Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101215\
Data File : BG019157.D
Acq On : 12 Oct 2015 11:46
Operator : UM/NP
Sample : G3978-10
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW18

Quant Time: Oct 13 01:04:06 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 10 07:04:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	18136	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	81425	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	57169	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	131323	20.00	ng	0.00
75) Chrysene-d12	21.68	240	147563	20.00	ng	0.00
86) Perylene-d12	24.91	264	149087	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	61530	69.08	ng	0.00
7) Phenol-d6	7.20	99	62612	45.76	ng	0.00
23) Nitrobenzene-d5	9.19	82	135688	92.08	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	104979	134.75	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	324737	87.34	ng	0.00
78) Terphenyl-d14	20.02	244	428801	76.76	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.31	122	55	7.86	ng	# 1
37) 2-Methylnaphthalene	12.71	142	30460	10.00	ng	95
49) Dimethylphthalate	14.11	163	44128	9.77	ng	99
57) Fluorene	15.71	166	8819	2.03	ng	97

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

Quantitation Report (Not Reviewed)

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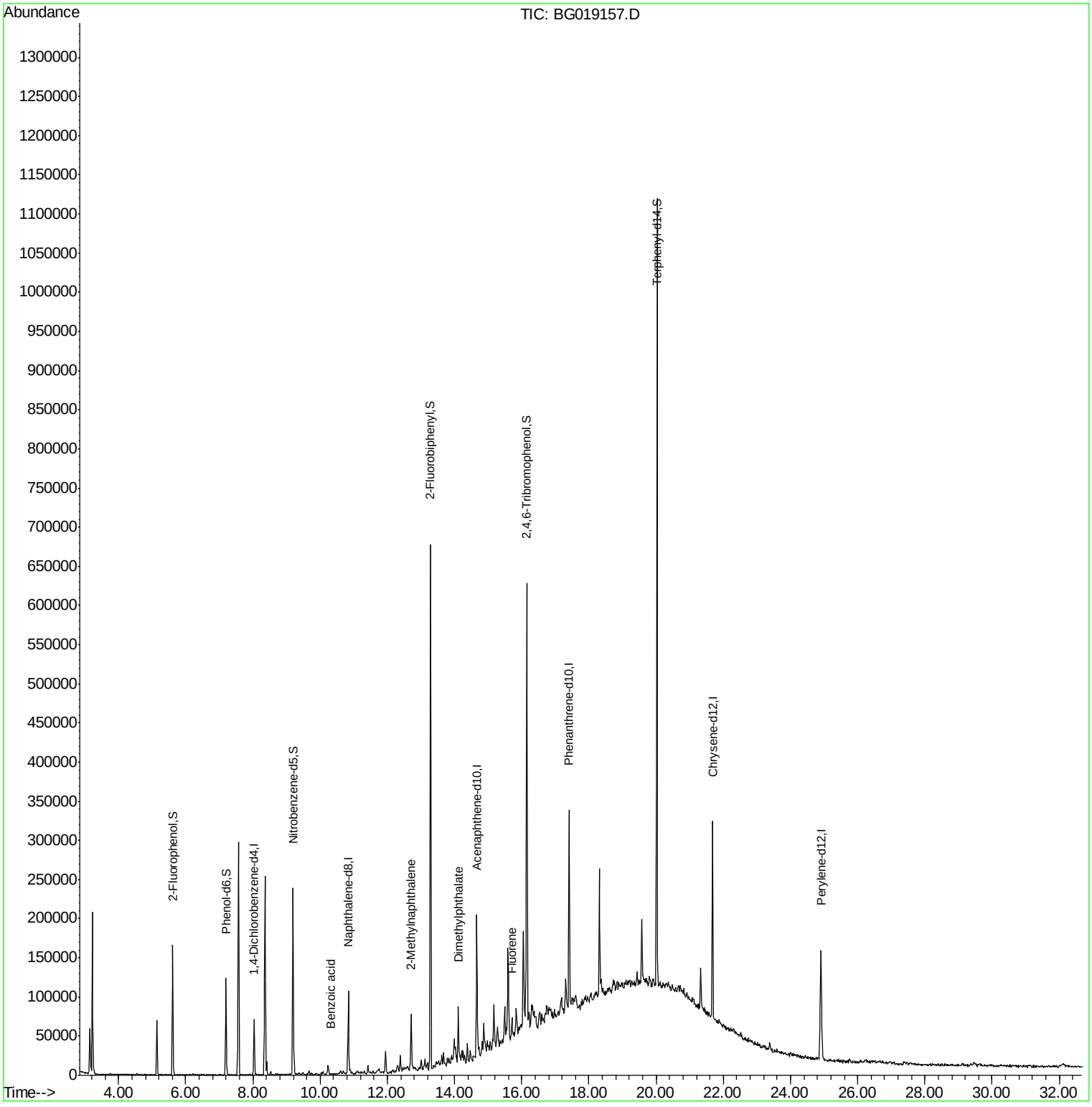
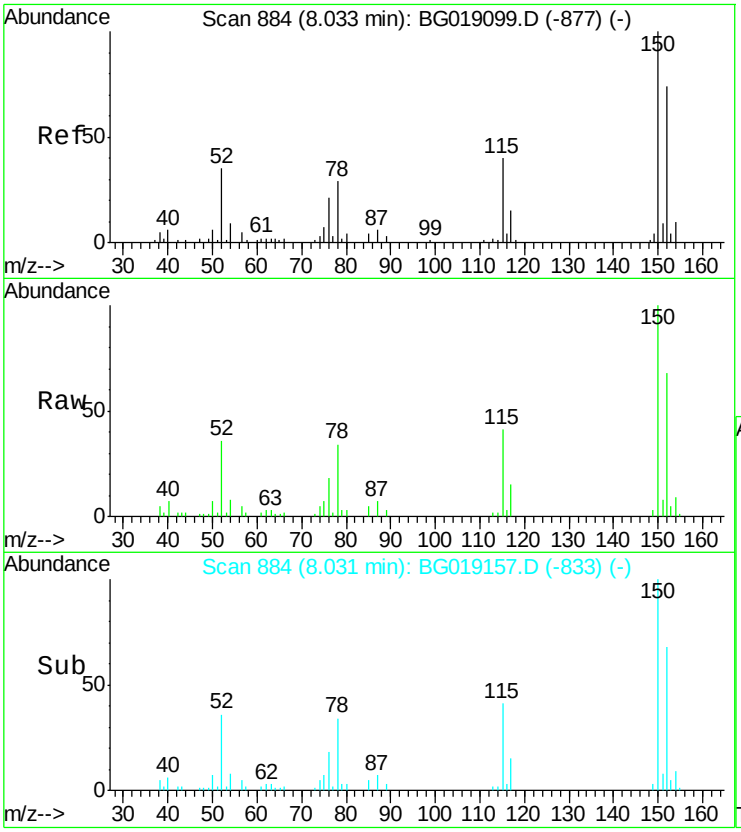


