Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
Data File : BG042786.D
Acq On : 12 Sep 2019 17:39
Operator : HP/JU
Sample : PB122965TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 13 07:01:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	130577	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	504567	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	341801	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	823482	20.00	ng	0.00
76) Chrysene-d12	21.76	240	910431	20.00	ng	0.00
87) Perylene-d12	25.03	264	969593	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	525118	69.92	ng	0.00
7) Phenol-d6	7.27	99	754734	70.01	ng	0.00
23) Nitrobenzene-d5	9.28	82	460501	47.52	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	314174	69.09	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1044024	48.35	ng	0.00
79) Terphenyl-d14	20.09	244	1964851	47.83	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.28	70	65542	8.251	ng	# 69
51) 2,6-Dinitrotoluene	14.74	165	46800	8.908	ng	# 19
57) 2,4-Dinitrotoluene	14.74	165	46800	6.683	ng	# 22
67) 4-Bromophenyl-phenylether	16.22	248	22171	2.224	ng	# 1

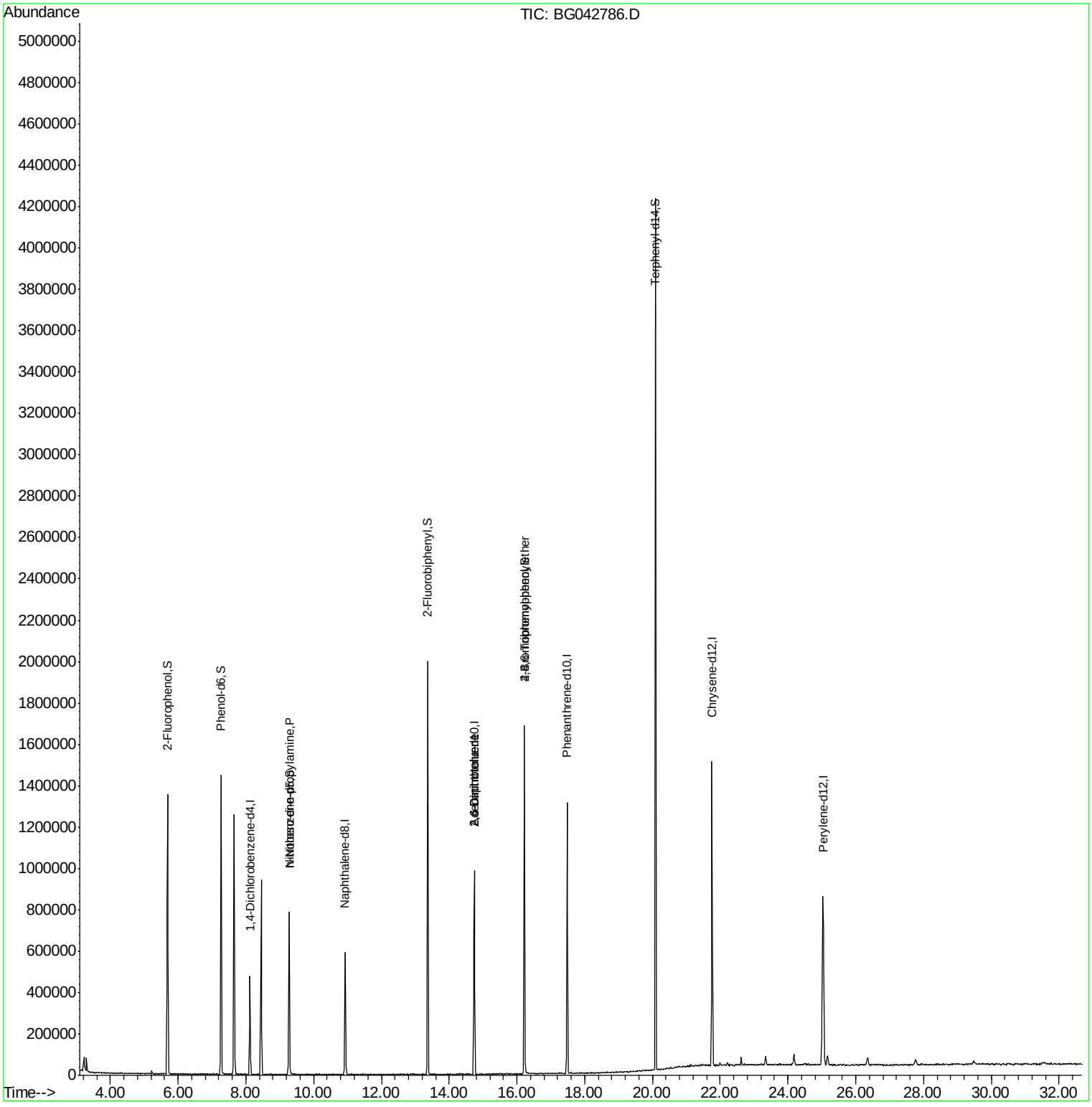
(#) = qualifier out of range (m) = manual integration (+) = signals summed

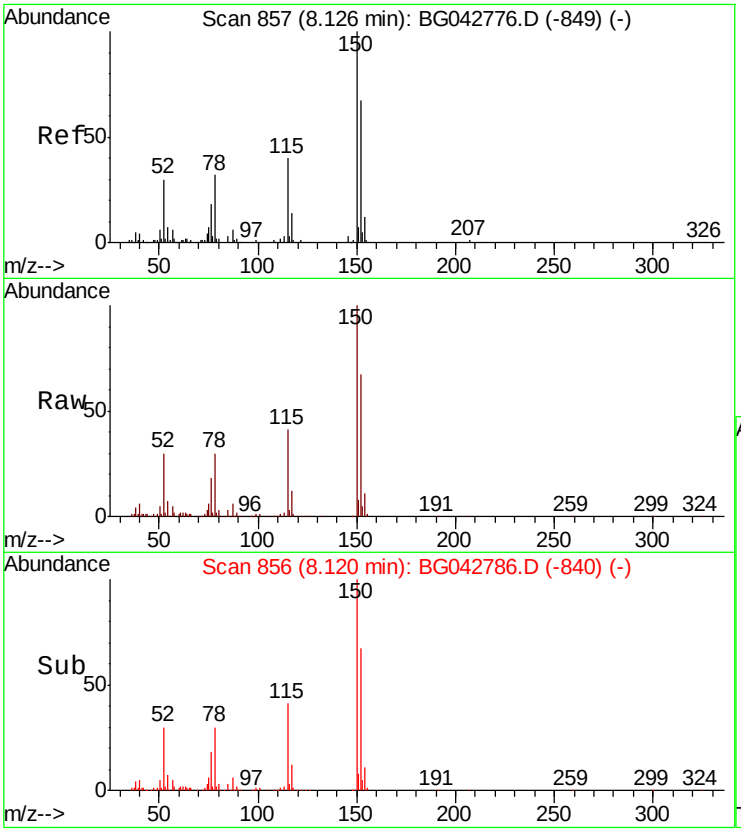
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
Data File : BG042786.D
Acq On : 12 Sep 2019 17:39
Operator : HP/JU
Sample : PB122965TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 13 07:01:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration



