Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022710.D
Acq On : 30 Jun 2016 1:59
Operator : UM/SJ
Sample : H3828-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0584

Quant Time: Jun 30 05:10:05 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	152730	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	695007	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	527684	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1077205	20.00	ng	0.01
75) Chrysene-d12	21.86	240	1193948	20.00	ng	0.01
86) Perylene-d12	25.22	264	1246917	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	654700	68.76	ng	0.00
7) Phenol-d6	7.31	99	705912	52.59	ng	0.01
23) Nitrobenzene-d5	9.34	82	1301413	79.25	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	991170	119.42	ng	0.02
44) 2-Fluorobiphenyl	13.42	172	2563816	77.05	ng	0.00
78) Terphenyl-d14	20.16	244	2975914	66.04	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	8.93	107	46318	3.60	ng	94
31) Naphthalene	11.04	128	408190	11.68	ng	96

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

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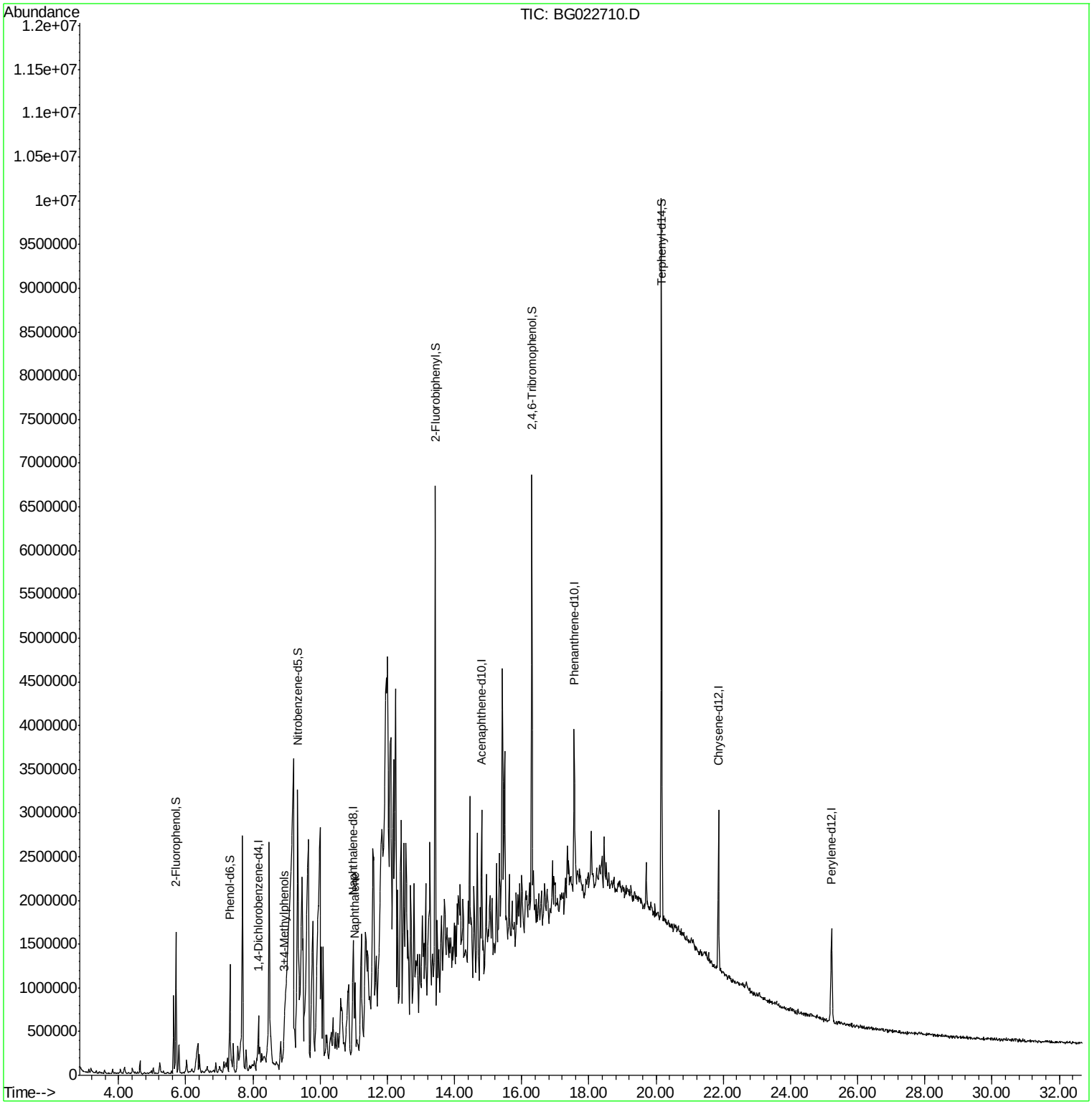
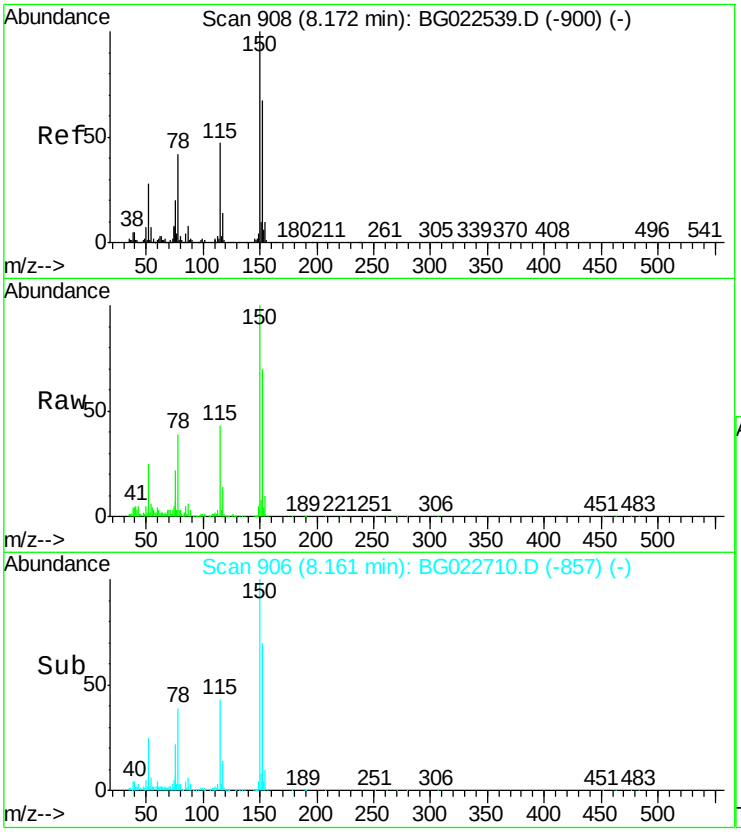


