Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080818\
Data File : BG036200.D
Acq On : 8 Aug 2018 16:35
Operator : JU/SJ
Sample : J4379-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-08072018

Quant Time: Aug 08 17:30:39 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	8.01	152	25418	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	84118	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	59419	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	185161	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	204327	20.00	ng	-0.02
86) Perylene-d12	24.84	264	193633	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	89903	58.72	ng	-0.01
7) Phenol-d6	7.18	99	77709	34.02	ng	-0.02
23) Nitrobenzene-d5	9.17	82	220752	109.63	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	161250	205.89	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	482505	108.79	ng	-0.02
78) Terphenyl-d14	19.99	244	1151832	124.26	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.17	70	30118	15.658	ng	# 75
50) 2,6-Dinitrotoluene	14.63	165	7907	7.458	ng	# 18
53) 2,4-Dinitrophenol	14.27	184	57	6.678	ng	# 1
56) 2,4-Dinitrotoluene	14.63	165	7907	5.199	ng	# 16
66) 4-Bromophenyl-phenylether	16.12	248	12917	6.013	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080818\
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Acq On : 8 Aug 2018 16:35
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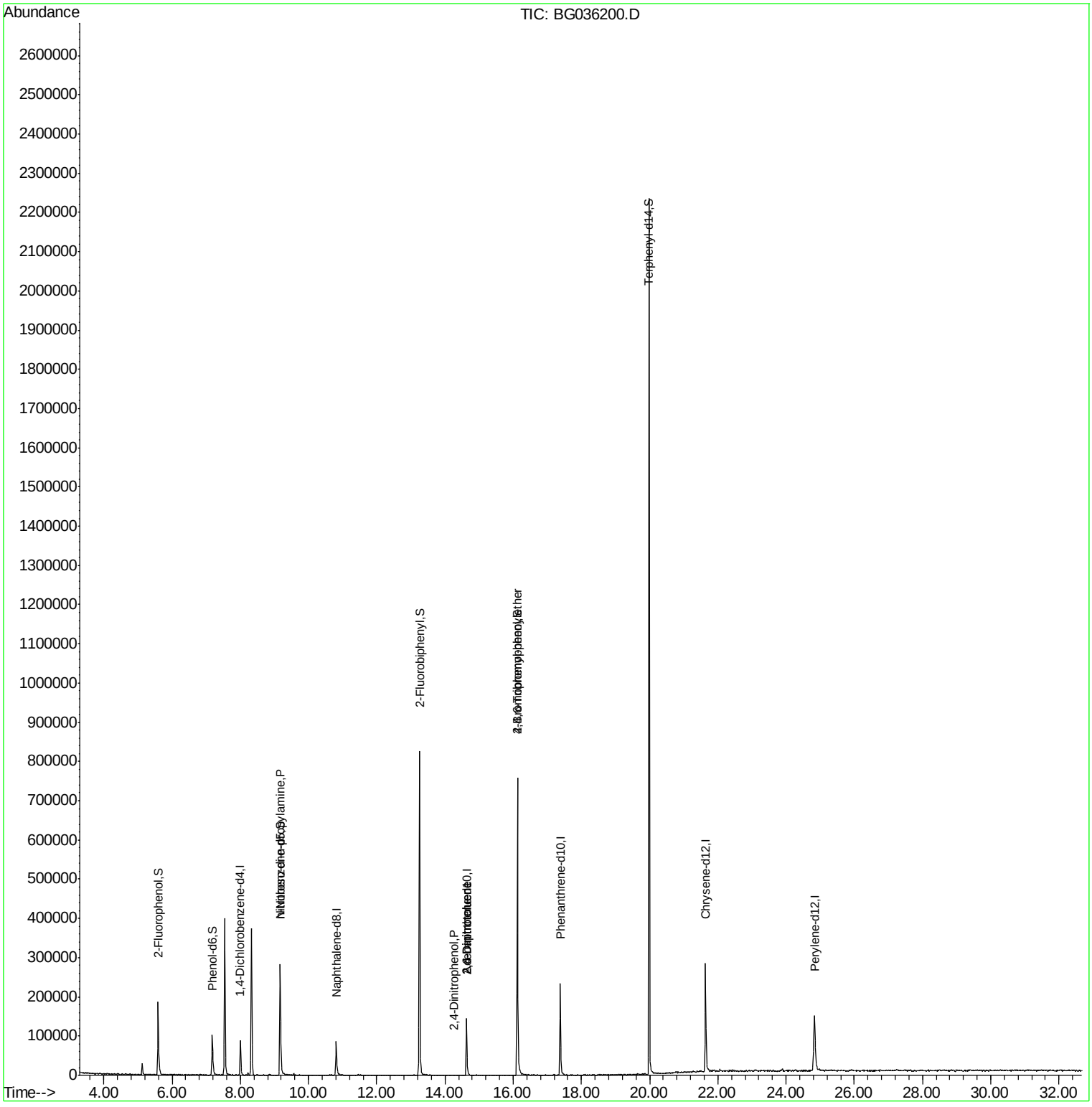
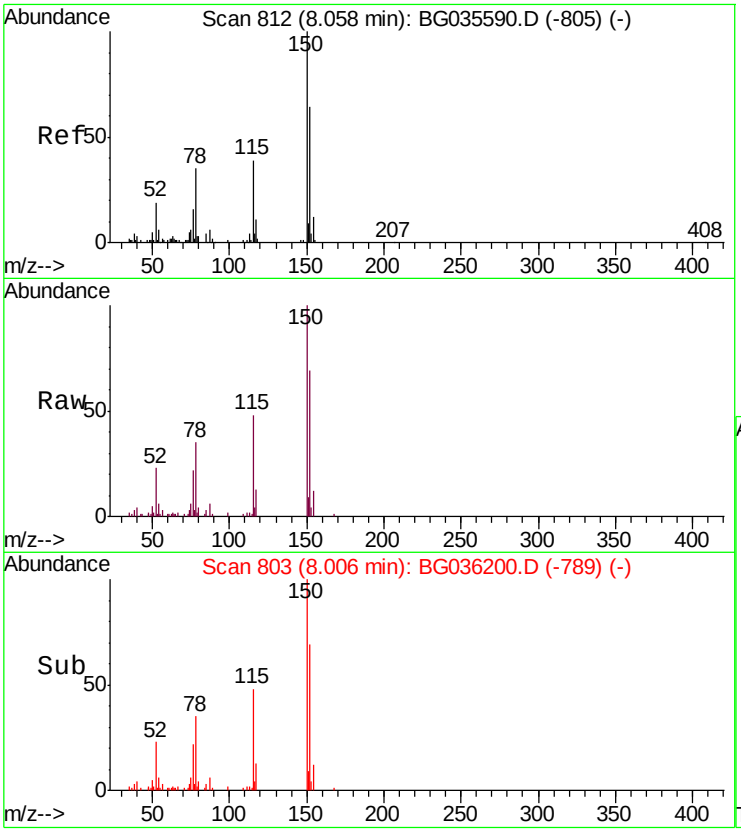
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration



