Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
Data File : BG024661.D
Acq On : 4 Nov 2016 00:19
Operator : UM/SJ
Sample : H5502-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-79-9.5-10.0

Quant Time: Nov 04 01:24:55 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	90702	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	368878	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	293278	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	687825	20.00	ng	0.00
75) Chrysene-d12	21.92	240	912826	20.00	ng	-0.01
86) Perylene-d12	25.35	264	955198	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	790085	142.77	ng	0.00
7) Phenol-d6	7.41	99	1129004	148.73	ng	0.00
23) Nitrobenzene-d5	9.44	82	785024	96.89	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	606412	138.41	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1512281	85.71	ng	0.00
78) Terphenyl-d14	20.21	244	2579959	84.45	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.43	94	18571	2.37	ng	94
49) Dimethylphthalate	14.32	163	344150	16.53	ng	99

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

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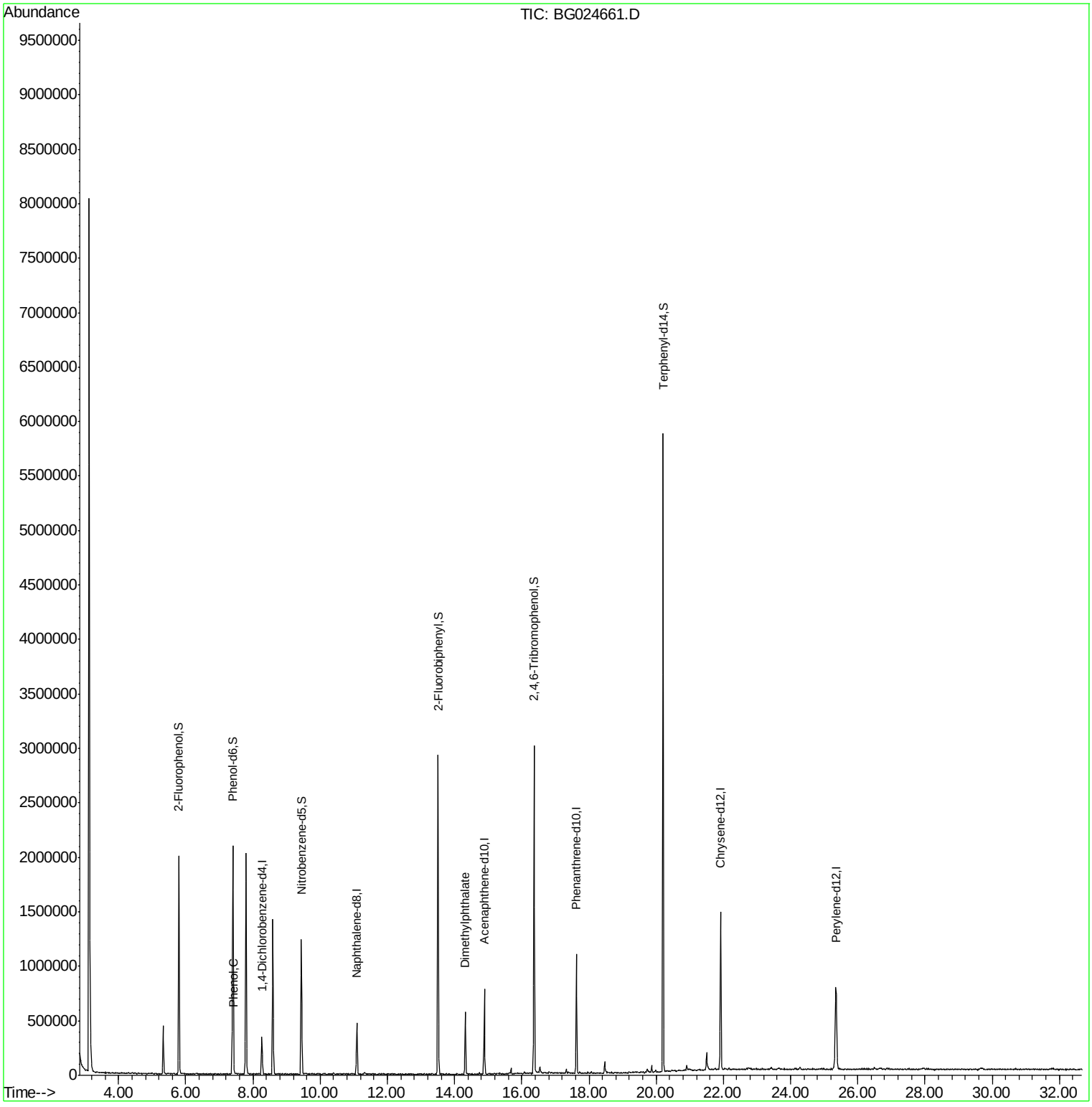
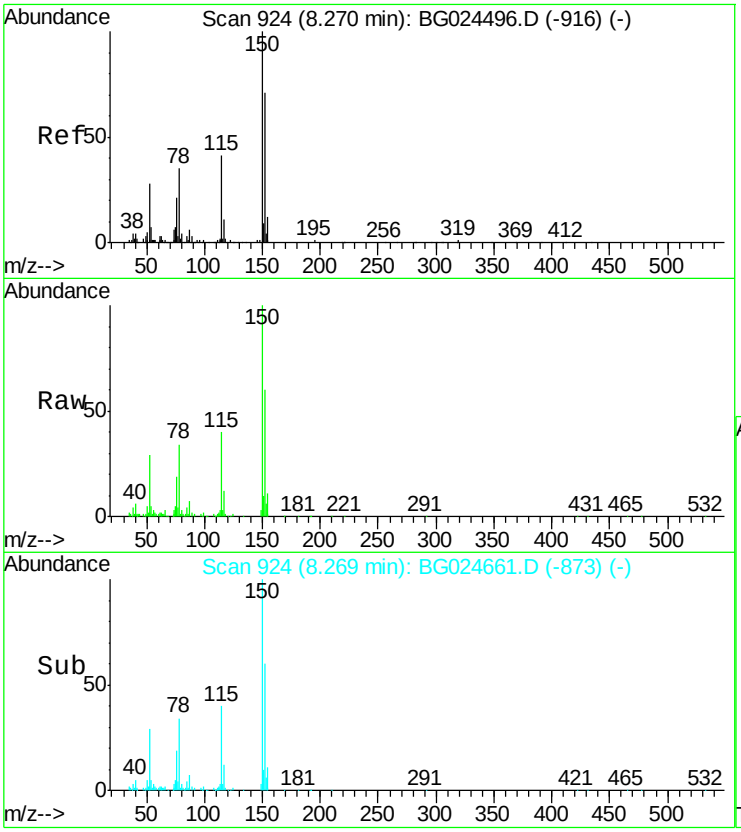


