Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043236.D
Acq On : 16 Oct 2019 4:17
Operator : JU
Sample : K5148-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 16 08:14:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	58800	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	216284	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	148192	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	307785	20.00	ng	0.00
76) Chrysene-d12	21.70	240	329660	20.00	ng	0.00
87) Perylene-d12	24.92	264	387705	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	434550	131.89	ng	0.00
7) Phenol-d6	7.23	99	604216	127.34	ng	0.00
23) Nitrobenzene-d5	9.21	82	387975	87.19	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	346407	135.94	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1033747	101.13	ng	0.00
79) Terphenyl-d14	20.04	244	1685122	108.92	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	7982	5.811	ng	# 1
19) n-Nitroso-di-n-propylamine	9.21	70	53631	17.214	ng	# 74
51) 2,6-Dinitrotoluene	14.68	165	18881	7.985	ng	# 23
57) 2,4-Dinitrotoluene	14.68	165	18882	5.453	ng	# 26
67) 4-Bromophenyl-phenylether	16.17	248	22587	5.847	ng	# 1
77) Benzidine	20.04	184	25280	3.063	ng	# 93

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
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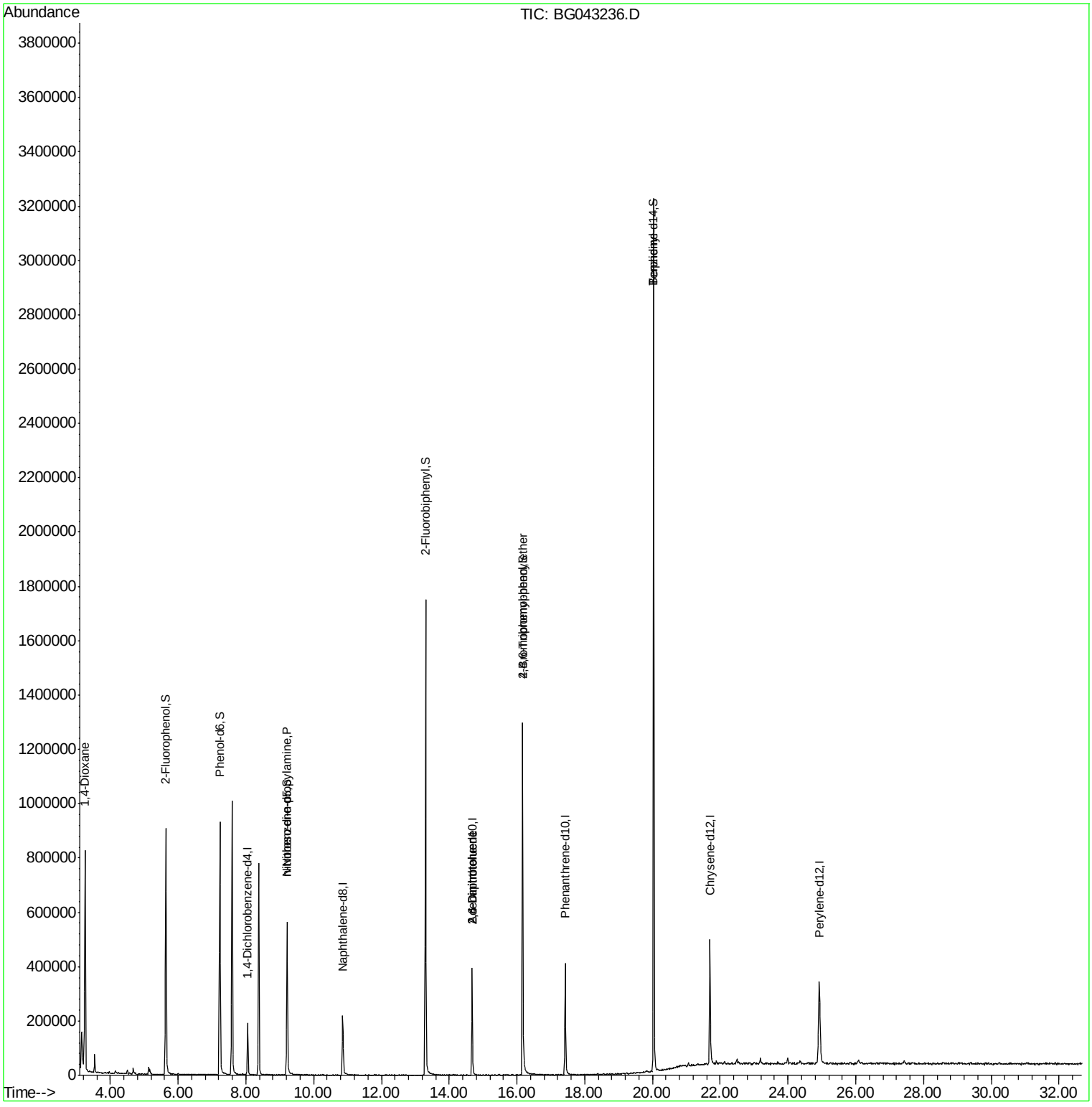
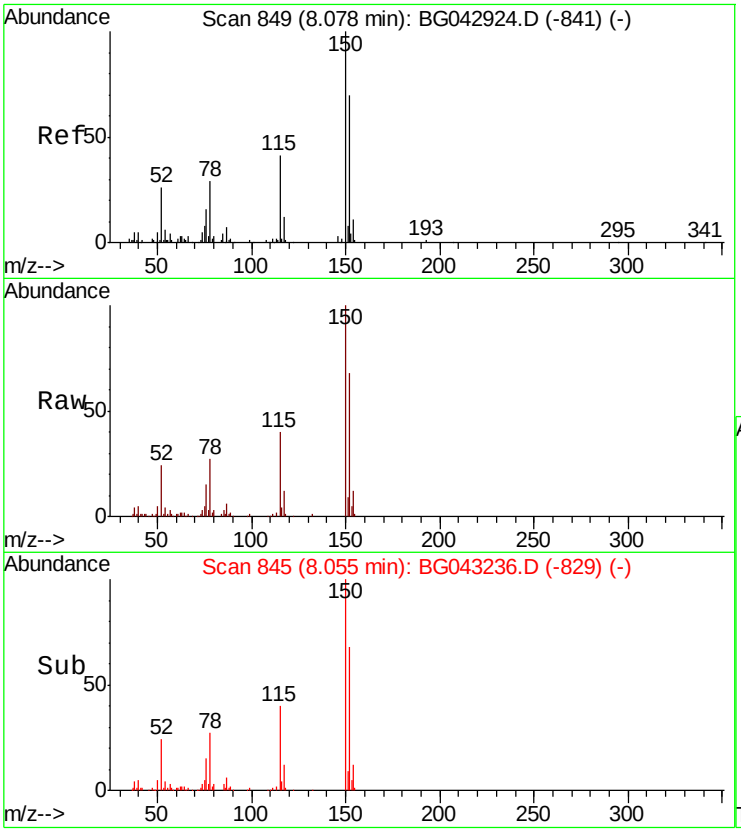


