Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092317\
Data File : BG028904.D
Acq On : 23 Sep 2017 18:58
Operator : SJ/JU
Sample : I5331-09RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-05-092017-CRE

Quant Time: Sep 25 02:40:35 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	34483	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	138460	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	28022	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	130441	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	13215	20.00	ng	-0.06
86) Perylene-d12	25.45	264	62	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	302090	144.55	ng	-0.05
7) Phenol-d6	7.44	99	149559	47.53	ng	-0.05
23) Nitrobenzene-d5	9.45	82	291813	100.82	ng	-0.06
41) 2,4,6-Tribromophenol	16.39	330	263650	568.87	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	724891	344.94	ng	-0.05
78) Terphenyl-d14	20.23	244	572548	923.95	ng	-0.05
Target Compounds						Qvalue

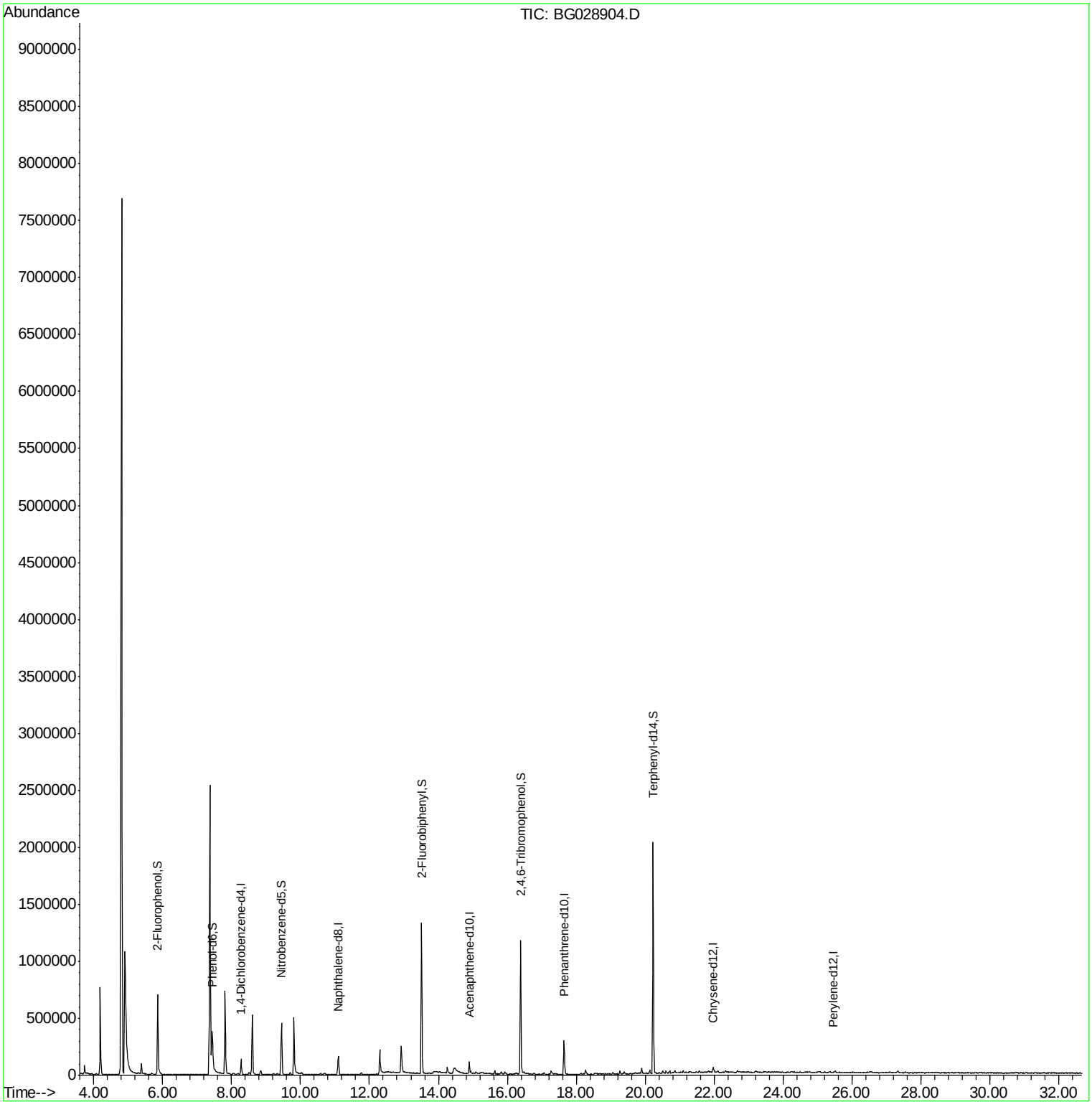
(#) = qualifier out of range (m) = manual integration (+) = signals summed

