Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023140.D
Acq On : 16 Jul 2016 10:18
Operator : UM/SJ
Sample : H3951-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LSS-SB-SB02(11-13ft)

Quant Time: Jul 18 14:16:58 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 18:30:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	89518	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	381332	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	297421	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	793972	20.00	ng	0.00
75) Chrysene-d12	21.85	240	894700	20.00	ng	0.00
86) Perylene-d12	25.23	264	895214	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	781799	142.84	ng	0.00
7) Phenol-d6	7.30	99	1227337	143.17	ng	0.00
23) Nitrobenzene-d5	9.32	82	886057	99.49	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	701585	131.25	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1642578	86.99	ng	0.00
78) Terphenyl-d14	20.15	244	2565153	95.16	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.33	94	20016	2.27	ng	82
49) Dimethylphthalate	14.24	163	590813	24.32	ng	100

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

Quantitation Report (QT/LSC Reviewed)

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Acq On : 16 Jul 2016 10:18
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Misc :
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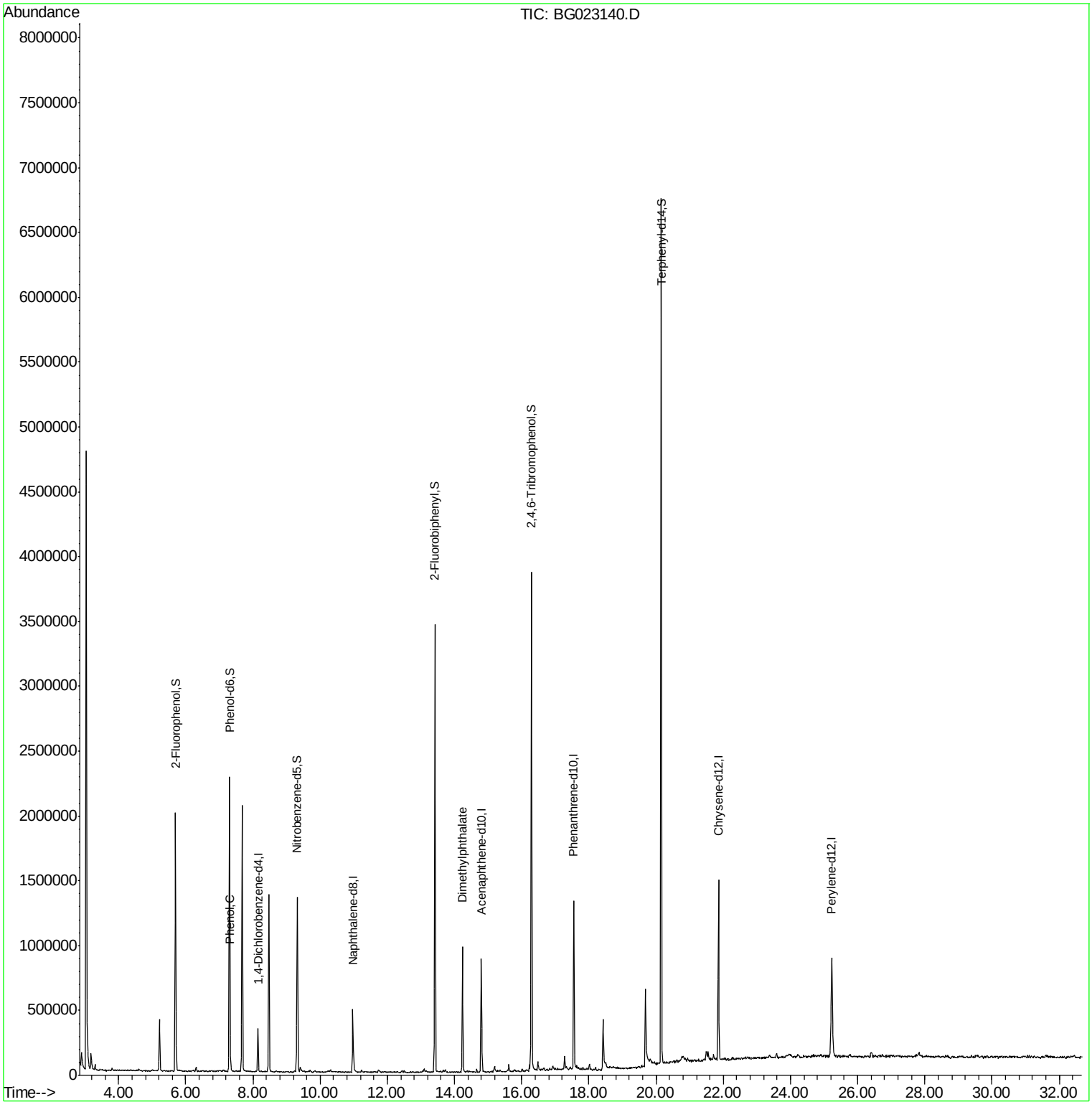
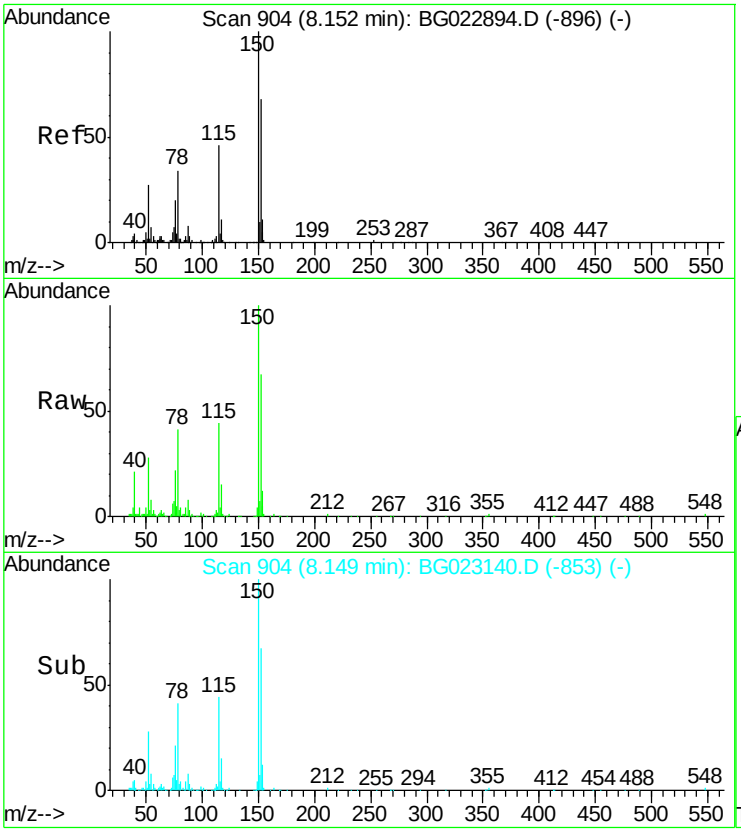
Instrument :
BNA_G
ClientSampleId :
LSS-SB-SB02(11-13ft)