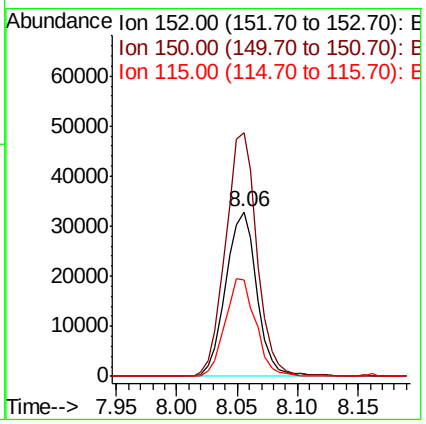


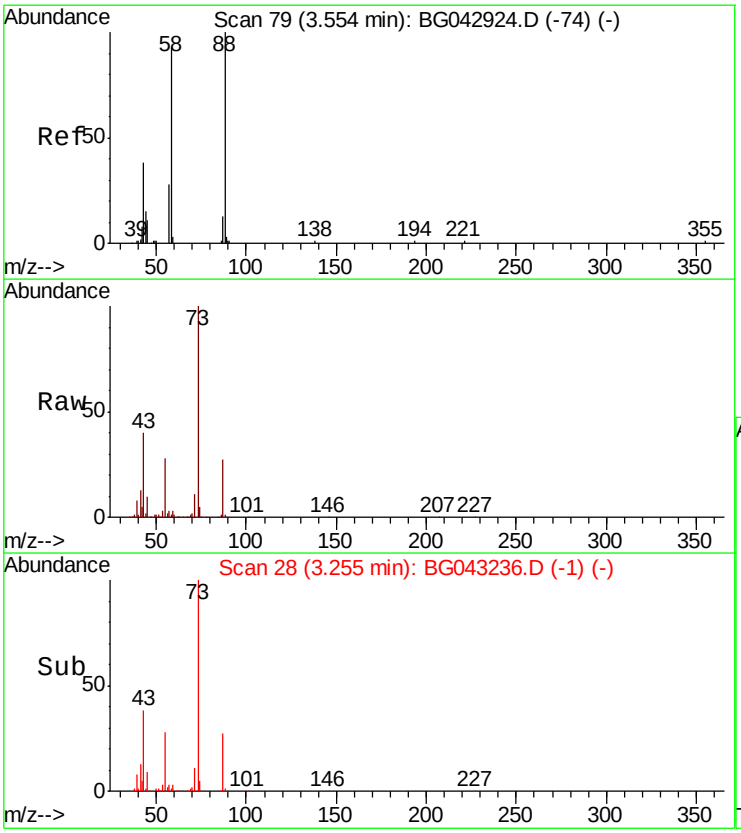
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG043236.D
Acq: 16 Oct 2019 4:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 58800

Ion	Ratio	Lower	Upper
152	100		
150	147.6	115.0	172.4
115	58.9	47.0	70.6

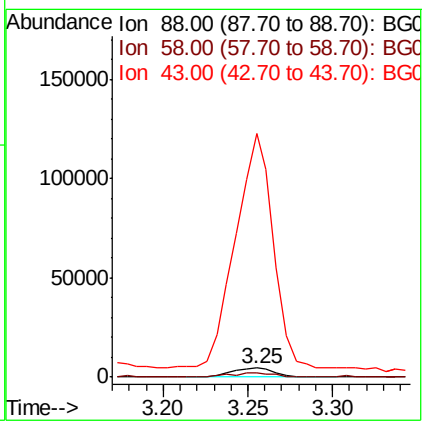


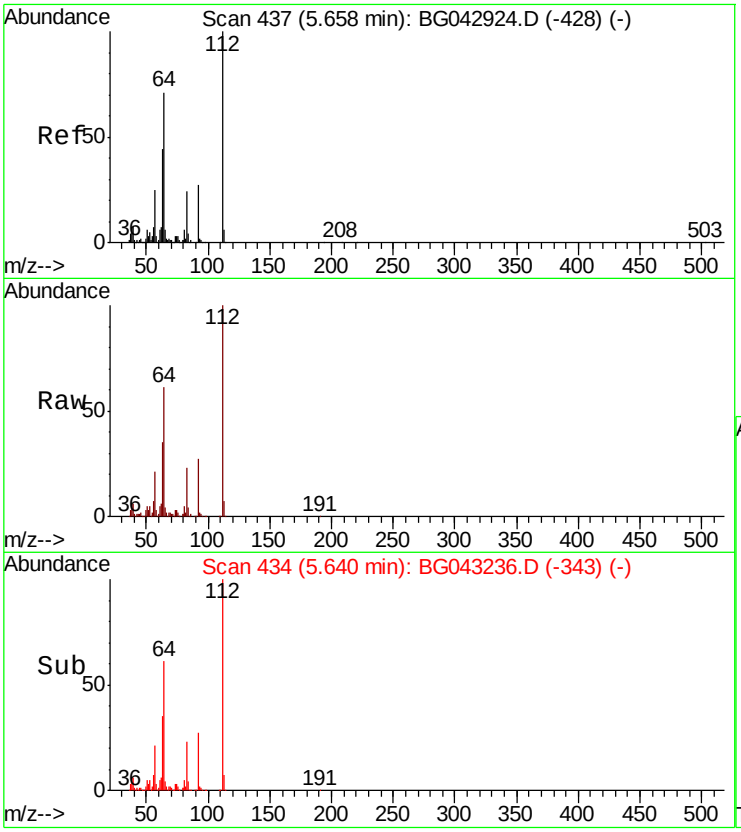


#2
1,4-Dioxane
Concen: 5.811 ng
RT: 3.25 min Scan# 28
Delta R.T. -0.28 min
Lab File: BG043236.D
Acq: 16 Oct 2019 4:17

