Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
Data File : BG038112.D
Acq On : 21 Nov 2018 9:51
Operator : JU/SJ
Sample : J5999-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 21 10:37:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	37571	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	172907	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	109969	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	250806	20.00	ng	0.00
76) Chrysene-d12	21.75	240	239414	20.00	ng	0.00
87) Perylene-d12	25.07	264	223296	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	241677	111.06	ng	0.00
7) Phenol-d6	7.23	99	323837	104.26	ng	0.00
23) Nitrobenzene-d5	9.26	82	239428	74.12	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	75156	59.92	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	539086	71.42	ng	0.00
79) Terphenyl-d14	20.07	244	844082	82.96	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.26	70	29511	13.130	ng	# 76
51) 2,6-Dinitrotoluene	14.72	165	13860	7.024	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	13860	5.163	ng	# 24

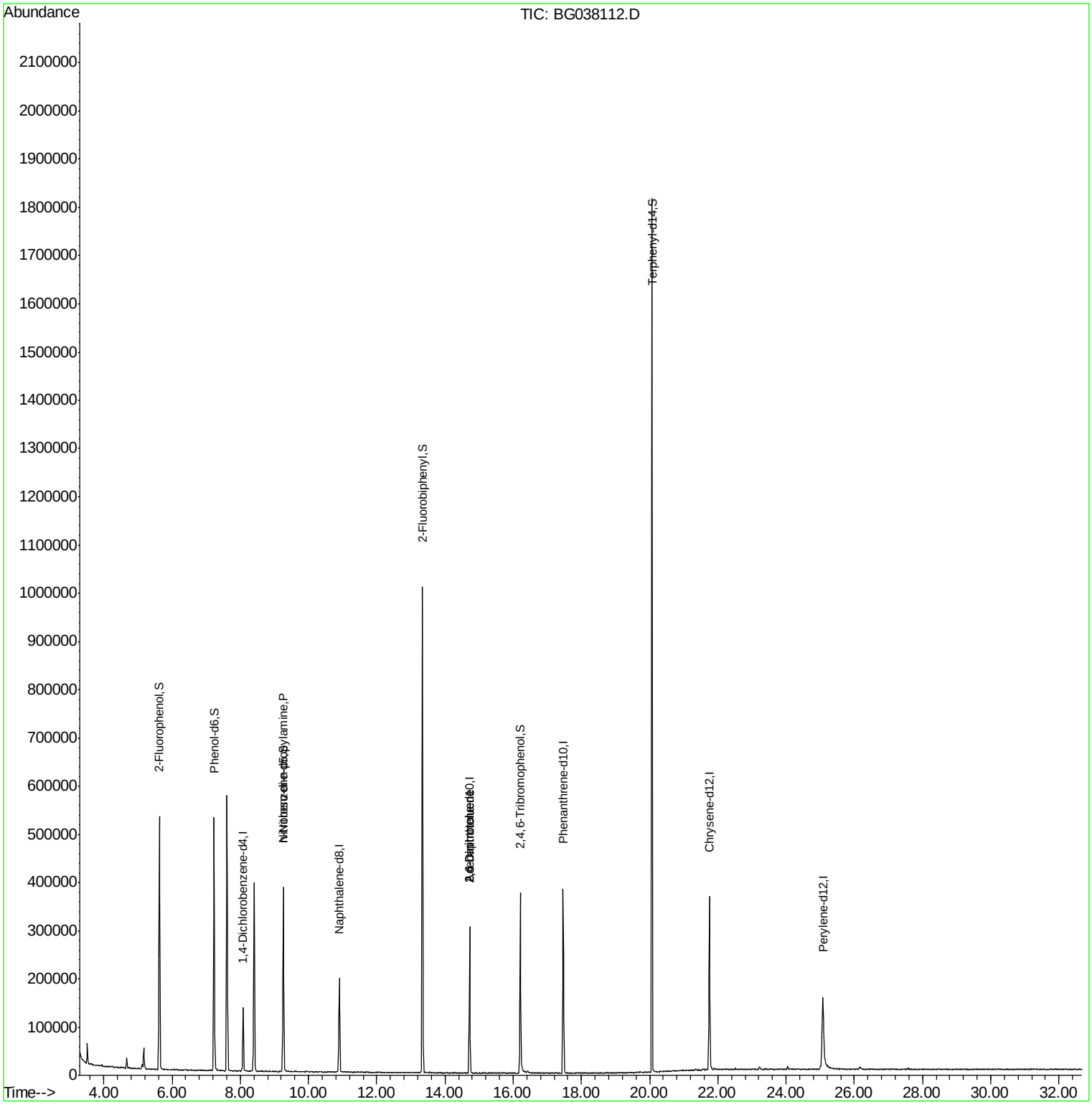
(#) = qualifier out of range (m) = manual integration (+) = signals summed

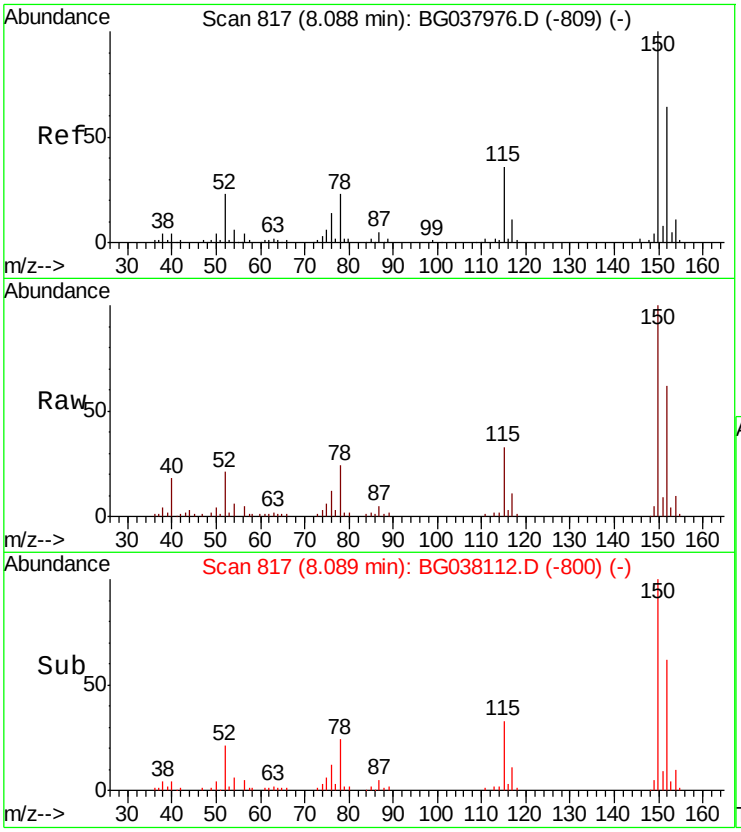
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
Data File : BG038112.D
Acq On : 21 Nov 2018 9:51
Operator : JU/SJ
Sample : J5999-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 21 10:37:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration



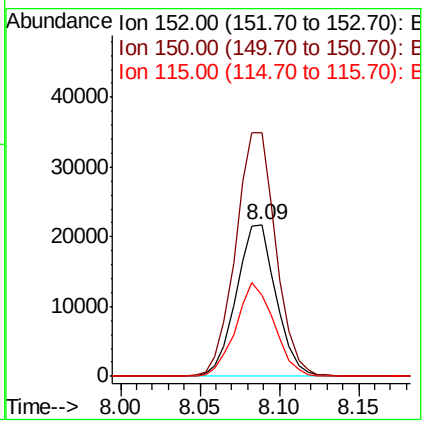


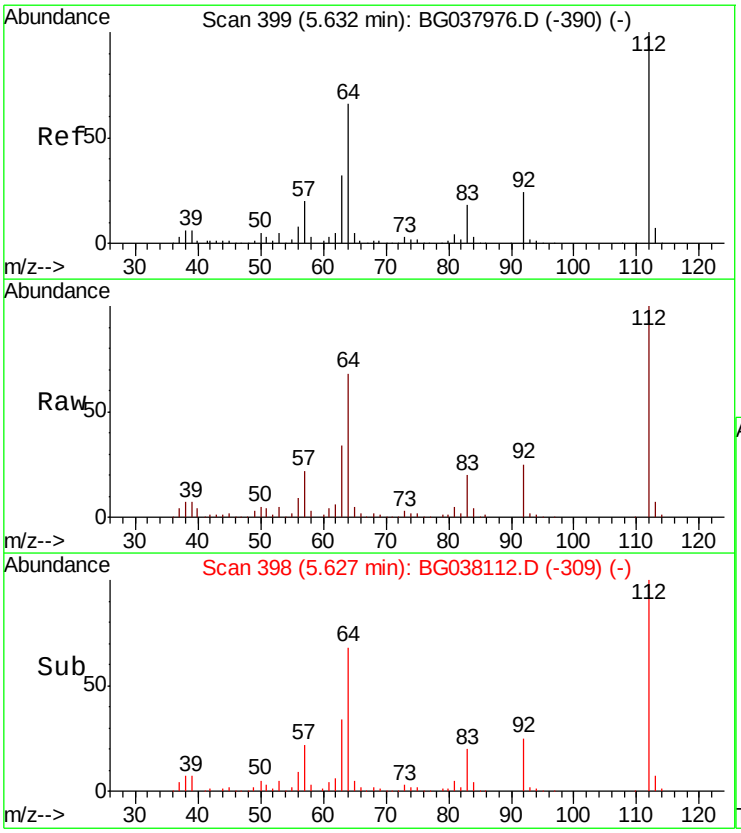
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG038112.D
Acq: 21 Nov 2018 9:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 37571

Ion	Ratio	Lower	Upper
152	100		
150	160.4	126.0	189.0
115	53.4	45.5	68.3

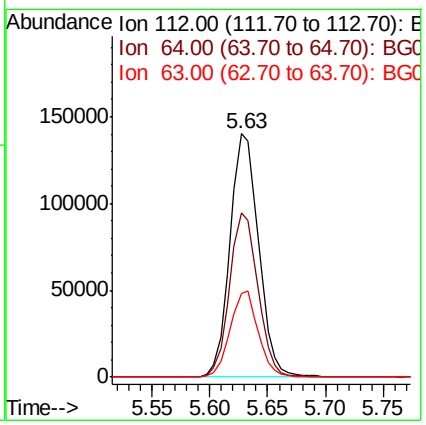


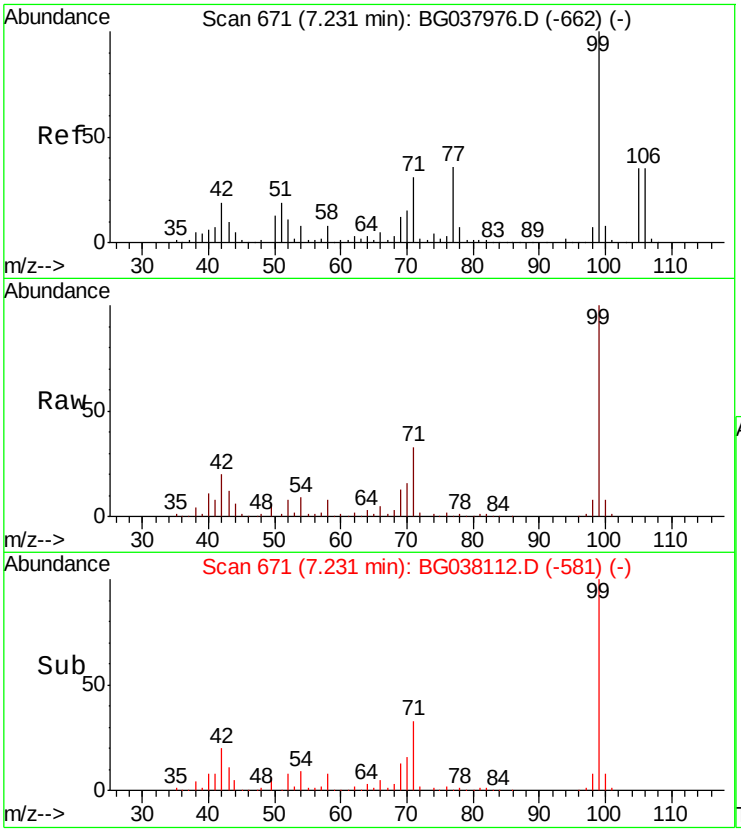


#5
2-Fluorophenol
Concen: 111.062 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG038112.D
Acq: 21 Nov 2018 9:51

