Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
Data File : BG036892.D
Acq On : 22 Sep 2018 13:35
Operator : JU/SJ
Sample : J5019-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 24 03:54:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 20:07:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	39793	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	170301	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	119915	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	312702	20.00	ng		0.00
75) Chrysene-d12	21.68	240	332658	20.00	ng		0.00
86) Perylene-d12	24.89	264	334568	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	89719	43.24	ng		0.00
7) Phenol-d6	7.21	99	77834	24.25	ng		0.00
23) Nitrobenzene-d5	9.21	82	317724	99.91	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	147526	102.83	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	778012	96.63	ng		0.00
78) Terphenyl-d14	20.03	244	1393614	110.16	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.23	94	7730	2.333	ng		84
19) n-Nitroso-di-n-propylamine	9.21	70	42331	15.851	ng	#	72
49) Dimethylphthalate	14.12	163	35991	3.729	ng		99
50) 2,6-Dinitrotoluene	14.67	165	15458	7.340	ng	#	20
56) 2,4-Dinitrotoluene	14.67	165	15458	5.260	ng	#	18
66) 4-Bromophenyl-phenylether	16.16	248	10242	2.880	ng	#	1
76) Benzidine	20.03	184	24525	2.439	ng	#	92

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

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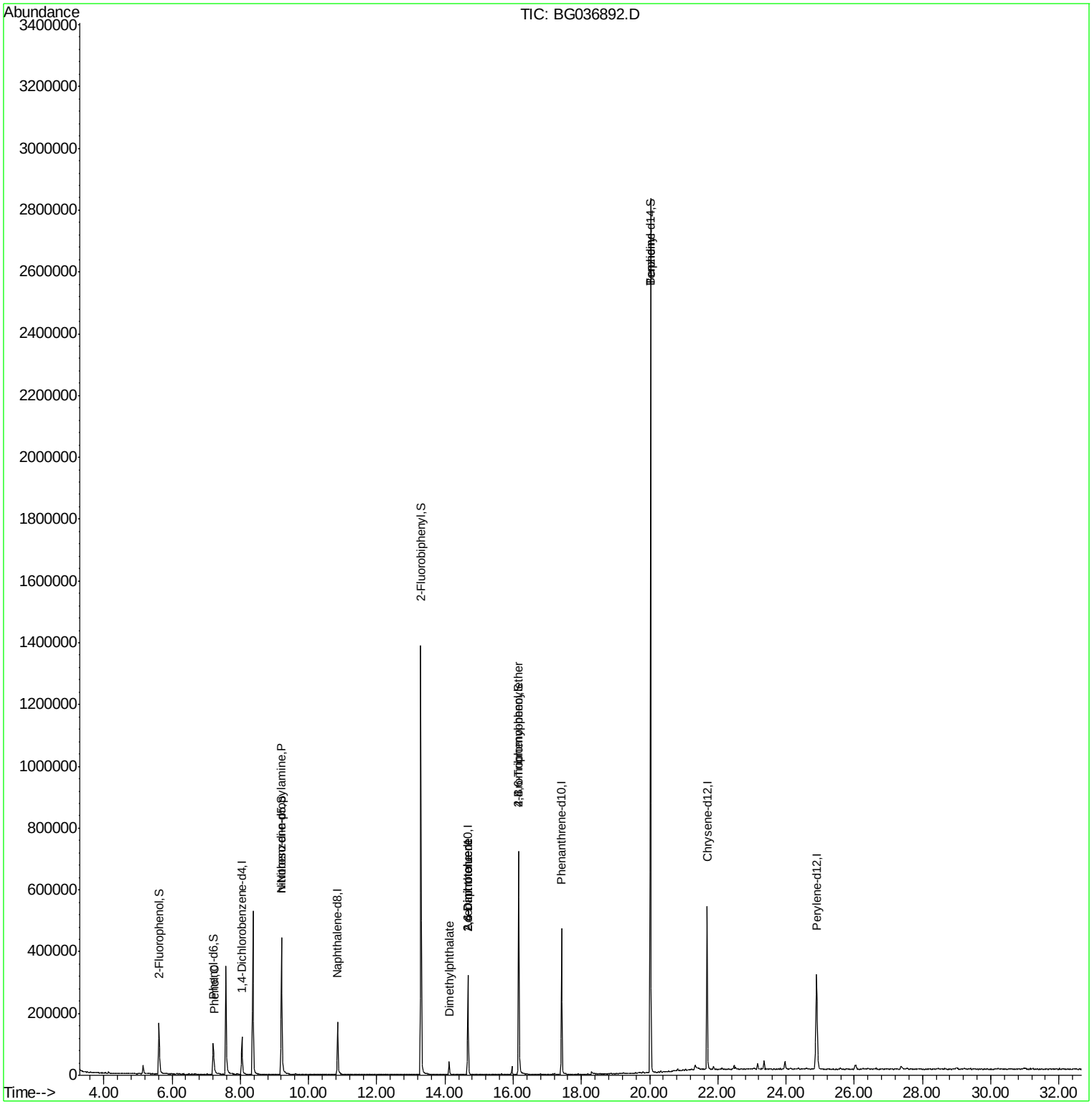
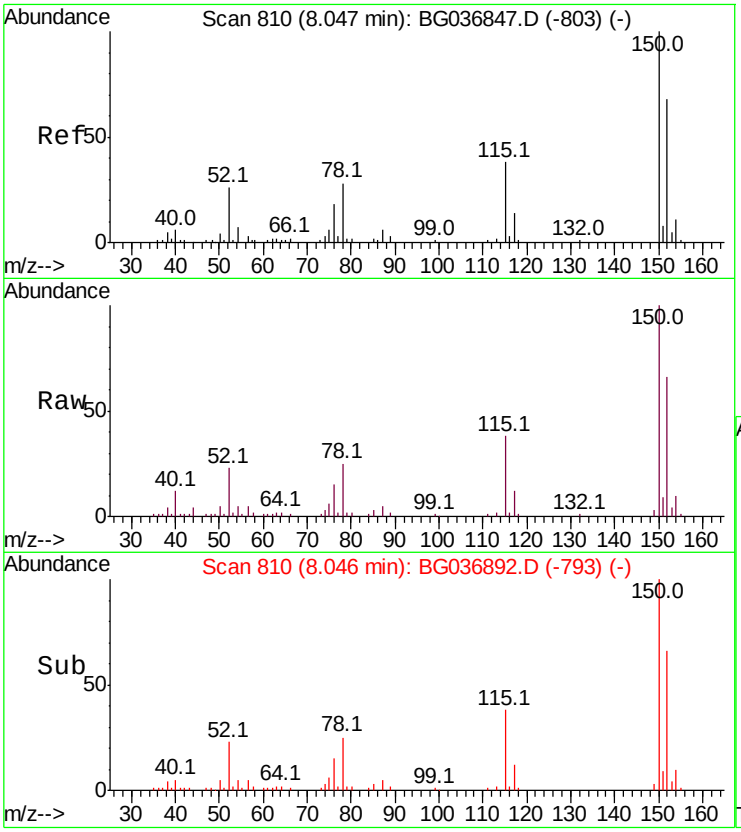


