Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
Data File : BG024681.D
Acq On : 4 Nov 2016 14:00
Operator : UM/SJ
Sample : H5502-18
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-87-15.5-16.0

Quant Time: Nov 04 14:35:49 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	8.26	152	100352	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	395701	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	306118	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	745350	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1018129	20.00	ng	0.00
86) Perylene-d12	25.35	264	1048863	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	817674	133.55	ng	0.00
7) Phenol-d6	7.40	99	1179261	140.41	ng	0.00
23) Nitrobenzene-d5	9.44	82	812828	93.52	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	681184	148.95	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1580456	85.81	ng	0.00
78) Terphenyl-d14	20.21	244	2801678	82.23	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.43	94	18185	2.10	ng	86
49) Dimethylphthalate	14.32	163	456199	20.99	ng	96

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

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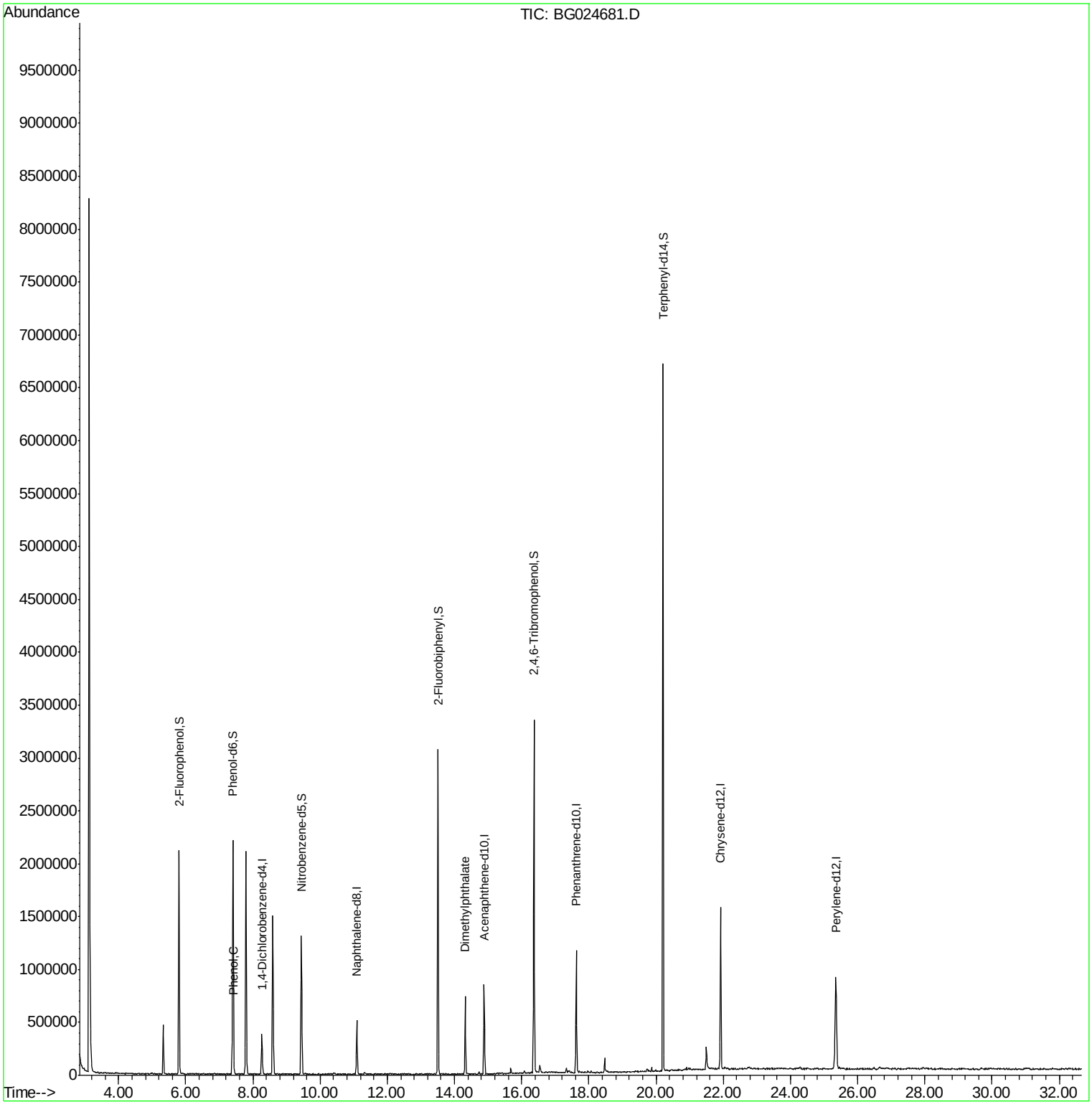
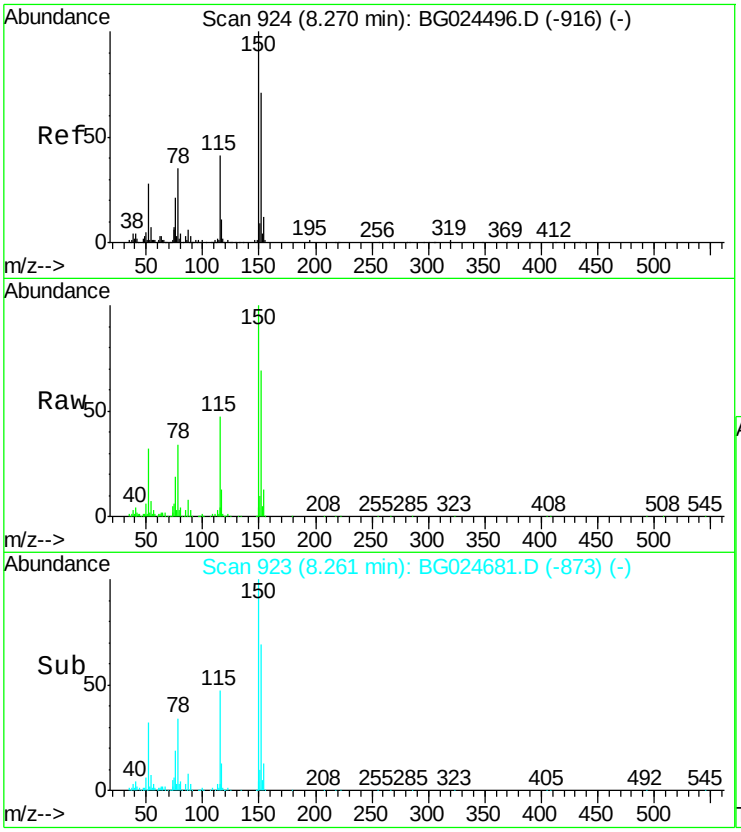


