Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
Data File : BG034142.D
Acq On : 3 May 2018 8:53
Operator : SJ/JU
Sample : J2665-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ES-RT-2655

Quant Time: May 03 11:57:53 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 19:08:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	76636	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	307236	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	235200	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	645717	20.00	ng	0.00
75) Chrysene-d12	21.76	240	763266	20.00	ng	0.00
86) Perylene-d12	25.06	264	769739	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	479859	101.16	ng	0.00
7) Phenol-d6	7.22	99	692573	93.79	ng	0.00
23) Nitrobenzene-d5	9.23	82	753579	94.11	ng	0.00
41) 2,4,6-Tribromophenol	16.20	330	462501	142.01	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1471748	91.18	ng	0.00
78) Terphenyl-d14	20.09	244	2891418	82.99	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.94	128	33321	2.063	ng	# 94
76) Benzidine	19.71	184	2582498	131.351	ng	94

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

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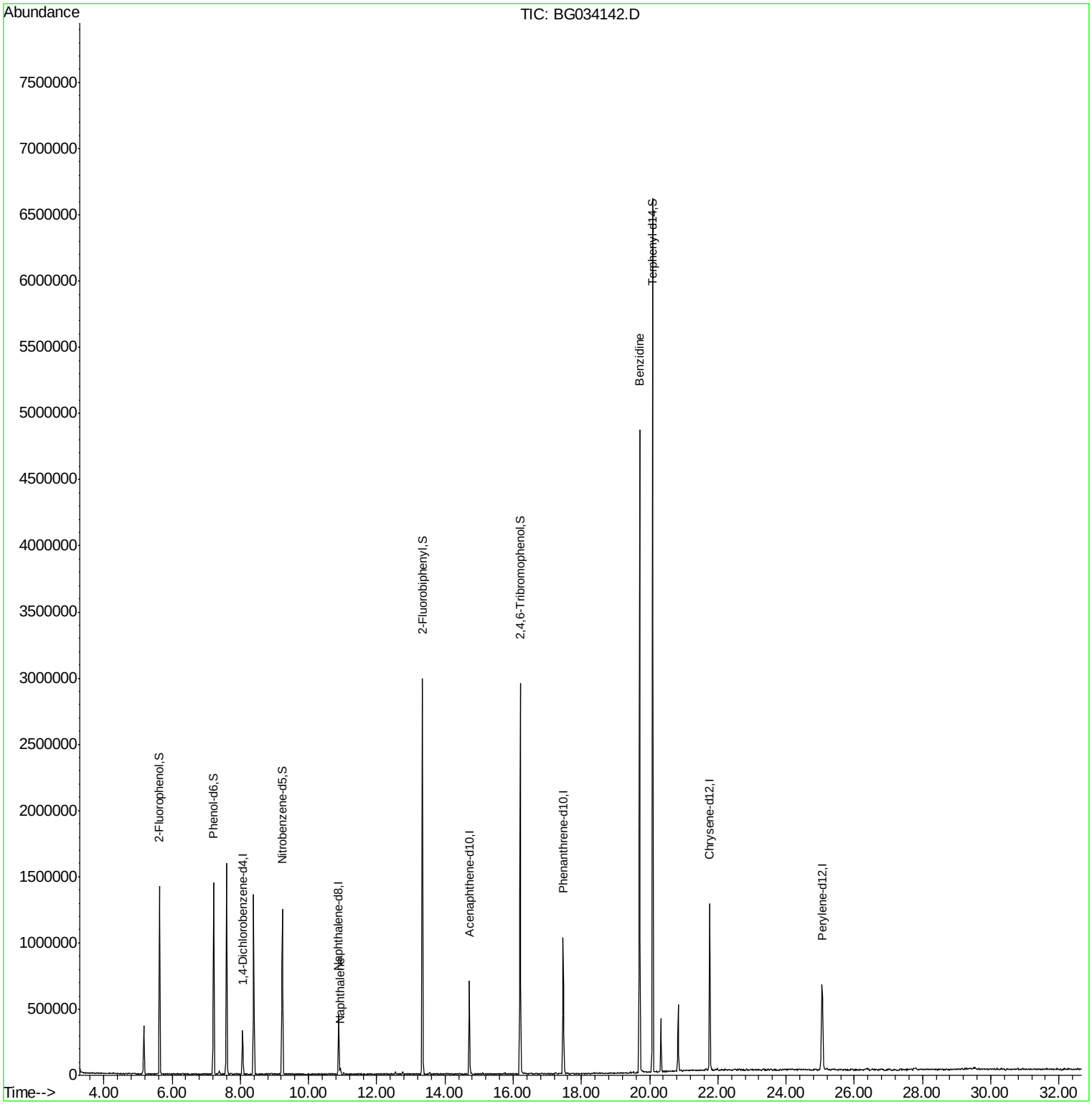
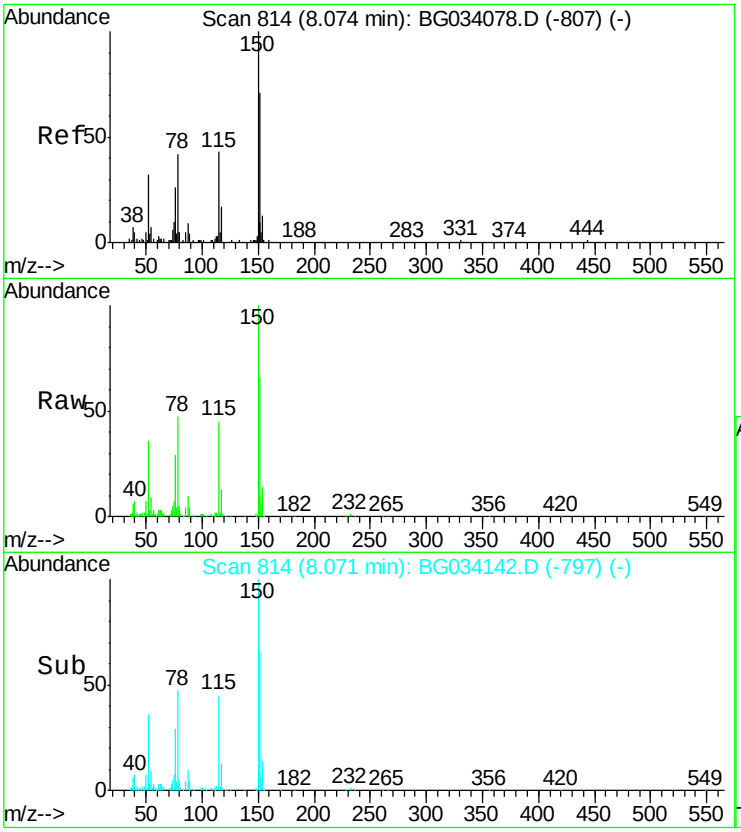


