Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
Data File : BG019166.D
Acq On : 12 Oct 2015 20:28
Operator : UM/NP
Sample : G3989-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C6-GW

Quant Time: Oct 13 14:48:53 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 13 03:45:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	20154	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	95050	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	67437	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	155696	20.00	ng	0.00
75) Chrysene-d12	21.68	240	184291	20.00	ng	0.00
86) Perylene-d12	24.91	264	184562	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	88831	89.74	ng	0.00
7) Phenol-d6	7.20	99	96623	63.54	ng	0.00
23) Nitrobenzene-d5	9.20	82	170734	99.25	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	136972	149.05	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	419425	95.63	ng	0.00
78) Terphenyl-d14	20.02	244	559646	80.22	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.11	163	15072	2.83	ng	# 92
51) Acenaphthene	14.72	154	9436	2.36	ng	96
57) Fluorene	15.71	166	15479	3.02	ng	# 93

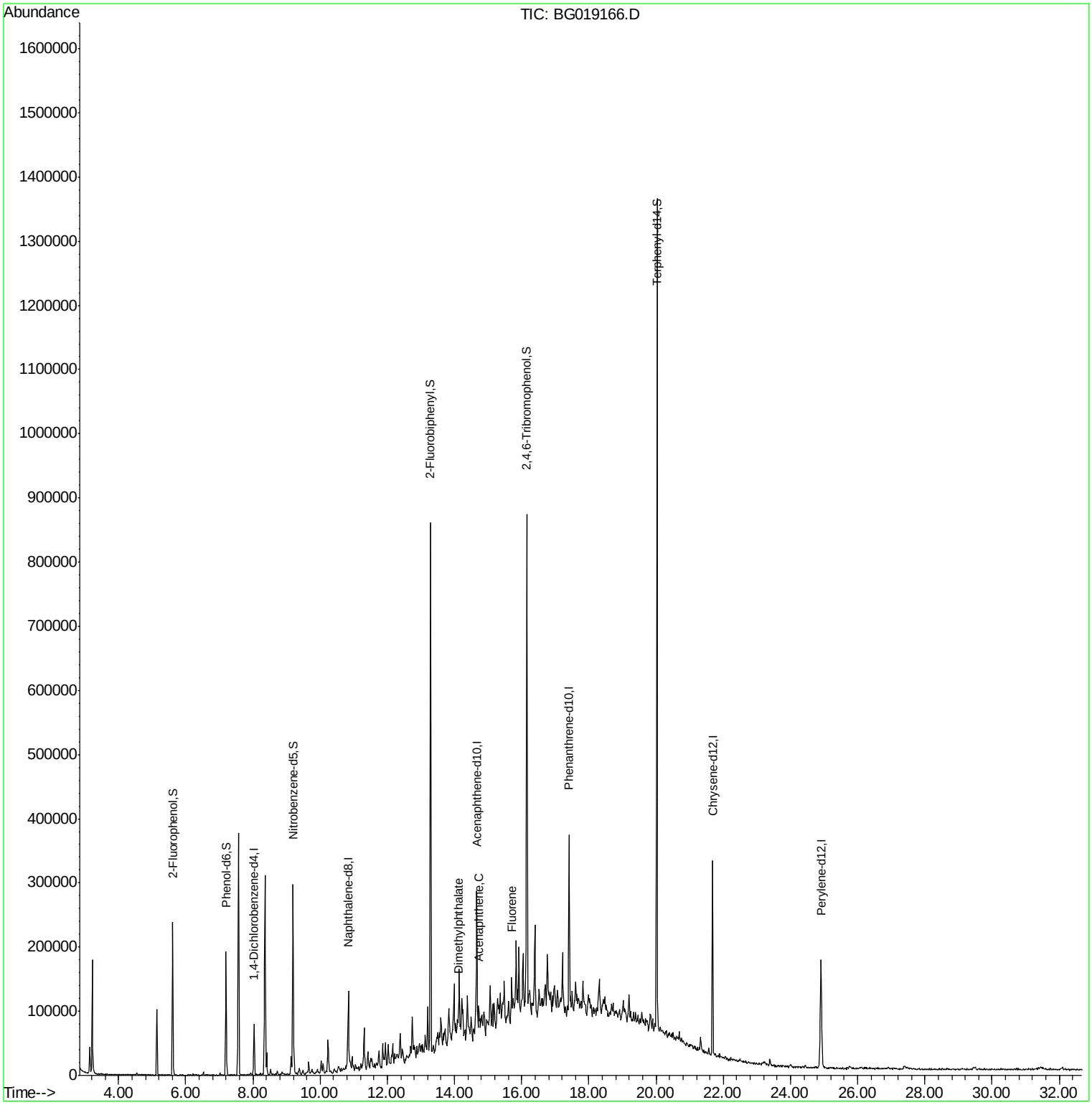
(#) = qualifier out of range (m) = manual integration (+) = signals summed

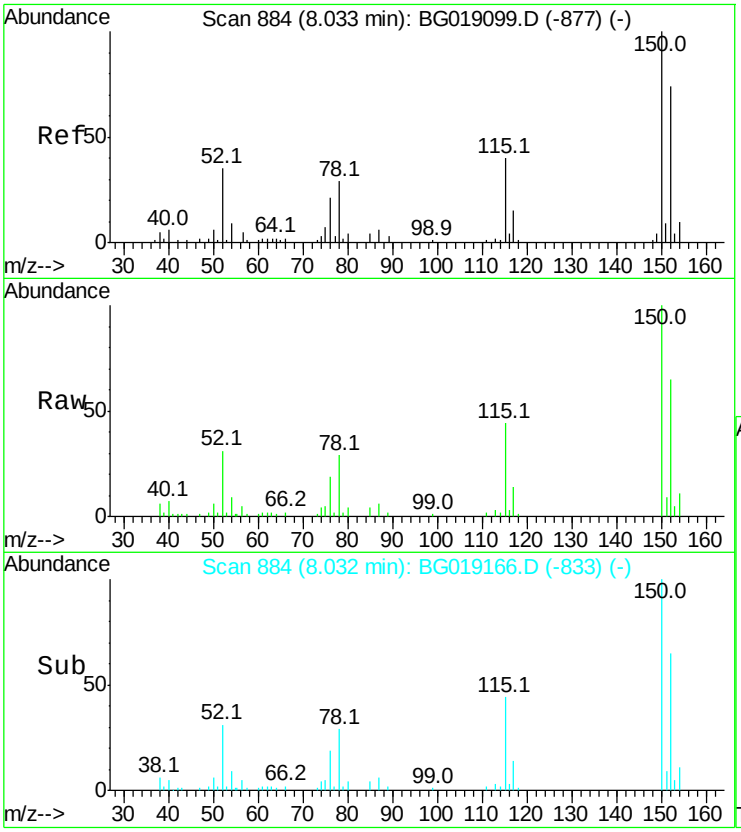
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
Data File : BG019166.D
Acq On : 12 Oct 2015 20:28
Operator : UM/NP
Sample : G3989-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OW1-C6-GW