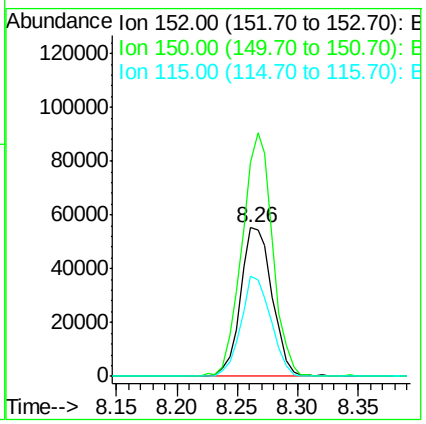


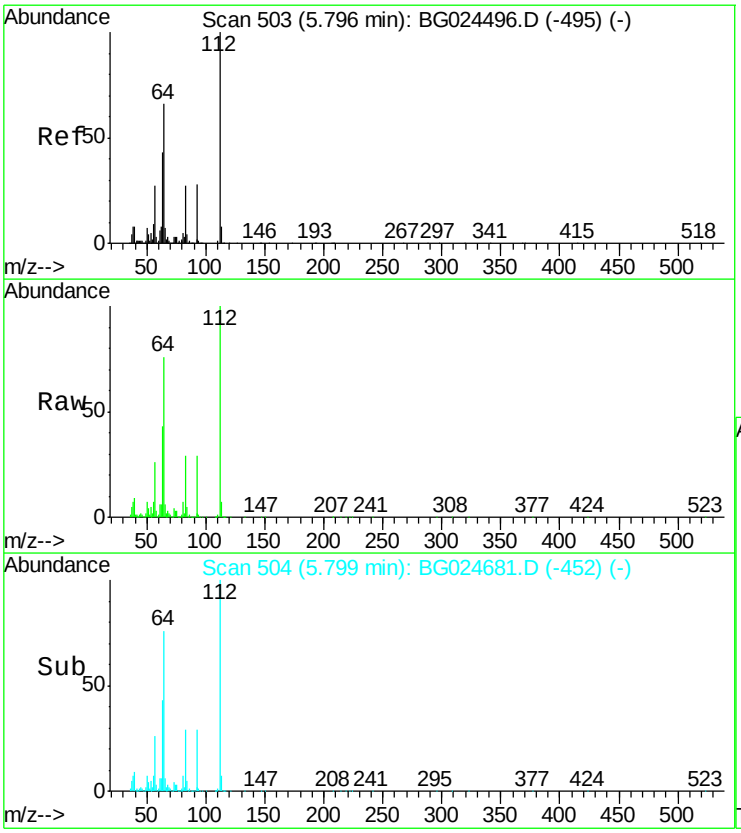
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG024681.D
Acq: 4 Nov 2016 14:00

