Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080918\
Data File : BG036261.D
Acq On : 10 Aug 2018 9:57
Operator : JU/SJ
Sample : J4398-01RE
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-P10A(0-5)

Quant Time: Aug 10 12:05:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	26394	20.00	ng		-0.02
21) Naphthalene-d8	10.81	136	100734	20.00	ng		-0.02
38) Acenaphthene-d10	14.63	164	70861	20.00	ng		-0.02
63) Phenanthrene-d10	17.37	188	184309	20.00	ng		-0.02
75) Chrysene-d12	21.64	240	196779	20.00	ng		-0.02
86) Perylene-d12	24.83	264	187923	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	232564	146.29	ng		0.00
7) Phenol-d6	7.18	99	333419	140.57	ng		-0.01
23) Nitrobenzene-d5	9.17	82	230223	95.47	ng		-0.02
41) 2,4,6-Tribromophenol	16.12	330	161760	173.19	ng		-0.02
44) 2-Fluorobiphenyl	13.26	172	524764	99.22	ng		-0.02
78) Terphenyl-d14	19.98	244	930913	104.28	ng		-0.02
Target Compounds							Qvalue
10) Phenol	7.22	94	5039	2.103	ng		91
19) n-Nitroso-di-n-propylamine	9.17	70	32481	16.262	ng	#	69
49) Dimethylphthalate	14.08	163	87340	14.068	ng		98
76) Benzidine	19.98	184	16514	3.192	ng	#	90

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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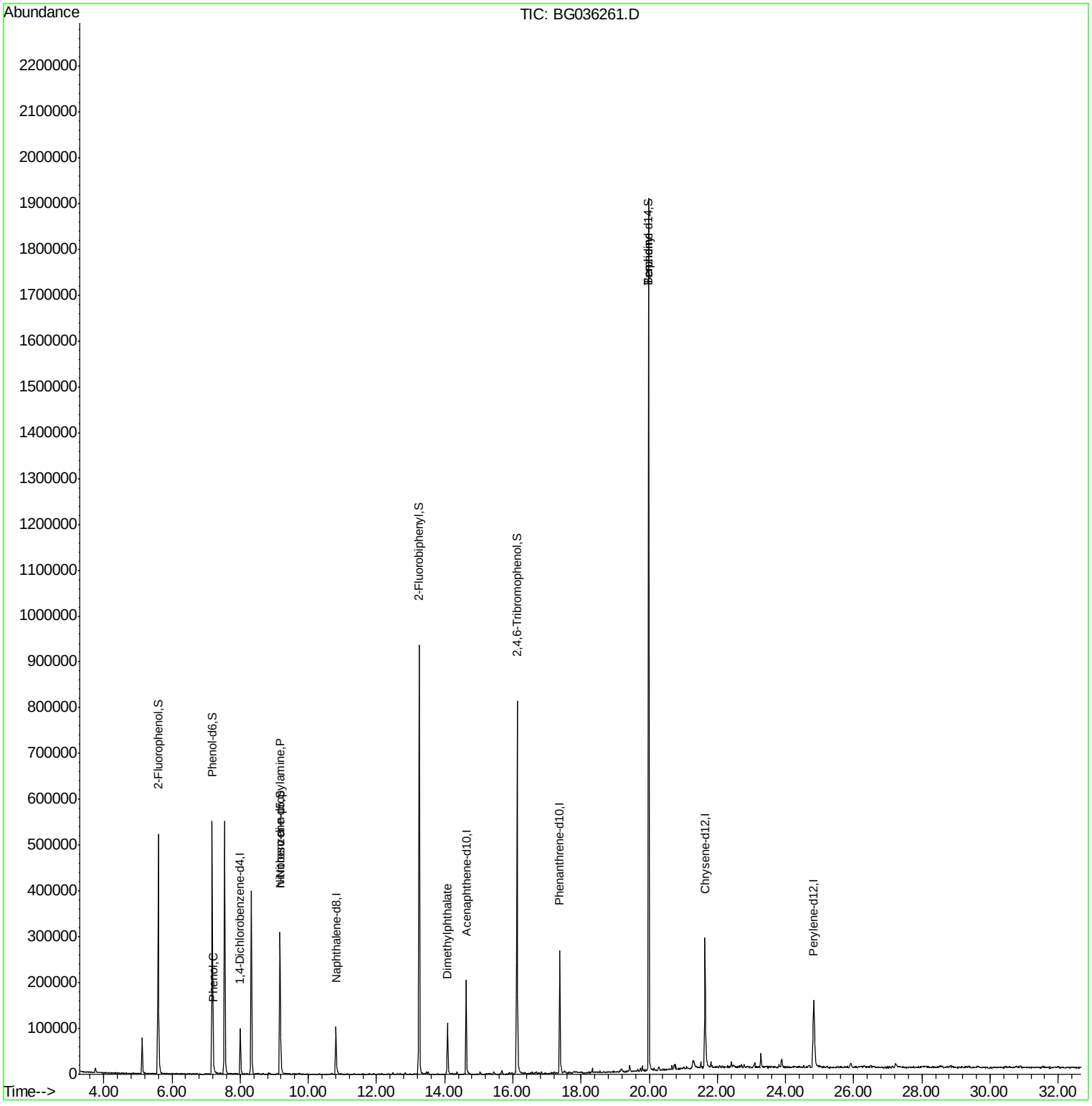
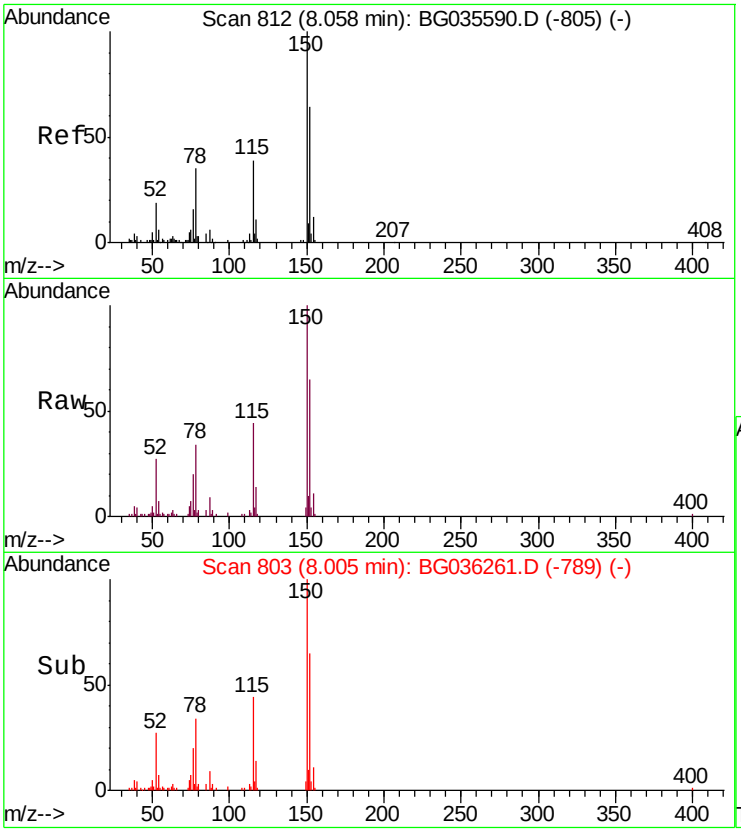


