Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032819\
Data File : BG040220.D
Acq On : 29 Mar 2019 5:03
Operator : JU/SJ
Sample : K2107-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2

Quant Time: Mar 29 05:51:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	59750	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	239928	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	147166	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	370021	20.00	ng	0.00
76) Chrysene-d12	21.72	240	400393	20.00	ng	0.00
87) Perylene-d12	25.02	264	395019	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	405630	112.86	ng	0.00
7) Phenol-d6	7.22	99	497789	100.22	ng	0.00
23) Nitrobenzene-d5	9.24	82	384453	85.17	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	212893	133.85	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	841449	84.72	ng	0.00
79) Terphenyl-d14	20.05	244	1463254	82.21	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.24	70	47582	13.361	ng	# 74
51) 2,6-Dinitrotoluene	14.70	165	18936	7.322	ng	# 26
57) 2,4-Dinitrotoluene	14.70	165	18936	5.270	ng	# 26
67) 4-Bromophenyl-phenylether	16.19	248	16004	3.843	ng	# 1

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

Quantitation Report (Not Reviewed)

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Acq On : 29 Mar 2019 5:03
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Misc :
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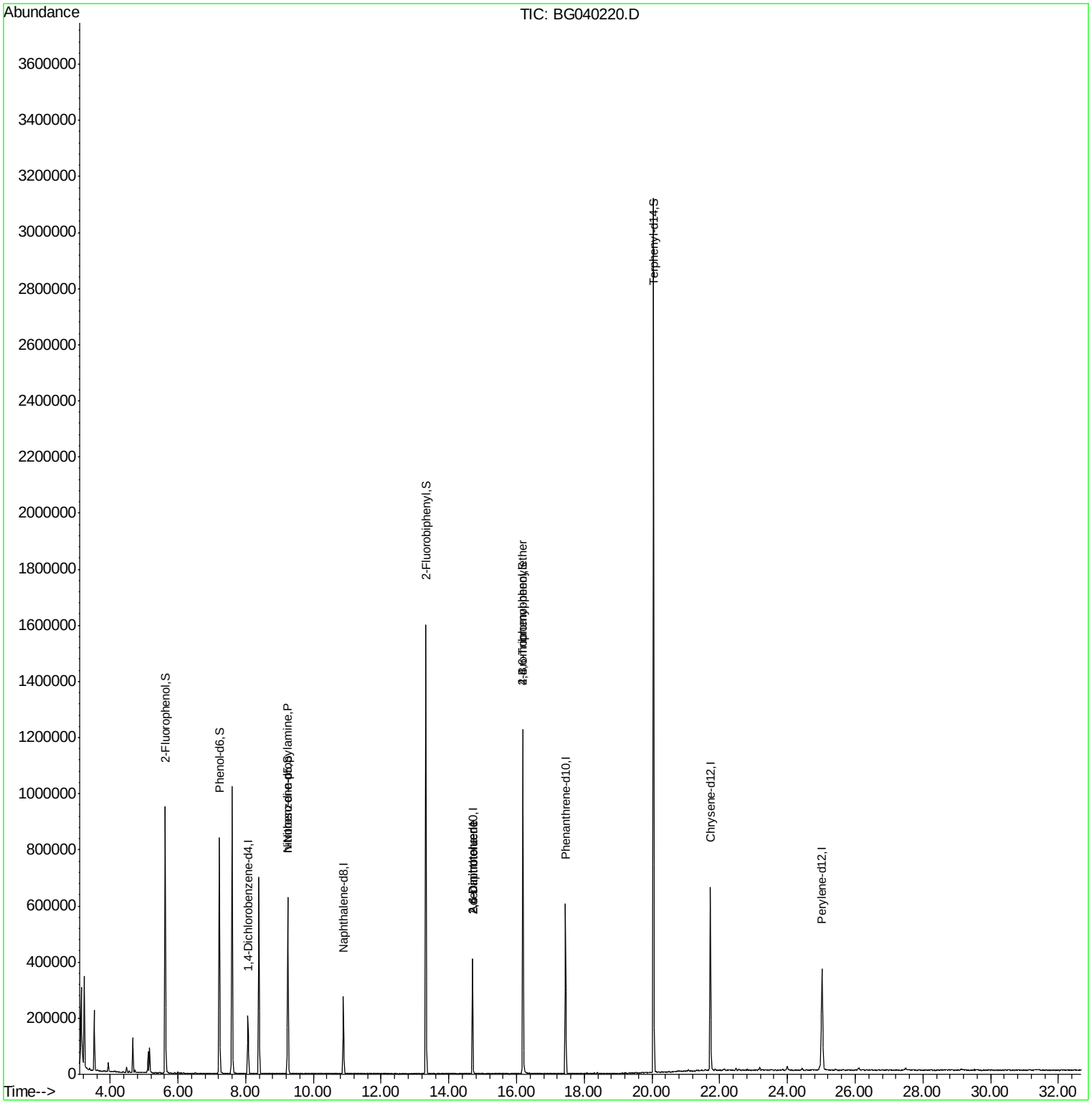
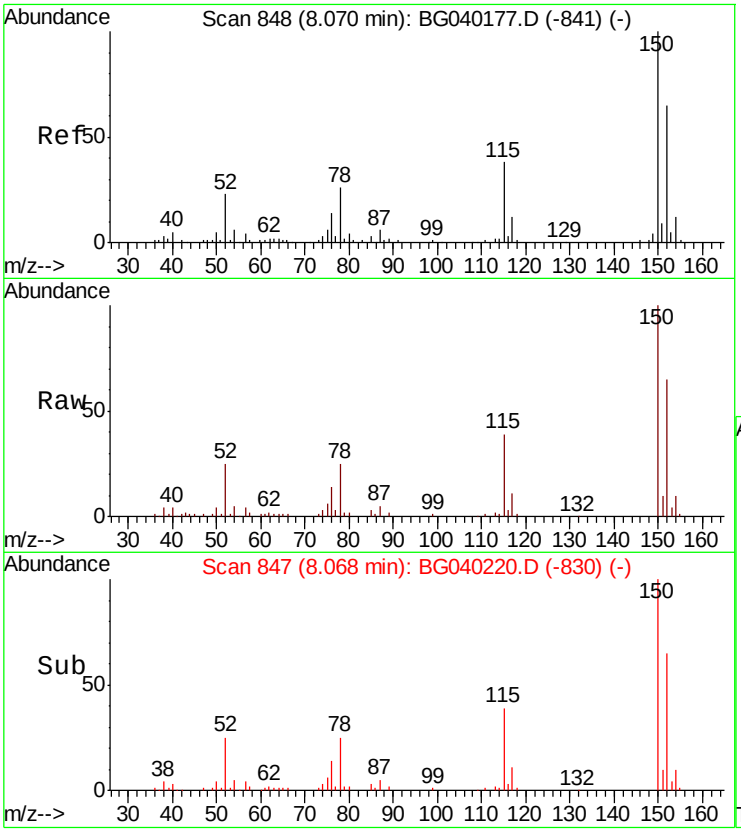


