Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031119\
Data File : BG039845.D
Acq On : 11 Mar 2019 17:11
Operator : JU/SJ
Sample : K1807-33RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-12

Quant Time: Mar 12 03:37:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	43853	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	183464	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	130725	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	335458	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	355880	20.00	ng	-0.02
87) Perylene-d12	25.18	264	350071	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	339902	132.23	ng	-0.01
7) Phenol-d6	7.30	99	503666	131.41	ng	-0.01
23) Nitrobenzene-d5	9.33	82	299406	88.26	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	212957	139.76	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	653248	71.15	ng	-0.02
79) Terphenyl-d14	20.12	244	1136717	70.33	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.33	70	38239	13.861	ng	# 68
50) Dimethylphthalate	14.22	163	64218	5.875	ng	# 97
57) 2,4-Dinitrotoluene	14.78	165	17695	5.434	ng	# 19
67) 4-Bromophenyl-phenylether	16.27	248	16650	4.434	ng	# 1

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

Quantitation Report (Not Reviewed)

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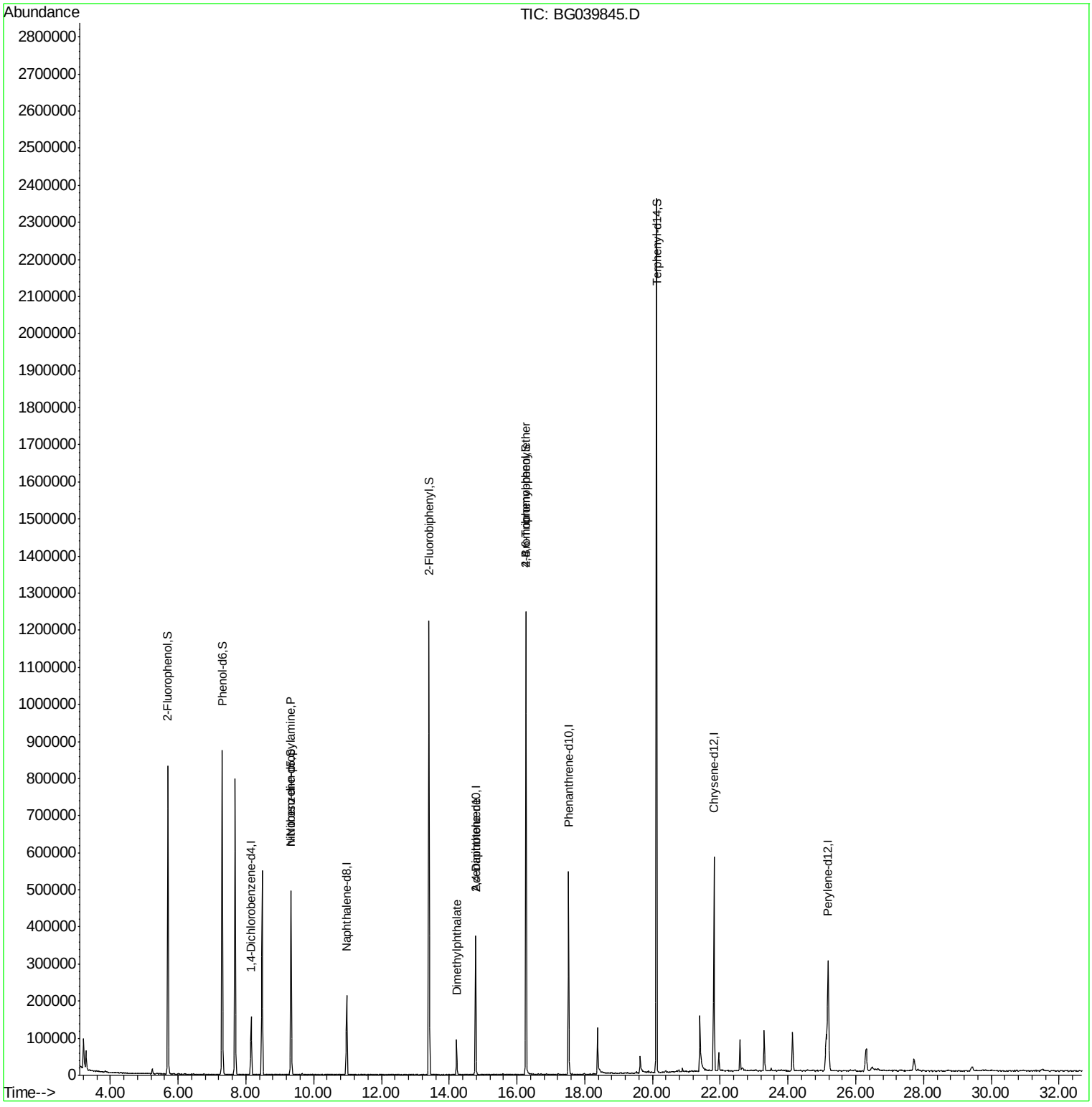
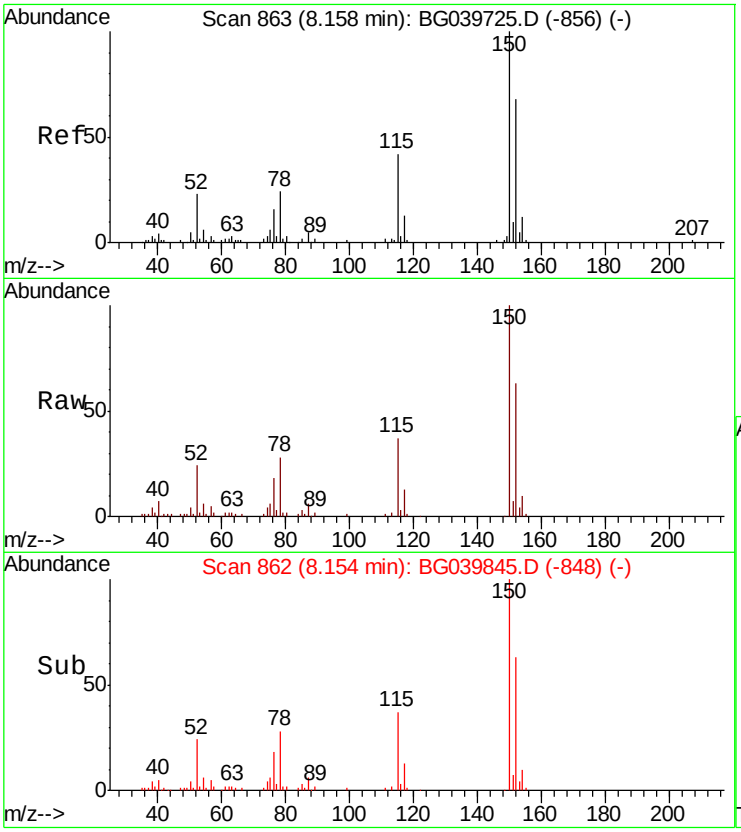


