Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020107.D
Acq On : 11 Dec 2015 15:17
Operator : UM/SJ
Sample : G4676-16DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-14DL

Quant Time: Dec 11 23:37:33 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	21002	20.00	ng	-0.04
21) Naphthalene-d8	10.92	136	90665	20.00	ng	-0.03
38) Acenaphthene-d10	14.73	164	63917	20.00	ng	-0.04
63) Phenanthrene-d10	17.47	188	173175	20.00	ng	-0.04
75) Chrysene-d12	21.74	240	207593	20.00	ng	-0.05
86) Perylene-d12	25.02	264	196930	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	9878	8.50	ng	-0.02
7) Phenol-d6	7.25	99	9535	5.43	ng	-0.02
23) Nitrobenzene-d5	9.26	82	23769	13.38	ng	-0.04
41) 2,4,6-Tribromophenol	16.21	330	21324	21.80	ng	-0.04
44) 2-Fluorobiphenyl	13.35	172	63654	13.60	ng	-0.04
78) Terphenyl-d14	20.07	244	130173	15.29	ng	-0.04
Target Compounds						Qvalue
31) Naphthalene	10.99	128	2096551	431.65	ng	# 90
37) 2-Methylnaphthalene	12.57	142	135153	37.97	ng	97
45) 1,1'-Biphenyl	13.57	154	18800	3.58	ng	98
48) Acenaphthylene	14.45	152	172124	24.99	ng	99
57) Fluorene	15.77	166	12267	2.20	ng	97
70) Phenanthrene	17.51	178	37338	3.81	ng	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020107.D
Acq On : 11 Dec 2015 15:17
Operator : UM/SJ
Sample : G4676-16DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-14DL

Quant Time: Dec 11 23:37:33 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
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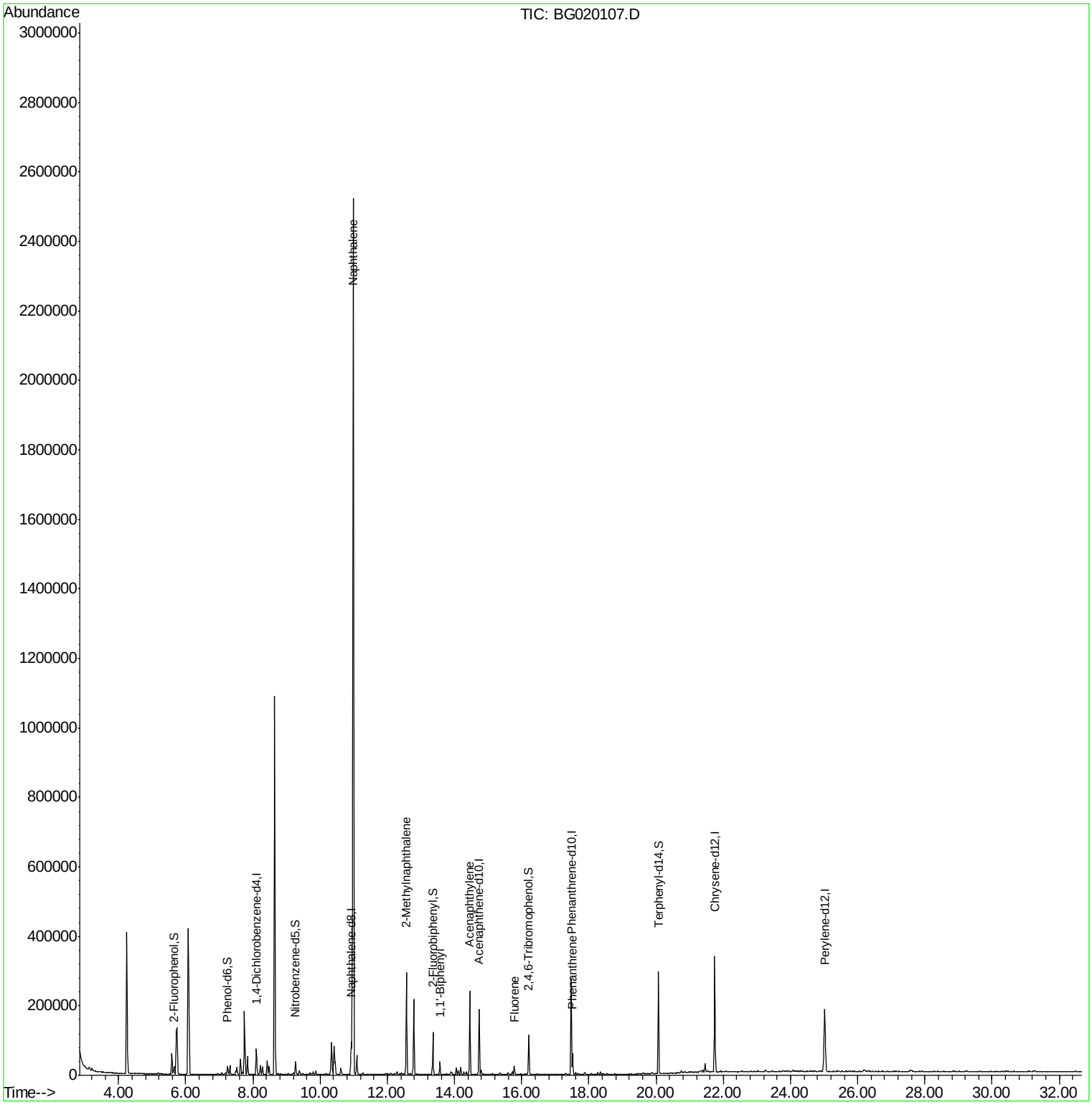
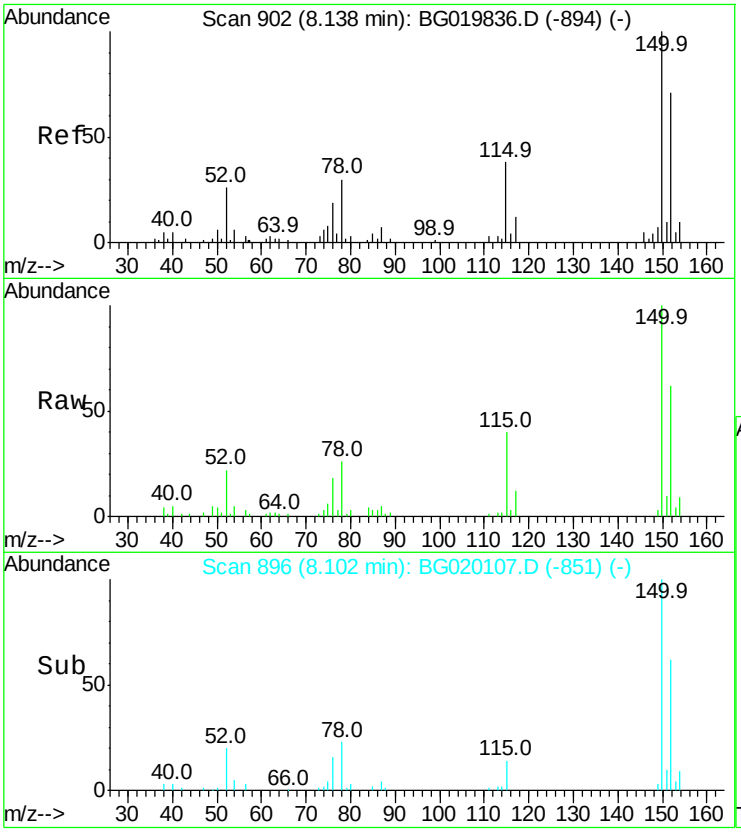