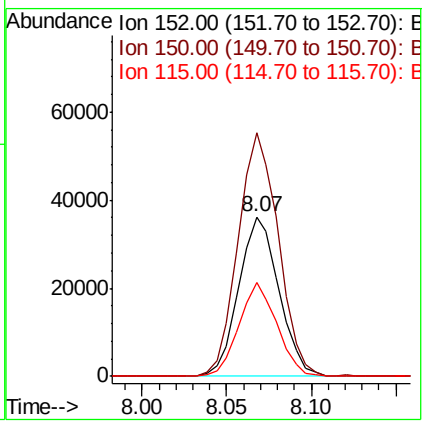


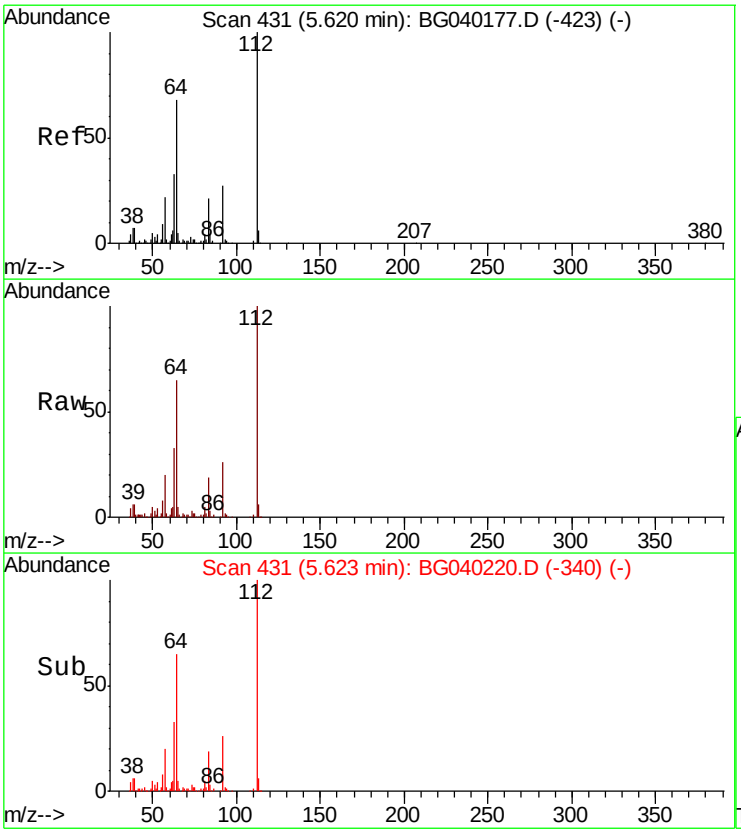
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BG040220.D
Acq: 29 Mar 2019 5:03

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:152 Resp: 59750

Ion	Ratio	Lower	Upper
152	100		
150	152.7	123.7	185.5
115	58.9	46.9	70.3

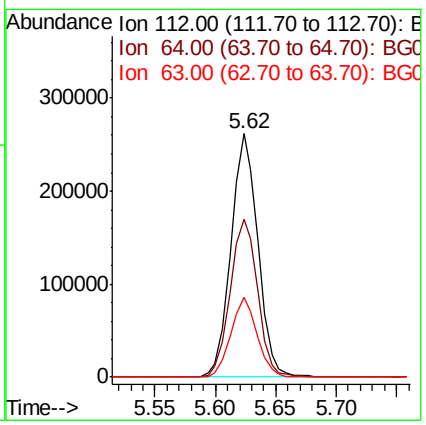


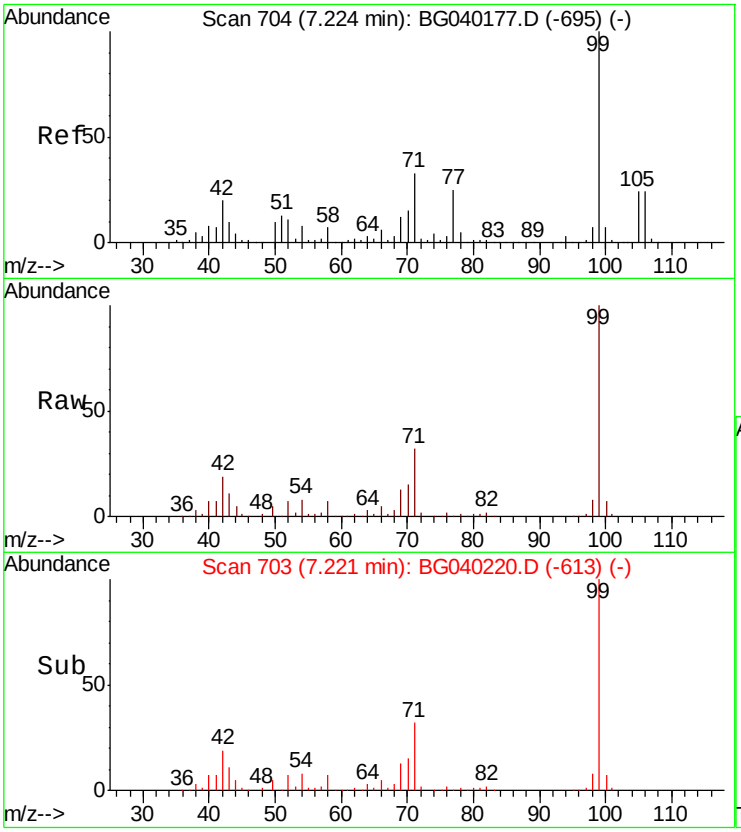


#5
2-Fluorophenol
Concen: 112.858 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG040220.D
Acq: 29 Mar 2019 5:03

