Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022711.D
Acq On : 30 Jun 2016 2:39
Operator : UM/SJ
Sample : H3828-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0583

Quant Time: Jun 30 05:14:26 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	139579	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	659517	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	489154	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1097536	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1157294	20.00	ng	0.00
86) Perylene-d12	25.23	264	1205556	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	379856	43.65	ng	0.00
7) Phenol-d6	7.32	99	437655	35.68	ng	0.01
23) Nitrobenzene-d5	9.33	82	906357	58.16	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	740315	96.22	ng	0.01
44) 2-Fluorobiphenyl	13.42	172	1950241	63.23	ng	0.00
78) Terphenyl-d14	20.16	244	2461844	56.36	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	10.14	122	32983	2.78	ng	# 70
49) Dimethylphthalate	14.25	163	132757	3.27	ng	99

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

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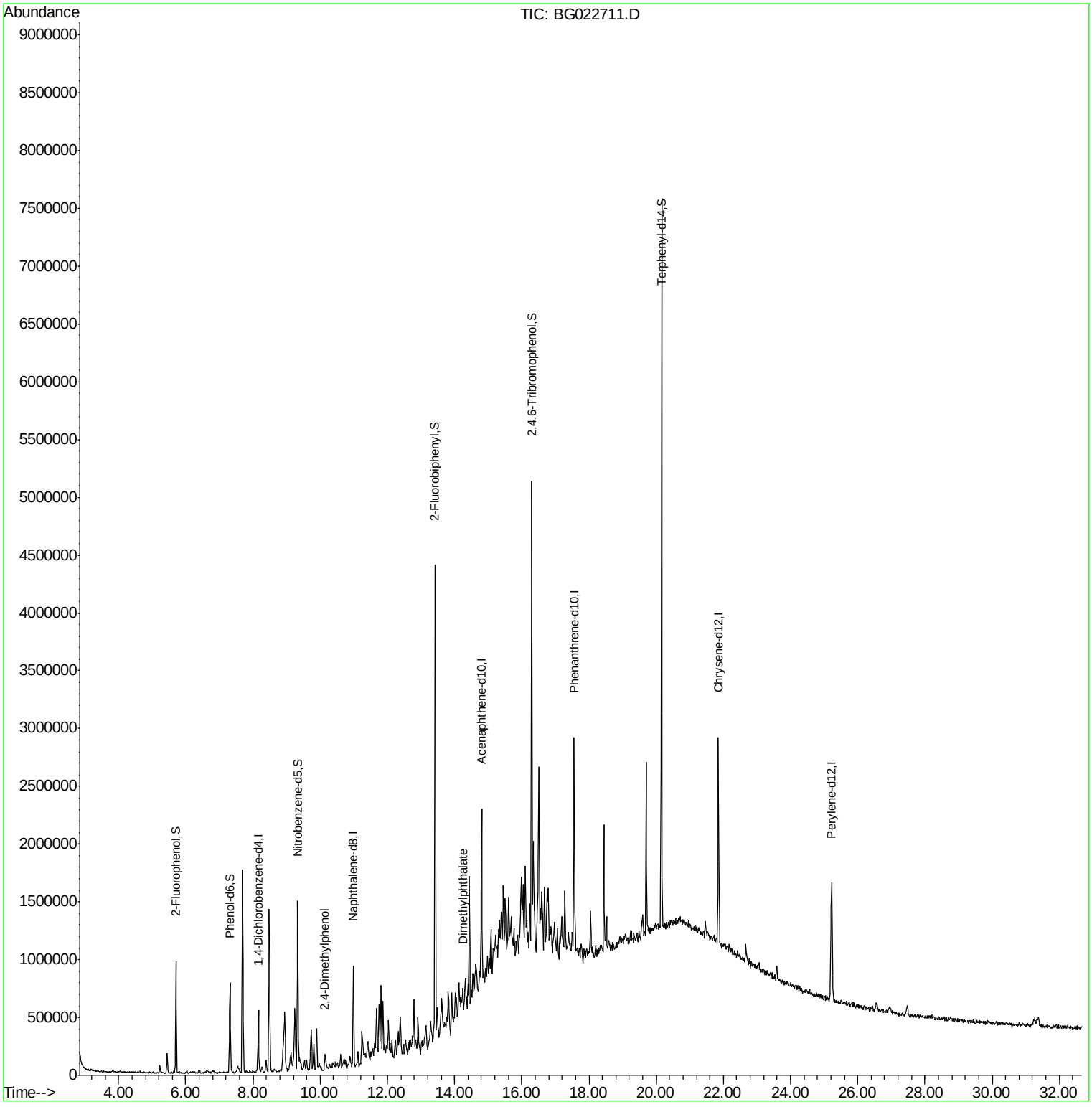
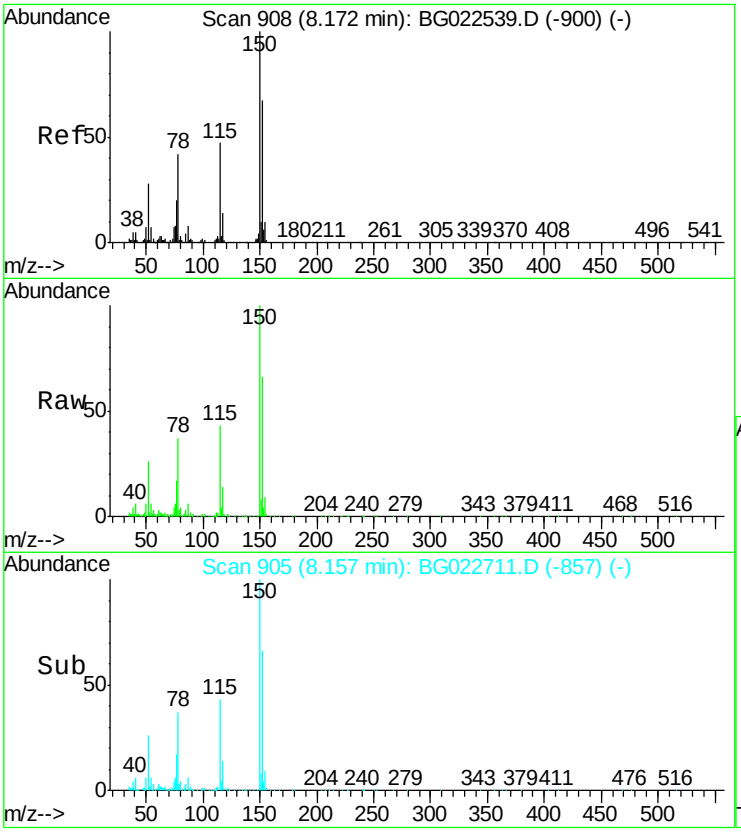