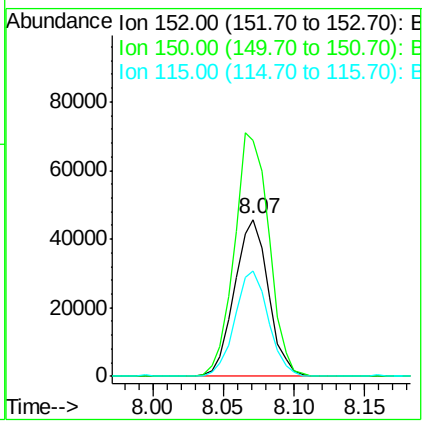


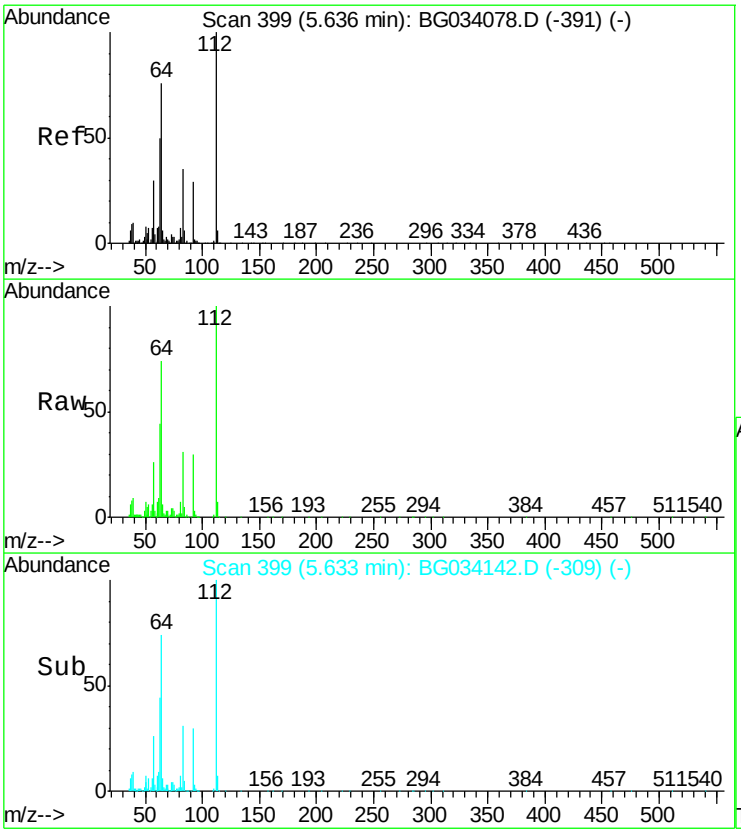
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG034142.D
Acq: 3 May 2018 8:53