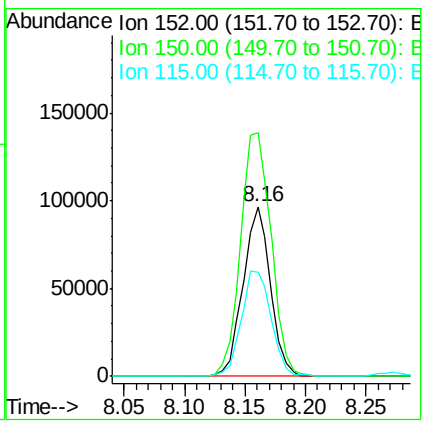


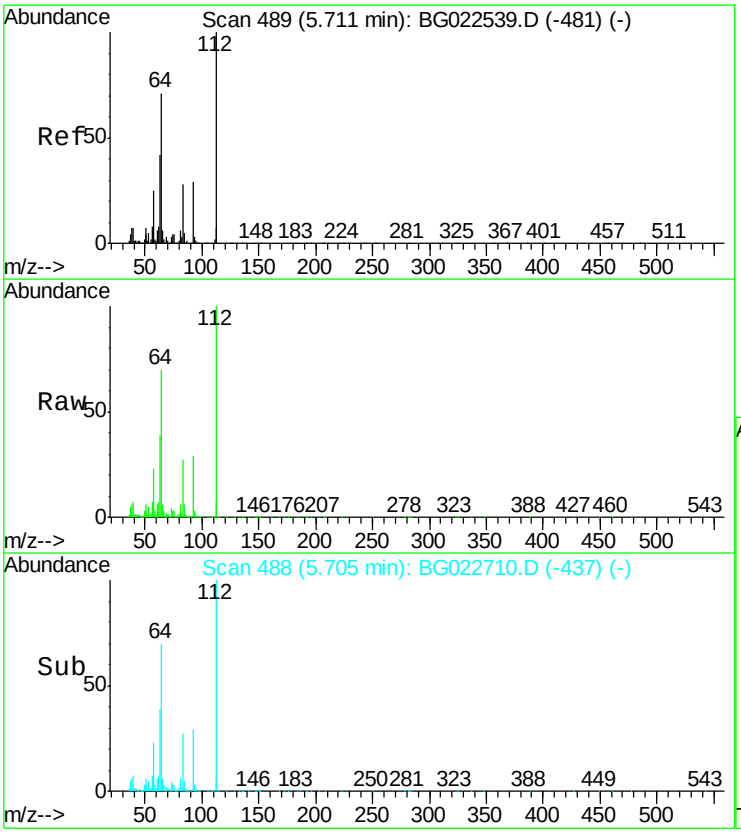
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG022710.D
Acq: 30 Jun 2016 1:59