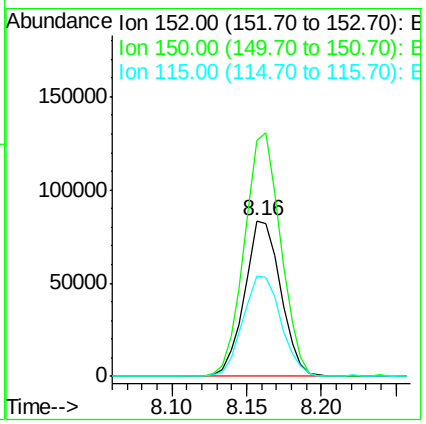


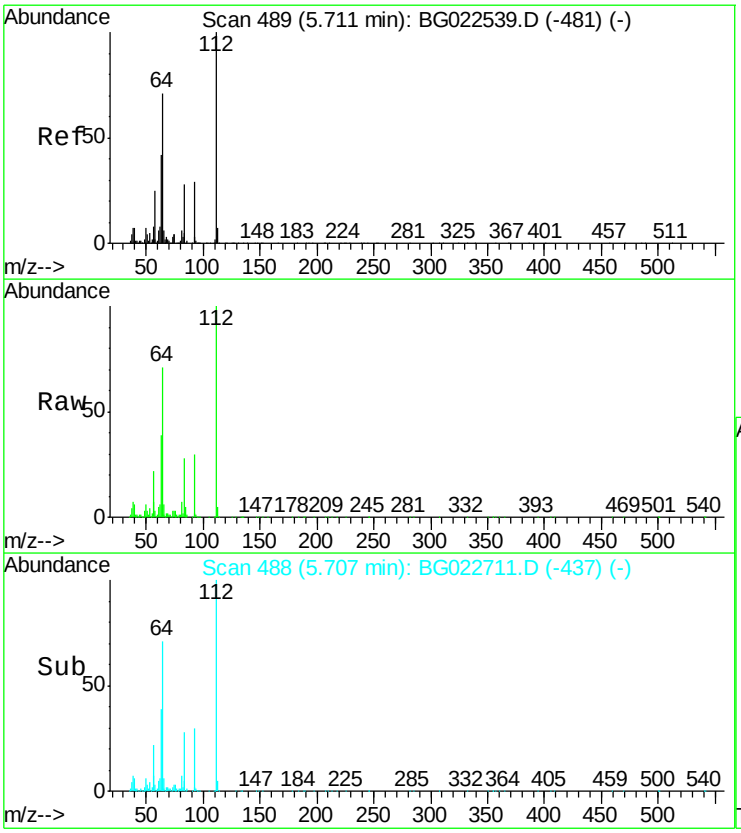
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 905
Delta R.T. -0.02 min
Lab File: BG022711.D
Acq: 30 Jun 2016 2:39