Instrument :
BNA_G
ClientSampleId :
SB-87-15.5-16.0

Tgt Ion:152 Resp: 100352

Ion	Ratio	Lower	Upper
152	100		
150	144.1	114.0	171.0
115	67.4	48.1	72.1

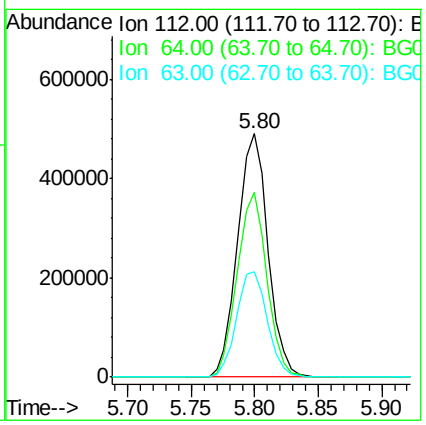


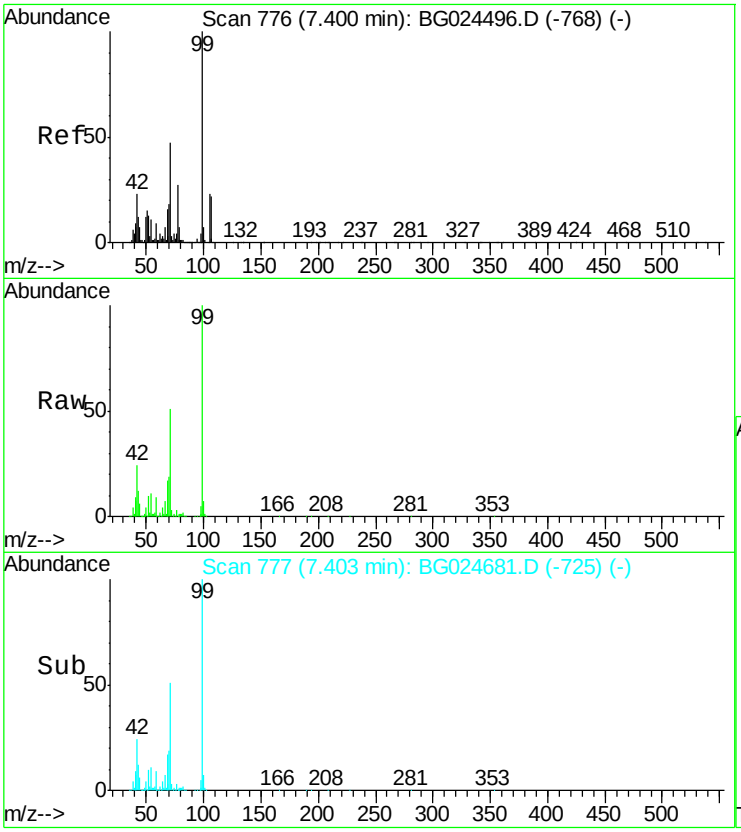


#5
2-Fluorophenol
Concen: 133.55 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.00 min
Lab File: BG024681.D
Acq: 4 Nov 2016 14:00

Tgt Ion:112 Resp: 817674

Ion	Ratio	Lower	Upper
112	100		
64	76.1	61.8	92.6
63	43.2	37.2	55.8



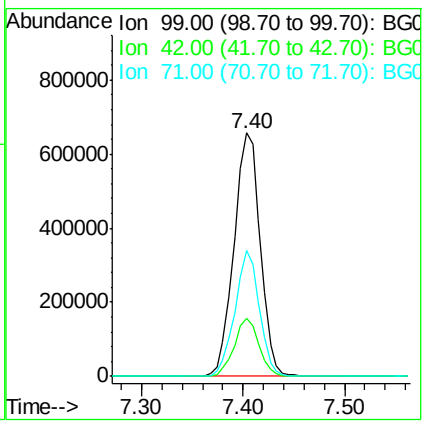


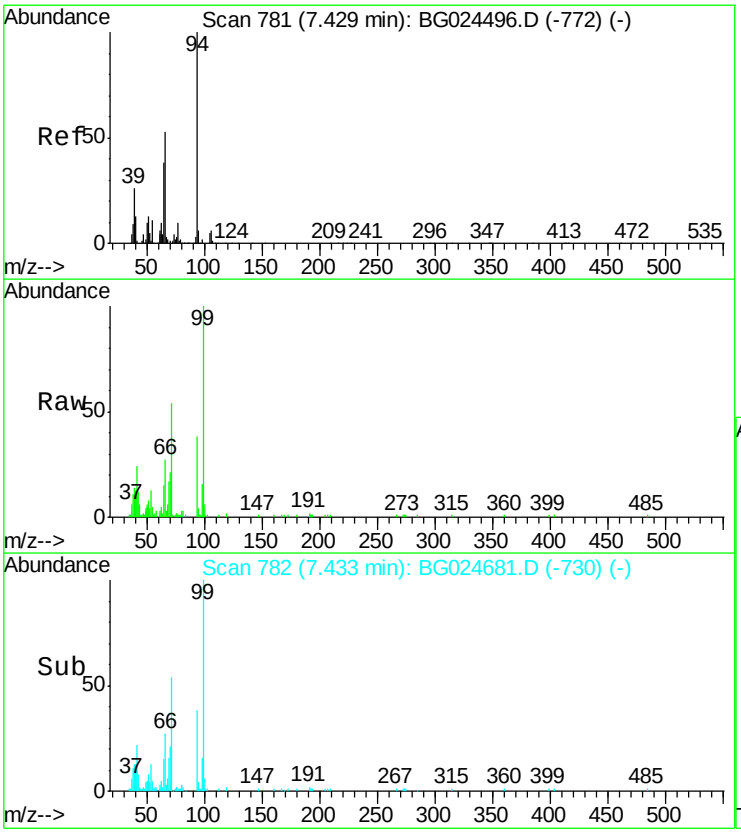
#7
Phenol-d6
Concen: 140.41 ng
RT: 7.40 min Scan# 777
Delta R.T. 0.00 min
Lab File: BG024681.D
Acq: 4 Nov 2016 14:00

