Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
Data File : BG036451.D
Acq On : 28 Aug 2018 5:06
Operator : JU/SJ
Sample : J4621-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 28 07:18:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 12:07:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	69627	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	283599	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	173060	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	435308	20.00	ng	0.00
75) Chrysene-d12	21.70	240	456267	20.00	ng	-0.01
86) Perylene-d12	24.91	264	429906	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	419154	95.49	ng	0.00
7) Phenol-d6	7.22	99	513857	81.77	ng	0.00
23) Nitrobenzene-d5	9.22	82	409077	78.26	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	249860	121.00	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	943996	77.88	ng	-0.01
78) Terphenyl-d14	20.04	244	1463672	74.98	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	55820	11.885	ng	# 67
32) Benzoic acid	10.14	122	123	4.515	ng	# 52
50) 2,6-Dinitrotoluene	14.69	165	22852	7.859	ng	# 23
56) 2,4-Dinitrotoluene	14.69	165	22852	6.030	ng	# 21
66) 4-Bromophenyl-phenylether	16.17	248	17681	3.469	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
Data File : BG036451.D
Acq On : 28 Aug 2018 5:06
Operator : JU/SJ
Sample : J4621-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :

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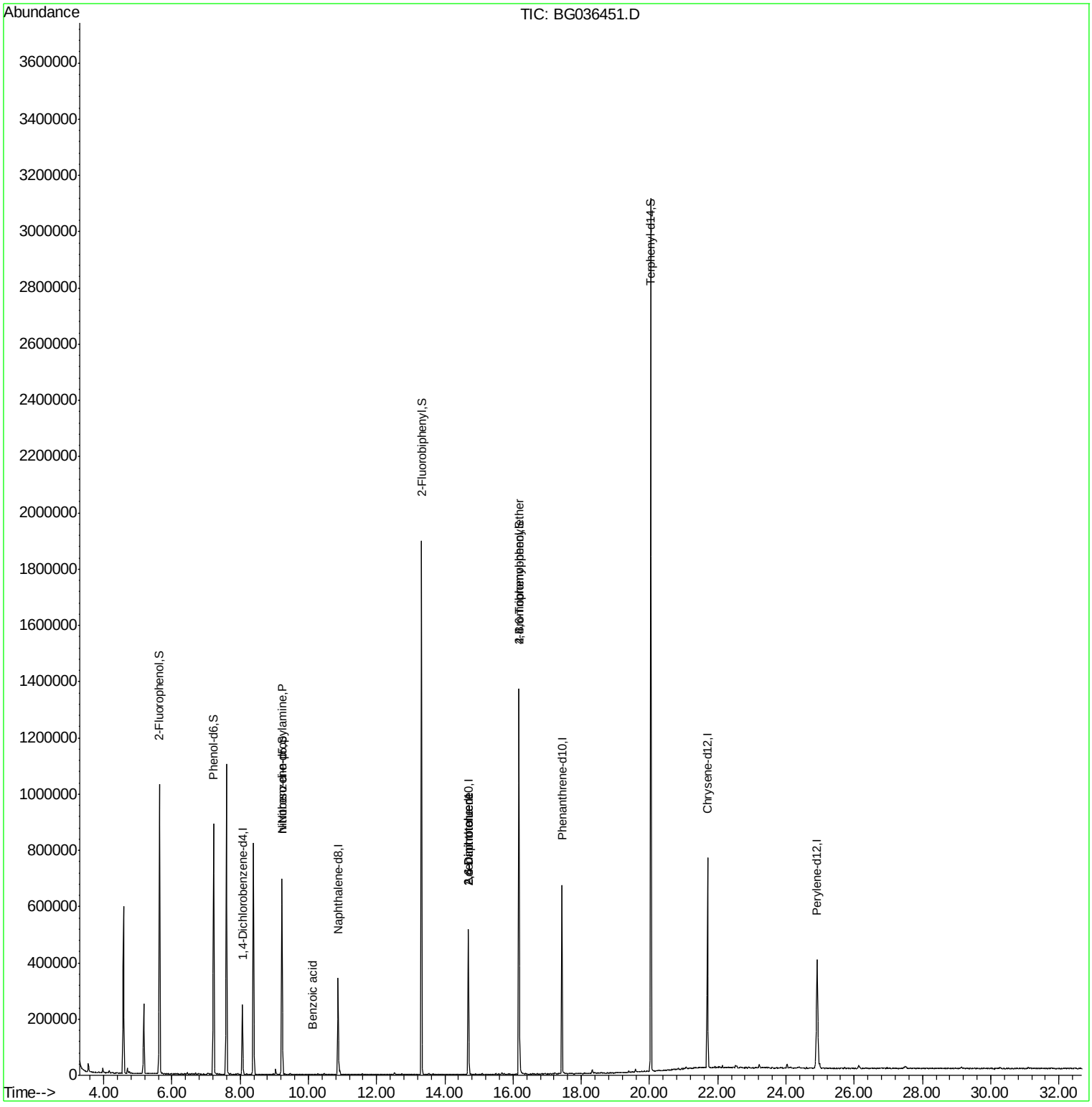
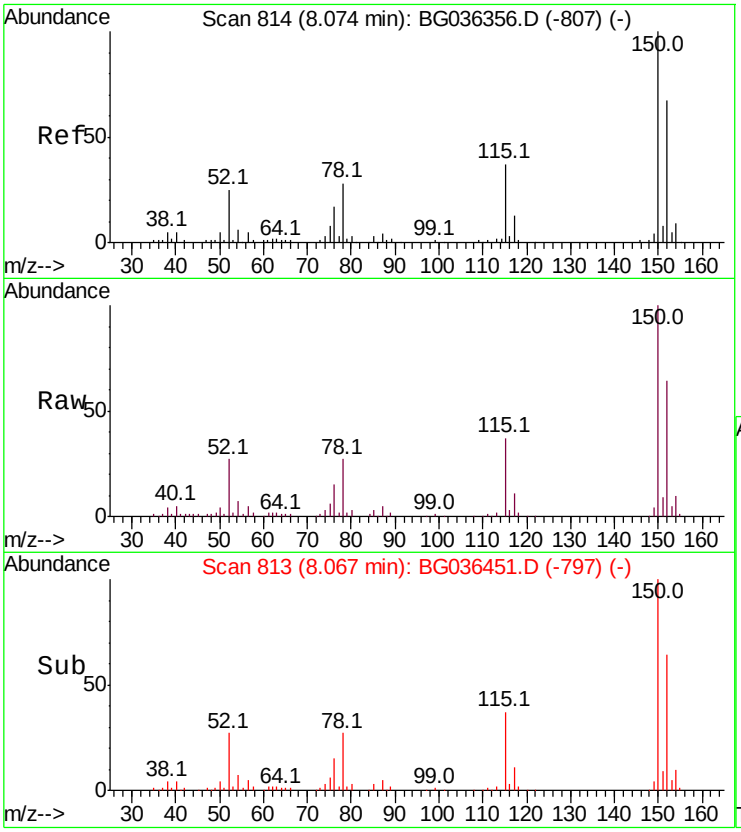
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 12:07:02 2018
Response via : Initial Calibration