Instrument :
BNA_G
ClientSampleId :
S8-0583

Tgt Ion:152 Resp: 139579

Ion	Ratio	Lower	Upper
152	100		
150	152.3	144.7	217.1
115	64.8	64.0	96.0

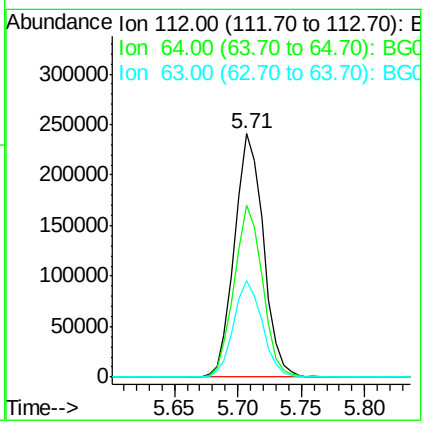


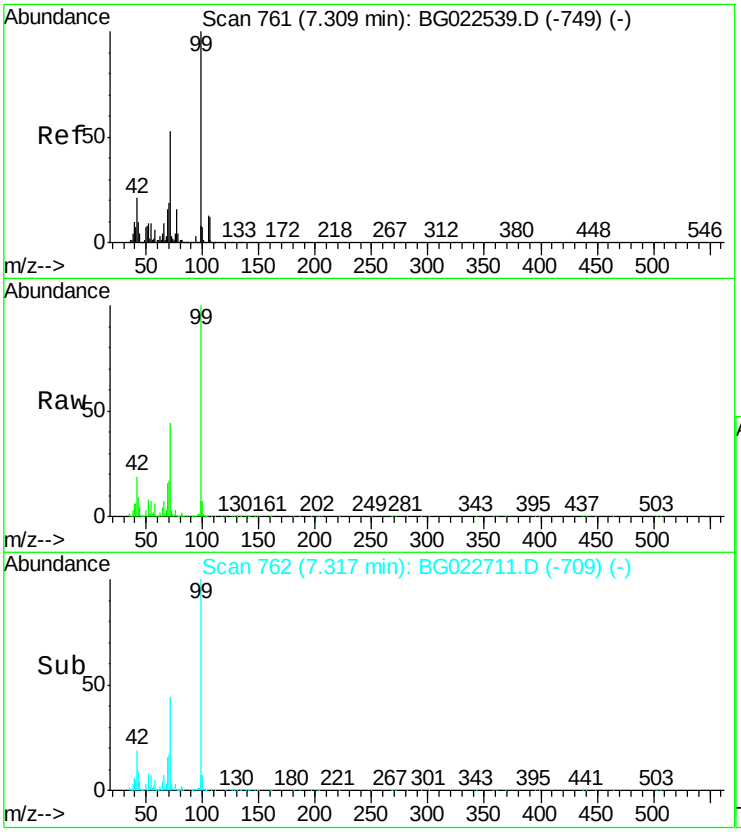


#5
2-Fluorophenol
Concen: 43.65 ng
RT: 5.71 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG022711.D
Acq: 30 Jun 2016 2:39

Tgt Ion:112 Resp: 379856

Ion	Ratio	Lower	Upper
112	100		
64	70.6	59.0	88.4
63	39.4	37.8	56.8



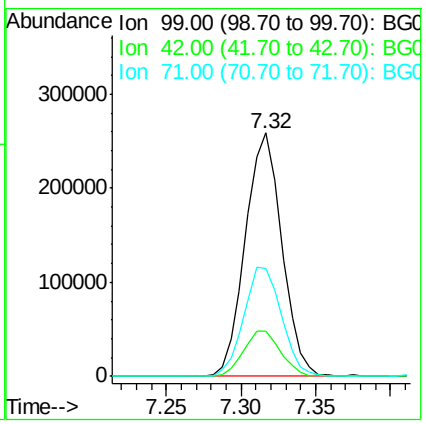


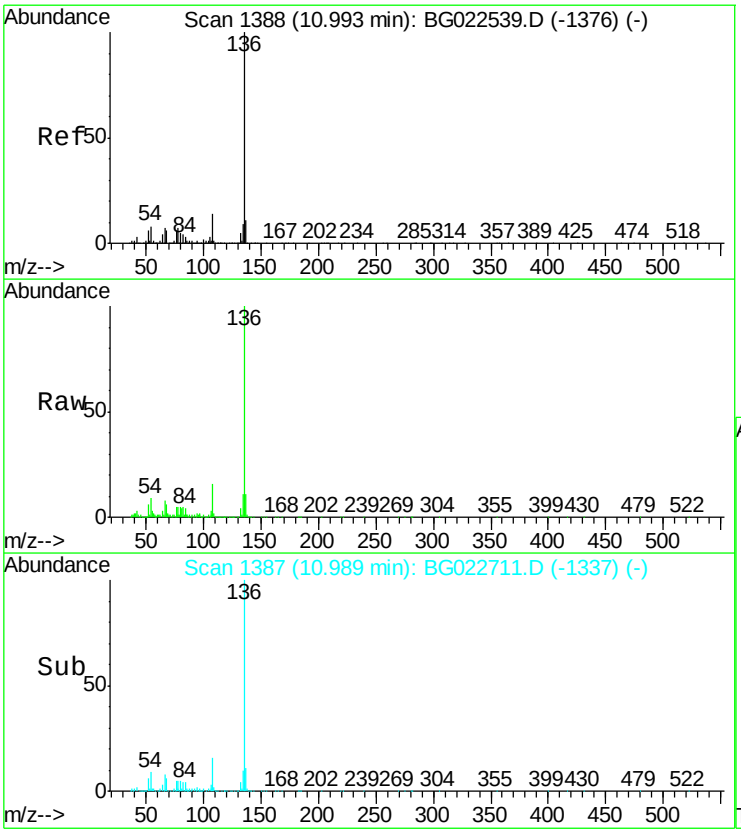
#7
Phenol-d6
Concen: 35.68 ng
RT: 7.32 min Scan# 762
Delta R.T. 0.01 min
Lab File: BG022711.D
Acq: 30 Jun 2016 2:39

