Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070317\
Data File : BG027835.D
Acq On : 3 Jul 2017 16:55
Operator : SJ/JU
Sample : I4007-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP2-MH2094-COMP

Quant Time: Jul 04 05:47:37 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 19:26:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	26717	20.00	ng	-0.03
21) Naphthalene-d8	11.27	136	124955	20.00	ng	-0.02
38) Acenaphthene-d10	15.04	164	67170	20.00	ng	-0.03
63) Phenanthrene-d10	17.79	188	209396	20.00	ng	-0.03
75) Chrysene-d12	22.14	240	195783	20.00	ng	-0.03
86) Perylene-d12	25.73	264	17158	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	197600	113.89	ng	-0.03
7) Phenol-d6	7.60	99	237425	89.58	ng	-0.02
23) Nitrobenzene-d5	9.62	82	177614	79.23	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	195998	212.74	ng	-0.02
44) 2-Fluorobiphenyl	13.66	172	479200	101.89	ng	-0.03
78) Terphenyl-d14	20.37	244	1027035	122.98	ng	-0.02
Target Compounds						Qvalue

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

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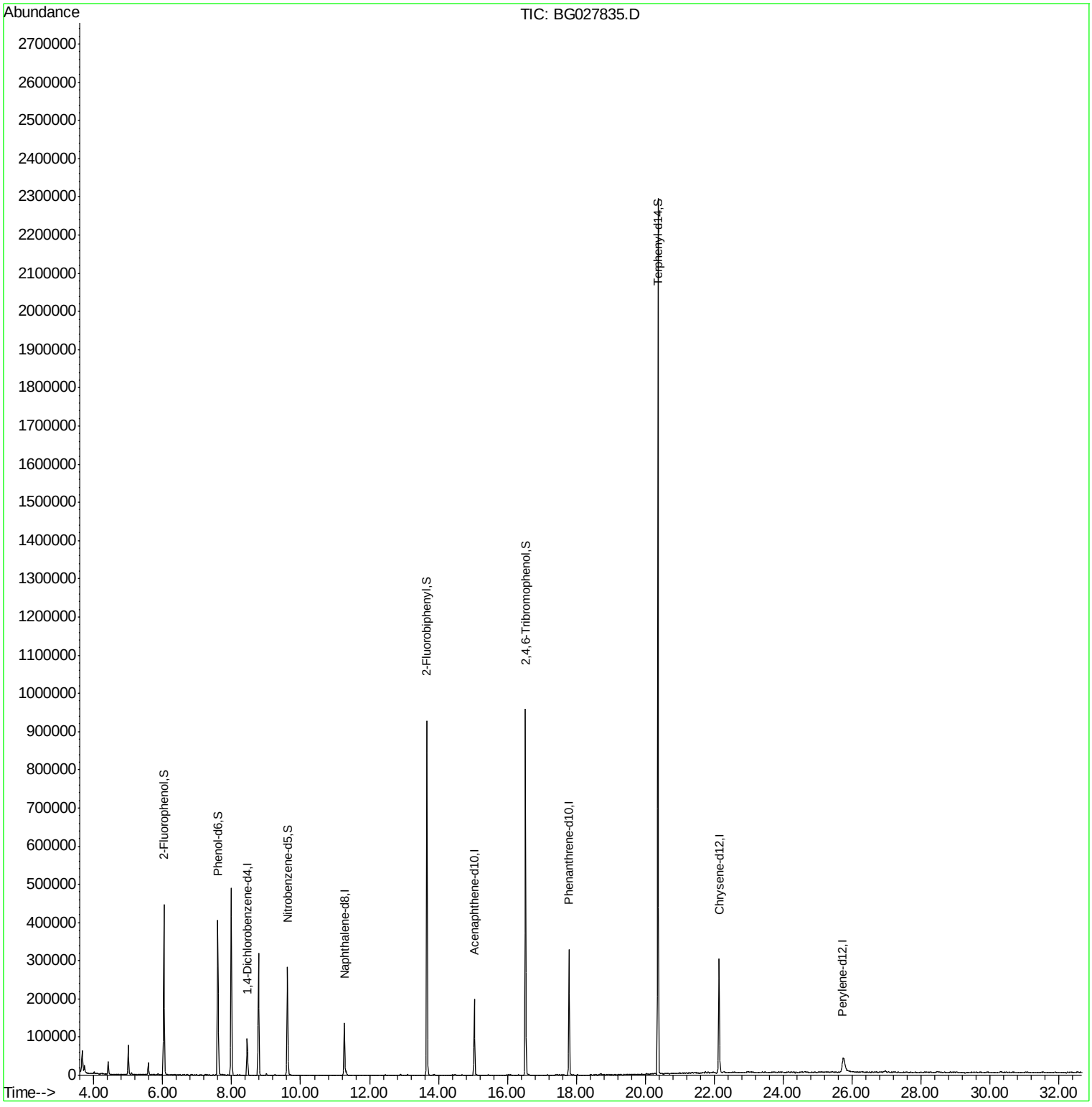
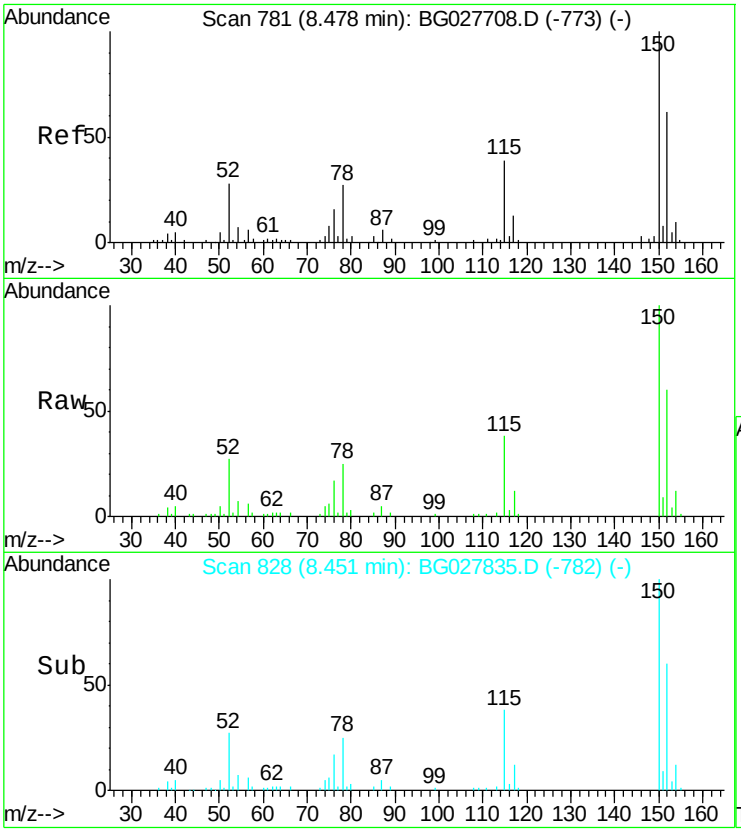


