Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
Data File : BG036222.D
Acq On : 9 Aug 2018 7:51
Operator : JU/SJ
Sample : J4328-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-22

Quant Time: Aug 09 09:03:31 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	29580	20.00	ng		-0.01
21) Naphthalene-d8	10.81	136	103613	20.00	ng		-0.02
38) Acenaphthene-d10	14.63	164	77906	20.00	ng		-0.02
63) Phenanthrene-d10	17.37	188	205697	20.00	ng		-0.02
75) Chrysene-d12	21.64	240	228403	20.00	ng		-0.02
86) Perylene-d12	24.83	264	215273	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	94781	53.20	ng		0.00
7) Phenol-d6	7.18	99	82260	30.95	ng		-0.01
23) Nitrobenzene-d5	9.17	82	229922	92.70	ng		-0.02
41) 2,4,6-Tribromophenol	16.12	330	160061	155.88	ng		-0.02
44) 2-Fluorobiphenyl	13.26	172	512025	88.05	ng		-0.02
78) Terphenyl-d14	19.99	244	1006516	97.14	ng		-0.01
Target Compounds							Qvalue
51) Acenaphthene	14.70	154	49990	10.197	ng		91
54) Dibenzofuran	15.03	168	49497	6.348	ng	#	89
57) Fluorene	15.68	166	16232	2.484	ng	#	91

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

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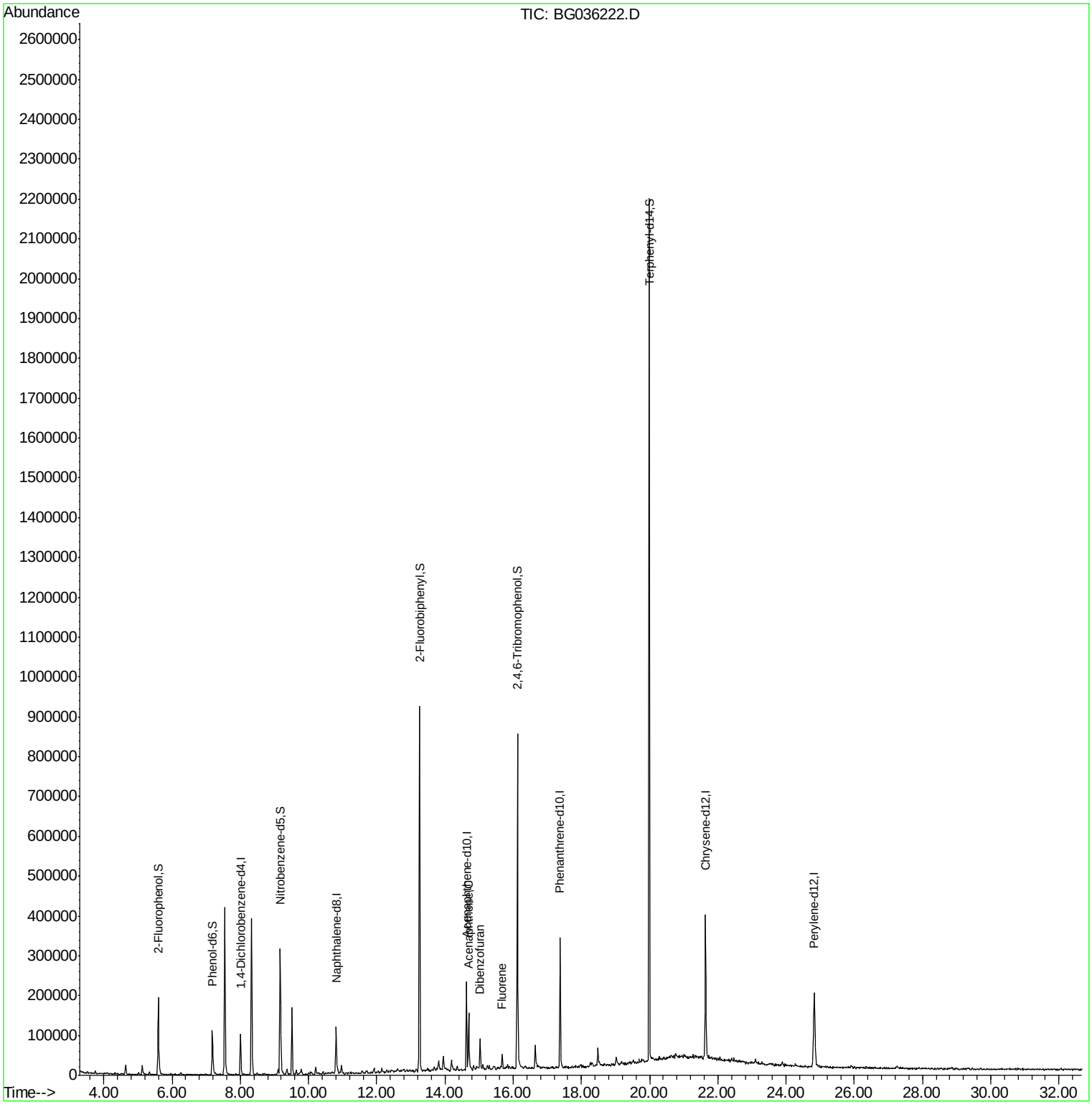
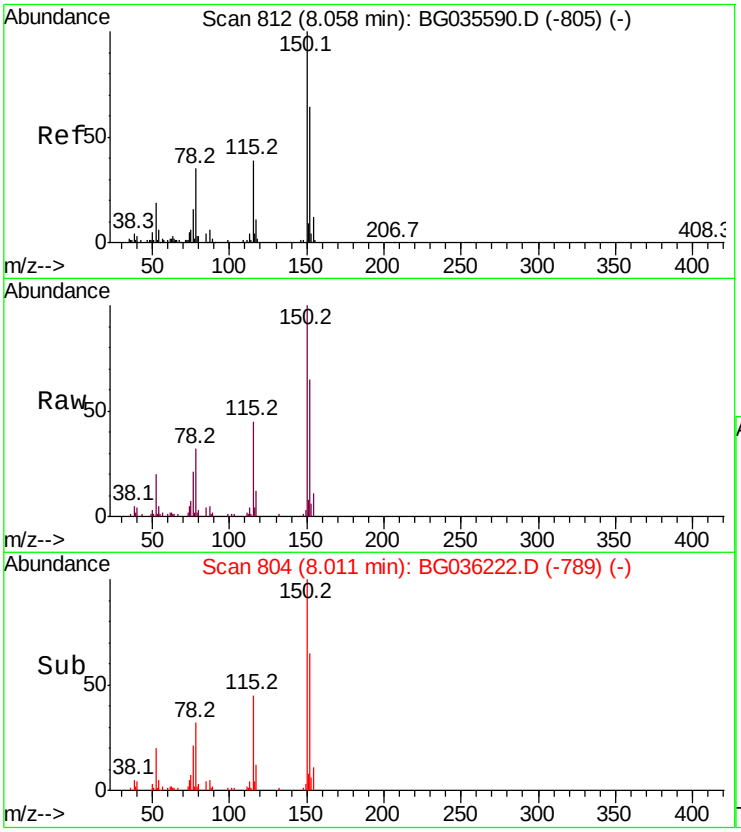


