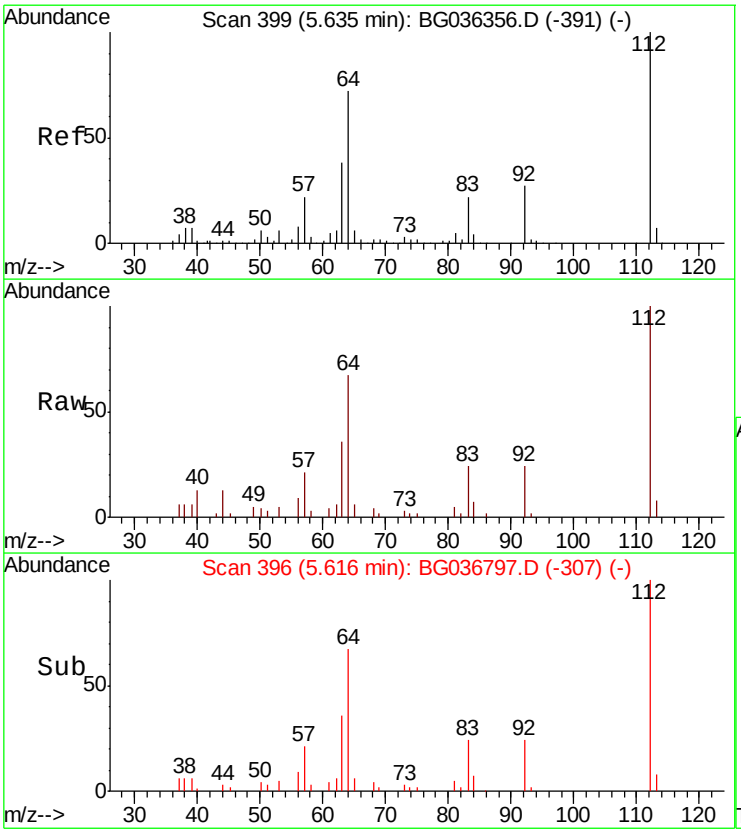
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG036797.D
Acq: 18 Sep 2018 22:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 42295

Ion	Ratio	Lower	Upper
152	100		
150	151.8	119.5	179.3
115	57.9	44.5	66.7

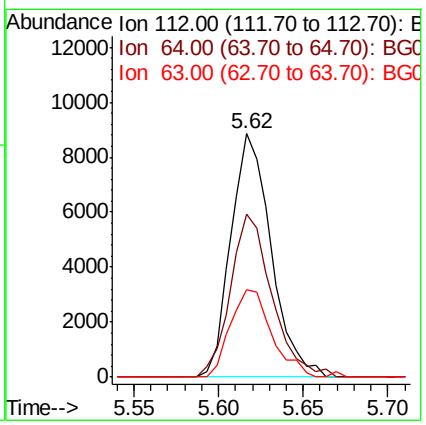


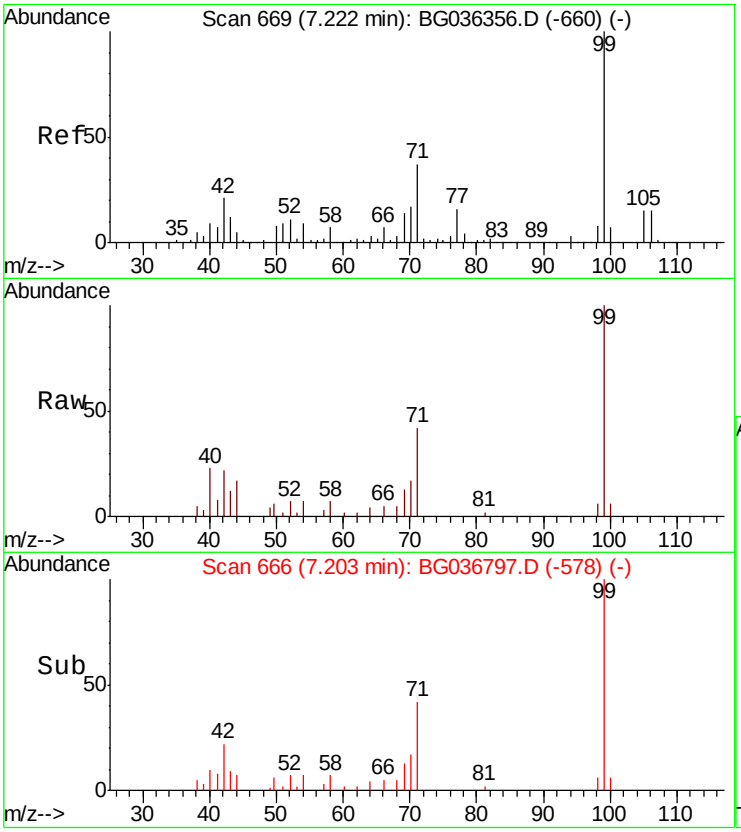


#5
2-Fluorophenol
Concen: 5.495 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG036797.D
Acq: 18 Sep 2018 22:24