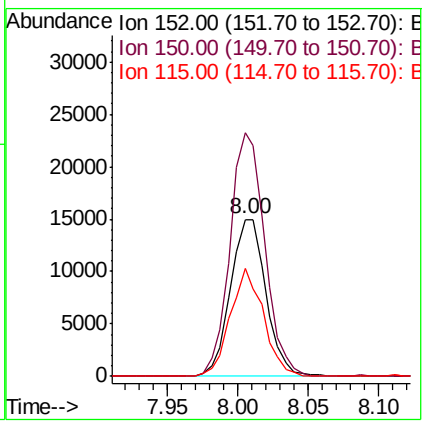


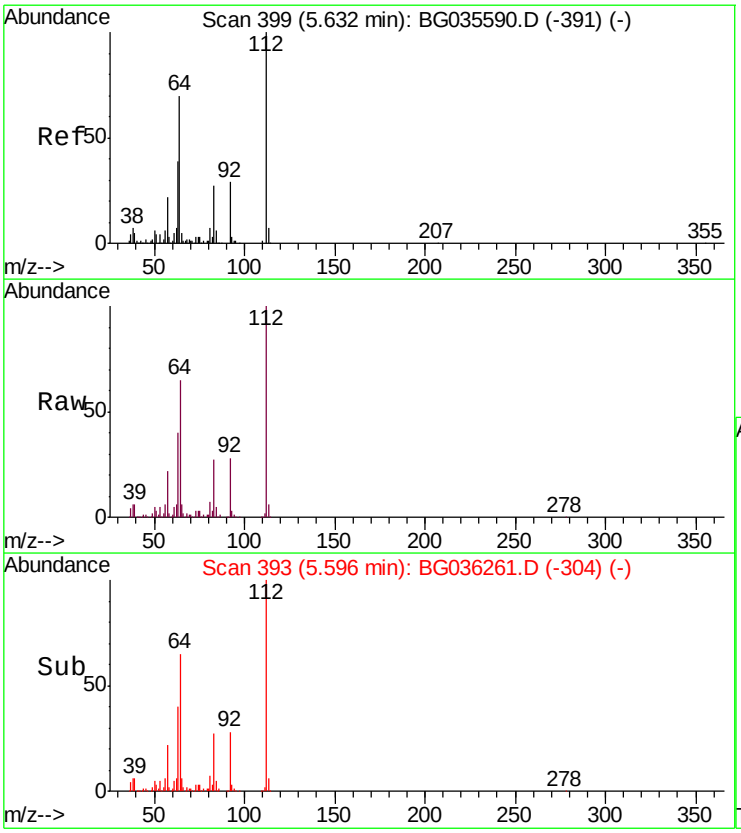
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036261.D
Acq: 10 Aug 2018 9:57

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:152 Resp: 26394

Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.6	189.8
115	68.6	53.0	79.4

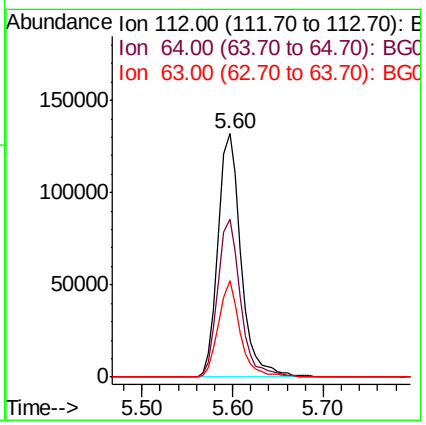


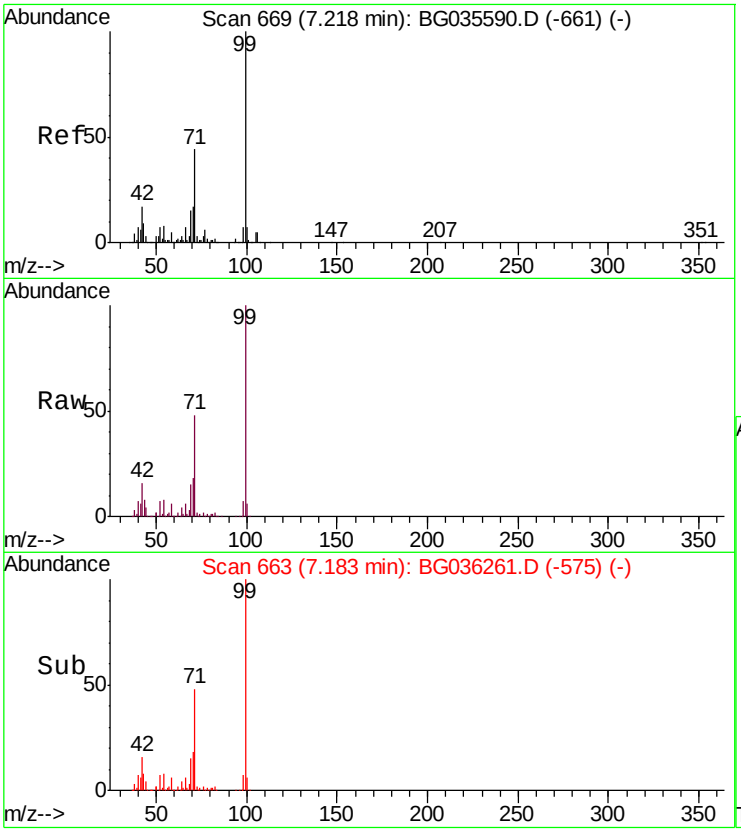


#5
2-Fluorophenol
Concen: 146.287 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036261.D
Acq: 10 Aug 2018 9:57

