Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071017\
Data File : BG027894.D
Acq On : 10 Jul 2017 19:28
Operator : SJ/JU
Sample : I4071-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-06-070617-A

Quant Time: Jul 11 07:37:36 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	43786	20.00	ng	0.00
21) Naphthalene-d8	11.23	136	190654	20.00	ng	-0.02
38) Acenaphthene-d10	15.01	164	108598	20.00	ng	-0.02
63) Phenanthrene-d10	17.76	188	289418	20.00	ng	-0.02
75) Chrysene-d12	22.11	240	299329	20.00	ng	-0.02
86) Perylene-d12	25.67	264	161646	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.00	112	358987	126.25	ng	0.00
7) Phenol-d6	7.57	99	427846	98.49	ng	0.00
23) Nitrobenzene-d5	9.58	82	277540	81.14	ng	-0.02
41) 2,4,6-Tribromophenol	16.50	330	285010	191.34	ng	-0.02
44) 2-Fluorobiphenyl	13.63	172	748975	98.50	ng	-0.02
78) Terphenyl-d14	20.34	244	1342654	105.16	ng	0.00
Target Compounds						Qvalue

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

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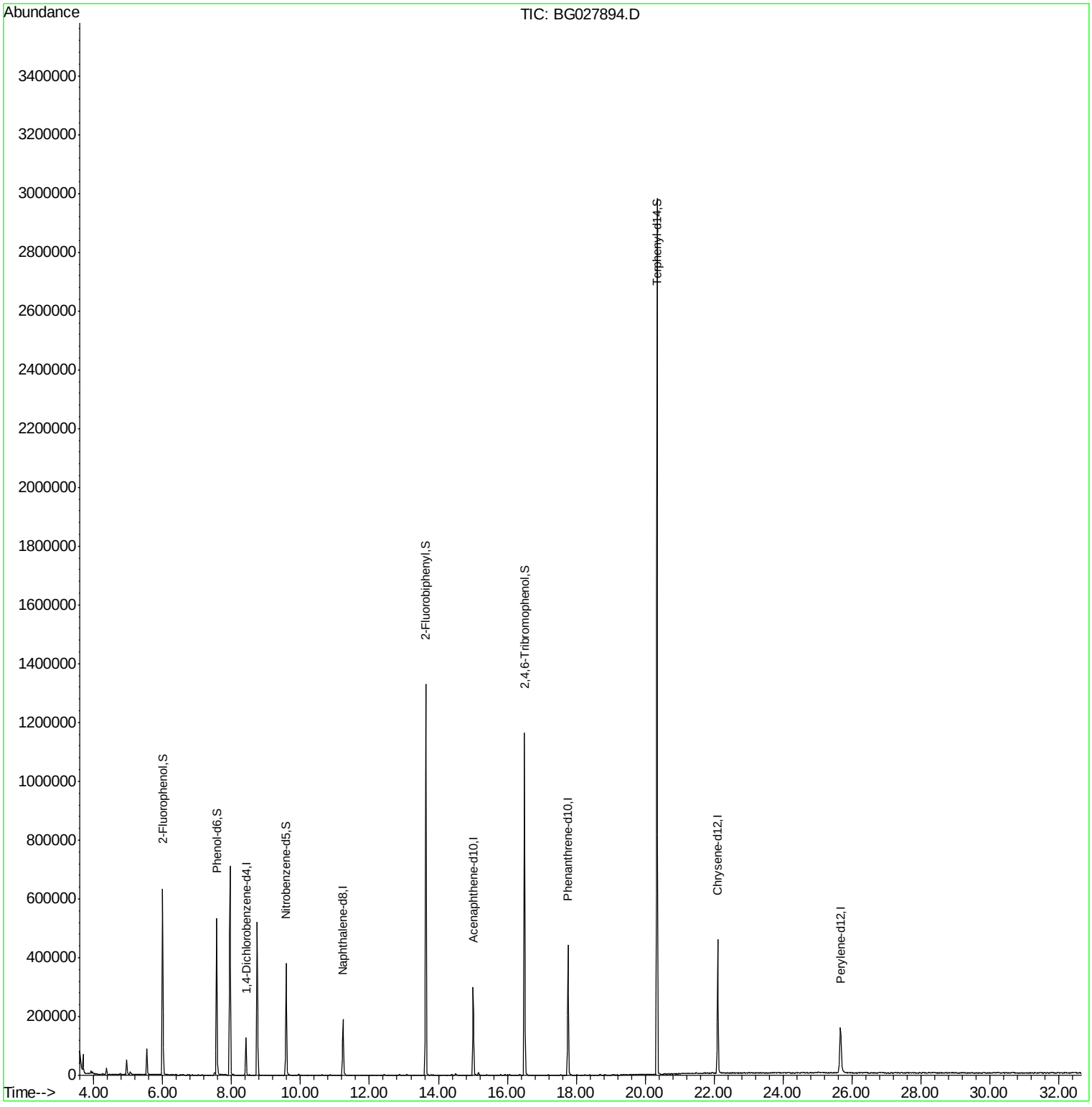
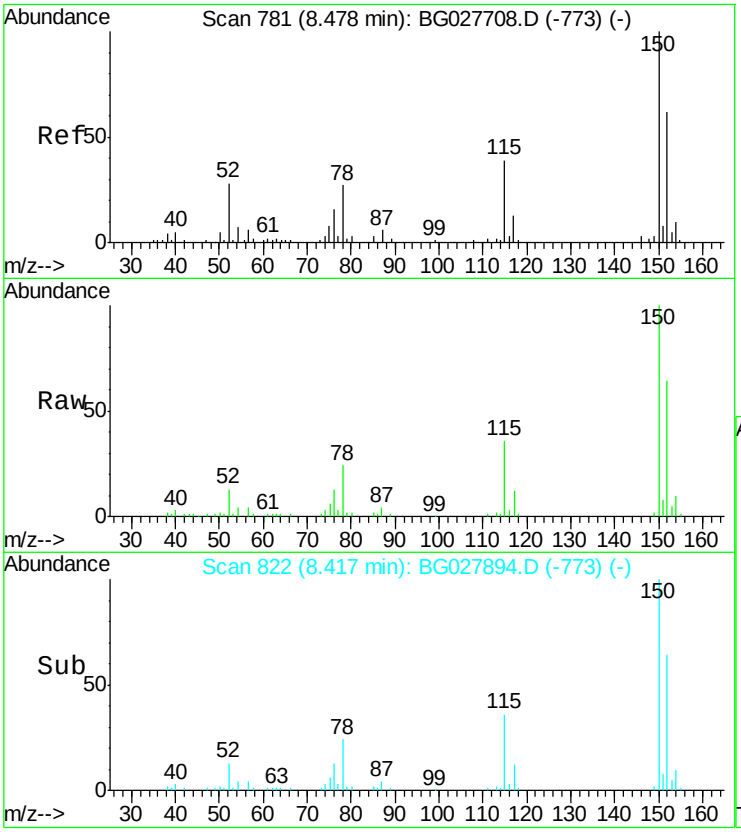