Quant Time: Oct 13 14:48:53 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 13 03:45:00 2015
Response via : Initial Calibration



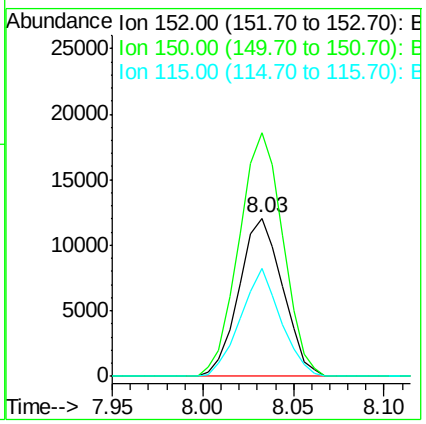


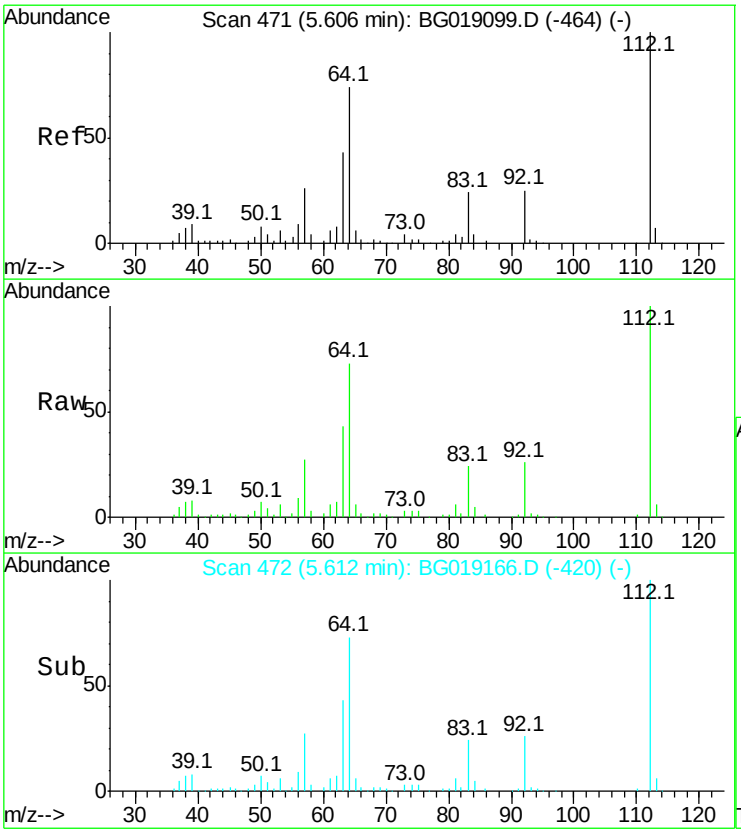
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 884
Delta R.T. -0.00 min
Lab File: BG019166.D
Acq: 12 Oct 2015 20:28

Instrument :
BNA_G
ClientSampleId :
OW1-C6-GW

Tgt Ion:152 Resp: 20154

Ion	Ratio	Lower	Upper
152	100		
150	153.9	108.2	162.2
115	68.3	43.2	64.8#

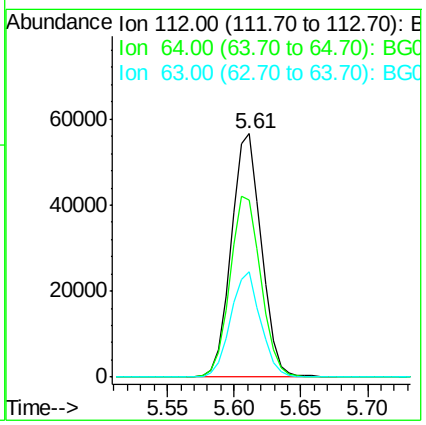


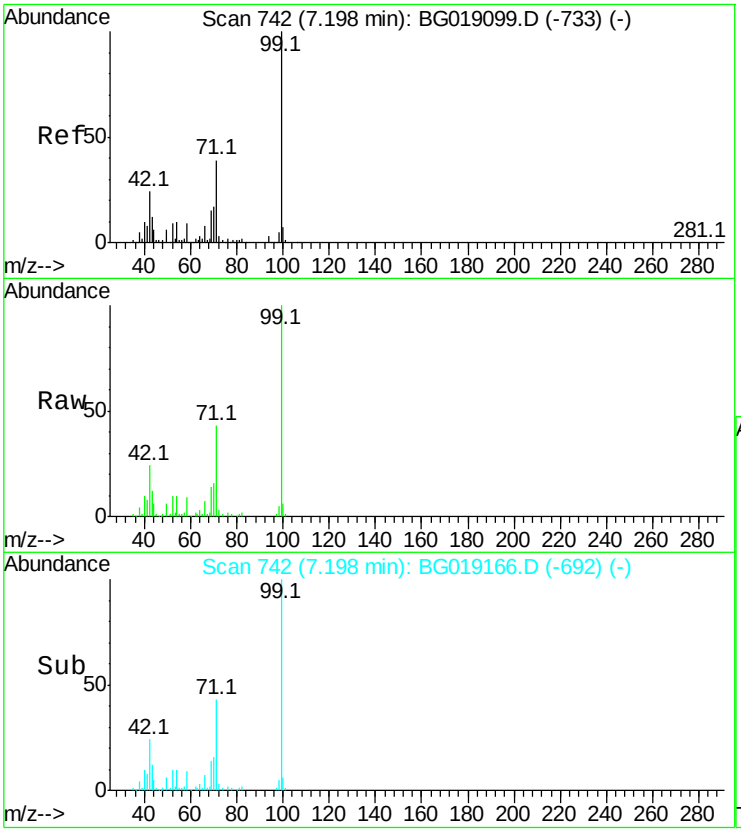


#5
2-Fluorophenol
Concen: 89.74 ng
RT: 5.61 min Scan# 472
Delta R.T. 0.01 min
Lab File: BG019166.D
Acq: 12 Oct 2015 20:28