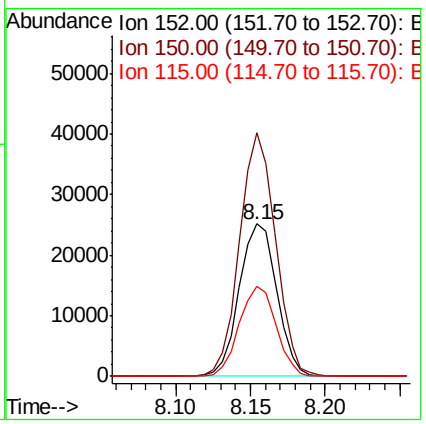


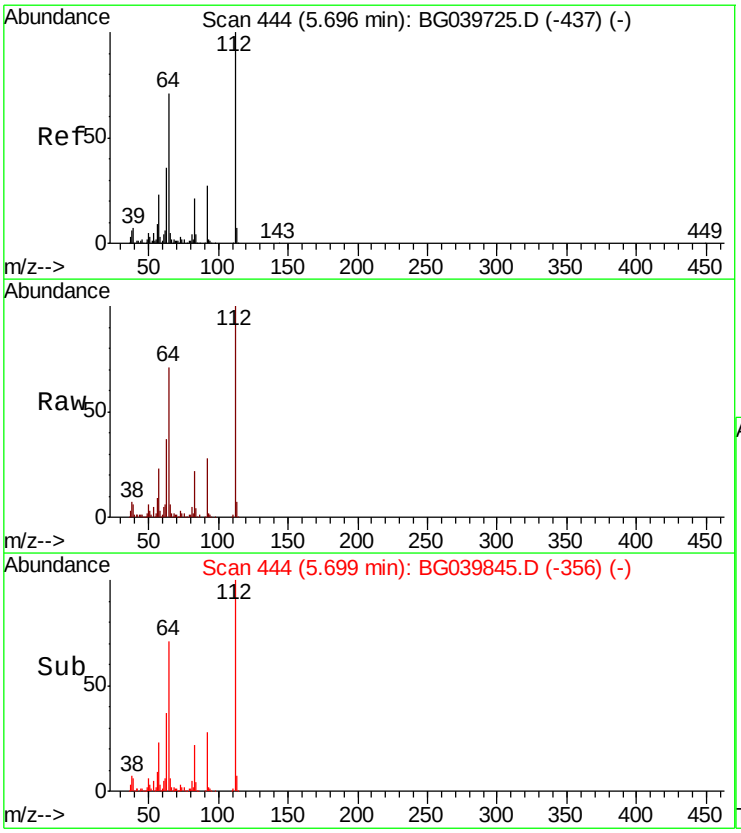
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039845.D
Acq: 11 Mar 2019 17:11

Instrument :
BNA_G
ClientSampleId :
TP-12

Tgt Ion:152 Resp: 43853

Ion	Ratio	Lower	Upper
152	100		
150	159.7	123.7	185.5
115	58.9	45.9	68.9

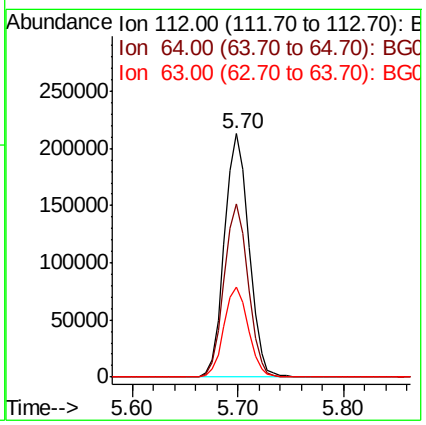


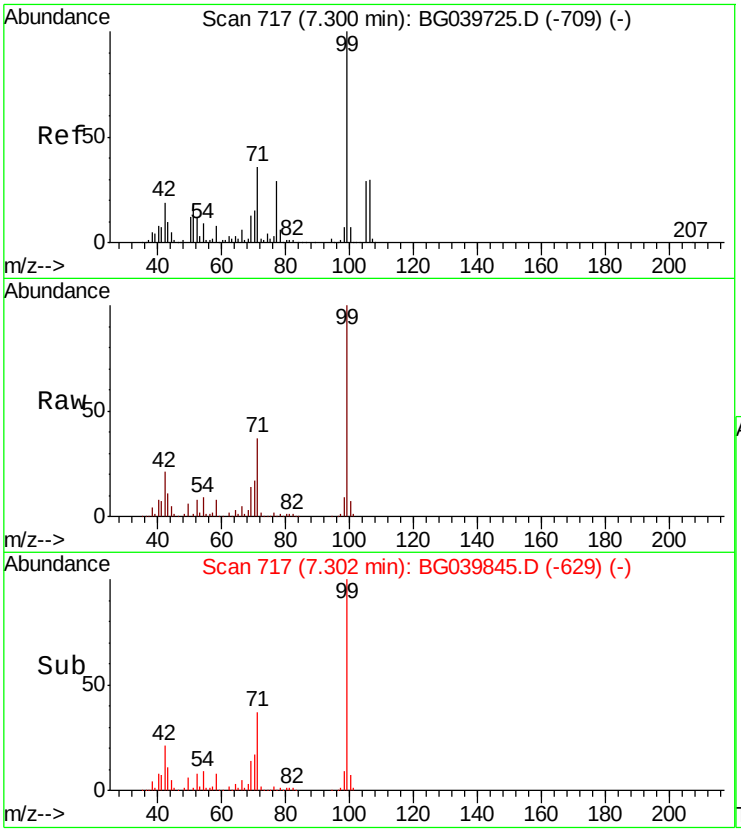


#5
2-Fluorophenol
Concen: 132.232 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039845.D
Acq: 11 Mar 2019 17:11