Instrument :
BNA_G
ClientSampleId :
S8-0583

Tgt Ion: 99 Resp: 437655

Ion	Ratio	Lower	Upper
99	100		
42	18.7	17.8	26.6
71	44.2	41.5	62.3

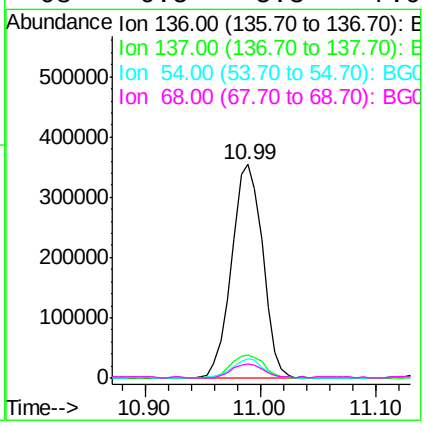


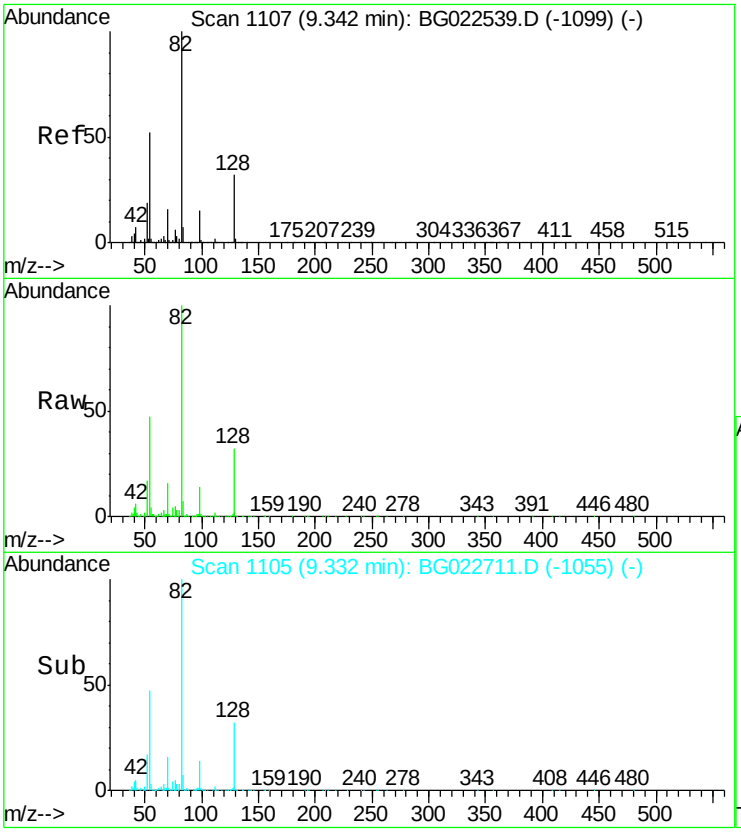


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG022711.D
Acq: 30 Jun 2016 2:39

Tgt Ion:136 Resp: 659517

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	8.8	7.3	10.9
68	6.5	5.3	7.9



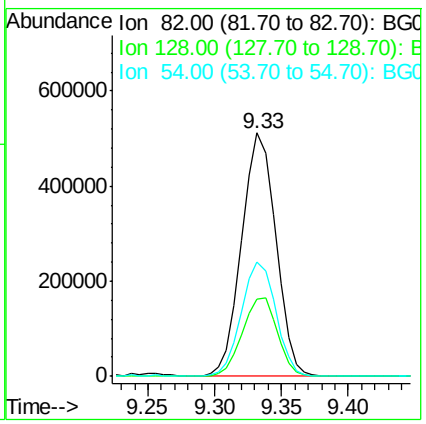


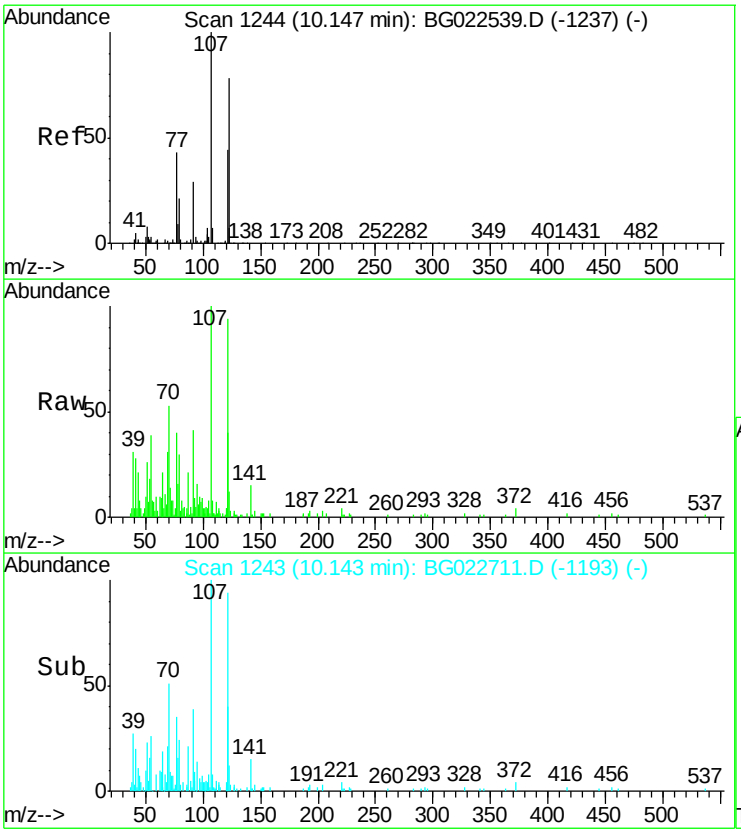
#23
Nitrobenzene-d5
Concen: 58.16 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BG022711.D
Acq: 30 Jun 2016 2:39