Instrument :
BNA_G
ClientSampleId :
SB-87-15.5-16.0

Tgt Ion: 99 Resp: 1179261

Ion	Ratio	Lower	Upper
99	100		
42	23.7	20.5	30.7
71	51.4	37.6	56.4

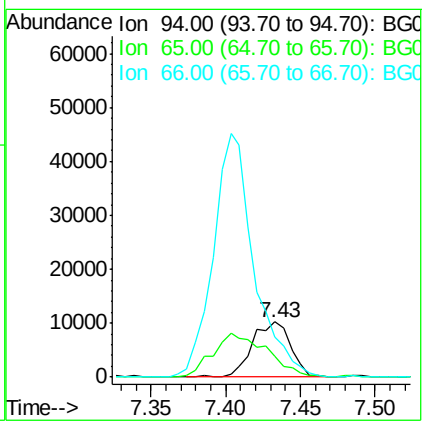


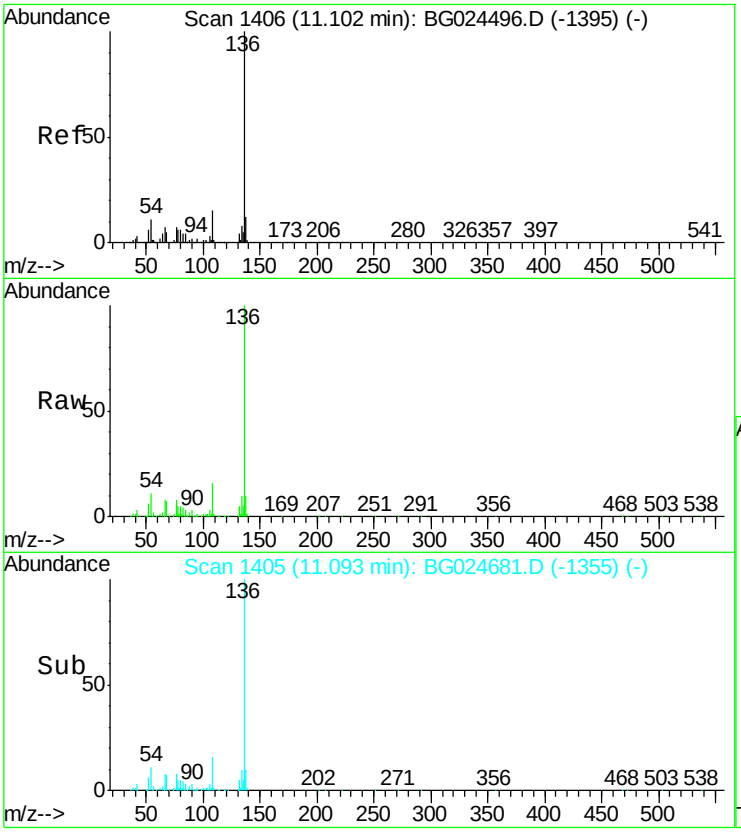


#10
Phenol
Concen: 2.10 ng
RT: 7.43 min Scan# 782
Delta R.T. 0.00 min
Lab File: BG024681.D
Acq: 4 Nov 2016 14:00

Tgt Ion: 94 Resp: 18185

Ion	Ratio	Lower	Upper
94	100		
65	38.9	20.6	60.6
66	71.7	35.5	75.5



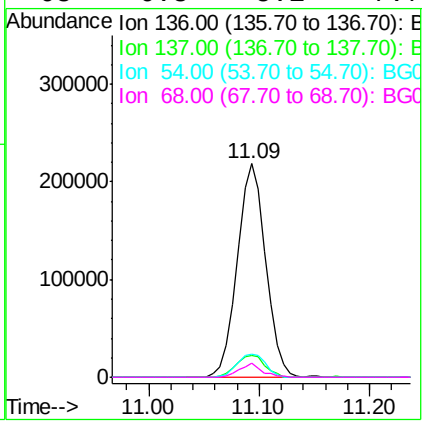


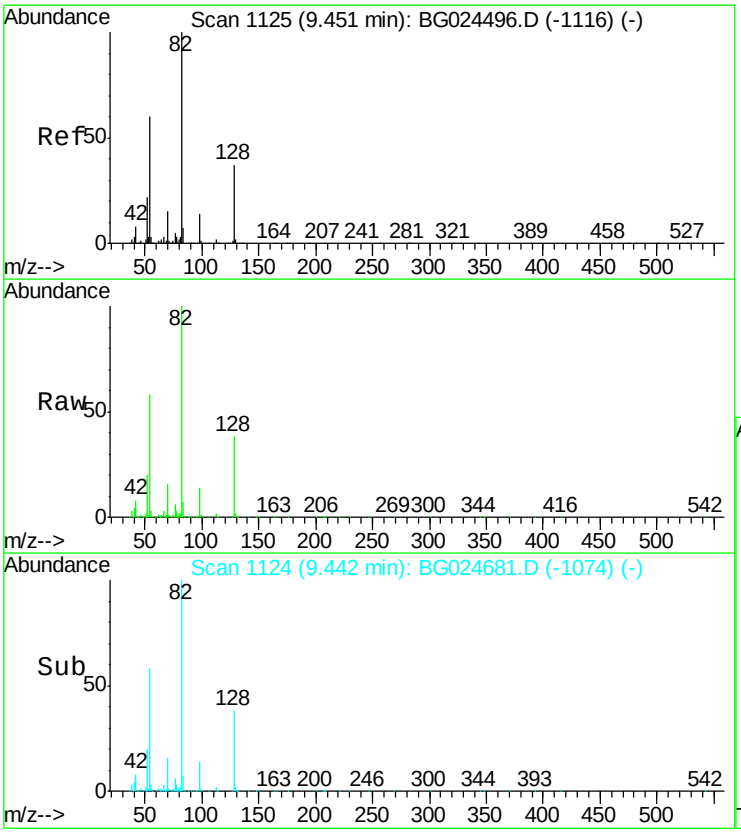
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024681.D
Acq: 4 Nov 2016 14:00

Instrument :
BNA_G
ClientSampleId :
SB-87-15.5-16.0

Tgt Ion:136 Resp: 395701

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	10.6	9.3	13.9
68	6.8	5.1	7.7