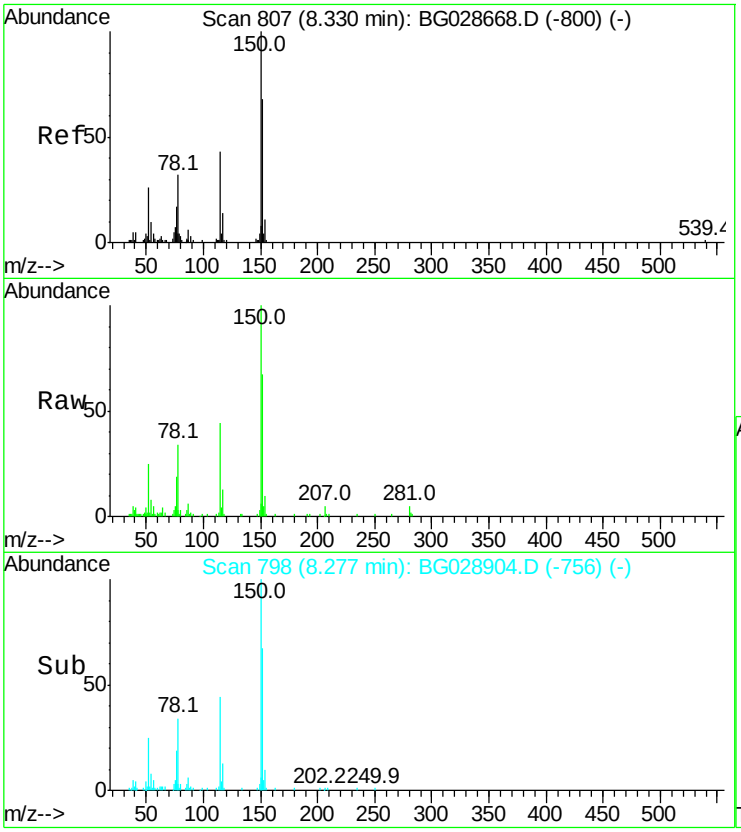
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092317\
Data File : BG028904.D
Acq On : 23 Sep 2017 18:58
Operator : SJ/JU
Sample : I5331-09RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-05-092017-CRE

Quant Time: Sep 25 02:40:35 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration



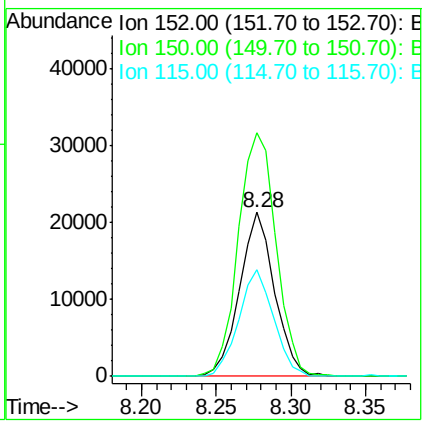


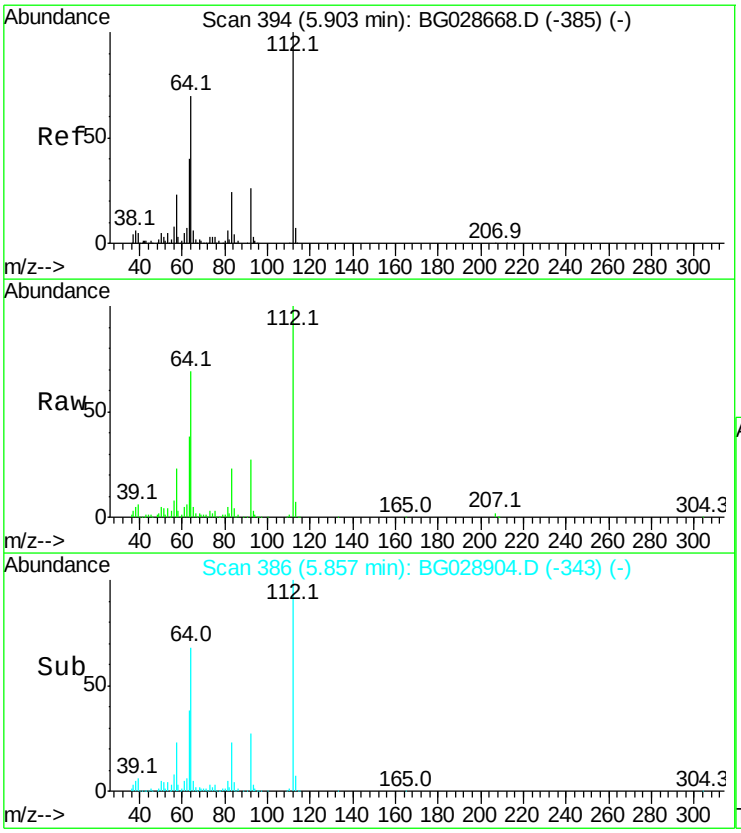
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028904.D
Acq: 23 Sep 2017 18:58