Quant Time: Jul 18 14:16:58 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 18:30:58 2016
Response via : Initial Calibration



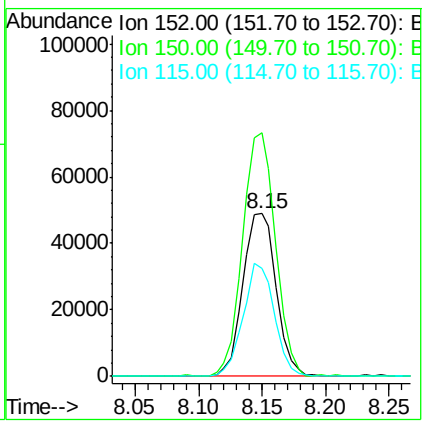


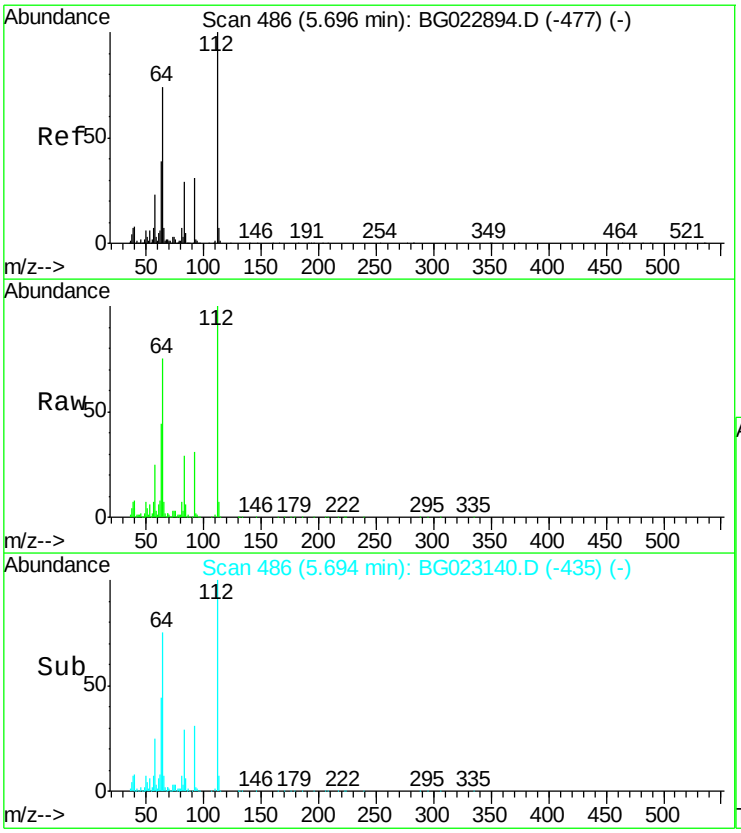
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG023140.D
Acq: 16 Jul 2016 10:18

Instrument :
BNA_G
ClientSampleId :
LSS-SB-SB02(11-13ft)