Tgt Ion:112 Resp: 339902

Ion	Ratio	Lower	Upper
112	100		
64	71.1	57.8	86.8
63	36.9	29.8	44.6



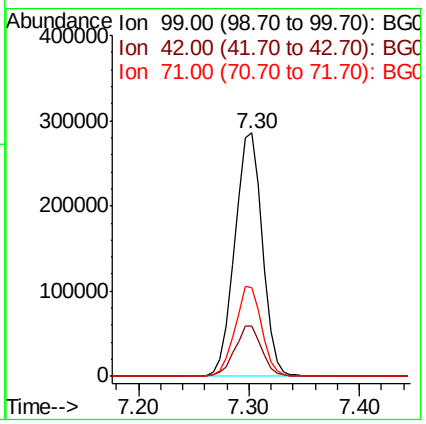


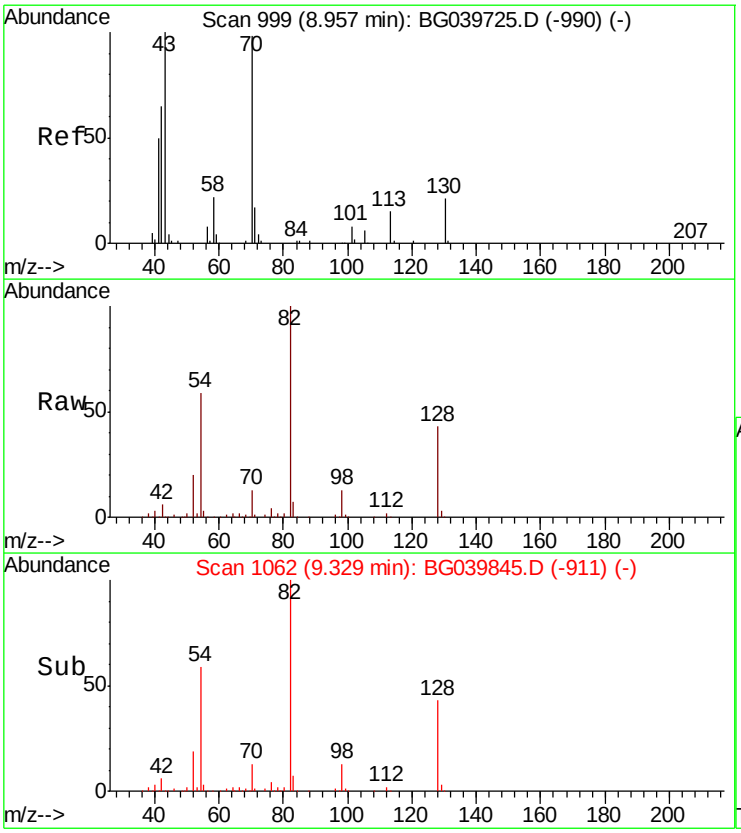
#7
Phenol-d6
Concen: 131.411 ng
RT: 7.30 min Scan# 717
Delta R.T. -0.01 min
Lab File: BG039845.D
Acq: 11 Mar 2019 17:11

Instrument :
BNA_G
ClientSampleId :
TP-12

Tgt Ion: 99 Resp: 503666

Ion	Ratio	Lower	Upper
99	100		
42	20.6	18.2	27.2
71	36.5	28.0	42.0

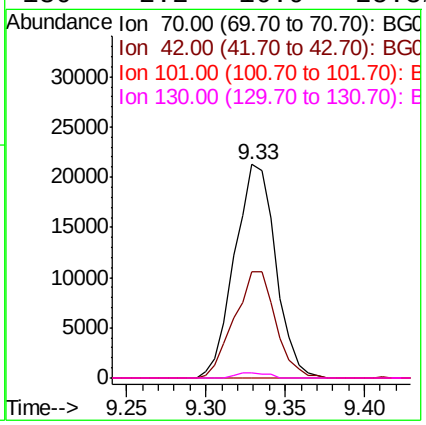


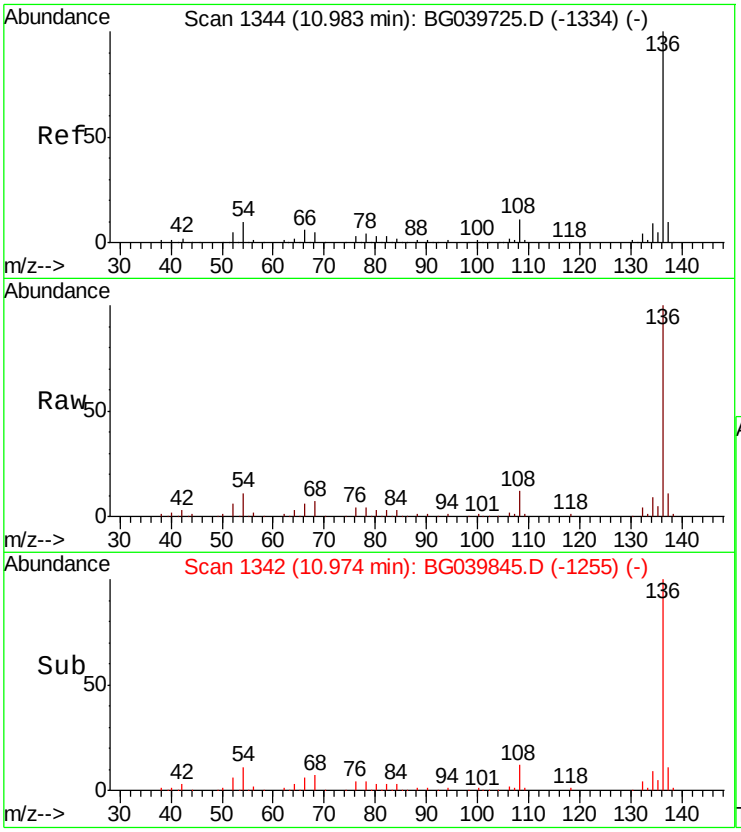


#19
n-Nitroso-di-n-propylamine
Concen: 13.861 ng
RT: 9.33 min Scan# 1062
Delta R.T. 0.36 min
Lab File: BG039845.D
Acq: 11 Mar 2019 17:11

Tgt Ion: 70 Resp: 38239

Ion	Ratio	Lower	Upper
70	100		
42	49.8	60.4	90.6#
101	0.0	7.5	11.3#
130	2.2	16.9	25.3#