Tgt Ion:112 Resp: 405630

Ion	Ratio	Lower	Upper
112	100		
64	64.8	54.2	81.2
63	32.8	26.4	39.6



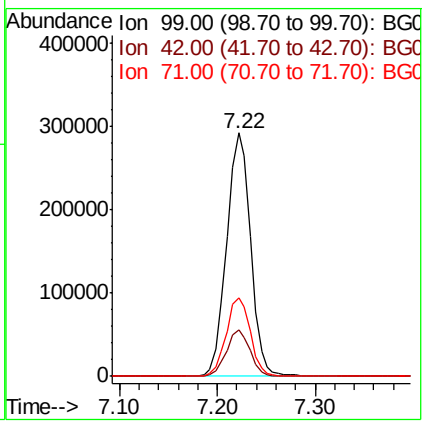


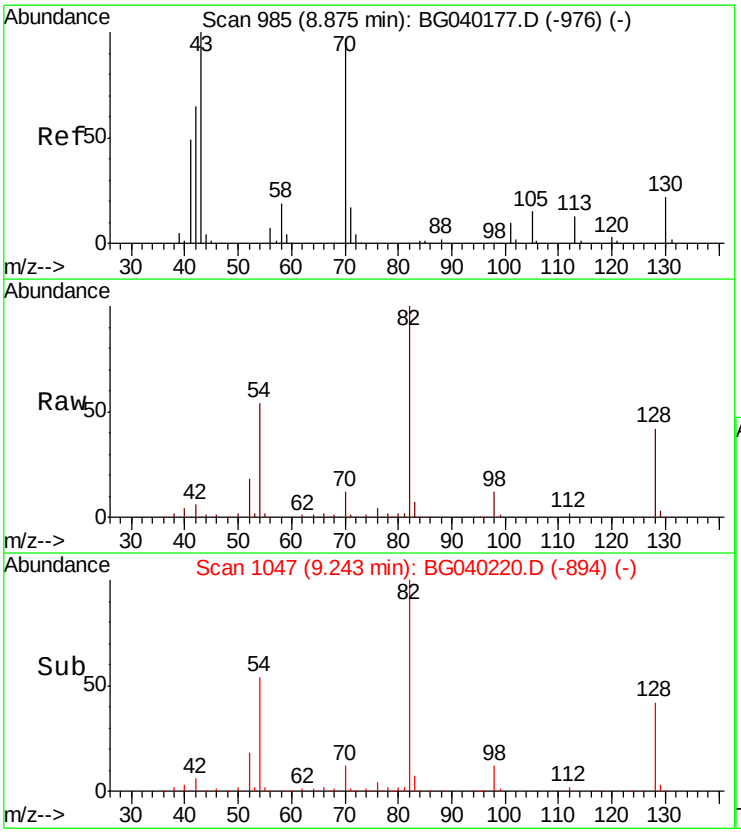
#7
Phenol-d6
Concen: 100.215 ng
RT: 7.22 min Scan# 703
Delta R.T. -0.00 min
Lab File: BG040220.D
Acq: 29 Mar 2019 5:03

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion: 99 Resp: 497789

Ion	Ratio	Lower	Upper
99	100		
42	19.0	16.2	24.2
71	32.2	26.8	40.2

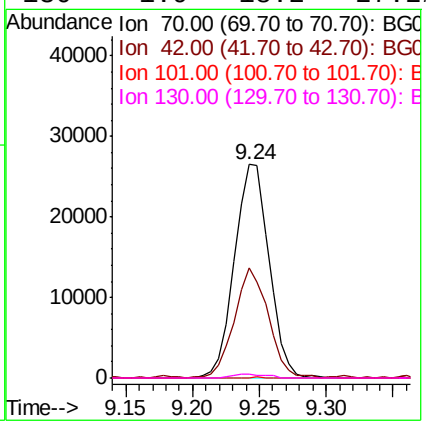


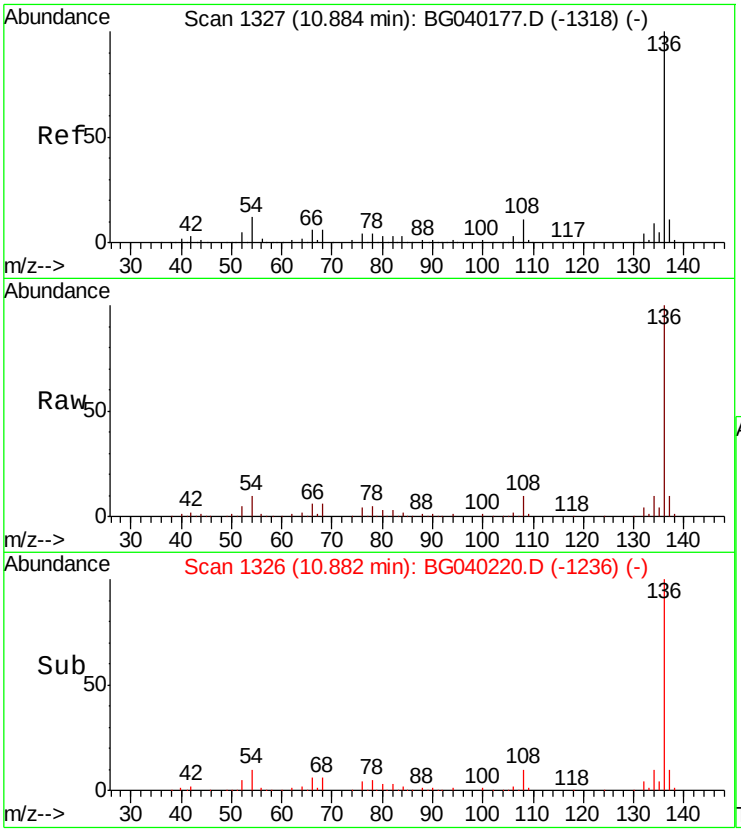


#19
n-Nitroso-di-n-propylamine
Concen: 13.361 ng
RT: 9.24 min Scan# 1047
Delta R.T. 0.37 min
Lab File: BG040220.D
Acq: 29 Mar 2019 5:03

Tgt Ion: 70 Resp: 47582

Ion	Ratio	Lower	Upper
70	100		
42	51.5	54.0	81.0#
101	0.0	8.6	13.0#
130	1.9	18.2	27.2#