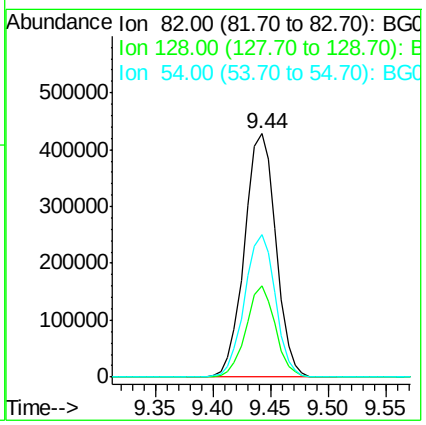


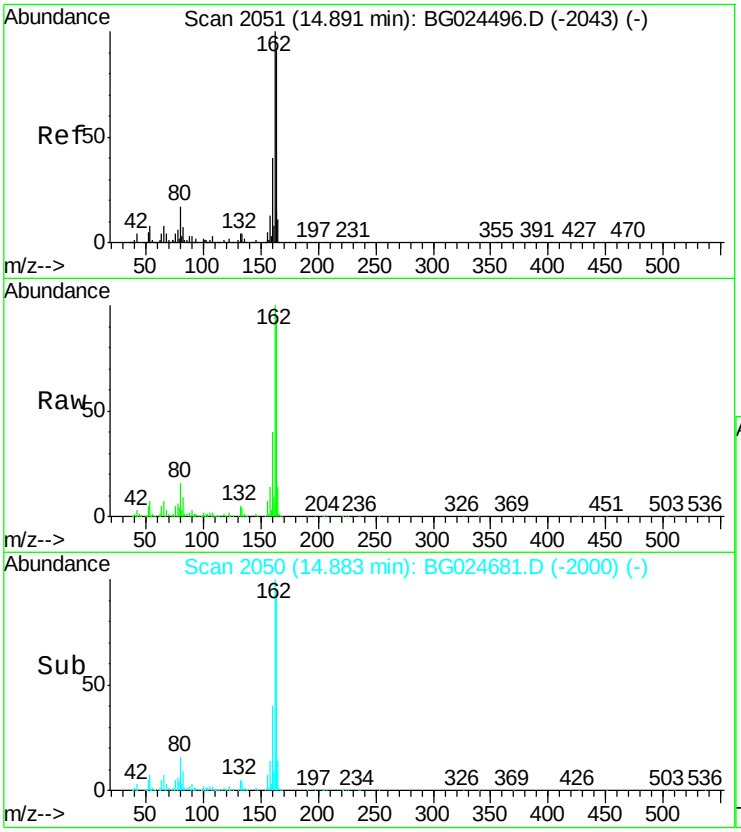


#23
Nitrobenzene-d5
Concen: 93.52 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024681.D
Acq: 4 Nov 2016 14:00

Tgt Ion: 82 Resp: 812828

Ion	Ratio	Lower	Upper
82	100		
128	37.6	26.4	39.6
54	58.4	49.4	74.2



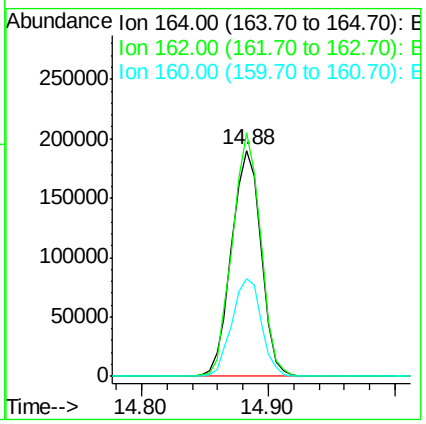


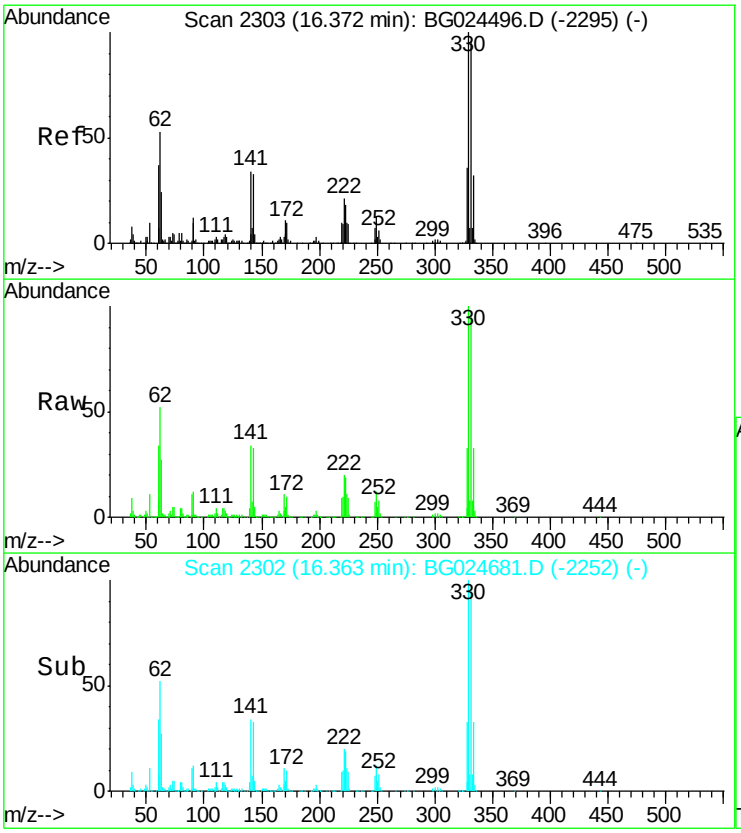
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024681.D
Acq: 4 Nov 2016 14:00

