Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031519\
Data File : BG039948.D
Acq On : 15 Mar 2019 19:28
Operator : JU/SJ
Sample : K1909-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 101-102

Quant Time: Mar 16 04:09:45 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	8.14	152	40302	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	168647	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	108621	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	259137	20.00	ng	-0.01
76) Chrysene-d12	21.80	240	287788	20.00	ng	-0.03
87) Perylene-d12	25.17	264	295383	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	82771	35.04	ng	-0.02
7) Phenol-d6	7.29	99	69327	19.68	ng	-0.03
23) Nitrobenzene-d5	9.33	82	289515	92.85	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	114449	90.40	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	726059	95.17	ng	-0.02
79) Terphenyl-d14	20.11	244	988581	75.63	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.33	70	38528	15.196	ng	# 68
32) Benzoic acid	9.73	122	62	6.630	ng	# 1
50) Dimethylphthalate	14.22	163	21102	2.323	ng	98
51) 2,6-Dinitrotoluene	14.78	165	15049	7.816	ng	# 25
57) 2,4-Dinitrotoluene	14.78	165	15049	5.562	ng	# 20
67) 4-Bromophenyl-phenylether	16.26	248	9220	3.179	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031519\
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Acq On : 15 Mar 2019 19:28
Operator : JU/SJ
Sample : K1909-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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Quant Time: Mar 16 04:09:45 2019
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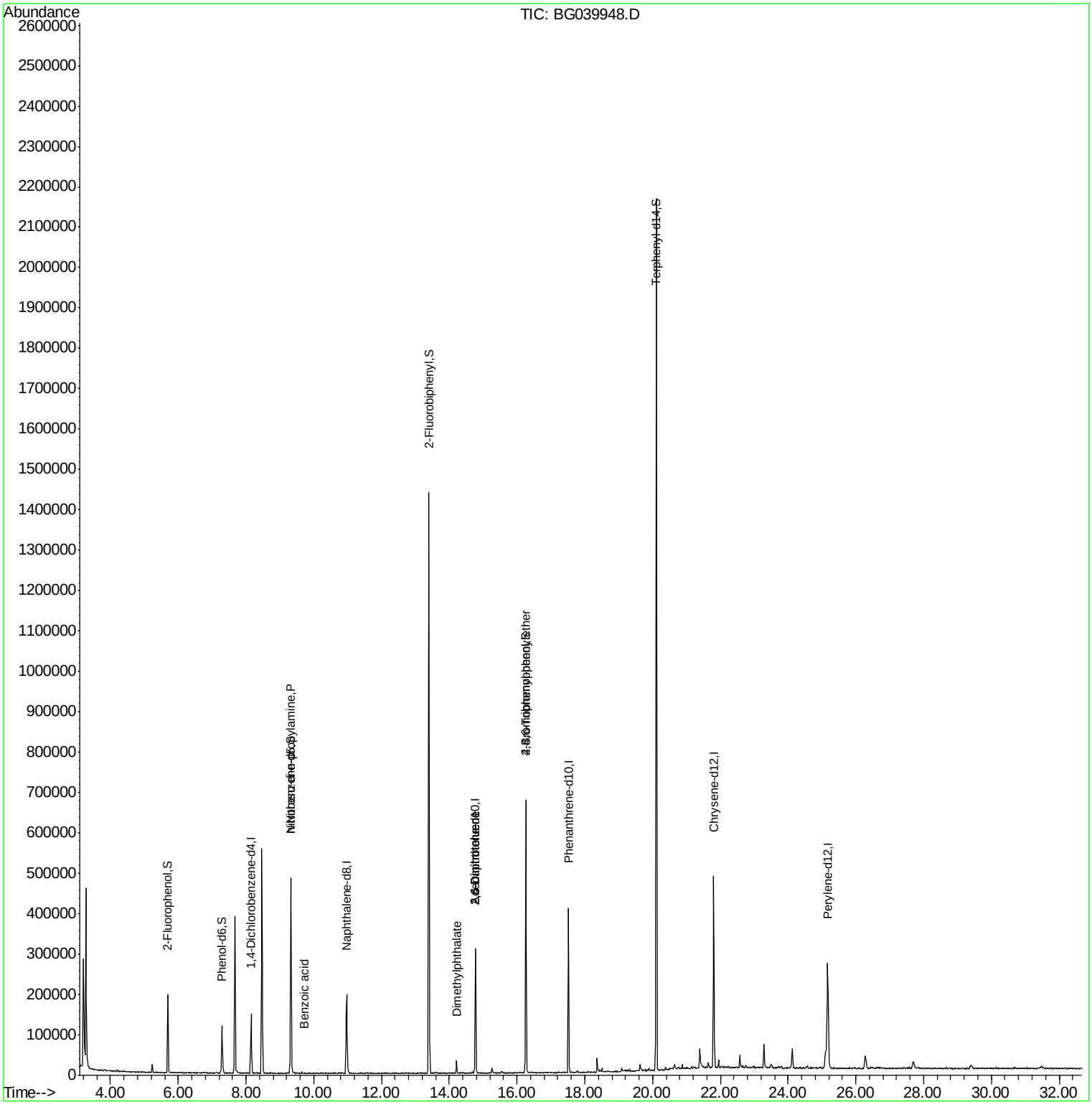
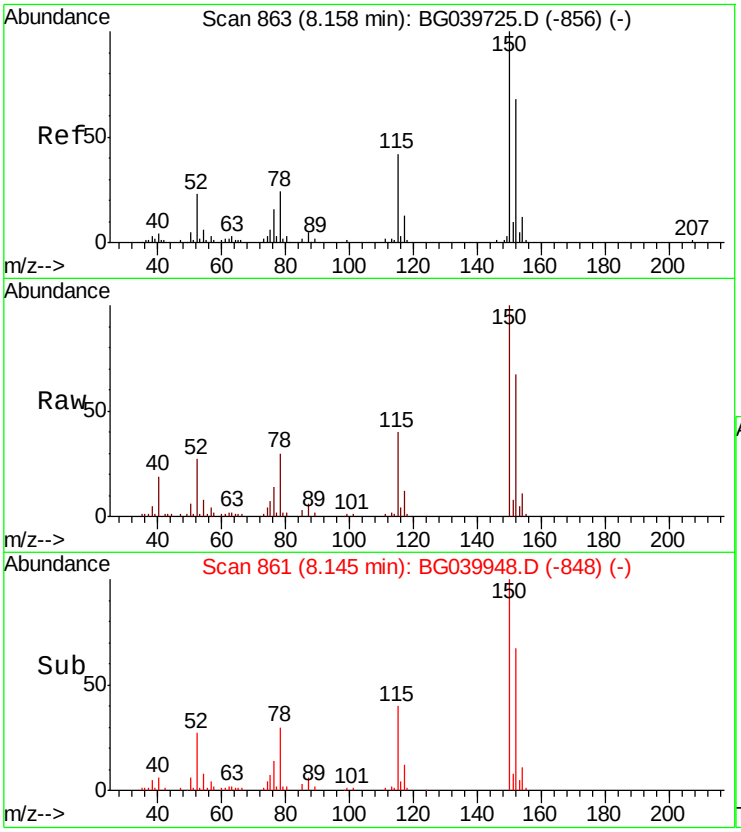
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration