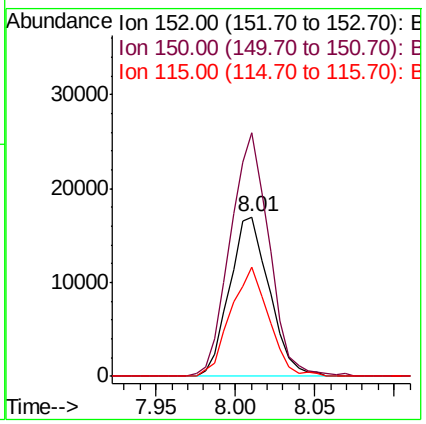


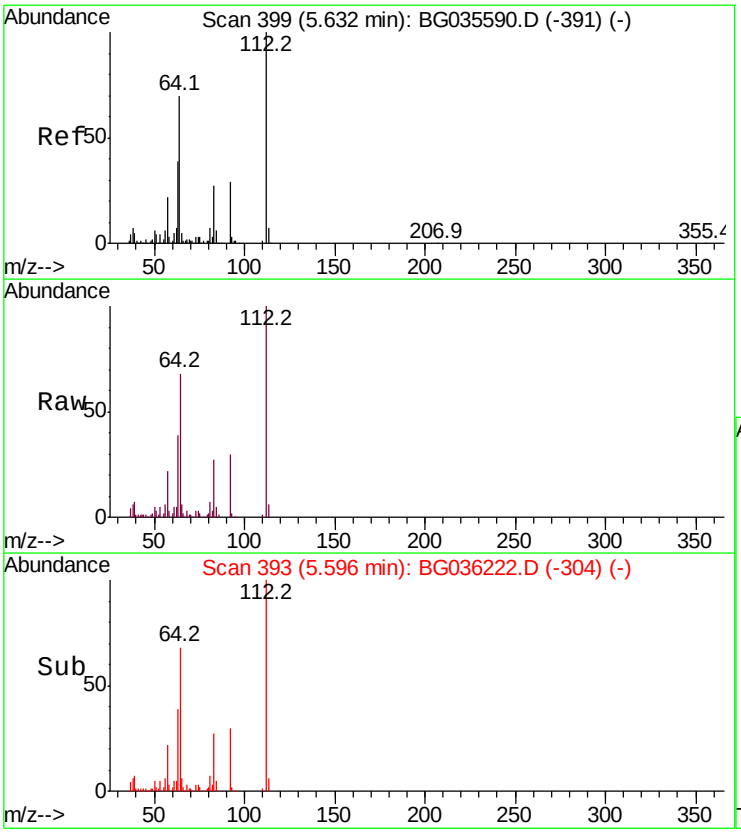
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036222.D
Acq: 9 Aug 2018 7:51

Instrument :
BNA_G
ClientSampleId :
MW-22

Tgt Ion:152 Resp: 29580

Ion	Ratio	Lower	Upper
152	100		
150	152.9	126.6	189.8
115	68.2	53.0	79.4

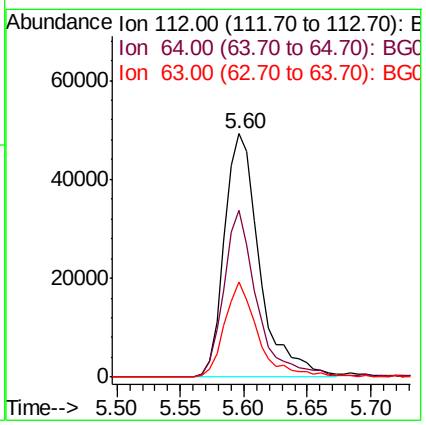


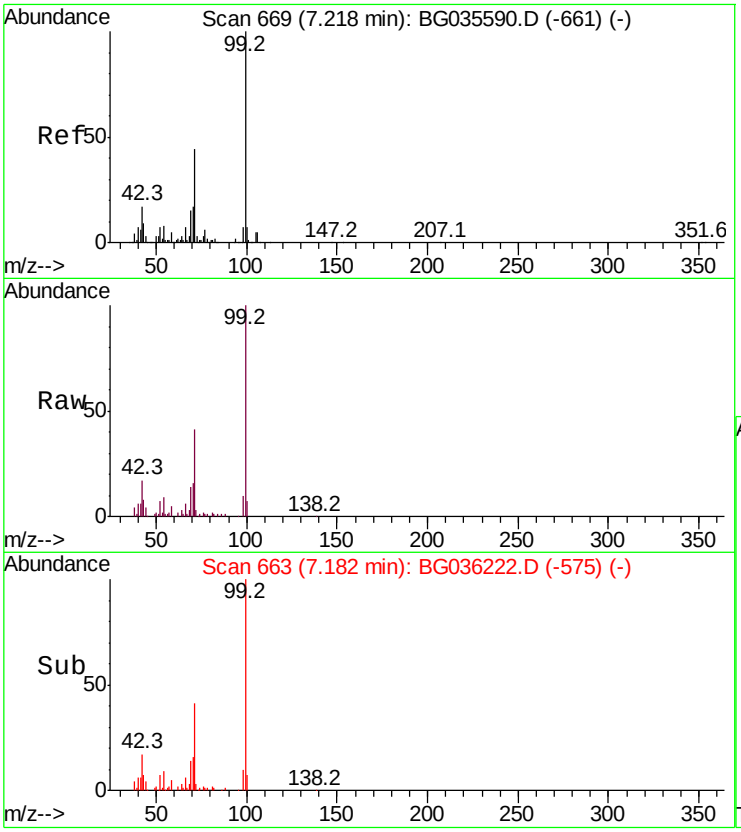


#5
2-Fluorophenol
Concen: 53.198 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036222.D
Acq: 9 Aug 2018 7:51

