Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080818\
Data File : BG036225.D
Acq On : 9 Aug 2018 9:48
Operator : JU/SJ
Sample : J4304-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A16

Quant Time: Aug 09 10:54:10 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	28244	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	98991	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	72330	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	197188	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	220993	20.00	ng	-0.02
86) Perylene-d12	24.83	264	204185	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	130089	76.47	ng	0.00
7) Phenol-d6	7.18	99	119406	47.04	ng	-0.01
23) Nitrobenzene-d5	9.17	82	250382	105.66	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	183830	192.82	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	570892	105.74	ng	-0.02
78) Terphenyl-d14	19.99	244	1065066	106.24	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	8.33	79	4844	2.102	ng	# 48
18) Hexachloroethane	9.11	117	8046	9.912	ng	# 1
19) n-Nitroso-di-n-propylamine	9.17	70	36006	16.846	ng	# 68
22) Acetophenone	8.70	105	7260	2.358	ng	# 70
49) Dimethylphthalate	14.08	163	30785	4.858	ng	# 95
53) 2,4-Dinitrophenol	14.73	184	74	6.685	ng	# 25
66) 4-Bromophenyl-phenylether	16.12	248	15343	6.707	ng	# 1
76) Benzidine	19.99	184	18693	3.217	ng	# 94

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

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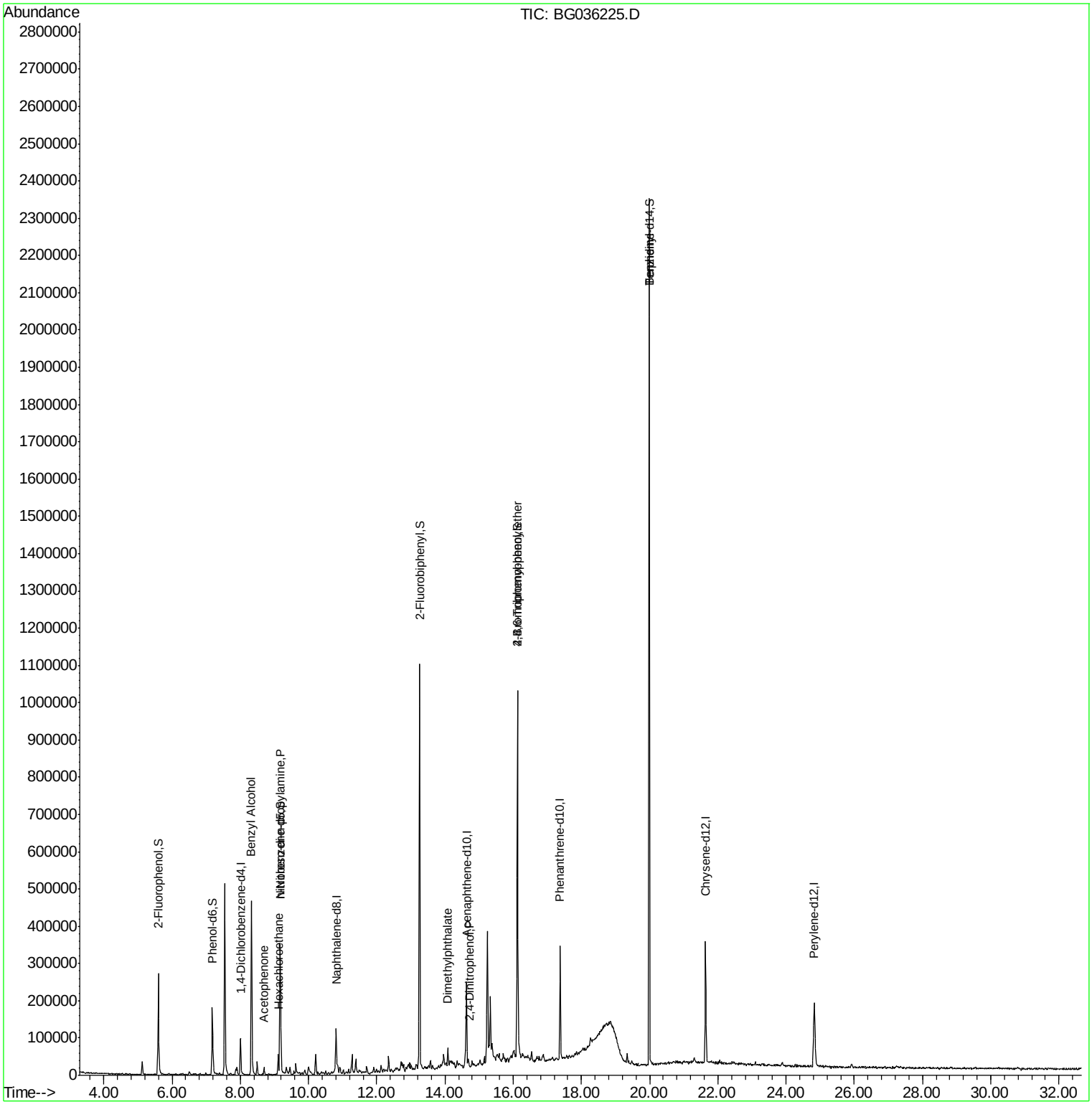
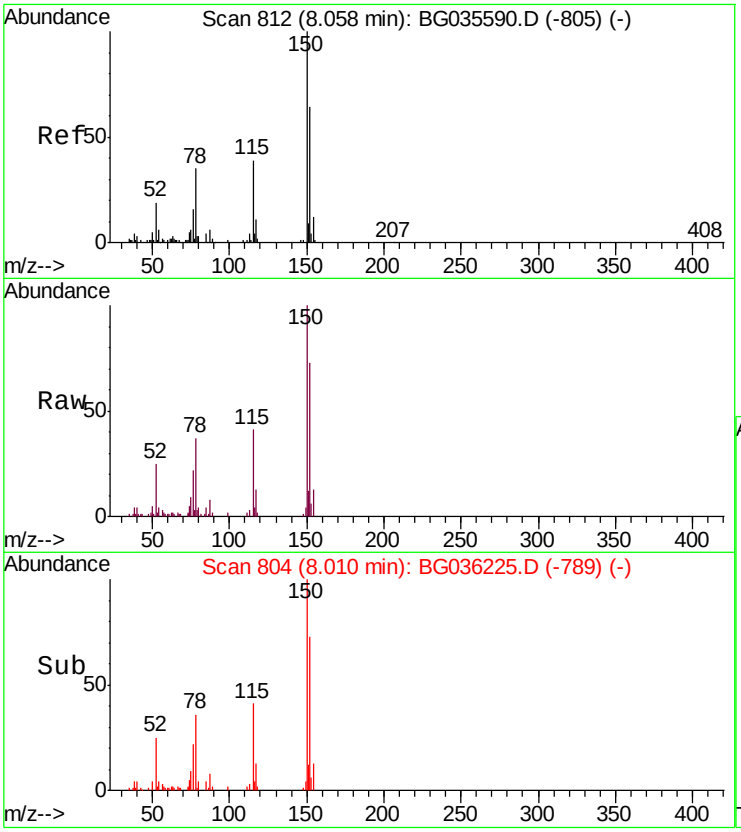
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration



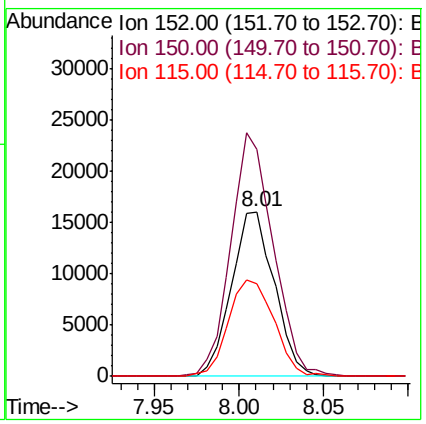


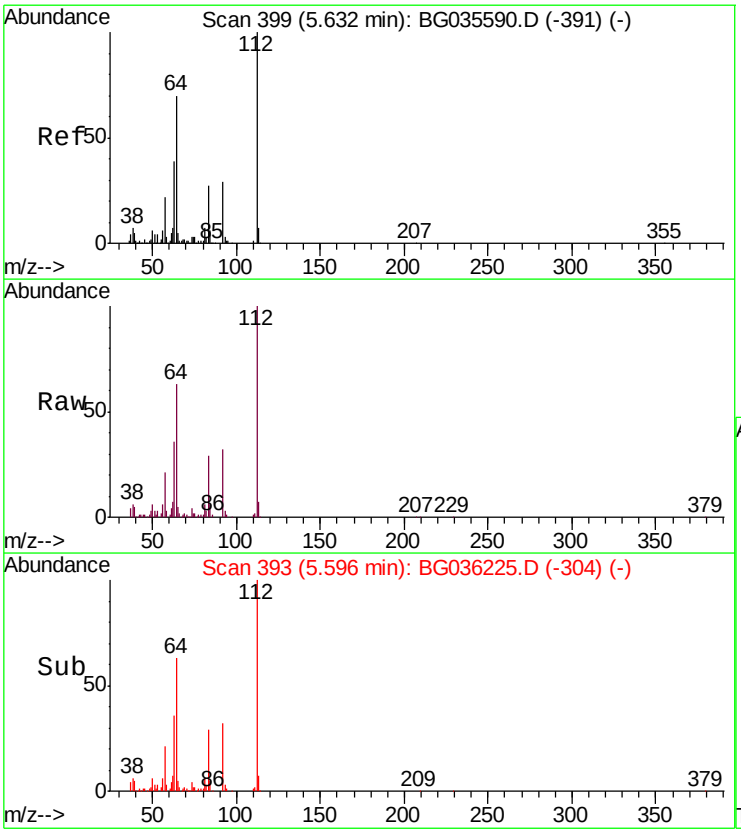
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036225.D
Acq: 9 Aug 2018 9:48

Instrument :
BNA_G
ClientSampleId :
MW-A16

Tgt Ion:152 Resp: 28244

Ion	Ratio	Lower	Upper
152	100		
150	137.7	126.6	189.8
115	56.0	53.0	79.4

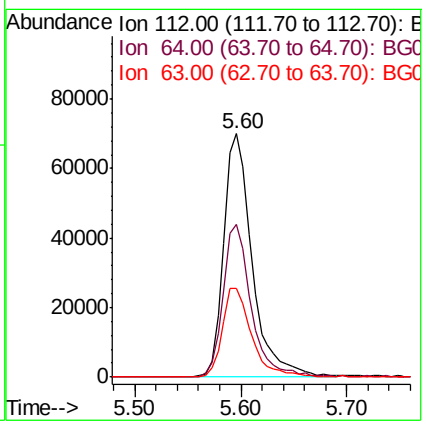


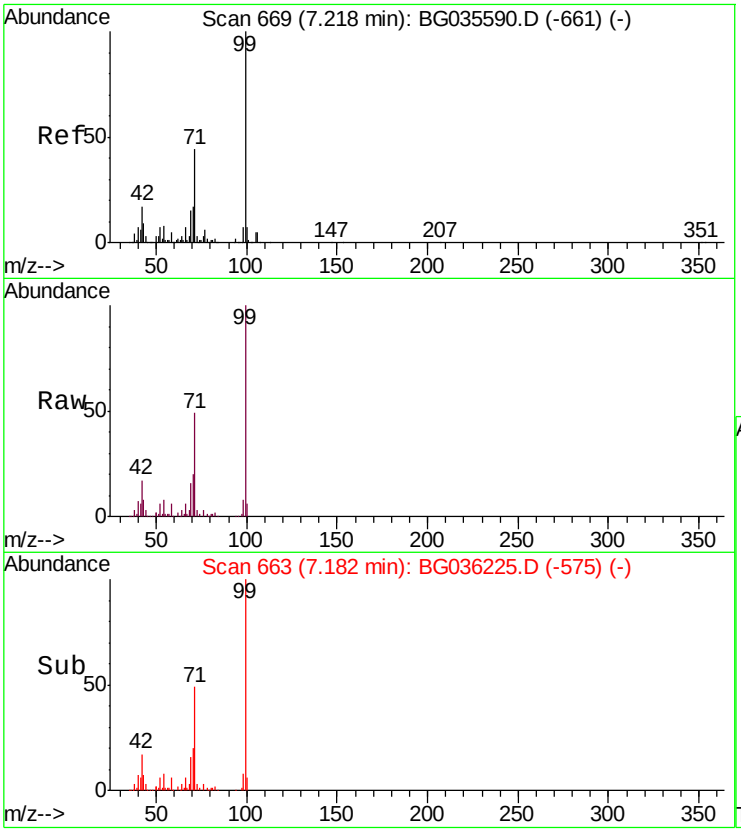


#5
2-Fluorophenol
Concen: 76.469 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036225.D
Acq: 9 Aug 2018 9:48

Tgt Ion:112 Resp: 130089

Ion	Ratio	Lower	Upper
112	100		
64	63.0	56.3	84.5
63	36.2	30.1	45.1



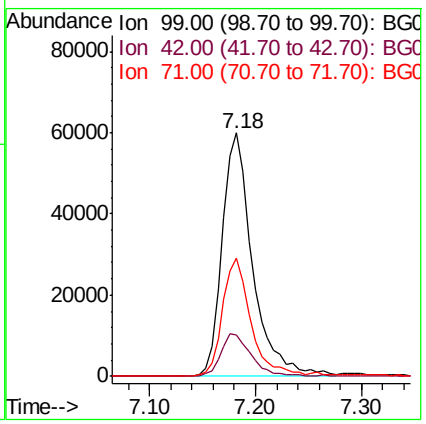


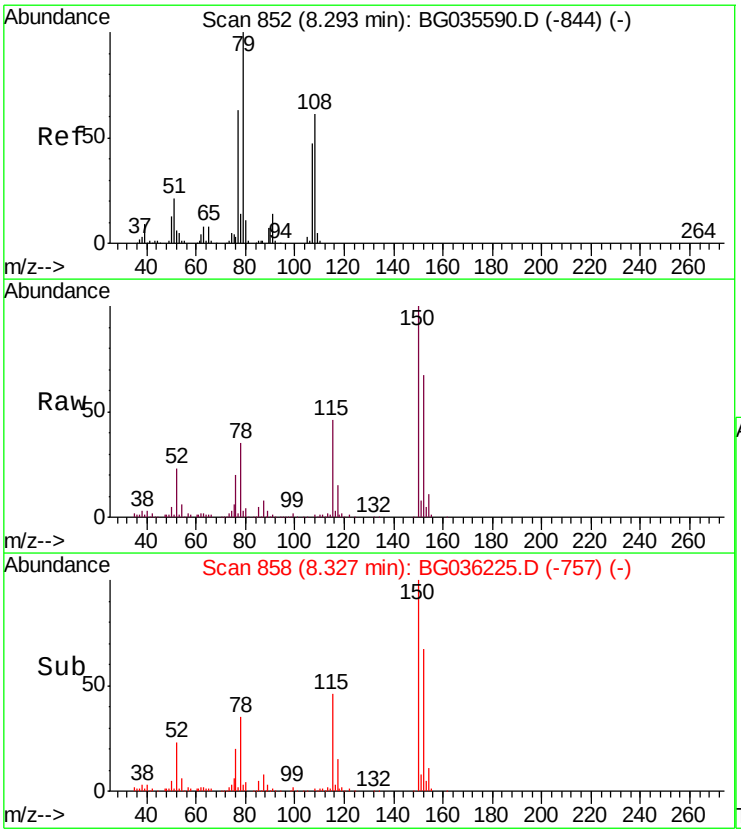
#7
Phenol-d6
Concen: 47.044 ng
RT: 7.18 min Scan# 663
Delta R.T. -0.01 min
Lab File: BG036225.D
Acq: 9 Aug 2018 9:48