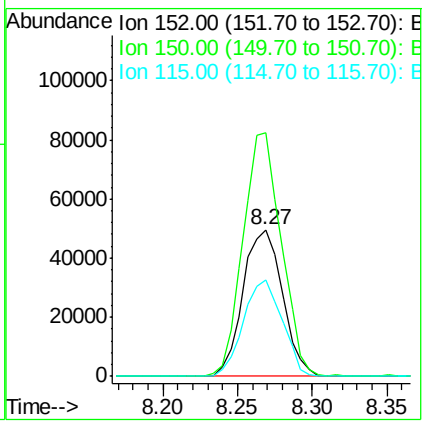


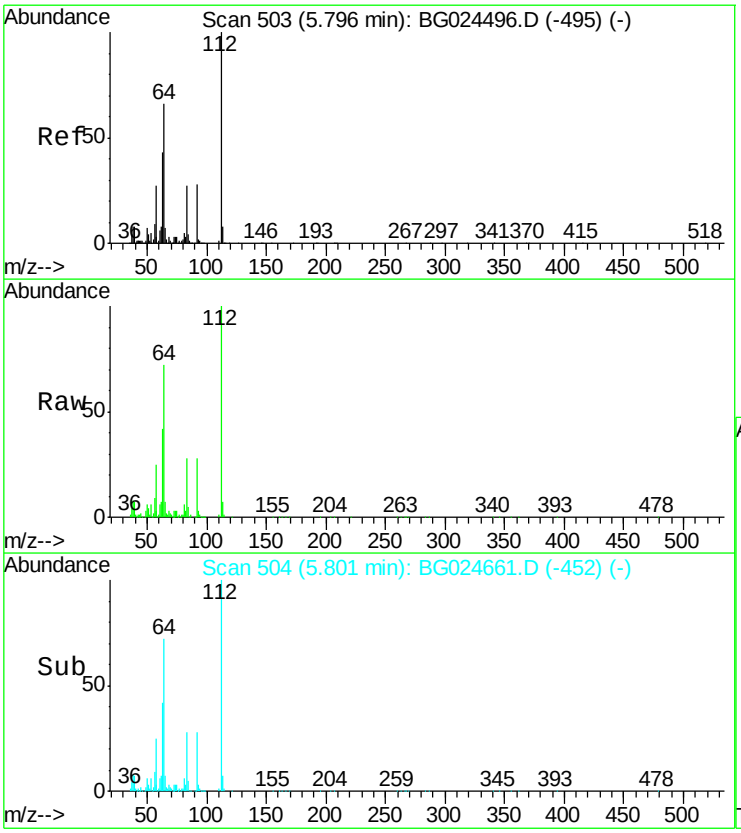
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG024661.D
Acq: 4 Nov 2016 00:19