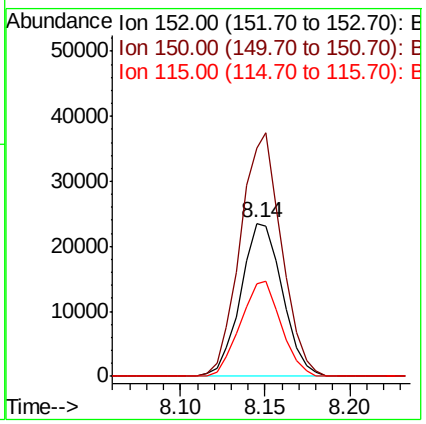


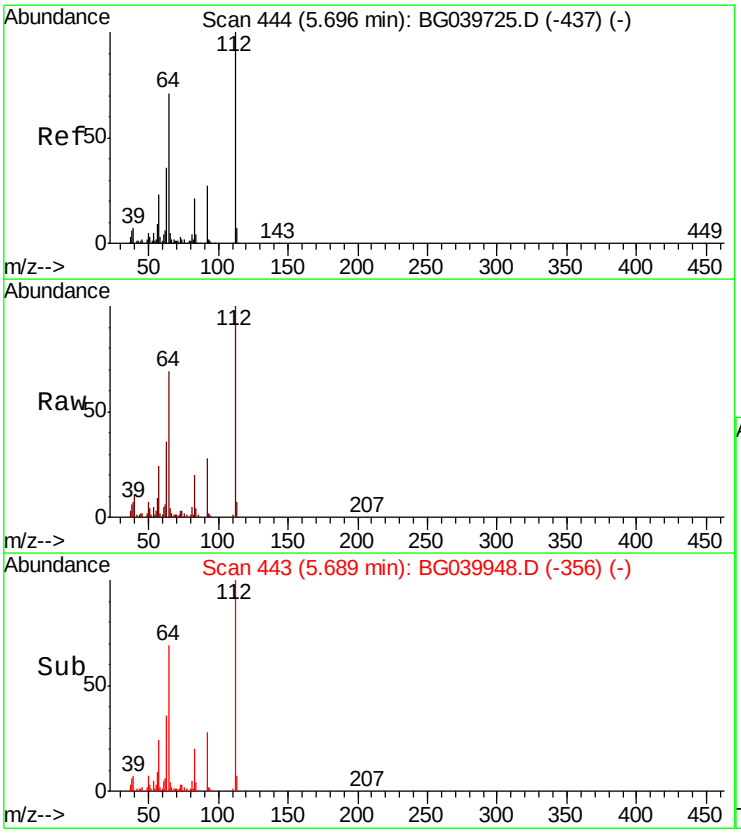
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 861
Delta R.T. -0.03 min
Lab File: BG039948.D
Acq: 15 Mar 2019 19:28

Instrument :
BNA_G
ClientSampleId :
101-102

Tgt Ion:152 Resp: 40302

Ion	Ratio	Lower	Upper
152	100		
150	149.8	123.7	185.5
115	60.3	45.9	68.9

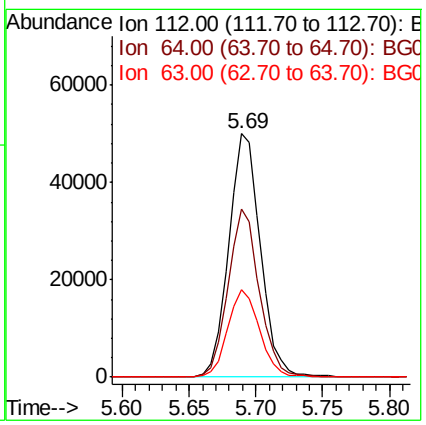


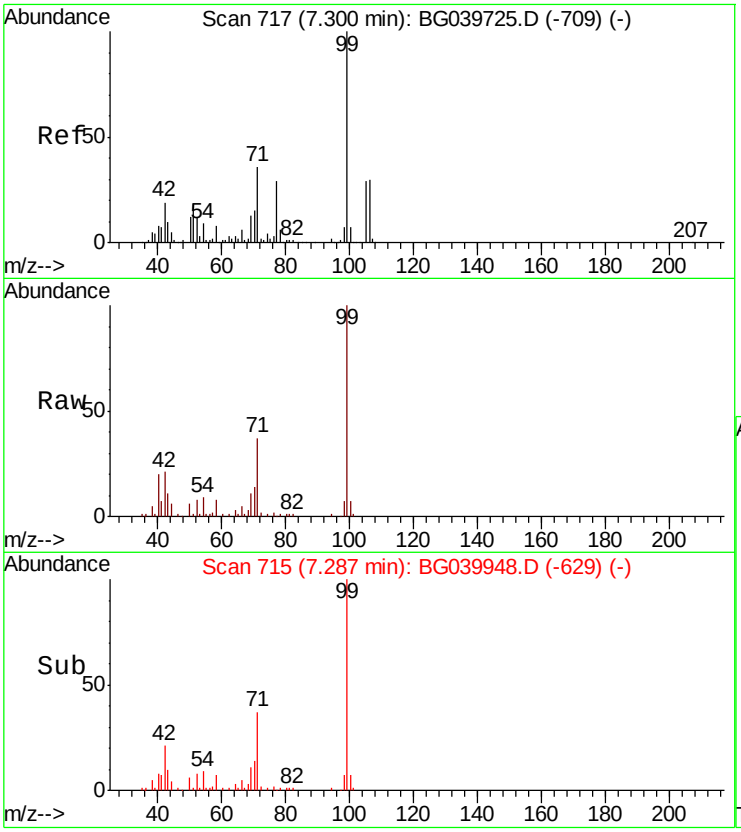


#5
2-Fluorophenol
Concen: 35.037 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039948.D
Acq: 15 Mar 2019 19:28