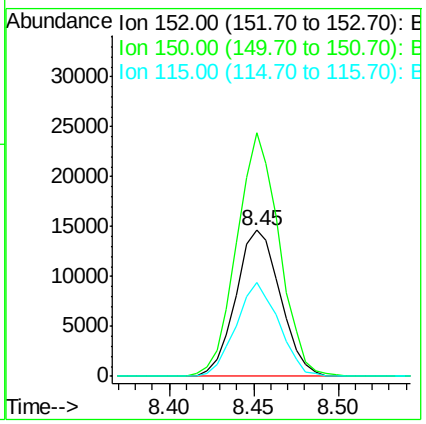


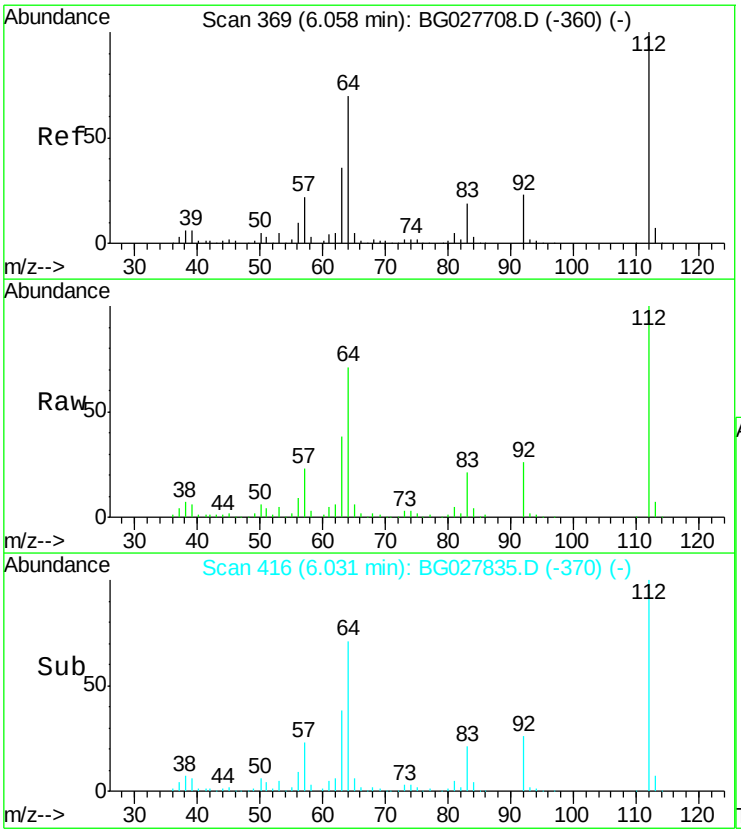
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.45 min Scan# 828
Delta R.T. -0.03 min
Lab File: BG027835.D
Acq: 3 Jul 2017 16:55