Tgt Ion:112 Resp: 241677

Ion	Ratio	Lower	Upper
112	100		
64	67.7	53.1	79.7
63	34.1	27.3	40.9



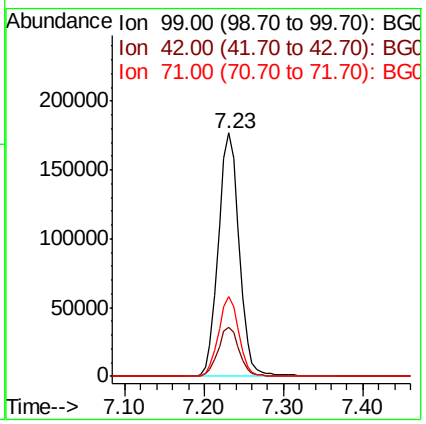


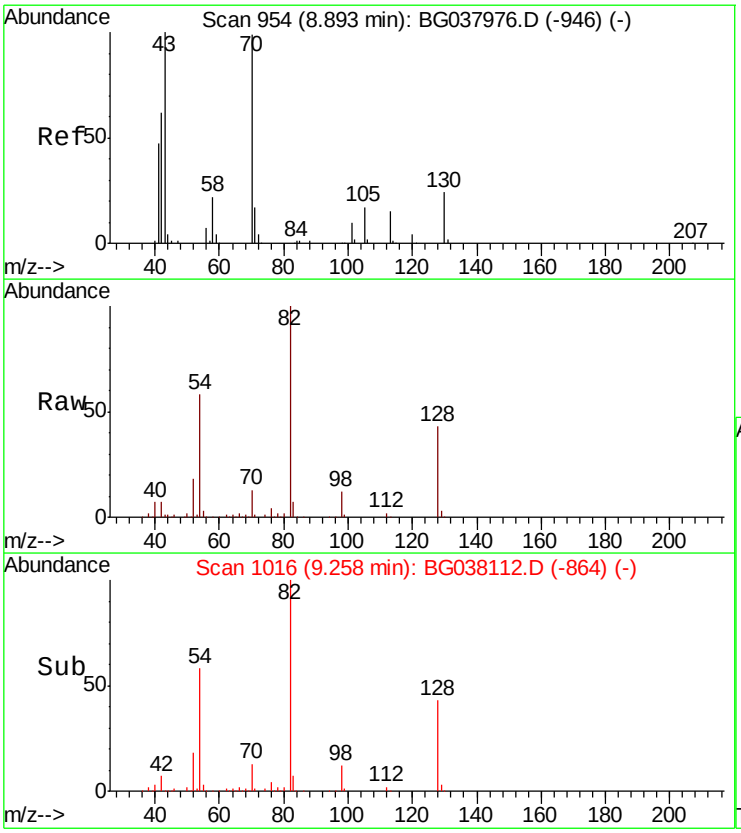
#7
Phenol-d6
Concen: 104.255 ng
RT: 7.23 min Scan# 671
Delta R.T. 0.00 min
Lab File: BG038112.D
Acq: 21 Nov 2018 9:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 323837

Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.0	22.4
71	33.0	25.5	38.3

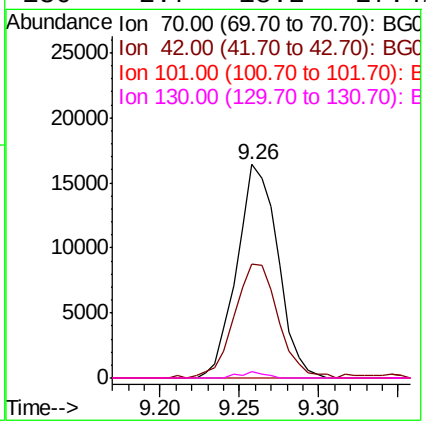


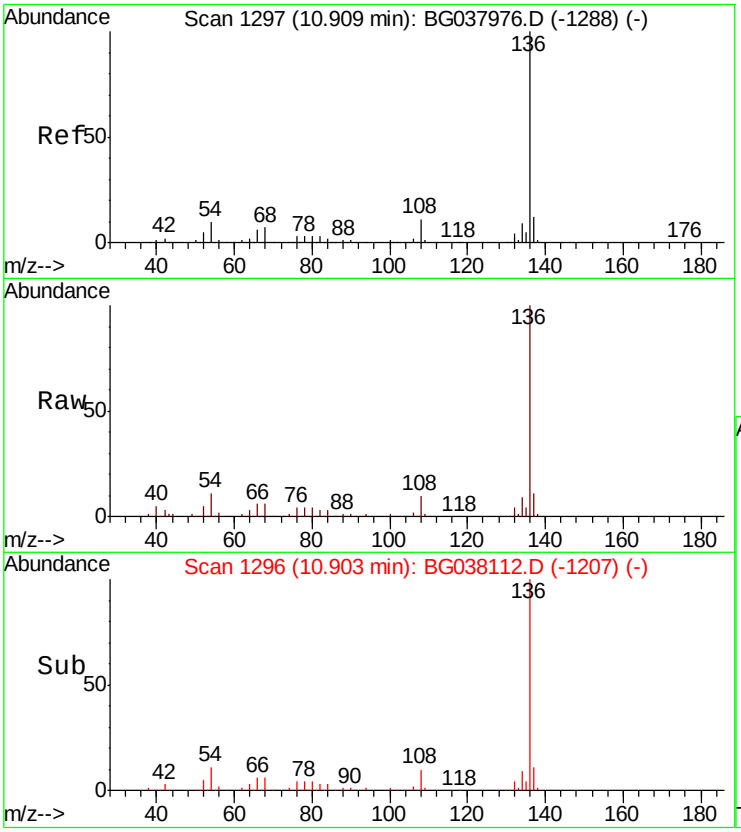


#19
n-Nitroso-di-n-propylamine
Concen: 13.130 ng
RT: 9.26 min Scan# 1016
Delta R.T. 0.36 min
Lab File: BG038112.D
Acq: 21 Nov 2018 9:51