Tgt Ion:112 Resp: 232564

Ion	Ratio	Lower	Upper
112	100		
64	65.1	56.3	84.5
63	39.7	30.1	45.1



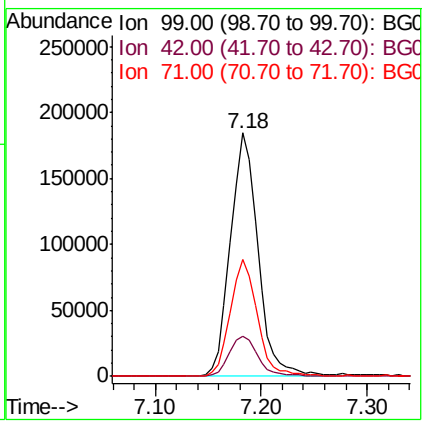


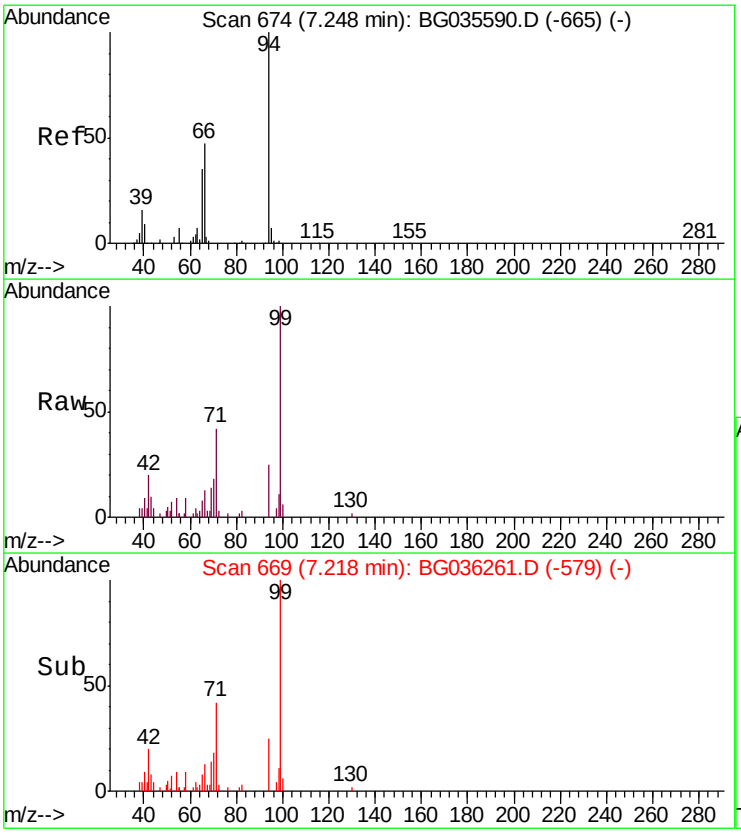
#7
Phenol-d6
Concen: 140.569 ng
RT: 7.18 min Scan# 663
Delta R.T. -0.01 min
Lab File: BG036261.D
Acq: 10 Aug 2018 9:57

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion: 99 Resp: 333419

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.1	21.1
71	47.8	26.1	39.1#

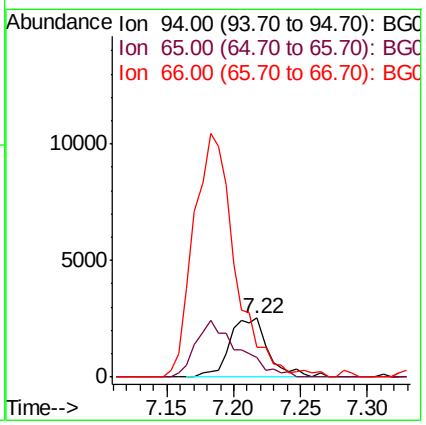


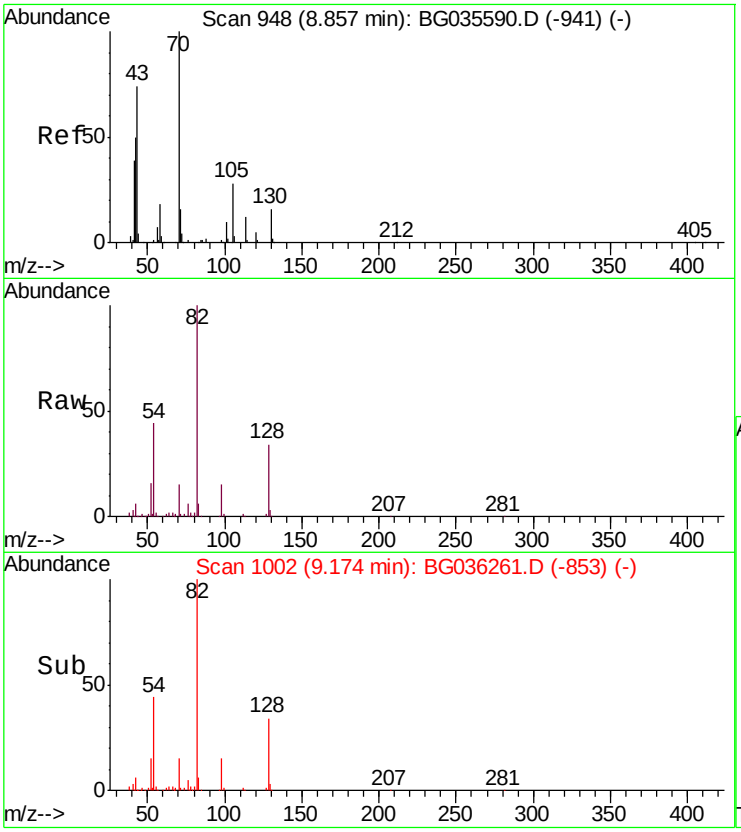


#10
Phenol
Concen: 2.103 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.00 min
Lab File: BG036261.D
Acq: 10 Aug 2018 9:57

