Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091215\
Data File : BG018638.D
Acq On : 11 Sep 2015 14:19
Operator : UM/IZ
Sample : G3623-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SES-EFFLUENT-CS-6

Quant Time: Sep 11 15:13:28 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	59020	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	246065	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	164608	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	465010	20.00	ng	0.00
75) Chrysene-d12	21.63	240	517914	20.00	ng	0.00
86) Perylene-d12	24.82	264	508812	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	143666	42.05	ng	0.00
7) Phenol-d6	7.16	99	117587	24.00	ng	0.00
23) Nitrobenzene-d5	9.17	82	450220	102.38	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	242036	109.20	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	1165153	98.26	ng	0.00
78) Terphenyl-d14	19.98	244	1884989	95.57	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.14	122	59	7.95	ng	# 1
49) Dimethylphthalate	14.08	163	48026	3.52	ng	99
64) 4,6-Dinitro-2-methylphenol	15.61	198	106	5.44	ng	# 29

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091215\
Data File : BG018638.D
Acq On : 11 Sep 2015 14:19
Operator : UM/IZ
Sample : G3623-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SES-EFFLUENT-CS-6

Quant Time: Sep 11 15:13:28 2015
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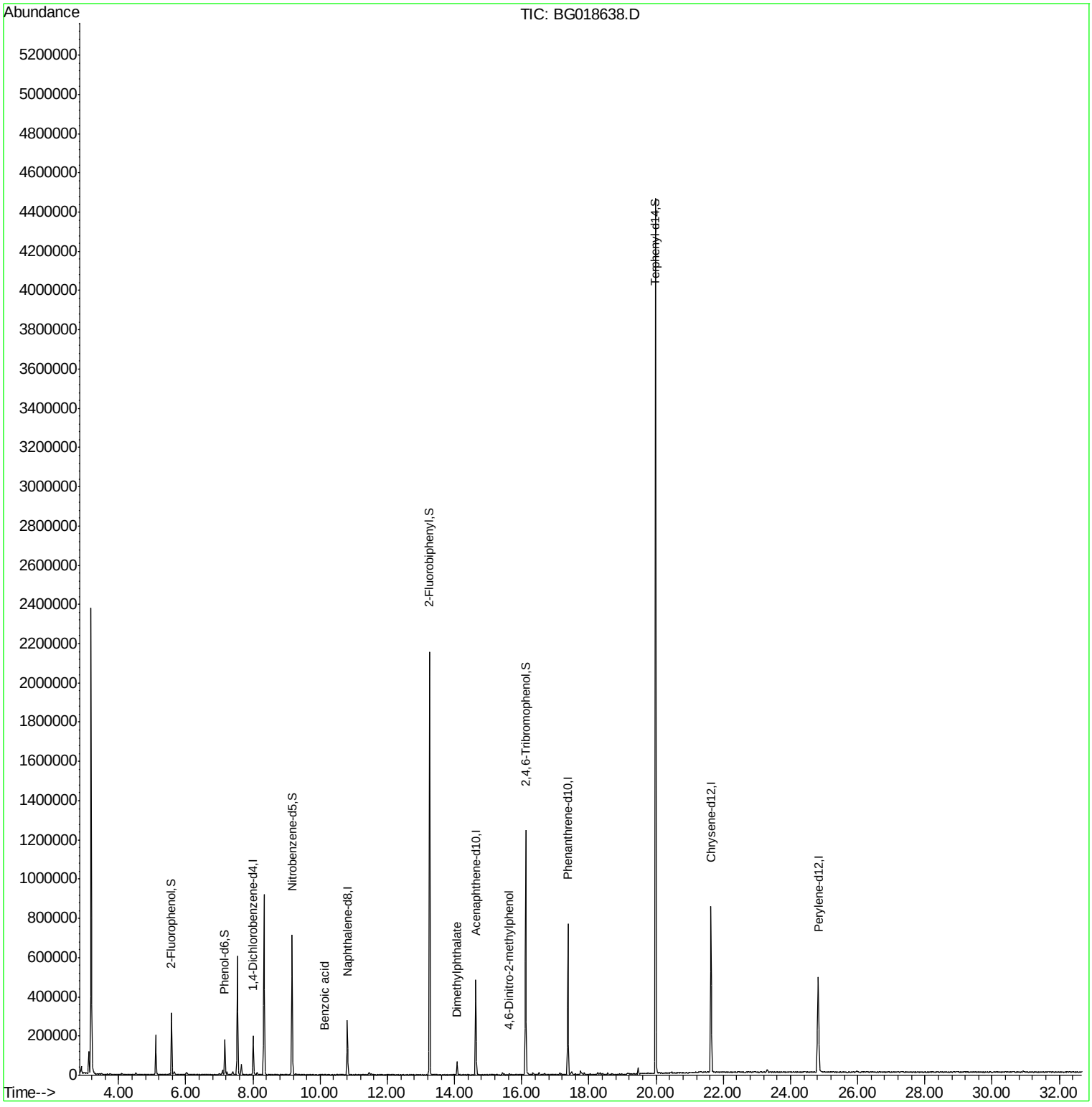
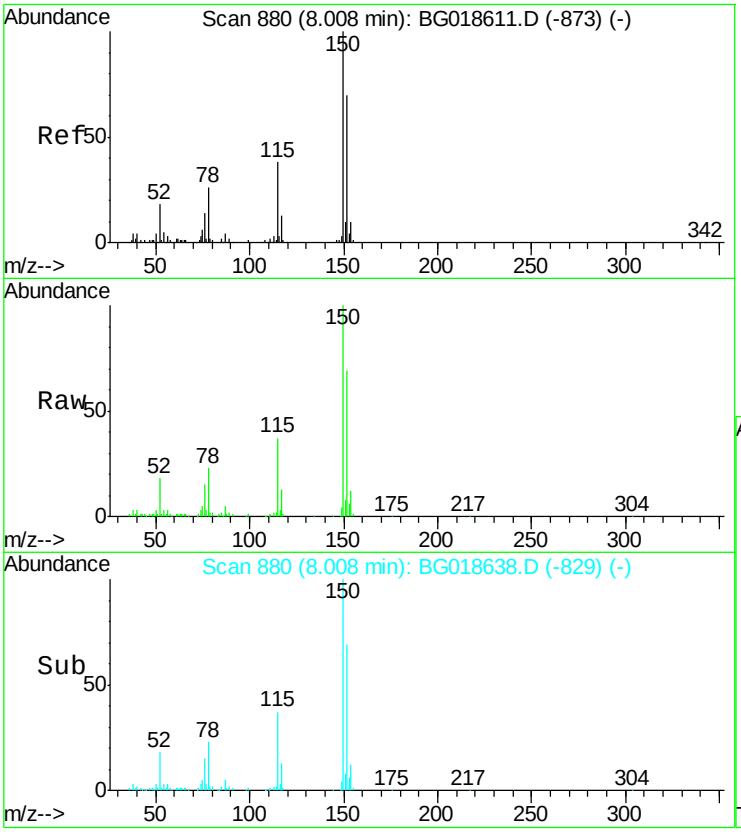
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 11 10:44:16 2015
Response via : Initial Calibration



