Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071017\
Data File : BG027911.D
Acq On : 11 Jul 2017 9:40
Operator : SJ/JU
Sample : I4084-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP9-MH2108-COMP

Quant Time: Jul 11 13:16:52 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 17:43:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	42914	20.00	ng	0.00
21) Naphthalene-d8	11.23	136	181803	20.00	ng	-0.01
38) Acenaphthene-d10	15.01	164	102888	20.00	ng	-0.01
63) Phenanthrene-d10	17.76	188	269613	20.00	ng	-0.01
75) Chrysene-d12	22.10	240	299146	20.00	ng	-0.03
86) Perylene-d12	25.66	264	291145	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.00	112	367064	131.72	ng	0.00
7) Phenol-d6	7.57	99	445642	104.68	ng	0.00
23) Nitrobenzene-d5	9.58	82	272494	83.55	ng	-0.01
41) 2,4,6-Tribromophenol	16.50	330	276070	195.62	ng	-0.02
44) 2-Fluorobiphenyl	13.64	172	720644	100.03	ng	-0.01
78) Terphenyl-d14	20.34	244	1392391	109.12	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	11.28	128	34347	3.553	ng	96
76) Benzidine	19.97	184	80207	13.726	ng	96

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

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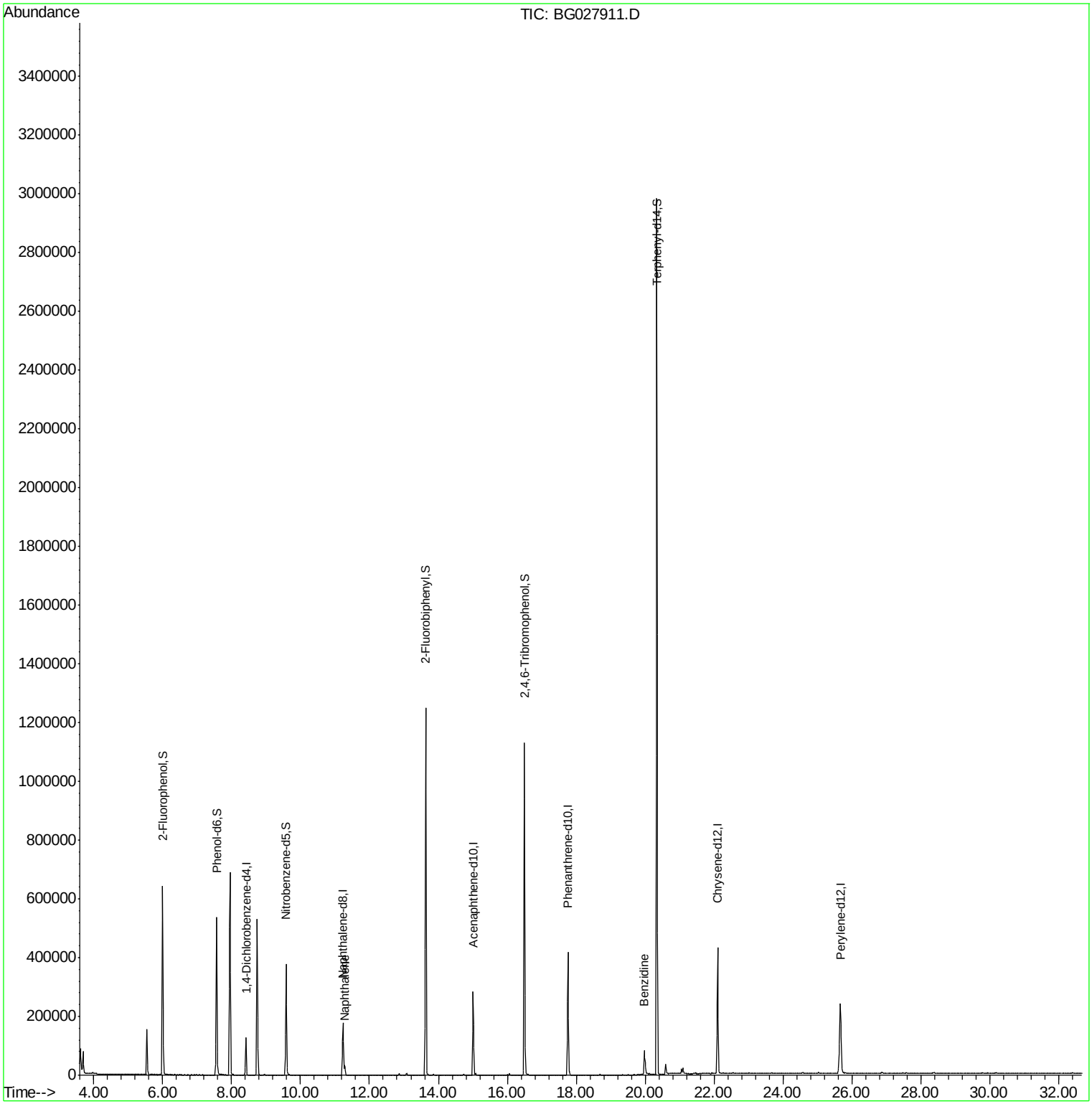
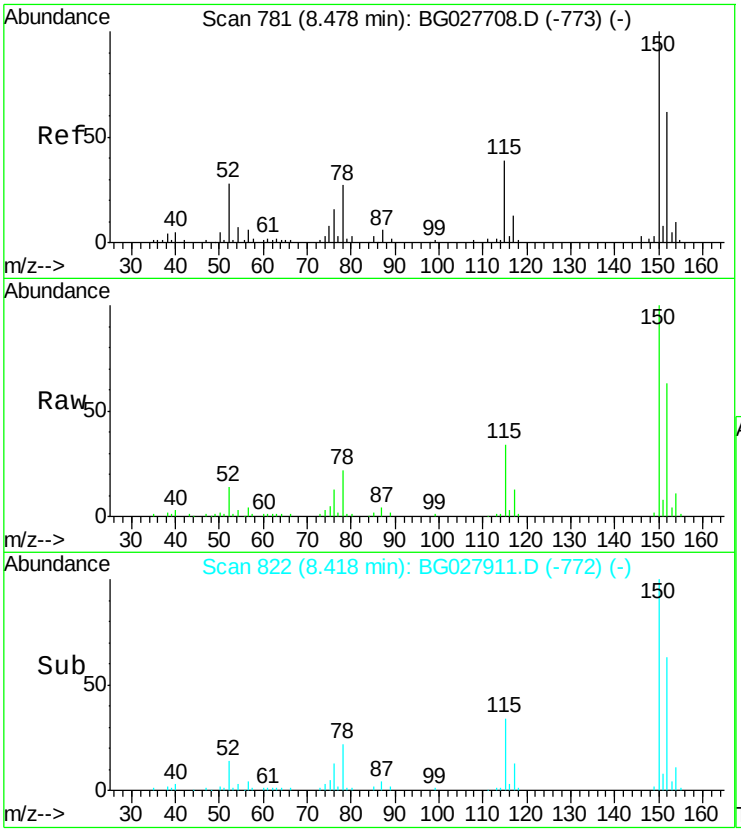