Instrument :
BNA_G
ClientSampleId :
HR-05-092017-CRE

Tgt Ion:152 Resp: 34483

Ion	Ratio	Lower	Upper
152	100		
150	148.5	114.0	171.0
115	64.8	48.1	72.1

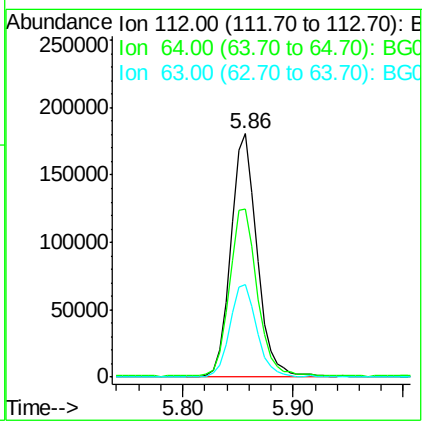


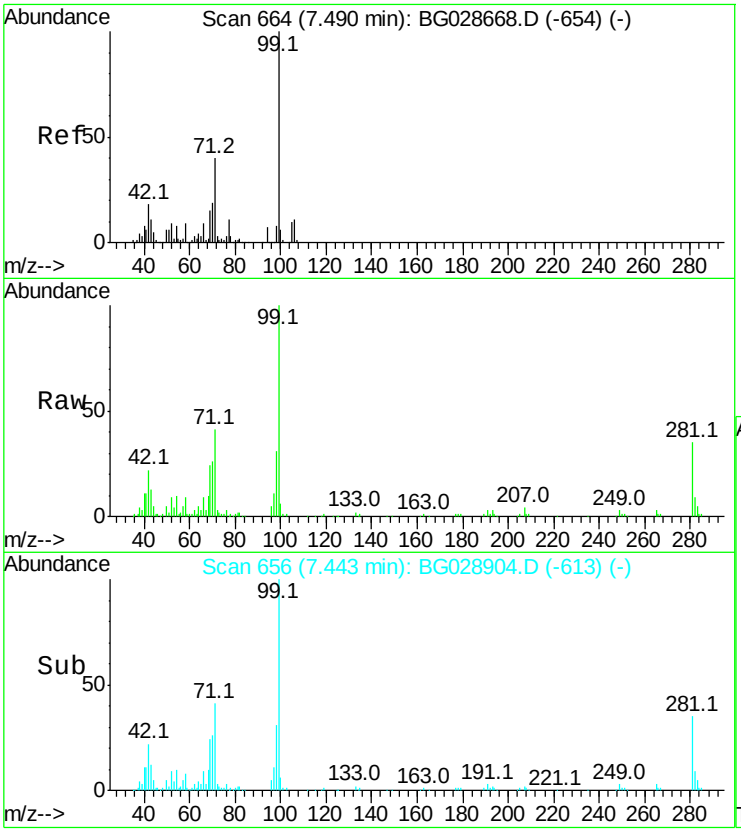


#5
2-Fluorophenol
Concen: 144.553 ng
RT: 5.86 min Scan# 386
Delta R.T. -0.05 min
Lab File: BG028904.D
Acq: 23 Sep 2017 18:58

Tgt Ion:112 Resp: 302090

Ion	Ratio	Lower	Upper
112	100		
64	68.9	61.8	92.6
63	38.0	37.2	55.8



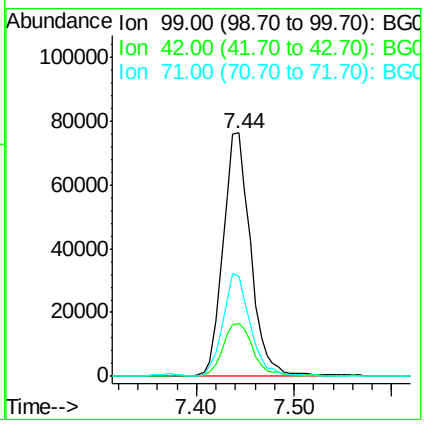


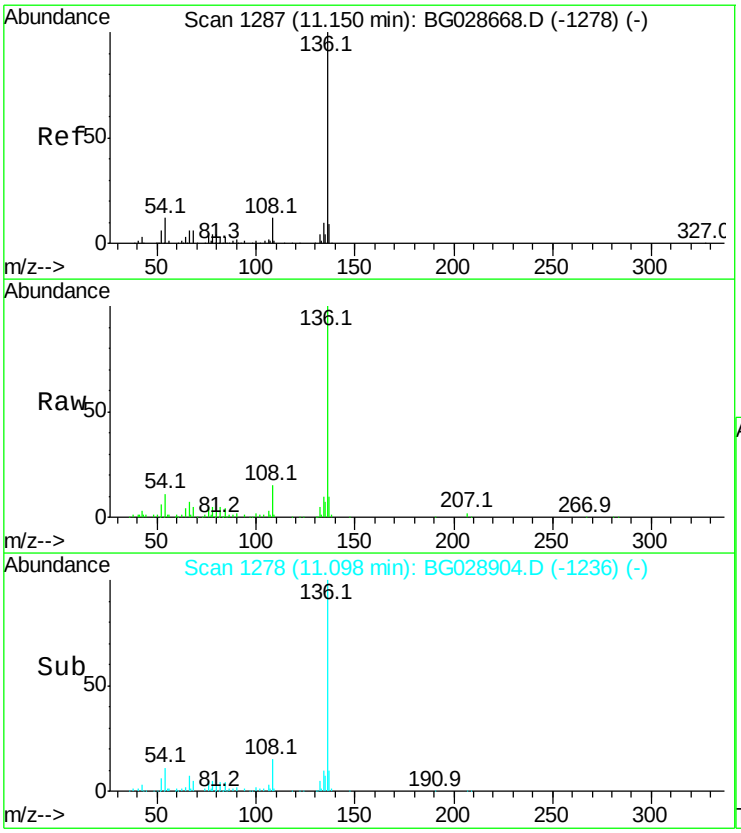
#7
Phenol-d6
Concen: 47.532 ng
RT: 7.44 min Scan# 656
Delta R.T. -0.05 min
Lab File: BG028904.D
Acq: 23 Sep 2017 18:58

