Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
Data File : BG024680.D
Acq On : 4 Nov 2016 13:22
Operator : UM/SJ
Sample : H5502-20
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-88-19.5-20.0

Quant Time: Nov 04 14:28:23 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	106966	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	416984	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	310368	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	766961	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1071574	20.00	ng	0.00
86) Perylene-d12	25.35	264	1116757	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	883061	135.31	ng	0.00
7) Phenol-d6	7.40	99	1245781	139.16	ng	0.00
23) Nitrobenzene-d5	9.44	82	895859	97.82	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	720212	155.33	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1677962	89.86	ng	0.00
78) Terphenyl-d14	20.21	244	2929866	81.70	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.43	94	20445	2.22	ng	93
49) Dimethylphthalate	14.32	163	519446	23.57	ng	97

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

Quantitation Report (QT/LSC Reviewed)

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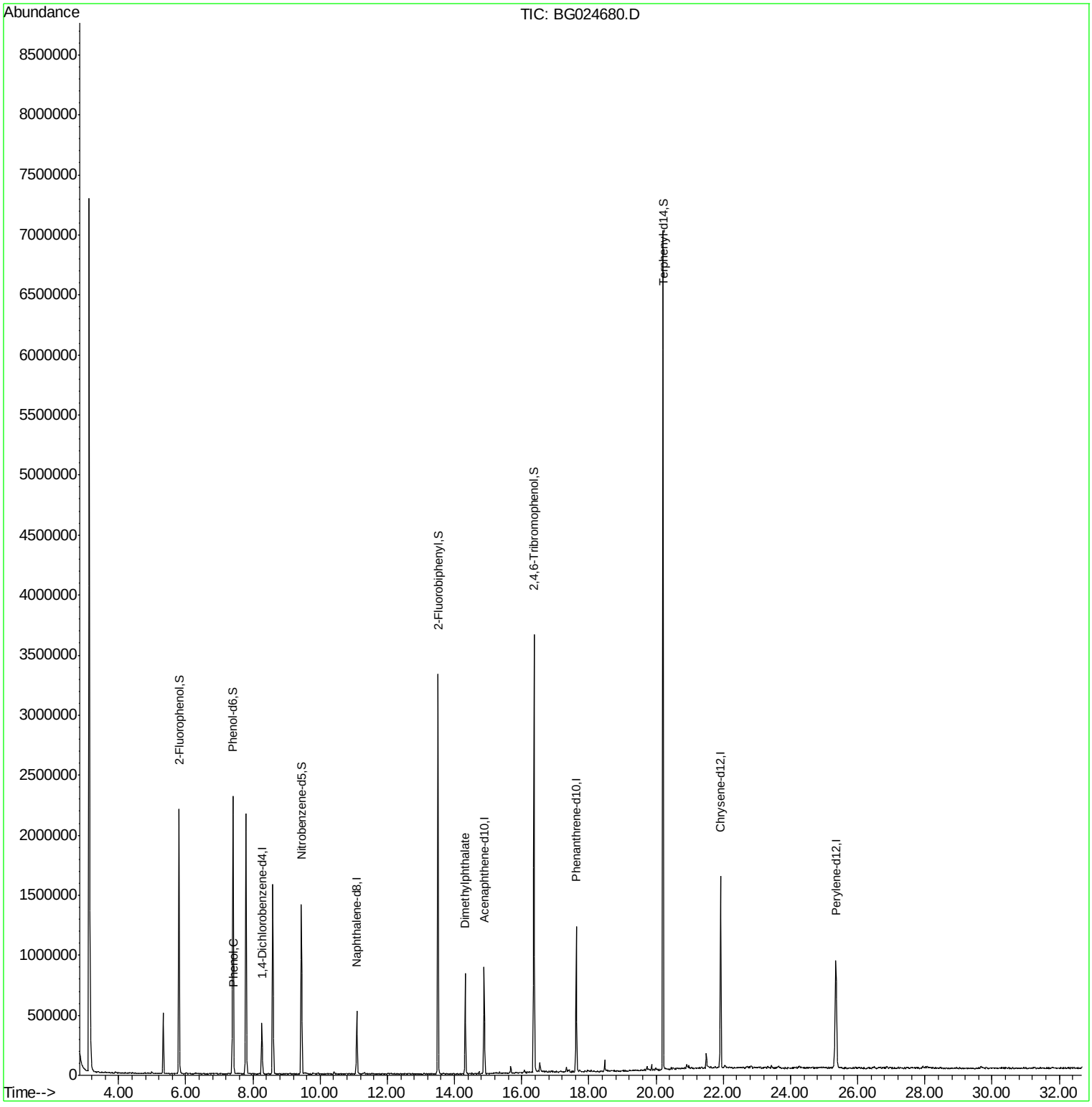
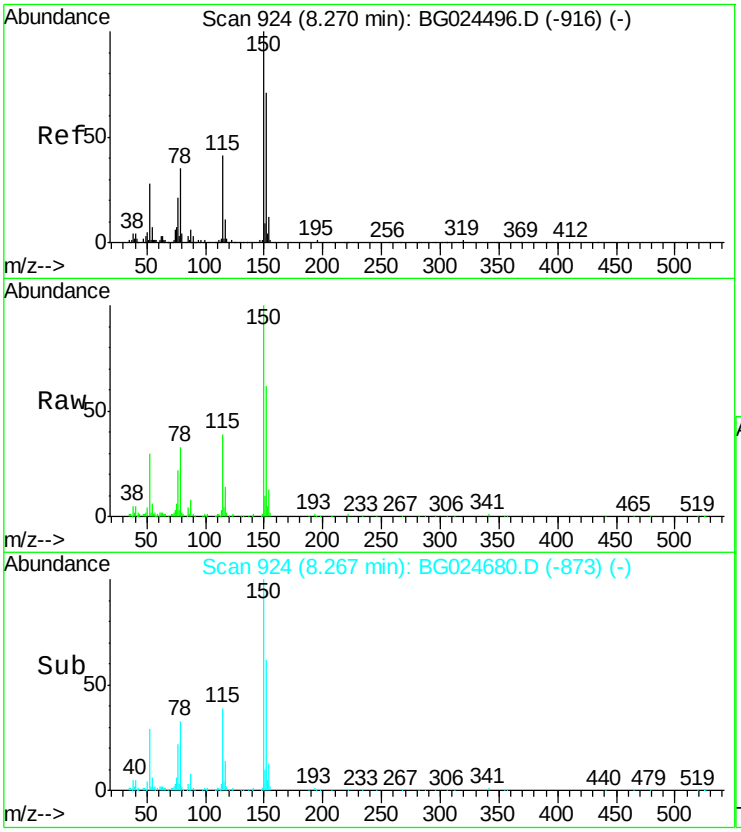