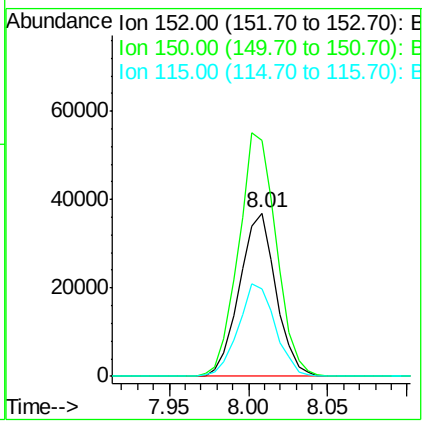


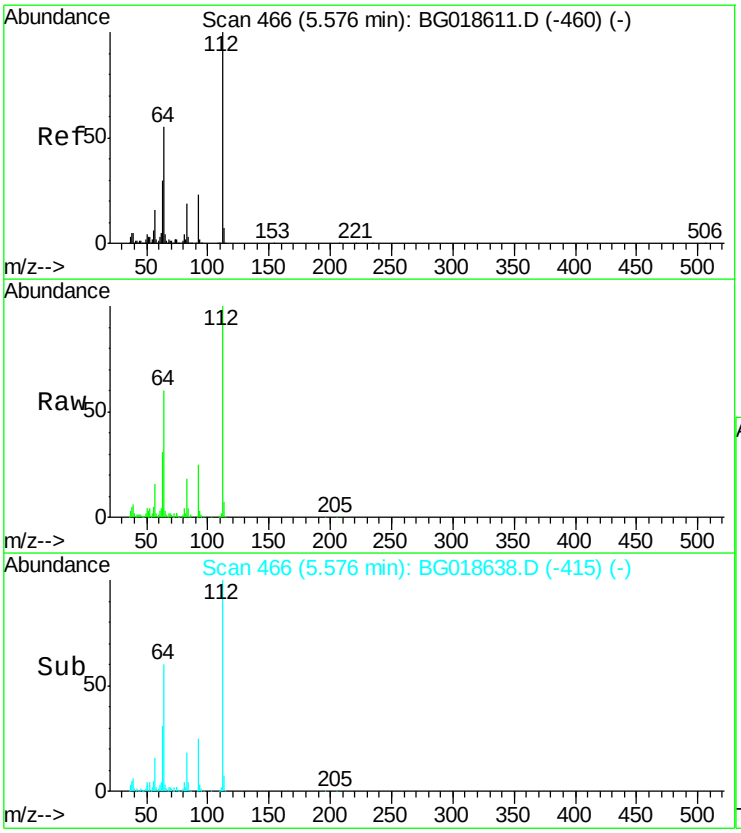
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.01 min Scan# 880
Delta R.T. -0.00 min
Lab File: BG018638.D
Acq: 11 Sep 2015 14:19

Instrument :
BNA_G
ClientSampleId :
SES-EFFLUENT-CS-6

Tgt Ion:152 Resp: 59020

Ion	Ratio	Lower	Upper
152	100		
150	144.6	115.0	172.4
115	53.6	43.9	65.9

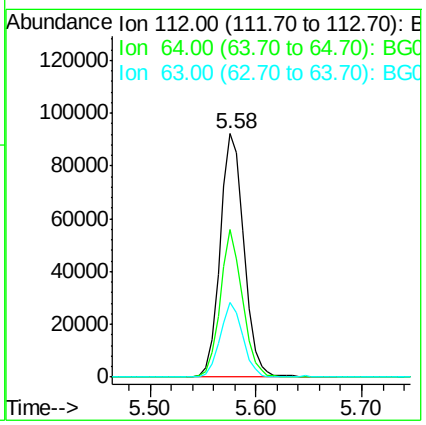


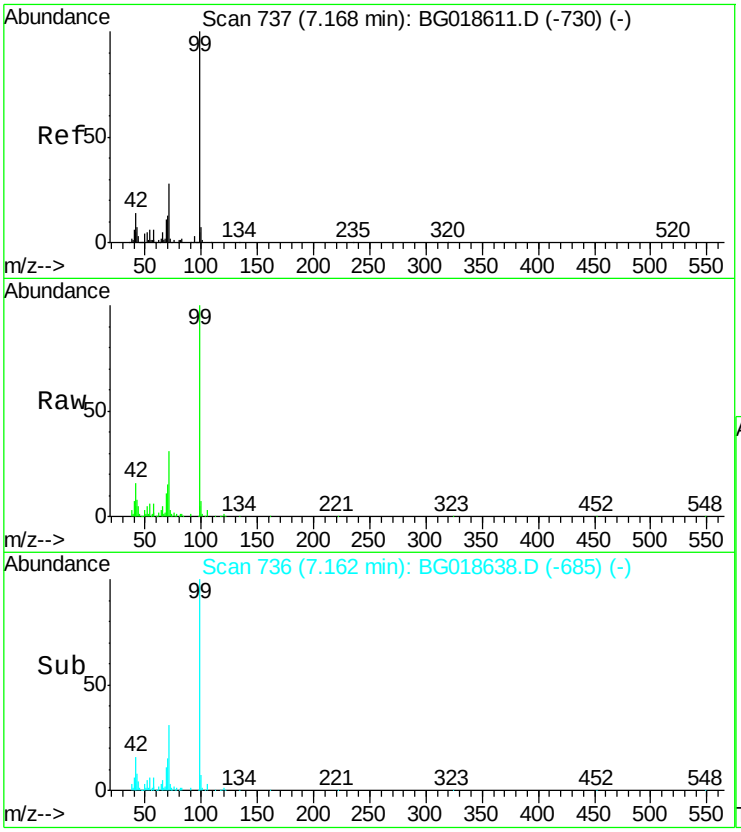


#5
2-Fluorophenol
Concen: 42.05 ng
RT: 5.58 min Scan# 466
Delta R.T. -0.00 min
Lab File: BG018638.D
Acq: 11 Sep 2015 14:19