Tgt Ion:152 Resp: 89518

Ion	Ratio	Lower	Upper
152	100		
150	149.5	144.7	217.1
115	66.2	64.0	96.0

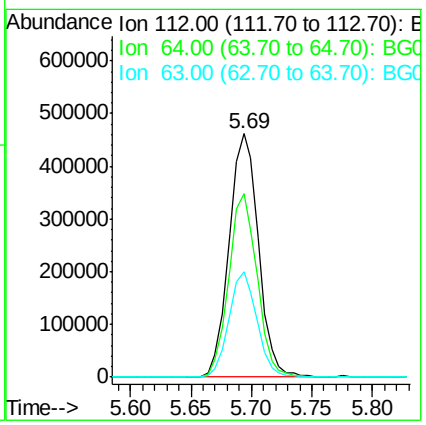


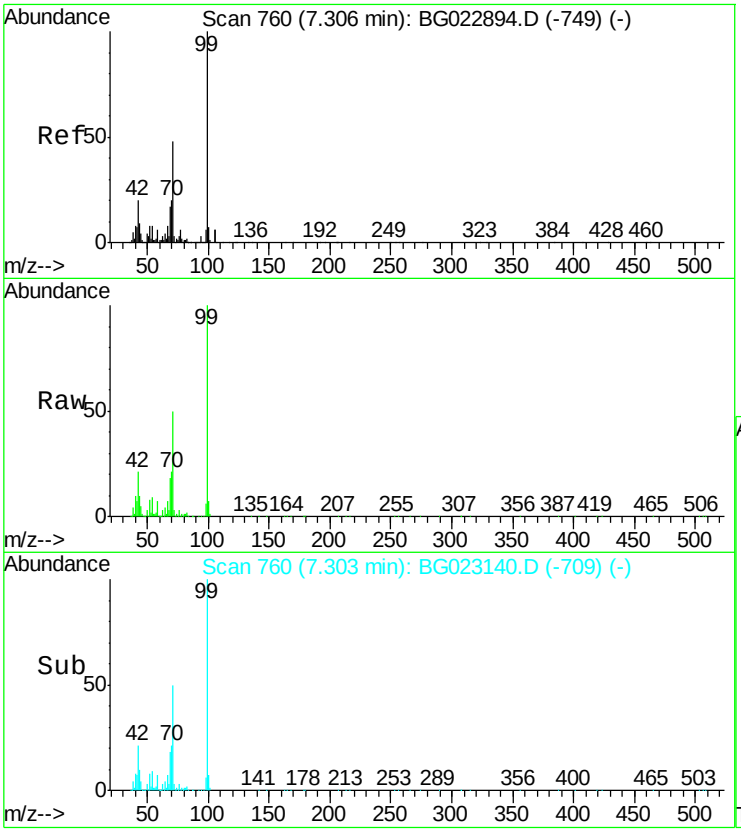


#5
2-Fluorophenol
Concen: 142.84 ng
RT: 5.69 min Scan# 486
Delta R.T. -0.00 min
Lab File: BG023140.D
Acq: 16 Jul 2016 10:18

Tgt Ion:112 Resp: 781799

Ion	Ratio	Lower	Upper
112	100		
64	75.1	59.0	88.4
63	43.5	37.8	56.8



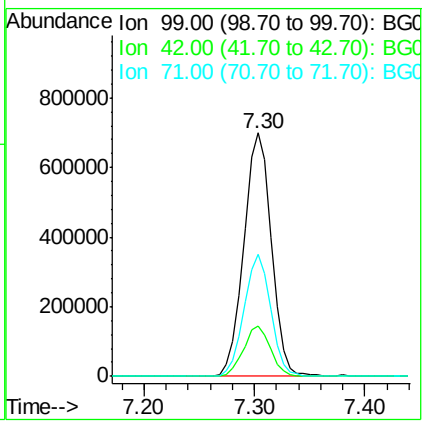


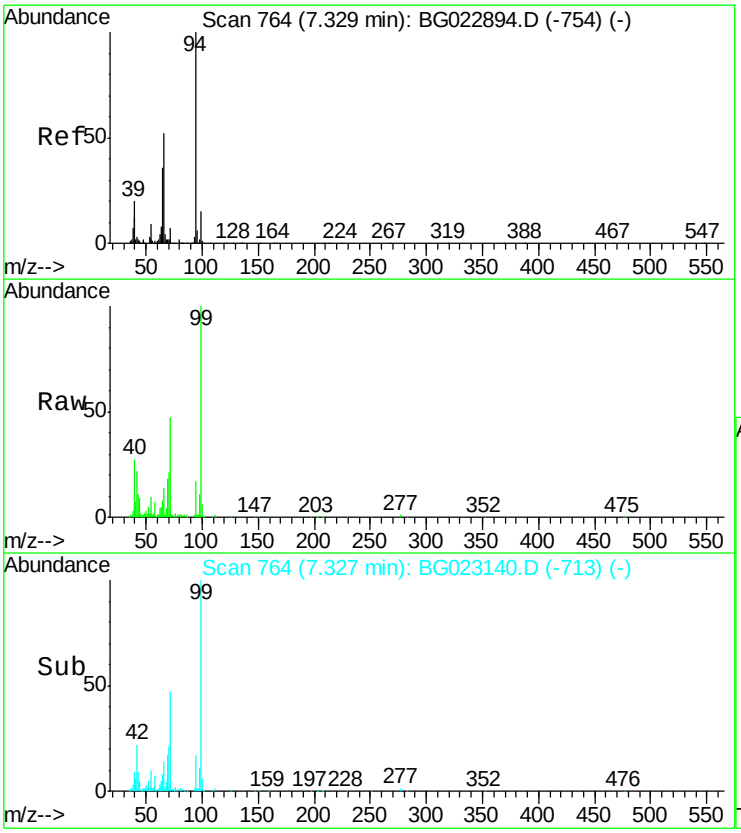
#7
Phenol-d6
Concen: 143.17 ng
RT: 7.30 min Scan# 760
Delta R.T. -0.00 min
Lab File: BG023140.D
Acq: 16 Jul 2016 10:18

Instrument :
BNA_G
ClientSampleId :
LSS-SB-SB02(11-13ft)

