Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071017\
Data File : BG027910.D
Acq On : 11 Jul 2017 9:01
Operator : SJ/JU
Sample : I4084-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 11 13:16:37 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	8.41	152	44110	20.00	ng	-0.01
21) Naphthalene-d8	11.23	136	186774	20.00	ng	-0.01
38) Acenaphthene-d10	15.01	164	105105	20.00	ng	-0.01
63) Phenanthrene-d10	17.76	188	270690	20.00	ng	-0.02
75) Chrysene-d12	22.10	240	293737	20.00	ng	-0.03
86) Perylene-d12	25.66	264	287865	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.00	112	384235	134.14	ng	0.00
7) Phenol-d6	7.57	99	473818	108.28	ng	0.00
23) Nitrobenzene-d5	9.58	82	281960	84.15	ng	-0.01
41) 2,4,6-Tribromophenol	16.50	330	275600	191.17	ng	-0.02
44) 2-Fluorobiphenyl	13.64	172	738280	100.32	ng	-0.01
78) Terphenyl-d14	20.34	244	1357982	108.38	ng	-0.01
Target Compounds						Qvalue
76) Benzidine	19.97	184	174555	26.509	ng	97

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

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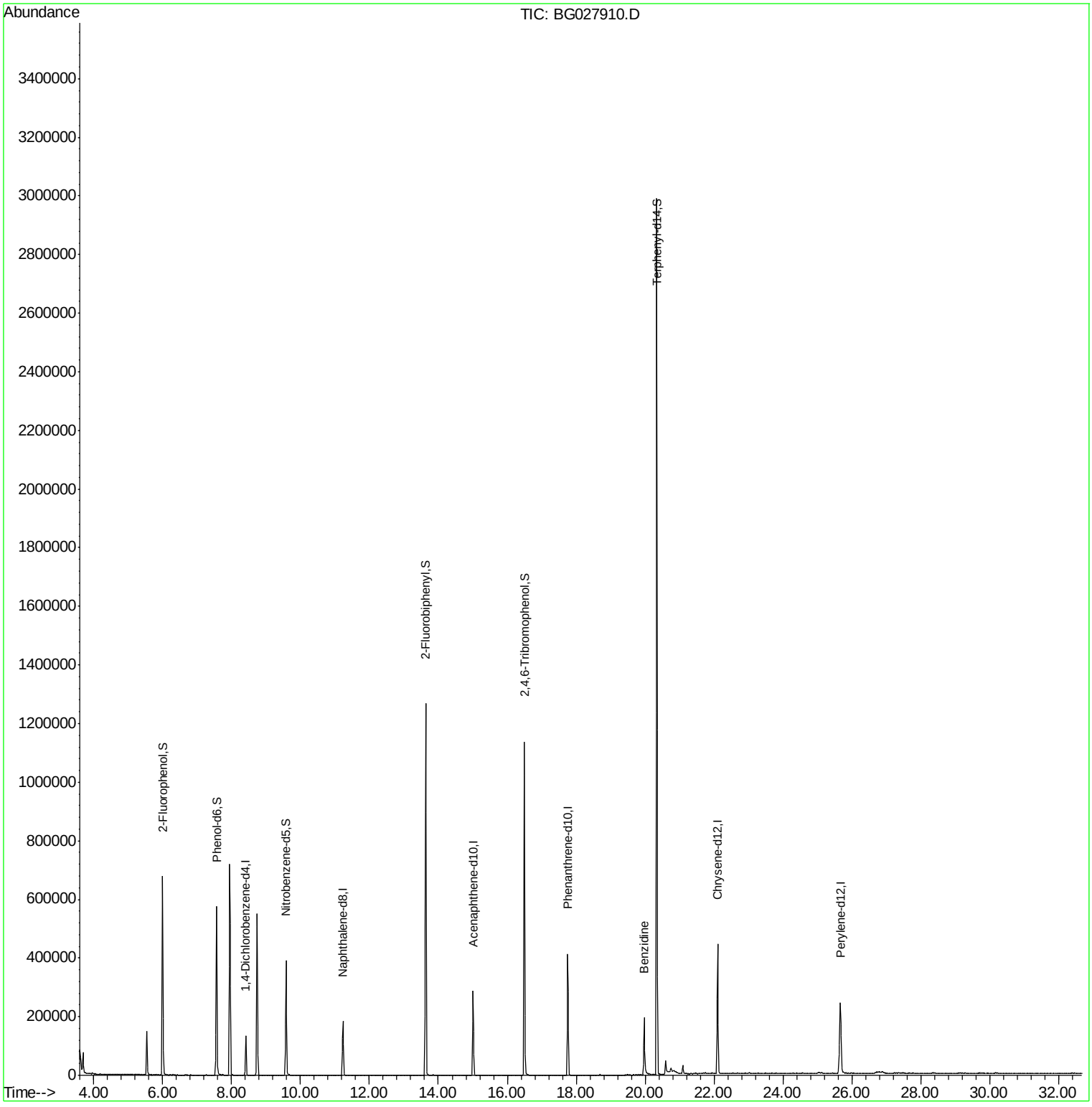
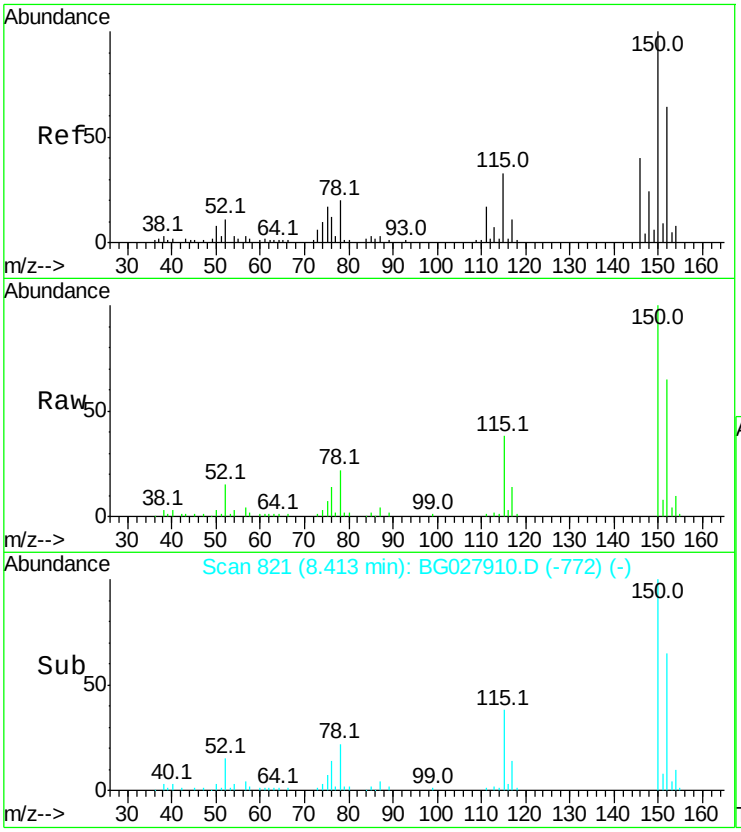


