Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020092.D
Acq On : 11 Dec 2015 2:48
Operator : UM/SJ
Sample : G4676-19DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15DL

Quant Time: Dec 11 06:30:02 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	8.11	152	19146	20.00	ng	-0.03
21) Naphthalene-d8	10.92	136	88407	20.00	ng	-0.03
38) Acenaphthene-d10	14.74	164	57577	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	140885	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	171246	20.00	ng	-0.04
86) Perylene-d12	25.03	264	157516	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	45422	42.88	ng	-0.01
7) Phenol-d6	7.25	99	42777	26.74	ng	-0.02
23) Nitrobenzene-d5	9.27	82	93383	53.91	ng	-0.03
41) 2,4,6-Tribromophenol	16.22	330	66412	75.38	ng	-0.03
44) 2-Fluorobiphenyl	13.36	172	226285	53.66	ng	-0.03
78) Terphenyl-d14	20.08	244	377580	53.78	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	10.98	128	209644	44.27	ng	99
48) Acenaphthylene	14.46	152	13433	2.17	ng	99

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

Quantitation Report (QT Reviewed)

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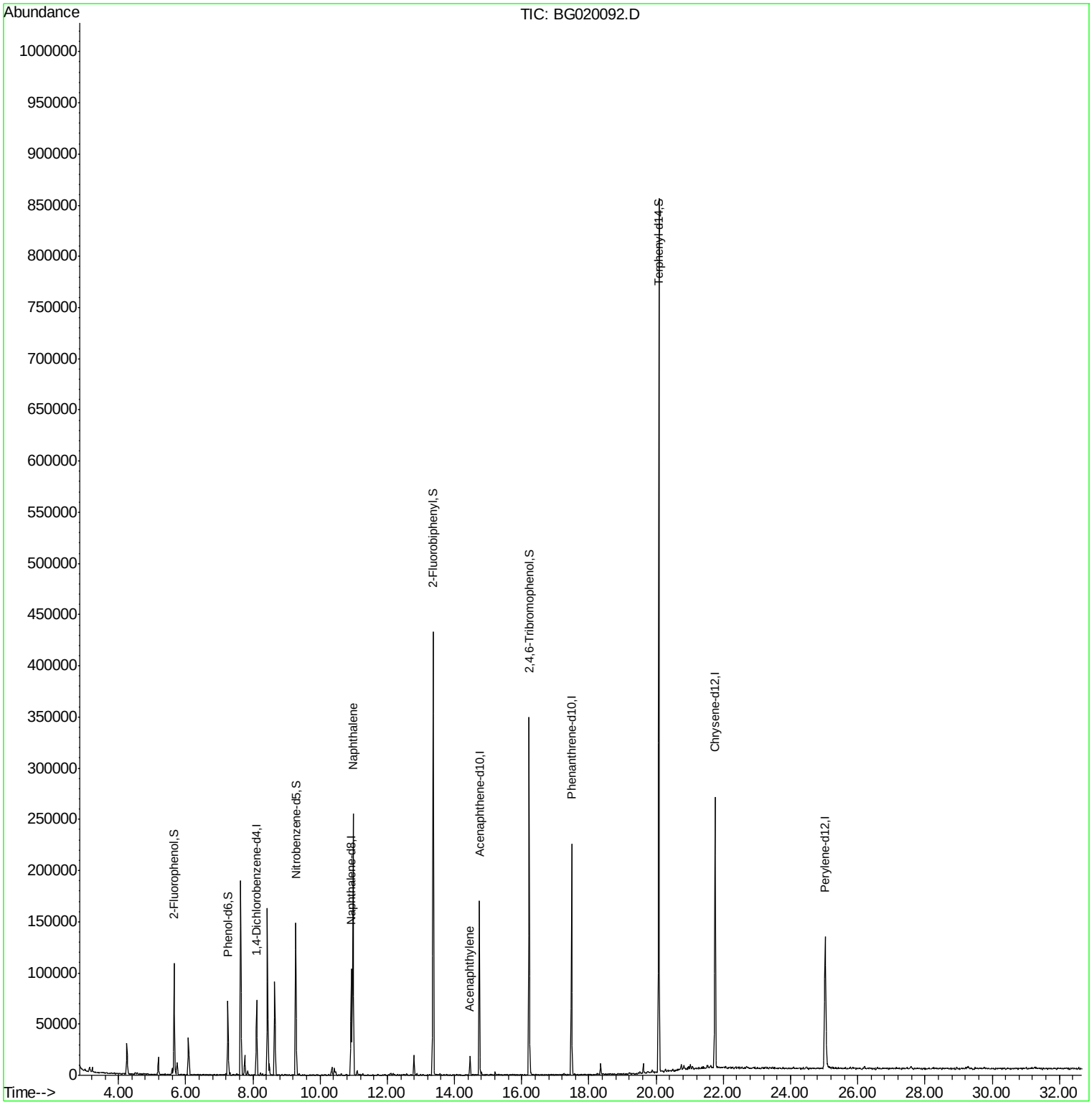
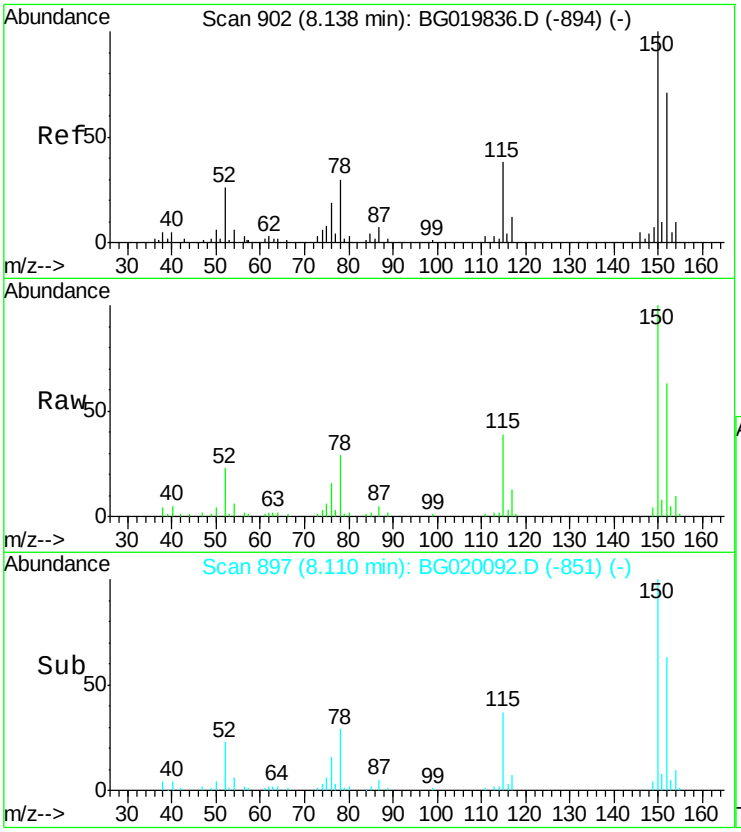