Tgt Ion: 94 Resp: 5039

Ion	Ratio	Lower	Upper
94	100		
65	33.2	11.9	51.9
66	51.0	22.2	62.2



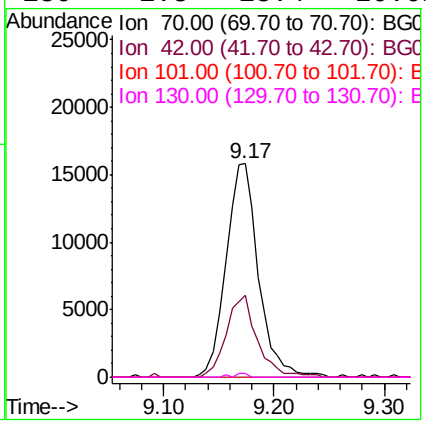


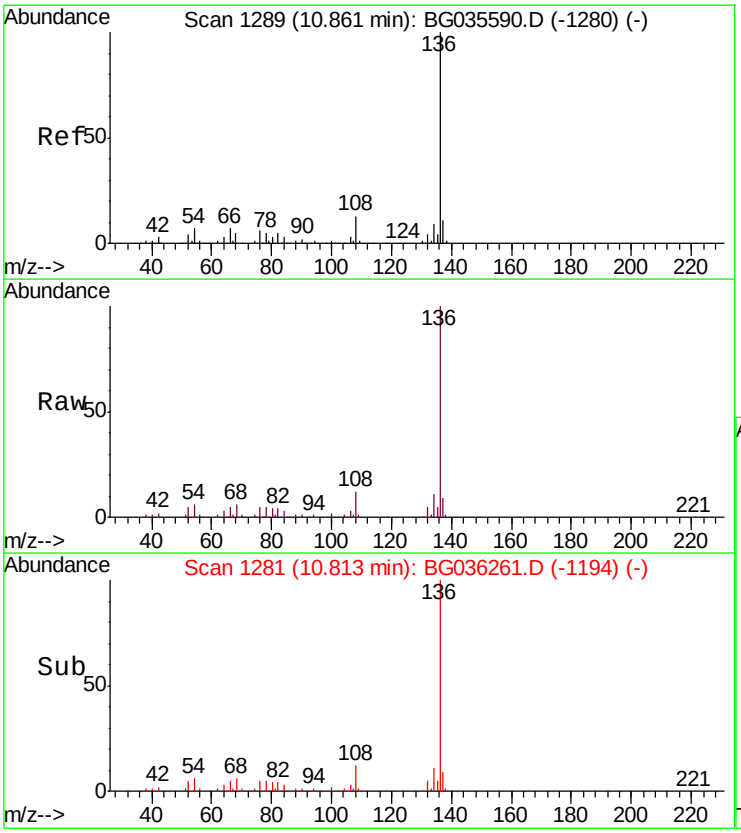
#19
n-Nitroso-di-n-propylamine
Concen: 16.262 ng
RT: 9.17 min Scan# 1002
Delta R.T. 0.34 min
Lab File: BG036261.D
Acq: 10 Aug 2018 9:57

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion: 70 Resp: 32481

Ion	Ratio	Lower	Upper
70	100		
42	38.5	49.1	73.7#
101	0.0	8.5	12.7#
130	1.8	13.4	20.0#

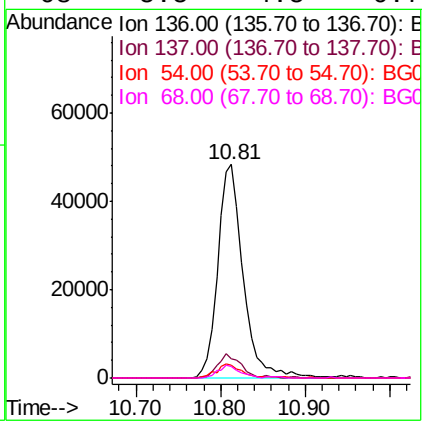


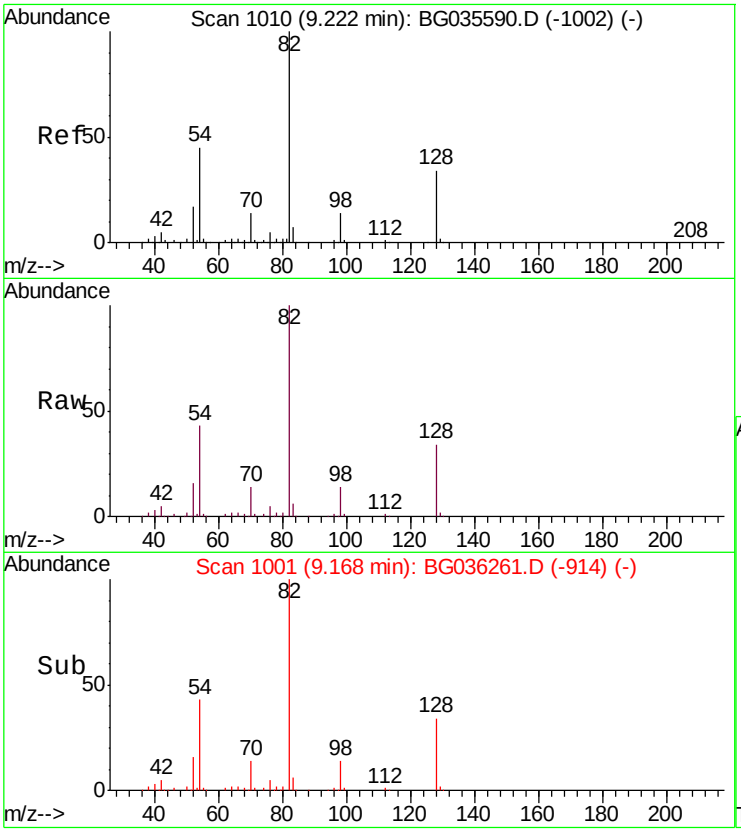


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036261.D
Acq: 10 Aug 2018 9:57

Tgt Ion:136 Resp: 100734

Ion	Ratio	Lower	Upper
136	100		
137	9.3	9.2	13.8
54	6.1	10.3	15.5#
68	5.5	4.5	6.7