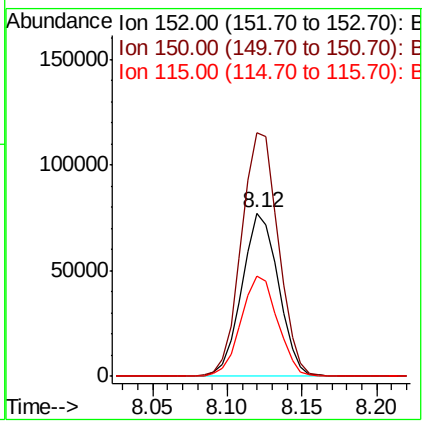


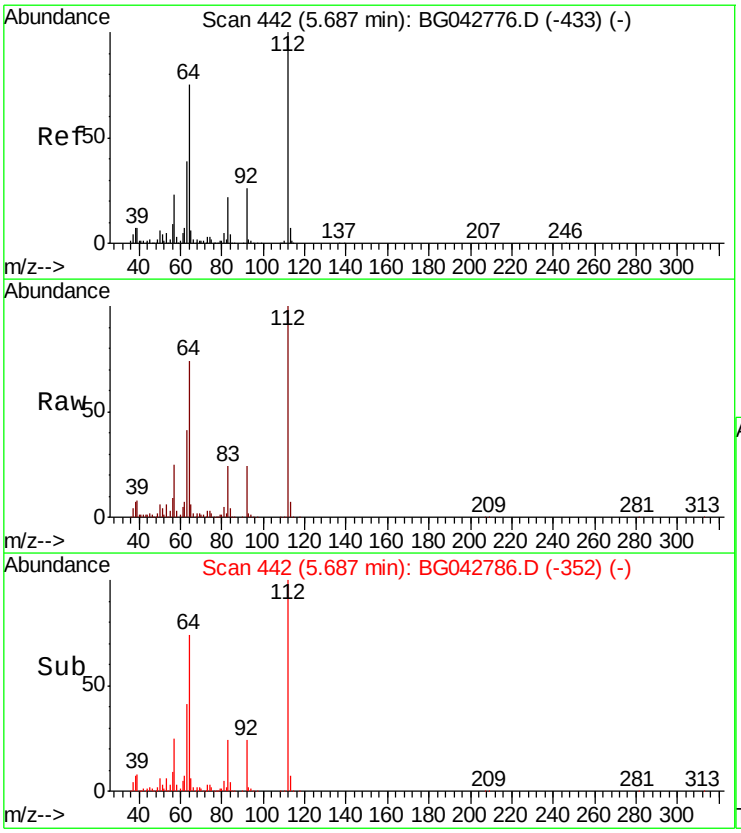
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042786.D
Acq: 12 Sep 2019 17:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 130577

Ion	Ratio	Lower	Upper
152	100		
150	149.2	118.9	178.3
115	61.8	47.4	71.2

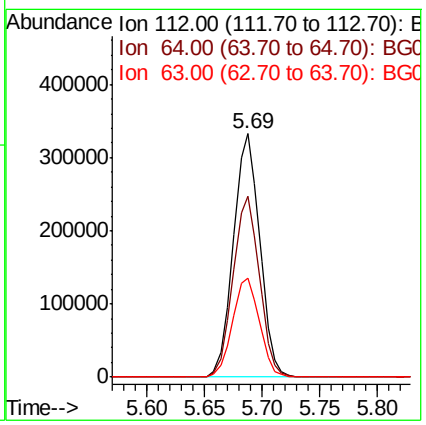


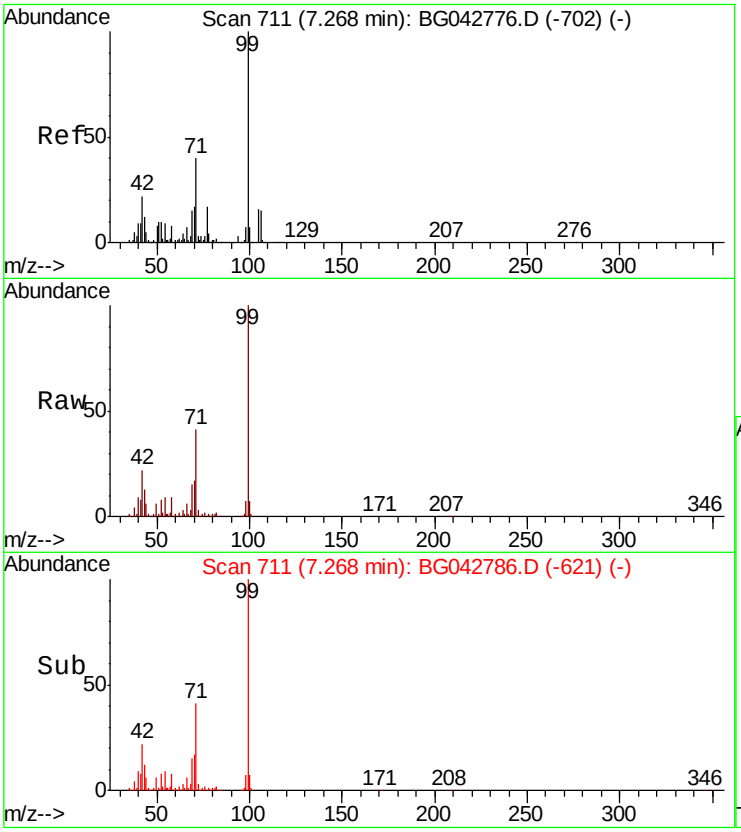


#5
2-Fluorophenol
Concen: 69.916 ng
RT: 5.69 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG042786.D
Acq: 12 Sep 2019 17:39