Instrument :
BNA_G
ClientSampleId :
SB-87-15.5-16.0

Tgt Ion:164 Resp: 306118

Ion	Ratio	Lower	Upper
164	100		
162	107.8	85.1	127.7
160	43.0	34.7	52.1

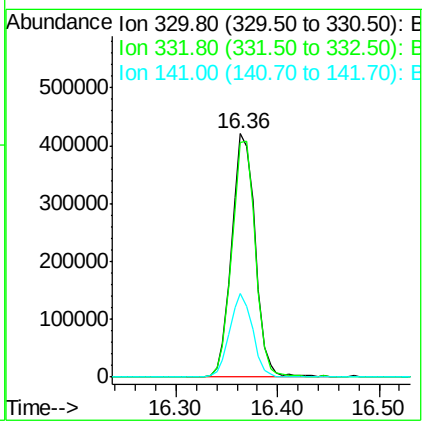


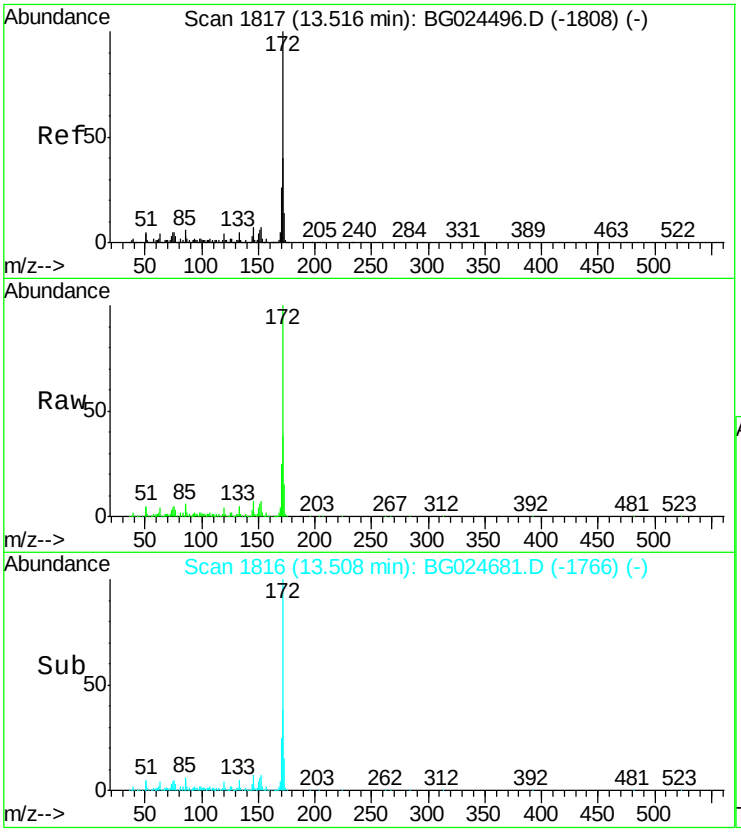


#41
2,4,6-Tribromophenol
Concen: 148.95 ng
RT: 16.36 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG024681.D
Acq: 4 Nov 2016 14:00

Tgt Ion:330 Resp: 681184

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	33.5	32.1	48.1



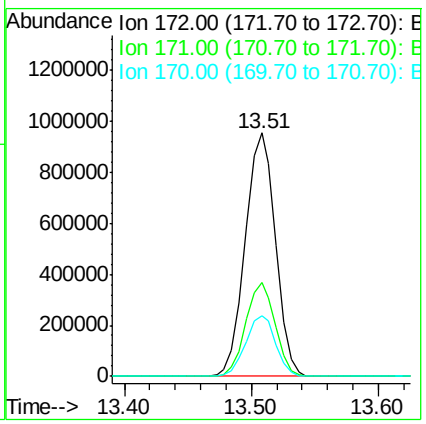


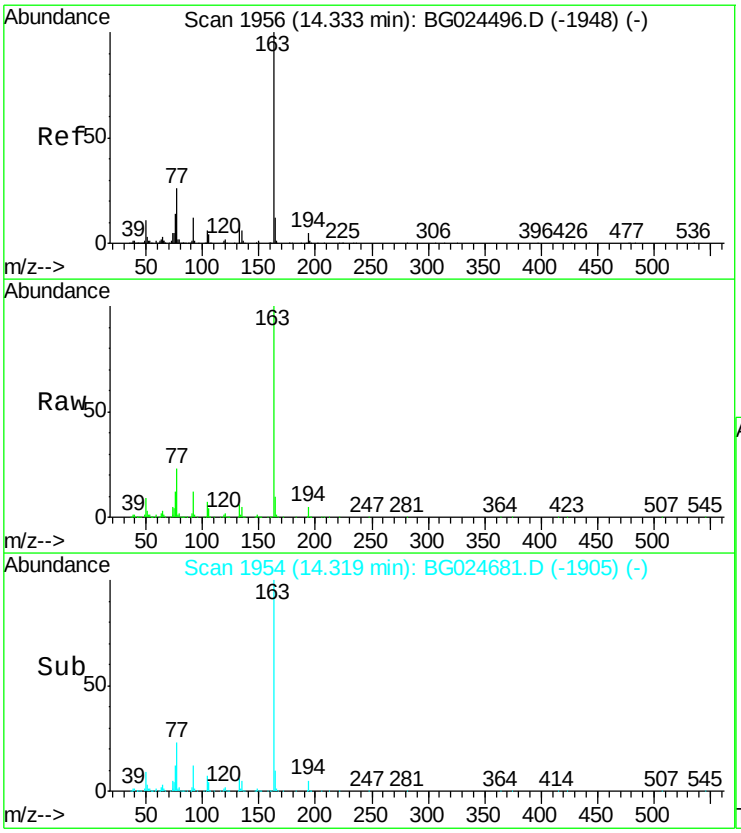
#44
2-Fluorobiphenyl
Concen: 85.81 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024681.D
Acq: 4 Nov 2016 14:00