Instrument :
BNA_G
ClientSampleId :
MW-A16

Tgt Ion: 99 Resp: 119406

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.1	21.1
71	48.7	26.1	39.1#

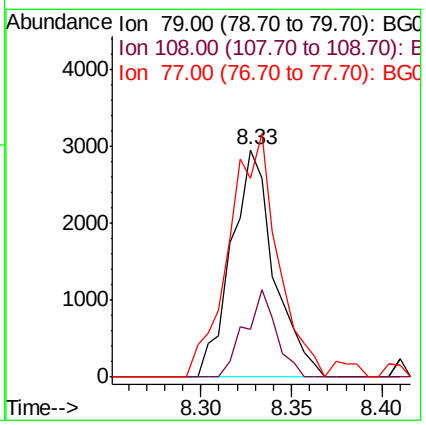


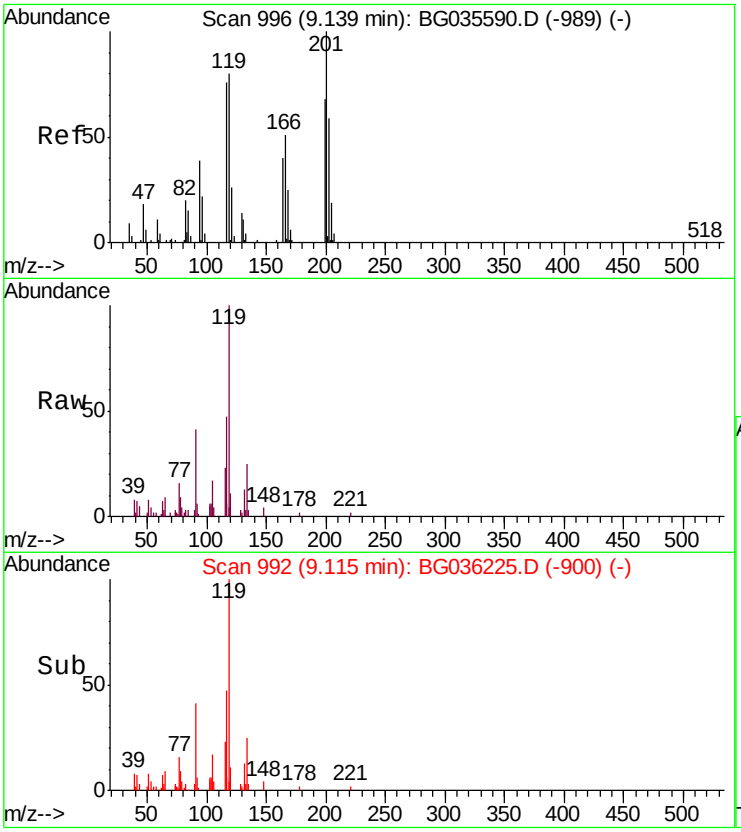


#15
Benzyl Alcohol
Concen: 2.102 ng
RT: 8.33 min Scan# 858
Delta R.T. 0.06 min
Lab File: BG036225.D
Acq: 9 Aug 2018 9:48

Tgt Ion: 79 Resp: 4844

Ion	Ratio	Lower	Upper
79	100		
108	21.1	57.2	85.8#
77	87.4	46.1	69.1#



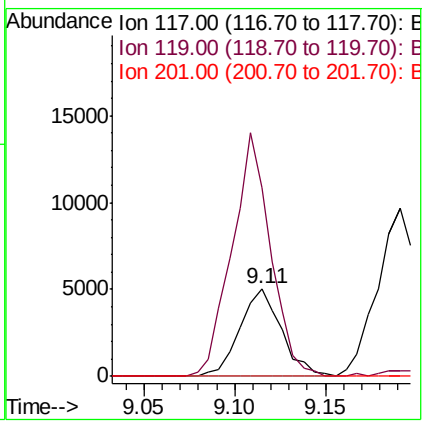


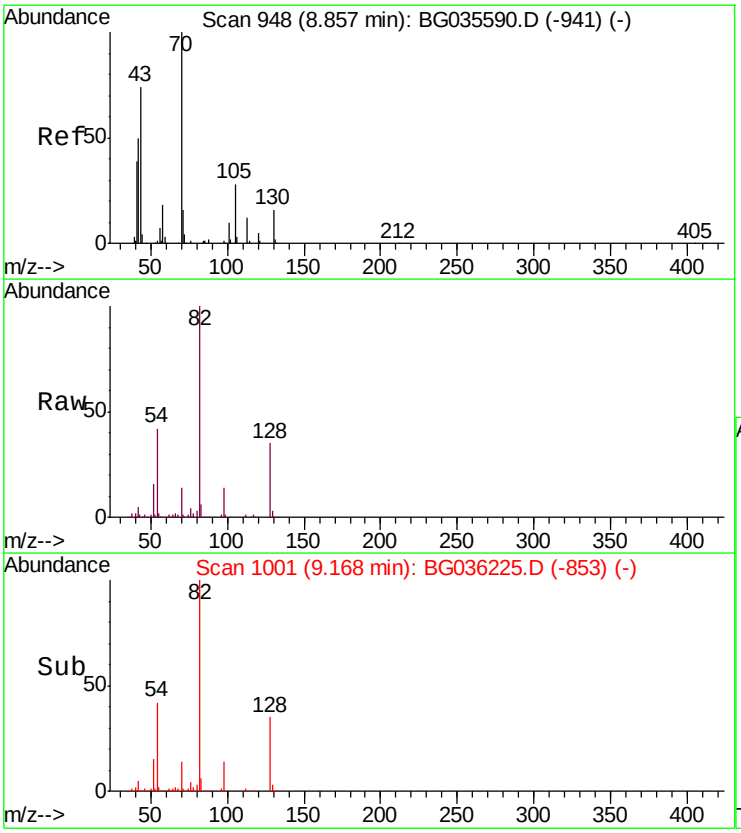
#18
Hexachloroethane
Concen: 9.912 ng
RT: 9.11 min Scan# 992
Delta R.T. 0.01 min
Lab File: BG036225.D
Acq: 9 Aug 2018 9:48

Instrument :
BNA_G
ClientSampleId :
MW-A16

Tgt Ion:117 Resp: 8046

Ion	Ratio	Lower	Upper
117	100		
119	214.1	76.7	115.1#
201	0.0	95.7	143.5#

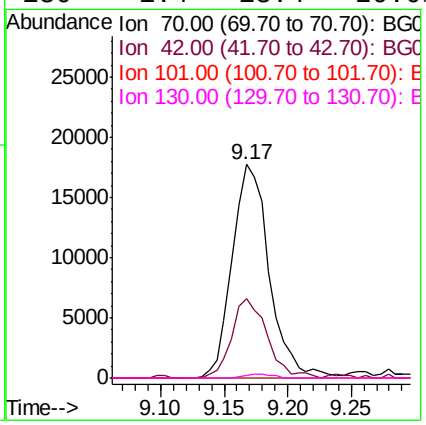


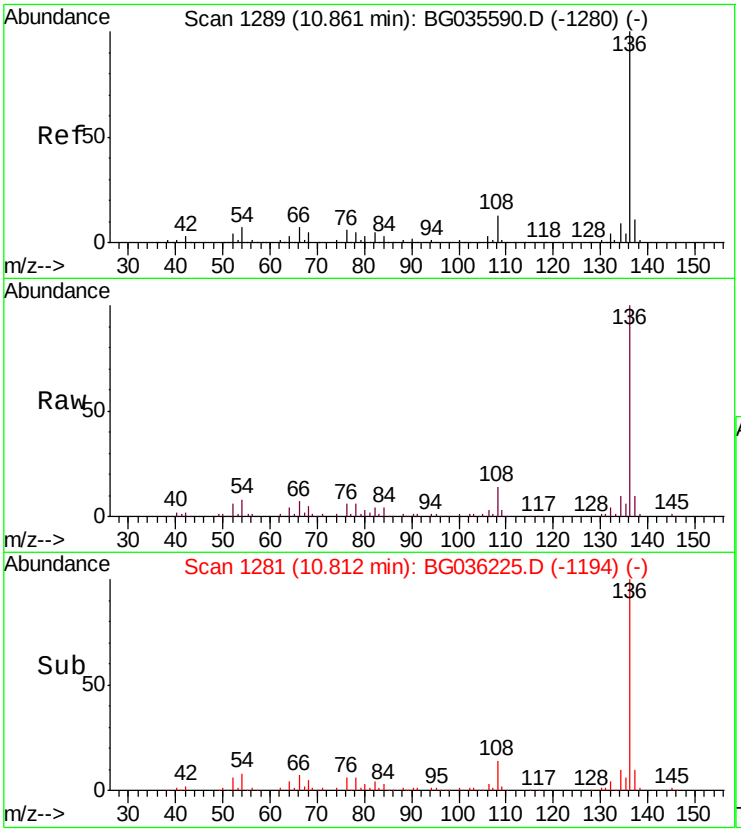


#19
n-Nitroso-di-n-propylamine
Concen: 16.846 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.34 min
Lab File: BG036225.D
Acq: 9 Aug 2018 9:48