Tgt Ion:112 Resp: 525118

Ion	Ratio	Lower	Upper
112	100		
64	74.4	60.2	90.2
63	40.8	31.2	46.8



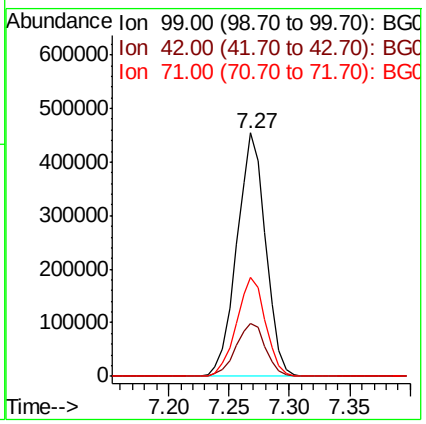


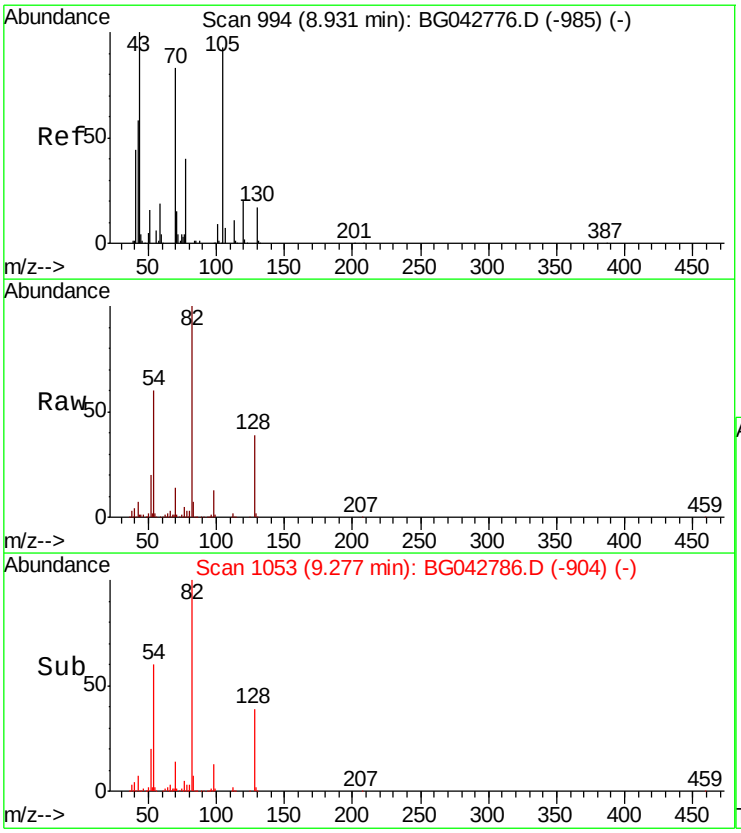
#7
Phenol-d6
Concen: 70.010 ng
RT: 7.27 min Scan# 711
Delta R.T. 0.00 min
Lab File: BG042786.D
Acq: 12 Sep 2019 17:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 754734

Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.5	26.3
71	40.7	32.0	48.0

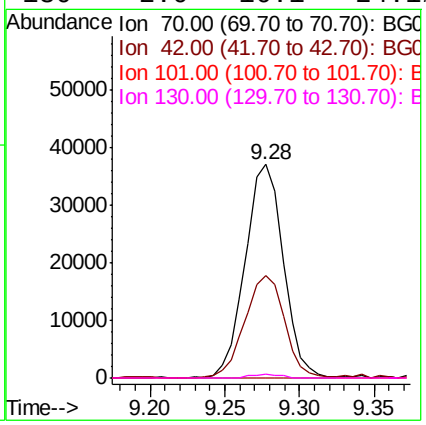


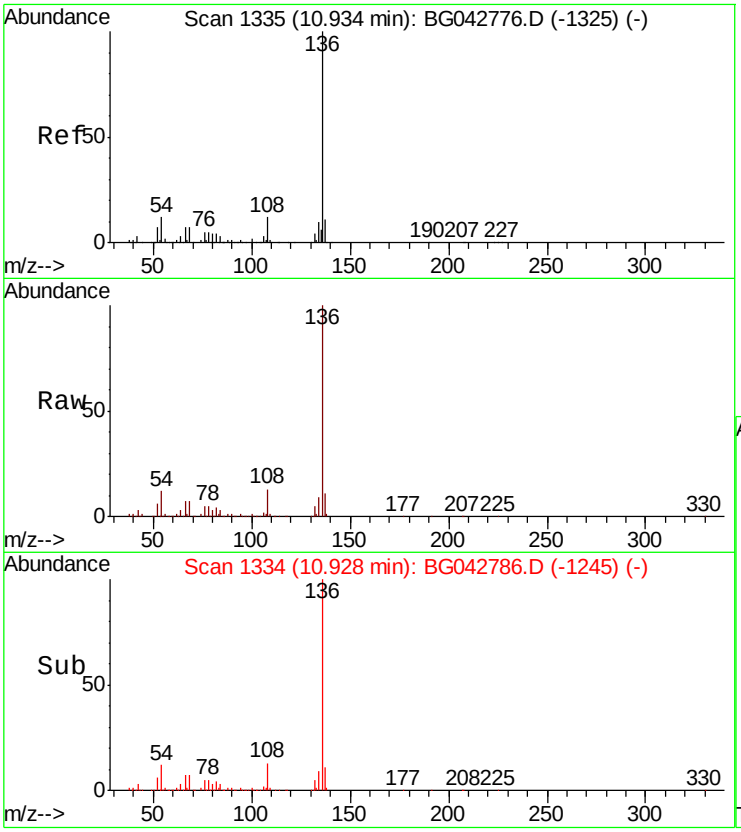


#19
n-Nitroso-di-n-propylamine
Concen: 8.251 ng
RT: 9.28 min Scan# 1053
Delta R.T. 0.35 min
Lab File: BG042786.D
Acq: 12 Sep 2019 17:39

Tgt Ion: 70 Resp: 65542

Ion	Ratio	Lower	Upper
70	100		
42	47.7	57.0	85.6#
101	0.0	8.4	12.6#
130	2.0	16.1	24.1#