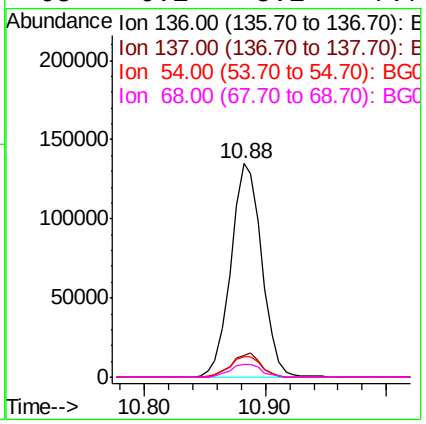


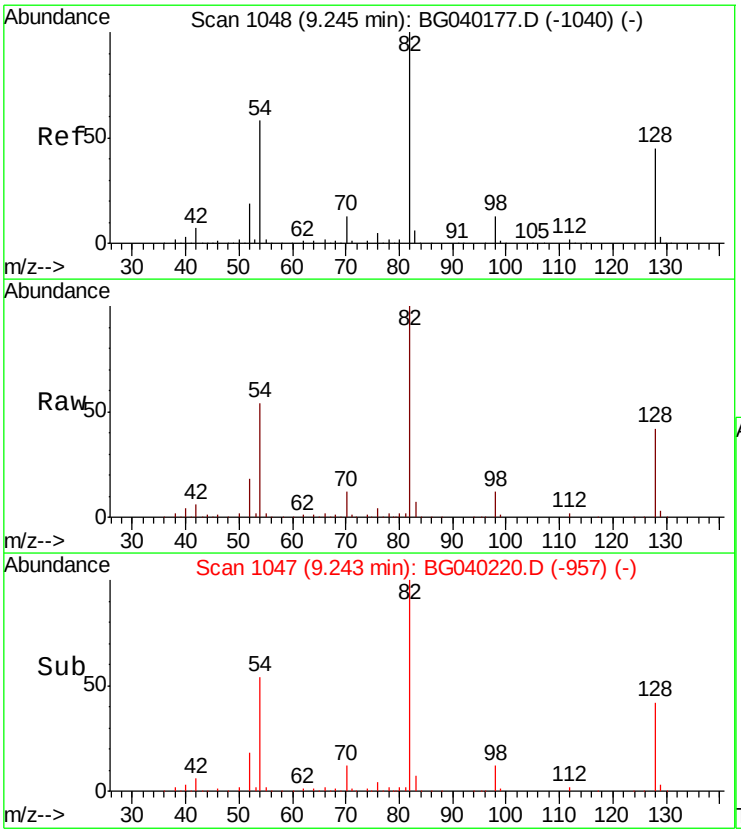
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG040220.D
Acq: 29 Mar 2019 5:03

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:136 Resp: 239928

Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.9	13.3
54	9.8	9.6	14.4
68	6.1	5.1	7.7

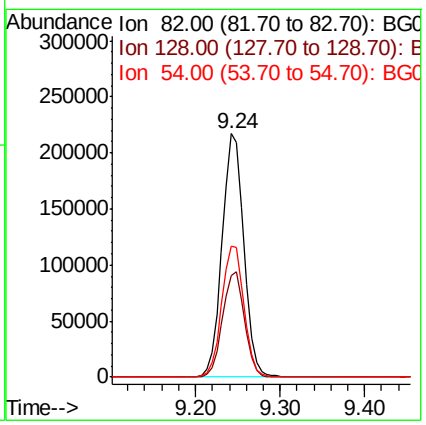


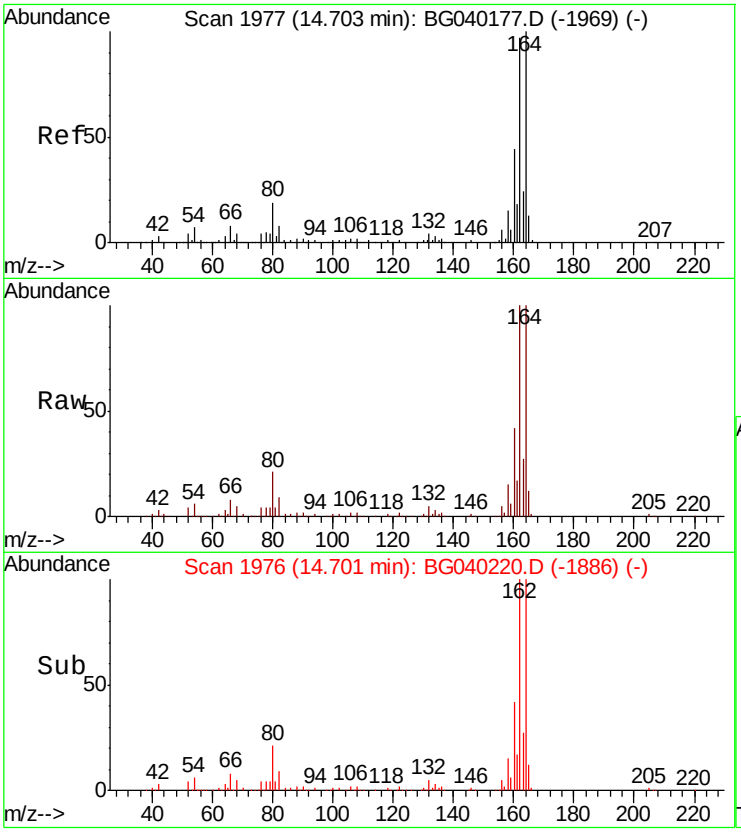


#23
Nitrobenzene-d5
Concen: 85.171 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG040220.D
Acq: 29 Mar 2019 5:03