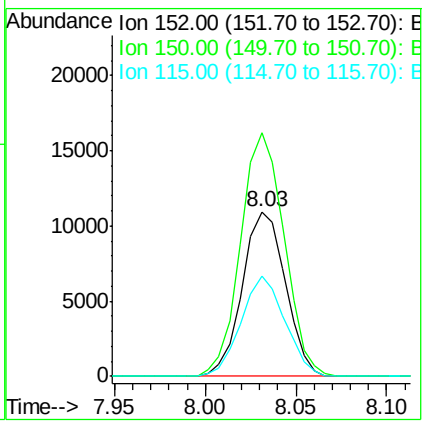


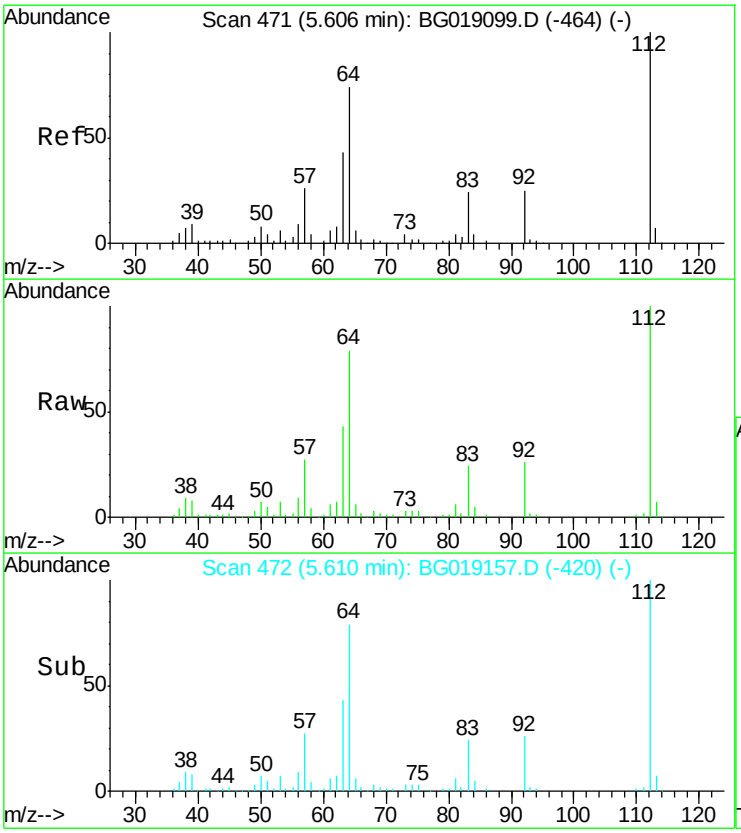
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 884
Delta R.T. -0.00 min
Lab File: BG019157.D
Acq: 12 Oct 2015 11:46

Instrument :
BNA_G
ClientSampleId :
MW18

Tgt Ion:152 Resp: 18136

Ion	Ratio	Lower	Upper
152	100		
150	148.1	108.2	162.2
115	61.0	43.2	64.8

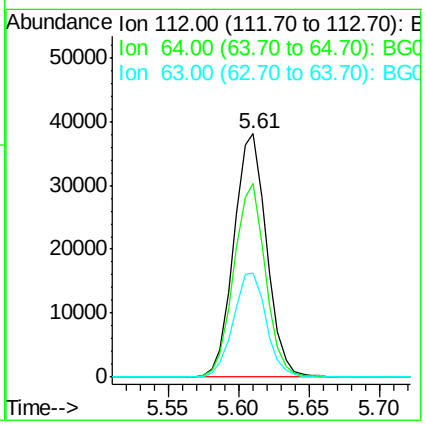


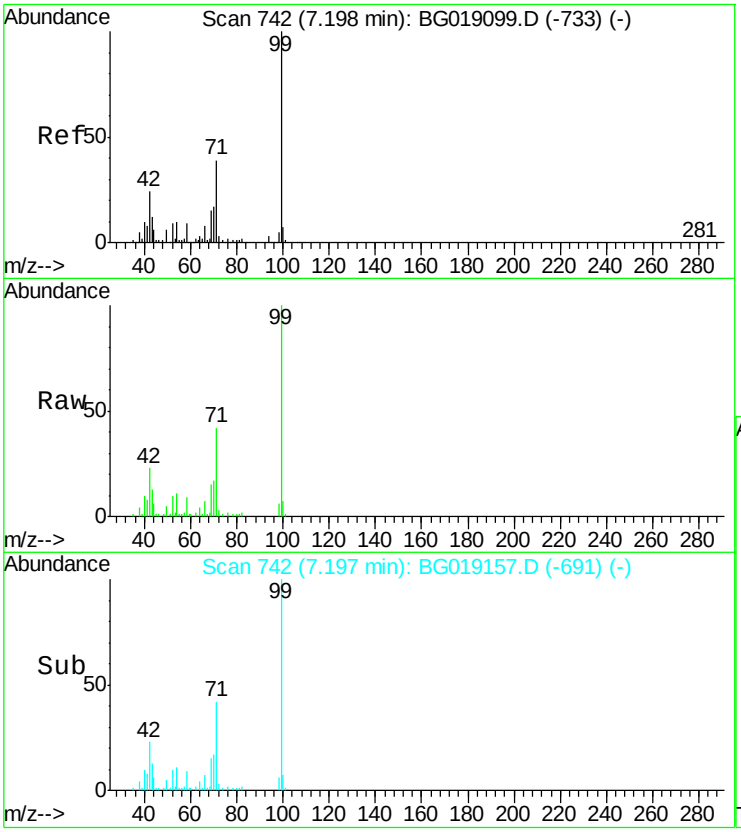


#5
2-Fluorophenol
Concen: 69.08 ng
RT: 5.61 min Scan# 472
Delta R.T. 0.00 min
Lab File: BG019157.D
Acq: 12 Oct 2015 11:46