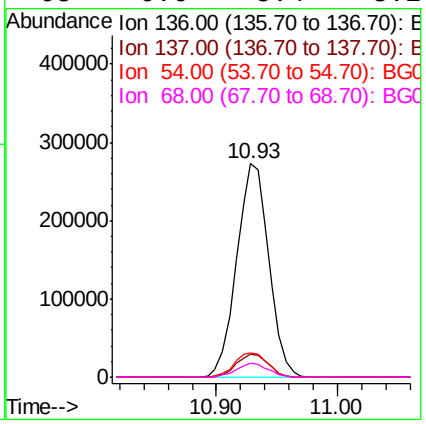


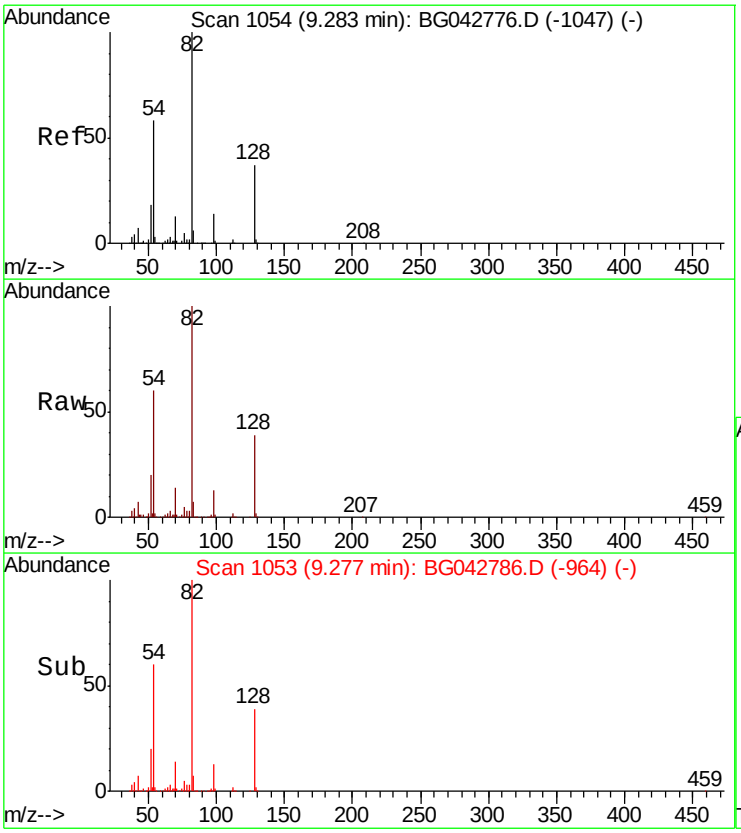
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042786.D
Acq: 12 Sep 2019 17:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 504567

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	11.5	9.4	14.0
68	6.6	5.4	8.2

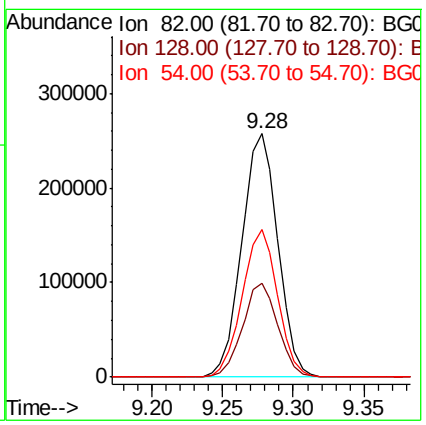


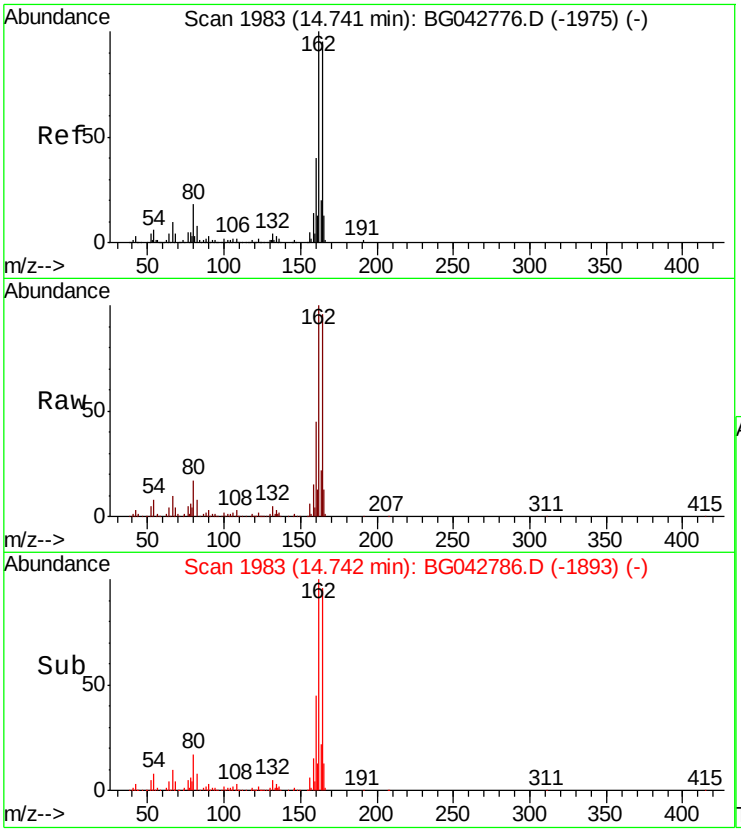


#23
Nitrobenzene-d5
Concen: 47.516 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042786.D
Acq: 12 Sep 2019 17:39

