Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
Data File : BG024675.D
Acq On : 4 Nov 2016 10:10
Operator : UM/SJ
Sample : H5509-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-94-19.5-20.0

Quant Time: Nov 04 11:39:31 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	95247	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	386374	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	290173	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	661253	20.00	ng	0.00
75) Chrysene-d12	21.92	240	905240	20.00	ng	-0.01
86) Perylene-d12	25.35	264	937850	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	845488	145.49	ng	0.00
7) Phenol-d6	7.40	99	1206382	151.34	ng	0.00
23) Nitrobenzene-d5	9.44	82	849954	100.16	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	657558	151.68	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1629382	93.33	ng	0.00
78) Terphenyl-d14	20.21	244	2633998	86.95	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.43	94	21463	2.61	ng	# 75
49) Dimethylphthalate	14.32	163	670382	32.54	ng	98

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

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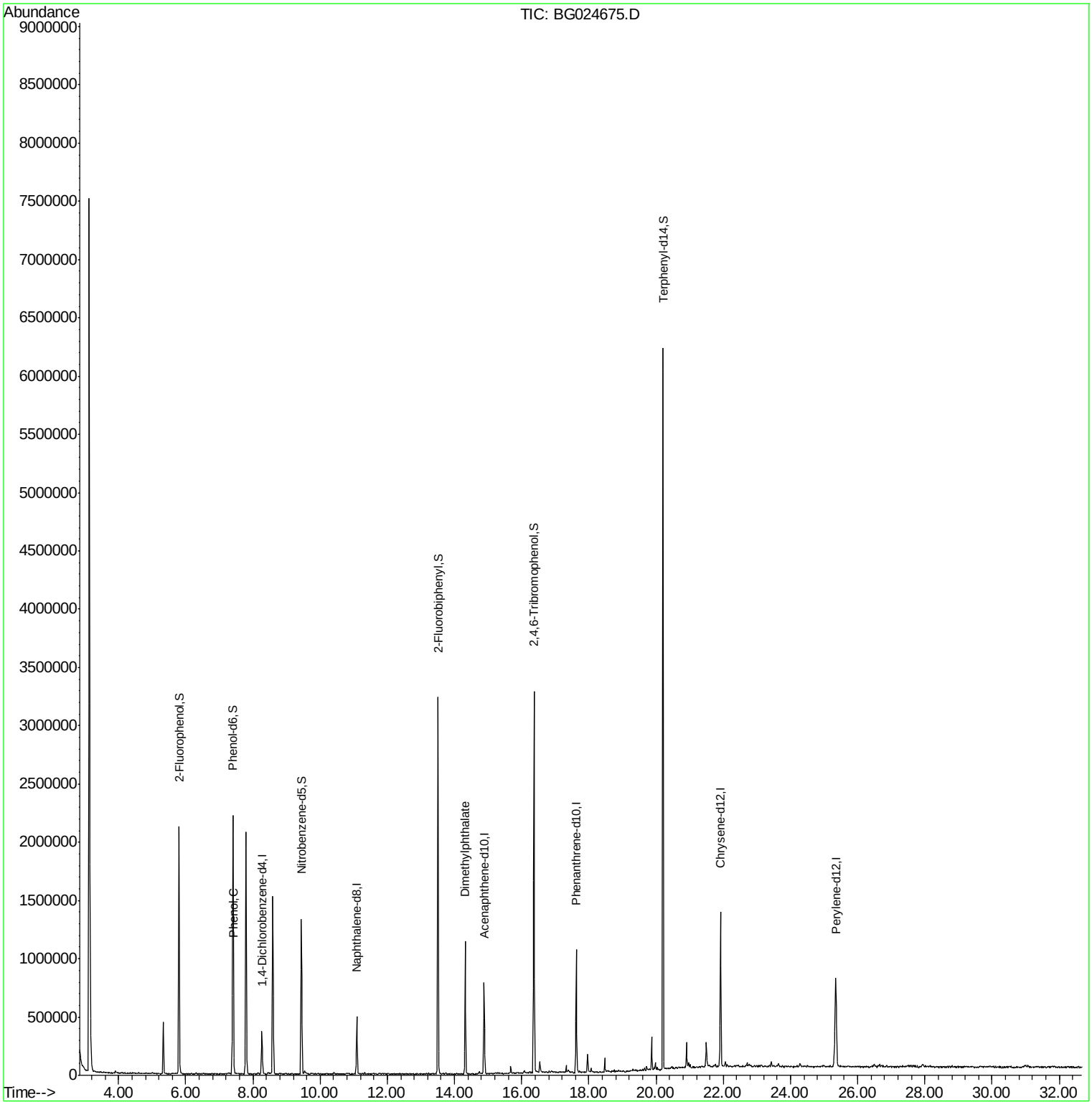
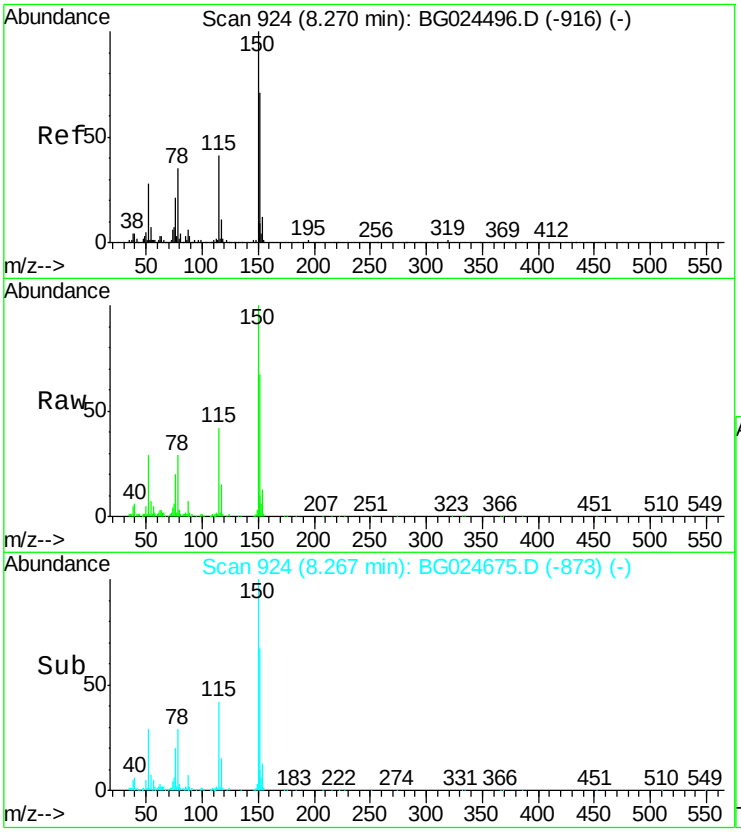


