Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
Data File : BG036560.D
Acq On : 5 Sep 2018 10:44
Operator : JU/SJ
Sample : J4759-16
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 05 11:22:45 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	8.06	152	62839	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	248720	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	163159	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	424747	20.00	ng	0.00
75) Chrysene-d12	21.69	240	443047	20.00	ng	0.00
86) Perylene-d12	24.90	264	434921	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	182	0.05	ng	0.00
7) Phenol-d6	7.21	99	3647	0.64	ng	0.00
23) Nitrobenzene-d5	9.22	82	424391	92.58	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	13.31	172	995729	87.14	ng	0.00
78) Terphenyl-d14	20.03	244	1528044	80.61	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	57081	13.466	ng	# 72
49) Dimethylphthalate	14.12	163	105498	7.919	ng	# 97
56) 2,4-Dinitrotoluene	14.68	165	20814	5.825	ng	# 20

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

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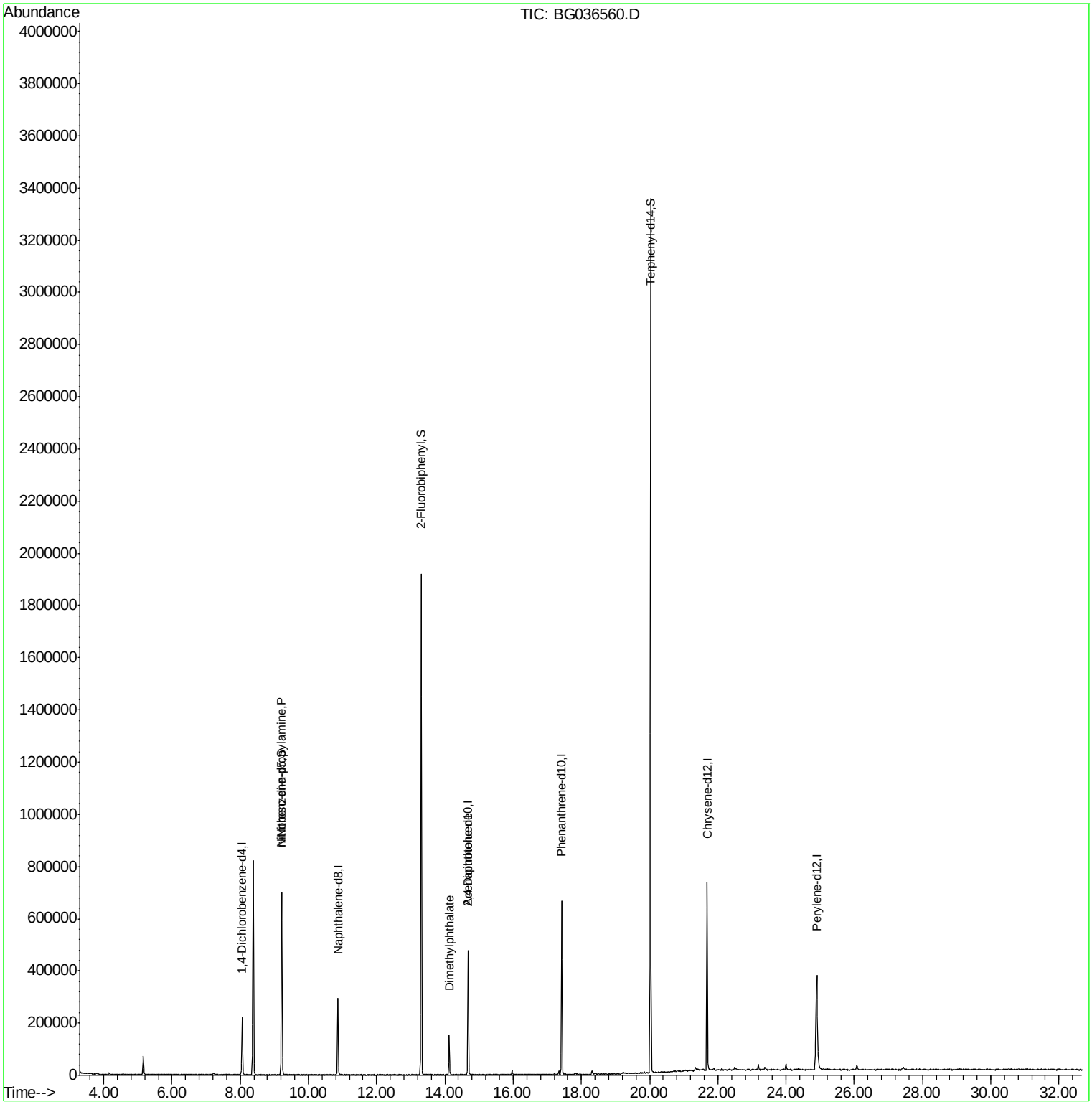
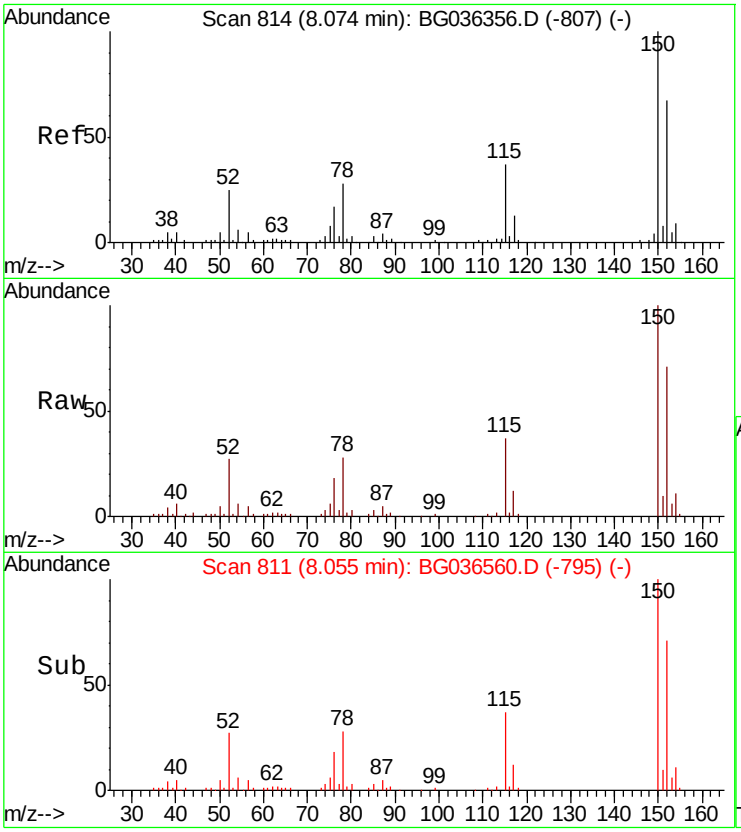


