Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062518\
Data File : BG035399.D
Acq On : 26 Jun 2018 5:48
Operator : JU/SJ
Sample : J3684-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 26 08:30:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49029	20.00	ng		-0.02
21) Naphthalene-d8	10.85	136	186637	20.00	ng		-0.03
38) Acenaphthene-d10	14.67	164	130223	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	355507	20.00	ng		-0.02
75) Chrysene-d12	21.68	240	385760	20.00	ng		-0.04
86) Perylene-d12	24.89	264	358452	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	405202	139.47	ng		-0.01
7) Phenol-d6	7.21	99	531406	123.93	ng		-0.01
23) Nitrobenzene-d5	9.21	82	412403	105.03	ng		-0.03
41) 2,4,6-Tribromophenol	16.16	330	292900	175.70	ng		-0.02
44) 2-Fluorobiphenyl	13.30	172	934034	93.24	ng		-0.03
78) Terphenyl-d14	20.02	244	1759841	95.56	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.21	70	53560	14.702	ng	#	65
31) Naphthalene	10.91	128	25888	2.670	ng		96
50) 2,6-Dinitrotoluene	14.67	165	17314	8.357	ng	#	20
56) 2,4-Dinitrotoluene	14.67	165	17314	6.291	ng	#	18
66) 4-Bromophenyl-phenylether	16.16	248	23185	5.416	ng	#	1
76) Benzidine	20.02	184	29941	2.086	ng	#	89

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

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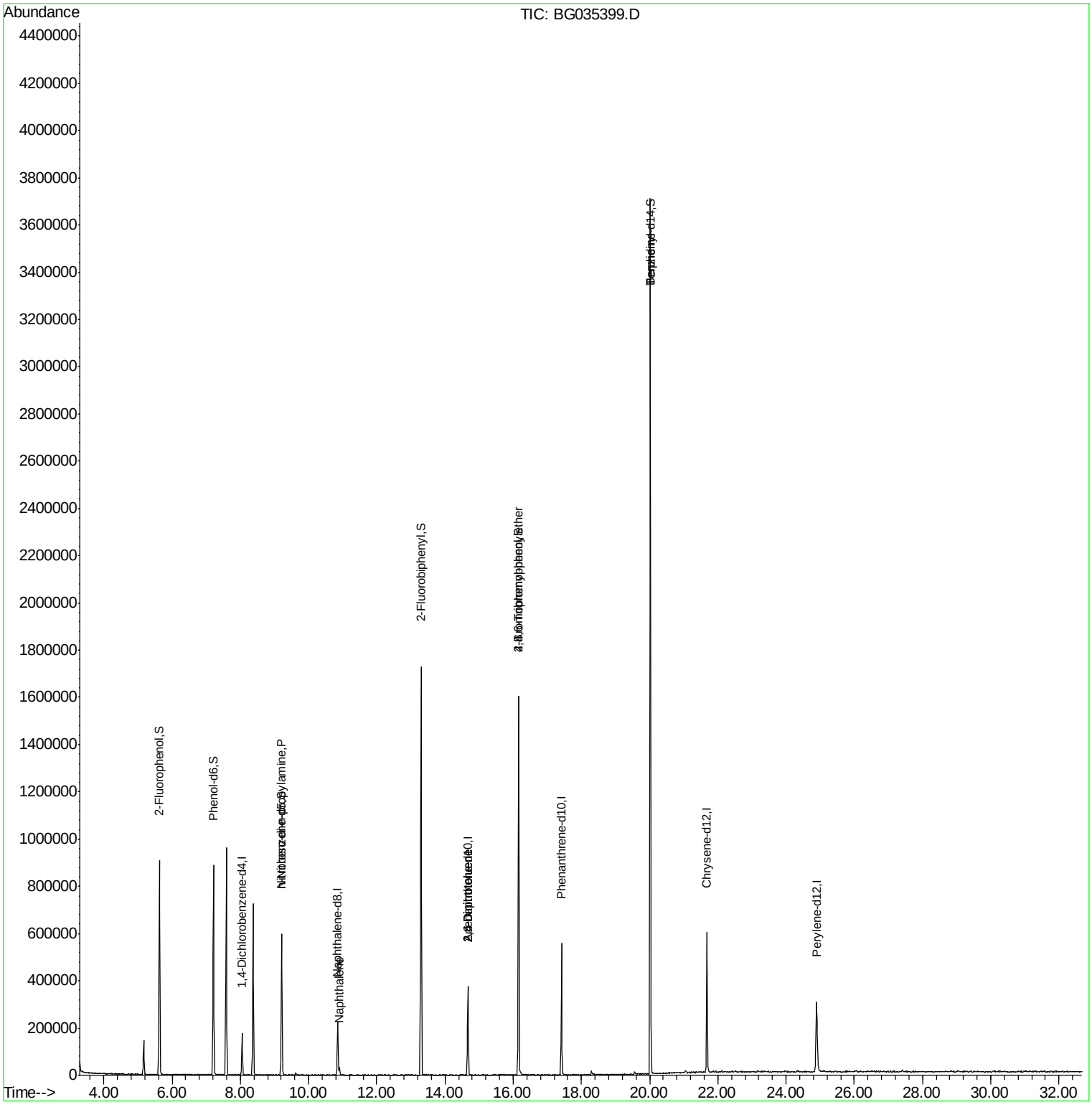
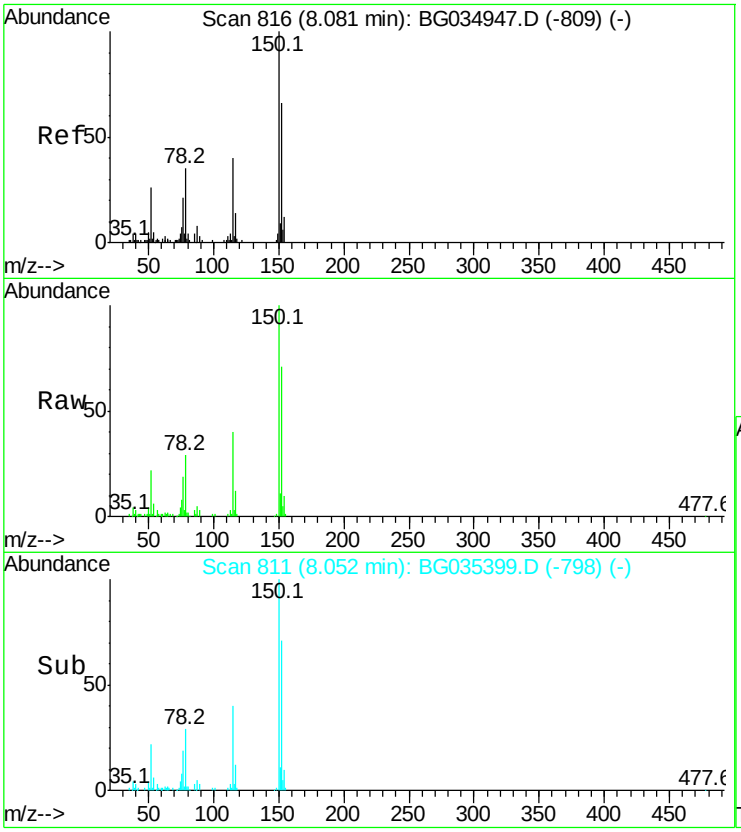