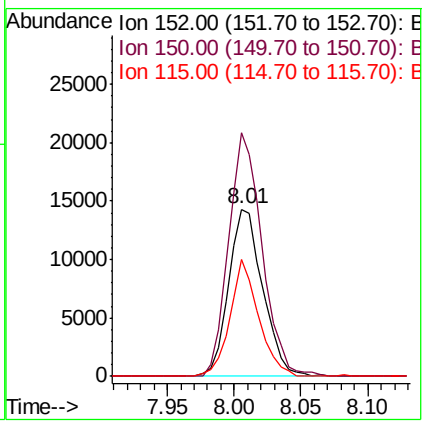


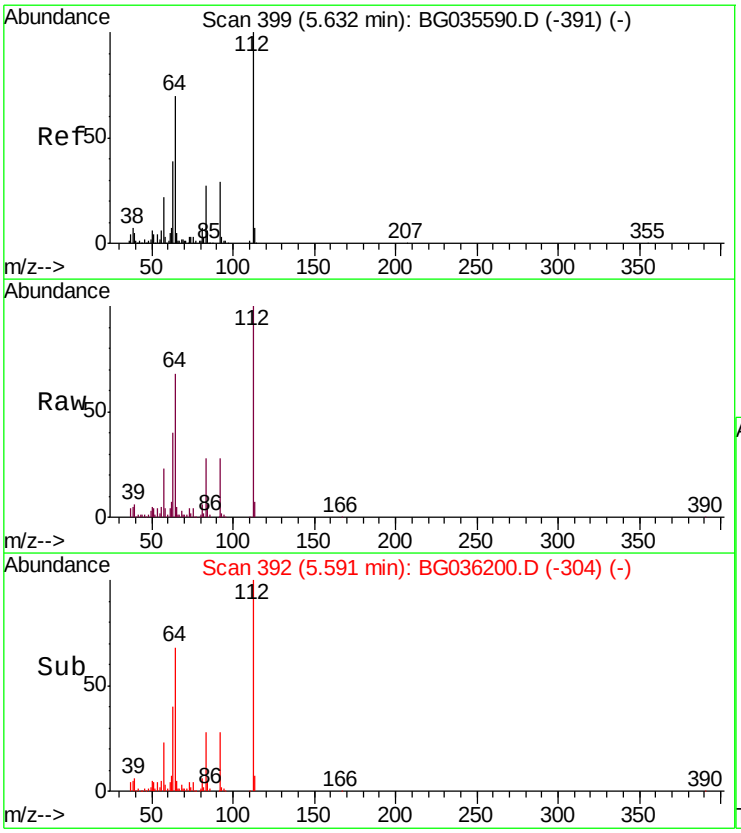
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036200.D
Acq: 8 Aug 2018 16:35

Instrument :
BNA_G
ClientSampleId :
FB-08072018

Tgt Ion:152 Resp: 25418

Ion	Ratio	Lower	Upper
152	100		
150	145.8	126.6	189.8
115	70.3	53.0	79.4

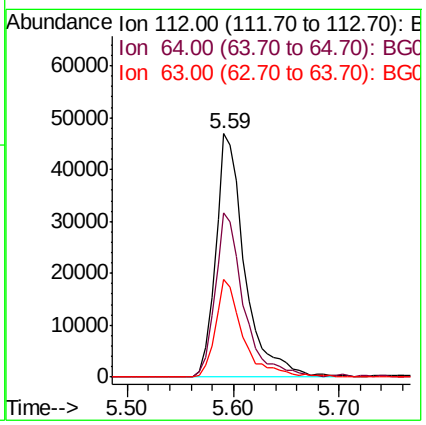


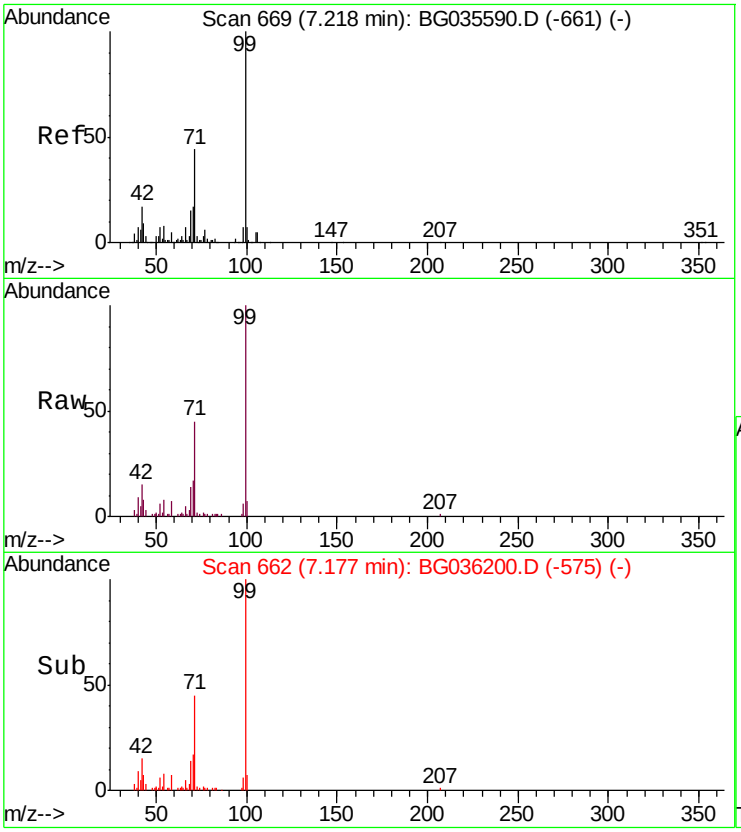


#5
2-Fluorophenol
Concen: 58.722 ng
RT: 5.59 min Scan# 392
Delta R.T. -0.01 min
Lab File: BG036200.D
Acq: 8 Aug 2018 16:35