Instrument :
BNA_G
ClientSampleId :
S8-0584

Tgt Ion:152 Resp: 152730

Ion	Ratio	Lower	Upper
152	100		
150	143.7	144.7	217.1#
115	61.1	64.0	96.0#

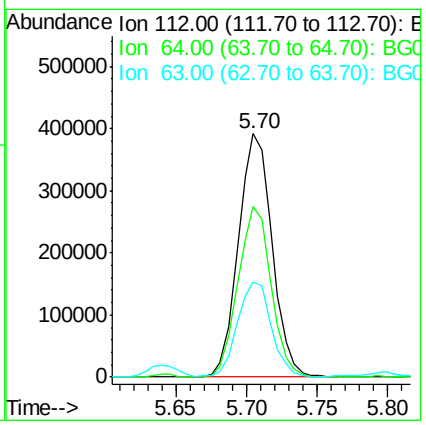


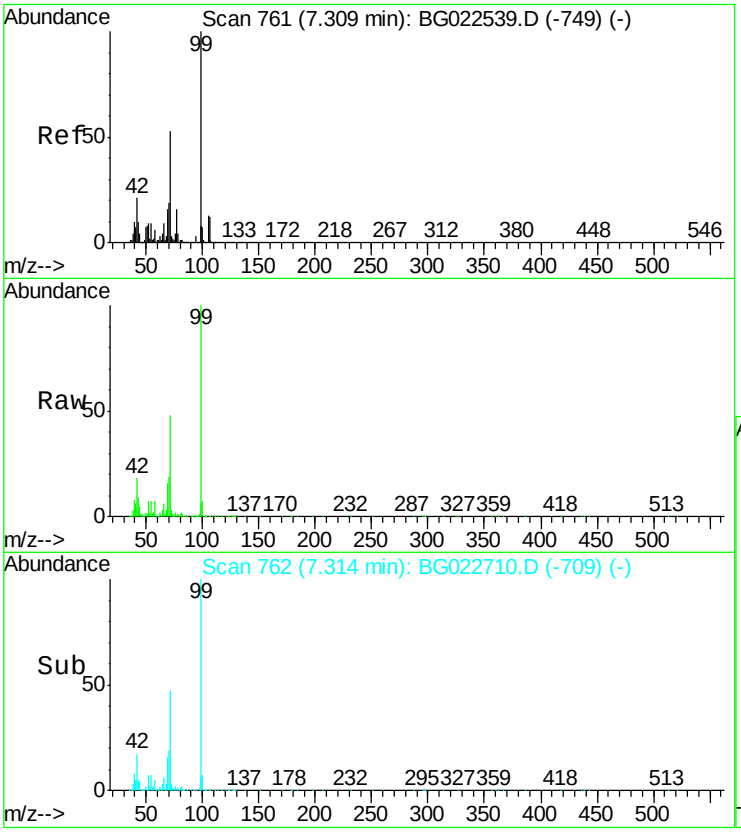


#5
2-Fluorophenol
Concen: 68.76 ng
RT: 5.70 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG022710.D
Acq: 30 Jun 2016 1:59

Tgt Ion:112 Resp: 654700

Ion	Ratio	Lower	Upper
112	100		
64	70.2	59.0	88.4
63	39.3	37.8	56.8



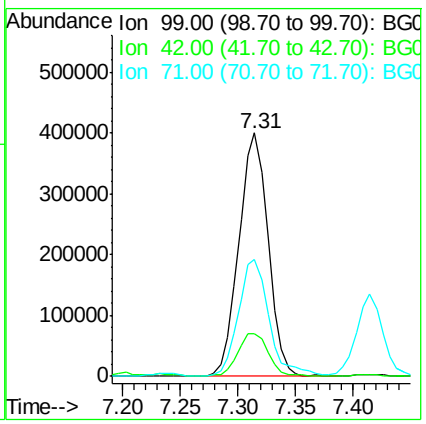


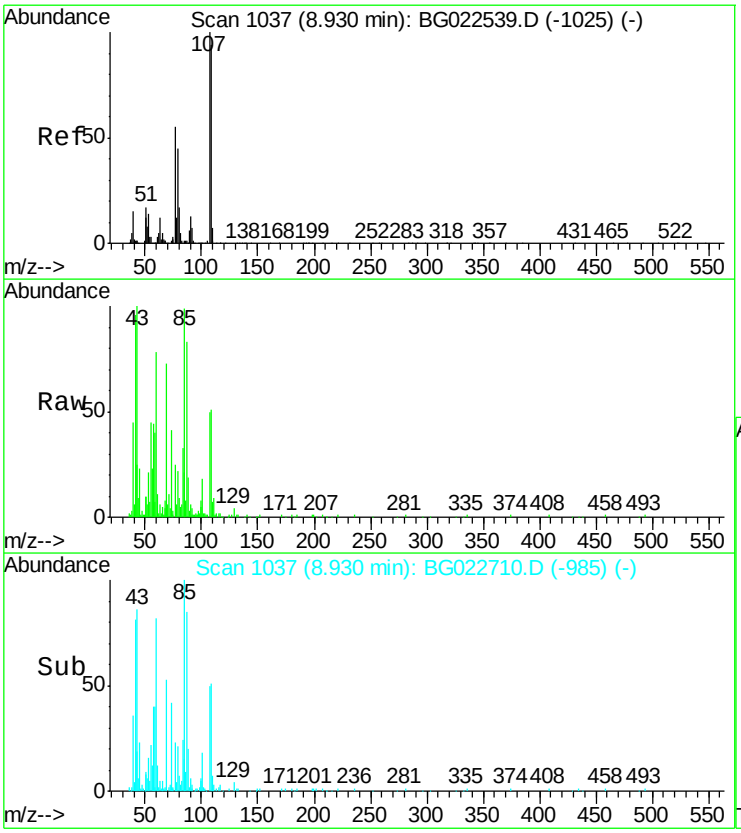
#7
Phenol-d6
Concen: 52.59 ng
RT: 7.31 min Scan# 762
Delta R.T. 0.01 min
Lab File: BG022710.D
Acq: 30 Jun 2016 1:59