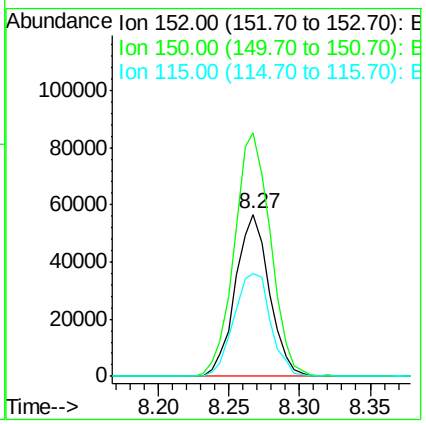


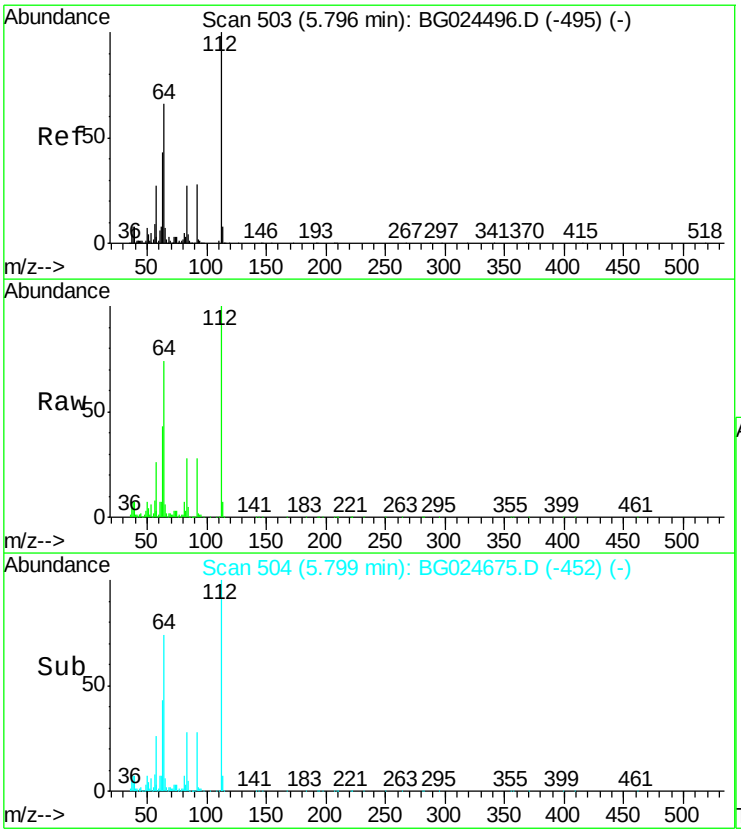
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG024675.D
Acq: 4 Nov 2016 10:10