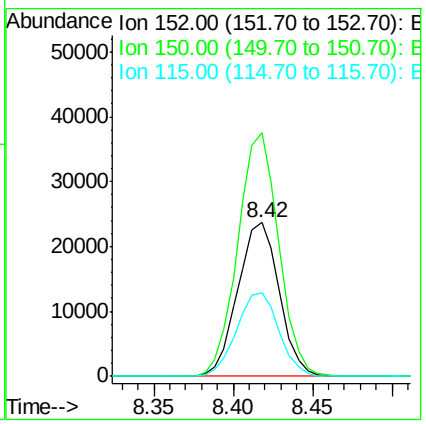


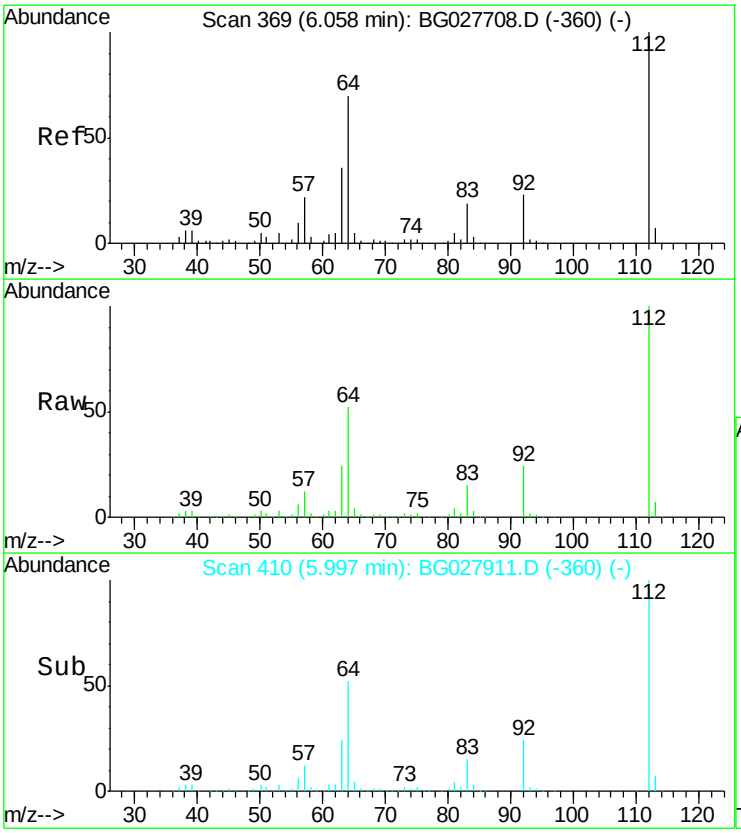
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.42 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG027911.D
Acq: 11 Jul 2017 9:40