Tgt Ion:112 Resp: 143666

Ion	Ratio	Lower	Upper
112	100		
64	60.4	43.7	65.5
63	30.6	24.0	36.0



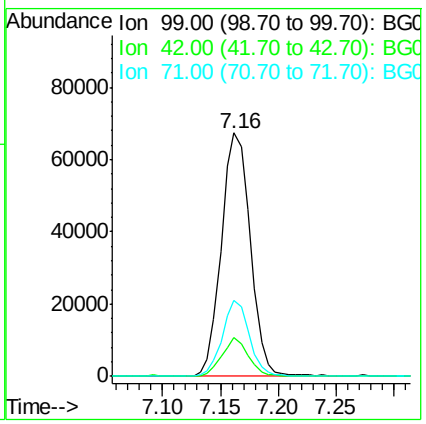


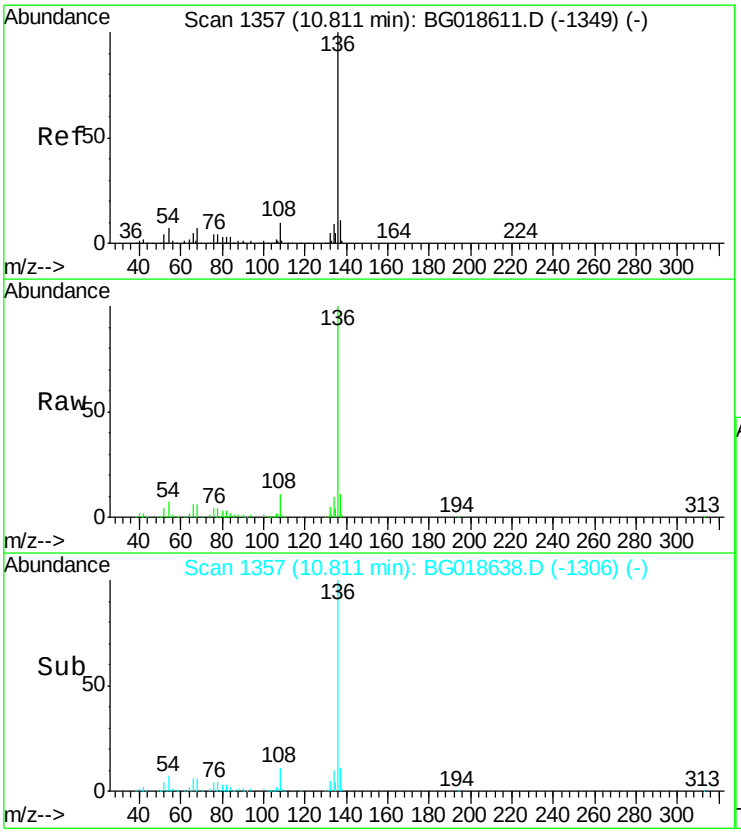
#7
Phenol-d6
Concen: 24.00 ng
RT: 7.16 min Scan# 736
Delta R.T. -0.00 min
Lab File: BG018638.D
Acq: 11 Sep 2015 14:19

Instrument :
BNA_G
ClientSampleId :
SES-EFFLUENT-CS-6

Tgt Ion: 99 Resp: 117587

Ion	Ratio	Lower	Upper
99	100		
42	16.2	11.5	17.3
71	31.3	22.6	34.0

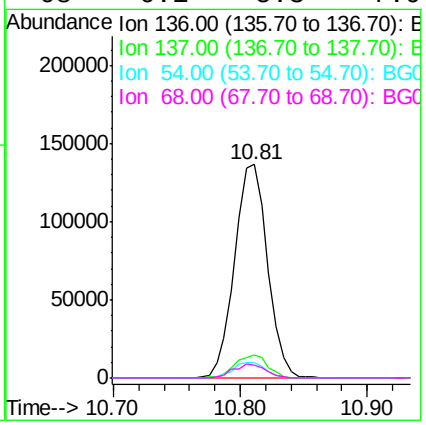


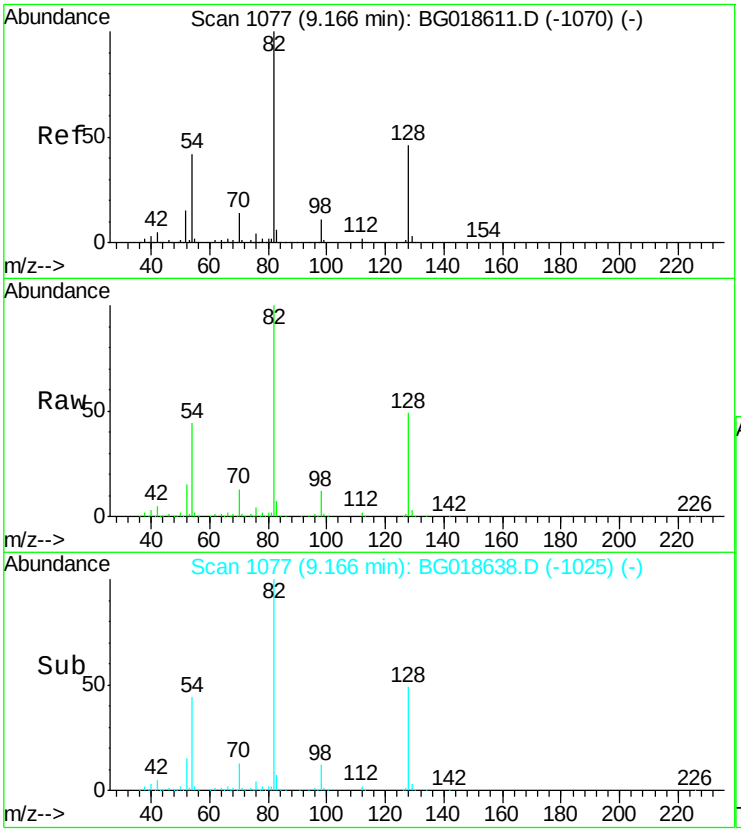


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.81 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG018638.D
Acq: 11 Sep 2015 14:19