Tgt Ion:112 Resp: 89903

Ion	Ratio	Lower	Upper
112	100		
64	67.6	56.3	84.5
63	40.0	30.1	45.1



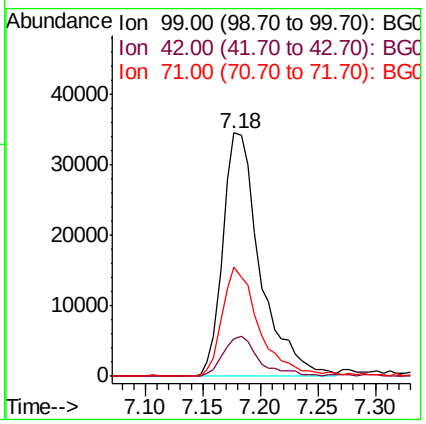


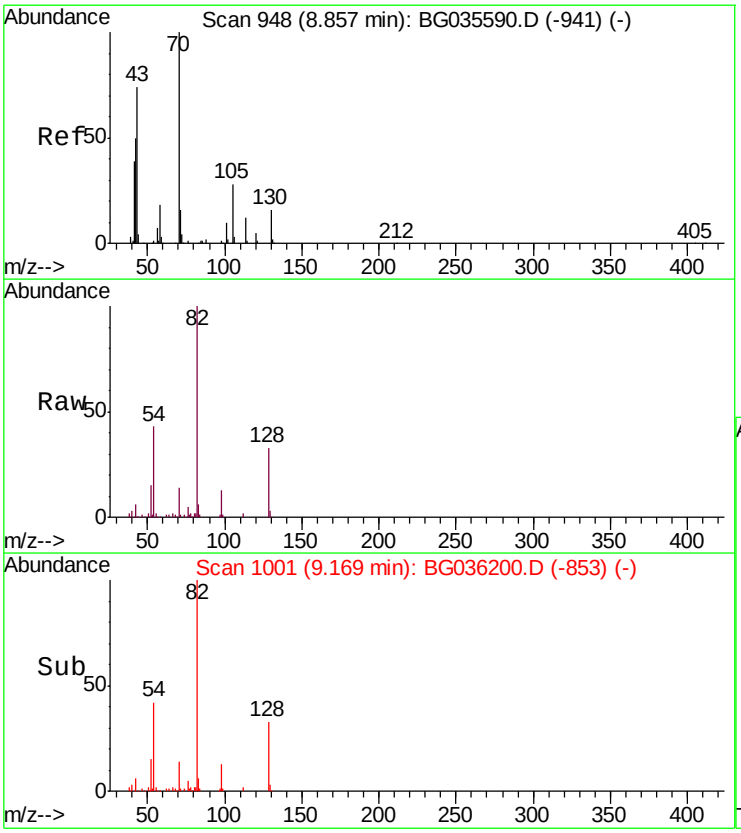
#7
Phenol-d6
Concen: 34.020 ng
RT: 7.18 min Scan# 662
Delta R.T. -0.02 min
Lab File: BG036200.D
Acq: 8 Aug 2018 16:35

Instrument :
BNA_G
ClientSampleId :
FB-08072018

Tgt Ion: 99 Resp: 77709

Ion	Ratio	Lower	Upper
99	100		
42	15.2	14.1	21.1
71	44.8	26.1	39.1#

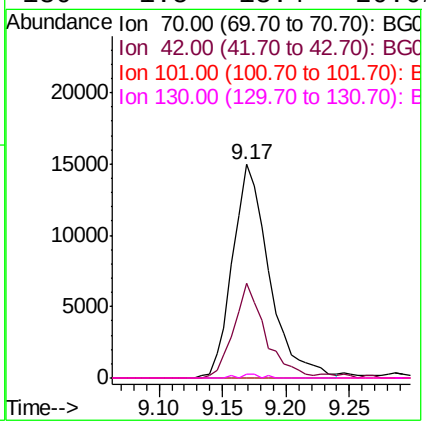


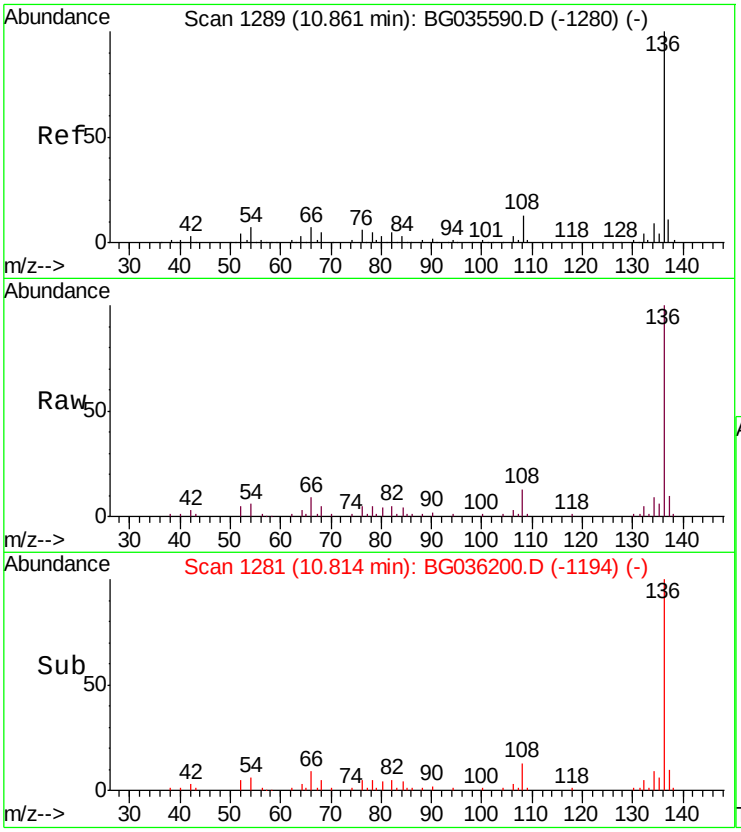


#19
n-Nitroso-di-n-propylamine
Concen: 15.658 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.34 min
Lab File: BG036200.D
Acq: 8 Aug 2018 16:35

Tgt Ion: 70 Resp: 30118

Ion	Ratio	Lower	Upper
70	100		
42	44.6	49.1	73.7#
101	0.0	8.5	12.7#
130	1.5	13.4	20.0#