Instrument :
BNA_G
ClientSampleId :
SB-79-9.5-10.0

Tgt Ion:152 Resp: 90702

Ion	Ratio	Lower	Upper
152	100		
150	166.0	114.0	171.0
115	66.0	48.1	72.1

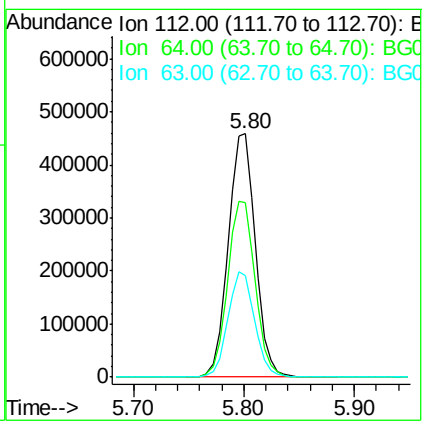


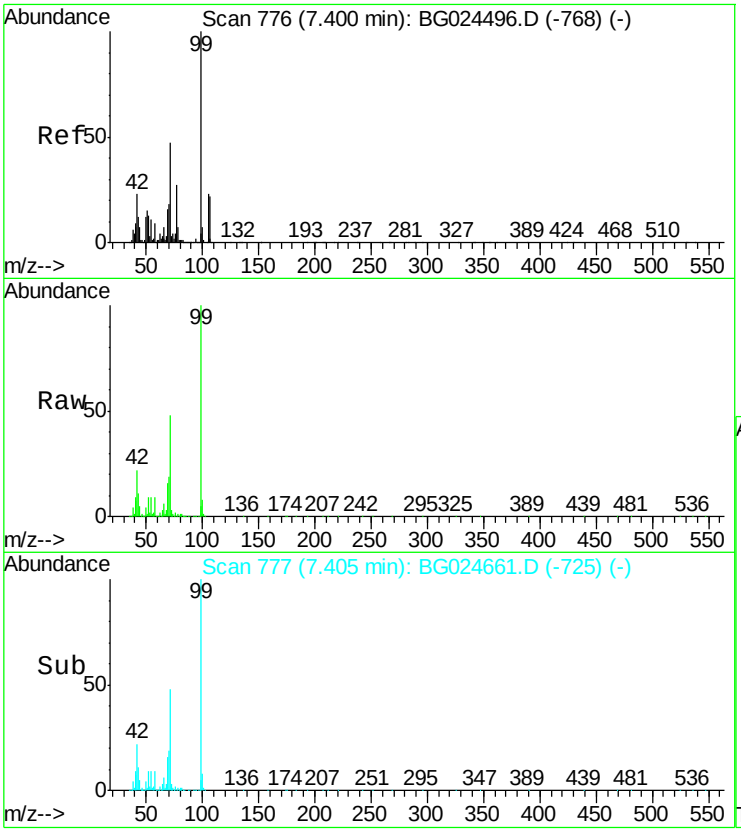


#5
2-Fluorophenol
Concen: 142.77 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.01 min
Lab File: BG024661.D
Acq: 4 Nov 2016 00:19

Tgt Ion:112 Resp: 790085

Ion	Ratio	Lower	Upper
112	100		
64	71.8	61.8	92.6
63	41.7	37.2	55.8



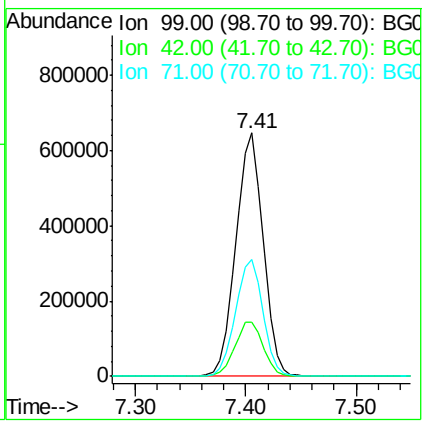


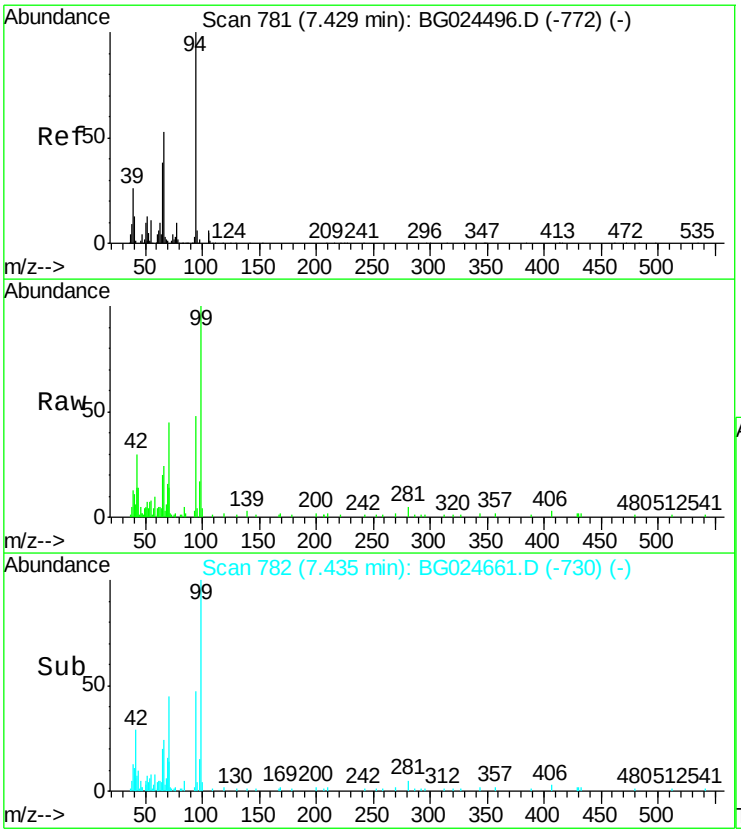
#7
Phenol-d6
Concen: 148.73 ng
RT: 7.41 min Scan# 777
Delta R.T. 0.01 min
Lab File: BG024661.D
Acq: 4 Nov 2016 00:19

