Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091115\
Data File : BG018625.D
Acq On : 11 Sep 2015 5:23
Operator : UM/IZ
Sample : G3590-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB

Quant Time: Sep 11 06:06:38 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 01:56:11 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	56919	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	230044	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	158828	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	434758	20.00	ng	0.00
75) Chrysene-d12	21.63	240	485615	20.00	ng	0.00
86) Perylene-d12	24.83	264	479117	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	211936	64.32	ng	0.00
7) Phenol-d6	7.16	99	179521	38.00	ng	0.00
23) Nitrobenzene-d5	9.17	82	403572	98.17	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	301926	141.18	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	1079361	94.34	ng	0.00
78) Terphenyl-d14	19.98	244	1771748	95.81	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.14	122	68	7.95	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.71	198	66	5.43	ng	# 10

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

Quantitation Report (Not Reviewed)

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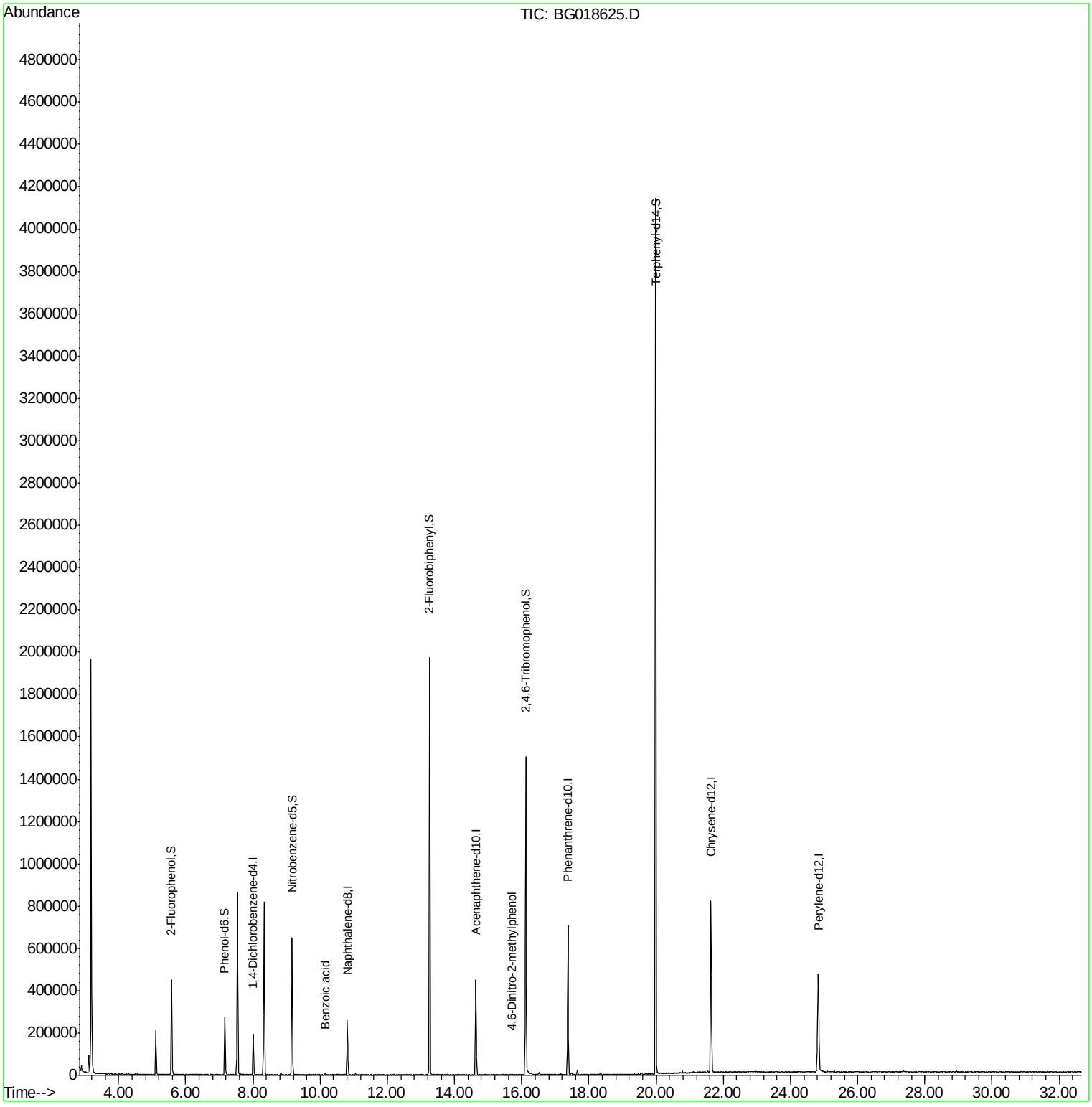
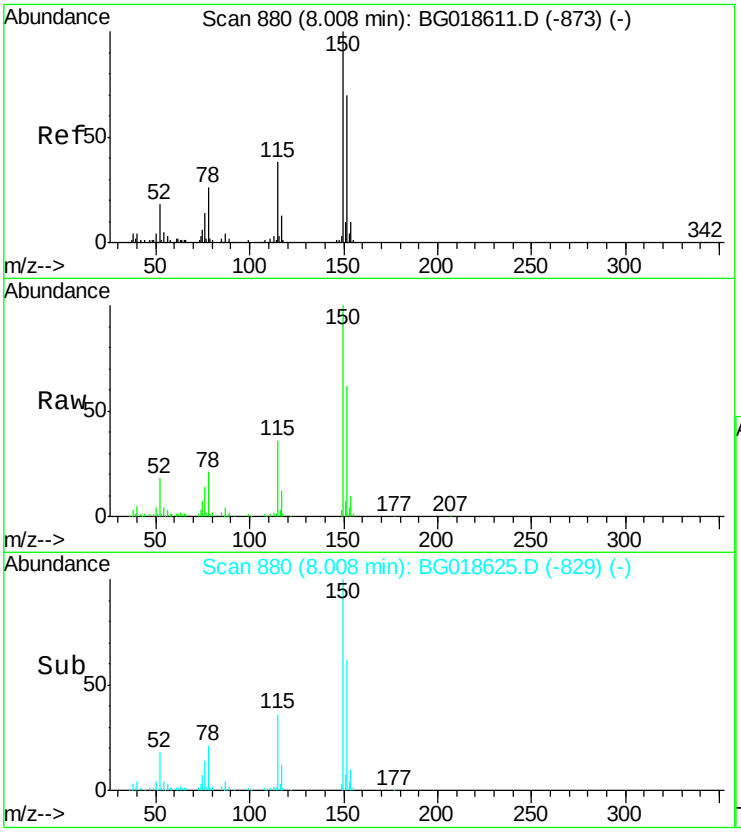