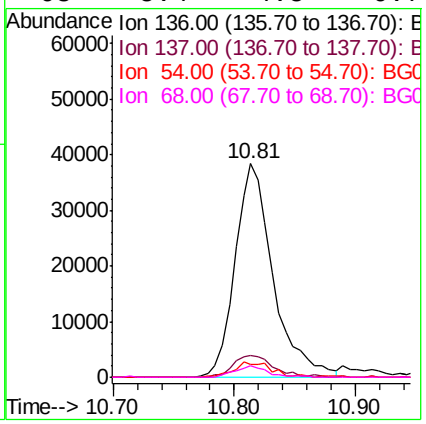


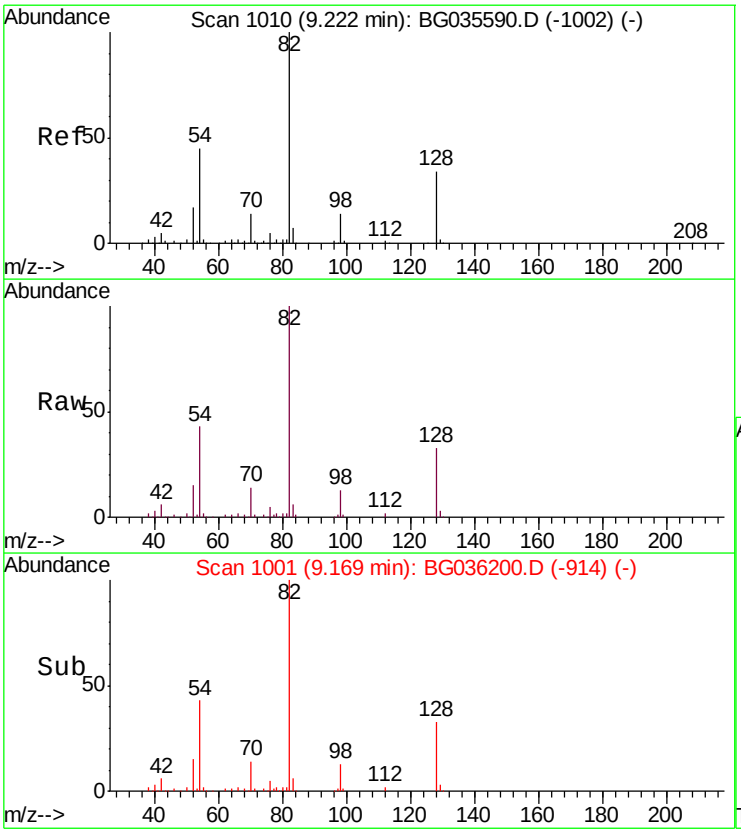
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036200.D
Acq: 8 Aug 2018 16:35

Instrument :
BNA_G
ClientSampleId :
FB-08072018

Tgt Ion:136 Resp: 84118

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	5.8	10.3	15.5#
68	5.4	4.5	6.7

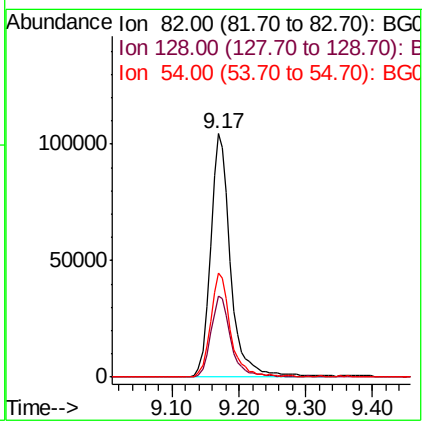


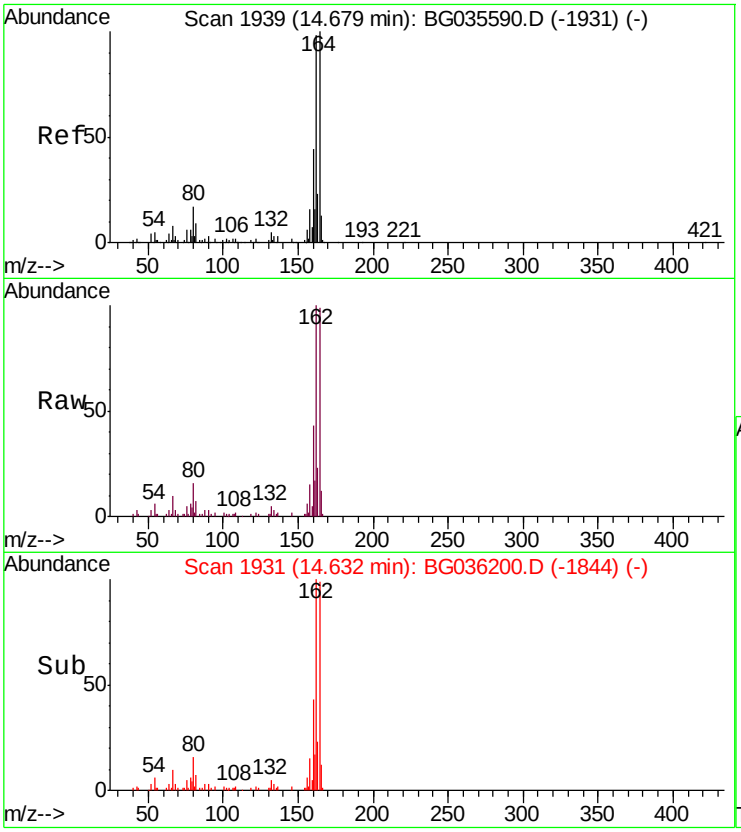


#23
Nitrobenzene-d5
Concen: 109.630 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036200.D
Acq: 8 Aug 2018 16:35

Tgt Ion: 82 Resp: 220752

Ion	Ratio	Lower	Upper
82	100		
128	33.2	29.7	44.5
54	42.6	43.1	64.7#



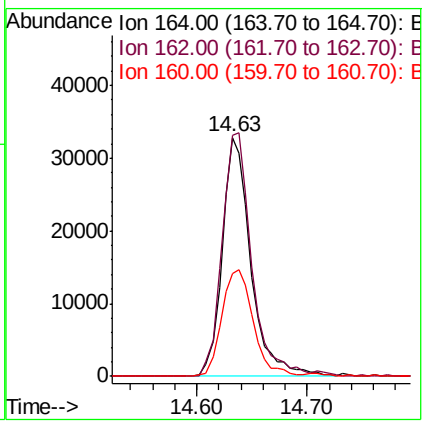


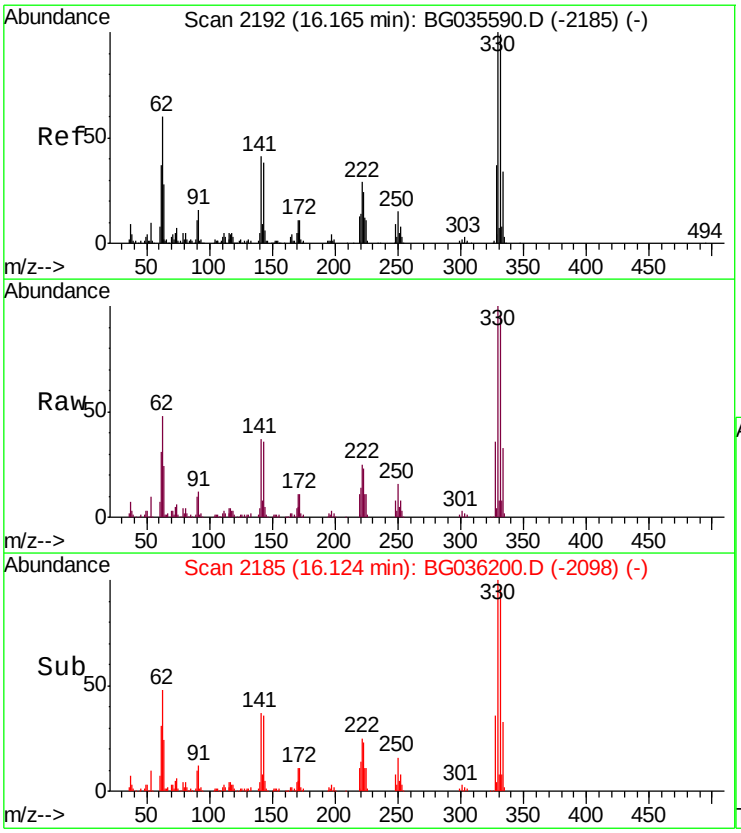
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036200.D
Acq: 8 Aug 2018 16:35