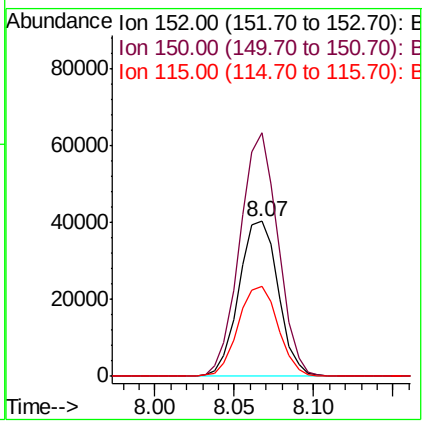


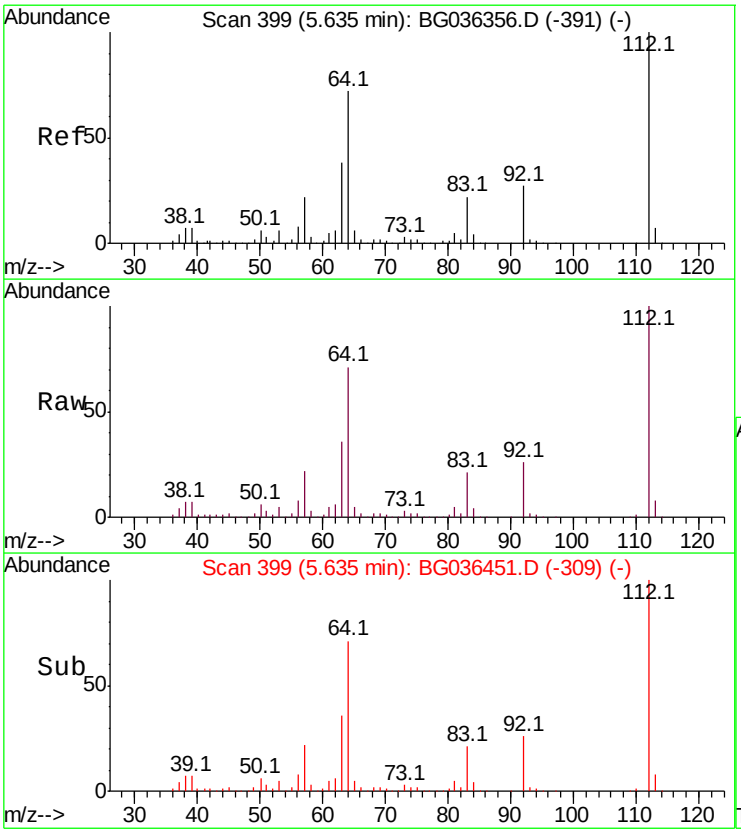
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036451.D
Acq: 28 Aug 2018 5:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 69627

Ion	Ratio	Lower	Upper
152	100		
150	156.9	119.5	179.3
115	58.4	44.5	66.7

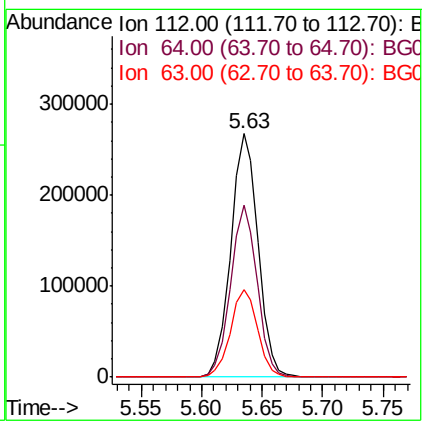


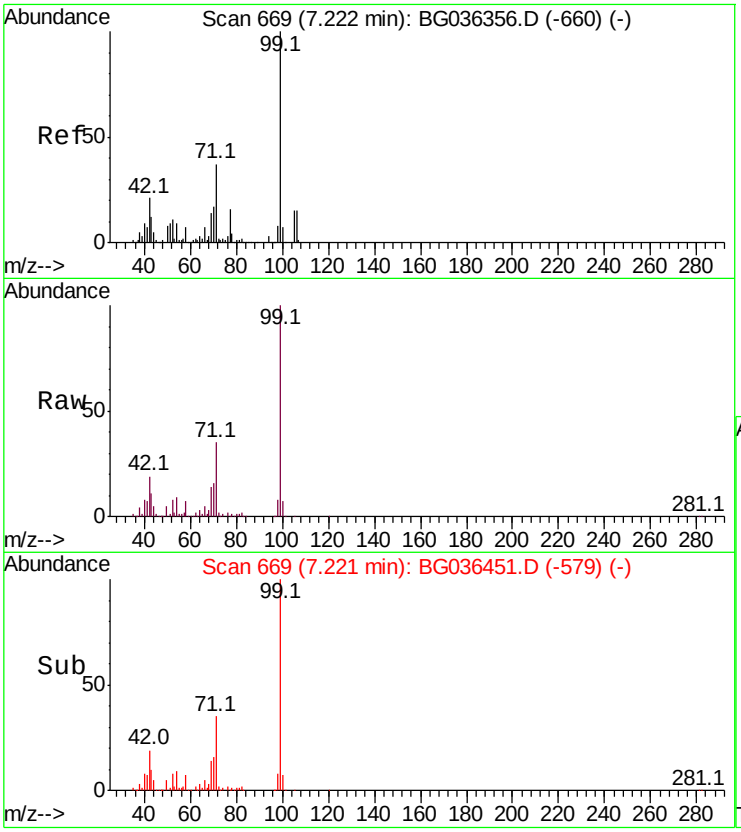


#5
2-Fluorophenol
Concen: 95.495 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036451.D
Acq: 28 Aug 2018 5:06