Instrument :
BNA_G
ClientSampleId :
HR-05-092017-CRE

Tgt Ion: 99 Resp: 149559

Ion	Ratio	Lower	Upper
99	100		
42	21.6	20.5	30.7
71	41.0	37.6	56.4

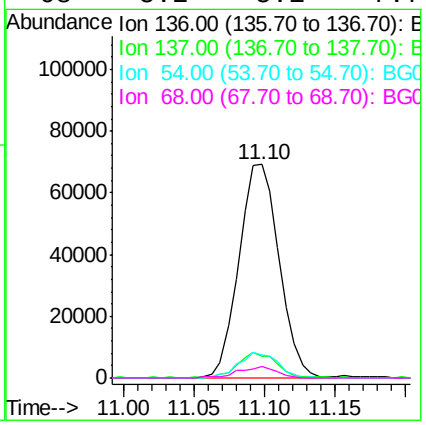


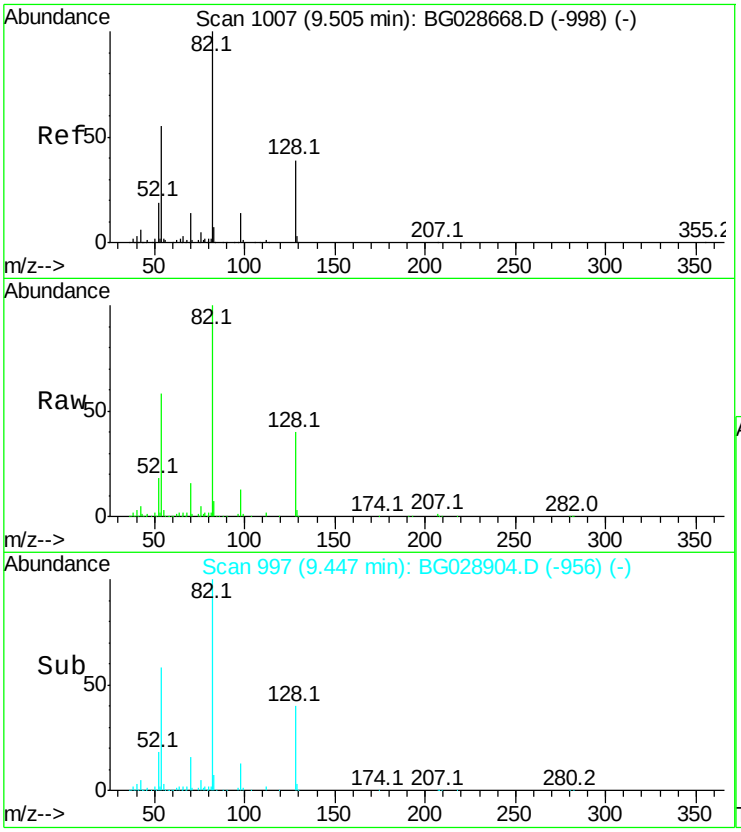


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.10 min Scan# 1278
Delta R.T. -0.05 min
Lab File: BG028904.D
Acq: 23 Sep 2017 18:58

Tgt Ion:136 Resp: 138460

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	10.9	9.3	13.9
68	5.2	5.1	7.7