Tgt Ion:112 Resp: 61530

Ion	Ratio	Lower	Upper
112	100		
64	79.4	59.0	88.4
63	42.9	34.7	52.1



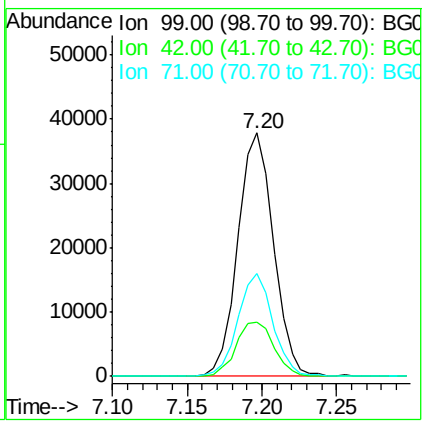


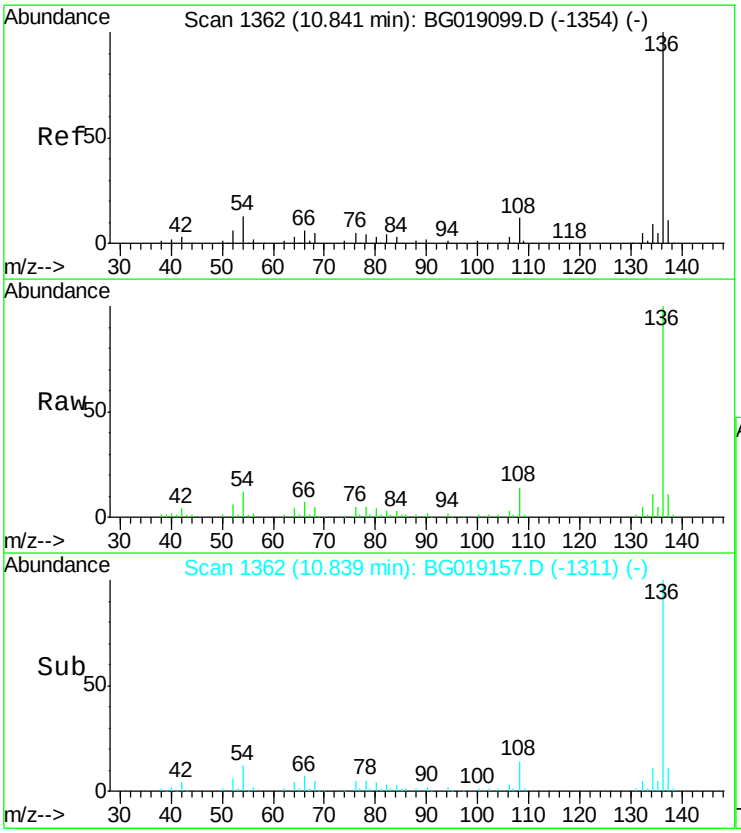
#7
Phenol-d6
Concen: 45.76 ng
RT: 7.20 min Scan# 742
Delta R.T. -0.00 min
Lab File: BG019157.D
Acq: 12 Oct 2015 11:46

Instrument :
BNA_G
ClientSampleId :
MW18

Tgt Ion: 99 Resp: 62612

Ion	Ratio	Lower	Upper
99	100		
42	22.5	19.5	29.3
71	42.2	31.4	47.0

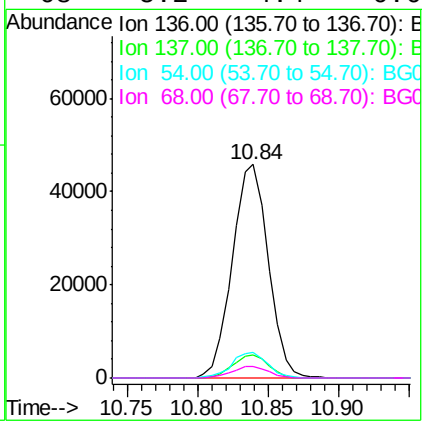


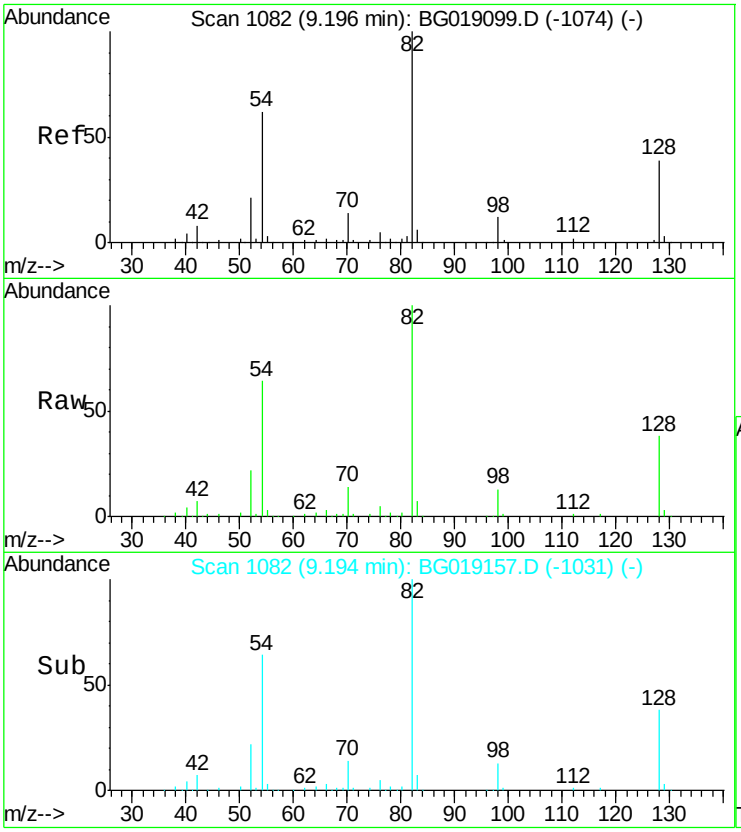


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BG019157.D
Acq: 12 Oct 2015 11:46

Tgt Ion:136 Resp: 81425

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	12.0	10.1	15.1
68	5.2	4.4	6.6