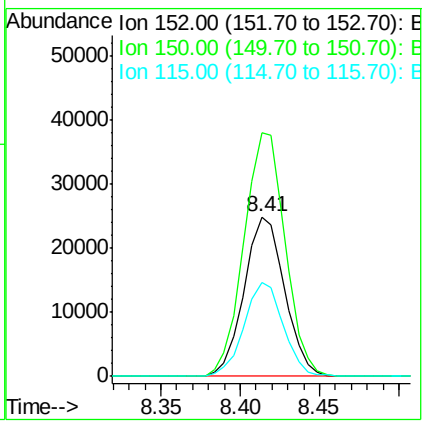


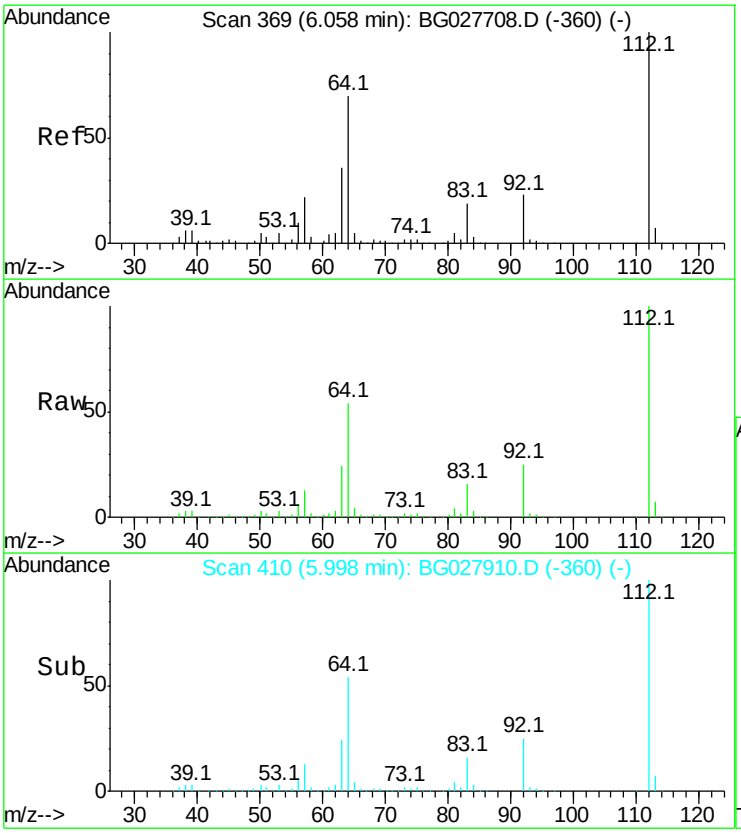
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.41 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG027910.D
Acq: 11 Jul 2017 9:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 44110