Instrument :
BNA_G
ClientSampleId :
SB-94-19.5-20.0

Tgt Ion:152 Resp: 95247

Ion	Ratio	Lower	Upper
152	100		
150	150.0	114.0	171.0
115	63.4	48.1	72.1

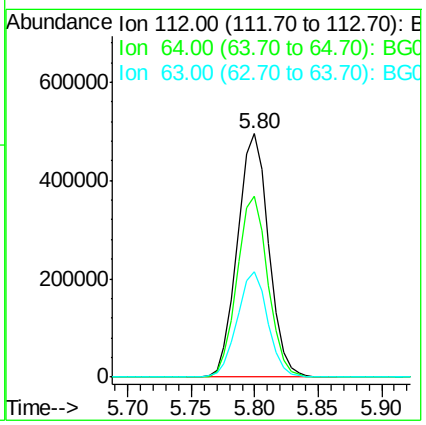


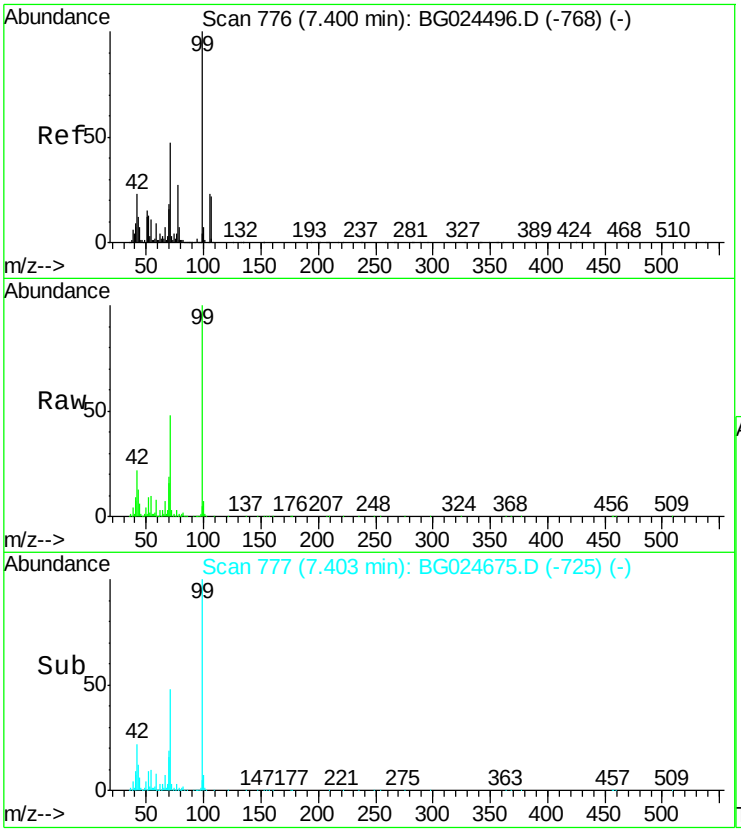


#5
2-Fluorophenol
Concen: 145.49 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.00 min
Lab File: BG024675.D
Acq: 4 Nov 2016 10:10

Tgt Ion:112 Resp: 845488

Ion	Ratio	Lower	Upper
112	100		
64	74.4	61.8	92.6
63	43.3	37.2	55.8



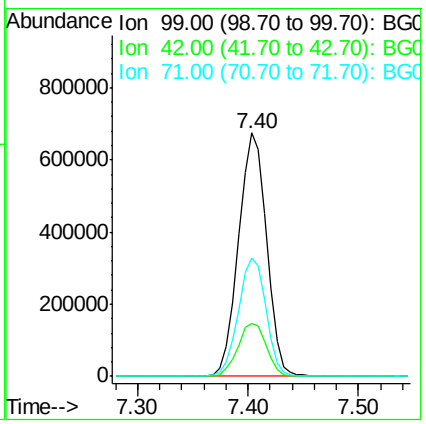


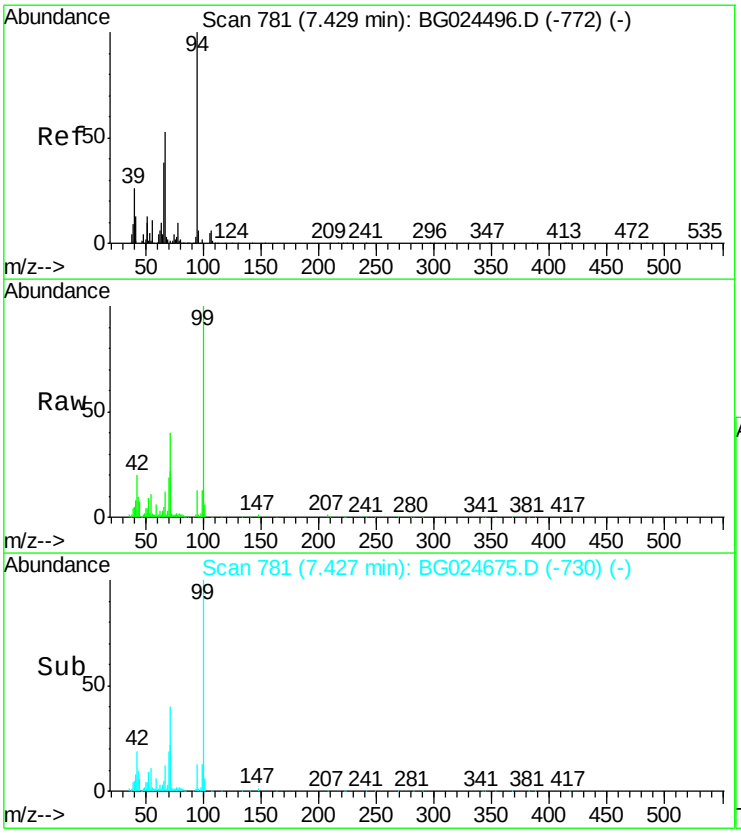
#7
Phenol-d6
Concen: 151.34 ng
RT: 7.40 min Scan# 777
Delta R.T. 0.00 min
Lab File: BG024675.D
Acq: 4 Nov 2016 10:10

