Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091215\
Data File : BG018634.D
Acq On : 11 Sep 2015 11:43
Operator : UM/IZ
Sample : PB85471TB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB85471TB

Quant Time: Sep 11 12:44:13 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 11 10:44:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	58598	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	233847	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	158004	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	454338	20.00	ng	0.00
75) Chrysene-d12	21.63	240	497511	20.00	ng	0.00
86) Perylene-d12	24.83	264	486823	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	421637	124.30	ng	0.00
7) Phenol-d6	7.17	99	580429	119.34	ng	0.00
23) Nitrobenzene-d5	9.16	82	322778	77.24	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	262889	123.57	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	845166	74.25	ng	0.00
78) Terphenyl-d14	19.99	244	1462289	77.18	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.94	122	66	7.95	ng	# 1
53) 2,4-Dinitrophenol	14.65	184	72	7.69	ng	# 65
64) 4,6-Dinitro-2-methylphenol	15.70	198	61	5.42	ng	# 37

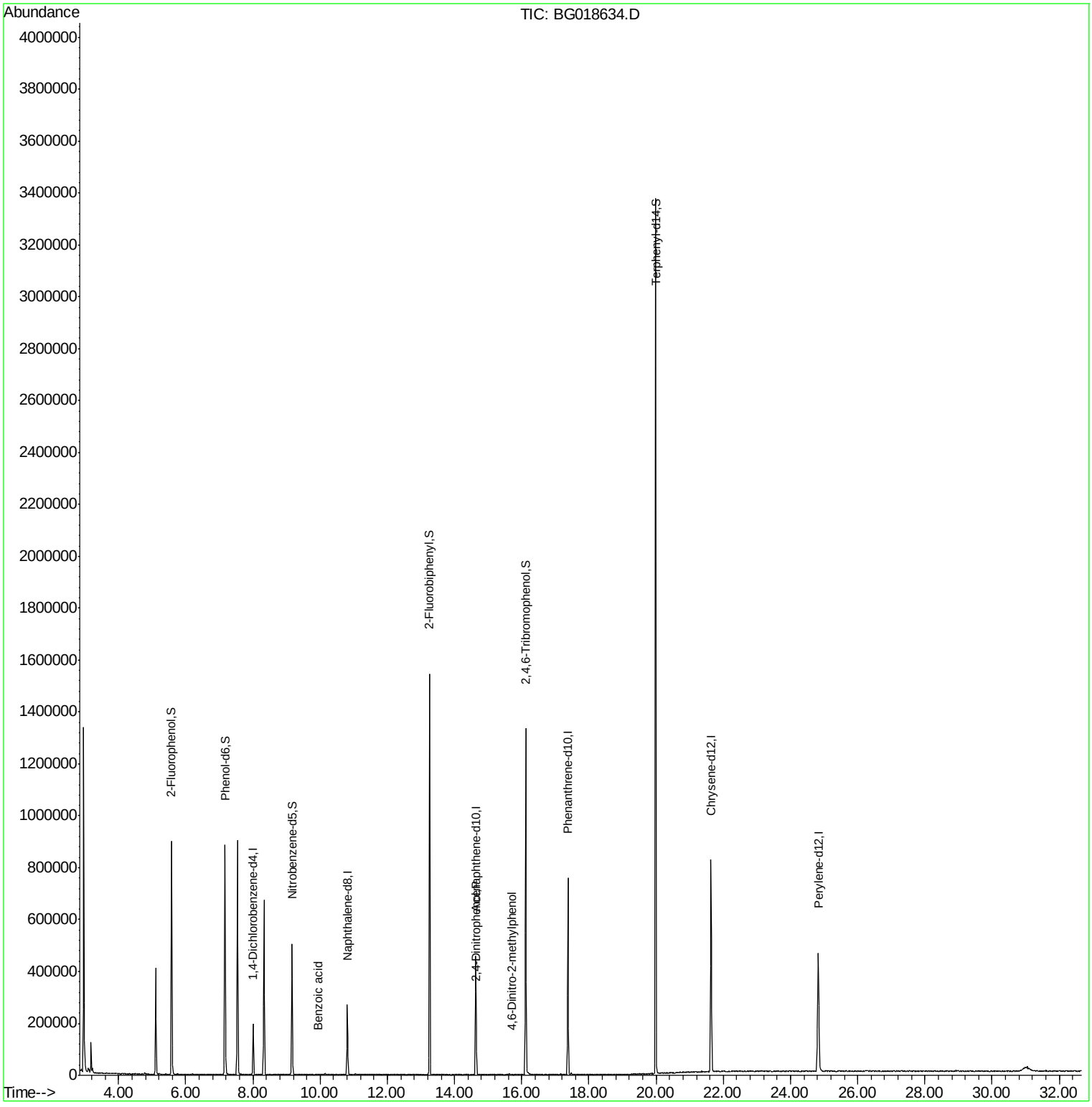
(#) = qualifier out of range (m) = manual integration (+) = signals summed

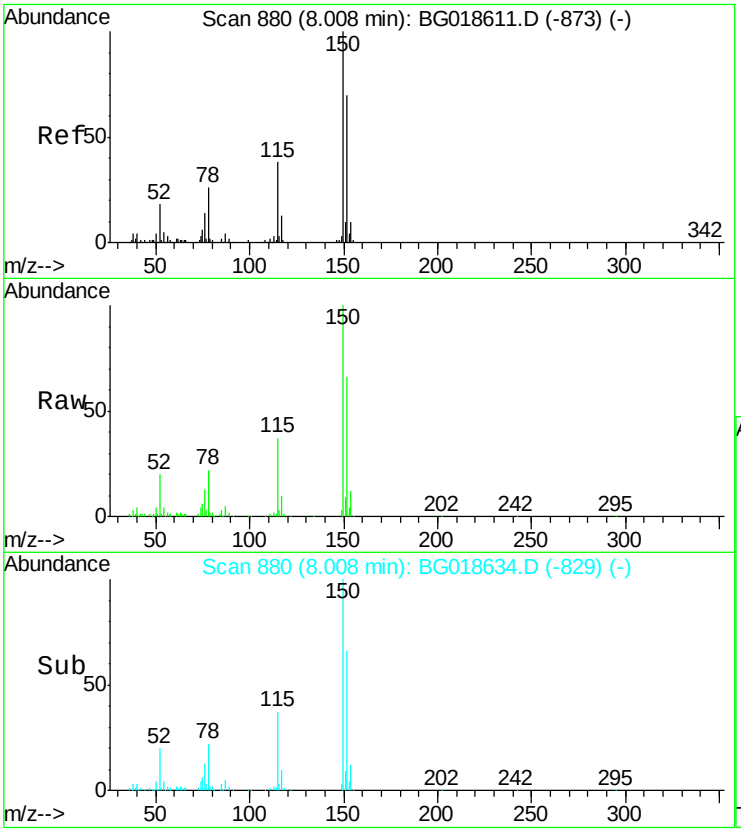
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091215\
Data File : BG018634.D
Acq On : 11 Sep 2015 11:43
Operator : UM/IZ
Sample : PB85471TB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB85471TB