Instrument :
BNA_G
ClientSampleId :
SB-79-9.5-10.0

Tgt Ion: 99 Resp: 1129004

Ion	Ratio	Lower	Upper
99	100		
42	22.3	20.5	30.7
71	47.8	37.6	56.4

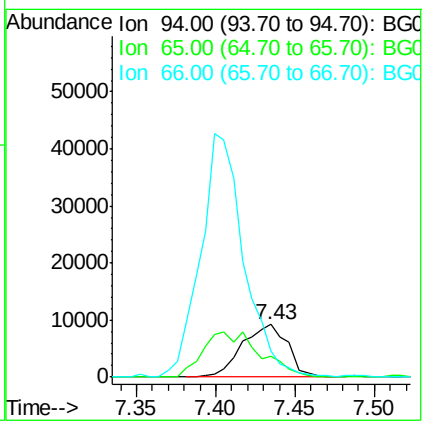


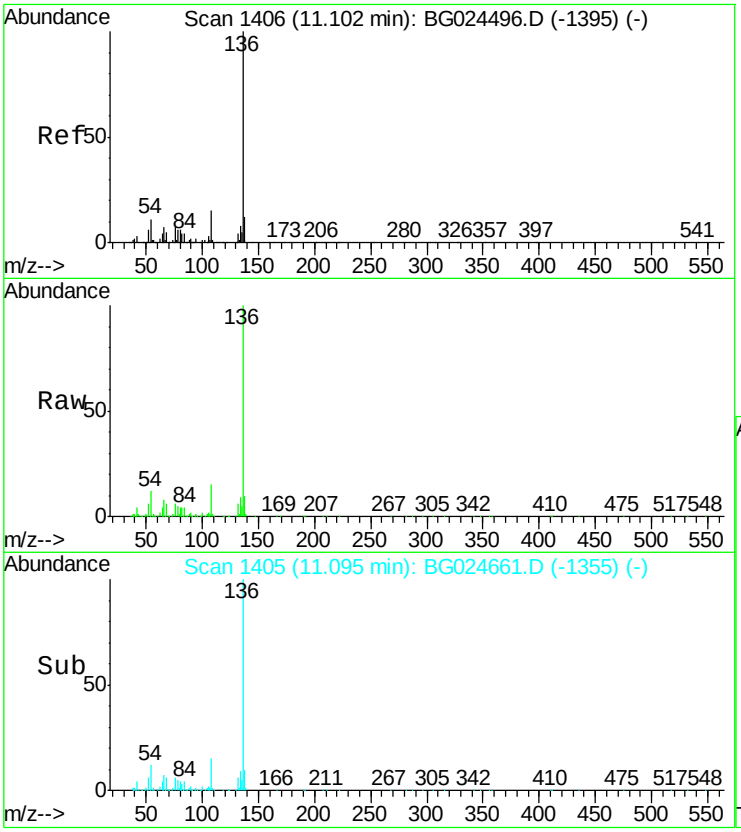


#10
Phenol
Concen: 2.37 ng
RT: 7.43 min Scan# 782
Delta R.T. 0.01 min
Lab File: BG024661.D
Acq: 4 Nov 2016 00:19

Tgt Ion: 94 Resp: 18571

Ion	Ratio	Lower	Upper
94	100		
65	40.3	20.6	60.6
66	48.7	35.5	75.5



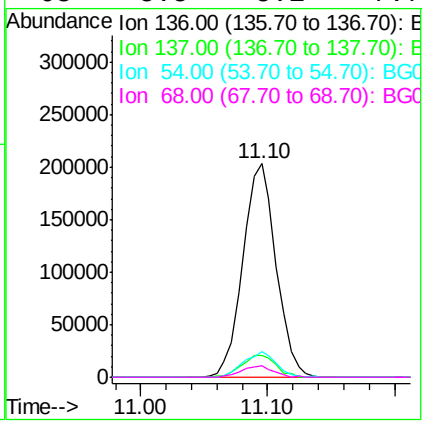


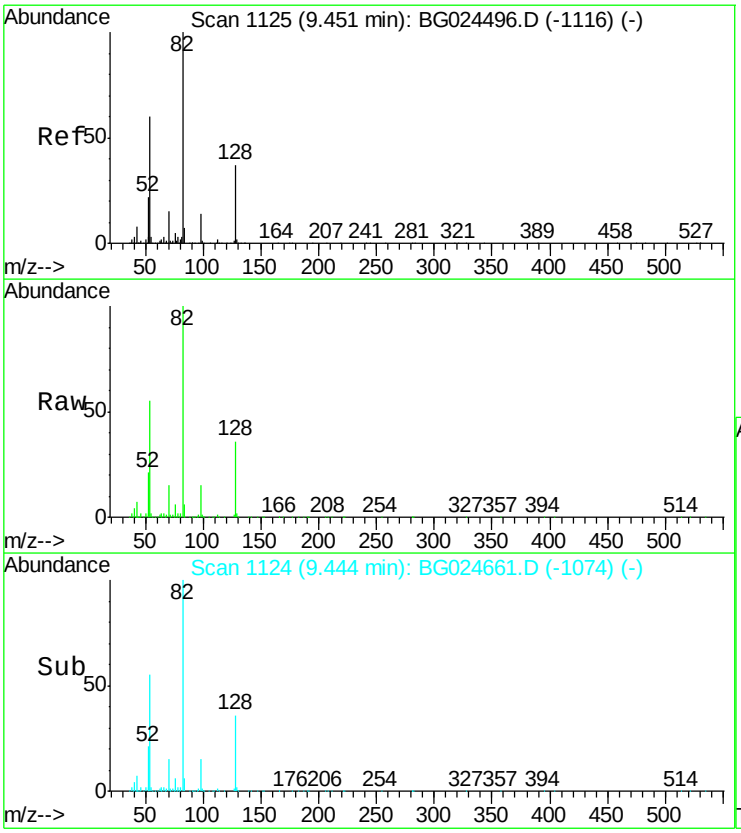
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024661.D
Acq: 4 Nov 2016 00:19

Instrument :
BNA_G
ClientSampleId :
SB-79-9.5-10.0

Tgt Ion:136 Resp: 368878

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	11.9	9.3	13.9
68	5.5	5.1	7.7