Tgt Ion:136 Resp: 246065

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	7.4	5.4	8.2
68	6.1	5.3	7.9



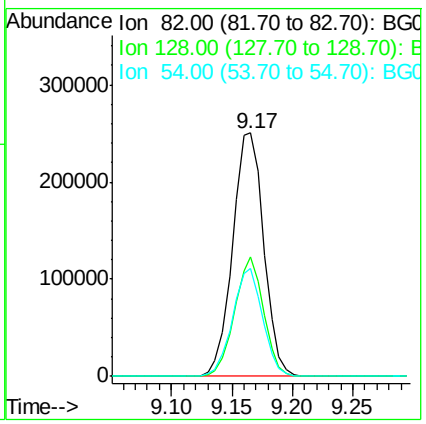


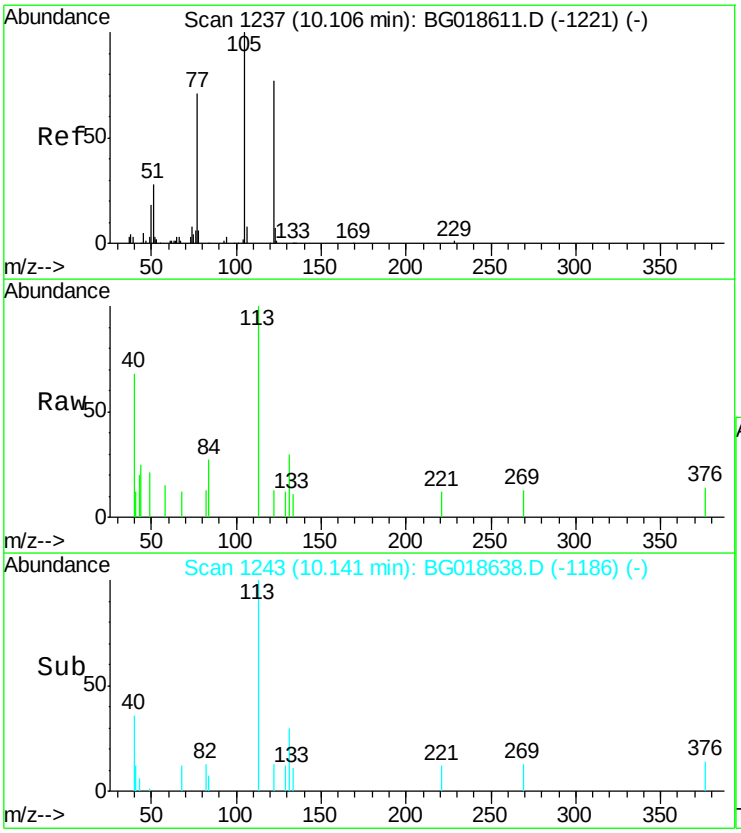
#23
Nitrobenzene-d5
Concen: 102.38 ng
RT: 9.17 min Scan# 1077
Delta R.T. 0.01 min
Lab File: BG018638.D
Acq: 11 Sep 2015 14:19

Instrument :
BNA_G
ClientSampleId :
SES-EFFLUENT-CS-6

Tgt Ion: 82 Resp: 450220

Ion	Ratio	Lower	Upper
82	100		
128	48.8	36.7	55.1
54	44.4	33.8	50.8

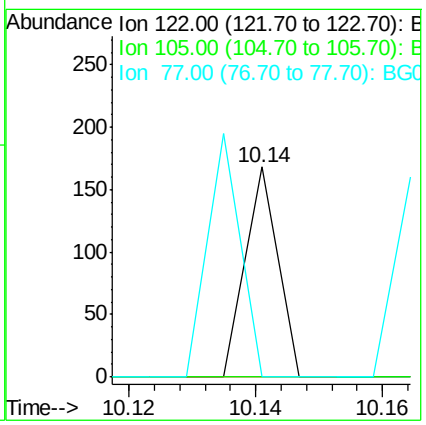


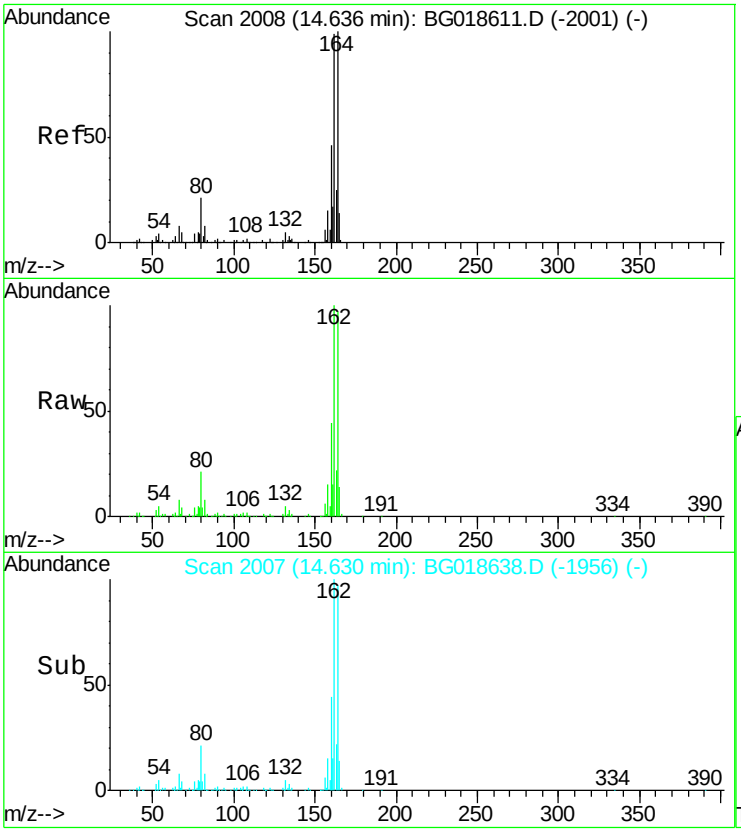


#32
Benzoic acid
Concen: 7.95 ng
RT: 10.14 min Scan# 1243
Delta R.T. 0.04 min
Lab File: BG018638.D
Acq: 11 Sep 2015 14:19