Tgt Ion: 70 Resp: 29511

Ion	Ratio	Lower	Upper
70	100		
42	53.1	53.9	80.9#
101	0.0	8.2	12.2#
130	2.7	18.2	27.4#



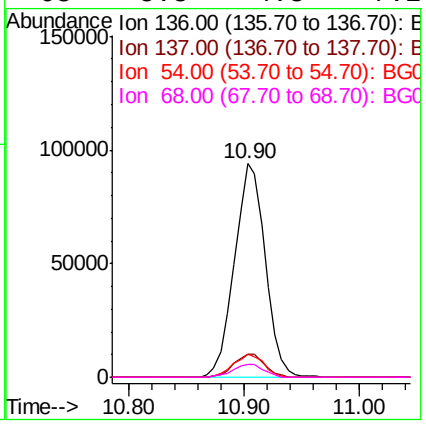


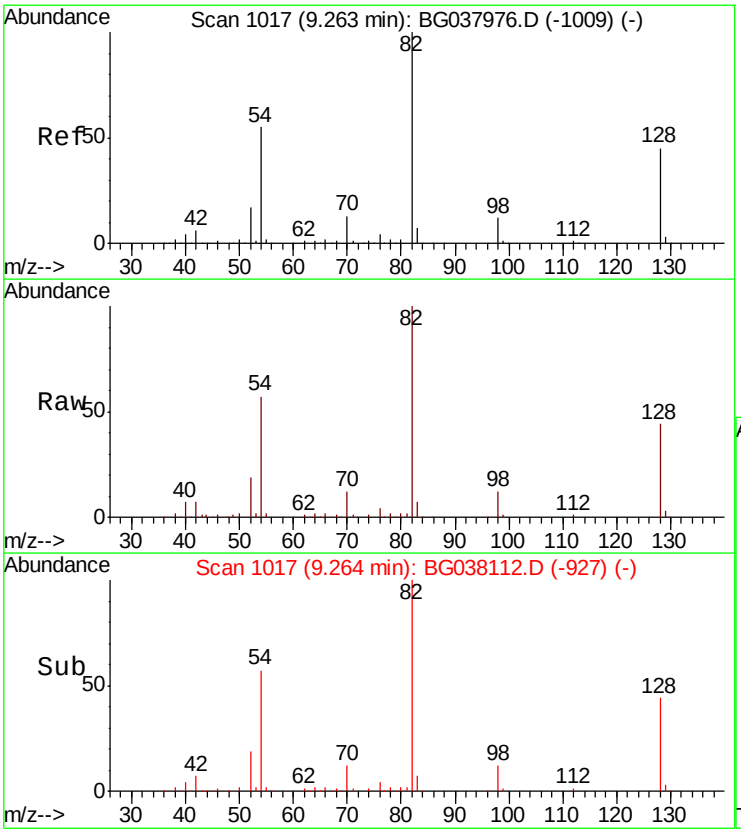
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038112.D
Acq: 21 Nov 2018 9:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 172907

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	11.0	7.9	11.9
68	5.8	4.8	7.2

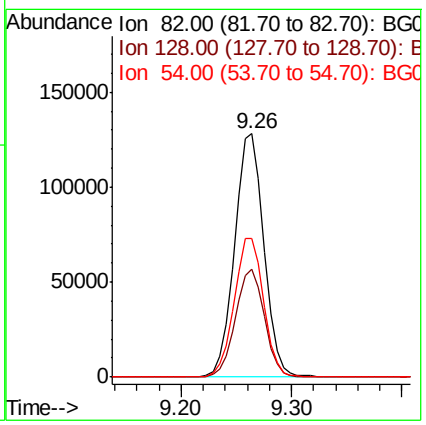


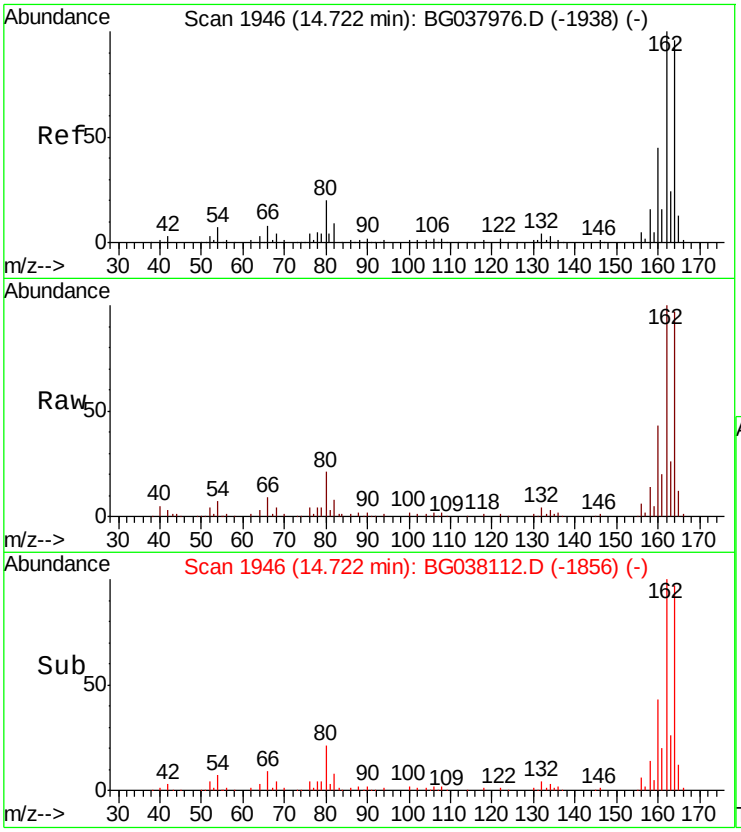


#23
Nitrobenzene-d5
Concen: 74.125 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038112.D
Acq: 21 Nov 2018 9:51