Instrument :
BNA_G
ClientSampleId :
S8-0584

Tgt Ion: 99 Resp: 705912

Ion	Ratio	Lower	Upper
99	100		
42	17.7	17.8	26.6#
71	47.9	41.5	62.3

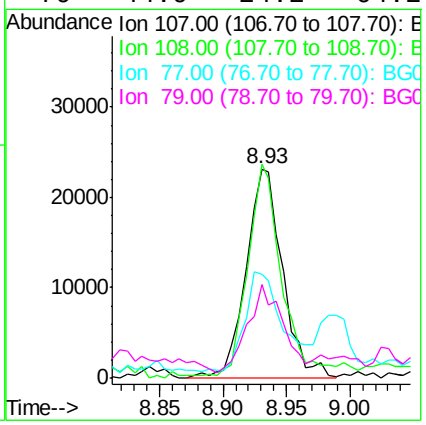


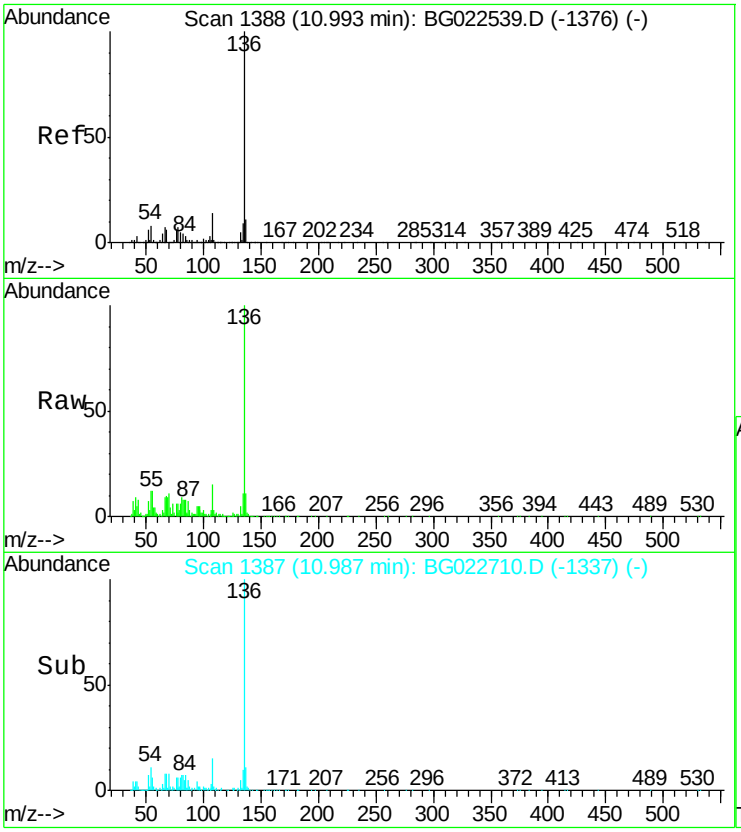


#20
3+4-Methylphenols
Concen: 3.60 ng
RT: 8.93 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BG022710.D
Acq: 30 Jun 2016 1:59

Tgt Ion:107 Resp: 46318

Ion	Ratio	Lower	Upper
107	100		
108	102.2	72.5	112.5
77	49.3	30.1	70.1
79	44.9	24.2	64.2



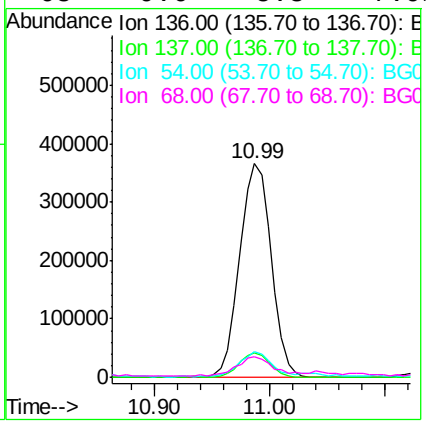


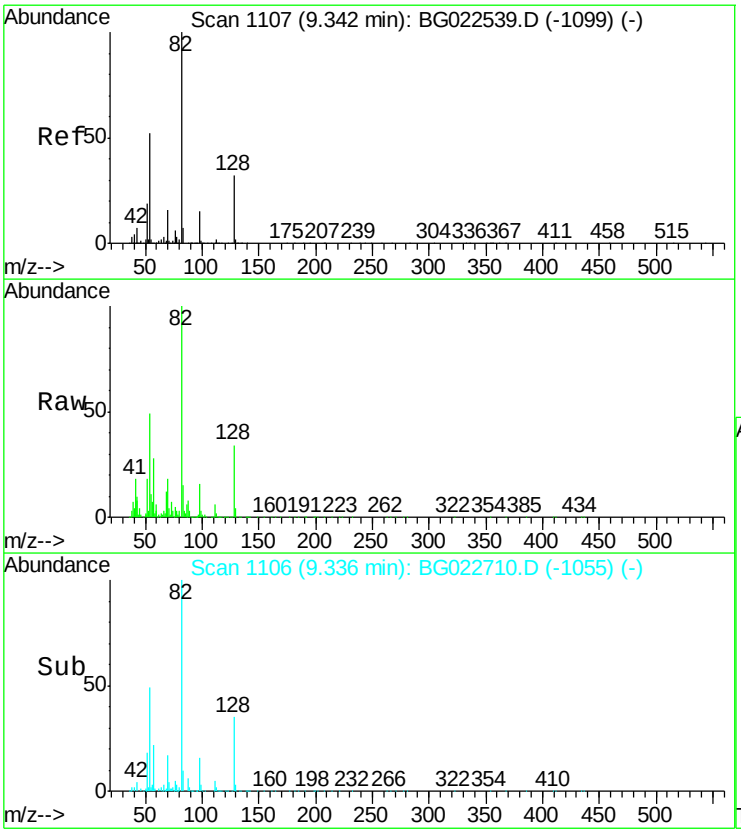
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BG022710.D
Acq: 30 Jun 2016 1:59

Instrument :
BNA_G
ClientSampleId :
S8-0584

Tgt Ion:136 Resp: 695007

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	11.7	7.3	10.9#
68	9.6	5.3	7.9#