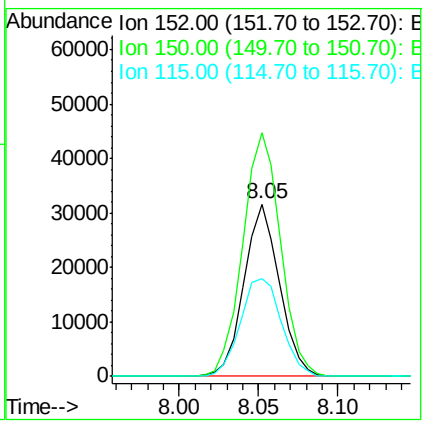


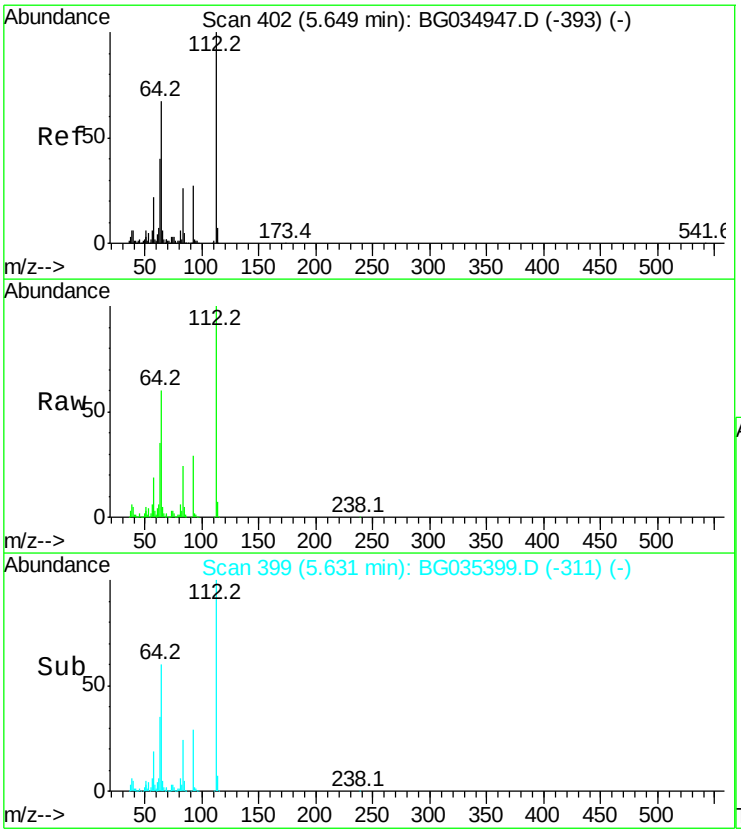
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035399.D
Acq: 26 Jun 2018 5:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 49029

Ion	Ratio	Lower	Upper
152	100		
150	141.1	126.6	189.8
115	56.3	53.0	79.4

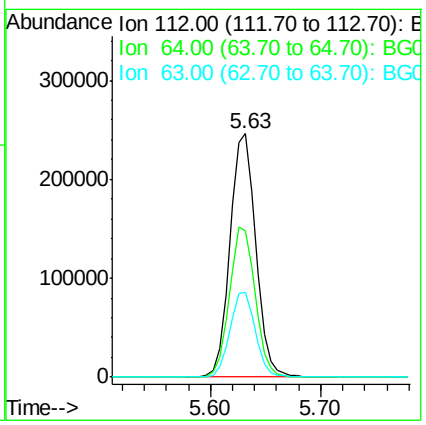


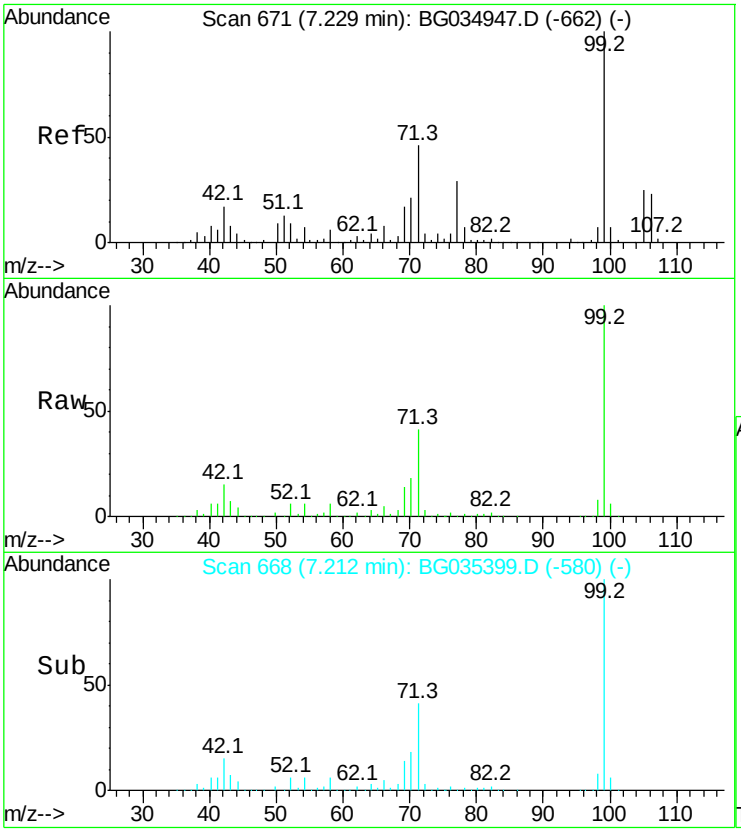


#5
2-Fluorophenol
Concen: 139.473 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035399.D
Acq: 26 Jun 2018 5:48

