Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071017\
Data File : BG027914.D
Acq On : 11 Jul 2017 11:39
Operator : SJ/JU
Sample : I4119-09RE
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 11 13:17:48 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	47165	20.00	ng	0.00
21) Naphthalene-d8	11.23	136	199649	20.00	ng	-0.01
38) Acenaphthene-d10	15.01	164	86921	20.00	ng	-0.01
63) Phenanthrene-d10	17.76	188	266633	20.00	ng	-0.01
75) Chrysene-d12	22.10	240	189034	20.00	ng	-0.03
86) Perylene-d12	25.67	264	16964	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.00	112	389622	127.21	ng	0.00
7) Phenol-d6	7.57	99	415870	88.88	ng	0.00
23) Nitrobenzene-d5	9.58	82	289179	80.74	ng	-0.01
41) 2,4,6-Tribromophenol	16.50	330	290698	243.83	ng	-0.02
44) 2-Fluorobiphenyl	13.64	172	774940	127.33	ng	-0.01
78) Terphenyl-d14	20.34	244	1290140	160.00	ng	-0.01
Target Compounds						Qvalue
76) Benzidine	19.97	184	338	3.287	ng	# 64

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

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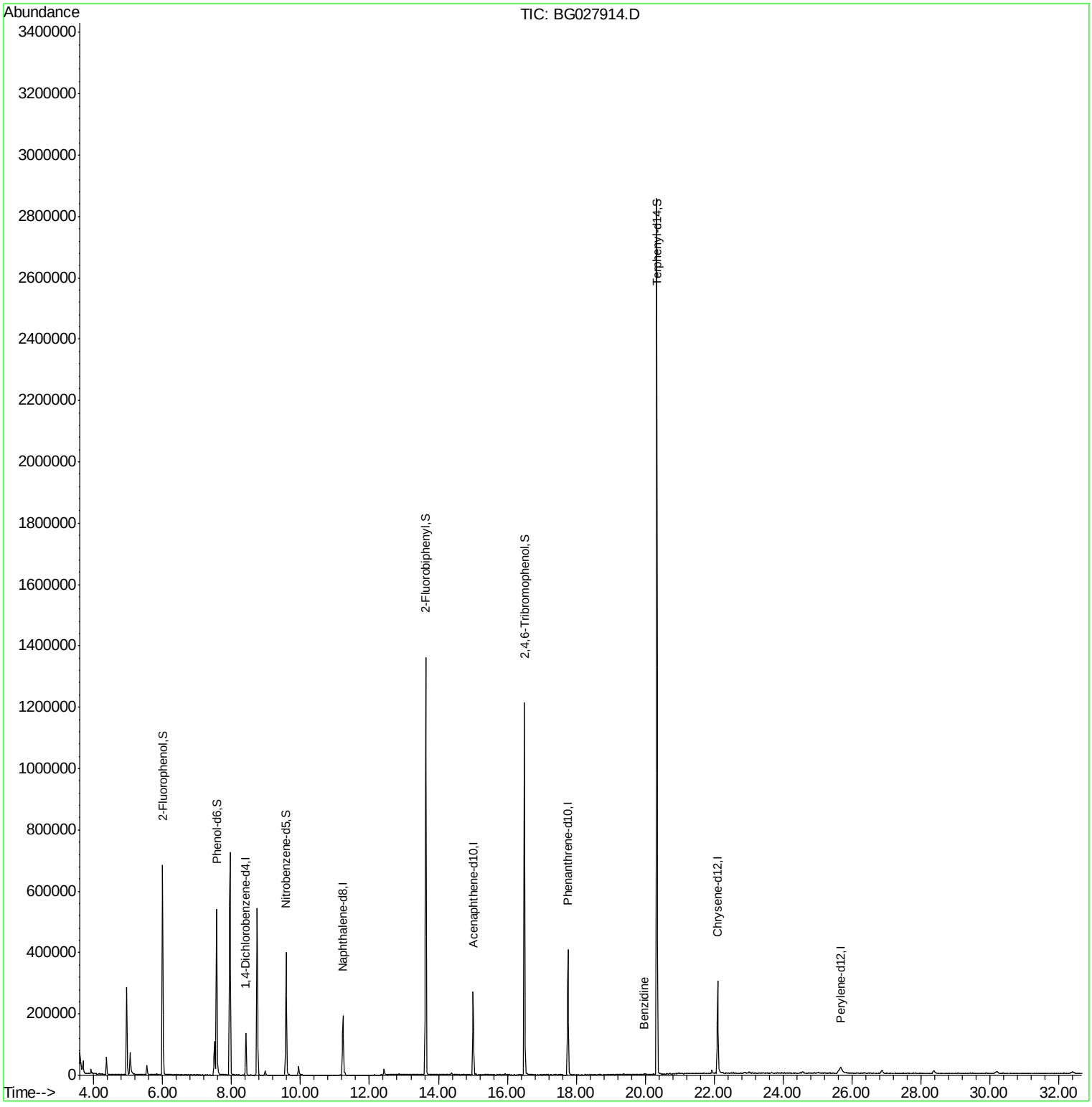
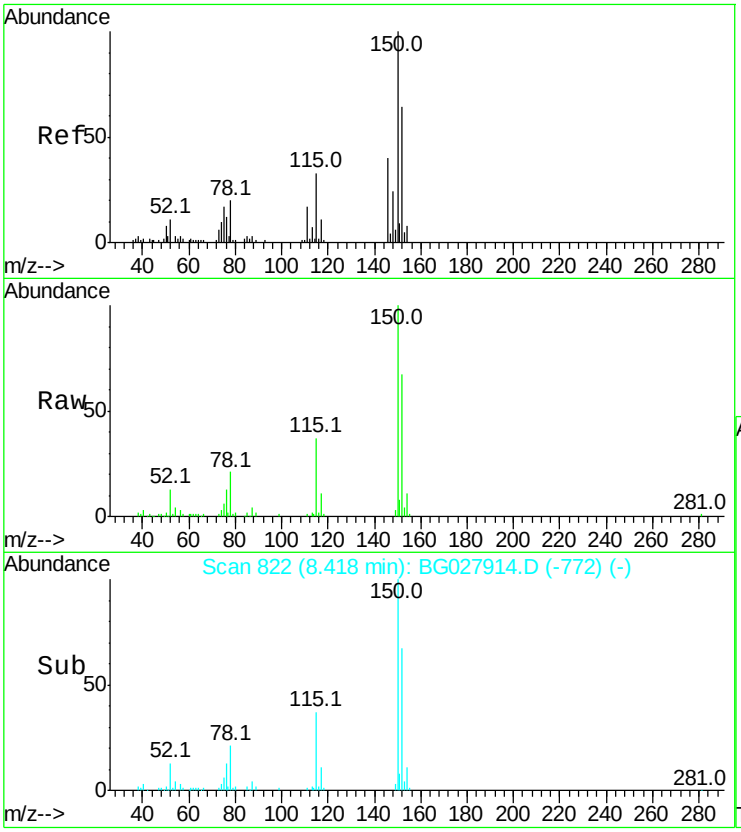