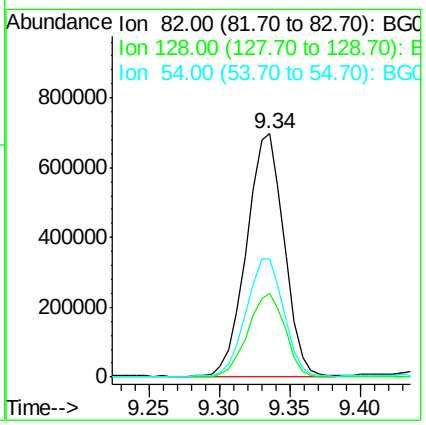


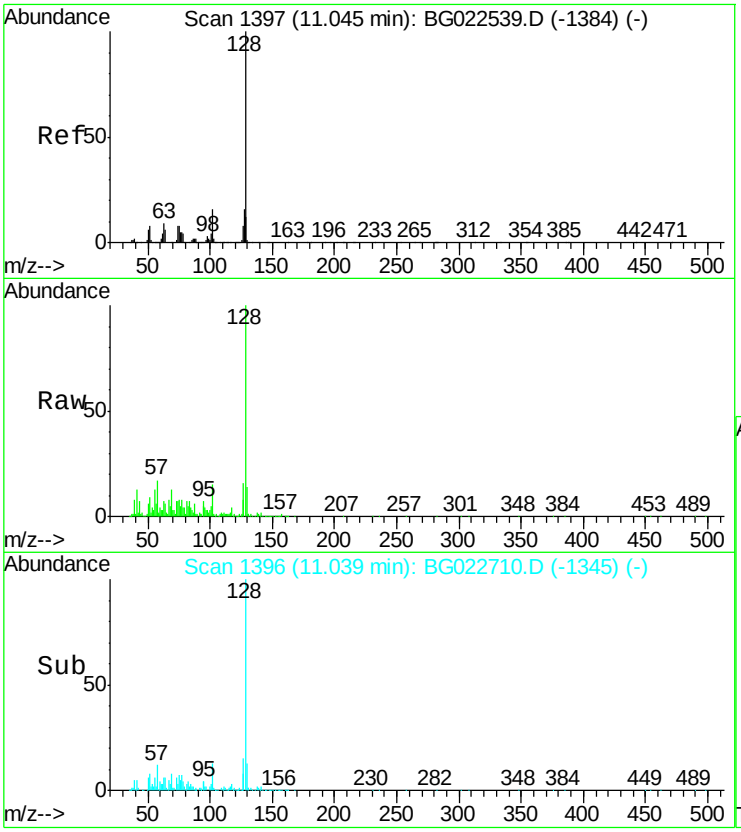


#23
Nitrobenzene-d5
Concen: 79.25 ng
RT: 9.34 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BG022710.D
Acq: 30 Jun 2016 1:59

Tgt Ion: 82 Resp: 1301413

Ion	Ratio	Lower	Upper
82	100		
128	34.5	24.4	36.6
54	48.8	41.4	62.0



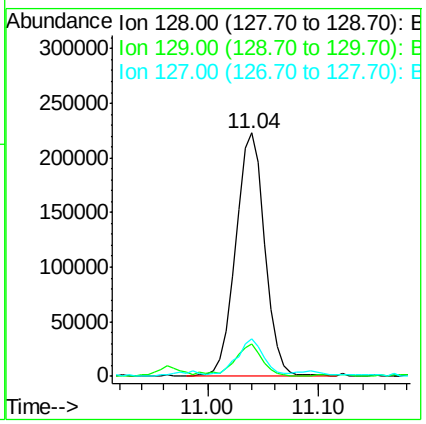


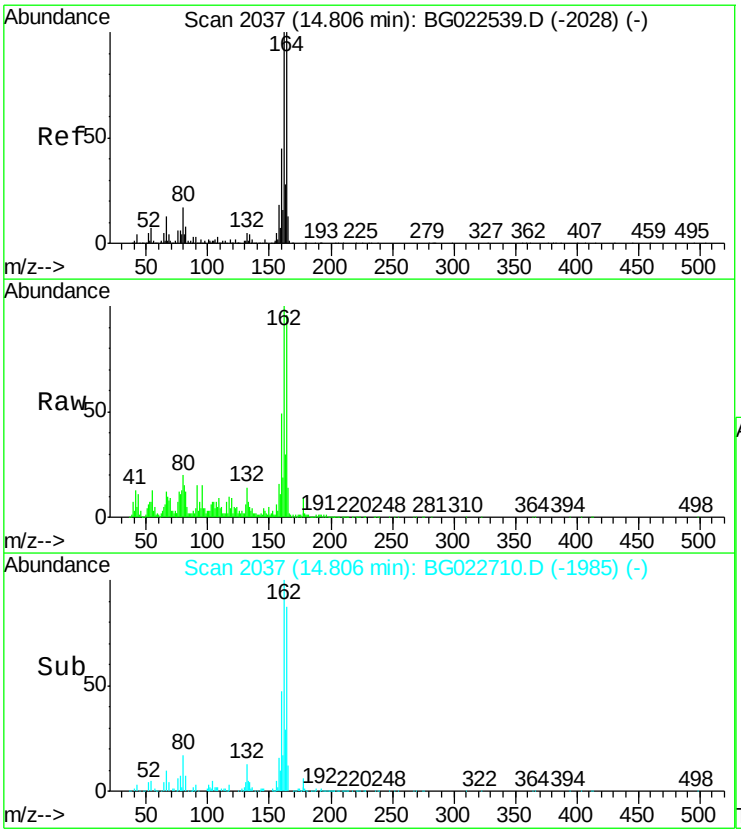
#31
Naphthalene
Concen: 11.68 ng
RT: 11.04 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BG022710.D
Acq: 30 Jun 2016 1:59

