Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091217\
Data File : BG028678.D
Acq On : 12 Sep 2017 20:30
Operator : SJ/JU
Sample : I5172-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S32-9021

Quant Time: Sep 13 04:04:00 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	28940	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	111958	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	83588	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	245980	20.00	ng	0.00
75) Chrysene-d12	22.02	240	285228	20.00	ng	0.00
86) Perylene-d12	25.53	264	295428	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	185817	105.95	ng	0.00
7) Phenol-d6	7.49	99	254591	96.41	ng	0.00
23) Nitrobenzene-d5	9.50	82	157427	67.27	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	167027	120.82	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	404101	64.46	ng	0.00
78) Terphenyl-d14	20.28	244	822645	61.51	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.51	94	8937	3.207	ng	# 71
49) Dimethylphthalate	14.37	163	48963	6.985	ng	98

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

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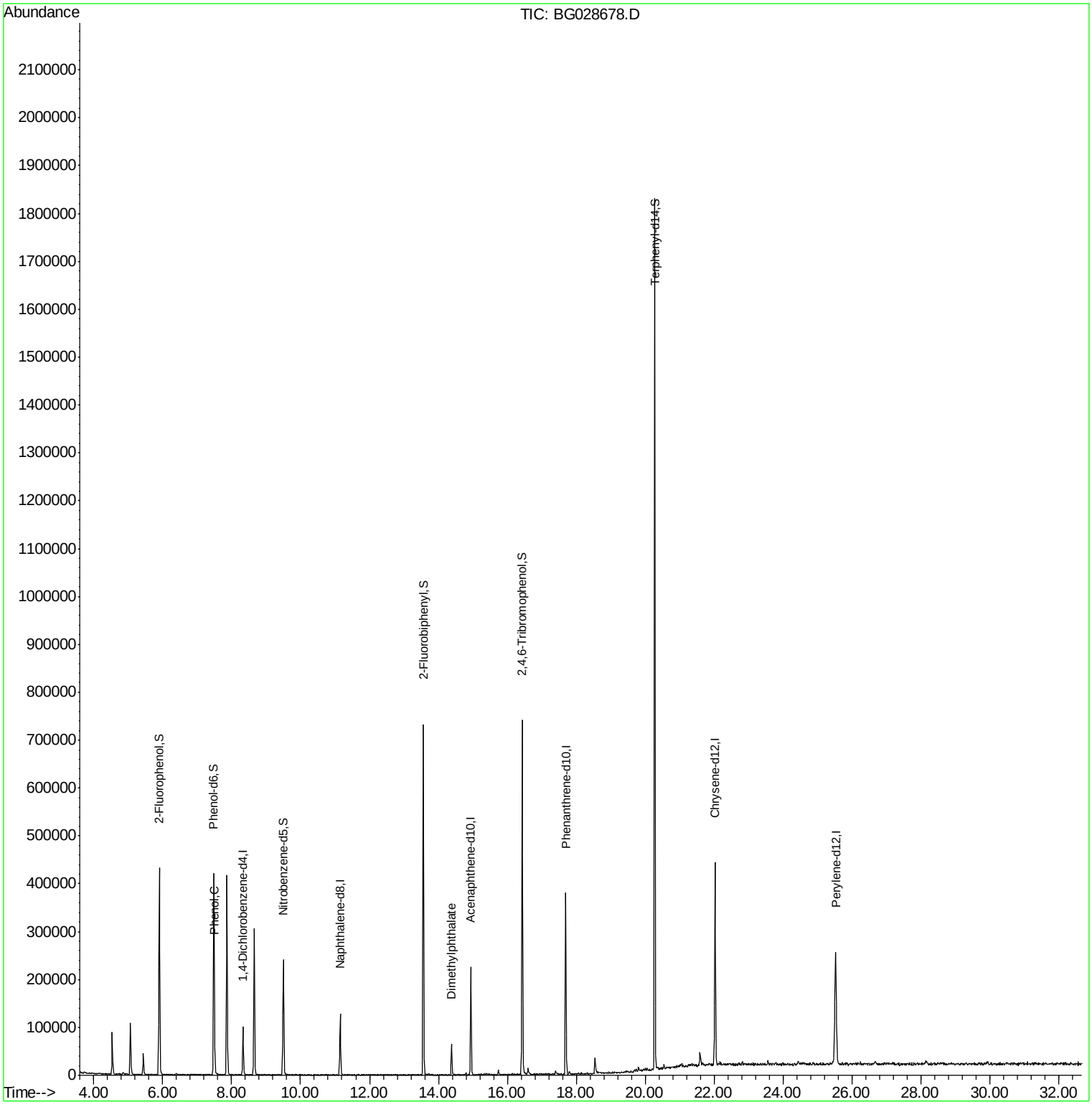
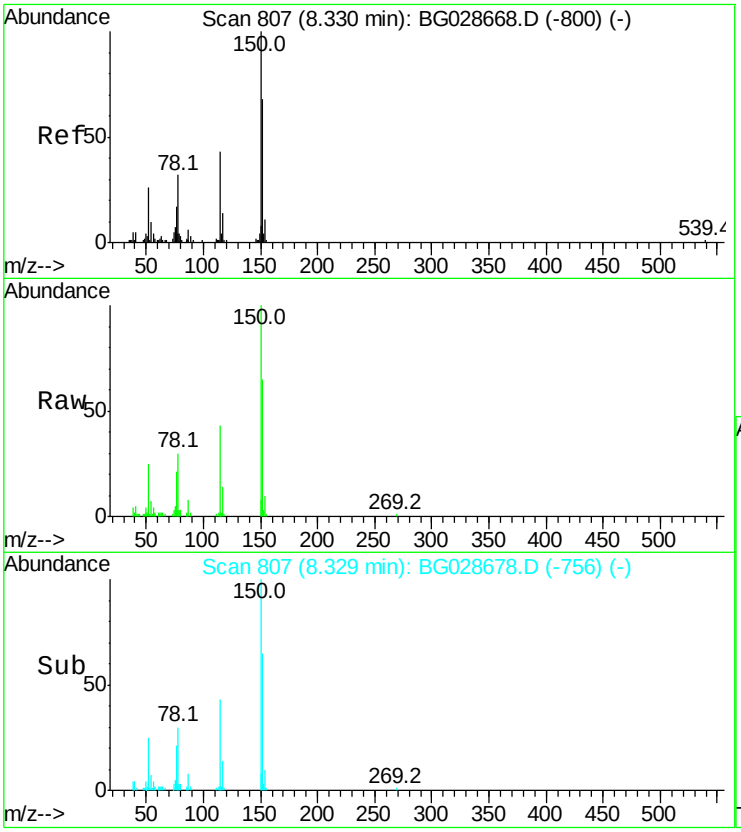