Tgt Ion: 70 Resp: 36006

Ion	Ratio	Lower	Upper
70	100		
42	37.2	49.1	73.7#
101	0.0	8.5	12.7#
130	1.4	13.4	20.0#



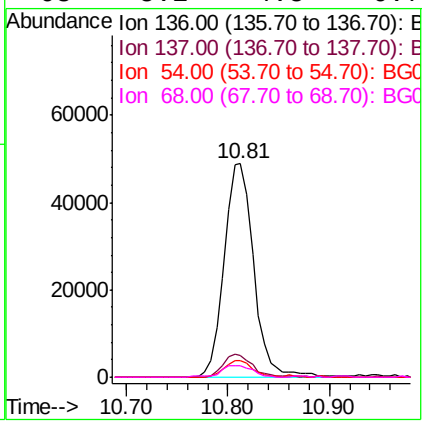


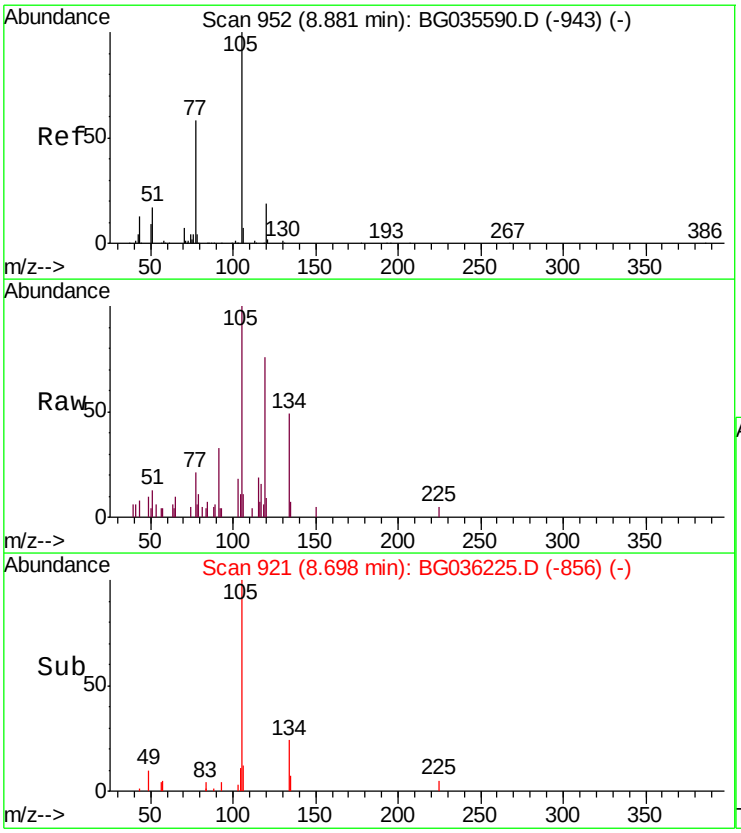
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036225.D
Acq: 9 Aug 2018 9:48

Instrument :
BNA_G
ClientSampleId :
MW-A16

Tgt Ion:136 Resp: 98991

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	7.9	10.3	15.5#
68	5.2	4.5	6.7

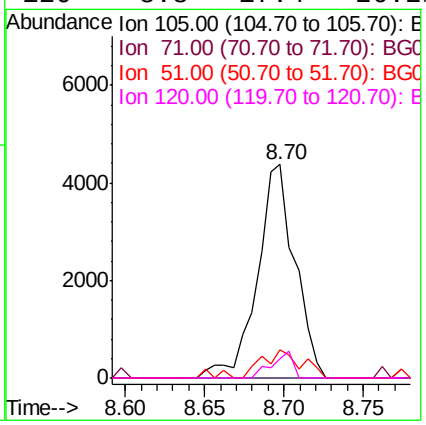


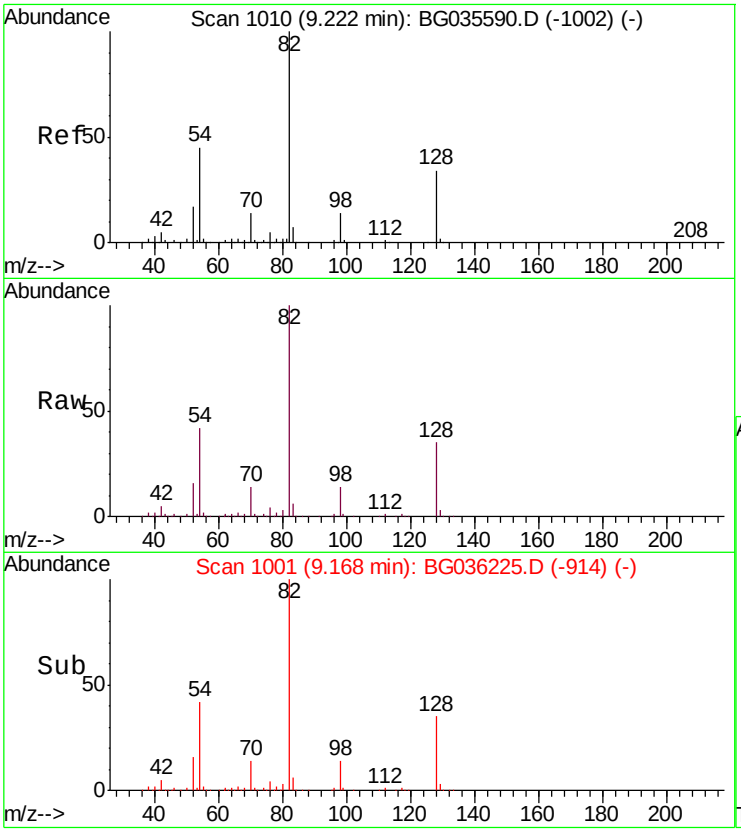


#22
Acetophenone
Concen: 2.358 ng
RT: 8.70 min Scan# 921
Delta R.T. -0.15 min
Lab File: BG036225.D
Acq: 9 Aug 2018 9:48

Tgt Ion:105 Resp: 7260

Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.0	4.4#
51	13.2	26.1	39.1#
120	8.8	17.4	26.2#