Instrument :
BNA_G
ClientSampleId :
ES-RT-2655

Tgt Ion:152 Resp: 76636

Ion	Ratio	Lower	Upper
152	100		
150	151.0	126.6	189.8
115	67.6	53.0	79.4

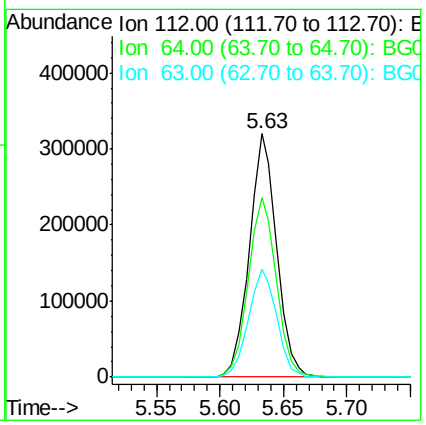


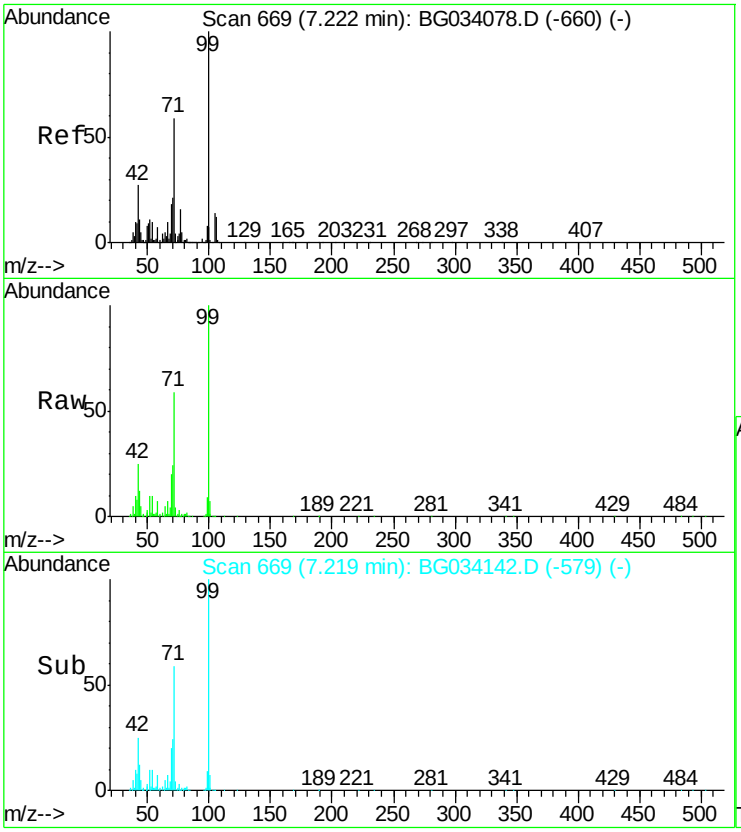


#5
2-Fluorophenol
Concen: 101.163 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG034142.D
Acq: 3 May 2018 8:53

Tgt Ion:112 Resp: 479859

Ion	Ratio	Lower	Upper
112	100		
64	73.8	56.3	84.5
63	44.2	30.1	45.1



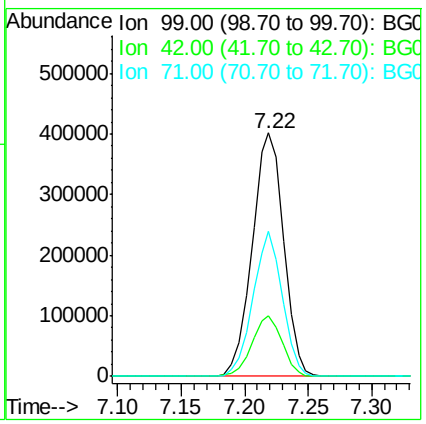


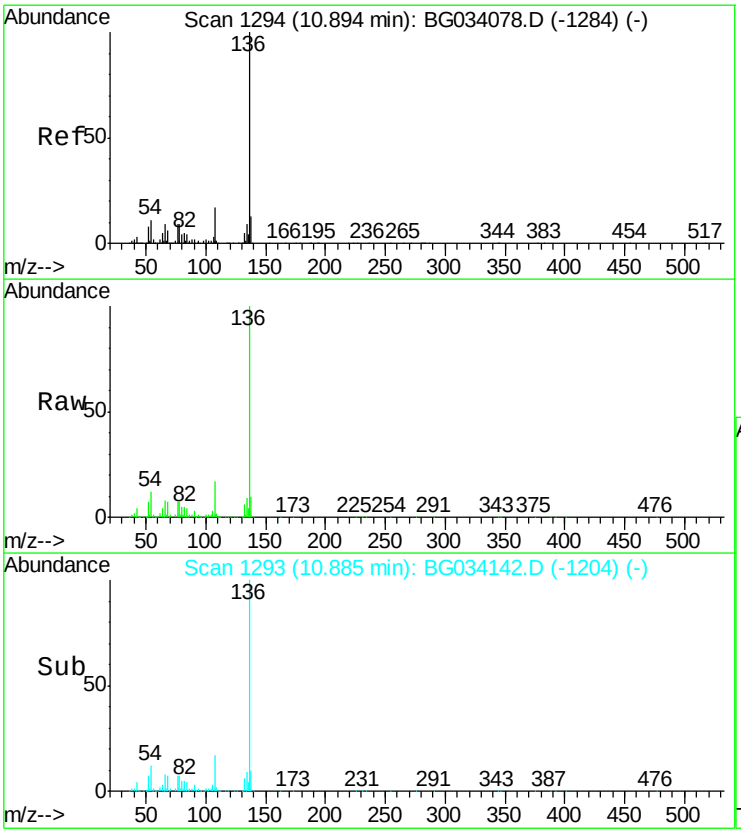
#7
Phenol-d6
Concen: 93.786 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.00 min
Lab File: BG034142.D
Acq: 3 May 2018 8:53