Tgt Ion:112 Resp: 405202

Ion	Ratio	Lower	Upper
112	100		
64	60.4	56.3	84.5
63	34.6	30.1	45.1



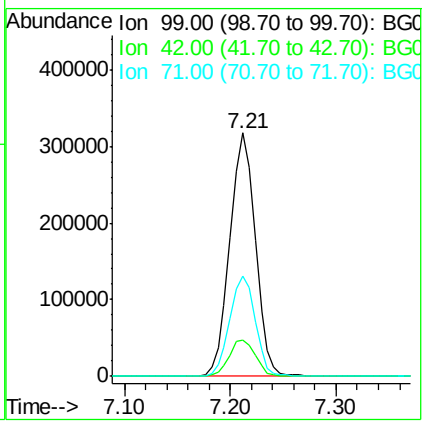


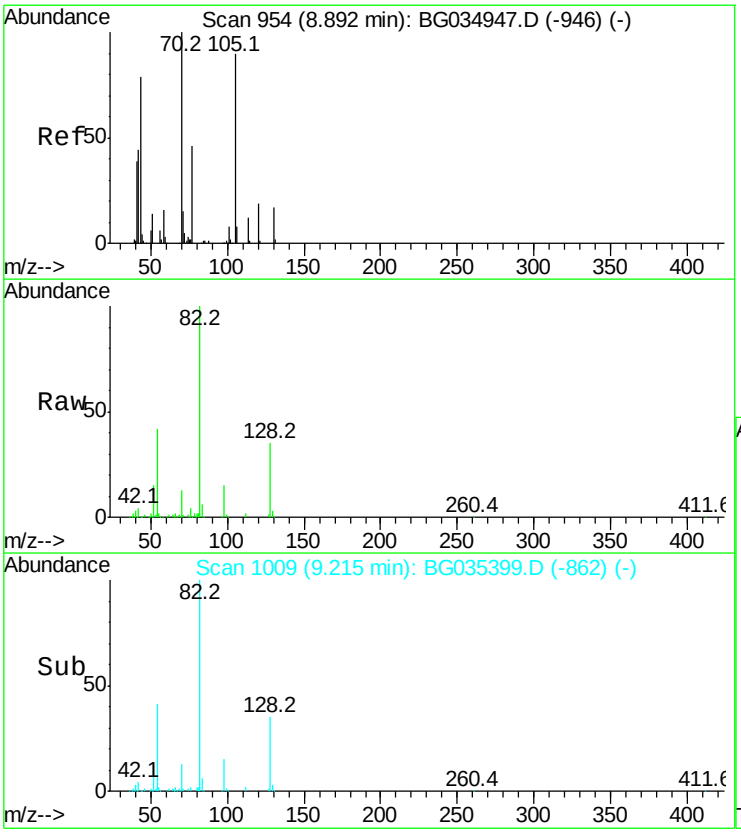
#7
Phenol-d6
Concen: 123.930 ng
RT: 7.21 min Scan# 668
Delta R.T. -0.01 min
Lab File: BG035399.D
Acq: 26 Jun 2018 5:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 531406

Ion	Ratio	Lower	Upper
99	100		
42	14.8	14.1	21.1
71	41.4	26.1	39.1#

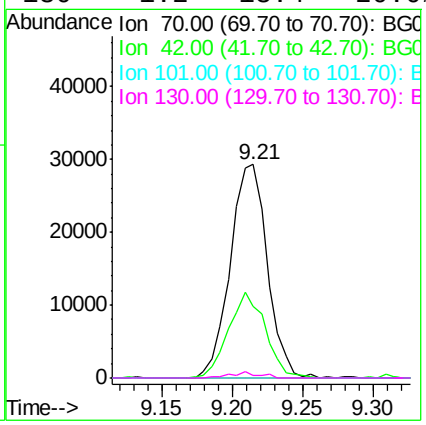


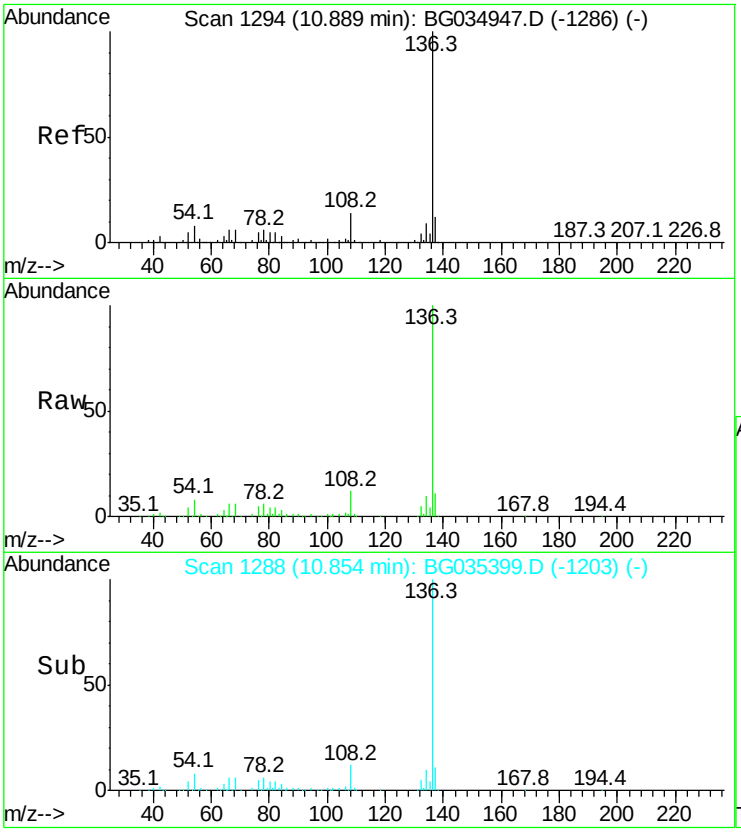


#19
n-Nitroso-di-n-propylamine
Concen: 14.702 ng
RT: 9.21 min Scan# 1009
Delta R.T. 0.33 min
Lab File: BG035399.D
Acq: 26 Jun 2018 5:48

Tgt Ion: 70 Resp: 53560

Ion	Ratio	Lower	Upper
70	100		
42	33.7	49.1	73.7#
101	0.0	8.5	12.7#
130	1.2	13.4	20.0#



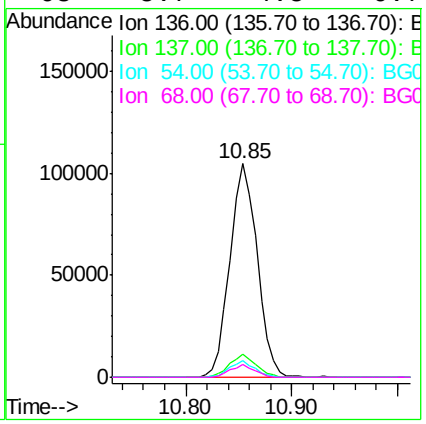


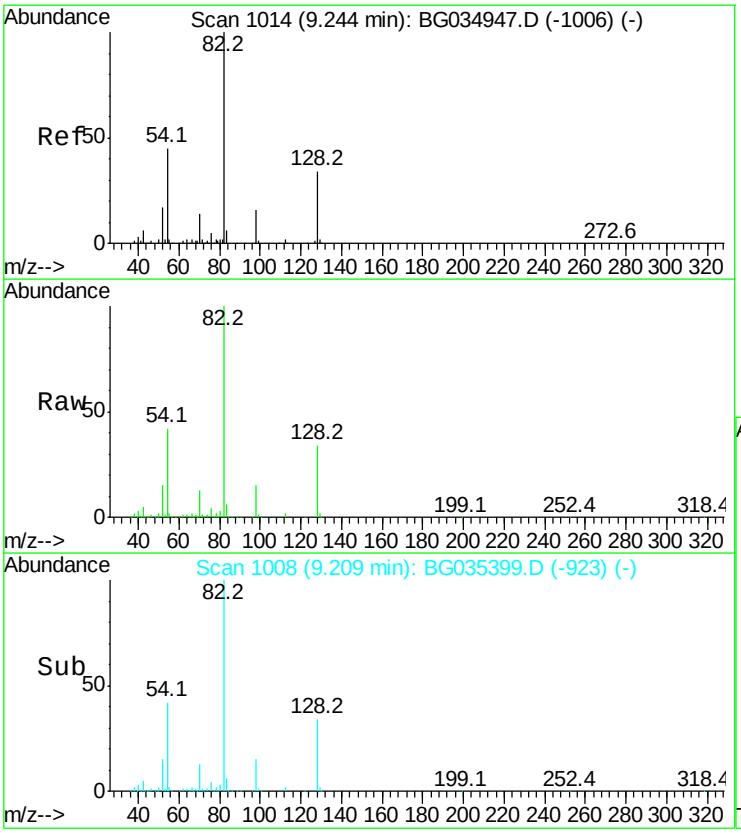
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035399.D
Acq: 26 Jun 2018 5:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 186637