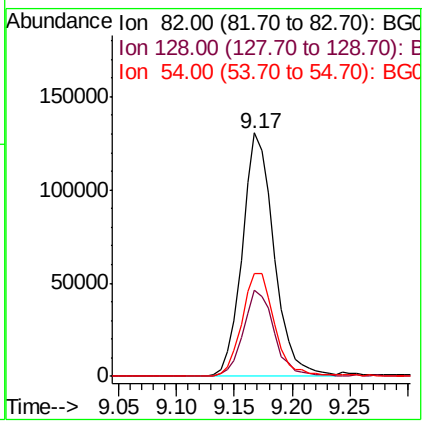


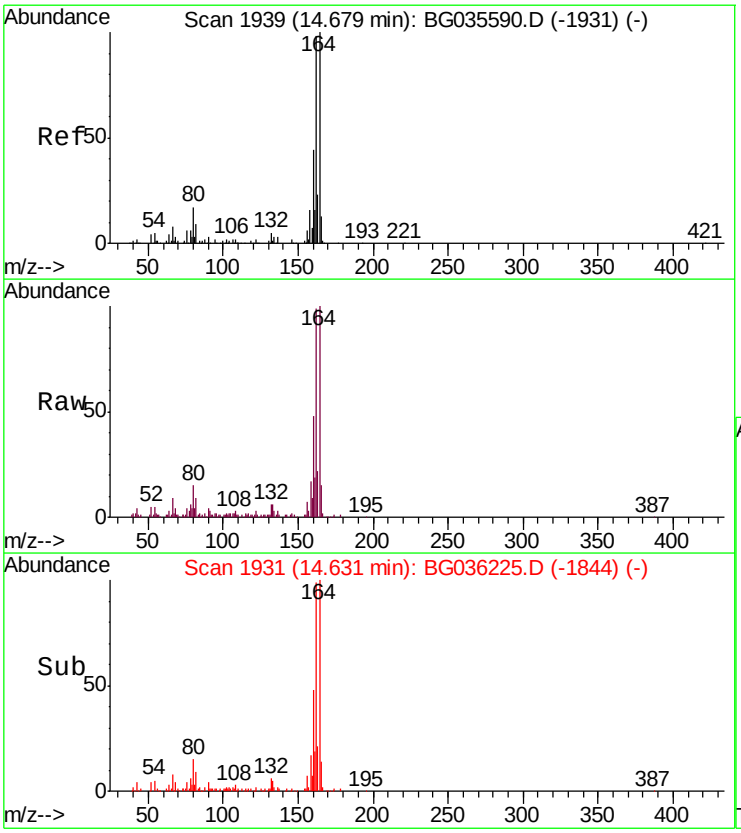
#23
Nitrobenzene-d5
Concen: 105.663 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036225.D
Acq: 9 Aug 2018 9:48

Instrument :
BNA_G
ClientSampleId :
MW-A16

Tgt Ion: 82 Resp: 250382

Ion	Ratio	Lower	Upper
82	100		
128	35.2	29.7	44.5
54	42.1	43.1	64.7#

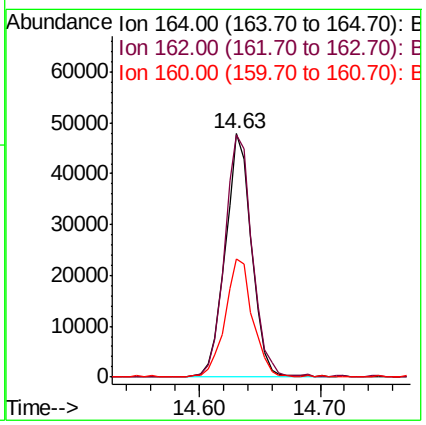


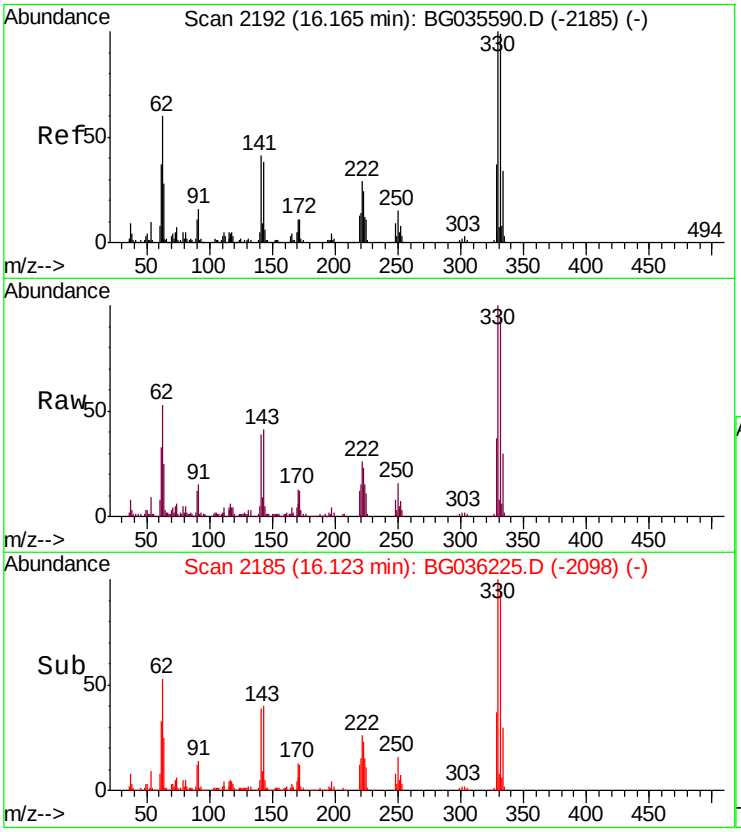


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036225.D
Acq: 9 Aug 2018 9:48

Tgt Ion:164 Resp: 72330

Ion	Ratio	Lower	Upper
164	100		
162	99.3	78.8	118.2
160	48.4	35.4	53.0



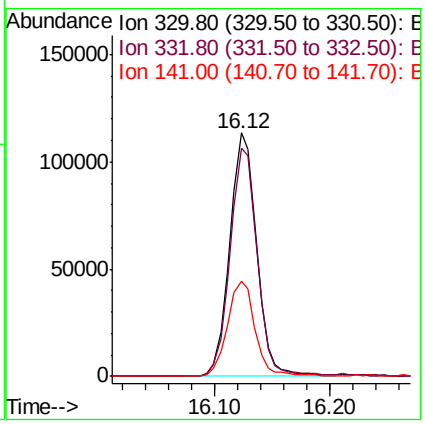


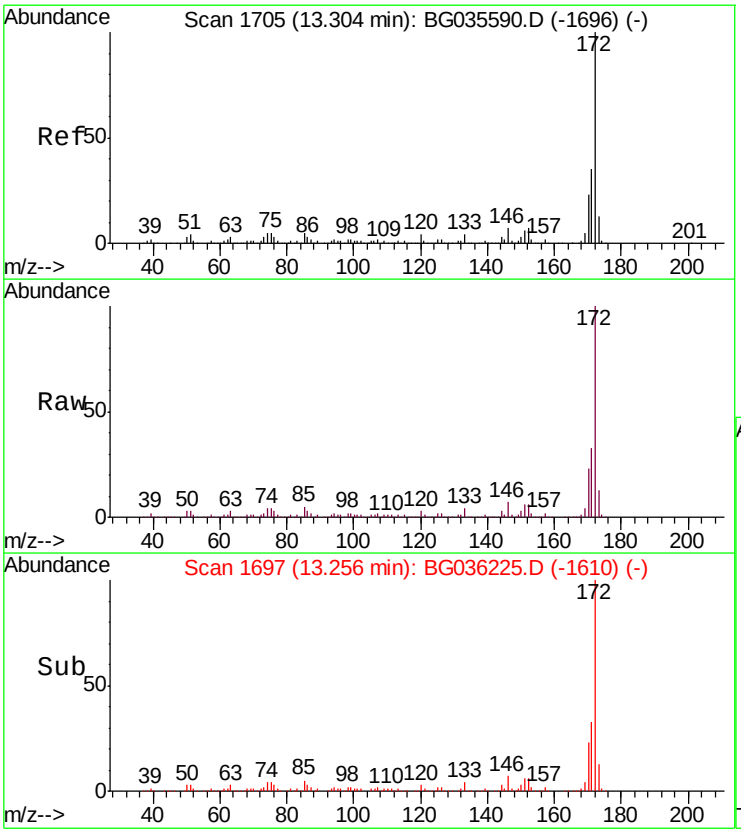
#41
2,4,6-Tribromophenol
Concen: 192.824 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BG036225.D
Acq: 9 Aug 2018 9:48