Instrument :
BNA_G
ClientSampleId :
S8-0583

Tgt Ion: 82 Resp: 906357

Ion	Ratio	Lower	Upper
82	100		
128	31.9	24.4	36.6
54	47.1	41.4	62.0

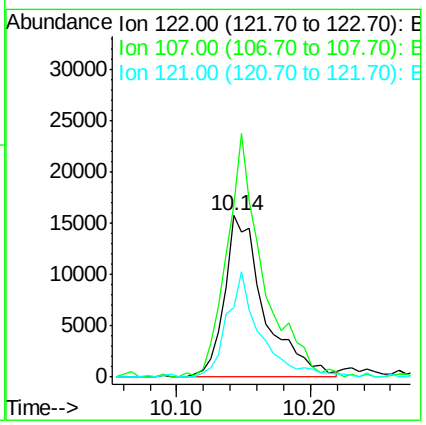


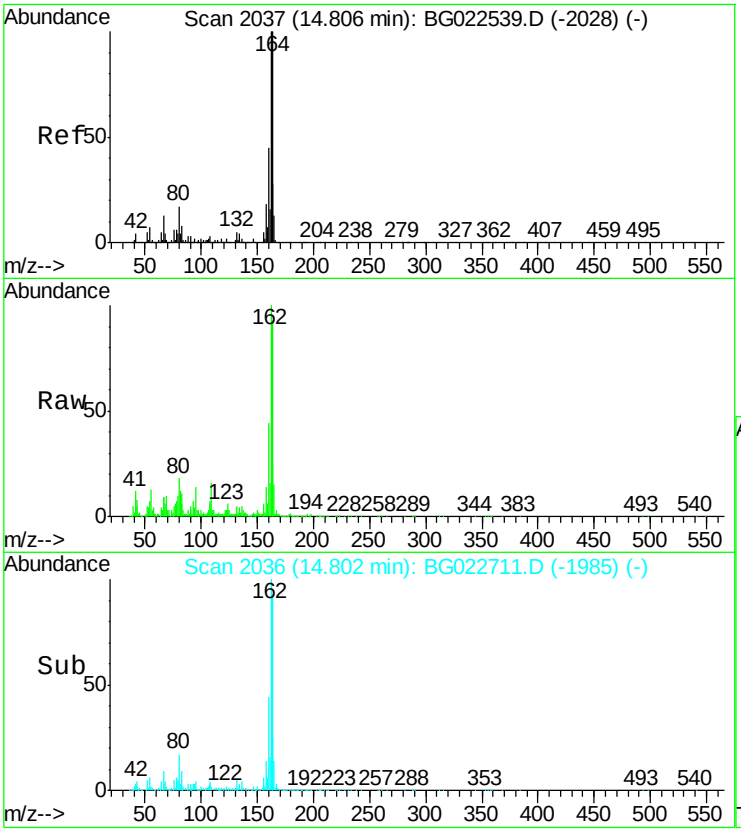


#27
2,4-Dimethylphenol
Concen: 2.78 ng
RT: 10.14 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BG022711.D
Acq: 30 Jun 2016 2:39

Tgt Ion:122 Resp: 32983

Ion	Ratio	Lower	Upper
122	100		
107	106.8	117.0	175.4#
121	42.8	50.1	75.1#



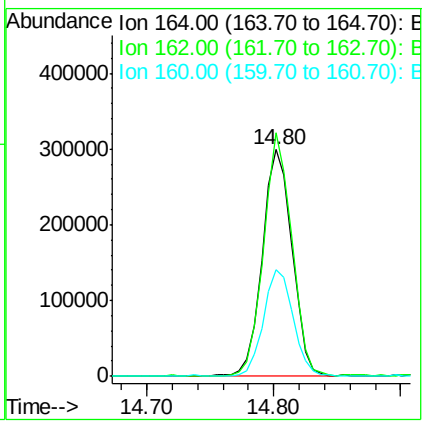


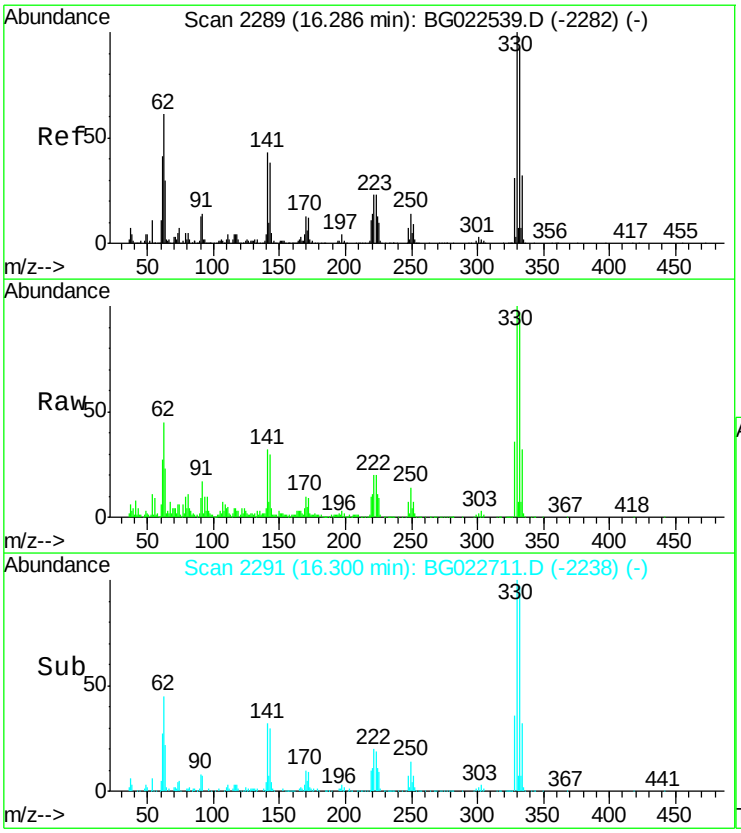
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG022711.D
Acq: 30 Jun 2016 2:39