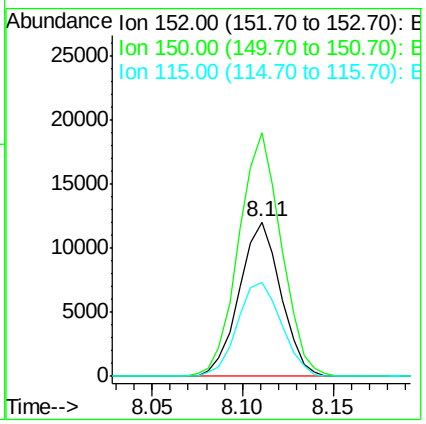


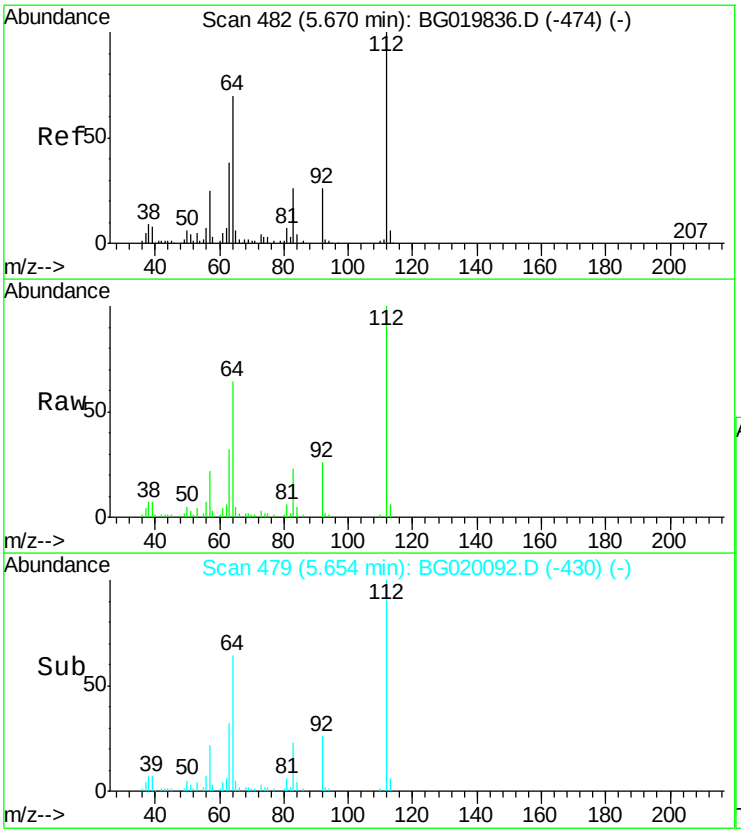
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.03 min
Lab File: BG020092.D
Acq: 11 Dec 2015 2:48