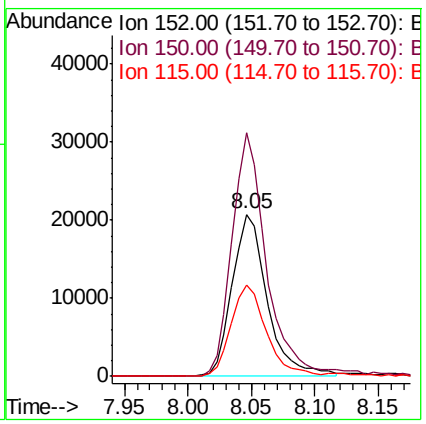


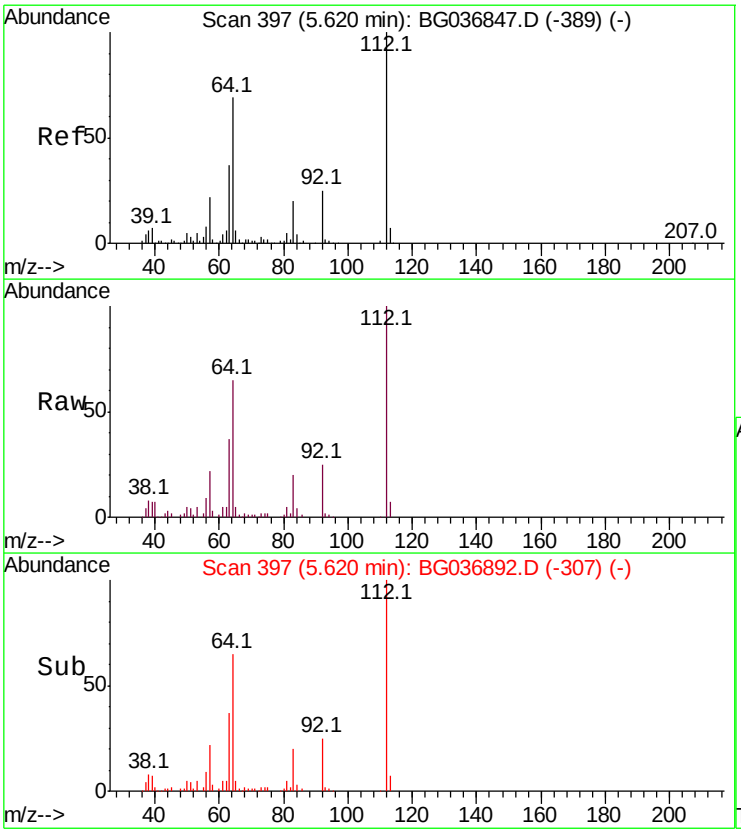
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG036892.D
Acq: 22 Sep 2018 13:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 39793

Ion	Ratio	Lower	Upper
152	100		
150	150.6	119.5	179.3
115	56.6	44.5	66.7

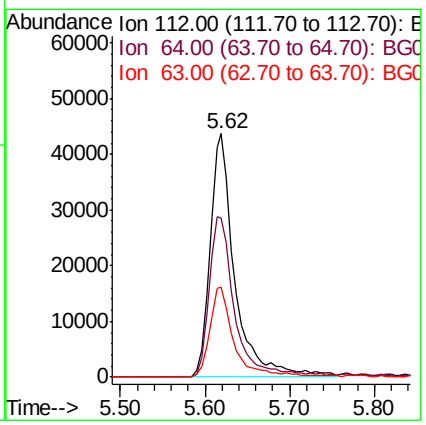


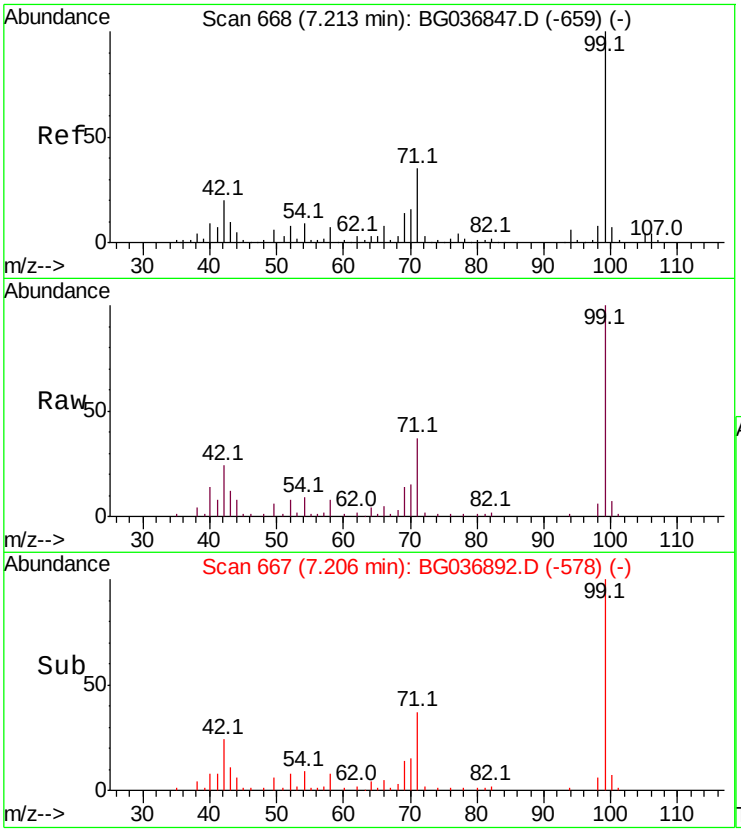


#5
2-Fluorophenol
Concen: 43.239 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036892.D
Acq: 22 Sep 2018 13:35

Tgt Ion:112 Resp: 89719

Ion	Ratio	Lower	Upper
112	100		
64	65.4	57.2	85.8
63	36.8	30.8	46.2



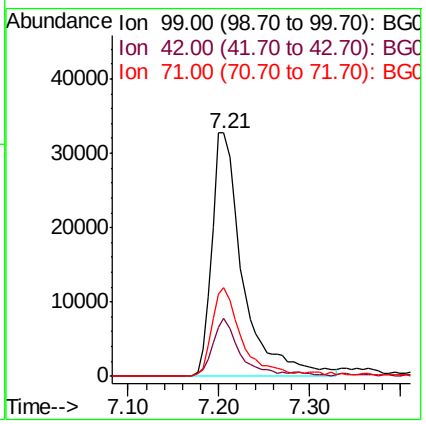


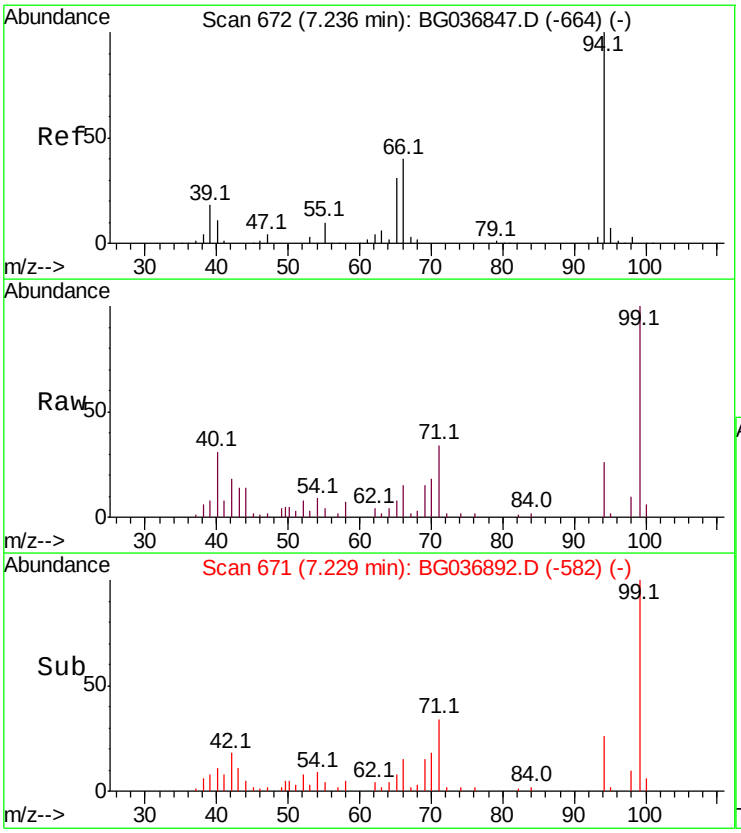
#7
Phenol-d6
Concen: 24.245 ng
RT: 7.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BG036892.D
Acq: 22 Sep 2018 13:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 77834