Instrument :
BNA_G
ClientSampleId :
S8-0583

Tgt Ion:164 Resp: 489154

Ion	Ratio	Lower	Upper
164	100		
162	107.4	87.7	131.5
160	46.8	37.2	55.8

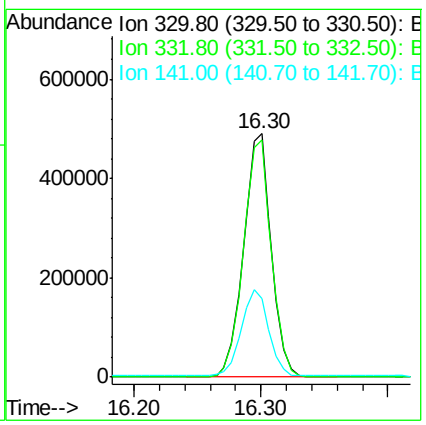


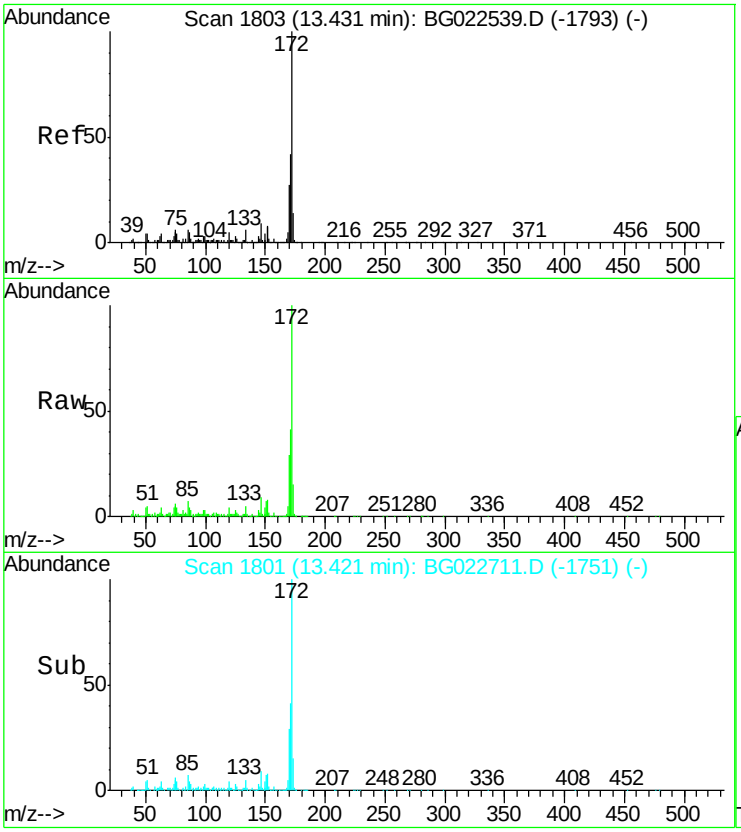


#41
2,4,6-Tribromophenol
Concen: 96.22 ng
RT: 16.30 min Scan# 2291
Delta R.T. 0.01 min
Lab File: BG022711.D
Acq: 30 Jun 2016 2:39

Tgt Ion:330 Resp: 740315

Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.4	116.2
141	34.9	31.7	47.5



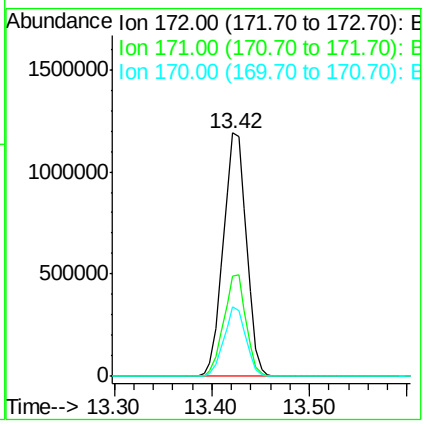


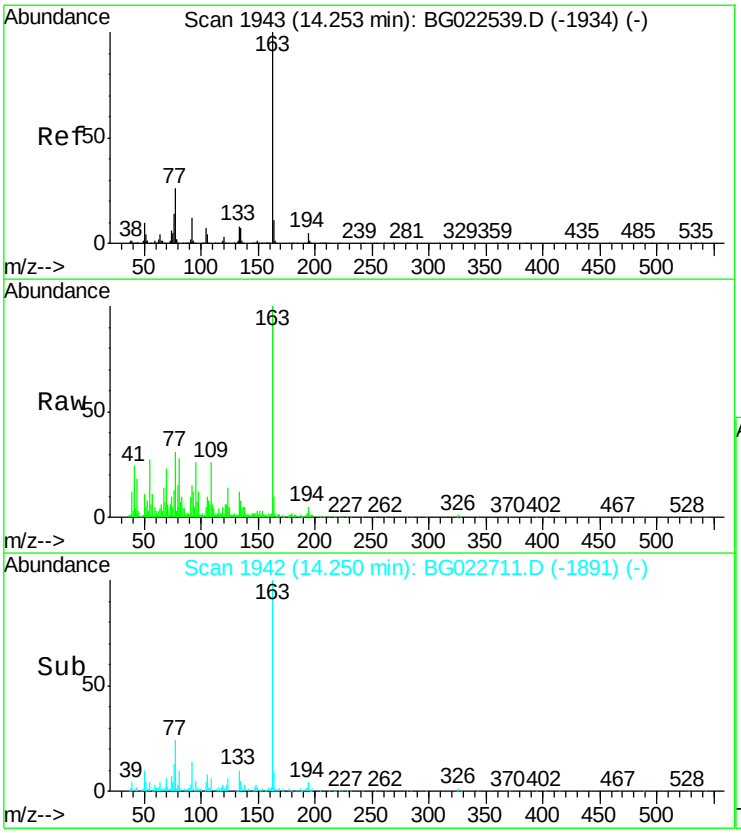
#44
2-Fluorobiphenyl
Concen: 63.23 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG022711.D
Acq: 30 Jun 2016 2:39