Instrument :
BNA_G
ClientSampleId :
MW-15DL

Tgt Ion:152 Resp: 19146

Ion	Ratio	Lower	Upper
152	100		
150	157.8	115.0	172.4
115	61.2	43.9	65.9

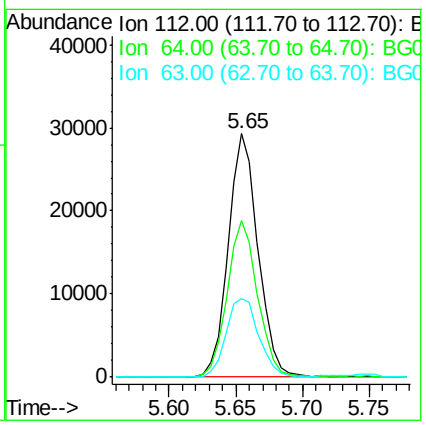


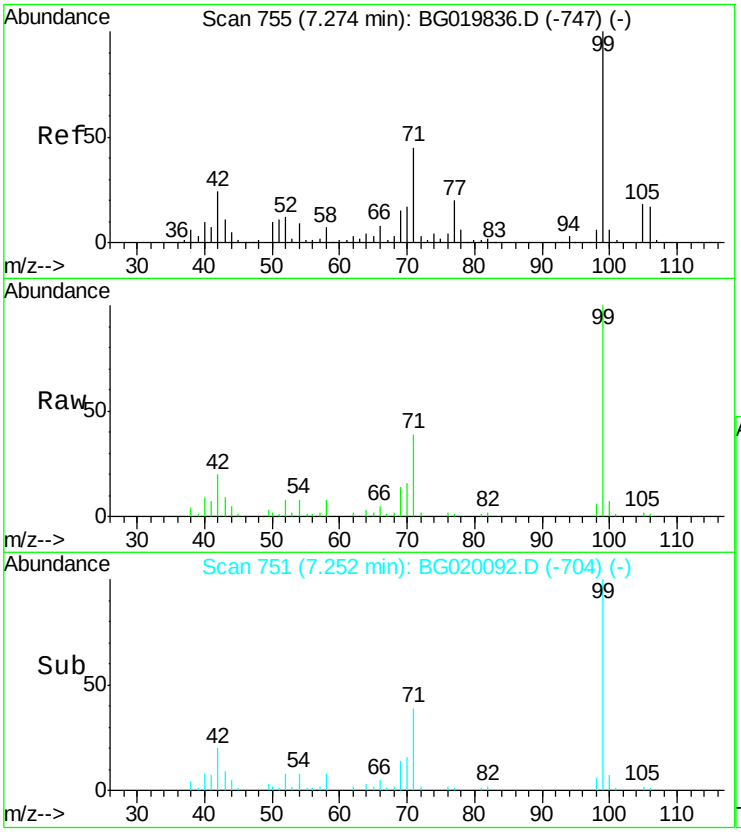


#5
2-Fluorophenol
Concen: 42.88 ng
RT: 5.65 min Scan# 479
Delta R.T. -0.01 min
Lab File: BG020092.D
Acq: 11 Dec 2015 2:48

Tgt Ion:112 Resp: 45422

Ion	Ratio	Lower	Upper
112	100		
64	64.2	43.7	65.5
63	32.0	24.0	36.0



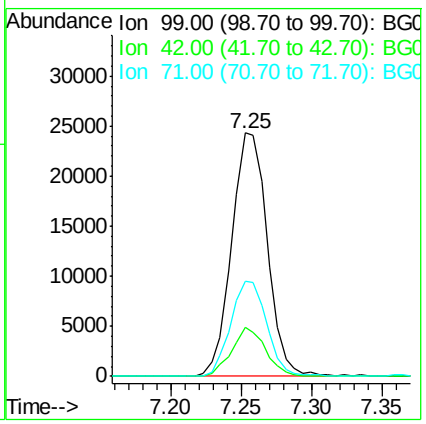


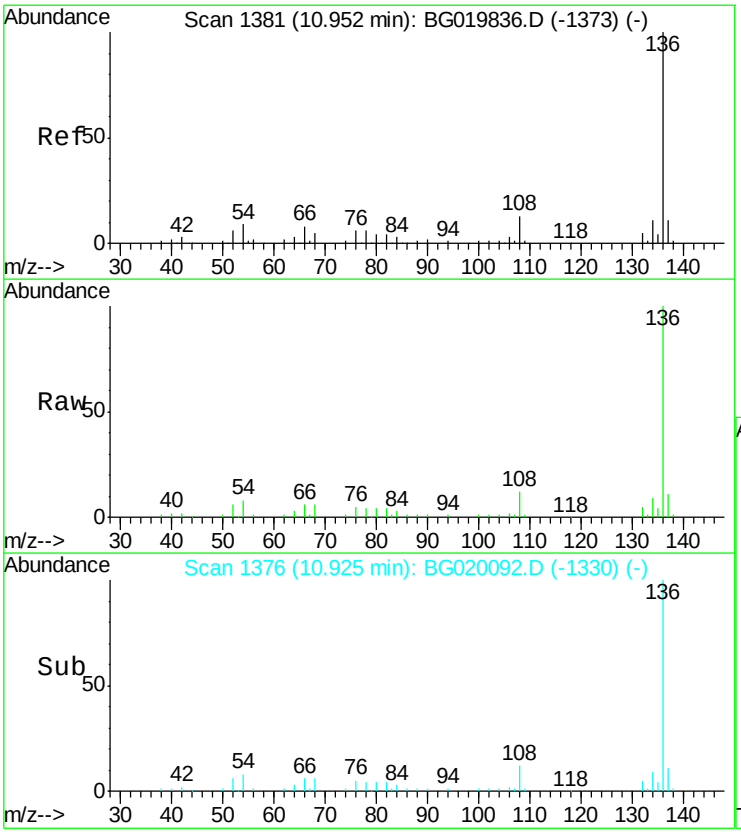
#7
Phenol-d6
Concen: 26.74 ng
RT: 7.25 min Scan# 751
Delta R.T. -0.02 min
Lab File: BG020092.D
Acq: 11 Dec 2015 2:48