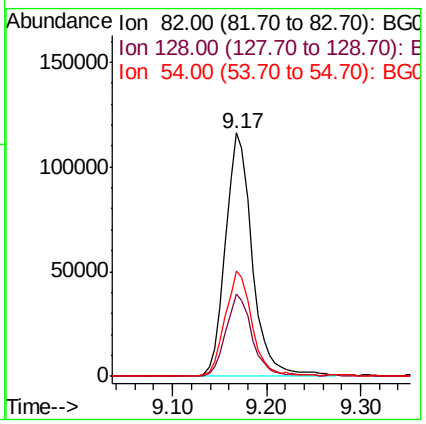


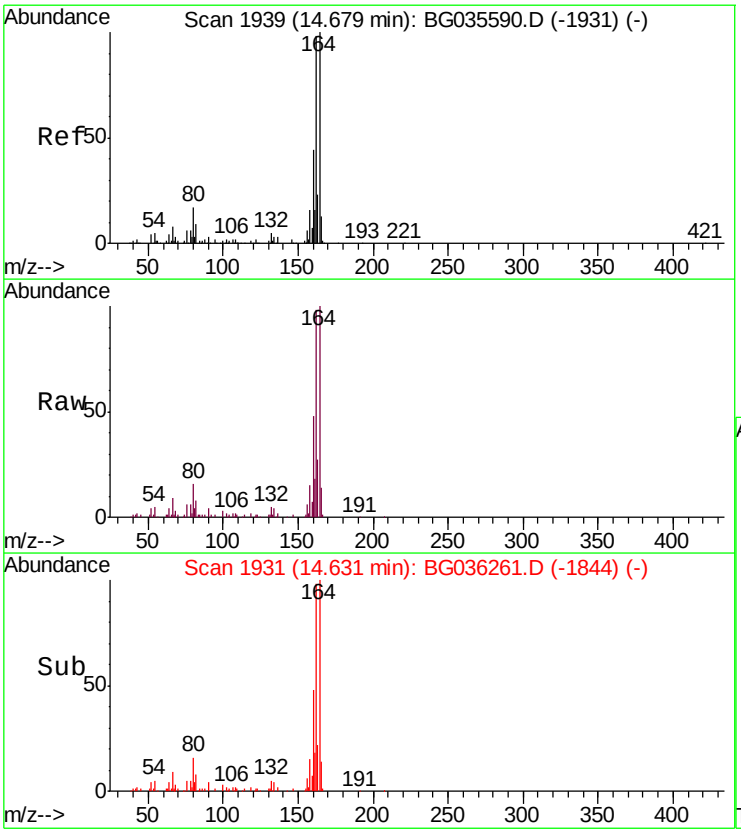
#23
Nitrobenzene-d5
Concen: 95.474 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036261.D
Acq: 10 Aug 2018 9:57

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion: 82 Resp: 230223

Ion	Ratio	Lower	Upper
82	100		
128	33.9	29.7	44.5
54	43.3	43.1	64.7

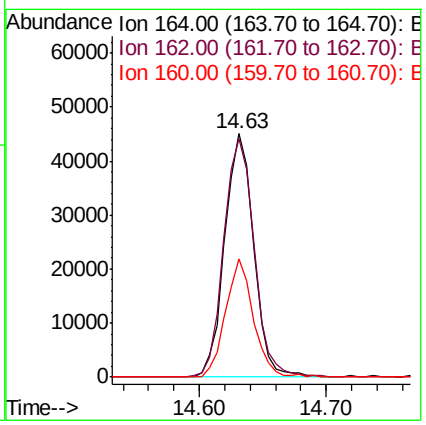


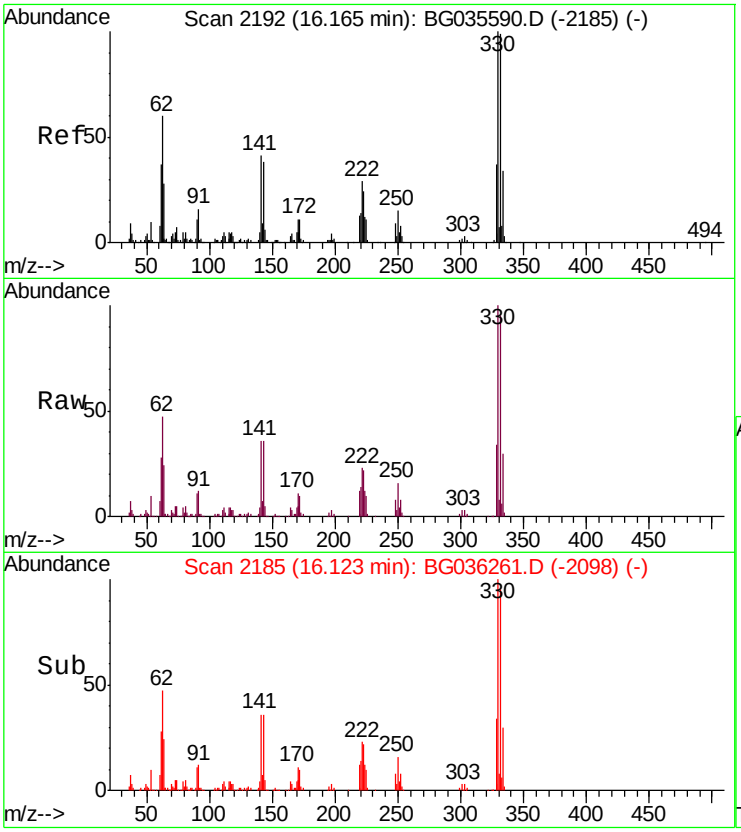


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036261.D
Acq: 10 Aug 2018 9:57