Tgt Ion:112 Resp: 419154

Ion	Ratio	Lower	Upper
112	100		
64	70.7	57.2	85.8
63	36.0	30.8	46.2



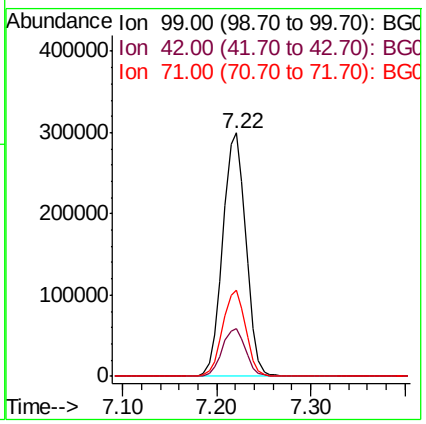


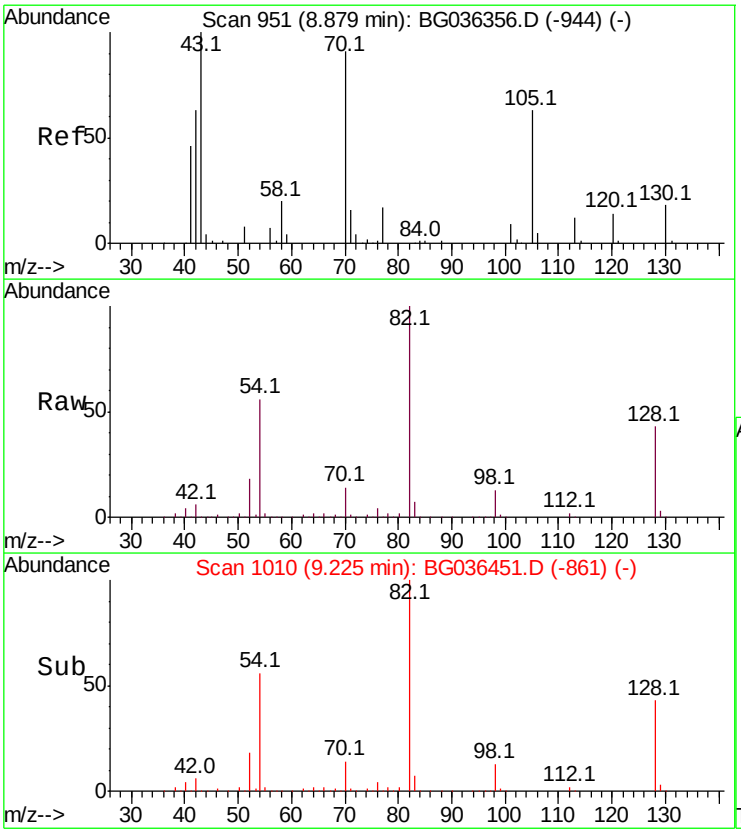
#7
Phenol-d6
Concen: 81.767 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.00 min
Lab File: BG036451.D
Acq: 28 Aug 2018 5:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 513857

Ion	Ratio	Lower	Upper
99	100		
42	19.5	16.5	24.7
71	35.4	29.4	44.2

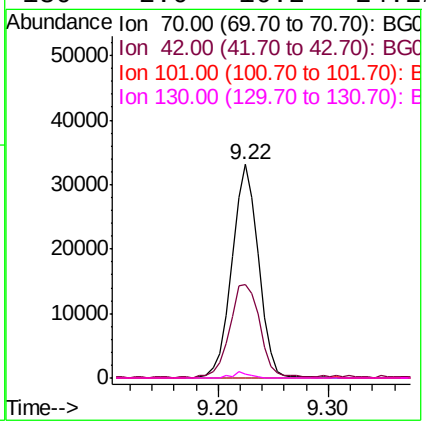


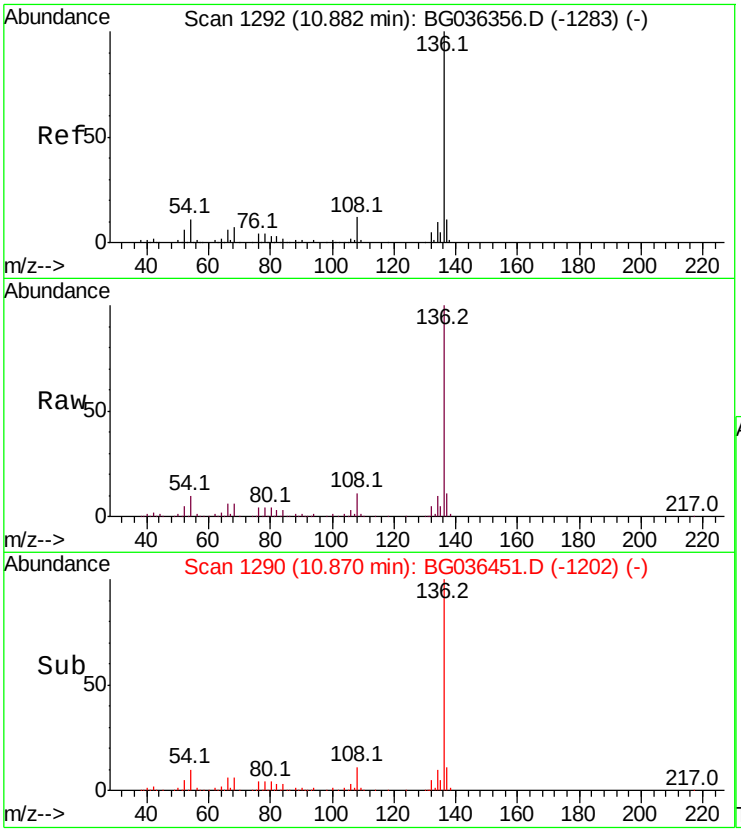


#19
n-Nitroso-di-n-propylamine
Concen: 11.885 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.35 min
Lab File: BG036451.D
Acq: 28 Aug 2018 5:06

Tgt Ion: 70 Resp: 55820

Ion	Ratio	Lower	Upper
70	100		
42	43.7	56.2	84.4#
101	0.0	7.8	11.6#
130	2.0	16.2	24.2#