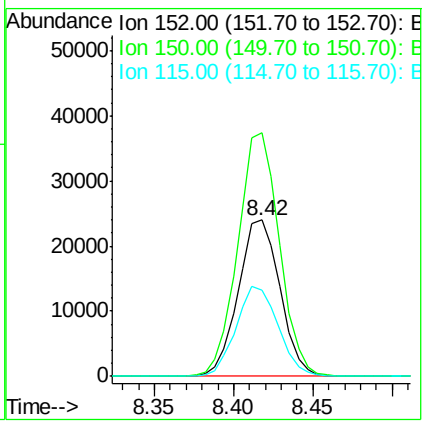


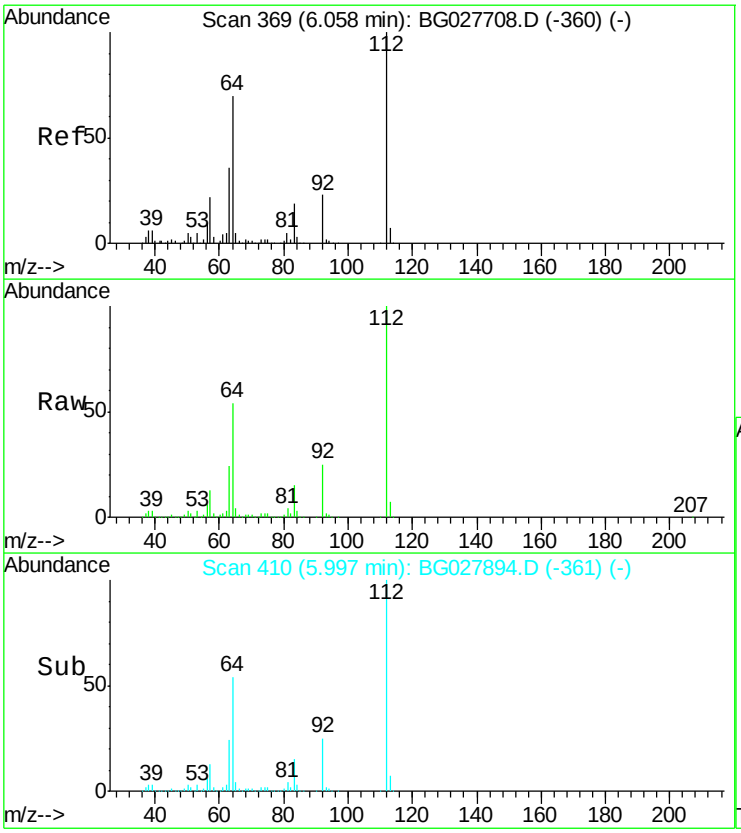
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.42 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG027894.D
Acq: 10 Jul 2017 19:28