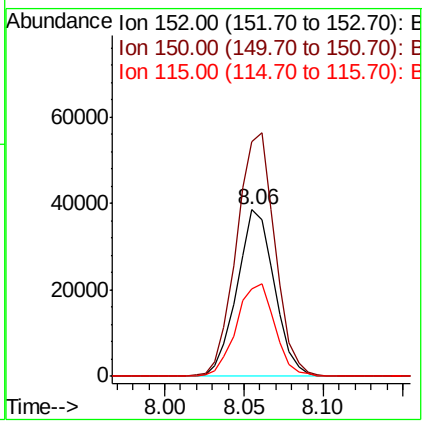


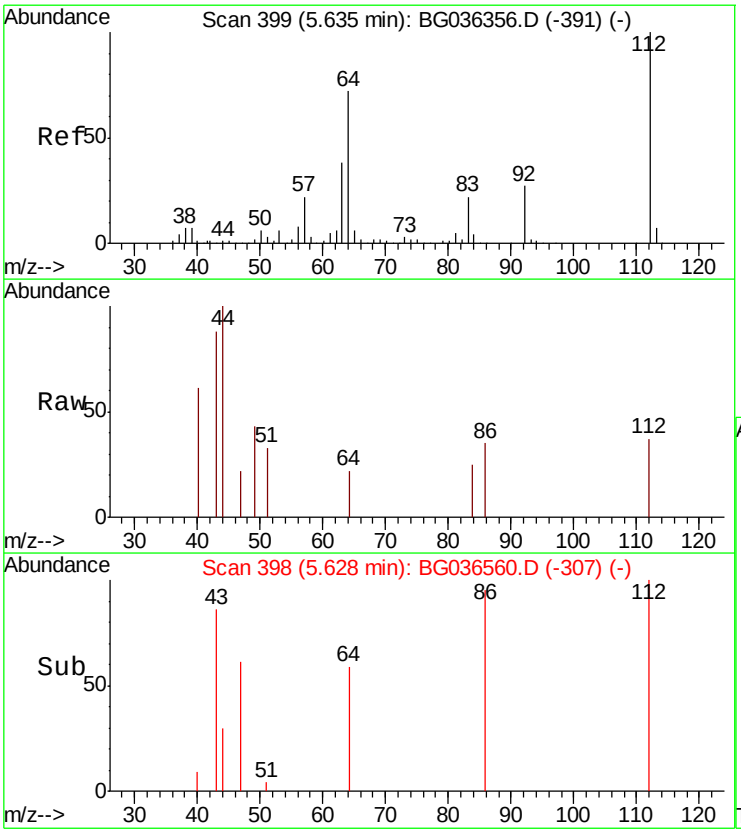
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036560.D
Acq: 5 Sep 2018 10:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 62839

Ion	Ratio	Lower	Upper
152	100		
150	140.8	119.5	179.3
115	52.6	44.5	66.7

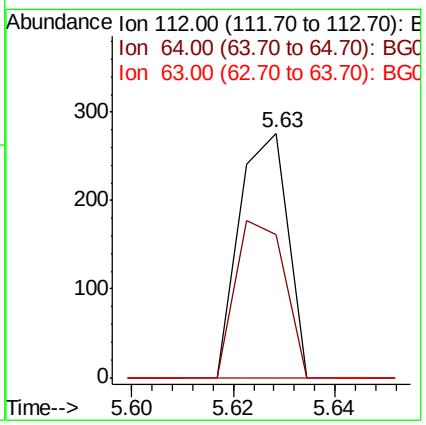


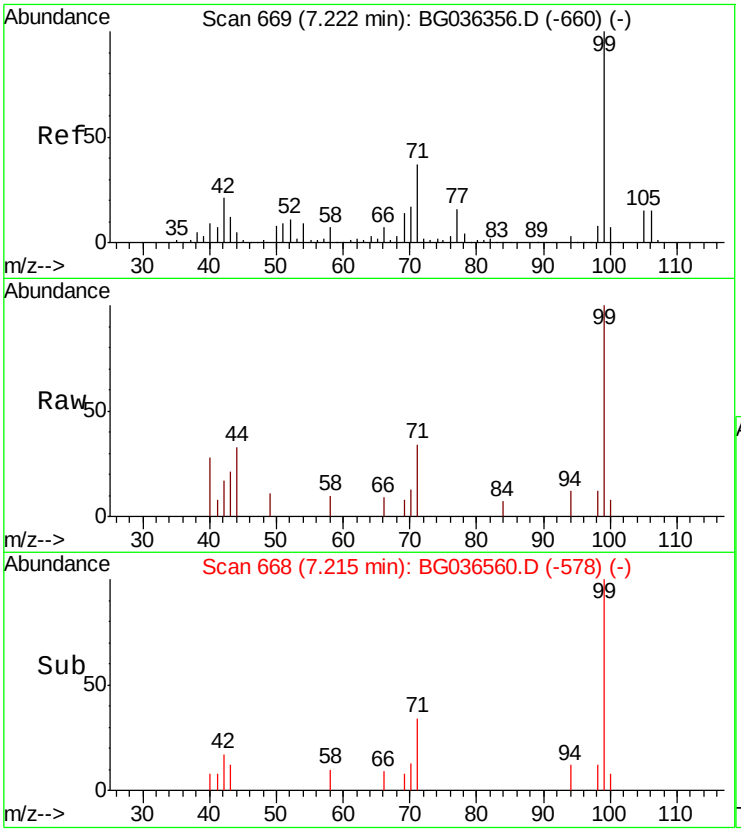


#5
2-Fluorophenol
Concen: 0.046 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036560.D
Acq: 5 Sep 2018 10:44