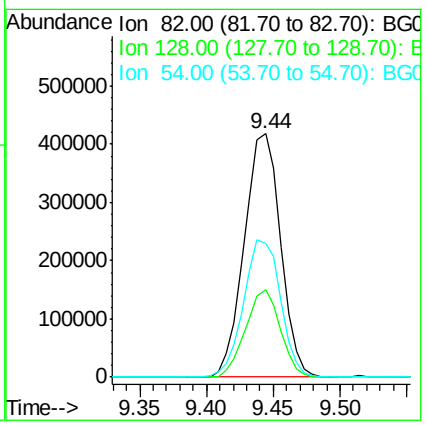


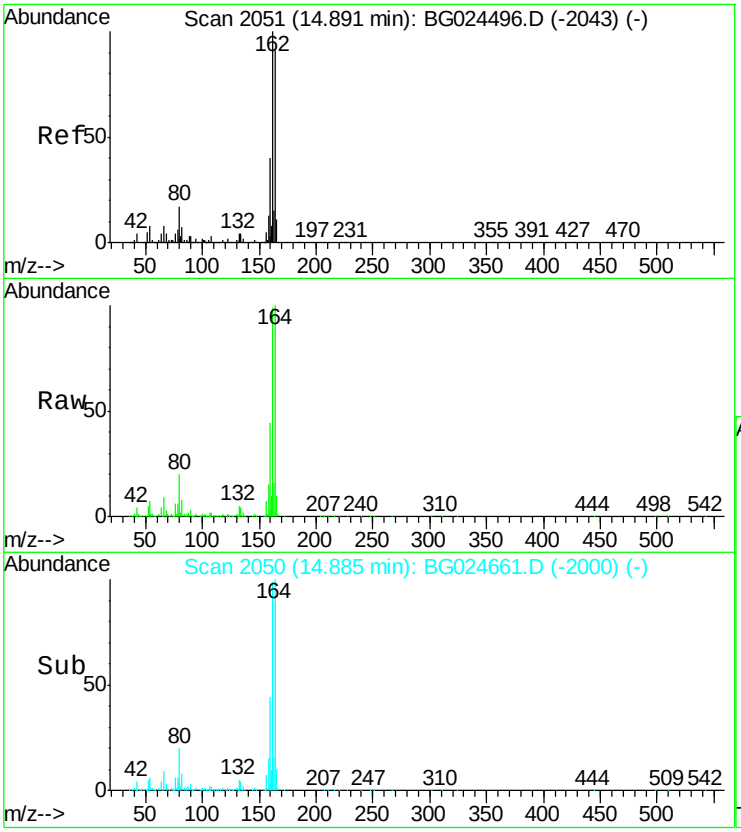


#23
Nitrobenzene-d5
Concen: 96.89 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024661.D
Acq: 4 Nov 2016 00:19

Tgt Ion: 82 Resp: 785024

Ion	Ratio	Lower	Upper
82	100		
128	35.7	26.4	39.6
54	55.1	49.4	74.2



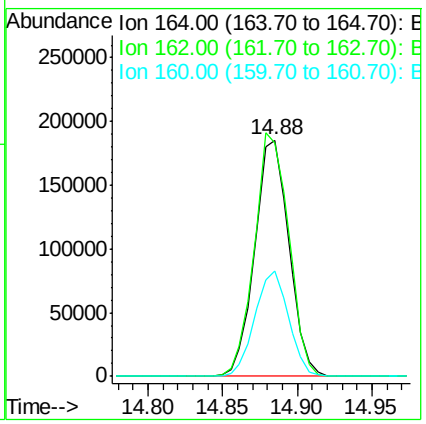


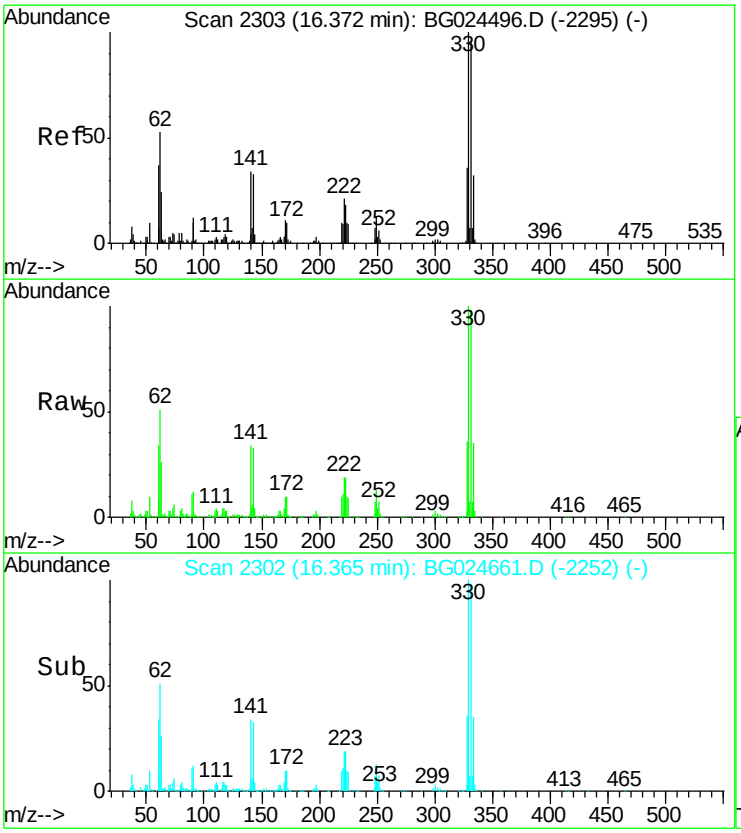
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024661.D
Acq: 4 Nov 2016 00:19