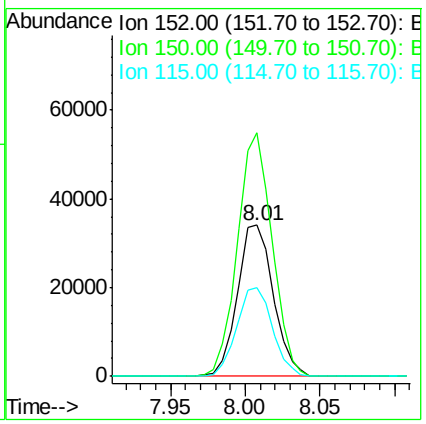


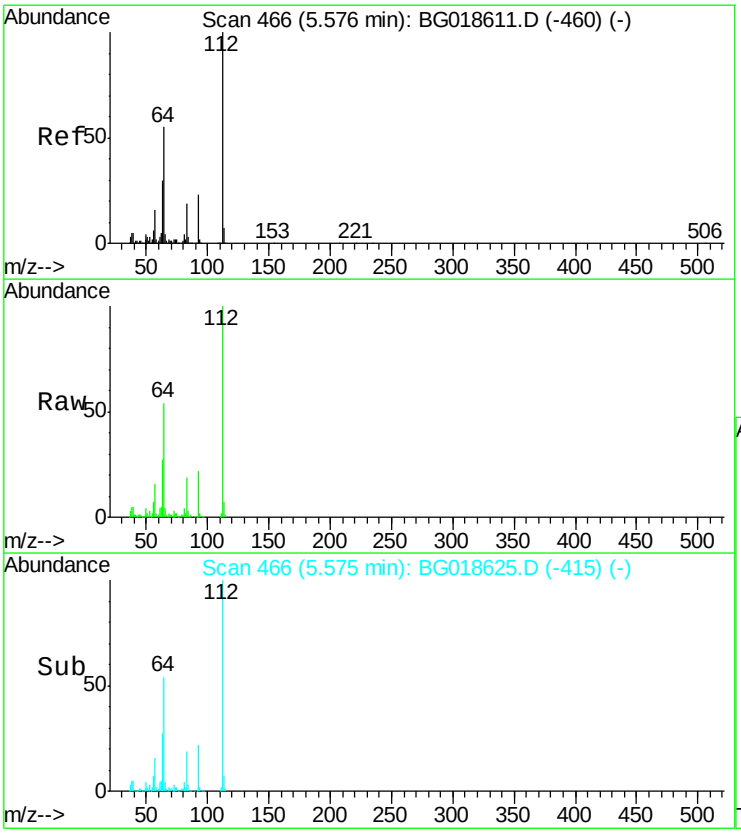
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.01 min Scan# 880
Delta R.T. -0.00 min
Lab File: BG018625.D
Acq: 11 Sep 2015 5:23