Instrument :
BNA_G
ClientSampleId :
TP9-MH2108-COMP

Tgt Ion:152 Resp: 42914

Ion	Ratio	Lower	Upper
152	100		
150	158.4	114.0	171.0
115	54.5	48.1	72.1

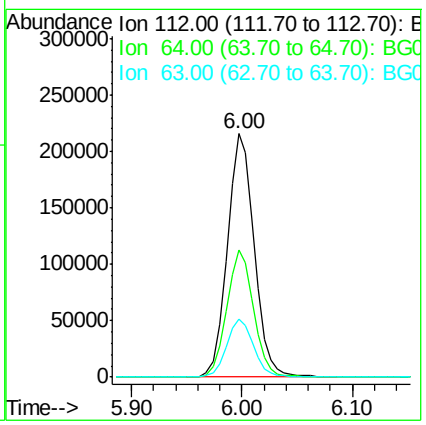


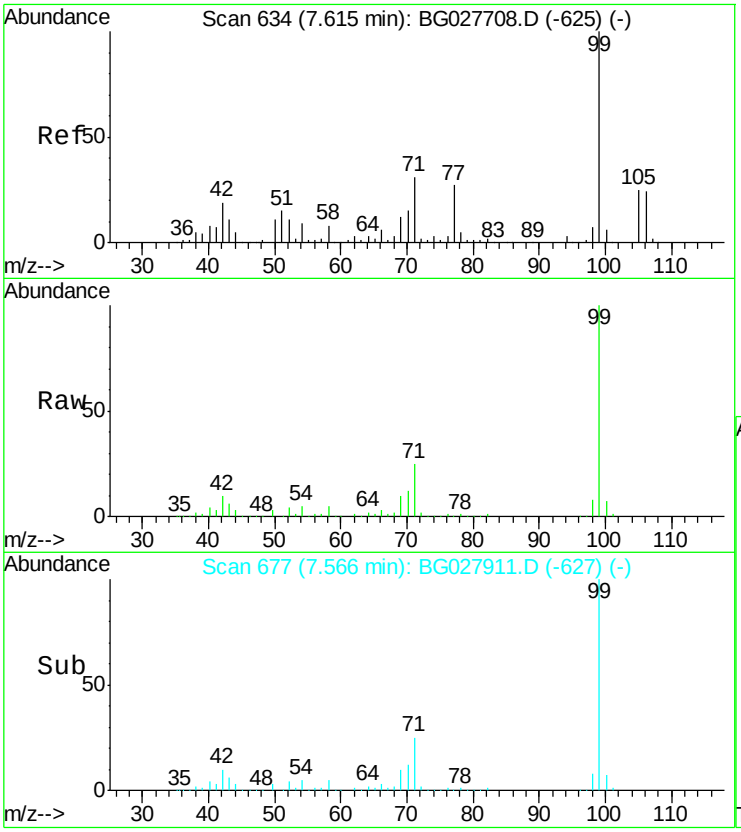


#5
2-Fluorophenol
Concen: 131.716 ng
RT: 6.00 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG027911.D
Acq: 11 Jul 2017 9:40

Tgt Ion:112 Resp: 367064

Ion	Ratio	Lower	Upper
112	100		
64	52.3	61.8	92.6#
63	23.8	37.2	55.8#



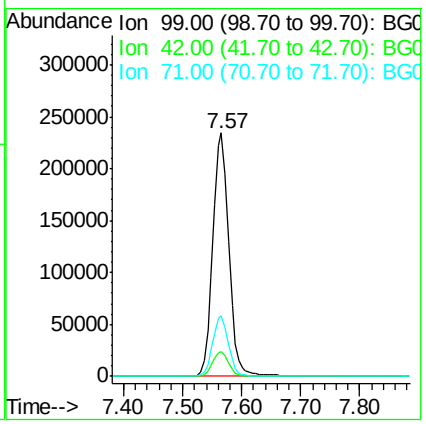


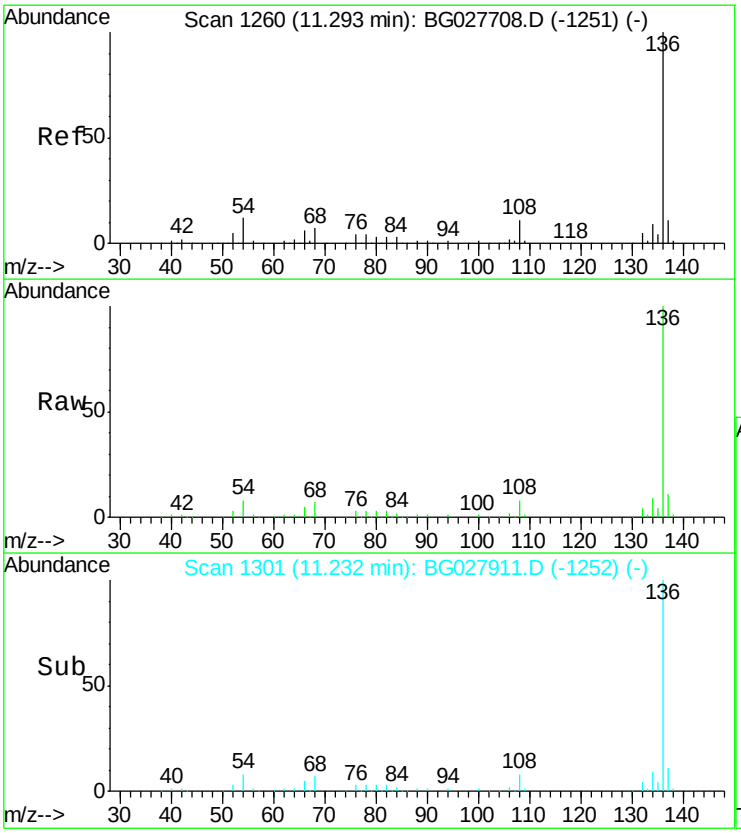
#7
Phenol-d6
Concen: 104.676 ng
RT: 7.57 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG027911.D
Acq: 11 Jul 2017 9:40