Instrument :
BNA_G
ClientSampleId :
SB-87-15.5-16.0

Tgt Ion:172 Resp: 1580456

Ion	Ratio	Lower	Upper
172	100		
171	38.5	32.2	48.2
170	24.8	21.8	32.6

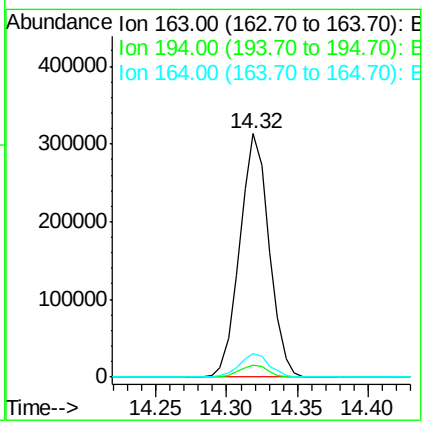


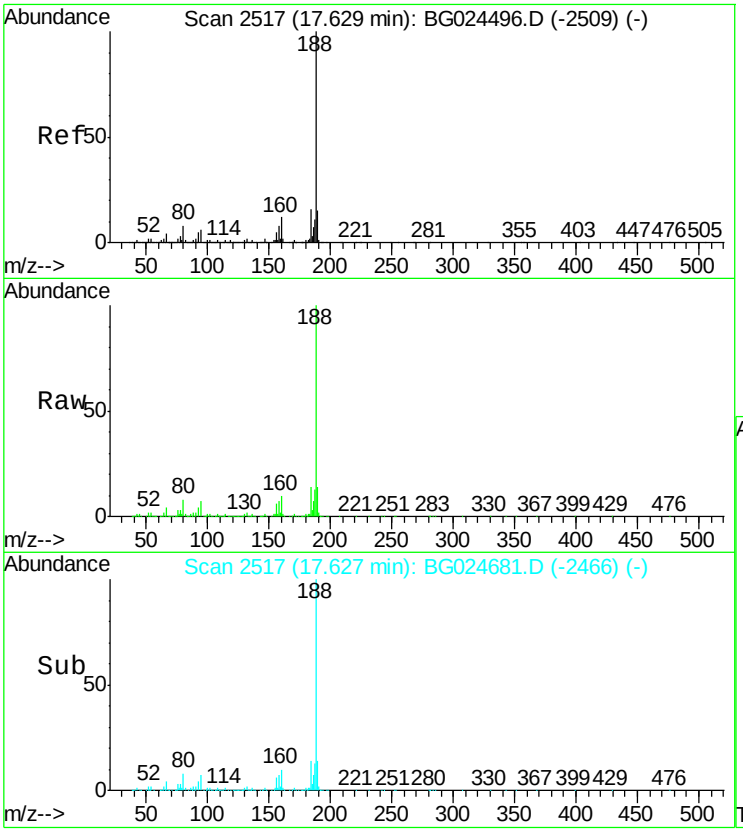


#49
Dimethylphthalate
Concen: 20.99 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG024681.D
Acq: 4 Nov 2016 14:00

Tgt Ion:163 Resp: 456199

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.8	5.6
164	9.5	9.3	13.9



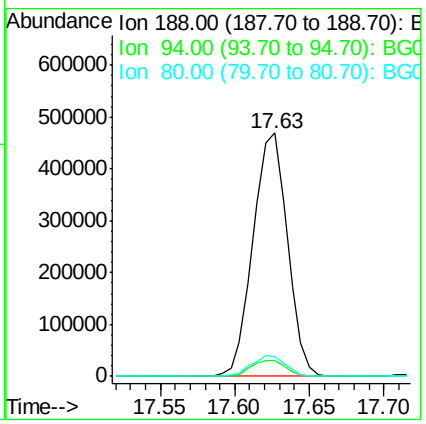


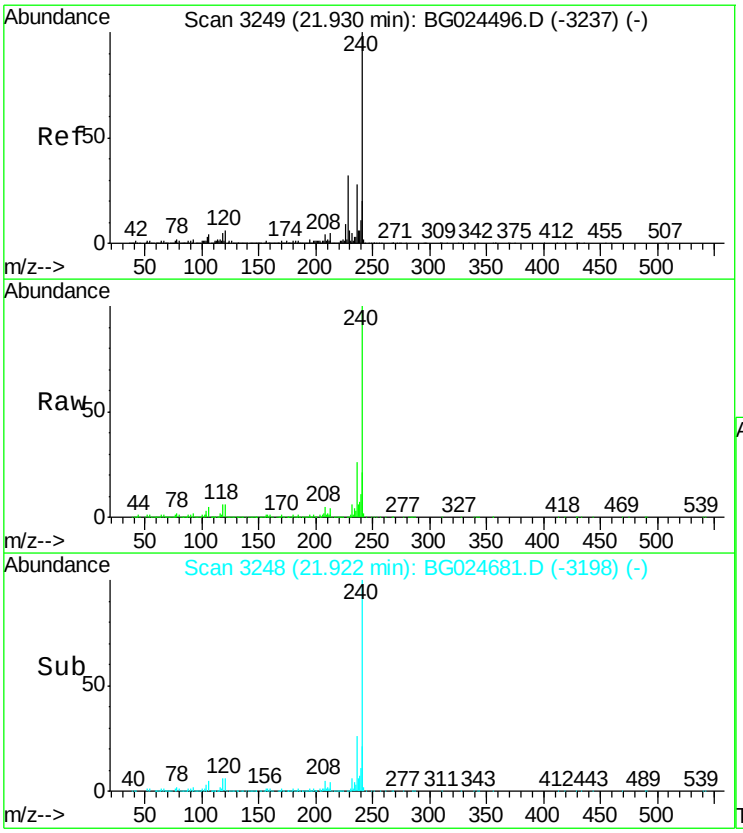
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024681.D
Acq: 4 Nov 2016 14:00