Instrument :
BNA_G
ClientSampleId :
ES-RT-2655

Tgt Ion: 99 Resp: 692573

Ion	Ratio	Lower	Upper
99	100		
42	24.9	14.1	21.1#
71	59.4	26.1	39.1#

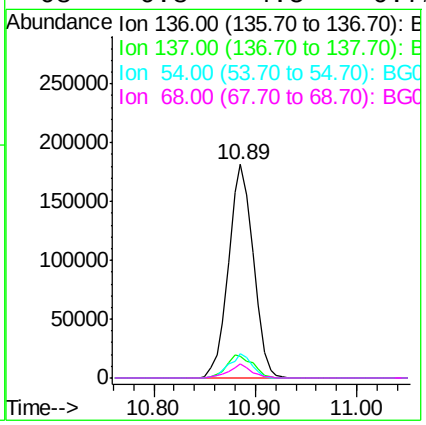


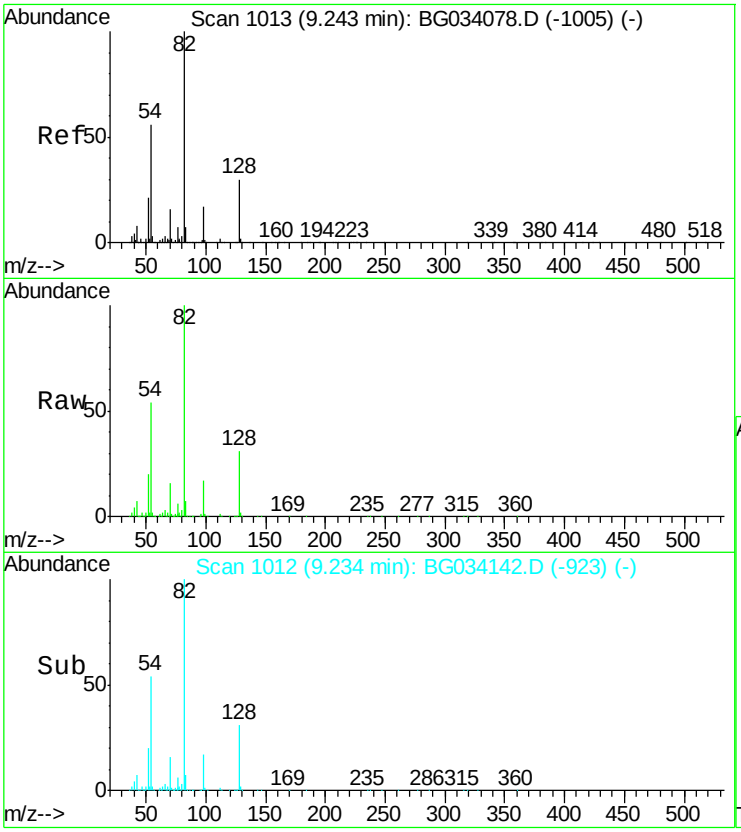


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG034142.D
Acq: 3 May 2018 8:53

Tgt Ion:136 Resp: 307236

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	11.6	10.3	15.5
68	6.8	4.5	6.7#



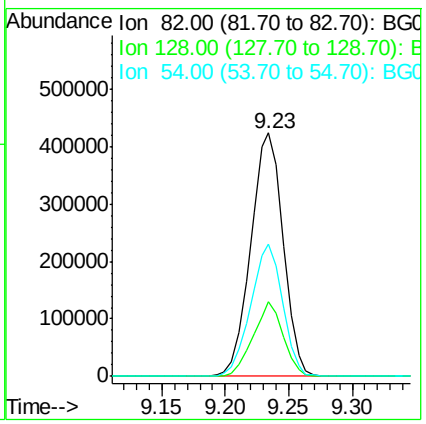


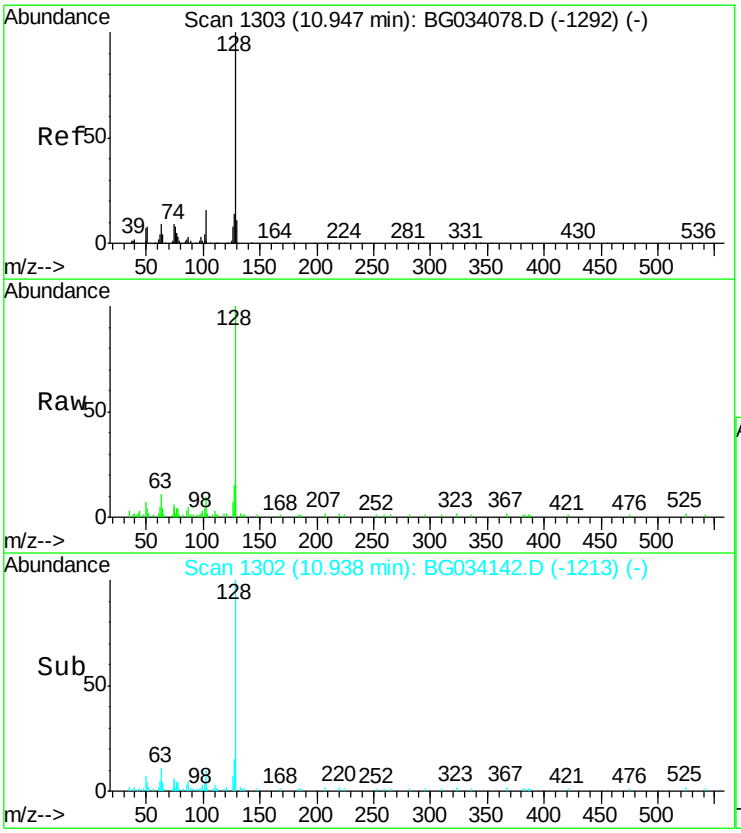
#23
Nitrobenzene-d5
Concen: 94.108 ng
RT: 9.23 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG034142.D
Acq: 3 May 2018 8:53