Ion	Ratio	Lower	Upper
99	100		
42	23.6	16.5	24.7
71	36.7	29.4	44.2

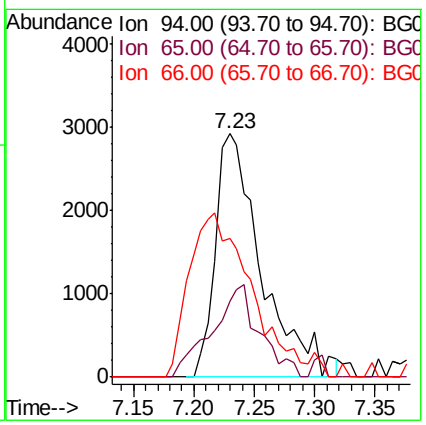


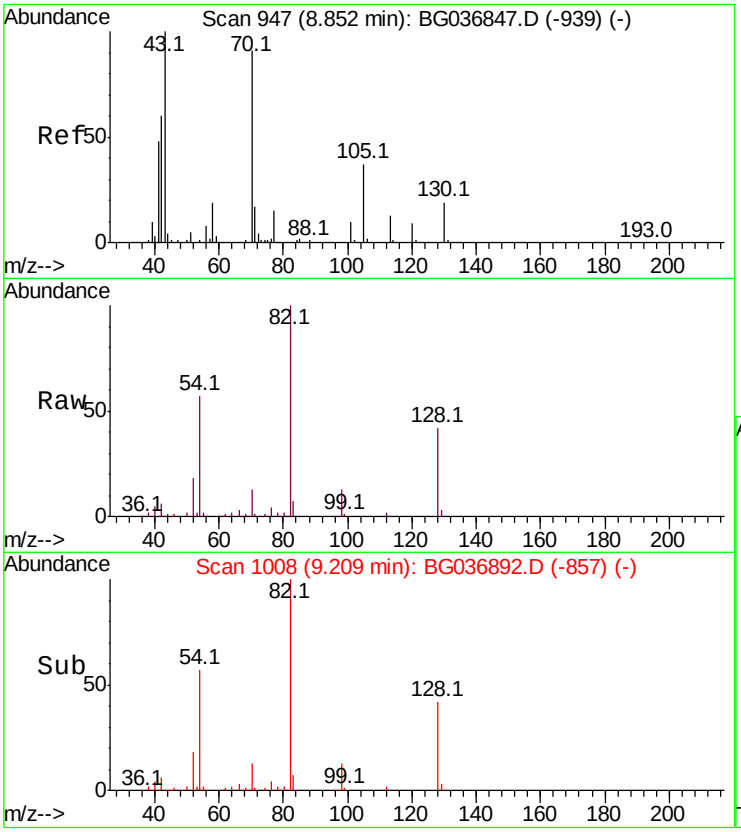


#10
Phenol
Concen: 2.333 ng
RT: 7.23 min Scan# 671
Delta R.T. -0.01 min
Lab File: BG036892.D
Acq: 22 Sep 2018 13:35

Tgt Ion: 94 Resp: 7730

Ion	Ratio	Lower	Upper
94	100		
65	31.3	11.5	51.5
66	56.7	19.5	59.5



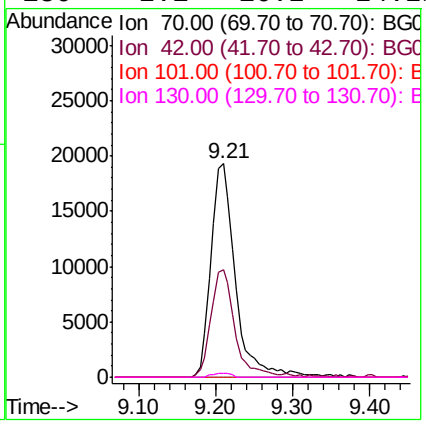


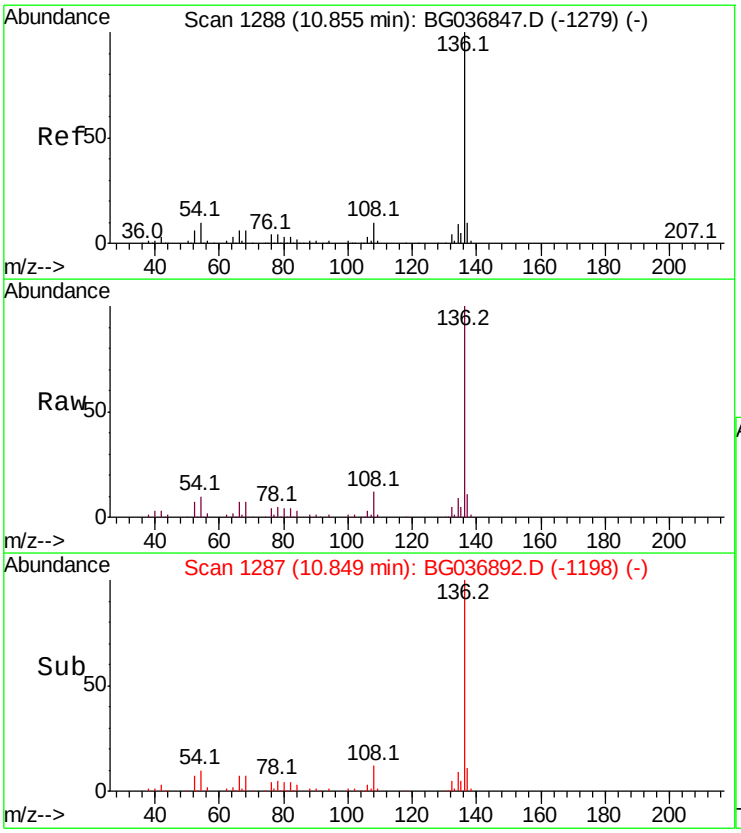
#19
n-Nitroso-di-n-propylamine
Concen: 15.851 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.36 min
Lab File: BG036892.D
Acq: 22 Sep 2018 13:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 42331

Ion	Ratio	Lower	Upper
70	100		
42	50.1	56.2	84.4#
101	0.0	7.8	11.6#
130	2.1	16.2	24.2#