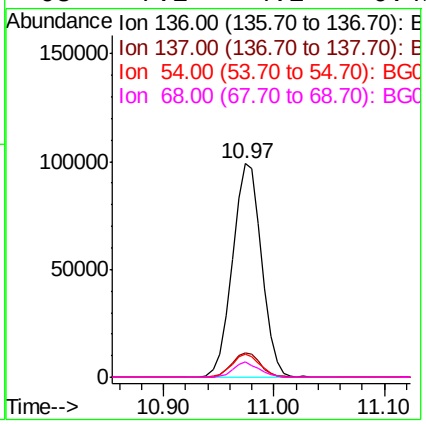


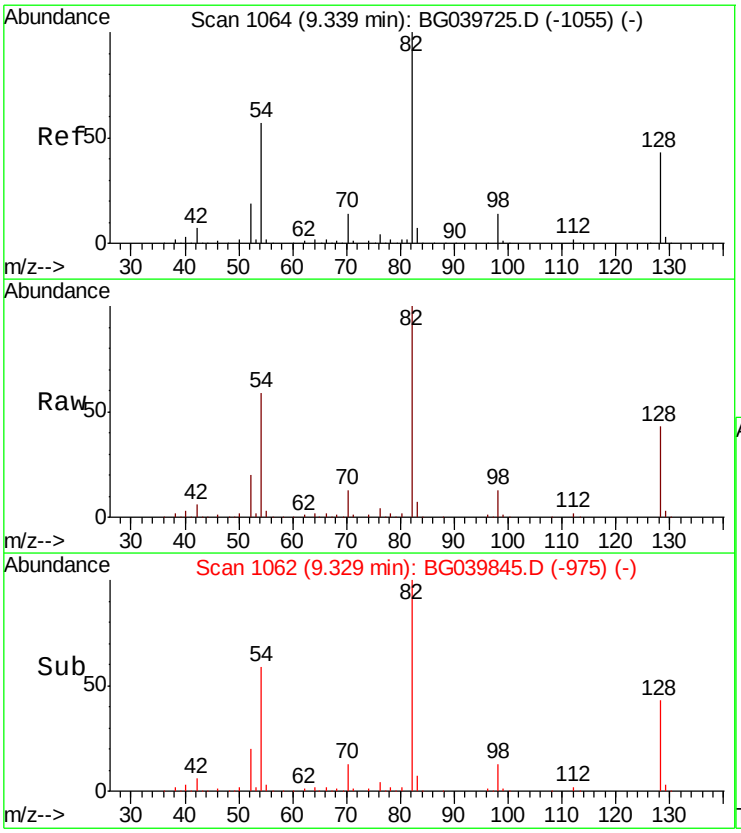
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039845.D
Acq: 11 Mar 2019 17:11

Instrument :
BNA_G
ClientSampleId :
TP-12

Tgt Ion:136 Resp: 183464

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	10.8	9.4	14.2
68	7.2	4.2	6.4#

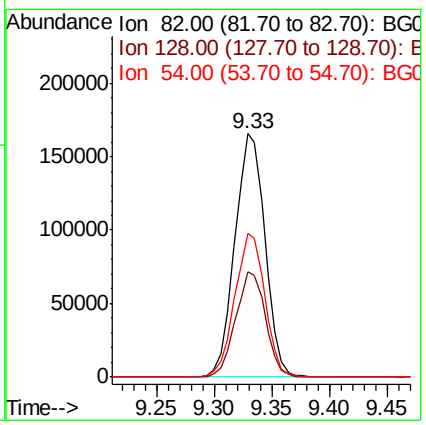


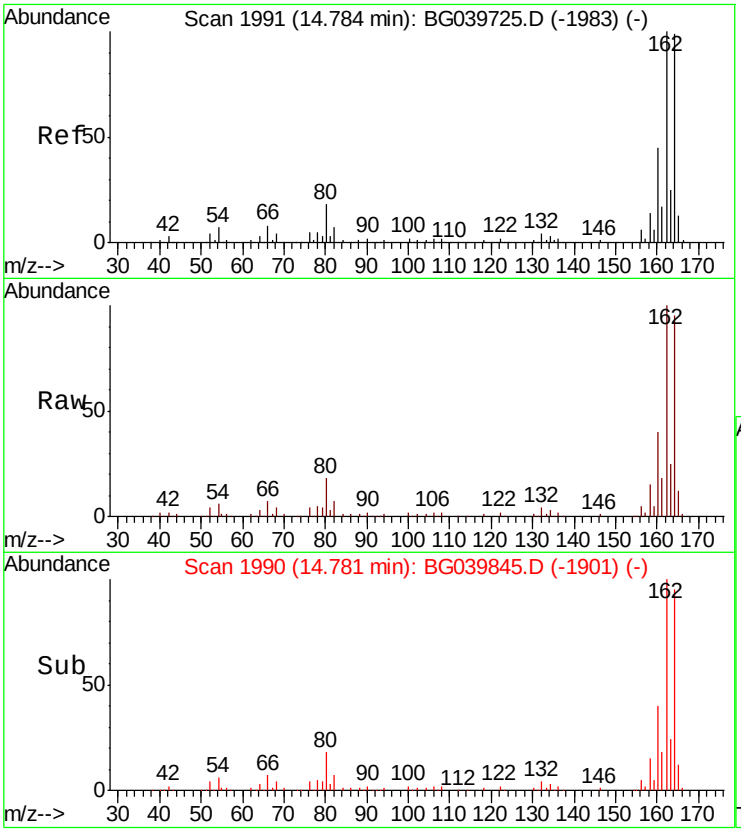


#23
Nitrobenzene-d5
Concen: 88.263 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039845.D
Acq: 11 Mar 2019 17:11