Tgt Ion:112 Resp: 182

Ion	Ratio	Lower	Upper
112	100		
64	58.7	57.2	85.8
63	0.0	30.8	46.2#



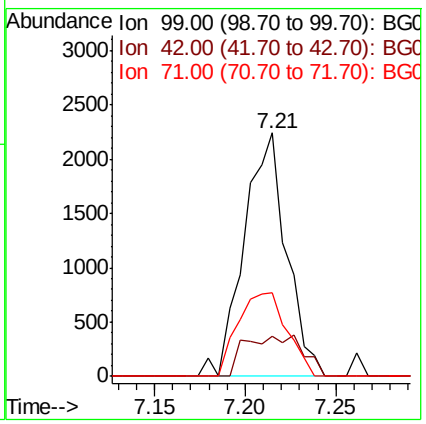


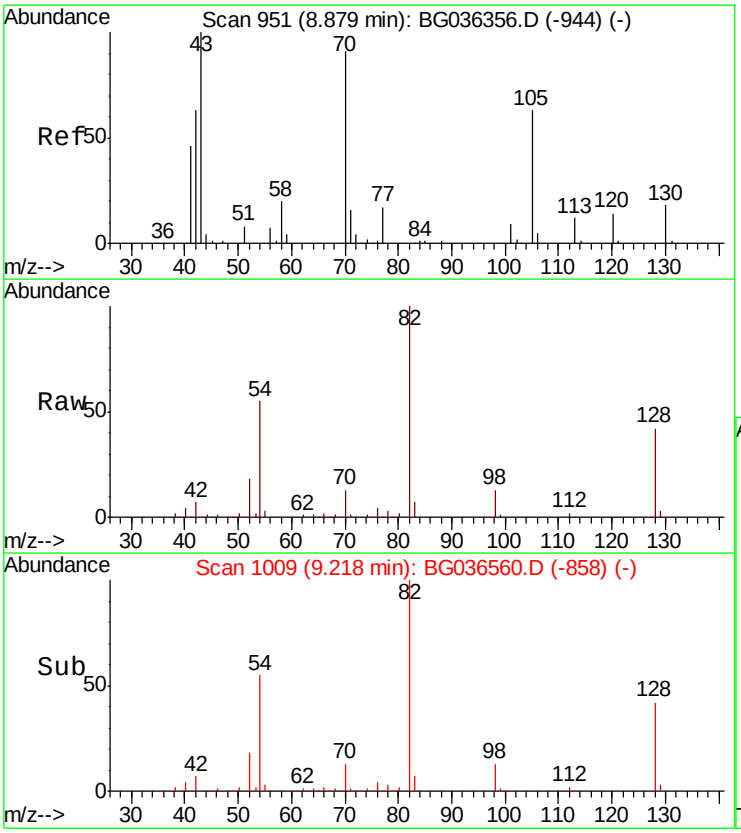
#7
Phenol-d6
Concen: 0.643 ng
RT: 7.21 min Scan# 668
Delta R.T. -0.00 min
Lab File: BG036560.D
Acq: 5 Sep 2018 10:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 3647