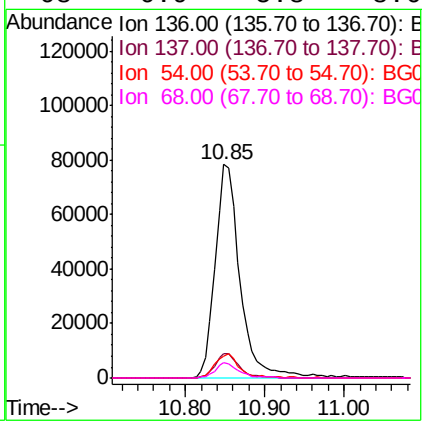


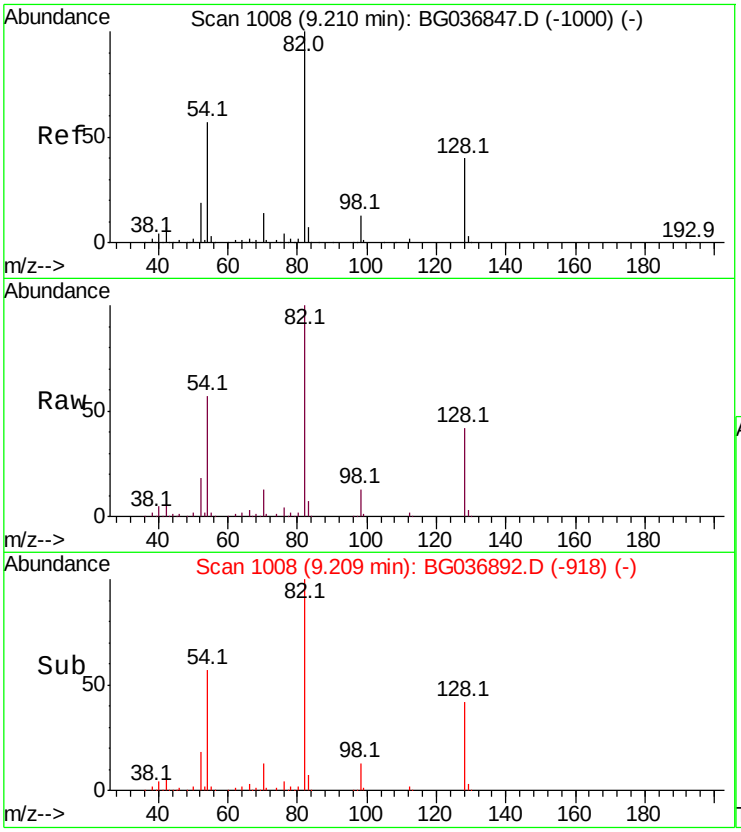


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036892.D
Acq: 22 Sep 2018 13:35

Tgt Ion:136 Resp: 170301

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.3	9.2	13.8
68	6.9	5.8	8.6



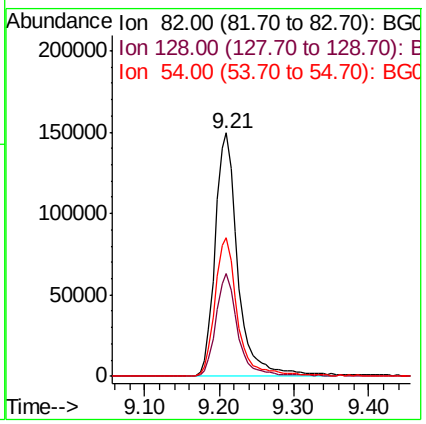


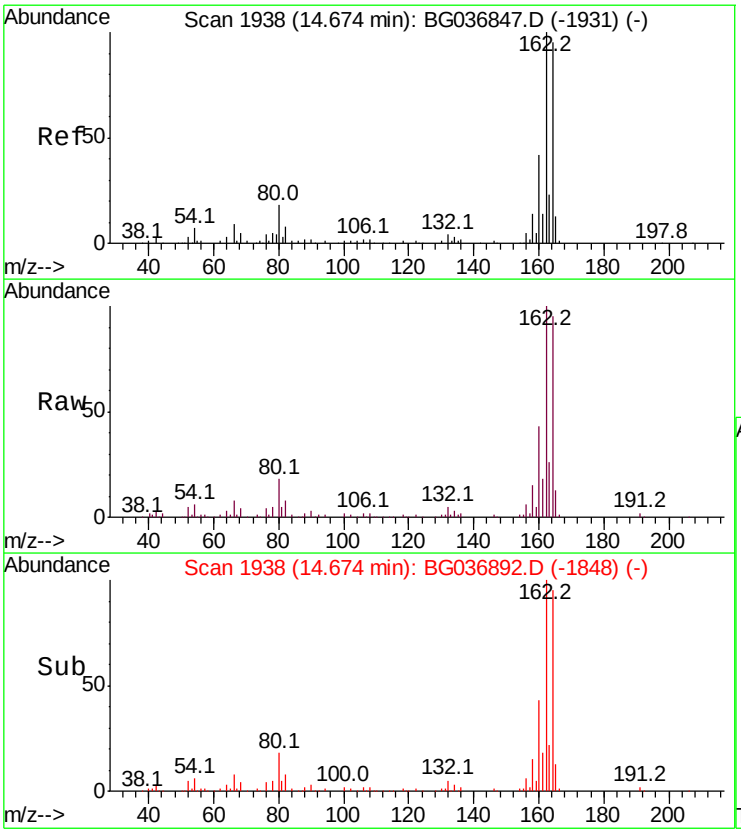
#23
Nitrobenzene-d5
Concen: 99.908 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG036892.D
Acq: 22 Sep 2018 13:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 317724

Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.3	49.9
54	56.8	45.1	67.7

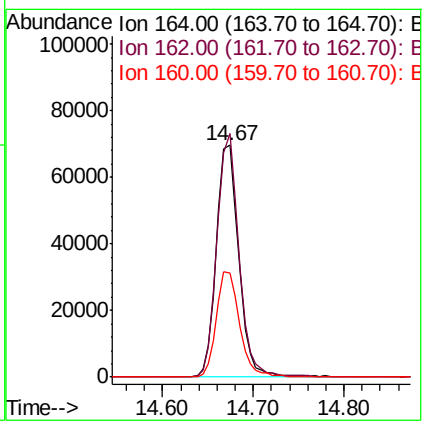


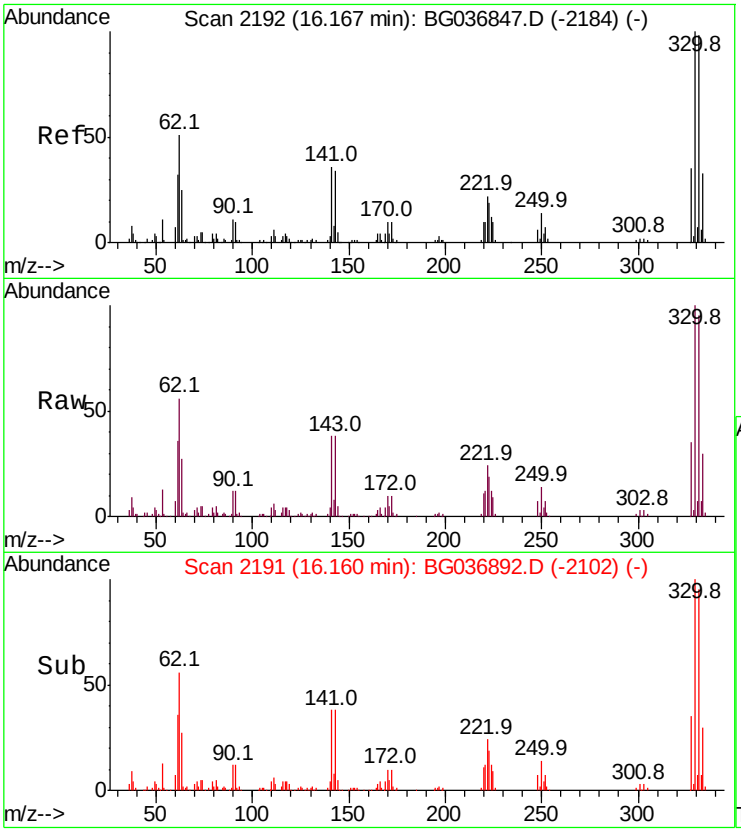


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG036892.D
Acq: 22 Sep 2018 13:35