Tgt Ion:112 Resp: 82771

Ion	Ratio	Lower	Upper
112	100		
64	69.1	57.8	86.8
63	35.9	29.8	44.6



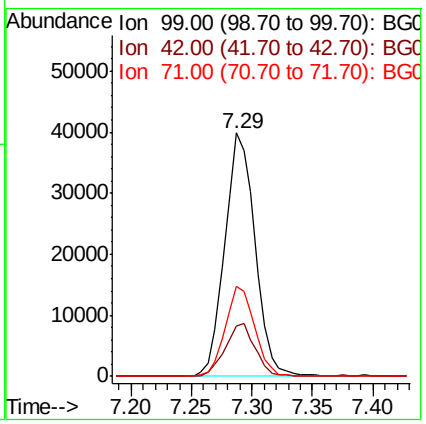


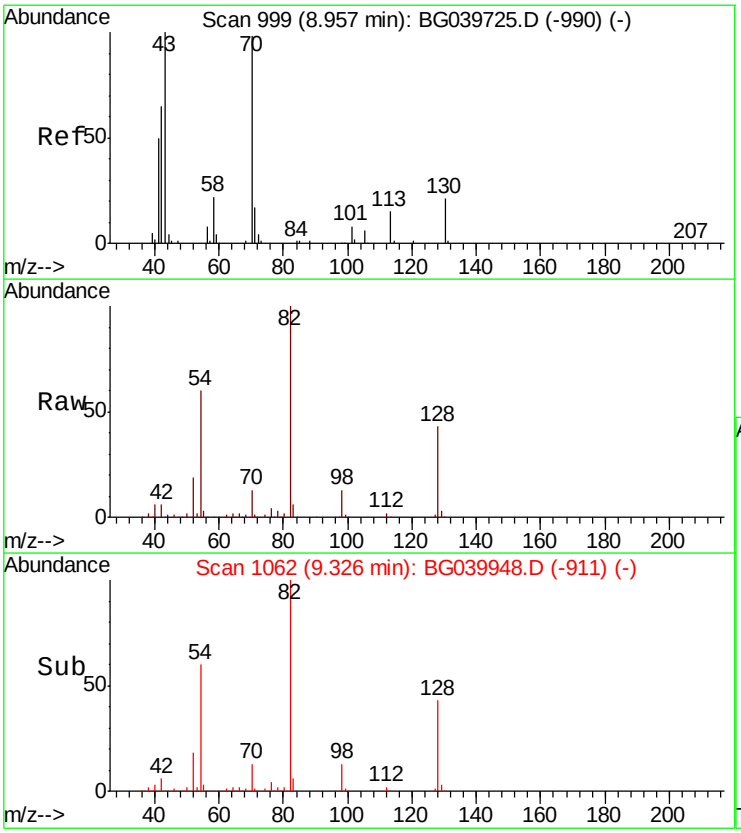
#7
Phenol-d6
Concen: 19.682 ng
RT: 7.29 min Scan# 715
Delta R.T. -0.03 min
Lab File: BG039948.D
Acq: 15 Mar 2019 19:28

Instrument :
BNA_G
ClientSampleId :
101-102

Tgt Ion: 99 Resp: 69327

Ion	Ratio	Lower	Upper
99	100		
42	20.7	18.2	27.2
71	36.8	28.0	42.0

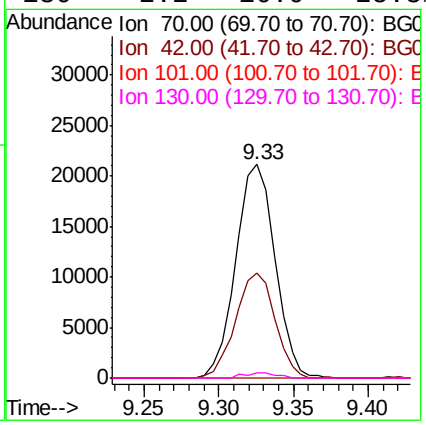


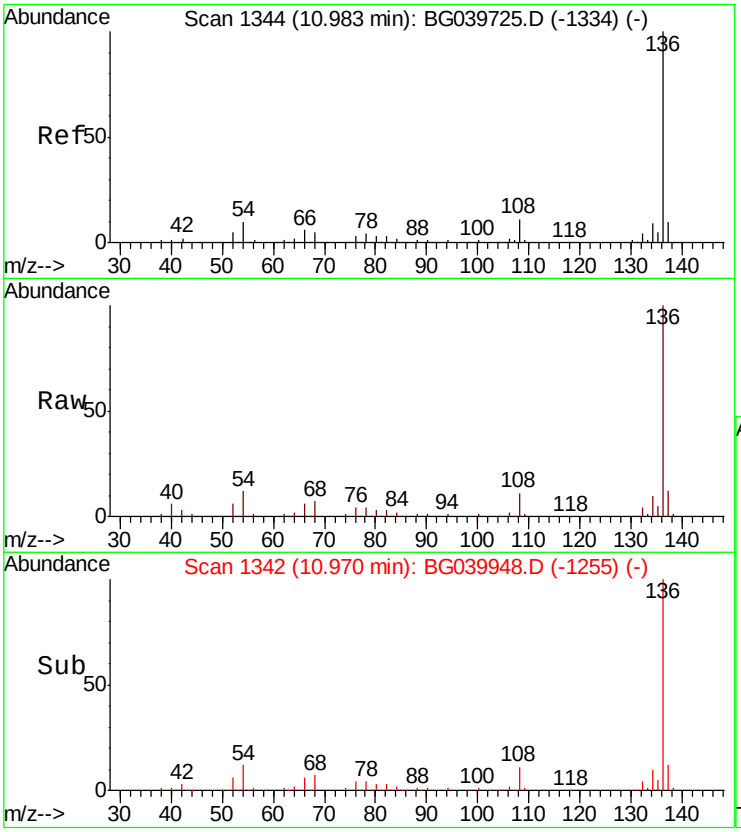


#19
n-Nitroso-di-n-propylamine
Concen: 15.196 ng
RT: 9.33 min Scan# 1062
Delta R.T. 0.36 min
Lab File: BG039948.D
Acq: 15 Mar 2019 19:28

Tgt Ion: 70 Resp: 38528

Ion	Ratio	Lower	Upper
70	100		
42	49.0	60.4	90.6#
101	0.0	7.5	11.3#
130	2.2	16.9	25.3#



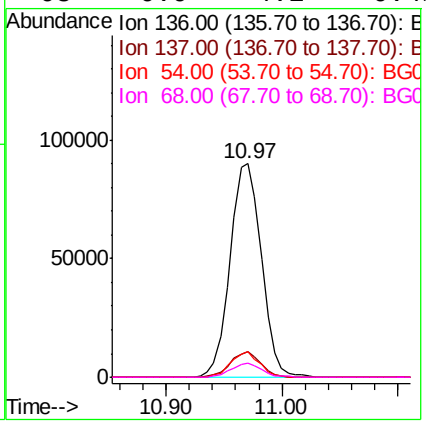


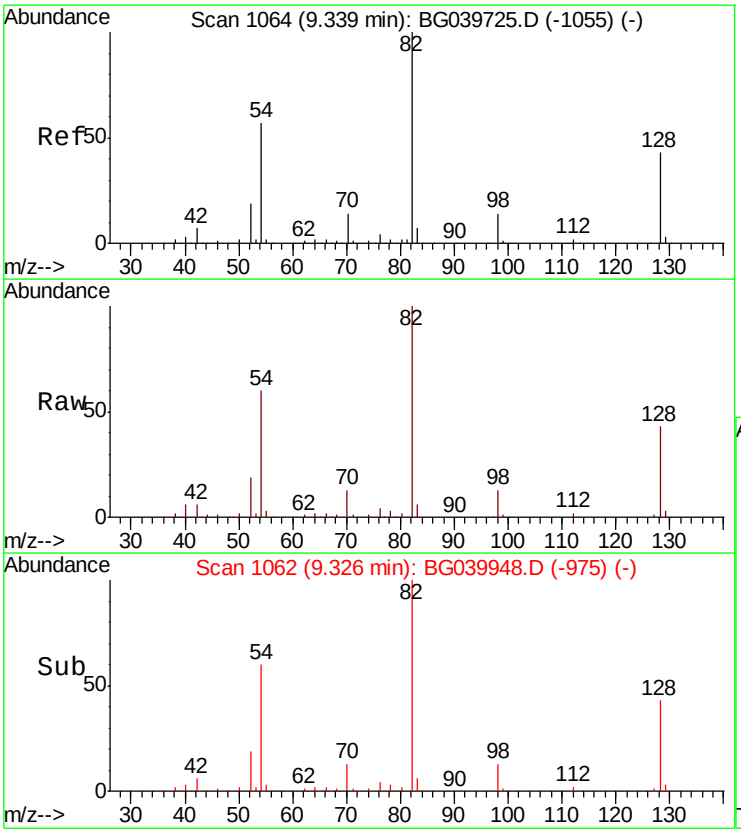
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039948.D
Acq: 15 Mar 2019 19:28