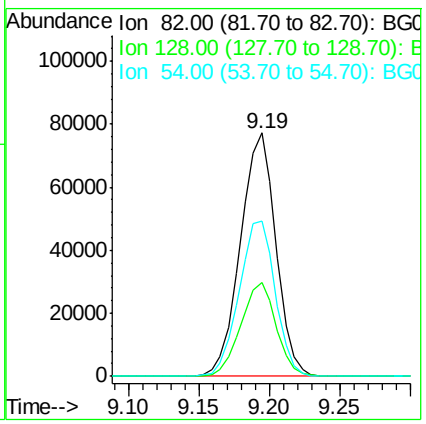


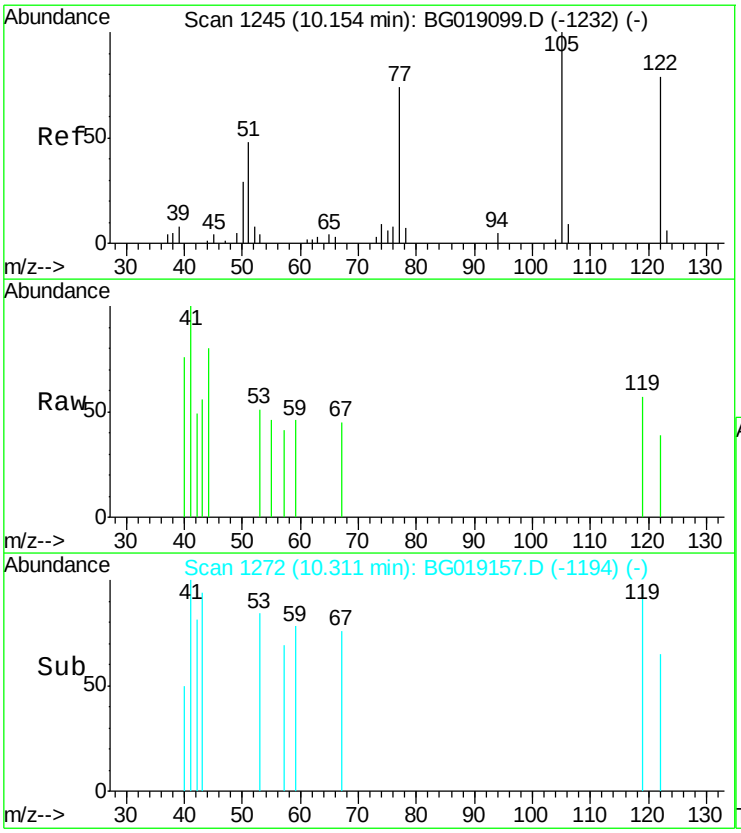
#23
Nitrobenzene-d5
Concen: 92.08 ng
RT: 9.19 min Scan# 1082
Delta R.T. -0.00 min
Lab File: BG019157.D
Acq: 12 Oct 2015 11:46

Instrument :
BNA_G
ClientSampleId :
MW18

Tgt Ion: 82 Resp: 135688

Ion	Ratio	Lower	Upper
82	100		
128	38.3	31.4	47.2
54	63.9	50.0	75.0

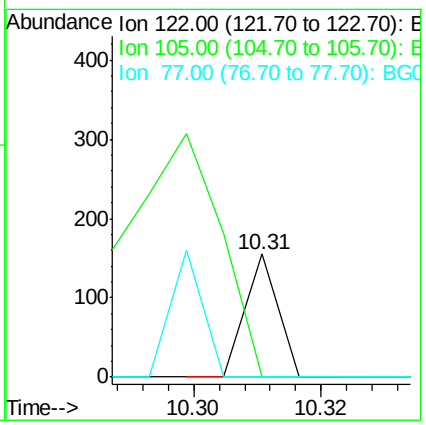


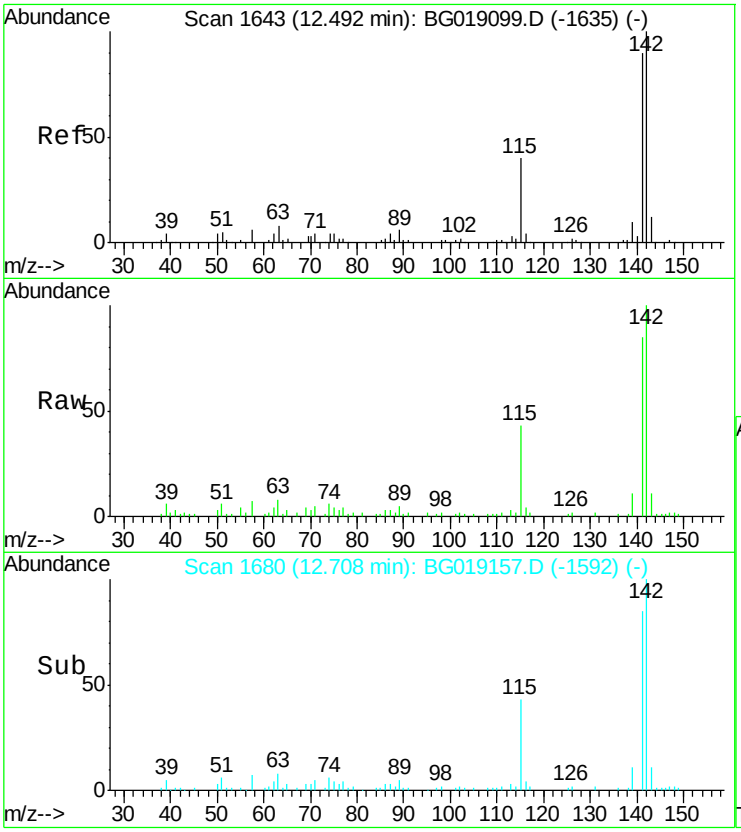


#32
Benzoic acid
Concen: 7.86 ng
RT: 10.31 min Scan# 1272
Delta R.T. 0.16 min
Lab File: BG019157.D
Acq: 12 Oct 2015 11:46

Tgt Ion:122 Resp: 55

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.0	147.0#
77	0.0	73.4	113.4#