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.8	10.3	15.5#
68	5.7	4.5	6.7

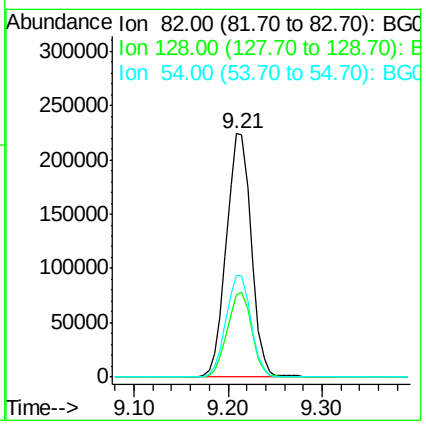


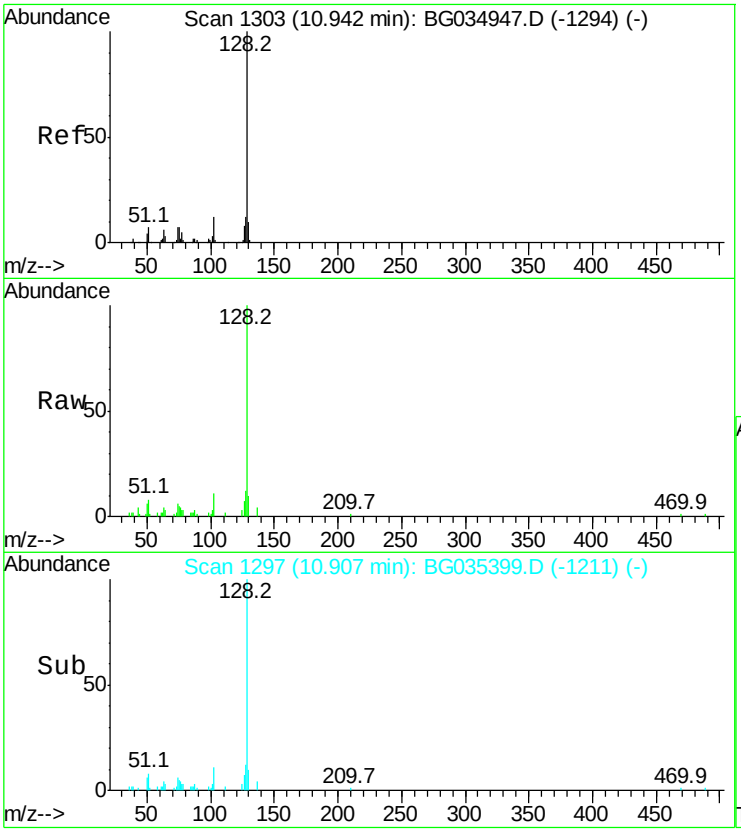


#23
Nitrobenzene-d5
Concen: 105.034 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG035399.D
Acq: 26 Jun 2018 5:48

Tgt Ion: 82 Resp: 412403

Ion	Ratio	Lower	Upper
82	100		
128	33.7	29.7	44.5
54	41.8	43.1	64.7#



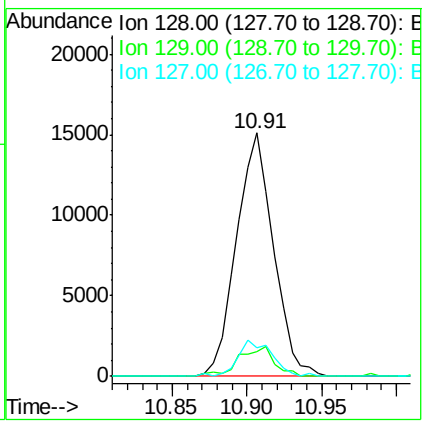


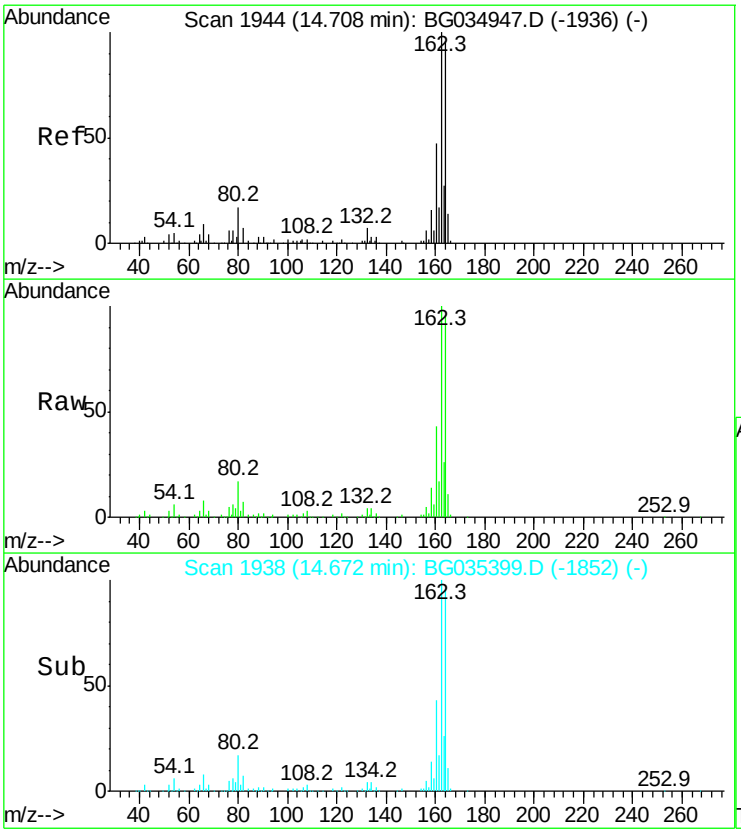
#31
Naphthalene
Concen: 2.670 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG035399.D
Acq: 26 Jun 2018 5:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 25888