Instrument :
BNA_G
ClientSampleId :
FB

Tgt Ion:152 Resp: 56919

Ion	Ratio	Lower	Upper
152	100		
150	161.0	115.0	172.4
115	58.7	43.9	65.9

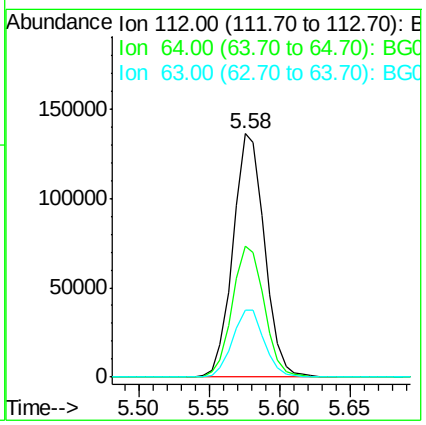


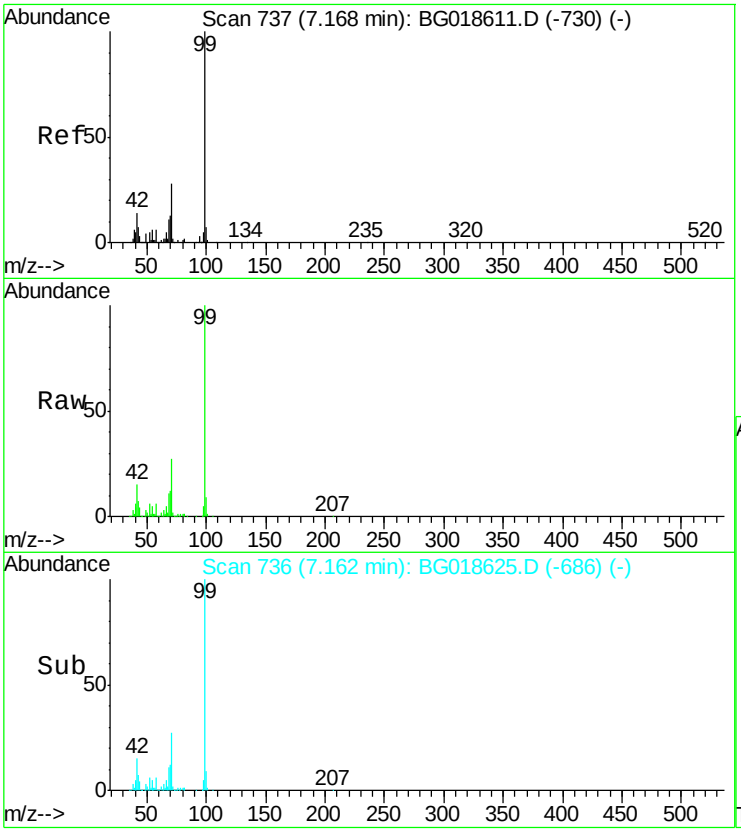


#5
2-Fluorophenol
Concen: 64.32 ng
RT: 5.58 min Scan# 466
Delta R.T. -0.00 min
Lab File: BG018625.D
Acq: 11 Sep 2015 5:23

Tgt Ion:112 Resp: 211936

Ion	Ratio	Lower	Upper
112	100		
64	54.0	43.7	65.5
63	27.3	24.0	36.0



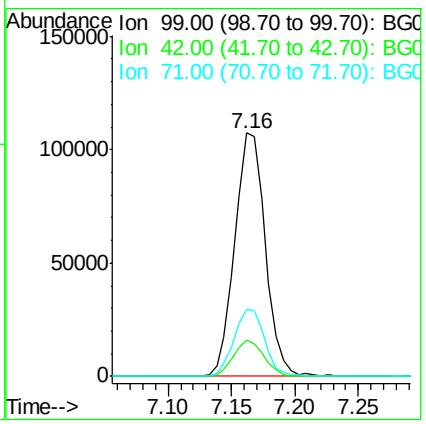


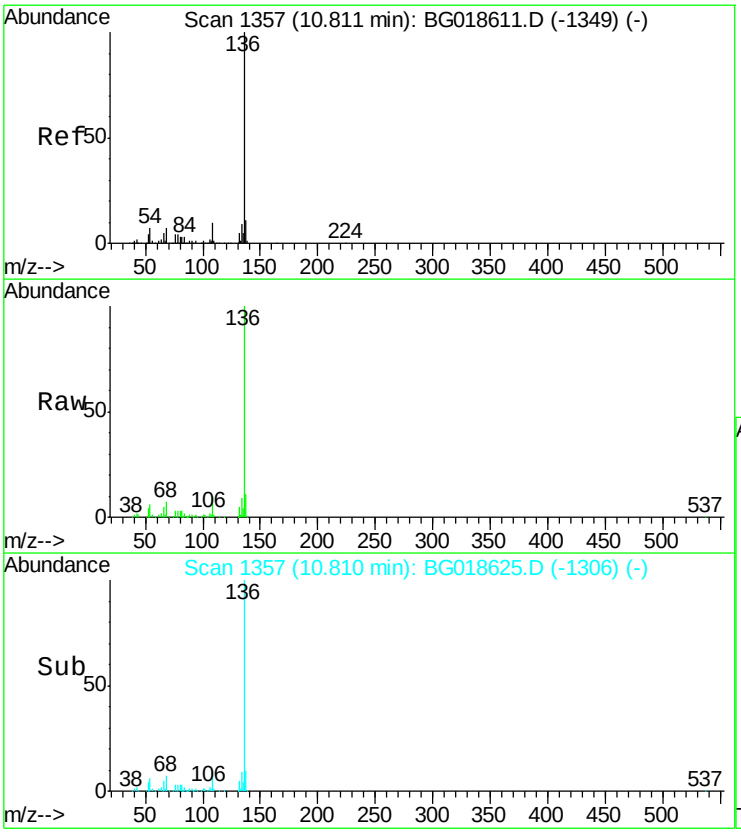
#7
Phenol-d6
Concen: 38.00 ng
RT: 7.16 min Scan# 736
Delta R.T. -0.01 min
Lab File: BG018625.D
Acq: 11 Sep 2015 5:23