Tgt Ion: 99 Resp: 1227337

Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.8	26.6
71	50.2	41.5	62.3

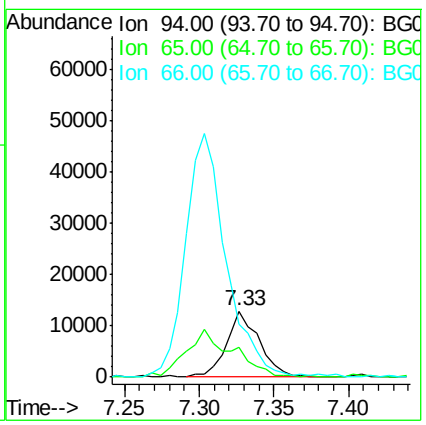


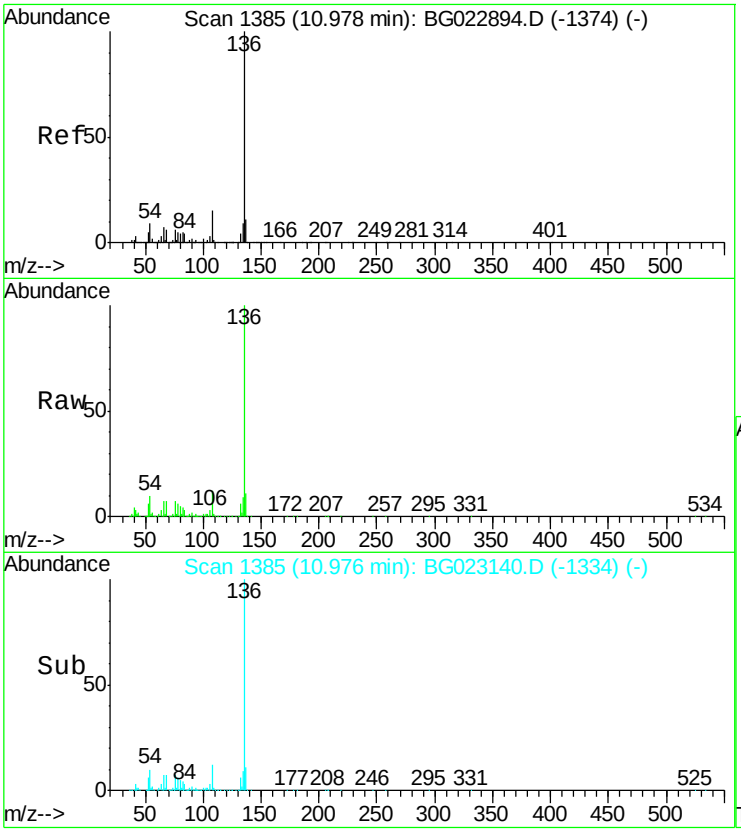


#10
Phenol
Concen: 2.27 ng
RT: 7.33 min Scan# 764
Delta R.T. -0.00 min
Lab File: BG023140.D
Acq: 16 Jul 2016 10:18

Tgt Ion: 94 Resp: 20016

Ion	Ratio	Lower	Upper
94	100		
65	44.2	18.1	58.1
66	79.6	42.1	82.1



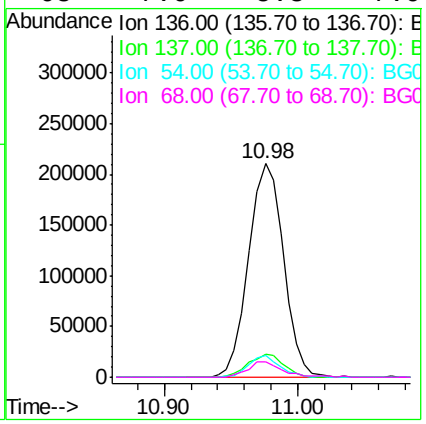


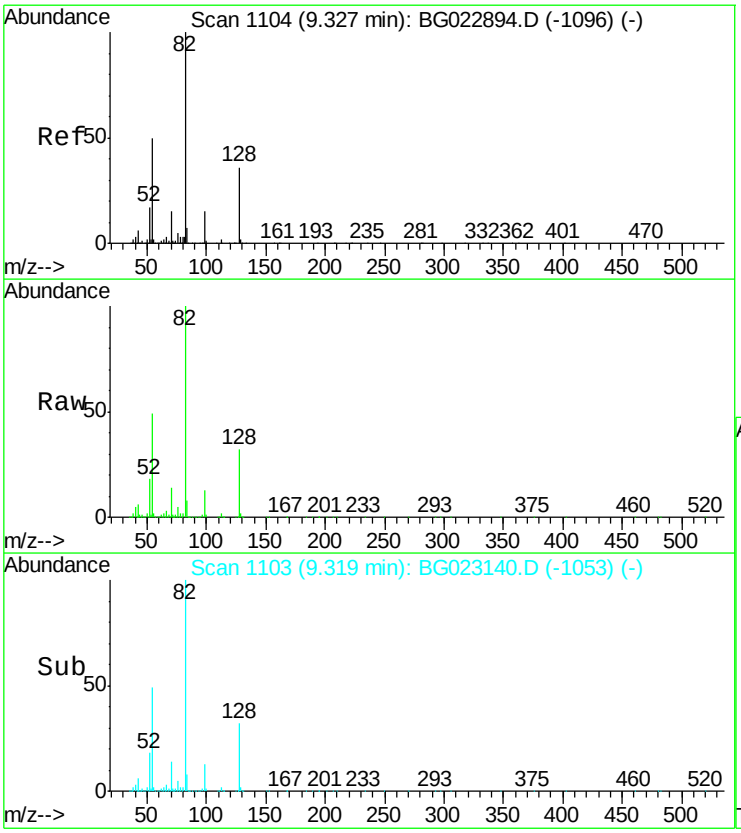
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG023140.D
Acq: 16 Jul 2016 10:18

Instrument :
BNA_G
ClientSampleId :
LSS-SB-SB02(11-13ft)

Tgt Ion:136 Resp: 381332

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	10.3	7.3	10.9
68	7.0	5.3	7.9