Tgt Ion:122 Resp: 59

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



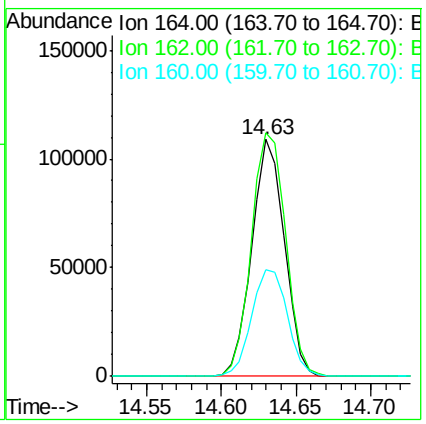


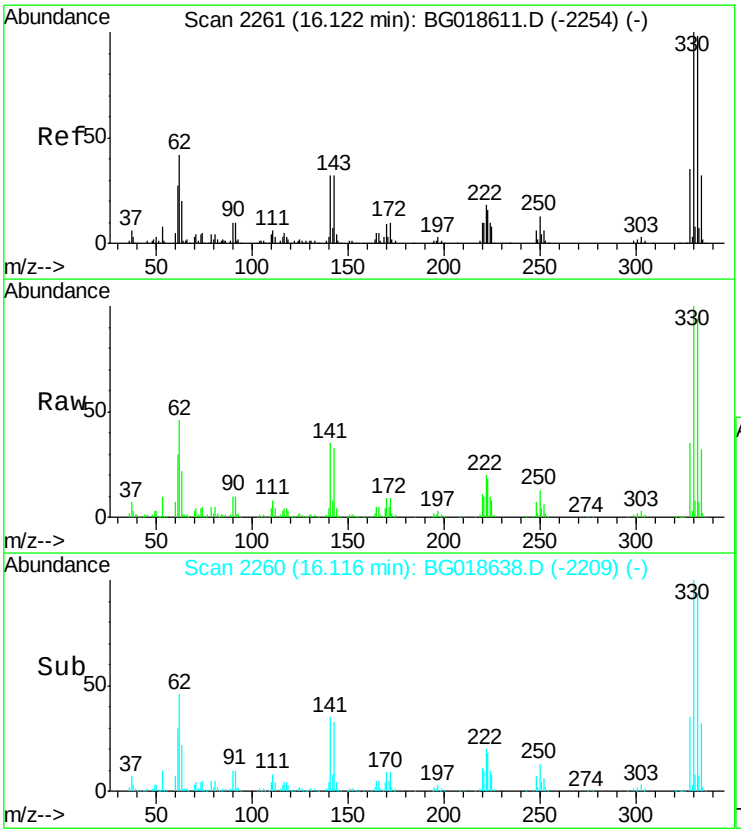
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG018638.D
Acq: 11 Sep 2015 14:19

Instrument :
BNA_G
ClientSampleId :
SES-EFFLUENT-CS-6

Tgt Ion:164 Resp: 164608

Ion	Ratio	Lower	Upper
164	100		
162	102.9	78.8	118.2
160	45.2	36.4	54.6

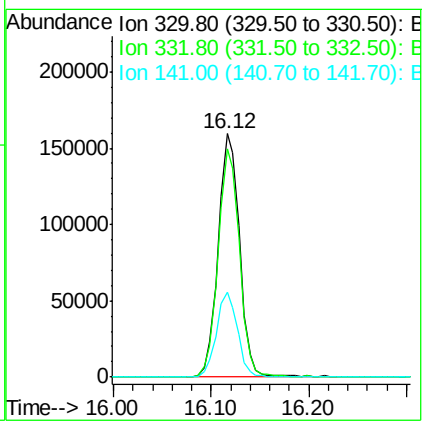


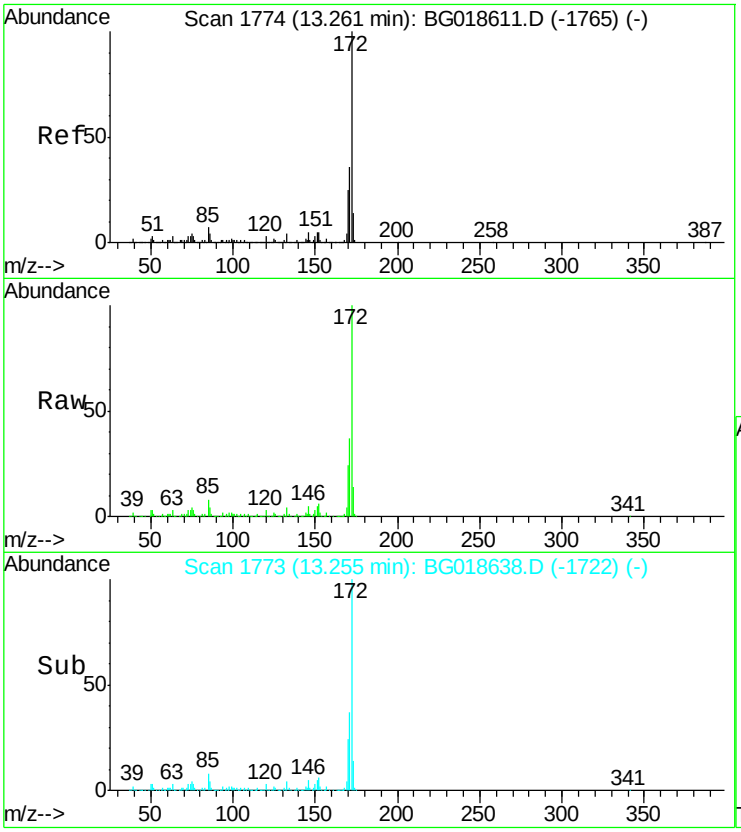


#41
2,4,6-Tribromophenol
Concen: 109.20 ng
RT: 16.12 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BG018638.D
Acq: 11 Sep 2015 14:19