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.6	12.8
127	11.9	11.6	17.4

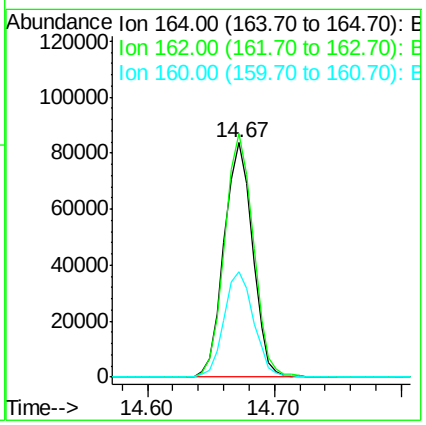


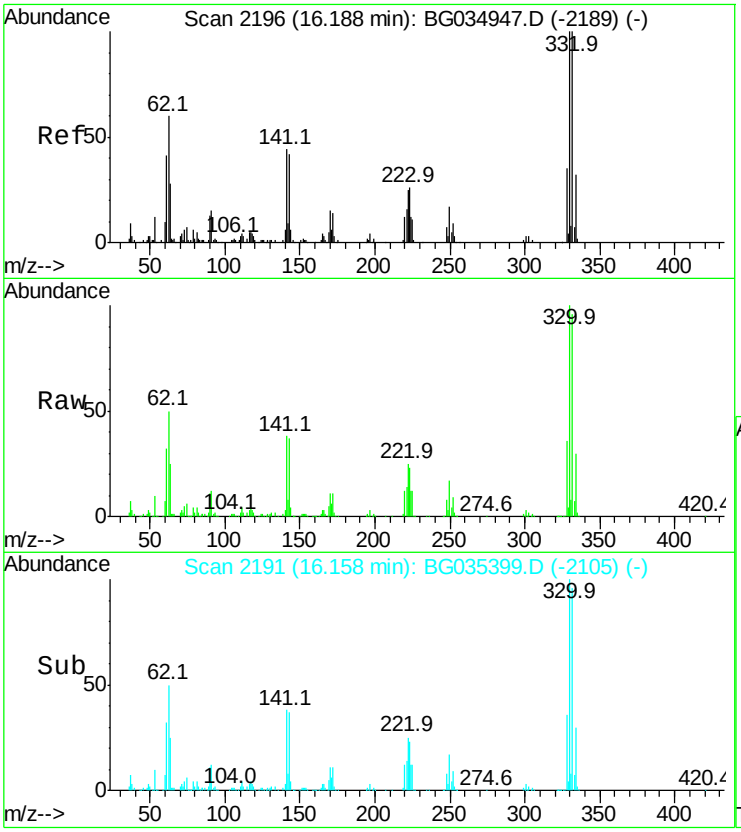


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG035399.D
Acq: 26 Jun 2018 5:48

Tgt Ion:164 Resp: 130223

Ion	Ratio	Lower	Upper
164	100		
162	103.9	78.8	118.2
160	44.9	35.4	53.0



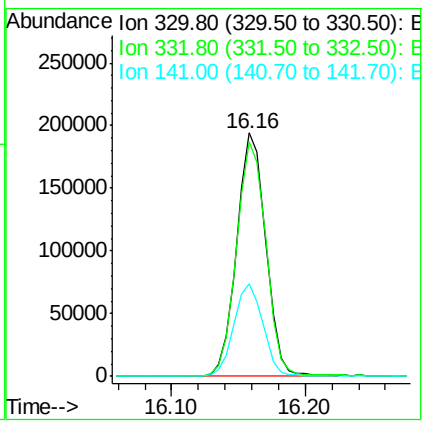


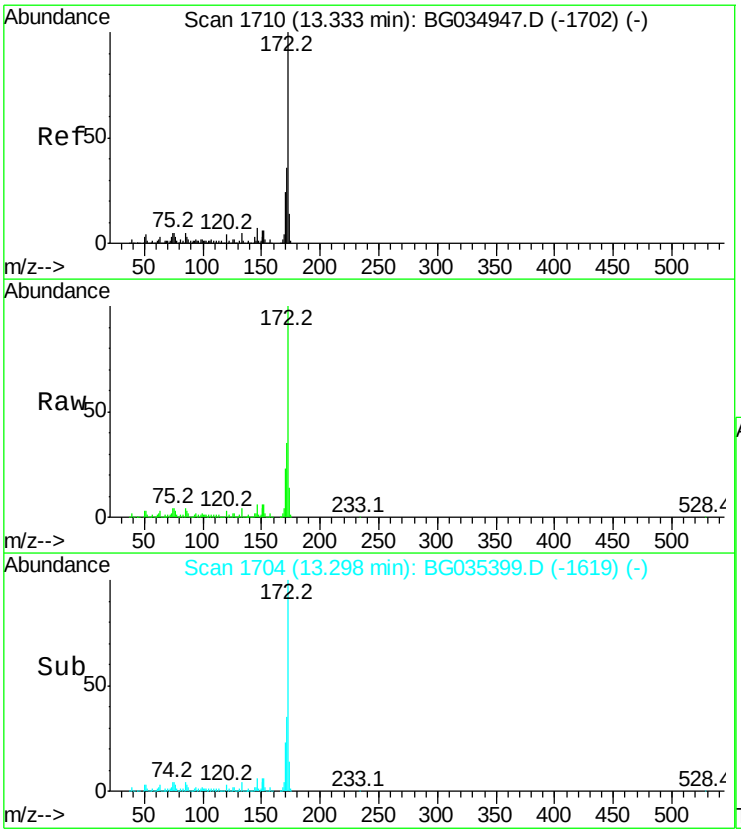
#41
2,4,6-Tribromophenol
Concen: 175.703 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BG035399.D
Acq: 26 Jun 2018 5:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 292900

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	38.3	25.2	37.8#

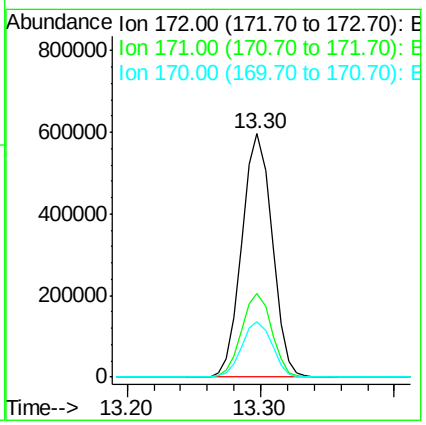


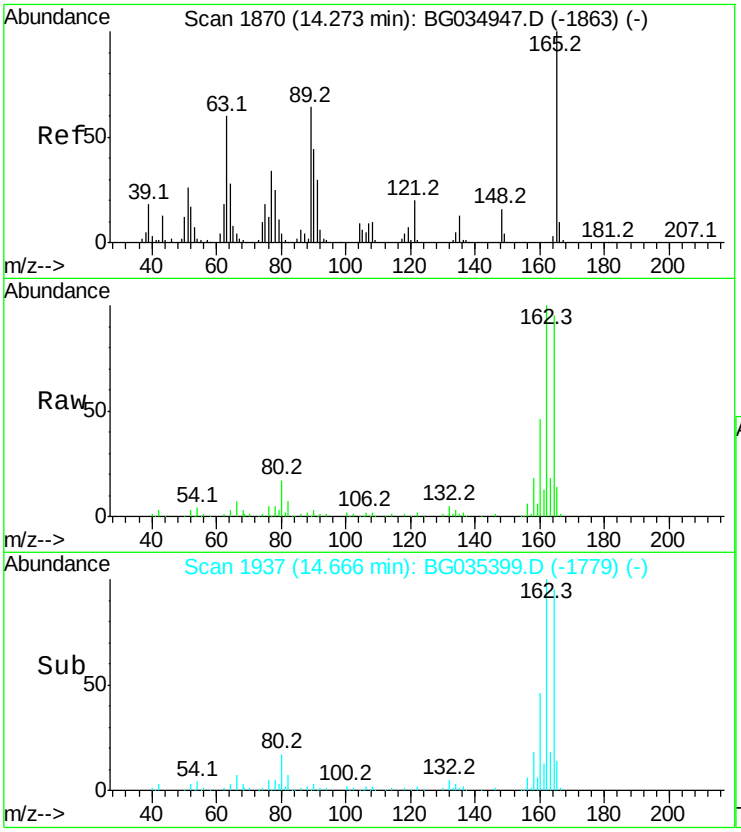


#44
2-Fluorobiphenyl
Concen: 93.243 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.03 min
Lab File: BG035399.D
Acq: 26 Jun 2018 5:48