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

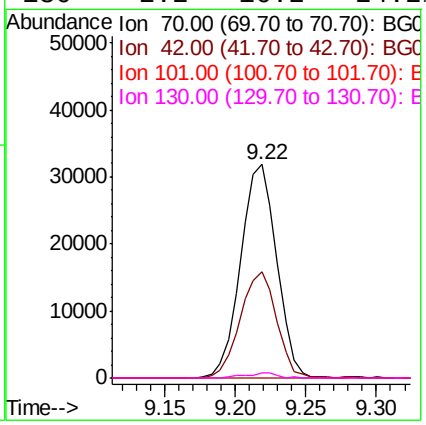


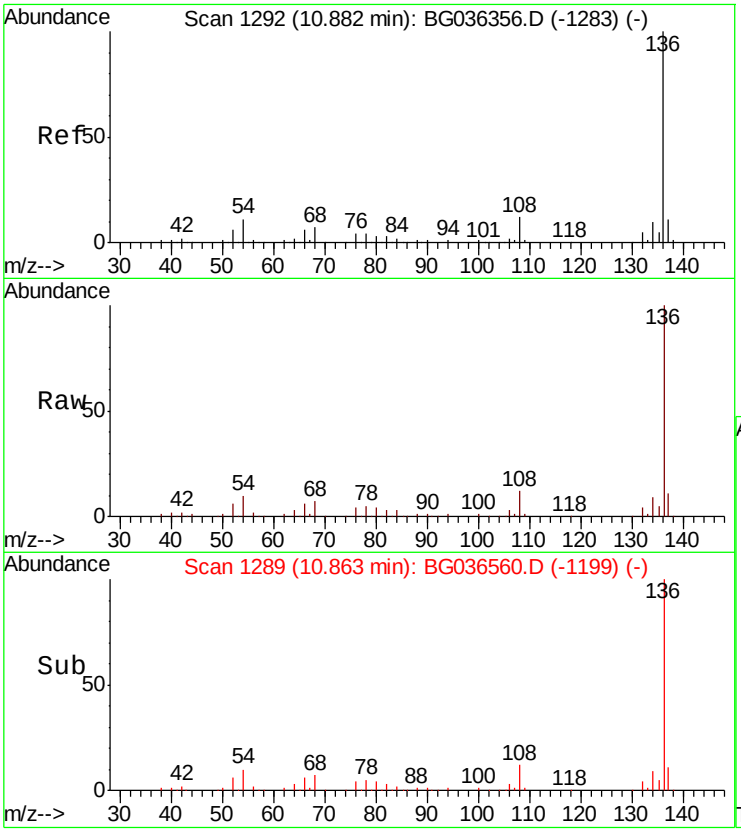


#19
n-Nitroso-di-n-propylamine
Concen: 13.466 ng
RT: 9.22 min Scan# 1009
Delta R.T. 0.36 min
Lab File: BG036560.D
Acq: 5 Sep 2018 10:44

Tgt Ion: 70 Resp: 57081

Ion	Ratio	Lower	Upper
70	100		
42	49.5	56.2	84.4#
101	0.0	7.8	11.6#
130	2.2	16.2	24.2#



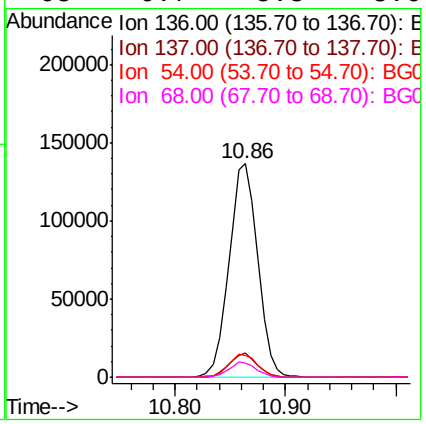


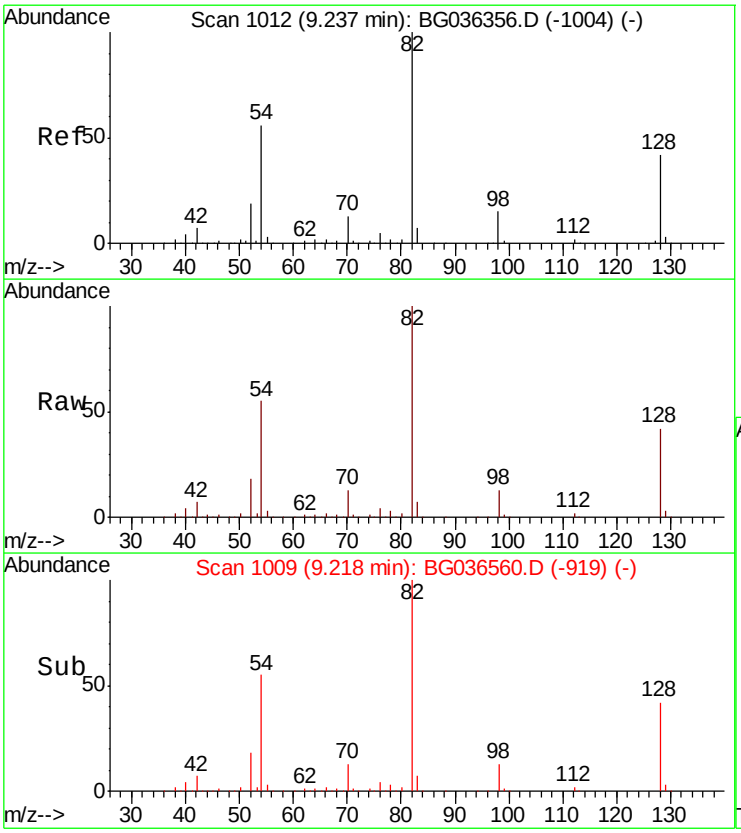
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036560.D
Acq: 5 Sep 2018 10:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 248720

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	10.3	9.2	13.8
68	6.7	5.8	8.6