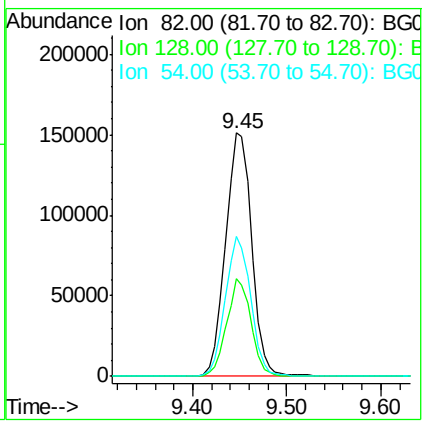


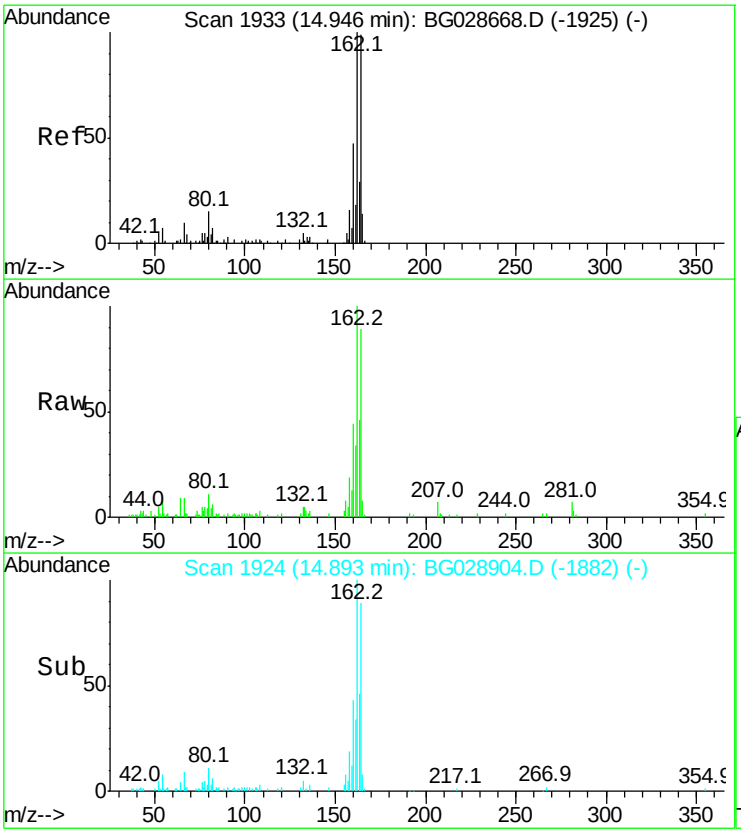
#23
Nitrobenzene-d5
Concen: 100.820 ng
RT: 9.45 min Scan# 997
Delta R.T. -0.06 min
Lab File: BG028904.D
Acq: 23 Sep 2017 18:58

Instrument :
BNA_G
ClientSampleId :
HR-05-092017-CRE

Tgt Ion: 82 Resp: 291813

Ion	Ratio	Lower	Upper
82	100		
128	40.0	26.4	39.6#
54	57.7	49.4	74.2

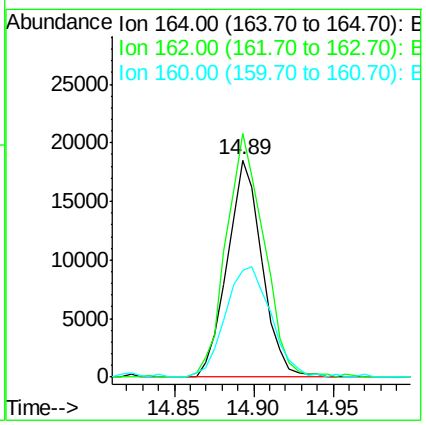


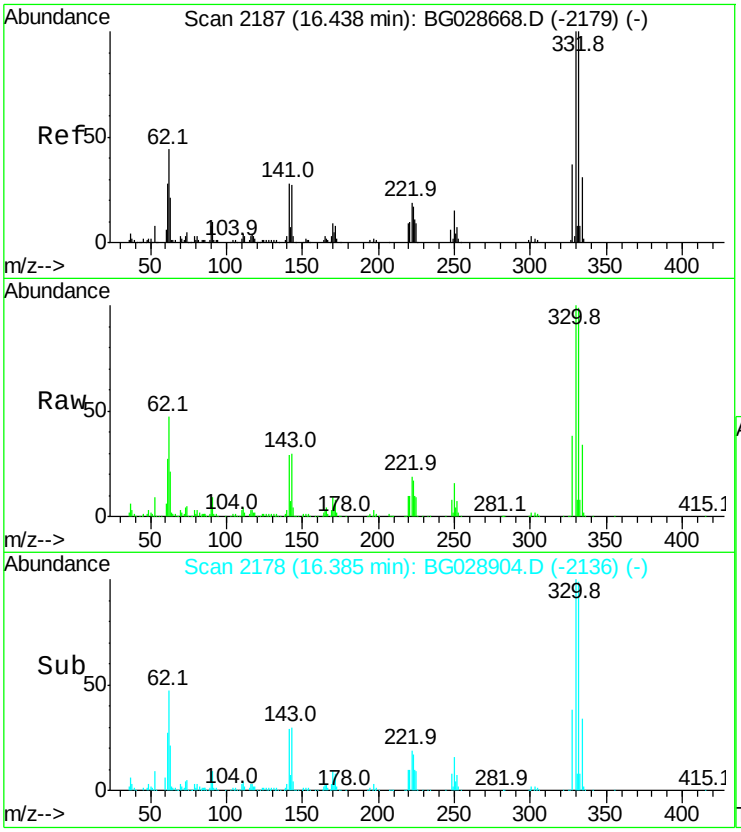


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.89 min Scan# 1924
Delta R.T. -0.05 min
Lab File: BG028904.D
Acq: 23 Sep 2017 18:58