Tgt Ion: 82 Resp: 384453

Ion	Ratio	Lower	Upper
82	100		
128	41.9	35.8	53.8
54	53.9	46.2	69.2



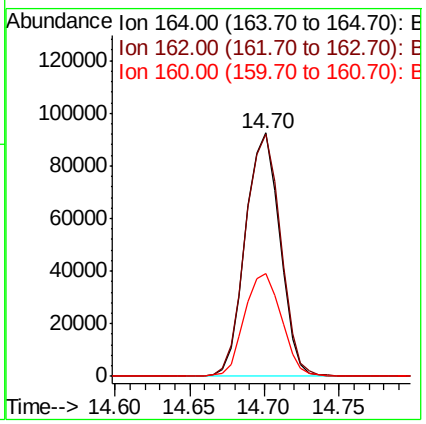


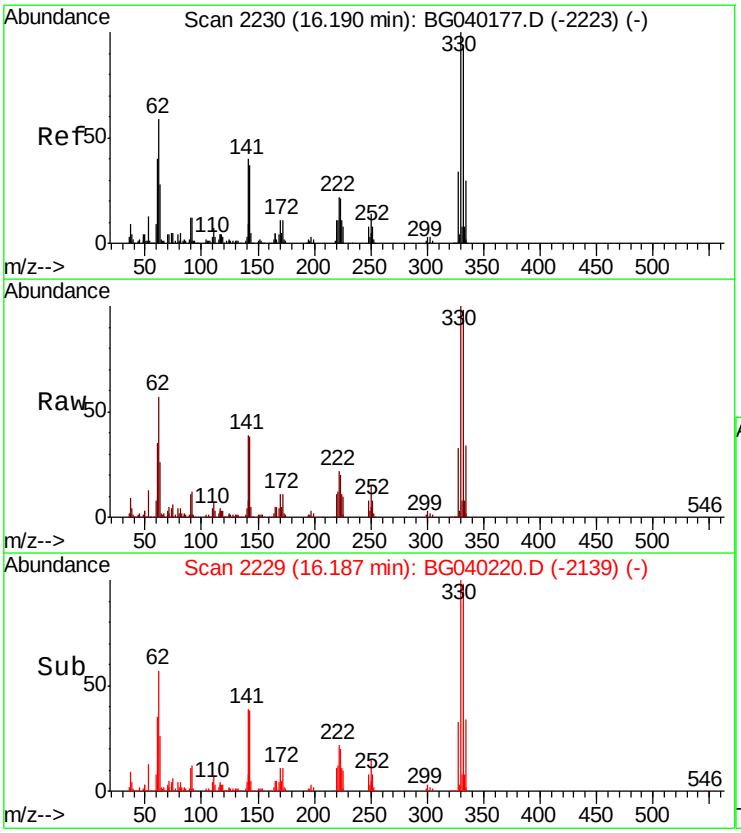
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG040220.D
Acq: 29 Mar 2019 5:03

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:164 Resp: 147166

Ion	Ratio	Lower	Upper
164	100		
162	99.5	77.4	116.2
160	42.0	35.3	52.9

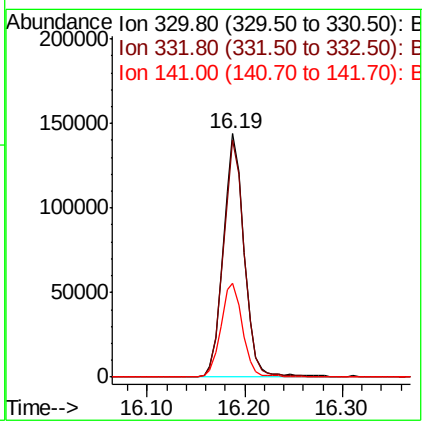


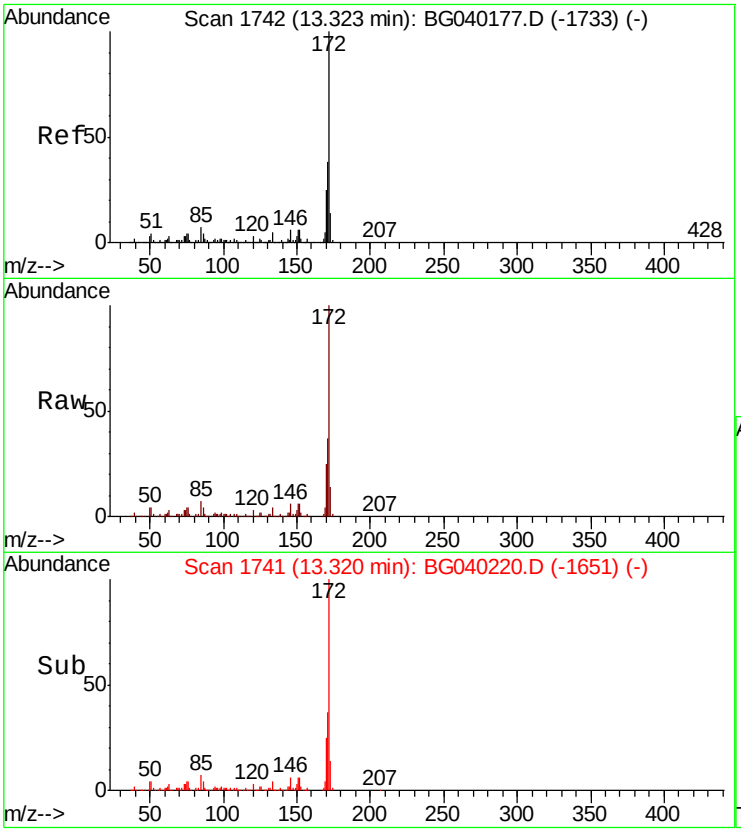


#42
2,4,6-Tribromophenol
Concen: 133.854 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BG040220.D
Acq: 29 Mar 2019 5:03