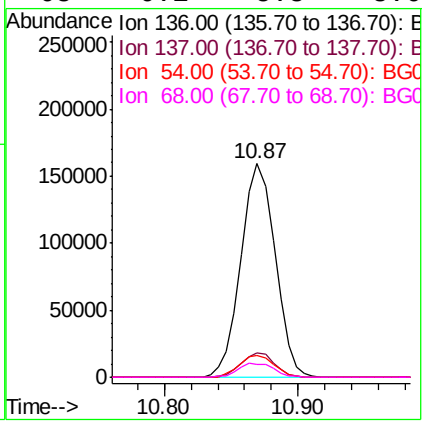


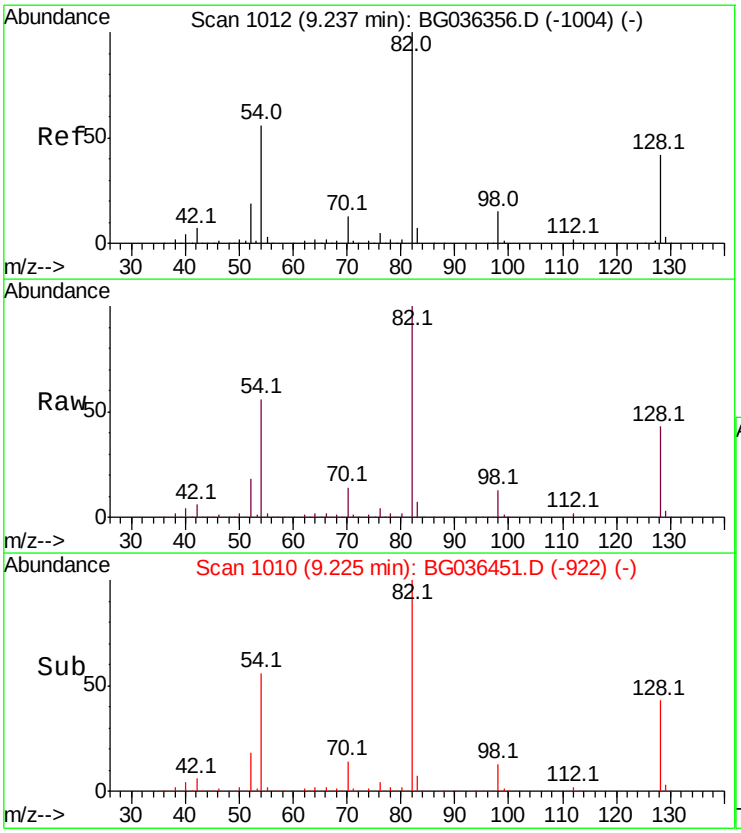
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG036451.D
Acq: 28 Aug 2018 5:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 283599

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.5	9.2	13.8
68	6.1	5.8	8.6

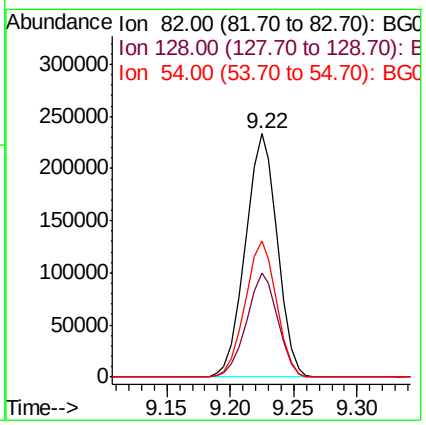


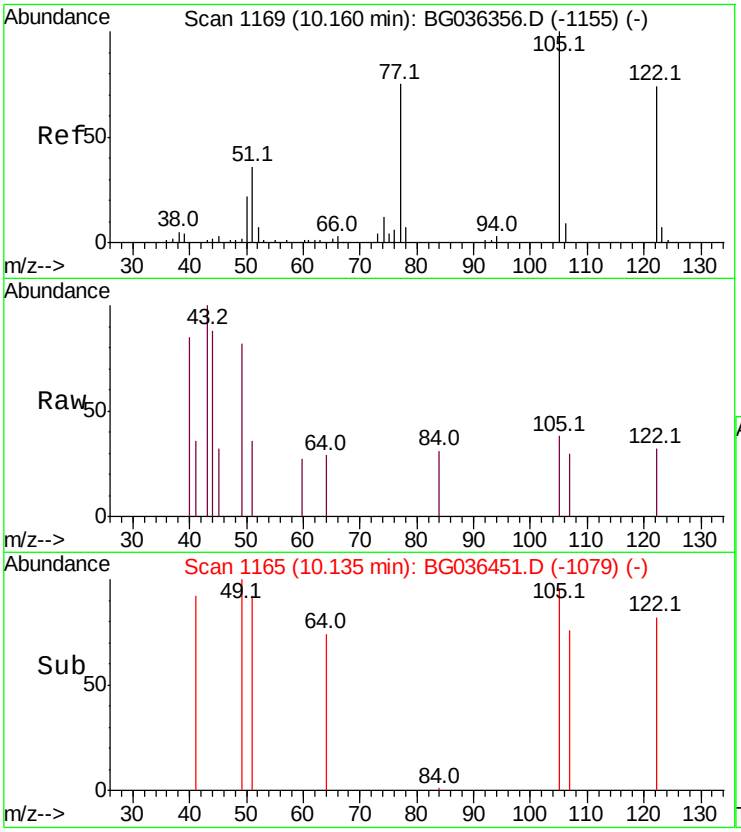


#23
Nitrobenzene-d5
Concen: 78.263 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036451.D
Acq: 28 Aug 2018 5:06

Tgt Ion: 82 Resp: 409077

Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.3	49.9
54	56.1	45.1	67.7



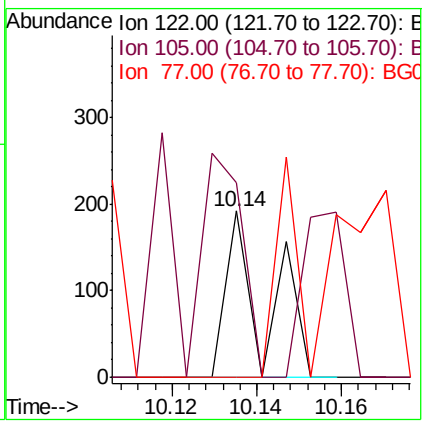


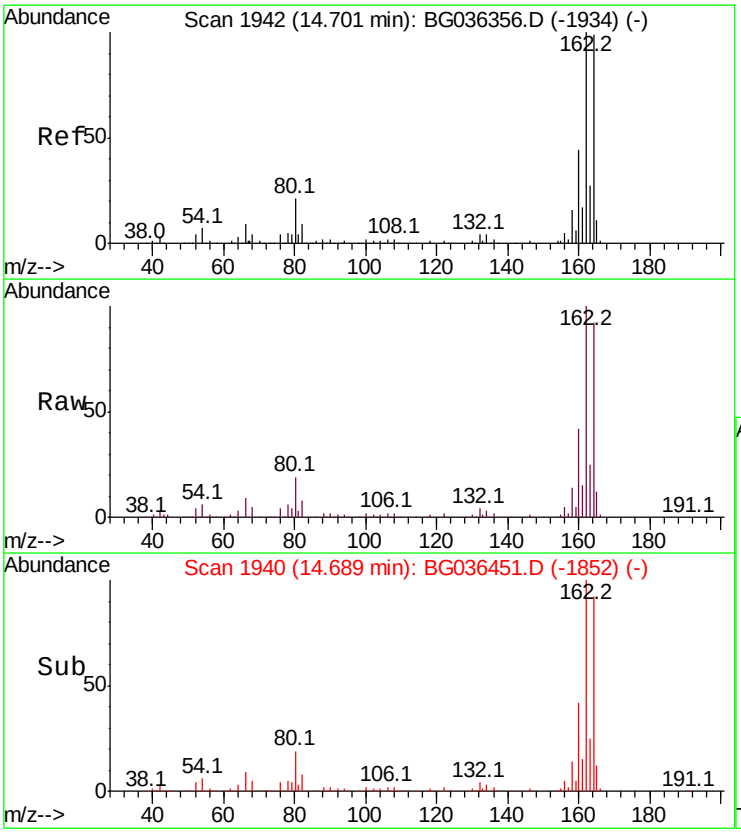
#32
Benzoic acid
Concen: 4.515 ng
RT: 10.14 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BG036451.D
Acq: 28 Aug 2018 5:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 123