Instrument :
BNA_G
ClientSampleId :
TP9-MH2108-COMP

Tgt Ion: 99 Resp: 445642

Ion	Ratio	Lower	Upper
99	100		
42	10.3	20.5	30.7#
71	24.8	37.6	56.4#

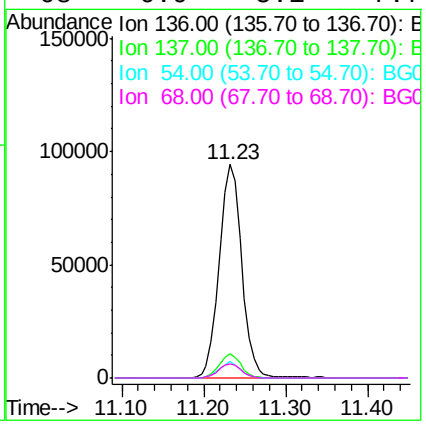


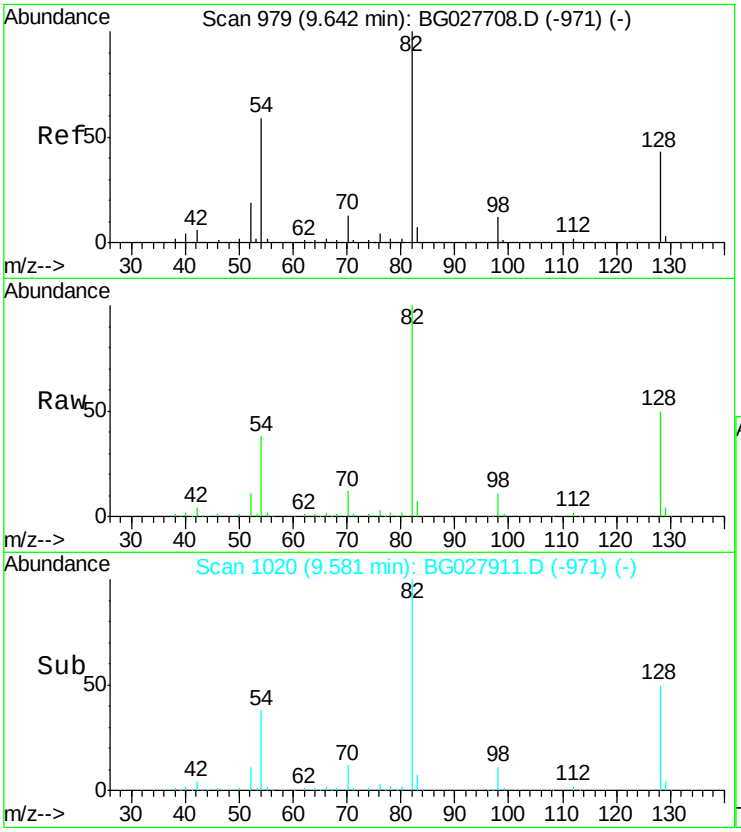


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.23 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BG027911.D
Acq: 11 Jul 2017 9:40

Tgt Ion:136 Resp: 181803

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.5	9.3	13.9#
68	6.9	5.1	7.7



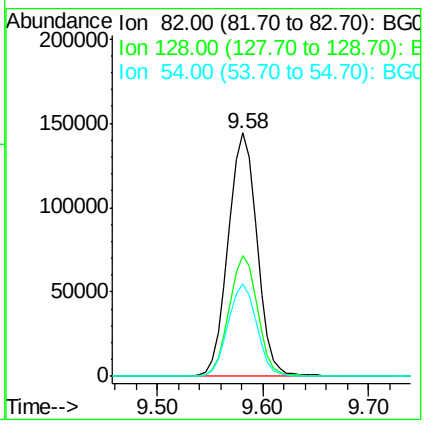


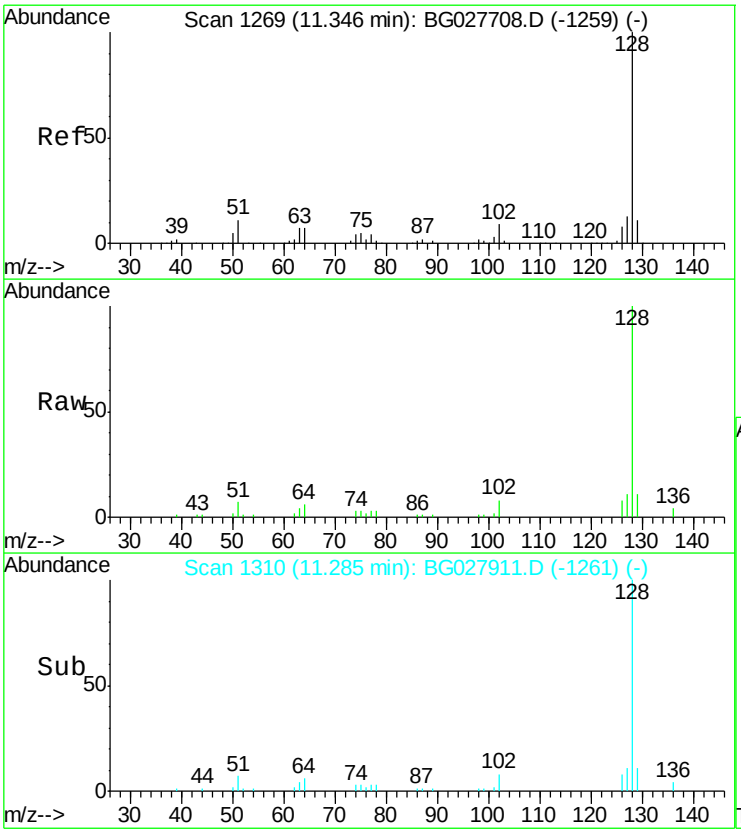
#23
Nitrobenzene-d5
Concen: 83.547 ng
RT: 9.58 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG027911.D
Acq: 11 Jul 2017 9:40