Ion	Ratio	Lower	Upper
152	100		
150	152.7	114.0	171.0
115	58.5	48.1	72.1

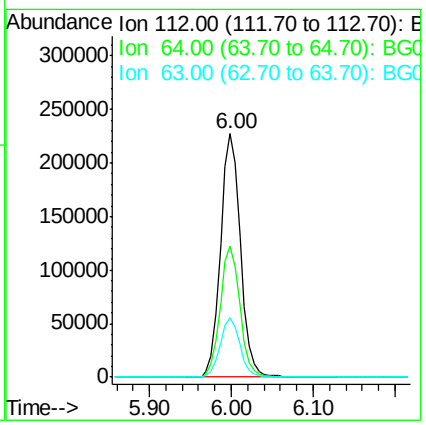


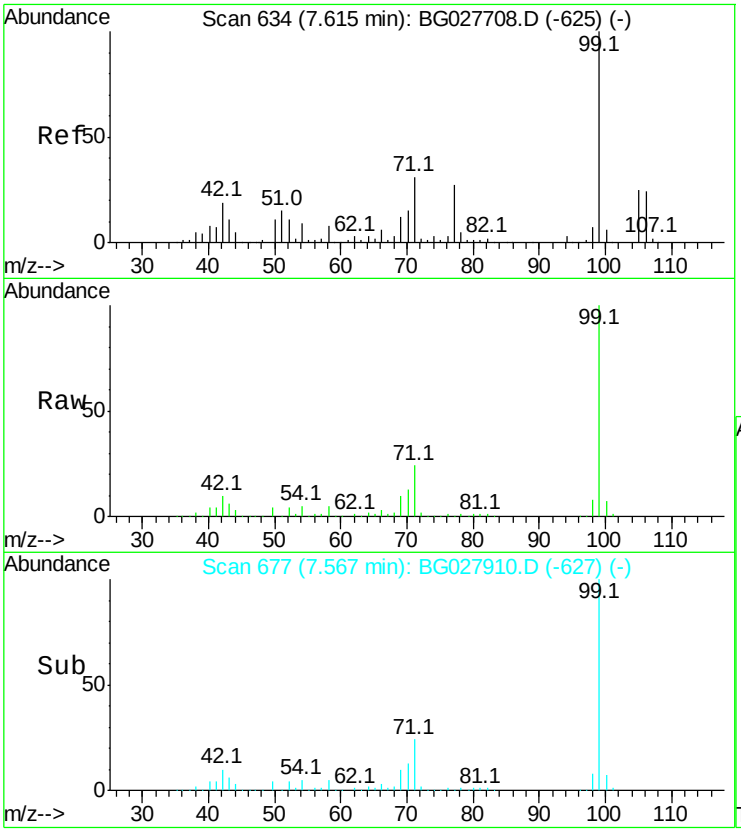


#5
2-Fluorophenol
Concen: 134.139 ng
RT: 6.00 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG027910.D
Acq: 11 Jul 2017 9:01

Tgt Ion:112 Resp: 384235

Ion	Ratio	Lower	Upper
112	100		
64	53.9	61.8	92.6#
63	24.2	37.2	55.8#



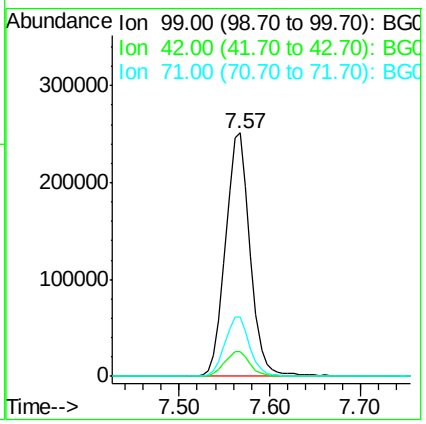


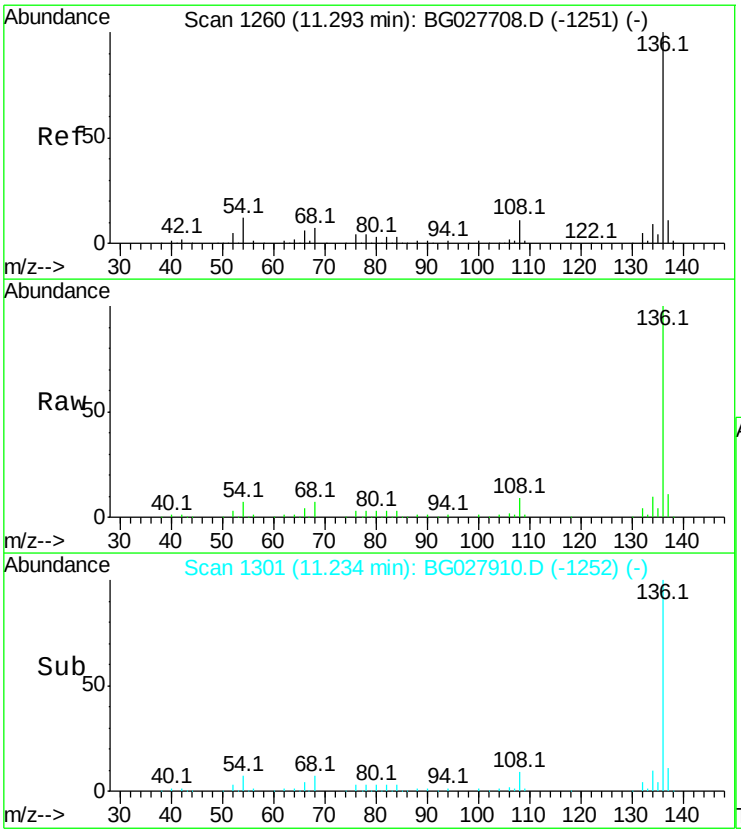
#7
Phenol-d6
Concen: 108.276 ng
RT: 7.57 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG027910.D
Acq: 11 Jul 2017 9:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 473818