Instrument :
BNA_G
ClientSampleId :
SB-94-19.5-20.0

Tgt Ion: 99 Resp: 1206382

Ion	Ratio	Lower	Upper
99	100		
42	21.8	20.5	30.7
71	48.4	37.6	56.4

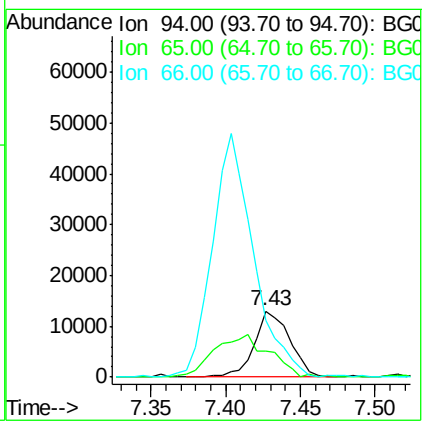


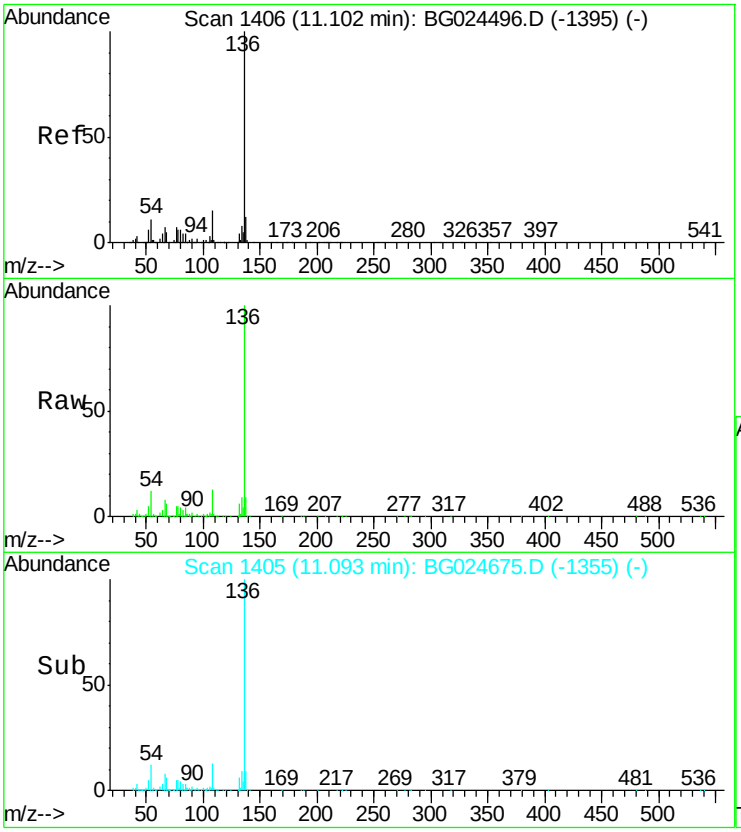


#10
Phenol
Concen: 2.61 ng
RT: 7.43 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG024675.D
Acq: 4 Nov 2016 10:10

Tgt Ion: 94 Resp: 21463

Ion	Ratio	Lower	Upper
94	100		
65	40.0	20.6	60.6
66	86.6	35.5	75.5#



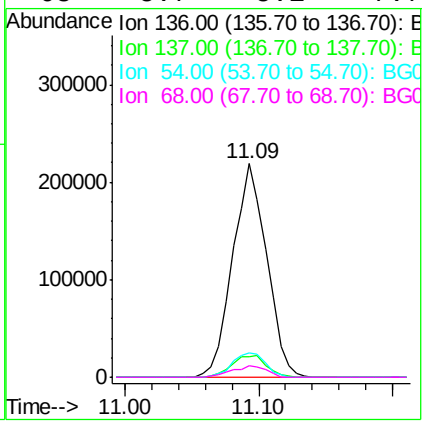


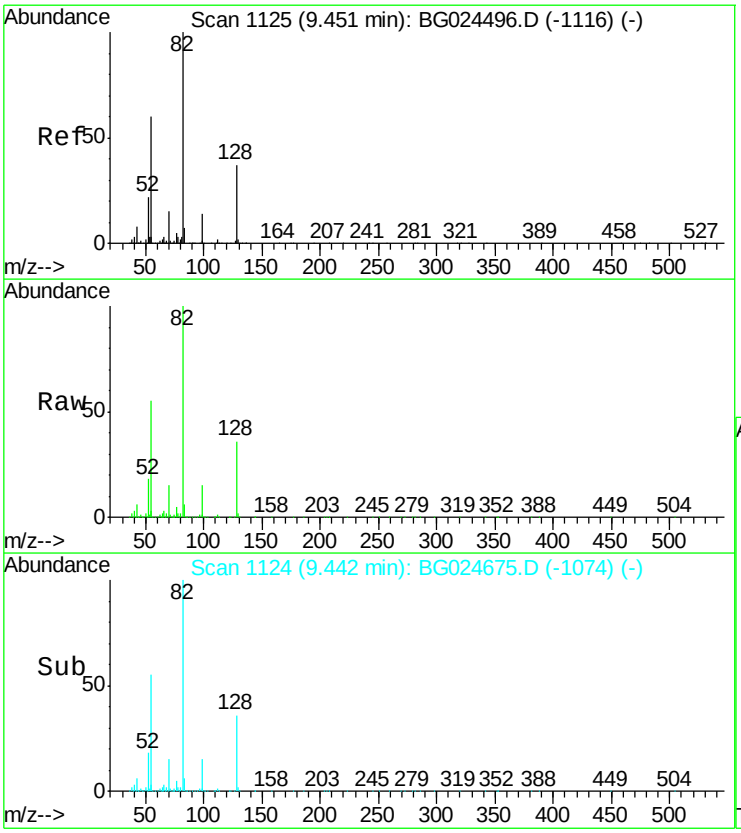
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024675.D
Acq: 4 Nov 2016 10:10