Instrument :
BNA_G
ClientSampleId :
TP9-MH2108-COMP

Tgt Ion: 82 Resp: 272494

Ion	Ratio	Lower	Upper
82	100		
128	49.7	26.4	39.6#
54	38.0	49.4	74.2#

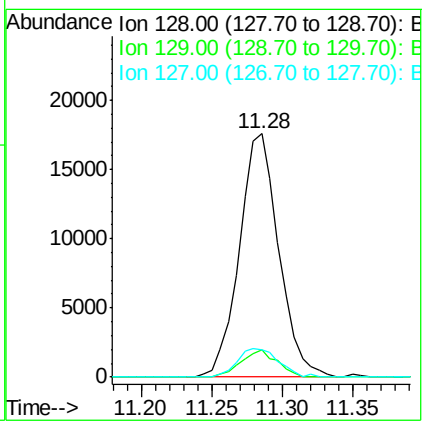


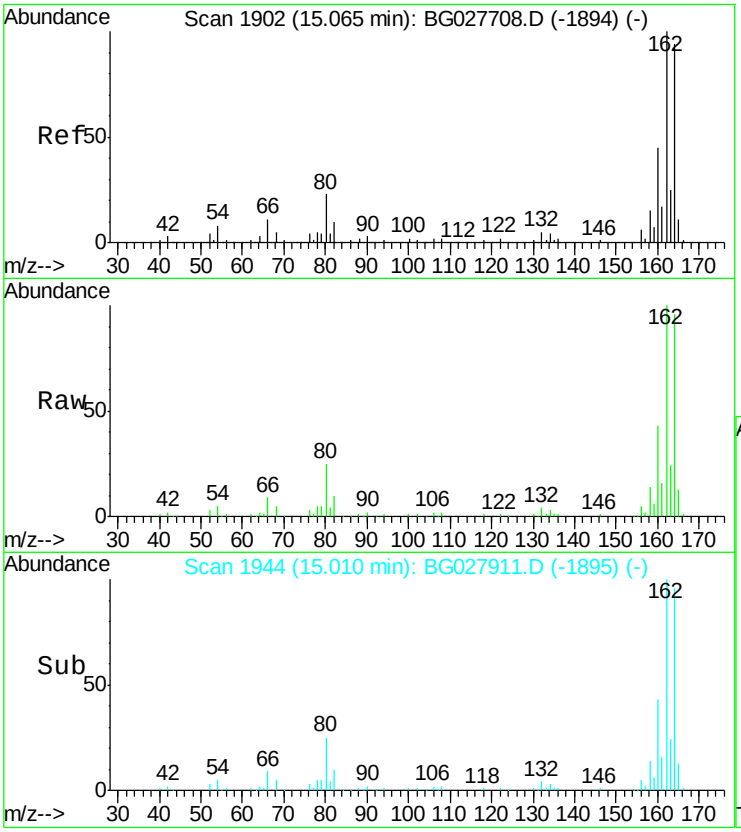


#31
Naphthalene
Concen: 3.553 ng
RT: 11.28 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG027911.D
Acq: 11 Jul 2017 9:40

Tgt Ion:128 Resp: 34347

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	11.4	11.4	17.0



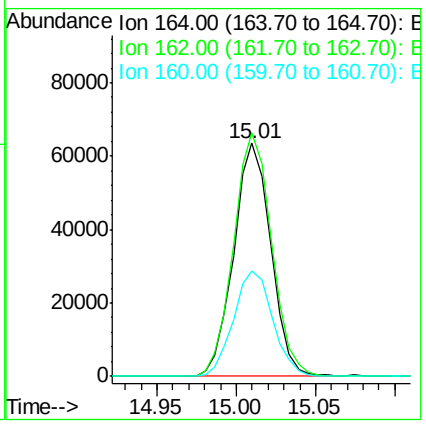


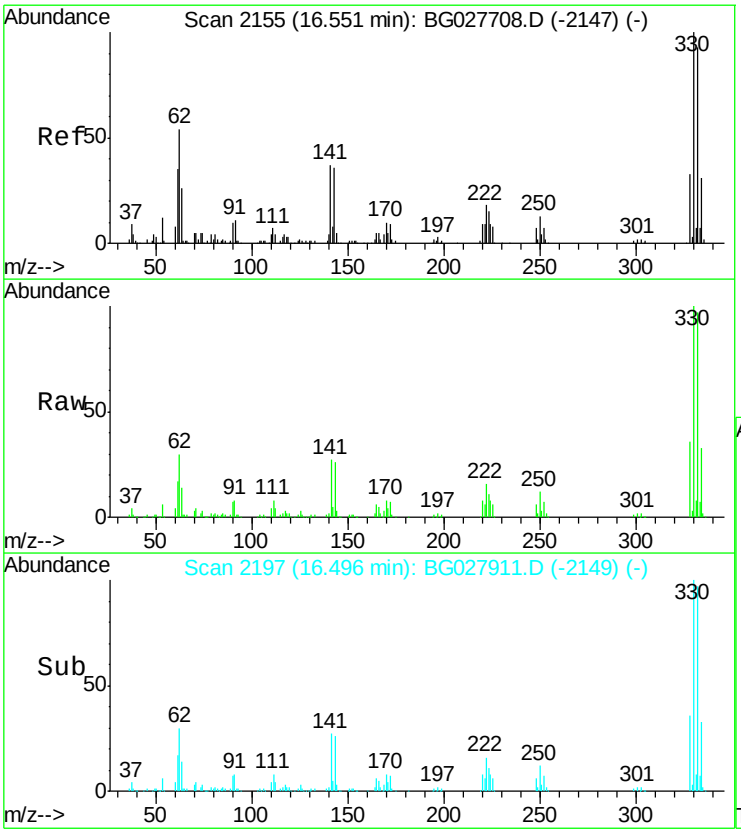
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.01 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG027911.D
Acq: 11 Jul 2017 9:40