Instrument :
BNA_G
ClientSampleId :
MW-A16

Tgt Ion:330 Resp: 183830

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	40.2	25.2	37.8#

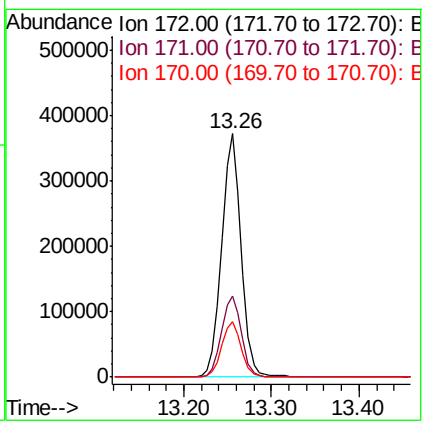


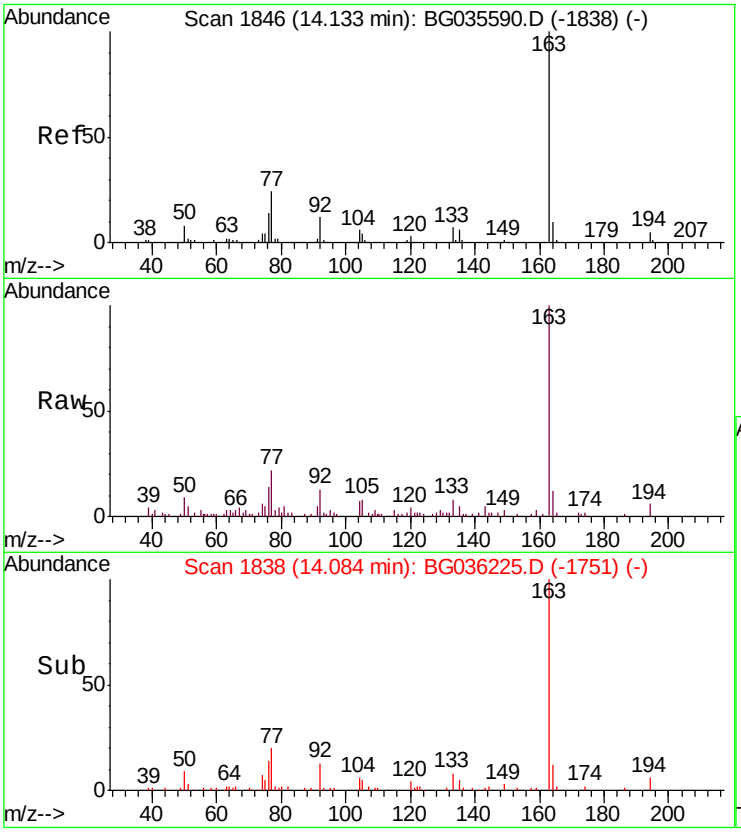


#44
2-Fluorobiphenyl
Concen: 105.744 ng
RT: 13.26 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG036225.D
Acq: 9 Aug 2018 9:48

Tgt Ion:172 Resp: 570892

Ion	Ratio	Lower	Upper
172	100		
171	33.5	30.0	45.0
170	22.8	19.5	29.3



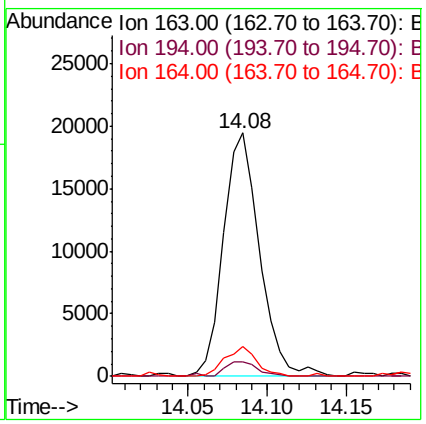


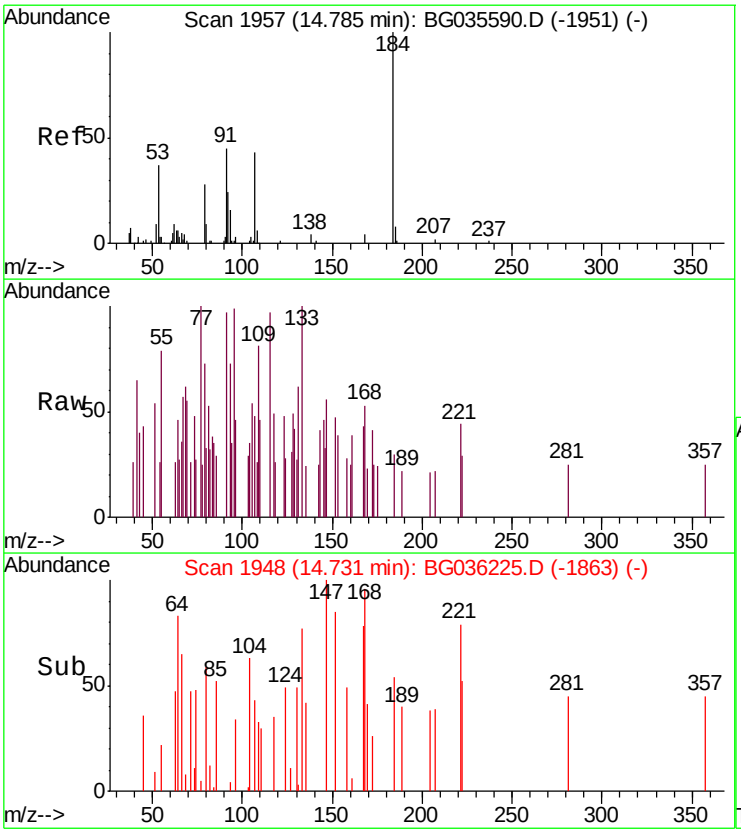
#49
Dimethylphthalate
Concen: 4.858 ng
RT: 14.08 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BG036225.D
Acq: 9 Aug 2018 9:48

Instrument :
BNA_G
ClientSampleId :
MW-A16

Tgt Ion:163 Resp: 30785

Ion	Ratio	Lower	Upper
163	100		
194	5.9	3.4	5.2#
164	12.3	8.2	12.4

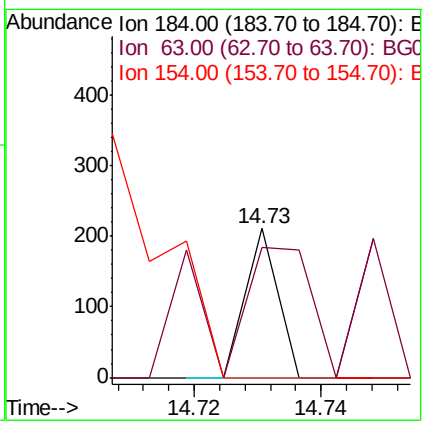


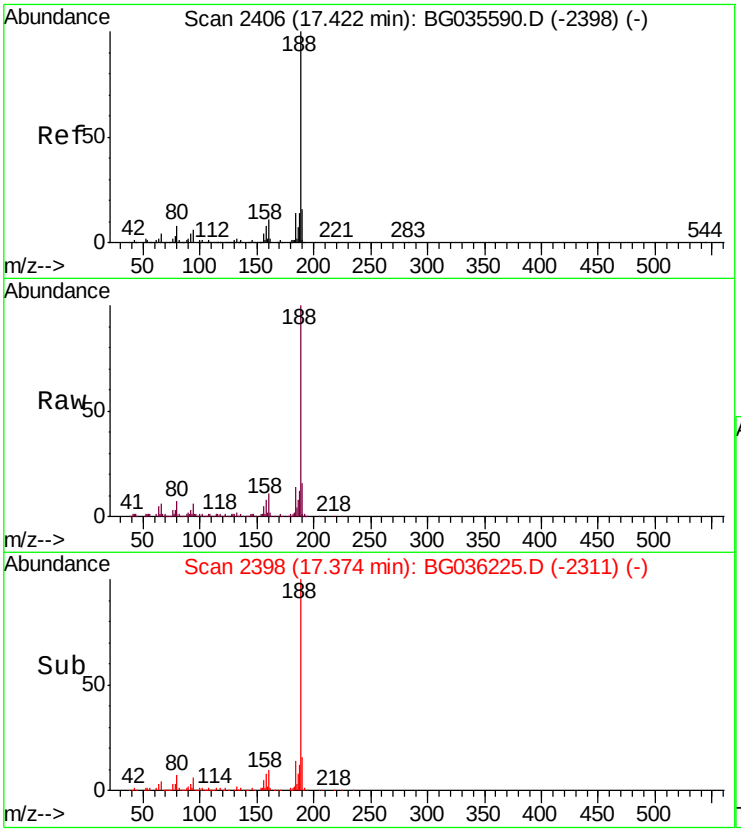


#53
2,4-Dinitrophenol
Concen: 6.685 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.03 min
Lab File: BG036225.D
Acq: 9 Aug 2018 9:48