Instrument :
BNA_G
ClientSampleId :
FB

Tgt Ion: 99 Resp: 179521

Ion	Ratio	Lower	Upper
99	100		
42	14.8	11.5	17.3
71	27.4	22.6	34.0

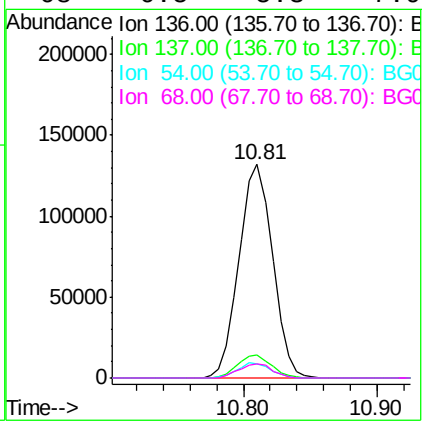


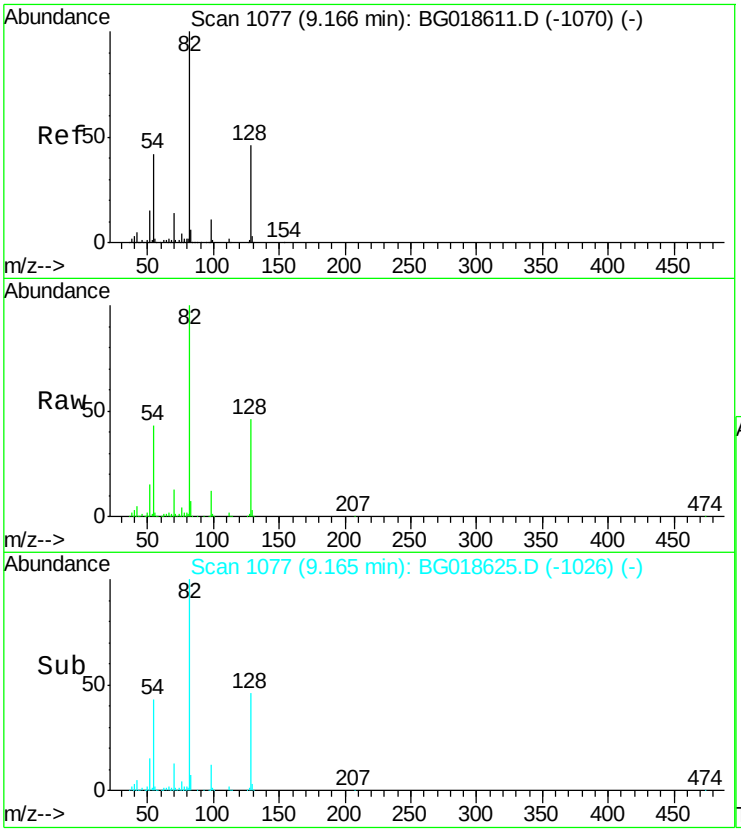


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.81 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG018625.D
Acq: 11 Sep 2015 5:23

Tgt Ion:136 Resp: 230044

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	6.4	5.4	8.2
68	6.5	5.3	7.9



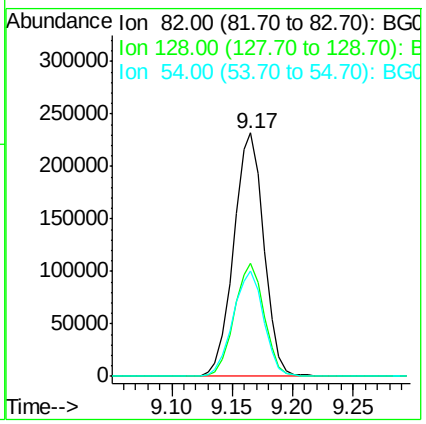


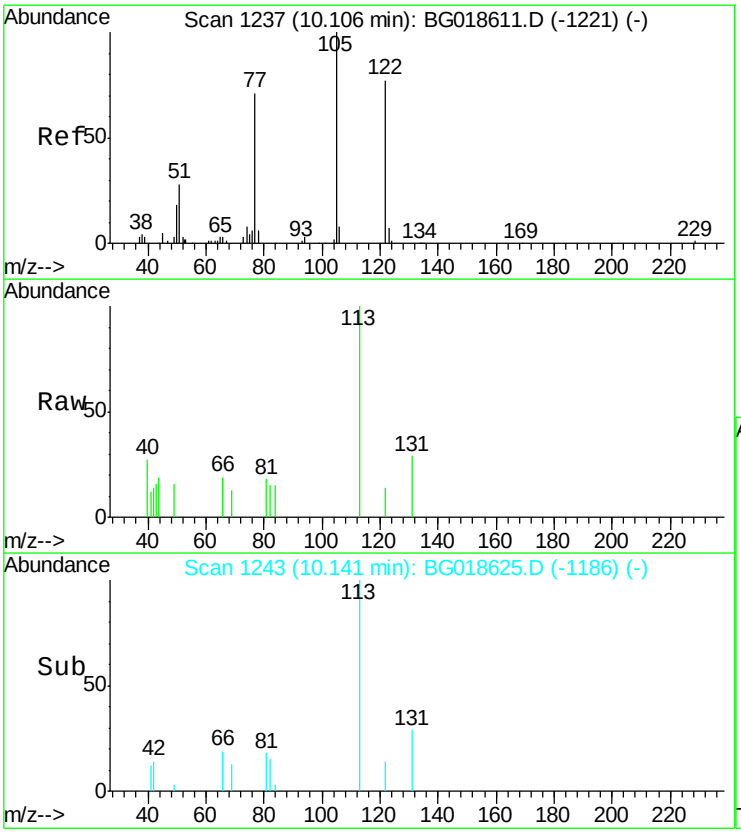
#23
Nitrobenzene-d5
Concen: 98.17 ng
RT: 9.17 min Scan# 1077
Delta R.T. -0.00 min
Lab File: BG018625.D
Acq: 11 Sep 2015 5:23