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-A

Tgt Ion:152 Resp: 43786

Ion	Ratio	Lower	Upper
152	100		
150	156.1	114.0	171.0
115	55.4	48.1	72.1

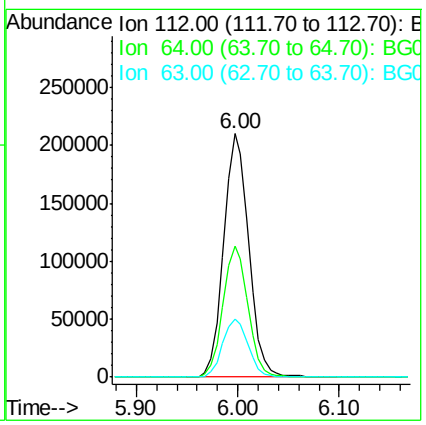


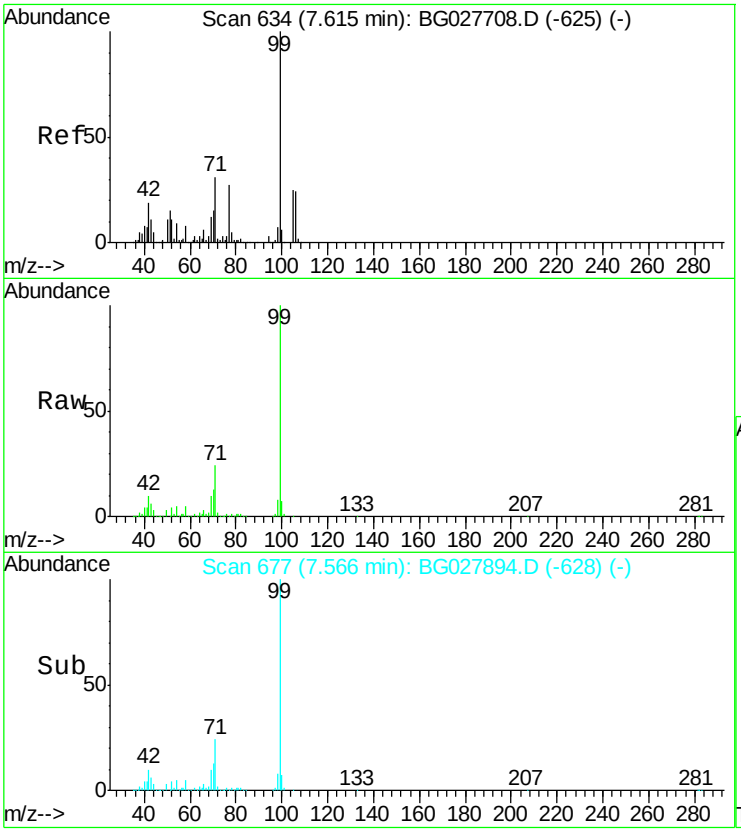


#5
2-Fluorophenol
Concen: 126.252 ng
RT: 6.00 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG027894.D
Acq: 10 Jul 2017 19:28

Tgt Ion:112 Resp: 358987

Ion	Ratio	Lower	Upper
112	100		
64	53.9	61.8	92.6#
63	23.9	37.2	55.8#



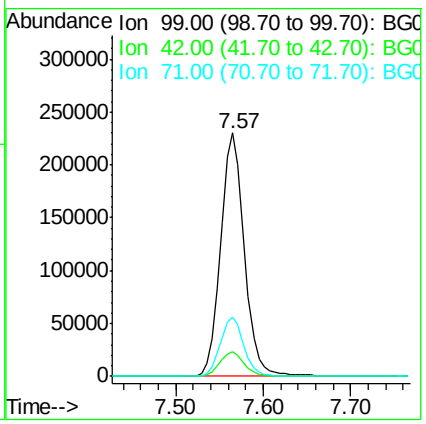


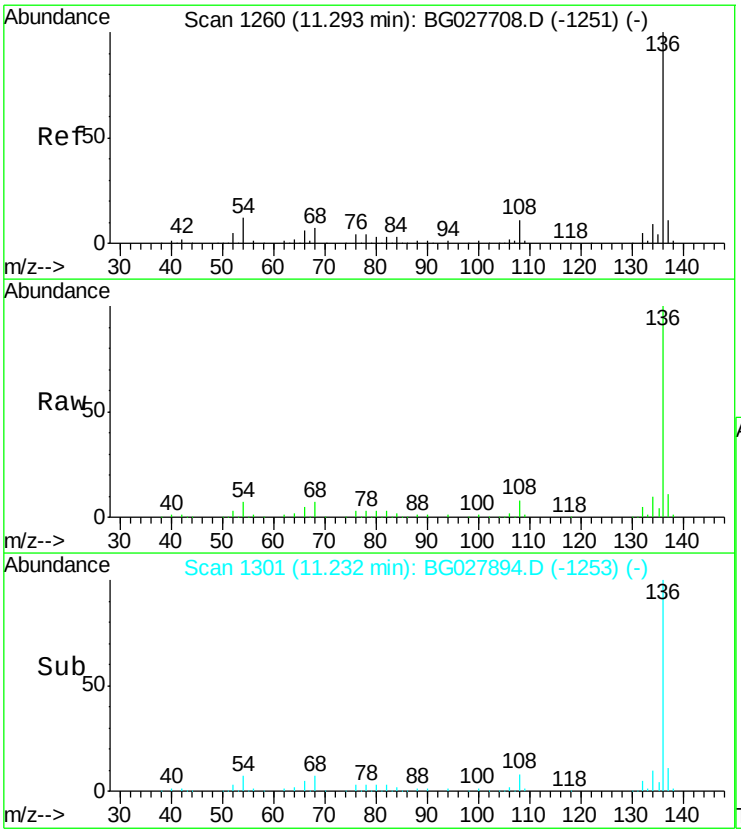
#7
Phenol-d6
Concen: 98.494 ng
RT: 7.57 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG027894.D
Acq: 10 Jul 2017 19:28