Tgt Ion:164 Resp: 119915

Ion	Ratio	Lower	Upper
164	100		
162	105.0	80.7	121.1
160	45.0	35.3	52.9



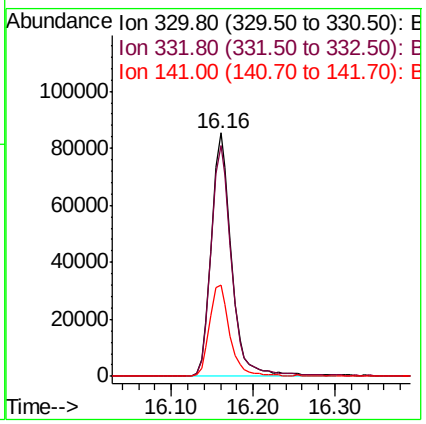


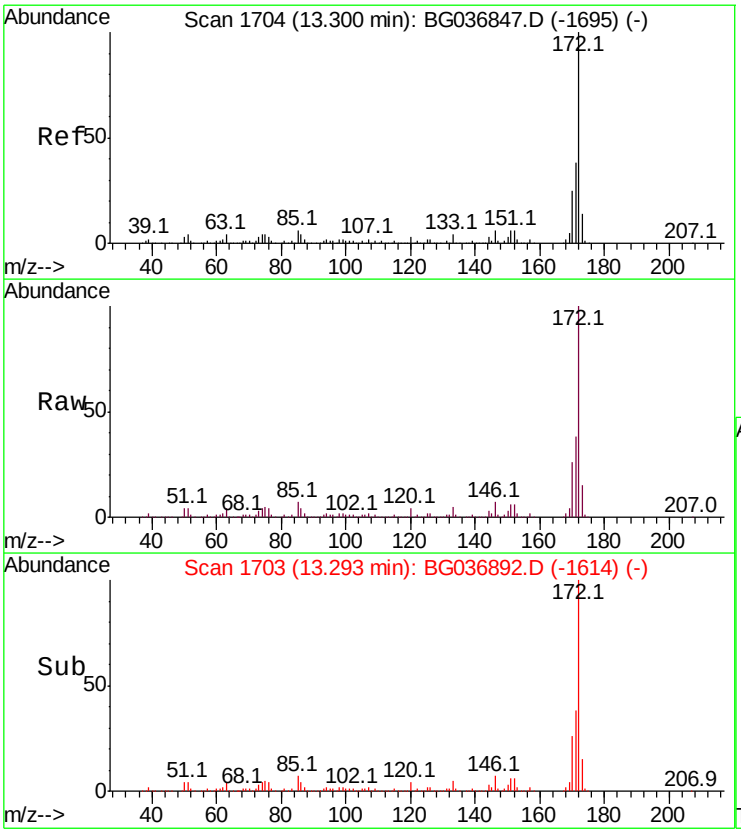
#41
2,4,6-Tribromophenol
Concen: 102.826 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG036892.D
Acq: 22 Sep 2018 13:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 147526

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.4	113.2
141	37.9	30.7	46.1

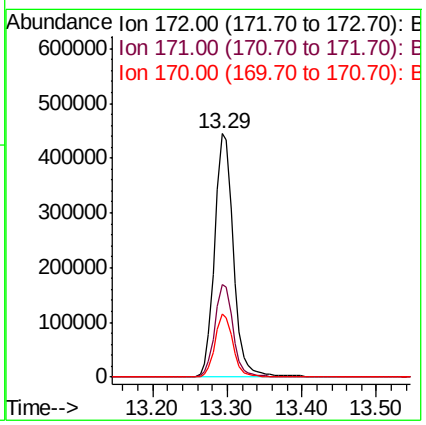


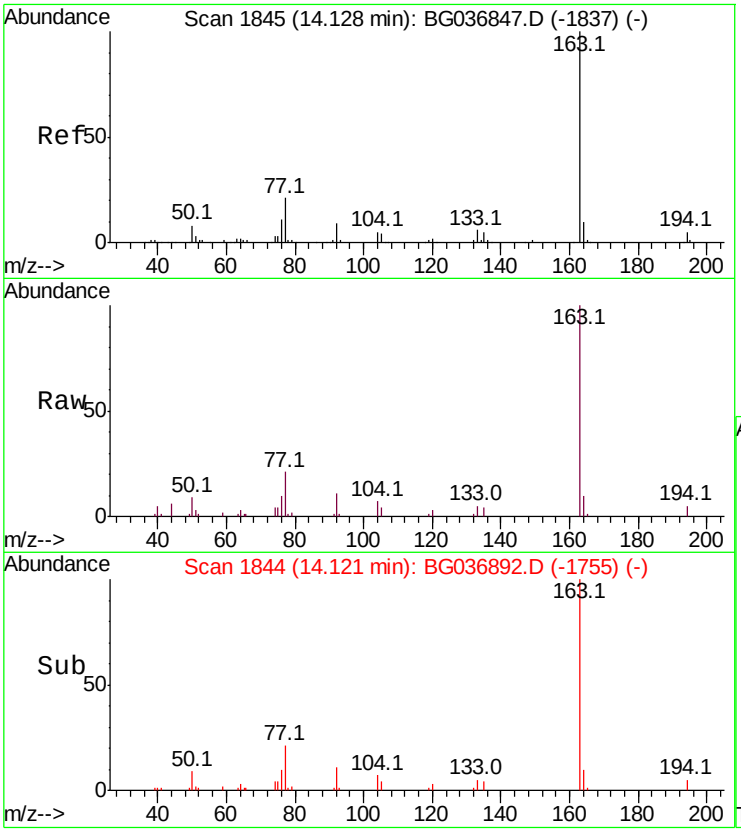


#44
2-Fluorobiphenyl
Concen: 96.632 ng
RT: 13.29 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG036892.D
Acq: 22 Sep 2018 13:35