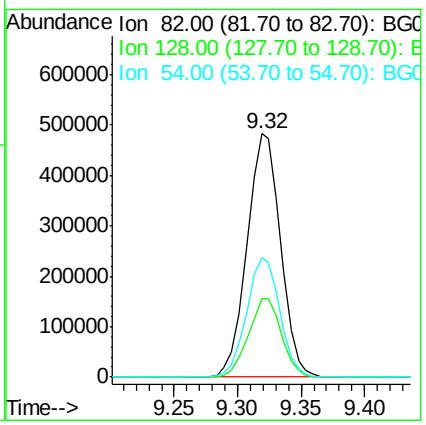


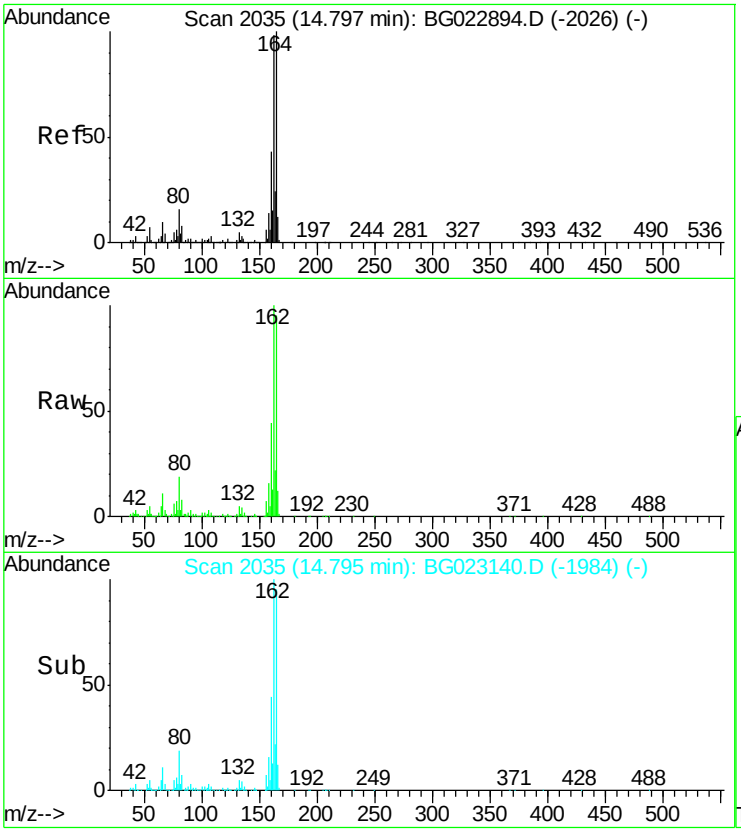


#23
Nitrobenzene-d5
Concen: 99.49 ng
RT: 9.32 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BG023140.D
Acq: 16 Jul 2016 10:18

Tgt Ion: 82 Resp: 886057

Ion	Ratio	Lower	Upper
82	100		
128	32.0	24.4	36.6
54	49.0	41.4	62.0



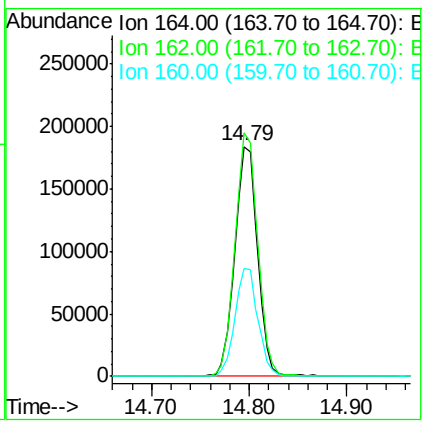


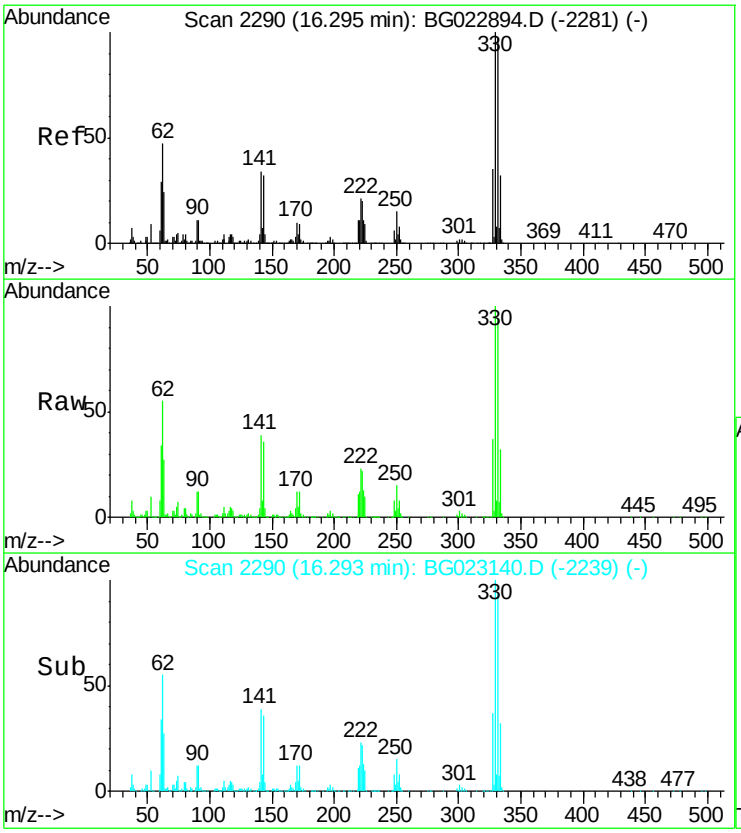
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG023140.D
Acq: 16 Jul 2016 10:18

Instrument :
BNA_G
ClientSampleId :
LSS-SB-SB02(11-13ft)