Quant Time: Sep 11 12:44:13 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 11 10:44:16 2015
Response via : Initial Calibration



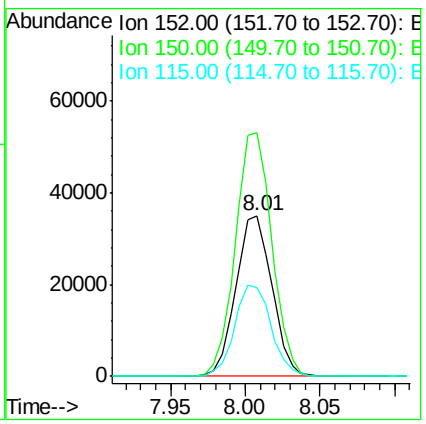


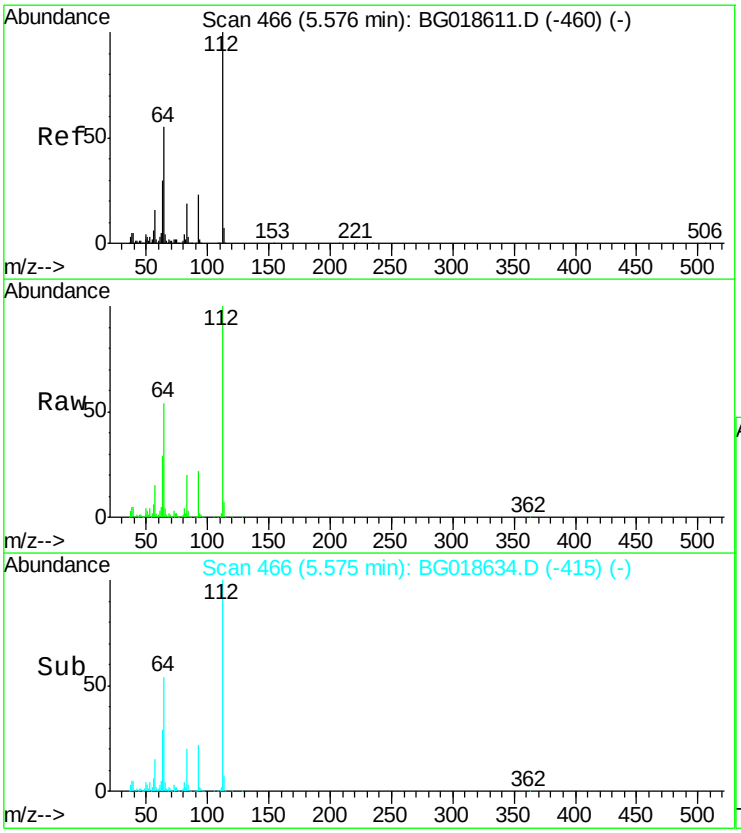
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.01 min Scan# 880
Delta R.T. -0.00 min
Lab File: BG018634.D
Acq: 11 Sep 2015 11:43

Instrument :
BNA_G
ClientSampleId :
PB85471TB

Tgt Ion:152 Resp: 58598

Ion	Ratio	Lower	Upper
152	100		
150	151.4	115.0	172.4
115	55.5	43.9	65.9

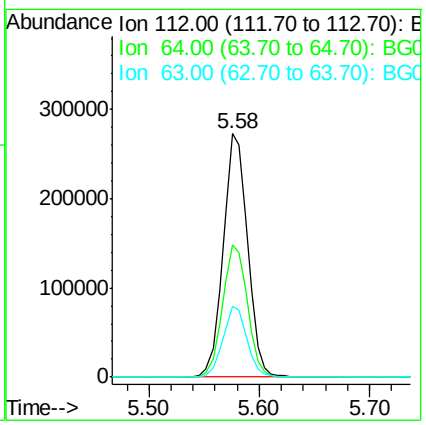


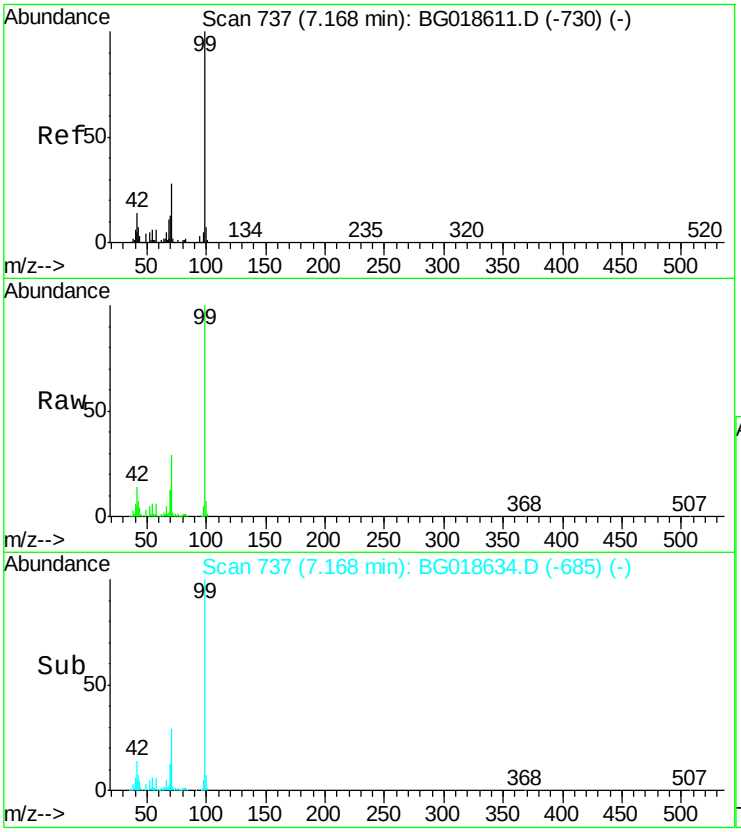


#5
2-Fluorophenol
Concen: 124.30 ng
RT: 5.58 min Scan# 466
Delta R.T. -0.00 min
Lab File: BG018634.D
Acq: 11 Sep 2015 11:43