Tgt Ion:172 Resp: 778012

Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.3	46.9
170	26.1	21.0	31.6



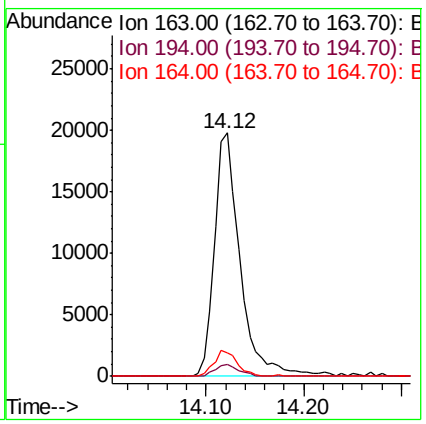


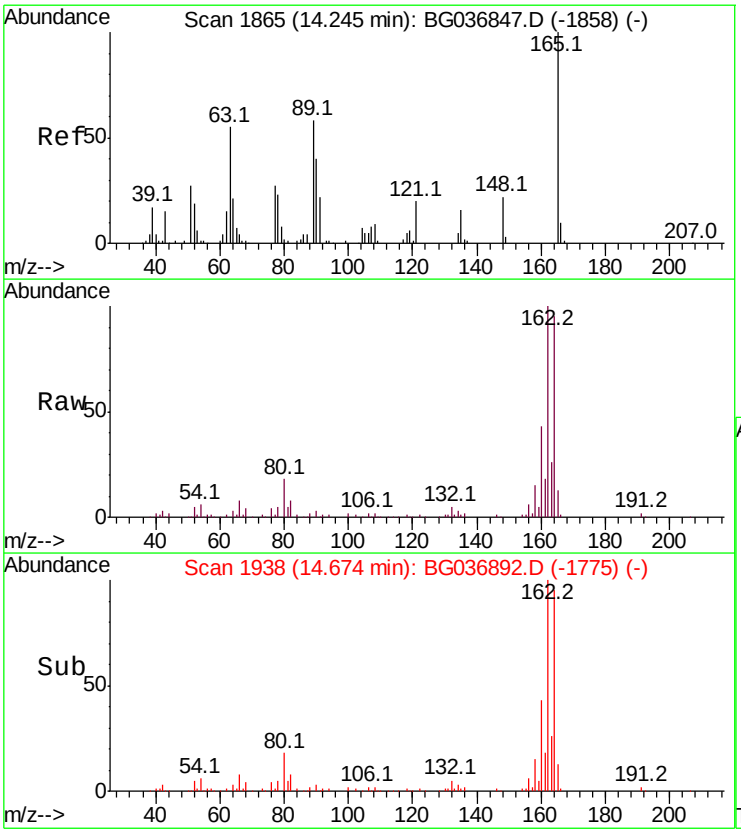
#49
Dimethylphthalate
Concen: 3.729 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BG036892.D
Acq: 22 Sep 2018 13:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 35991

Ion	Ratio	Lower	Upper
163	100		
194	4.7	4.0	6.0
164	9.8	8.1	12.1

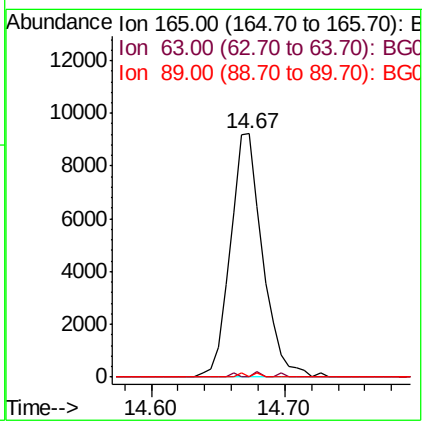


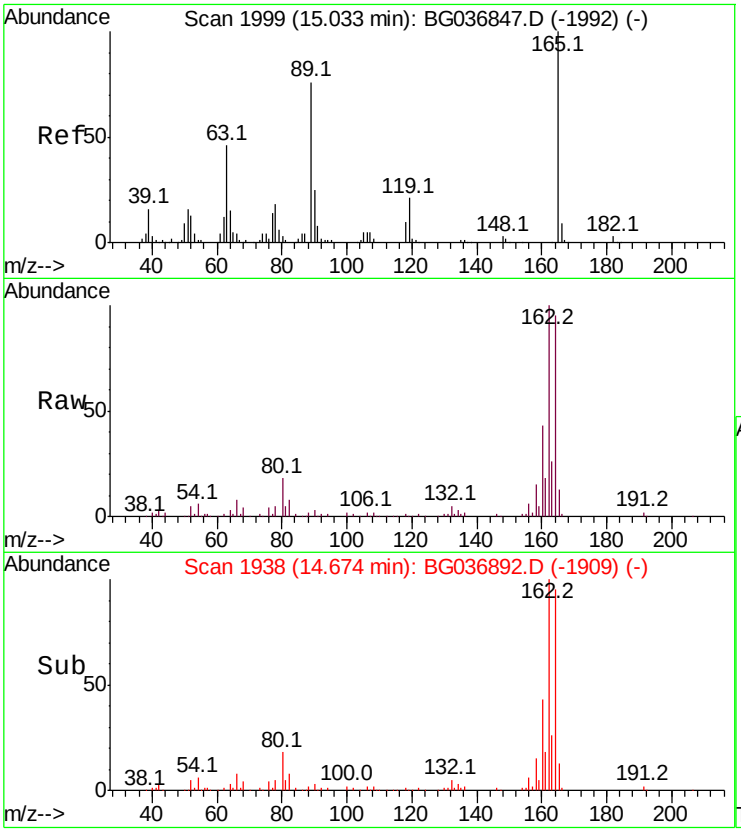


#50
2,6-Dinitrotoluene
Concen: 7.340 ng
RT: 14.67 min Scan# 1938
Delta R.T. 0.43 min
Lab File: BG036892.D
Acq: 22 Sep 2018 13:35

Tgt Ion:165 Resp: 15458

Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	0.0	47.8	71.6#



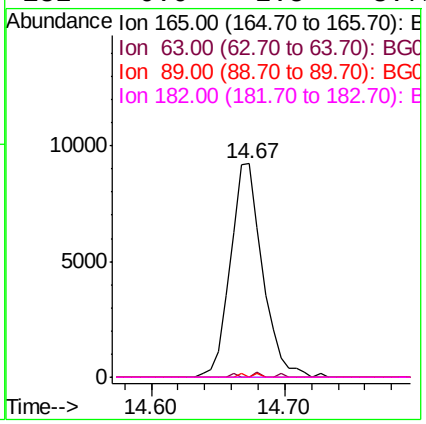


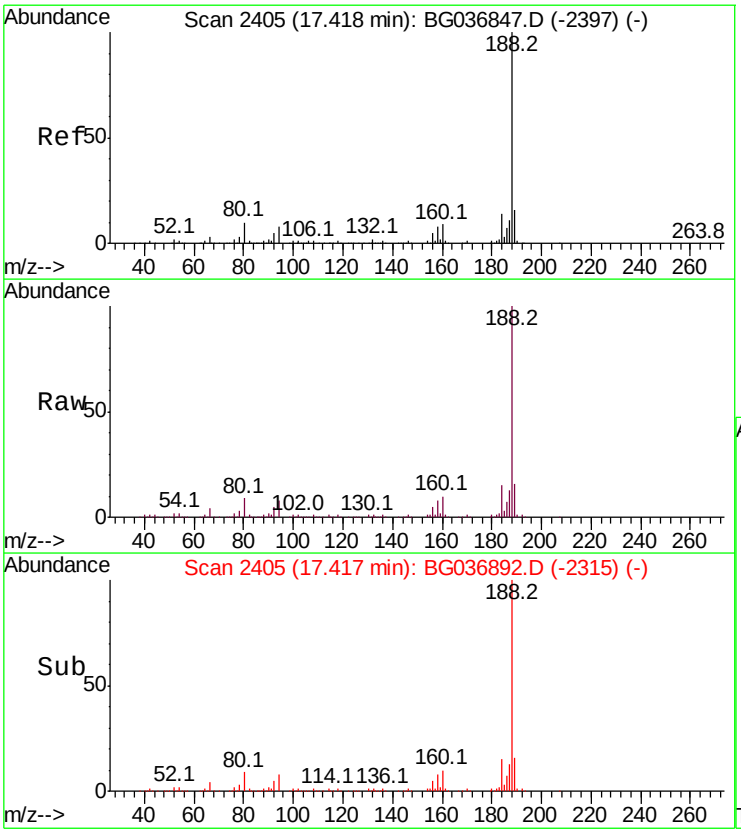
#56
2,4-Dinitrotoluene
Concen: 5.260 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.36 min
Lab File: BG036892.D
Acq: 22 Sep 2018 13:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 15458