Instrument :
BNA_G
ClientSampleId :
FB-08072018

Tgt Ion:164 Resp: 59419

Ion	Ratio	Lower	Upper
164	100		
162	101.0	78.8	118.2
160	43.0	35.4	53.0

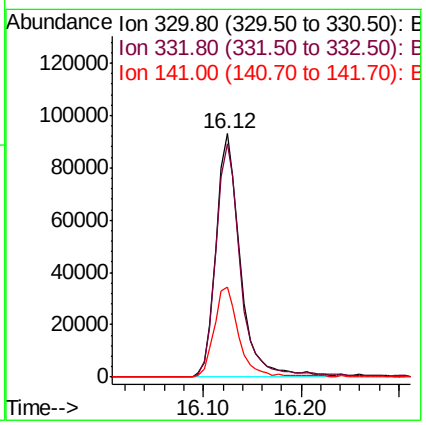


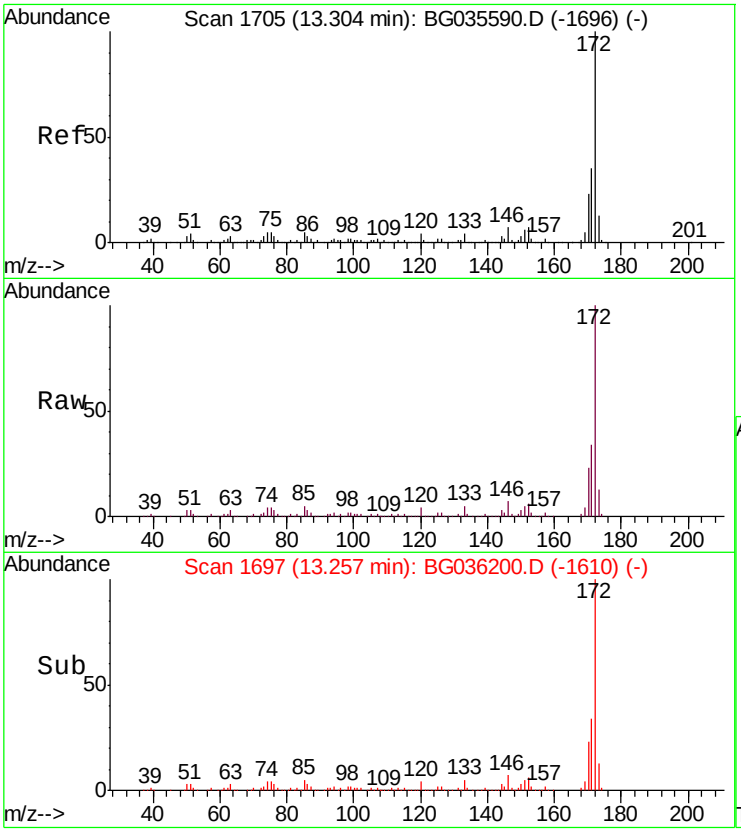


#41
2,4,6-Tribromophenol
Concen: 205.891 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BG036200.D
Acq: 8 Aug 2018 16:35

Tgt Ion:330 Resp: 161250

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	36.6	25.2	37.8



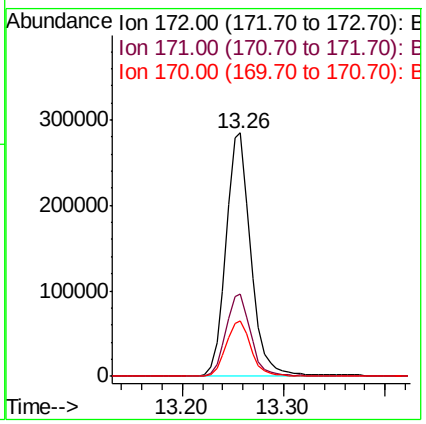


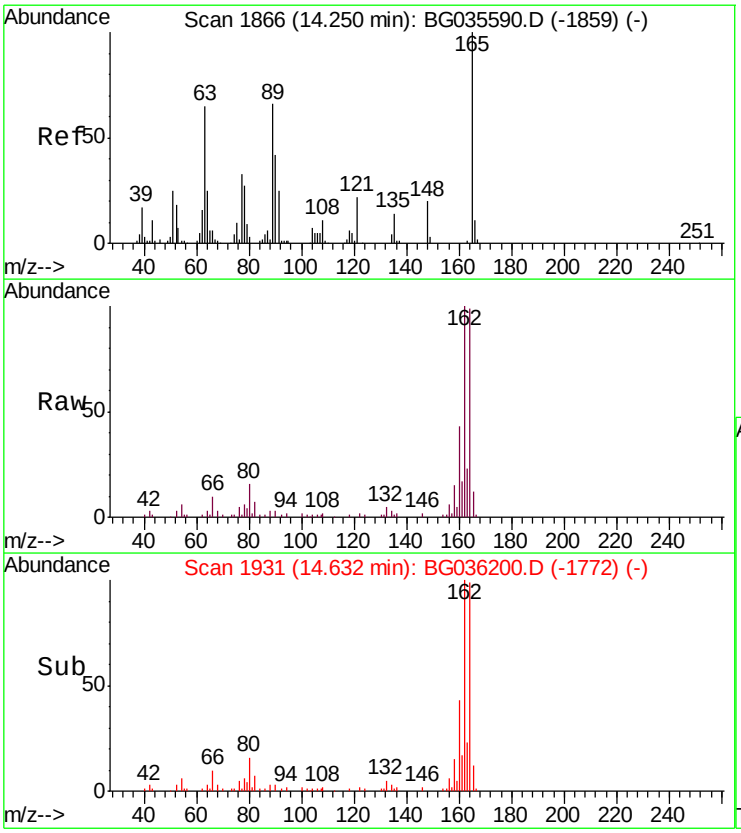
#44
2-Fluorobiphenyl
Concen: 108.792 ng
RT: 13.26 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG036200.D
Acq: 8 Aug 2018 16:35