Instrument :
BNA_G
ClientSampleId :
FB

Tgt Ion: 82 Resp: 403572

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.7	55.1
54	43.2	33.8	50.8

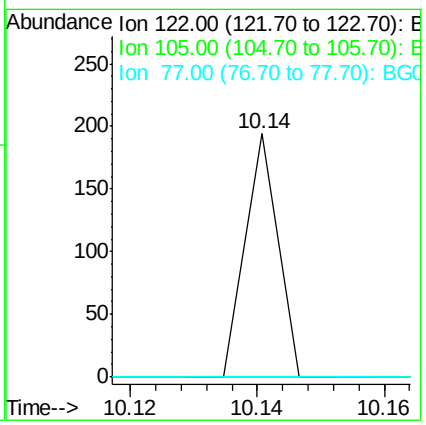


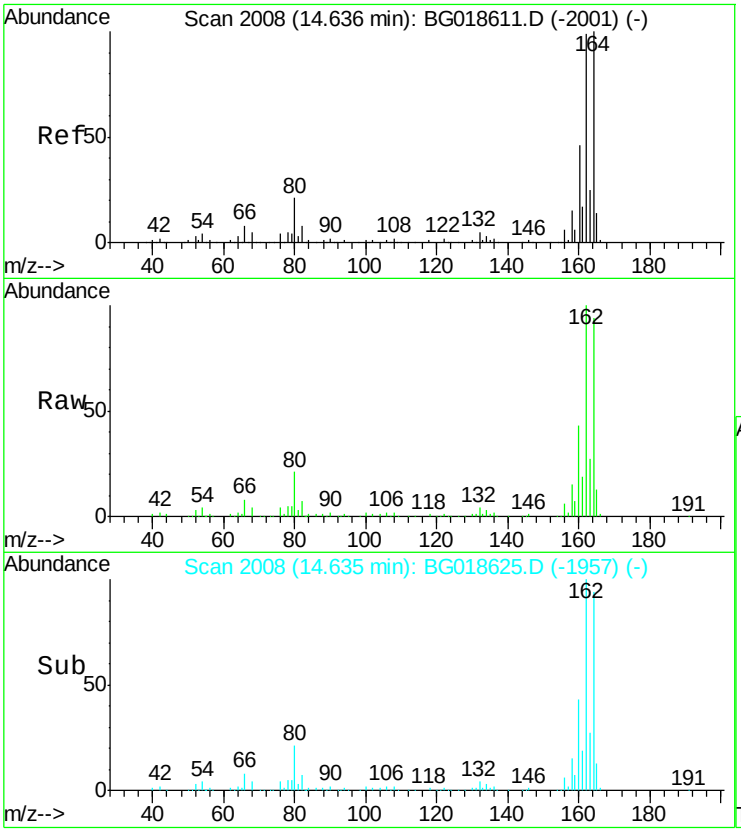


#32
Benzoic acid
Concen: 7.95 ng
RT: 10.14 min Scan# 1243
Delta R.T. 0.04 min
Lab File: BG018625.D
Acq: 11 Sep 2015 5:23

Tgt Ion:122 Resp: 68

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



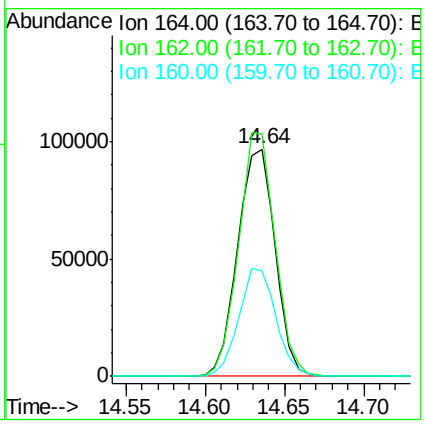


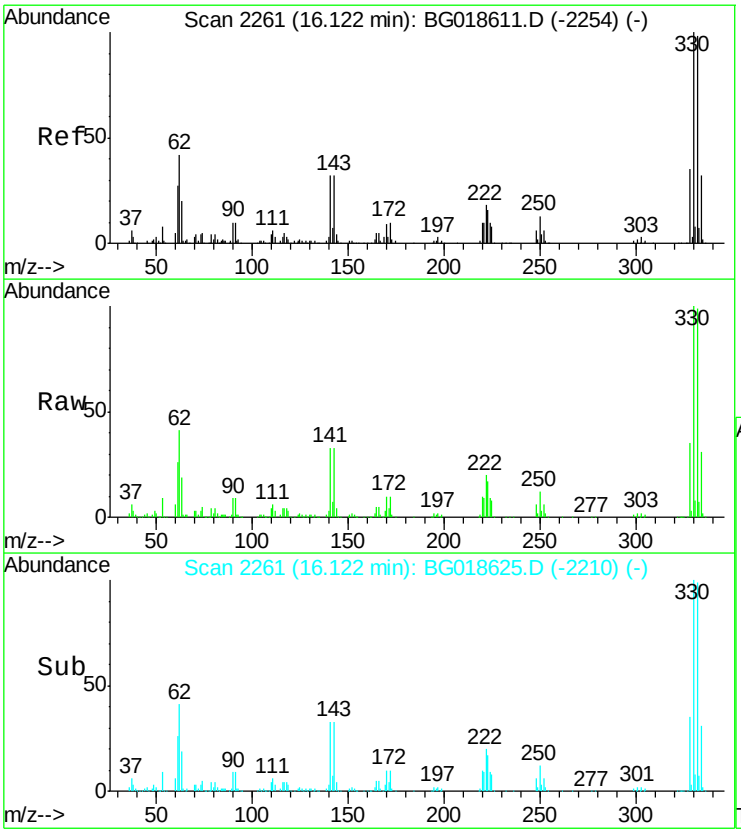
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.64 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG018625.D
Acq: 11 Sep 2015 5:23