Instrument :
BNA_G
ClientSampleId :
SB-87-15.5-16.0

Tgt Ion:188 Resp: 745350

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.8	8.8
80	8.3	7.5	11.3

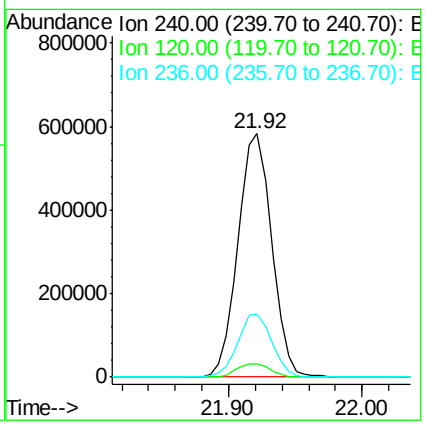


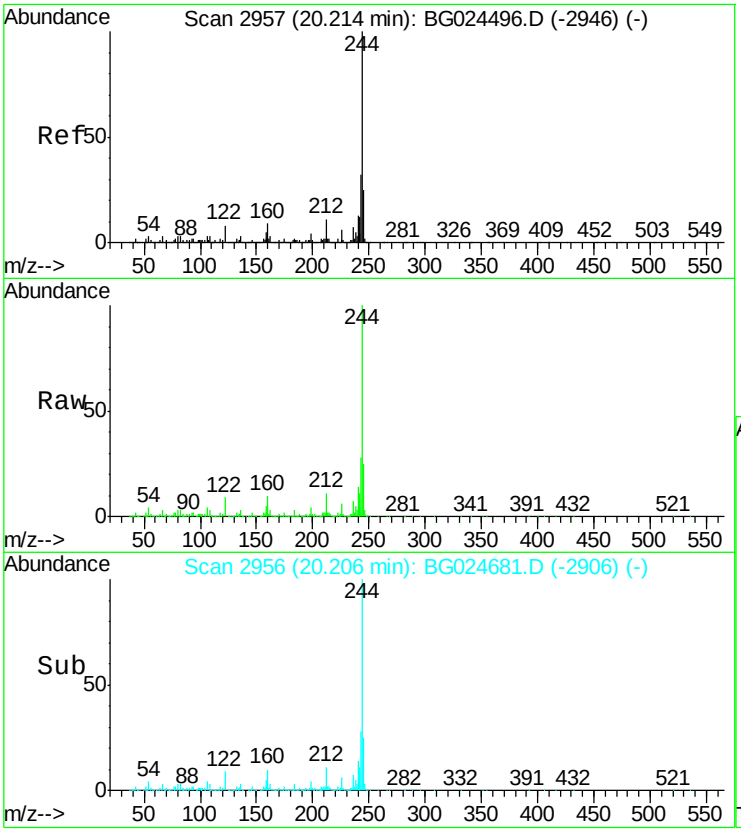


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG024681.D
Acq: 4 Nov 2016 14:00

Tgt Ion:240 Resp: 1018129

Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.7	8.5#
236	25.8	22.2	33.4



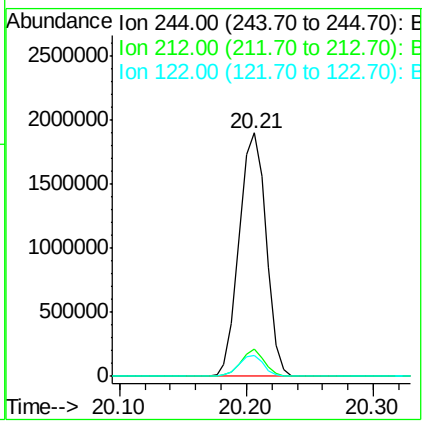


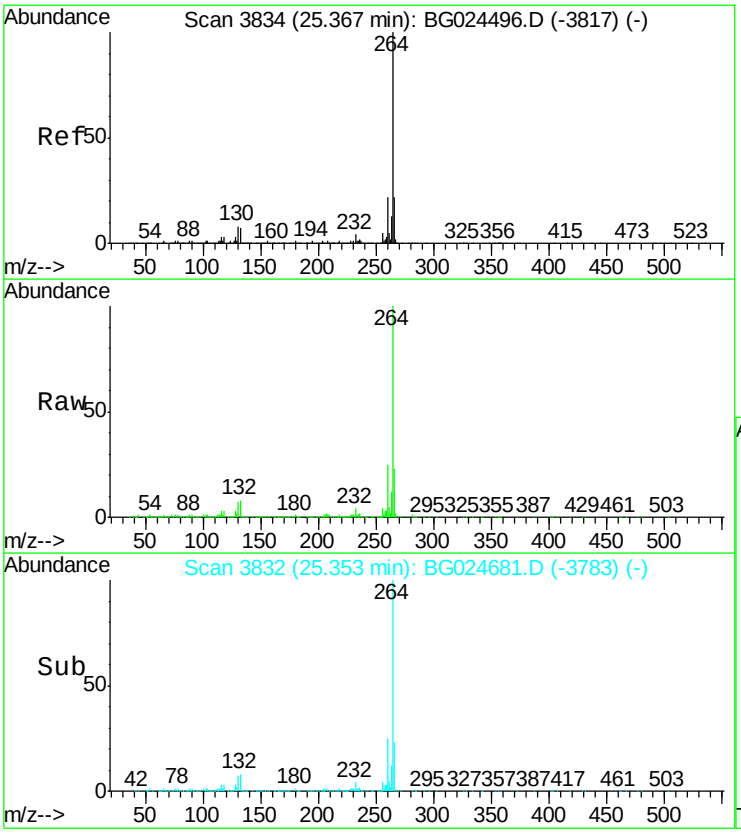
#78
Terphenyl-d14
Concen: 82.23 ng
RT: 20.21 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BG024681.D
Acq: 4 Nov 2016 14:00

Instrument :
BNA_G
ClientSampleId :
SB-87-15.5-16.0

Tgt Ion:244 Resp: 2801678

Ion	Ratio	Lower	Upper
244	100		
212	11.1	10.0	15.0
122	8.8	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: BG024681.D
Acq: 4 Nov 2016 14:00

Tgt Ion:264 Resp: 1048863

Ion	Ratio	Lower	Upper
264	100		
260	25.4	21.8	32.8
265	22.8	18.2	27.4