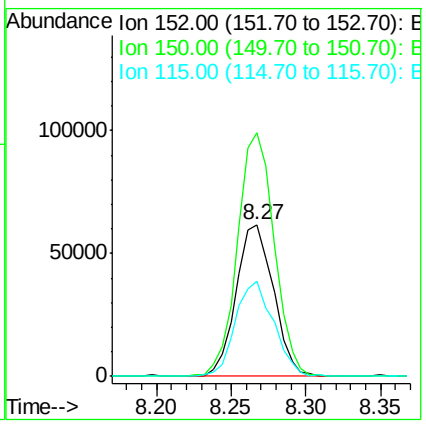


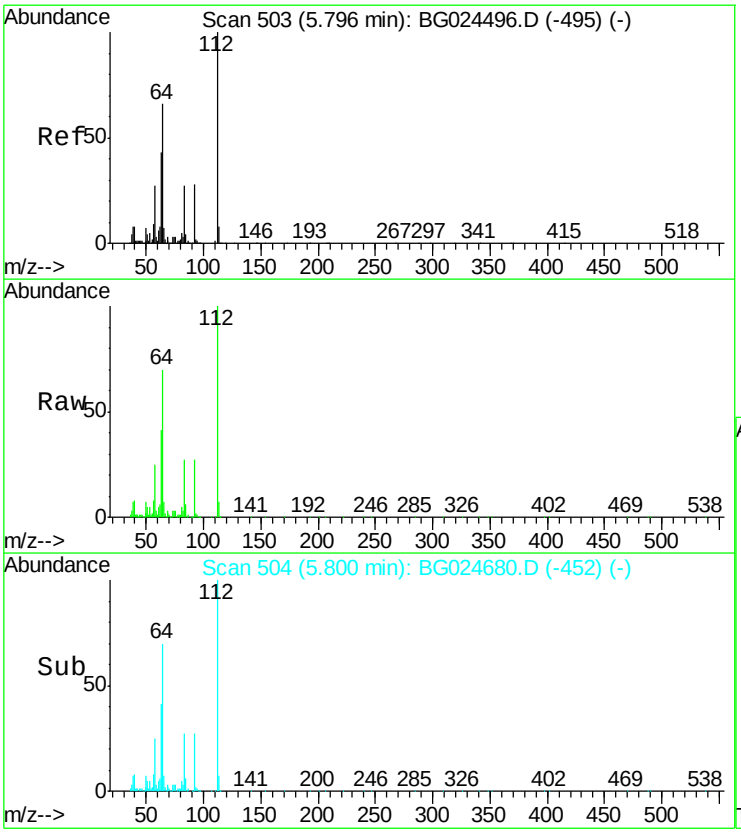
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG024680.D
Acq: 4 Nov 2016 13:22