Instrument :
BNA_G
ClientSampleId :
TP9-MH2108-COMP

Tgt Ion:164 Resp: 102888

Ion	Ratio	Lower	Upper
164	100		
162	104.4	85.1	127.7
160	45.2	34.7	52.1

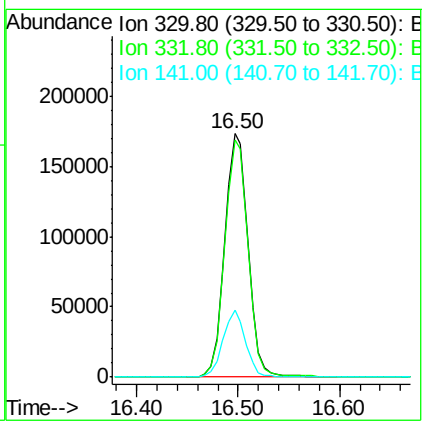


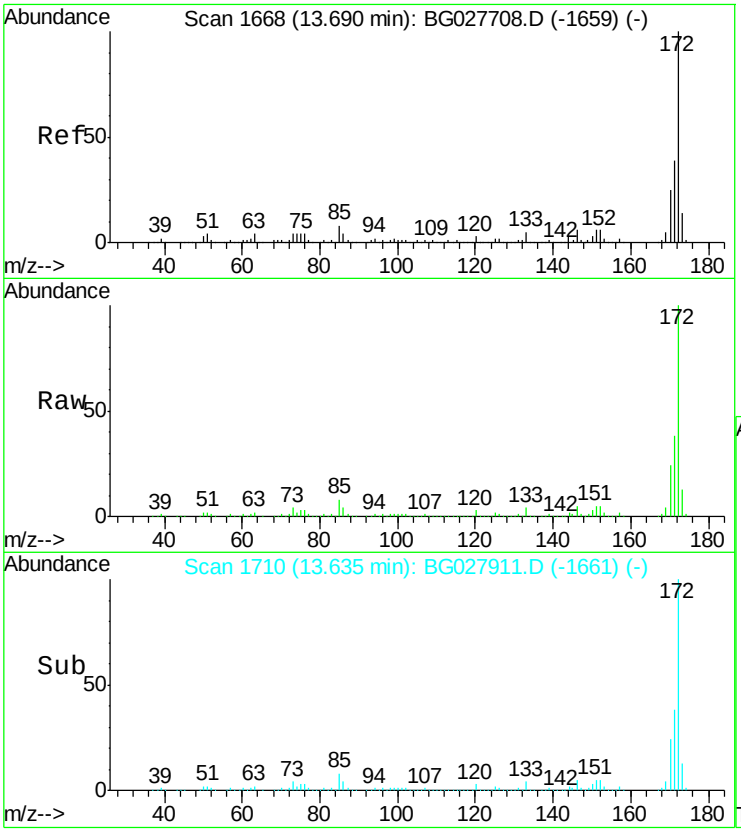


#41
2,4,6-Tribromophenol
Concen: 195.625 ng
RT: 16.50 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BG027911.D
Acq: 11 Jul 2017 9:40

Tgt Ion:330 Resp: 276070

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.3	115.9
141	26.6	32.1	48.1#



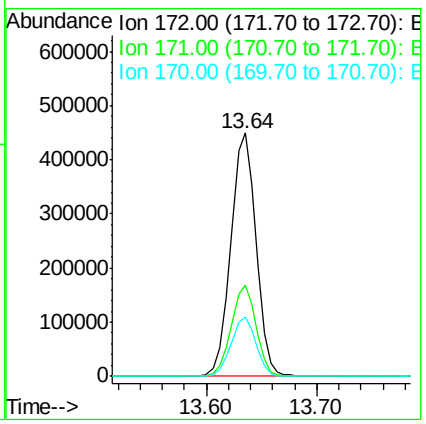


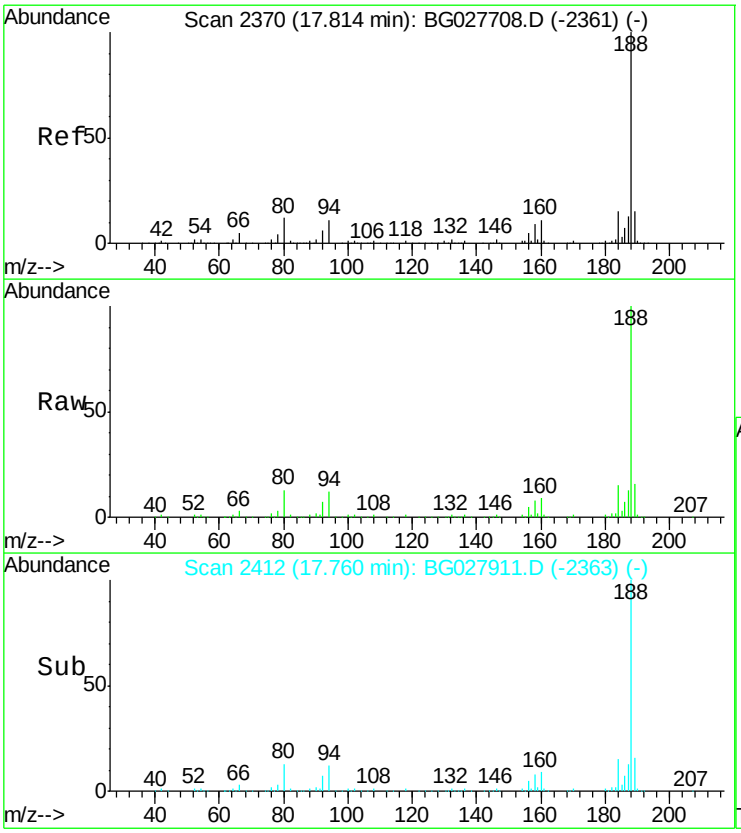
#44
2-Fluorobiphenyl
Concen: 100.031 ng
RT: 13.64 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG027911.D
Acq: 11 Jul 2017 9:40