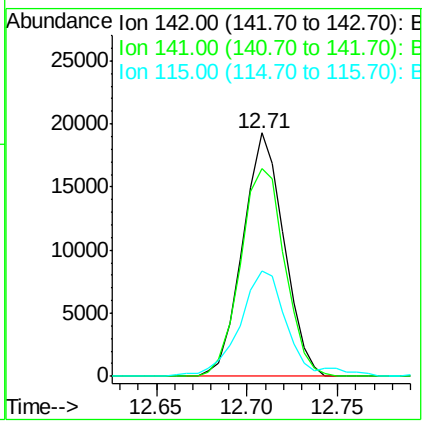


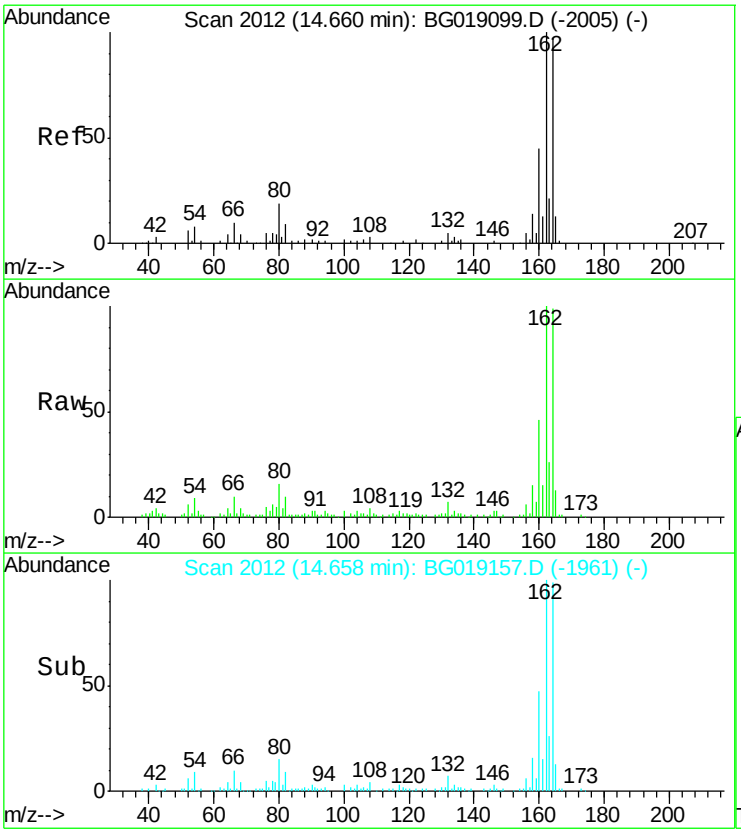
#37
2-Methylnaphthalene
Concen: 10.00 ng
RT: 12.71 min Scan# 1680
Delta R.T. 0.22 min
Lab File: BG019157.D
Acq: 12 Oct 2015 11:46

Instrument :
BNA_G
ClientSampleId :
MW18

Tgt Ion:142 Resp: 30460

Ion	Ratio	Lower	Upper
142	100		
141	85.3	72.1	108.1
115	43.3	31.8	47.8

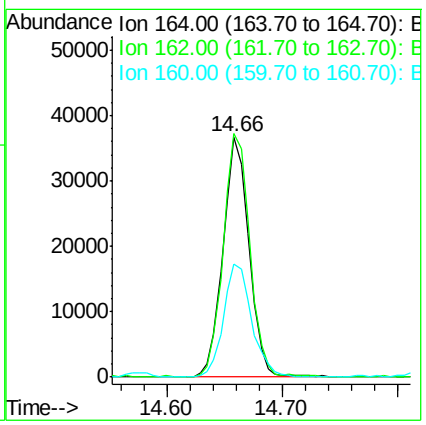


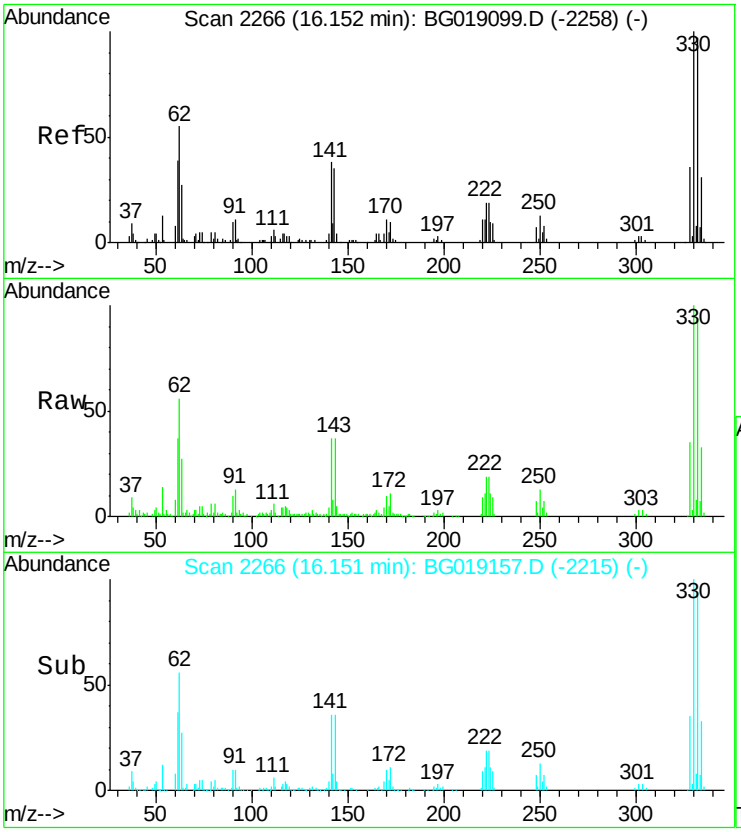


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG019157.D
Acq: 12 Oct 2015 11:46