Instrument :
BNA_G
ClientSampleId :
SB-88-19.5-20.0

Tgt Ion:152 Resp: 106966

Ion	Ratio	Lower	Upper
152	100		
150	160.1	114.0	171.0
115	62.6	48.1	72.1

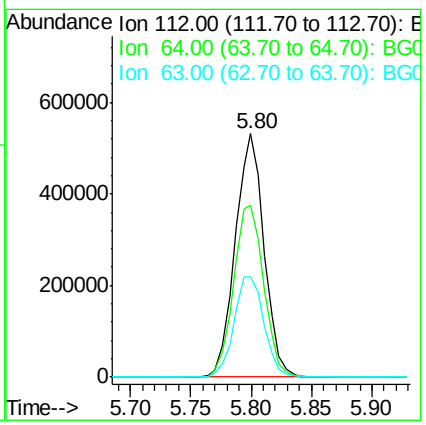


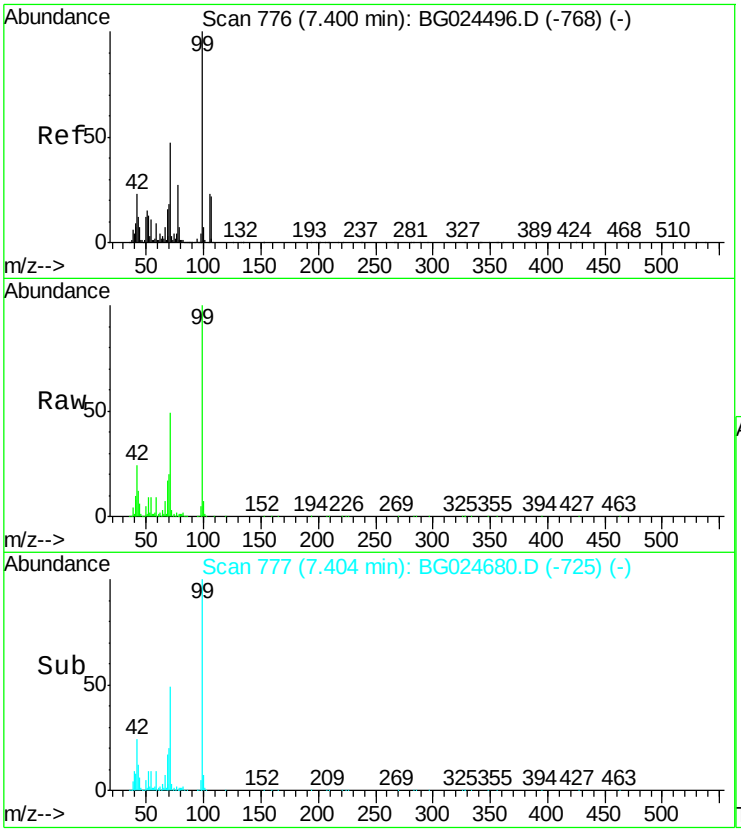


#5
2-Fluorophenol
Concen: 135.31 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.00 min
Lab File: BG024680.D
Acq: 4 Nov 2016 13:22

Tgt Ion:112 Resp: 883061

Ion	Ratio	Lower	Upper
112	100		
64	70.5	61.8	92.6
63	41.4	37.2	55.8



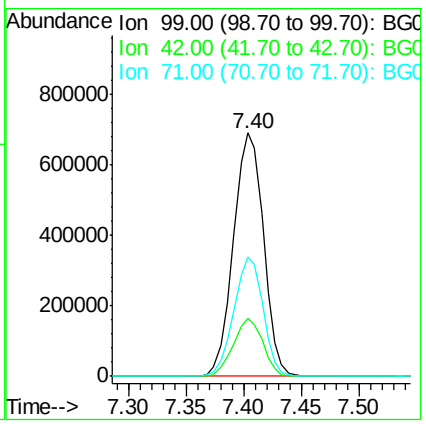


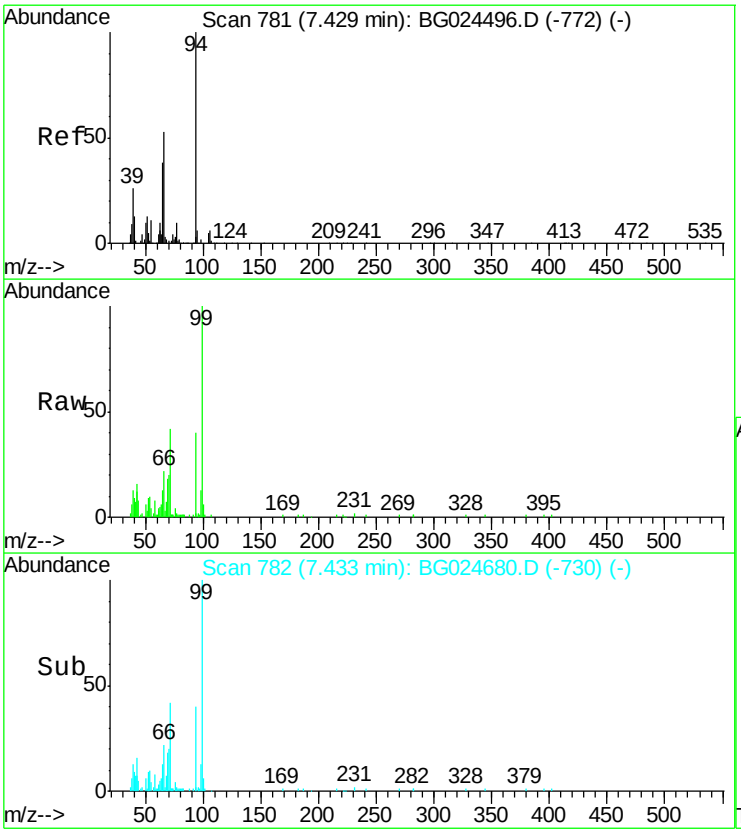
#7
Phenol-d6
Concen: 139.16 ng
RT: 7.40 min Scan# 777
Delta R.T. 0.00 min
Lab File: BG024680.D
Acq: 4 Nov 2016 13:22