Instrument :
BNA_G
ClientSampleId :
S8-0583

Tgt Ion:172 Resp: 1950241

Ion	Ratio	Lower	Upper
172	100		
171	41.0	31.6	47.4
170	28.7	21.3	31.9

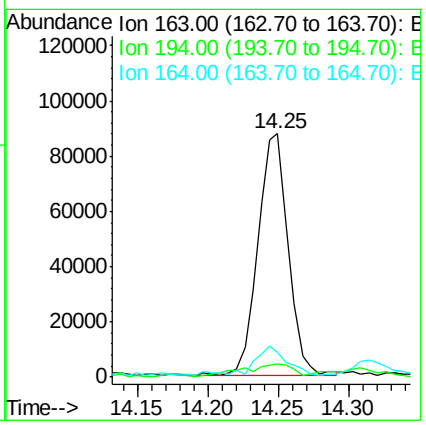


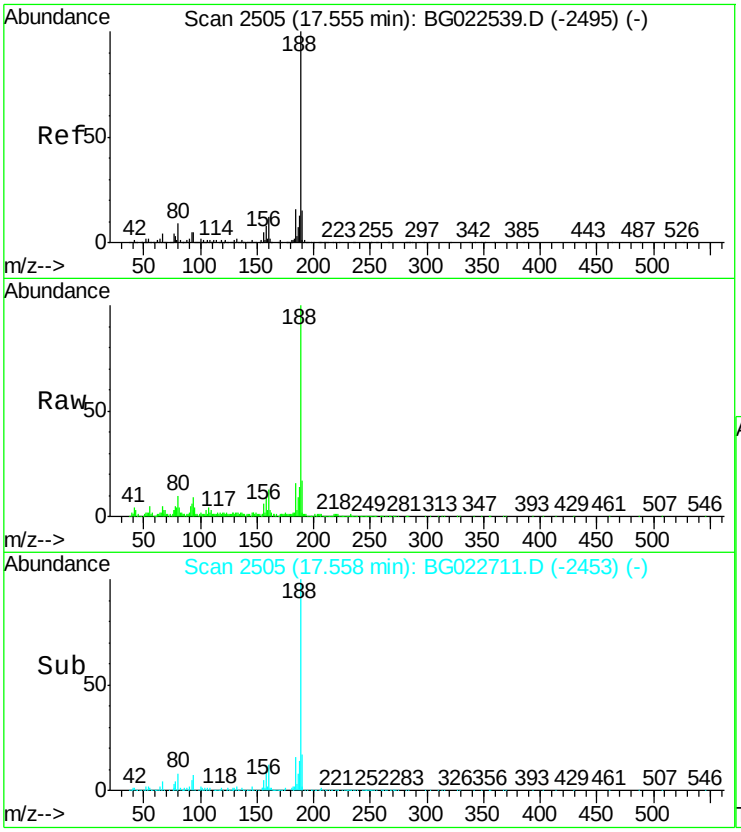


#49
Dimethylphthalate
Concen: 3.27 ng
RT: 14.25 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BG022711.D
Acq: 30 Jun 2016 2:39

Tgt Ion:163 Resp: 132757

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.6	5.4
164	10.0	8.1	12.1



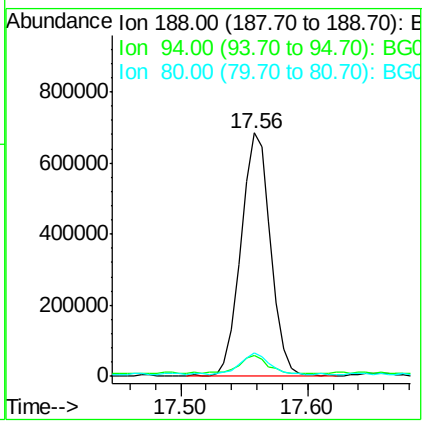


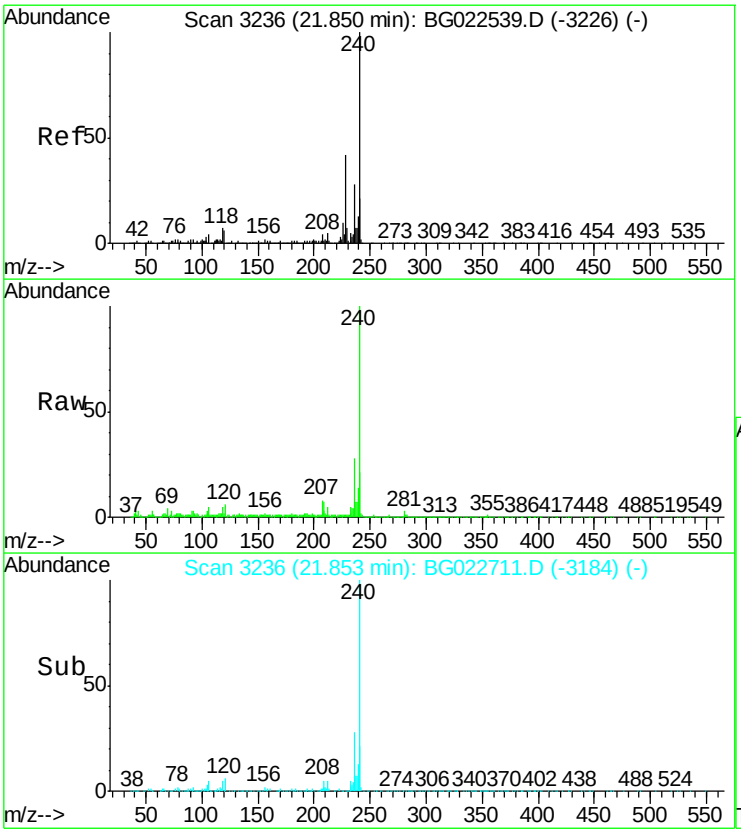
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG022711.D
Acq: 30 Jun 2016 2:39