Tgt Ion:112 Resp: 14650

Ion	Ratio	Lower	Upper
112	100		
64	66.8	57.2	85.8
63	35.8	30.8	46.2



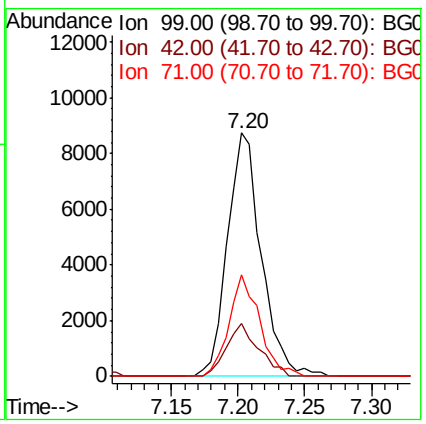


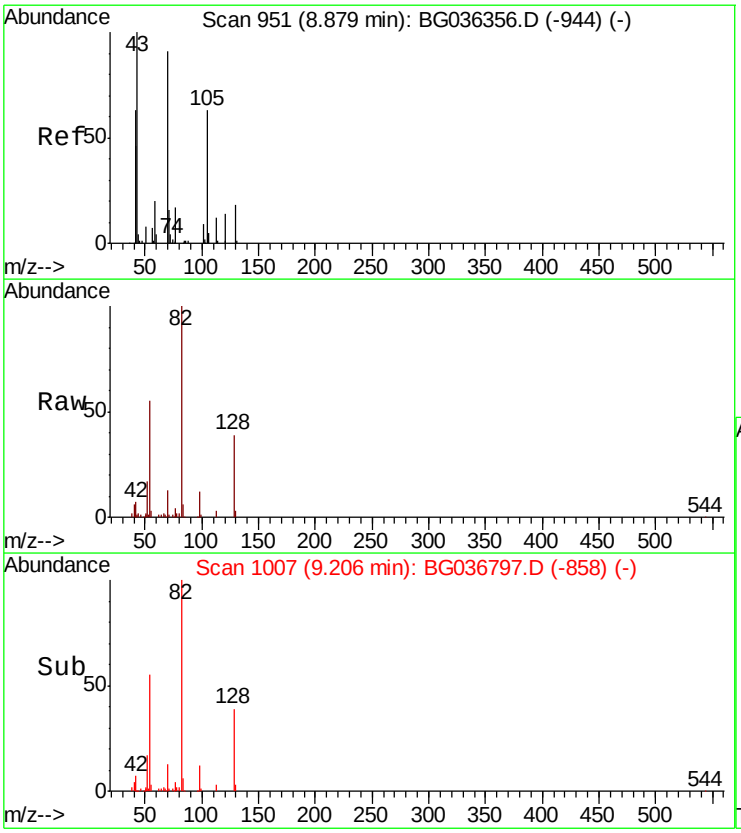
#7
Phenol-d6
Concen: 4.029 ng
RT: 7.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BG036797.D
Acq: 18 Sep 2018 22:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 15382

Ion	Ratio	Lower	Upper
99	100		
42	21.7	16.5	24.7
71	41.7	29.4	44.2

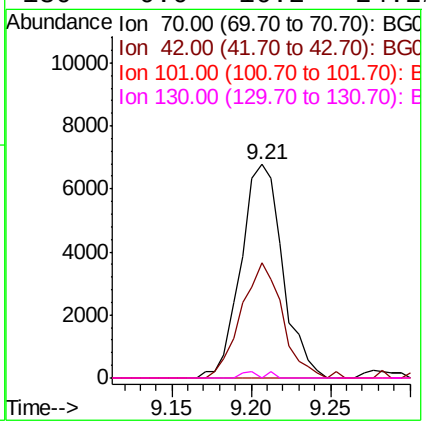


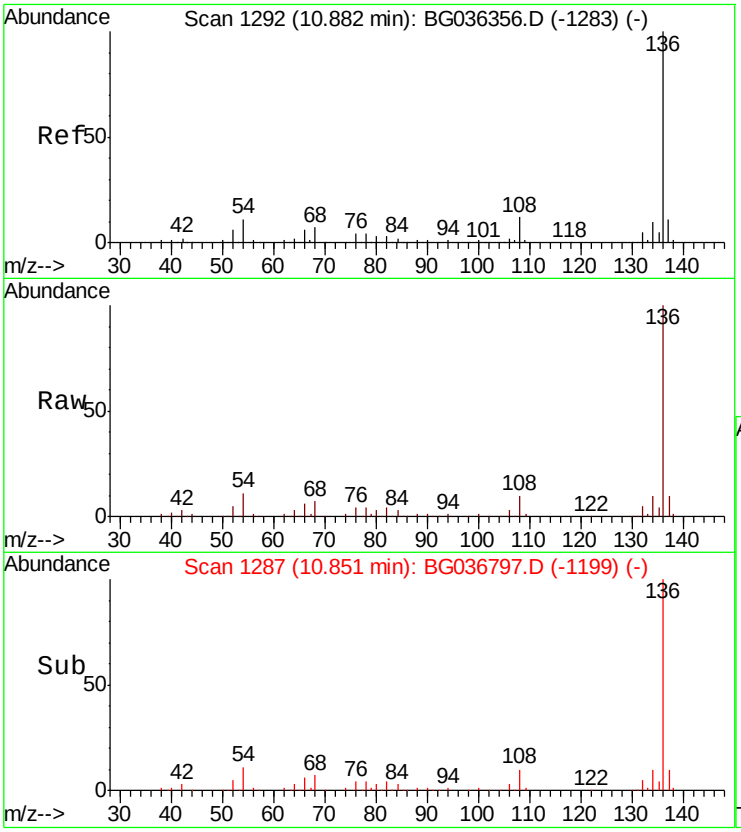


#19
n-Nitroso-di-n-propylamine
Concen: 4.326 ng
RT: 9.21 min Scan# 1007
Delta R.T. 0.34 min
Lab File: BG036797.D
Acq: 18 Sep 2018 22:24