Tgt Ion:172 Resp: 934034

Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.0	45.0
170	22.8	19.5	29.3



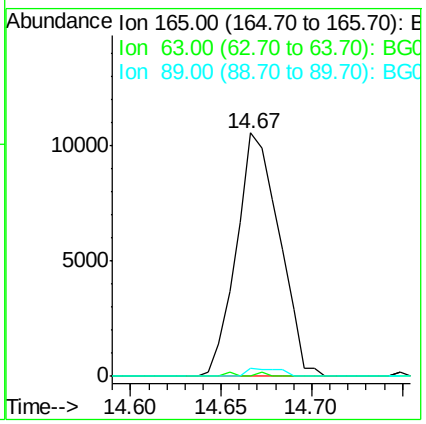


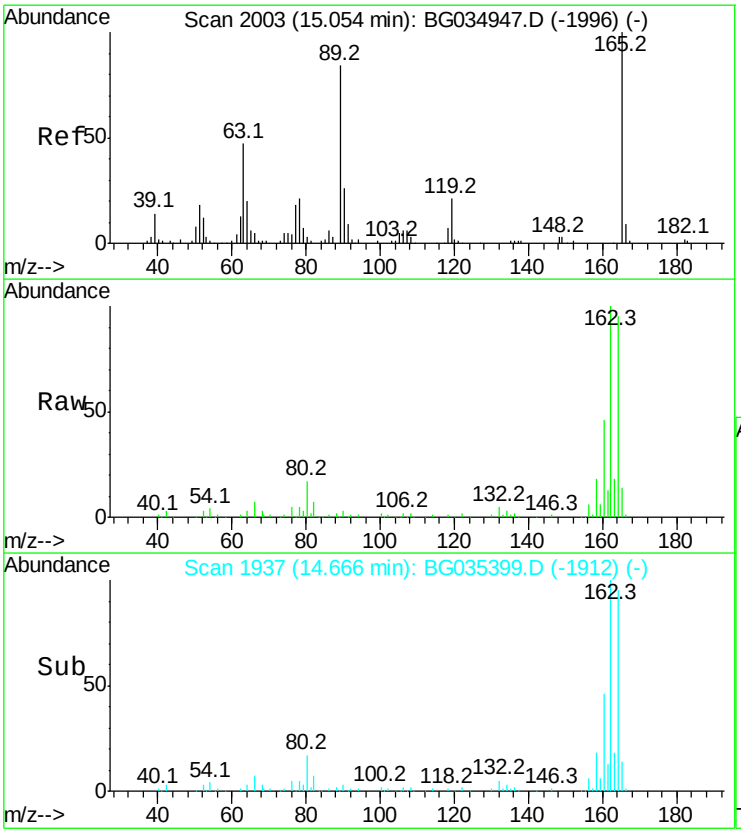
#50
2,6-Dinitrotoluene
Concen: 8.357 ng
RT: 14.67 min Scan# 1937
Delta R.T. 0.40 min
Lab File: BG035399.D
Acq: 26 Jun 2018 5:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 17314

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	3.3	49.2	73.8#

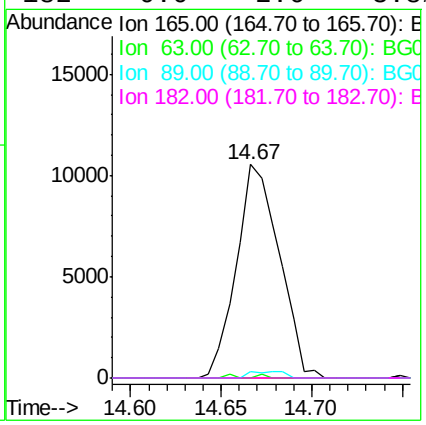


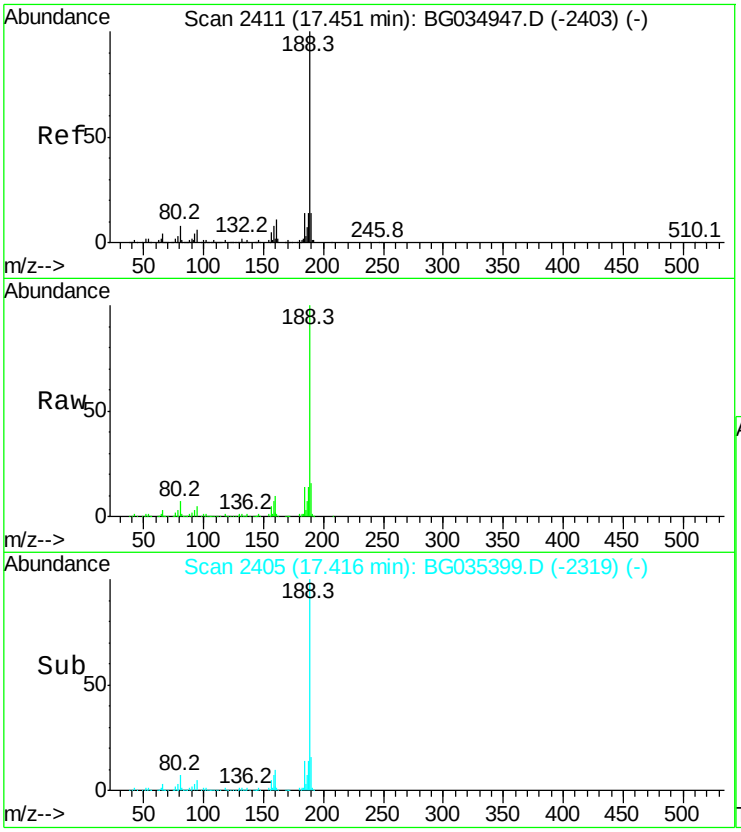


#56
2,4-Dinitrotoluene
Concen: 6.291 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.38 min
Lab File: BG035399.D
Acq: 26 Jun 2018 5:48

Tgt Ion:165 Resp: 17314

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	3.3	66.9	100.3#
182	0.0	2.6	3.8#