Tgt Ion:184 Resp: 74

Ion	Ratio	Lower	Upper
184	100		
63	87.2	59.8	89.8
154	0.0	101.8	152.8#



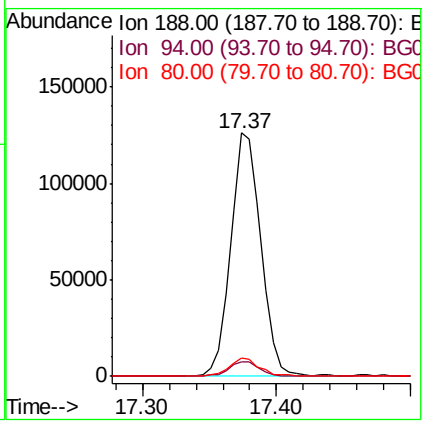


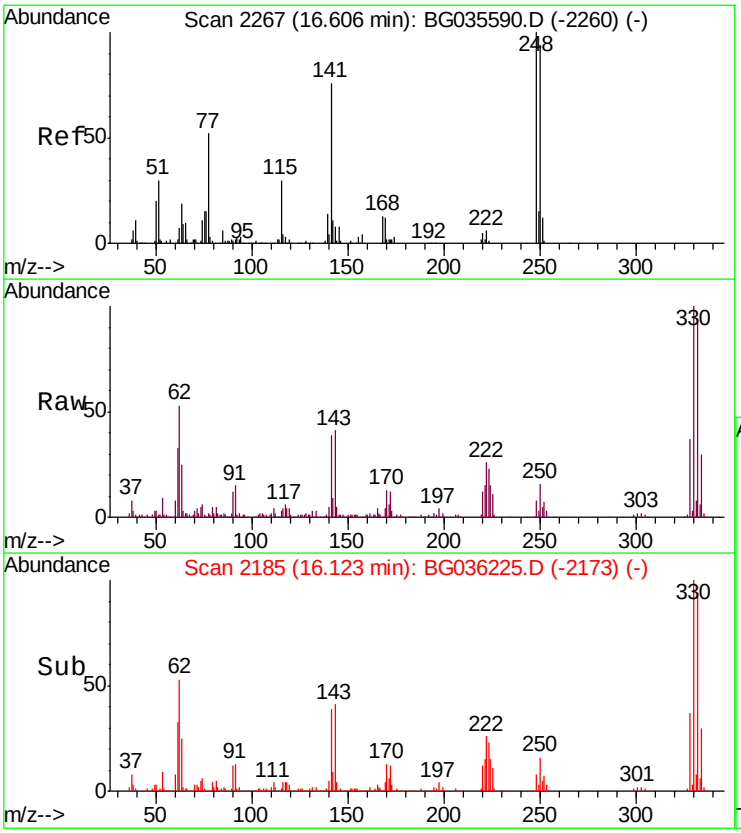
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2398
Delta R.T. -0.02 min
Lab File: BG036225.D
Acq: 9 Aug 2018 9:48

Instrument :
BNA_G
ClientSampleId :
MW-A16

Tgt Ion:188 Resp: 197188

Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	7.5	7.7	11.5#

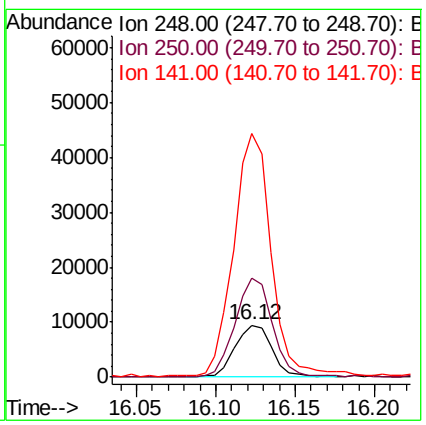


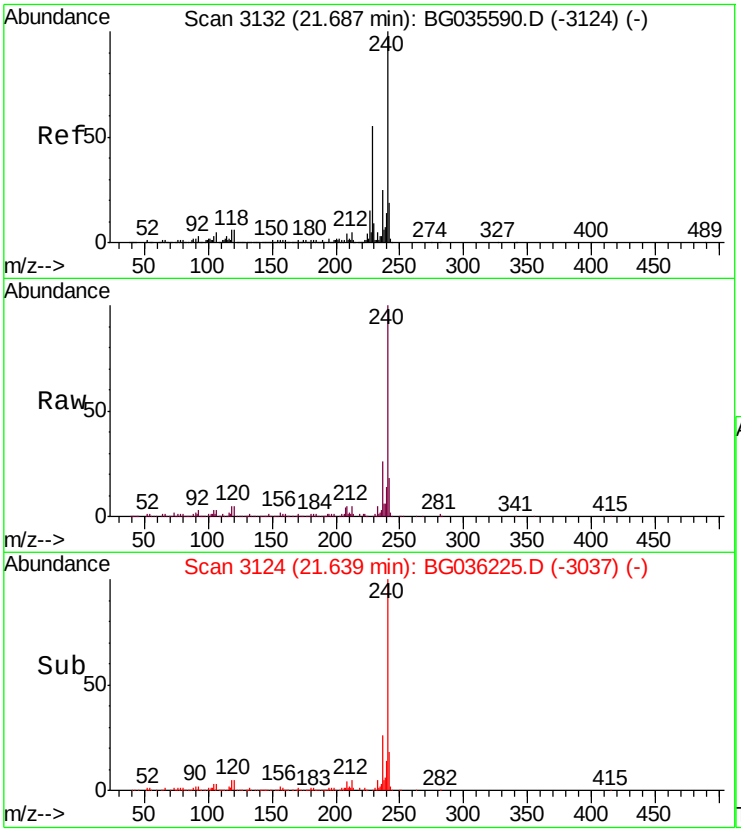


#66
4-Bromophenyl-phenylether
Concen: 6.707 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.46 min
Lab File: BG036225.D
Acq: 9 Aug 2018 9:48