Tgt Ion:112 Resp: 88831

Ion	Ratio	Lower	Upper
112	100		
64	72.7	59.0	88.4
63	43.2	34.7	52.1



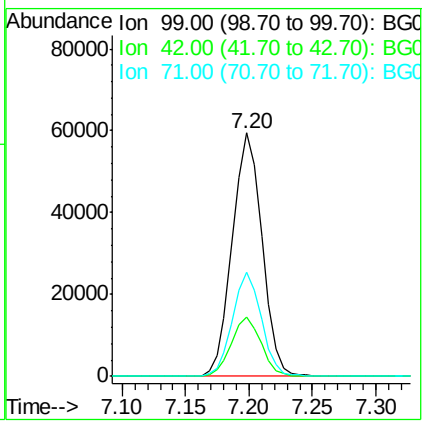


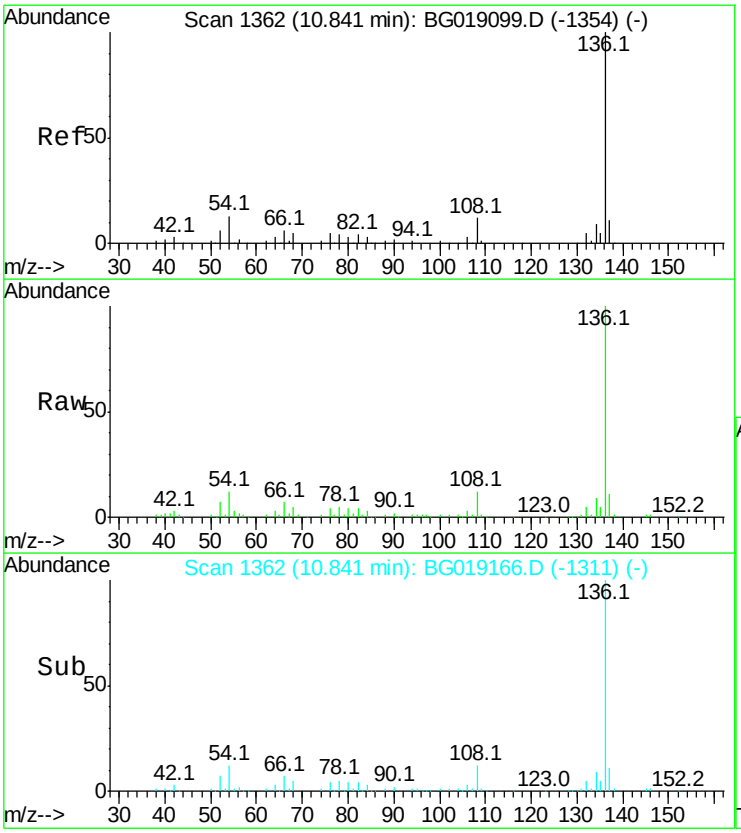
#7
Phenol-d6
Concen: 63.54 ng
RT: 7.20 min Scan# 742
Delta R.T. -0.01 min
Lab File: BG019166.D
Acq: 12 Oct 2015 20:28

Instrument :
BNA_G
ClientSampleId :
OW1-C6-GW

Tgt Ion: 99 Resp: 96623

Ion	Ratio	Lower	Upper
99	100		
42	24.3	19.5	29.3
71	42.5	31.4	47.0

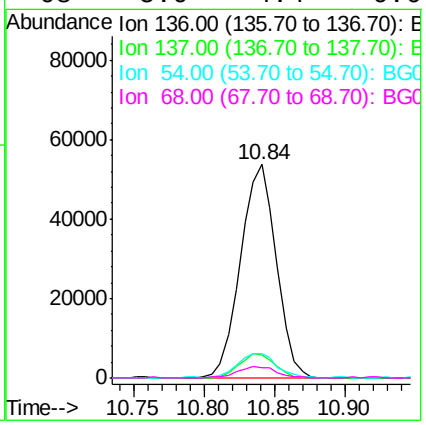


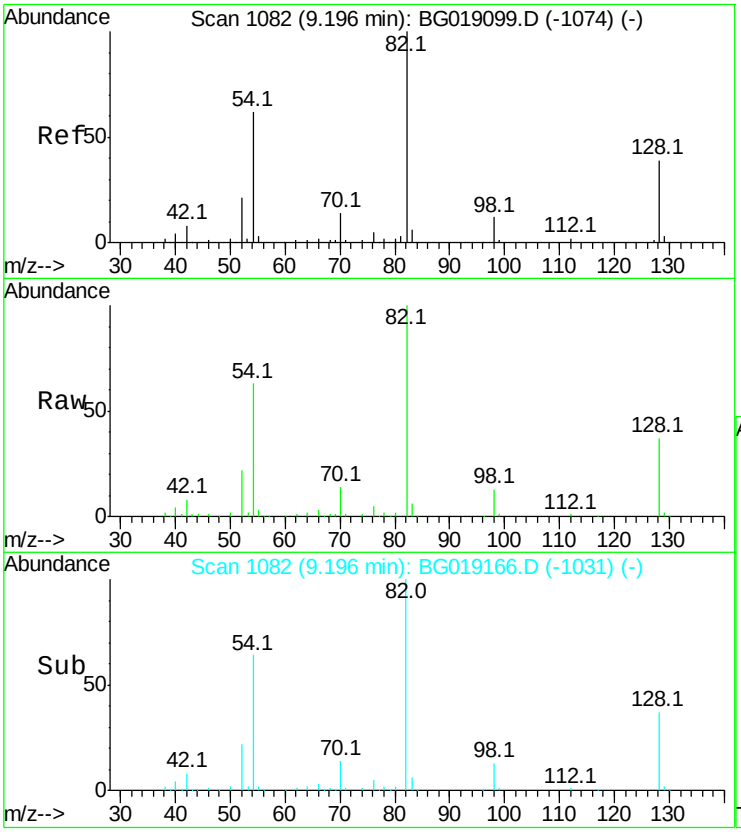


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BG019166.D
Acq: 12 Oct 2015 20:28