Instrument :
BNA_G
ClientSampleId :
ES-RT-2655

Tgt Ion: 82 Resp: 753579

Ion	Ratio	Lower	Upper
82	100		
128	30.5	29.7	44.5
54	54.2	43.1	64.7

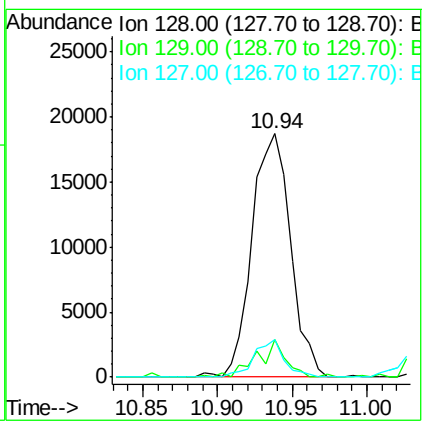


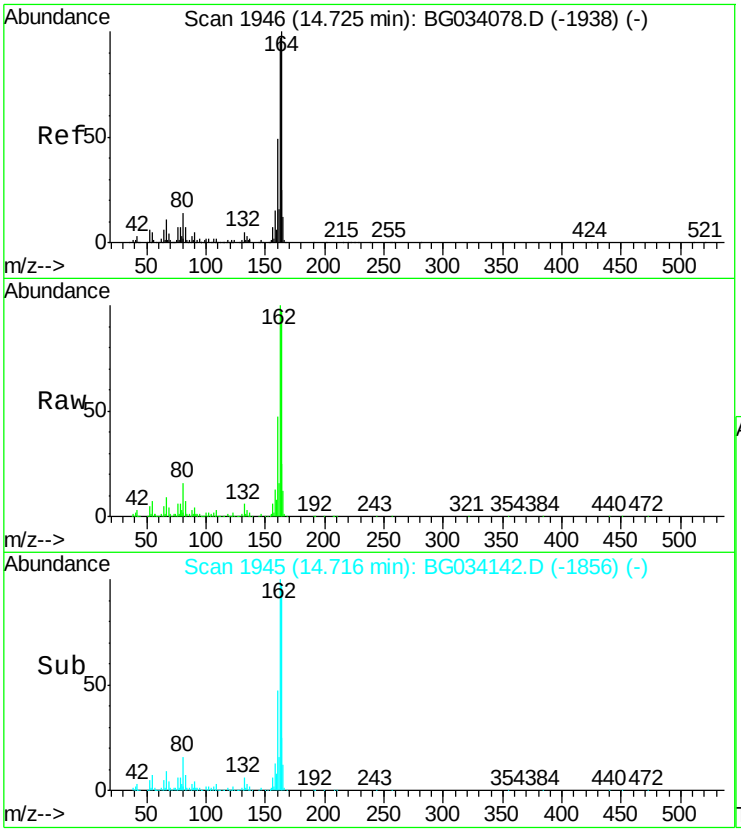


#31
Naphthalene
Concen: 2.063 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG034142.D
Acq: 3 May 2018 8:53

Tgt Ion:128 Resp: 33321

Ion	Ratio	Lower	Upper
128	100		
129	15.3	8.6	12.8#
127	15.2	11.6	17.4



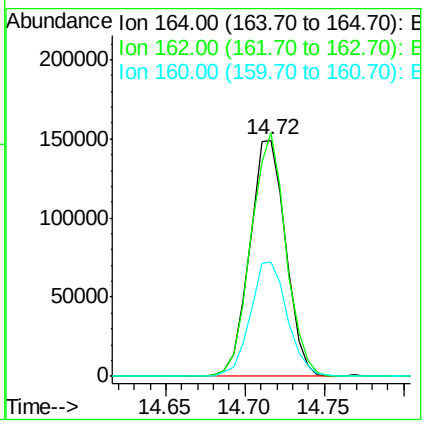


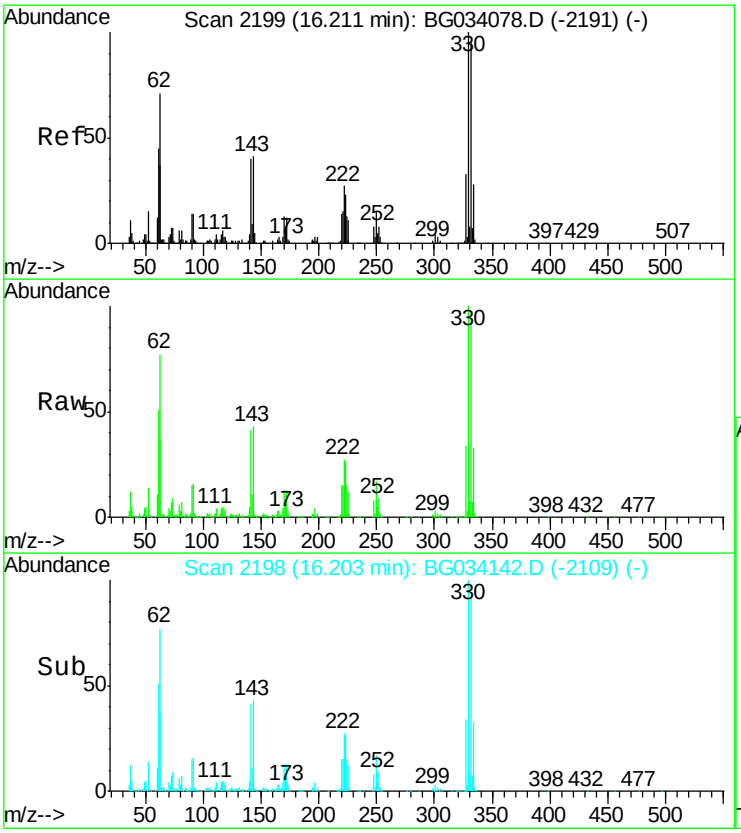
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG034142.D
Acq: 3 May 2018 8:53

