Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
Data File : BG023013.D
Acq On : 11 Jul 2016 23:18
Operator : UM/SJ
Sample : H3967-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0005

Quant Time: Jul 12 04:35:09 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	98627	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	480763	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	377779	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	856075	20.00	ng	0.00
75) Chrysene-d12	21.86	240	945933	20.00	ng	0.01
86) Perylene-d12	25.24	264	977911	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	317546	52.66	ng	0.00
7) Phenol-d6	7.30	99	339638	35.96	ng	0.00
23) Nitrobenzene-d5	9.33	82	922894	82.20	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	697006	102.66	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1978764	82.50	ng	0.00
78) Terphenyl-d14	20.16	244	2754080	97.77	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.04	128	1389657	56.78	ng	100
37) 2-Methylnaphthalene	12.63	142	446280	23.07	ng	95

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

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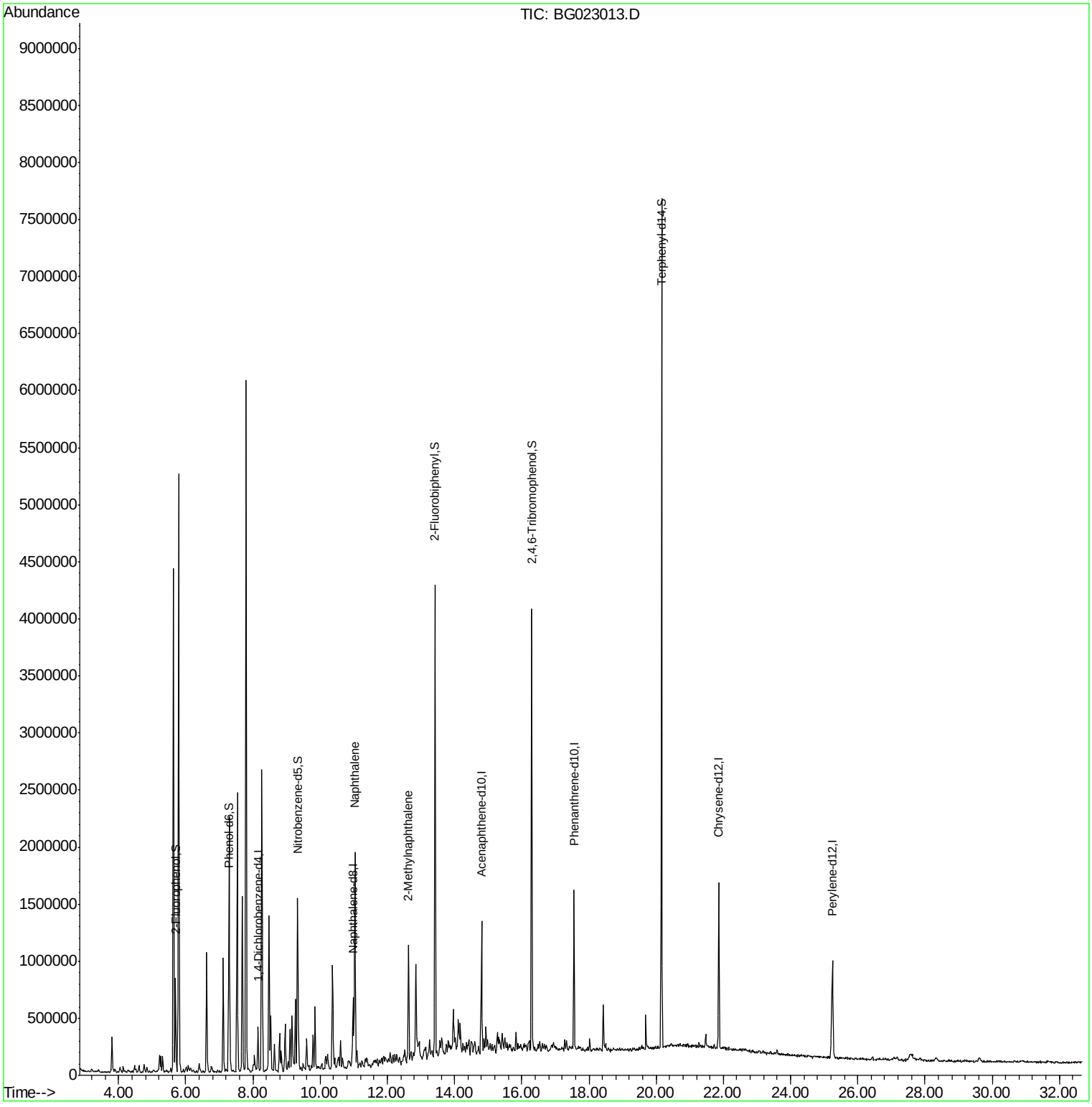
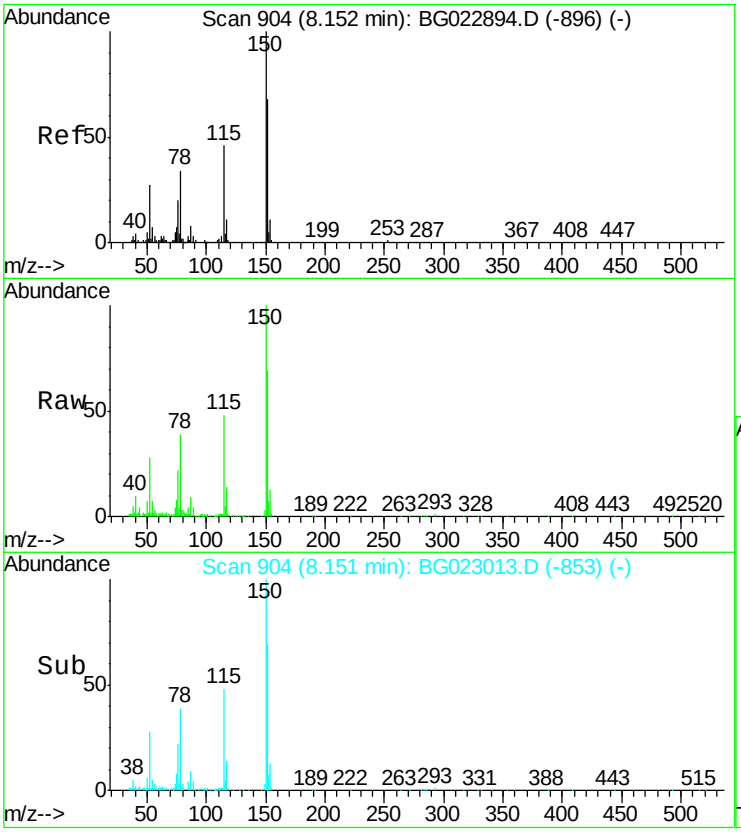