Tgt Ion: 82 Resp: 239428

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	51.8
54	57.0	45.3	67.9



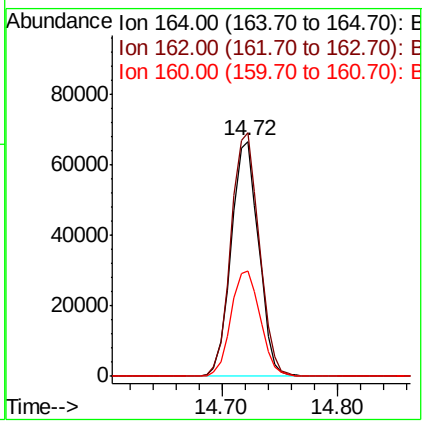


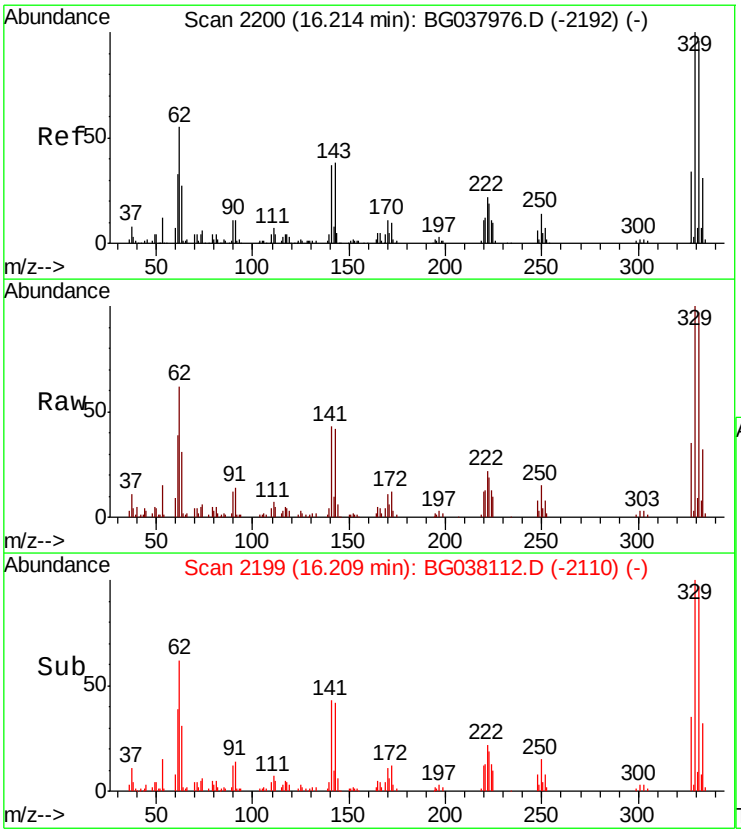
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG038112.D
Acq: 21 Nov 2018 9:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 109969

Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.3	121.9
160	44.9	36.3	54.5

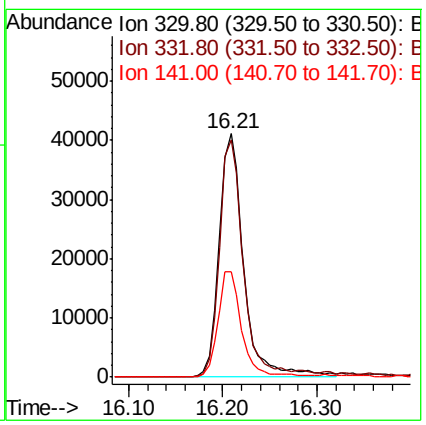


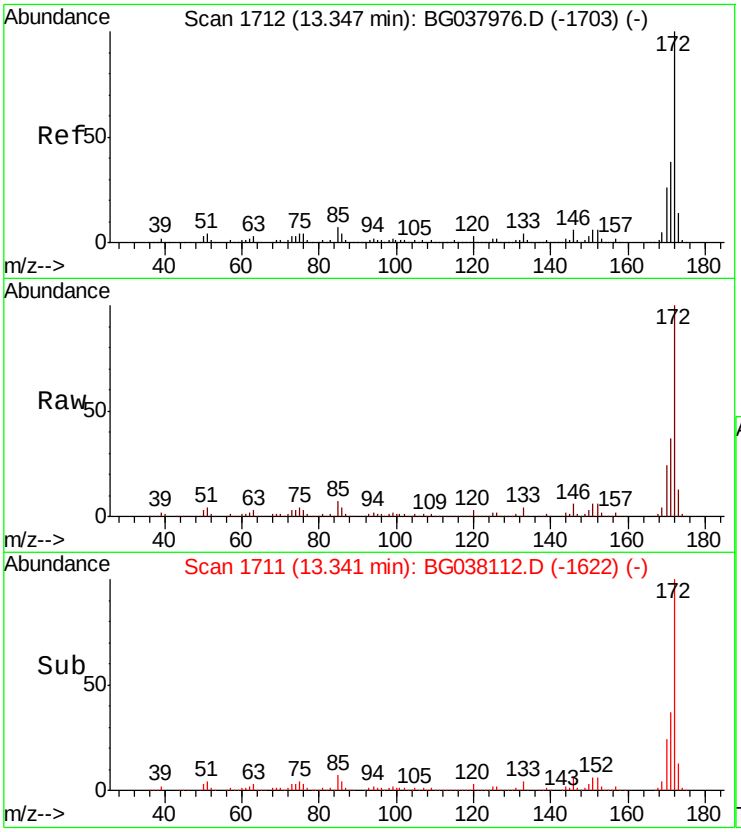


#42
2,4,6-Tribromophenol
Concen: 59.925 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG038112.D
Acq: 21 Nov 2018 9:51