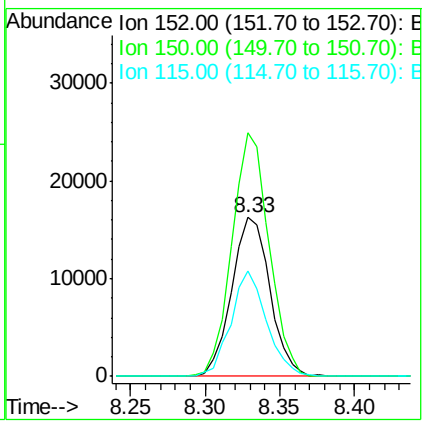


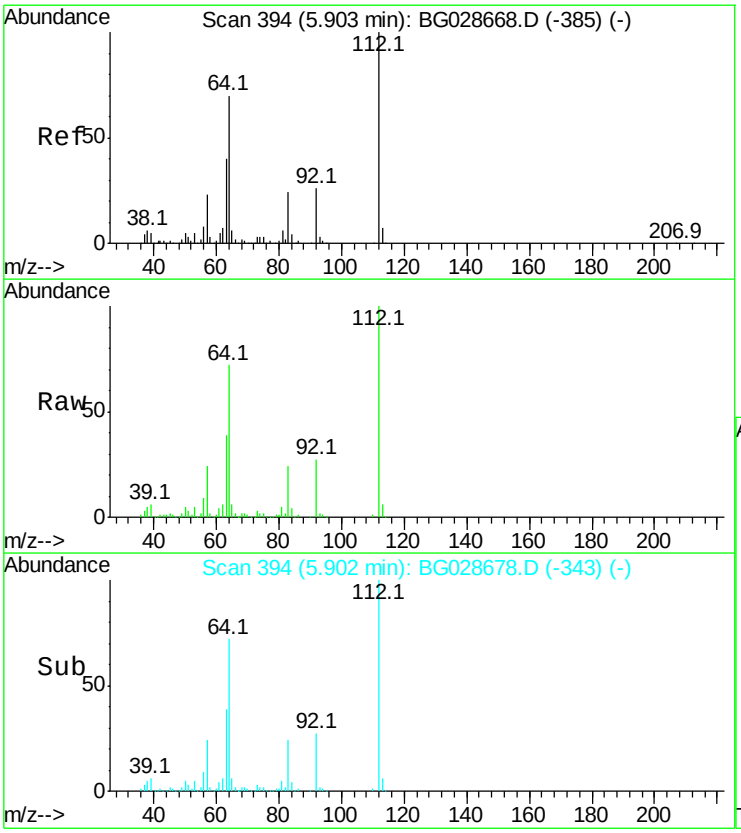
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG028678.D
Acq: 12 Sep 2017 20:30