Instrument :
BNA_G
ClientSampleId :
MW-15DL

Tgt Ion: 99 Resp: 42777

Ion	Ratio	Lower	Upper
99	100		
42	20.3	11.5	17.3#
71	39.3	22.6	34.0#

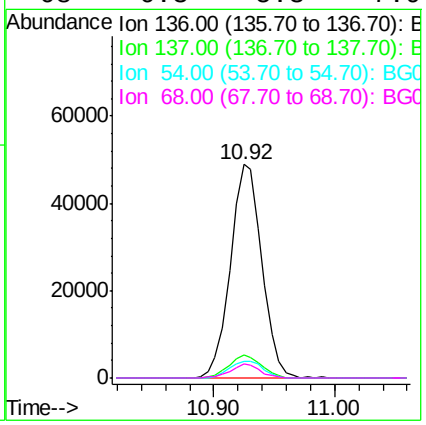


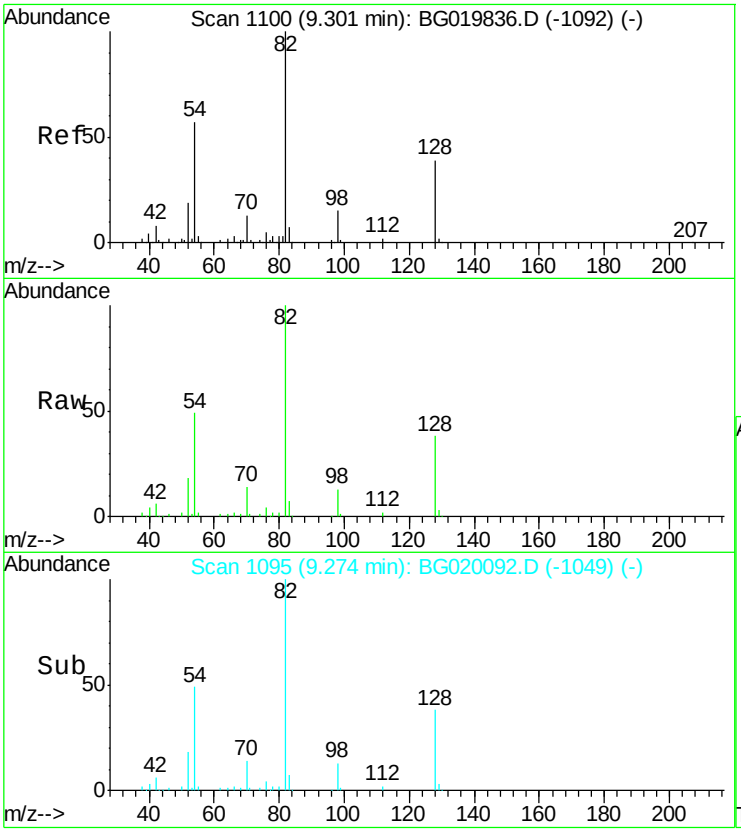


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1376
Delta R.T. -0.03 min
Lab File: BG020092.D
Acq: 11 Dec 2015 2:48

Tgt Ion:136 Resp: 88407

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	7.9	5.4	8.2
68	6.3	5.3	7.9



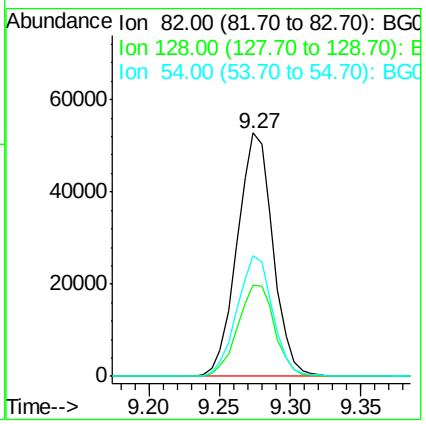


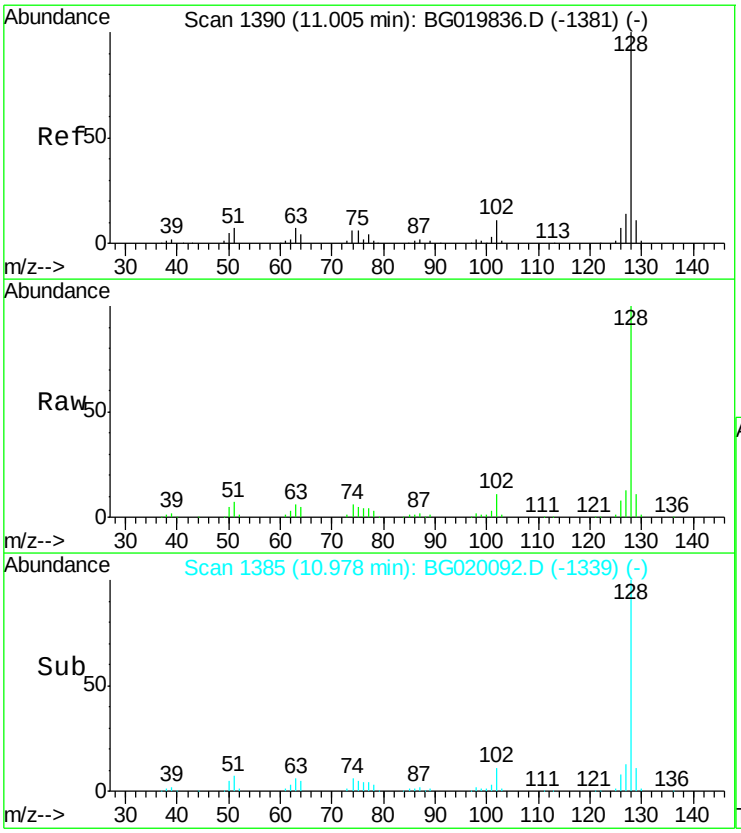
#23
Nitrobenzene-d5
Concen: 53.91 ng
RT: 9.27 min Scan# 1095
Delta R.T. -0.03 min
Lab File: BG020092.D
Acq: 11 Dec 2015 2:48