Instrument :
BNA_G
ClientSampleId :
S8-0583

Tgt Ion:188 Resp: 1097536

Ion	Ratio	Lower	Upper
188	100		
94	8.7	5.2	7.8#
80	9.7	7.2	10.8

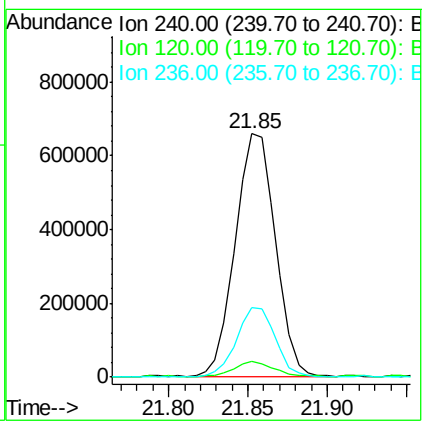


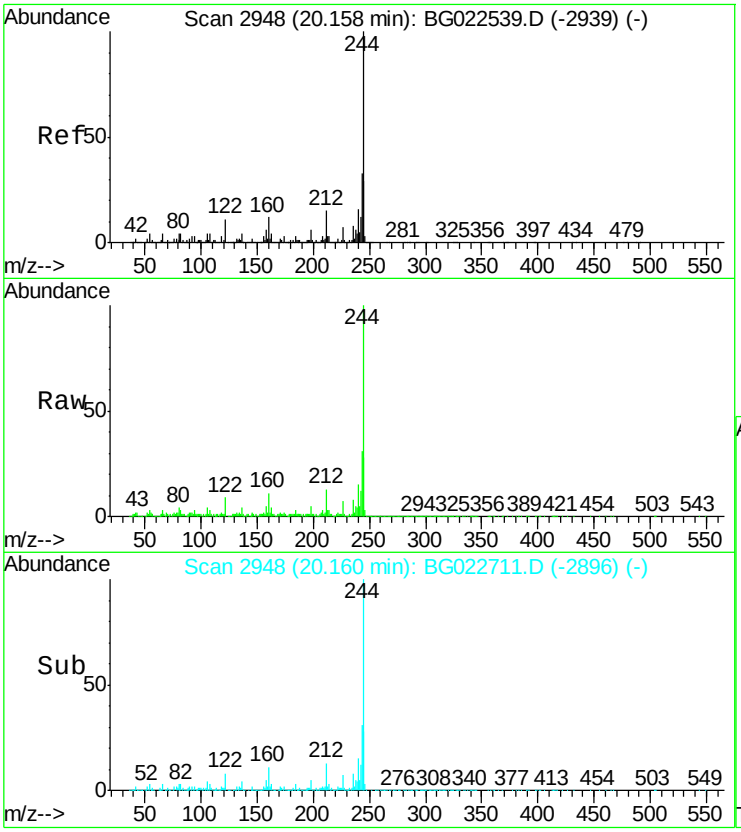


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.01 min
Lab File: BG022711.D
Acq: 30 Jun 2016 2:39

Tgt Ion:240 Resp: 1157294

Ion	Ratio	Lower	Upper
240	100		
120	6.4	4.1	6.1#
236	28.4	21.1	31.7



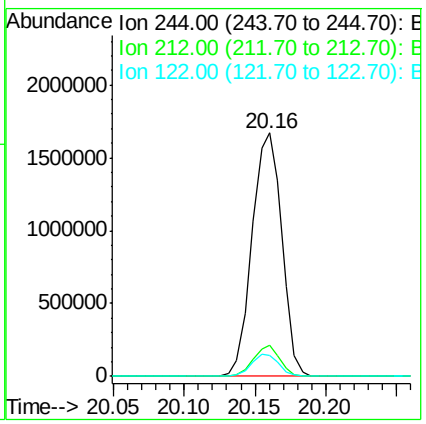


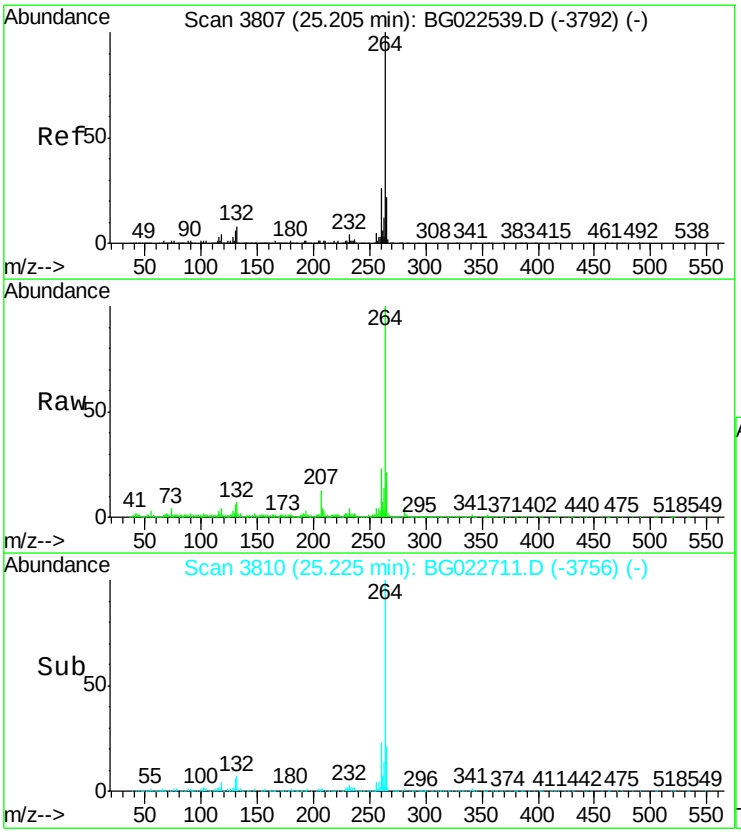
#78
Terphenyl-d14
Concen: 56.36 ng
RT: 20.16 min Scan# 2948
Delta R.T. 0.01 min
Lab File: BG022711.D
Acq: 30 Jun 2016 2:39

Instrument :
BNA_G
ClientSampleId :
S8-0583

Tgt Ion:244 Resp: 2461844

Ion	Ratio	Lower	Upper
244	100		
212	12.9	10.8	16.2
122	8.6	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.23 min Scan# 3810
Delta R.T. 0.02 min
Lab File: BG022711.D
Acq: 30 Jun 2016 2:39

Tgt Ion:264 Resp: 1205556

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	21.2	18.9	28.3