Instrument :
BNA_G
ClientSampleId :
FB

Tgt Ion:164 Resp: 158828

Ion	Ratio	Lower	Upper
164	100		
162	106.8	78.8	118.2
160	46.4	36.4	54.6

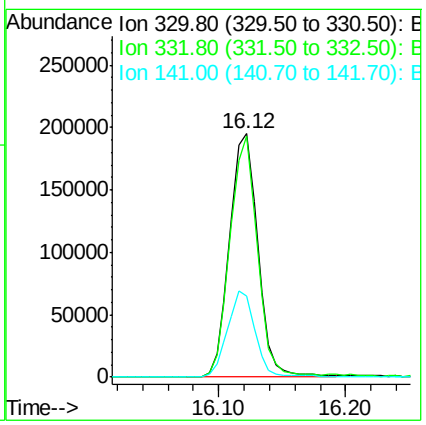


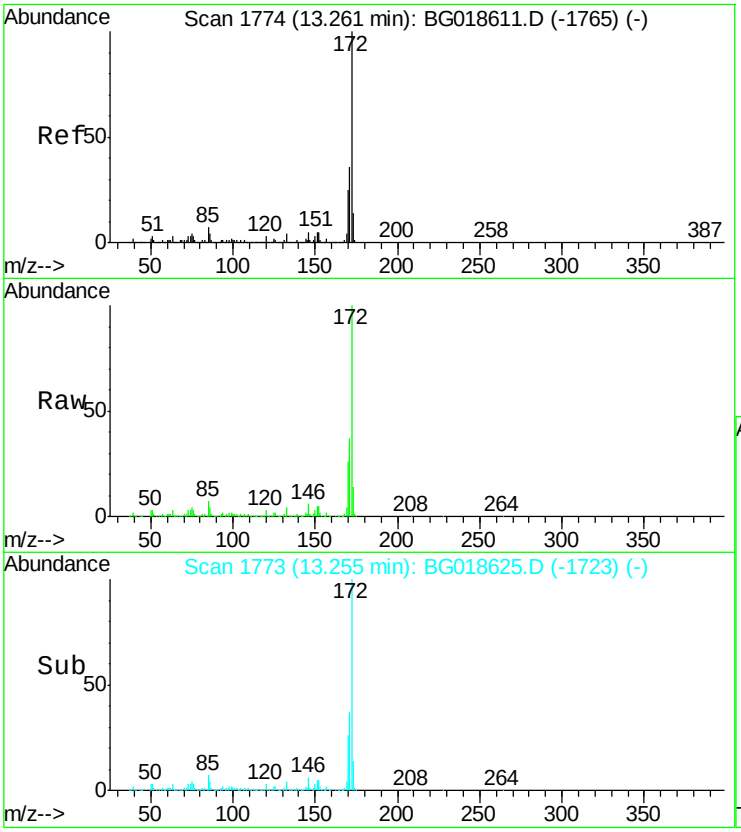


#41
2,4,6-Tribromophenol
Concen: 141.18 ng
RT: 16.12 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BG018625.D
Acq: 11 Sep 2015 5:23

Tgt Ion:330 Resp: 301926

Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.1	117.1
141	34.3	28.2	42.2



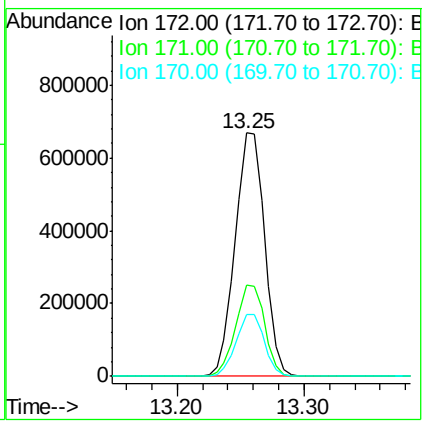


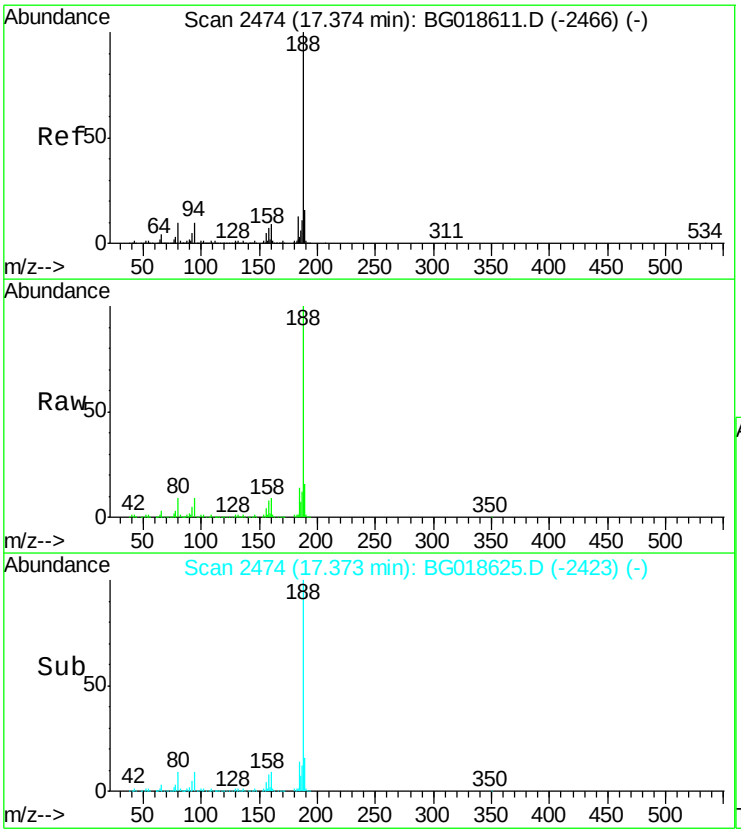
#44
2-Fluorobiphenyl
Concen: 94.34 ng
RT: 13.25 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG018625.D
Acq: 11 Sep 2015 5:23