Instrument :
BNA_G
ClientSampleId :
MW-15DL

Tgt Ion: 82 Resp: 93383

Ion	Ratio	Lower	Upper
82	100		
128	37.7	36.7	55.1
54	49.4	33.8	50.8

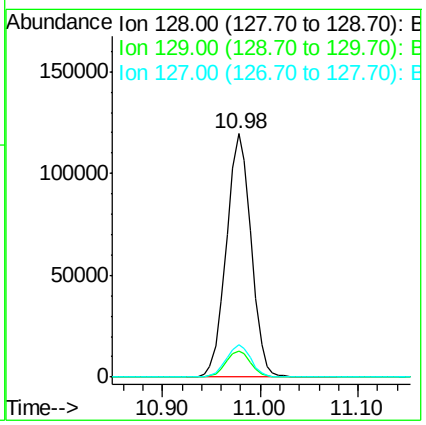


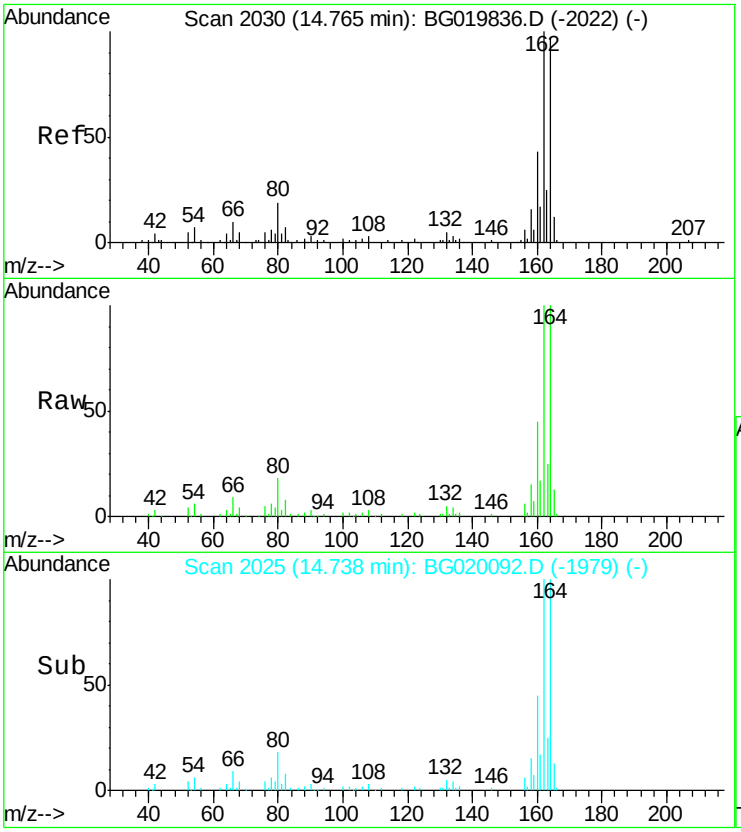


#31
Naphthalene
Concen: 44.27 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.03 min
Lab File: BG020092.D
Acq: 11 Dec 2015 2:48

Tgt Ion:128 Resp: 209644

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.5	12.7
127	13.1	10.6	16.0



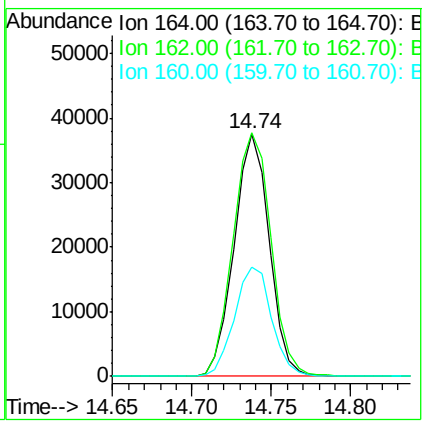


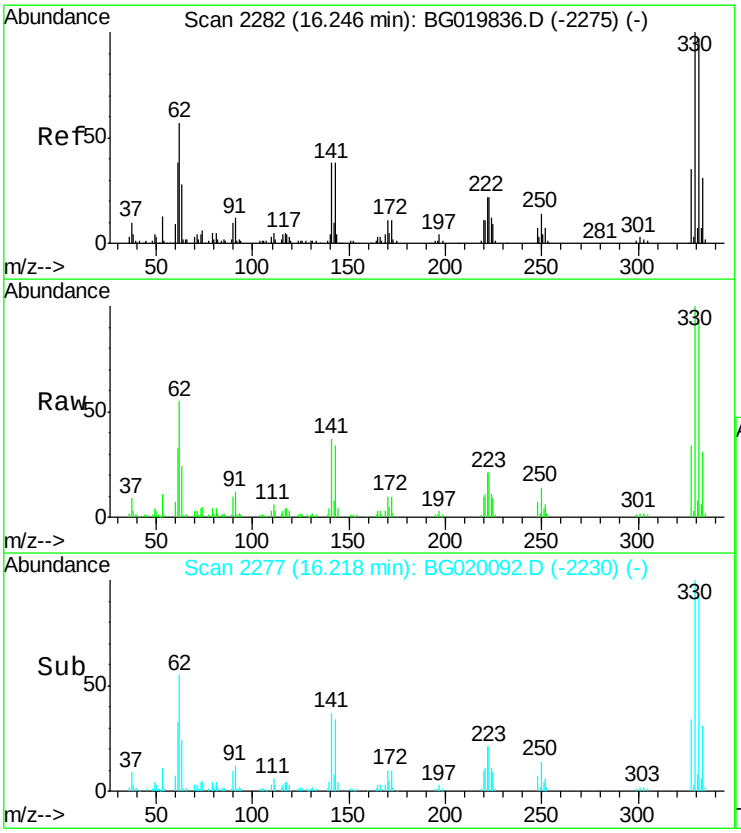
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2025
Delta R.T. -0.03 min
Lab File: BG020092.D
Acq: 11 Dec 2015 2:48