Tgt Ion: 82 Resp: 299406

Ion	Ratio	Lower	Upper
82	100		
128	43.3	31.3	46.9
54	59.2	50.9	76.3



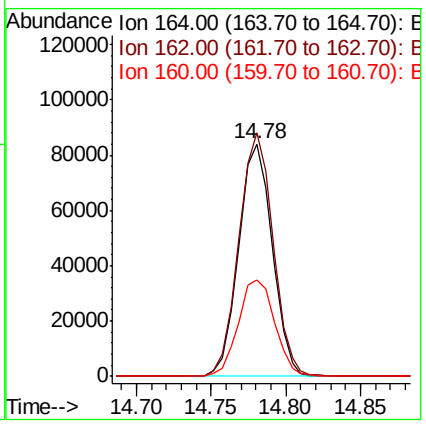


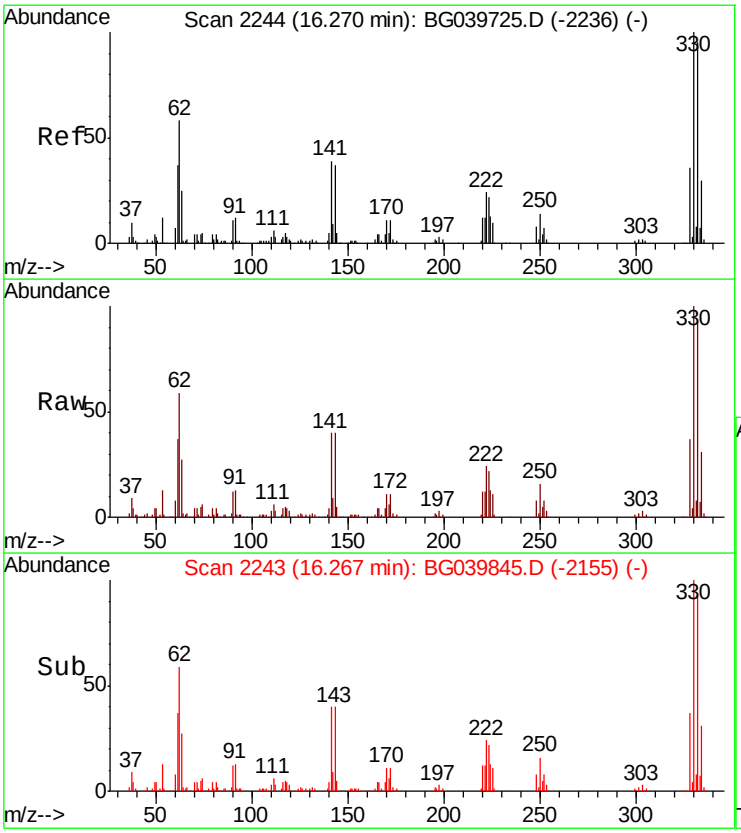
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039845.D
Acq: 11 Mar 2019 17:11

Instrument :
BNA_G
ClientSampleId :
TP-12

Tgt Ion:164 Resp: 130725

Ion	Ratio	Lower	Upper
164	100		
162	104.8	81.6	122.4
160	41.7	34.2	51.2

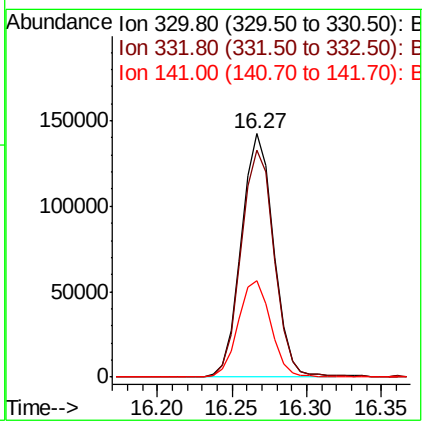


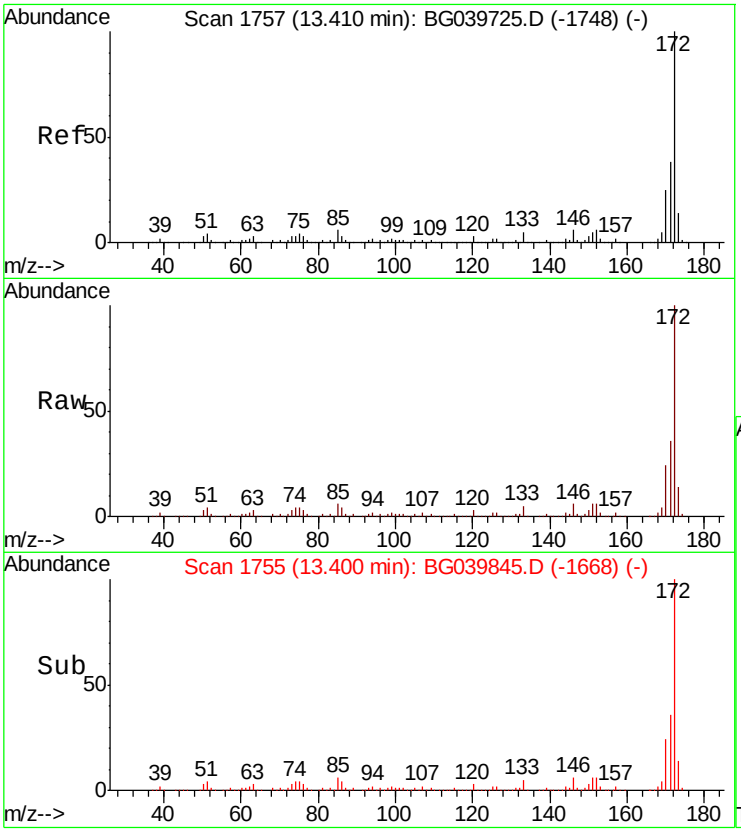


#42
2,4,6-Tribromophenol
Concen: 139.763 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BG039845.D
Acq: 11 Mar 2019 17:11