Instrument :
BNA_G
ClientSampleId :
S8-0584

Tgt Ion:128 Resp: 408190

Ion	Ratio	Lower	Upper
128	100		
129	13.5	9.4	14.0
127	15.6	11.3	16.9

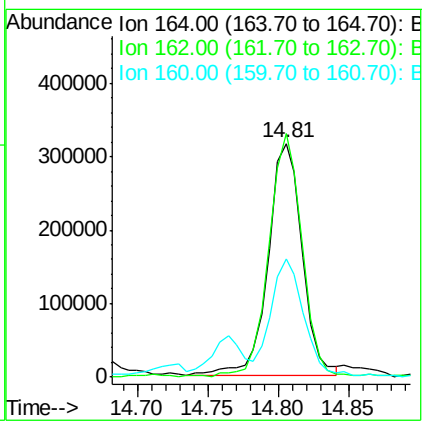


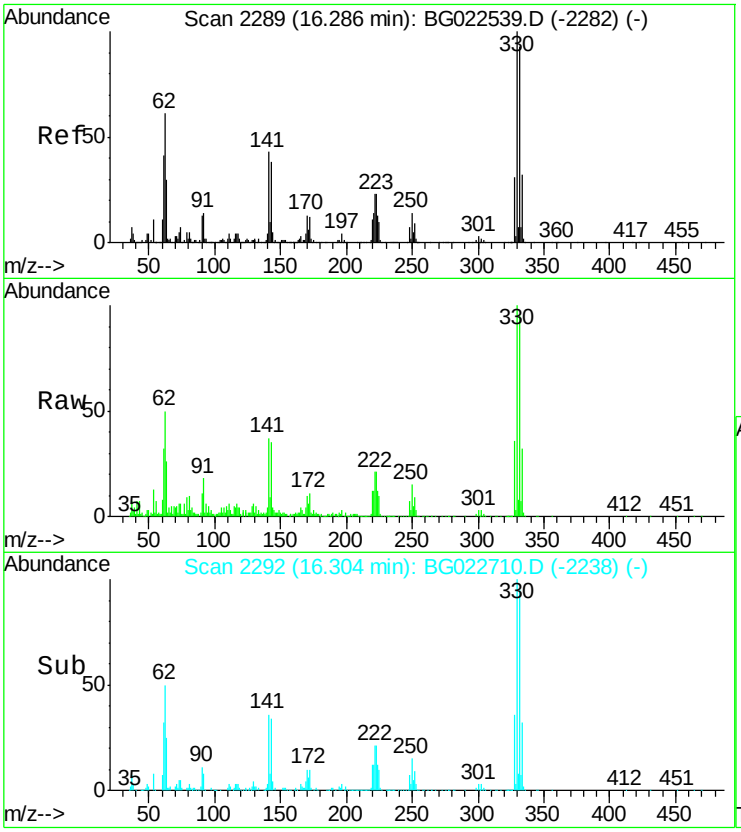


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BG022710.D
Acq: 30 Jun 2016 1:59

Tgt Ion:164 Resp: 527684

Ion	Ratio	Lower	Upper
164	100		
162	104.2	87.7	131.5
160	50.6	37.2	55.8



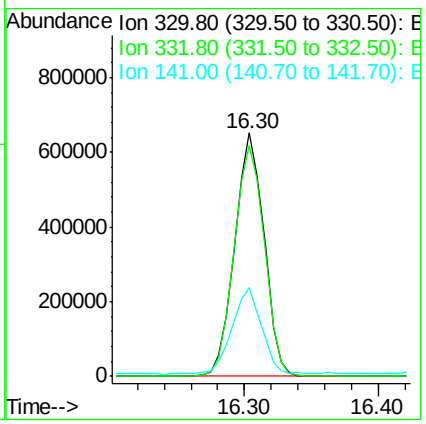


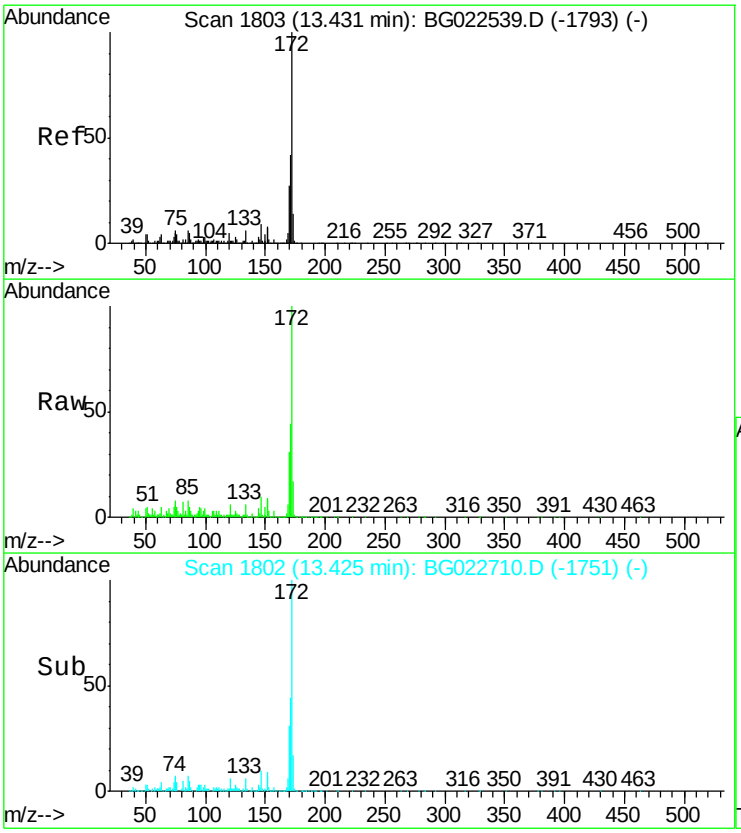
#41
2,4,6-Tribromophenol
Concen: 119.42 ng
RT: 16.30 min Scan# 2292
Delta R.T. 0.02 min
Lab File: BG022710.D
Acq: 30 Jun 2016 1:59