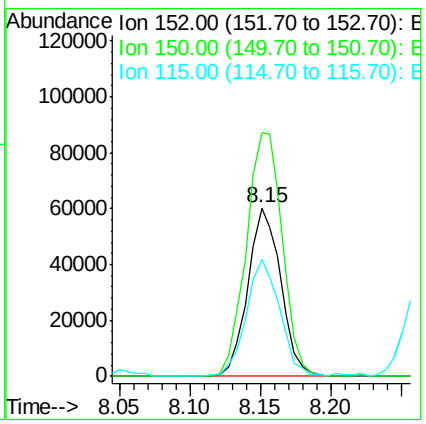


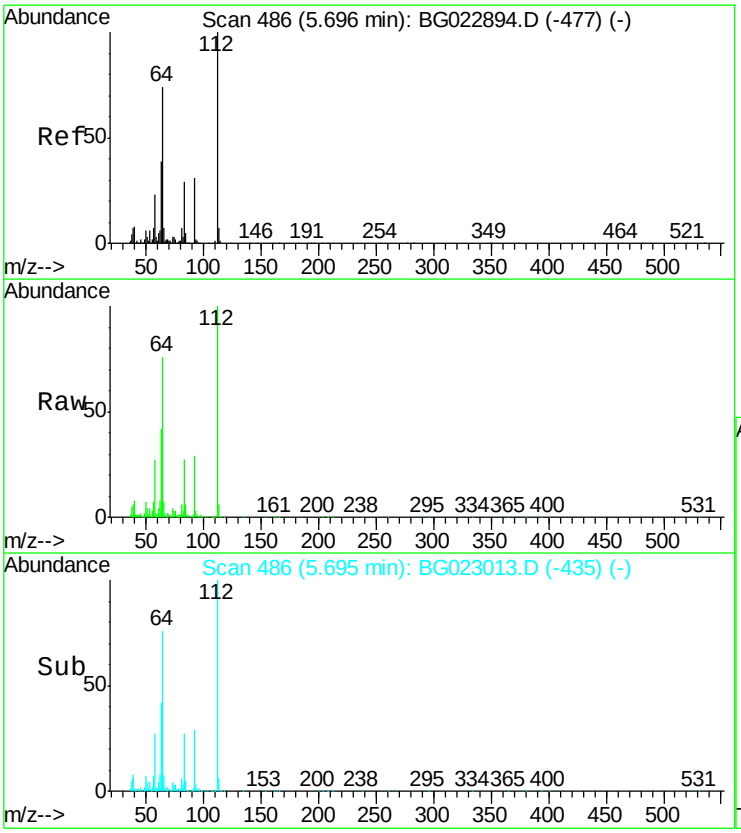
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG023013.D
Acq: 11 Jul 2016 23:18