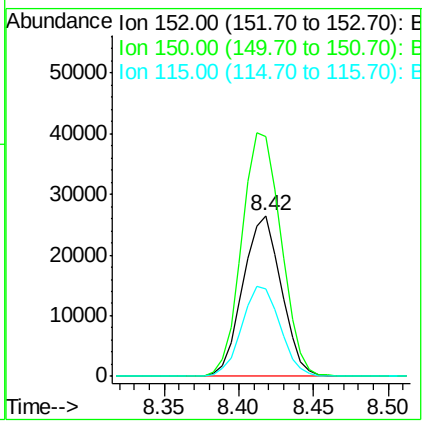


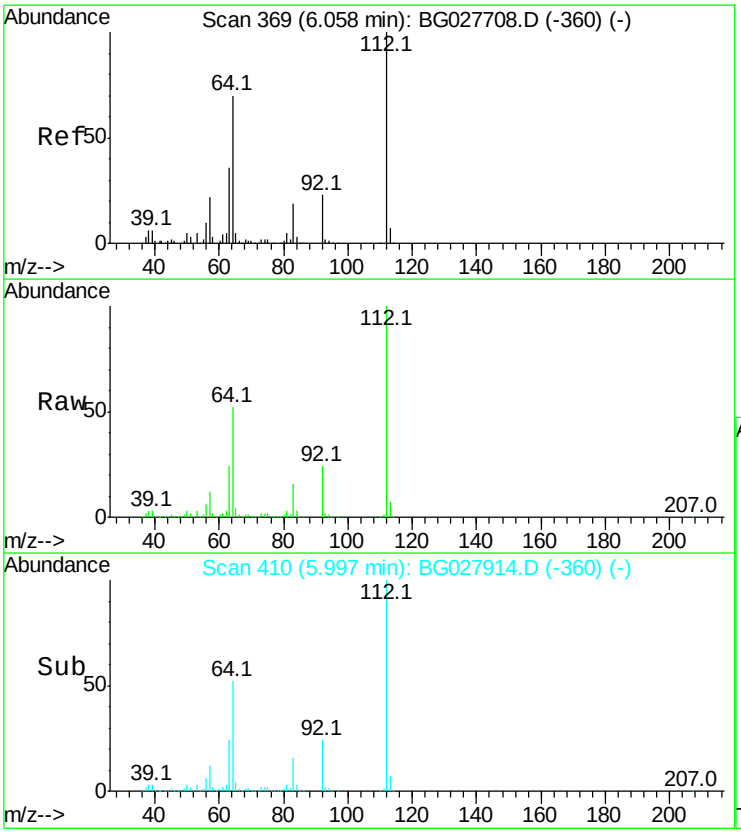
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.42 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG027914.D
Acq: 11 Jul 2017 11:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 47165