Instrument :
BNA_G
ClientSampleId :
SB-79-9.5-10.0

Tgt Ion:164 Resp: 293278

Ion	Ratio	Lower	Upper
164	100		
162	98.9	85.1	127.7
160	44.4	34.7	52.1

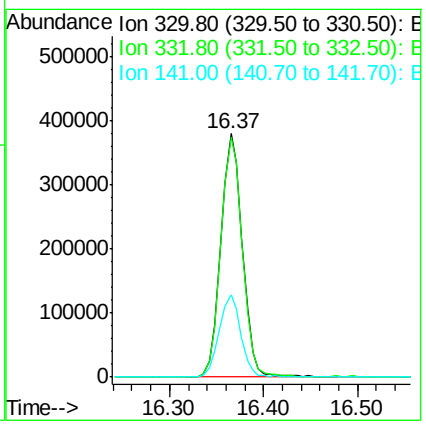


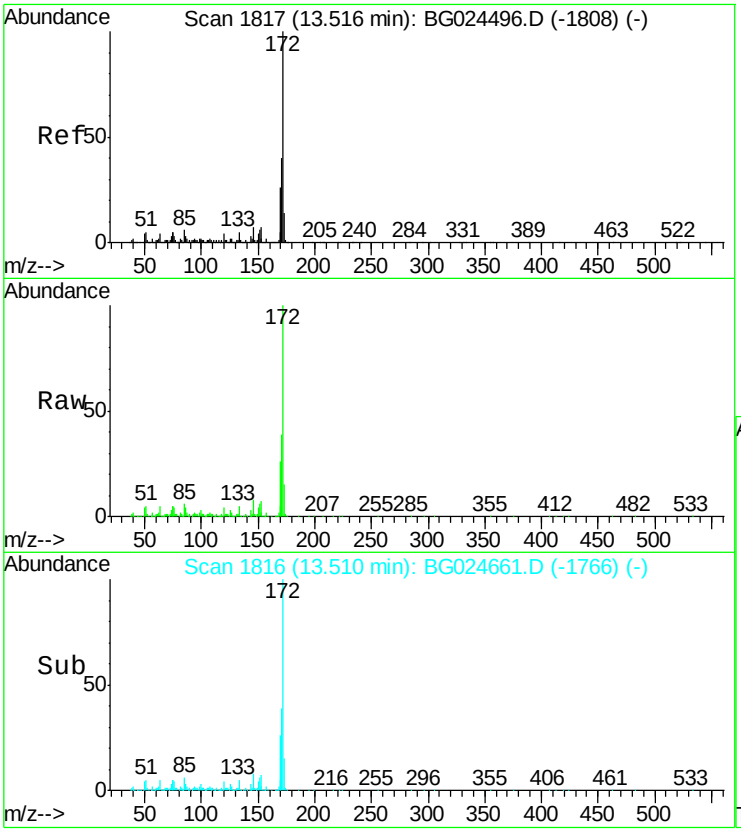


#41
2,4,6-Tribromophenol
Concen: 138.41 ng
RT: 16.37 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG024661.D
Acq: 4 Nov 2016 00:19

Tgt Ion:330 Resp: 606412

Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.3	115.9
141	34.2	32.1	48.1



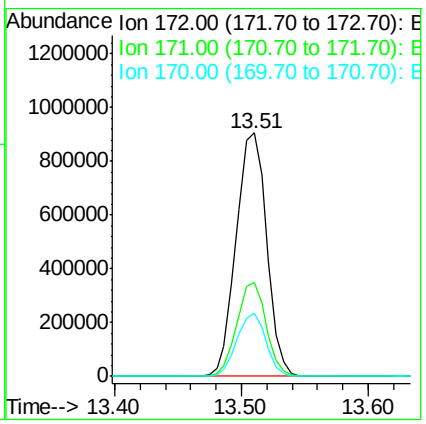


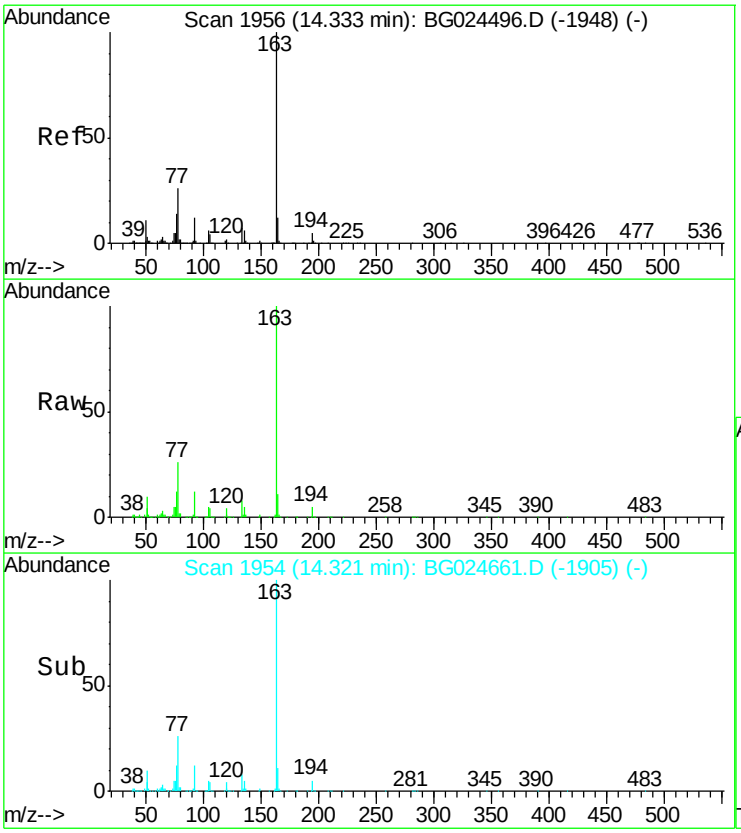
#44
2-Fluorobiphenyl
Concen: 85.71 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024661.D
Acq: 4 Nov 2016 00:19