Instrument :
BNA_G
ClientSampleId :
S22-0005

Tgt Ion:152 Resp: 98627

Ion	Ratio	Lower	Upper
152	100		
150	144.6	144.7	217.1#
115	69.3	64.0	96.0

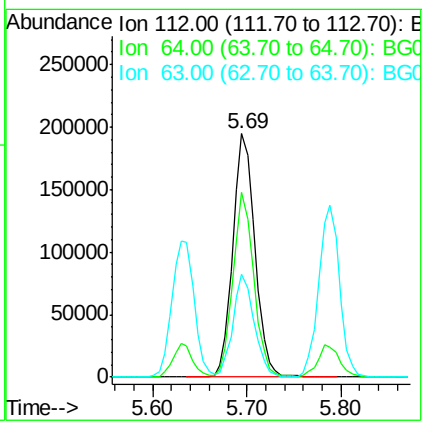


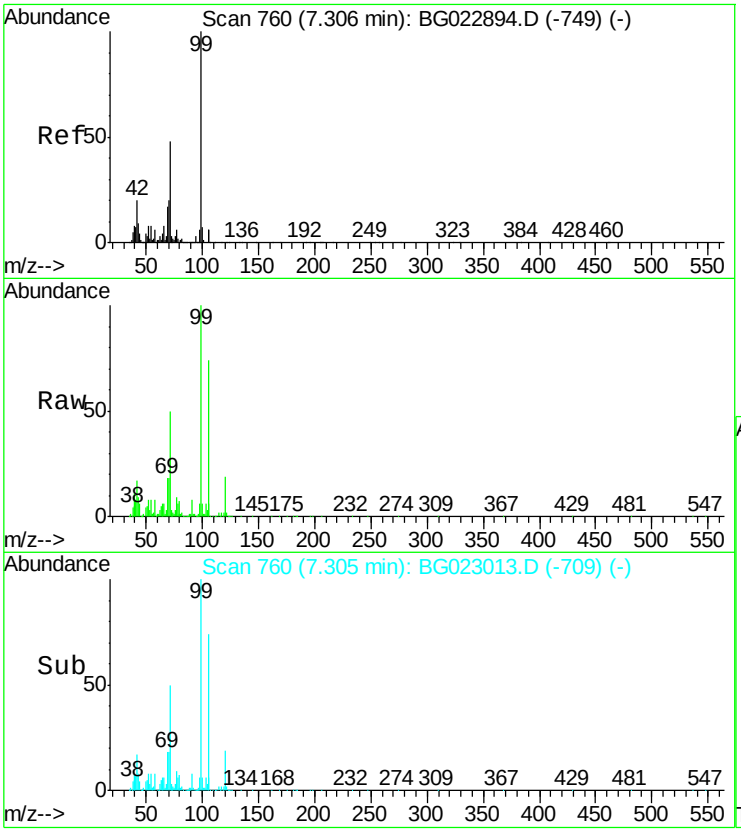


#5
2-Fluorophenol
Concen: 52.66 ng
RT: 5.69 min Scan# 486
Delta R.T. -0.00 min
Lab File: BG023013.D
Acq: 11 Jul 2016 23:18

Tgt Ion:112 Resp: 317546

Ion	Ratio	Lower	Upper
112	100		
64	76.1	59.0	88.4
63	42.4	37.8	56.8



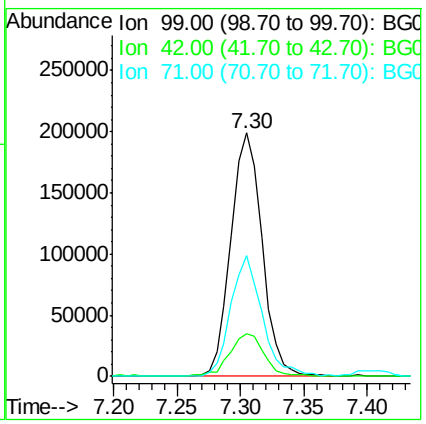


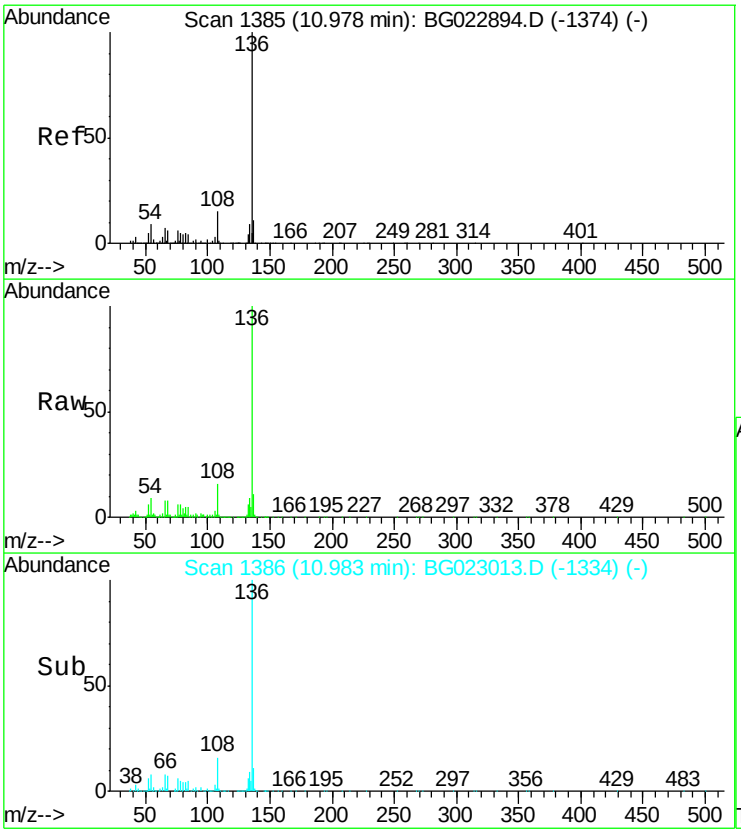
#7
Phenol-d6
Concen: 35.96 ng
RT: 7.30 min Scan# 760
Delta R.T. -0.00 min
Lab File: BG023013.D
Acq: 11 Jul 2016 23:18