Instrument :
BNA_G
ClientSampleId :
S32-9021

Tgt Ion:152 Resp: 28940

Ion	Ratio	Lower	Upper
152	100		
150	153.4	114.0	171.0
115	66.4	48.1	72.1

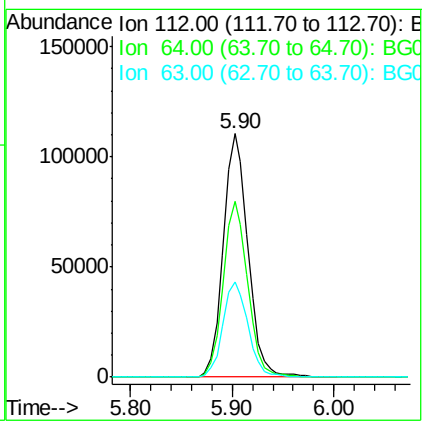


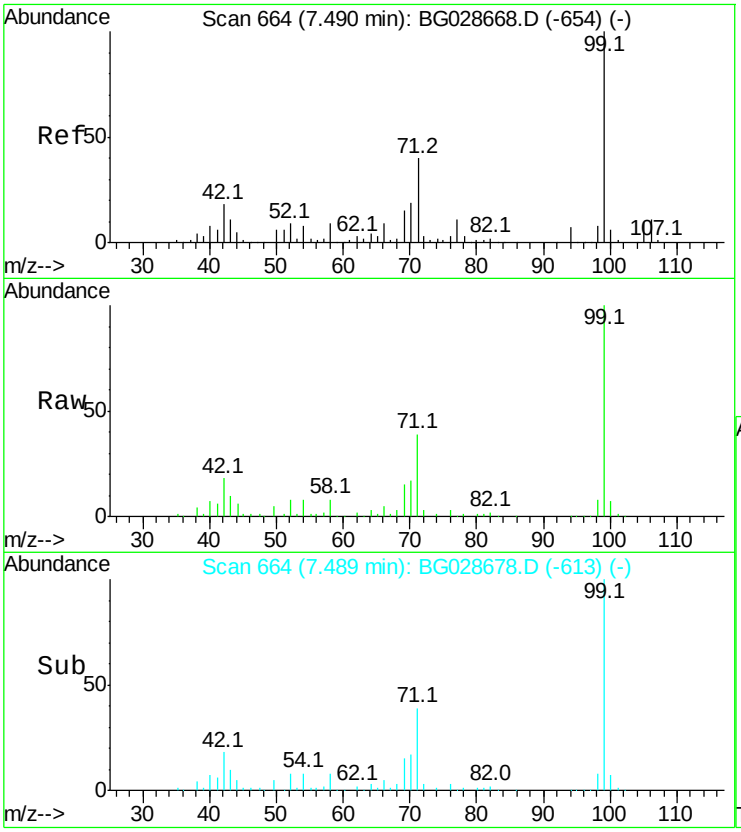


#5
2-Fluorophenol
Concen: 105.946 ng
RT: 5.90 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG028678.D
Acq: 12 Sep 2017 20:30

Tgt Ion:112 Resp: 185817

Ion	Ratio	Lower	Upper
112	100		
64	72.2	61.8	92.6
63	39.0	37.2	55.8



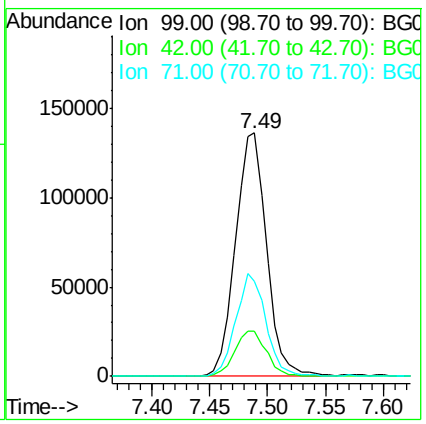


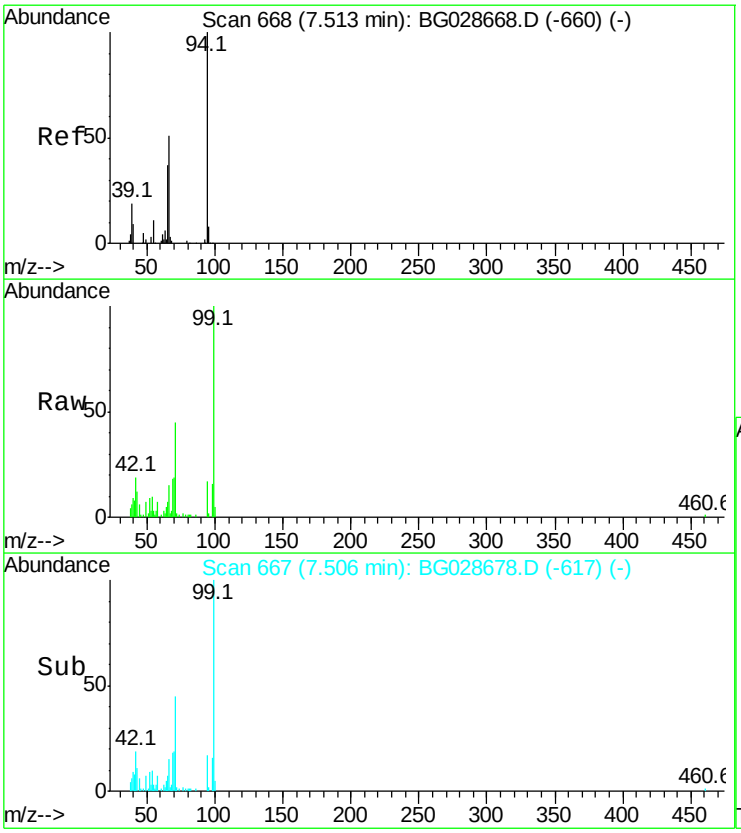
#7
Phenol-d6
Concen: 96.411 ng
RT: 7.49 min Scan# 664
Delta R.T. -0.00 min
Lab File: BG028678.D
Acq: 12 Sep 2017 20:30