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-A

Tgt Ion: 99 Resp: 427846

Ion	Ratio	Lower	Upper
99	100		
42	10.2	20.5	30.7#
71	24.5	37.6	56.4#

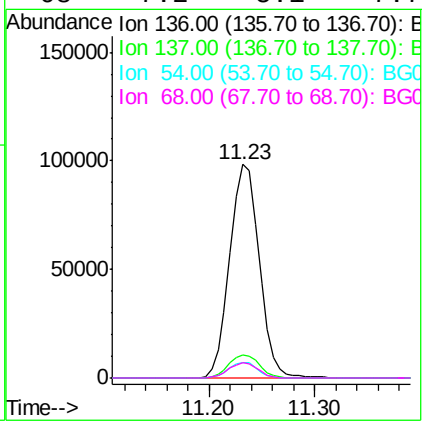


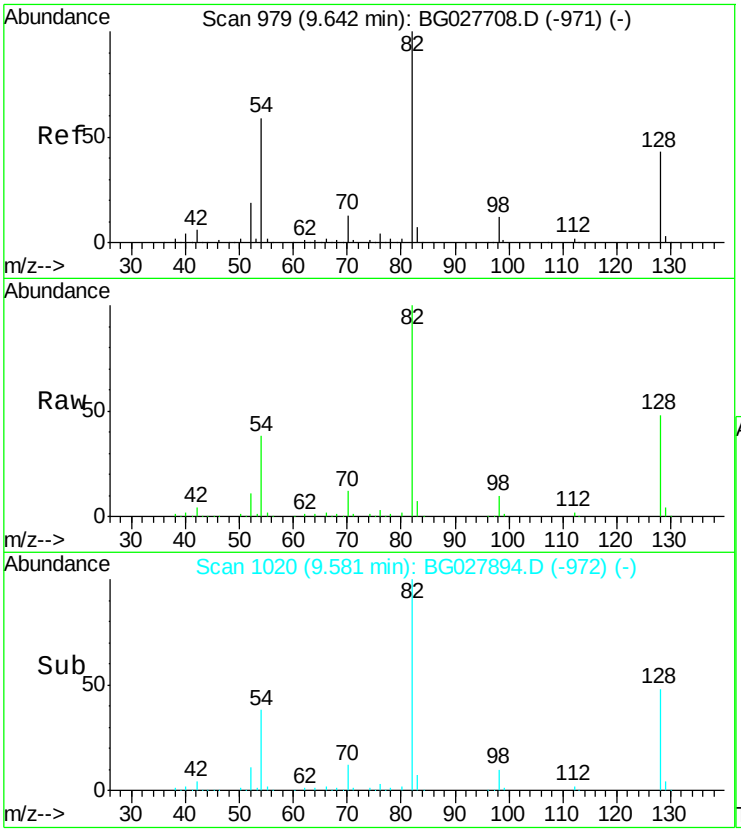


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.23 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG027894.D
Acq: 10 Jul 2017 19:28