Instrument :
BNA_G
ClientSampleId :
FB

Tgt Ion:172 Resp: 1079361

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.0	43.6
170	25.5	19.9	29.9

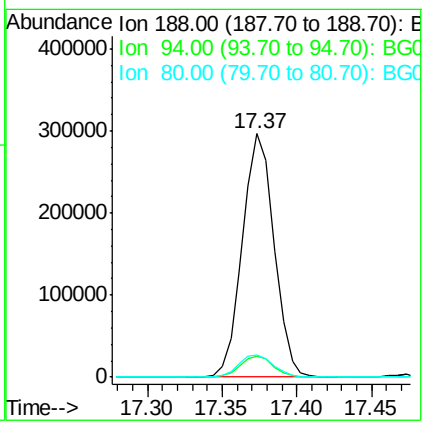


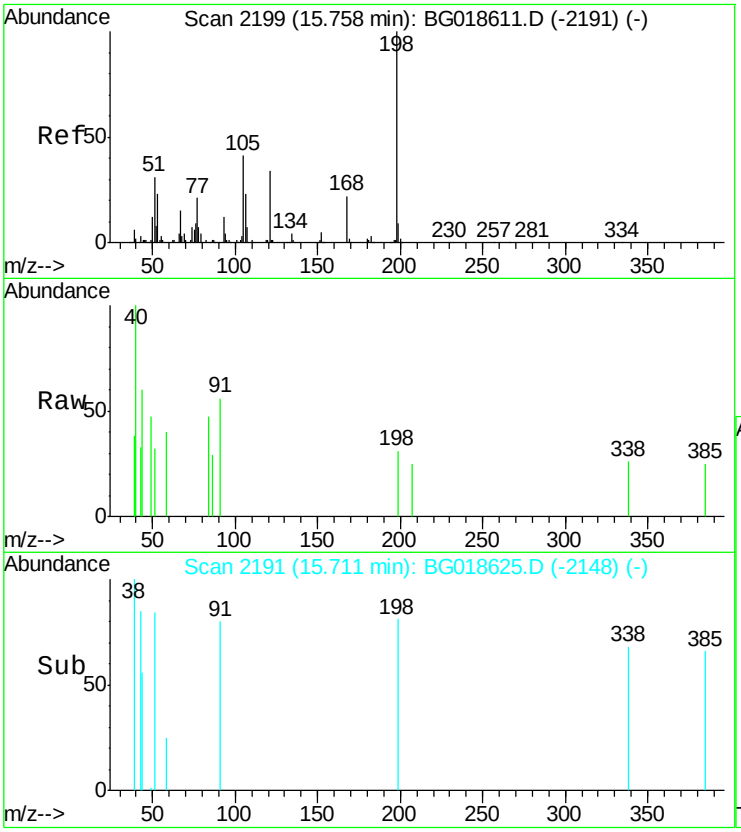


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2474
Delta R.T. -0.00 min
Lab File: BG018625.D
Acq: 11 Sep 2015 5:23

Tgt Ion:188 Resp: 434758

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.7	11.5
80	9.2	7.8	11.8



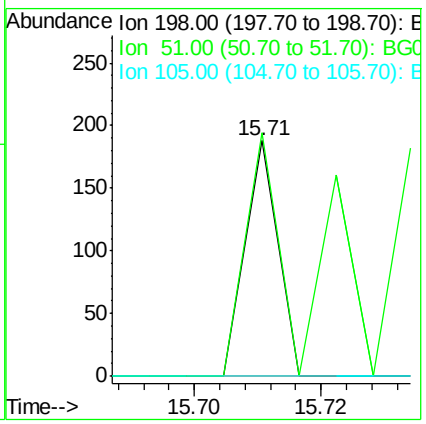


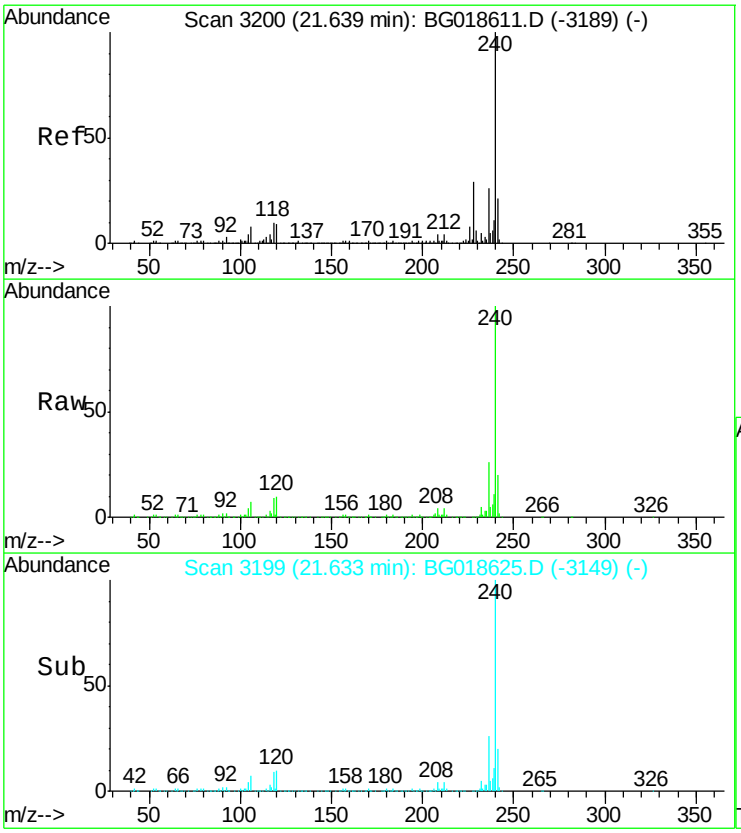
#64
4,6-Dinitro-2-methylphenol
Concen: 5.43 ng
RT: 15.71 min Scan# 2191
Delta R.T. -0.05 min
Lab File: BG018625.D
Acq: 11 Sep 2015 5:23