Ion	Ratio	Lower	Upper
99	100		
42	10.1	20.5	30.7#
71	24.2	37.6	56.4#

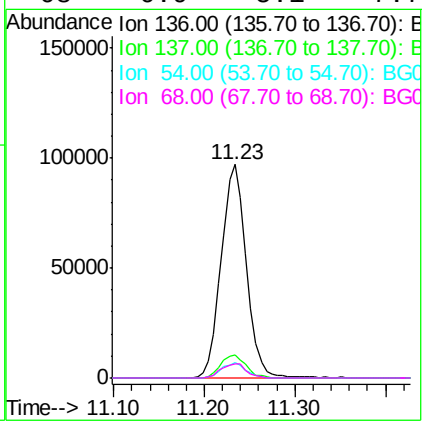


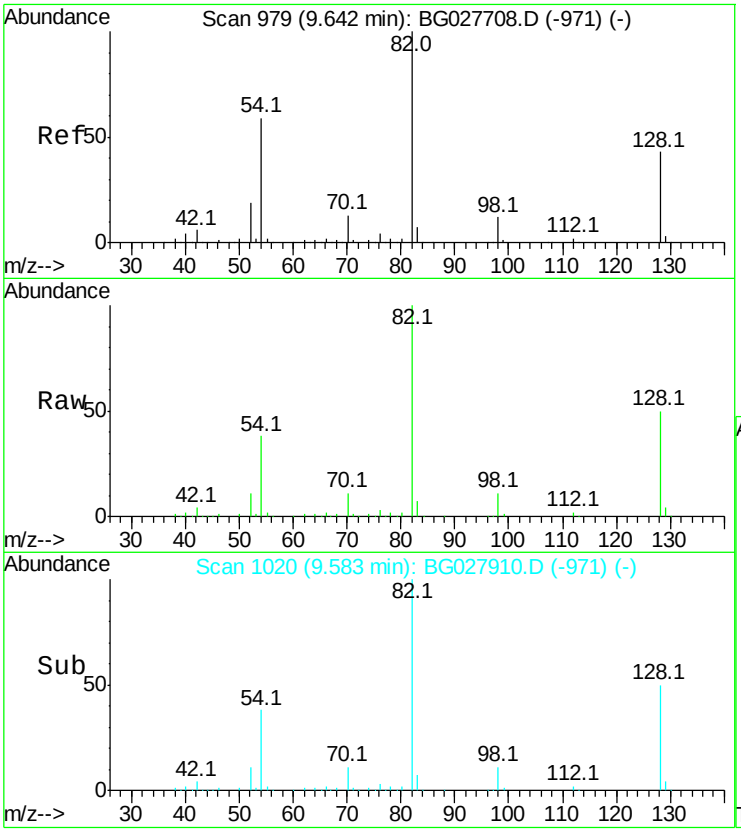


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.23 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BG027910.D
Acq: 11 Jul 2017 9:01

Tgt Ion:136 Resp: 186774

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.3	9.3	13.9#
68	6.9	5.1	7.7



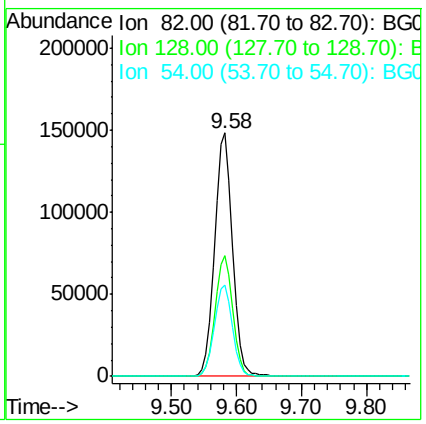


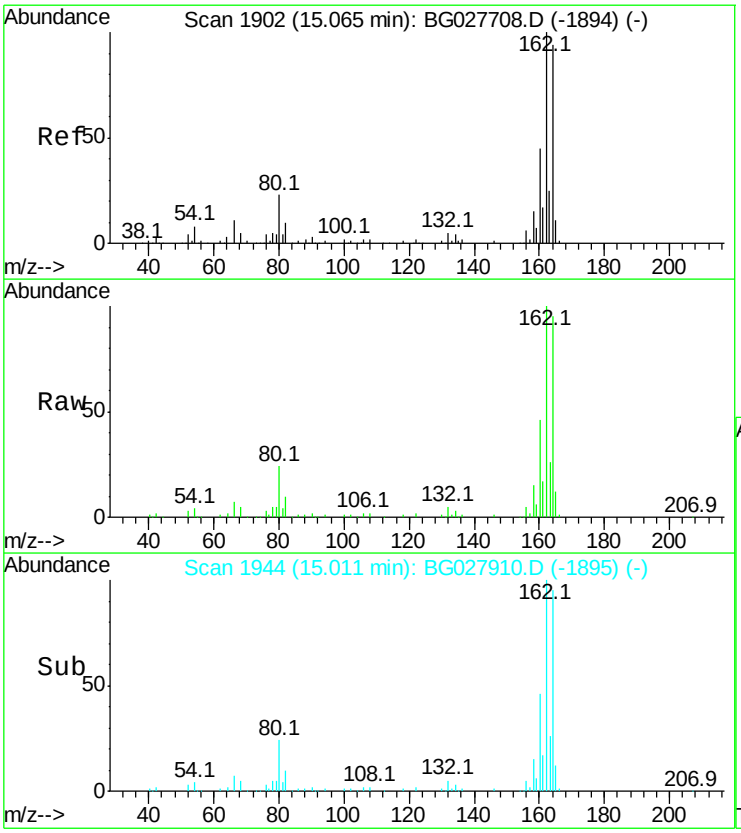
#23
Nitrobenzene-d5
Concen: 84.148 ng
RT: 9.58 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG027910.D
Acq: 11 Jul 2017 9:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 281960