Instrument :
BNA_G
ClientSampleId :
S22-0005

Tgt Ion: 99 Resp: 339638

Ion	Ratio	Lower	Upper
99	100		
42	17.3	17.8	26.6#
71	49.7	41.5	62.3

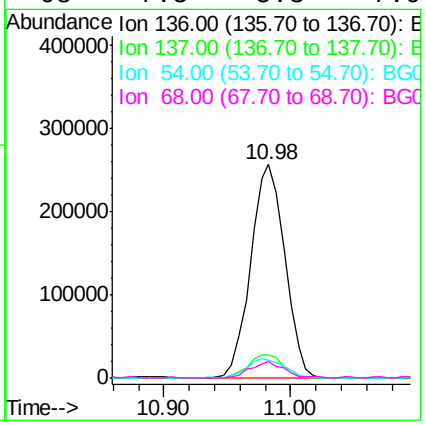


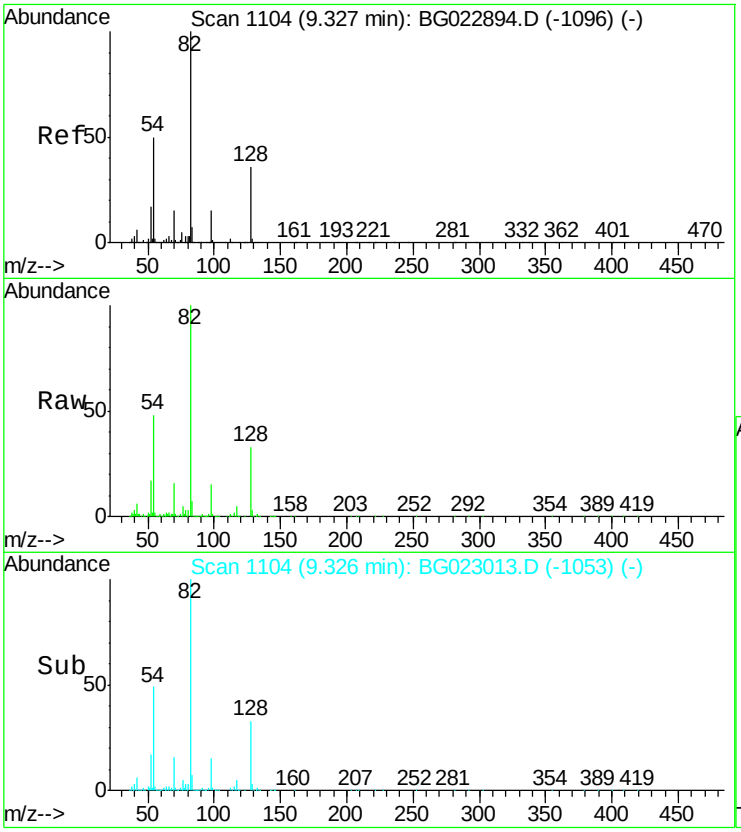


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG023013.D
Acq: 11 Jul 2016 23:18

Tgt Ion:136 Resp: 480763

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	8.5	7.3	10.9
68	7.5	5.3	7.9



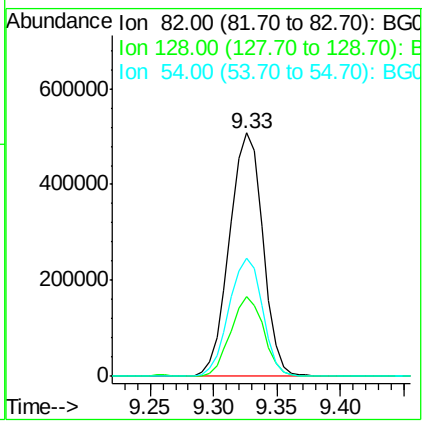


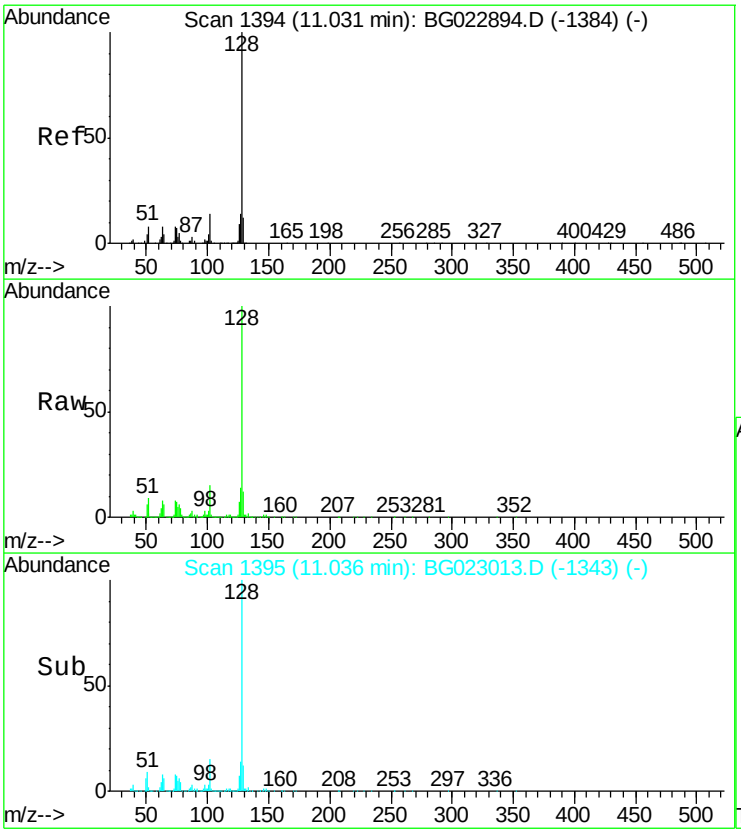
#23
Nitrobenzene-d5
Concen: 82.20 ng
RT: 9.33 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG023013.D
Acq: 11 Jul 2016 23:18