Tgt Ion:112 Resp: 94781

Ion	Ratio	Lower	Upper
112	100		
64	68.3	56.3	84.5
63	39.0	30.1	45.1



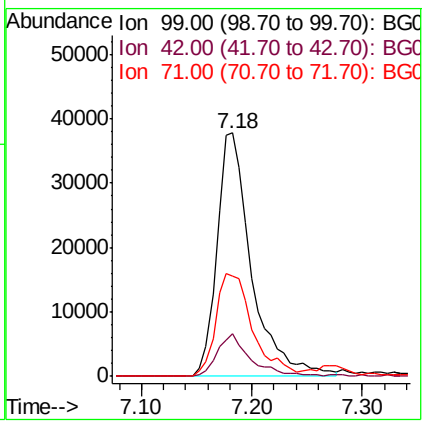


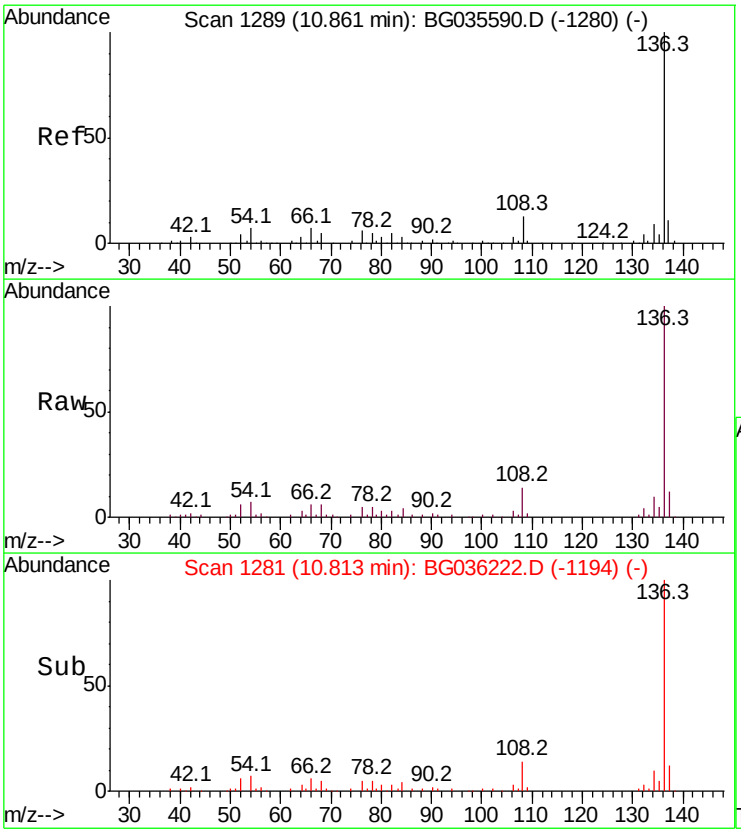
#7
Phenol-d6
Concen: 30.945 ng
RT: 7.18 min Scan# 663
Delta R.T. -0.01 min
Lab File: BG036222.D
Acq: 9 Aug 2018 7:51

Instrument :
BNA_G
ClientSampleId :
MW-22

Tgt Ion: 99 Resp: 82260

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.1	21.1
71	41.0	26.1	39.1#

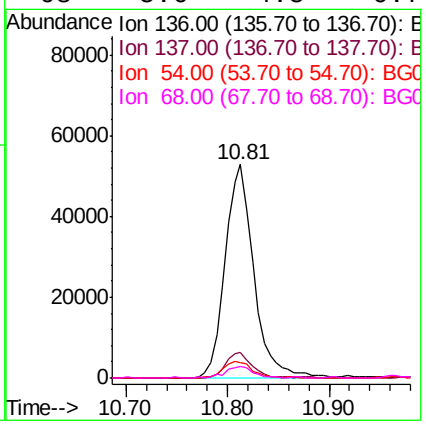


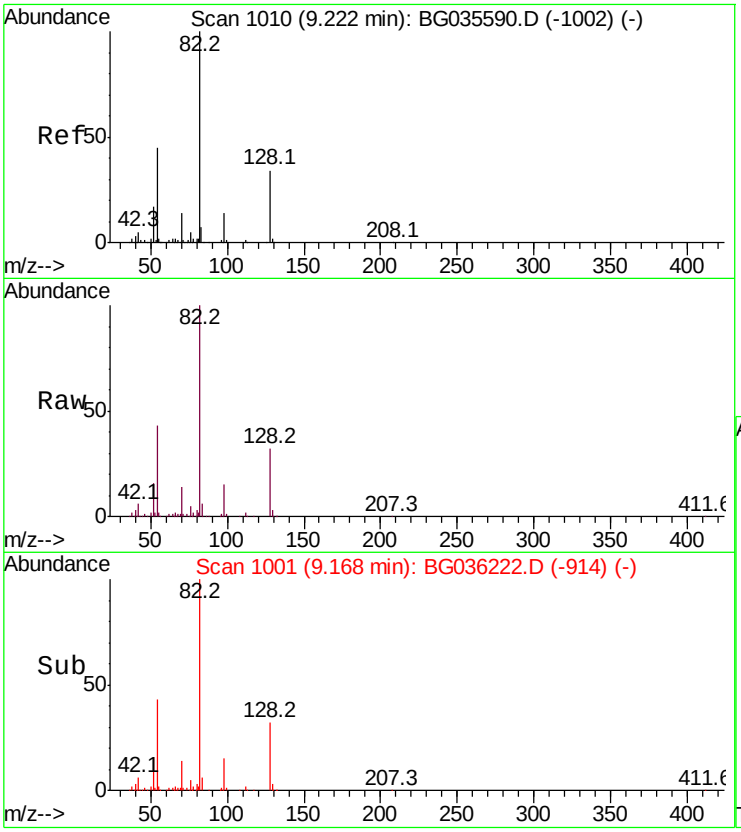


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036222.D
Acq: 9 Aug 2018 7:51