Tgt Ion:330 Resp: 242036

Ion	Ratio	Lower	Upper
330	100		
332	93.6	78.1	117.1
141	34.4	28.2	42.2



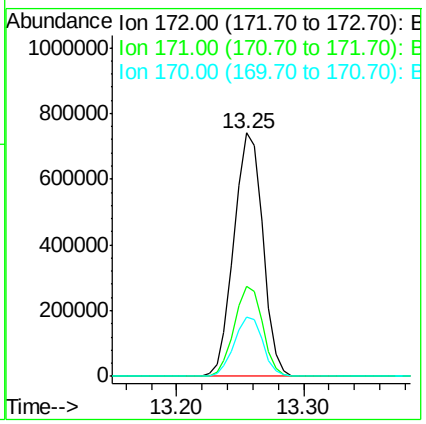


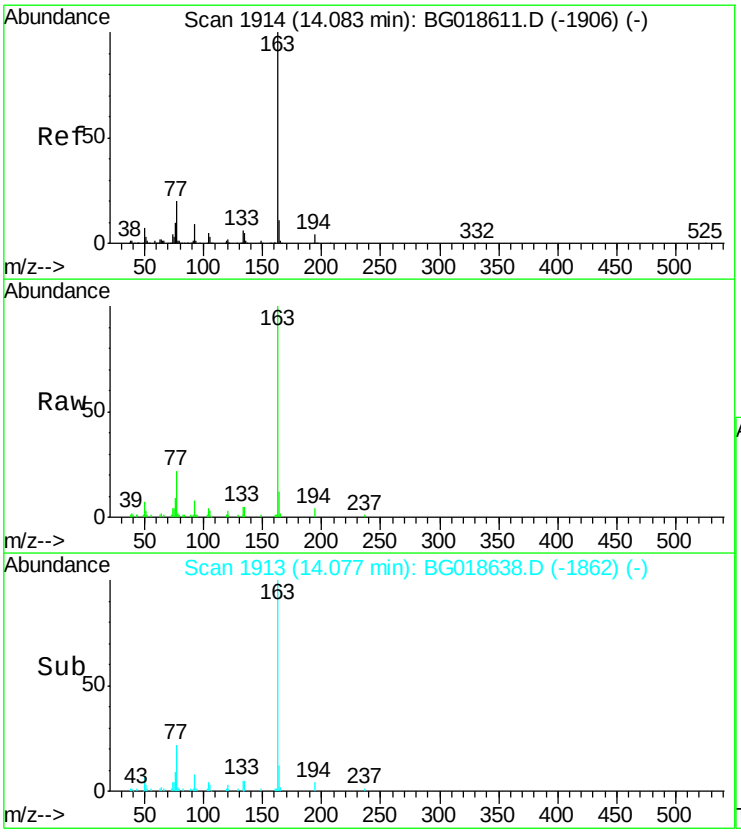
#44
2-Fluorobiphenyl
Concen: 98.26 ng
RT: 13.25 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG018638.D
Acq: 11 Sep 2015 14:19

Instrument :
BNA_G
ClientSampleId :
SES-EFFLUENT-CS-6

Tgt Ion:172 Resp: 1165153

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.6
170	24.3	19.9	29.9

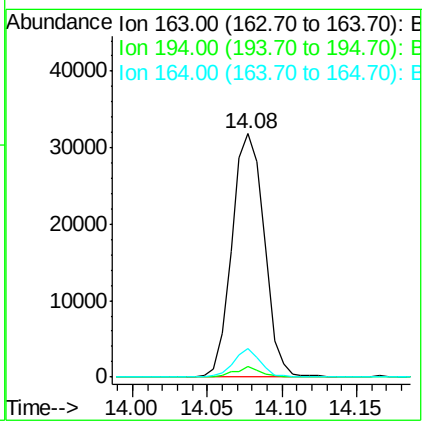


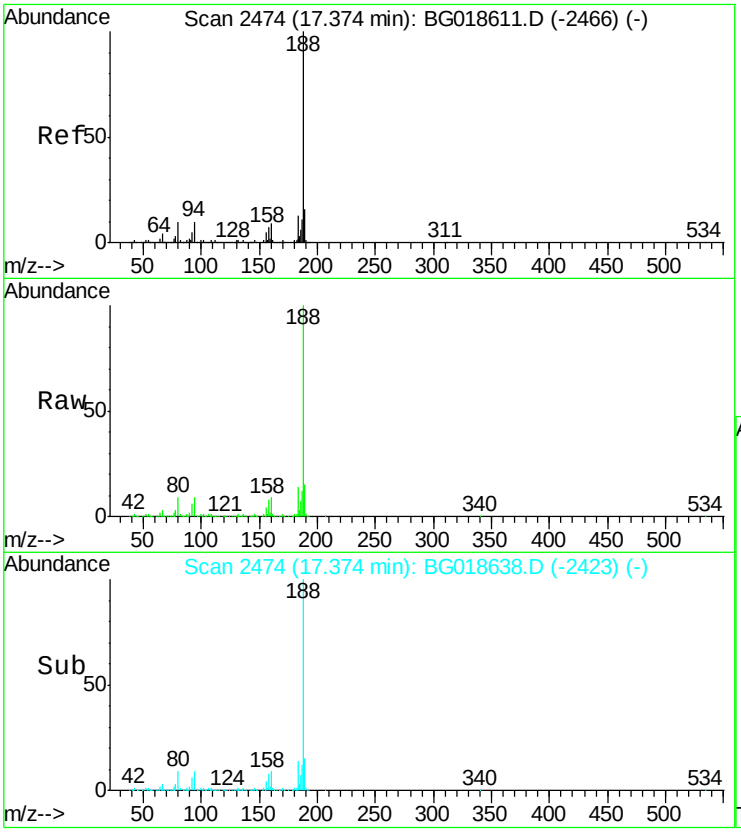


#49
Dimethylphthalate
Concen: 3.52 ng
RT: 14.08 min Scan# 1913
Delta R.T. -0.00 min
Lab File: BG018638.D
Acq: 11 Sep 2015 14:19