Instrument :
BNA_G
ClientSampleId :
101-102

Tgt Ion:136 Resp: 168647

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.1	13.7
54	11.9	9.4	14.2
68	6.9	4.2	6.4#

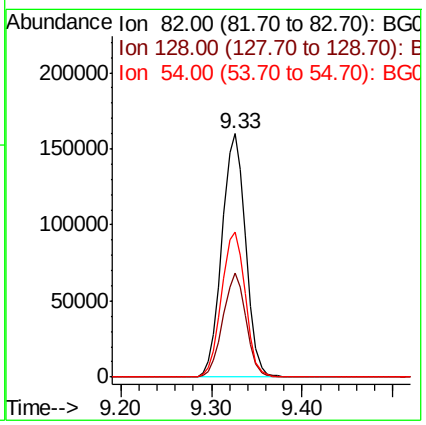


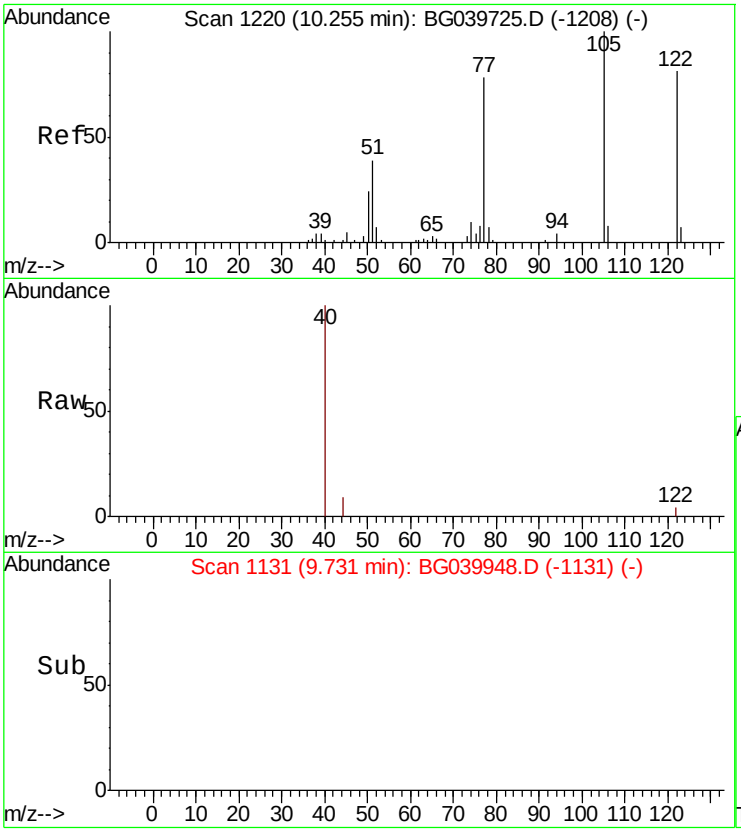


#23
Nitrobenzene-d5
Concen: 92.846 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039948.D
Acq: 15 Mar 2019 19:28

Tgt Ion: 82 Resp: 289515

Ion	Ratio	Lower	Upper
82	100		
128	42.6	31.3	46.9
54	59.7	50.9	76.3



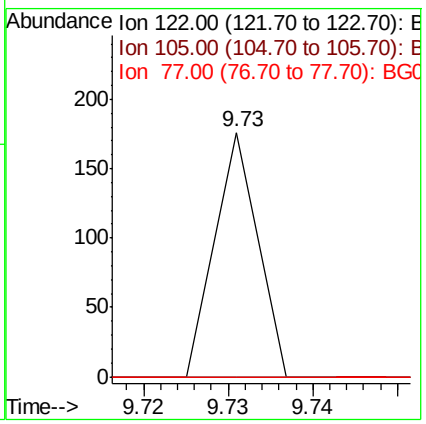


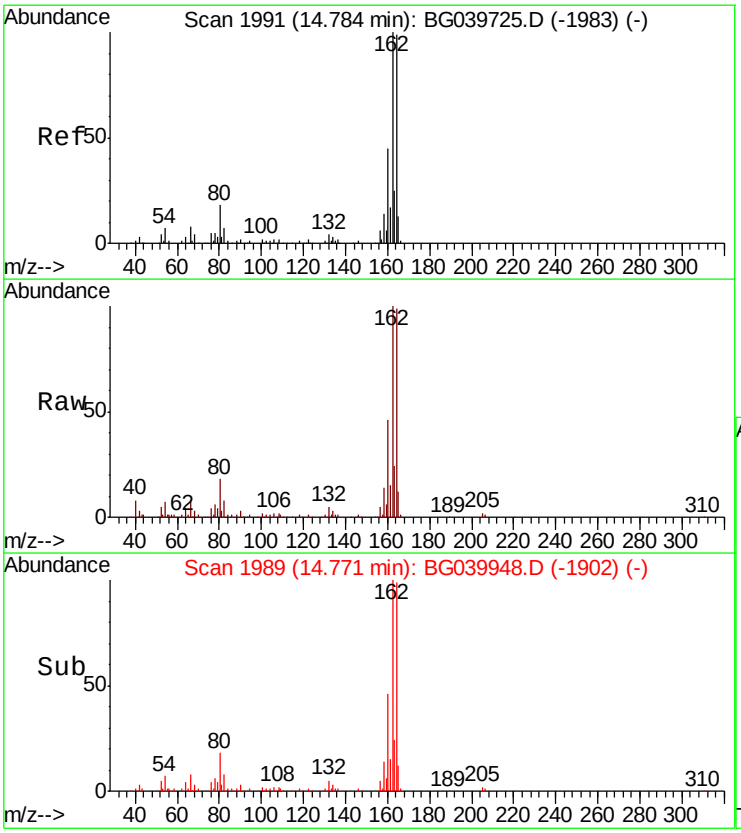
#32
Benzoic acid
Concen: 6.630 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.53 min
Lab File: BG039948.D
Acq: 15 Mar 2019 19:28

Instrument :
BNA_G
ClientSampleId :
101-102

Tgt Ion:122 Resp: 62

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.8	141.8#
77	0.0	76.3	116.3#