Tgt Ion:136 Resp: 103613

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.2	13.8
54	7.5	10.3	15.5#
68	5.6	4.5	6.7



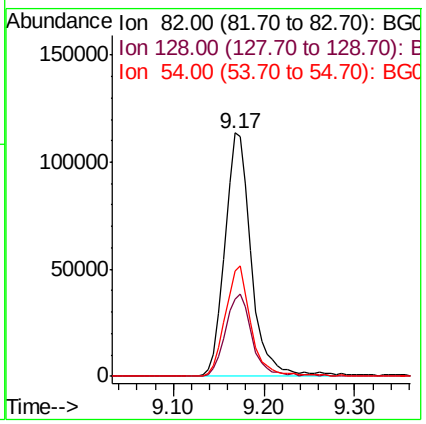


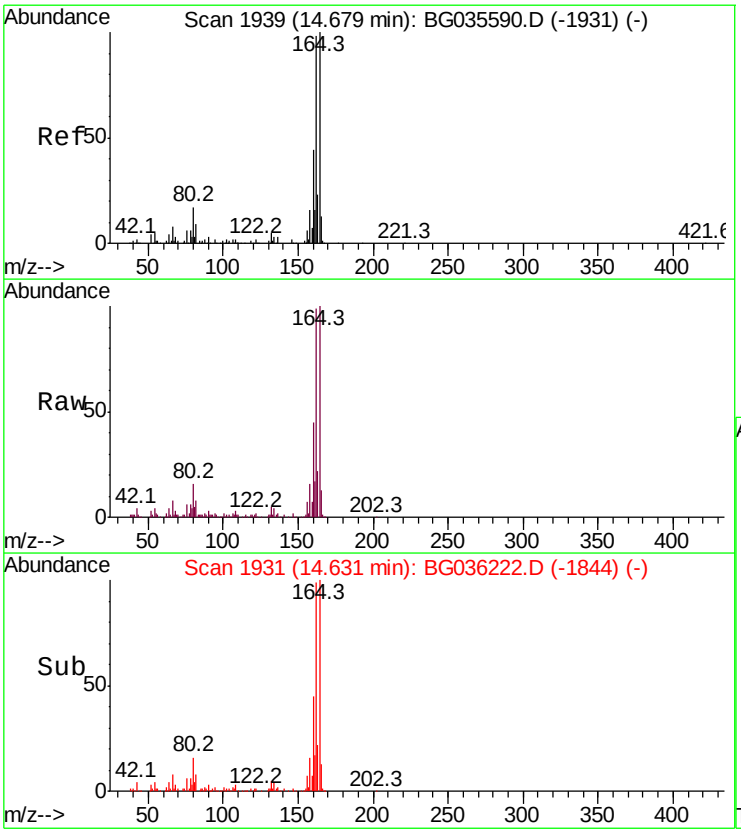
#23
Nitrobenzene-d5
Concen: 92.700 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036222.D
Acq: 9 Aug 2018 7:51

Instrument :
BNA_G
ClientSampleId :
MW-22

Tgt Ion: 82 Resp: 229922

Ion	Ratio	Lower	Upper
82	100		
128	31.7	29.7	44.5
54	43.4	43.1	64.7

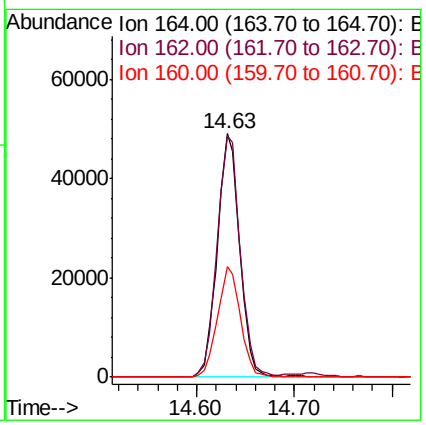


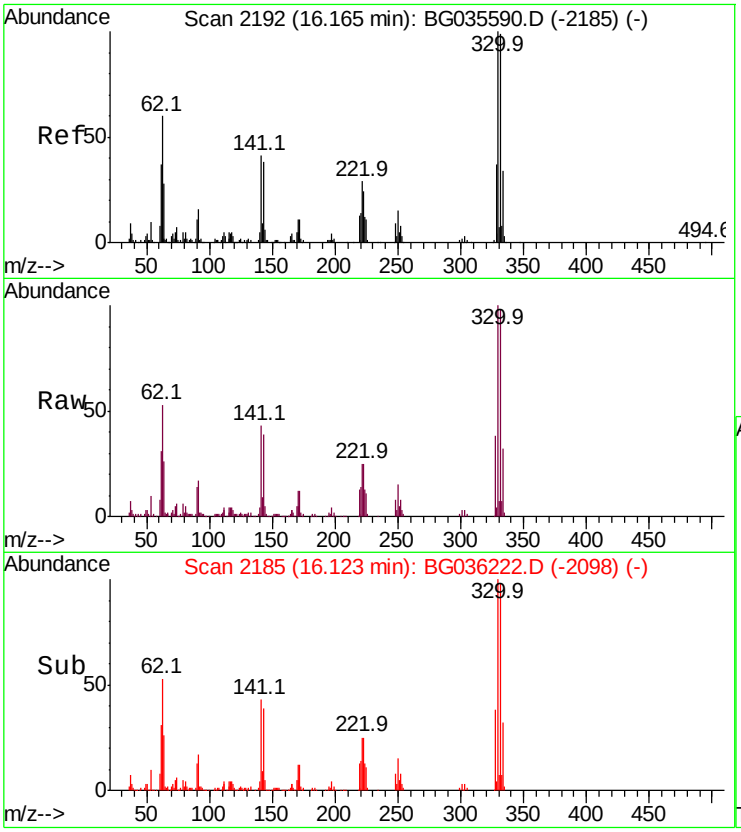


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036222.D
Acq: 9 Aug 2018 7:51