Ion	Ratio	Lower	Upper
152	100		
150	149.1	114.0	171.0
115	54.6	48.1	72.1

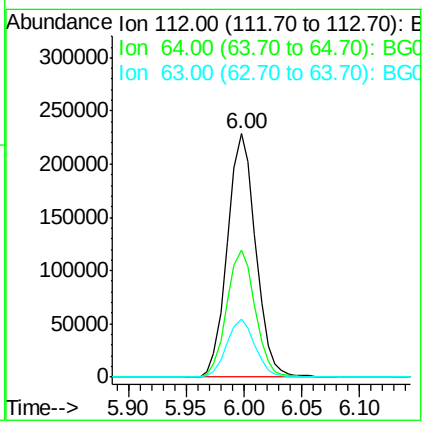


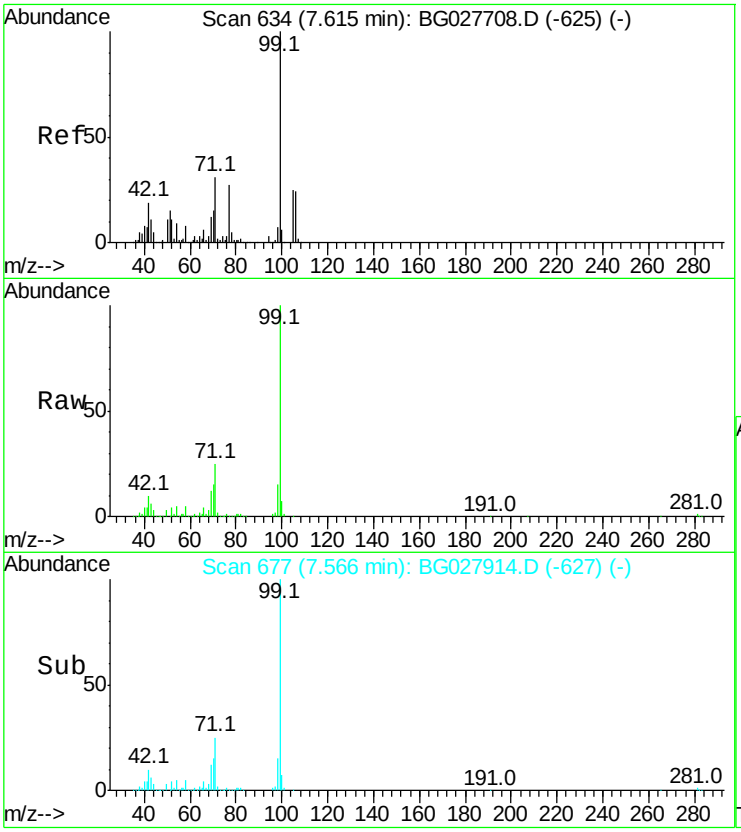


#5
2-Fluorophenol
Concen: 127.209 ng
RT: 6.00 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG027914.D
Acq: 11 Jul 2017 11:39

Tgt Ion:112 Resp: 389622

Ion	Ratio	Lower	Upper
112	100		
64	52.4	61.8	92.6#
63	24.0	37.2	55.8#



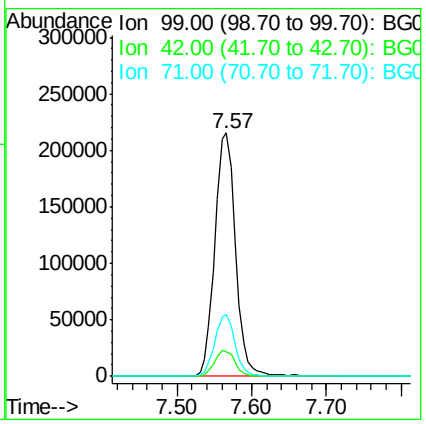


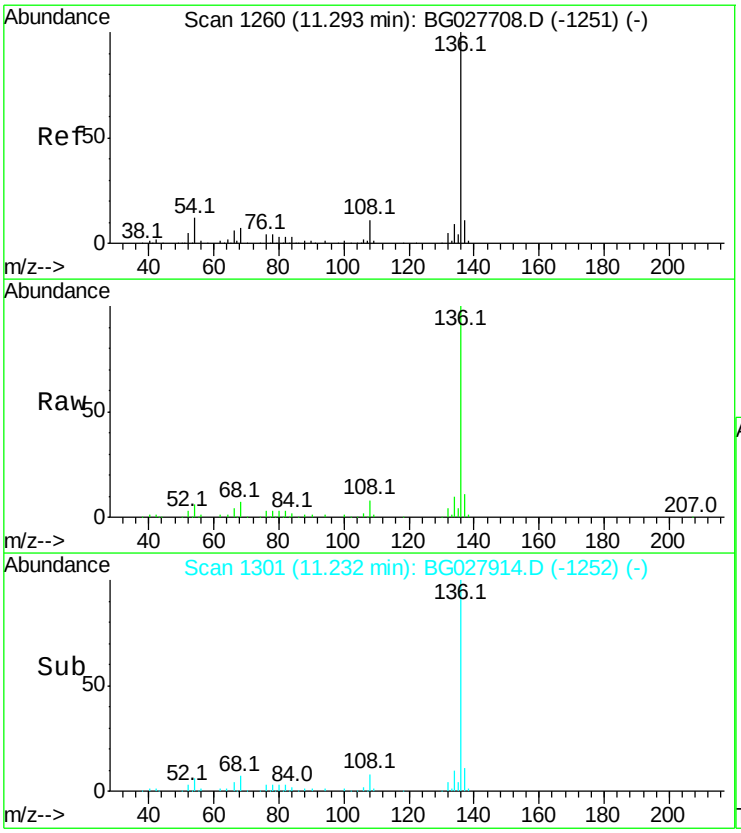
#7
Phenol-d6
Concen: 88.879 ng
RT: 7.57 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG027914.D
Acq: 11 Jul 2017 11:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 415870