Tgt Ion:112 Resp: 421637

Ion	Ratio	Lower	Upper
112	100		
64	54.3	43.7	65.5
63	29.3	24.0	36.0



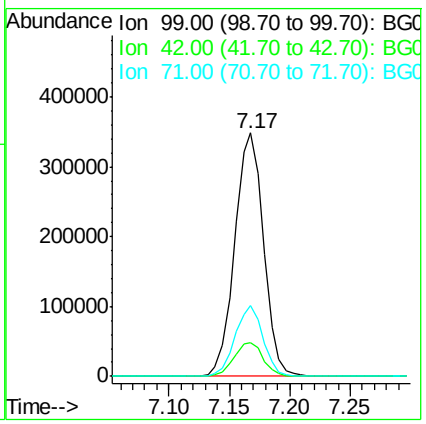


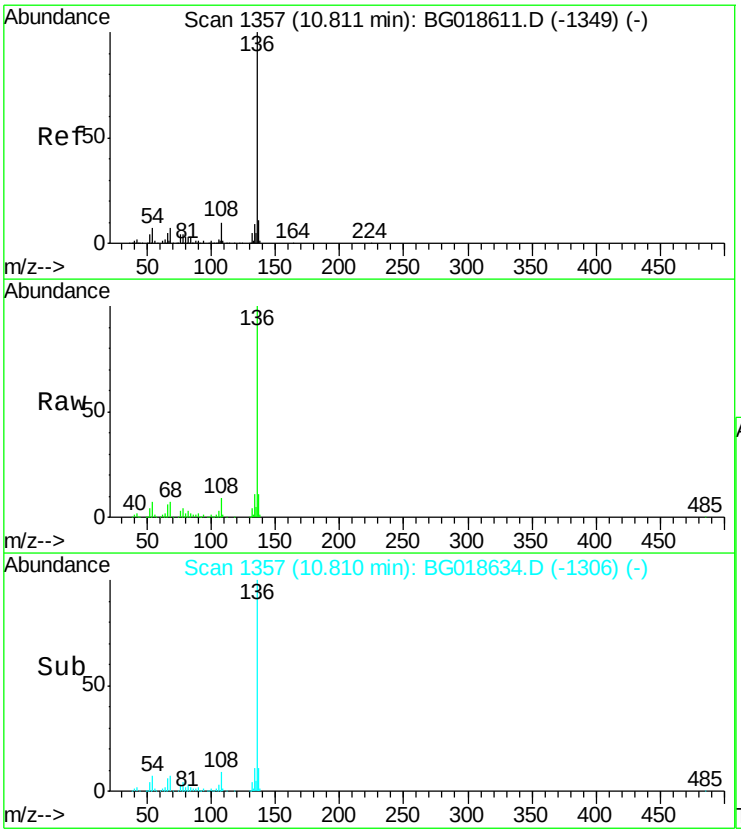
#7
Phenol-d6
Concen: 119.34 ng
RT: 7.17 min Scan# 737
Delta R.T. 0.00 min
Lab File: BG018634.D
Acq: 11 Sep 2015 11:43

Instrument :
BNA_G
ClientSampleId :
PB85471TB

Tgt Ion: 99 Resp: 580429

Ion	Ratio	Lower	Upper
99	100		
42	13.9	11.5	17.3
71	29.1	22.6	34.0

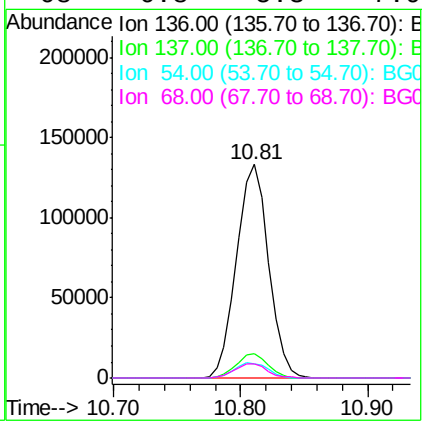


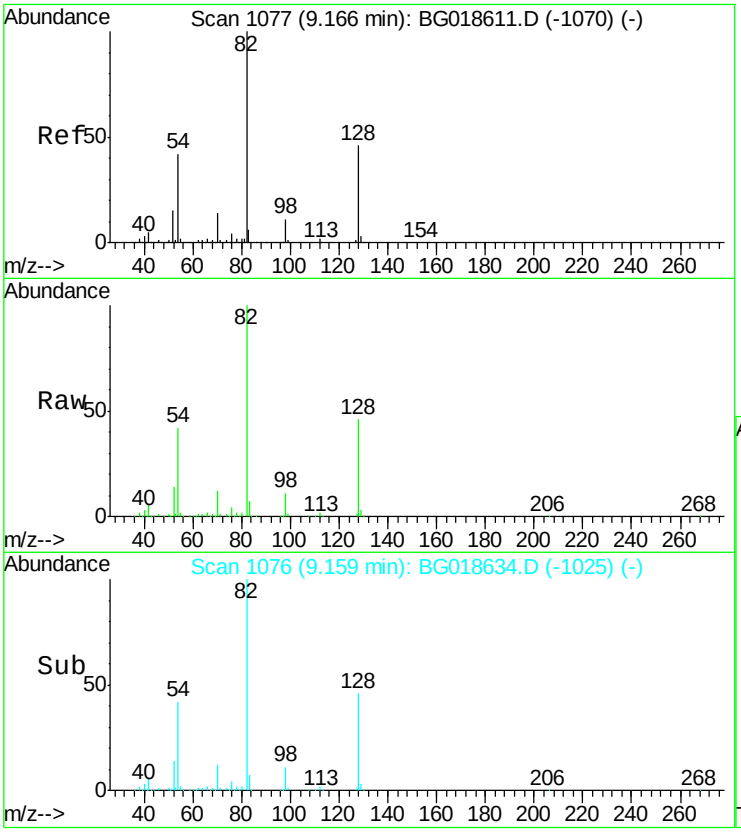


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.81 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG018634.D
Acq: 11 Sep 2015 11:43