Instrument :
BNA_G
ClientSampleId :
S32-9021

Tgt Ion: 99 Resp: 254591

Ion	Ratio	Lower	Upper
99	100		
42	18.4	20.5	30.7#
71	39.3	37.6	56.4

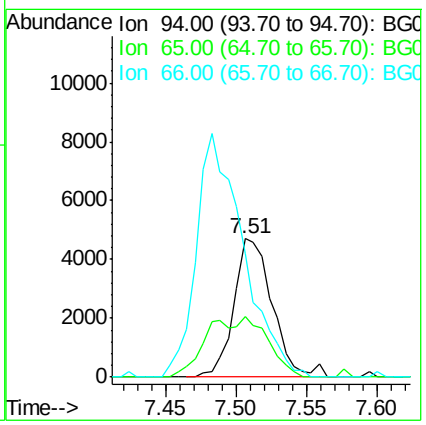


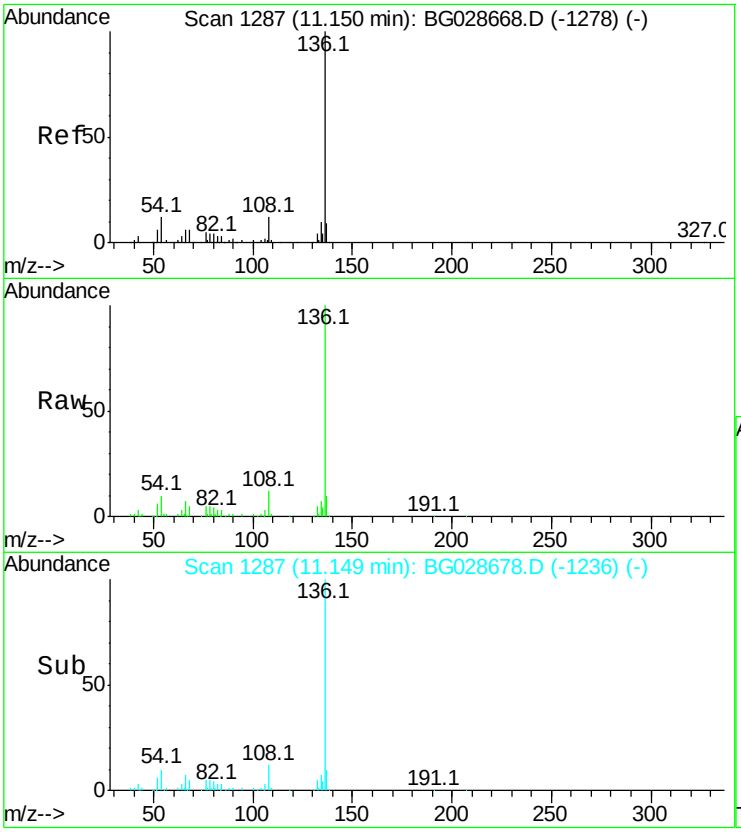


#10
Phenol
Concen: 3.207 ng
RT: 7.51 min Scan# 667
Delta R.T. -0.01 min
Lab File: BG028678.D
Acq: 12 Sep 2017 20:30

Tgt Ion: 94 Resp: 8937

Ion	Ratio	Lower	Upper
94	100		
65	44.0	20.6	60.6
66	89.5	35.5	75.5#



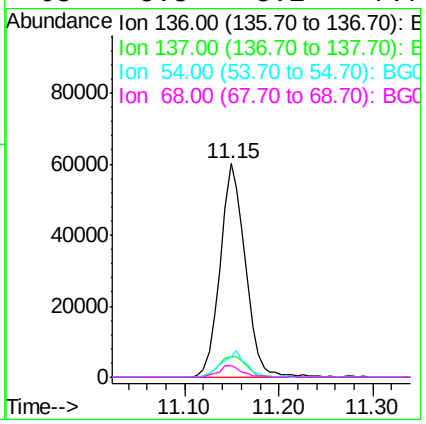


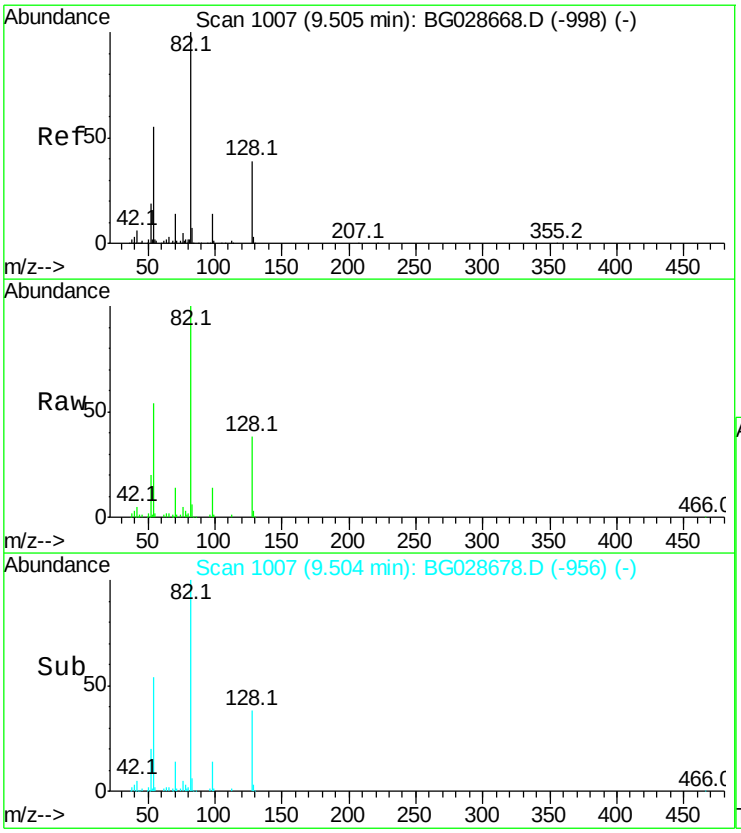
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG028678.D
Acq: 12 Sep 2017 20:30