Tgt Ion:330 Resp: 75156

Ion	Ratio	Lower	Upper
330	100		
332	94.7	78.4	117.6
141	41.6	32.2	48.2



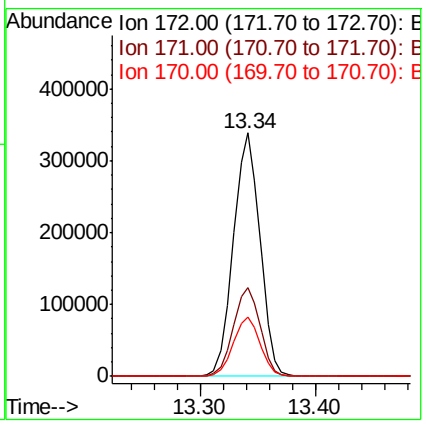


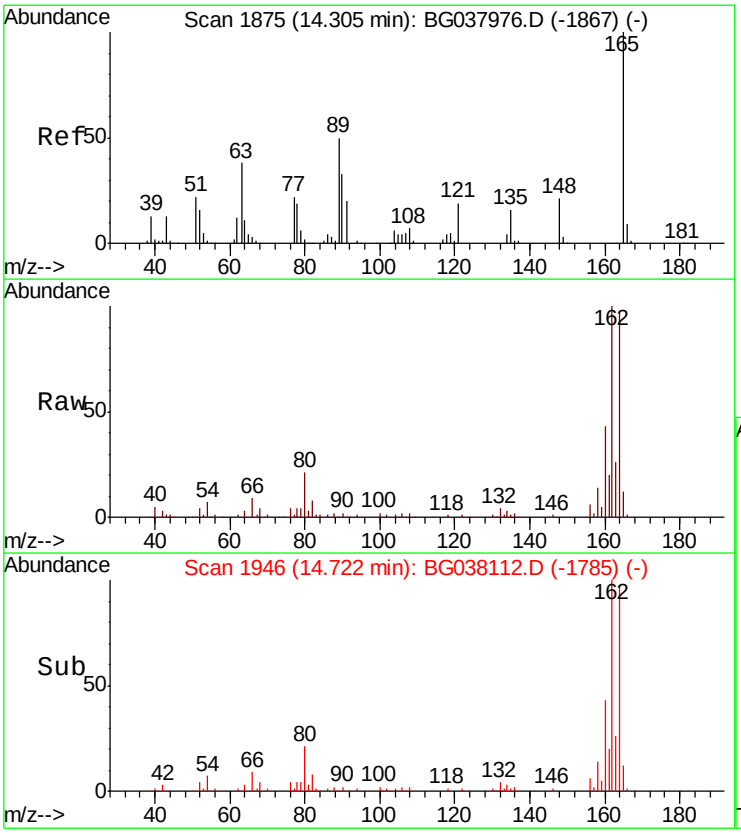
#45
2-Fluorobiphenyl
Concen: 71.417 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038112.D
Acq: 21 Nov 2018 9:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 539086

Ion	Ratio	Lower	Upper
172	100		
171	36.5	31.0	46.4
170	24.2	20.2	30.2

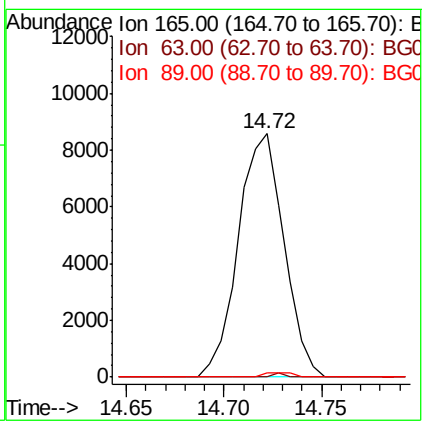


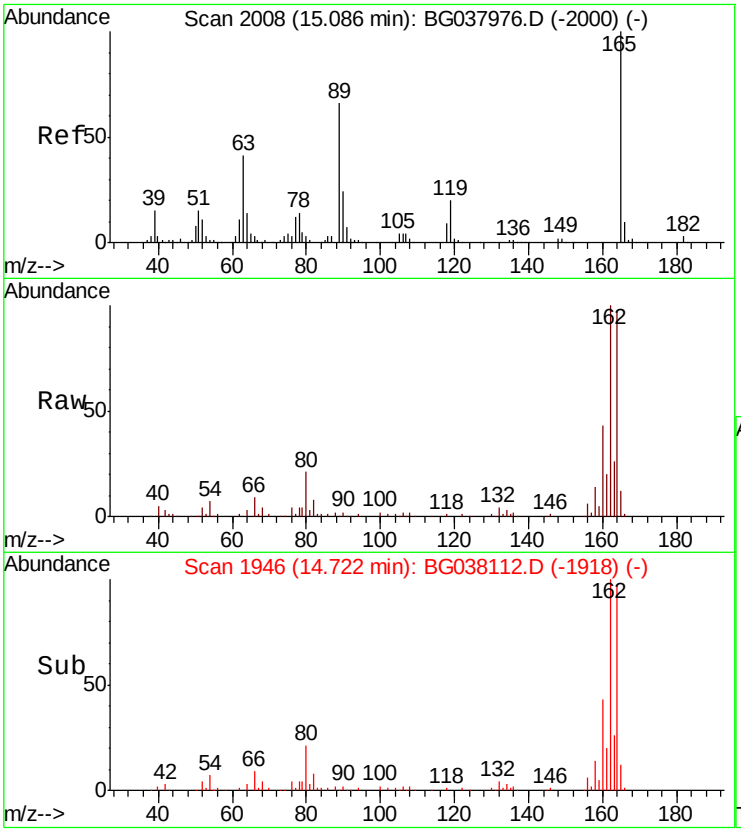


#51
2,6-Dinitrotoluene
Concen: 7.024 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.42 min
Lab File: BG038112.D
Acq: 21 Nov 2018 9:51