Tgt Ion:136 Resp: 233847

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	6.9	5.4	8.2
68	6.8	5.3	7.9



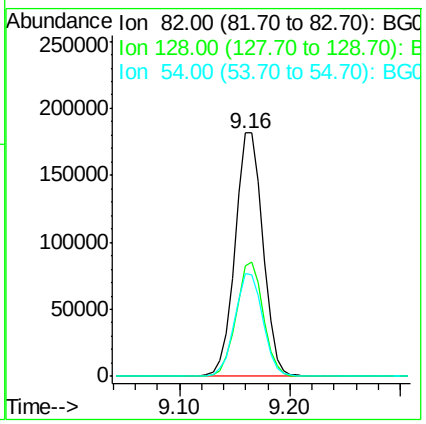


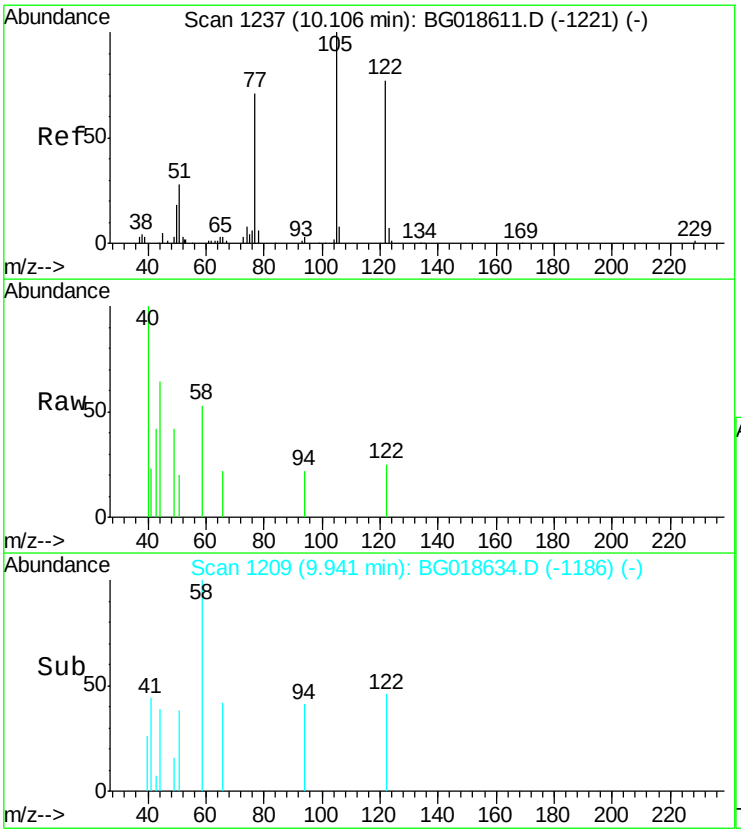
#23
Nitrobenzene-d5
Concen: 77.24 ng
RT: 9.16 min Scan# 1076
Delta R.T. -0.00 min
Lab File: BG018634.D
Acq: 11 Sep 2015 11:43

Instrument :
BNA_G
ClientSampleId :
PB85471TB

Tgt Ion: 82 Resp: 322778

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.7	55.1
54	42.2	33.8	50.8

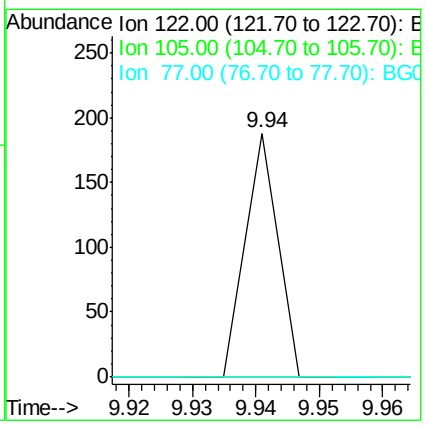


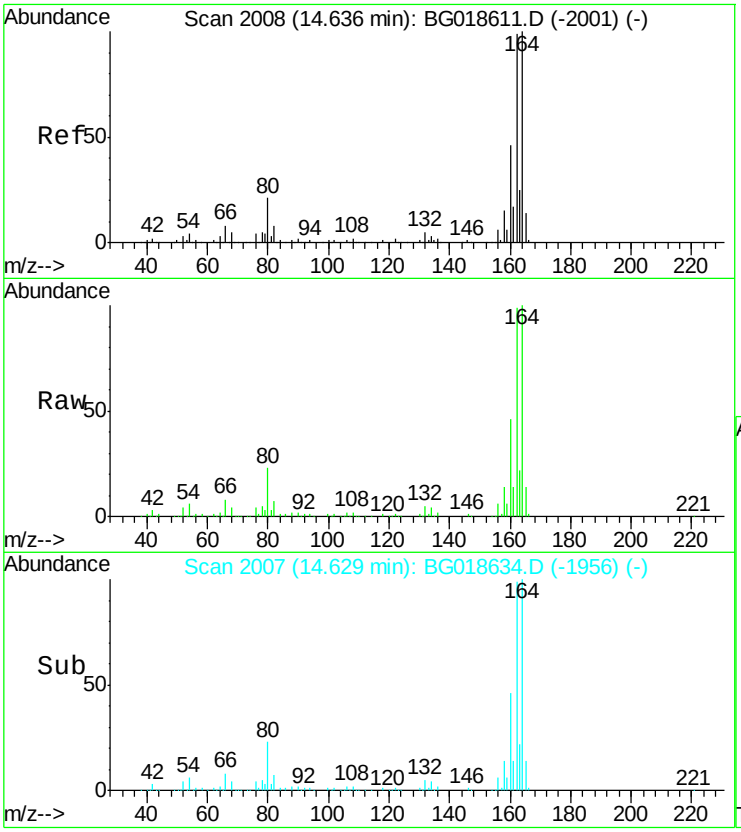


#32
Benzoic acid
Concen: 7.95 ng
RT: 9.94 min Scan# 1209
Delta R.T. -0.16 min
Lab File: BG018634.D
Acq: 11 Sep 2015 11:43