Ion	Ratio	Lower	Upper
99	100		
42	10.3	20.5	30.7#
71	25.3	37.6	56.4#

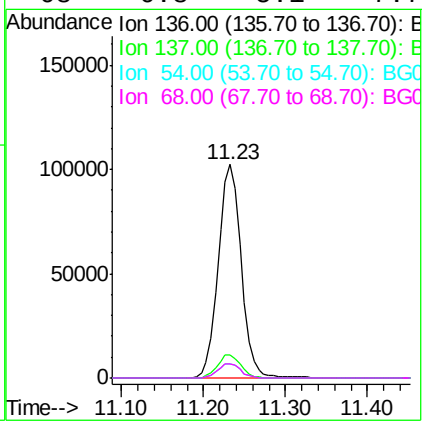


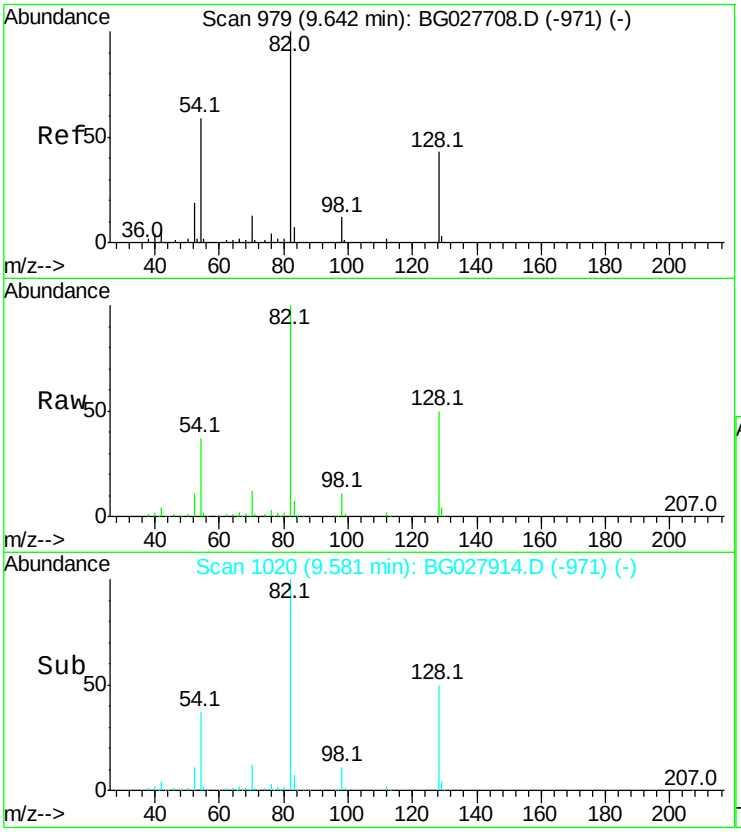


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.23 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BG027914.D
Acq: 11 Jul 2017 11:39

Tgt Ion:136 Resp: 199649

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.4	9.3	13.9#
68	6.8	5.1	7.7



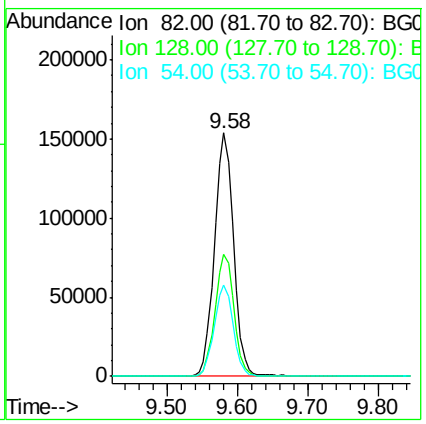


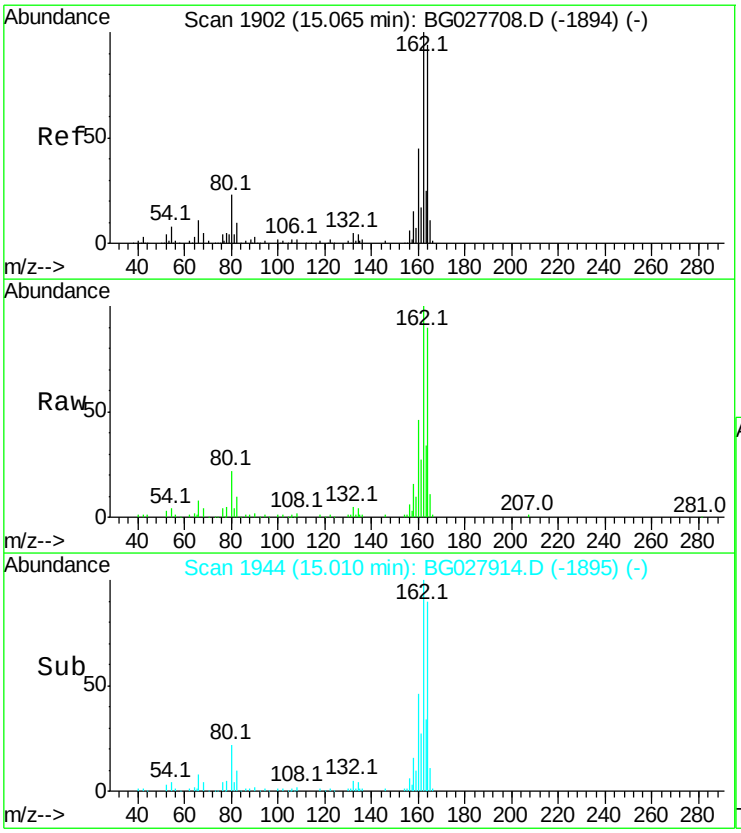
#23
Nitrobenzene-d5
Concen: 80.737 ng
RT: 9.58 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG027914.D
Acq: 11 Jul 2017 11:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 289179