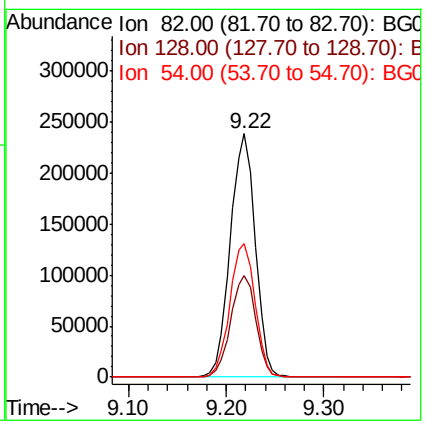


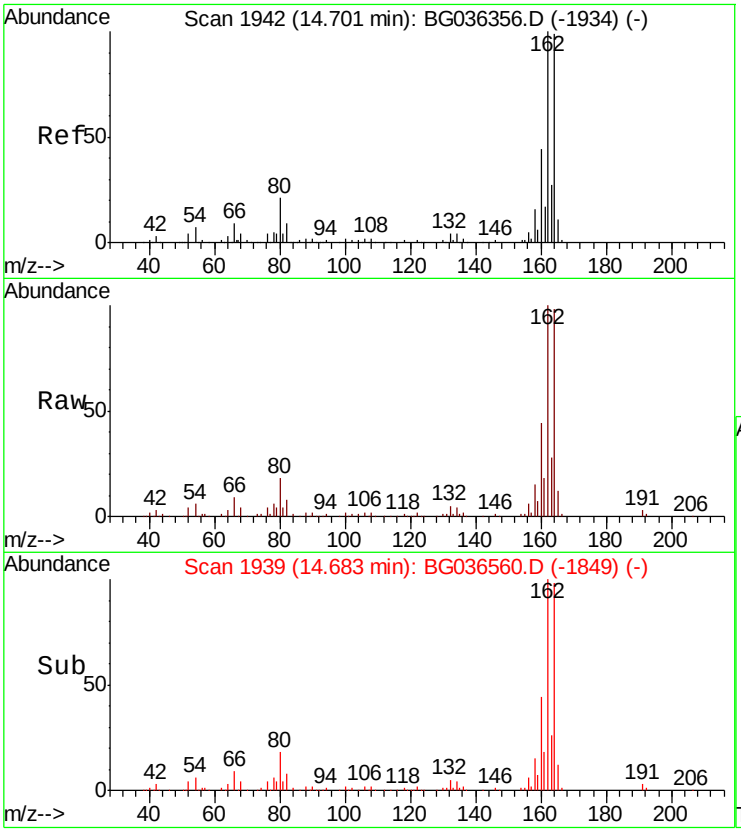


#23
Nitrobenzene-d5
Concen: 92.578 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036560.D
Acq: 5 Sep 2018 10:44

Tgt Ion: 82 Resp: 424391

Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.3	49.9
54	54.7	45.1	67.7



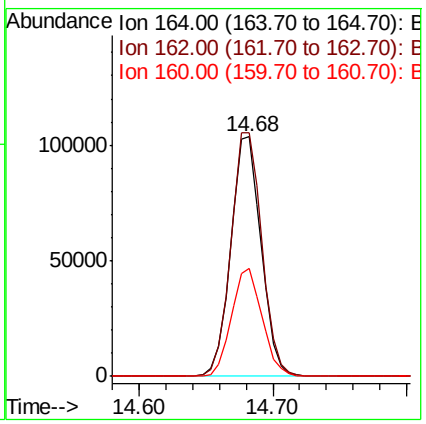


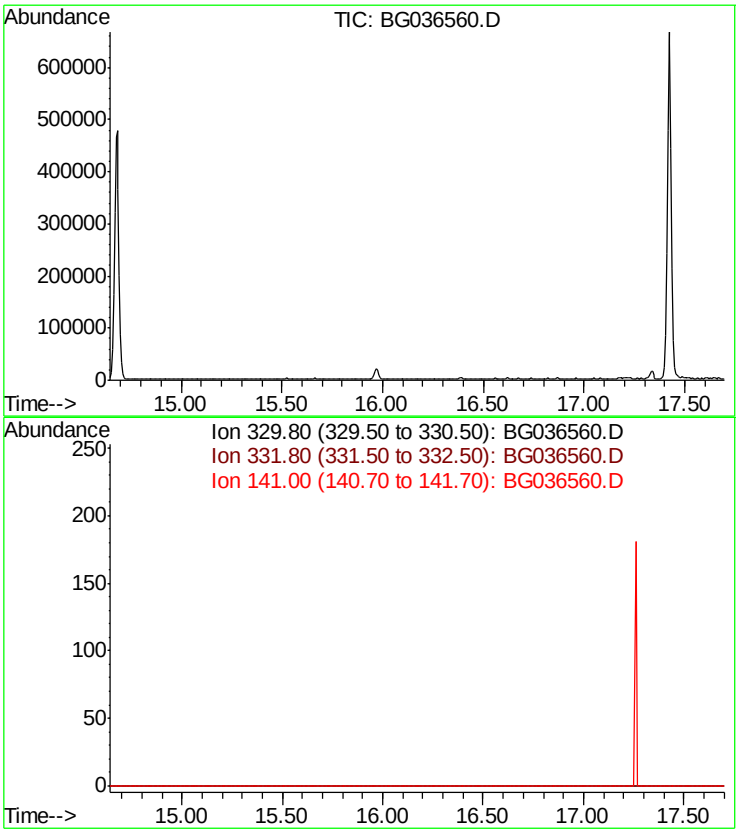
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG036560.D
Acq: 5 Sep 2018 10:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 163159

Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.7	121.1
160	45.3	35.3	52.9



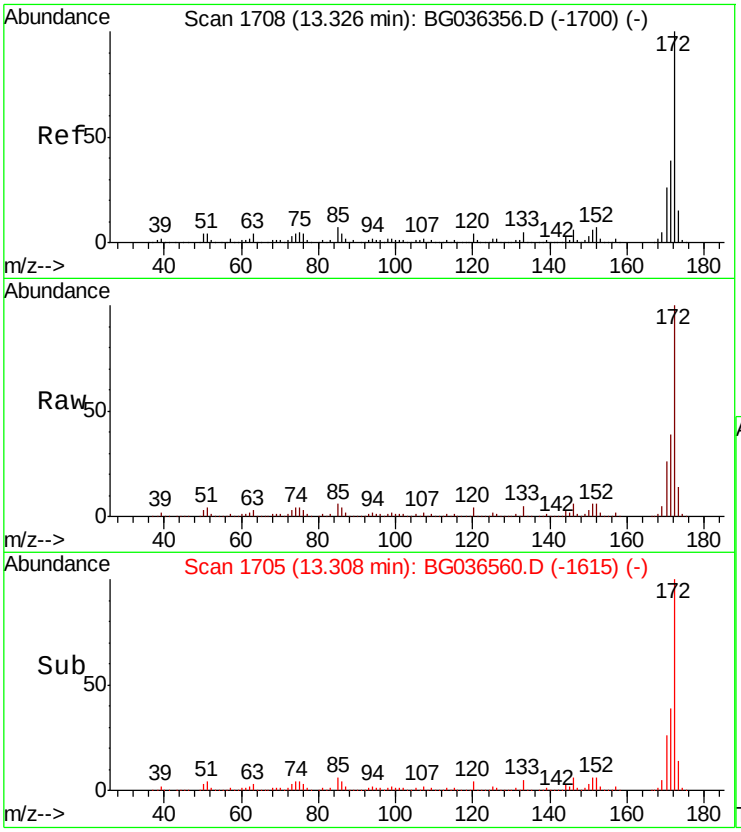


#41
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 16.17 min

Lab File: BG036560.D
Acq: 5 Sep 2018 10:44

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	94.3
141	38.4

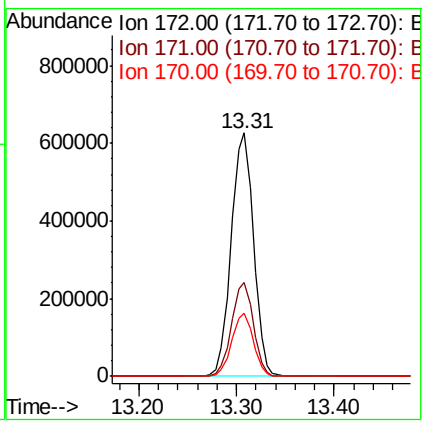


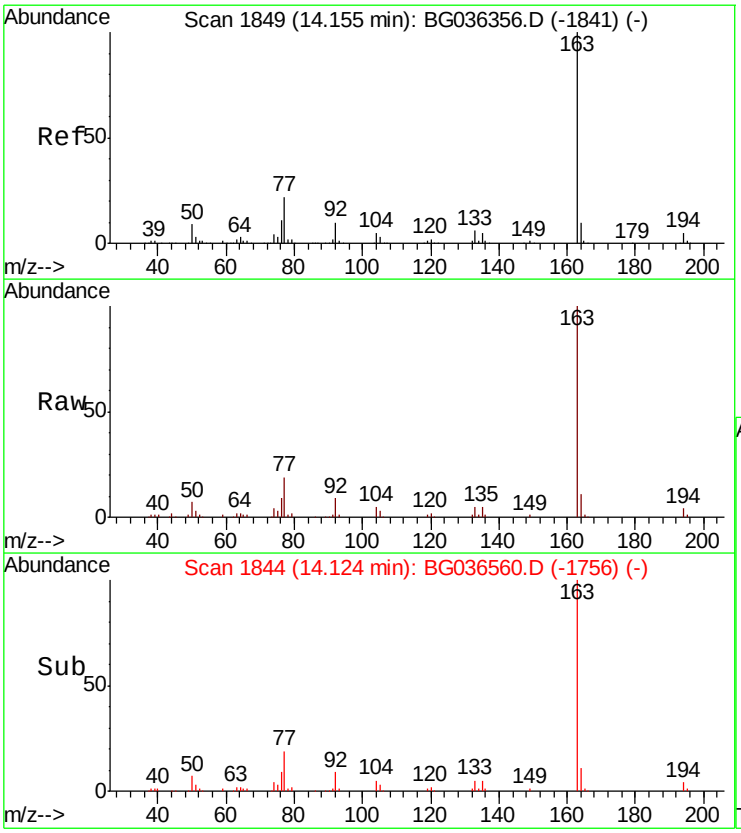
#44
2-Fluorobiphenyl
Concen: 87.137 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG036560.D
Acq: 5 Sep 2018 10:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 995729

Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.3	46.9
170	26.1	21.0	31.6

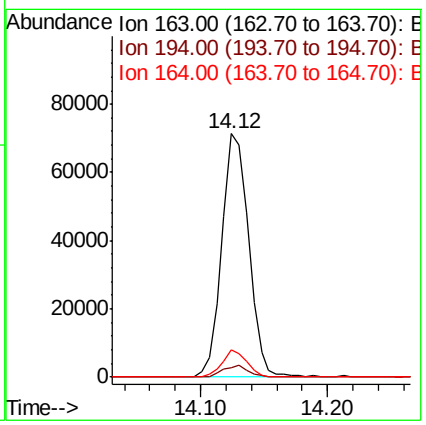


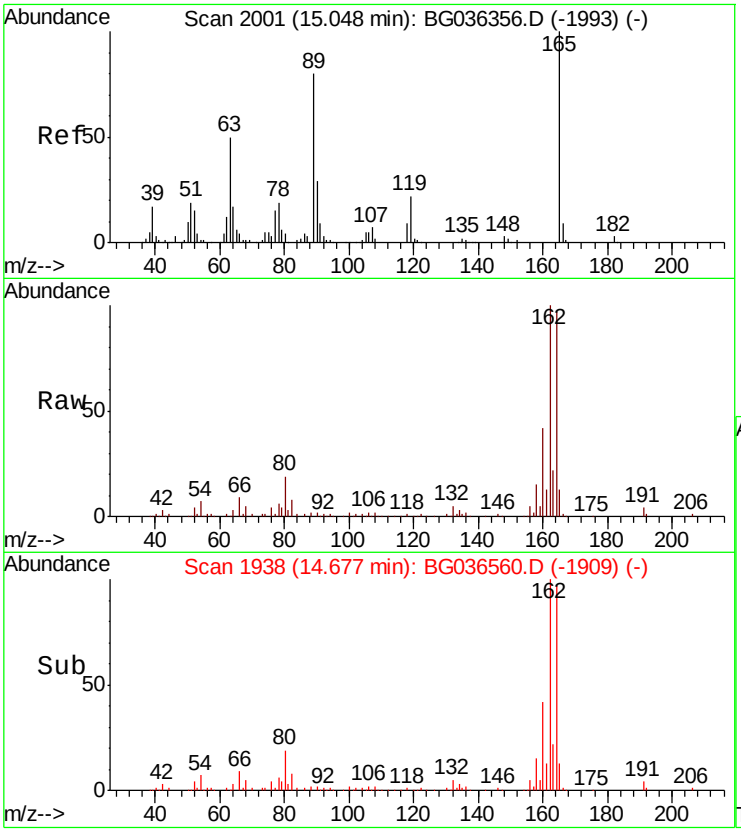


#49
Dimethylphthalate
Concen: 7.919 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BG036560.D
Acq: 5 Sep 2018 10:44