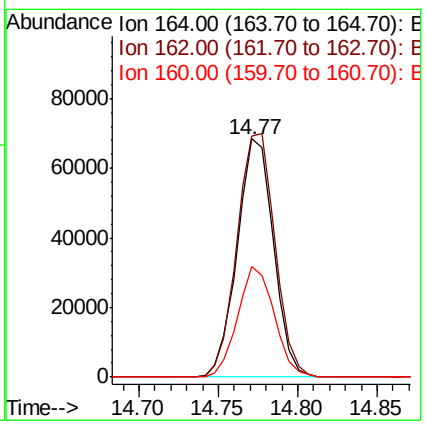


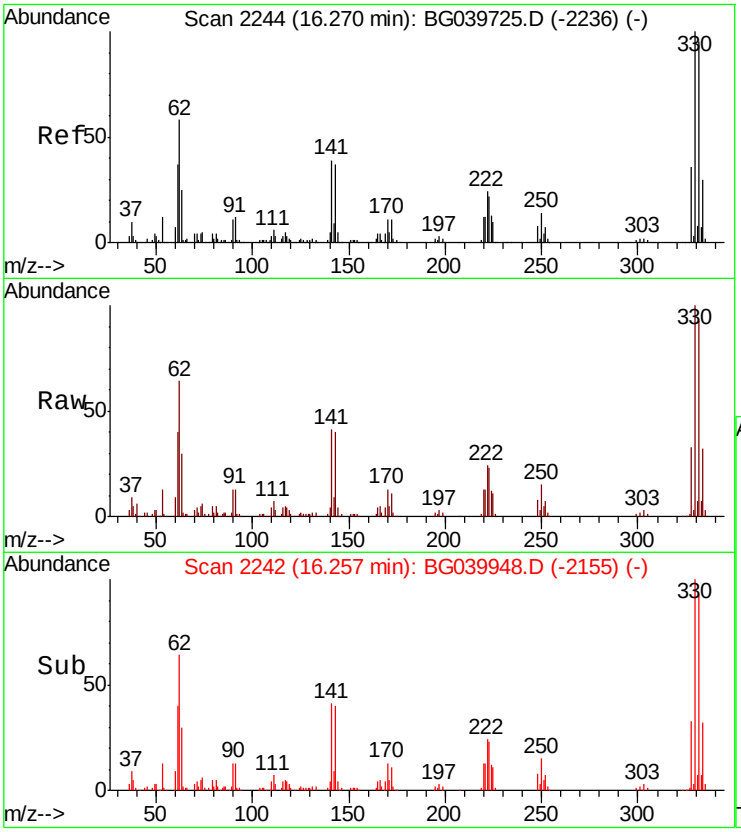


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG039948.D
Acq: 15 Mar 2019 19:28

Tgt Ion:164 Resp: 108621

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.6	122.4
160	46.4	34.2	51.2



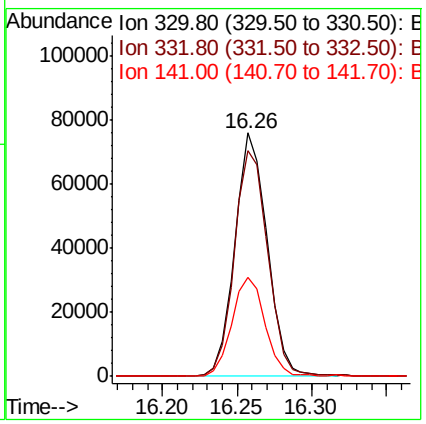


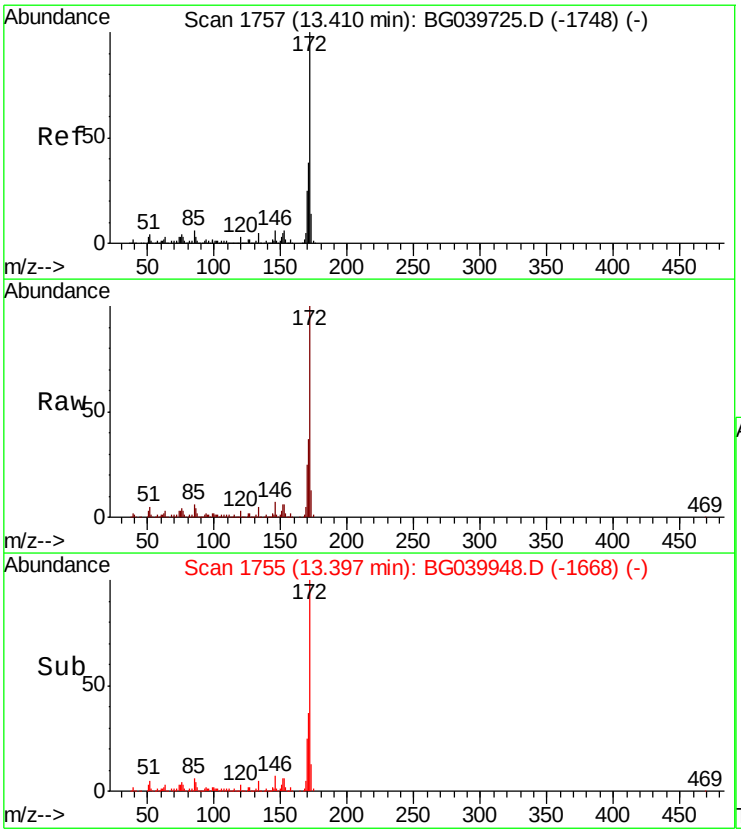
#42
2,4,6-Tribromophenol
Concen: 90.398 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.02 min
Lab File: BG039948.D
Acq: 15 Mar 2019 19:28

Instrument :
BNA_G
ClientSampleId :
101-102

Tgt Ion:330 Resp: 114449

Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.7	113.5
141	41.6	35.6	53.4

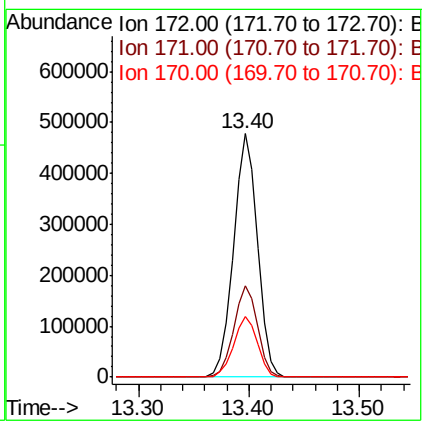


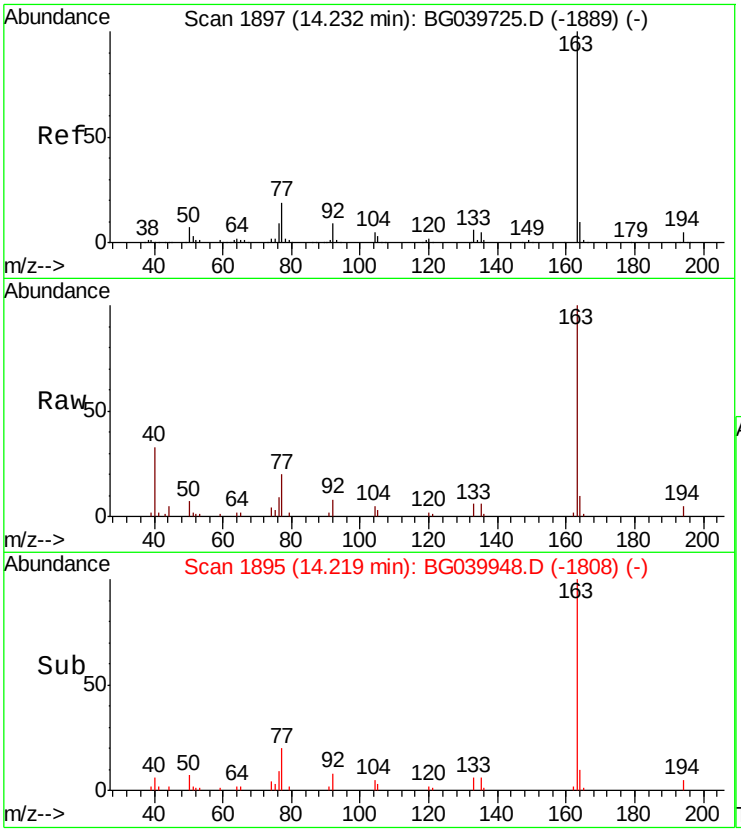


#45
2-Fluorobiphenyl
Concen: 95.174 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG039948.D
Acq: 15 Mar 2019 19:28