Tgt Ion:136 Resp: 190654

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.5	9.3	13.9#
68	7.2	5.1	7.7



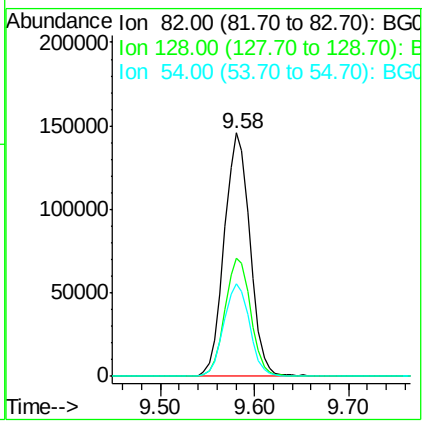


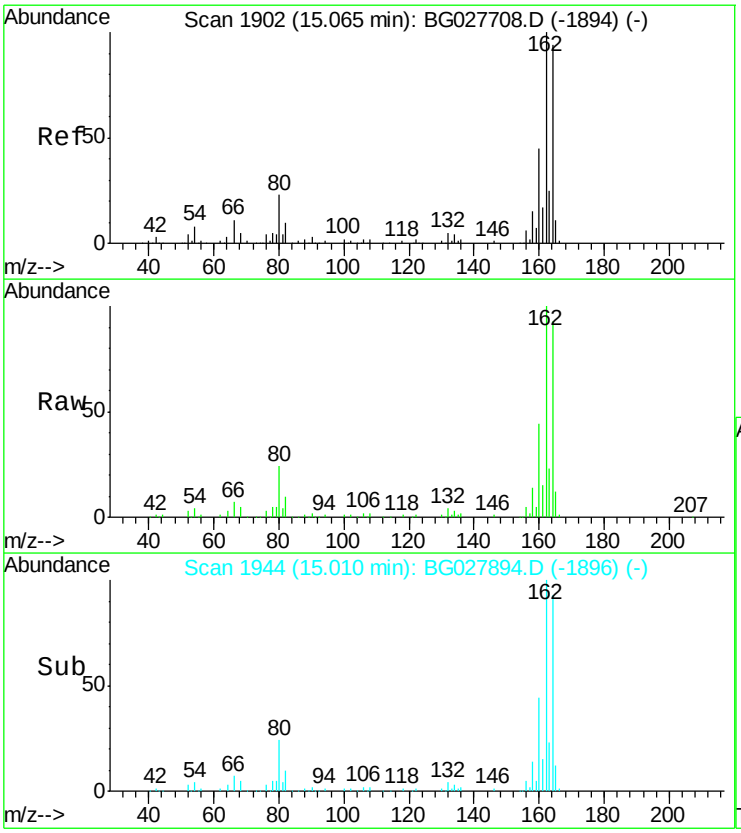
#23
Nitrobenzene-d5
Concen: 81.143 ng
RT: 9.58 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BG027894.D
Acq: 10 Jul 2017 19:28

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-A

Tgt Ion: 82 Resp: 277540

Ion	Ratio	Lower	Upper
82	100		
128	48.4	26.4	39.6#
54	38.0	49.4	74.2#

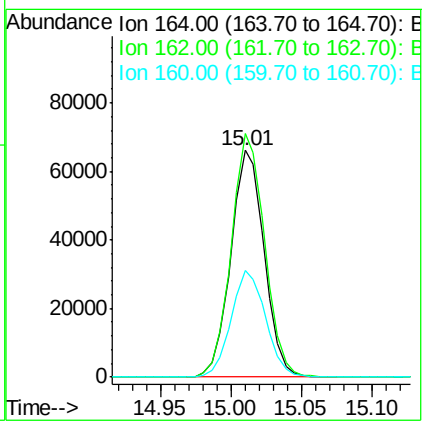


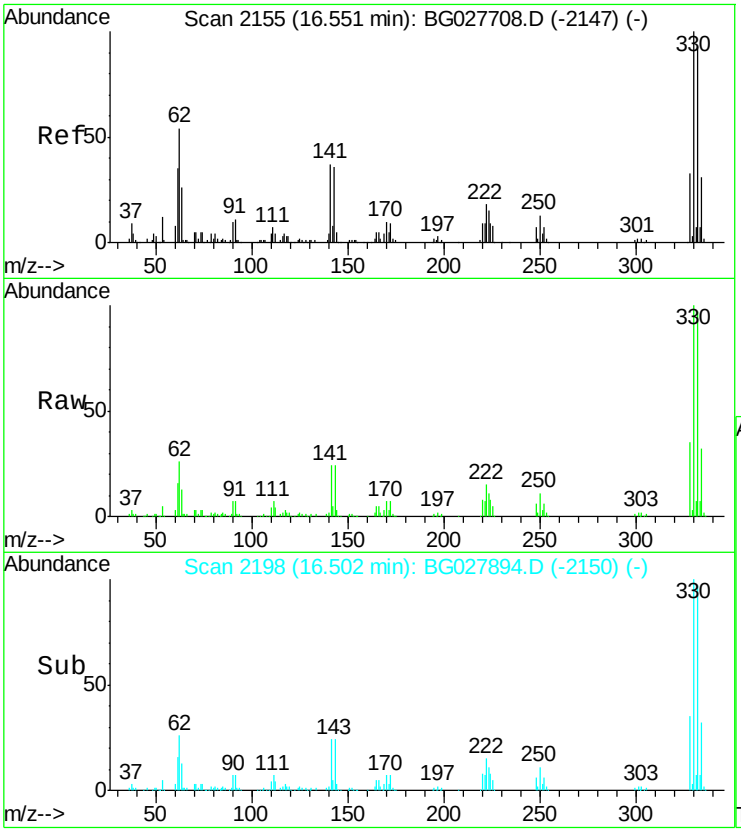


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.01 min Scan# 1944
Delta R.T. -0.02 min
Lab File: BG027894.D
Acq: 10 Jul 2017 19:28