Tgt Ion:164 Resp: 57169

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.6	124.0
160	47.1	36.9	55.3



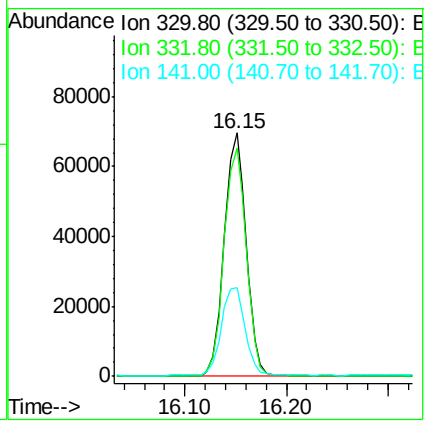


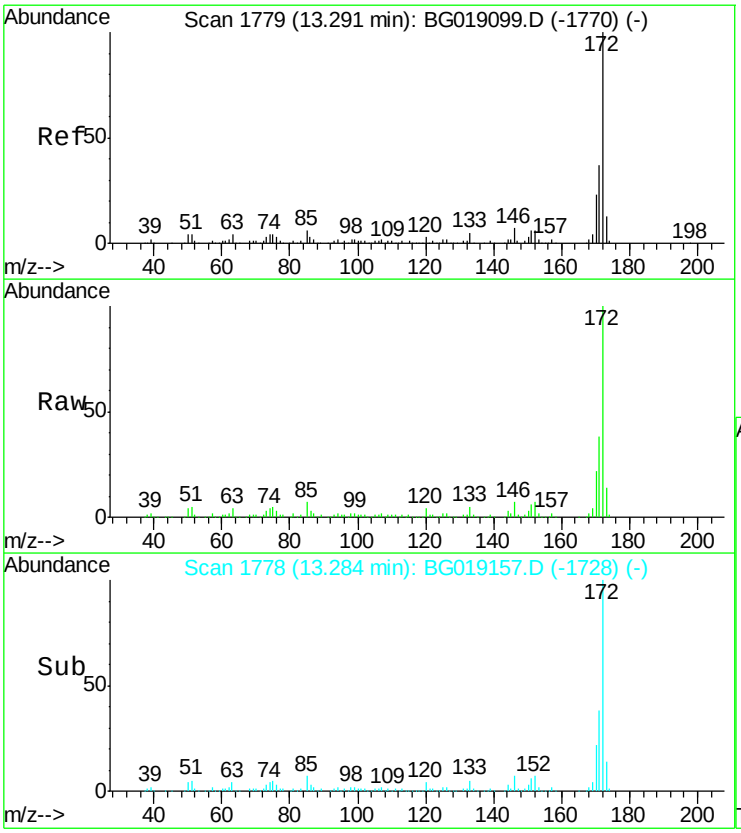
#41
2,4,6-Tribromophenol
Concen: 134.75 ng
RT: 16.15 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BG019157.D
Acq: 12 Oct 2015 11:46

Instrument :
BNA_G
ClientSampleId :
MW18

Tgt Ion:330 Resp: 104979

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.3	115.9
141	38.3	30.7	46.1

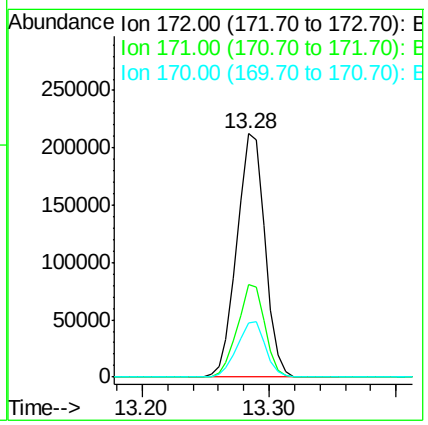


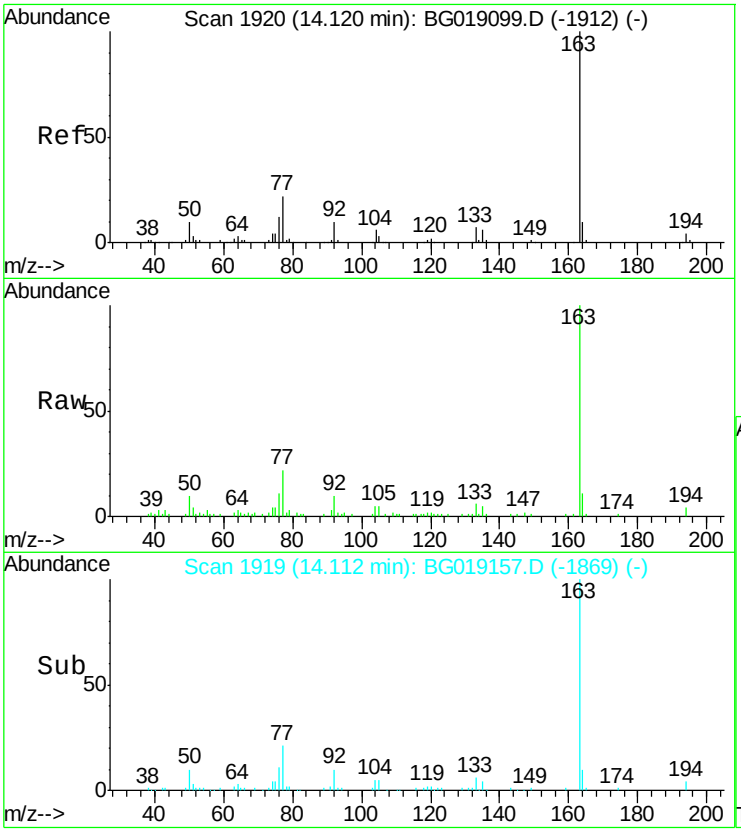


#44
2-Fluorobiphenyl
Concen: 87.34 ng
RT: 13.28 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BG019157.D
Acq: 12 Oct 2015 11:46

Tgt Ion:172 Resp: 324737

Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.9	44.9
170	22.4	18.6	27.8



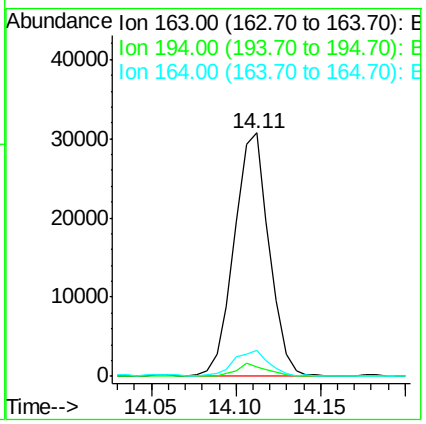


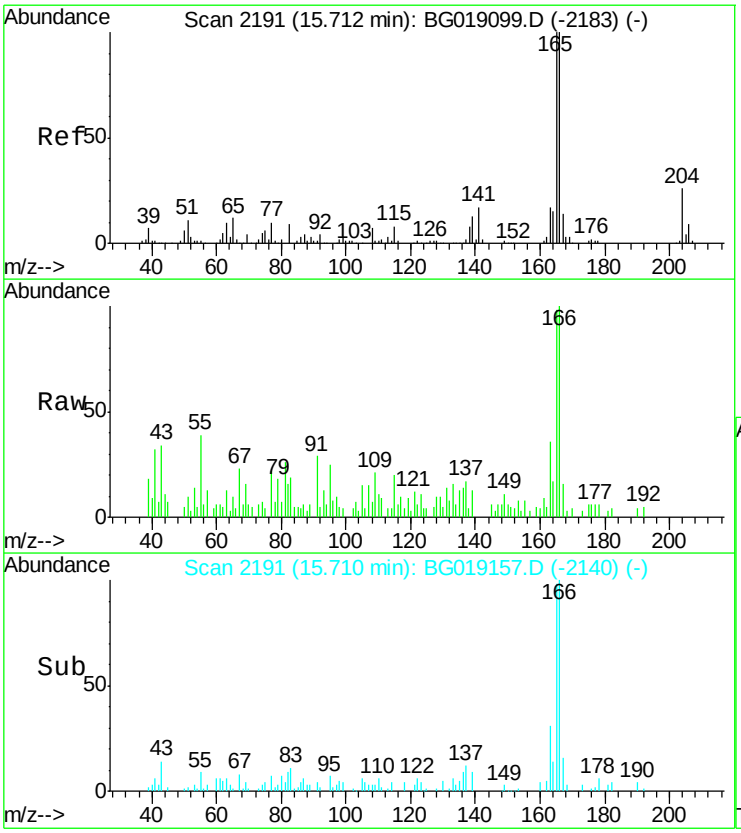
#49
Dimethylphthalate
Concen: 9.77 ng
RT: 14.11 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BG019157.D
Acq: 12 Oct 2015 11:46