Tgt Ion:248 Resp: 15343

Ion	Ratio	Lower	Upper
248	100		
250	191.8	77.1	115.7#
141	471.0	50.8	76.2#



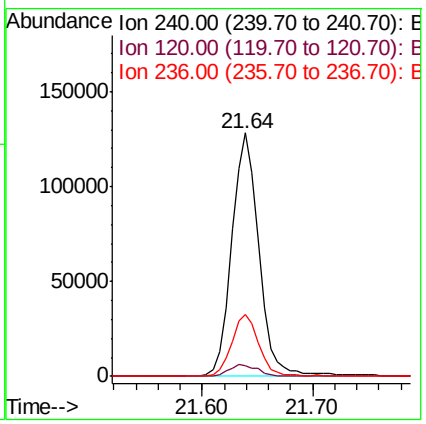


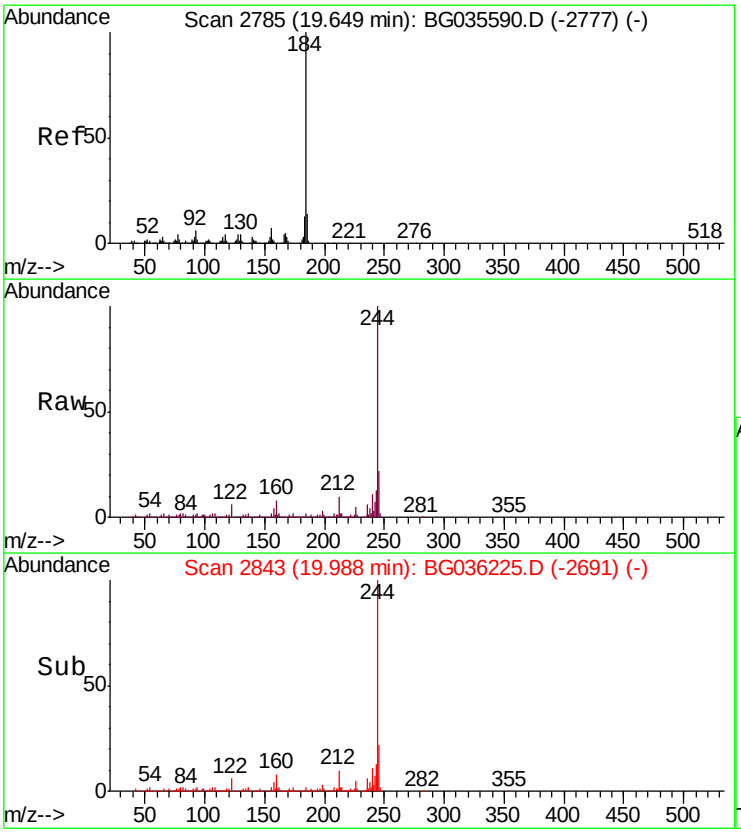
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036225.D
Acq: 9 Aug 2018 9:48

Instrument :
BNA_G
ClientSampleId :
MW-A16

Tgt Ion:240 Resp: 220993

Ion	Ratio	Lower	Upper
240	100		
120	4.6	6.8	10.2#
236	25.5	20.9	31.3

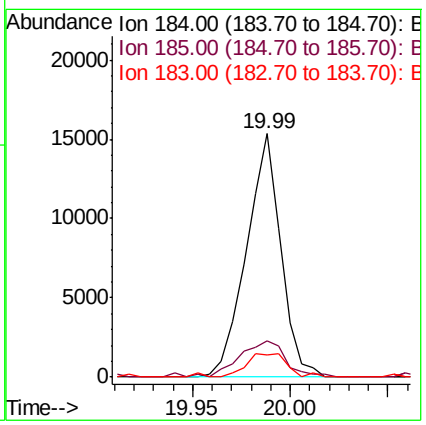


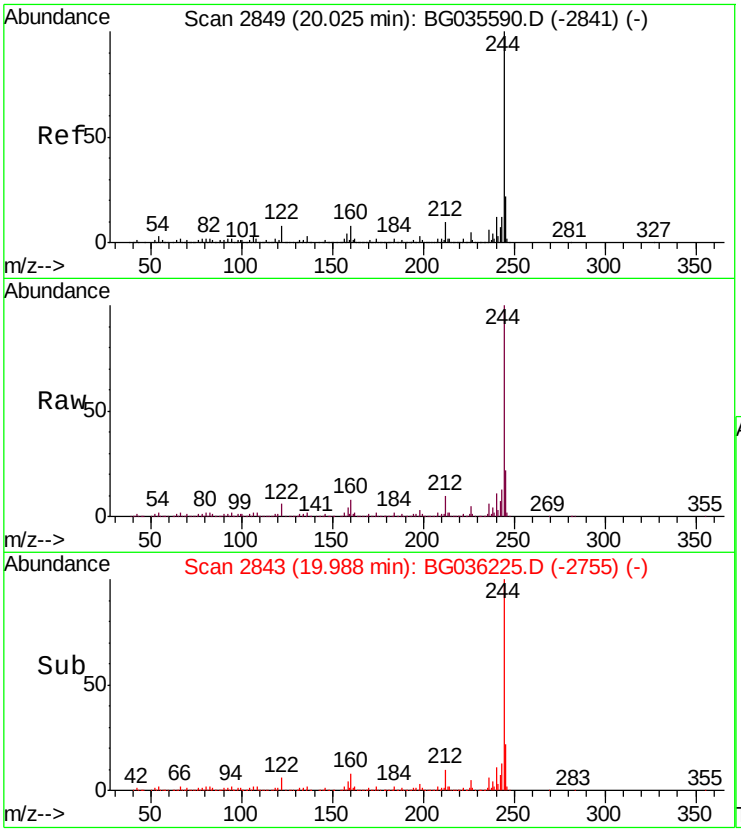


#76
Benzidine
Concen: 3.217 ng
RT: 19.99 min Scan# 2843
Delta R.T. 0.36 min
Lab File: BG036225.D
Acq: 9 Aug 2018 9:48

Tgt Ion:184 Resp: 18693

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.1	16.7
183	9.2	10.6	16.0#



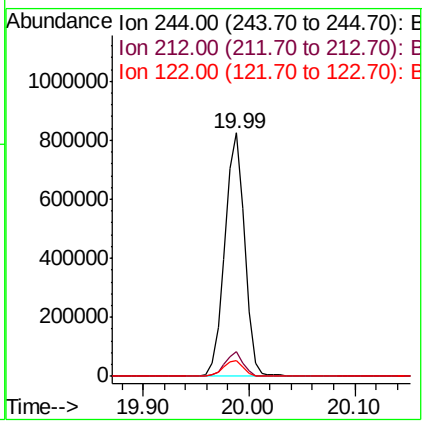


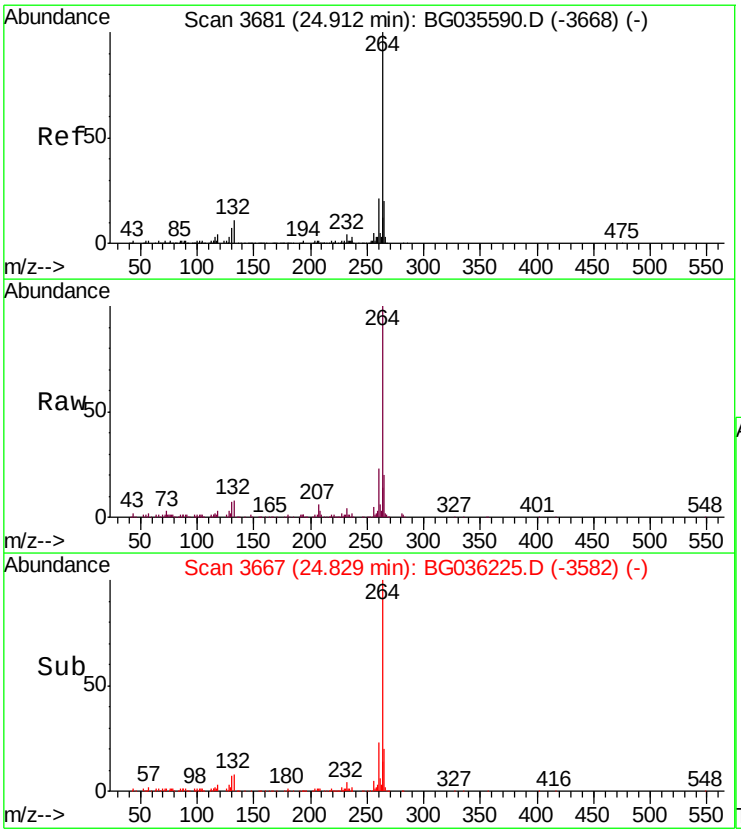
#78
Terphenyl-d14
Concen: 106.235 ng
RT: 19.99 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BG036225.D
Acq: 9 Aug 2018 9:48

Instrument :
BNA_G
ClientSampleId :
MW-A16

Tgt Ion:244 Resp: 1065066

Ion	Ratio	Lower	Upper
244	100		
212	9.9	5.8	8.8#
122	6.3	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: BG036225.D
Acq: 9 Aug 2018 9:48

Tgt Ion:264 Resp: 204185

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	20.5	17.7	26.5