Tgt Ion:164 Resp: 77906

Ion	Ratio	Lower	Upper
164	100		
162	98.9	78.8	118.2
160	45.2	35.4	53.0



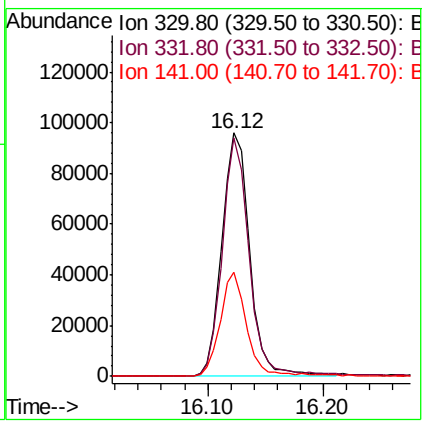


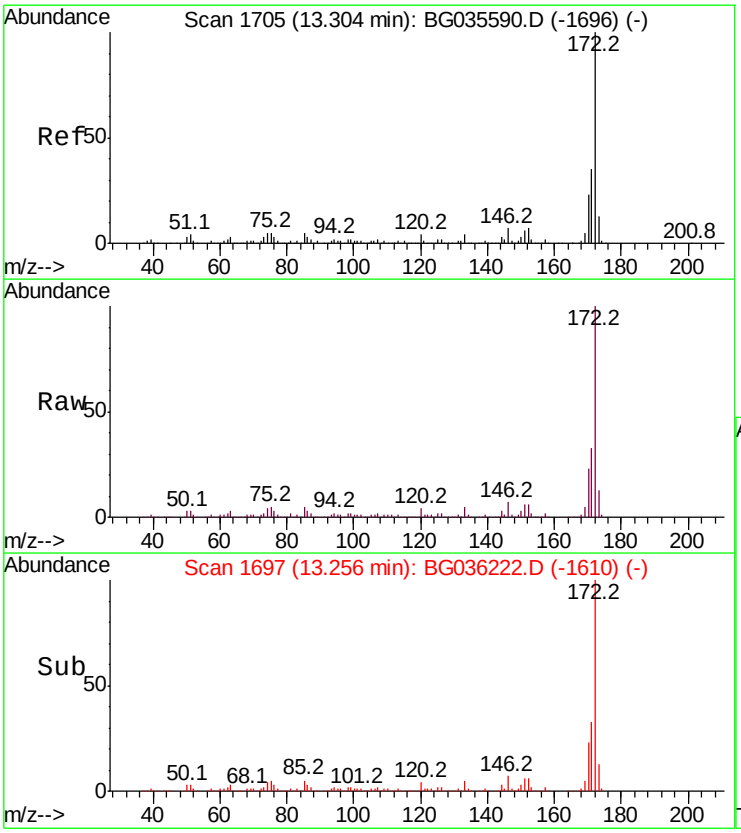
#41
2,4,6-Tribromophenol
Concen: 155.876 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BG036222.D
Acq: 9 Aug 2018 7:51

Instrument :
BNA_G
ClientSampleId :
MW-22

Tgt Ion:330 Resp: 160061

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	41.4	25.2	37.8#

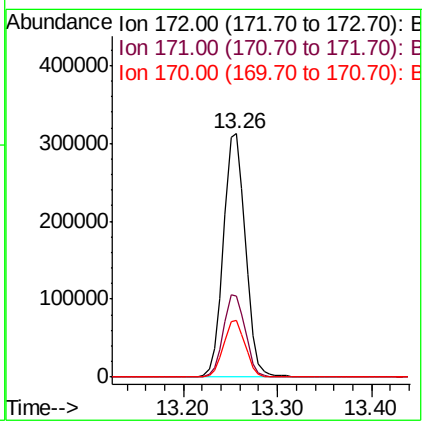


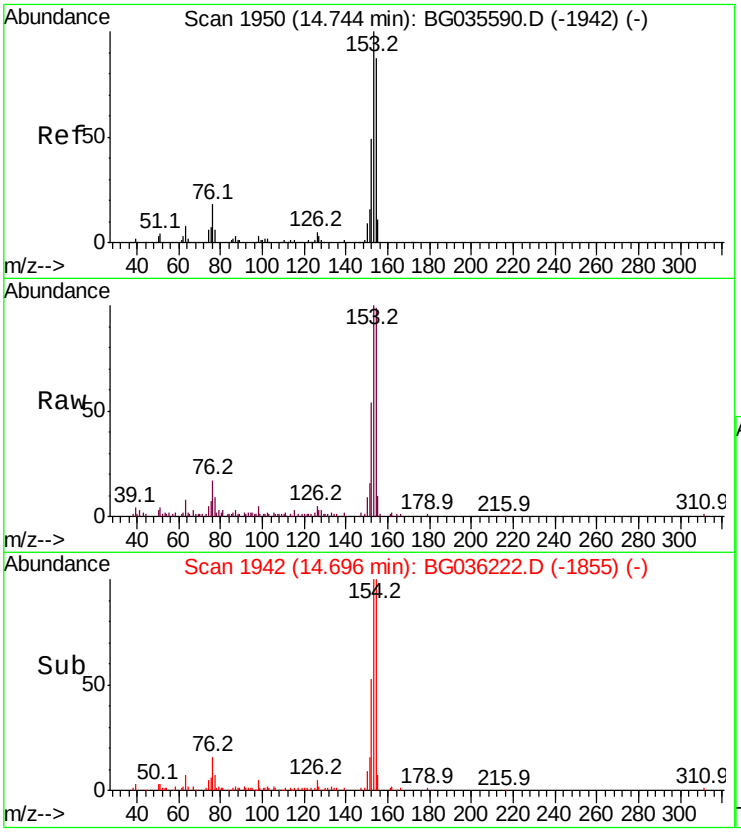


#44
2-Fluorobiphenyl
Concen: 88.052 ng
RT: 13.26 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG036222.D
Acq: 9 Aug 2018 7:51