Instrument :
BNA_G
ClientSampleId :
S22-0005

Tgt Ion: 82 Resp: 922894

Ion	Ratio	Lower	Upper
82	100		
128	32.9	24.4	36.6
54	48.5	41.4	62.0

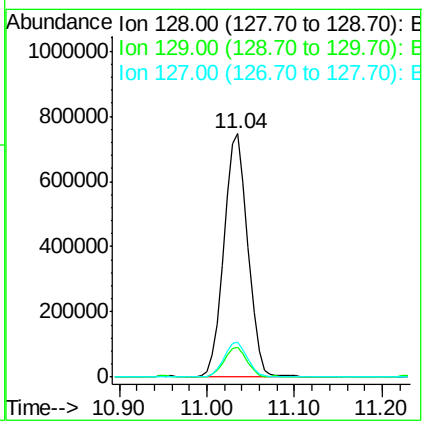


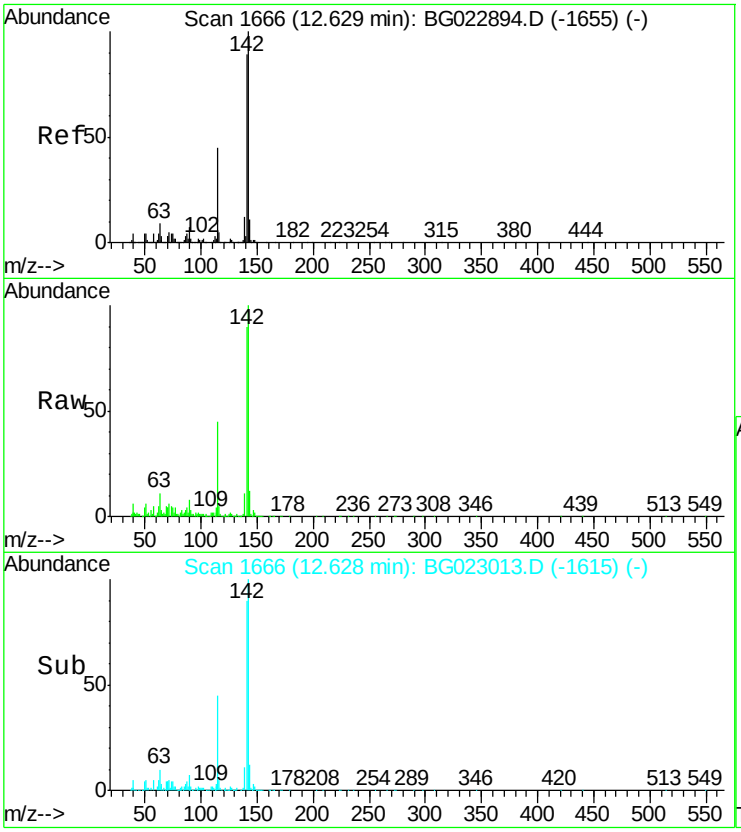


#31
Naphthalene
Concen: 56.78 ng
RT: 11.04 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BG023013.D
Acq: 11 Jul 2016 23:18

Tgt Ion:128 Resp: 1389657

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.4	14.0
127	14.1	11.3	16.9



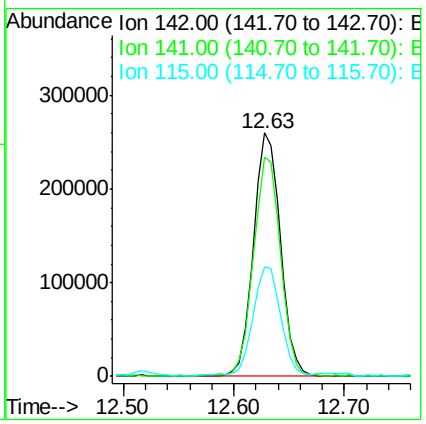


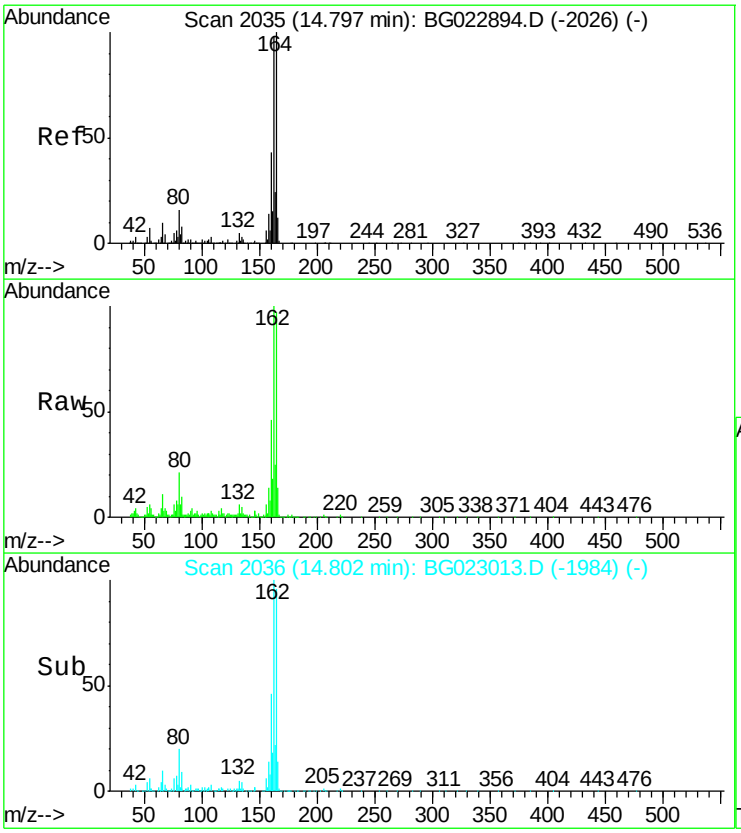
#37
2-Methylnaphthalene
Concen: 23.07 ng
RT: 12.63 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BG023013.D
Acq: 11 Jul 2016 23:18