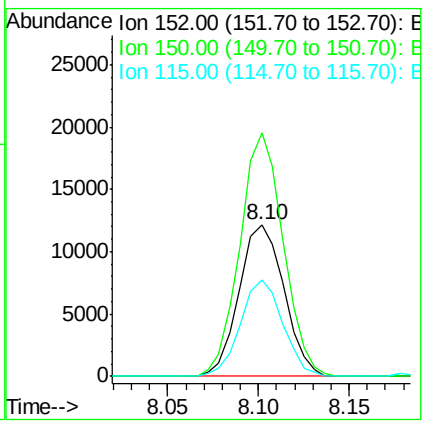


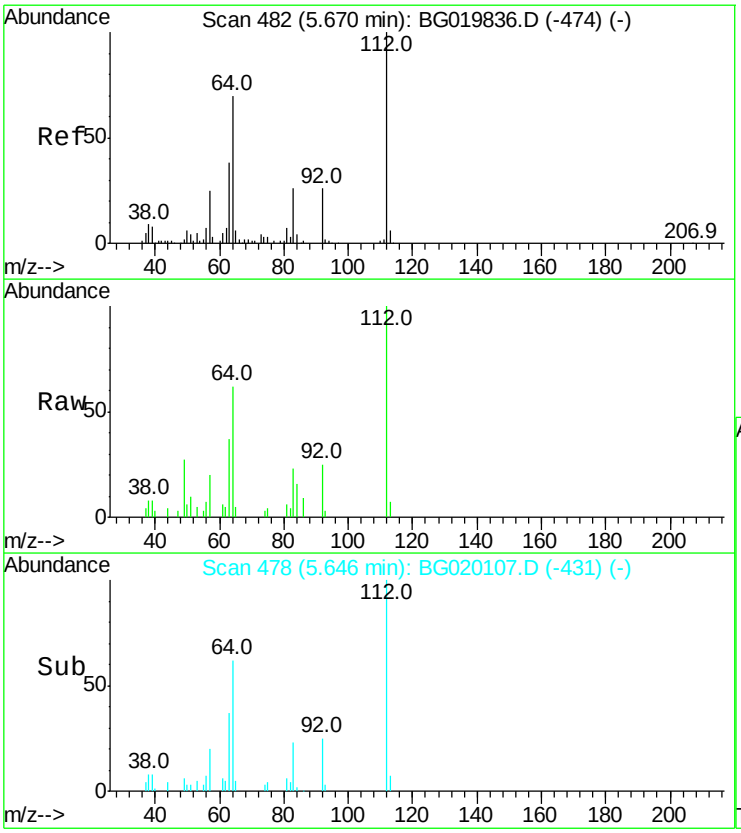
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.10 min Scan# 896
Delta R.T. -0.04 min
Lab File: BG020107.D
Acq: 11 Dec 2015 15:17

Instrument :
BNA_G
ClientSampleId :
MW-14DL

Tgt Ion:152 Resp: 21002

Ion	Ratio	Lower	Upper
152	100		
150	160.1	115.0	172.4
115	63.5	43.9	65.9

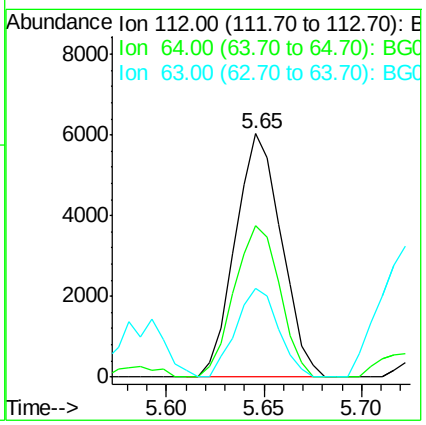


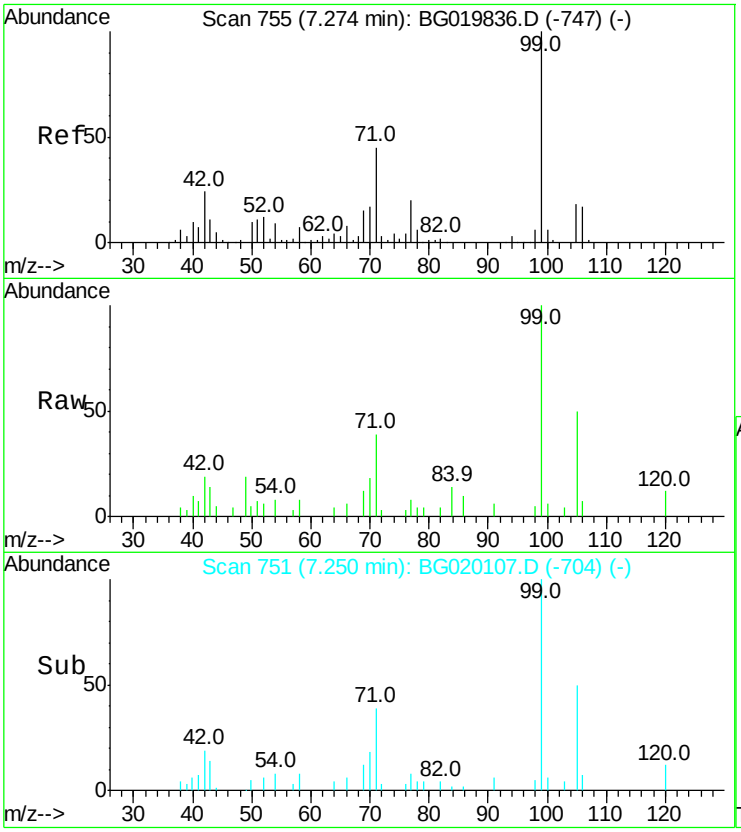


#5
2-Fluorophenol
Concen: 8.50 ng
RT: 5.65 min Scan# 478
Delta R.T. -0.02 min
Lab File: BG020107.D
Acq: 11 Dec 2015 15:17