Tgt Ion:122 Resp: 66

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.8	143.8#
77	0.0	68.8	108.8#



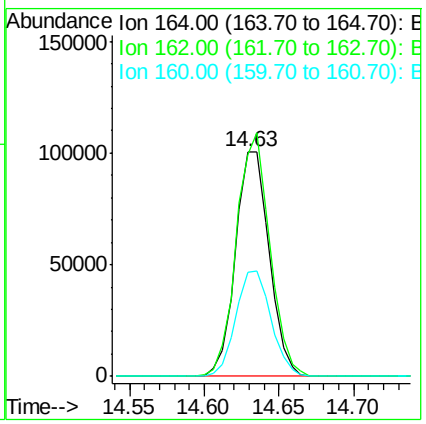


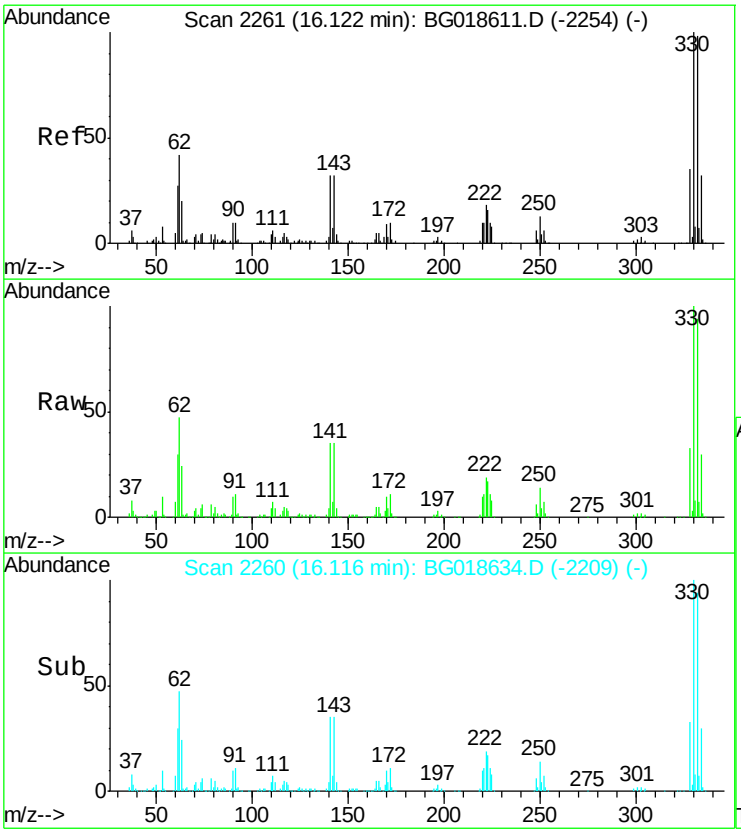
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG018634.D
Acq: 11 Sep 2015 11:43

Instrument :
BNA_G
ClientSampleId :
PB85471TB

Tgt Ion:164 Resp: 158004

Ion	Ratio	Lower	Upper
164	100		
162	98.8	78.8	118.2
160	46.0	36.4	54.6

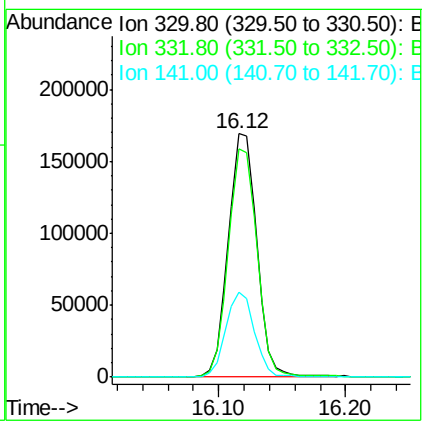


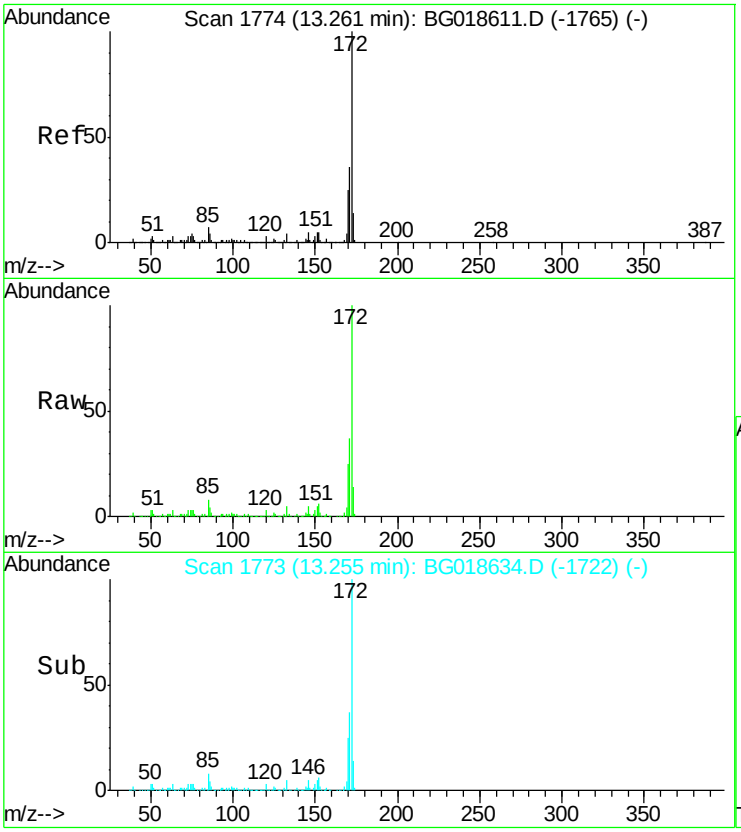


#41
2,4,6-Tribromophenol
Concen: 123.57 ng
RT: 16.12 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BG018634.D
Acq: 11 Sep 2015 11:43