Instrument :
BNA_G
ClientSampleId :
TP9-MH2108-COMP

Tgt Ion:172 Resp: 720644

Ion	Ratio	Lower	Upper
172	100		
171	37.5	32.2	48.2
170	24.2	21.8	32.6

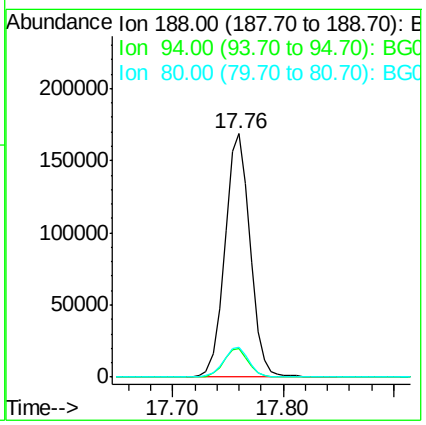


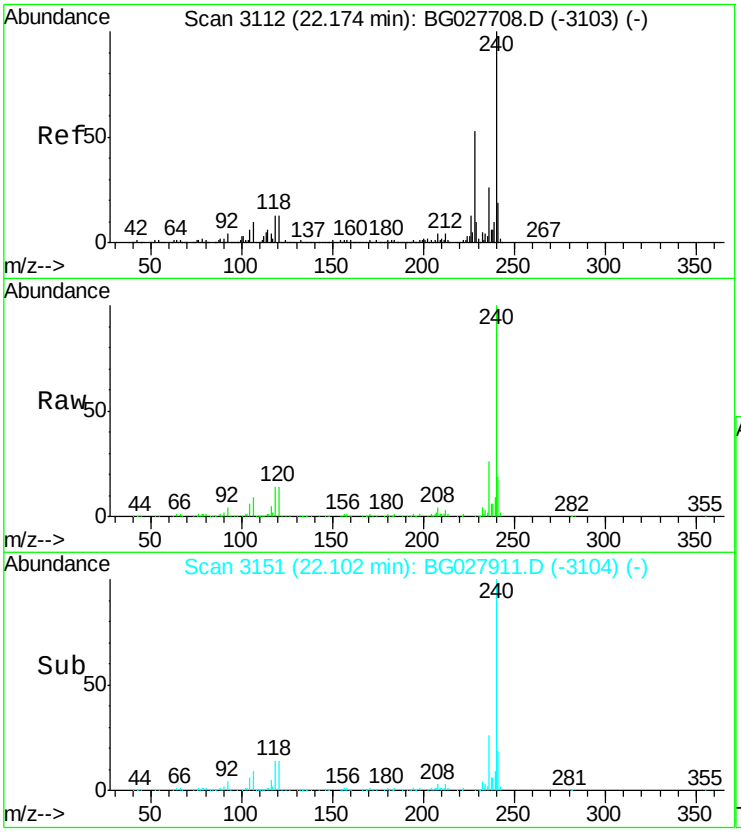


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.76 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG027911.D
Acq: 11 Jul 2017 9:40

Tgt Ion:188 Resp: 269613

Ion	Ratio	Lower	Upper
188	100		
94	11.7	5.8	8.8#
80	12.5	7.5	11.3#



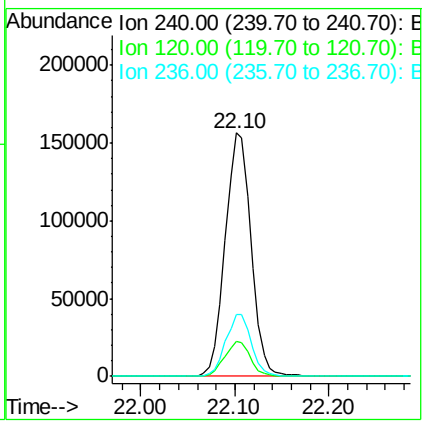


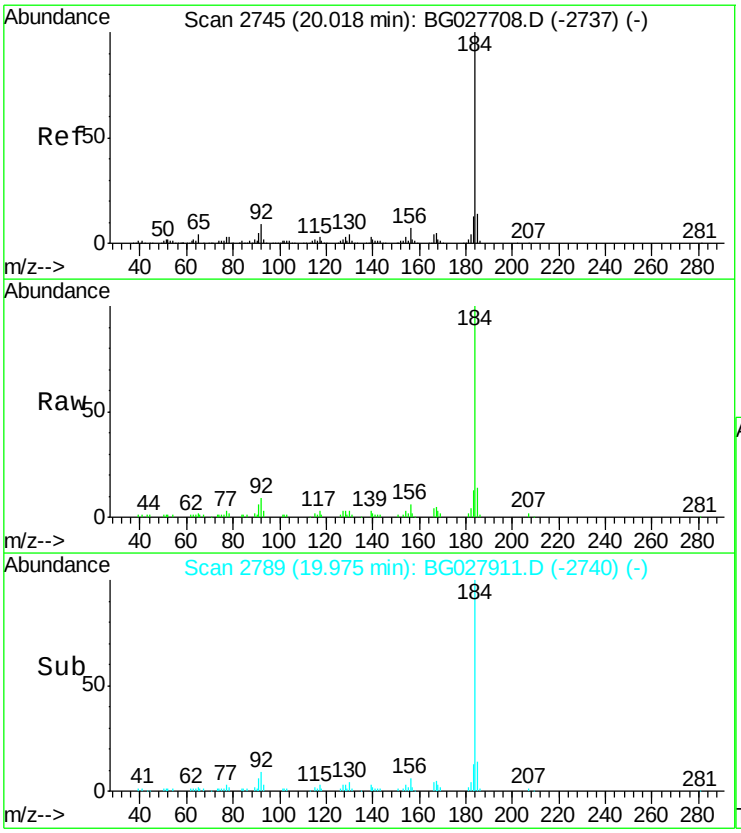
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.10 min Scan# 3151
Delta R.T. -0.03 min
Lab File: BG027911.D
Acq: 11 Jul 2017 9:40