Tgt Ion: 70 Resp: 12341

Ion	Ratio	Lower	Upper
70	100		
42	54.0	56.2	84.4#
101	0.0	7.8	11.6#
130	0.0	16.2	24.2#



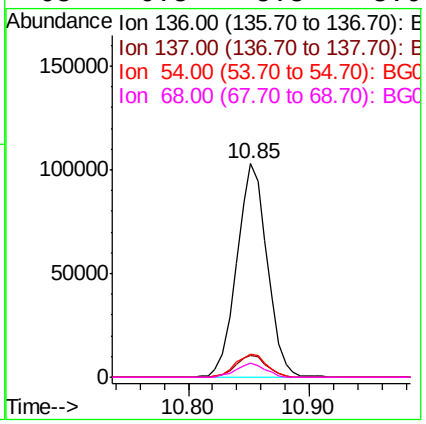


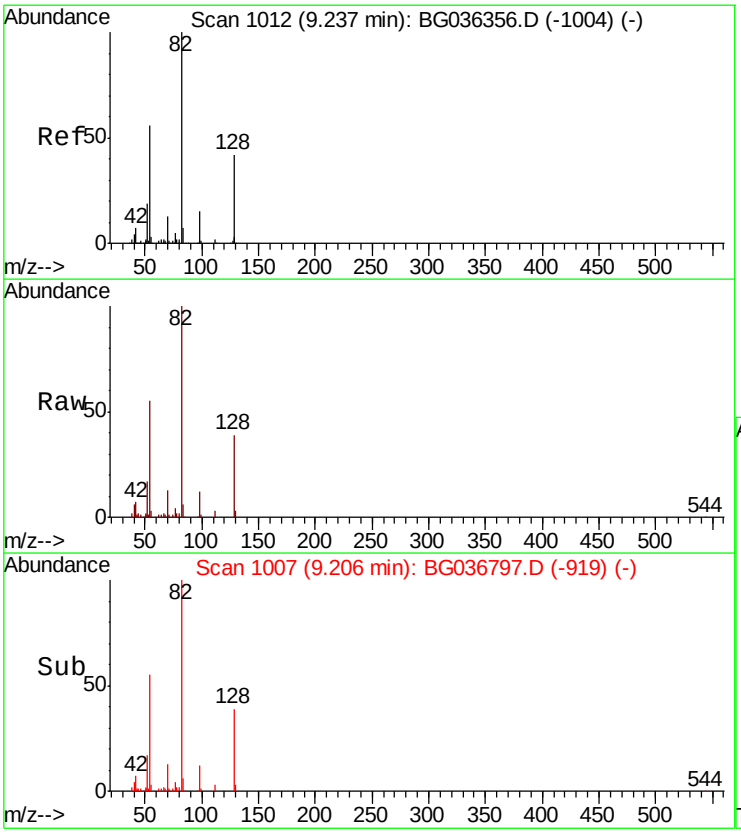
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036797.D
Acq: 18 Sep 2018 22:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 180720

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	10.9	9.2	13.8
68	6.8	5.8	8.6

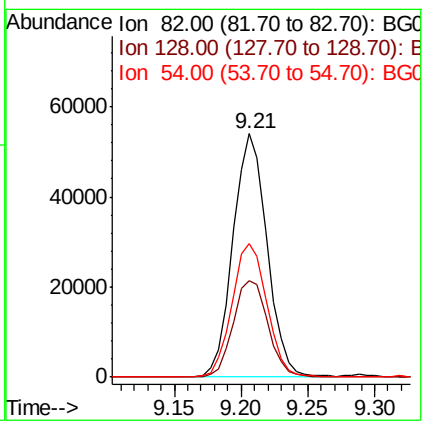


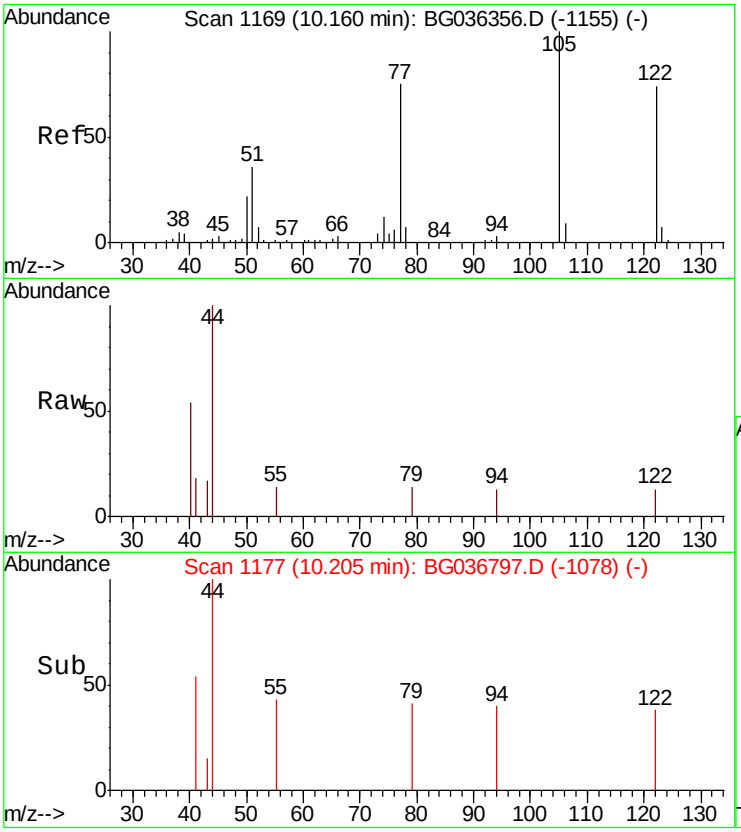


#23
Nitrobenzene-d5
Concen: 28.621 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036797.D
Acq: 18 Sep 2018 22:24