Instrument :
BNA_G
ClientSampleId :
SB-88-19.5-20.0

Tgt Ion: 99 Resp: 1245781

Ion	Ratio	Lower	Upper
99	100		
42	23.9	20.5	30.7
71	48.9	37.6	56.4

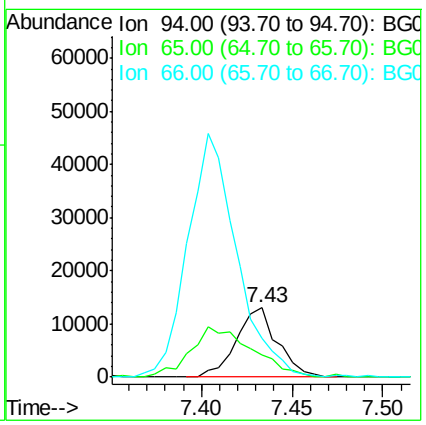


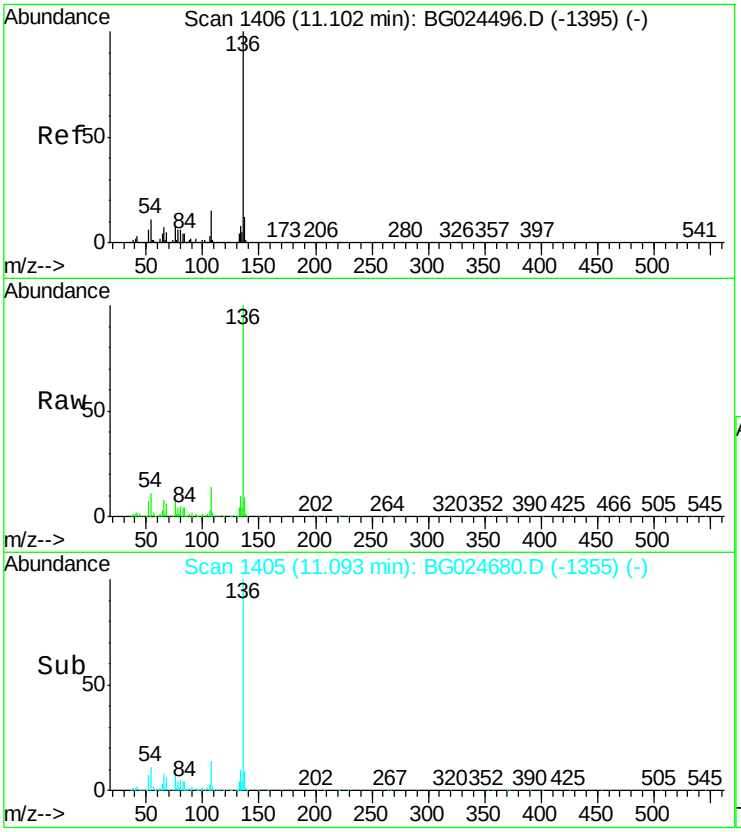


#10
Phenol
Concen: 2.22 ng
RT: 7.43 min Scan# 782
Delta R.T. 0.00 min
Lab File: BG024680.D
Acq: 4 Nov 2016 13:22

Tgt Ion: 94 Resp: 20445

Ion	Ratio	Lower	Upper
94	100		
65	31.6	20.6	60.6
66	56.5	35.5	75.5



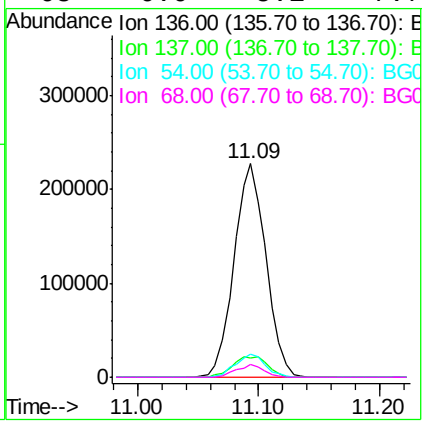


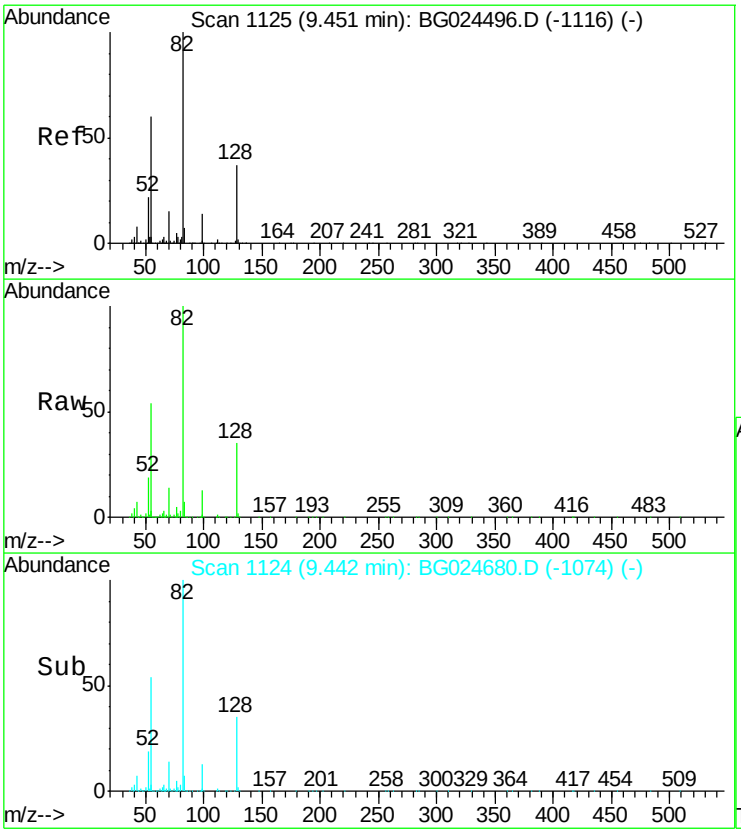
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024680.D
Acq: 4 Nov 2016 13:22