Tgt Ion:164 Resp: 28022

Ion	Ratio	Lower	Upper
164	100		
162	112.1	85.1	127.7
160	49.3	34.7	52.1



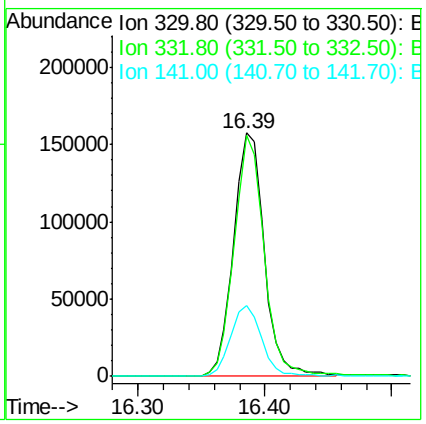


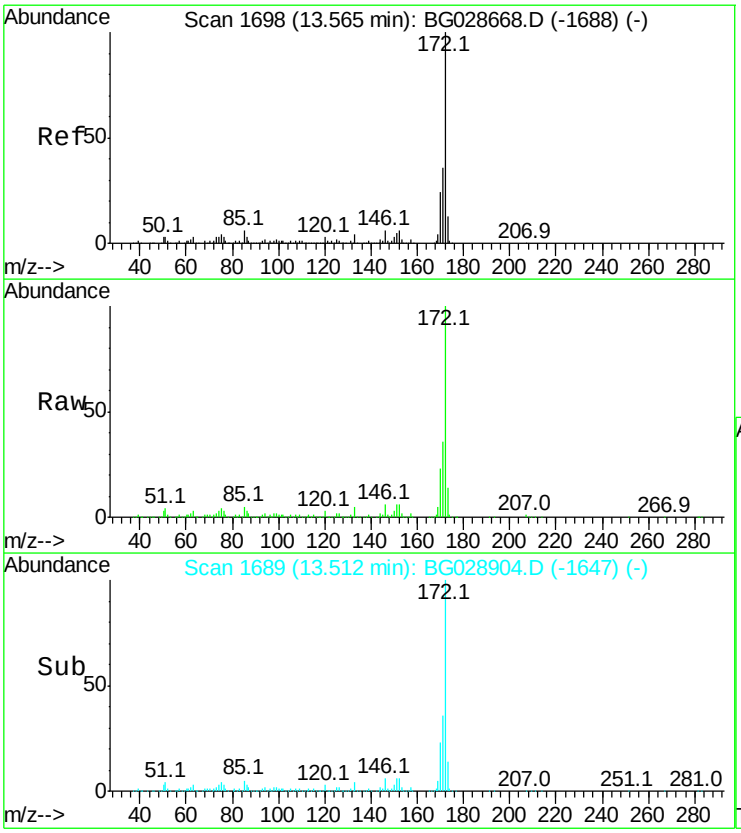
#41
2,4,6-Tribromophenol
Concen: 568.865 ng
RT: 16.39 min Scan# 2178
Delta R.T. -0.05 min
Lab File: BG028904.D
Acq: 23 Sep 2017 18:58

Instrument :
BNA_G
ClientSampleId :
HR-05-092017-CRE

Tgt Ion:330 Resp: 263650

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.3	115.9
141	29.6	32.1	48.1#

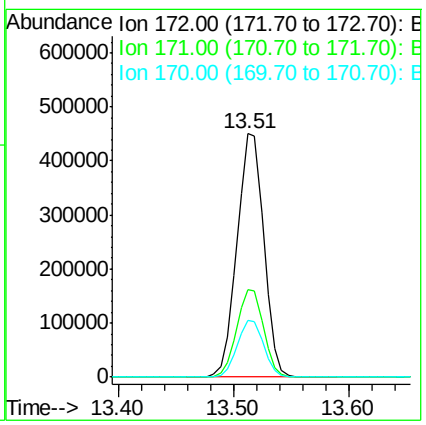


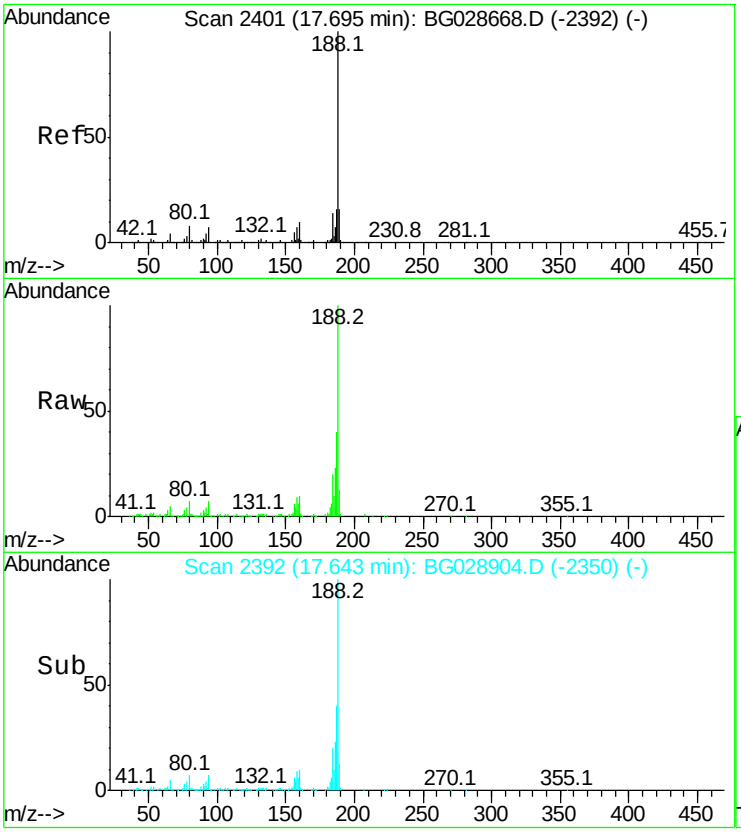


#44
2-Fluorobiphenyl
Concen: 344.938 ng
RT: 13.51 min Scan# 1689
Delta R.T. -0.05 min
Lab File: BG028904.D
Acq: 23 Sep 2017 18:58