Instrument :
BNA_G
ClientSampleId :
S22-0005

Tgt Ion:142 Resp: 446280

Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.2	105.2
115	44.9	41.7	62.5

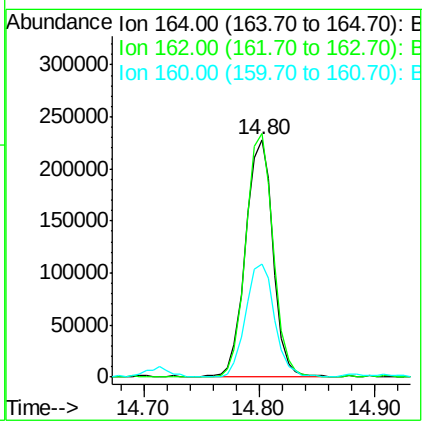


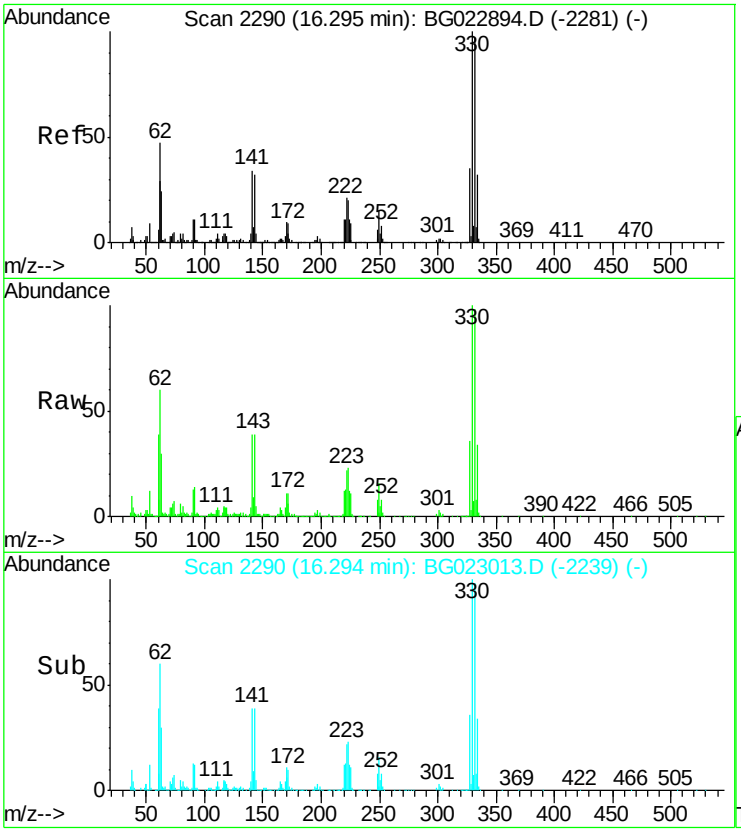


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG023013.D
Acq: 11 Jul 2016 23:18

Tgt Ion:164 Resp: 377779

Ion	Ratio	Lower	Upper
164	100		
162	102.6	87.7	131.5
160	47.5	37.2	55.8



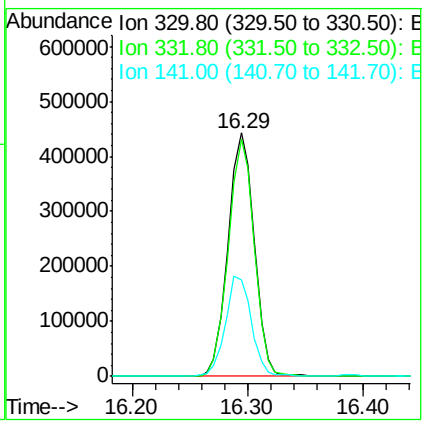


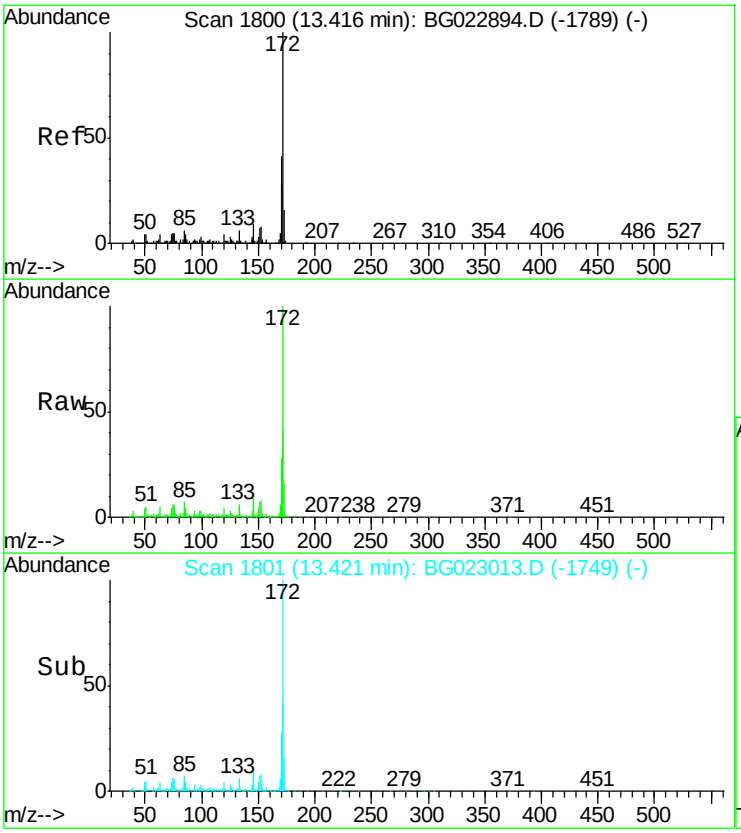
#41
2,4,6-Tribromophenol
Concen: 102.66 ng
RT: 16.29 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BG023013.D
Acq: 11 Jul 2016 23:18