Instrument :
BNA_G
ClientSampleId :
SB-88-19.5-20.0

Tgt Ion:136 Resp: 416984

Ion	Ratio	Lower	Upper
136	100		
137	9.3	8.9	13.3
54	10.7	9.3	13.9
68	6.0	5.1	7.7

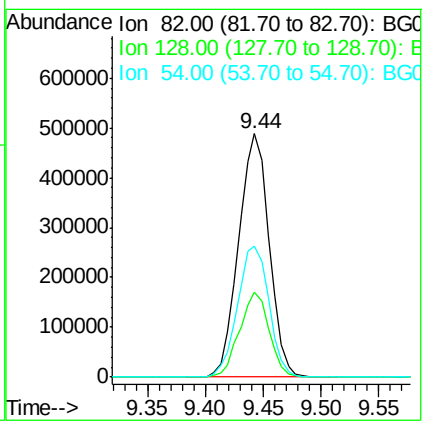


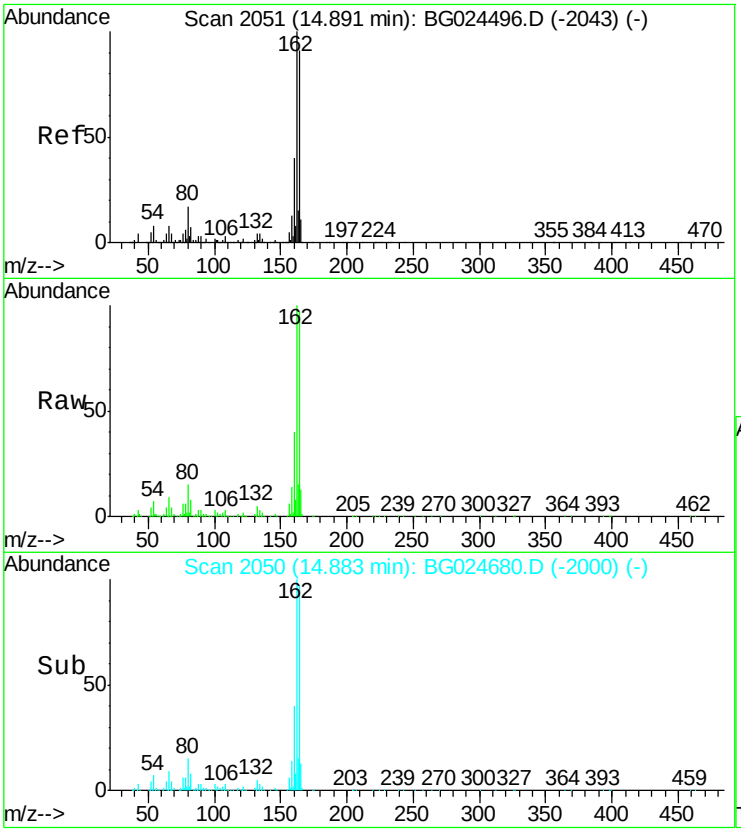


#23
Nitrobenzene-d5
Concen: 97.82 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024680.D
Acq: 4 Nov 2016 13:22

Tgt Ion: 82 Resp: 895859

Ion	Ratio	Lower	Upper
82	100		
128	34.8	26.4	39.6
54	53.6	49.4	74.2



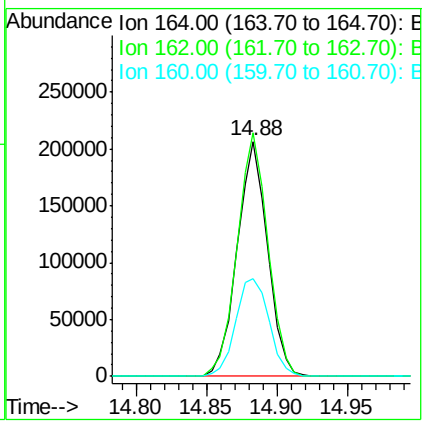


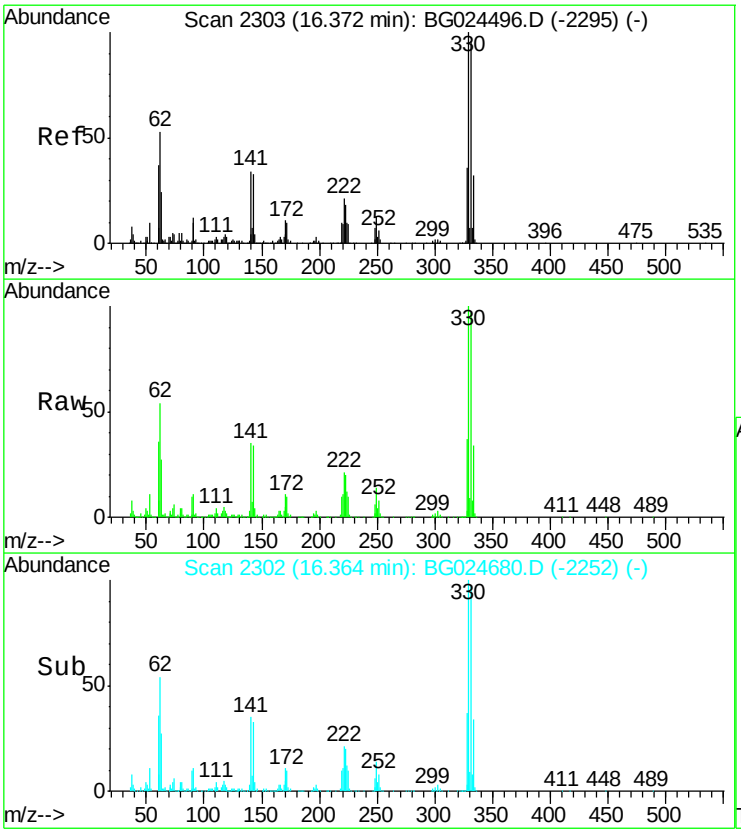
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024680.D
Acq: 4 Nov 2016 13:22