Instrument :
BNA_G
ClientSampleId :
SB-94-19.5-20.0

Tgt Ion:136 Resp: 386374

Ion	Ratio	Lower	Upper
136	100		
137	9.4	8.9	13.3
54	11.6	9.3	13.9
68	5.7	5.1	7.7

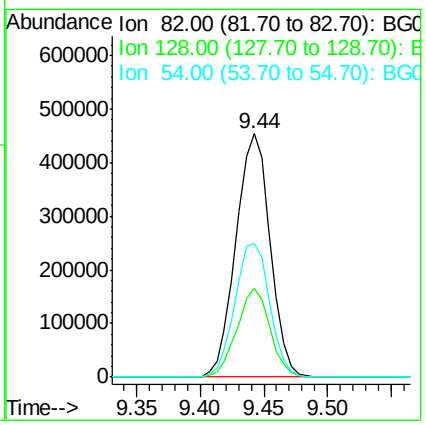


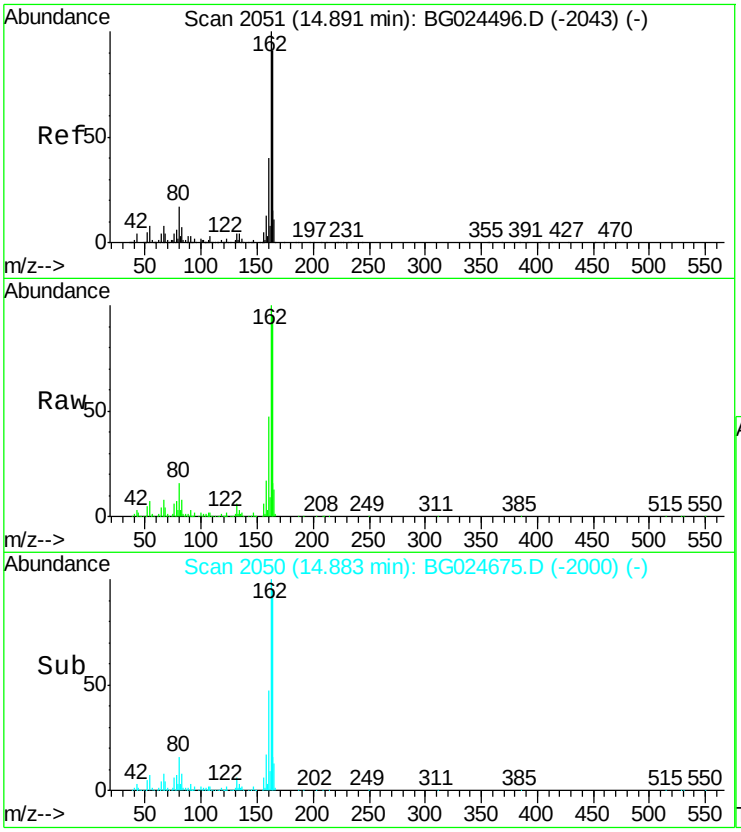


#23
Nitrobenzene-d5
Concen: 100.16 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024675.D
Acq: 4 Nov 2016 10:10

Tgt Ion: 82 Resp: 849954

Ion	Ratio	Lower	Upper
82	100		
128	36.4	26.4	39.6
54	54.7	49.4	74.2



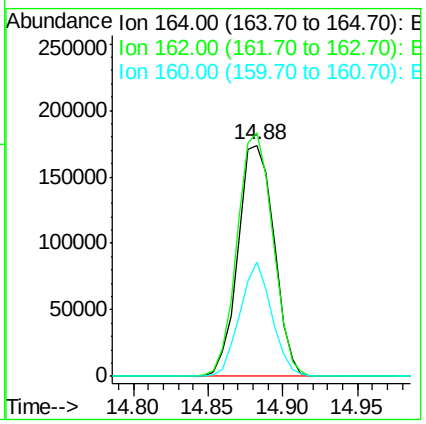


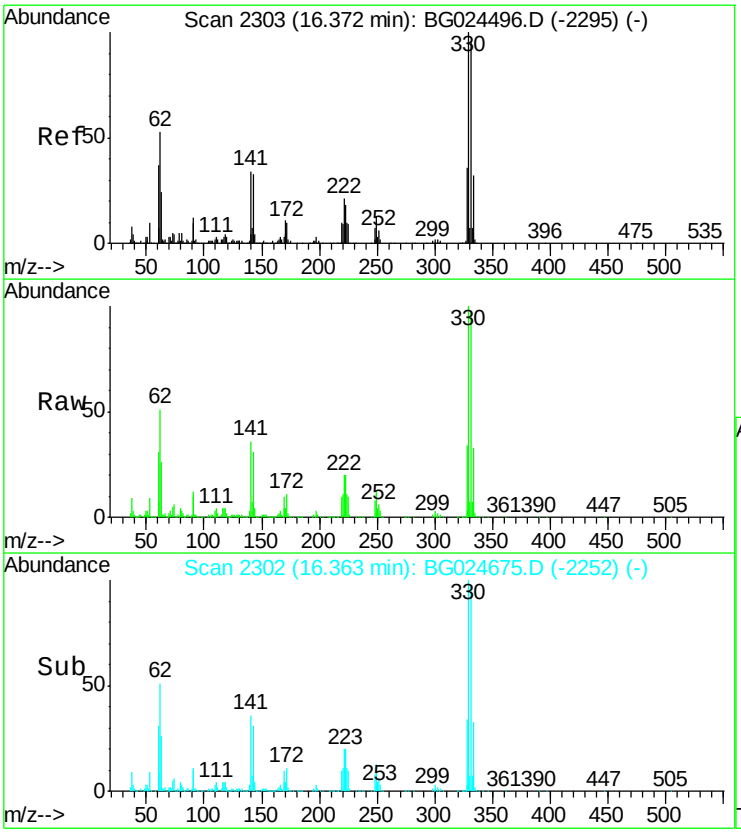
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024675.D
Acq: 4 Nov 2016 10:10