Tgt Ion:163 Resp: 48026

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.1	4.7
164	11.6	8.8	13.2



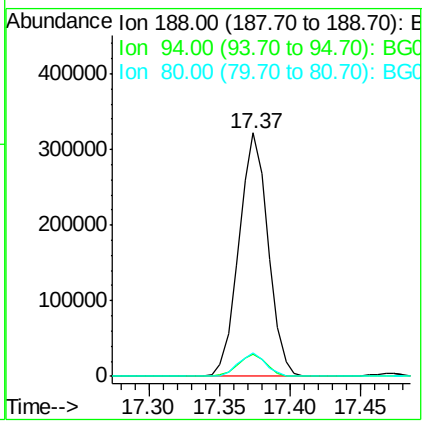


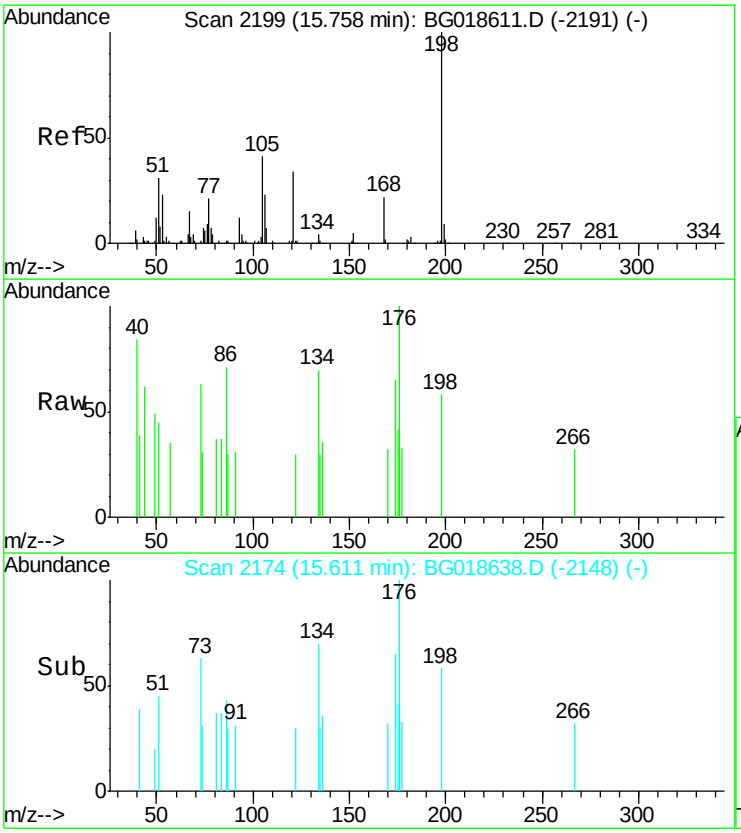
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2474
Delta R.T. -0.00 min
Lab File: BG018638.D
Acq: 11 Sep 2015 14:19

Instrument :
BNA_G
ClientSampleId :
SES-EFFLUENT-CS-6

Tgt Ion:188 Resp: 465010

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.7	11.5
80	9.4	7.8	11.8

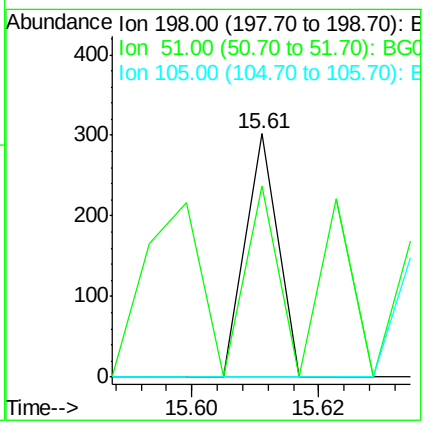


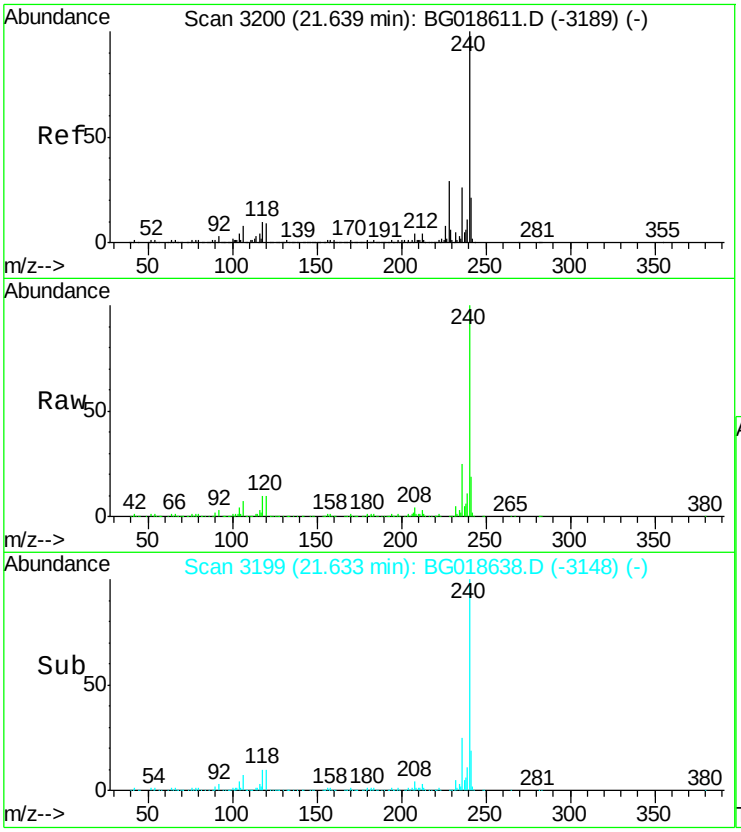


#64
4,6-Dinitro-2-methylphenol
Concen: 5.44 ng
RT: 15.61 min Scan# 2174
Delta R.T. -0.15 min
Lab File: BG018638.D
Acq: 11 Sep 2015 14:19