Tgt Ion:164 Resp: 297421

Ion	Ratio	Lower	Upper
164	100		
162	105.8	87.7	131.5
160	46.8	37.2	55.8

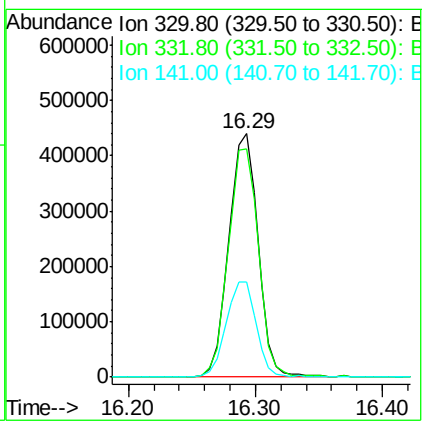


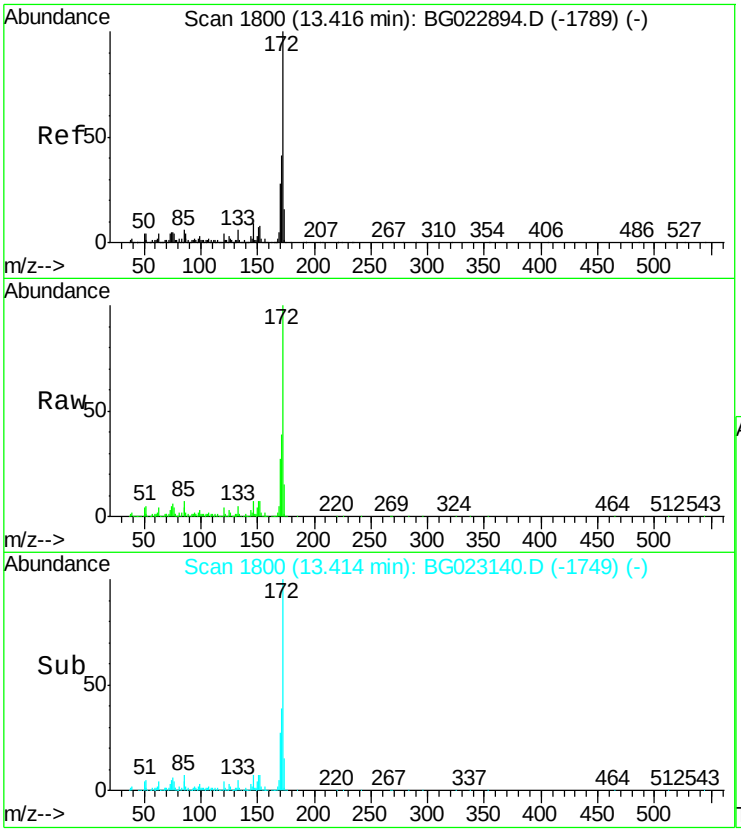


#41
2,4,6-Tribromophenol
Concen: 131.25 ng
RT: 16.29 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BG023140.D
Acq: 16 Jul 2016 10:18

Tgt Ion:330 Resp: 701585

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	40.1	31.7	47.5



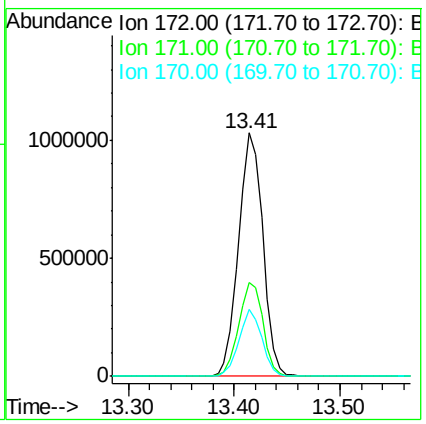


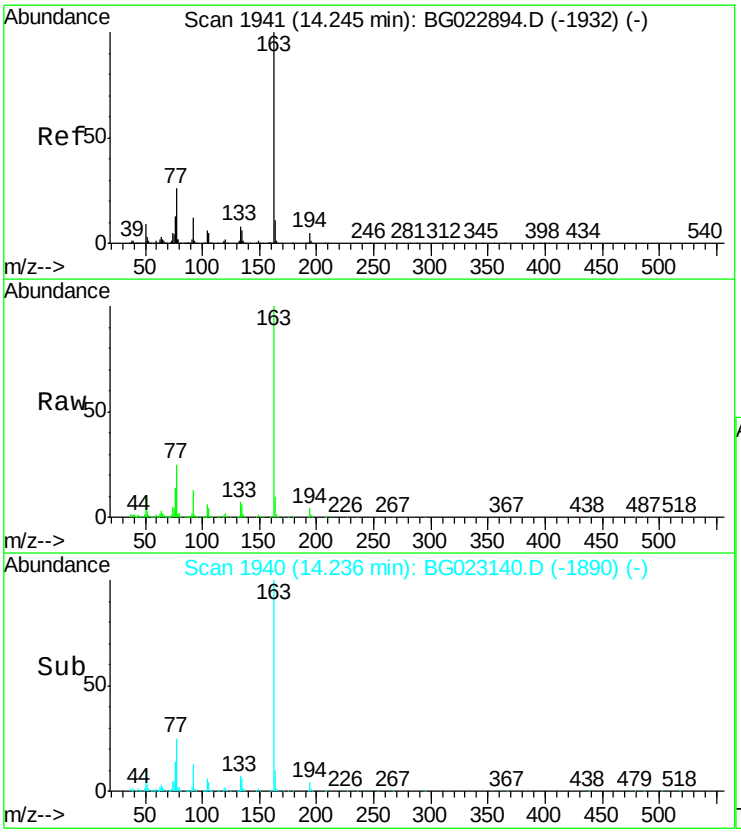
#44
2-Fluorobiphenyl
Concen: 86.99 ng
RT: 13.41 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG023140.D
Acq: 16 Jul 2016 10:18

Instrument :
BNA_G
ClientSampleId :
LSS-SB-SB02(11-13ft)