Ion	Ratio	Lower	Upper
82	100		
128	50.1	26.4	39.6#
54	37.2	49.4	74.2#

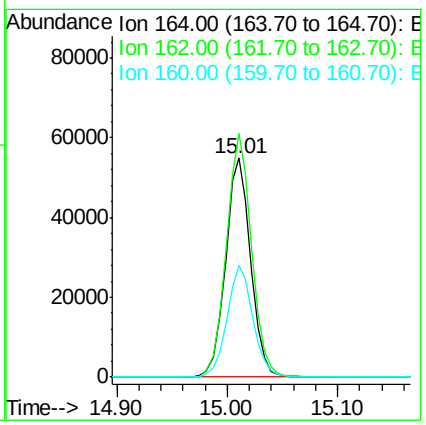


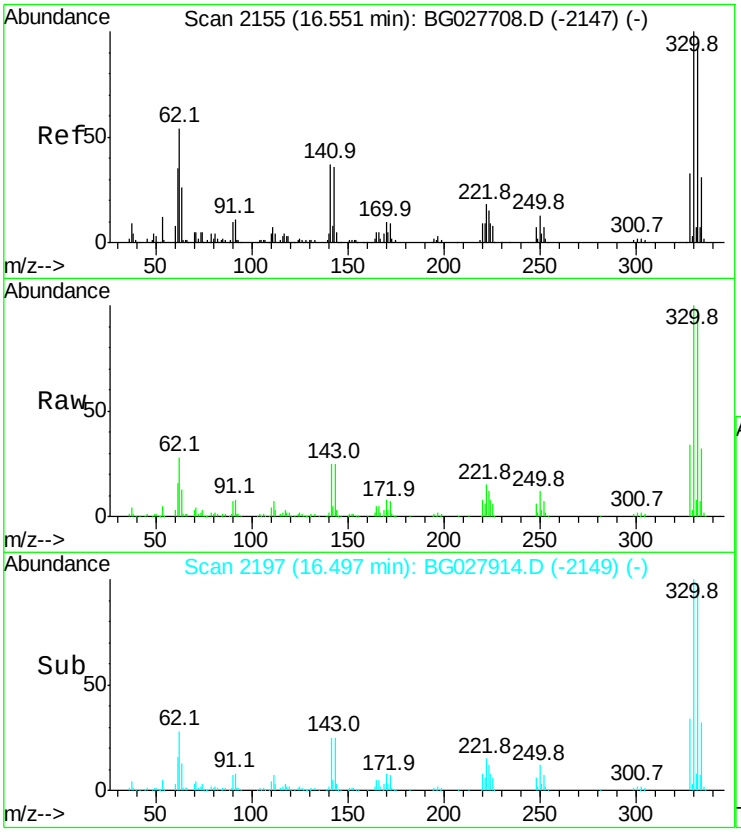


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.01 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG027914.D
Acq: 11 Jul 2017 11:39

Tgt Ion:164 Resp: 86921

Ion	Ratio	Lower	Upper
164	100		
162	111.1	85.1	127.7
160	51.2	34.7	52.1



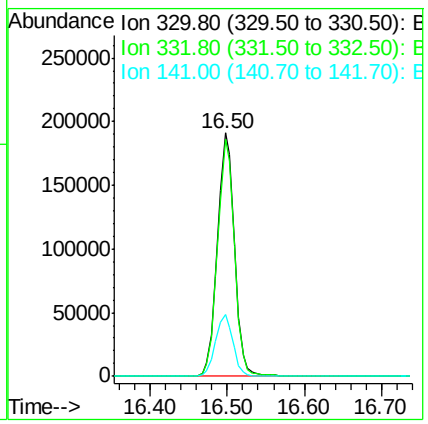


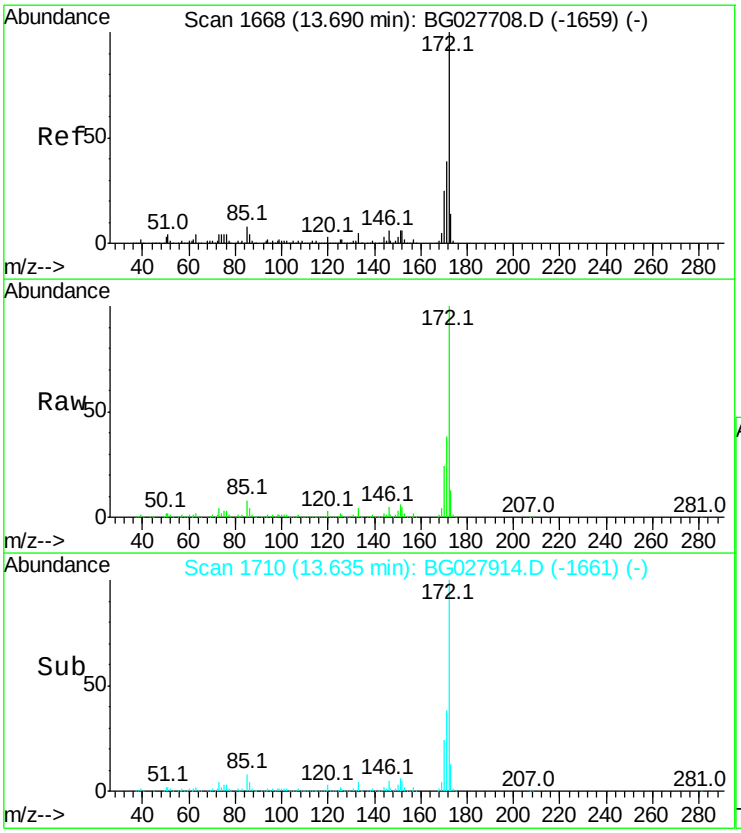
#41
2,4,6-Tribromophenol
Concen: 243.830 ng
RT: 16.50 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BG027914.D
Acq: 11 Jul 2017 11:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 290698