Instrument :
BNA_G
ClientSampleId :
TP9-MH2108-COMP

Tgt Ion:240 Resp: 299146

Ion	Ratio	Lower	Upper
240	100		
120	14.2	5.7	8.5#
236	25.7	22.2	33.4

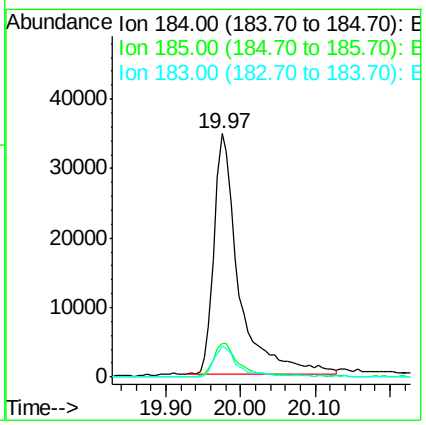


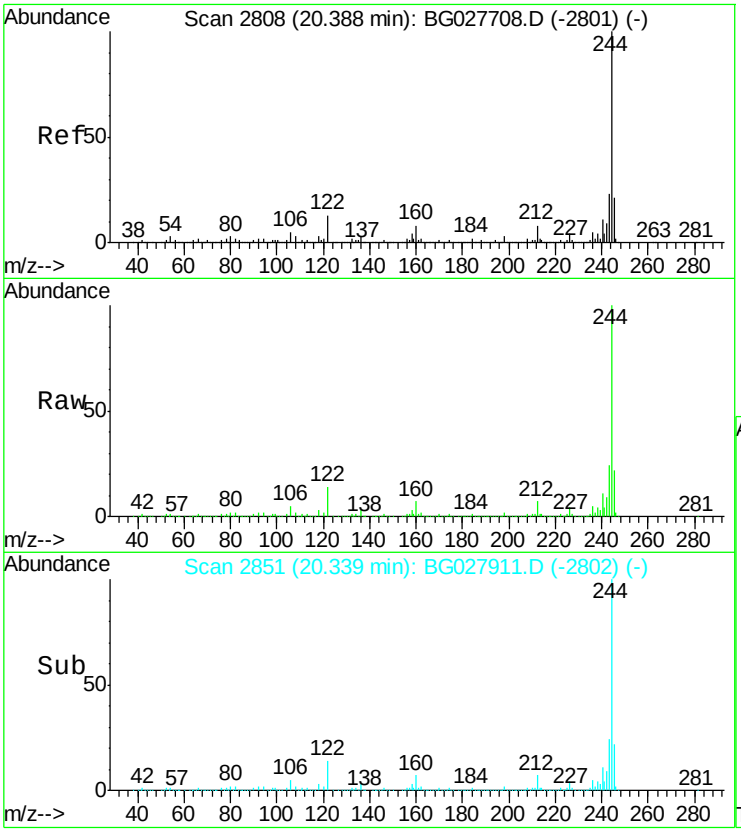


#76
Benzidine
Concen: 13.726 ng
RT: 19.97 min Scan# 2789
Delta R.T. -0.01 min
Lab File: BG027911.D
Acq: 11 Jul 2017 9:40

Tgt Ion:184 Resp: 80207

Ion	Ratio	Lower	Upper
184	100		
185	13.9	13.0	19.6
183	12.7	11.0	16.6



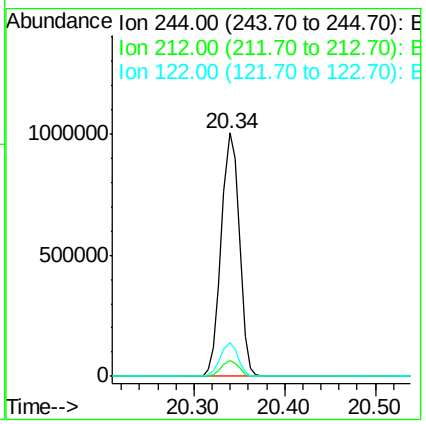


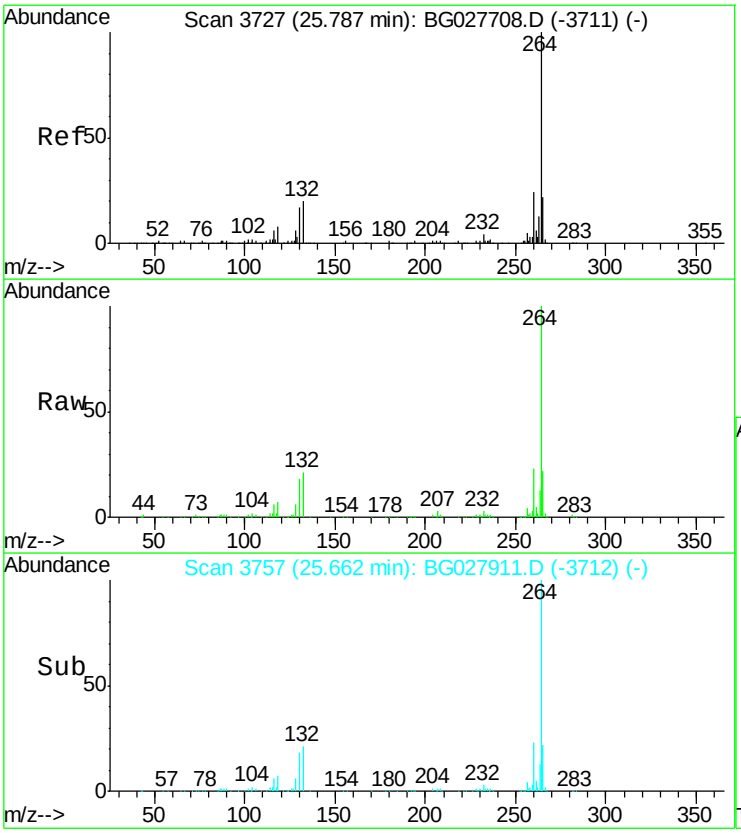
#78
Terphenyl-d14
Concen: 109.120 ng
RT: 20.34 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BG027911.D
Acq: 11 Jul 2017 9:40

Instrument :
BNA_G
ClientSampleId :
TP9-MH2108-COMP

Tgt Ion:244 Resp: 1392391

Ion	Ratio	Lower	Upper
244	100		
212	6.7	10.0	15.0#
122	13.9	8.6	12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.66 min Scan# 3757
Delta R.T. -0.04 min
Lab File: BG027911.D
Acq: 11 Jul 2017 9:40

Tgt Ion:264 Resp: 291145

Ion	Ratio	Lower	Upper
264	100		
260	23.4	21.8	32.8
265	22.0	18.2	27.4