Tgt Ion:165 Resp: 13860

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	1.8	45.8	68.6#



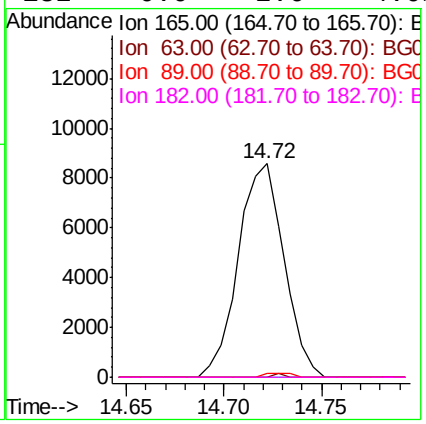


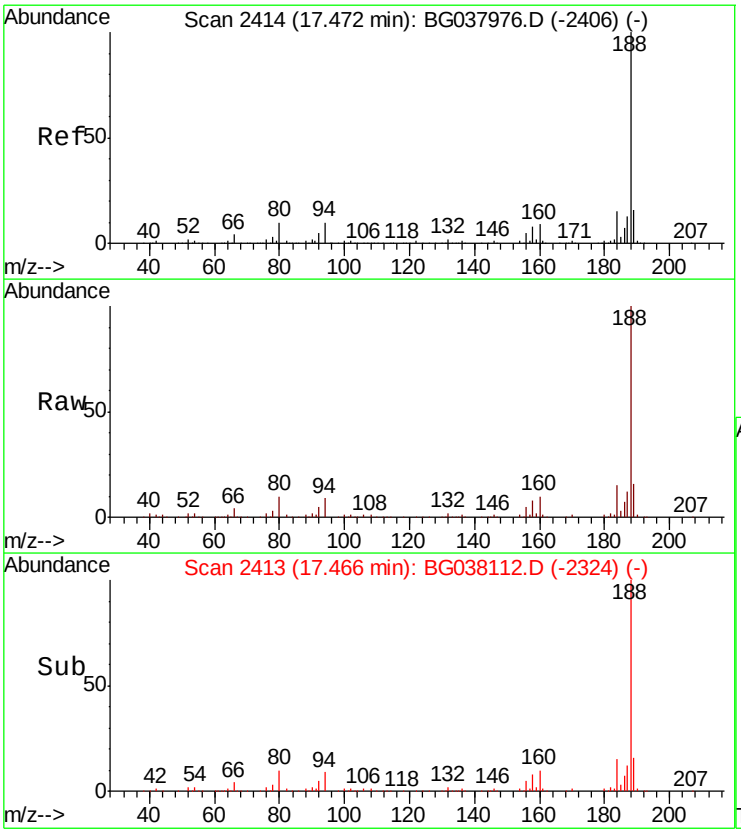
#57
2,4-Dinitrotoluene
Concen: 5.163 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.36 min
Lab File: BG038112.D
Acq: 21 Nov 2018 9:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 13860

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.8	57.2	85.8#
182	0.0	2.6	4.0#

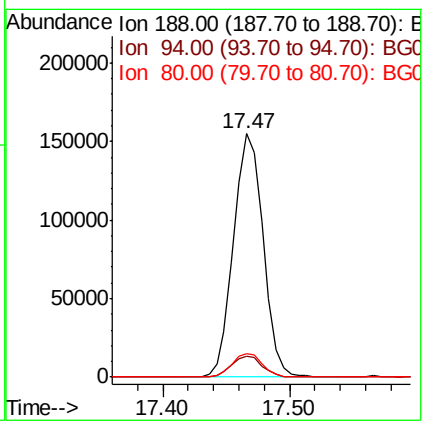


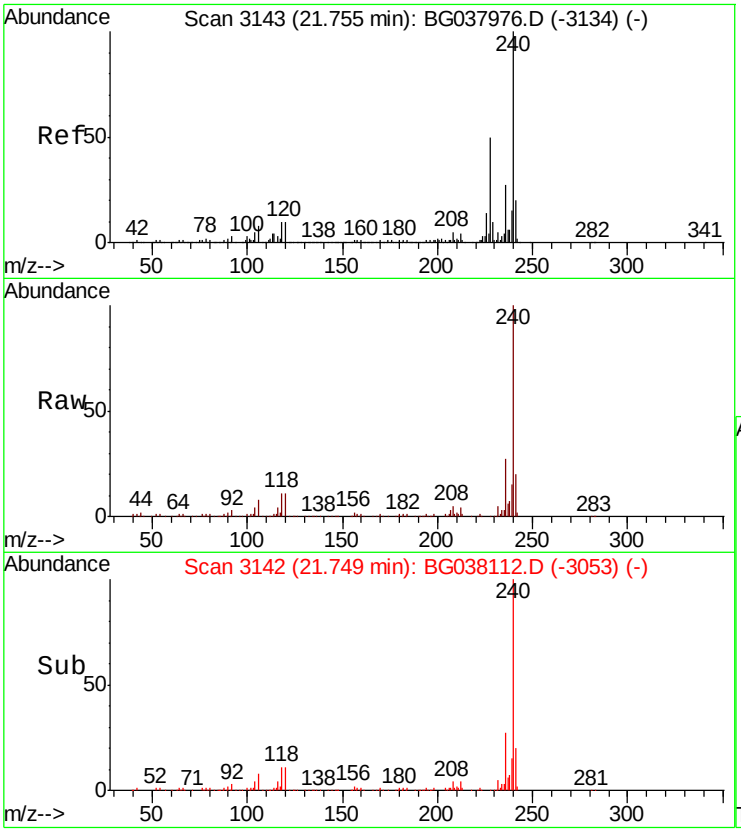


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038112.D
Acq: 21 Nov 2018 9:51