Ion	Ratio	Lower	Upper
122	100		
105	116.7	108.1	148.1
77	0.0	76.3	116.3#

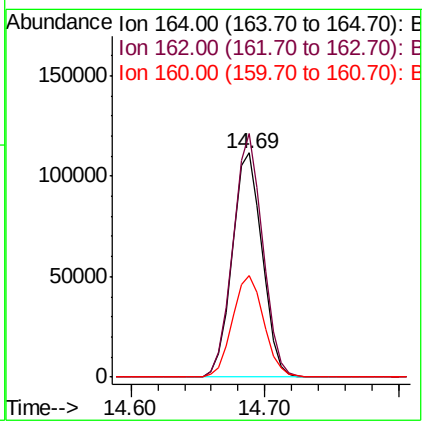


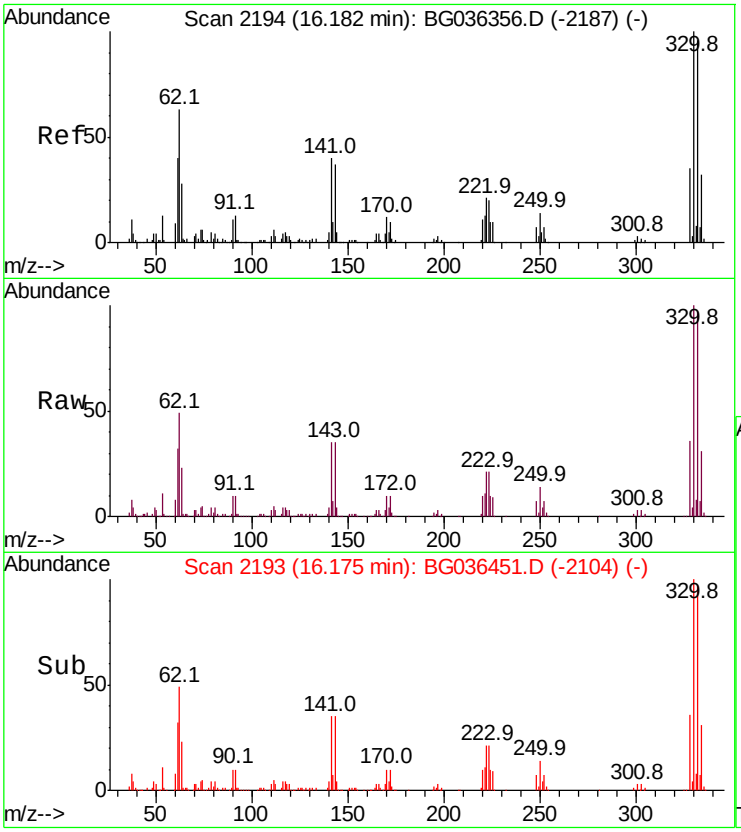


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG036451.D
Acq: 28 Aug 2018 5:06

Tgt Ion:164 Resp: 173060

Ion	Ratio	Lower	Upper
164	100		
162	108.7	80.7	121.1
160	45.6	35.3	52.9



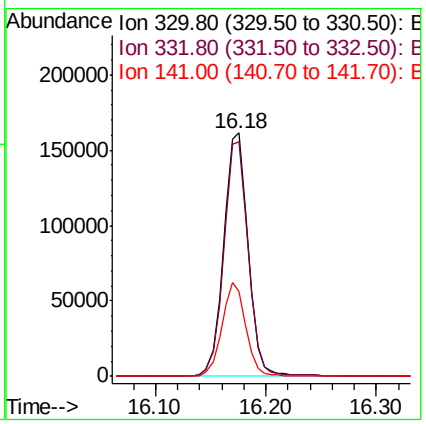


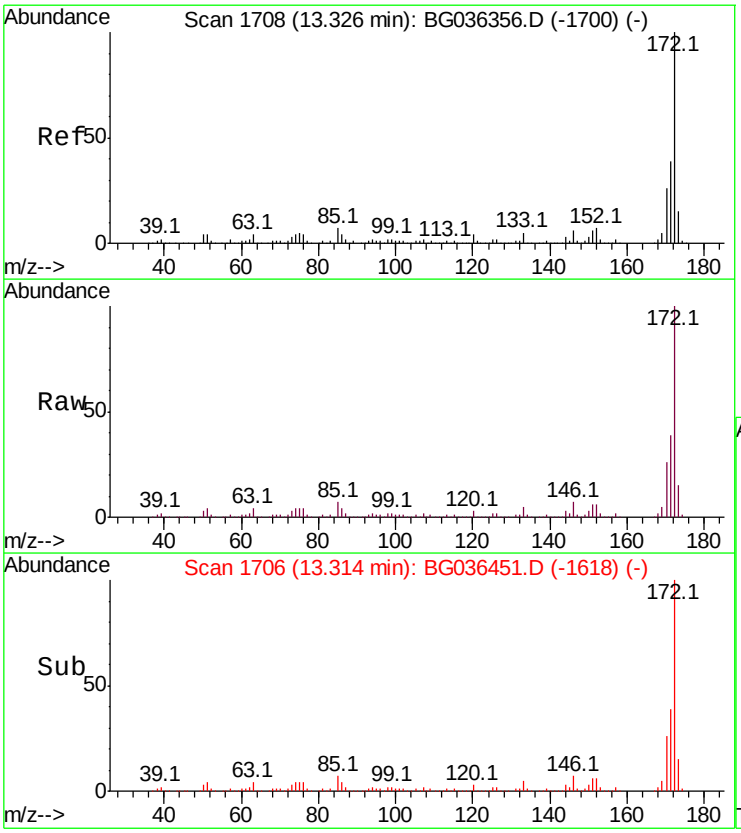
#41
2,4,6-Tribromophenol
Concen: 120.998 ng
RT: 16.18 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG036451.D
Acq: 28 Aug 2018 5:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 249860

Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.4	113.2
141	37.6	30.7	46.1

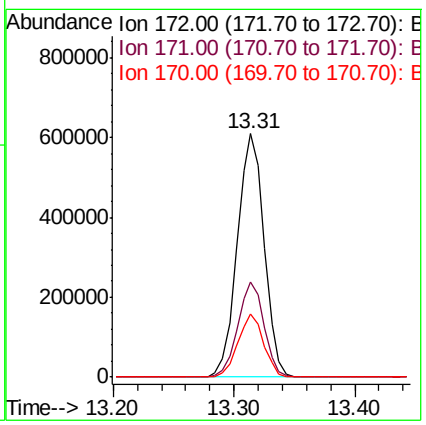


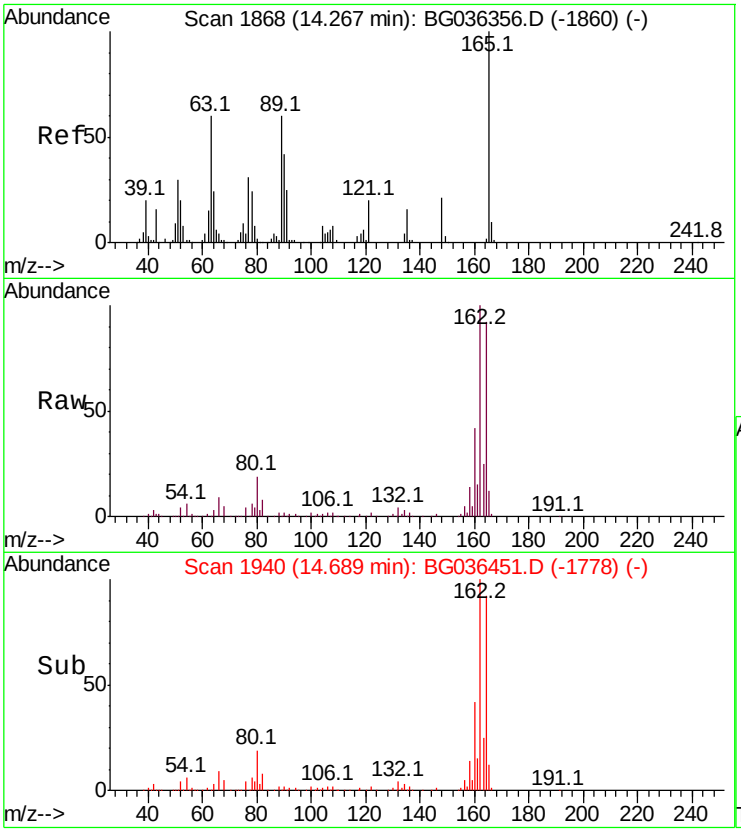


#44
2-Fluorobiphenyl
Concen: 77.884 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BG036451.D
Acq: 28 Aug 2018 5:06

Tgt Ion:172 Resp: 943996

Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.3	46.9
170	25.9	21.0	31.6



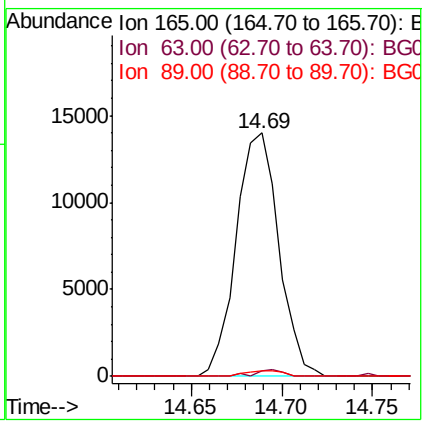


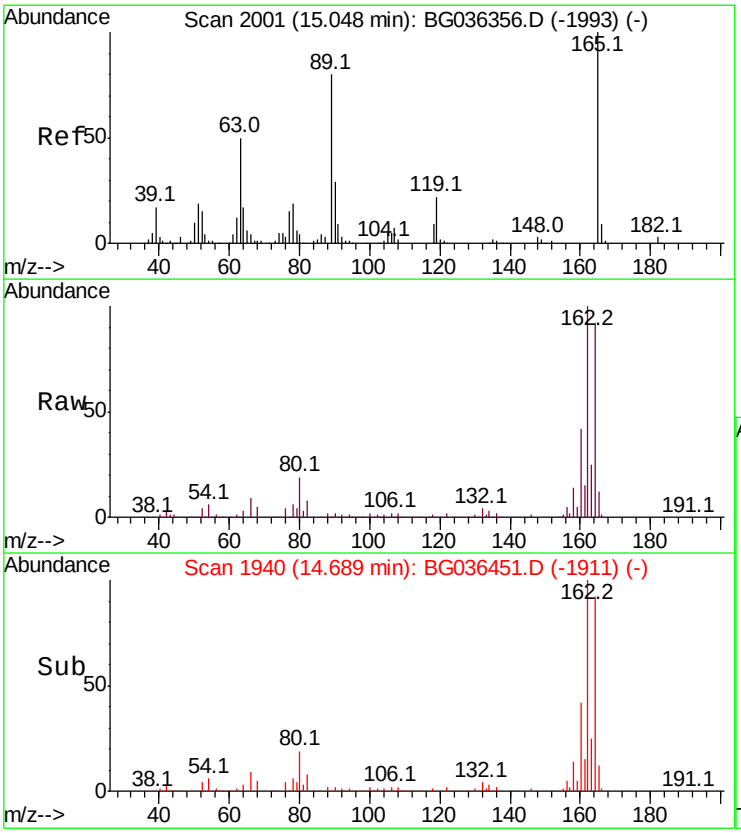
#50
2,6-Dinitrotoluene
Concen: 7.859 ng
RT: 14.69 min Scan# 1940
Delta R.T. 0.42 min
Lab File: BG036451.D
Acq: 28 Aug 2018 5:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 22852