Instrument :
BNA_G
ClientSampleId :
MW-15DL

Tgt Ion:164 Resp: 57577

Ion	Ratio	Lower	Upper
164	100		
162	100.5	78.8	118.2
160	45.2	36.4	54.6

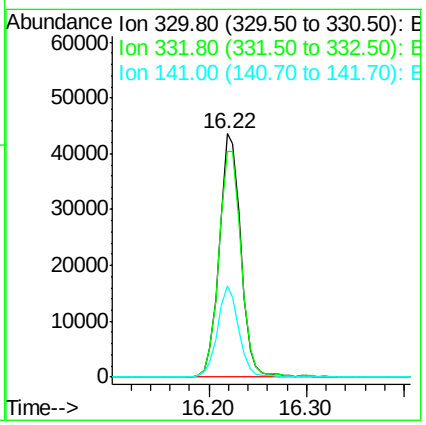


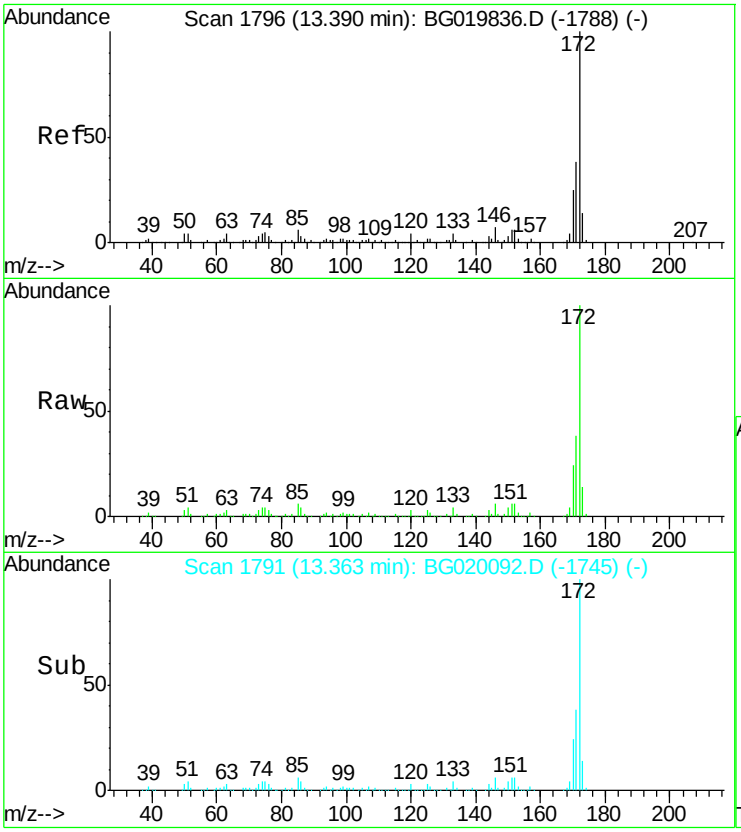


#41
2,4,6-Tribromophenol
Concen: 75.38 ng
RT: 16.22 min Scan# 2277
Delta R.T. -0.03 min
Lab File: BG020092.D
Acq: 11 Dec 2015 2:48

Tgt Ion:330 Resp: 66412

Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.1	117.1
141	36.6	28.2	42.2



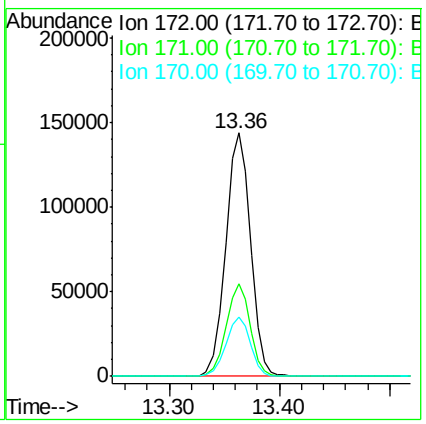


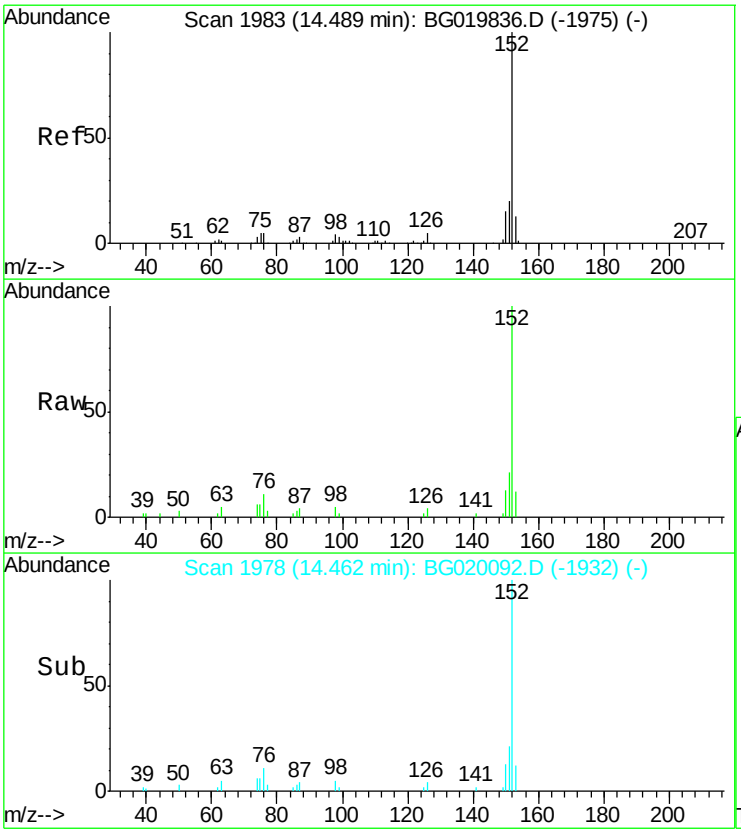
#44
2-Fluorobiphenyl
Concen: 53.66 ng
RT: 13.36 min Scan# 1791
Delta R.T. -0.03 min
Lab File: BG020092.D
Acq: 11 Dec 2015 2:48