Tgt Ion:172 Resp: 726059

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.8	46.2
170	25.1	20.2	30.4



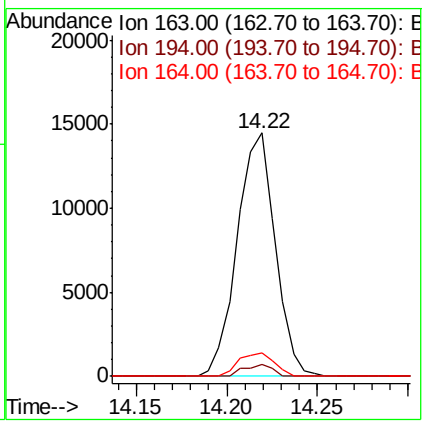


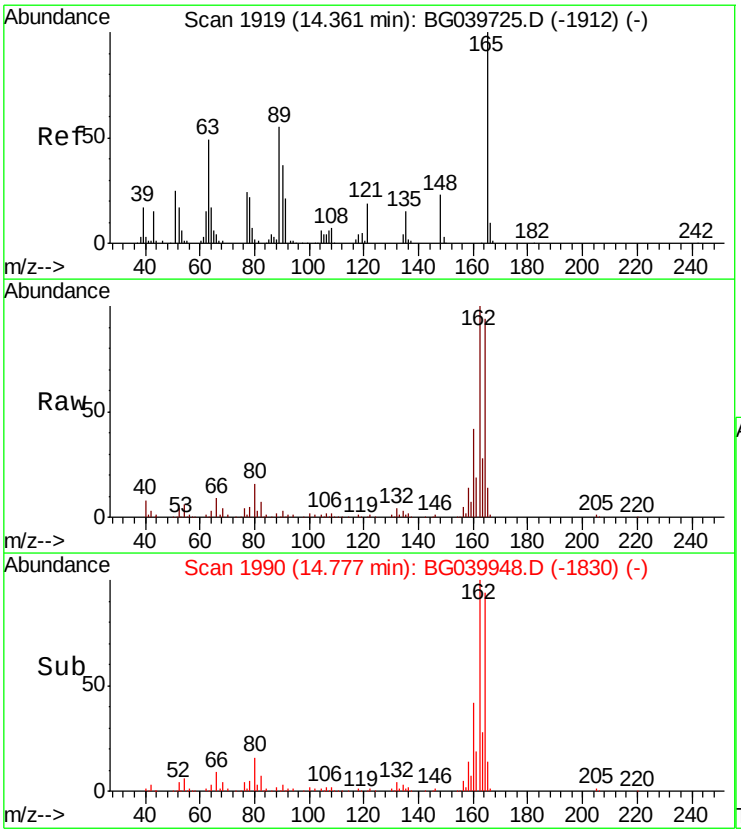
#50
Dimethylphthalate
Concen: 2.323 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BG039948.D
Acq: 15 Mar 2019 19:28

Instrument :
BNA_G
ClientSampleId :
101-102

Tgt Ion:163 Resp: 21102

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.6	5.4
164	9.5	8.4	12.6

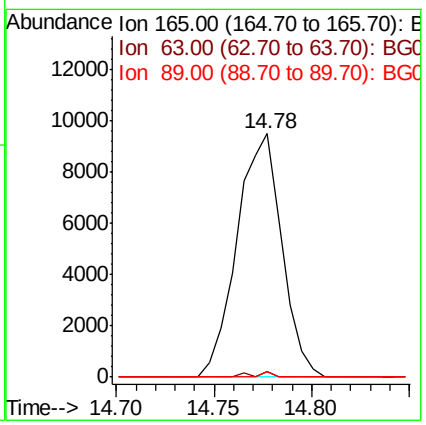


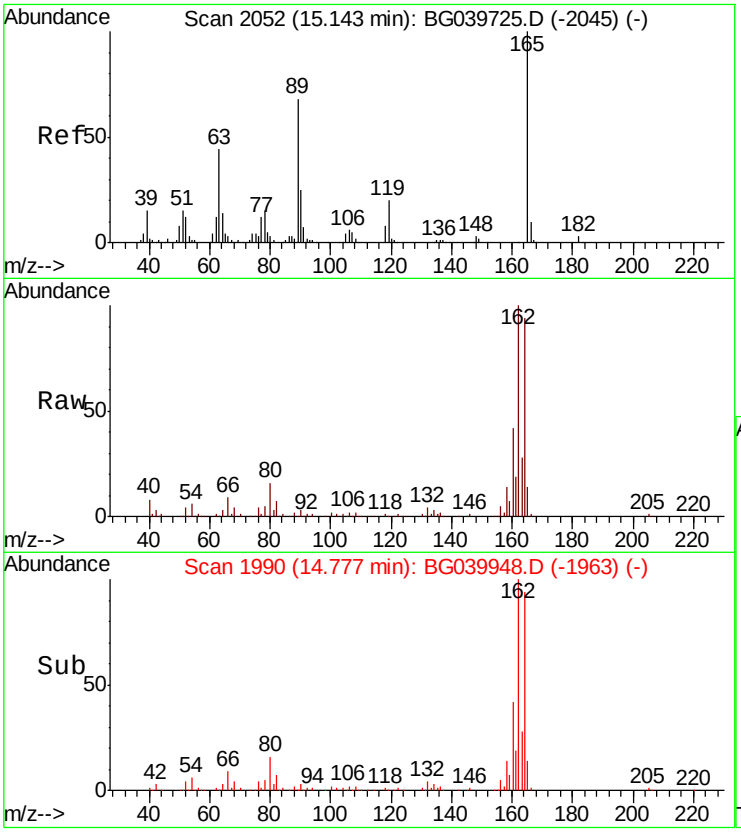


#51
2,6-Dinitrotoluene
Concen: 7.816 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.41 min
Lab File: BG039948.D
Acq: 15 Mar 2019 19:28