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#

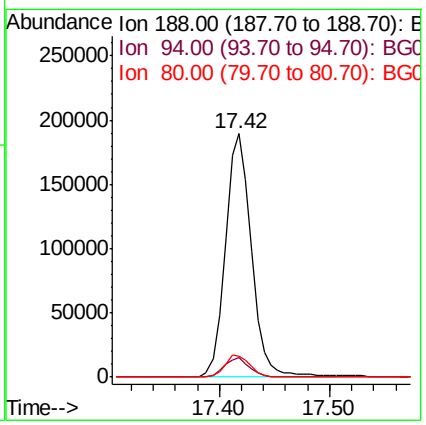


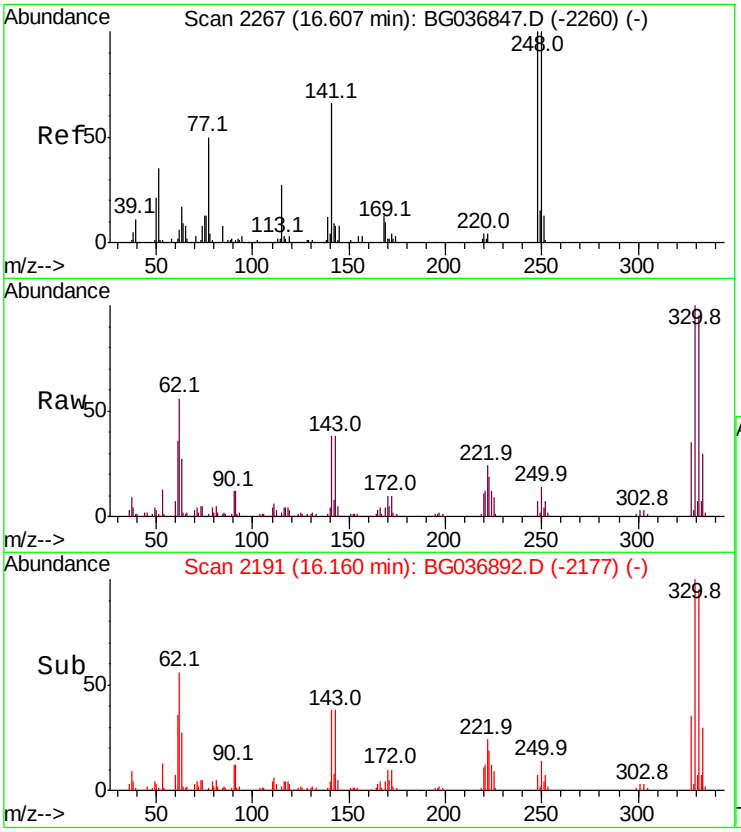


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BG036892.D
Acq: 22 Sep 2018 13:35

Tgt Ion:188 Resp: 312702

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.7	10.1
80	8.8	8.1	12.1



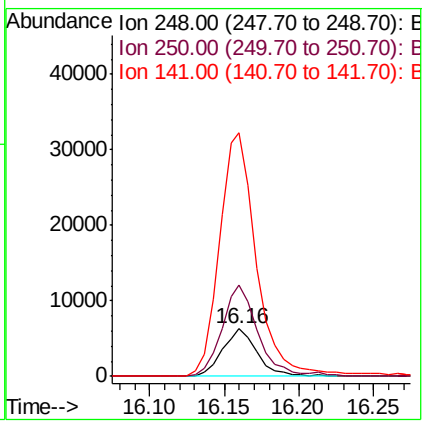


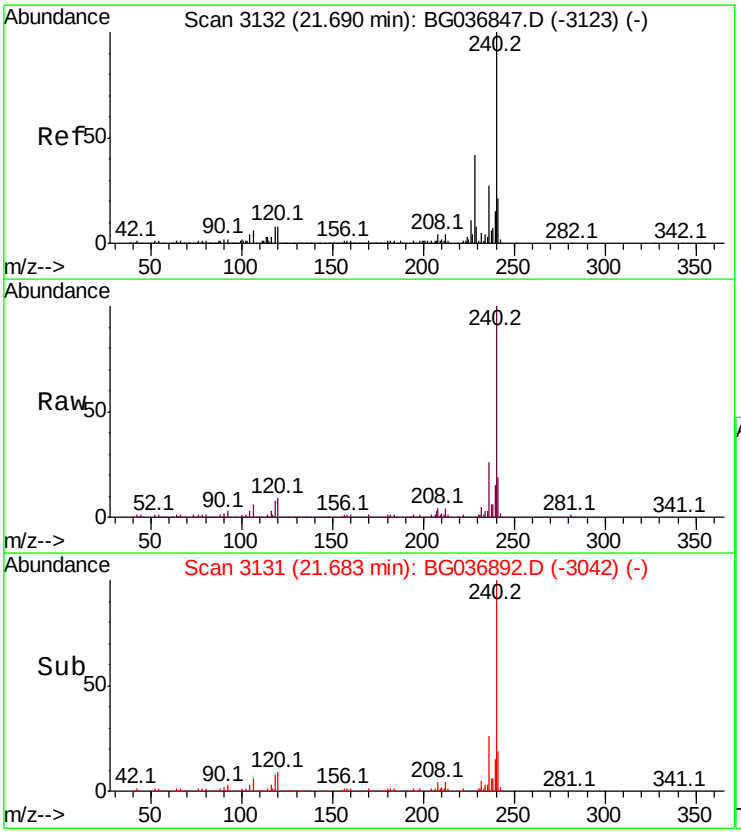
#66
4-Bromophenyl-phenylether
Concen: 2.880 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.45 min
Lab File: BG036892.D
Acq: 22 Sep 2018 13:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 10242