Instrument :
BNA_G
ClientSampleId :
ES-RT-2655

Tgt Ion:164 Resp: 235200

Ion	Ratio	Lower	Upper
164	100		
162	103.0	78.8	118.2
160	48.6	35.4	53.0

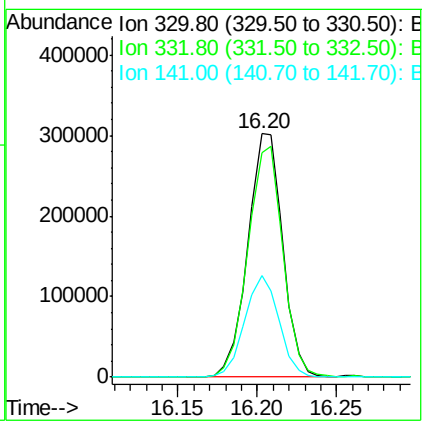


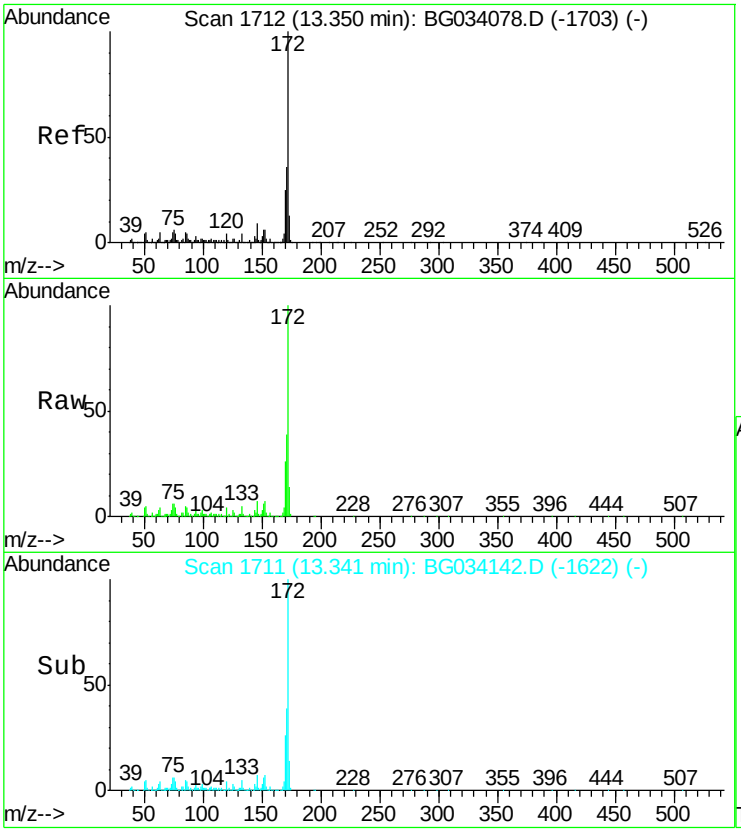


#41
2,4,6-Tribromophenol
Concen: 142.009 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BG034142.D
Acq: 3 May 2018 8:53

Tgt Ion:330 Resp: 462501

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	41.1	25.2	37.8#



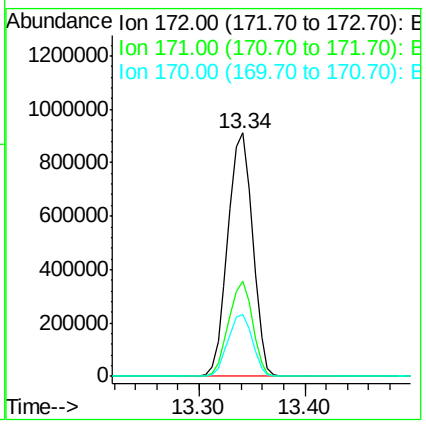


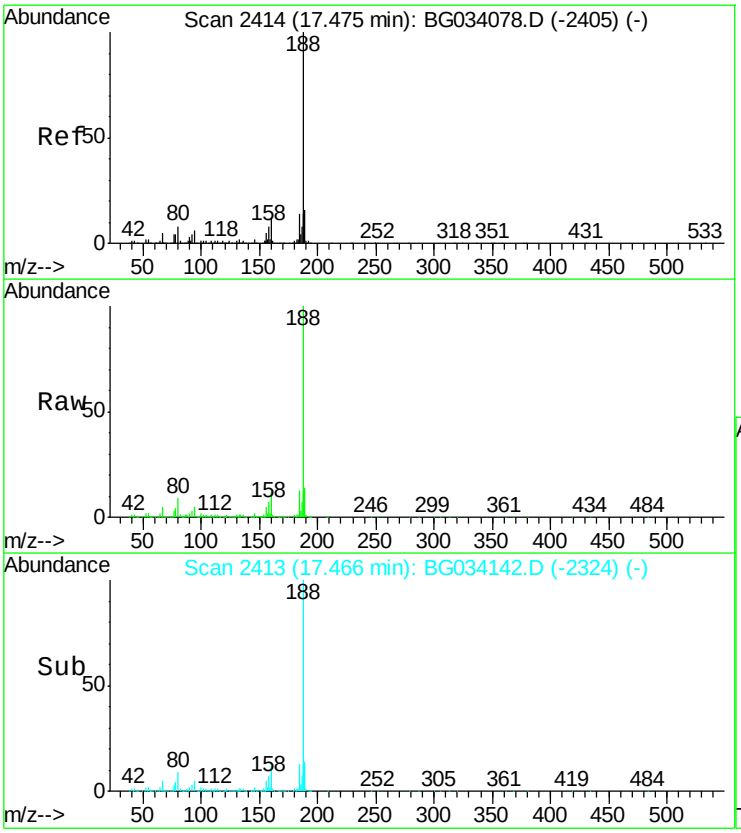
#44
2-Fluorobiphenyl
Concen: 91.180 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG034142.D
Acq: 3 May 2018 8:53