Tgt Ion:330 Resp: 212893

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	115.0
141	39.7	32.6	48.8



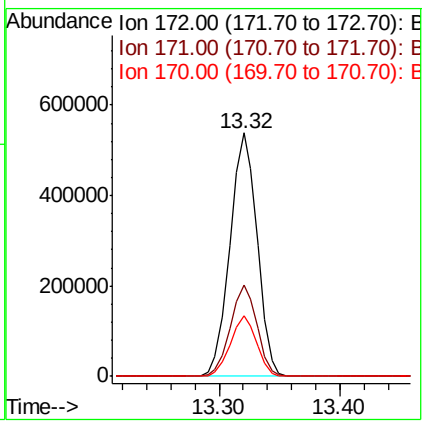


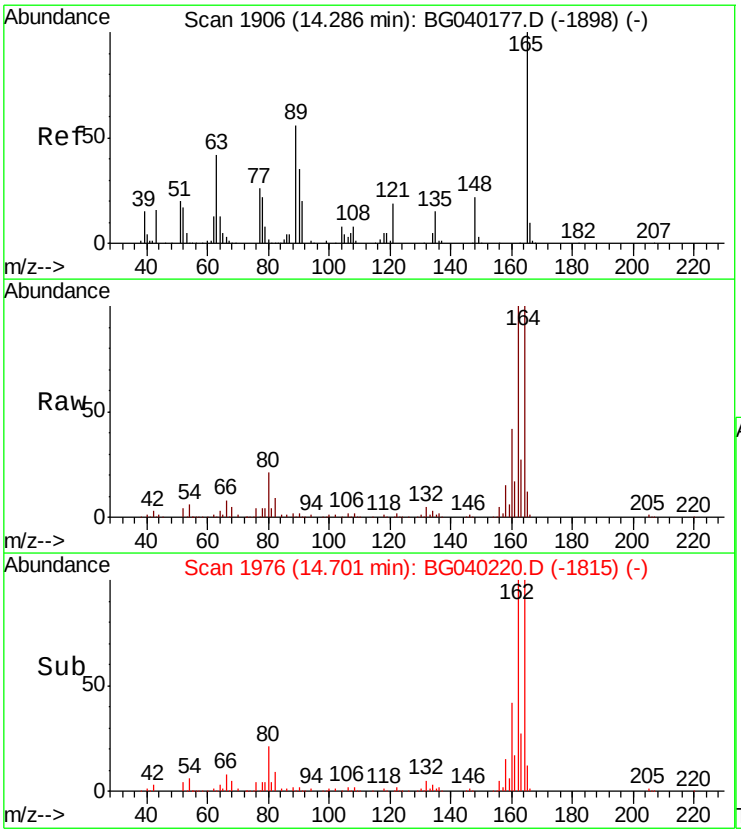
#45
2-Fluorobiphenyl
Concen: 84.723 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG040220.D
Acq: 29 Mar 2019 5:03

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:172 Resp: 841449

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.5	45.7
170	24.6	20.1	30.1

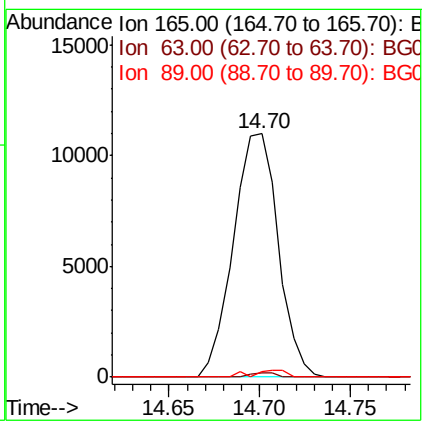


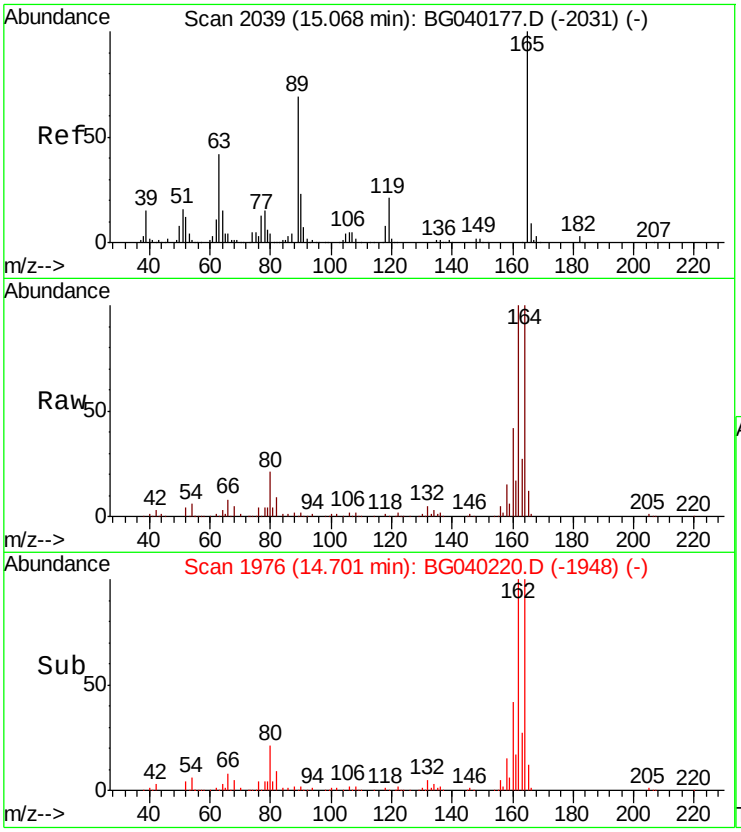


#51
2,6-Dinitrotoluene
Concen: 7.322 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.41 min
Lab File: BG040220.D
Acq: 29 Mar 2019 5:03

Tgt Ion:165 Resp: 18936

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.1	66.1#
89	2.1	44.9	67.3#



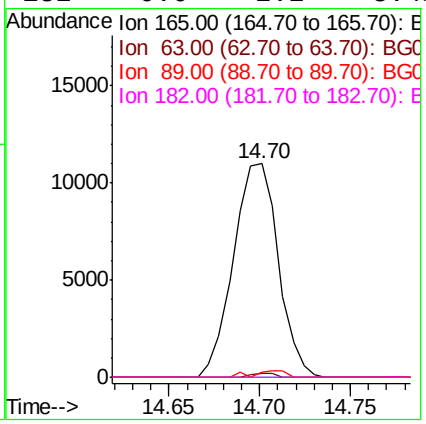


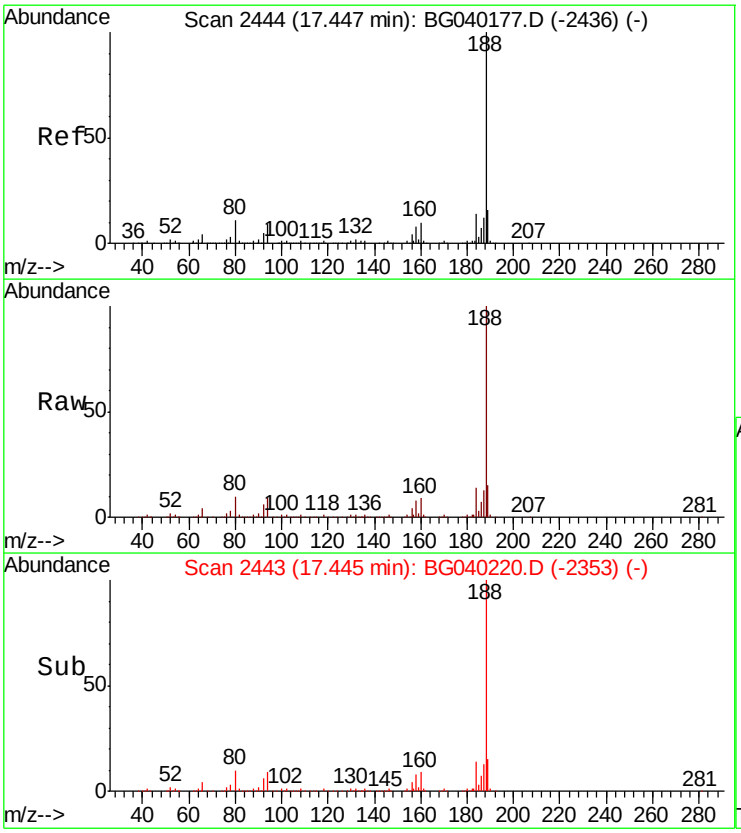
#57
2,4-Dinitrotoluene
Concen: 5.270 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.37 min
Lab File: BG040220.D
Acq: 29 Mar 2019 5:03