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	26.1	32.1	48.1#

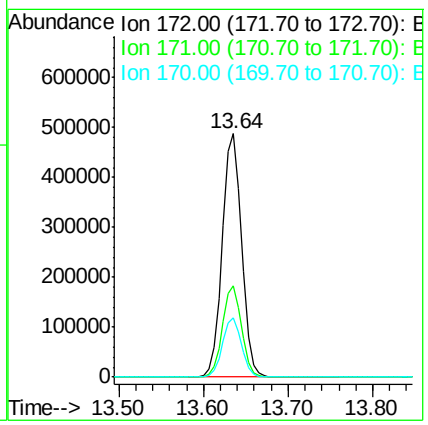


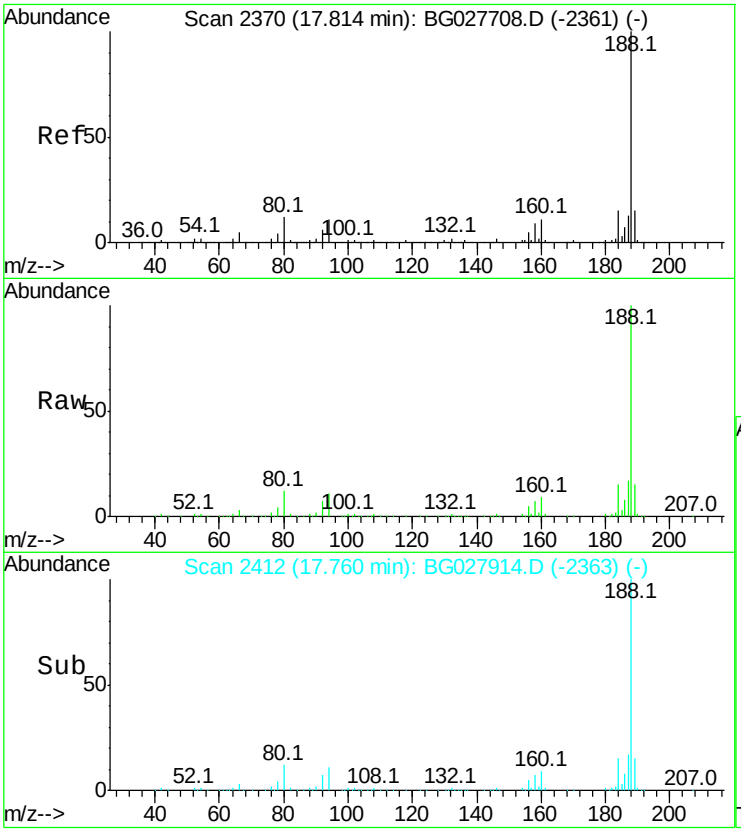


#44
2-Fluorobiphenyl
Concen: 127.328 ng
RT: 13.64 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG027914.D
Acq: 11 Jul 2017 11:39