Tgt Ion:163 Resp: 105498

Ion	Ratio	Lower	Upper
163	100		
194	3.7	4.0	6.0#
164	11.1	8.1	12.1



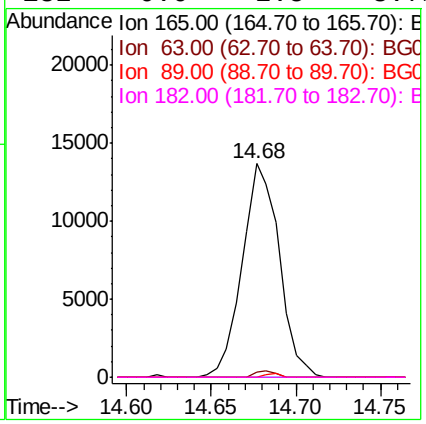


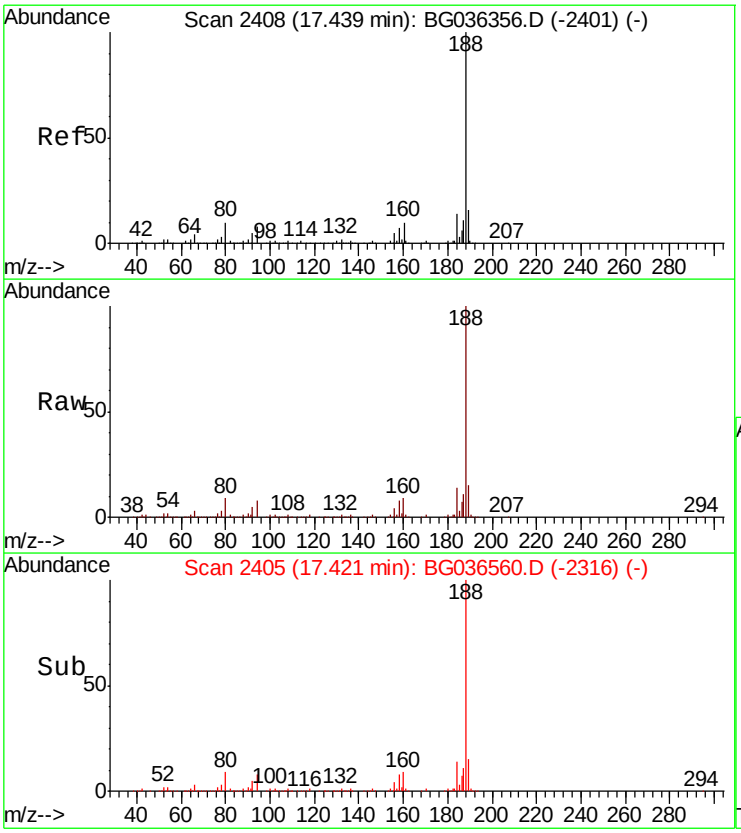
#56
2,4-Dinitrotoluene
Concen: 5.825 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.36 min
Lab File: BG036560.D
Acq: 5 Sep 2018 10:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 20814

Ion	Ratio	Lower	Upper
165	100		
63	2.7	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#

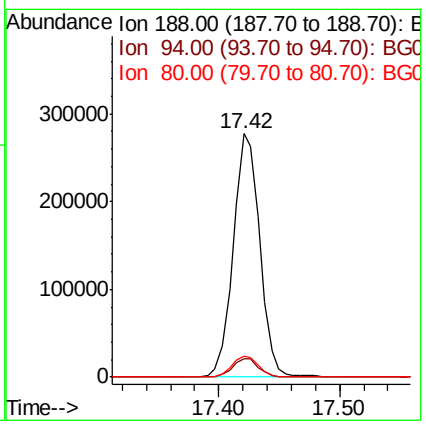


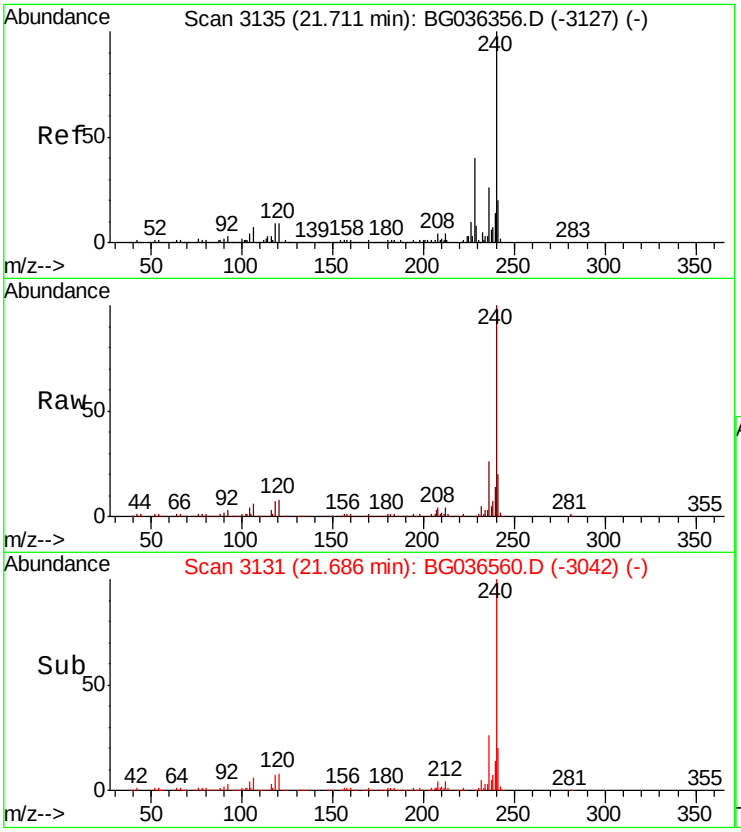


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036560.D
Acq: 5 Sep 2018 10:44