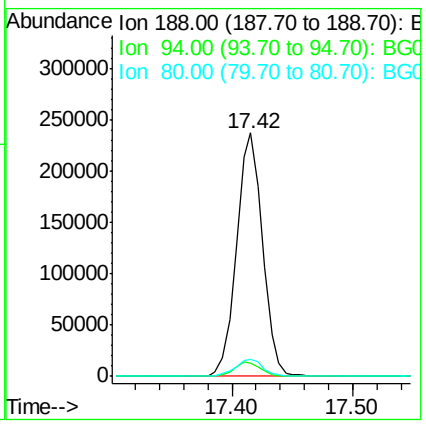


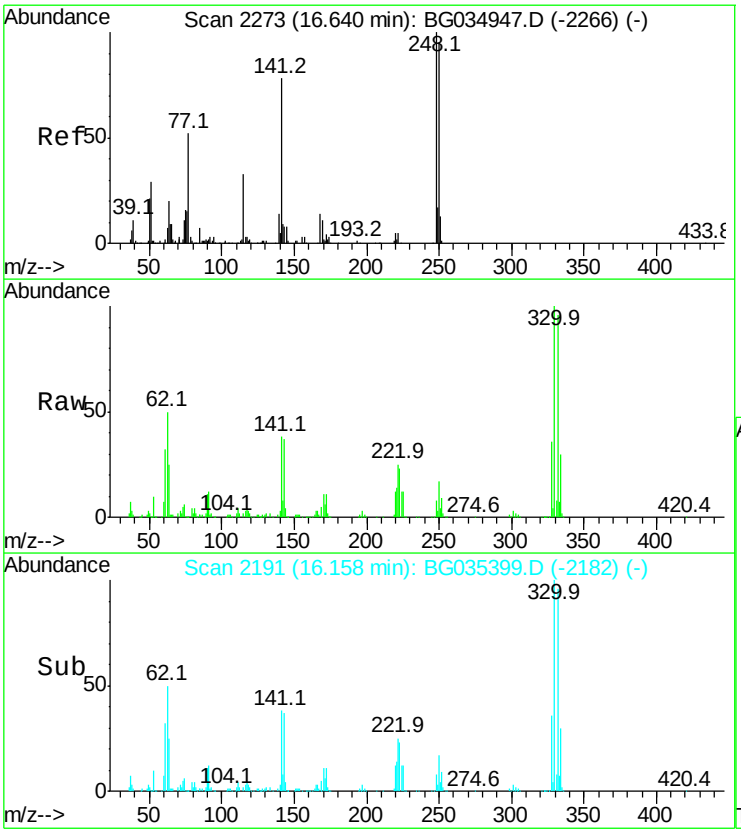
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035399.D
Acq: 26 Jun 2018 5:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 355507

Ion	Ratio	Lower	Upper
188	100		
94	5.5	6.9	10.3#
80	7.1	7.7	11.5#

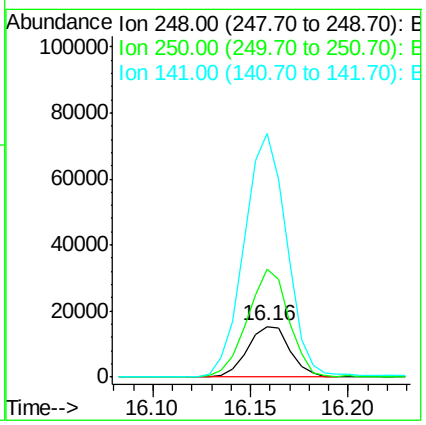


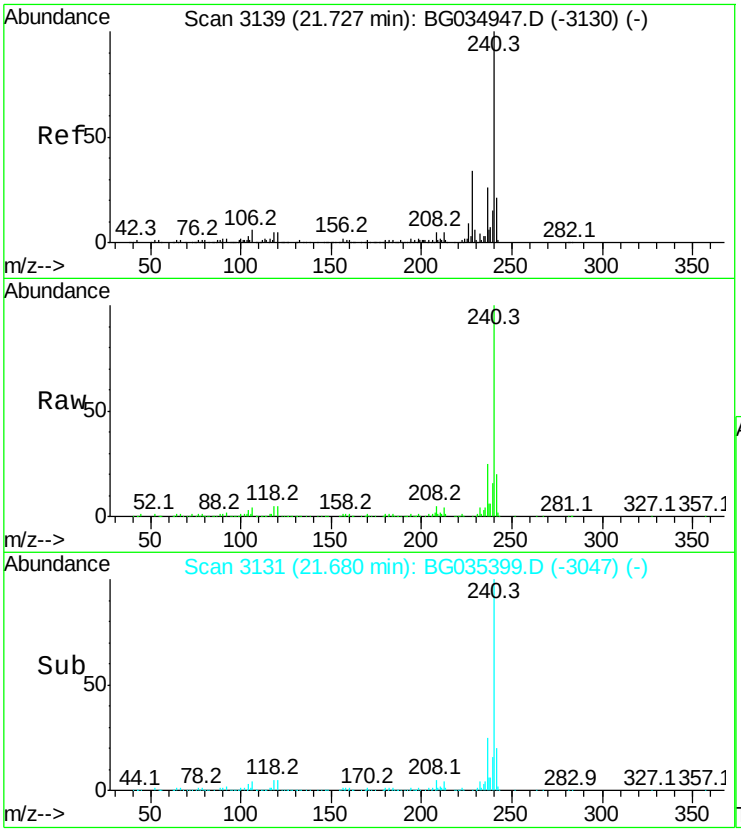


#66
4-Bromophenyl-phenylether
Concen: 5.416 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.48 min
Lab File: BG035399.D
Acq: 26 Jun 2018 5:48

Tgt Ion:248 Resp: 23185

Ion	Ratio	Lower	Upper
248	100		
250	214.1	77.1	115.7#
141	483.8	50.8	76.2#



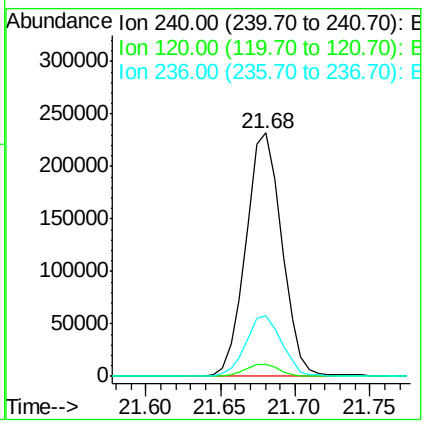


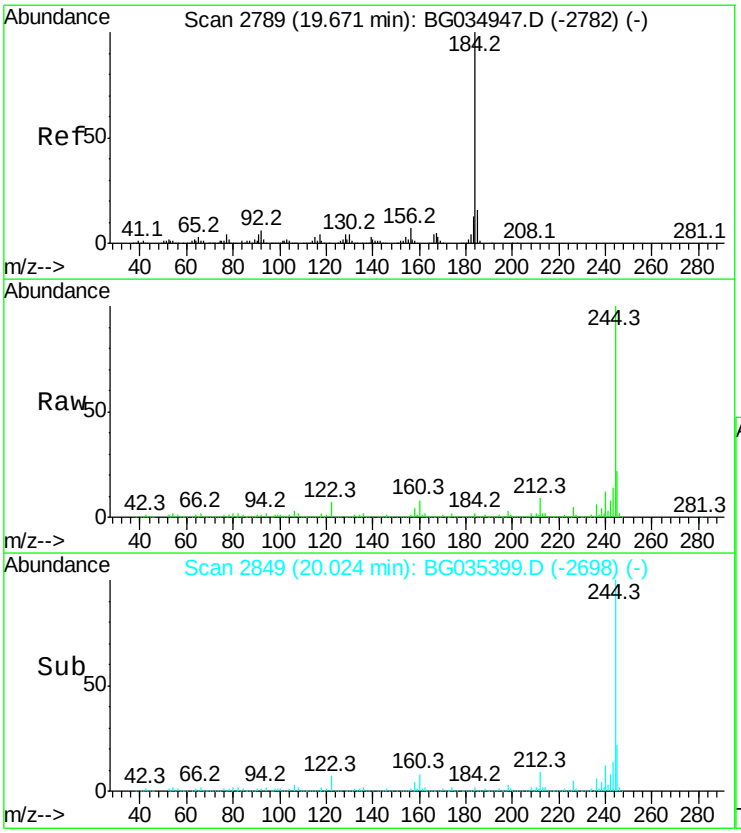
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.04 min
Lab File: BG035399.D
Acq: 26 Jun 2018 5:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 385760