Tgt Ion:172 Resp: 774940

Ion	Ratio	Lower	Upper
172	100		
171	37.7	32.2	48.2
170	24.3	21.8	32.6



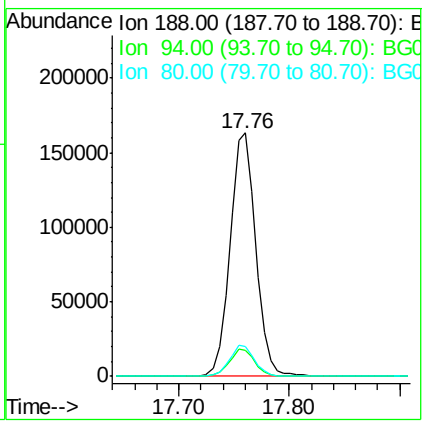


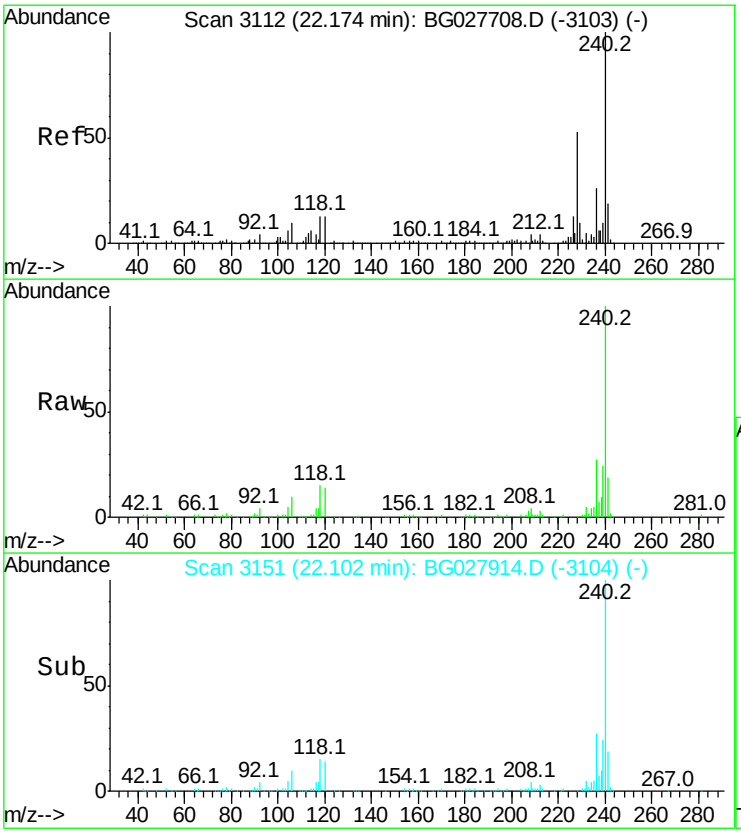
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.76 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG027914.D
Acq: 11 Jul 2017 11:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 266633

Ion	Ratio	Lower	Upper
188	100		
94	10.8	5.8	8.8#
80	12.1	7.5	11.3#

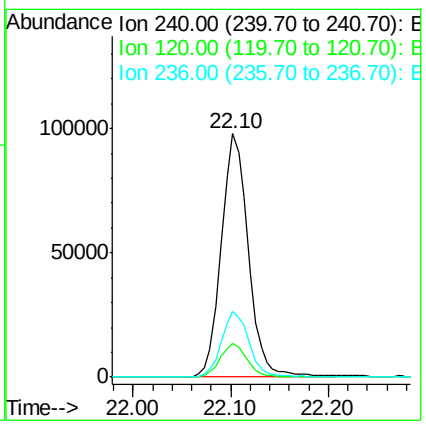


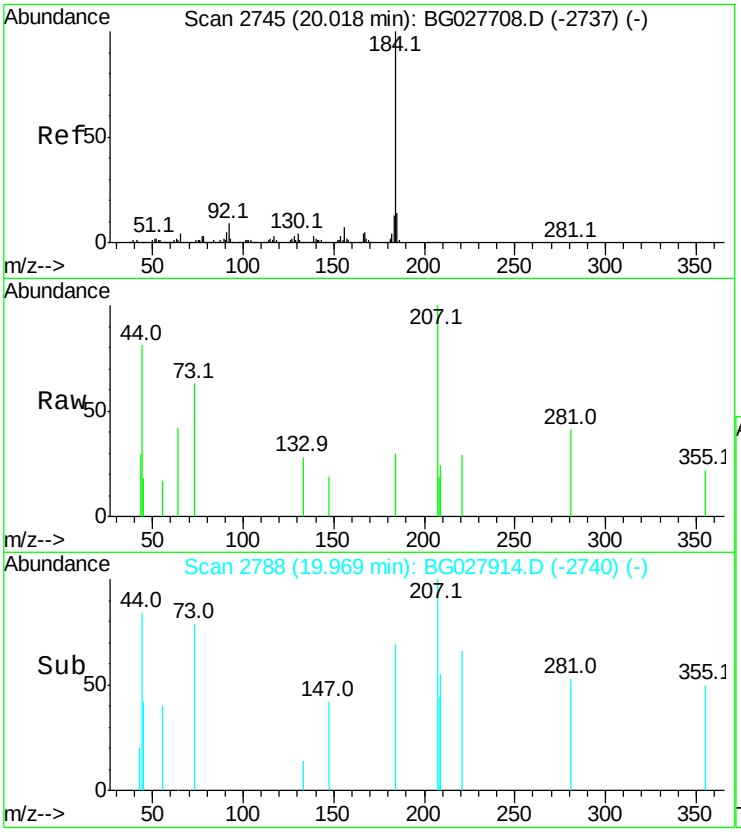


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.10 min Scan# 3151
Delta R.T. -0.03 min
Lab File: BG027914.D
Acq: 11 Jul 2017 11:39