Tgt Ion:172 Resp: 724891

Ion	Ratio	Lower	Upper
172	100		
171	36.1	32.2	48.2
170	23.3	21.8	32.6



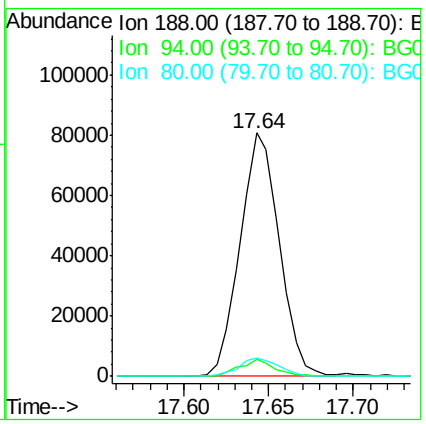


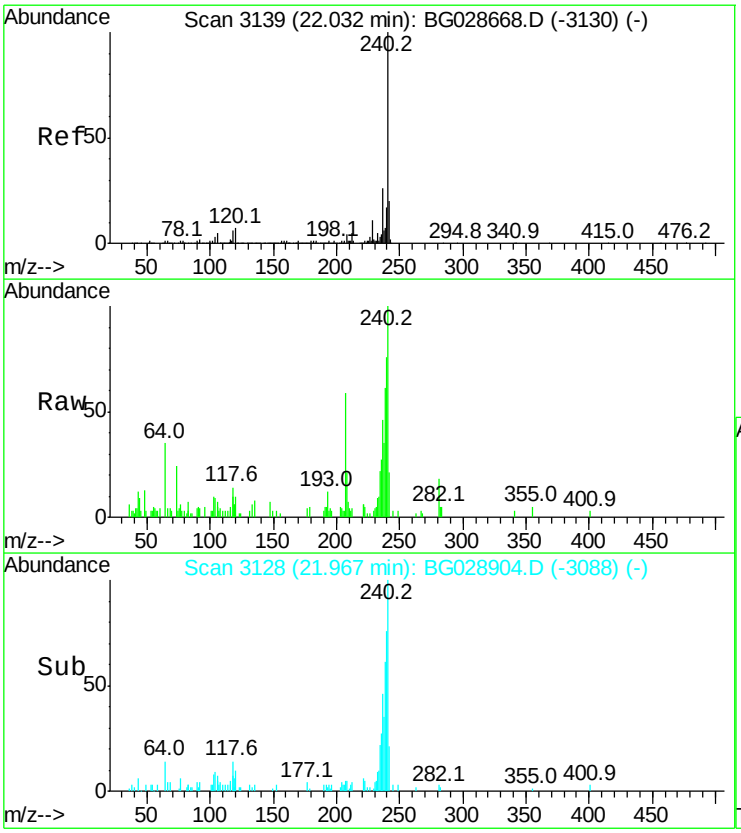
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2392
Delta R.T. -0.05 min
Lab File: BG028904.D
Acq: 23 Sep 2017 18:58