Tgt Ion: 88 Resp: 7982

Ion	Ratio	Lower	Upper
88	100		
58	45.4	74.3	111.5#
43	2402.0	29.8	44.8#



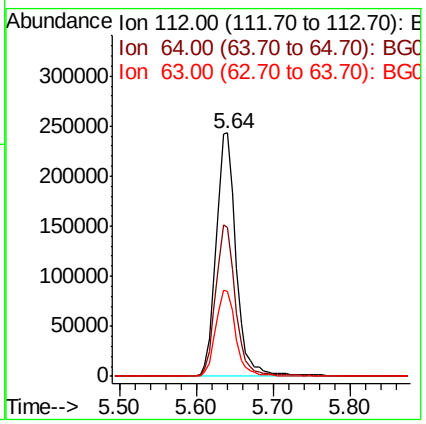


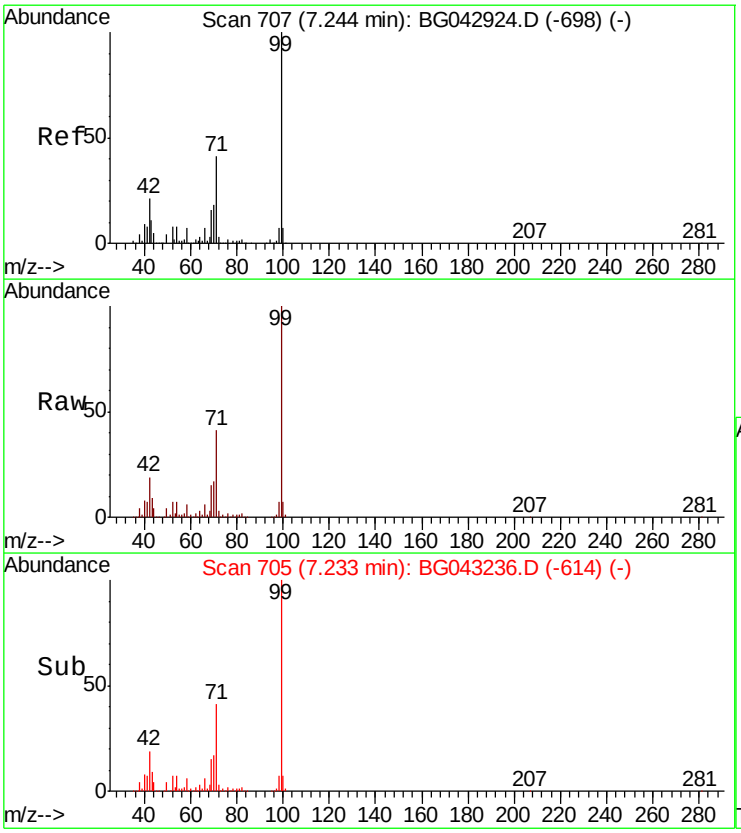
#5
2-Fluorophenol
Concen: 131.889 ng
RT: 5.64 min Scan# 434
Delta R.T. 0.00 min
Lab File: BG043236.D
Acq: 16 Oct 2019 4:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 434550

Ion	Ratio	Lower	Upper
112	100		
64	61.3	56.6	84.8
63	34.9	35.1	52.7#

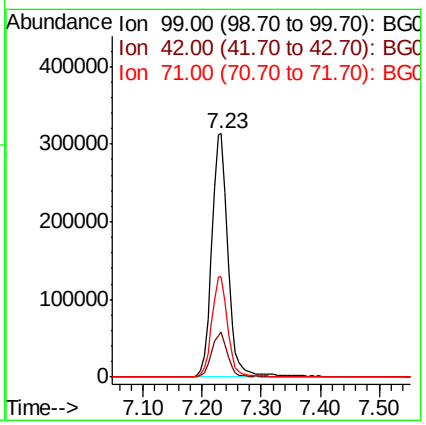


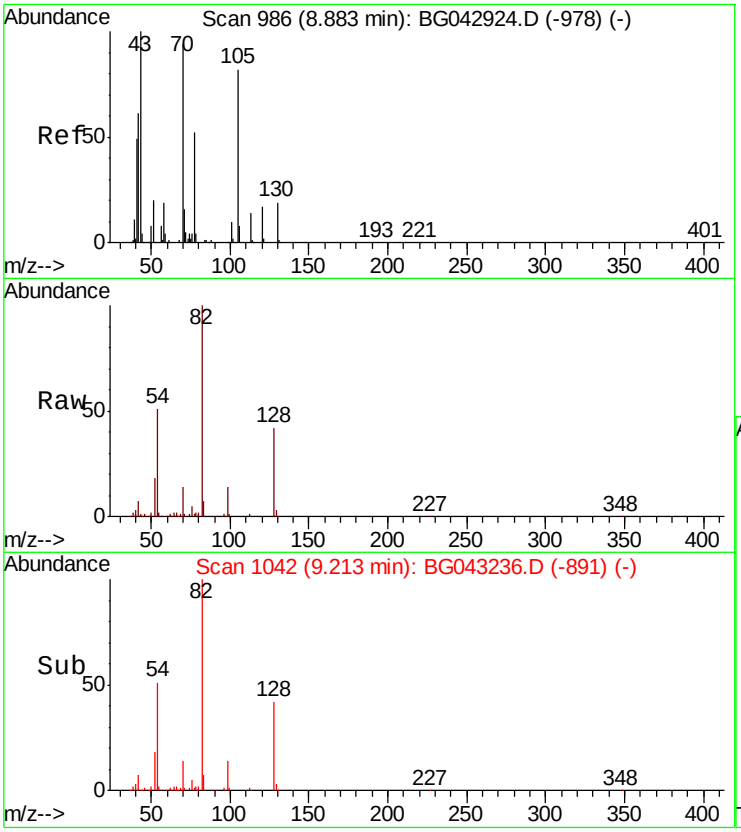


#7
Phenol-d6
Concen: 127.345 ng
RT: 7.23 min Scan# 705
Delta R.T. 0.00 min
Lab File: BG043236.D
Acq: 16 Oct 2019 4:17

Tgt Ion: 99 Resp: 604216

Ion	Ratio	Lower	Upper
99	100		
42	18.8	17.2	25.8
71	41.0	33.1	49.7



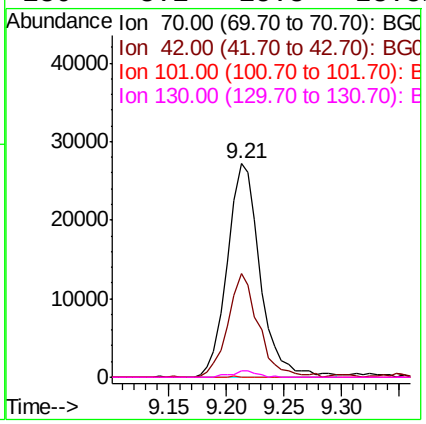


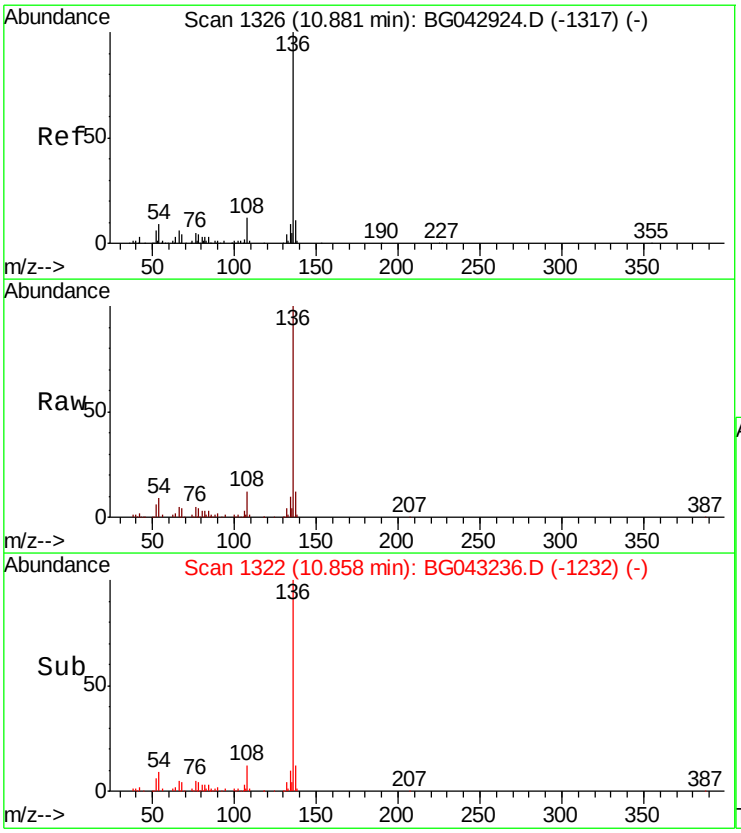
#19
n-Nitroso-di-n-propylamine
Concen: 17.214 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.35 min
Lab File: BG043236.D
Acq: 16 Oct 2019 4:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 53631