Instrument :
BNA_G
ClientSampleId :
SB-88-19.5-20.0

Tgt Ion:164 Resp: 310368

Ion	Ratio	Lower	Upper
164	100		
162	103.5	85.1	127.7
160	41.4	34.7	52.1

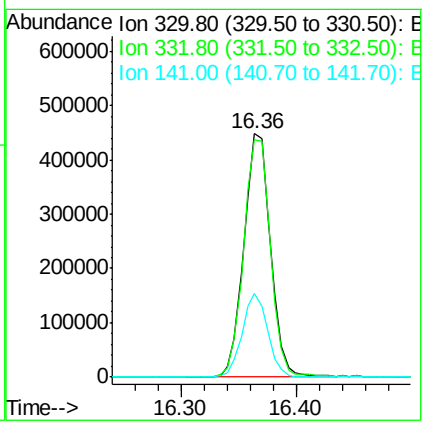


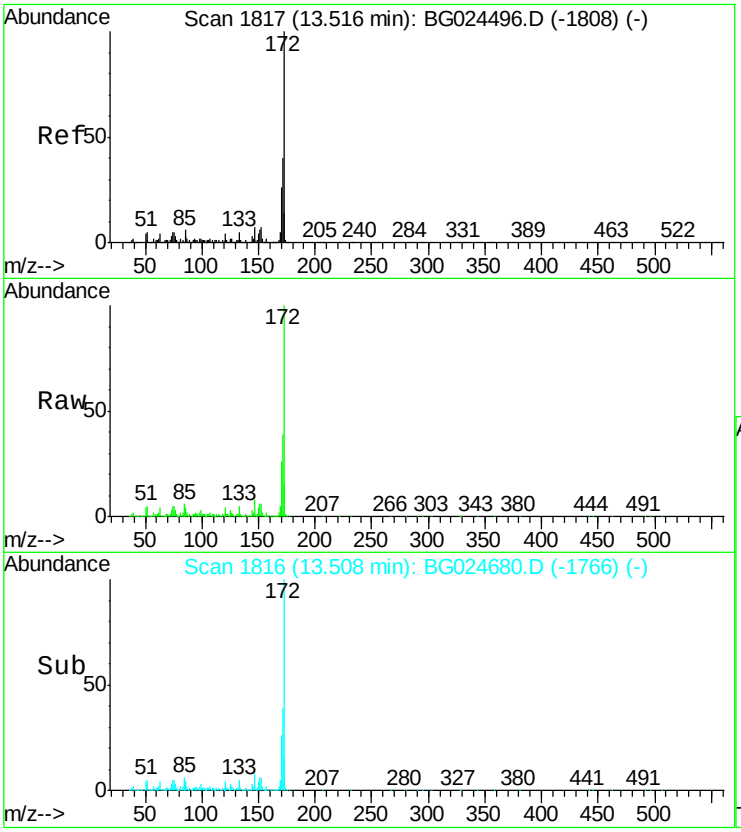


#41
2,4,6-Tribromophenol
Concen: 155.33 ng
RT: 16.36 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG024680.D
Acq: 4 Nov 2016 13:22

Tgt Ion:330 Resp: 720212

Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.3	115.9
141	32.9	32.1	48.1



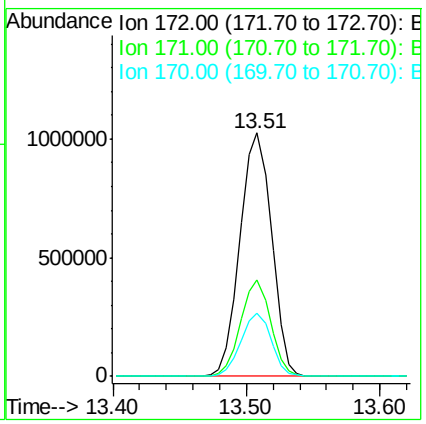


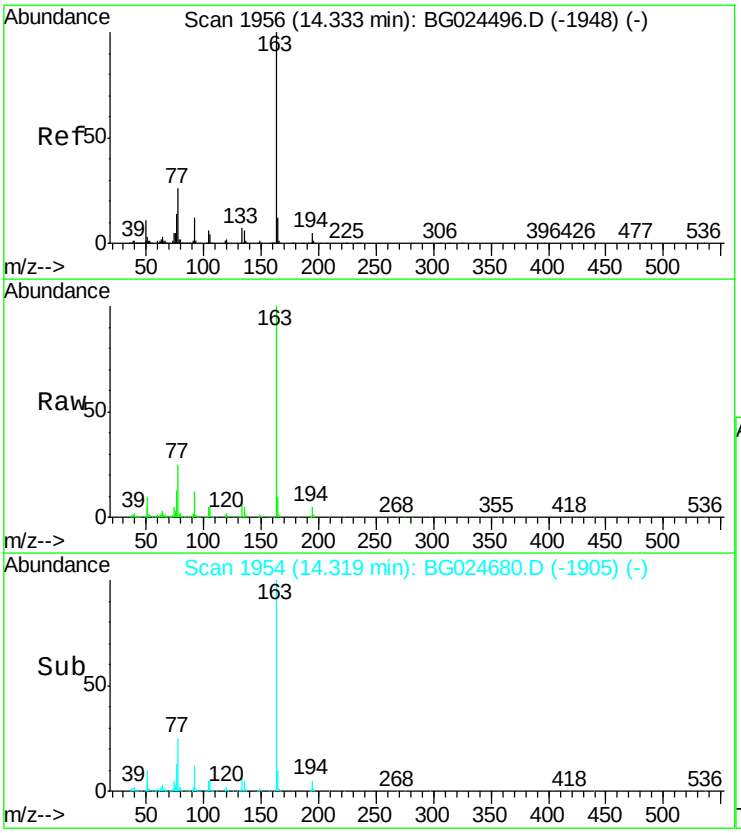
#44
2-Fluorobiphenyl
Concen: 89.86 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024680.D
Acq: 4 Nov 2016 13:22