Tgt Ion:136 Resp: 95050

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	11.6	10.1	15.1
68	5.0	4.4	6.6



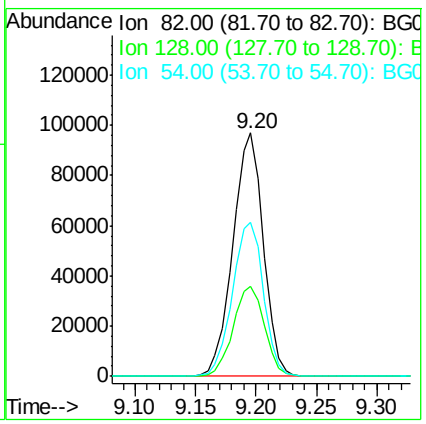


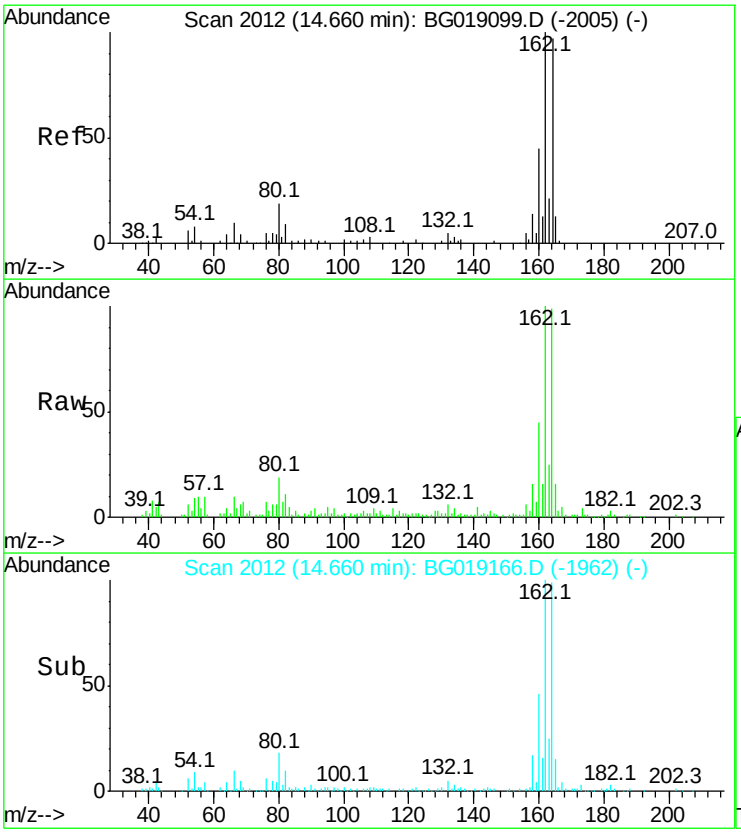
#23
Nitrobenzene-d5
Concen: 99.25 ng
RT: 9.20 min Scan# 1082
Delta R.T. -0.00 min
Lab File: BG019166.D
Acq: 12 Oct 2015 20:28

Instrument :
BNA_G
ClientSampleId :
OW1-C6-GW

Tgt Ion: 82 Resp: 170734

Ion	Ratio	Lower	Upper
82	100		
128	37.0	31.4	47.2
54	63.4	50.0	75.0

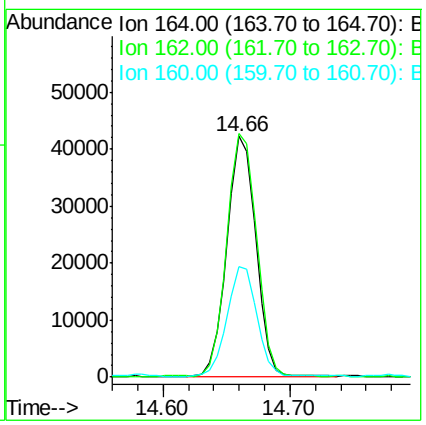


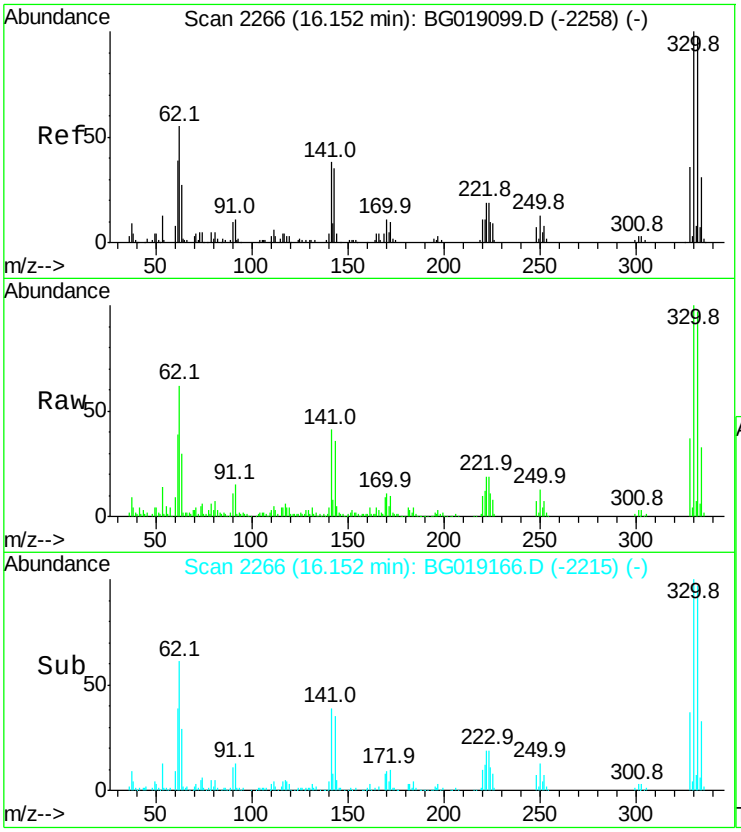


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG019166.D
Acq: 12 Oct 2015 20:28