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:165 Resp: 18936

Ion	Ratio	Lower	Upper
165	100		
63	1.8	33.8	50.6#
89	2.1	55.4	83.2#
182	0.0	2.2	3.4#

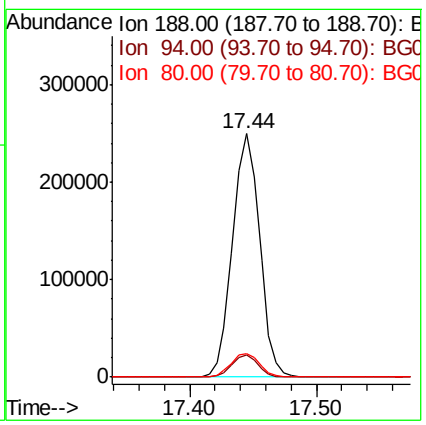


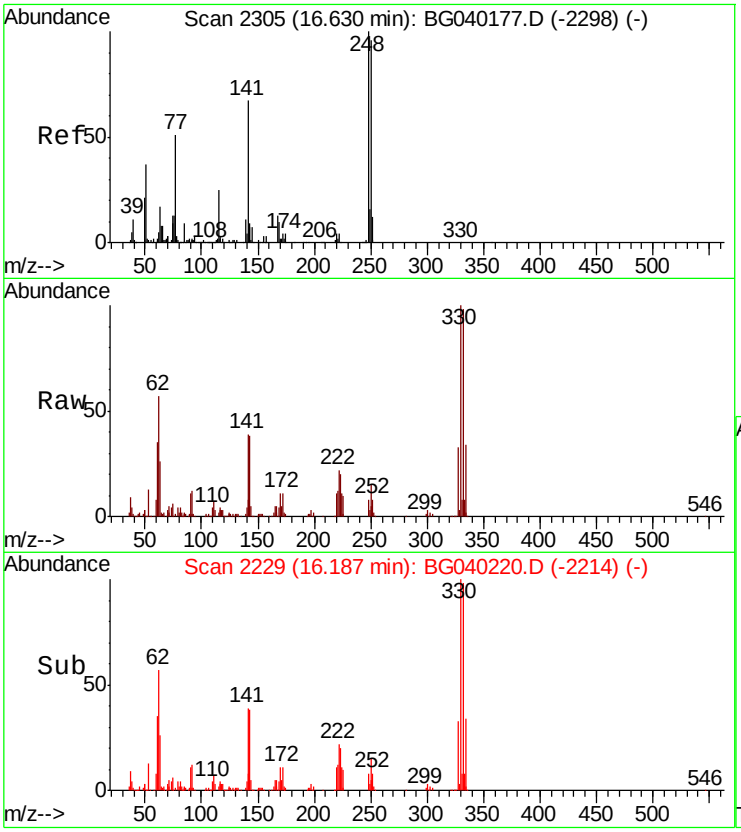


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG040220.D
Acq: 29 Mar 2019 5:03

Tgt Ion:188 Resp: 370021

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.4
80	9.7	8.6	13.0



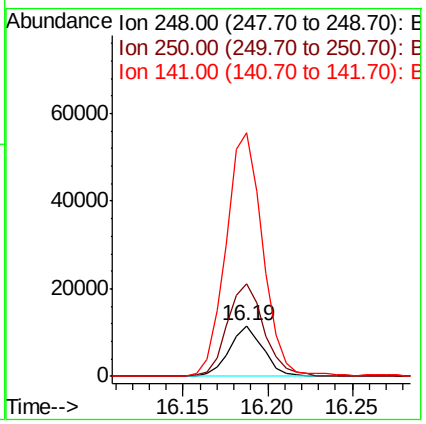


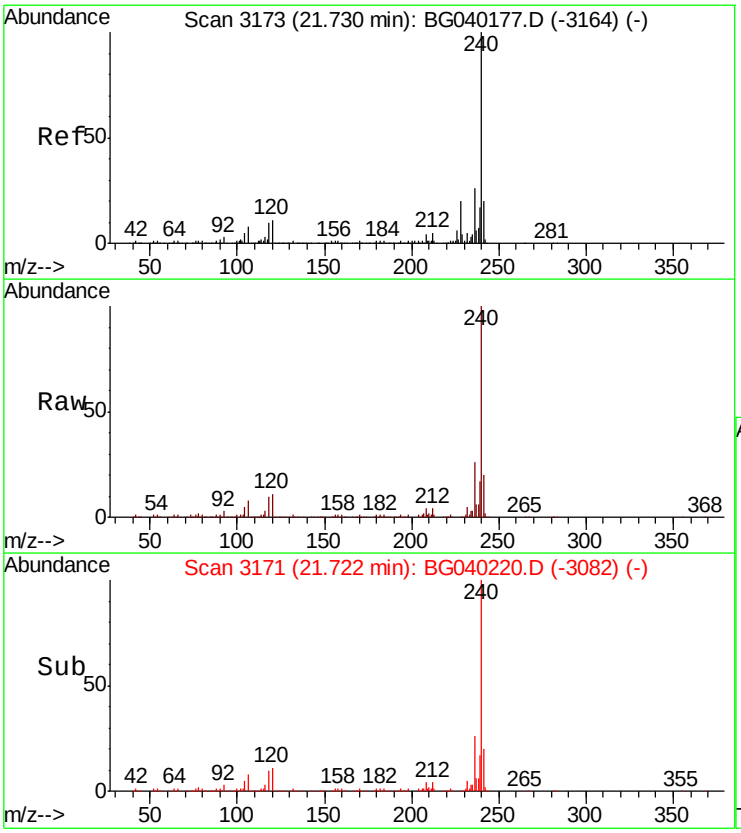
#67
4-Bromophenyl-phenylether
Concen: 3.843 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG040220.D
Acq: 29 Mar 2019 5:03