Instrument :
BNA_G
ClientSampleId :
FB-08072018

Tgt Ion:172 Resp: 482505

Ion	Ratio	Lower	Upper
172	100		
171	34.0	30.0	45.0
170	22.6	19.5	29.3

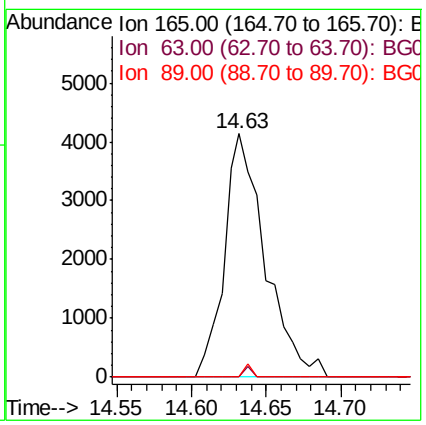


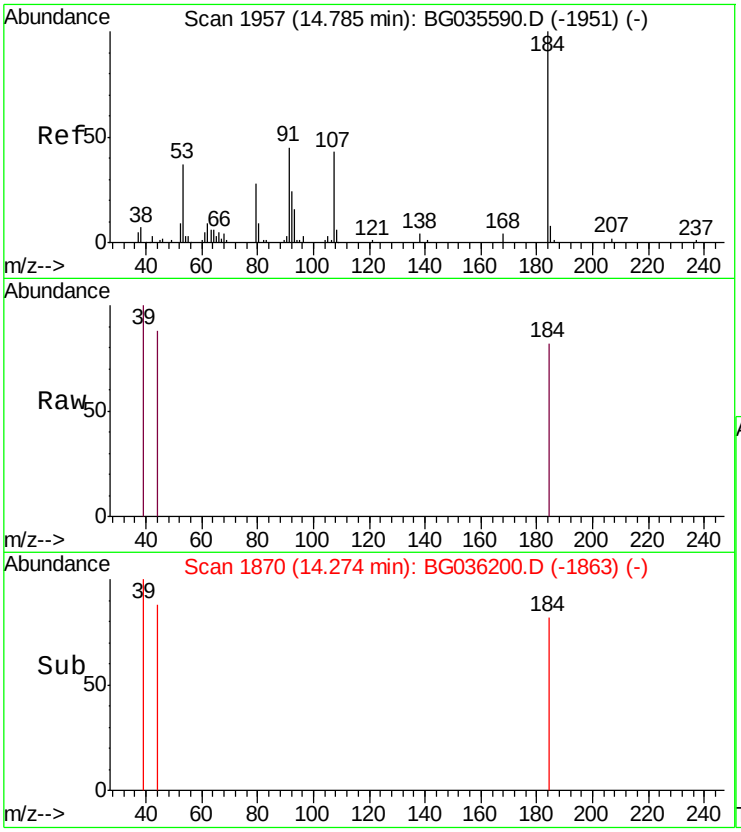


#50
2,6-Dinitrotoluene
Concen: 7.458 ng
RT: 14.63 min Scan# 1931
Delta R.T. 0.40 min
Lab File: BG036200.D
Acq: 8 Aug 2018 16:35

Tgt Ion:165 Resp: 7907

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



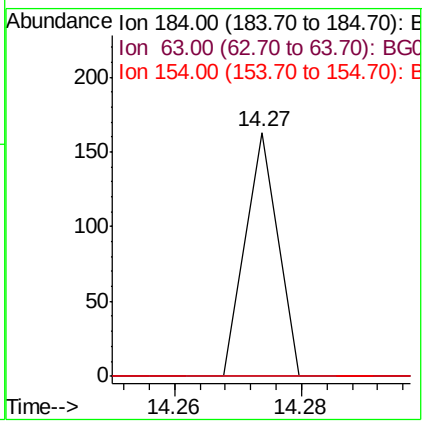


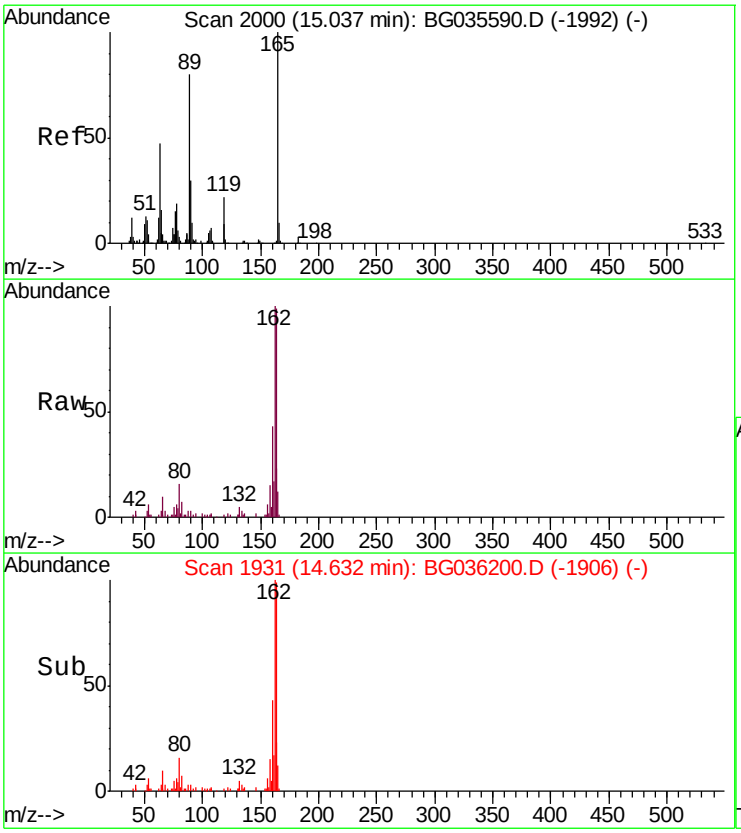
#53
2,4-Dinitrophenol
Concen: 6.678 ng
RT: 14.27 min Scan# 1870
Delta R.T. -0.49 min
Lab File: BG036200.D
Acq: 8 Aug 2018 16:35