Tgt Ion:112 Resp: 9878

Ion	Ratio	Lower	Upper
112	100		
64	62.3	43.7	65.5
63	36.5	24.0	36.0#



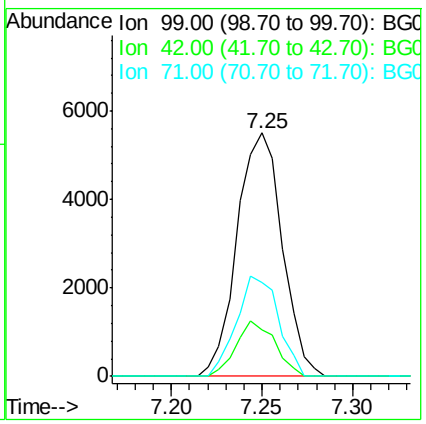


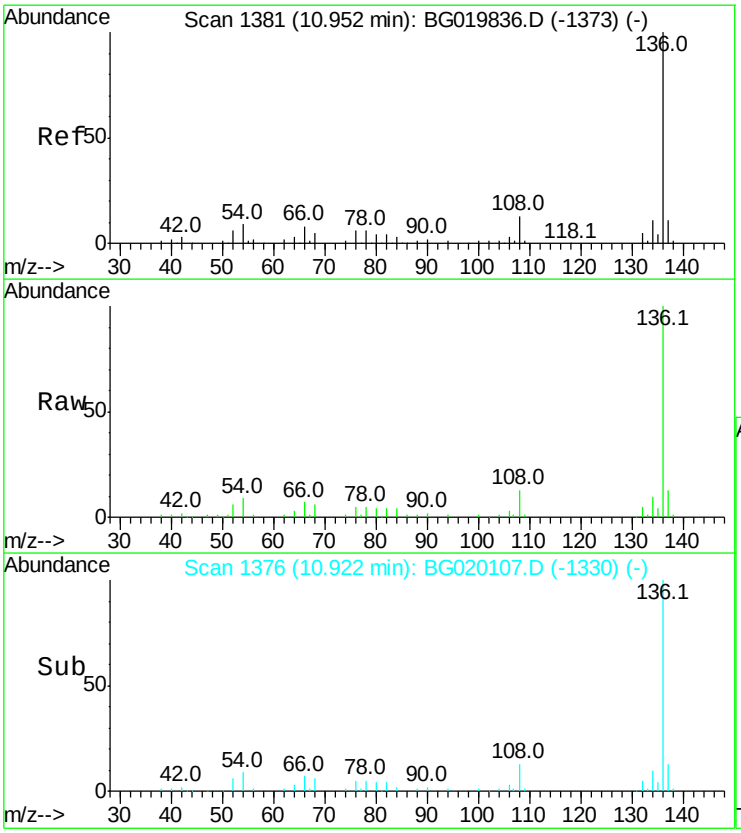
#7
Phenol-d6
Concen: 5.43 ng
RT: 7.25 min Scan# 751
Delta R.T. -0.02 min
Lab File: BG020107.D
Acq: 11 Dec 2015 15:17

Instrument :
BNA_G
ClientSampleId :
MW-14DL

Tgt Ion: 99 Resp: 9535

Ion	Ratio	Lower	Upper
99	100		
42	19.2	11.5	17.3#
71	38.5	22.6	34.0#

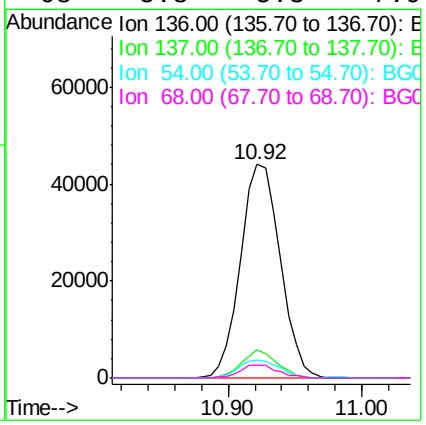


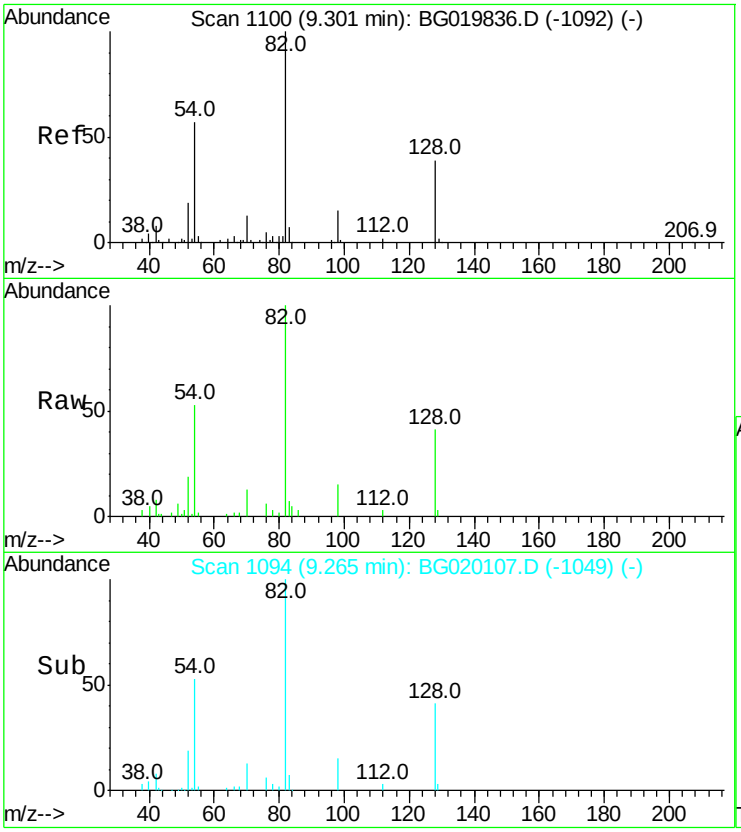


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1376
Delta R.T. -0.03 min
Lab File: BG020107.D
Acq: 11 Dec 2015 15:17

Tgt Ion:136 Resp: 90665

Ion	Ratio	Lower	Upper
136	100		
137	13.4	8.6	12.8#
54	8.5	5.4	8.2#
68	5.8	5.3	7.9



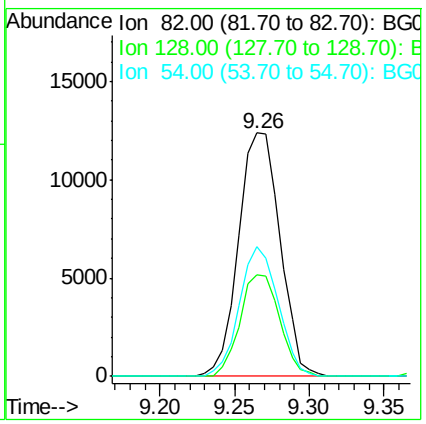


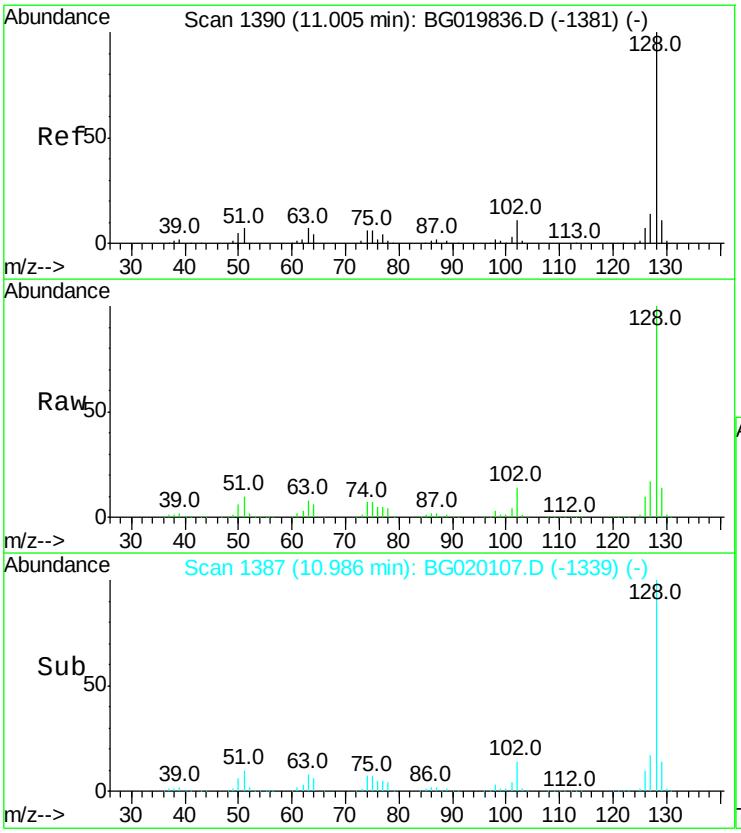
#23
Nitrobenzene-d5
Concen: 13.38 ng
RT: 9.26 min Scan# 1094
Delta R.T. -0.04 min
Lab File: BG020107.D
Acq: 11 Dec 2015 15:17