Tgt Ion:330 Resp: 262889

Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.1	117.1
141	34.9	28.2	42.2



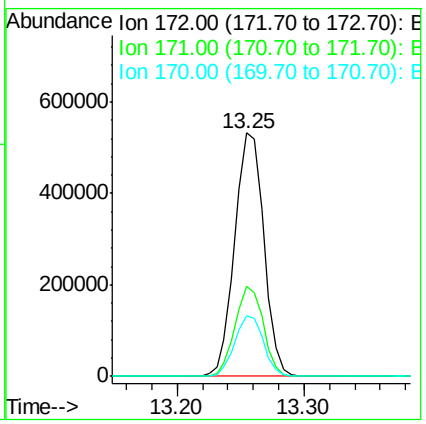


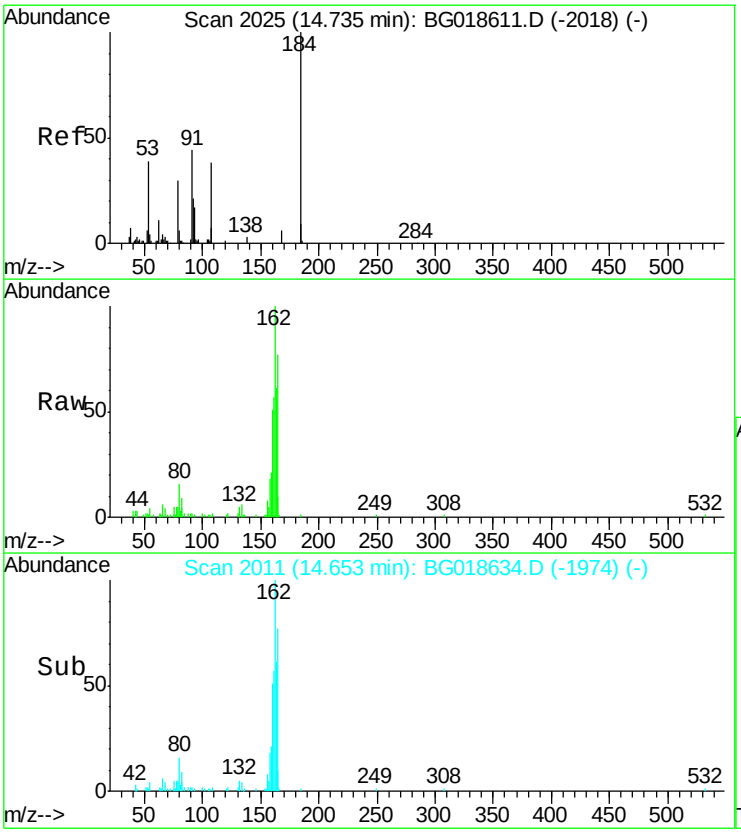
#44
2-Fluorobiphenyl
Concen: 74.25 ng
RT: 13.25 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG018634.D
Acq: 11 Sep 2015 11:43

Instrument :
BNA_G
ClientSampleId :
PB85471TB

Tgt Ion:172 Resp: 845166

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.0	43.6
170	25.1	19.9	29.9

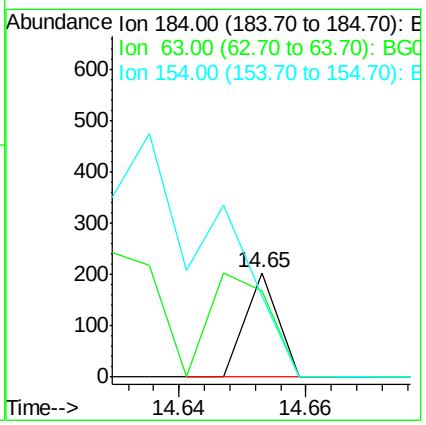


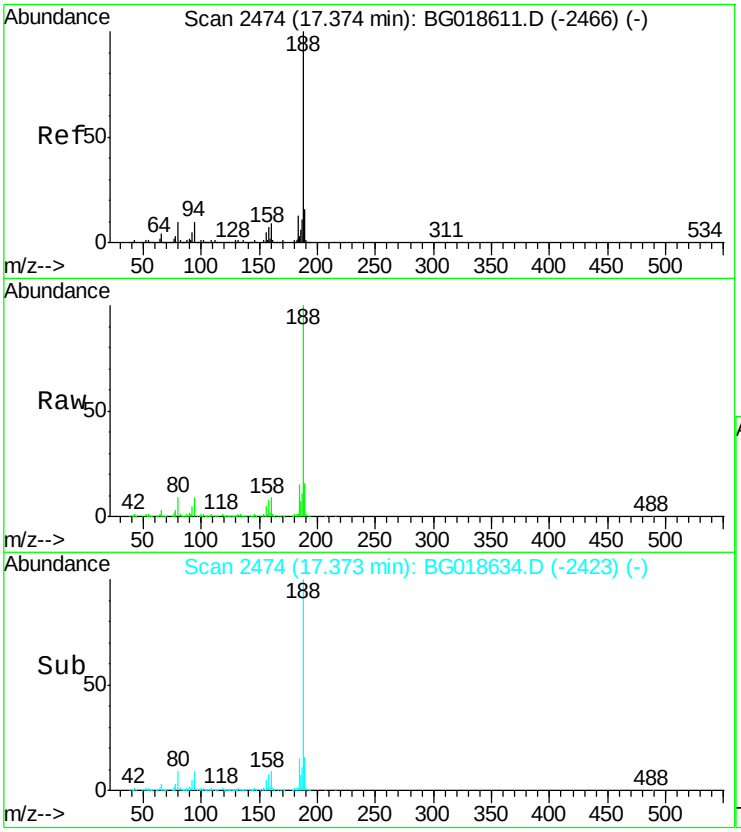


#53
2,4-Dinitrophenol
Concen: 7.69 ng
RT: 14.65 min Scan# 2011
Delta R.T. -0.08 min
Lab File: BG018634.D
Acq: 11 Sep 2015 11:43