Tgt Ion: 82 Resp: 460501

Ion	Ratio	Lower	Upper
82	100		
128	38.6	29.8	44.8
54	60.5	46.1	69.1



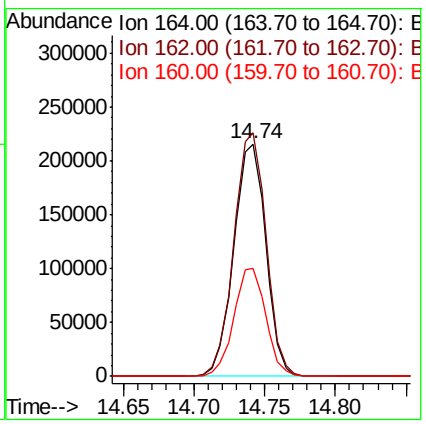


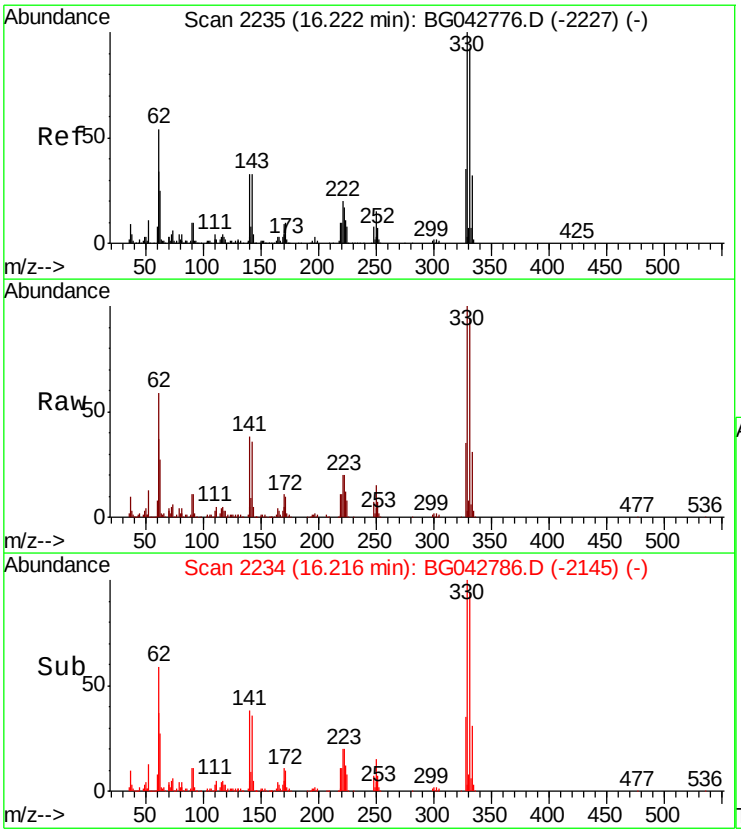
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG042786.D
Acq: 12 Sep 2019 17:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 341801

Ion	Ratio	Lower	Upper
164	100		
162	104.7	84.6	126.8
160	46.6	34.2	51.2

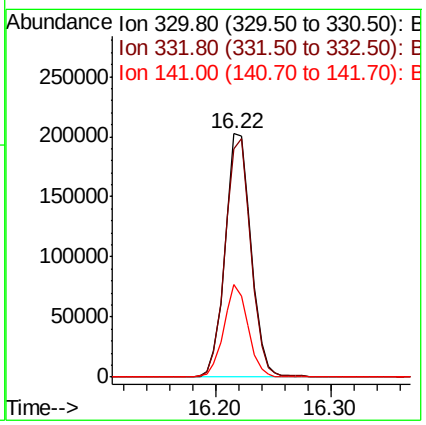


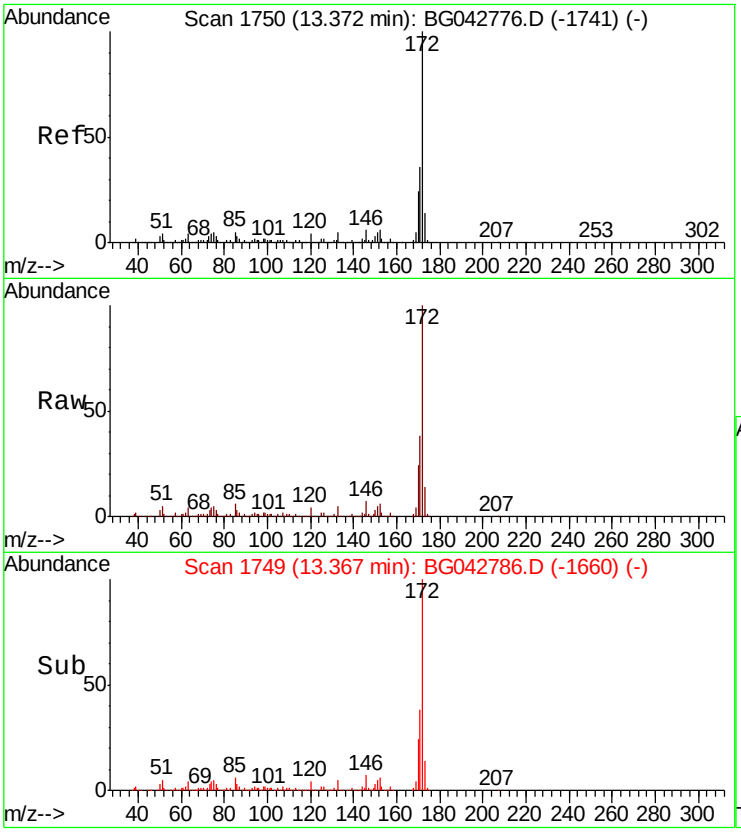


#42
2,4,6-Tribromophenol
Concen: 69.089 ng
RT: 16.22 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BG042786.D
Acq: 12 Sep 2019 17:39