Instrument :
BNA_G
ClientSampleId :
S32-9021

Tgt Ion:136 Resp: 111958

Ion	Ratio	Lower	Upper
136	100		
137	9.7	8.9	13.3
54	9.6	9.3	13.9
68	5.3	5.1	7.7

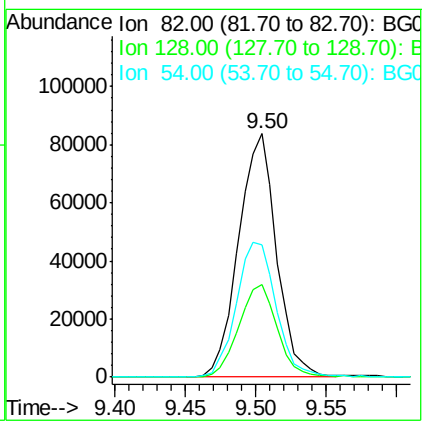


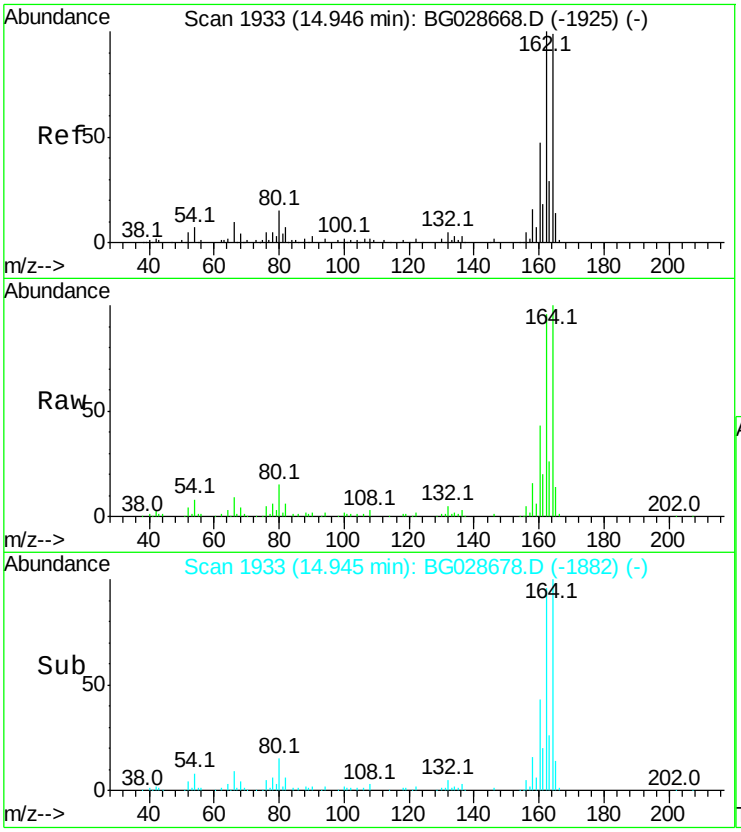


#23
Nitrobenzene-d5
Concen: 67.265 ng
RT: 9.50 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG028678.D
Acq: 12 Sep 2017 20:30

Tgt Ion: 82 Resp: 157427

Ion	Ratio	Lower	Upper
82	100		
128	38.1	26.4	39.6
54	54.2	49.4	74.2



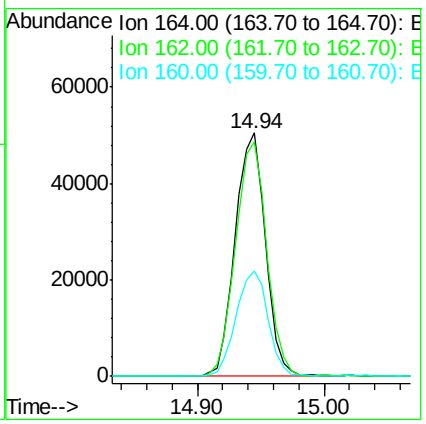


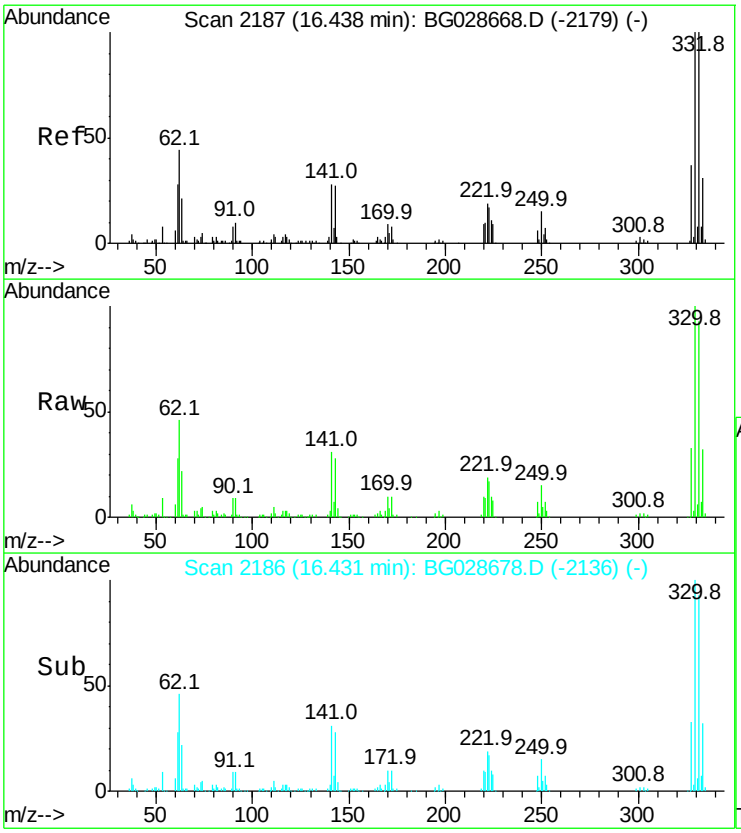
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BG028678.D
Acq: 12 Sep 2017 20:30