Ion	Ratio	Lower	Upper
165	100		
63	2.3	50.1	75.1#
89	2.0	47.8	71.6#

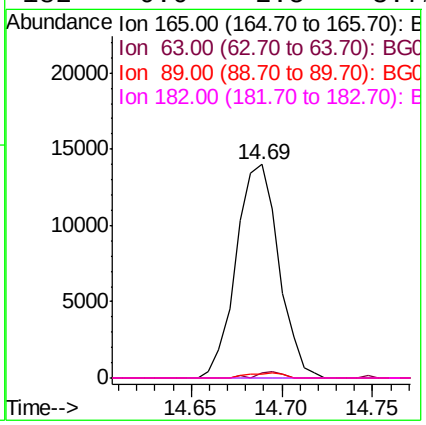


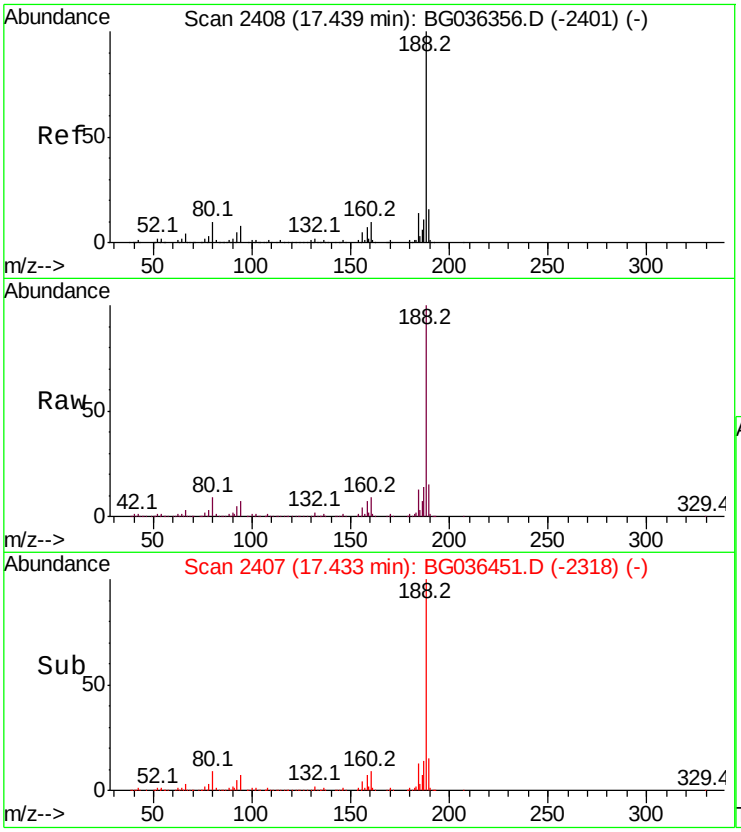


#56
2,4-Dinitrotoluene
Concen: 6.030 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.36 min
Lab File: BG036451.D
Acq: 28 Aug 2018 5:06

Tgt Ion:165 Resp: 22852

Ion	Ratio	Lower	Upper
165	100		
63	2.3	40.1	60.1#
89	2.0	63.7	95.5#
182	0.0	2.5	3.7#



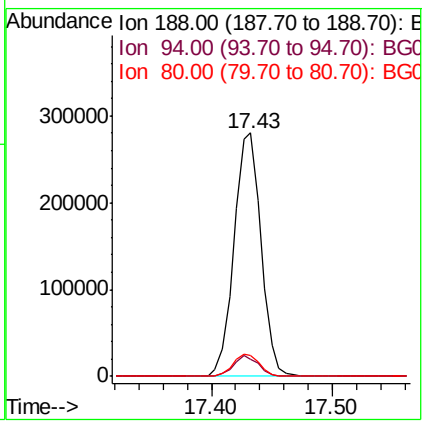


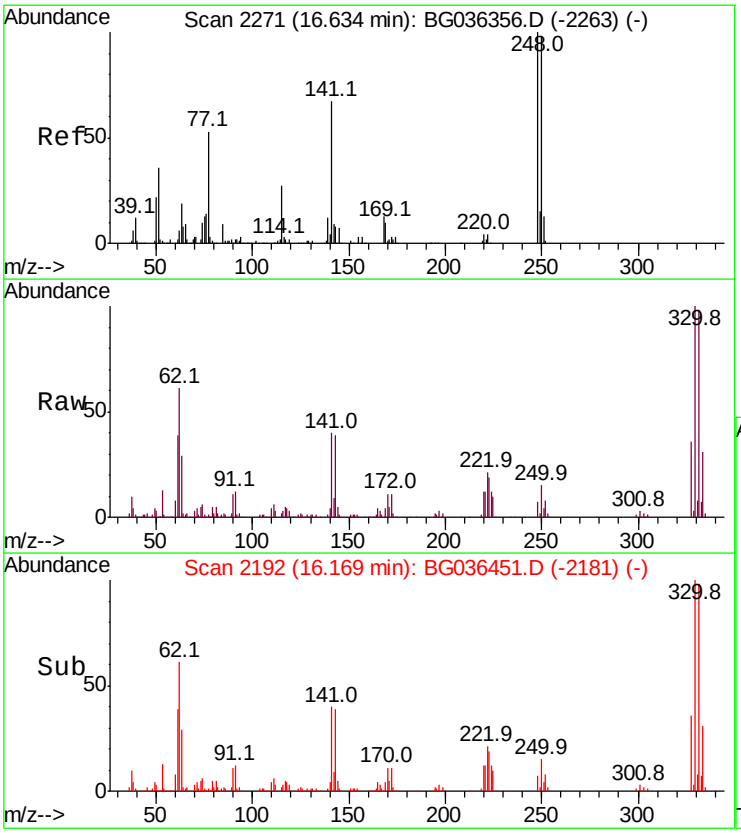
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG036451.D
Acq: 28 Aug 2018 5:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 435308

Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.7	10.1
80	8.6	8.1	12.1

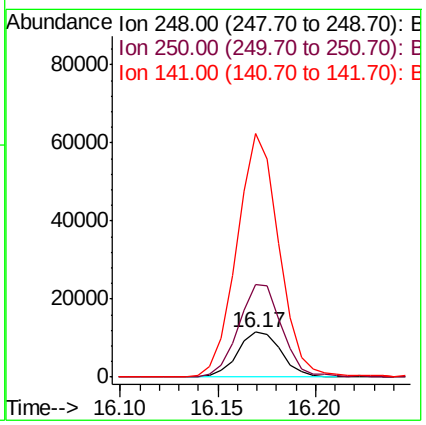


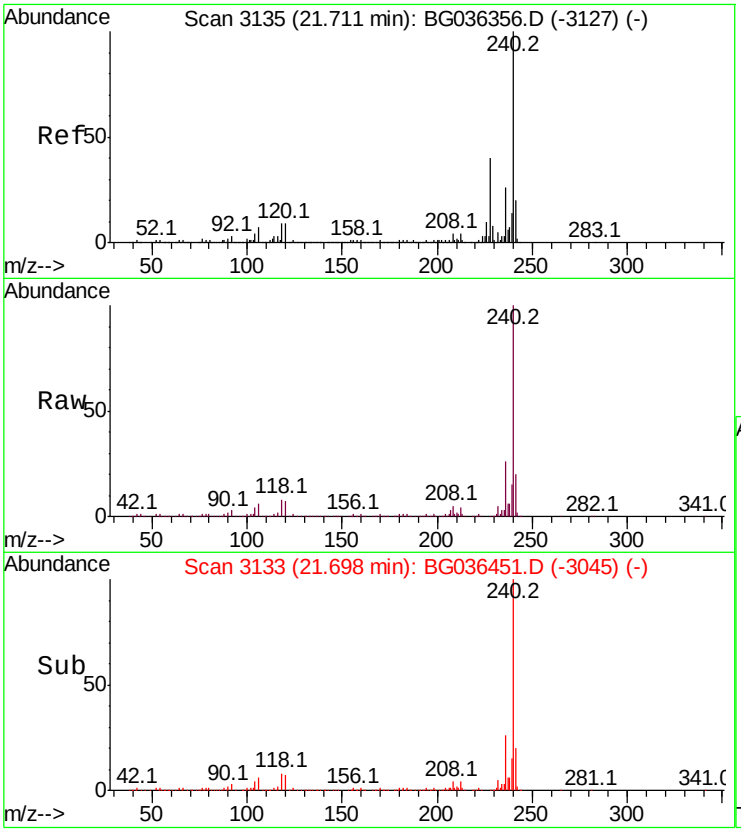


#66
4-Bromophenyl-phenylether
Concen: 3.469 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG036451.D
Acq: 28 Aug 2018 5:06