Instrument :
BNA_G
ClientSampleId :
FB

Tgt Ion:198 Resp: 66

Ion	Ratio	Lower	Upper
198	100		
51	103.2	14.2	54.2#
105	0.0	21.1	61.1#

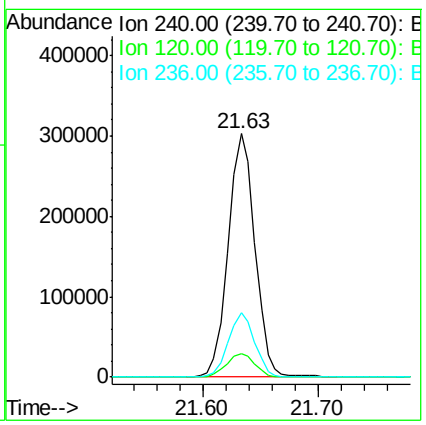


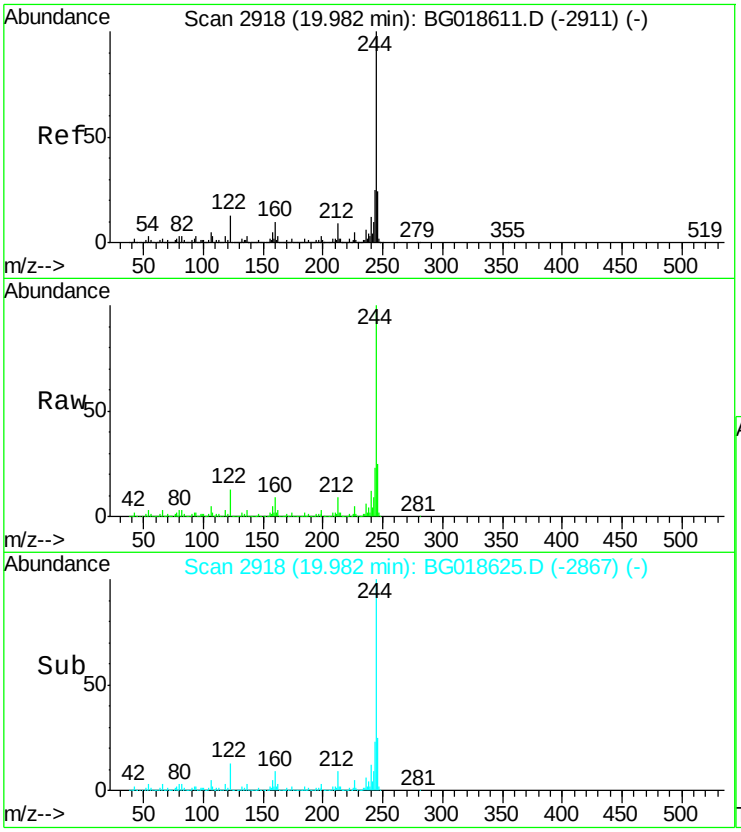


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3199
Delta R.T. -0.01 min
Lab File: BG018625.D
Acq: 11 Sep 2015 5:23

Tgt Ion:240 Resp: 485615

Ion	Ratio	Lower	Upper
240	100		
120	9.9	7.4	11.0
236	26.4	20.7	31.1



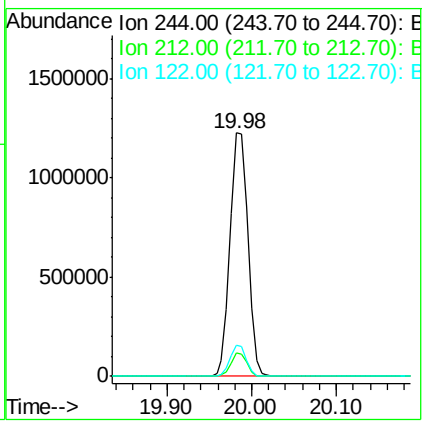


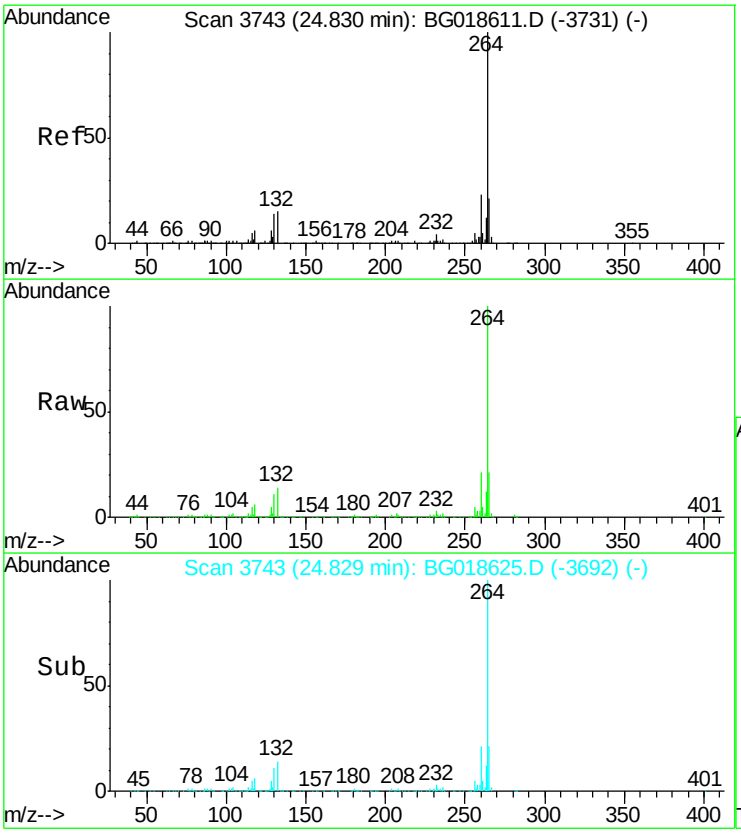
#78
Terphenyl-d14
Concen: 95.81 ng
RT: 19.98 min Scan# 2918
Delta R.T. -0.00 min
Lab File: BG018625.D
Acq: 11 Sep 2015 5:23

Instrument :
BNA_G
ClientSampleId :
FB

Tgt Ion:244 Resp: 1771748

Ion	Ratio	Lower	Upper
244	100		
212	9.4	6.9	10.3
122	12.9	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: BG018625.D
Acq: 11 Sep 2015 5:23

Tgt Ion:264 Resp: 479117

Ion	Ratio	Lower	Upper
264	100		
260	20.7	18.5	27.7
265	21.1	17.2	25.8