Tgt Ion:164 Resp: 108598

Ion	Ratio	Lower	Upper
164	100		
162	107.4	85.1	127.7
160	47.0	34.7	52.1



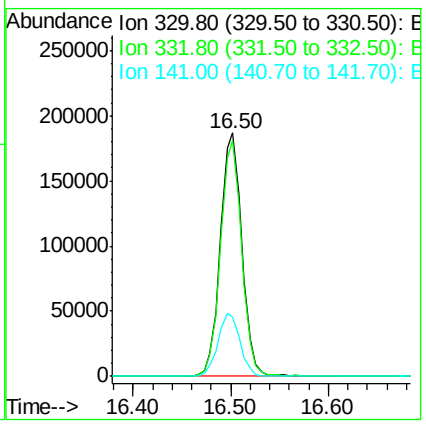


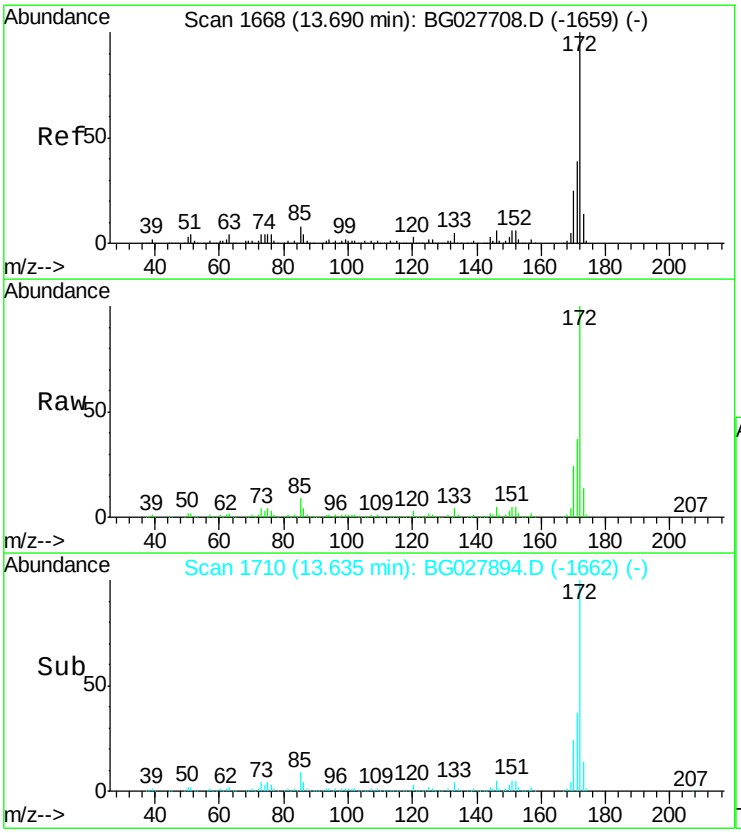
#41
2,4,6-Tribromophenol
Concen: 191.341 ng
RT: 16.50 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BG027894.D
Acq: 10 Jul 2017 19:28

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-A

Tgt Ion:330 Resp: 285010

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.3	115.9
141	26.7	32.1	48.1#

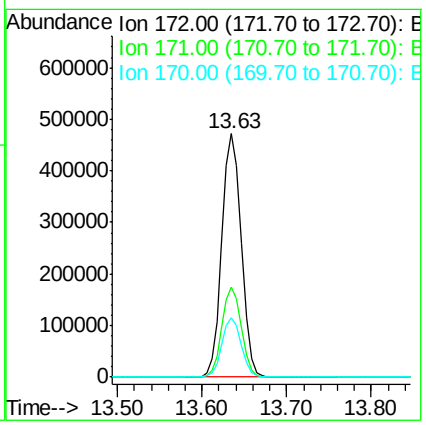


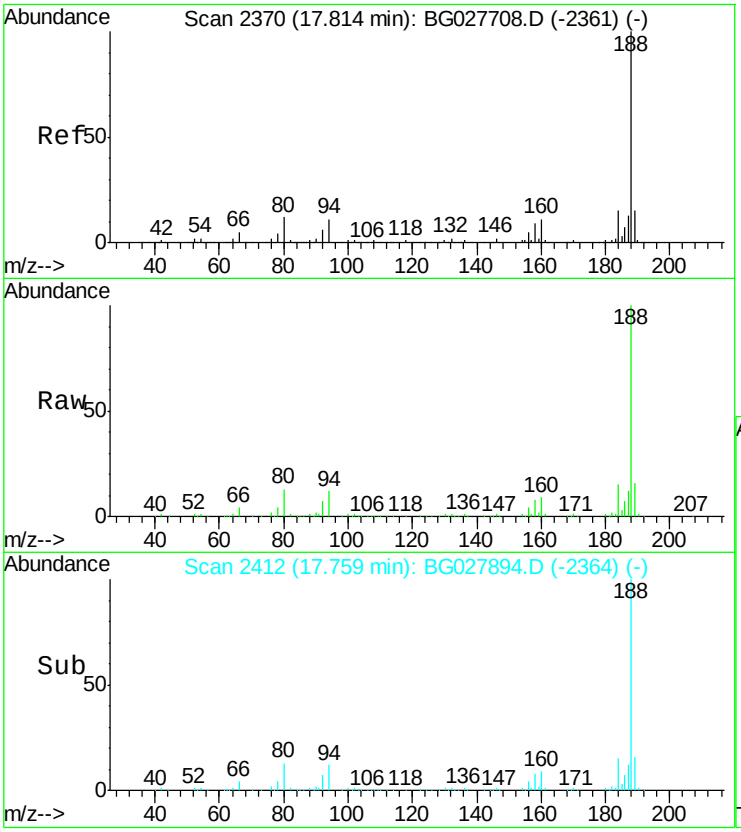


#44
2-Fluorobiphenyl
Concen: 98.498 ng
RT: 13.63 min Scan# 1710
Delta R.T. -0.02 min
Lab File: BG027894.D
Acq: 10 Jul 2017 19:28