Instrument :
BNA_G
ClientSampleId :
SB-88-19.5-20.0

Tgt Ion:172 Resp: 1677962

Ion	Ratio	Lower	Upper
172	100		
171	39.4	32.2	48.2
170	25.7	21.8	32.6

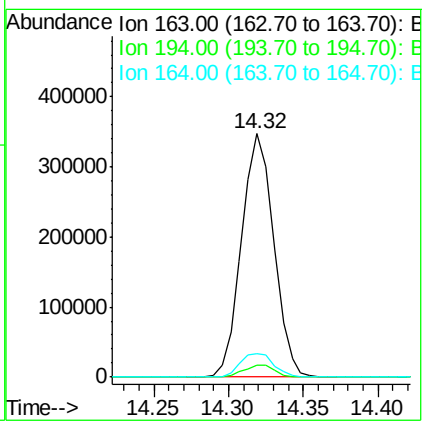


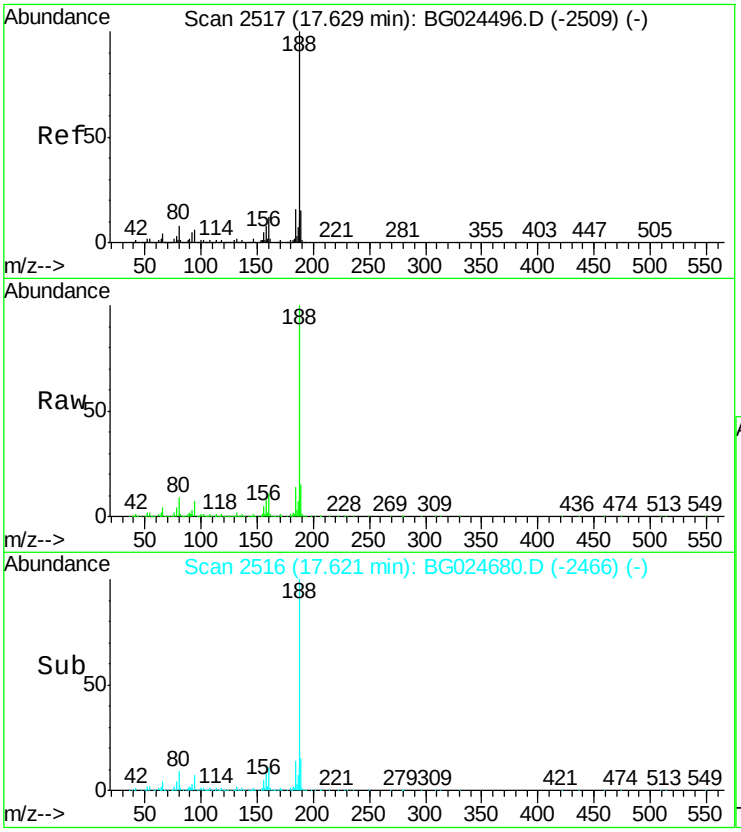


#49
Dimethylphthalate
Concen: 23.57 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG024680.D
Acq: 4 Nov 2016 13:22

Tgt Ion:163 Resp: 519446

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.8	5.6
164	9.8	9.3	13.9



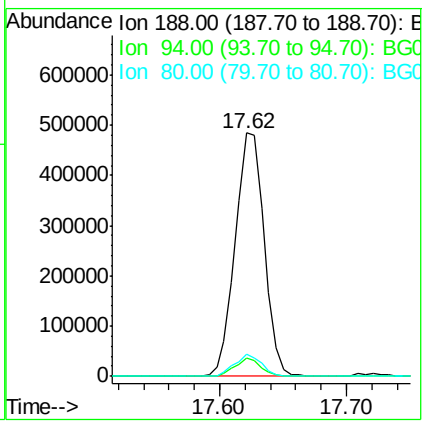


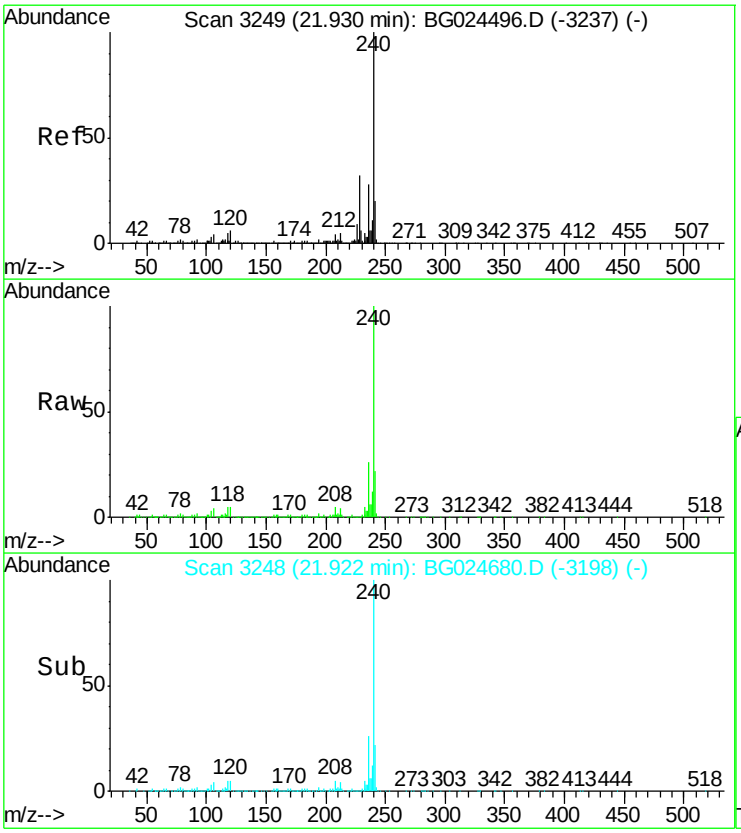
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024680.D
Acq: 4 Nov 2016 13:22