Tgt Ion: 82 Resp: 95333

Ion	Ratio	Lower	Upper
82	100		
128	39.4	33.3	49.9
54	55.0	45.1	67.7



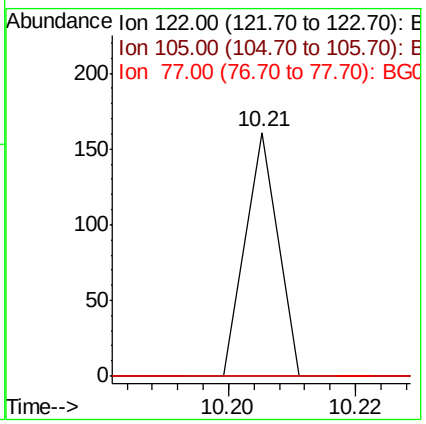


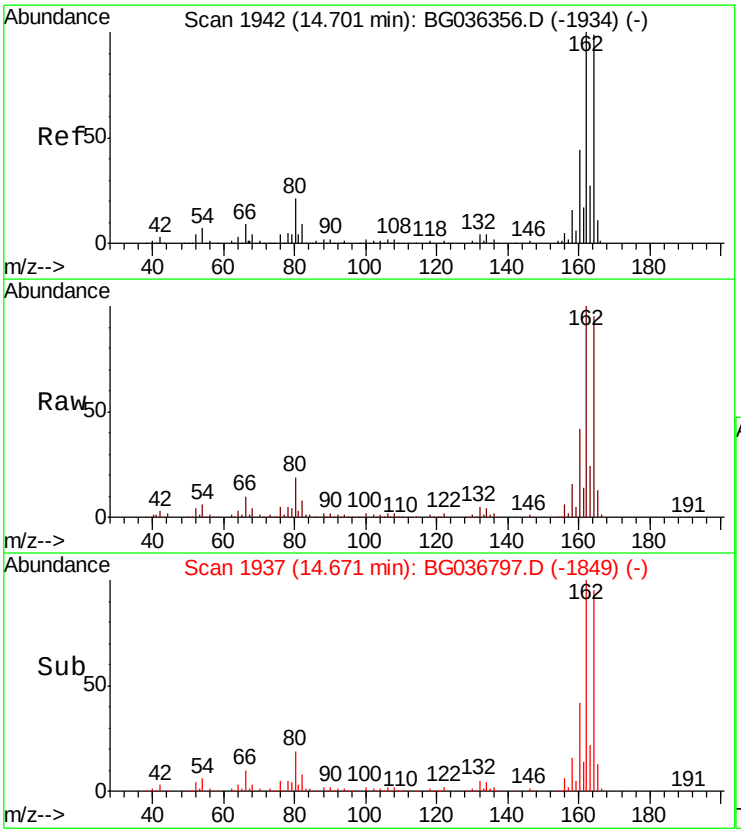
#32
Benzoic acid
Concen: 4.506 ng
RT: 10.21 min Scan# 1177
Delta R.T. 0.05 min
Lab File: BG036797.D
Acq: 18 Sep 2018 22:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 57