Tgt Ion:188 Resp: 250806

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.8	7.7	11.5



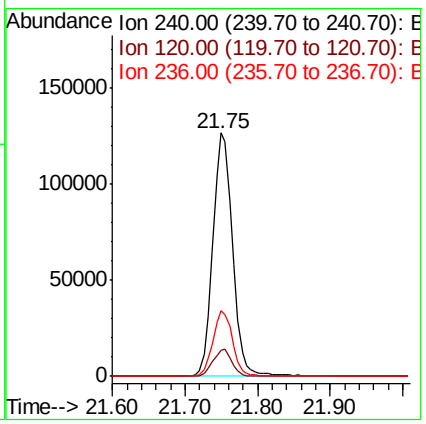


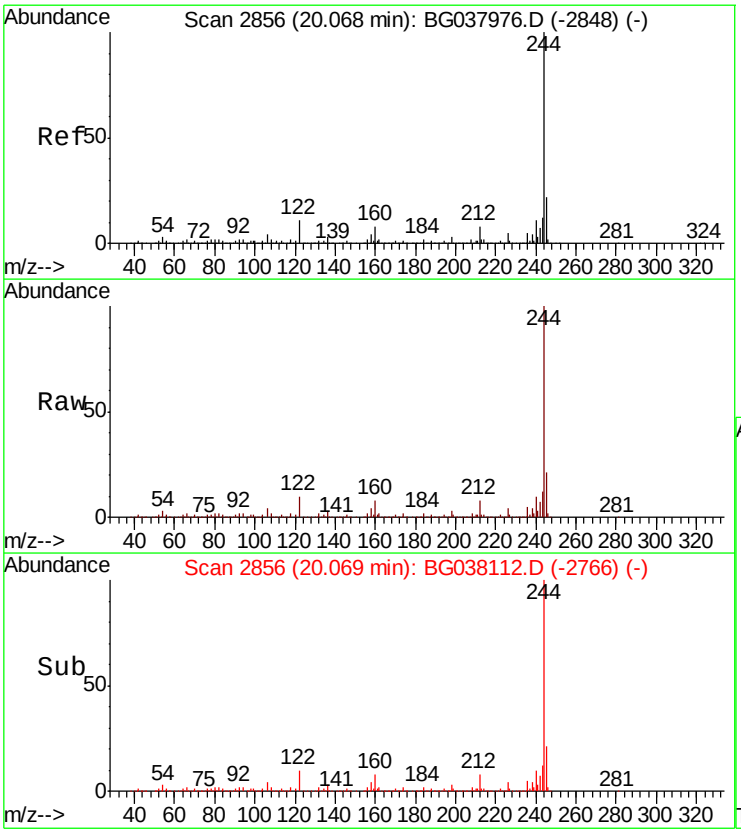
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG038112.D
Acq: 21 Nov 2018 9:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 239414

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.1	12.1
236	26.8	21.4	32.0

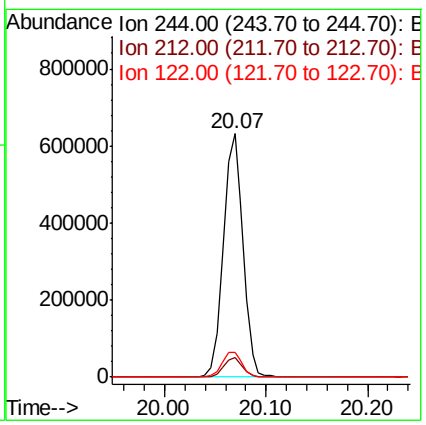


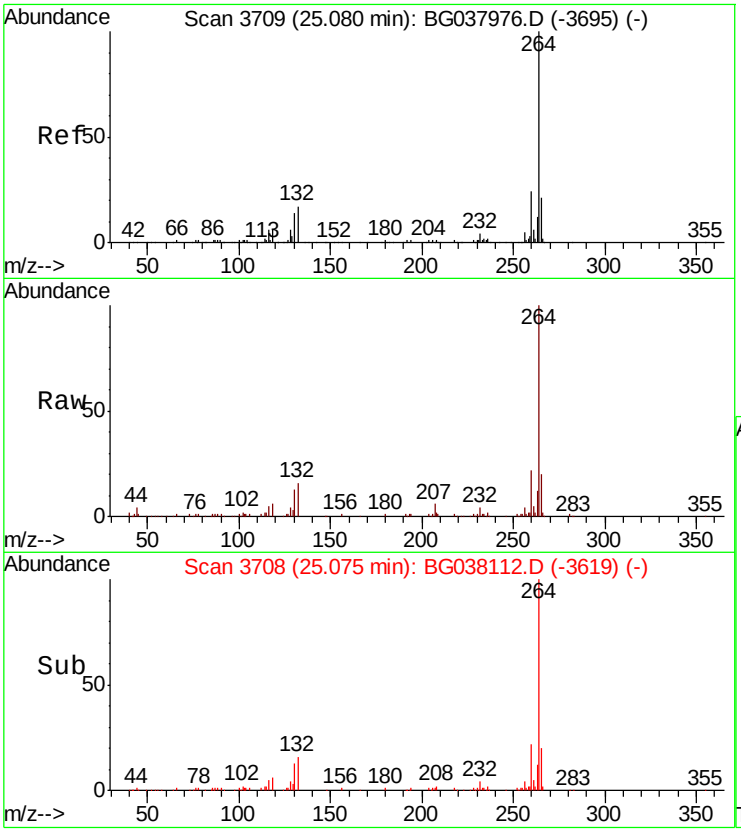


#79
Terphenyl-d14
Concen: 82.958 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG038112.D
Acq: 21 Nov 2018 9:51

Tgt Ion:244 Resp: 844082

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	9.9	9.0	13.4

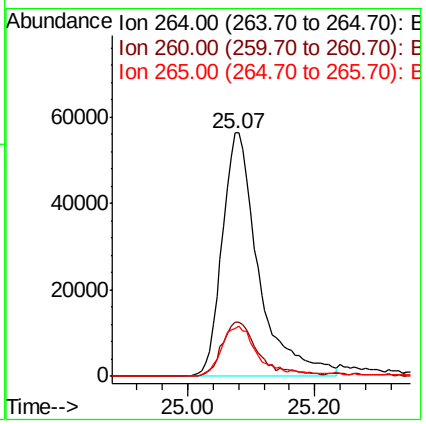




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG038112.D
Acq: 21 Nov 2018 9:51

Tgt Ion:264 Resp: 223296

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.2	27.4
265	19.9	17.9	26.9



Instrument :
BNA_G
ClientSampleId :