Tgt Ion:330 Resp: 314174

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.7	115.1
141	35.6	27.0	40.6



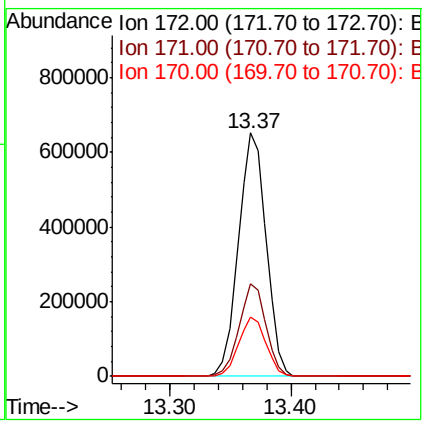


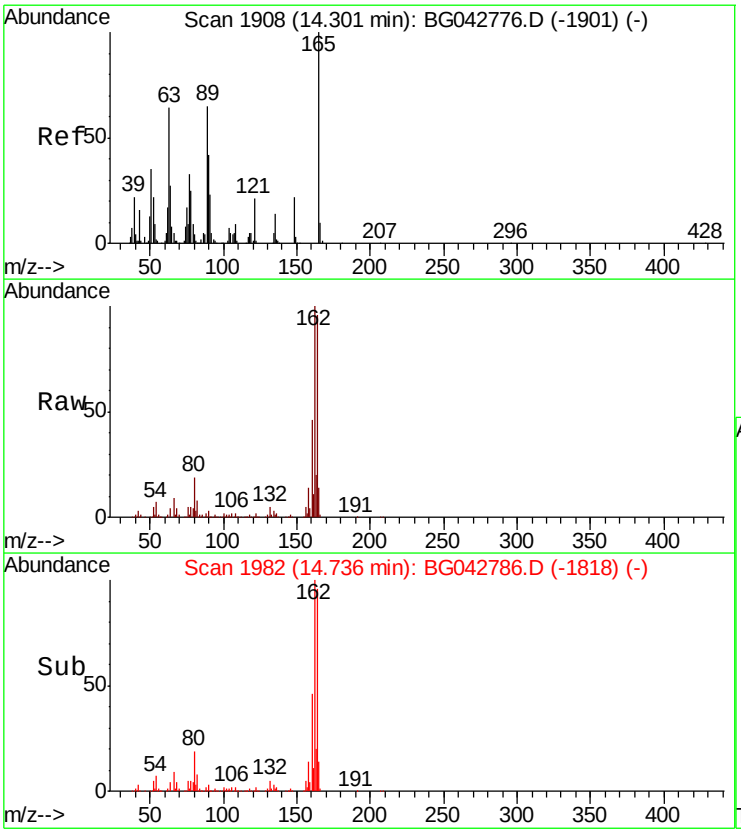
#45
2-Fluorobiphenyl
Concen: 48.350 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042786.D
Acq: 12 Sep 2019 17:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1044024

Ion	Ratio	Lower	Upper
172	100		
171	37.8	28.9	43.3
170	24.1	19.1	28.7

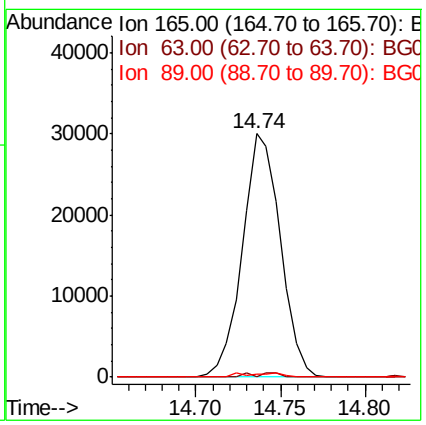


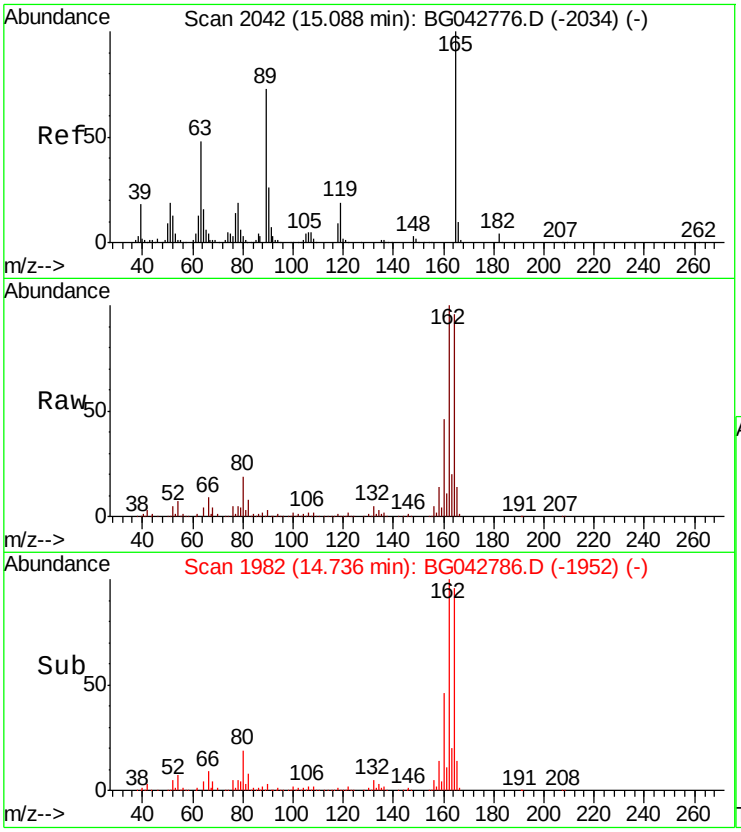


#51
2,6-Dinitrotoluene
Concen: 8.908 ng
RT: 14.74 min Scan# 1982
Delta R.T. 0.43 min
Lab File: BG042786.D
Acq: 12 Sep 2019 17:39

Tgt Ion:165 Resp: 46800

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.1	78.1#
89	1.3	51.7	77.5#



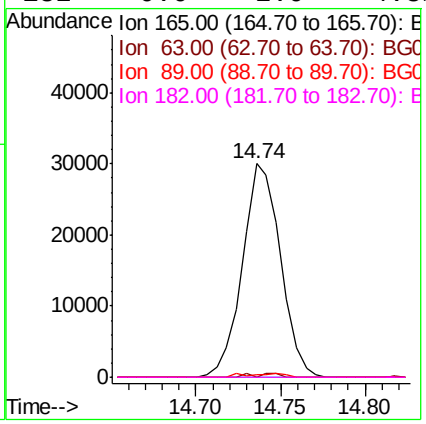


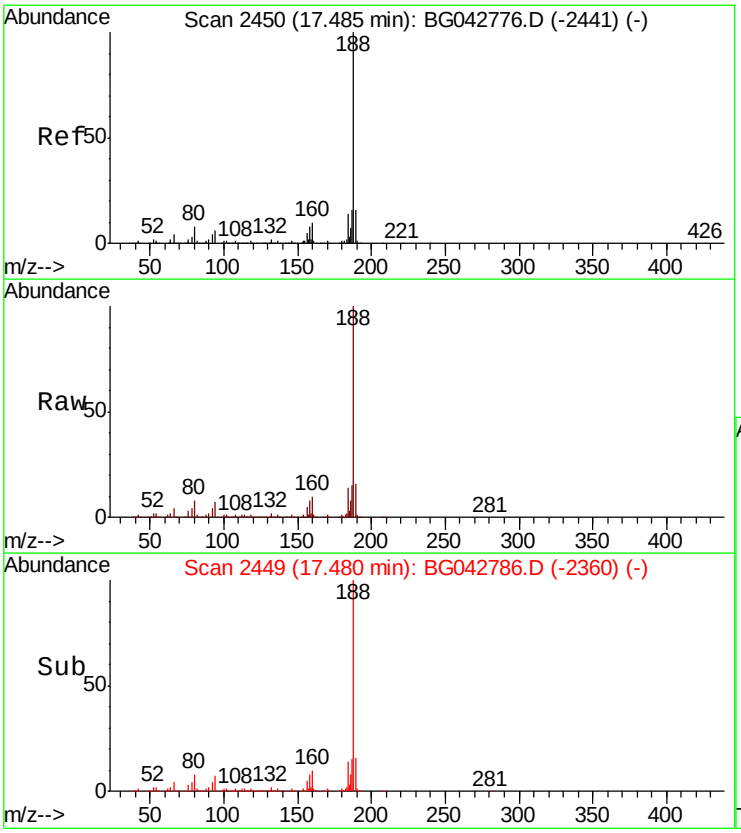
#57
2,4-Dinitrotoluene
Concen: 6.683 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.35 min
Lab File: BG042786.D
Acq: 12 Sep 2019 17:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 46800

Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.3	57.5#
89	1.3	58.4	87.6#
182	0.0	2.9	4.3#

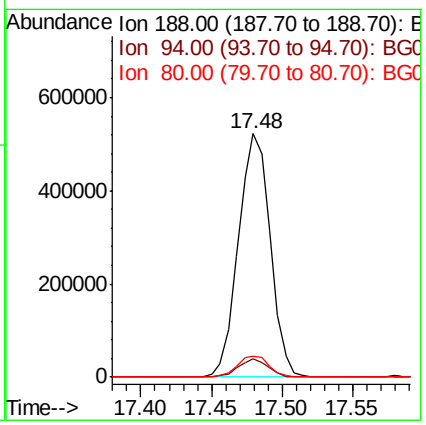


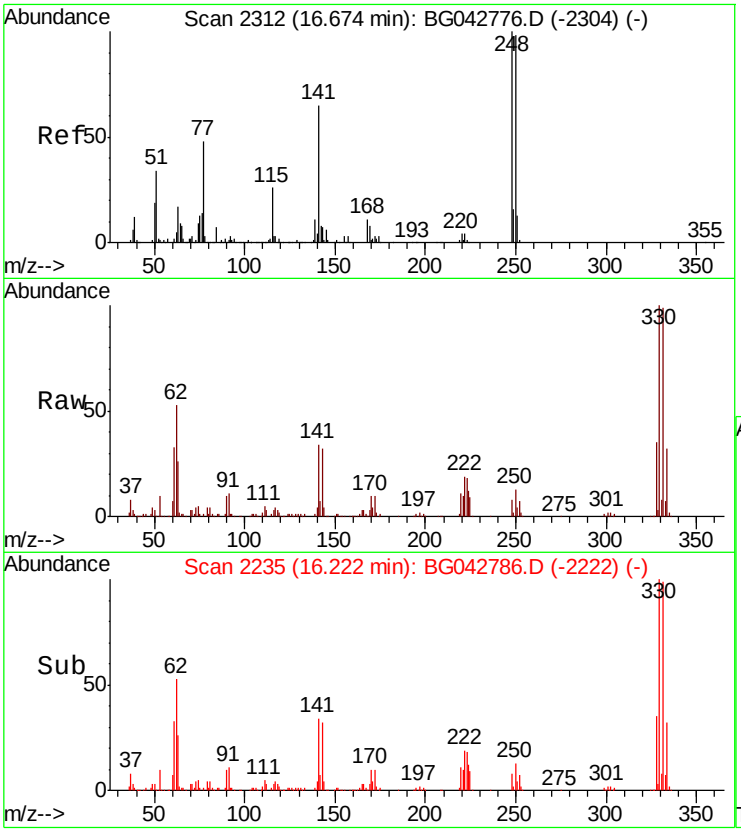


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042786.D
Acq: 12 Sep 2019 17:39

Tgt Ion:188 Resp: 823482

Ion	Ratio	Lower	Upper
188	100		
94	7.4	4.8	7.2#
80	8.4	6.6	9.8



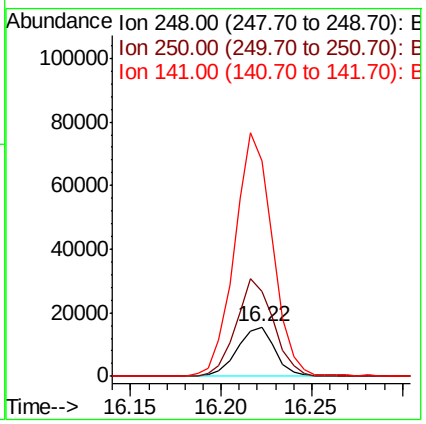


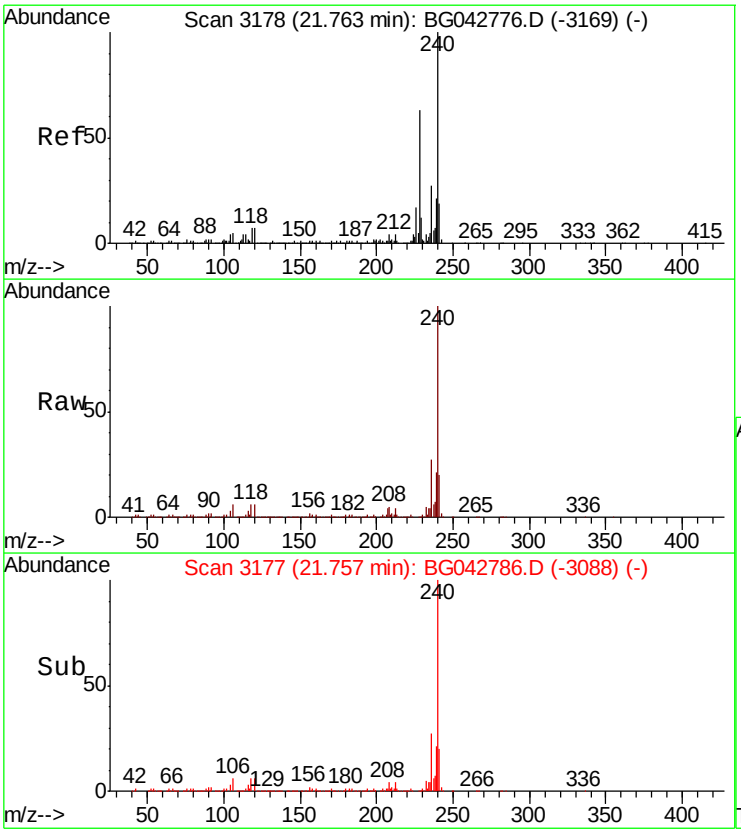
#67
4-Bromophenyl-phenylether
Concen: 2.224 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.45 min
Lab File: BG042786.D
Acq: 12 Sep 2019 17:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 22171