Ion	Ratio	Lower	Upper
122	100		
105	0.0	108.1	148.1#
77	0.0	76.3	116.3#

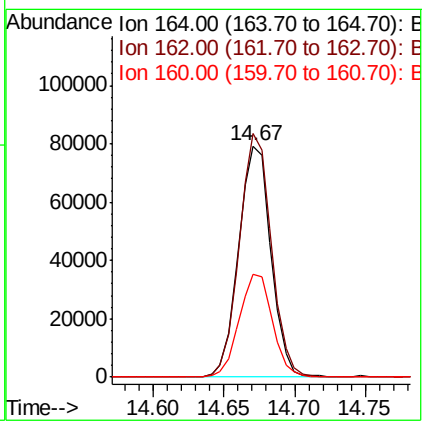


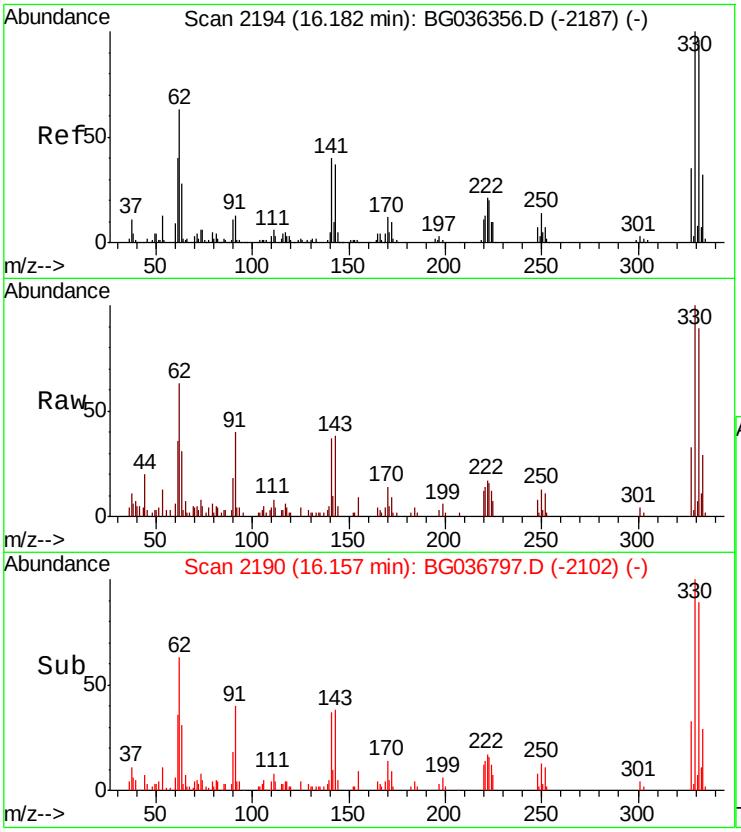


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036797.D
Acq: 18 Sep 2018 22:24

Tgt Ion:164 Resp: 126869

Ion	Ratio	Lower	Upper
164	100		
162	105.2	80.7	121.1
160	44.6	35.3	52.9



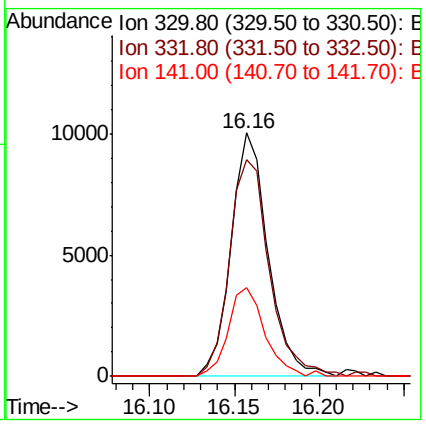


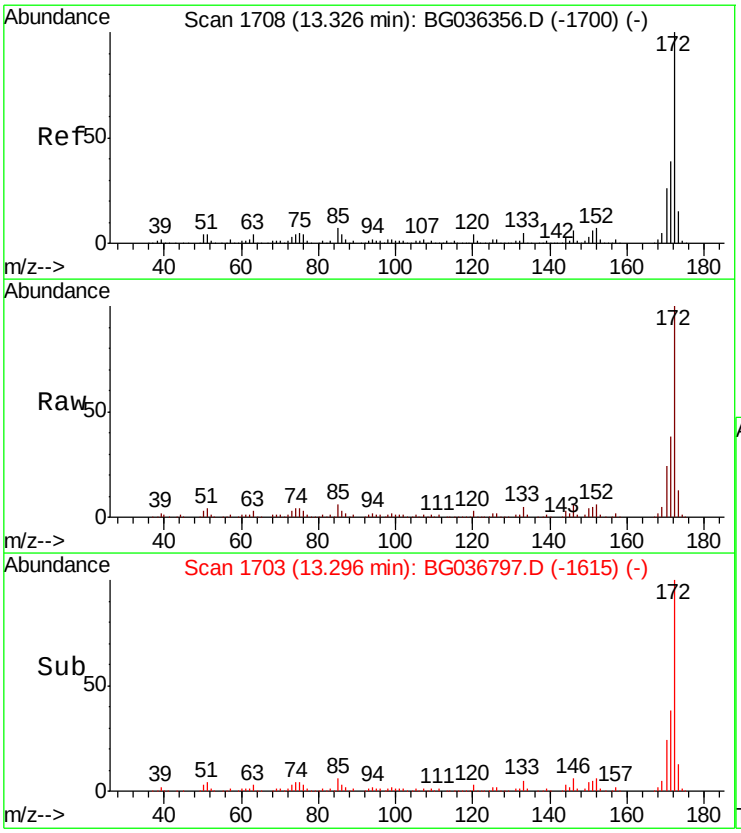
#41
2,4,6-Tribromophenol
Concen: 10.125 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG036797.D
Acq: 18 Sep 2018 22:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 15328

Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.4	113.2
141	36.3	30.7	46.1

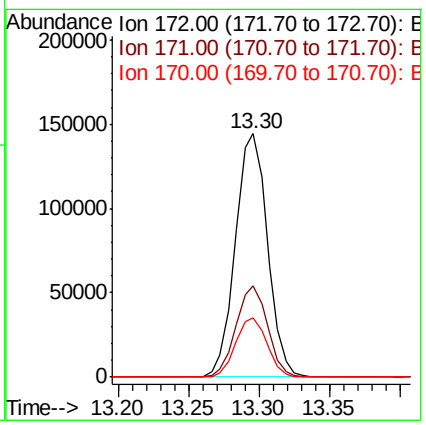


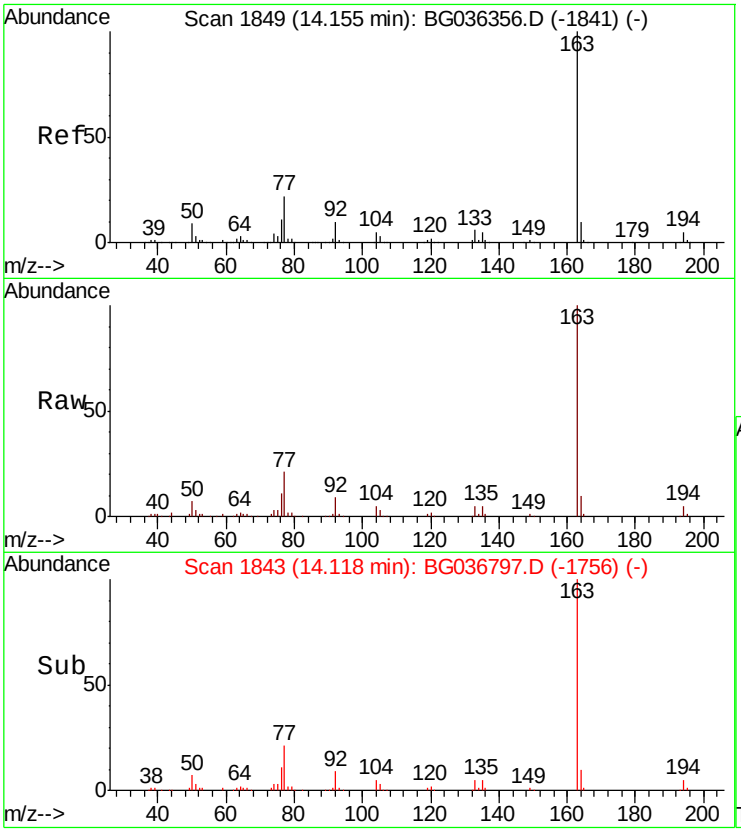


#44
2-Fluorobiphenyl
Concen: 25.878 ng
RT: 13.30 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG036797.D
Acq: 18 Sep 2018 22:24

Tgt Ion:172 Resp: 229939

Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.3	46.9
170	24.5	21.0	31.6



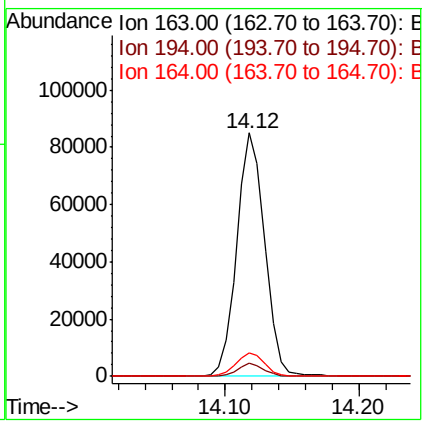


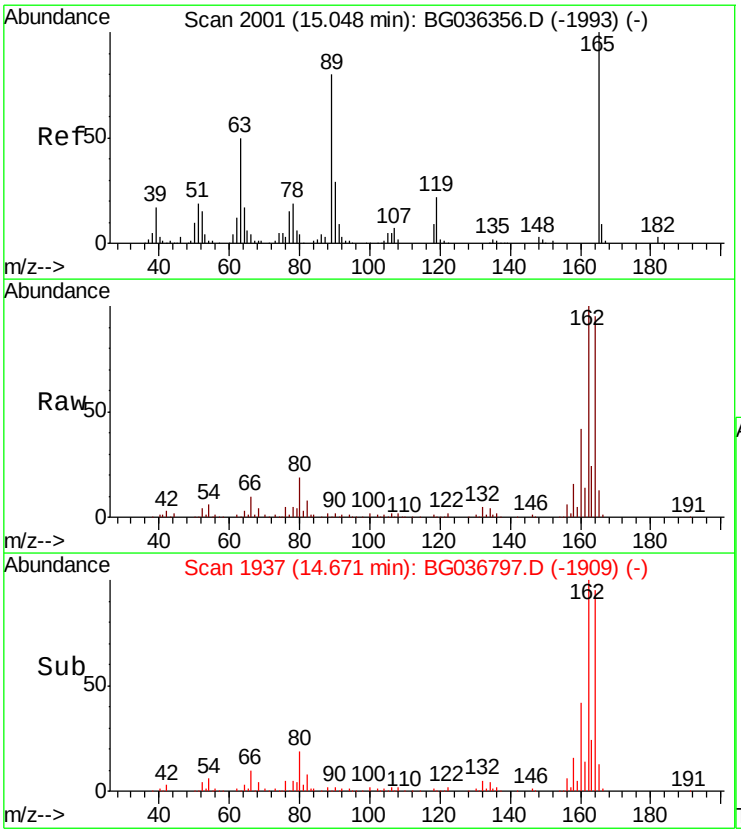
#49
Dimethylphthalate
Concen: 11.842 ng
RT: 14.12 min Scan# 1843
Delta R.T. -0.02 min
Lab File: BG036797.D
Acq: 18 Sep 2018 22:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 122682