Instrument :
BNA_G
ClientSampleId :
MW-14DL

Tgt Ion: 82 Resp: 23769

Ion	Ratio	Lower	Upper
82	100		
128	41.5	36.7	55.1
54	53.3	33.8	50.8#

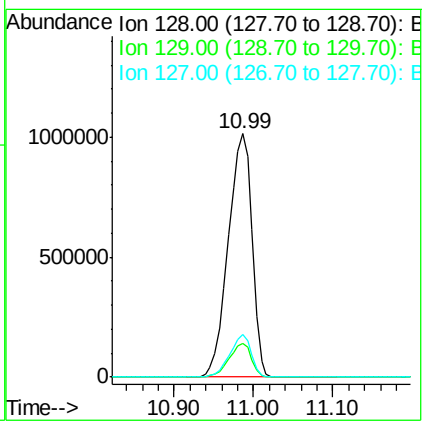


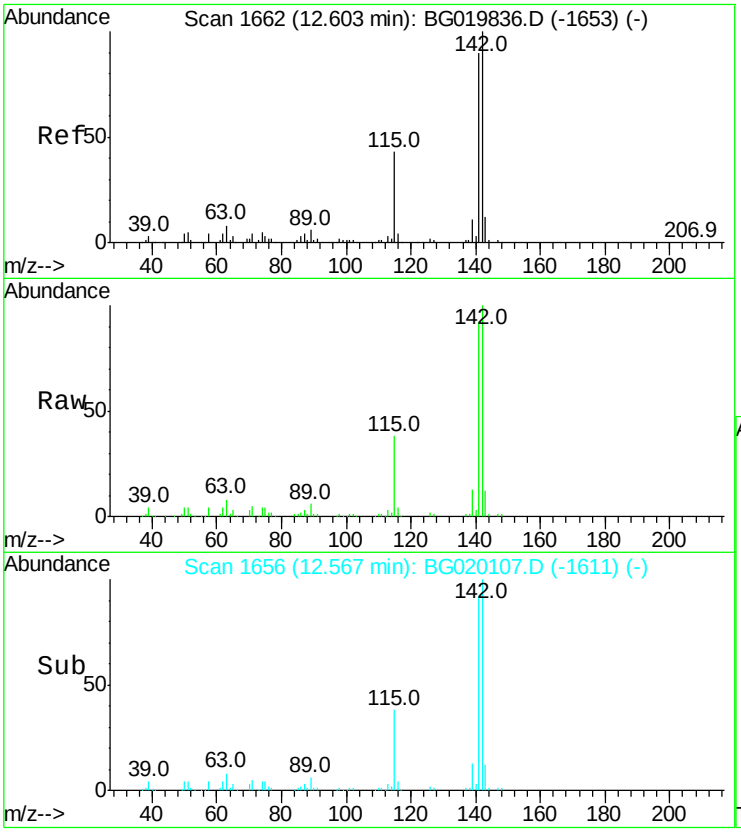


#31
Naphthalene
Concen: 431.65 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.02 min
Lab File: BG020107.D
Acq: 11 Dec 2015 15:17

Tgt Ion:128 Resp: 2096551

Ion	Ratio	Lower	Upper
128	100		
129	14.1	8.5	12.7#
127	17.5	10.6	16.0#



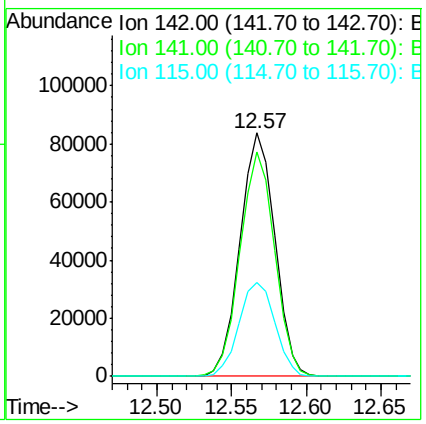


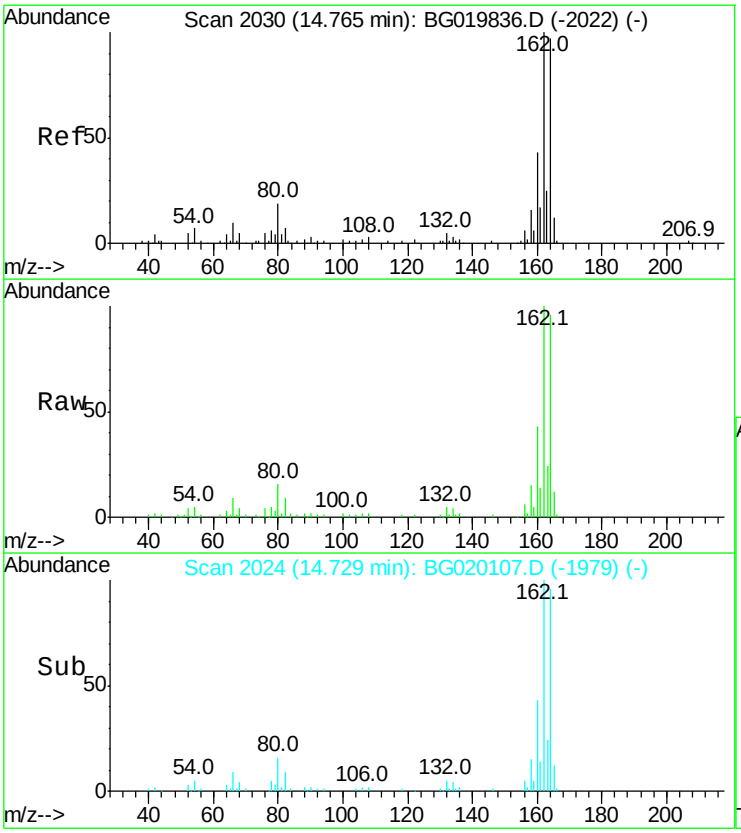
#37
2-Methylnaphthalene
Concen: 37.97 ng
RT: 12.57 min Scan# 1656
Delta R.T. -0.04 min
Lab File: BG020107.D
Acq: 11 Dec 2015 15:17