Tgt Ion:172 Resp: 512025

Ion	Ratio	Lower	Upper
172	100		
171	33.5	30.0	45.0
170	23.2	19.5	29.3



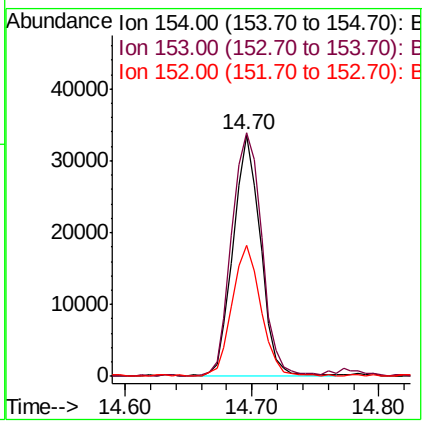


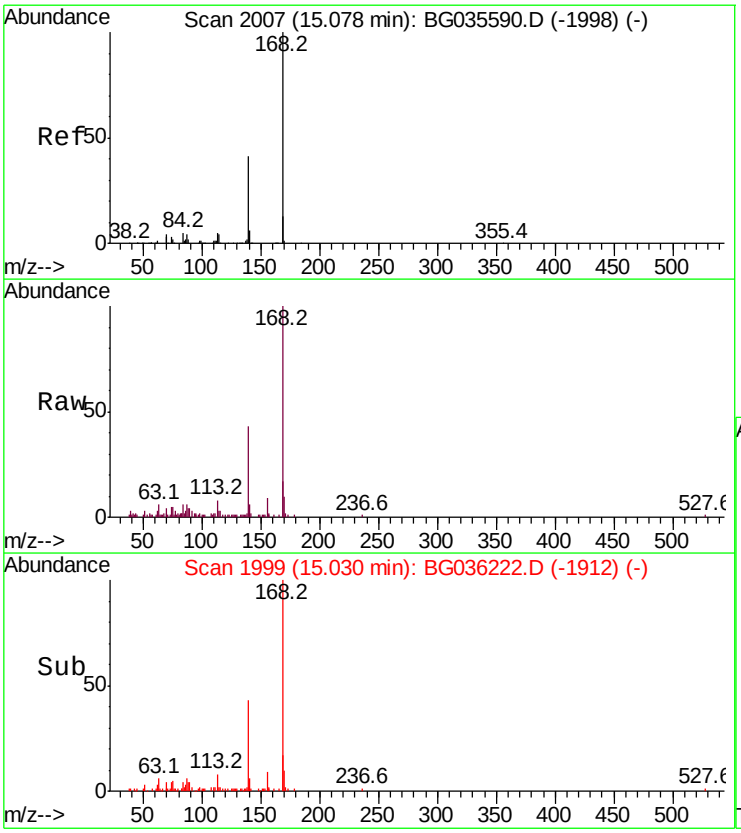
#51
Acenaphthene
Concen: 10.197 ng
RT: 14.70 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BG036222.D
Acq: 9 Aug 2018 7:51

Instrument :
BNA_G
ClientSampleId :
MW-22

Tgt Ion:154 Resp: 49990

Ion	Ratio	Lower	Upper
154	100		
153	101.0	90.4	135.6
152	54.4	41.6	62.4

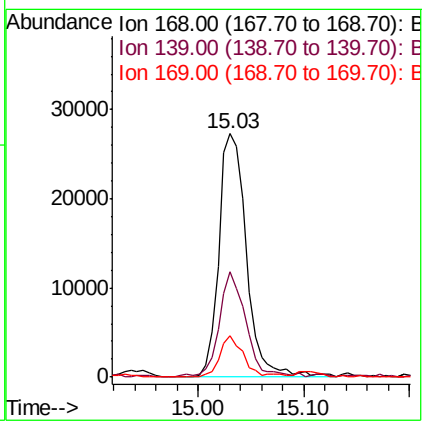


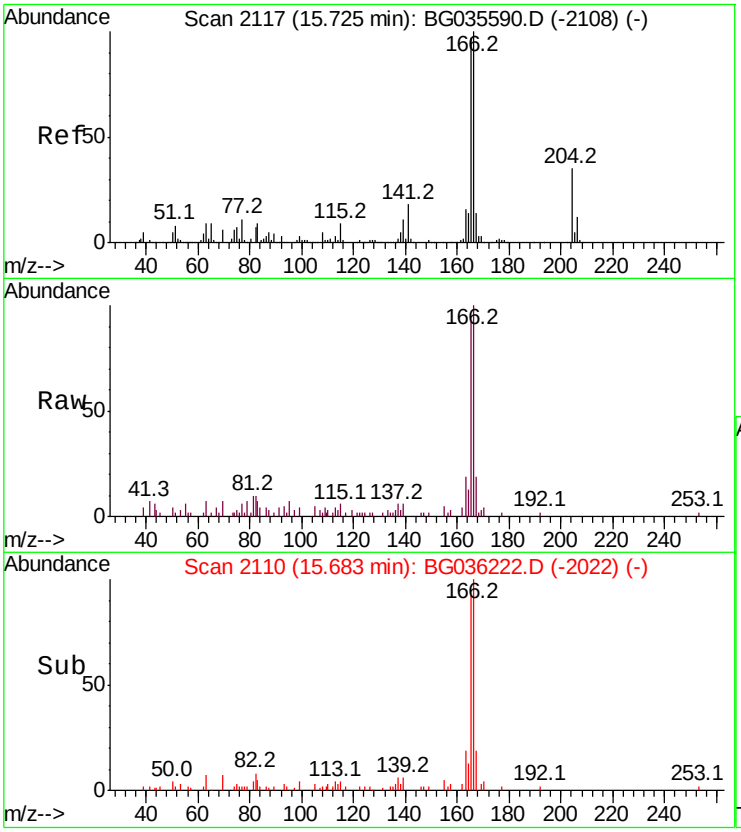


#54
Dibenzofuran
Concen: 6.348 ng
RT: 15.03 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BG036222.D
Acq: 9 Aug 2018 7:51