Tgt Ion:164 Resp: 67437

Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.6	124.0
160	45.8	36.9	55.3



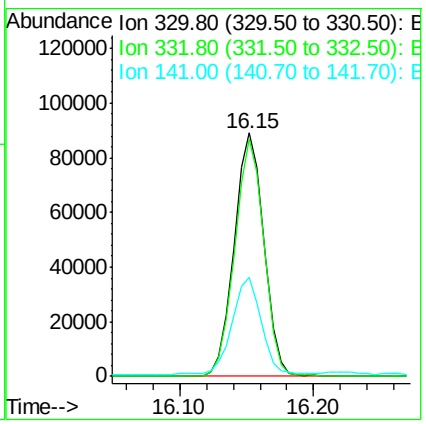


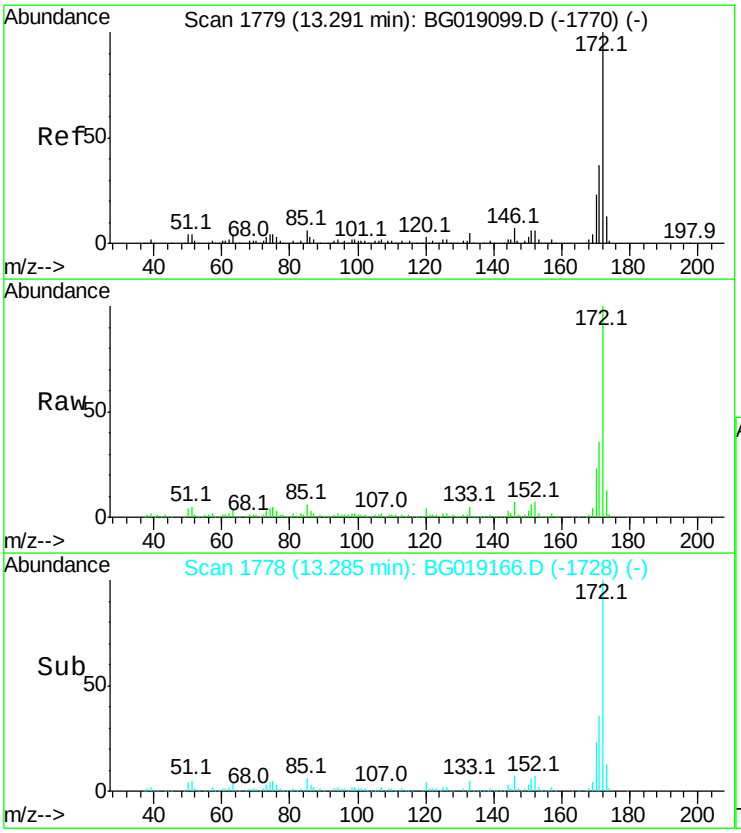
#41
2,4,6-Tribromophenol
Concen: 149.05 ng
RT: 16.15 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BG019166.D
Acq: 12 Oct 2015 20:28

Instrument :
BNA_G
ClientSampleId :
OW1-C6-GW

Tgt Ion:330 Resp: 136972

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.3	115.9
141	39.9	30.7	46.1

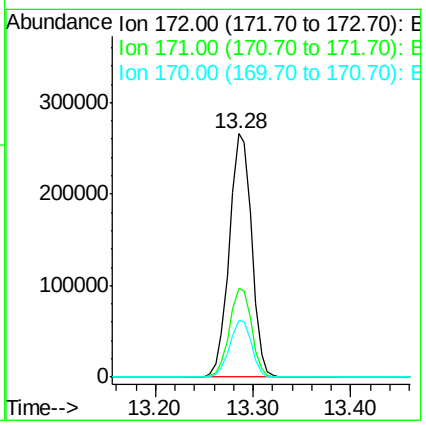


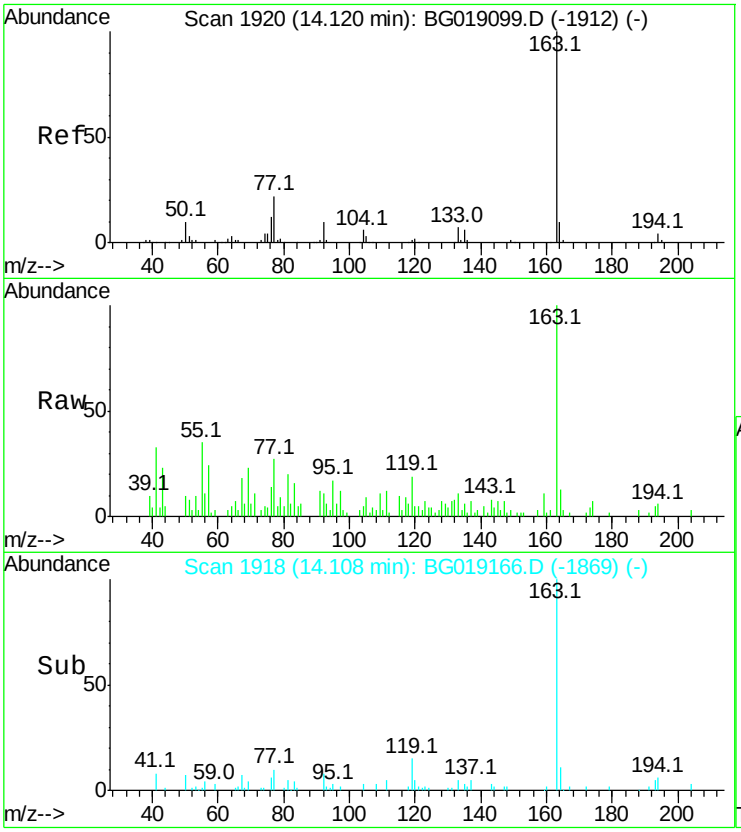


#44
2-Fluorobiphenyl
Concen: 95.63 ng
RT: 13.28 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BG019166.D
Acq: 12 Oct 2015 20:28