Instrument :
BNA_G
ClientSampleId :
S32-9021

Tgt Ion:164 Resp: 83588

Ion	Ratio	Lower	Upper
164	100		
162	96.4	85.1	127.7
160	43.5	34.7	52.1

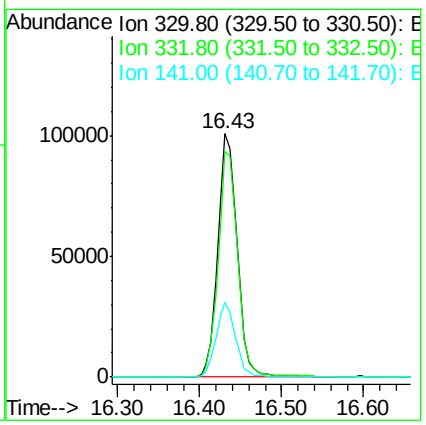


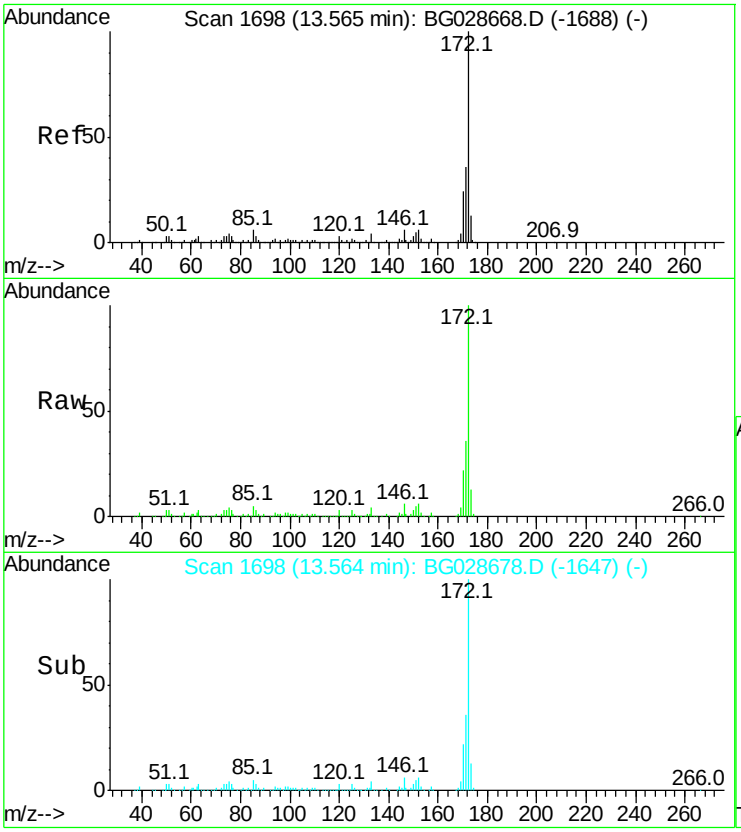


#41
2,4,6-Tribromophenol
Concen: 120.816 ng
RT: 16.43 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BG028678.D
Acq: 12 Sep 2017 20:30

Tgt Ion:330 Resp: 167027

Ion	Ratio	Lower	Upper
330	100		
332	92.2	77.3	115.9
141	30.9	32.1	48.1#



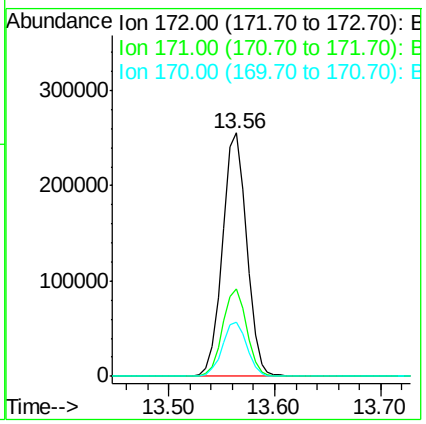


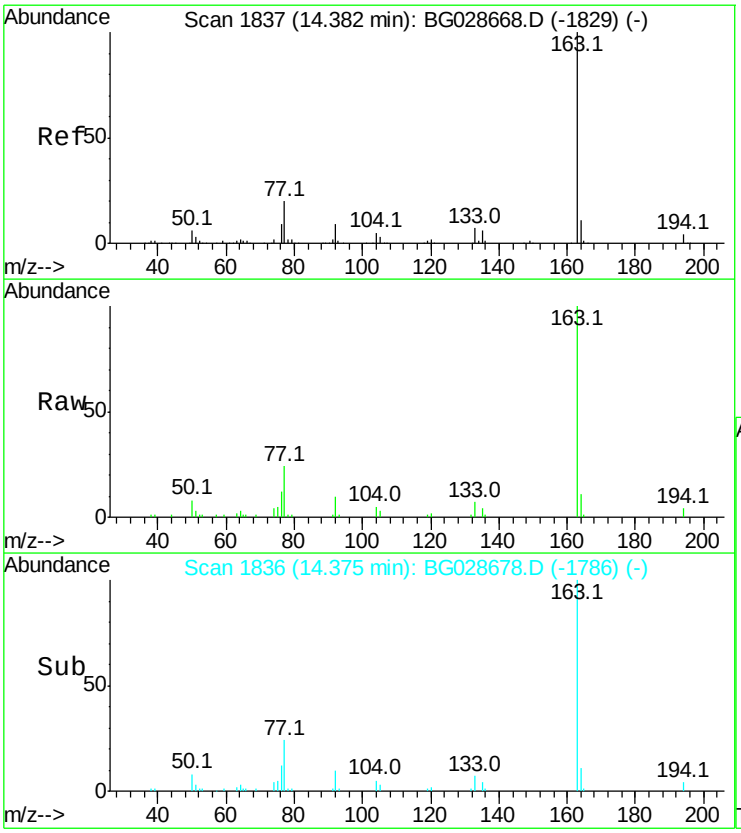
#44
2-Fluorobiphenyl
Concen: 64.463 ng
RT: 13.56 min Scan# 1698
Delta R.T. -0.00 min
Lab File: BG028678.D
Acq: 12 Sep 2017 20:30