Tgt Ion:330 Resp: 212957

Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.7	113.5
141	40.2	35.6	53.4



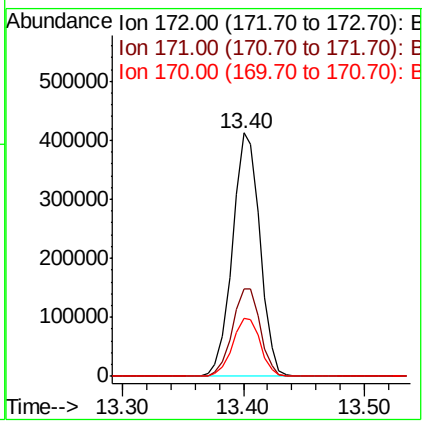


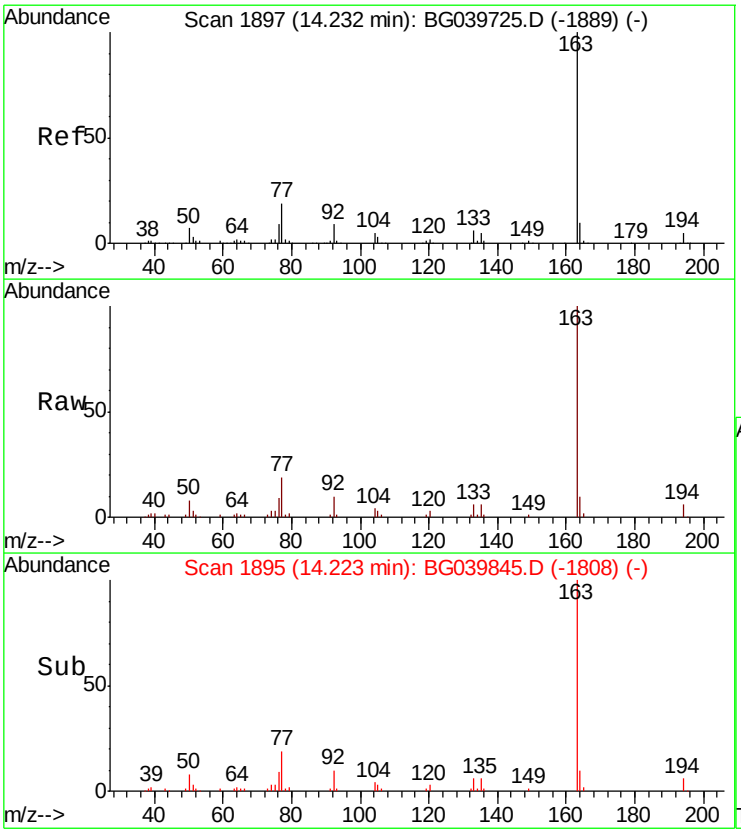
#45
2-Fluorobiphenyl
Concen: 71.150 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG039845.D
Acq: 11 Mar 2019 17:11

Instrument :
BNA_G
ClientSampleId :
TP-12

Tgt Ion:172 Resp: 653248

Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.8	46.2
170	24.1	20.2	30.4

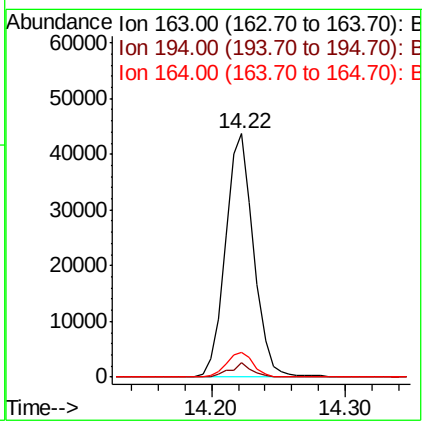


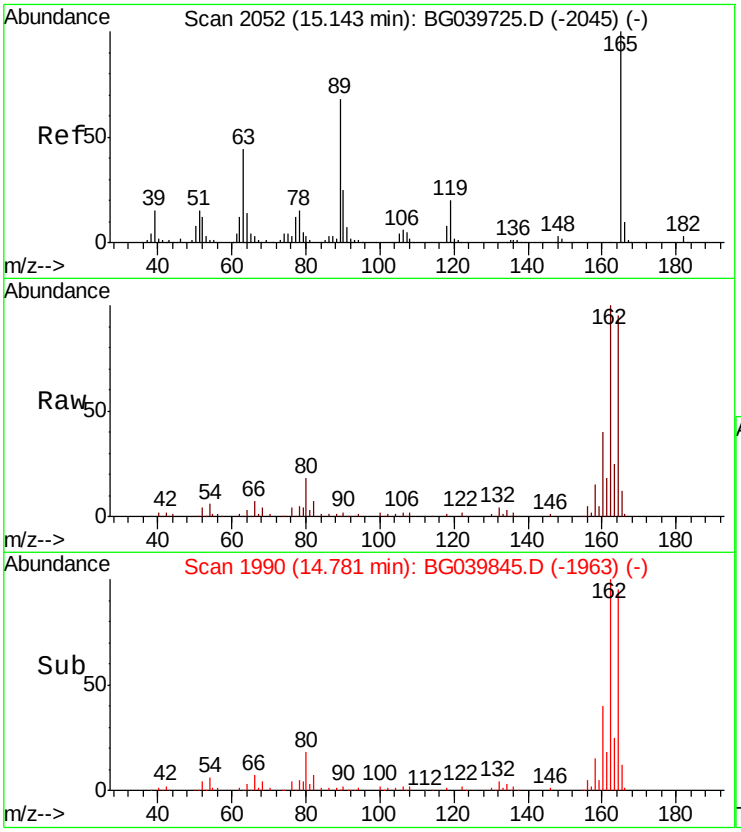


#50
Dimethylphthalate
Concen: 5.875 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BG039845.D
Acq: 11 Mar 2019 17:11

Tgt Ion:163 Resp: 64218

Ion	Ratio	Lower	Upper
163	100		
194	6.2	3.6	5.4#
164	9.9	8.4	12.6



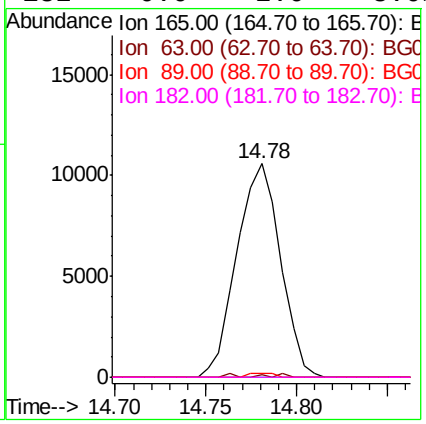


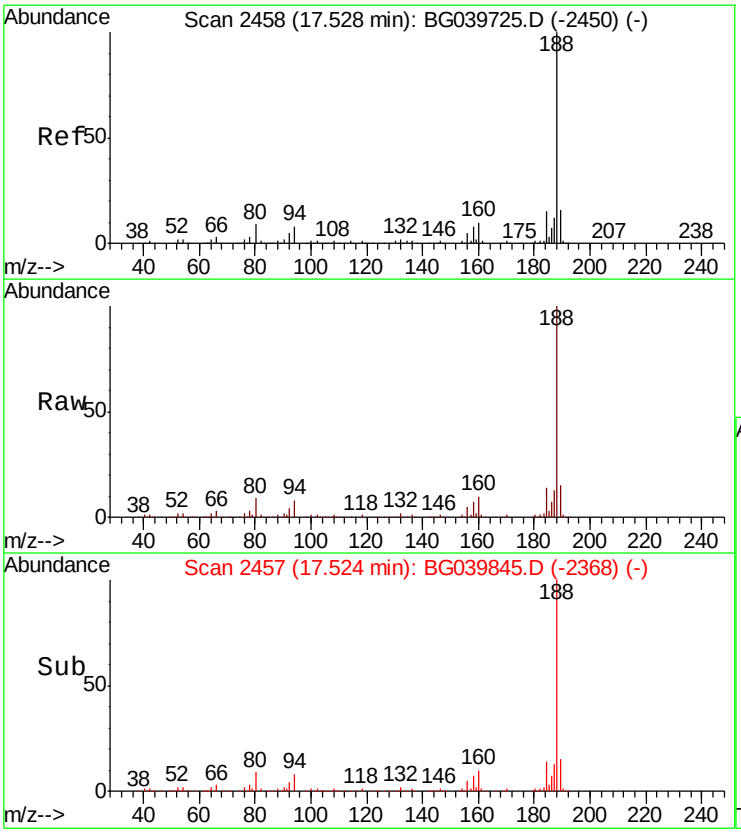
#57
2,4-Dinitrotoluene
Concen: 5.434 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.37 min
Lab File: BG039845.D
Acq: 11 Mar 2019 17:11