Ion	Ratio	Lower	Upper
70	100		
42	48.3	52.6	79.0#
101	0.0	8.7	13.1#
130	3.1	15.8	23.8#

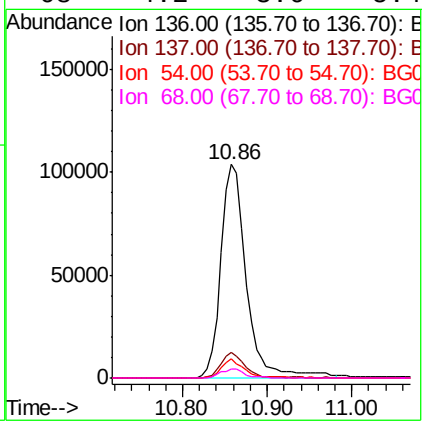


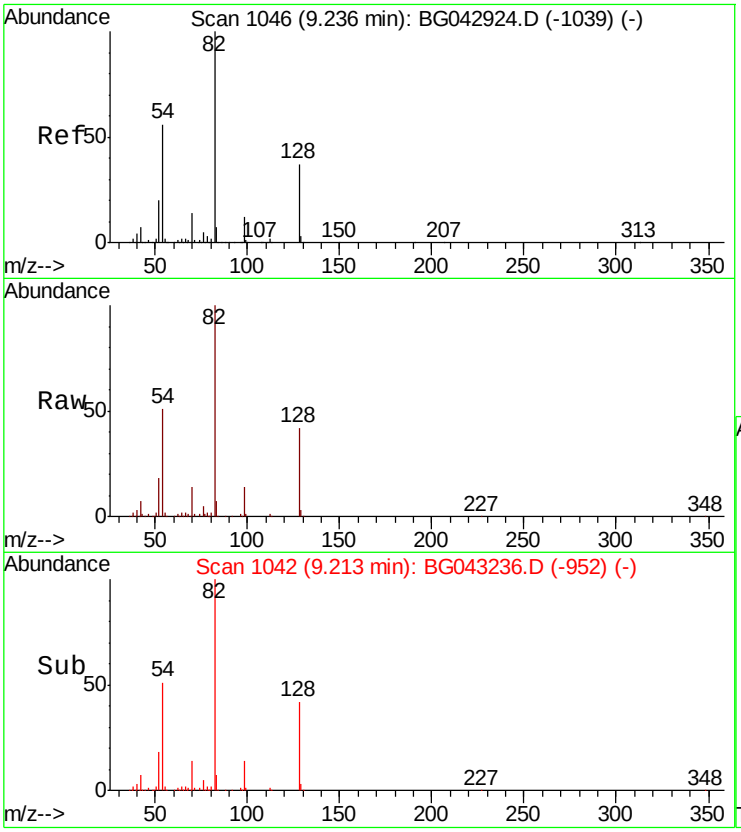


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG043236.D
Acq: 16 Oct 2019 4:17

Tgt Ion:136 Resp: 216284

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.5	12.7
54	9.1	7.4	11.2
68	4.2	3.6	5.4



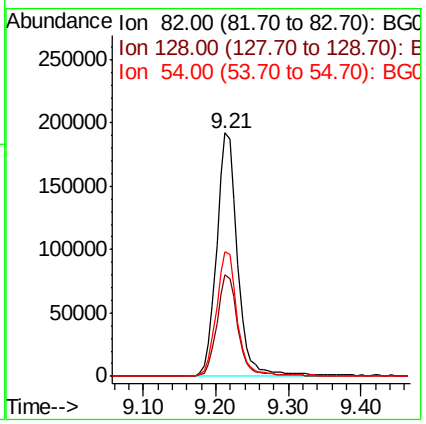


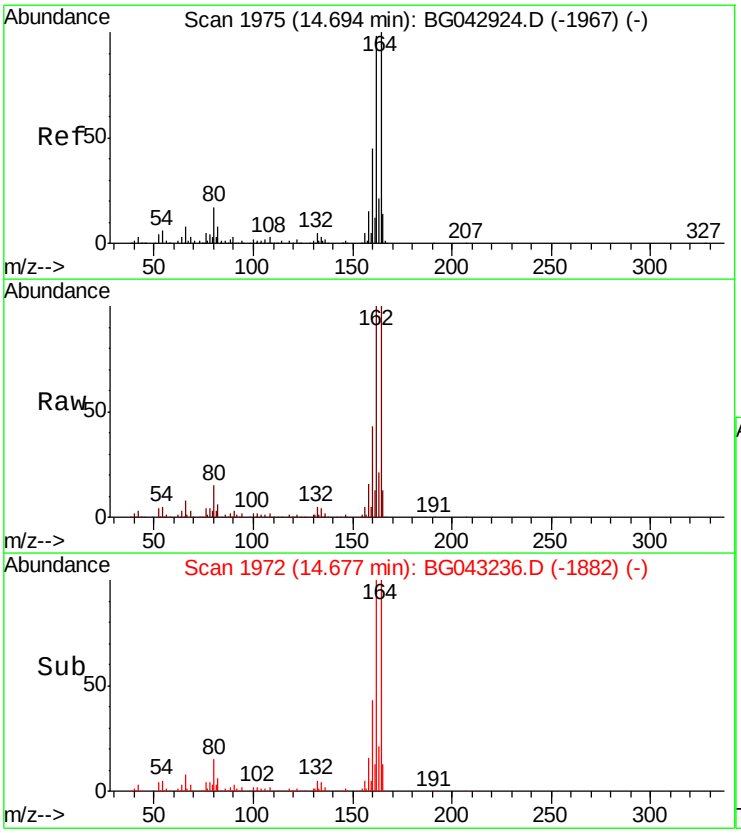
#23
Nitrobenzene-d5
Concen: 87.189 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG043236.D
Acq: 16 Oct 2019 4:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 387975