Tgt Ion:164 Resp: 70861

Ion	Ratio	Lower	Upper
164	100		
162	98.2	78.8	118.2
160	48.4	35.4	53.0



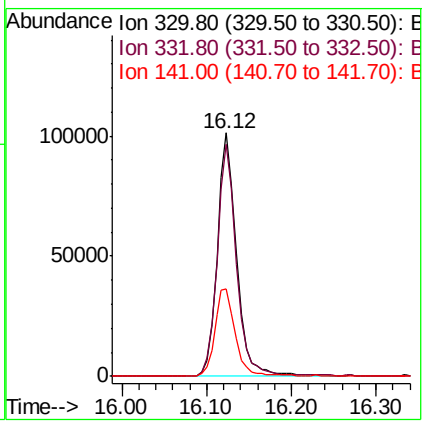


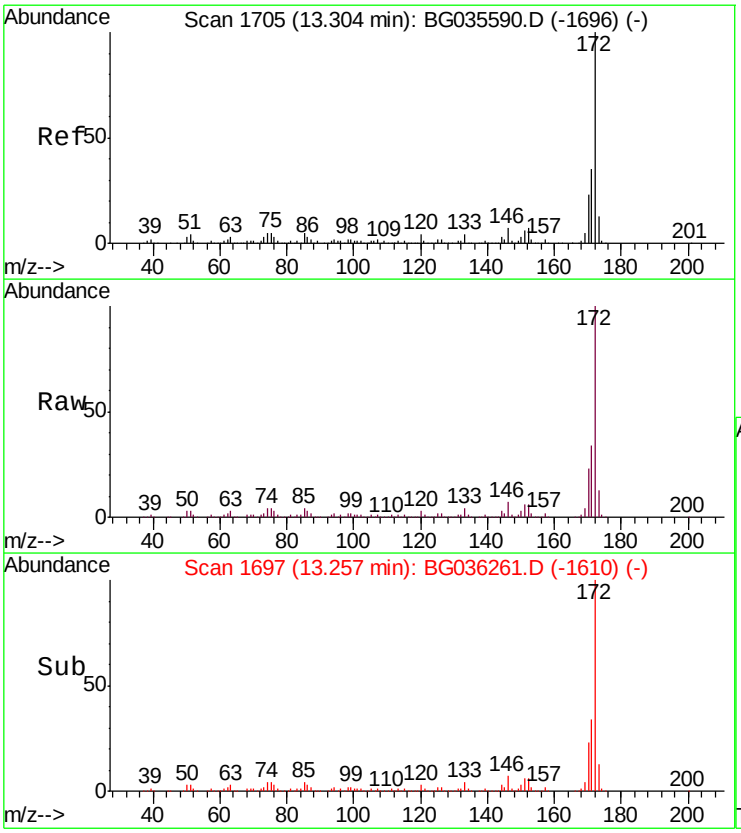
#41
2,4,6-Tribromophenol
Concen: 173.192 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BG036261.D
Acq: 10 Aug 2018 9:57

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:330 Resp: 161760

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	38.2	25.2	37.8#

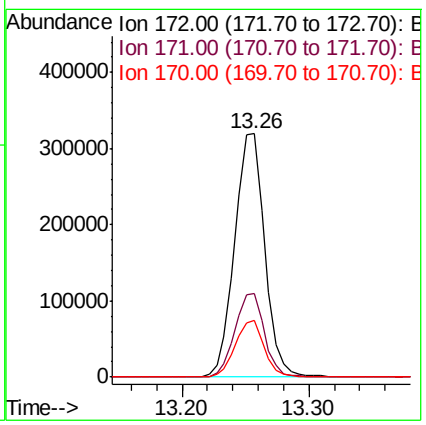


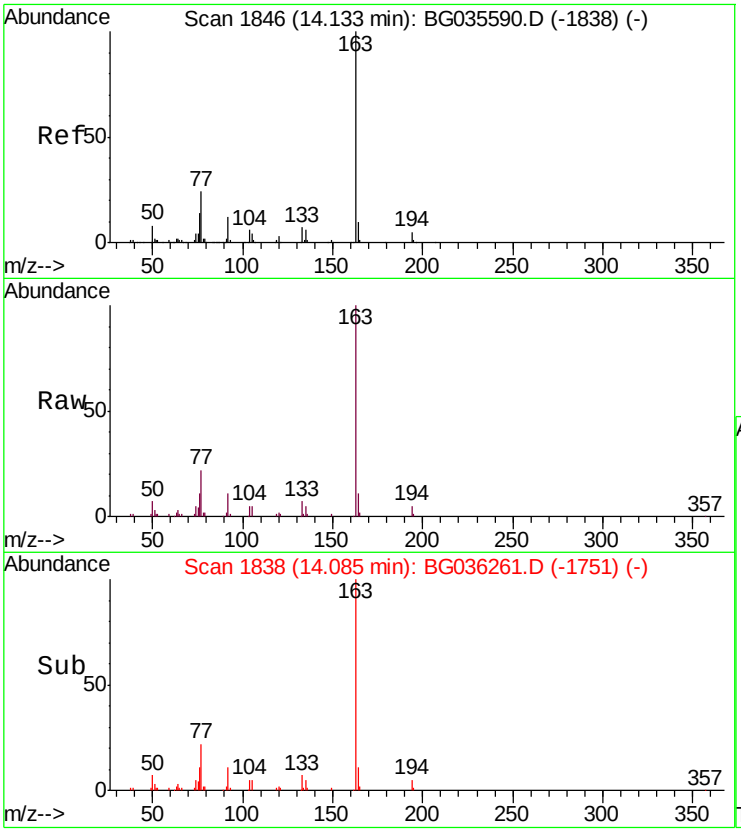


#44
2-Fluorobiphenyl
Concen: 99.215 ng
RT: 13.26 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG036261.D
Acq: 10 Aug 2018 9:57

Tgt Ion:172 Resp: 524764

Ion	Ratio	Lower	Upper
172	100		
171	34.4	30.0	45.0
170	23.4	19.5	29.3



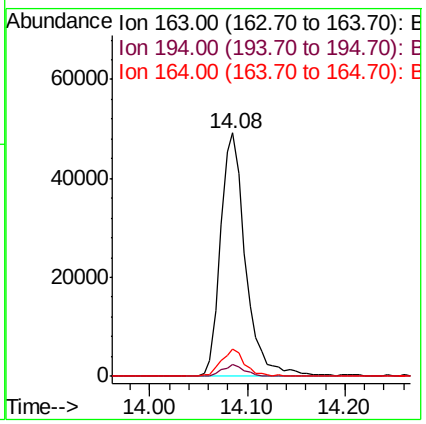


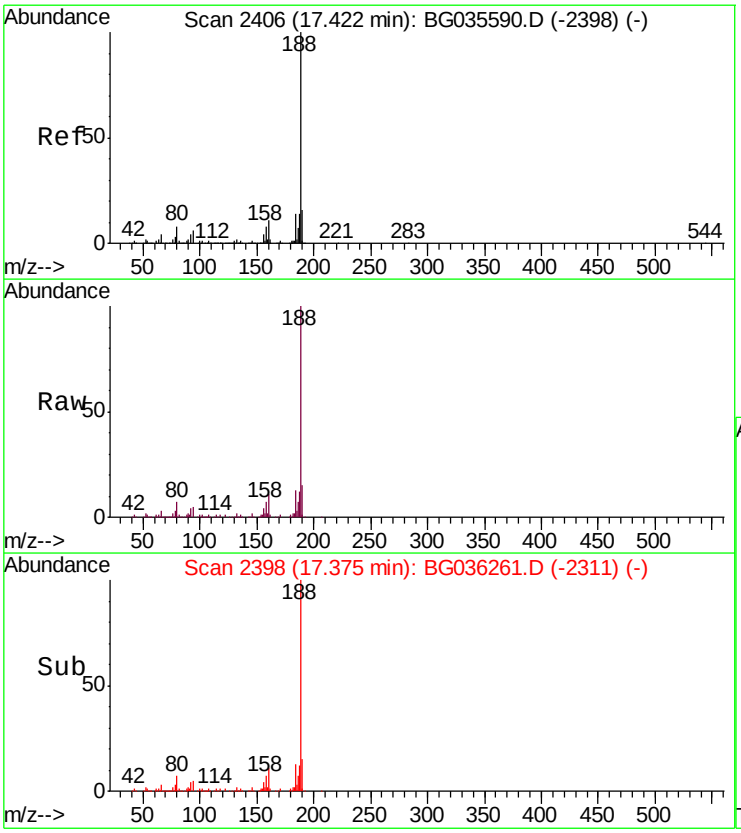
#49
Dimethylphthalate
Concen: 14.068 ng
RT: 14.08 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BG036261.D
Acq: 10 Aug 2018 9:57