Ion	Ratio	Lower	Upper
248	100		
250	173.0	78.0	117.0#
141	439.7	51.8	77.6#

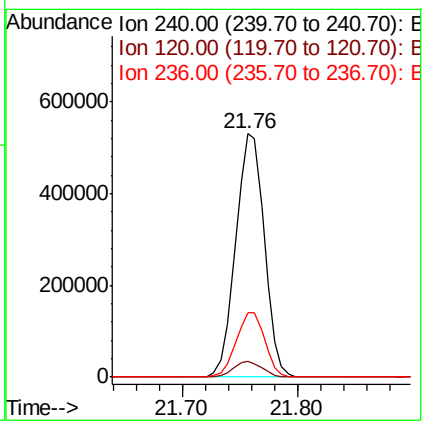


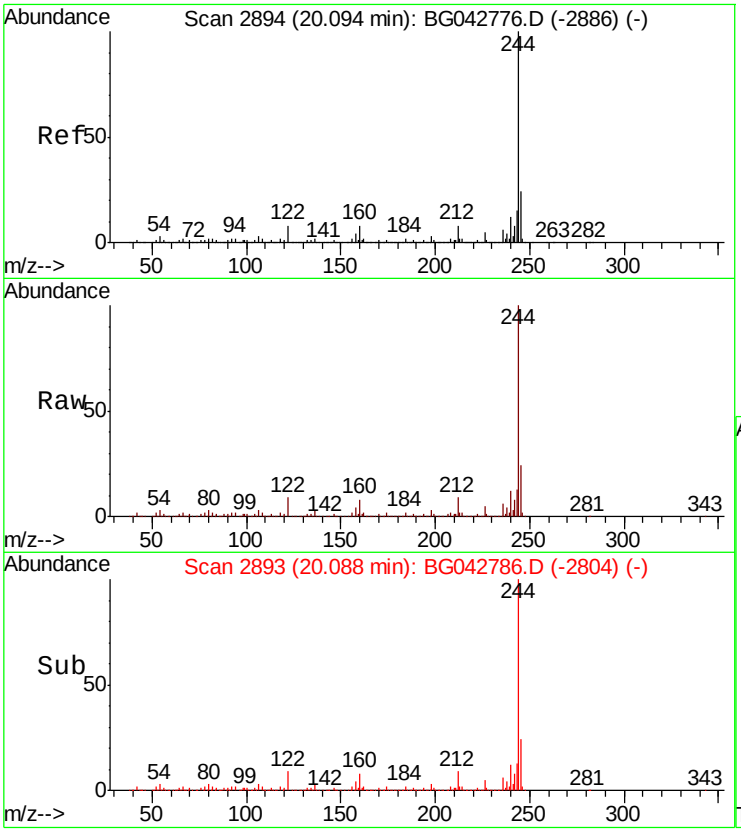


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG042786.D
Acq: 12 Sep 2019 17:39

Tgt Ion:240 Resp: 910431

Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.4	8.2
236	26.5	21.7	32.5



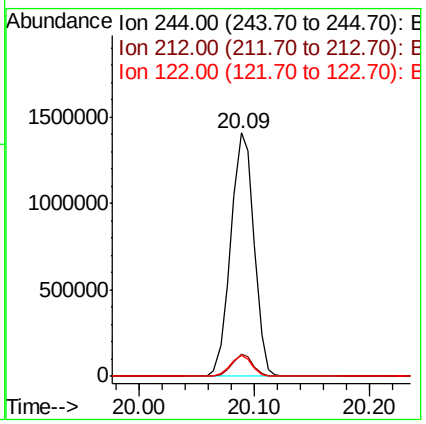


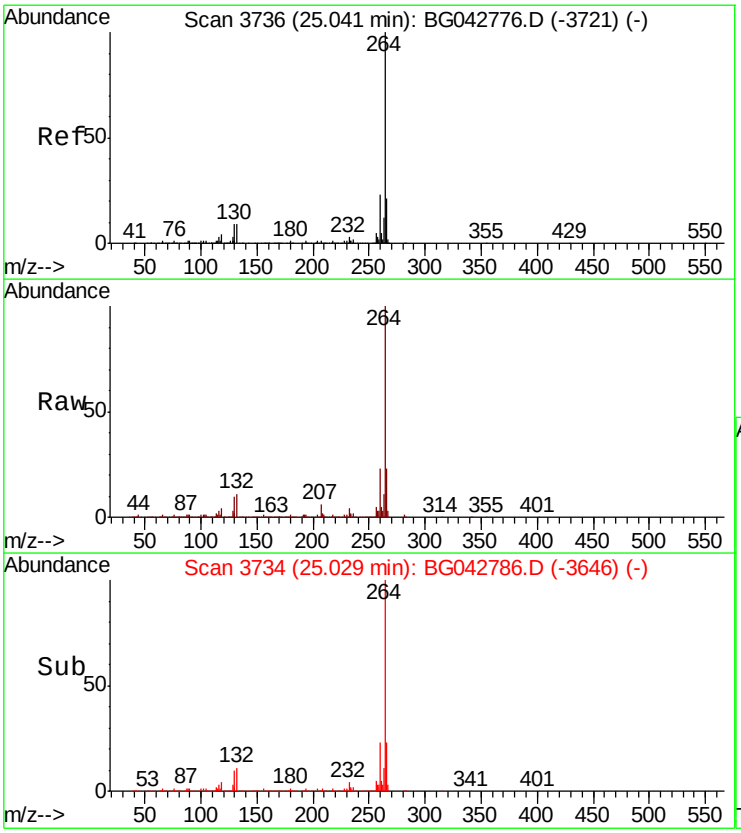
#79
Terphenyl-d14
Concen: 47.831 ng
RT: 20.09 min Scan# 2893
Delta R.T. -0.01 min
Lab File: BG042786.D
Acq: 12 Sep 2019 17:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1964851

Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.6	10.0
122	8.7	6.2	9.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3734
Delta R.T. -0.01 min
Lab File: BG042786.D
Acq: 12 Sep 2019 17:39

Tgt Ion:264 Resp: 969593

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.2
265	22.6	16.9	25.3