Ion	Ratio	Lower	Upper
163	100		
194	5.3	4.0	6.0
164	9.6	8.1	12.1

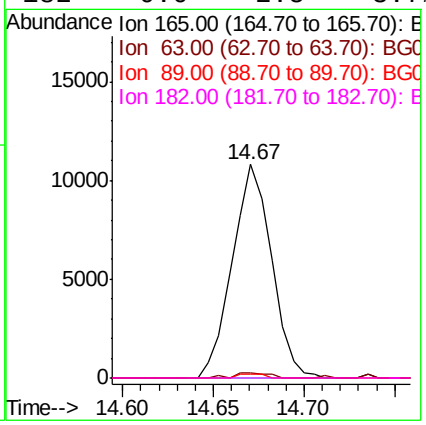


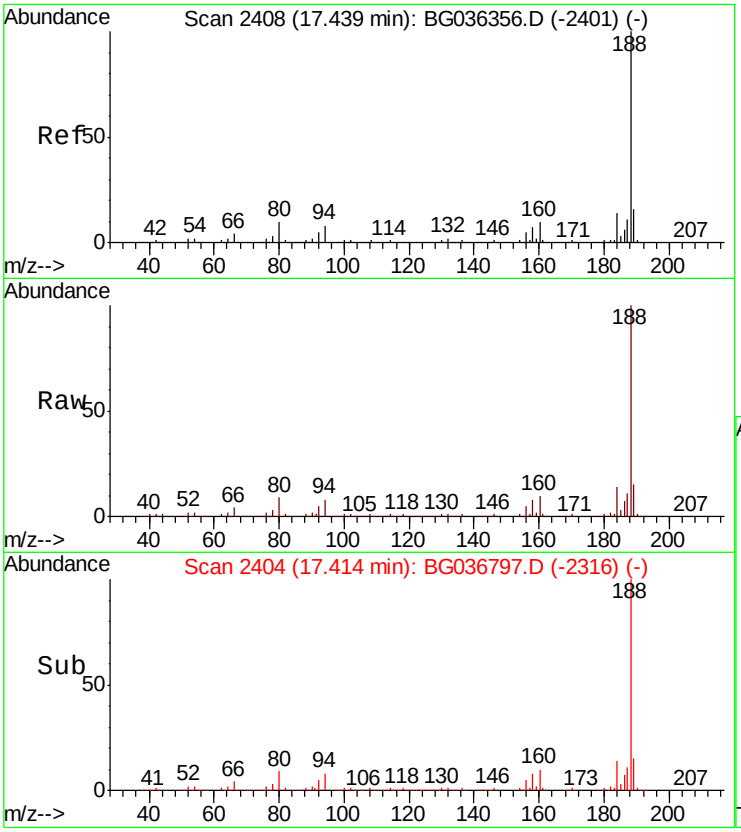


#56
2,4-Dinitrotoluene
Concen: 5.866 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.37 min
Lab File: BG036797.D
Acq: 18 Sep 2018 22:24

Tgt Ion:165 Resp: 16297

Ion	Ratio	Lower	Upper
165	100		
63	2.4	40.1	60.1#
89	2.1	63.7	95.5#
182	0.0	2.5	3.7#



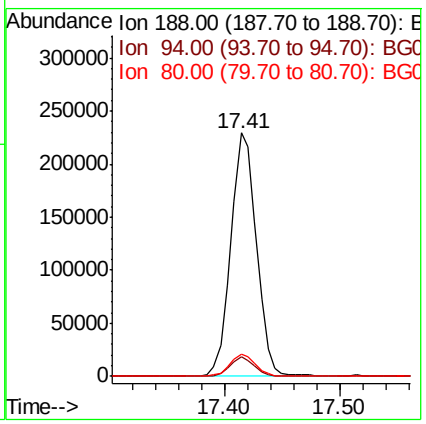


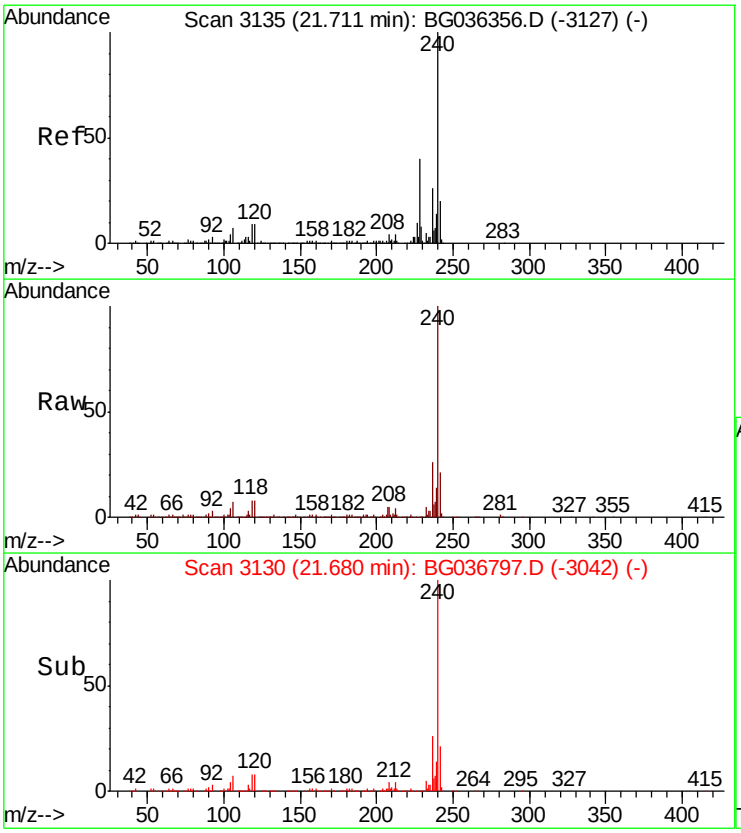
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG036797.D
Acq: 18 Sep 2018 22:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 352749