Instrument :
BNA_G
ClientSampleId :
FB-08072018

Tgt Ion:184 Resp: 57

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	0.0	101.8	152.8#

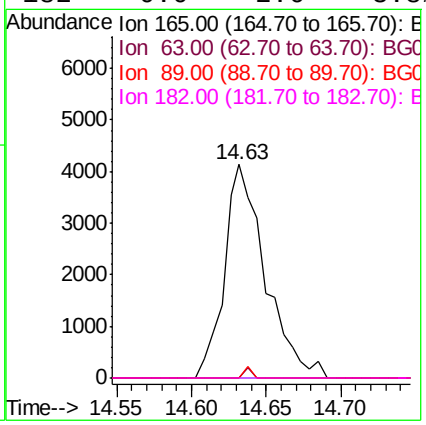


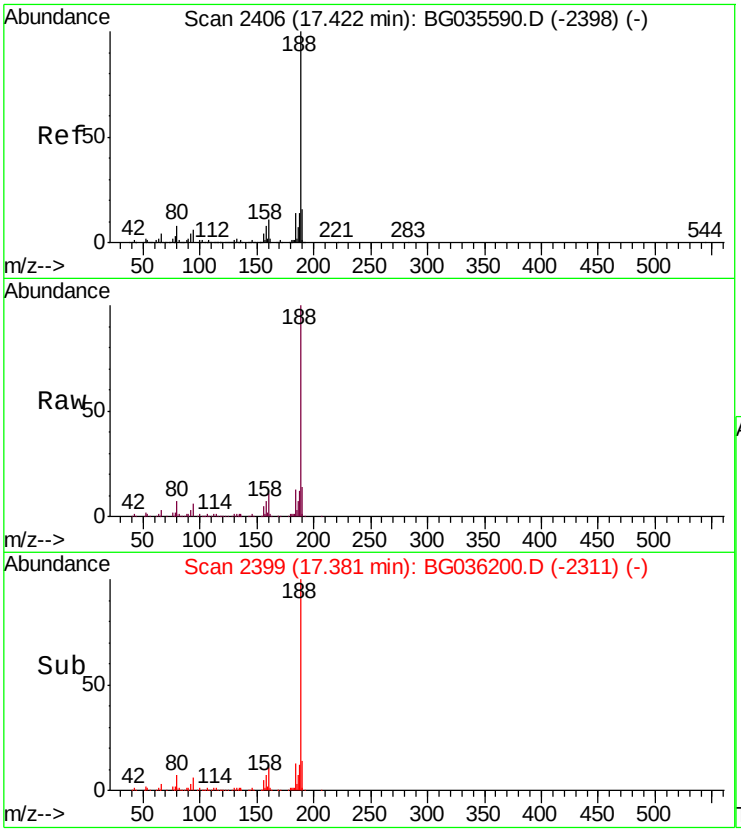


#56
2,4-Dinitrotoluene
Concen: 5.199 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.38 min
Lab File: BG036200.D
Acq: 8 Aug 2018 16:35

Tgt Ion:165 Resp: 7907

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



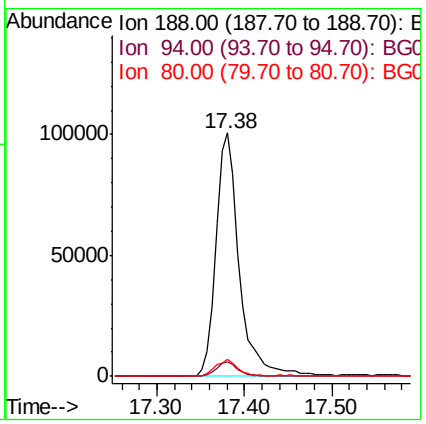


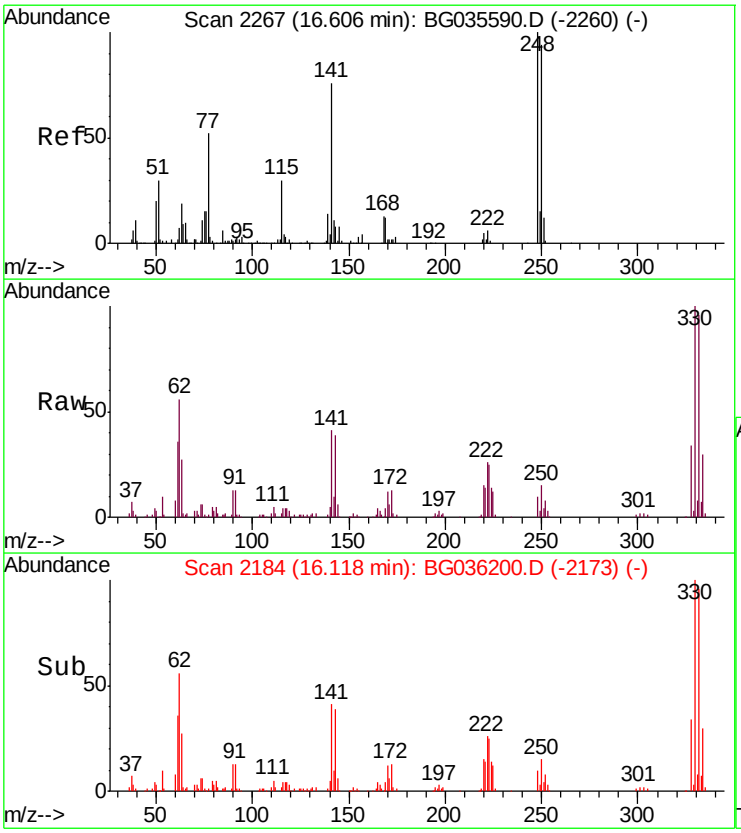
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG036200.D
Acq: 8 Aug 2018 16:35

Instrument :
BNA_G
ClientSampleId :
FB-08072018

Tgt Ion:188 Resp: 185161

Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	7.1	7.7	11.5#

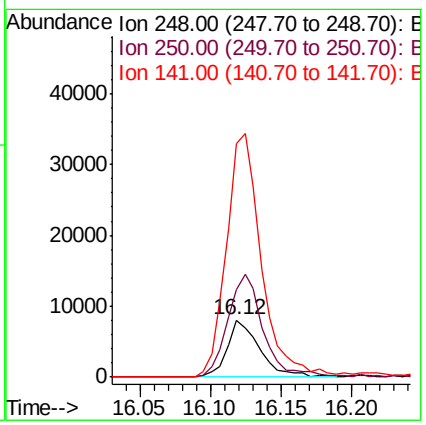


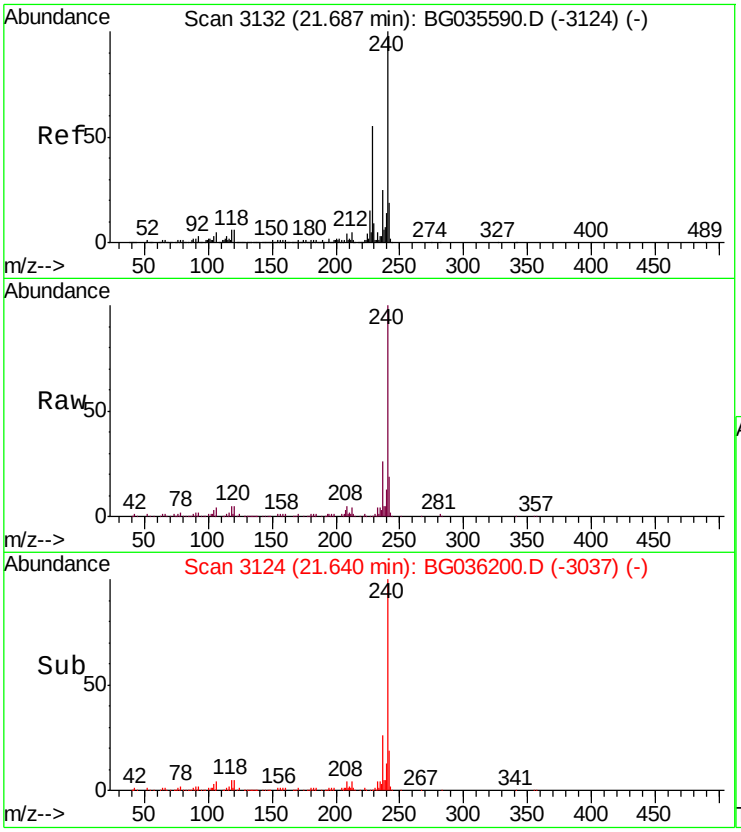


#66
4-Bromophenyl-phenylether
Concen: 6.013 ng
RT: 16.12 min Scan# 2184
Delta R.T. -0.47 min
Lab File: BG036200.D
Acq: 8 Aug 2018 16:35