Instrument :
BNA_G
ClientSampleId :
S22-0005

Tgt Ion:330 Resp: 697006

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	40.2	31.7	47.5

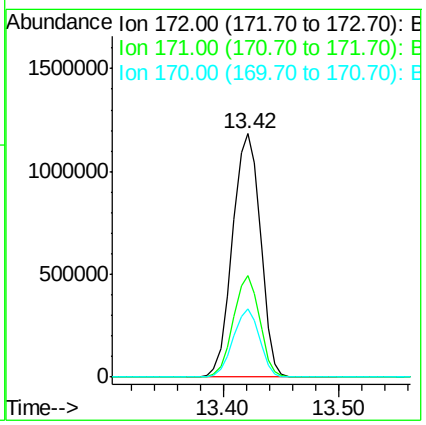


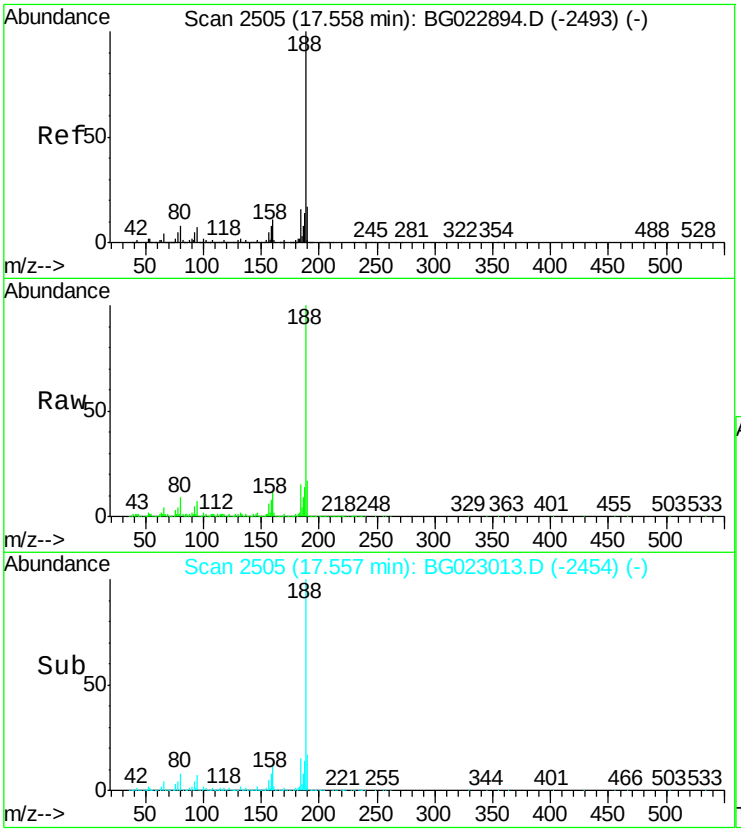


#44
2-Fluorobiphenyl
Concen: 82.50 ng
RT: 13.42 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BG023013.D
Acq: 11 Jul 2016 23:18

Tgt Ion:172 Resp: 1978764

Ion	Ratio	Lower	Upper
172	100		
171	41.7	31.6	47.4
170	27.8	21.3	31.9



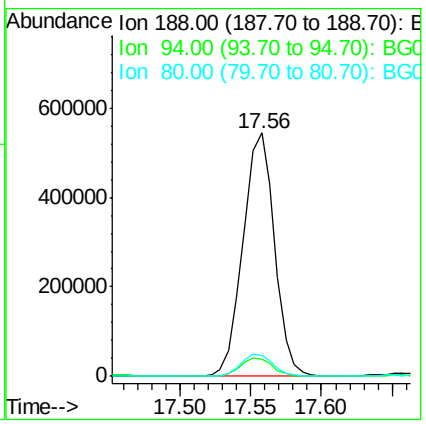


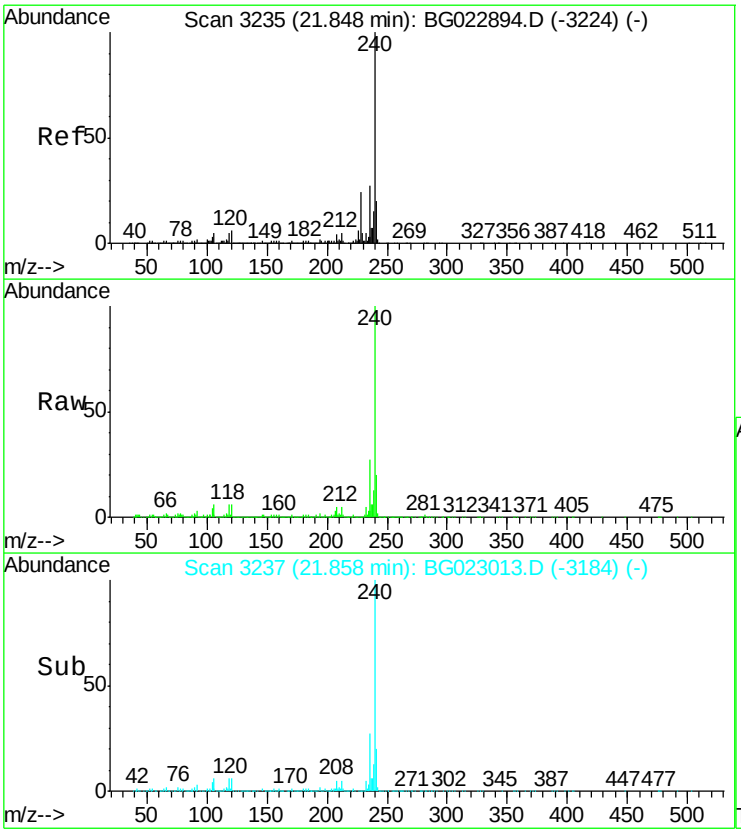
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG023013.D
Acq: 11 Jul 2016 23:18