Tgt Ion:184 Resp: 72

Ion	Ratio	Lower	Upper
184	100		
63	81.9	42.7	64.1#
154	77.9	44.3	66.5#



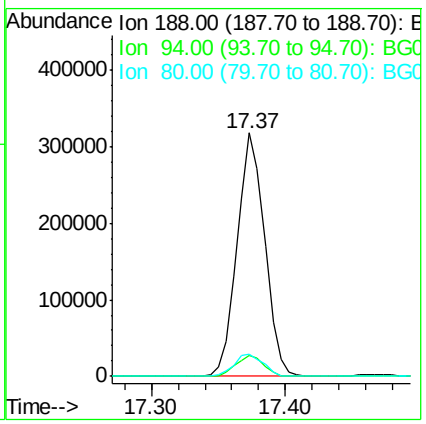


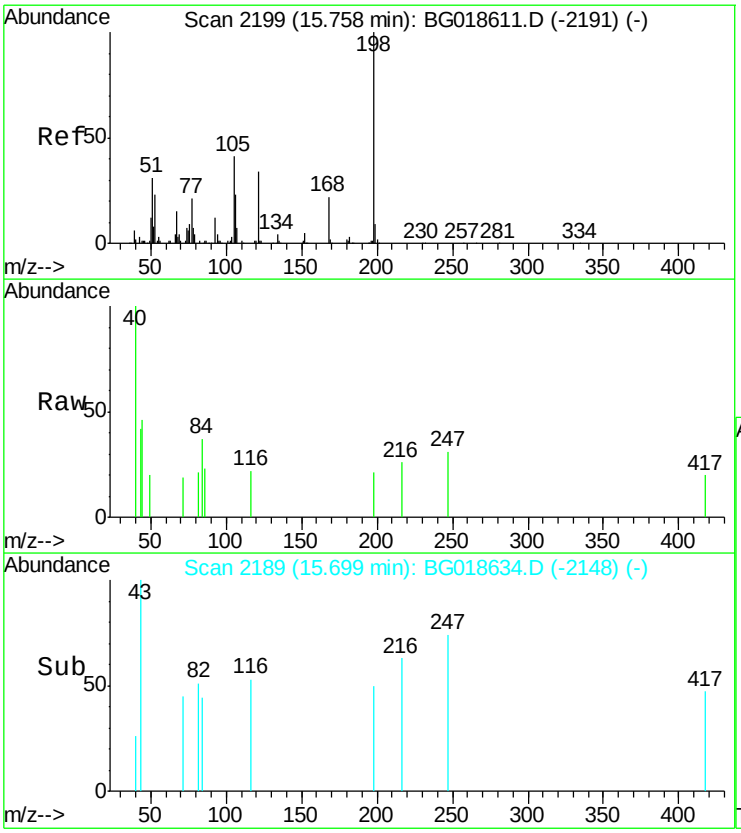
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2474
Delta R.T. -0.00 min
Lab File: BG018634.D
Acq: 11 Sep 2015 11:43

Instrument :
BNA_G
ClientSampleId :
PB85471TB

Tgt Ion:188 Resp: 454338

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.7	11.5
80	9.3	7.8	11.8

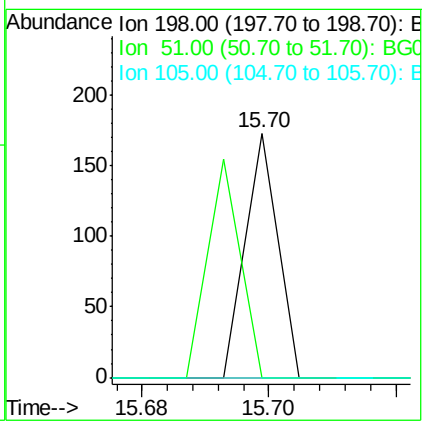


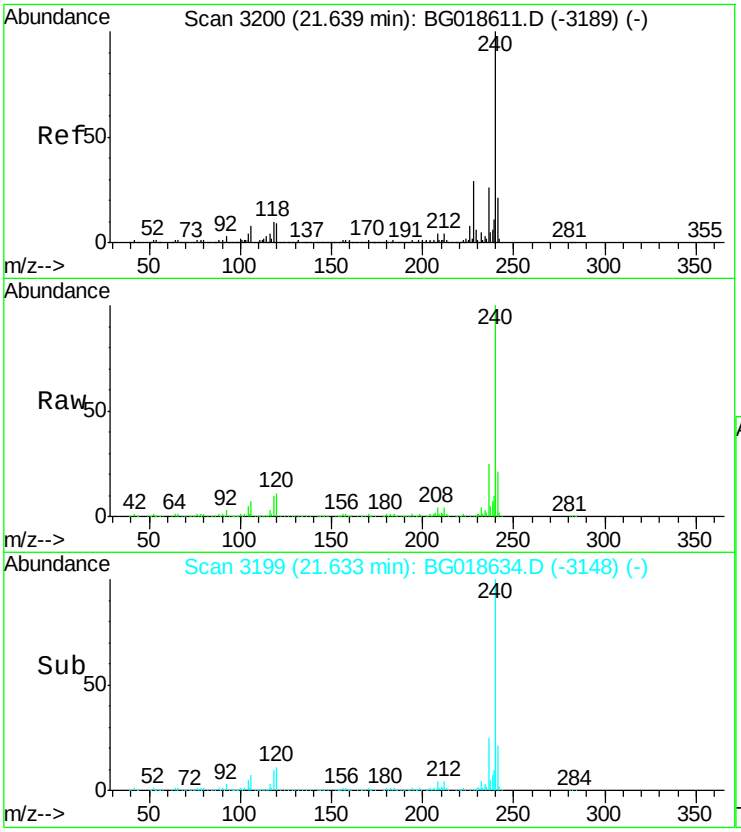


#64
4,6-Dinitro-2-methylphenol
Concen: 5.42 ng
RT: 15.70 min Scan# 2189
Delta R.T. -0.06 min
Lab File: BG018634.D
Acq: 11 Sep 2015 11:43