Instrument :
BNA_G
ClientSampleId :
MW-14DL

Tgt Ion:142 Resp: 135153

Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.6	112.0
115	38.5	27.4	41.0

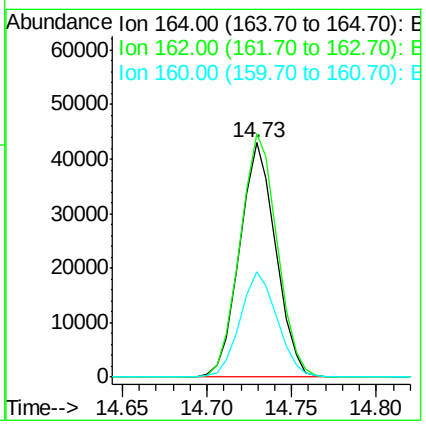


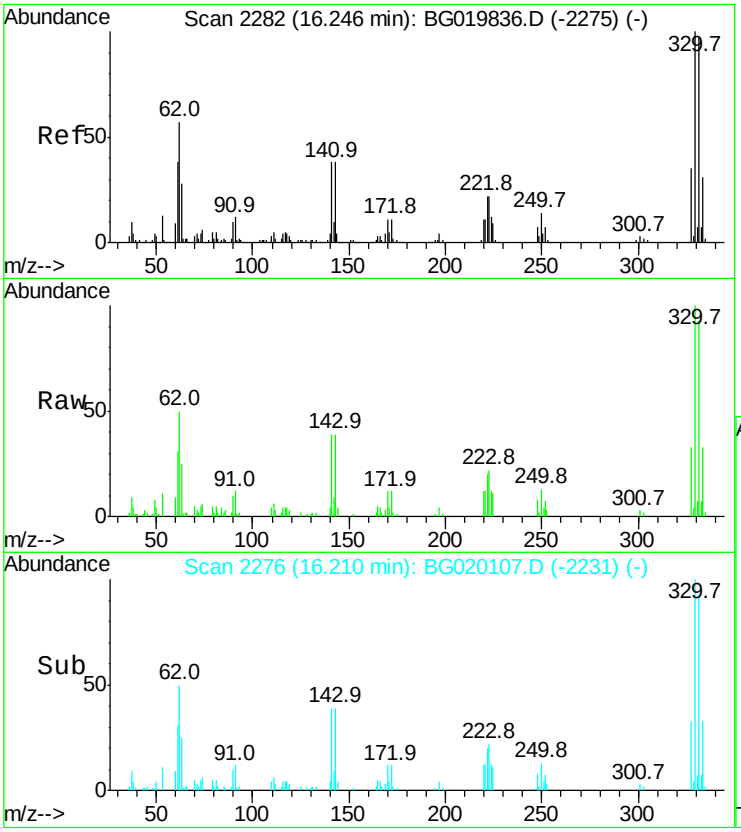


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2024
Delta R.T. -0.04 min
Lab File: BG020107.D
Acq: 11 Dec 2015 15:17

Tgt Ion:164 Resp: 63917

Ion	Ratio	Lower	Upper
164	100		
162	103.9	78.8	118.2
160	45.0	36.4	54.6



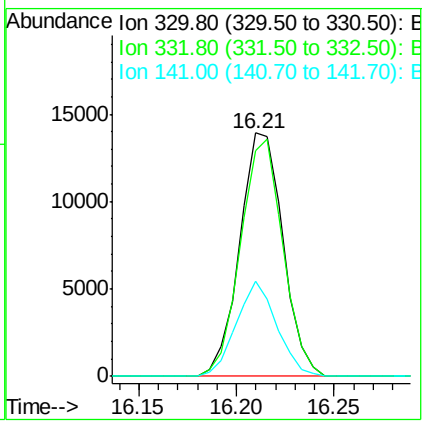


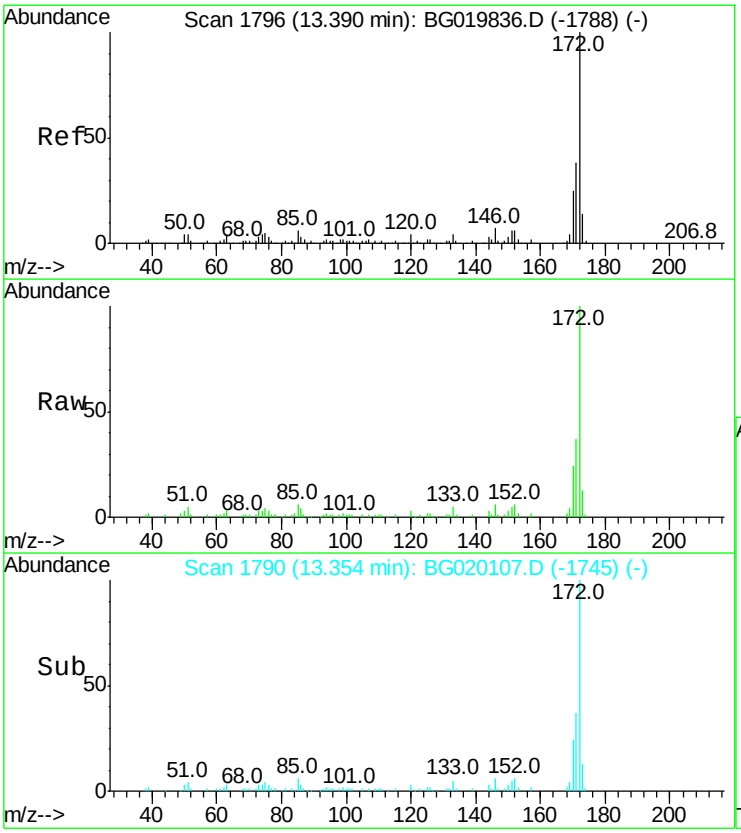
#41
2,4,6-Tribromophenol
Concen: 21.80 ng
RT: 16.21 min Scan# 2276
Delta R.T. -0.04 min
Lab File: BG020107.D
Acq: 11 Dec 2015 15:17

Instrument :
BNA_G
ClientSampleId :
MW-14DL

Tgt Ion:330 Resp: 21324

Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.1	117.1
141	36.6	28.2	42.2

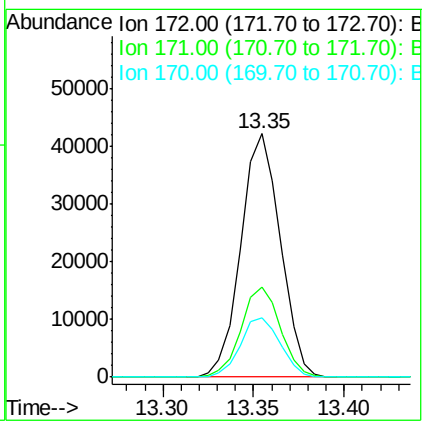


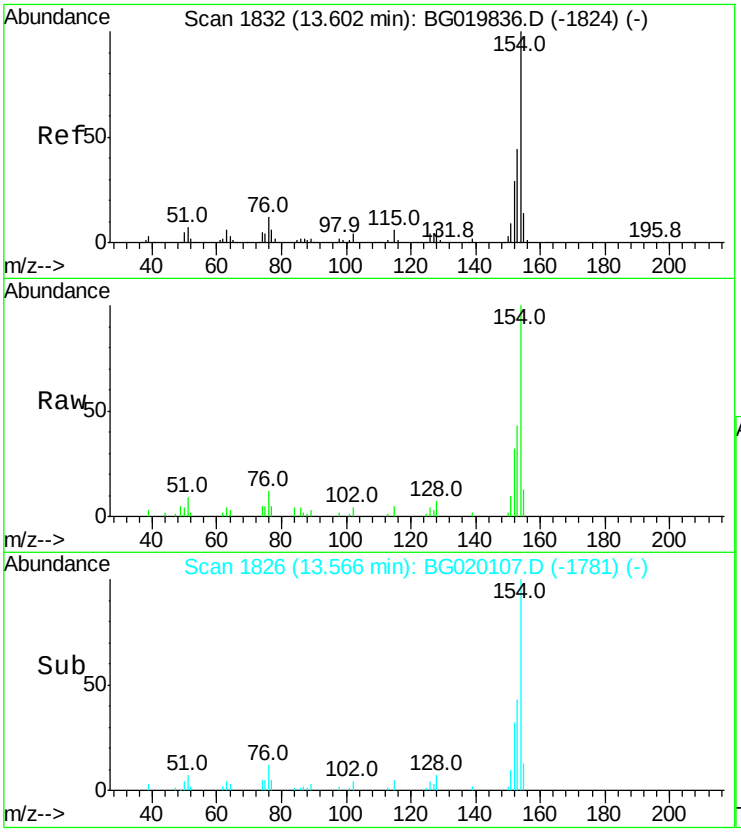


#44
2-Fluorobiphenyl
Concen: 13.60 ng
RT: 13.35 min Scan# 1790
Delta R.T. -0.04 min
Lab File: BG020107.D
Acq: 11 Dec 2015 15:17