Tgt Ion:172 Resp: 419425

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.9	44.9
170	23.2	18.6	27.8



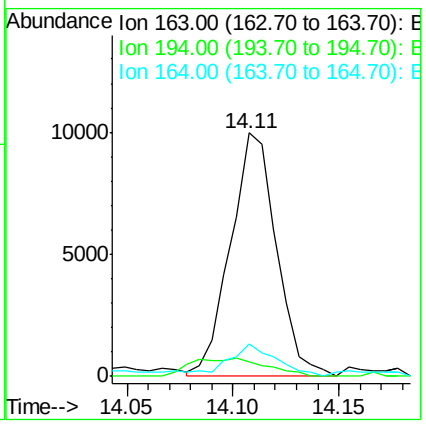


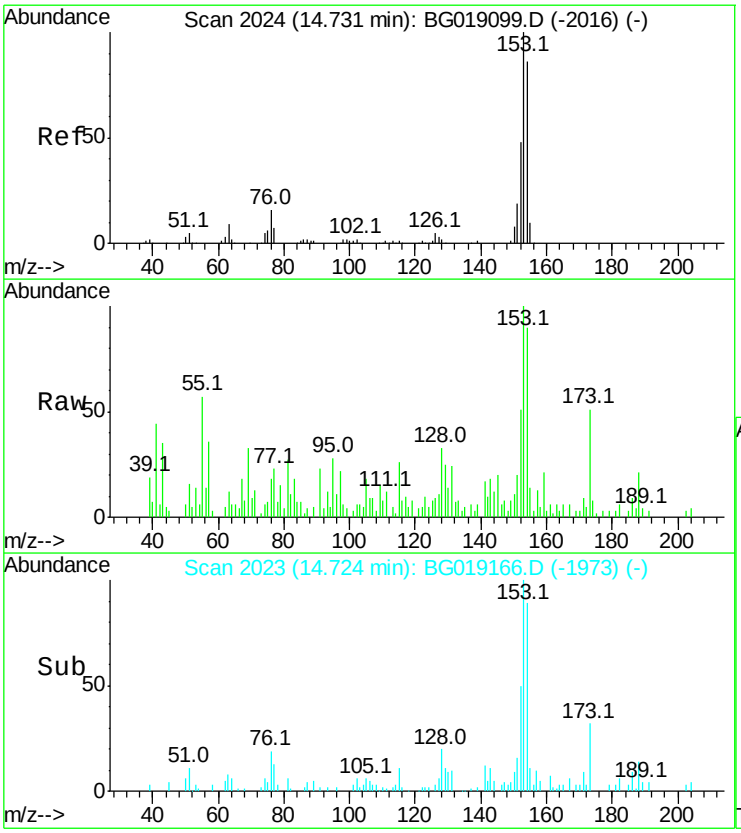
#49
Dimethylphthalate
Concen: 2.83 ng
RT: 14.11 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BG019166.D
Acq: 12 Oct 2015 20:28

Instrument :
BNA_G
ClientSampleId :
OW1-C6-GW

Tgt Ion:163 Resp: 15072

Ion	Ratio	Lower	Upper
163	100		
194	5.8	3.2	4.8#
164	13.4	8.1	12.1#

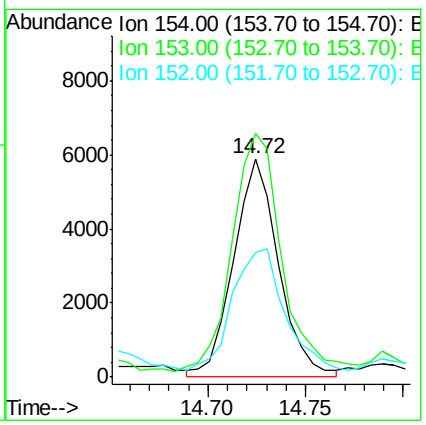


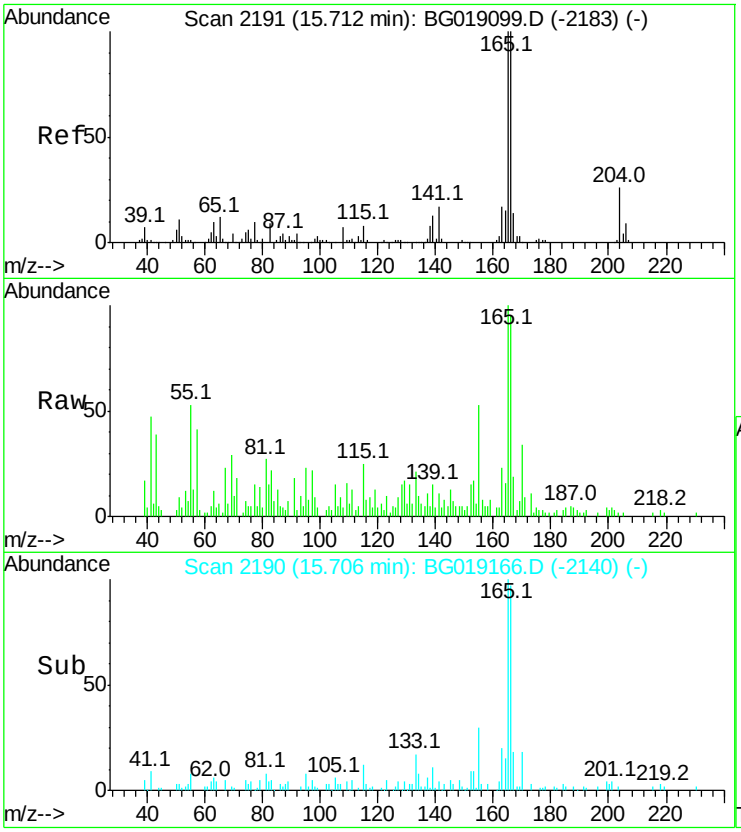


#51
Acenaphthene
Concen: 2.36 ng
RT: 14.72 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BG019166.D
Acq: 12 Oct 2015 20:28