Tgt Ion:172 Resp: 748975

Ion	Ratio	Lower	Upper
172	100		
171	36.9	32.2	48.2
170	24.4	21.8	32.6



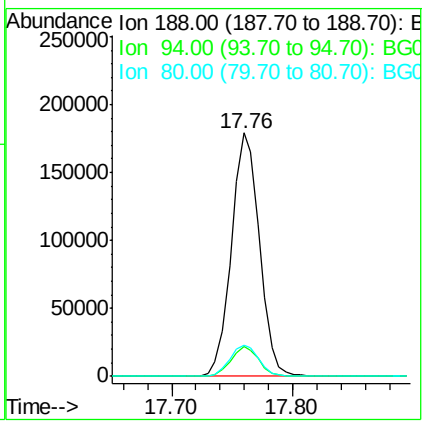


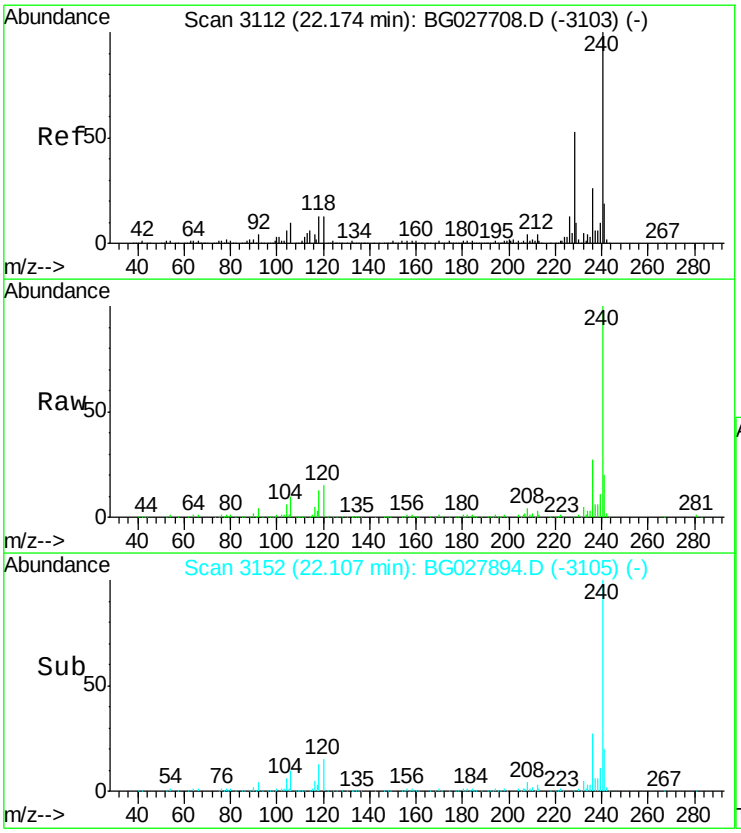
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.76 min Scan# 2412
Delta R.T. -0.02 min
Lab File: BG027894.D
Acq: 10 Jul 2017 19:28