Ion	Ratio	Lower	Upper
82	100		
128	41.9	29.5	44.3
54	51.4	44.6	67.0

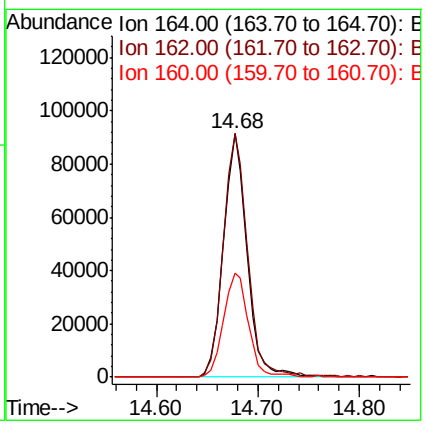


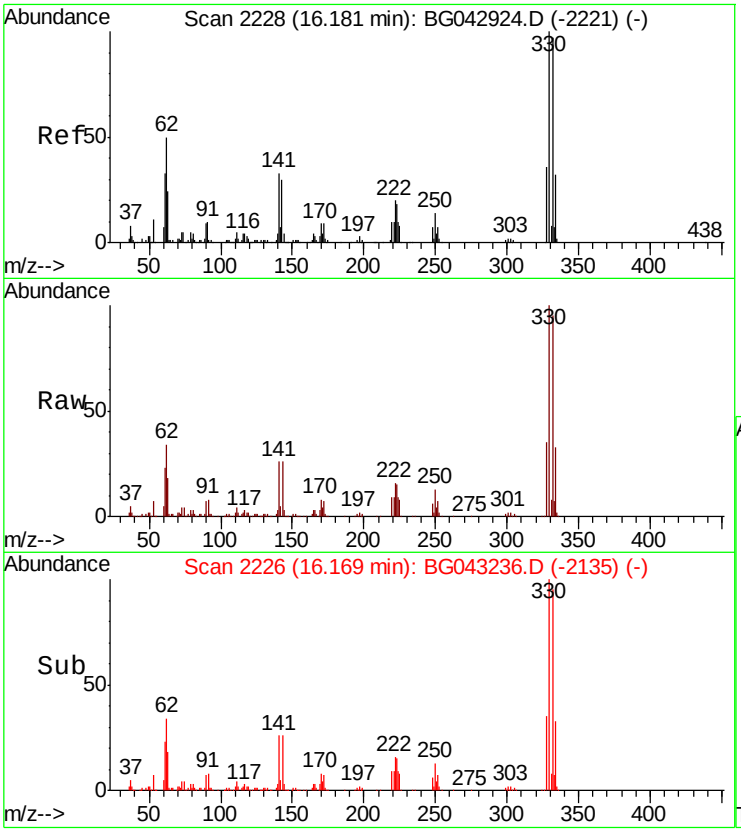


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG043236.D
Acq: 16 Oct 2019 4:17

Tgt Ion:164 Resp: 148192

Ion	Ratio	Lower	Upper
164	100		
162	100.1	78.5	117.7
160	42.9	35.9	53.9



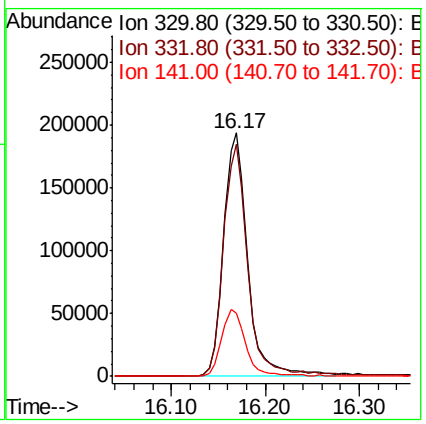


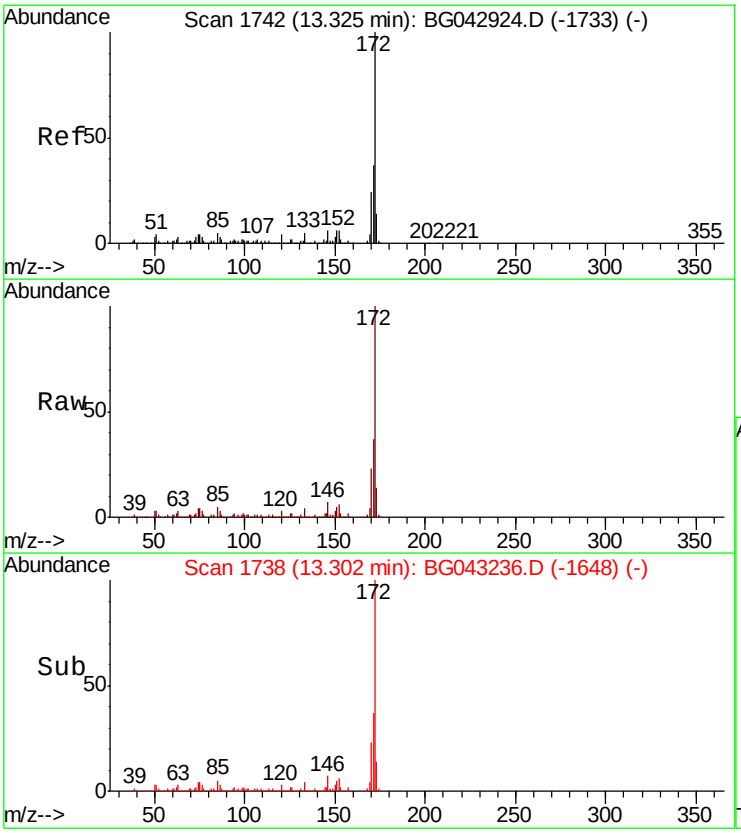
#42
2,4,6-Tribromophenol
Concen: 135.939 ng
RT: 16.17 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BG043236.D
Acq: 16 Oct 2019 4:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 346407

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.2	117.2
141	27.7	26.0	39.0

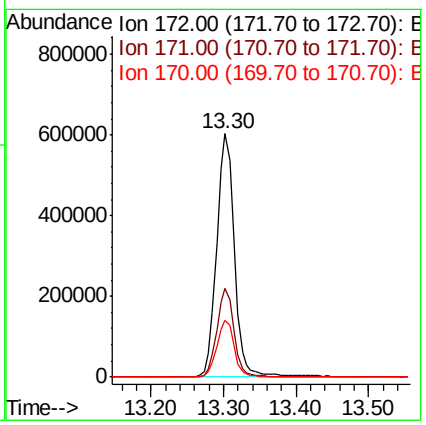


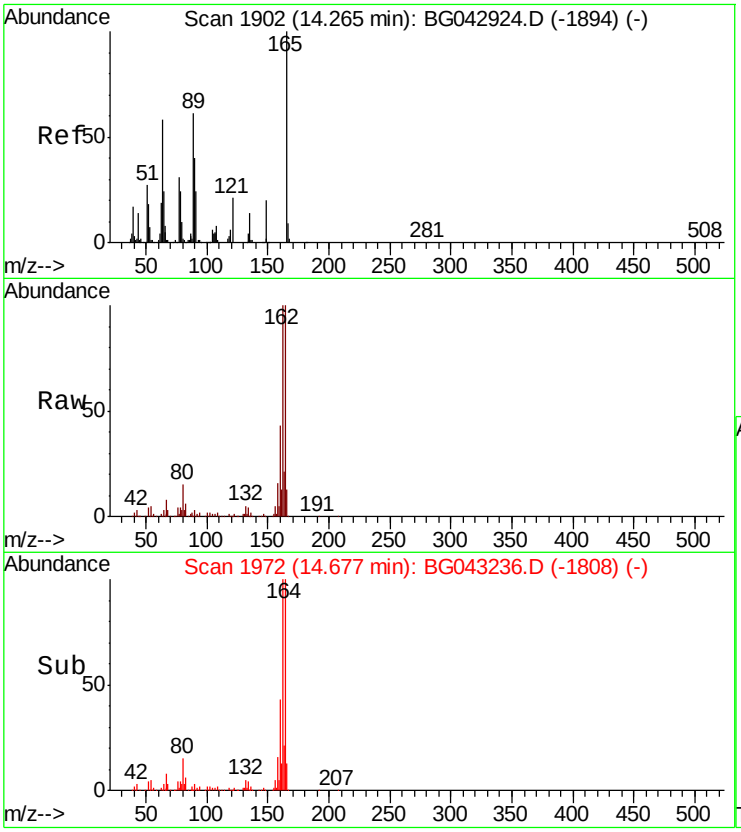


#45
2-Fluorobiphenyl
Concen: 101.127 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG043236.D
Acq: 16 Oct 2019 4:17