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:248 Resp: 16004

Ion	Ratio	Lower	Upper
248	100		
250	184.5	76.4	114.6#
141	483.5	53.8	80.8#

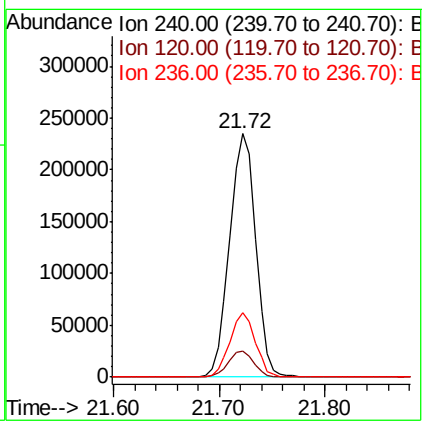


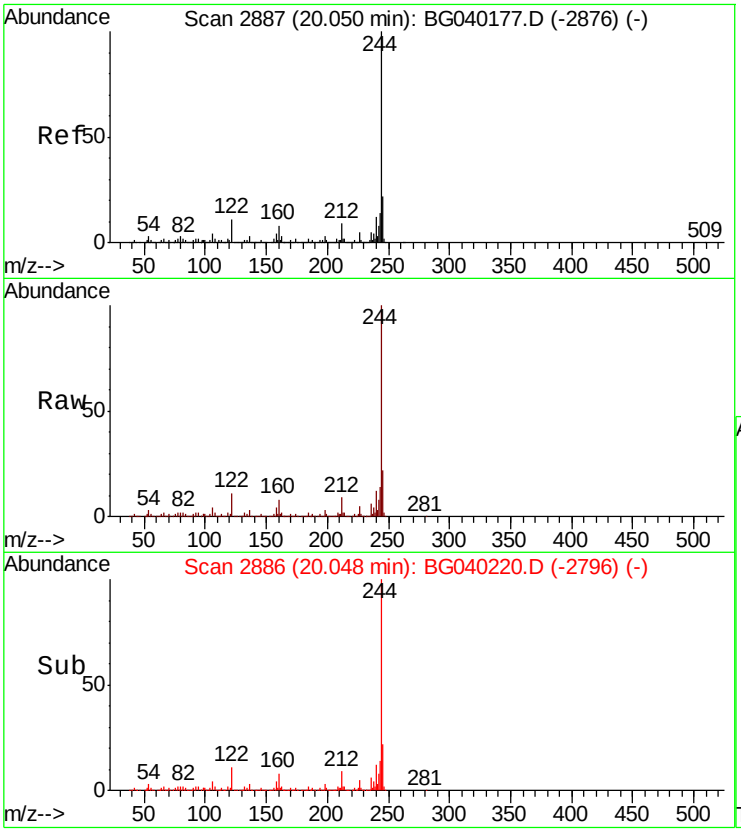


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG040220.D
Acq: 29 Mar 2019 5:03

Tgt Ion:240 Resp: 400393

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.4	12.6
236	26.4	20.8	31.2



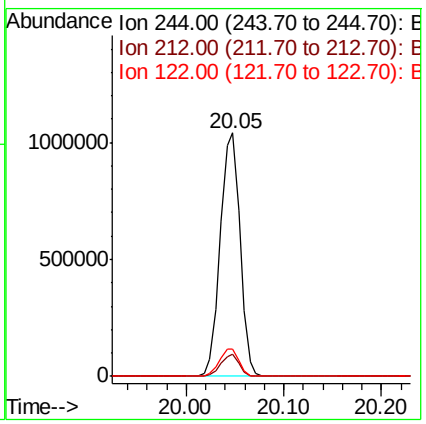


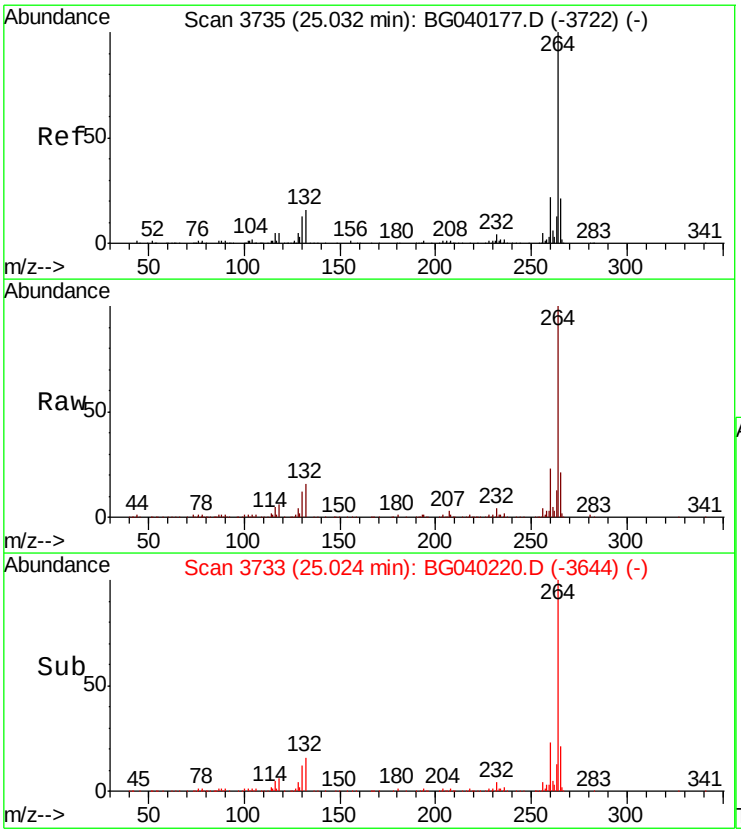
#79
Terphenyl-d14
Concen: 82.215 ng
RT: 20.05 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG040220.D
Acq: 29 Mar 2019 5:03

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:244 Resp: 1463254

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	11.1	8.5	12.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.01 min
Lab File: BG040220.D
Acq: 29 Mar 2019 5:03

Tgt Ion:264 Resp: 395019

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.9	26.9
265	21.3	16.8	25.2