Tgt Ion:165 Resp: 15049

Ion	Ratio	Lower	Upper
165	100		
63	2.4	47.0	70.6#
89	2.4	45.8	68.8#



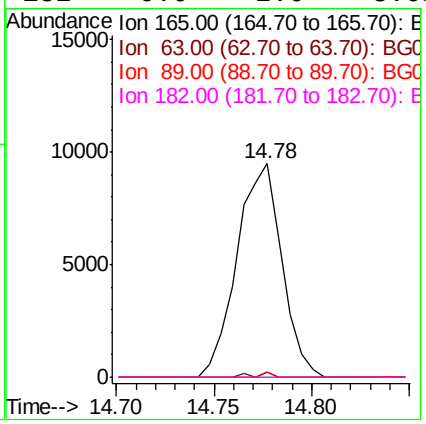


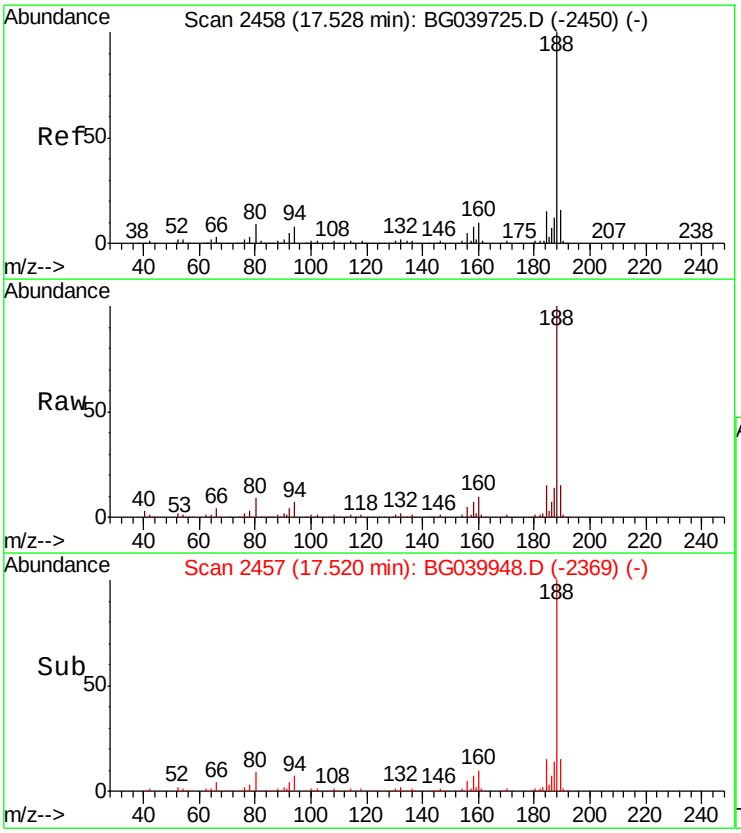
#57
2,4-Dinitrotoluene
Concen: 5.562 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.37 min
Lab File: BG039948.D
Acq: 15 Mar 2019 19:28

Instrument :
BNA_G
ClientSampleId :
101-102

Tgt Ion:165 Resp: 15049

Ion	Ratio	Lower	Upper
165	100		
63	2.4	41.0	61.6#
89	2.4	64.6	96.8#
182	0.0	2.0	3.0#

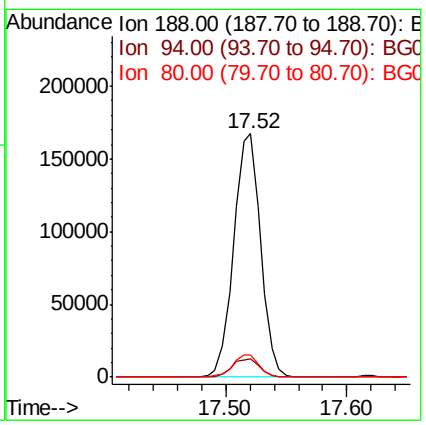


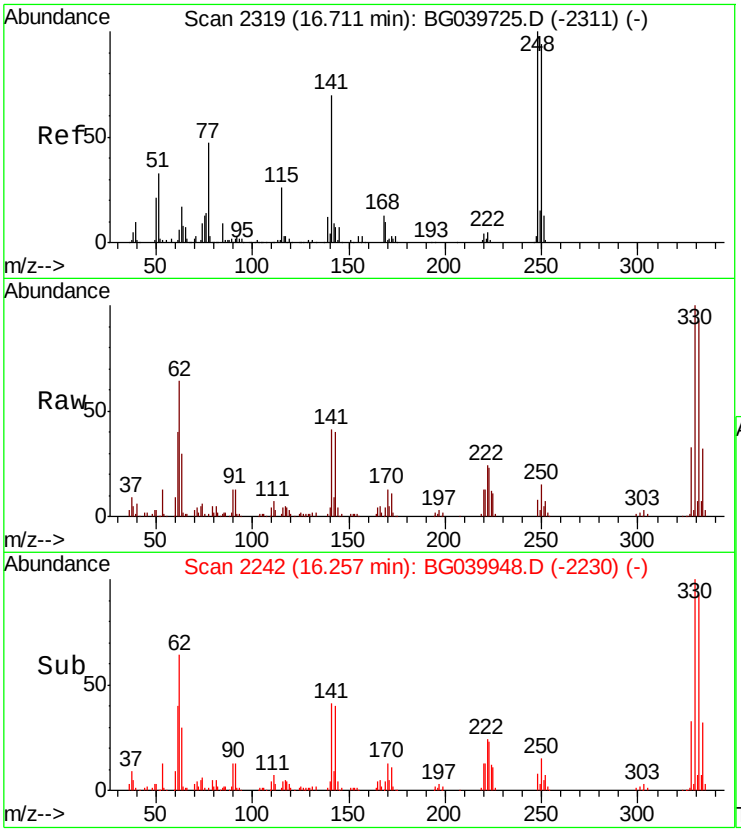


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039948.D
Acq: 15 Mar 2019 19:28

Tgt Ion:188 Resp: 259137

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.9	10.3
80	9.2	8.1	12.1



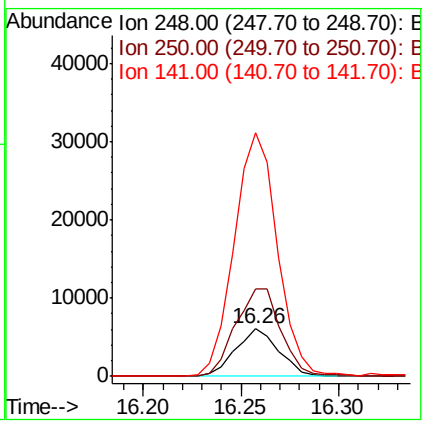


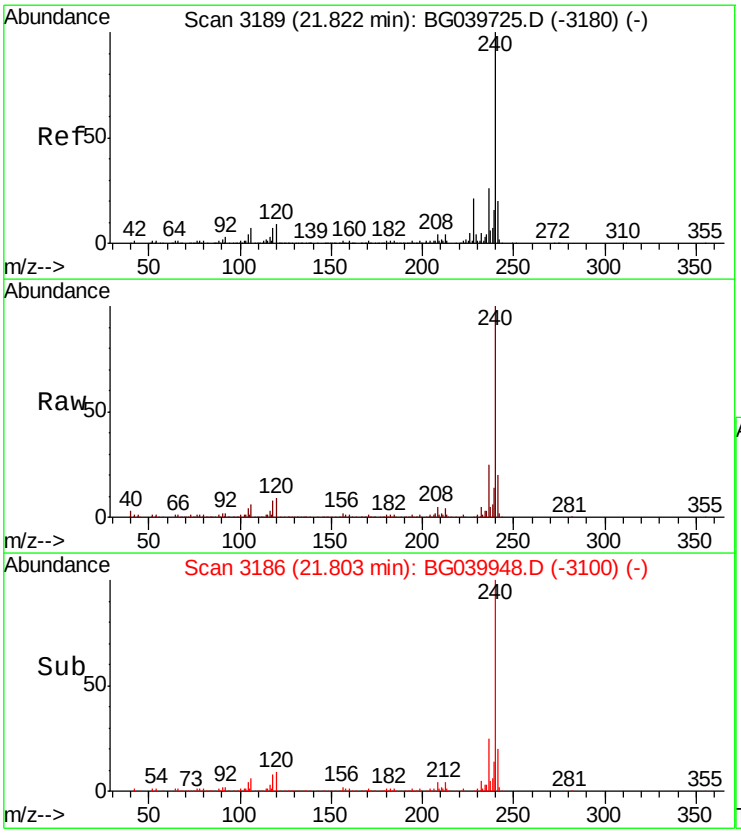
#67
4-Bromophenyl-phenylether
Concen: 3.179 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.46 min
Lab File: BG039948.D
Acq: 15 Mar 2019 19:28