Tgt Ion:172 Resp: 63654

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.6
170	24.4	19.9	29.9



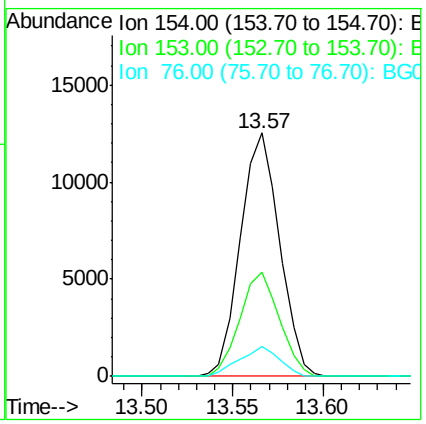


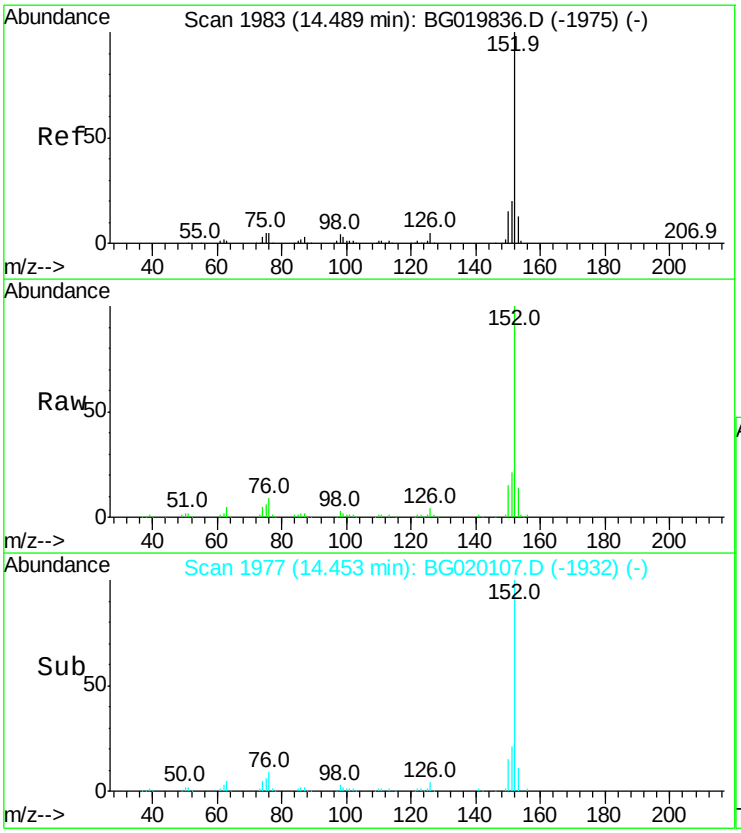
#45
1,1'-Biphenyl
Concen: 3.58 ng
RT: 13.57 min Scan# 1826
Delta R.T. -0.04 min
Lab File: BG020107.D
Acq: 11 Dec 2015 15:17

Instrument :
BNA_G
ClientSampleId :
MW-14DL

Tgt Ion:154 Resp: 18800

Ion	Ratio	Lower	Upper
154	100		
153	42.7	21.9	61.9
76	12.1	0.0	33.2

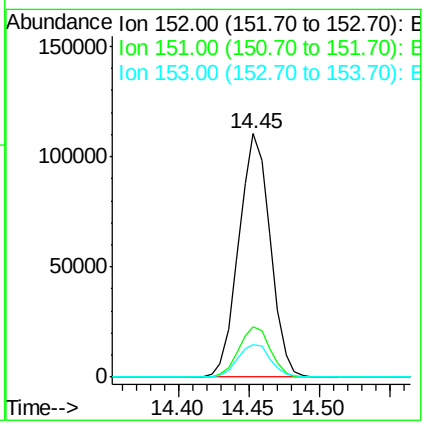


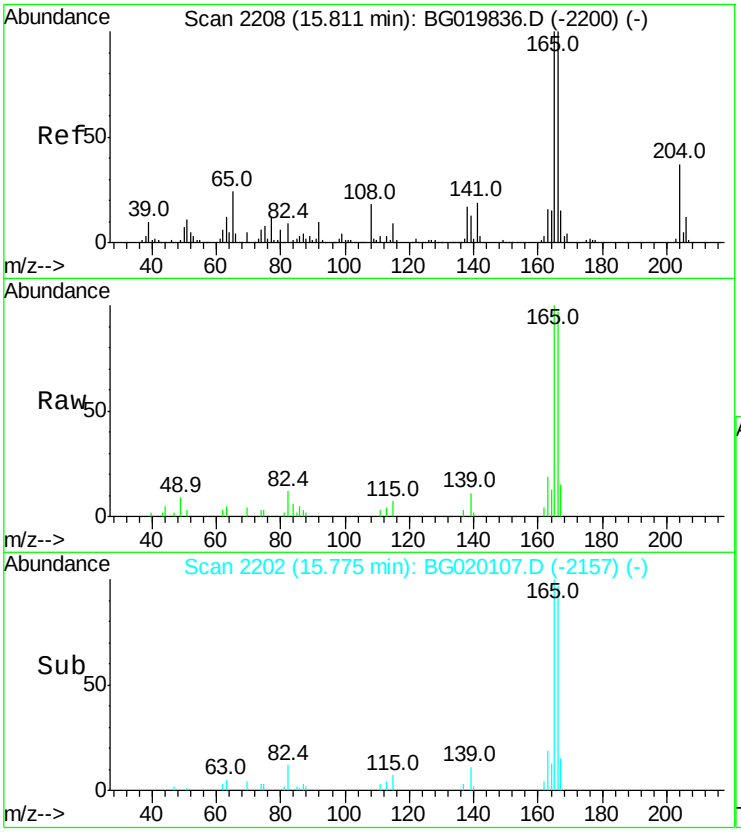


#48
Acenaphthylene
Concen: 24.99 ng
RT: 14.45 min Scan# 1977
Delta R.T. -0.04 min
Lab File: BG020107.D
Acq: 11 Dec 2015 15:17