Tgt Ion:198 Resp: 106

Ion	Ratio	Lower	Upper
198	100		
51	78.5	14.2	54.2#
105	0.0	21.1	61.1#



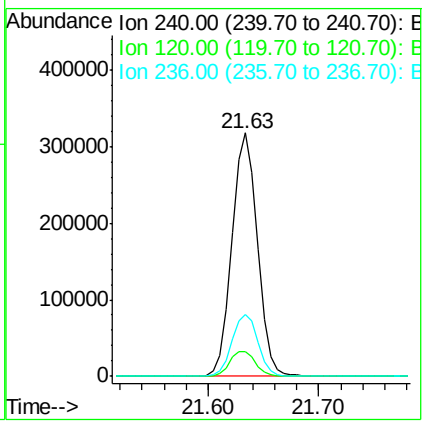


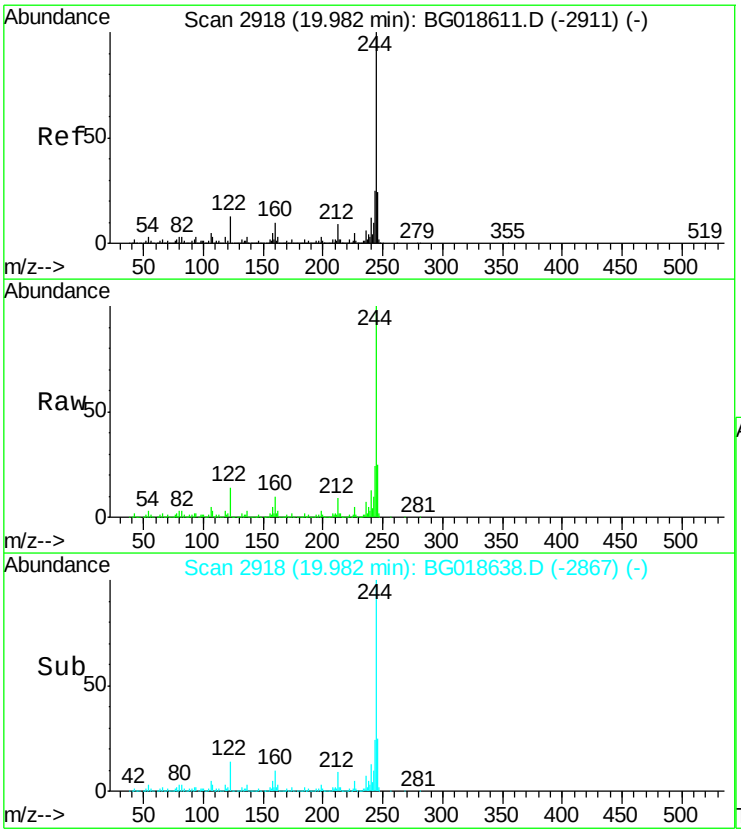
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3199
Delta R.T. -0.00 min
Lab File: BG018638.D
Acq: 11 Sep 2015 14:19

Instrument :
BNA_G
ClientSampleId :
SES-EFFLUENT-CS-6

Tgt Ion:240 Resp: 517914

Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.4	11.0
236	25.3	20.7	31.1

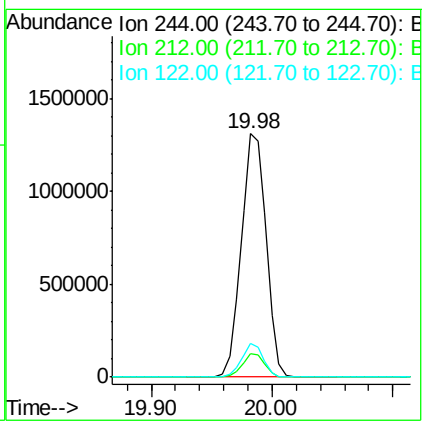


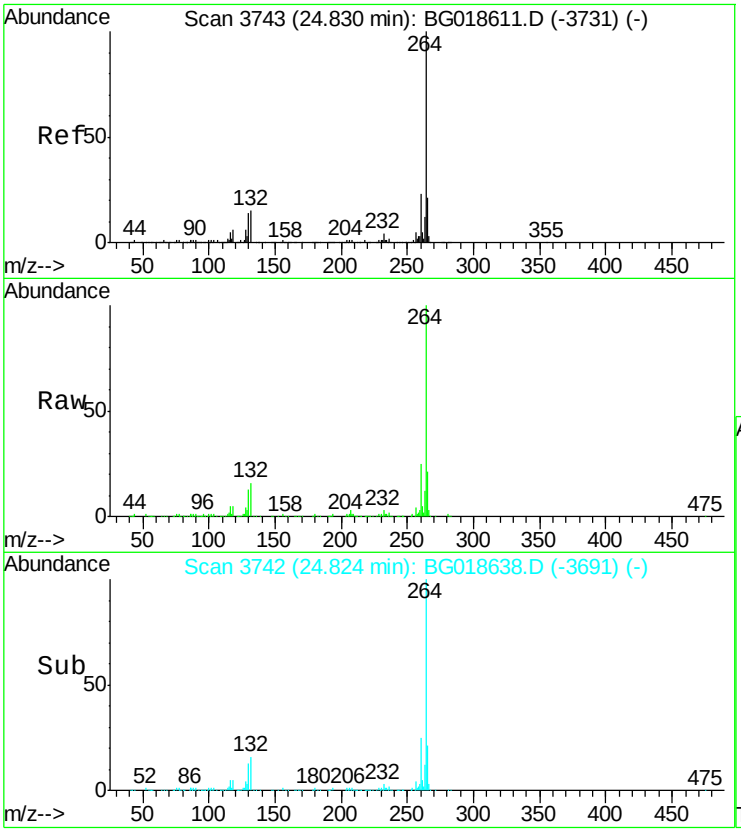


#78
Terphenyl-d14
Concen: 95.57 ng
RT: 19.98 min Scan# 2918
Delta R.T. -0.00 min
Lab File: BG018638.D
Acq: 11 Sep 2015 14:19

Tgt Ion:244 Resp: 1884989

Ion	Ratio	Lower	Upper
244	100		
212	9.4	6.9	10.3
122	13.7	10.2	15.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.82 min Scan# 3742
Delta R.T. -0.00 min
Lab File: BG018638.D
Acq: 11 Sep 2015 14:19

Instrument :
BNA_G
ClientSampleId :
SES-EFFLUENT-CS-6

Tgt Ion:264 Resp: 508812

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.5	27.7
265	21.5	17.2	25.8