Instrument :
BNA_G
ClientSampleId :
HR-05-092017-CRE

Tgt Ion:188 Resp: 130441

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.8	8.8
80	7.3	7.5	11.3#

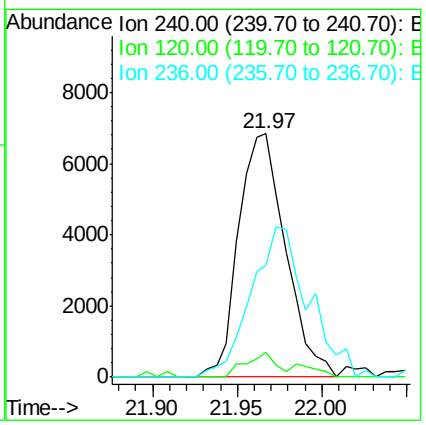


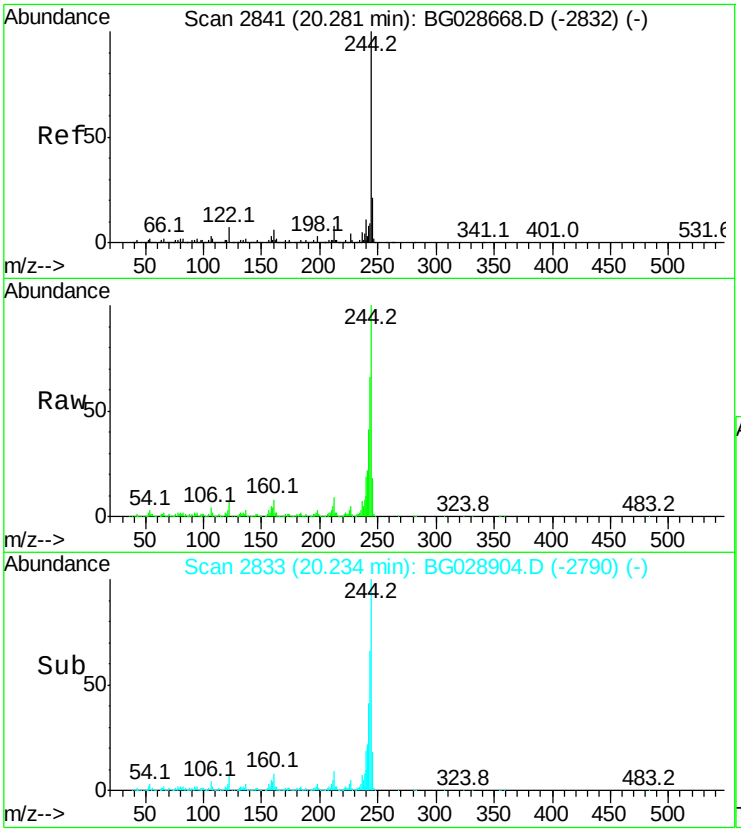


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.97 min Scan# 3128
Delta R.T. -0.06 min
Lab File: BG028904.D
Acq: 23 Sep 2017 18:58

Tgt Ion:240 Resp: 13215

Ion	Ratio	Lower	Upper
240	100		
120	10.4	5.7	8.5#
236	45.8	22.2	33.4#



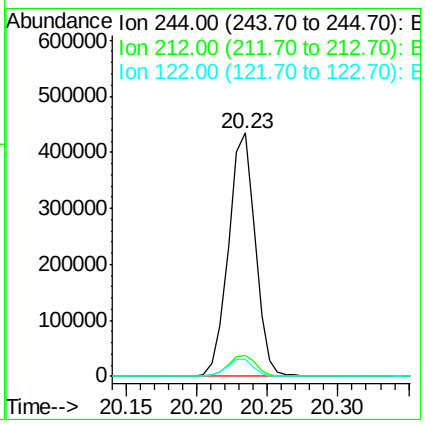


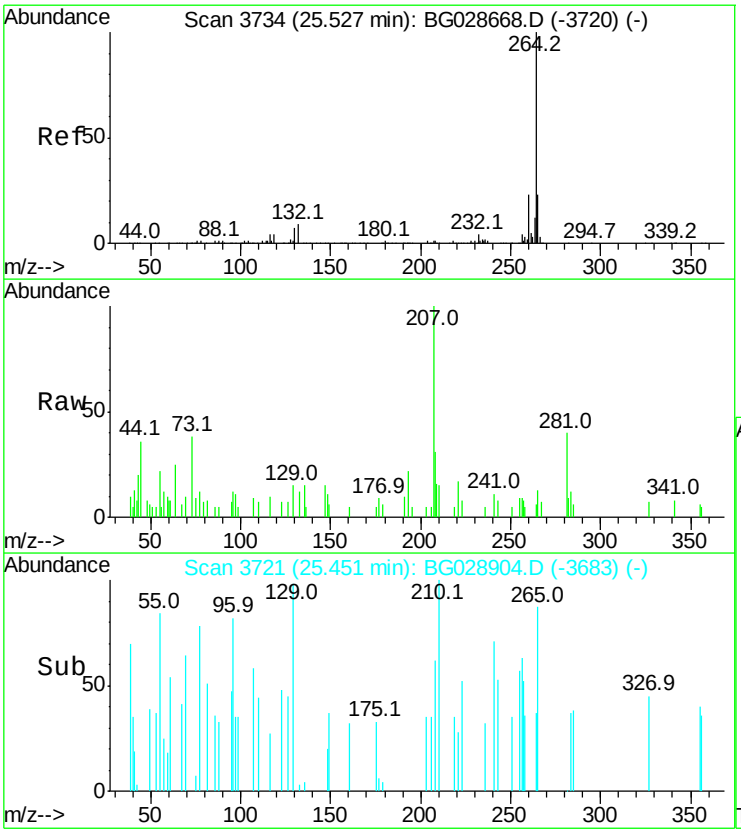
#78
Terphenyl-d14
Concen: 923.947 ng
RT: 20.23 min Scan# 2833
Delta R.T. -0.05 min
Lab File: BG028904.D
Acq: 23 Sep 2017 18:58

Instrument :
BNA_G
ClientSampleId :
HR-05-092017-CRE

Tgt Ion:244 Resp: 572548

Ion	Ratio	Lower	Upper
244	100		
212	8.6	10.0	15.0#
122	6.8	8.6	12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.45 min Scan# 3721
Delta R.T. -0.08 min
Lab File: BG028904.D
Acq: 23 Sep 2017 18:58

Tgt Ion:264 Resp: 62

Ion	Ratio	Lower	Upper
264	100		
260	0.0	21.8	32.8#
265	235.4	18.2	27.4#