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.7	10.1
80	9.2	8.1	12.1

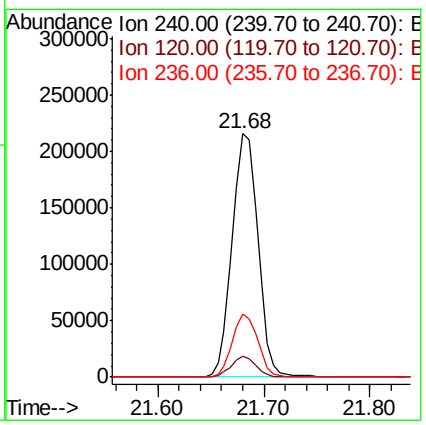


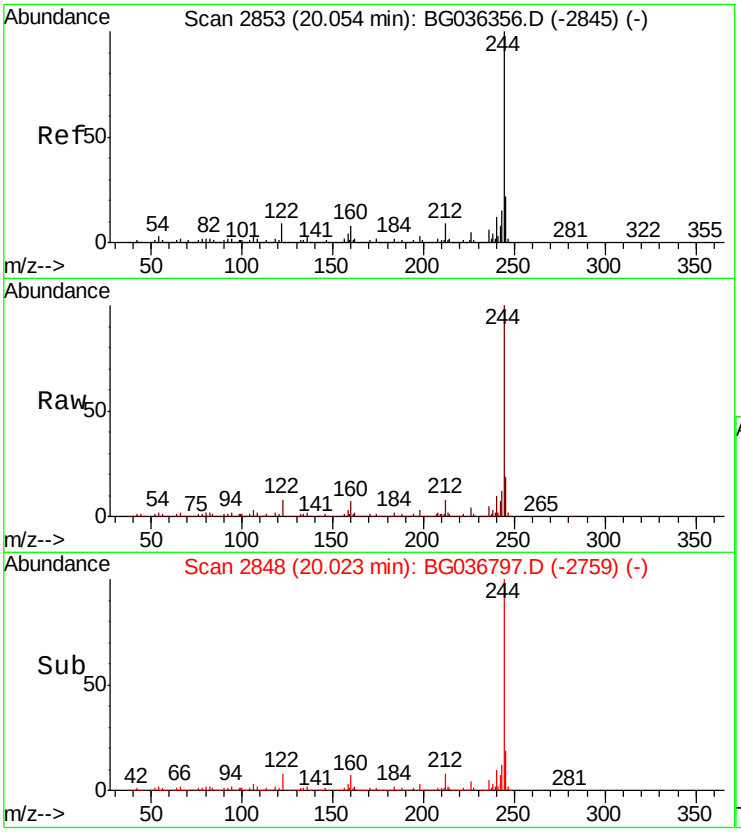


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036797.D
Acq: 18 Sep 2018 22:24

Tgt Ion:240 Resp: 365140

Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.9	10.3
236	26.0	21.2	31.8



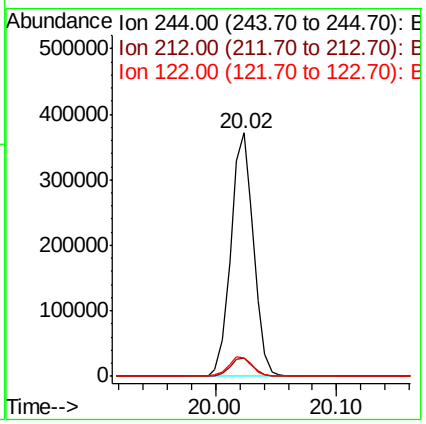


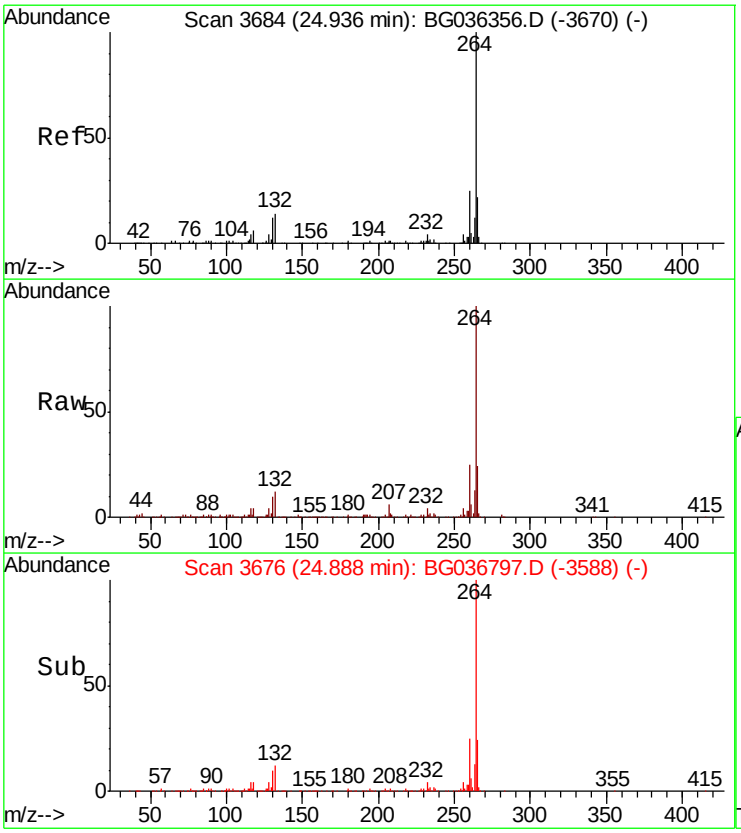
#78
Terphenyl-d14
Concen: 31.003 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG036797.D
Acq: 18 Sep 2018 22:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 484333

Ion	Ratio	Lower	Upper
244	100		
212	7.7	7.0	10.6
122	7.8	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: BG036797.D
Acq: 18 Sep 2018 22:24

Tgt Ion:264 Resp: 380217

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.6	29.4
265	23.8	17.4	26.0