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-A

Tgt Ion:188 Resp: 289418

Ion	Ratio	Lower	Upper
188	100		
94	12.3	5.8	8.8#
80	12.6	7.5	11.3#

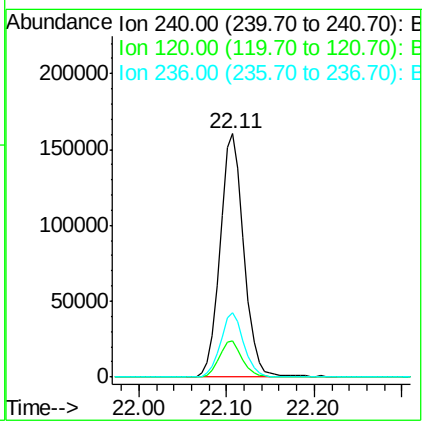


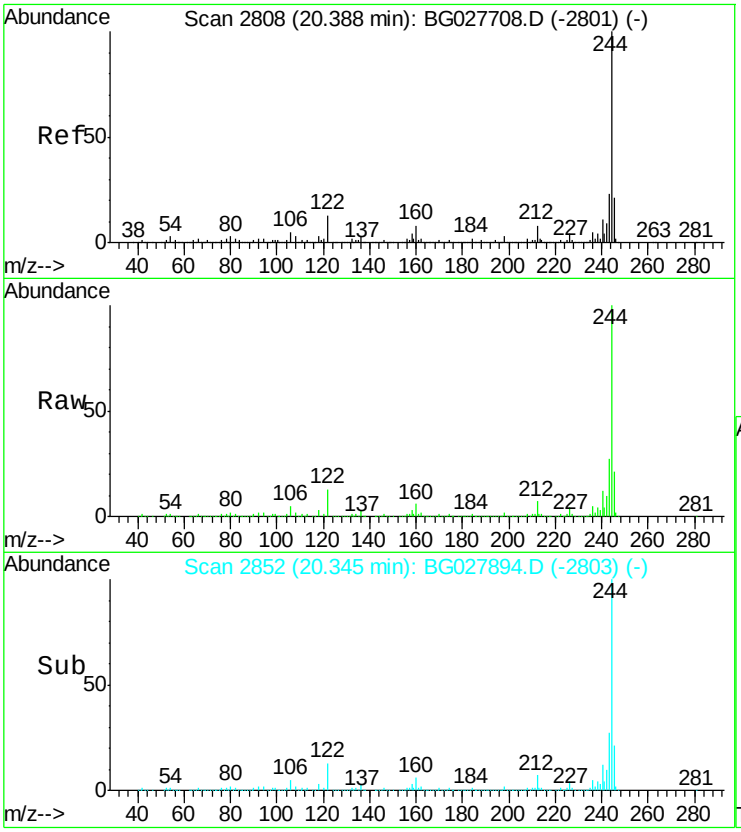


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.11 min Scan# 3152
Delta R.T. -0.02 min
Lab File: BG027894.D
Acq: 10 Jul 2017 19:28

Tgt Ion:240 Resp: 299329

Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.7	8.5#
236	26.7	22.2	33.4



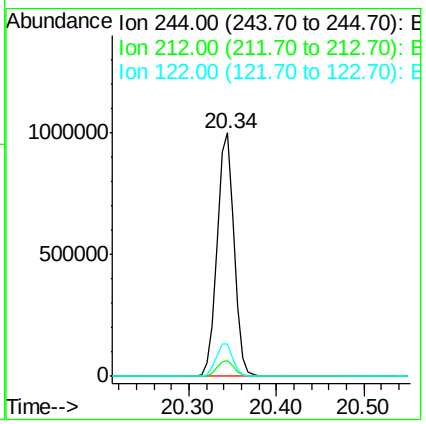


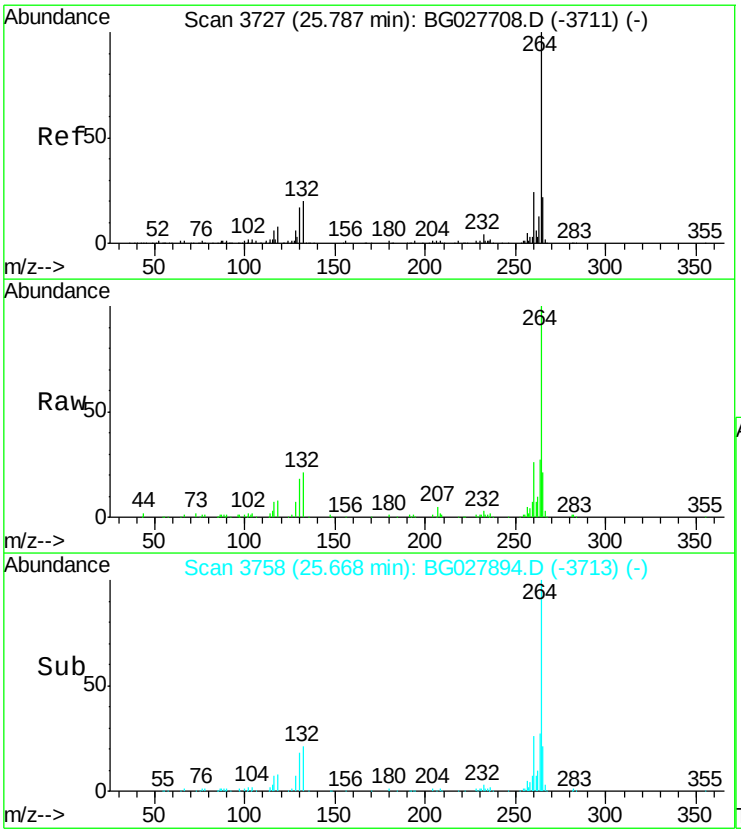
#78
Terphenyl-d14
Concen: 105.158 ng
RT: 20.34 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BG027894.D
Acq: 10 Jul 2017 19:28

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-A

Tgt Ion:244 Resp: 1342654

Ion	Ratio	Lower	Upper
244	100		
212	6.6	10.0	15.0#
122	13.2	8.6	12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.67 min Scan# 3758
Delta R.T. -0.03 min
Lab File: BG027894.D
Acq: 10 Jul 2017 19:28

Tgt Ion:264 Resp: 161646

Ion	Ratio	Lower	Upper
264	100		
260	25.6	21.8	32.8
265	20.7	18.2	27.4