Instrument :
BNA_G
ClientSampleId :
SB-94-19.5-20.0

Tgt Ion:164 Resp: 290173

Ion	Ratio	Lower	Upper
164	100		
162	105.3	85.1	127.7
160	49.6	34.7	52.1

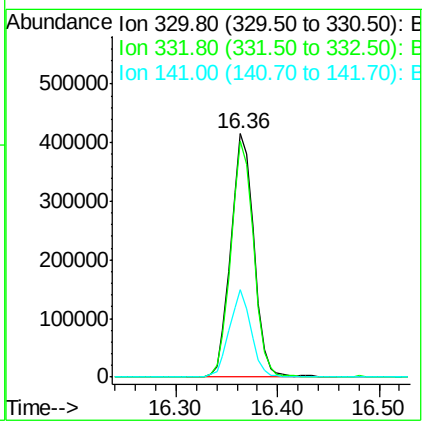


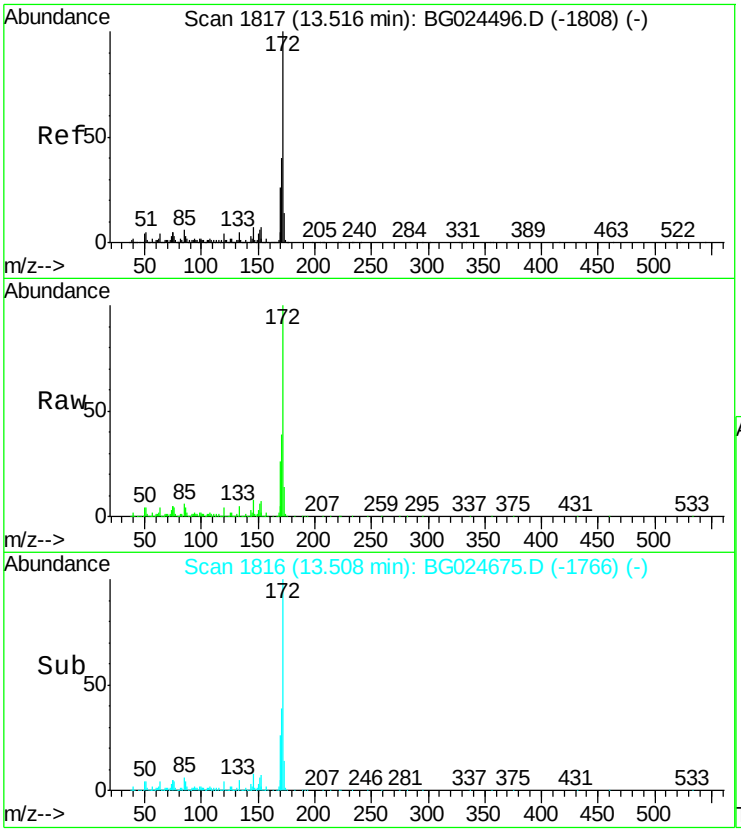


#41
2,4,6-Tribromophenol
Concen: 151.68 ng
RT: 16.36 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG024675.D
Acq: 4 Nov 2016 10:10

Tgt Ion:330 Resp: 657558

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.3	115.9
141	33.8	32.1	48.1



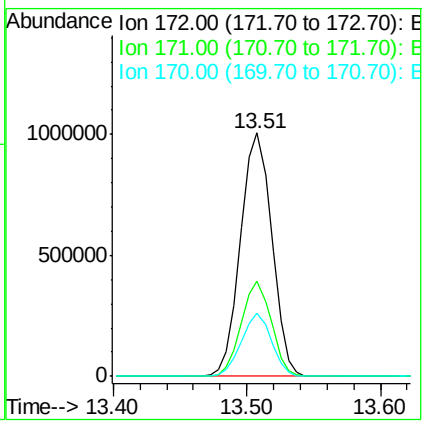


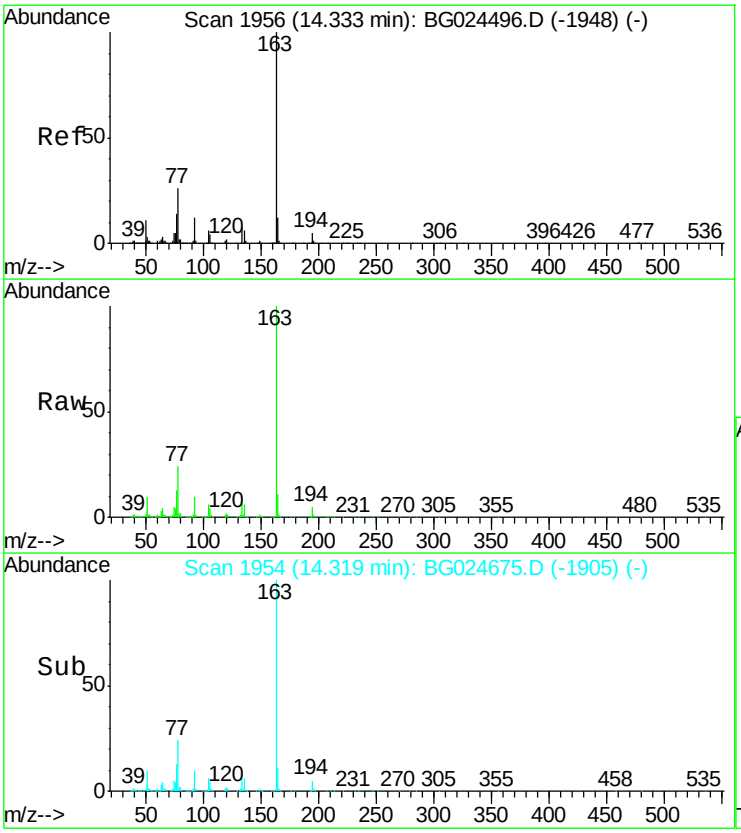
#44
2-Fluorobiphenyl
Concen: 93.33 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024675.D
Acq: 4 Nov 2016 10:10