Instrument :
BNA_G
ClientSampleId :
S22-0005

Tgt Ion:188 Resp: 856075

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.2	7.8
80	8.5	7.2	10.8

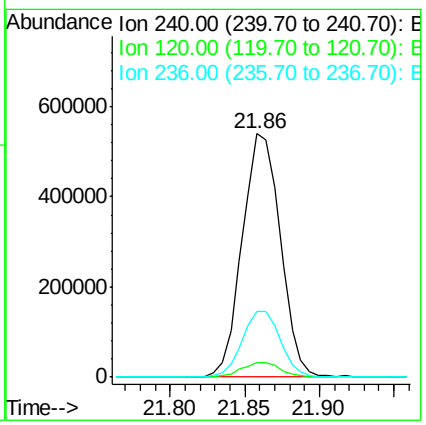


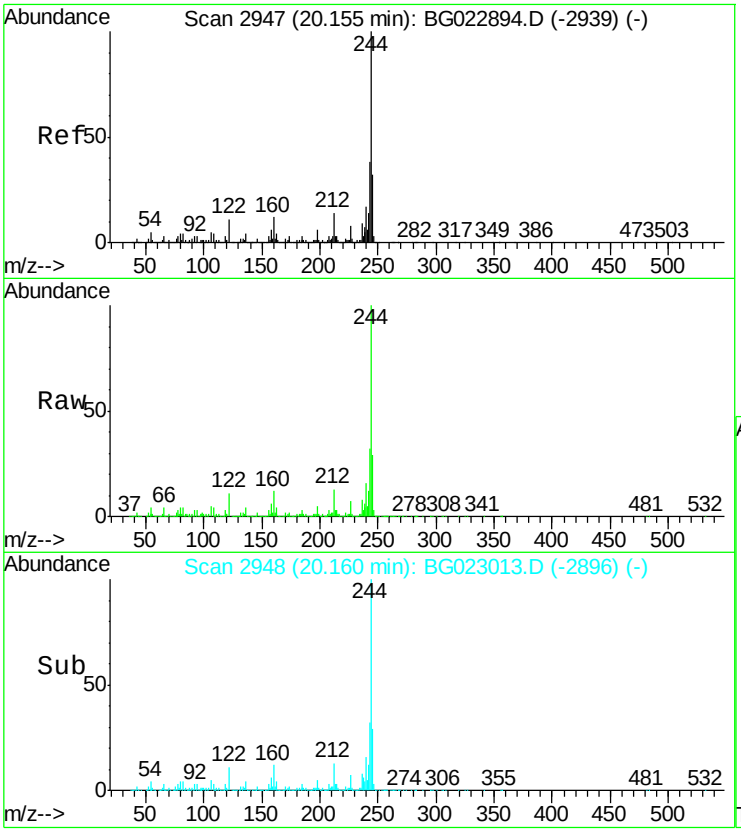


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3237
Delta R.T. 0.01 min
Lab File: BG023013.D
Acq: 11 Jul 2016 23:18

Tgt Ion:240 Resp: 945933

Ion	Ratio	Lower	Upper
240	100		
120	5.7	4.1	6.1
236	26.8	21.1	31.7



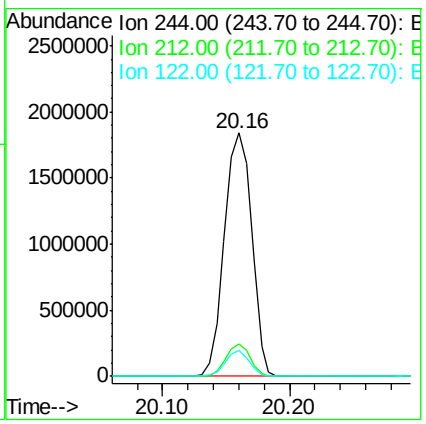


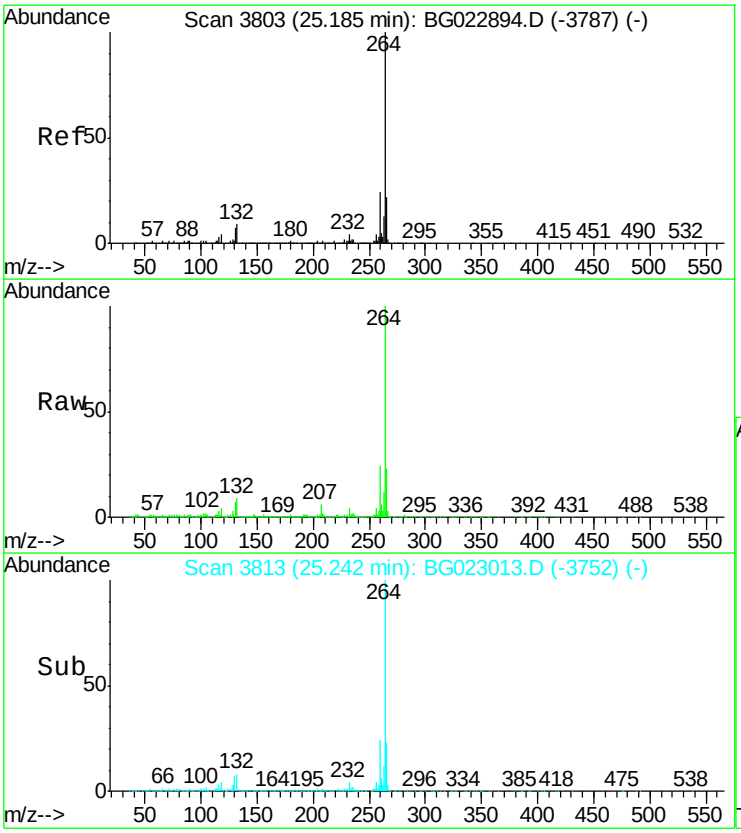
#78
Terphenyl-d14
Concen: 97.77 ng
RT: 20.16 min Scan# 2948
Delta R.T. 0.01 min
Lab File: BG023013.D
Acq: 11 Jul 2016 23:18

Instrument :
BNA_G
ClientSampleId :
S22-0005

Tgt Ion:244 Resp: 2754080

Ion	Ratio	Lower	Upper
244	100		
212	13.3	10.8	16.2
122	10.9	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.24 min Scan# 3813
Delta R.T. 0.06 min
Lab File: BG023013.D
Acq: 11 Jul 2016 23:18

Tgt Ion:264 Resp: 977911

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	23.1	18.9	28.3