Instrument :
BNA_G
ClientSampleId :
SB-79-9.5-10.0

Tgt Ion:172 Resp: 1512281

Ion	Ratio	Lower	Upper
172	100		
171	38.7	32.2	48.2
170	25.9	21.8	32.6

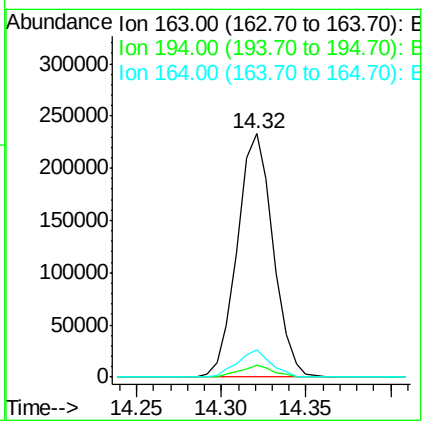


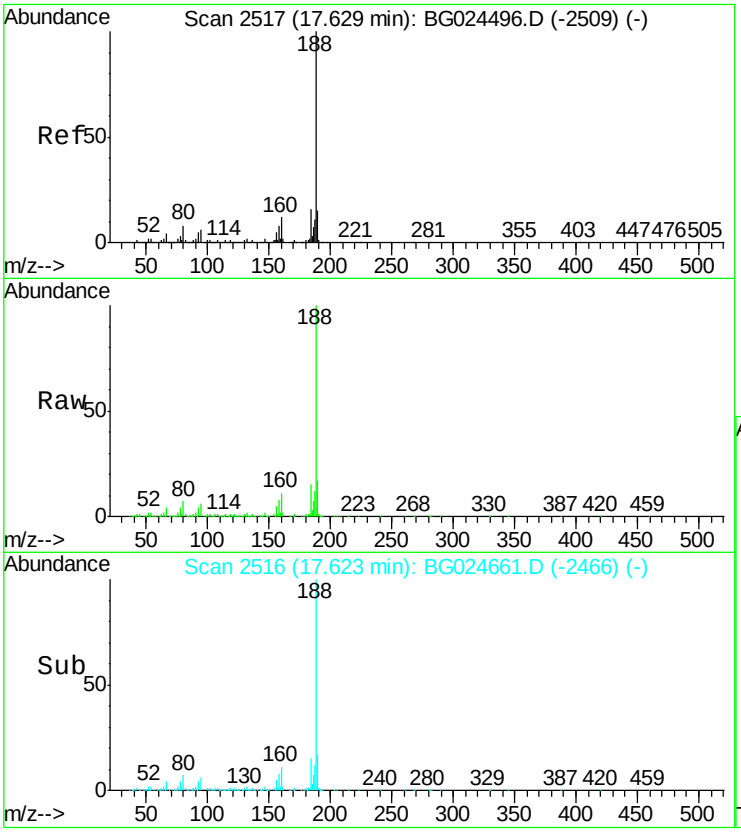


#49
Dimethylphthalate
Concen: 16.53 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG024661.D
Acq: 4 Nov 2016 00:19

Tgt Ion:163 Resp: 344150

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.8	5.6
164	11.1	9.3	13.9



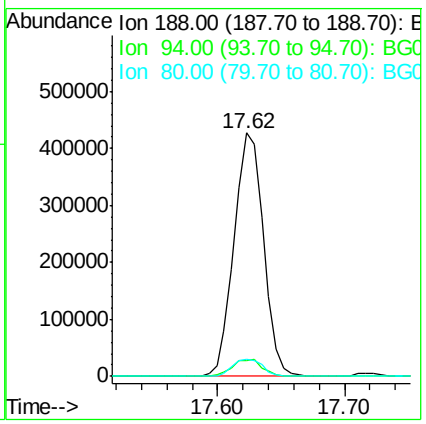


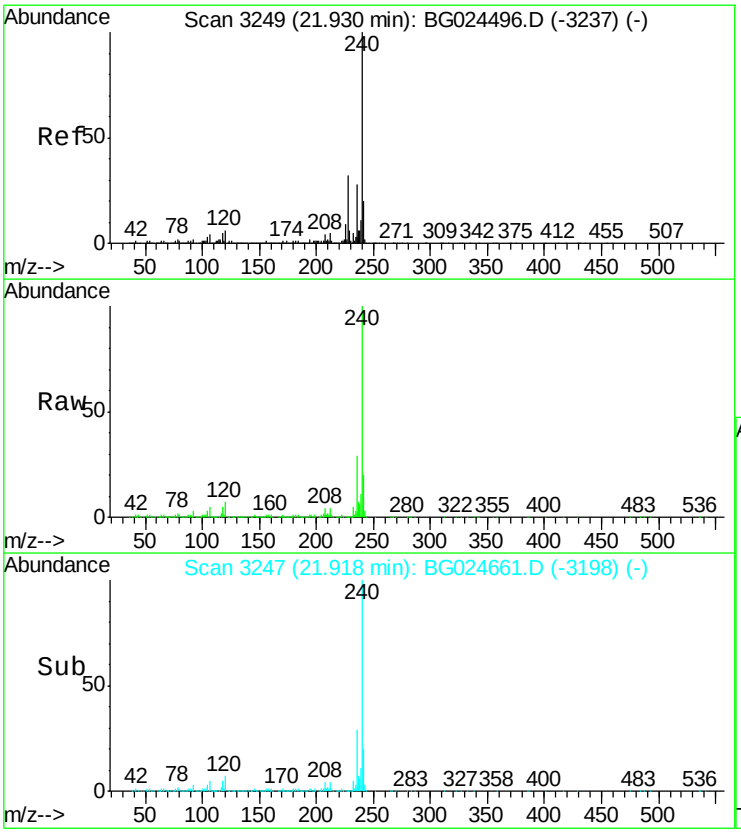
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024661.D
Acq: 4 Nov 2016 00:19