Instrument :
BNA_G
ClientSampleId :
TP-12

Tgt Ion:165 Resp: 17695

Ion	Ratio	Lower	Upper
165	100		
63	1.5	41.0	61.6#
89	1.7	64.6	96.8#
182	0.0	2.0	3.0#

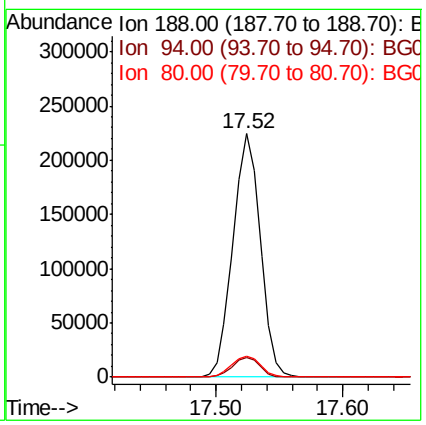


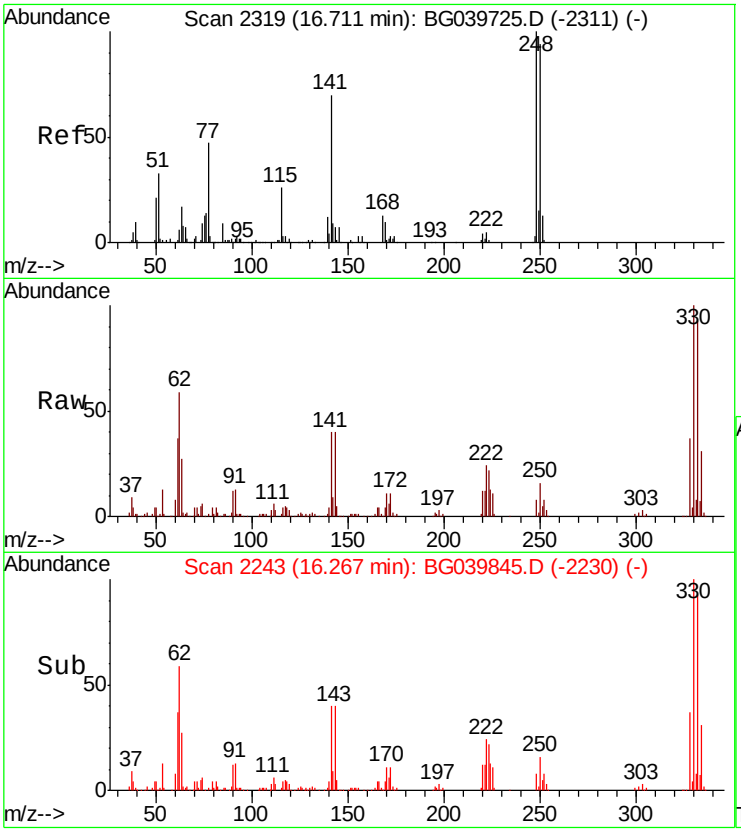


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039845.D
Acq: 11 Mar 2019 17:11

Tgt Ion:188 Resp: 335458

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	8.6	8.1	12.1



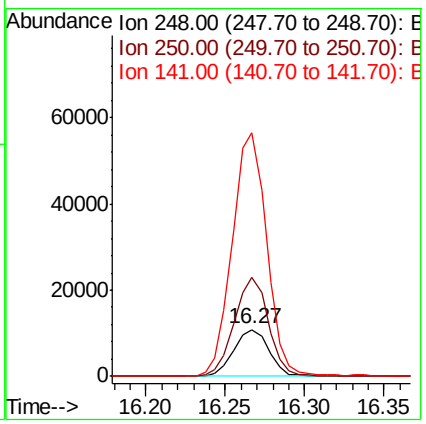


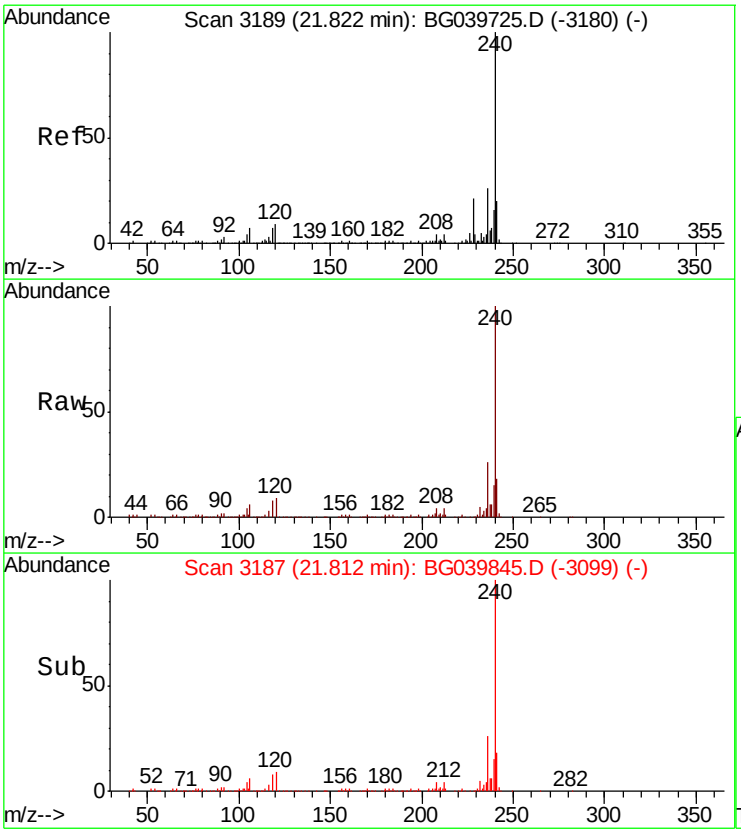
#67
4-Bromophenyl-phenylether
Concen: 4.434 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.45 min
Lab File: BG039845.D
Acq: 11 Mar 2019 17:11