Tgt Ion:168 Resp: 49497

Ion	Ratio	Lower	Upper
168	100		
139	43.3	28.6	43.0#
169	16.8	11.2	16.8#



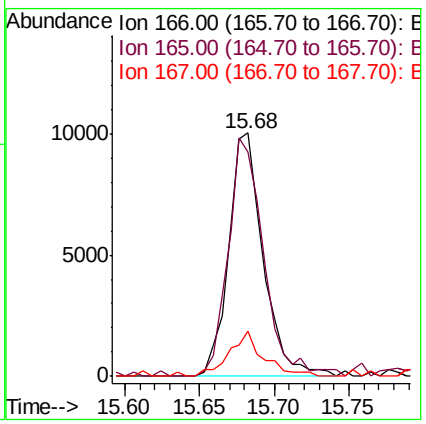


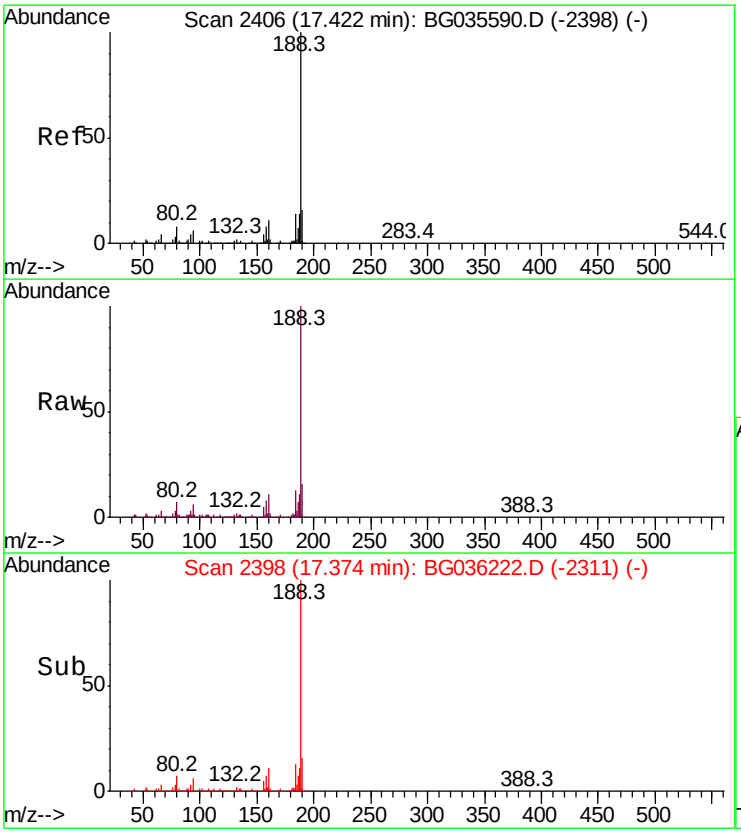
#57
Fluorene
Concen: 2.484 ng
RT: 15.68 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG036222.D
Acq: 9 Aug 2018 7:51

Instrument :
BNA_G
ClientSampleId :
MW-22

Tgt Ion:166 Resp: 16232

Ion	Ratio	Lower	Upper
166	100		
165	92.0	80.6	121.0
167	18.8	10.4	15.6#

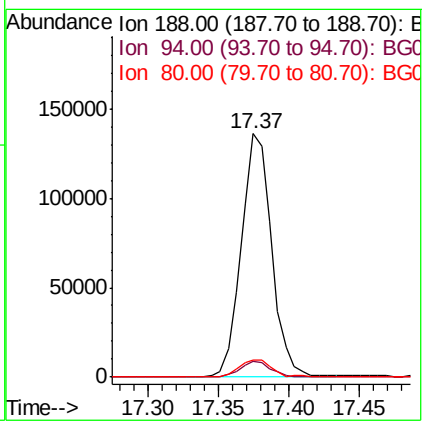


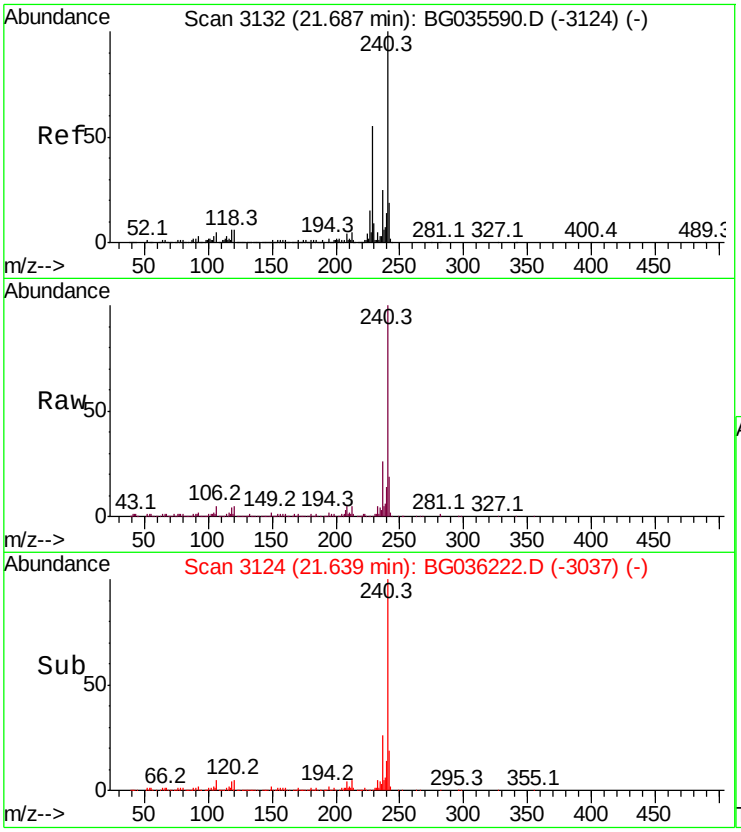


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2398
Delta R.T. -0.02 min
Lab File: BG036222.D
Acq: 9 Aug 2018 7:51