Tgt Ion:172 Resp: 1642578

Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.6	47.4
170	27.4	21.3	31.9

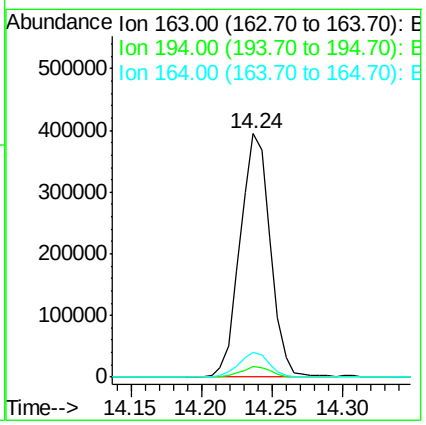


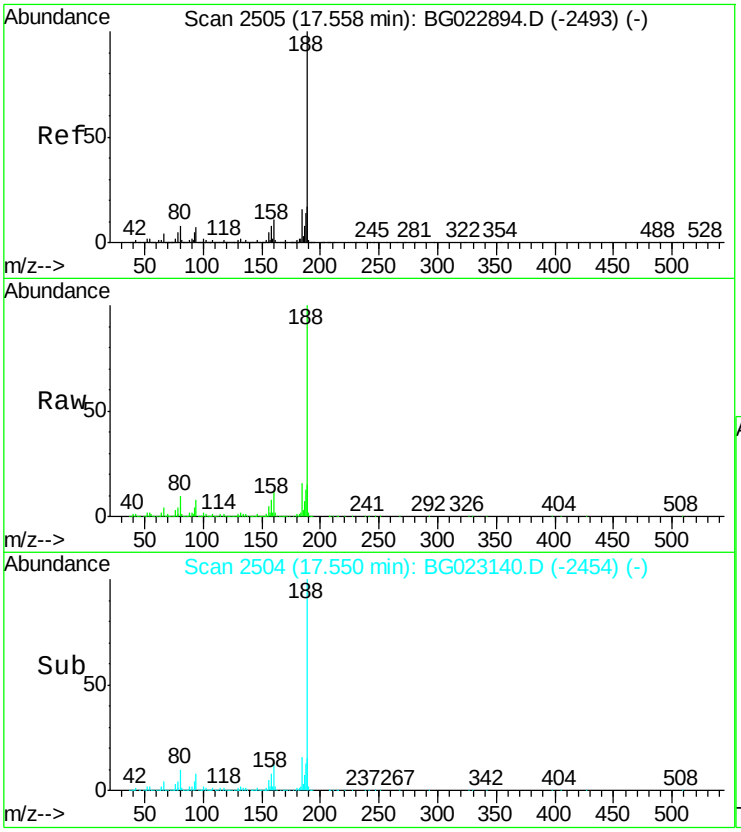


#49
Dimethylphthalate
Concen: 24.32 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG023140.D
Acq: 16 Jul 2016 10:18

Tgt Ion:163 Resp: 590813

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.6	5.4
164	10.1	8.1	12.1



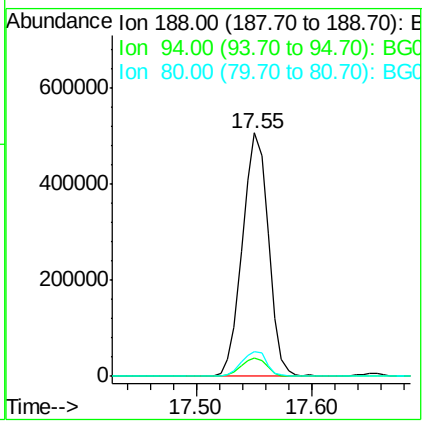


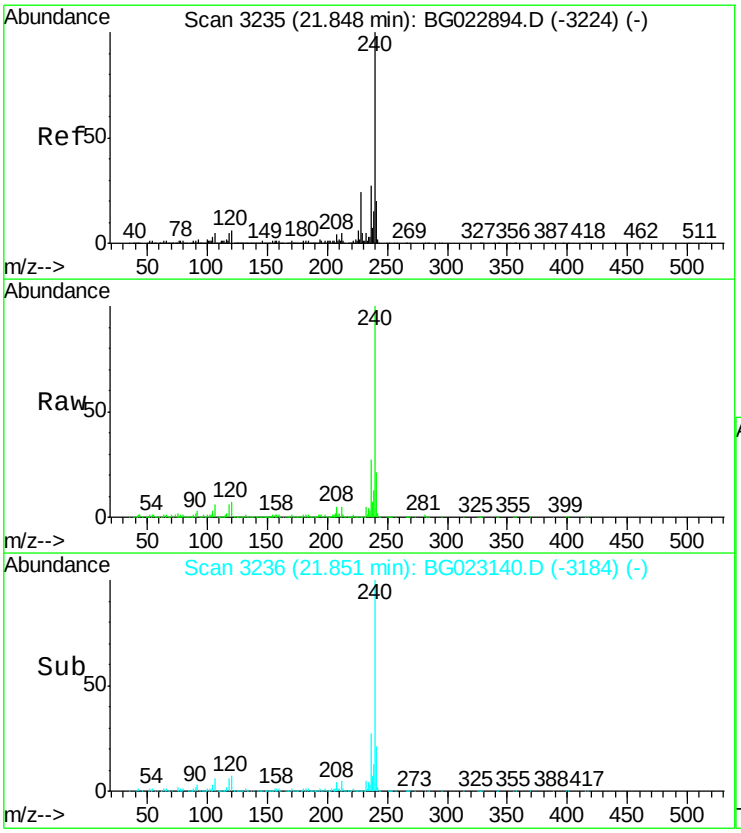
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG023140.D
Acq: 16 Jul 2016 10:18

Instrument :
BNA_G
ClientSampleId :
LSS-SB-SB02(11-13ft)