Instrument :
BNA_G
ClientSampleId :
TP-12

Tgt Ion:248 Resp: 16650

Ion	Ratio	Lower	Upper
248	100		
250	210.8	77.6	116.4#
141	521.6	63.9	95.9#

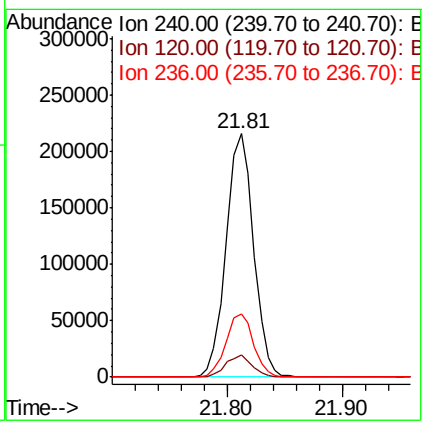


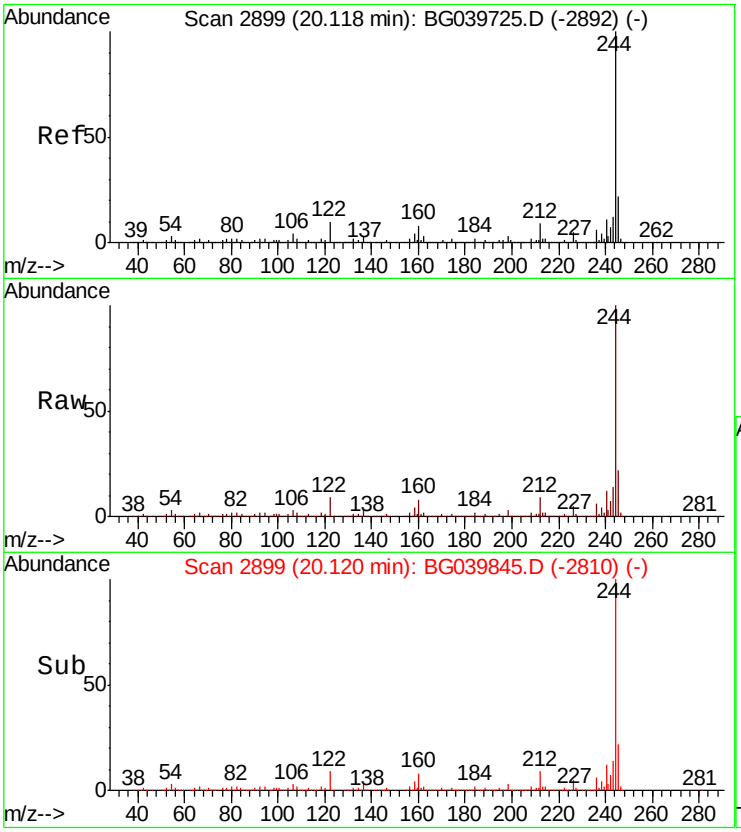


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039845.D
Acq: 11 Mar 2019 17:11

Tgt Ion:240 Resp: 355880

Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.0	10.6
236	25.8	21.0	31.4



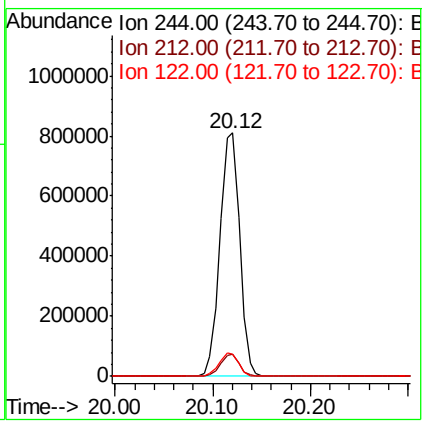


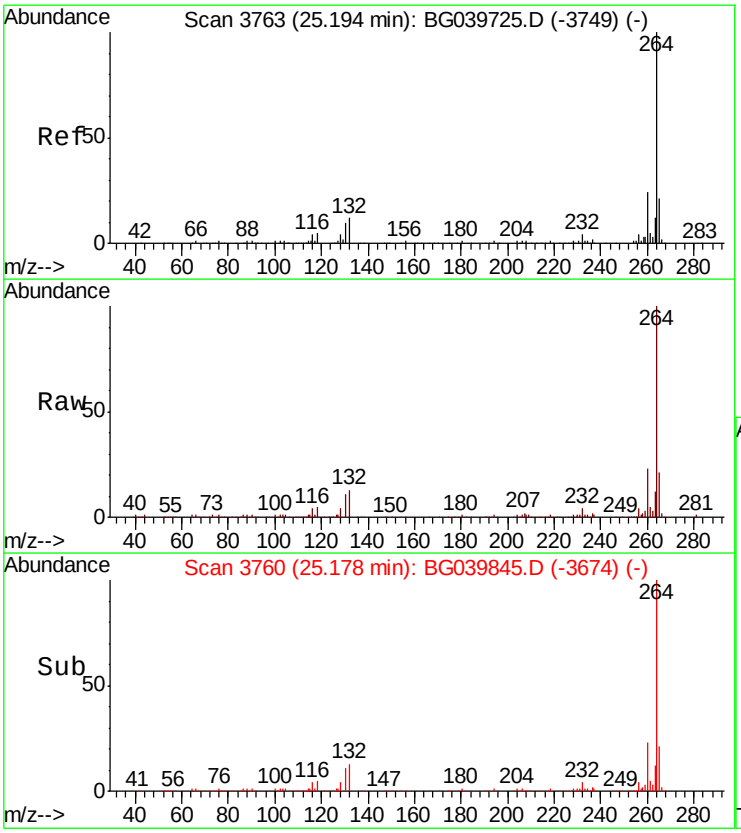
#79
Terphenyl-d14
Concen: 70.328 ng
RT: 20.12 min Scan# 2899
Delta R.T. -0.00 min
Lab File: BG039845.D
Acq: 11 Mar 2019 17:11

Instrument :
BNA_G
ClientSampleId :
TP-12

Tgt Ion:244 Resp: 1136717

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.3	10.9
122	9.1	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3760
Delta R.T. -0.02 min
Lab File: BG039845.D
Acq: 11 Mar 2019 17:11

Tgt Ion:264 Resp: 350071

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	20.9	18.5	27.7