Instrument :
BNA_G
ClientSampleId :
ES-RT-2655

Tgt Ion:172 Resp: 1471748

Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	25.6	19.5	29.3

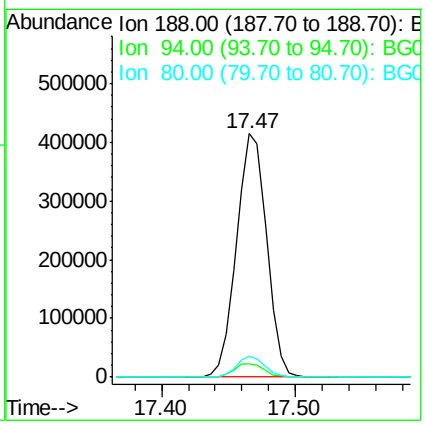


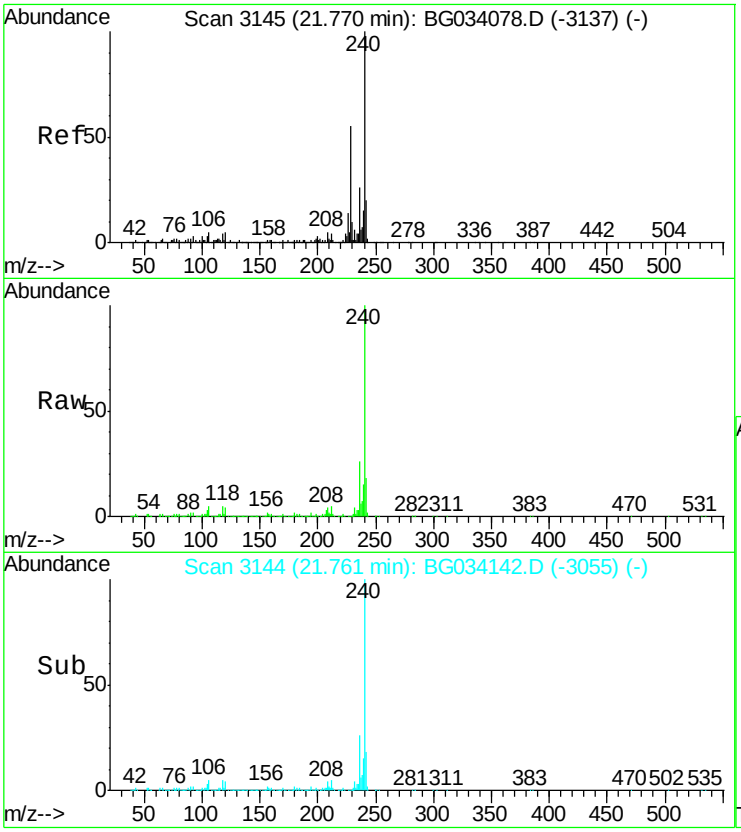


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG034142.D
Acq: 3 May 2018 8:53

Tgt Ion:188 Resp: 645717

Ion	Ratio	Lower	Upper
188	100		
94	5.3	6.9	10.3#
80	8.8	7.7	11.5



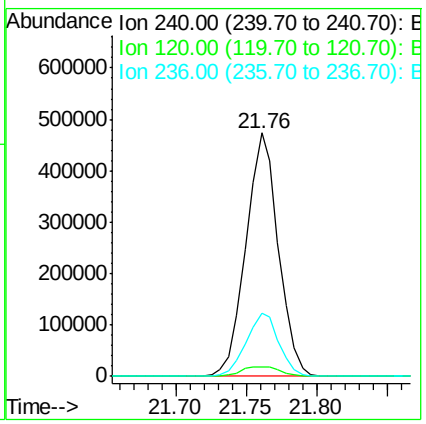


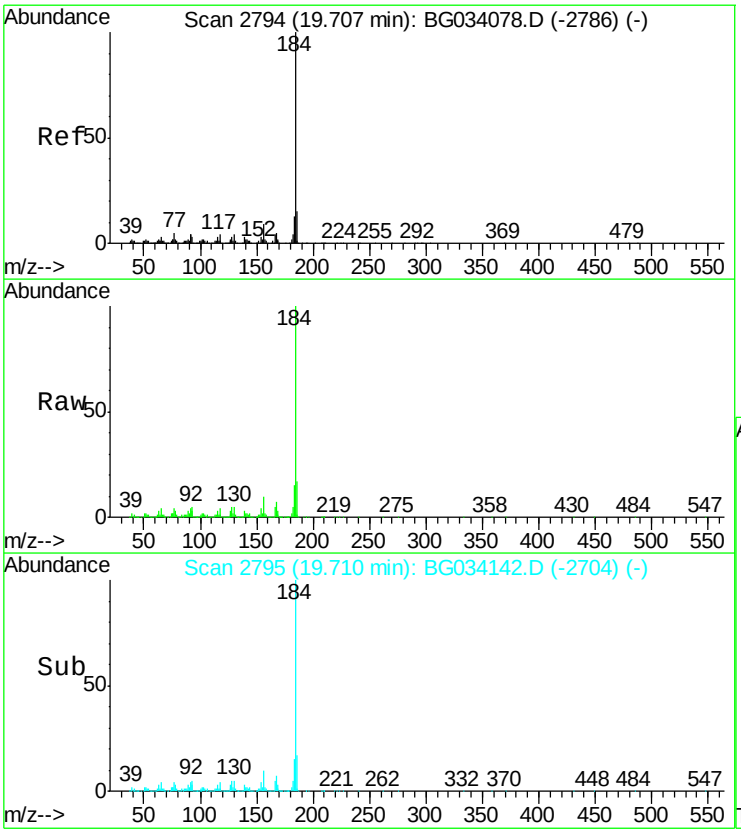
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG034142.D
Acq: 3 May 2018 8:53