Tgt Ion:248 Resp: 17681

Ion	Ratio	Lower	Upper
248	100		
250	206.6	78.1	117.1#
141	544.0	53.7	80.5#



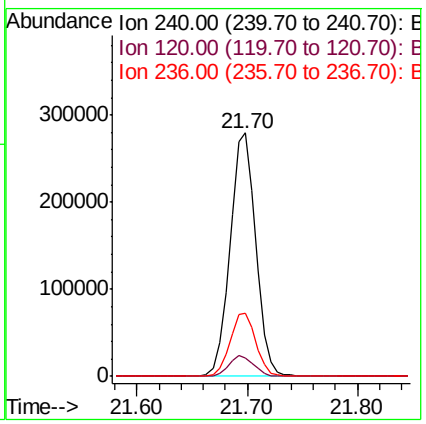


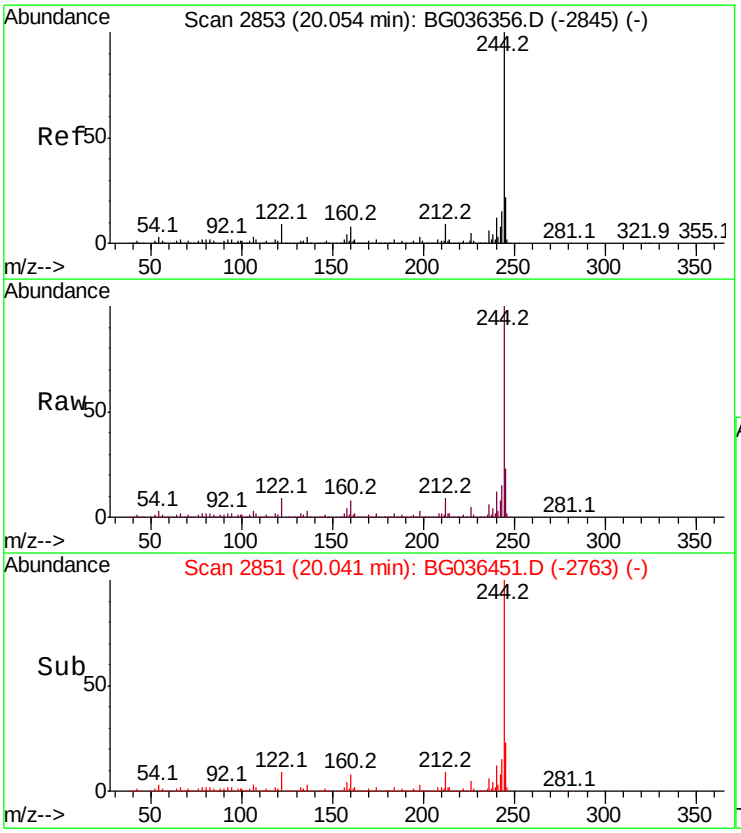
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG036451.D
Acq: 28 Aug 2018 5:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 456267

Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.9	10.3
236	25.8	21.2	31.8

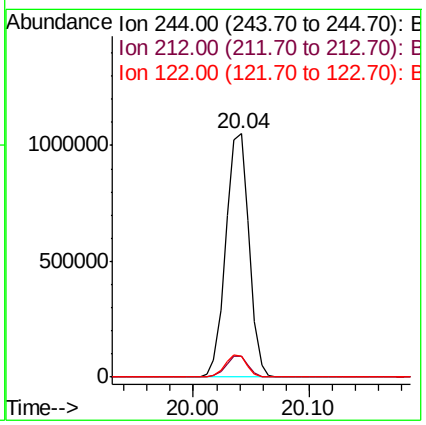


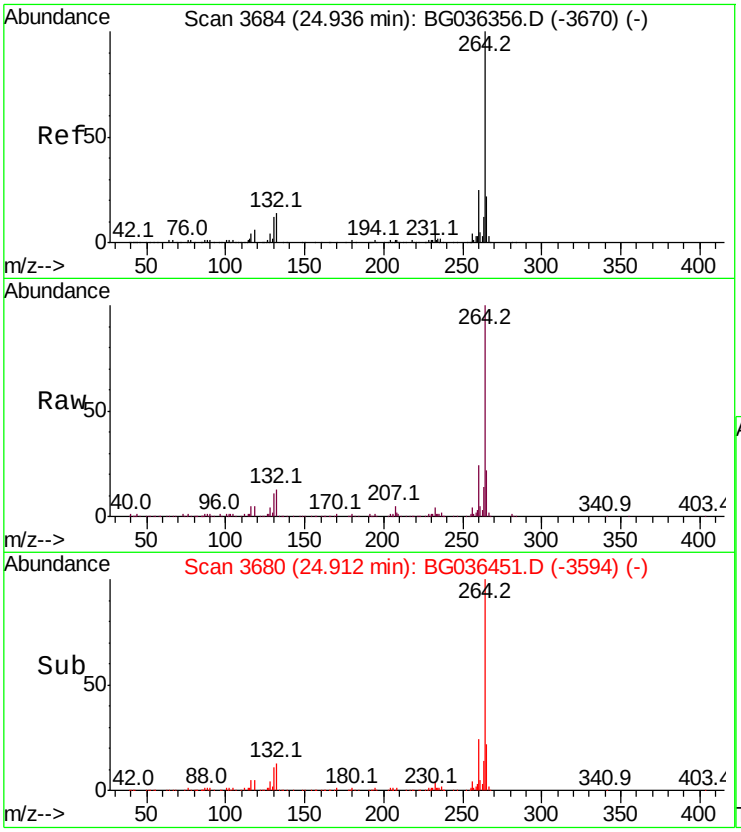


#78
Terphenyl-d14
Concen: 74.980 ng
RT: 20.04 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BG036451.D
Acq: 28 Aug 2018 5:06

Tgt Ion:244 Resp: 1463672

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	8.7	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.02 min
Lab File: BG036451.D
Acq: 28 Aug 2018 5:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 429906

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	21.6	17.4	26.0