Instrument :
BNA_G
ClientSampleId :
MW18

Tgt Ion:163 Resp: 44128

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.8	8.1	12.1

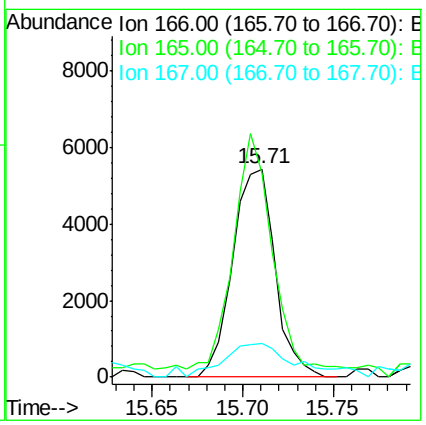


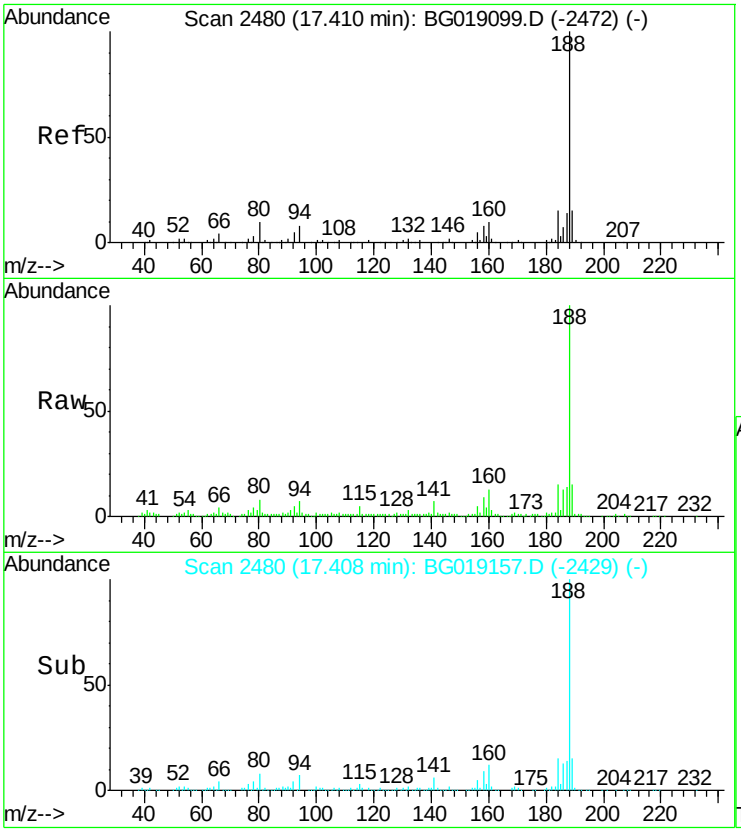


#57
Fluorene
Concen: 2.03 ng
RT: 15.71 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BG019157.D
Acq: 12 Oct 2015 11:46

Tgt Ion:166 Resp: 8819

Ion	Ratio	Lower	Upper
166	100		
165	97.8	80.2	120.2
167	16.2	11.4	17.0



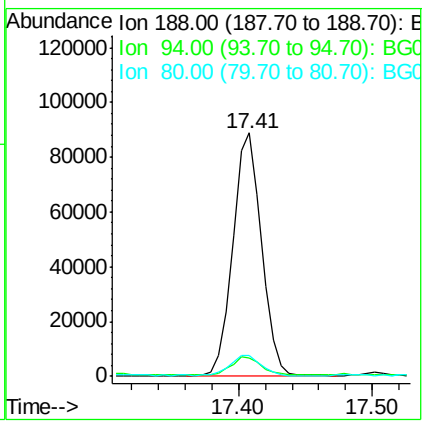


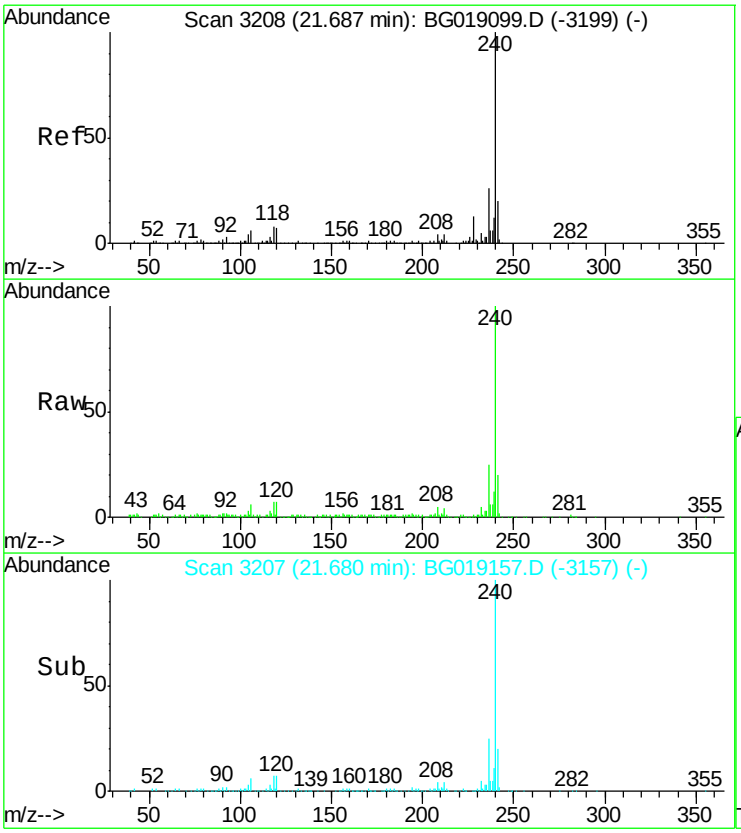
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BG019157.D
Acq: 12 Oct 2015 11:46