Ion	Ratio	Lower	Upper
82	100		
128	49.8	26.4	39.6#
54	37.6	49.4	74.2#

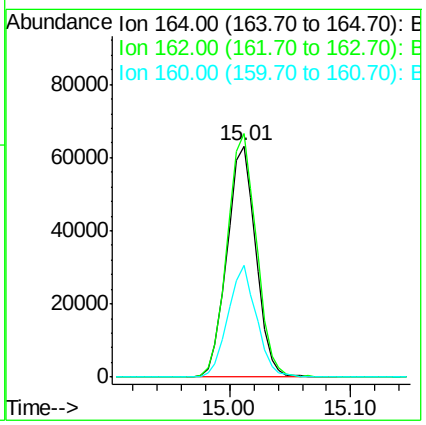


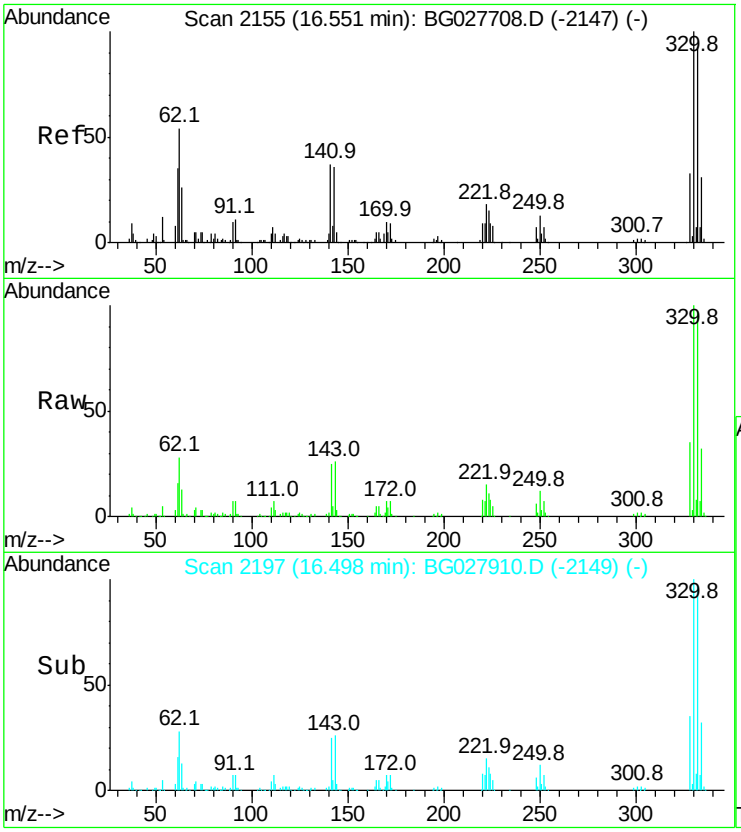


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.01 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG027910.D
Acq: 11 Jul 2017 9:01

Tgt Ion:164 Resp: 105105

Ion	Ratio	Lower	Upper
164	100		
162	105.4	85.1	127.7
160	48.3	34.7	52.1



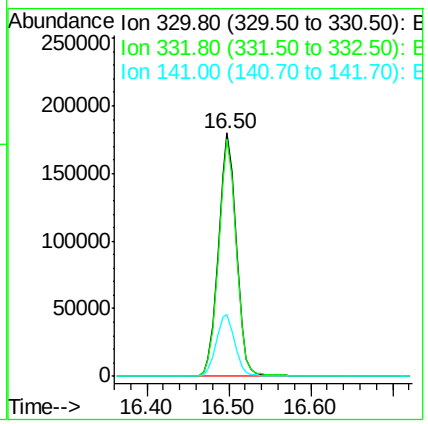


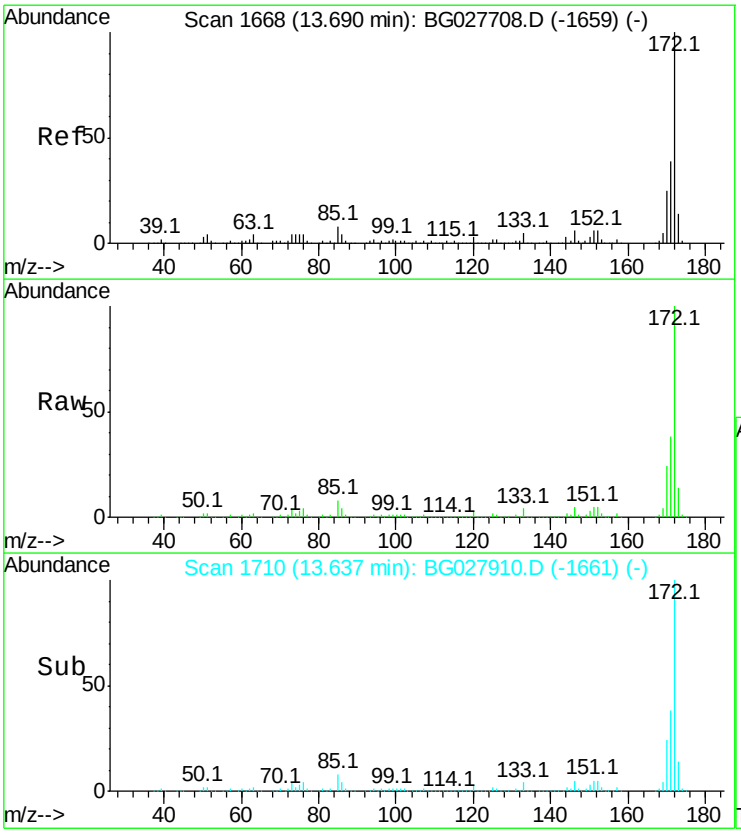
#41
2,4,6-Tribromophenol
Concen: 191.173 ng
RT: 16.50 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BG027910.D
Acq: 11 Jul 2017 9:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 275600