Tgt Ion:152 Resp: 172124

Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.0	25.4
153	13.5	10.4	15.6



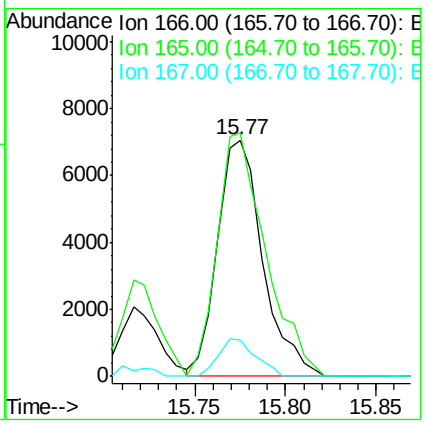


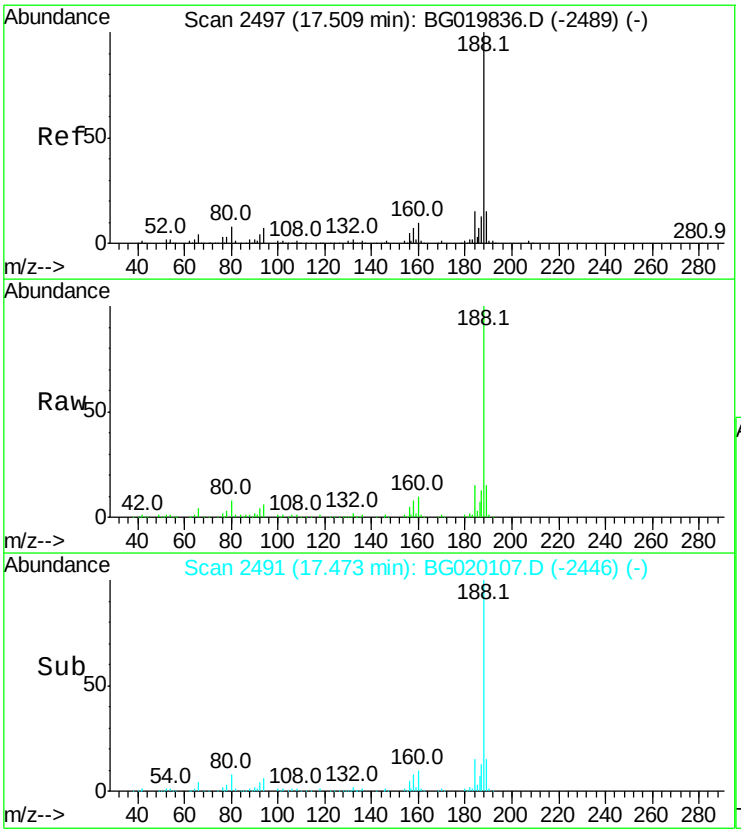
#57
Fluorene
Concen: 2.20 ng
RT: 15.77 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BG020107.D
Acq: 11 Dec 2015 15:17

Instrument :
BNA_G
ClientSampleId :
MW-14DL

Tgt Ion:166 Resp: 12267

Ion	Ratio	Lower	Upper
166	100		
165	103.0	80.0	120.0
167	15.1	11.1	16.7

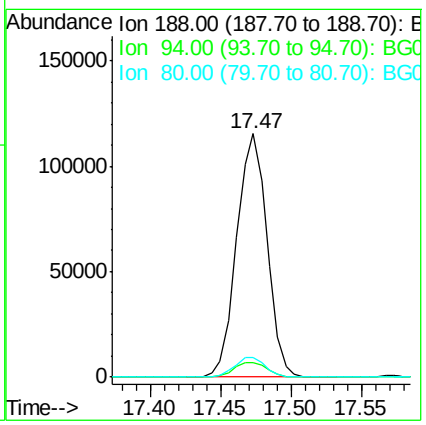


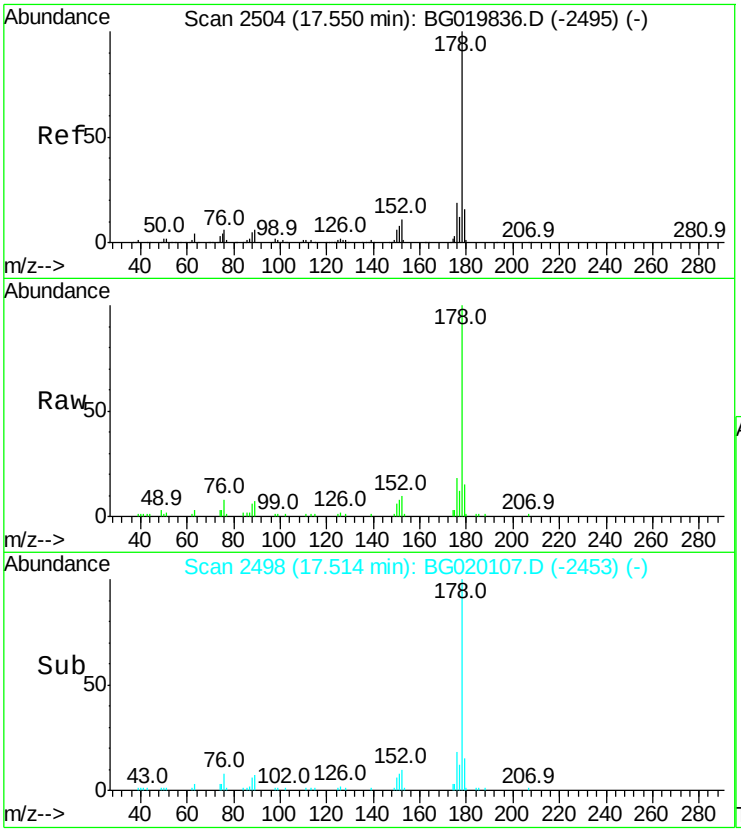


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2491
Delta R.T. -0.04 min
Lab File: BG020107.D
Acq: 11 Dec 2015 15:17

Tgt Ion:188 Resp: 173175

Ion	Ratio	Lower	Upper
188	100		
94	6.2	7.7	11.5#
80	8.3	7.8	11.8



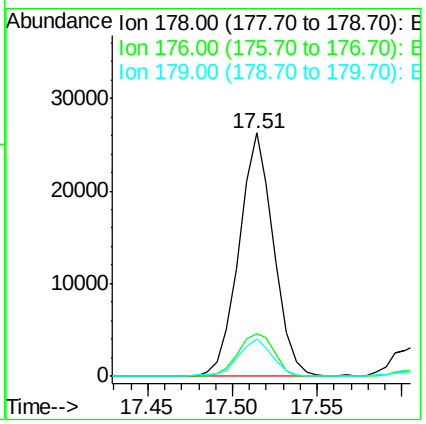


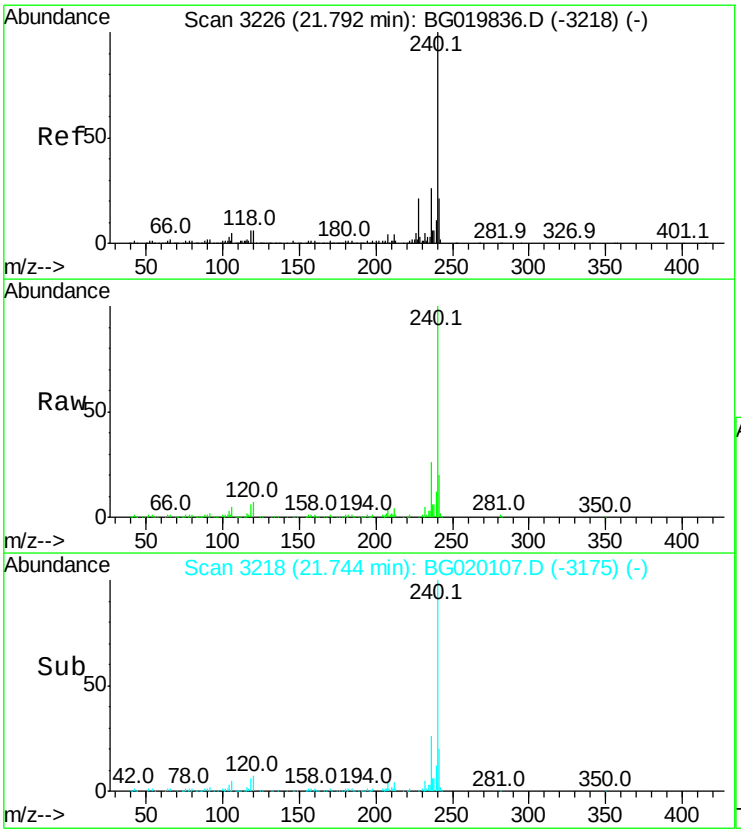
#70
Phenanthrene
Concen: 3.81 ng
RT: 17.51 min Scan# 2498
Delta R.T. -0.04 min
Lab File: BG020107.D
Acq: 11 Dec 2015 15:17