Tgt Ion:198 Resp: 61

Ion	Ratio	Lower	Upper
198	100		
51	0.0	14.2	54.2#
105	0.0	21.1	61.1#



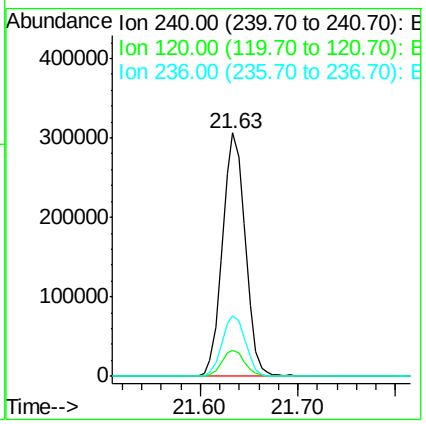


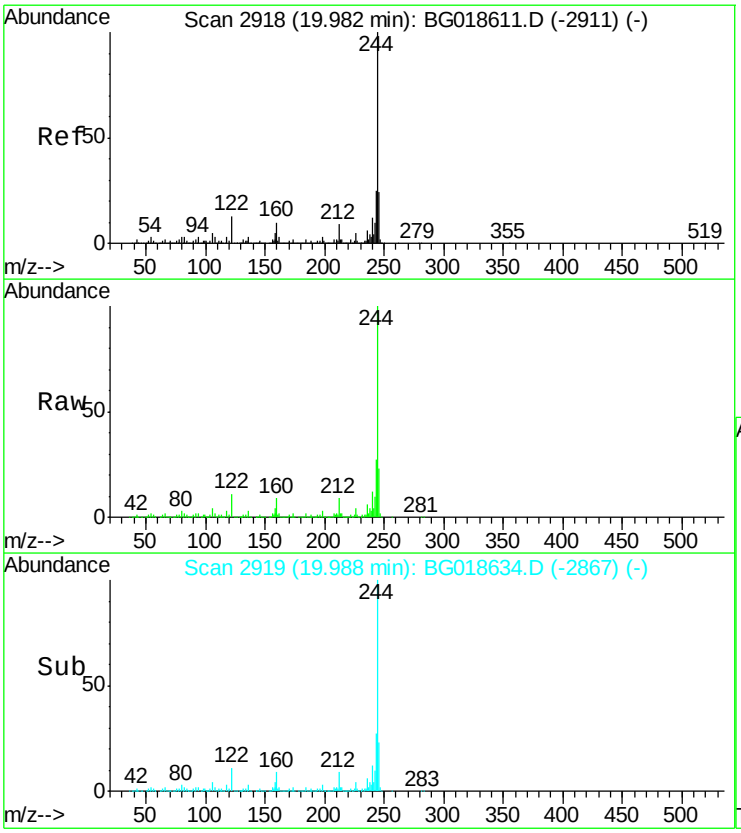
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3199
Delta R.T. -0.00 min
Lab File: BG018634.D
Acq: 11 Sep 2015 11:43

Instrument :
BNA_G
ClientSampleId :
PB85471TB

Tgt Ion:240 Resp: 497511

Ion	Ratio	Lower	Upper
240	100		
120	10.8	7.4	11.0
236	25.1	20.7	31.1

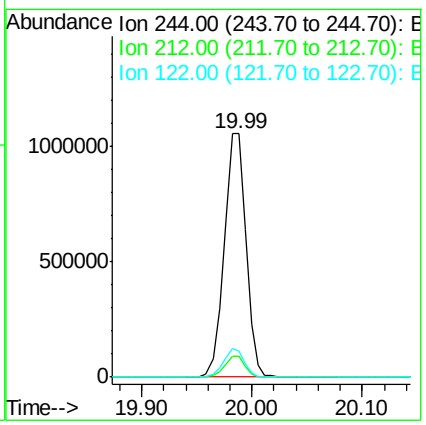


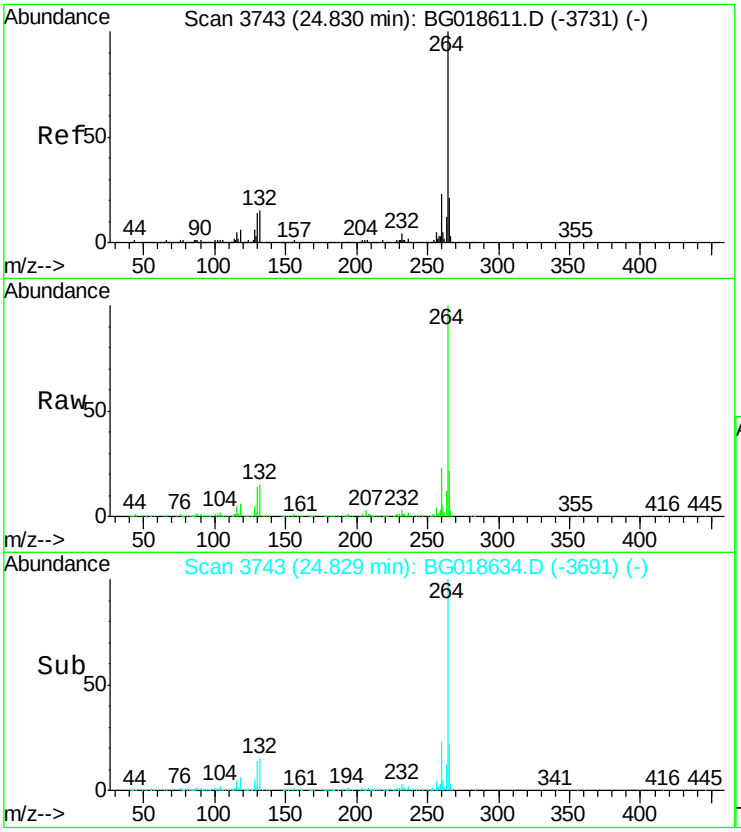


#78
Terphenyl-d14
Concen: 77.18 ng
RT: 19.99 min Scan# 2919
Delta R.T. 0.00 min
Lab File: BG018634.D
Acq: 11 Sep 2015 11:43

Tgt Ion:244 Resp: 1462289

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.9	10.3
122	10.7	10.2	15.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.83 min Scan# 3743
Delta R.T. 0.00 min
Lab File: BG018634.D
Acq: 11 Sep 2015 11:43

Instrument :
BNA_G
ClientSampleId :
PB85471TB

Tgt Ion:264 Resp: 486823

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.5	27.7
265	22.0	17.2	25.8