Tgt Ion:188 Resp: 424747

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.7	10.1
80	8.8	8.1	12.1



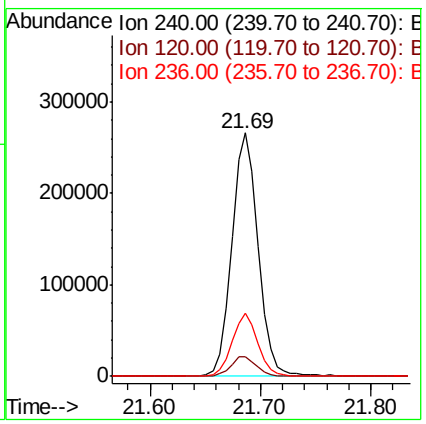


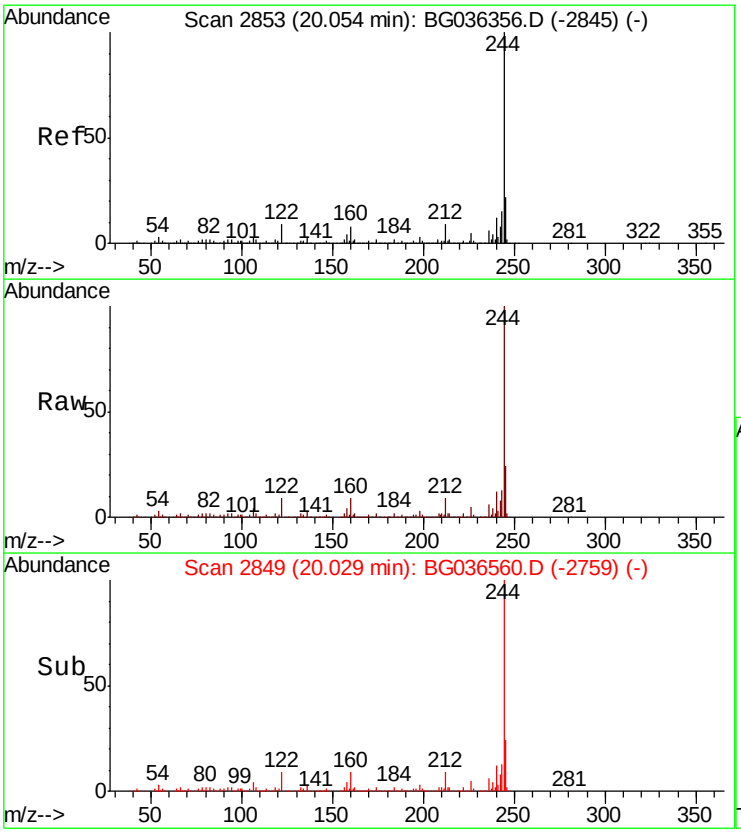
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036560.D
Acq: 5 Sep 2018 10:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 443047

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.9	10.3
236	26.1	21.2	31.8

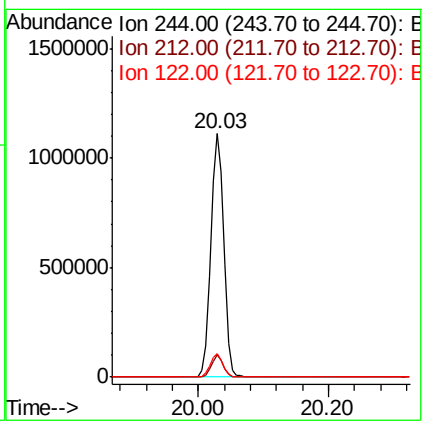


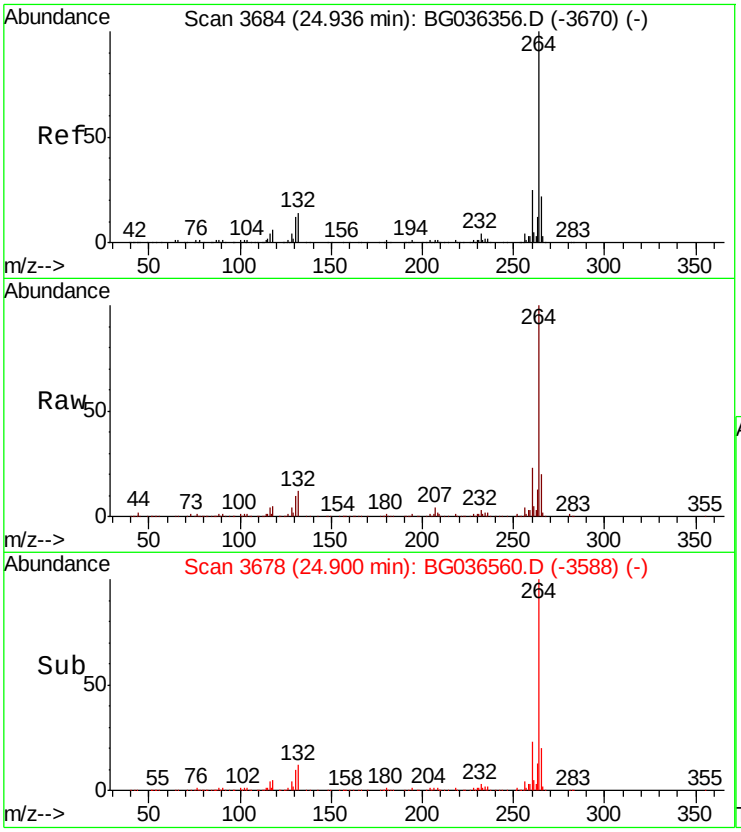


#78
Terphenyl-d14
Concen: 80.614 ng
RT: 20.03 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG036560.D
Acq: 5 Sep 2018 10:44

Tgt Ion:244 Resp: 1528044

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	9.5	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG036560.D
Acq: 5 Sep 2018 10:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 434921

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.6	29.4
265	19.6	17.4	26.0