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	26.3	32.1	48.1#

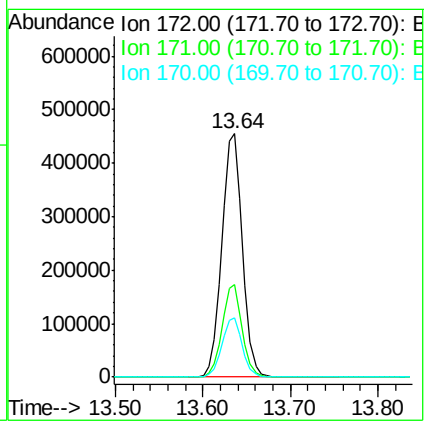


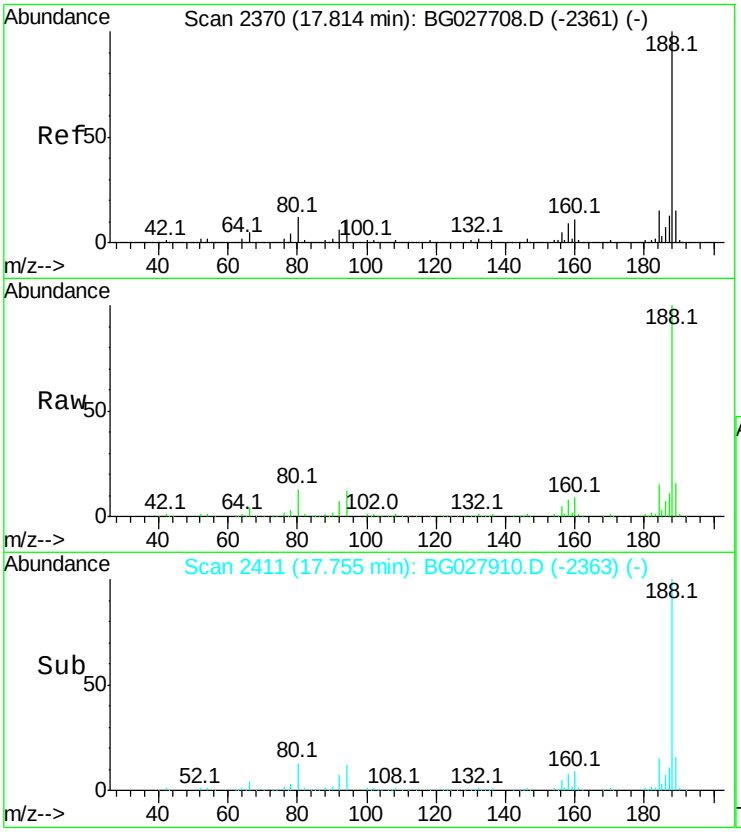


#44
2-Fluorobiphenyl
Concen: 100.318 ng
RT: 13.64 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG027910.D
Acq: 11 Jul 2017 9:01