Tgt Ion:188 Resp: 793972

Ion	Ratio	Lower	Upper
188	100		
94	7.8	5.2	7.8
80	9.9	7.2	10.8

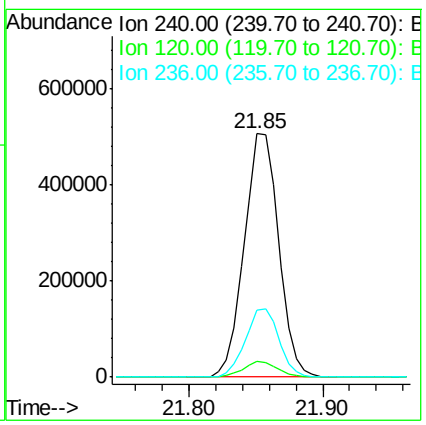


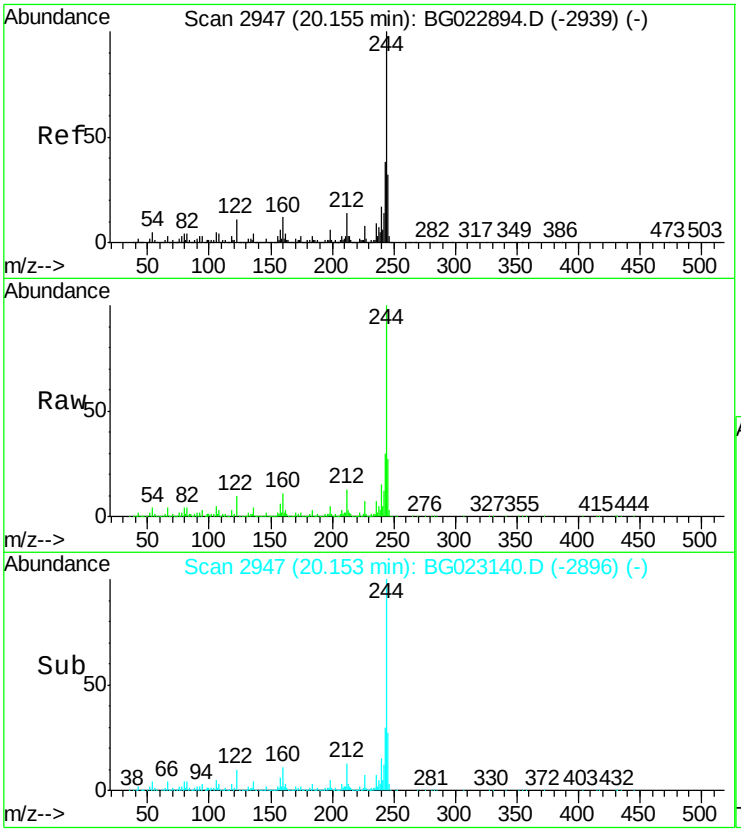


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.00 min
Lab File: BG023140.D
Acq: 16 Jul 2016 10:18

Tgt Ion:240 Resp: 894700

Ion	Ratio	Lower	Upper
240	100		
120	6.7	4.1	6.1#
236	27.3	21.1	31.7



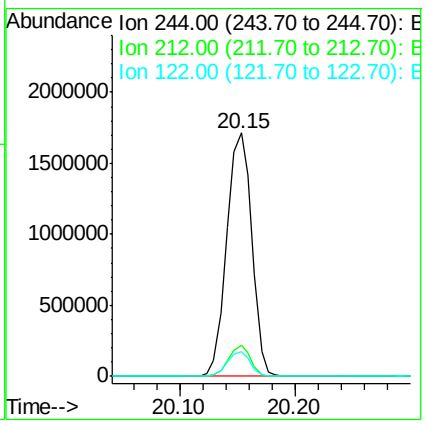


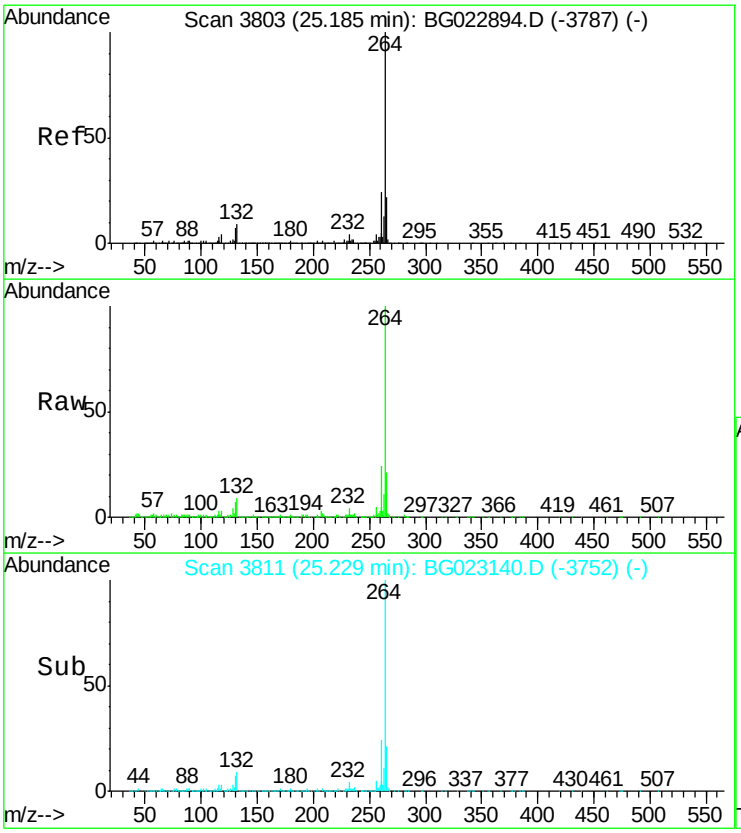
#78
Terphenyl-d14
Concen: 95.16 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG023140.D
Acq: 16 Jul 2016 10:18

Instrument :
BNA_G
ClientSampleId :
LSS-SB-SB02(11-13ft)

Tgt Ion:244 Resp: 2565153

Ion	Ratio	Lower	Upper
244	100		
212	13.0	10.8	16.2
122	10.0	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.23 min Scan# 3811
Delta R.T. 0.04 min
Lab File: BG023140.D
Acq: 16 Jul 2016 10:18

Tgt Ion:264 Resp: 895214

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	21.3	18.9	28.3