Instrument :
BNA_G
ClientSampleId :
MW-15DL

Tgt Ion:172 Resp: 226285

Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.0	43.6
170	24.3	19.9	29.9

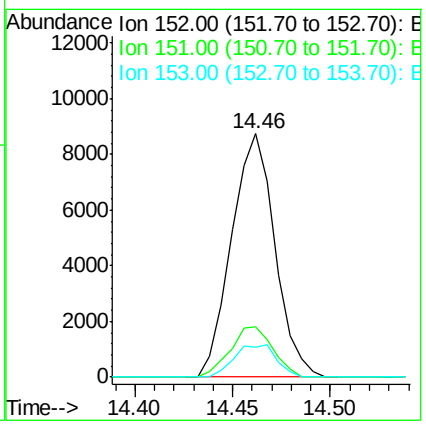


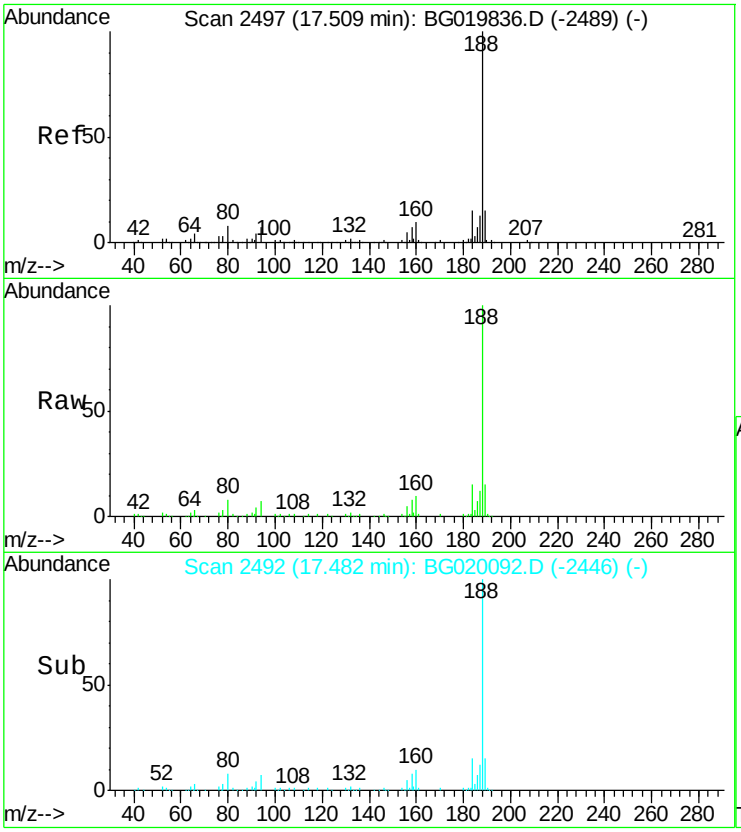


#48
Acenaphthylene
Concen: 2.17 ng
RT: 14.46 min Scan# 1978
Delta R.T. -0.03 min
Lab File: BG020092.D
Acq: 11 Dec 2015 2:48

Tgt Ion:152 Resp: 13433

Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.0	25.4
153	12.3	10.4	15.6



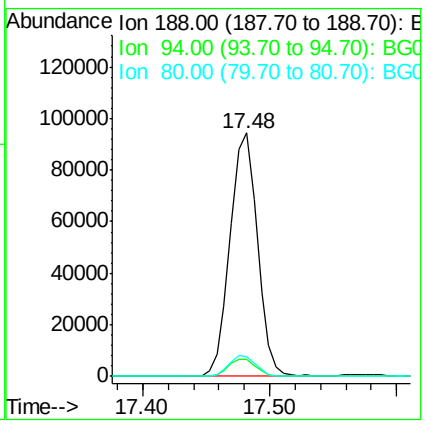


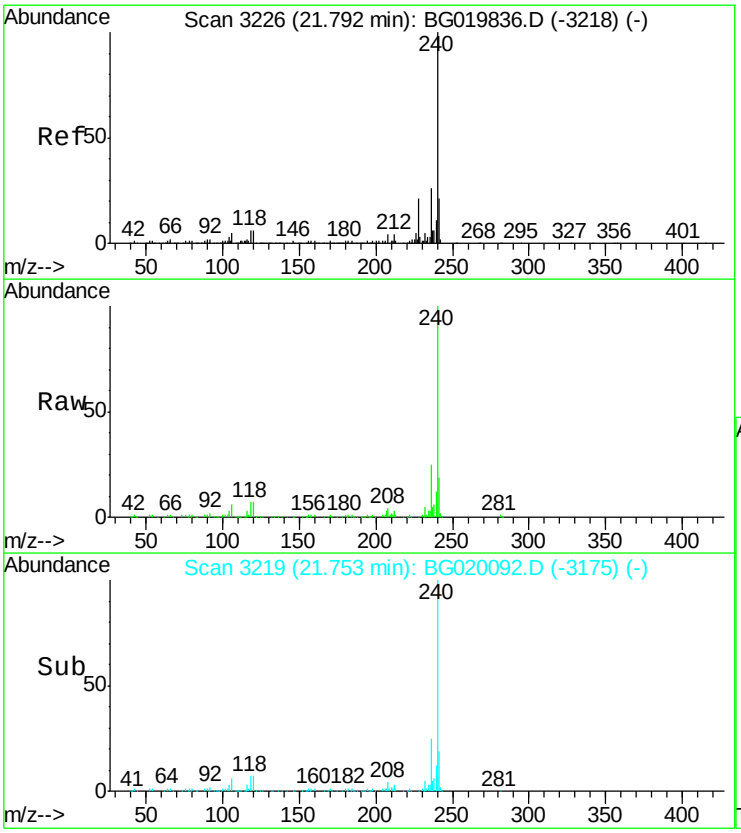
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020092.D
Acq: 11 Dec 2015 2:48