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:163 Resp: 87340

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.4	5.2
164	11.2	8.2	12.4

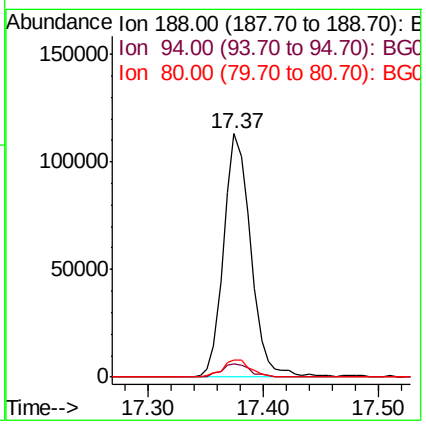


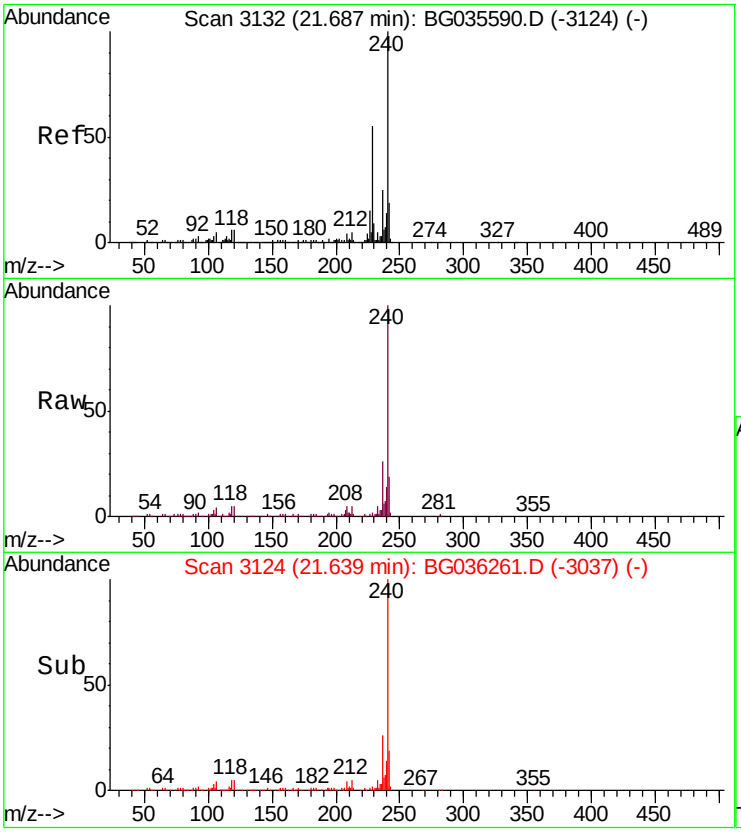


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2398
Delta R.T. -0.02 min
Lab File: BG036261.D
Acq: 10 Aug 2018 9:57

Tgt Ion:188 Resp: 184309

Ion	Ratio	Lower	Upper
188	100		
94	5.3	6.9	10.3#
80	7.0	7.7	11.5#



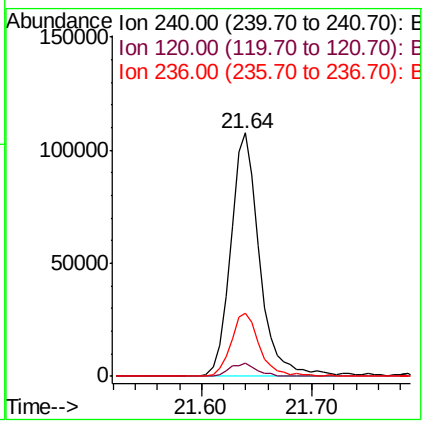


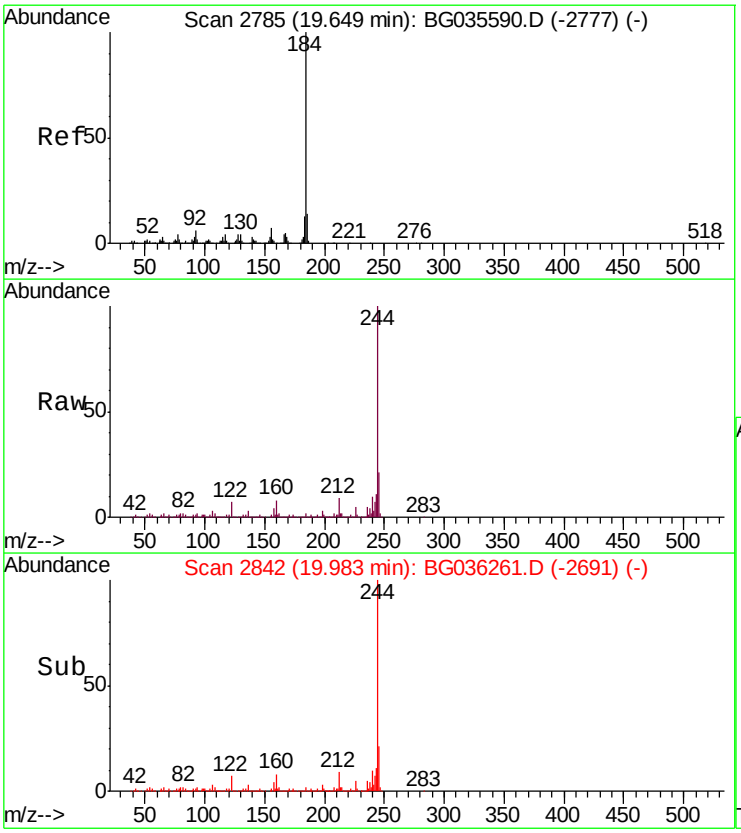
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036261.D
Acq: 10 Aug 2018 9:57