Tgt Ion:172 Resp: 1033747

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	23.4	19.6	29.4



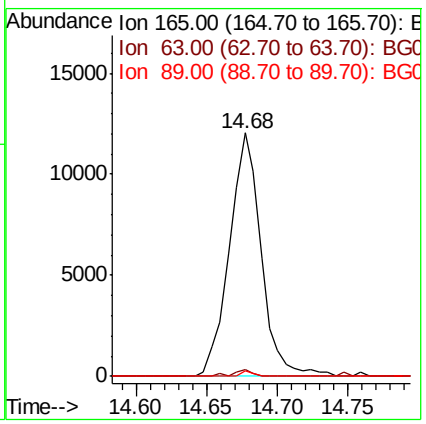


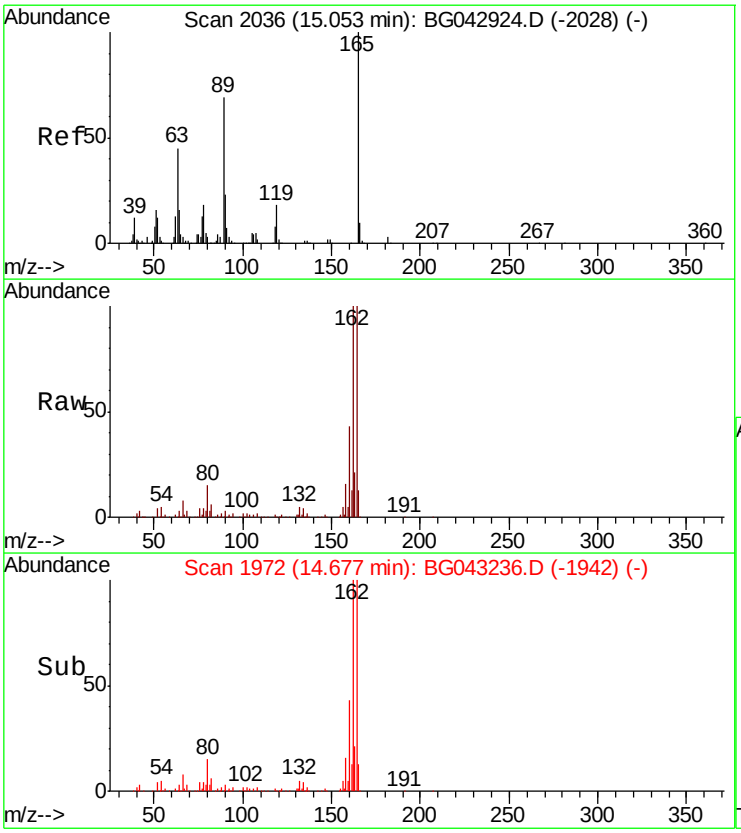
#51
2,6-Dinitrotoluene
Concen: 7.985 ng
RT: 14.68 min Scan# 1972
Delta R.T. 0.43 min
Lab File: BG043236.D
Acq: 16 Oct 2019 4:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 18881

Ion	Ratio	Lower	Upper
165	100		
63	2.9	50.3	75.5#
89	2.1	48.9	73.3#

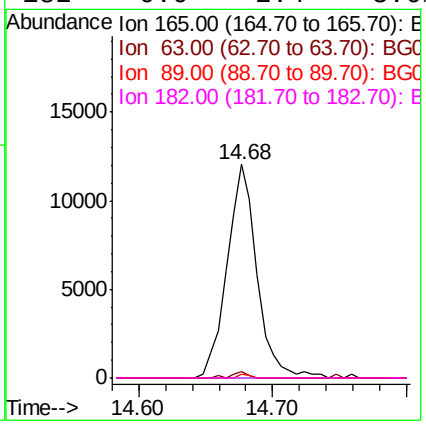


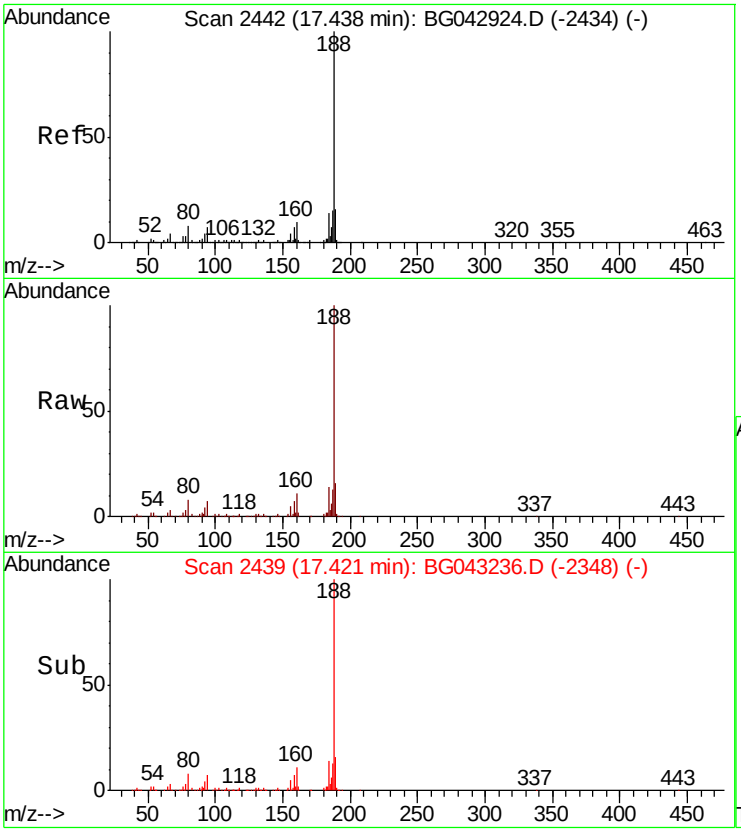


#57
2,4-Dinitrotoluene
Concen: 5.453 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.36 min
Lab File: BG043236.D
Acq: 16 Oct 2019 4:17

Tgt Ion:165 Resp: 18882

Ion	Ratio	Lower	Upper
165	100		
63	2.9	36.5	54.7#
89	2.1	55.5	83.3#
182	0.0	2.4	3.6#