Tgt Ion:248 Resp: 12917

Ion	Ratio	Lower	Upper
248	100		
250	152.9	77.1	115.7#
141	409.4	50.8	76.2#



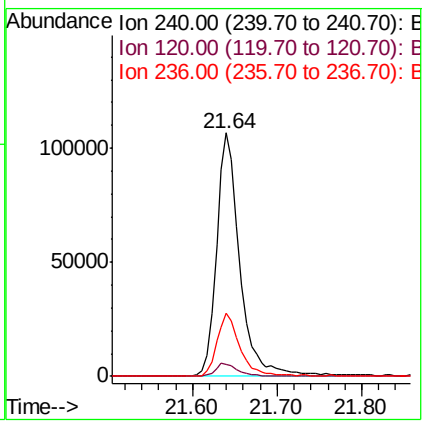


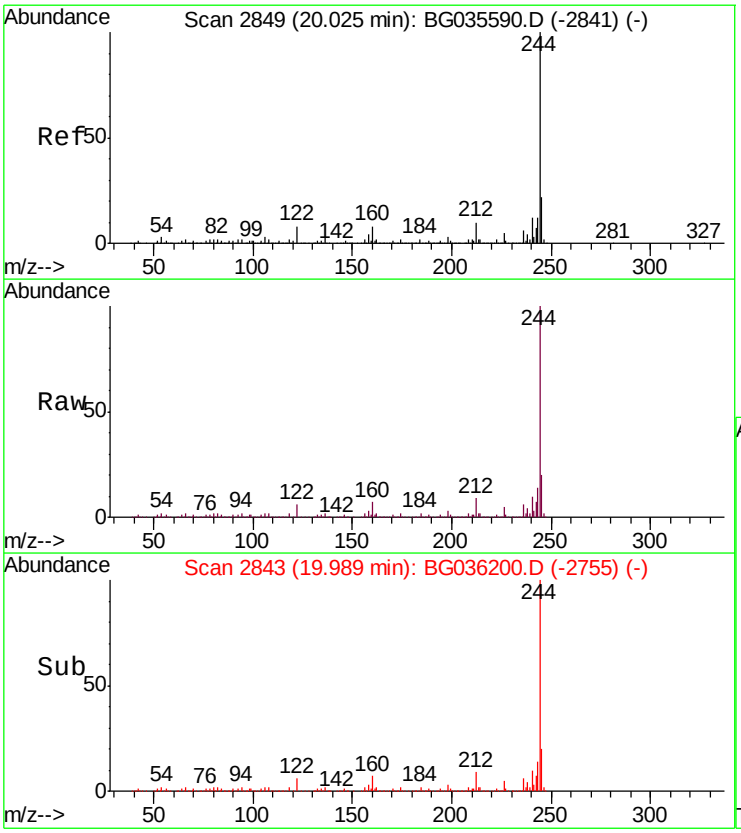
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036200.D
Acq: 8 Aug 2018 16:35

Instrument :
BNA_G
ClientSampleId :
FB-08072018

Tgt Ion:240 Resp: 204327

Ion	Ratio	Lower	Upper
240	100		
120	5.2	6.8	10.2#
236	25.7	20.9	31.3

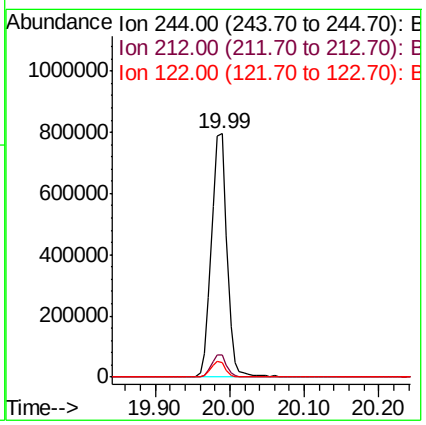


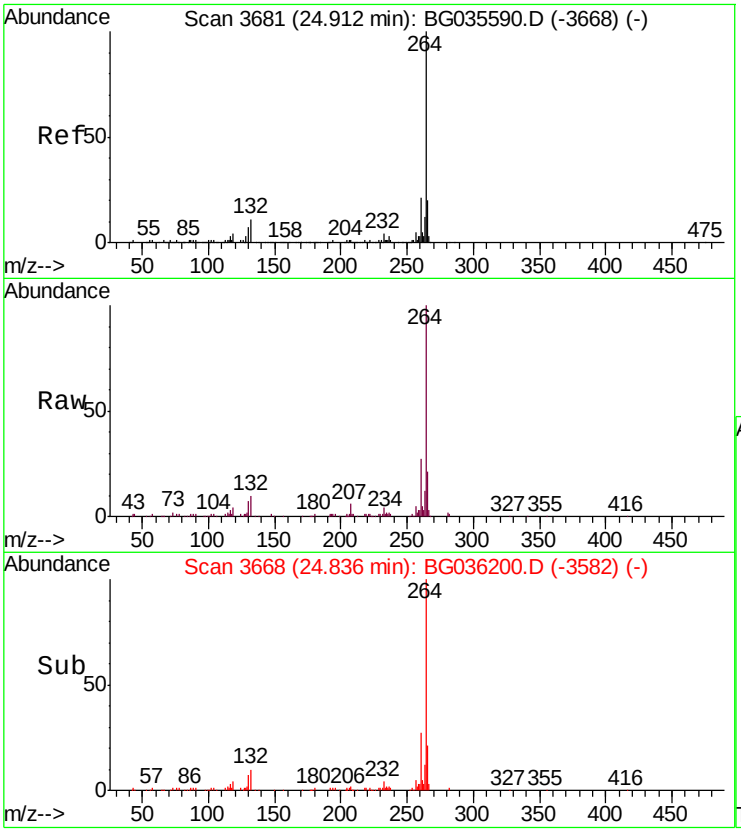


#78
Terphenyl-d14
Concen: 124.261 ng
RT: 19.99 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BG036200.D
Acq: 8 Aug 2018 16:35

Tgt Ion:244 Resp: 1151832

Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	6.0	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3668
Delta R.T. -0.02 min
Lab File: BG036200.D
Acq: 8 Aug 2018 16:35

Instrument :
BNA_G
ClientSampleId :
FB-08072018

Tgt Ion:264 Resp: 193633

Ion	Ratio	Lower	Upper
264	100		
260	26.6	17.4	26.0#
265	21.3	17.7	26.5