Instrument :
BNA_G
ClientSampleId :
ES-RT-2655

Tgt Ion:240 Resp: 763266

Ion	Ratio	Lower	Upper
240	100		
120	4.0	6.8	10.2#
236	25.8	20.9	31.3

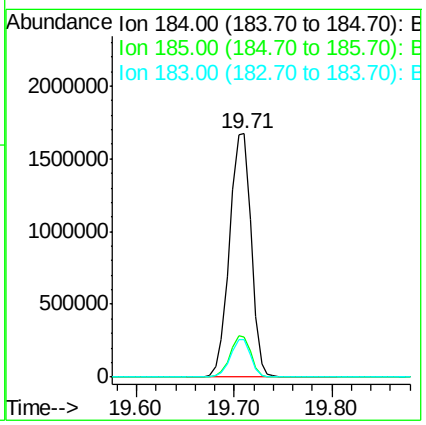


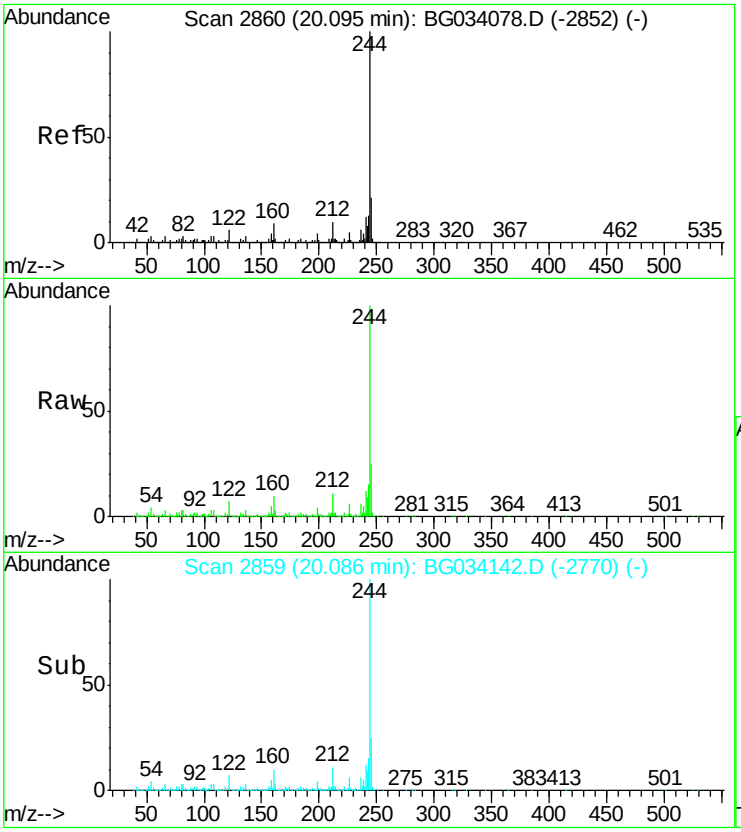


#76
Benzidine
Concen: 131.351 ng
RT: 19.71 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BG034142.D
Acq: 3 May 2018 8:53

Tgt Ion:184 Resp: 2582498

Ion	Ratio	Lower	Upper
184	100		
185	16.5	11.1	16.7
183	15.5	10.6	16.0



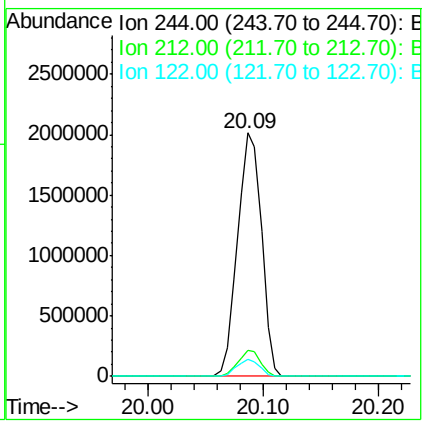


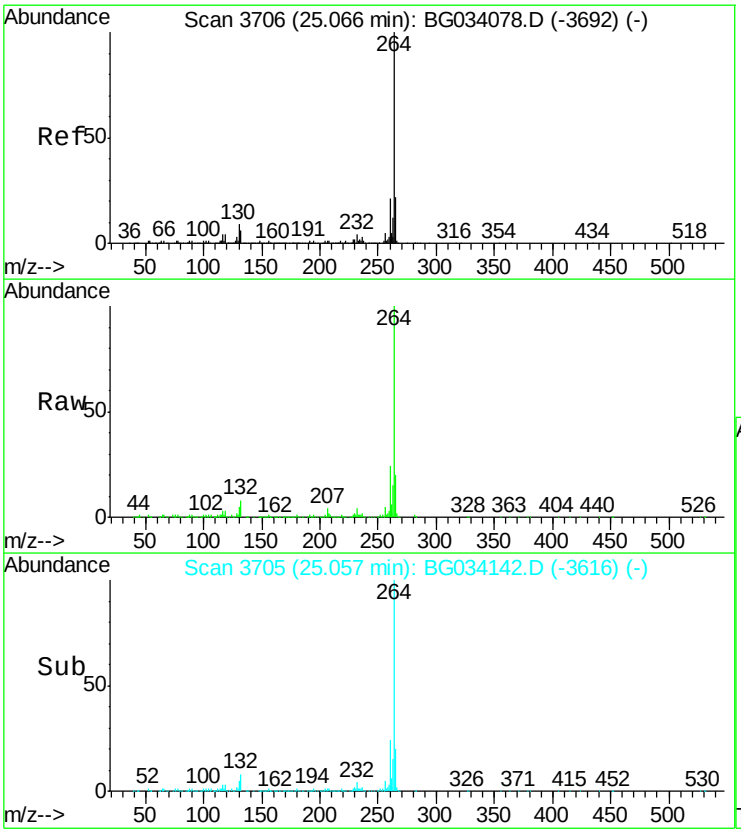
#78
Terphenyl-d14
Concen: 82.987 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BG034142.D
Acq: 3 May 2018 8:53

Instrument :
BNA_G
ClientSampleId :
ES-RT-2655

Tgt Ion:244 Resp: 2891418

Ion	Ratio	Lower	Upper
244	100		
212	10.8	5.8	8.8#
122	6.9	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG034142.D
Acq: 3 May 2018 8:53

Tgt Ion:264 Resp: 769739

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	20.2	17.7	26.5