Instrument :
BNA_G
ClientSampleId :
101-102

Tgt Ion:248 Resp: 9220

Ion	Ratio	Lower	Upper
248	100		
250	183.5	77.6	116.4#
141	514.0	63.9	95.9#

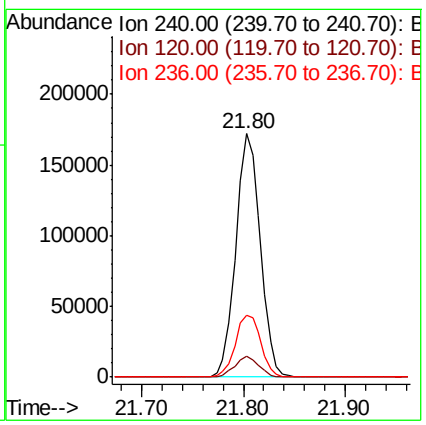


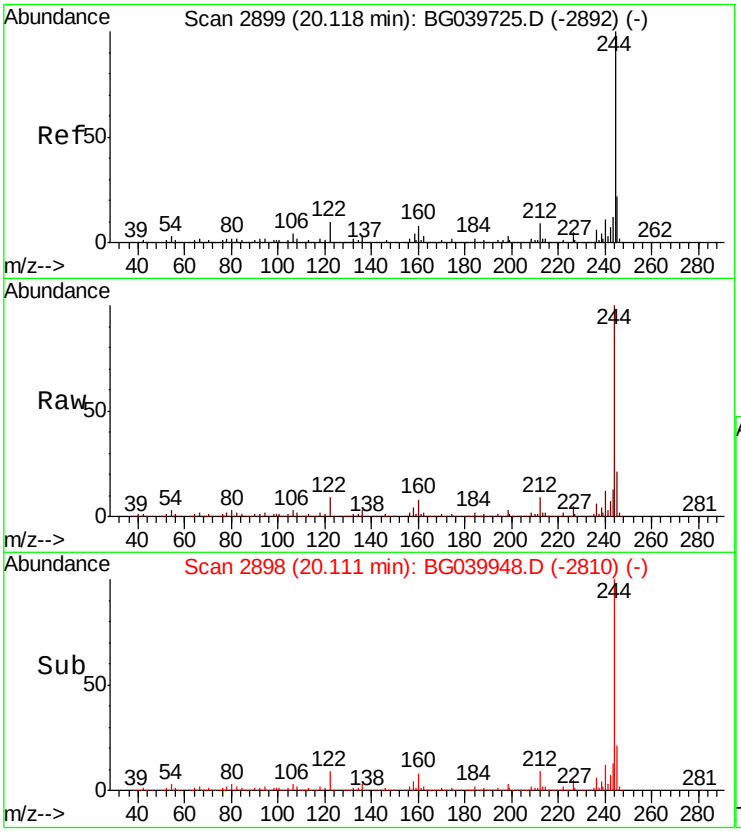


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.03 min
Lab File: BG039948.D
Acq: 15 Mar 2019 19:28

Tgt Ion:240 Resp: 287788

Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.0	10.6
236	25.4	21.0	31.4



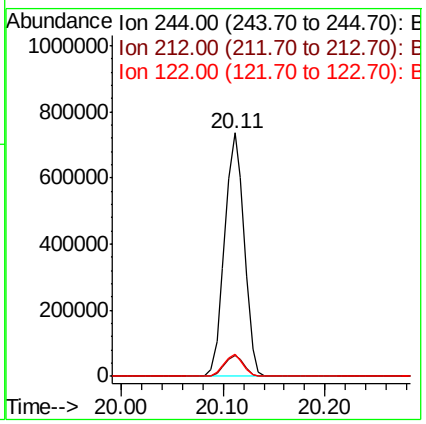


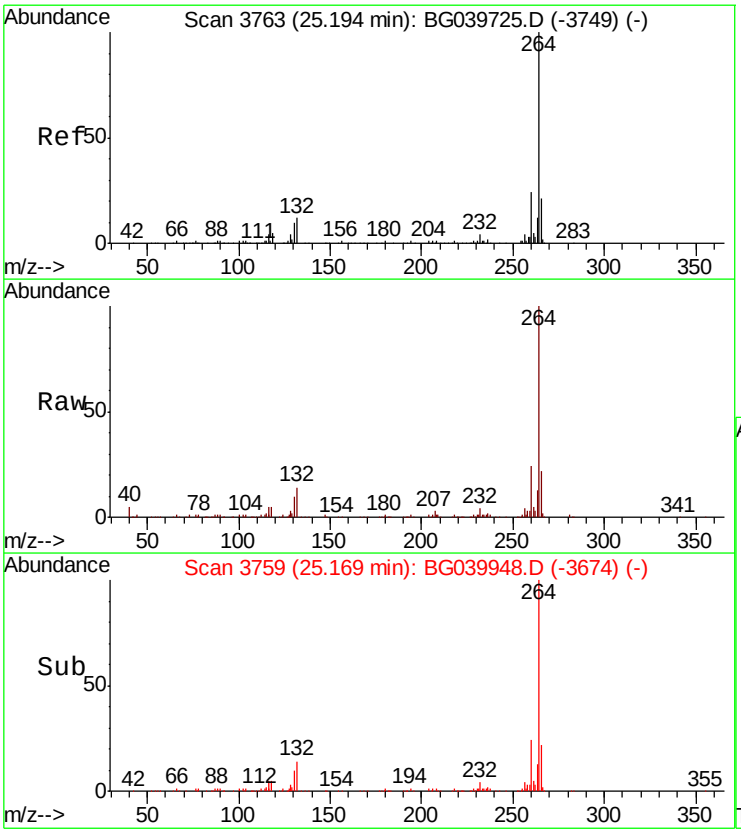
#79
Terphenyl-d14
Concen: 75.634 ng
RT: 20.11 min Scan# 2898
Delta R.T. -0.01 min
Lab File: BG039948.D
Acq: 15 Mar 2019 19:28

Instrument :
BNA_G
ClientSampleId :
101-102

Tgt Ion:244 Resp: 988581

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.3	10.9
122	9.2	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.17 min Scan# 3759
Delta R.T. -0.03 min
Lab File: BG039948.D
Acq: 15 Mar 2019 19:28

Tgt Ion:264 Resp: 295383

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	21.6	18.5	27.7