Ion	Ratio	Lower	Upper
248	100		
250	190.7	78.1	117.1#
141	511.0	53.7	80.5#

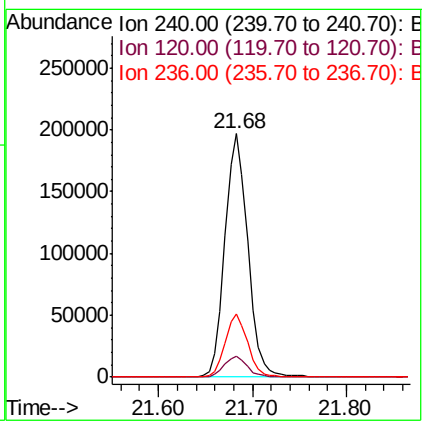


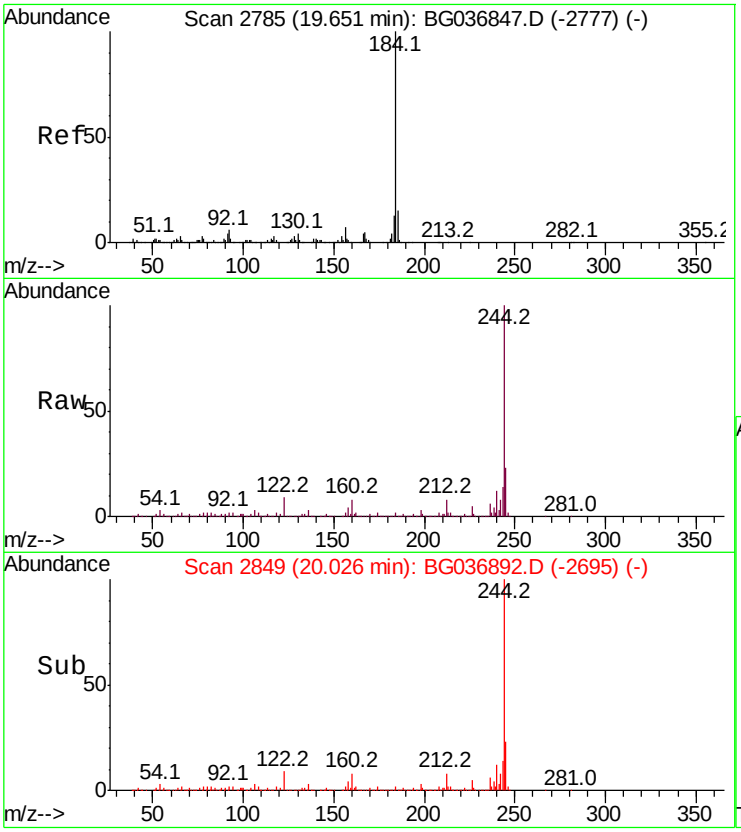


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036892.D
Acq: 22 Sep 2018 13:35

Tgt Ion:240 Resp: 332658

Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.9	10.3
236	25.9	21.2	31.8



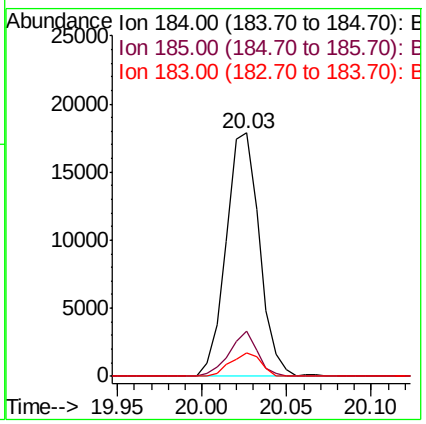


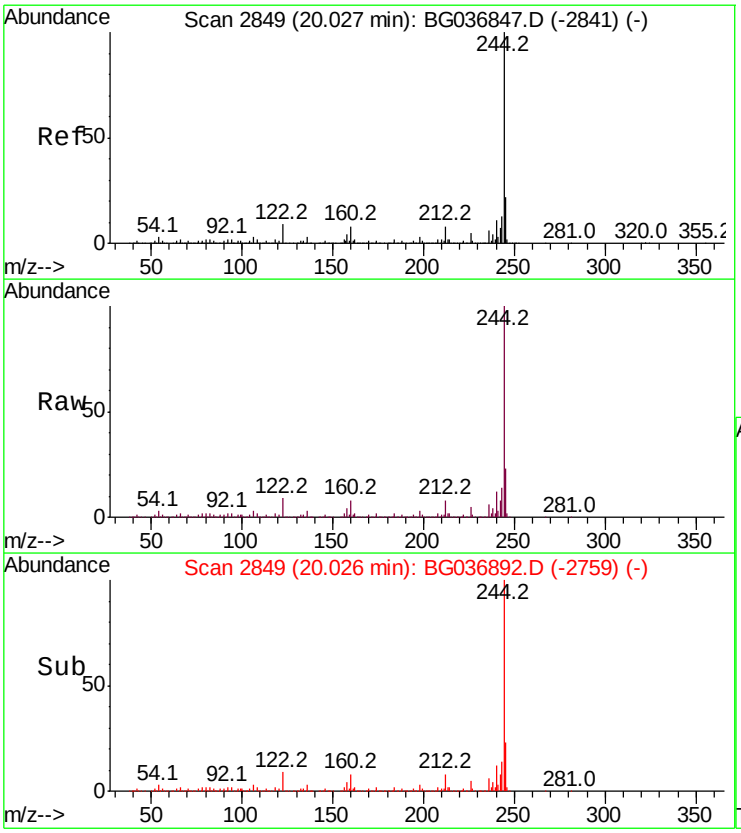
#76
Benzidine
Concen: 2.439 ng
RT: 20.03 min Scan# 2849
Delta R.T. 0.38 min
Lab File: BG036892.D
Acq: 22 Sep 2018 13:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 24525

Ion	Ratio	Lower	Upper
184	100		
185	18.4	12.6	18.8
183	9.9	10.9	16.3#

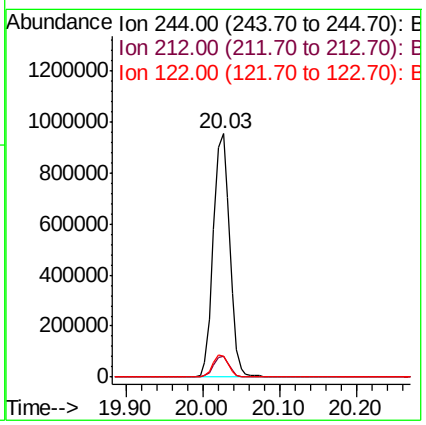


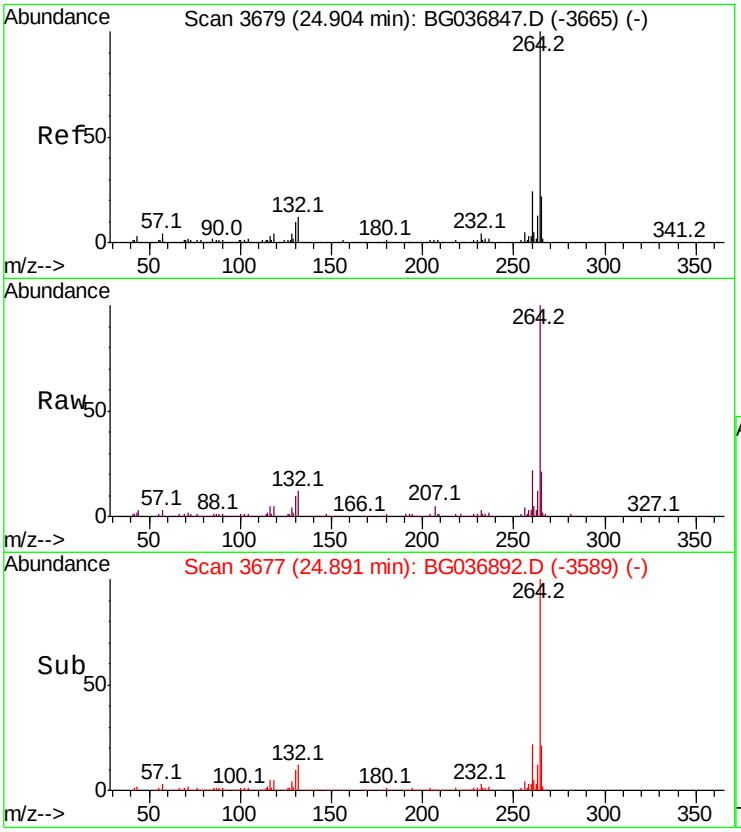


#78
Terphenyl-d14
Concen: 110.158 ng
RT: 20.03 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG036892.D
Acq: 22 Sep 2018 13:35

Tgt Ion:244 Resp: 1393614

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	8.7	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG036892.D
Acq: 22 Sep 2018 13:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 334568

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.6	29.4
265	20.8	17.4	26.0