Tgt Ion:154 Resp: 9436

Ion	Ratio	Lower	Upper
154	100		
153	111.6	93.4	140.2
152	57.3	44.9	67.3



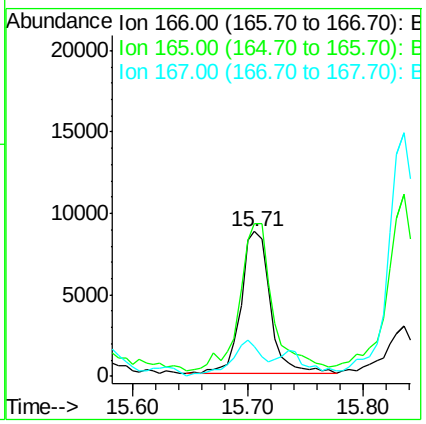


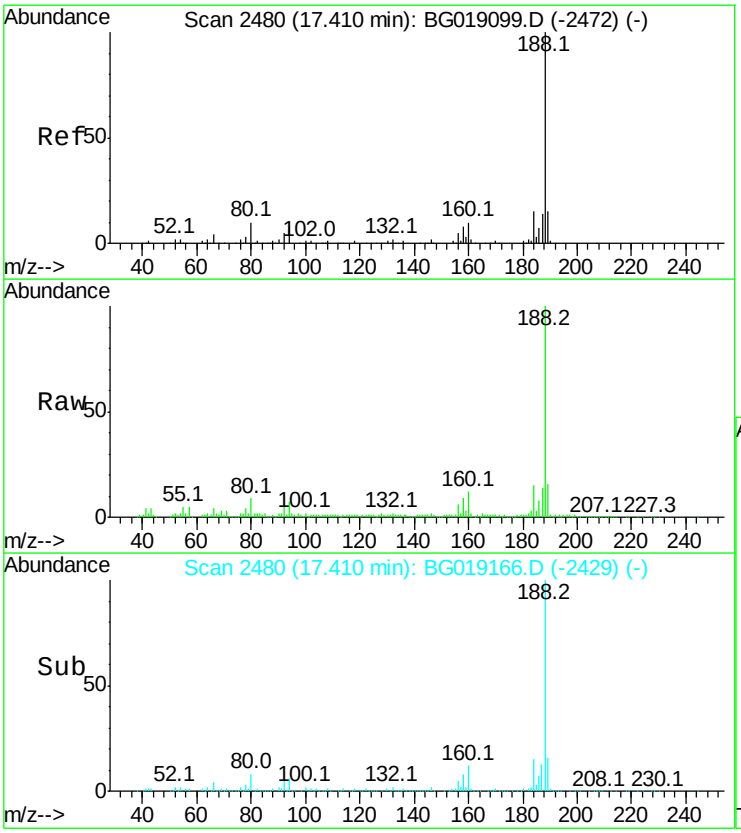
#57
Fluorene
Concen: 3.02 ng
RT: 15.71 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG019166.D
Acq: 12 Oct 2015 20:28

Instrument :
BNA_G
ClientSampleId :
OW1-C6-GW

Tgt Ion:166 Resp: 15479

Ion	Ratio	Lower	Upper
166	100		
165	105.8	80.2	120.2
167	20.6	11.4	17.0#

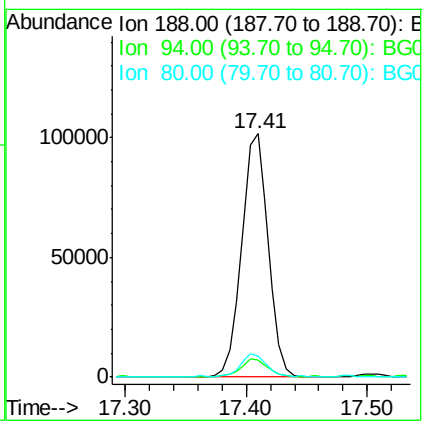


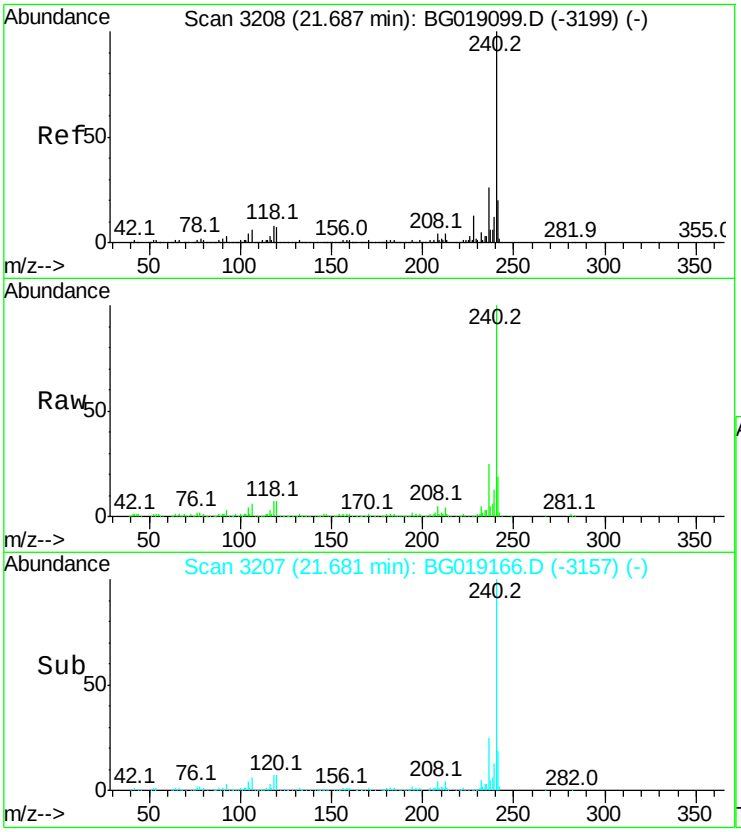


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BG019166.D
Acq: 12 Oct 2015 20:28