Tgt Ion:240 Resp: 189034

Ion	Ratio	Lower	Upper
240	100		
120	13.7	5.7	8.5#
236	26.8	22.2	33.4



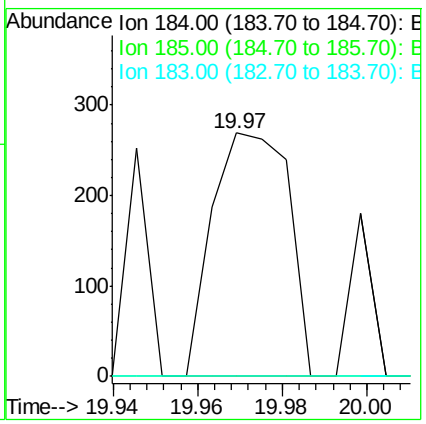


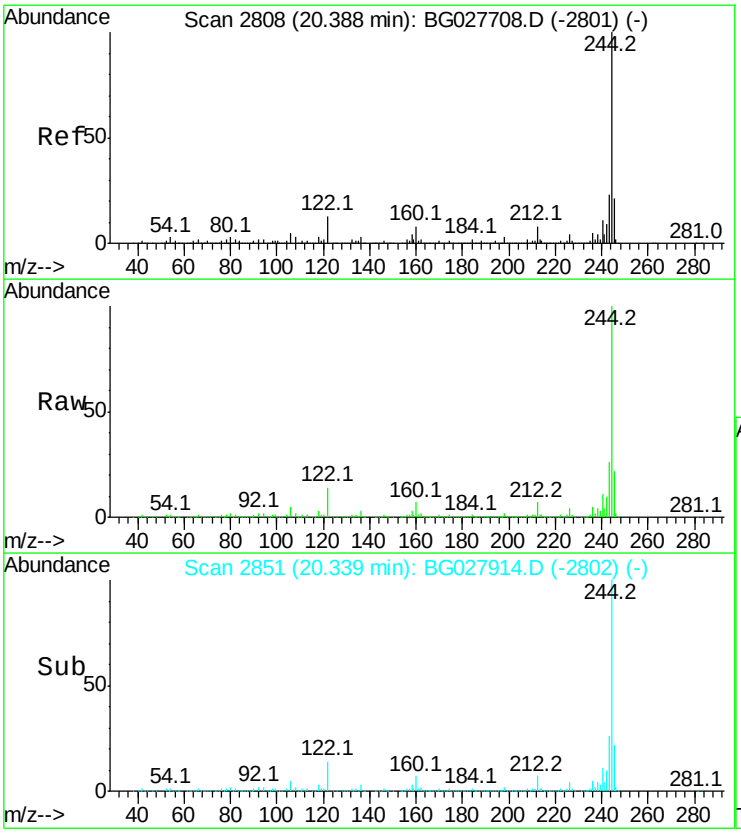
#76
Benzidine
Concen: 3.287 ng
RT: 19.97 min Scan# 2788
Delta R.T. -0.02 min
Lab File: BG027914.D
Acq: 11 Jul 2017 11:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 338

Ion	Ratio	Lower	Upper
184	100		
185	0.0	13.0	19.6#
183	0.0	11.0	16.6#

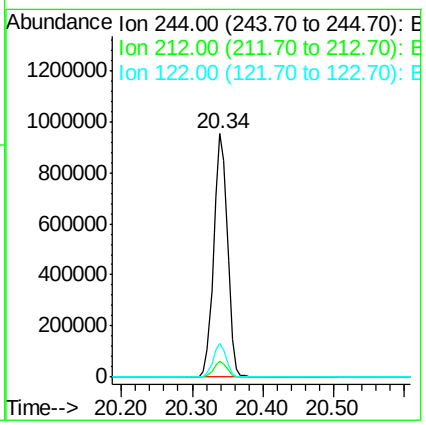


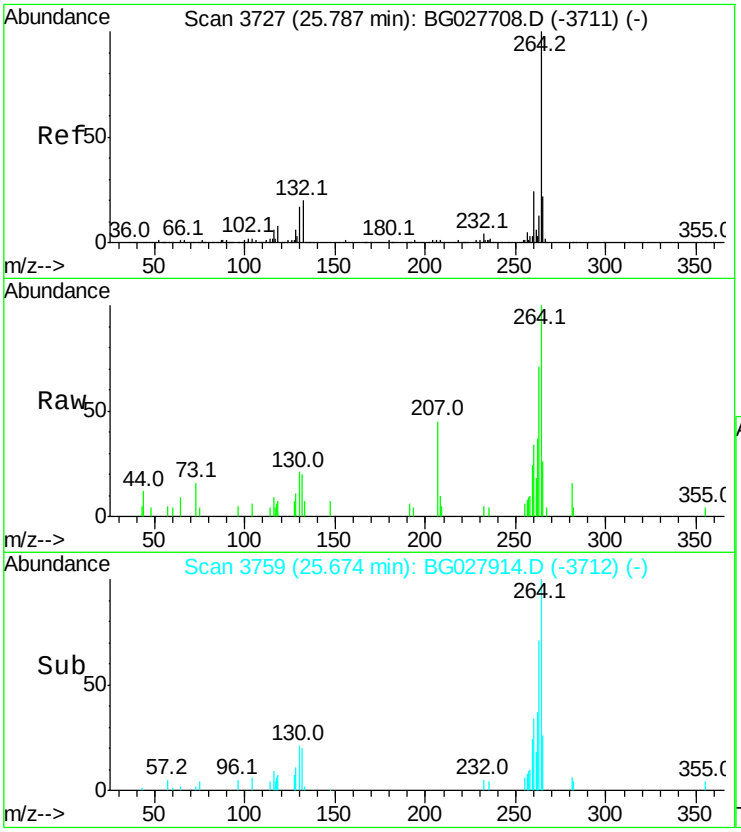


#78
Terphenyl-d14
Concen: 160.001 ng
RT: 20.34 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BG027914.D
Acq: 11 Jul 2017 11:39

Tgt Ion:244 Resp: 1290140

Ion	Ratio	Lower	Upper
244	100		
212	6.6	10.0	15.0#
122	14.1	8.6	12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.67 min Scan# 3759
Delta R.T. -0.03 min
Lab File: BG027914.D
Acq: 11 Jul 2017 11:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 16964

Ion	Ratio	Lower	Upper
264	100		
260	34.5	21.8	32.8#
265	25.5	18.2	27.4