Tgt Ion:172 Resp: 738280

Ion	Ratio	Lower	Upper
172	100		
171	38.1	32.2	48.2
170	24.4	21.8	32.6



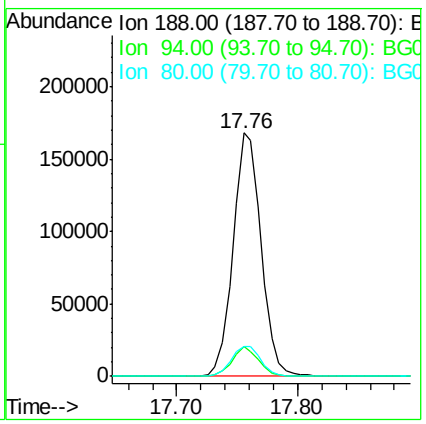


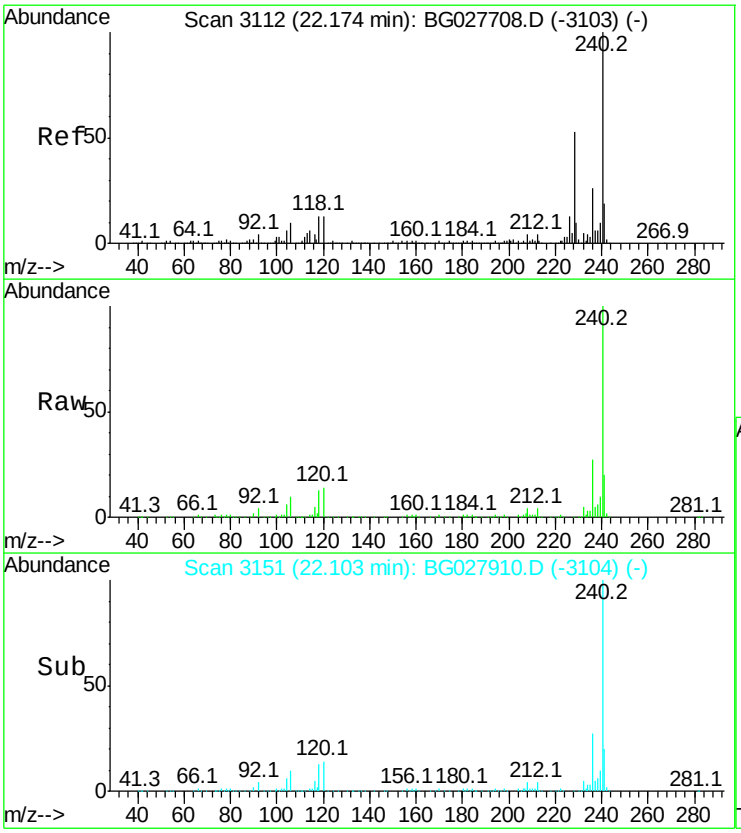
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.76 min Scan# 2411
Delta R.T. -0.02 min
Lab File: BG027910.D
Acq: 11 Jul 2017 9:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 270690

Ion	Ratio	Lower	Upper
188	100		
94	12.2	5.8	8.8#
80	12.5	7.5	11.3#

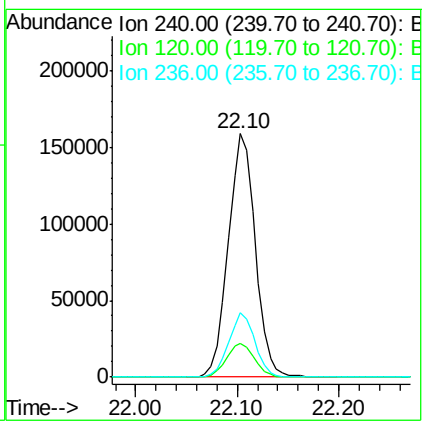


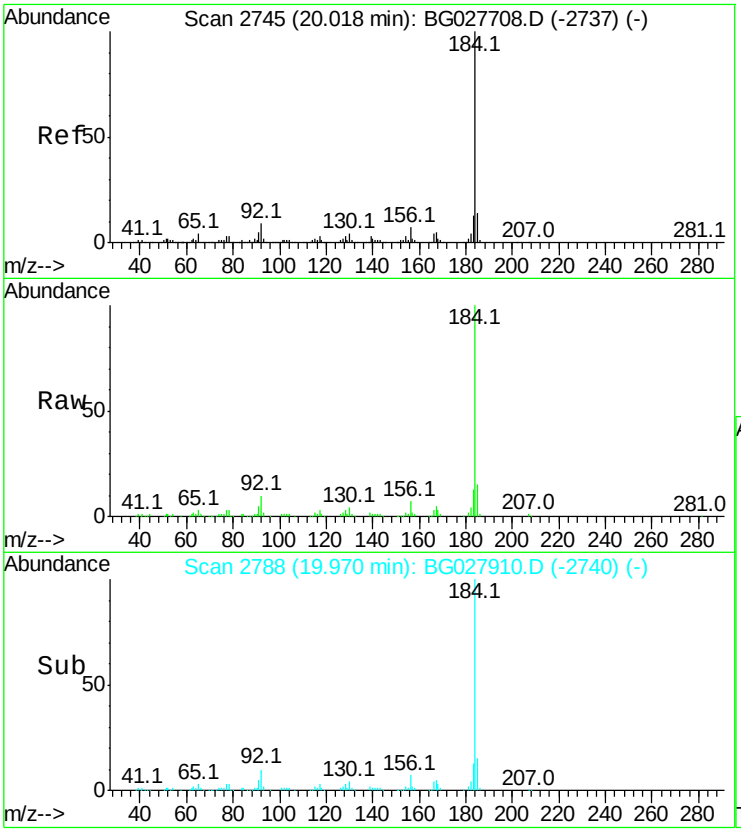


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.10 min Scan# 3151
Delta R.T. -0.03 min
Lab File: BG027910.D
Acq: 11 Jul 2017 9:01