Instrument :
BNA_G
ClientSampleId :
MW-14DL

Tgt Ion:178 Resp: 37338

Ion	Ratio	Lower	Upper
178	100		
176	17.7	16.7	25.1
179	15.3	13.9	20.9

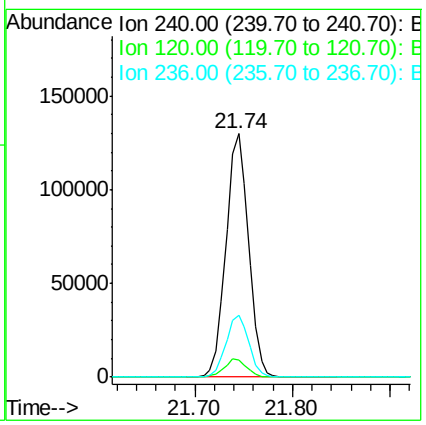


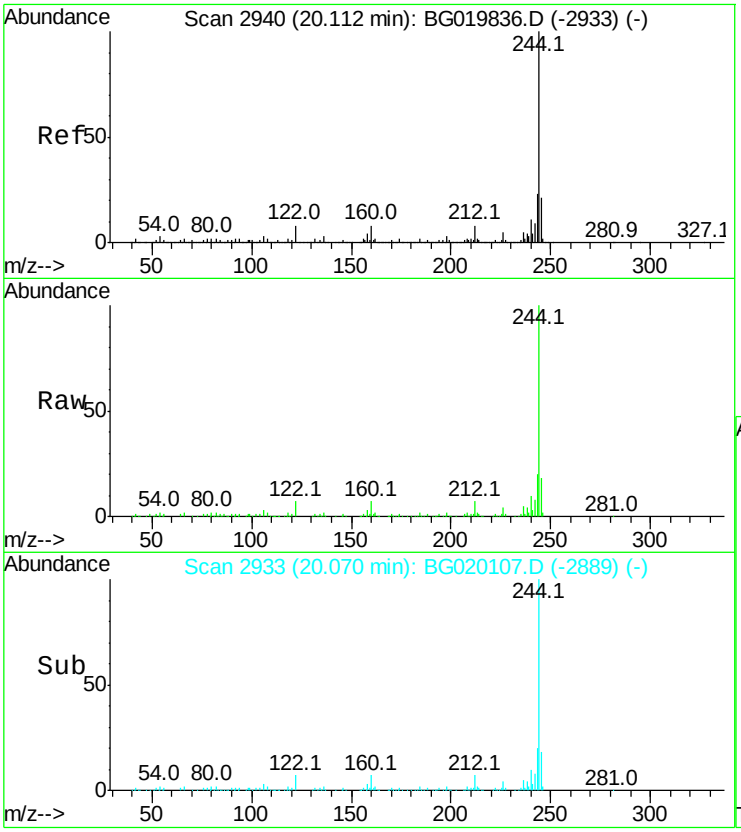


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.74 min Scan# 3218
Delta R.T. -0.05 min
Lab File: BG020107.D
Acq: 11 Dec 2015 15:17

Tgt Ion:240 Resp: 207593

Ion	Ratio	Lower	Upper
240	100		
120	6.8	7.4	11.0#
236	25.6	20.7	31.1



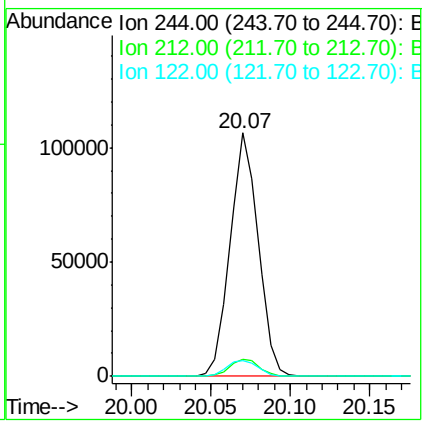


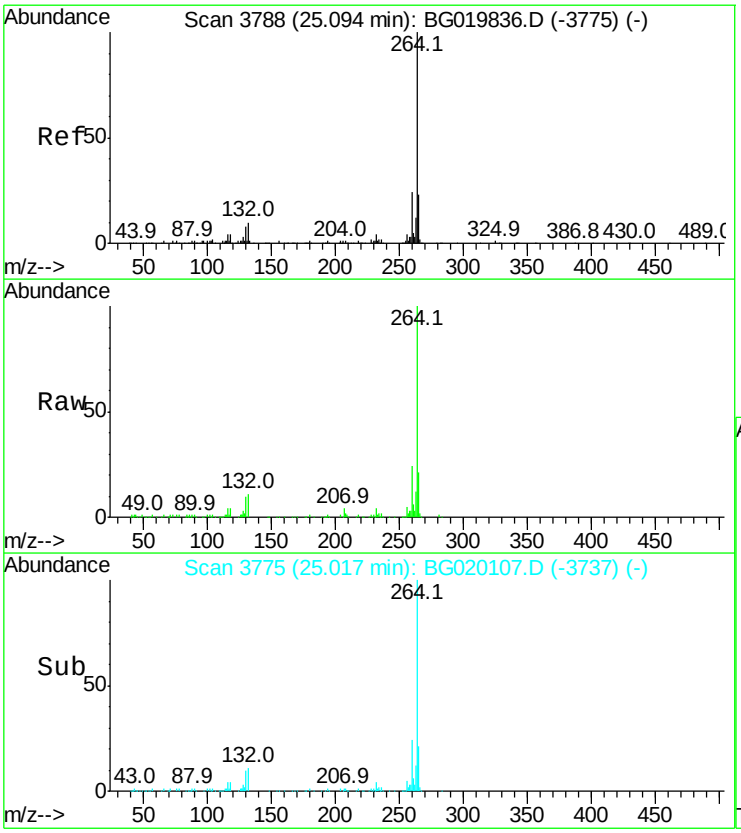
#78
Terphenyl-d14
Concen: 15.29 ng
RT: 20.07 min Scan# 2933
Delta R.T. -0.04 min
Lab File: BG020107.D
Acq: 11 Dec 2015 15:17

Instrument :
BNA_G
ClientSampleId :
MW-14DL

Tgt Ion:244 Resp: 130173

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.9	10.3
122	6.6	10.2	15.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.02 min Scan# 3775
Delta R.T. -0.08 min
Lab File: BG020107.D
Acq: 11 Dec 2015 15:17

Tgt Ion:264 Resp: 196930

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.5	27.7
265	21.4	17.2	25.8