Instrument :
BNA_G
ClientSampleId :
S8-0584

Tgt Ion:330 Resp: 991170

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.4	116.2
141	36.8	31.7	47.5

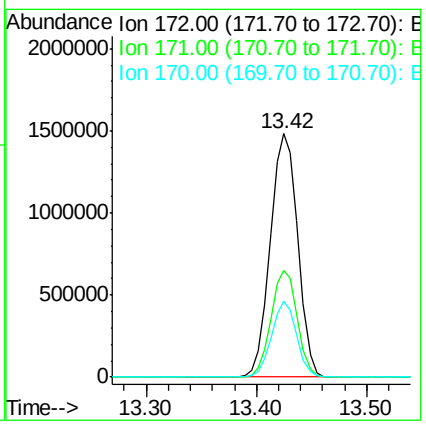


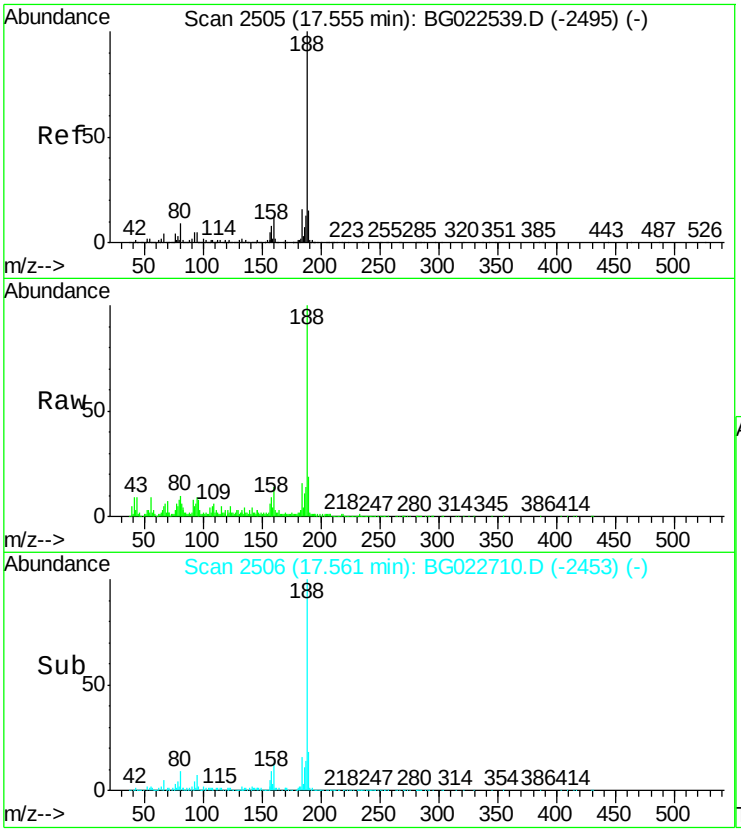


#44
2-Fluorobiphenyl
Concen: 77.05 ng
RT: 13.42 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BG022710.D
Acq: 30 Jun 2016 1:59

Tgt Ion:172 Resp: 2563816

Ion	Ratio	Lower	Upper
172	100		
171	44.1	31.6	47.4
170	31.2	21.3	31.9



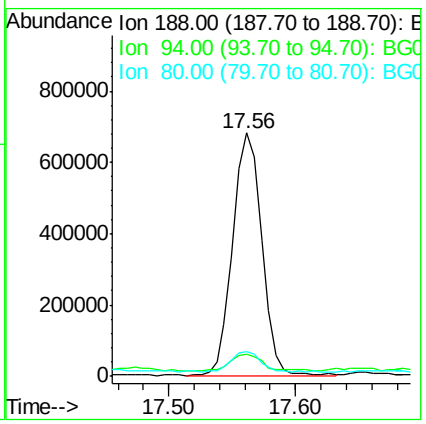


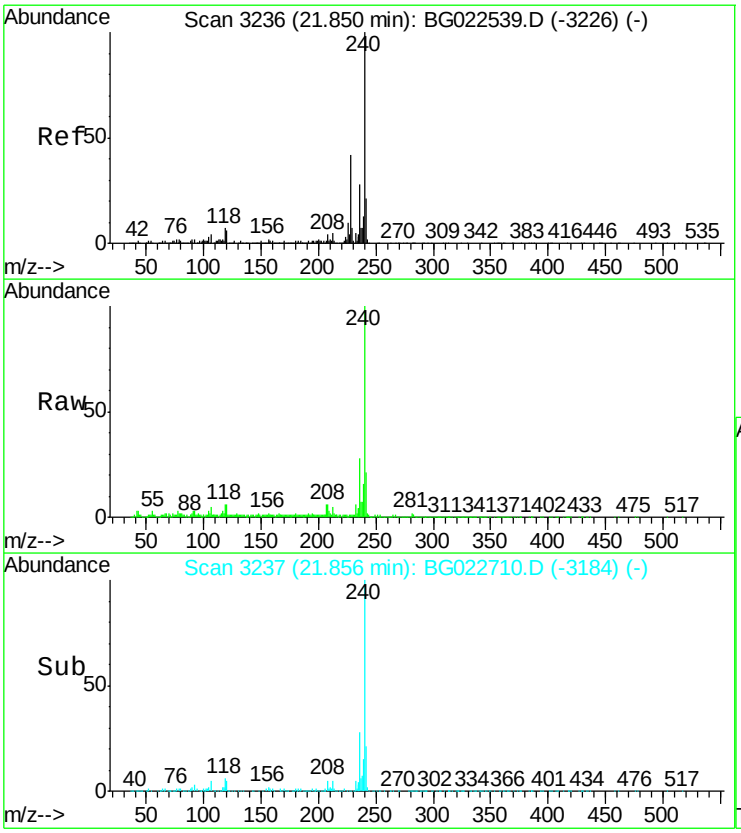
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. 0.01 min
Lab File: BG022710.D
Acq: 30 Jun 2016 1:59