Instrument :
BNA_G
ClientSampleId :
S32-9021

Tgt Ion:172 Resp: 404101

Ion	Ratio	Lower	Upper
172	100		
171	36.0	32.2	48.2
170	22.3	21.8	32.6

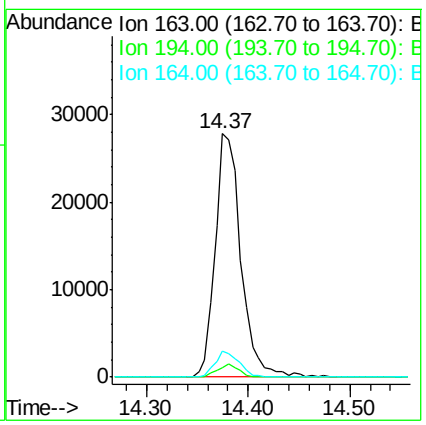


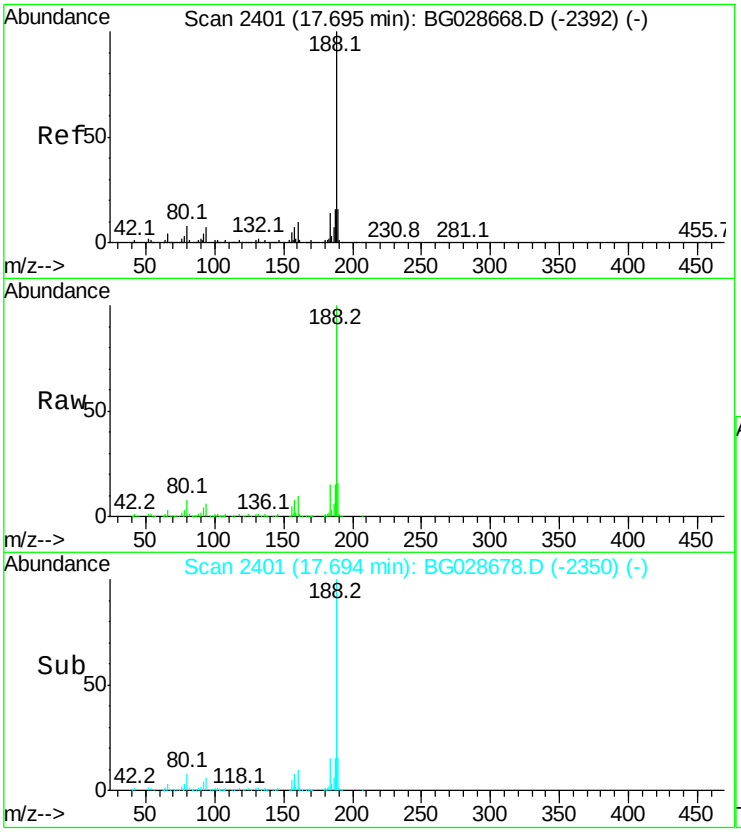


#49
Dimethylphthalate
Concen: 6.985 ng
RT: 14.37 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BG028678.D
Acq: 12 Sep 2017 20:30

Tgt Ion:163 Resp: 48963

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.8	5.6
164	10.7	9.3	13.9



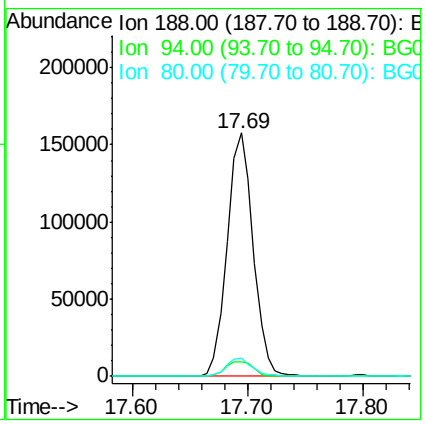


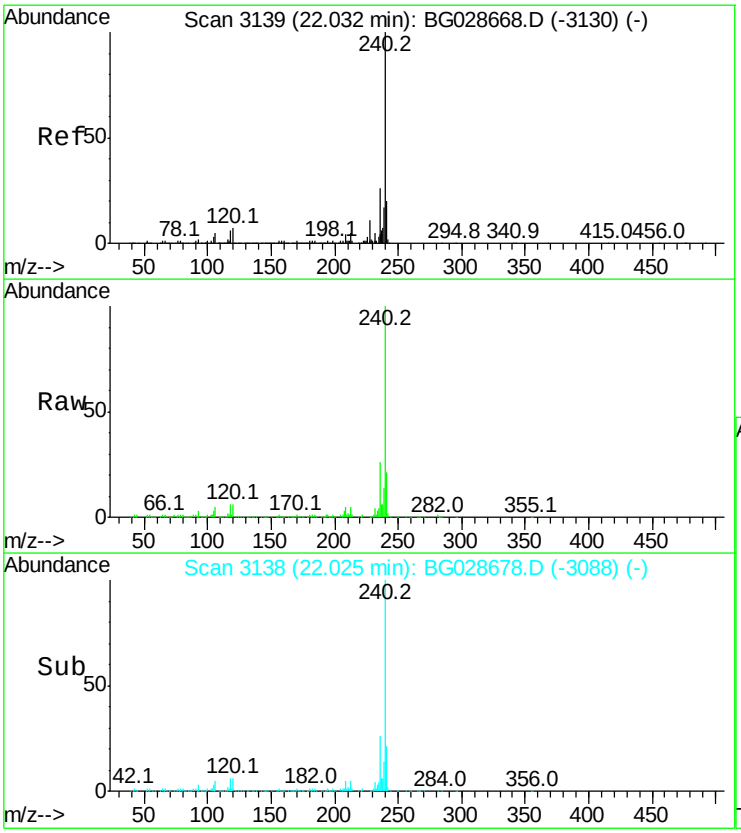
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.69 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG028678.D
Acq: 12 Sep 2017 20:30