Ion	Ratio	Lower	Upper
240	100		
120	4.8	6.8	10.2#
236	25.0	20.9	31.3

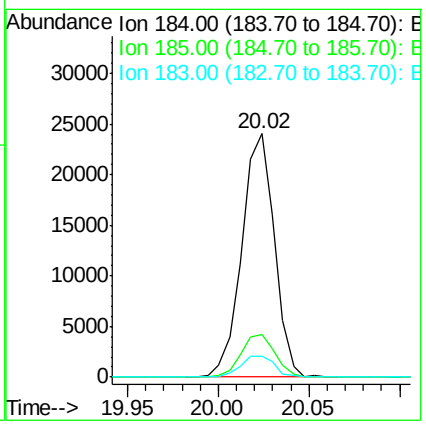


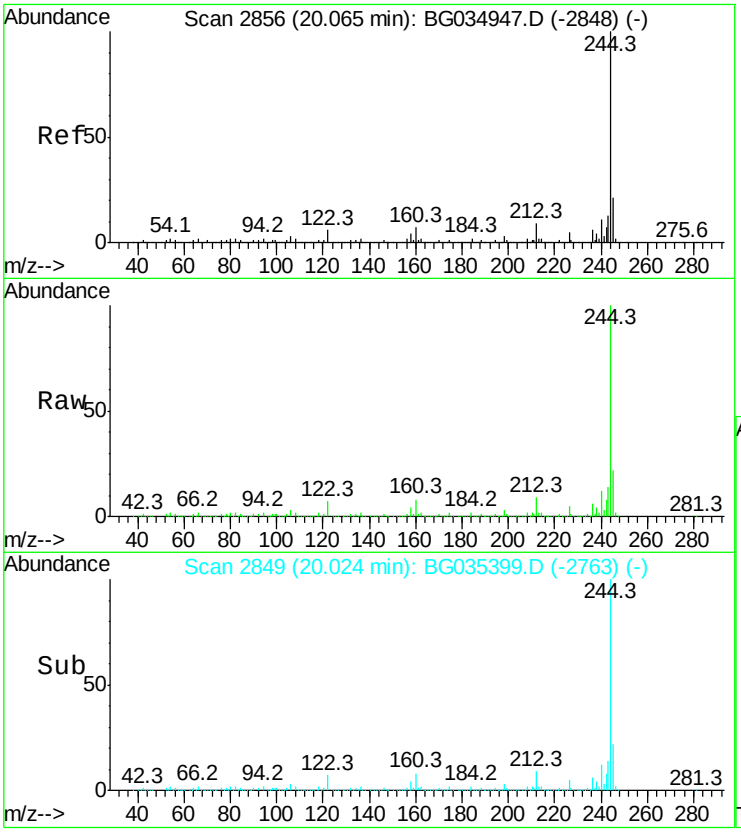


#76
Benzidine
Concen: 2.086 ng
RT: 20.02 min Scan# 2849
Delta R.T. 0.36 min
Lab File: BG035399.D
Acq: 26 Jun 2018 5:48

Tgt Ion:184 Resp: 29941

Ion	Ratio	Lower	Upper
184	100		
185	17.8	11.1	16.7#
183	8.4	10.6	16.0#



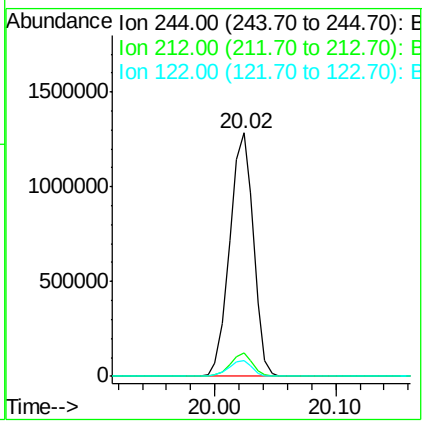


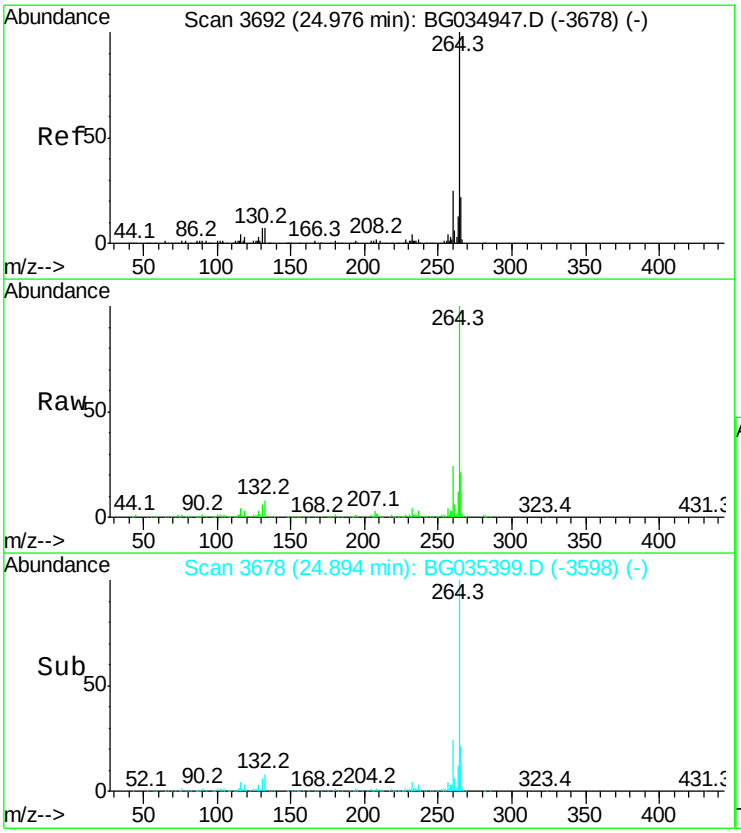
#78
Terphenyl-d14
Concen: 95.559 ng
RT: 20.02 min Scan# 2849
Delta R.T. -0.02 min
Lab File: BG035399.D
Acq: 26 Jun 2018 5:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1759841

Ion	Ratio	Lower	Upper
244	100		
212	9.5	5.8	8.8#
122	6.7	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3678
Delta R.T. -0.06 min
Lab File: BG035399.D
Acq: 26 Jun 2018 5:48

Tgt Ion:264 Resp: 358452

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	21.0	17.7	26.5