Tgt Ion:240 Resp: 293737

Ion	Ratio	Lower	Upper
240	100		
120	13.8	5.7	8.5#
236	26.5	22.2	33.4



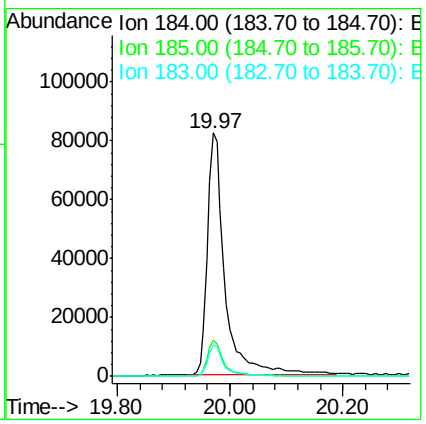


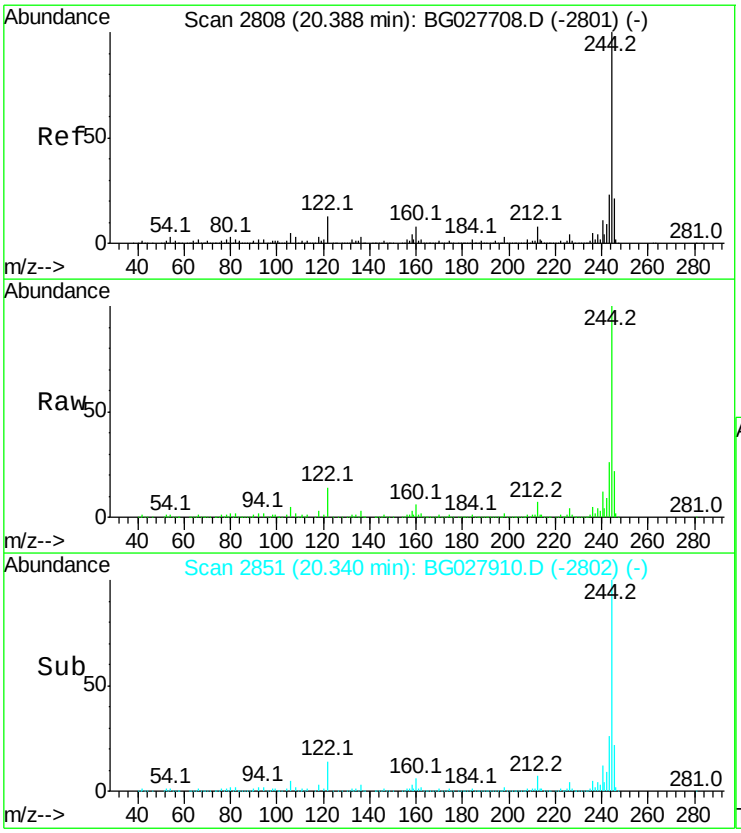
#76
Benzidine
Concen: 26.509 ng
RT: 19.97 min Scan# 2788
Delta R.T. -0.02 min
Lab File: BG027910.D
Acq: 11 Jul 2017 9:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 174555

Ion	Ratio	Lower	Upper
184	100		
185	14.8	13.0	19.6
183	12.6	11.0	16.6

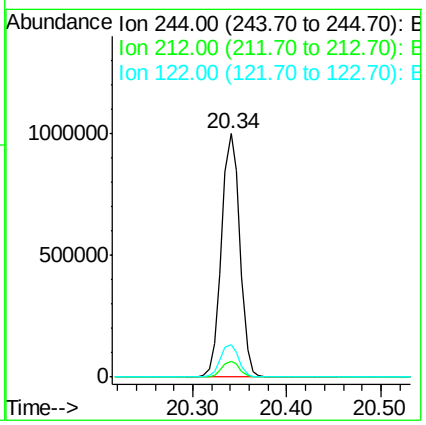


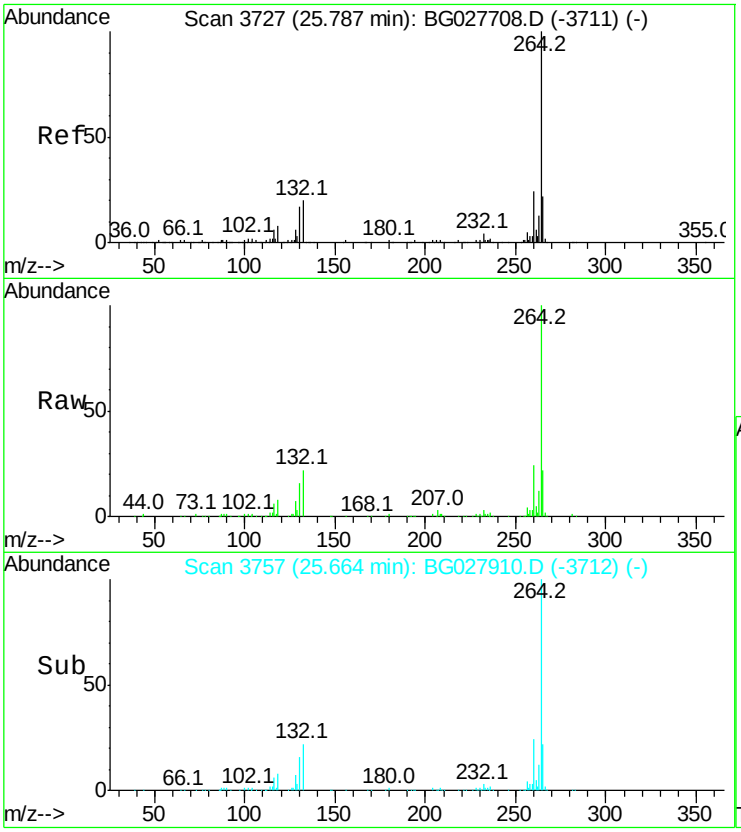


#78
Terphenyl-d14
Concen: 108.383 ng
RT: 20.34 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BG027910.D
Acq: 11 Jul 2017 9:01

Tgt Ion:244 Resp: 1357982

Ion	Ratio	Lower	Upper
244	100		
212	6.7	10.0	15.0#
122	13.6	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: BG027910.D
Acq: 11 Jul 2017 9:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 287865

Ion	Ratio	Lower	Upper
264	100		
260	23.5	21.8	32.8
265	21.7	18.2	27.4