Instrument :
BNA_G
ClientSampleId :
S32-9021

Tgt Ion:188 Resp: 245980

Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.8	8.8
80	7.7	7.5	11.3

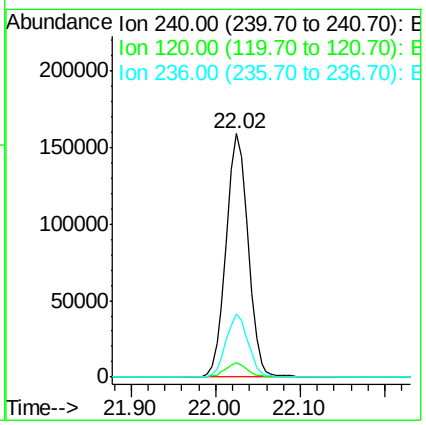


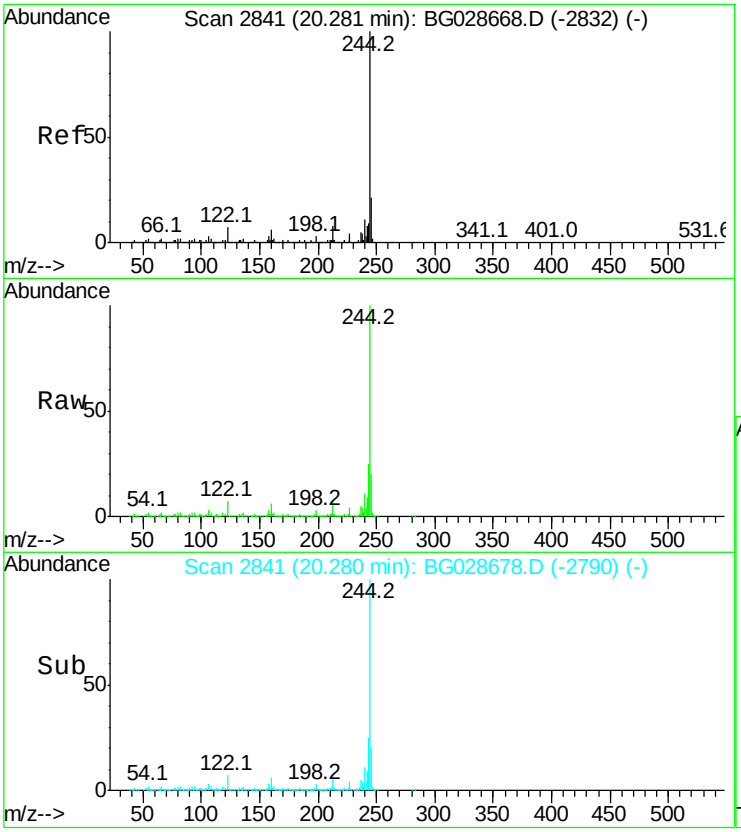


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.02 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG028678.D
Acq: 12 Sep 2017 20:30

Tgt Ion:240 Resp: 285228

Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.7	8.5
236	25.7	22.2	33.4



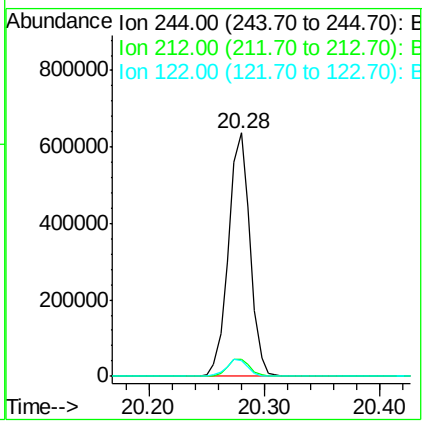


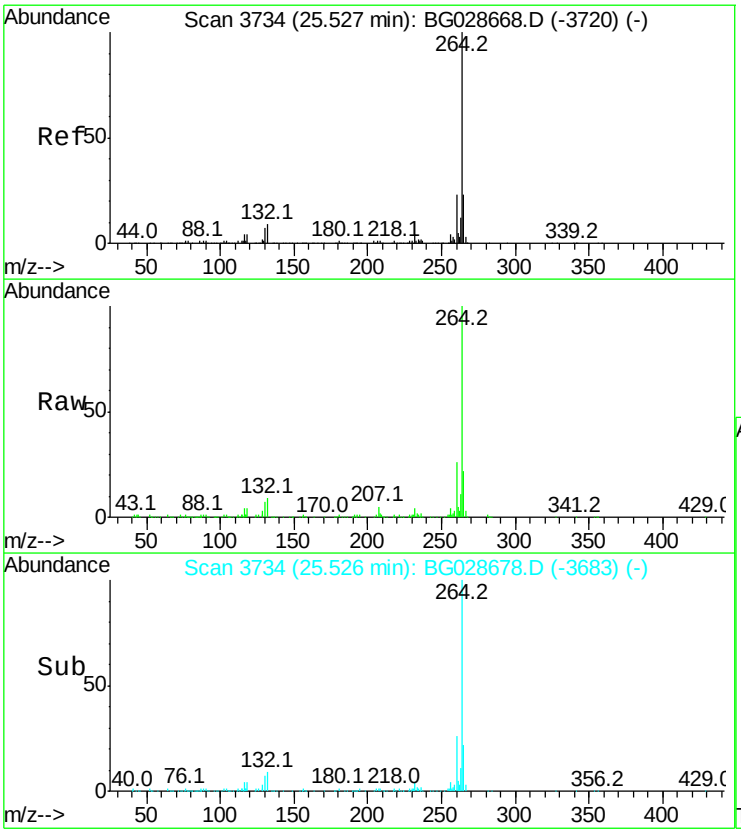
#78
Terphenyl-d14
Concen: 61.507 ng
RT: 20.28 min Scan# 2841
Delta R.T. -0.00 min
Lab File: BG028678.D
Acq: 12 Sep 2017 20:30

Instrument :
BNA_G
ClientSampleId :
S32-9021

Tgt Ion:244 Resp: 822645

Ion	Ratio	Lower	Upper
244	100		
212	7.3	10.0	15.0#
122	6.7	8.6	12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.53 min Scan# 3734
Delta R.T. -0.00 min
Lab File: BG028678.D
Acq: 12 Sep 2017 20:30

Tgt Ion:264 Resp: 295428

Ion	Ratio	Lower	Upper
264	100		
260	26.0	21.8	32.8
265	22.3	18.2	27.4