Instrument :
BNA_G
ClientSampleId :
SB-88-19.5-20.0

Tgt Ion:188 Resp: 766961

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.8	8.8
80	8.9	7.5	11.3

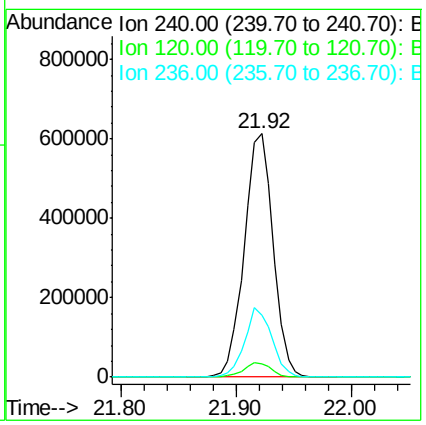


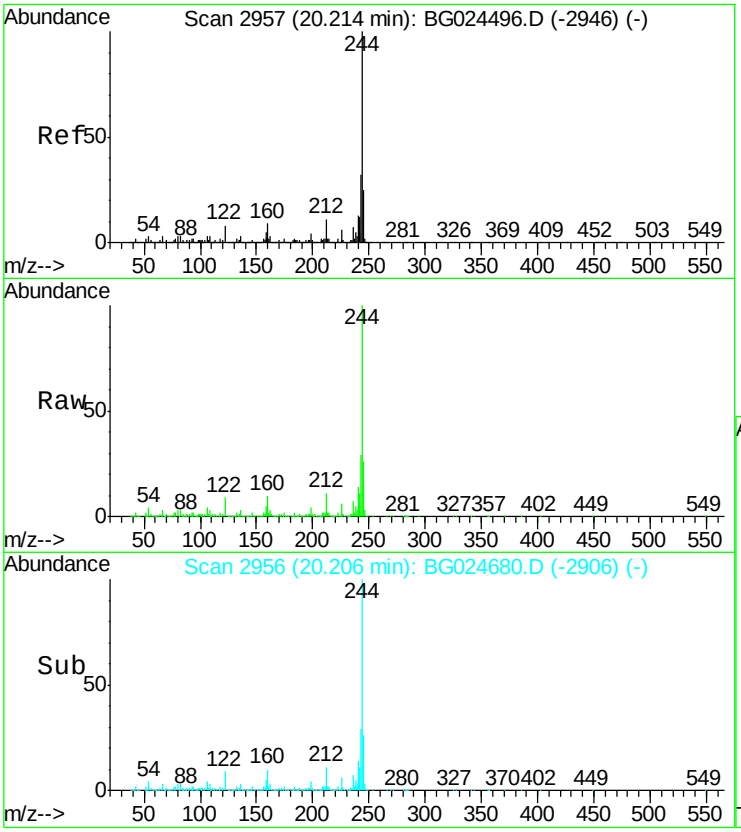


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG024680.D
Acq: 4 Nov 2016 13:22

Tgt Ion:240 Resp: 1071574

Ion	Ratio	Lower	Upper
240	100		
120	5.3	5.7	8.5#
236	25.5	22.2	33.4



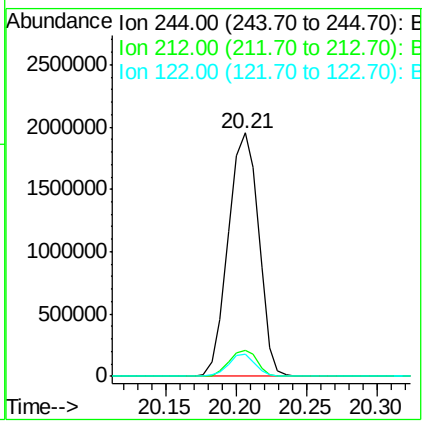


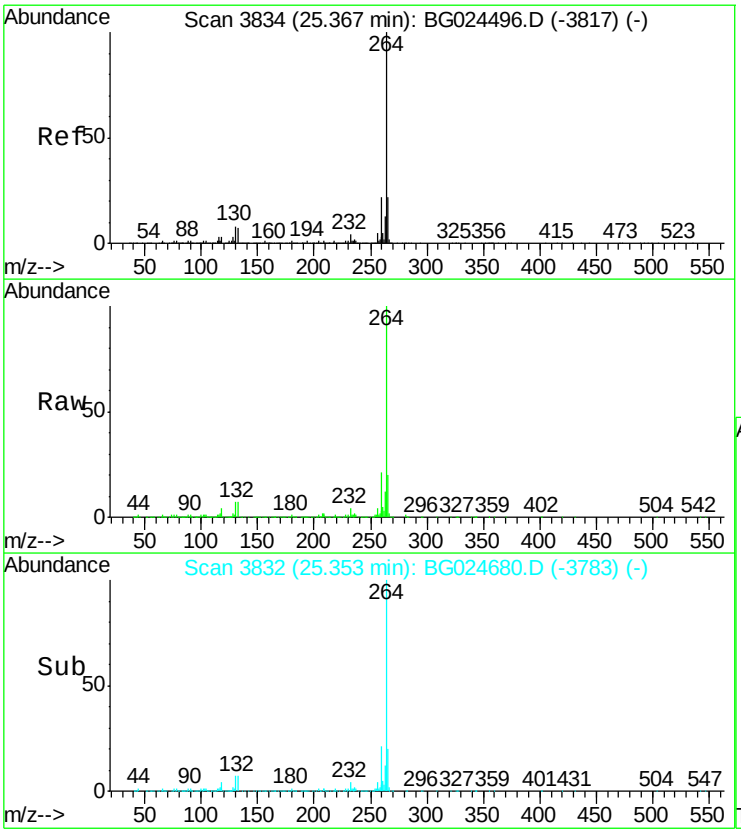
#78
Terphenyl-d14
Concen: 81.70 ng
RT: 20.21 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BG024680.D
Acq: 4 Nov 2016 13:22

Instrument :
BNA_G
ClientSampleId :
SB-88-19.5-20.0

Tgt Ion:244 Resp: 2929866

Ion	Ratio	Lower	Upper
244	100		
212	10.9	10.0	15.0
122	8.9	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3832
Delta R.T. -0.01 min
Lab File: BG024680.D
Acq: 4 Nov 2016 13:22

Tgt Ion:264 Resp: 1116757

Ion	Ratio	Lower	Upper
264	100		
260	21.4	21.8	32.8#
265	20.4	18.2	27.4