Tgt Ion:188 Resp: 155696

Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.4	9.6
80	8.6	7.6	11.4



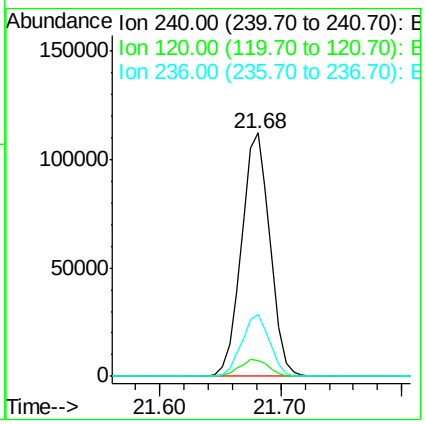


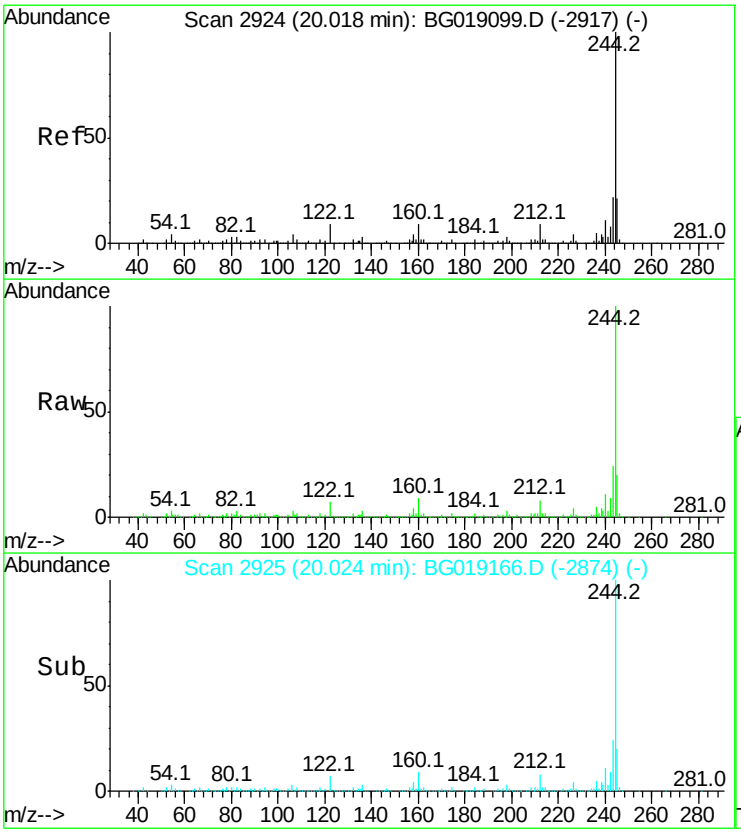
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.68 min Scan# 3207
Delta R.T. -0.01 min
Lab File: BG019166.D
Acq: 12 Oct 2015 20:28

Instrument :
BNA_G
ClientSampleId :
OW1-C6-GW

Tgt Ion:240 Resp: 184291

Ion	Ratio	Lower	Upper
240	100		
120	6.6	5.8	8.6
236	25.3	21.2	31.8

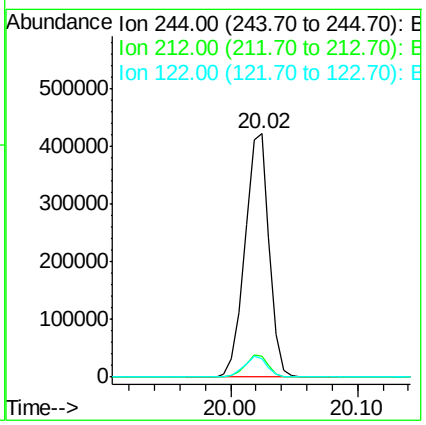


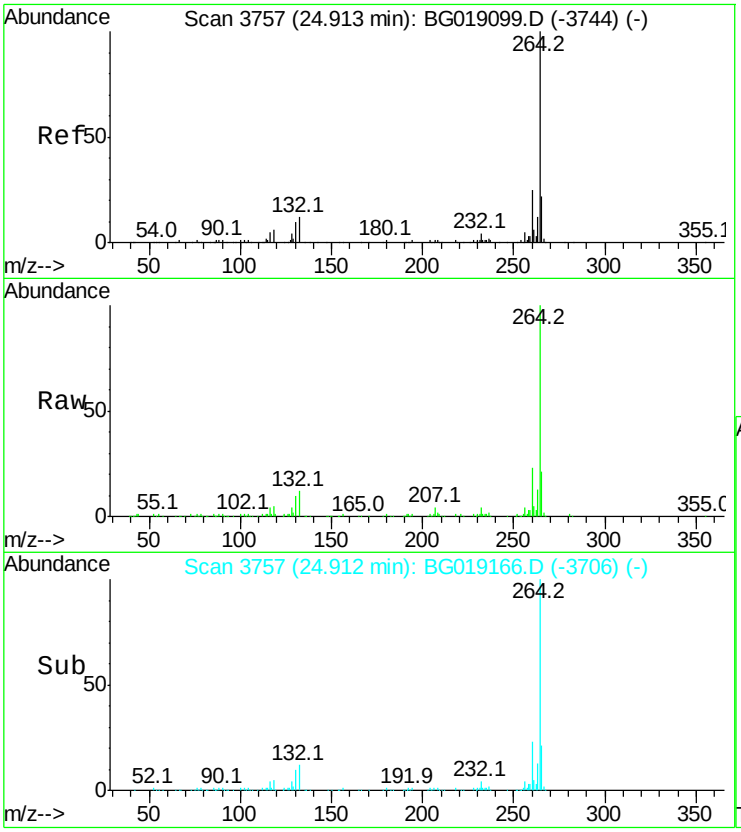


#78
Terphenyl-d14
Concen: 80.22 ng
RT: 20.02 min Scan# 2925
Delta R.T. -0.00 min
Lab File: BG019166.D
Acq: 12 Oct 2015 20:28

Tgt Ion:244 Resp: 559646

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.8	10.2
122	7.5	7.4	11.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.91 min Scan# 3757
Delta R.T. -0.00 min
Lab File: BG019166.D
Acq: 12 Oct 2015 20:28

Instrument :
BNA_G
ClientSampleId :
OW1-C6-GW

Tgt Ion:264 Resp: 184562

Ion	Ratio	Lower	Upper
264	100		
260	23.4	20.1	30.1
265	20.7	17.2	25.8