Instrument :
BNA_G
ClientSampleId :
S8-0584

Tgt Ion:188 Resp: 1077205

Ion	Ratio	Lower	Upper
188	100		
94	9.3	5.2	7.8#
80	10.2	7.2	10.8

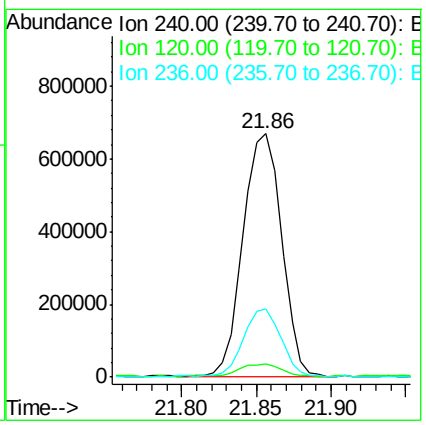


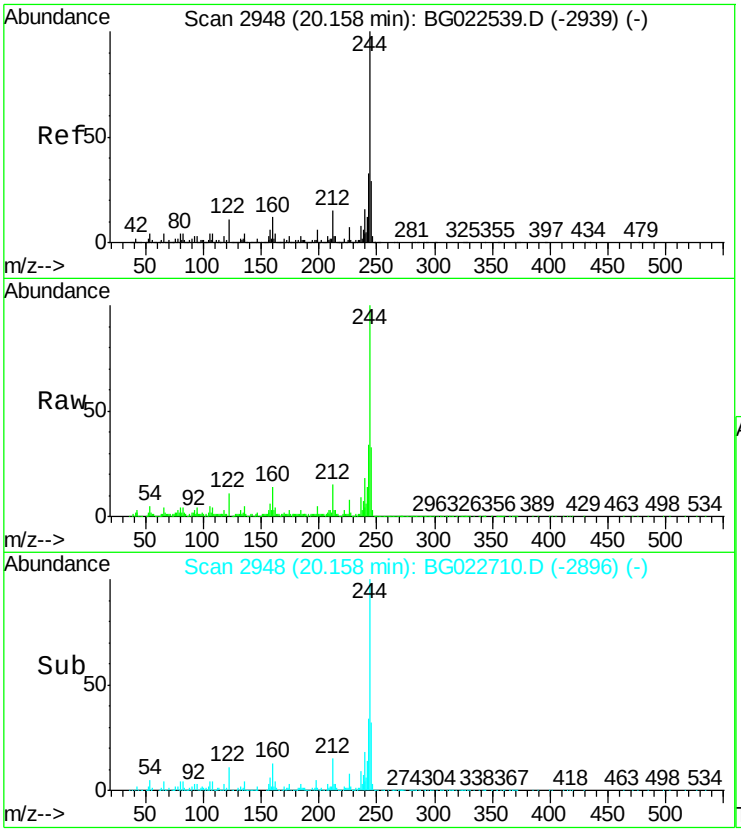


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3237
Delta R.T. 0.01 min
Lab File: BG022710.D
Acq: 30 Jun 2016 1:59

Tgt Ion:240 Resp: 1193948

Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.1	6.1
236	28.1	21.1	31.7



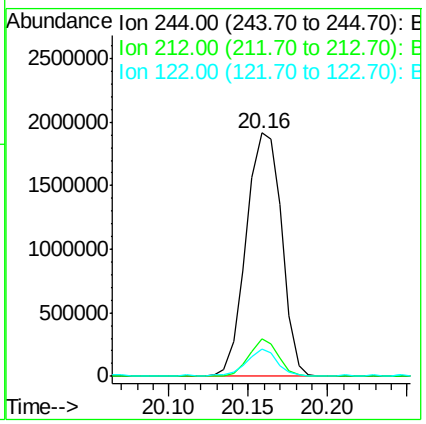


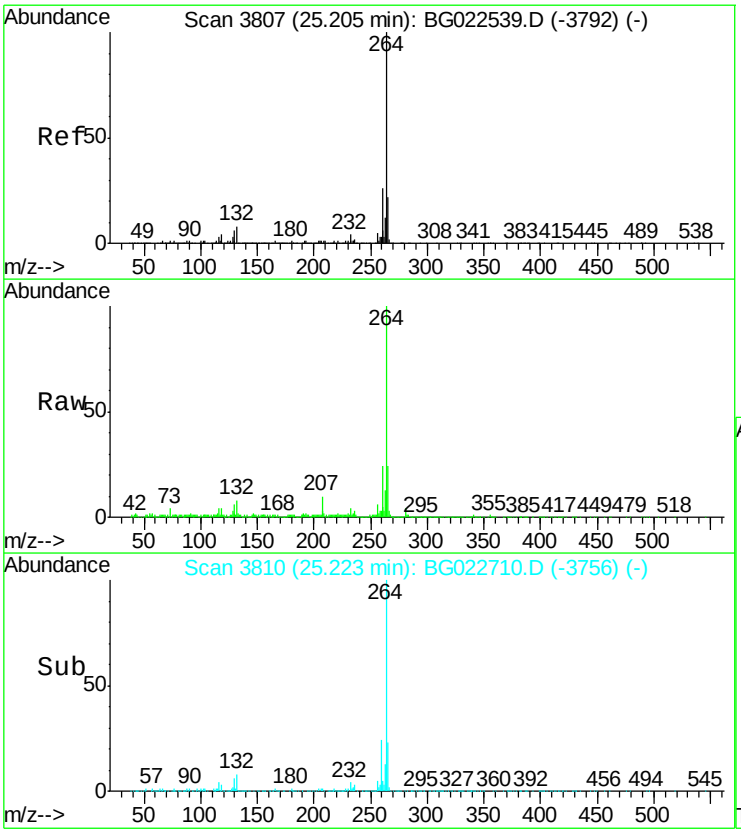
#78
Terphenyl-d14
Concen: 66.04 ng
RT: 20.16 min Scan# 2948
Delta R.T. 0.01 min
Lab File: BG022710.D
Acq: 30 Jun 2016 1:59

Instrument :
BNA_G
ClientSampleId :
S8-0584

Tgt Ion:244 Resp: 2975914

Ion	Ratio	Lower	Upper
244	100		
212	15.2	10.8	16.2
122	11.3	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.22 min Scan# 3810
Delta R.T. 0.02 min
Lab File: BG022710.D
Acq: 30 Jun 2016 1:59

Tgt Ion:264 Resp: 1246917

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.4	27.6
265	23.8	18.9	28.3