Instrument :
BNA_G
ClientSampleId :
MW18

Tgt Ion:188 Resp: 131323

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.4	9.6
80	8.5	7.6	11.4

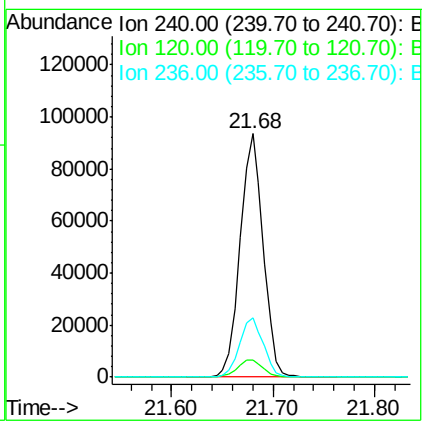


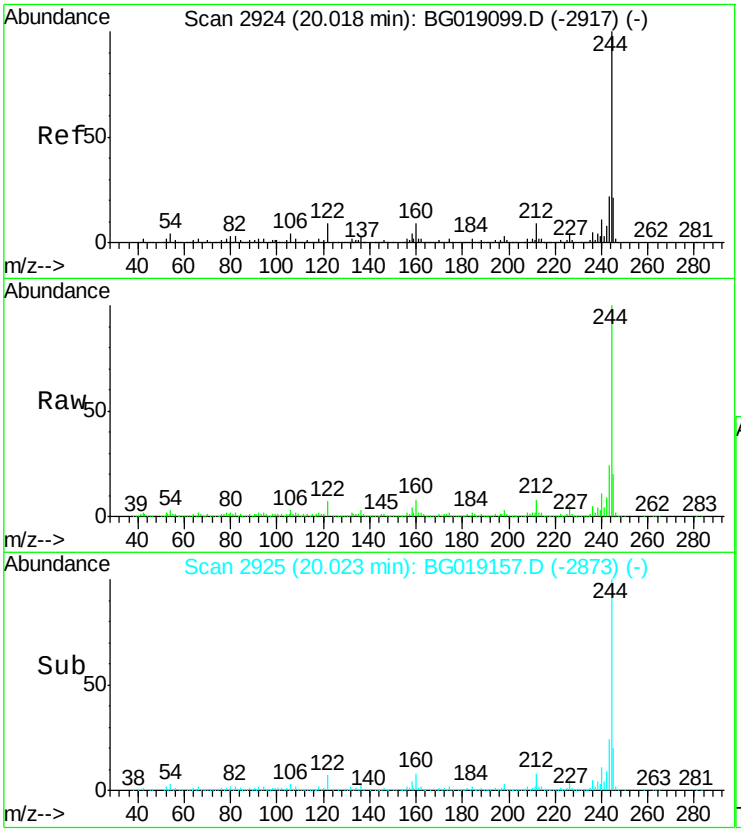


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.68 min Scan# 3207
Delta R.T. -0.01 min
Lab File: BG019157.D
Acq: 12 Oct 2015 11:46

Tgt Ion:240 Resp: 147563

Ion	Ratio	Lower	Upper
240	100		
120	7.2	5.8	8.6
236	24.6	21.2	31.8



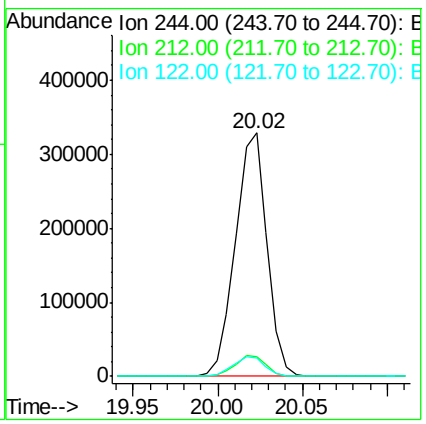


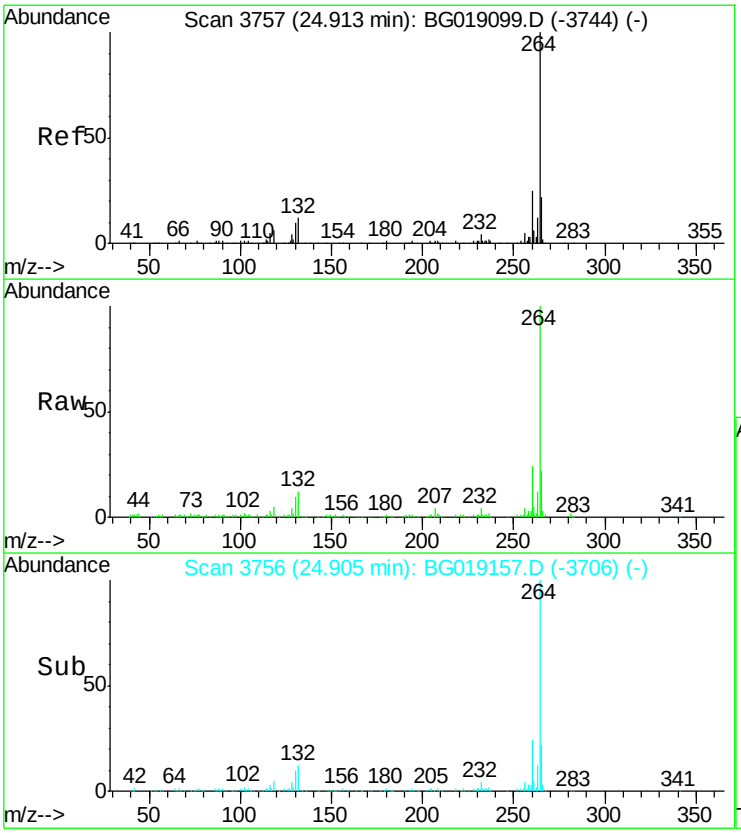
#78
Terphenyl-d14
Concen: 76.76 ng
RT: 20.02 min Scan# 2925
Delta R.T. 0.00 min
Lab File: BG019157.D
Acq: 12 Oct 2015 11:46

Instrument :
BNA_G
ClientSampleId :
MW18

Tgt Ion:244 Resp: 428801

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.8	10.2
122	7.5	7.4	11.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.91 min Scan# 3756
Delta R.T. -0.01 min
Lab File: BG019157.D
Acq: 12 Oct 2015 11:46

Tgt Ion:264 Resp: 149087

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.1	30.1
265	22.2	17.2	25.8