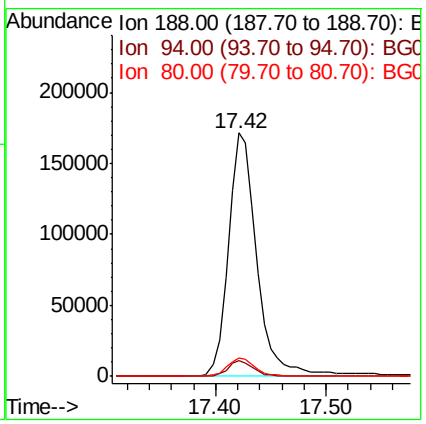


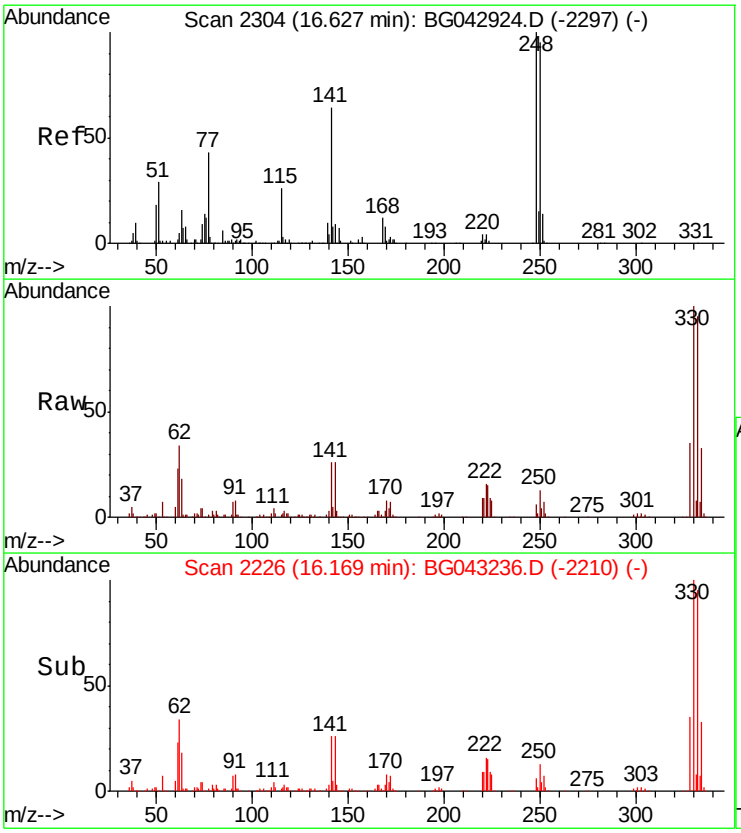
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG043236.D
Acq: 16 Oct 2019 4:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 307785

Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.7	8.5
80	7.6	6.5	9.7

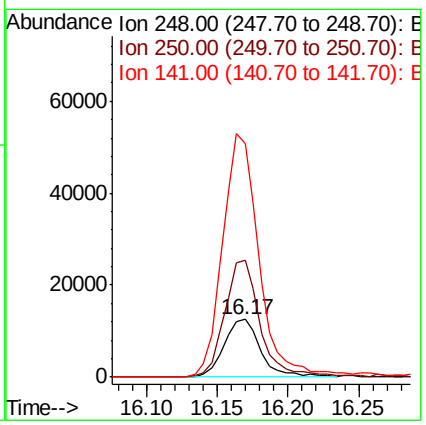


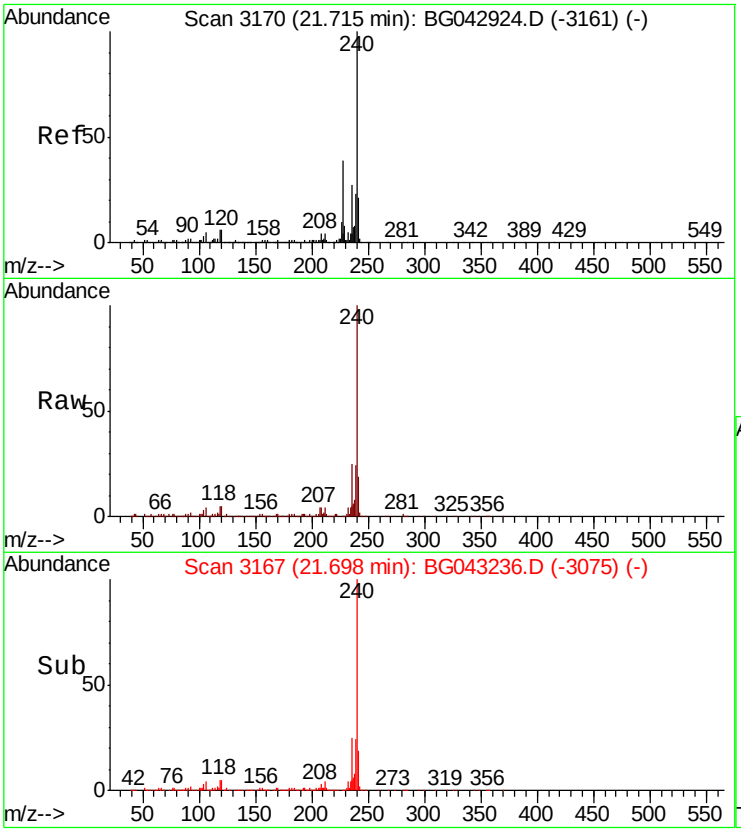


#67
4-Bromophenyl-phenylether
Concen: 5.847 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.44 min
Lab File: BG043236.D
Acq: 16 Oct 2019 4:17

Tgt Ion:248 Resp: 22587

Ion	Ratio	Lower	Upper
248	100		
250	203.7	75.8	113.8#
141	404.7	51.1	76.7#



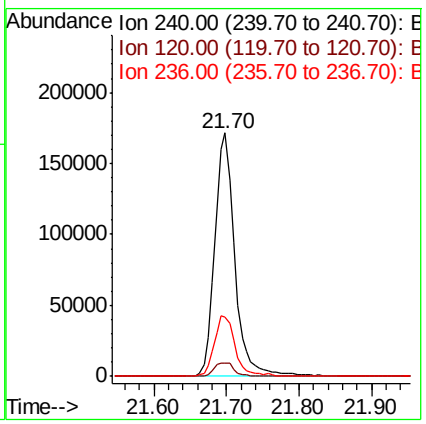


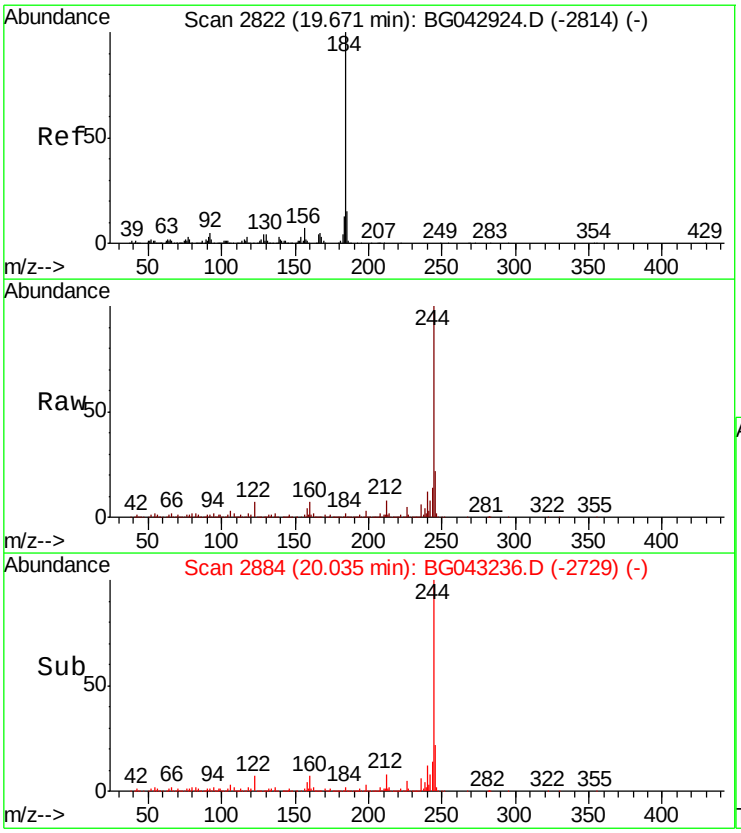
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. 0.01 min
Lab File: BG043236.D
Acq: 16 Oct 2019 4:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 329660

Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.8	7.2
236	24.5	21.4	32.0

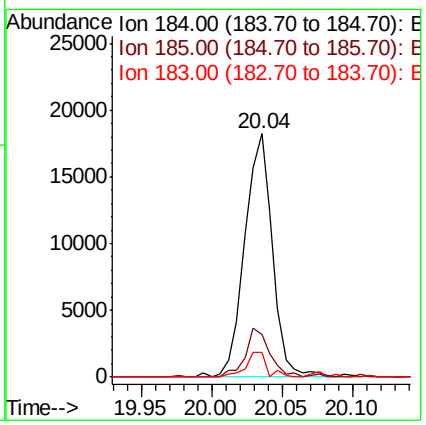


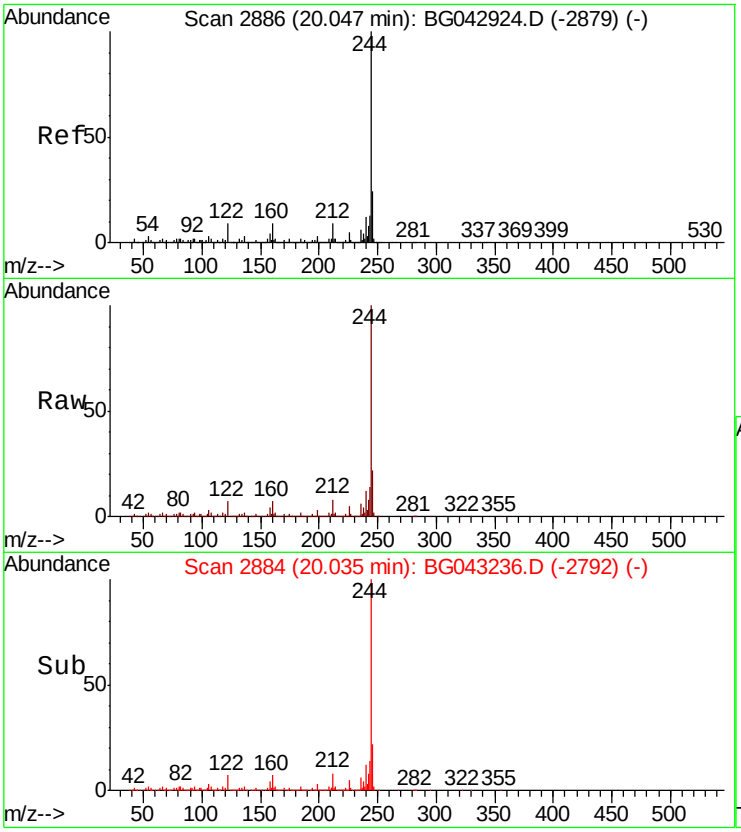


#77
Benzidine
Concen: 3.063 ng
RT: 20.04 min Scan# 2884
Delta R.T. 0.38 min
Lab File: BG043236.D
Acq: 16 Oct 2019 4:17

Tgt Ion:184 Resp: 25280

Ion	Ratio	Lower	Upper
184	100		
185	17.5	11.8	17.8
183	10.0	10.1	15.1#



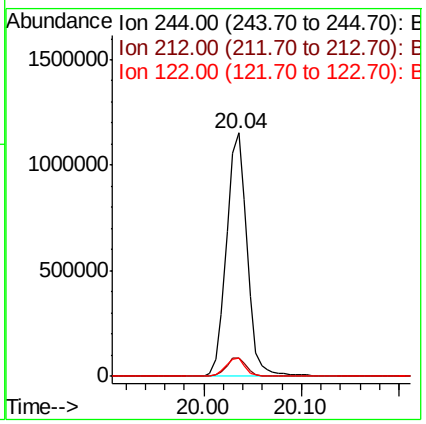


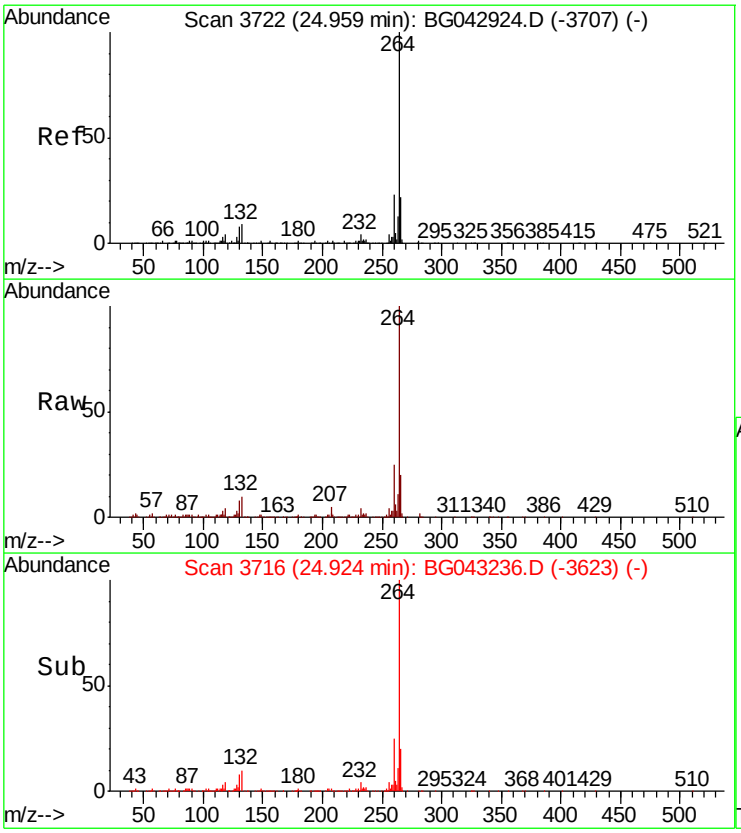
#79
Terphenyl-d14
Concen: 108.924 ng
RT: 20.04 min Scan# 2884
Delta R.T. 0.01 min
Lab File: BG043236.D
Acq: 16 Oct 2019 4:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1685122

Ion	Ratio	Lower	Upper
244	100		
212	7.5	7.4	11.0
122	7.3	7.0	10.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. 0.01 min
Lab File: BG043236.D
Acq: 16 Oct 2019 4:17

Tgt Ion:264 Resp: 387705

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	20.0	17.7	26.5