Instrument :
BNA_G
ClientSampleId :
SB-79-9.5-10.0

Tgt Ion:188 Resp: 687825

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.8	8.8
80	7.3	7.5	11.3#

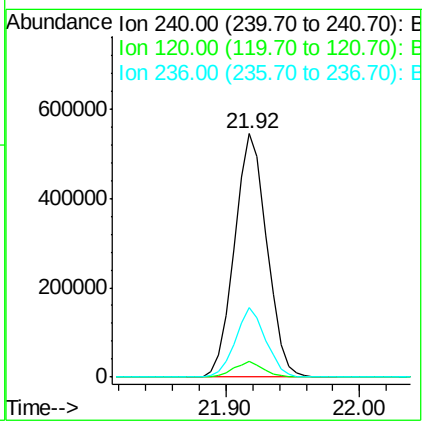


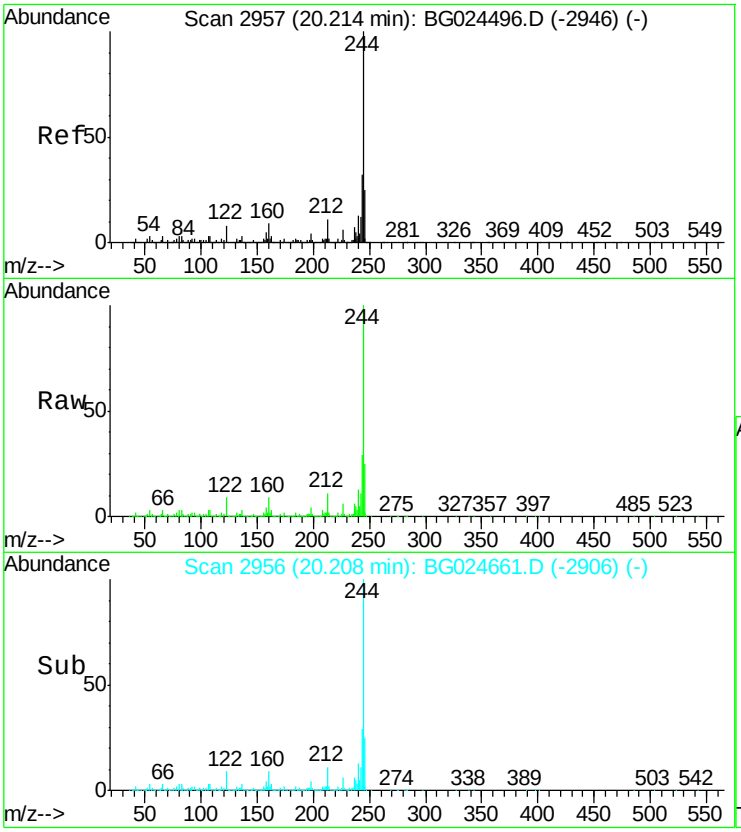


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024661.D
Acq: 4 Nov 2016 00:19

Tgt Ion:240 Resp: 912826

Ion	Ratio	Lower	Upper
240	100		
120	6.7	5.7	8.5
236	28.8	22.2	33.4



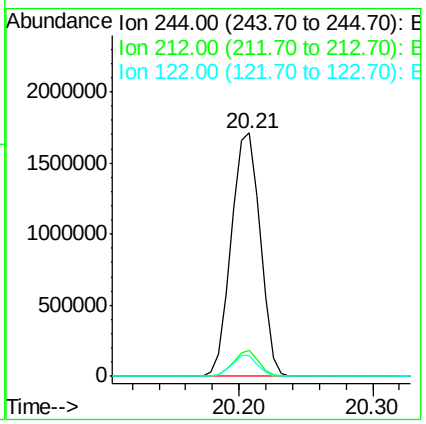


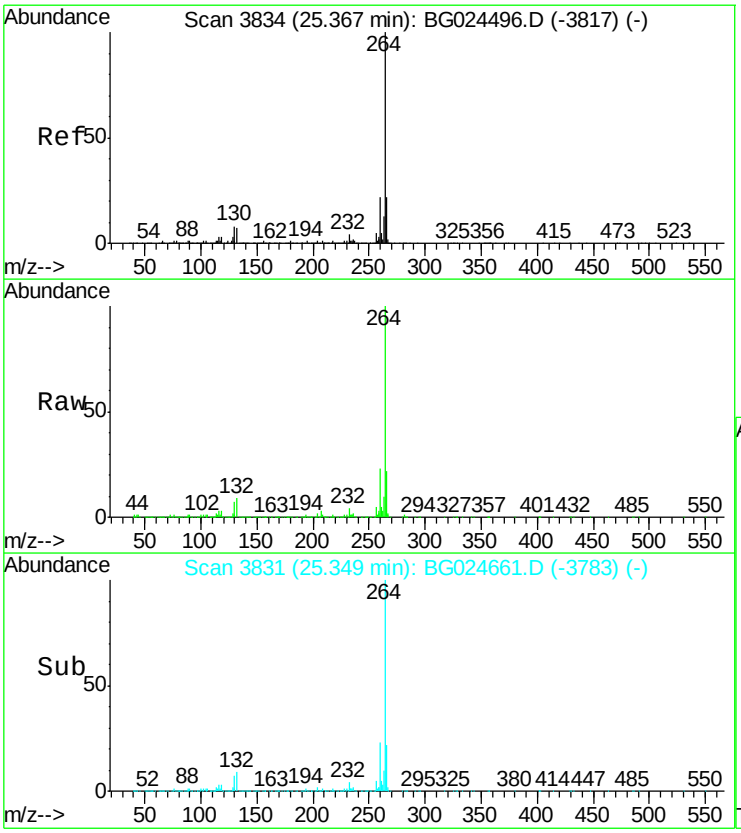
#78
Terphenyl-d14
Concen: 84.45 ng
RT: 20.21 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BG024661.D
Acq: 4 Nov 2016 00:19

Instrument :
BNA_G
ClientSampleId :
SB-79-9.5-10.0

Tgt Ion:244 Resp: 2579959

Ion	Ratio	Lower	Upper
244	100		
212	10.6	10.0	15.0
122	8.8	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3831
Delta R.T. -0.02 min
Lab File: BG024661.D
Acq: 4 Nov 2016 00:19

Tgt Ion:264 Resp: 955198

Ion	Ratio	Lower	Upper
264	100		
260	23.3	21.8	32.8
265	21.7	18.2	27.4