Instrument :
BNA_G
ClientSampleId :
SB-94-19.5-20.0

Tgt Ion:172 Resp: 1629382

Ion	Ratio	Lower	Upper
172	100		
171	39.2	32.2	48.2
170	26.1	21.8	32.6

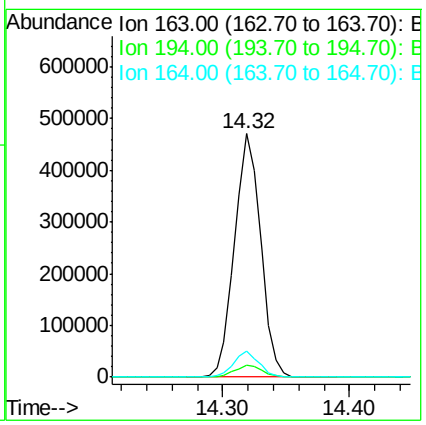


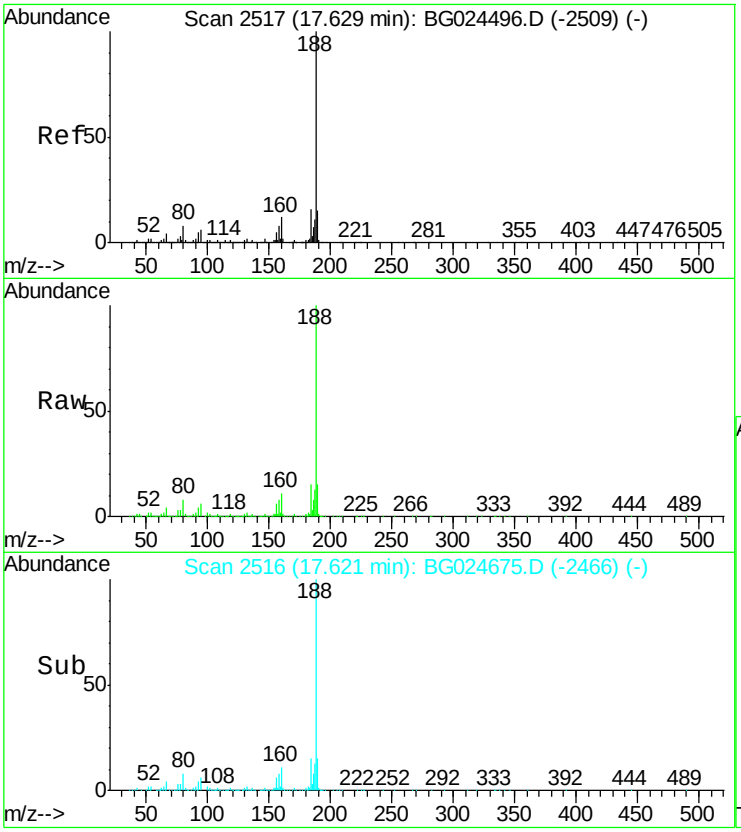


#49
Dimethylphthalate
Concen: 32.54 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG024675.D
Acq: 4 Nov 2016 10:10

Tgt Ion:163 Resp: 670382

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.8	5.6
164	10.9	9.3	13.9



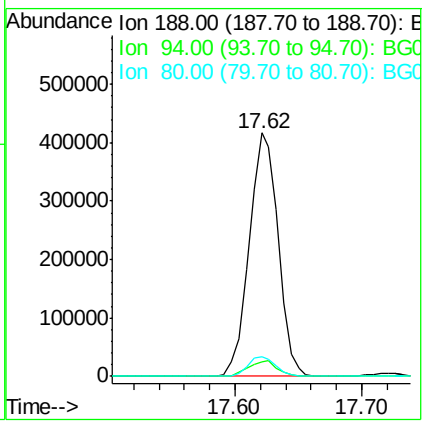


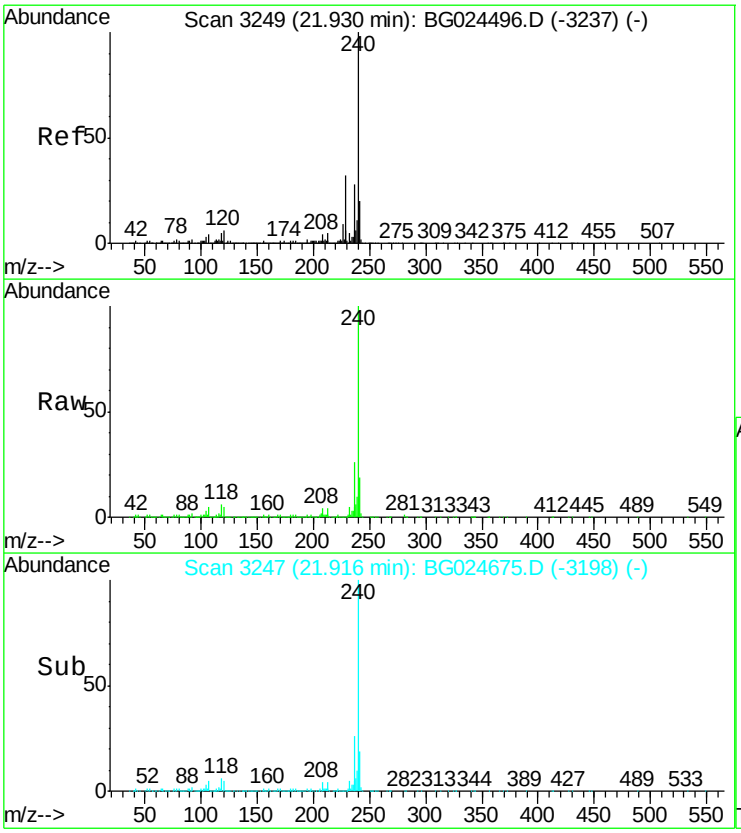
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024675.D
Acq: 4 Nov 2016 10:10