Instrument :
BNA_G
ClientSampleId :
MW-15DL

Tgt Ion:188 Resp: 140885

Ion	Ratio	Lower	Upper
188	100		
94	7.0	7.7	11.5#
80	7.9	7.8	11.8

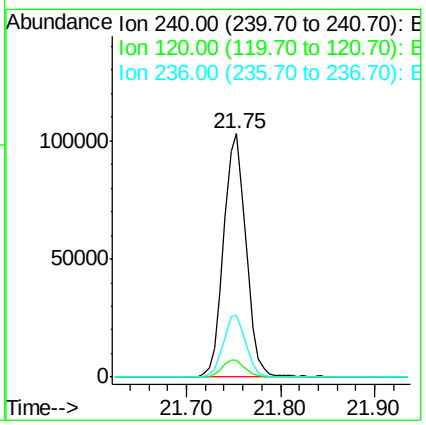


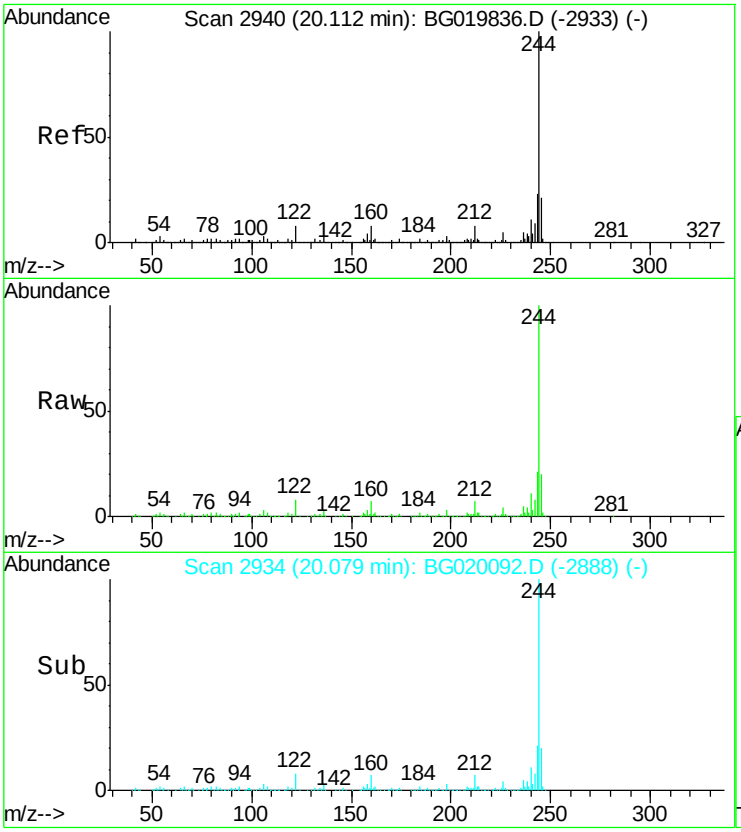


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020092.D
Acq: 11 Dec 2015 2:48

Tgt Ion:240 Resp: 171246

Ion	Ratio	Lower	Upper
240	100		
120	7.0	7.4	11.0#
236	25.3	20.7	31.1



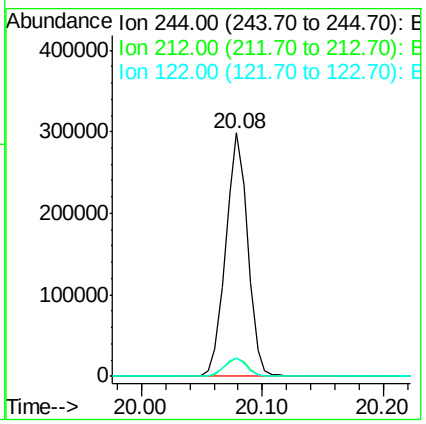


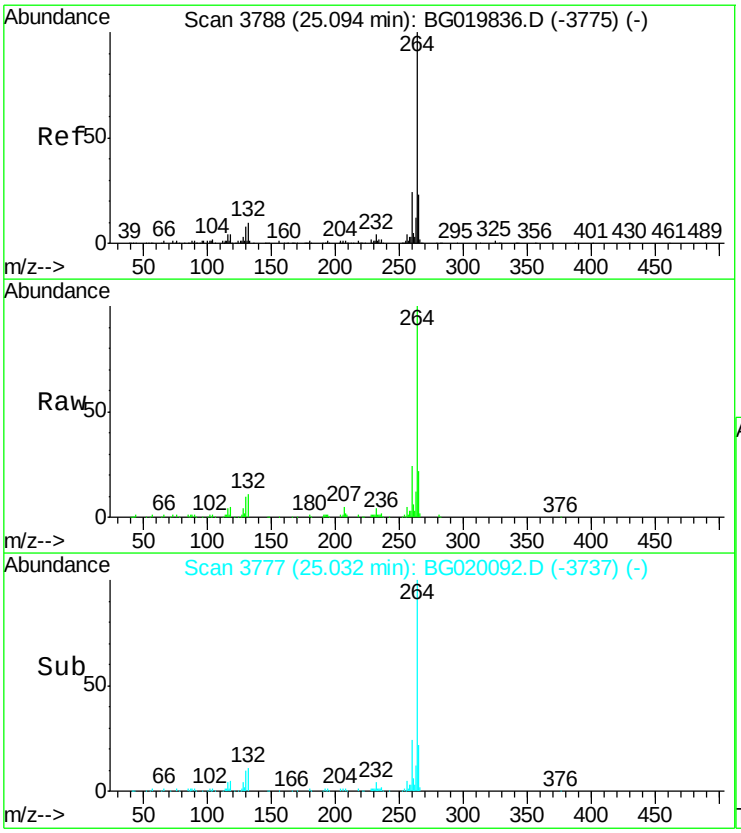
#78
Terphenyl-d14
Concen: 53.78 ng
RT: 20.08 min Scan# 2934
Delta R.T. -0.03 min
Lab File: BG020092.D
Acq: 11 Dec 2015 2:48

Instrument :
BNA_G
ClientSampleId :
MW-15DL

Tgt Ion:244 Resp: 377580

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.9	10.3
122	7.5	10.2	15.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3777
Delta R.T. -0.06 min
Lab File: BG020092.D
Acq: 11 Dec 2015 2:48

Tgt Ion:264 Resp: 157516

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.5	27.7
265	21.7	17.2	25.8