Tgt Ion:188 Resp: 205697

Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.9	10.3#
80	7.0	7.7	11.5#



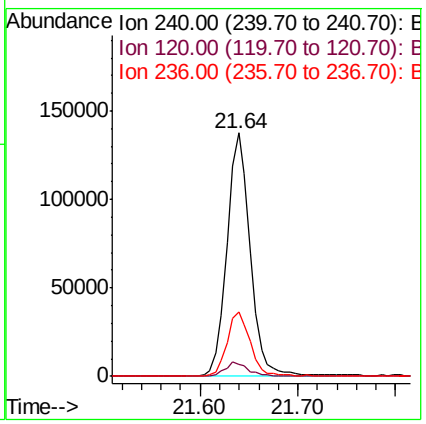


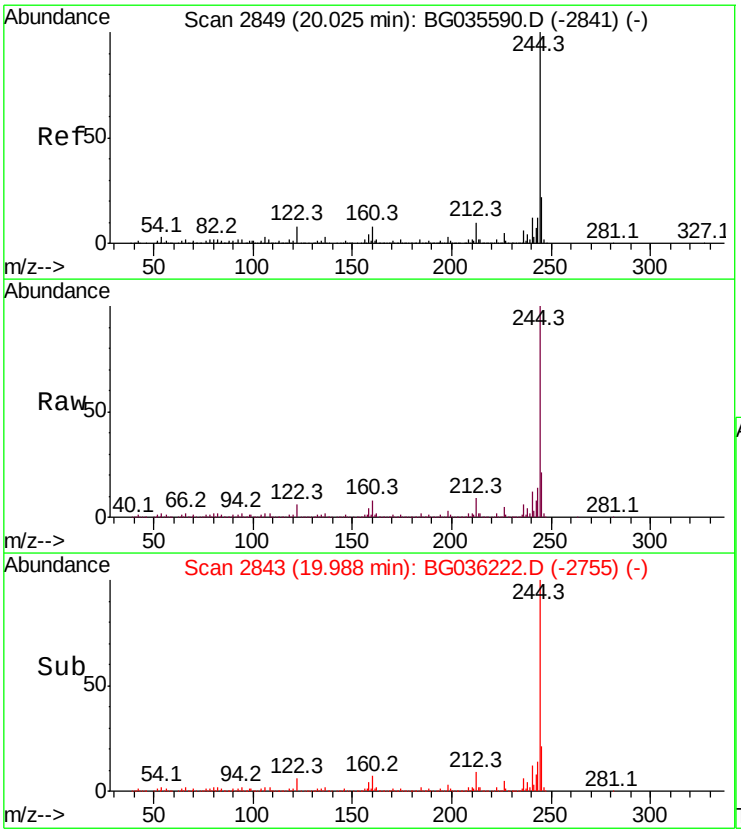
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036222.D
Acq: 9 Aug 2018 7:51

Instrument :
BNA_G
ClientSampleId :
MW-22

Tgt Ion:240 Resp: 228403

Ion	Ratio	Lower	Upper
240	100		
120	5.1	6.8	10.2#
236	26.4	20.9	31.3

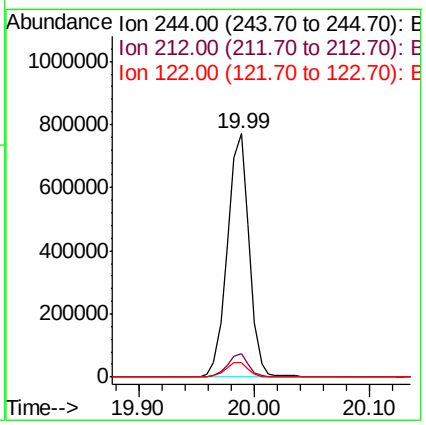


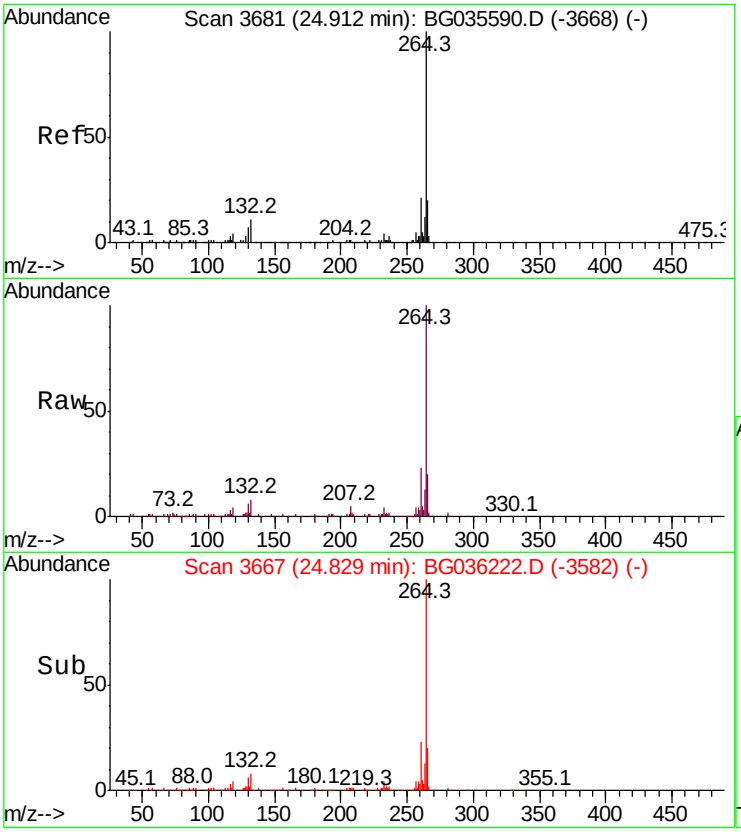


#78
Terphenyl-d14
Concen: 97.138 ng
RT: 19.99 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BG036222.D
Acq: 9 Aug 2018 7:51

Tgt Ion:244 Resp: 1006516

Ion	Ratio	Lower	Upper
244	100		
212	9.5	5.8	8.8#
122	6.2	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: BG036222.D
Acq: 9 Aug 2018 7:51

Instrument :
BNA_G
ClientSampleId :
MW-22

Tgt Ion:264 Resp: 215273

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	20.3	17.7	26.5