Instrument :
BNA_G
ClientSampleId :
SB-94-19.5-20.0

Tgt Ion:188 Resp: 661253

Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.8	8.8
80	7.9	7.5	11.3

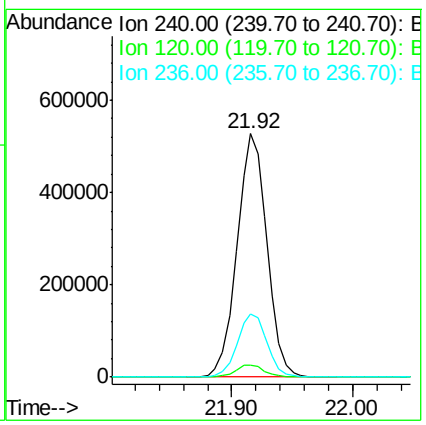


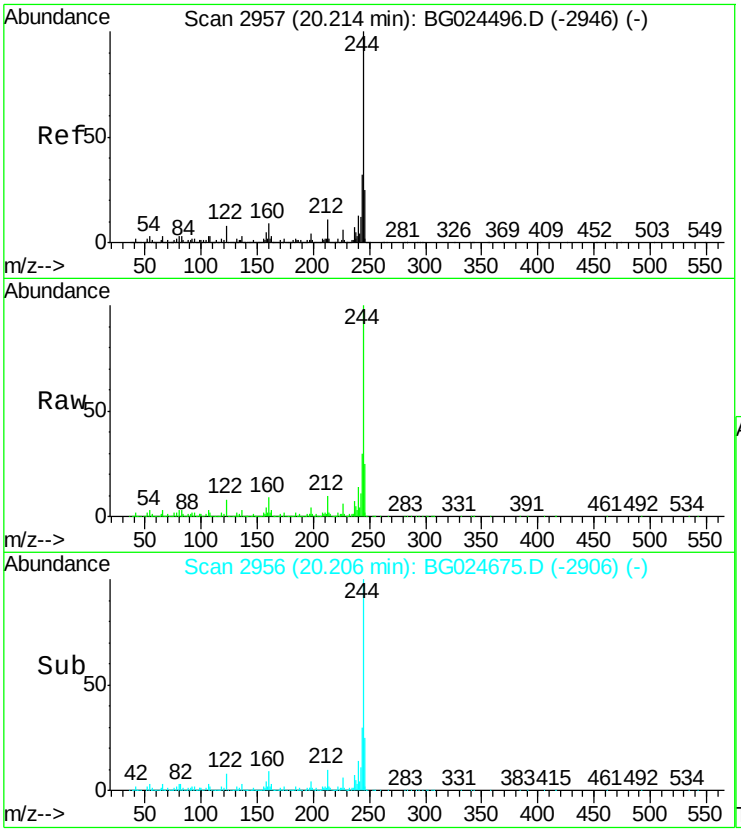


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024675.D
Acq: 4 Nov 2016 10:10

Tgt Ion:240 Resp: 905240

Ion	Ratio	Lower	Upper
240	100		
120	5.1	5.7	8.5#
236	26.0	22.2	33.4



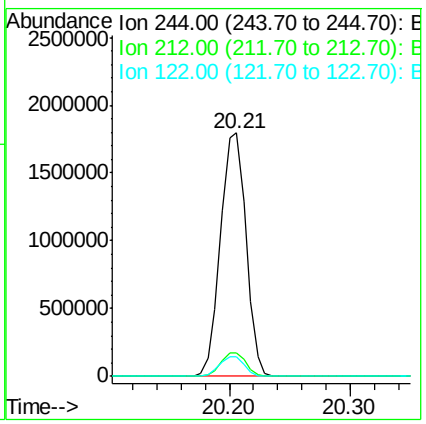


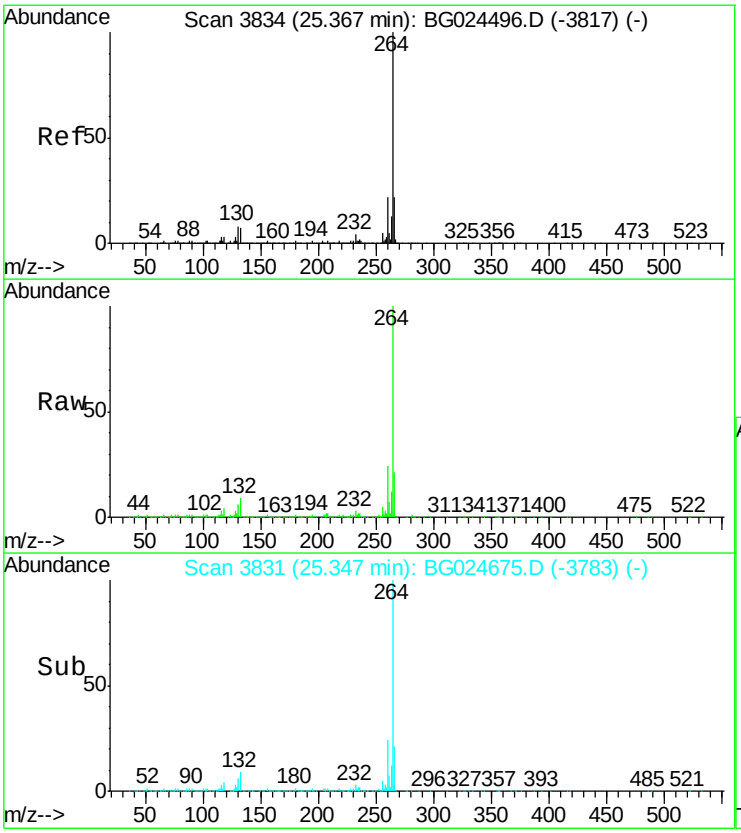
#78
Terphenyl-d14
Concen: 86.95 ng
RT: 20.21 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BG024675.D
Acq: 4 Nov 2016 10:10

Instrument :
BNA_G
ClientSampleId :
SB-94-19.5-20.0

Tgt Ion:244 Resp: 2633998

Ion	Ratio	Lower	Upper
244	100		
212	9.8	10.0	15.0#
122	8.0	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: BG024675.D
Acq: 4 Nov 2016 10:10

Tgt Ion:264 Resp: 937850

Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.8	32.8
265	20.8	18.2	27.4