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:240 Resp: 196779

Ion	Ratio	Lower	Upper
240	100		
120	5.2	6.8	10.2#
236	26.1	20.9	31.3

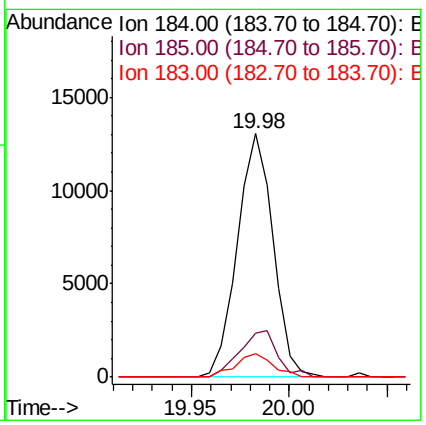


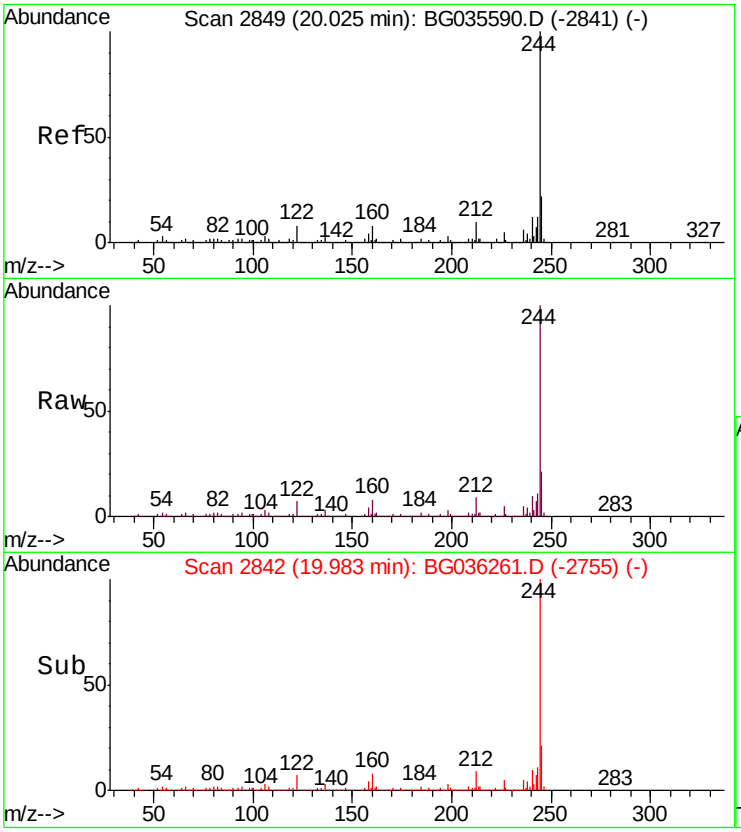


#76
Benzidine
Concen: 3.192 ng
RT: 19.98 min Scan# 2842
Delta R.T. 0.36 min
Lab File: BG036261.D
Acq: 10 Aug 2018 9:57

Tgt Ion:184 Resp: 16514

Ion	Ratio	Lower	Upper
184	100		
185	18.2	11.1	16.7#
183	9.6	10.6	16.0#



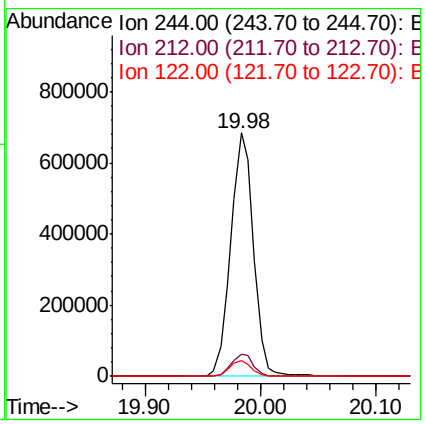


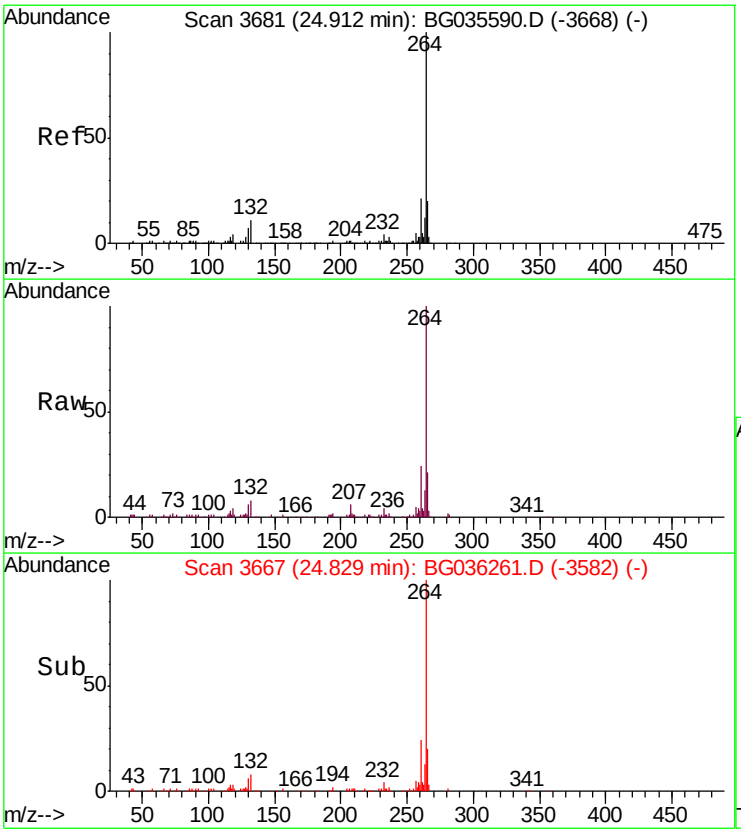
#78
Terphenyl-d14
Concen: 104.280 ng
RT: 19.98 min Scan# 2842
Delta R.T. -0.02 min
Lab File: BG036261.D
Acq: 10 Aug 2018 9:57

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:244 Resp: 930913

Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	6.7	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3667
Delta R.T. -0.03 min
Lab File: BG036261.D
Acq: 10 Aug 2018 9:57

Tgt Ion:264 Resp: 187923

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	20.6	17.7	26.5