Instrument :
BNA_G
ClientSampleId :
TP2-MH2094-COMP

Tgt Ion:152 Resp: 26717

Ion	Ratio	Lower	Upper
152	100		
150	166.5	114.0	171.0
115	63.8	48.1	72.1

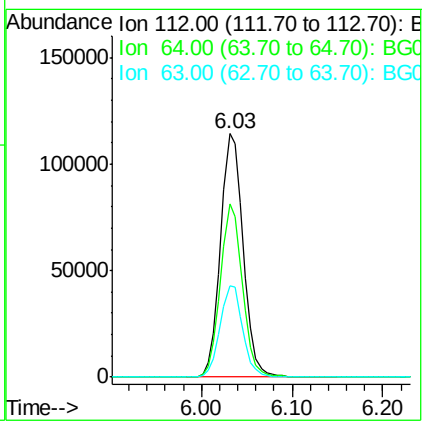


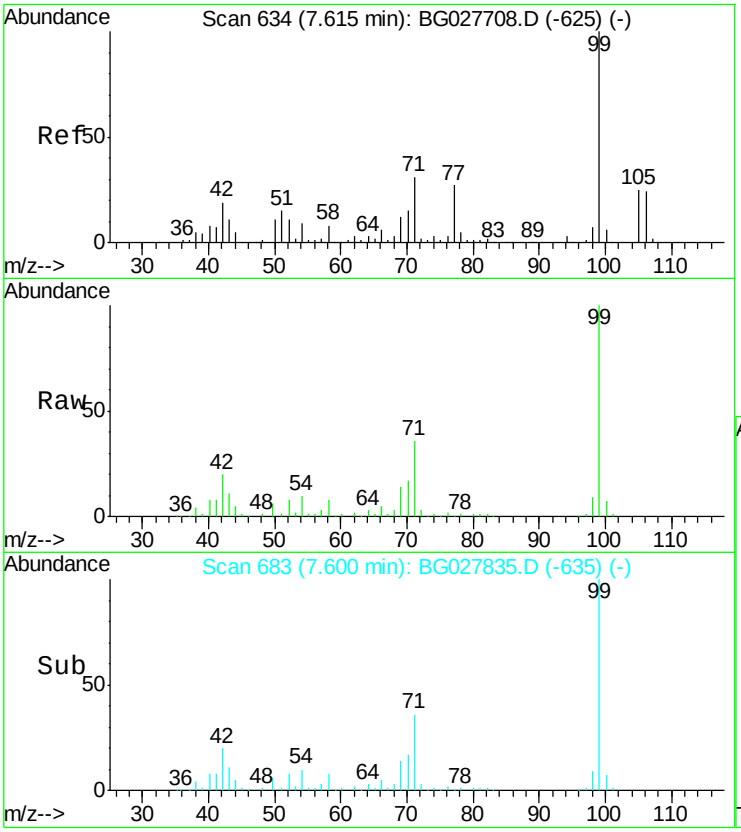


#5
2-Fluorophenol
Concen: 113.892 ng
RT: 6.03 min Scan# 416
Delta R.T. -0.03 min
Lab File: BG027835.D
Acq: 3 Jul 2017 16:55

Tgt Ion:112 Resp: 197600

Ion	Ratio	Lower	Upper
112	100		
64	70.9	61.8	92.6
63	37.6	37.2	55.8



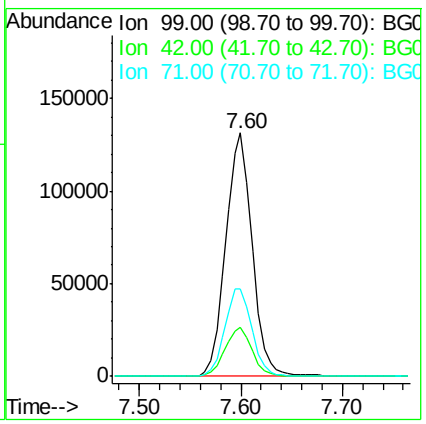


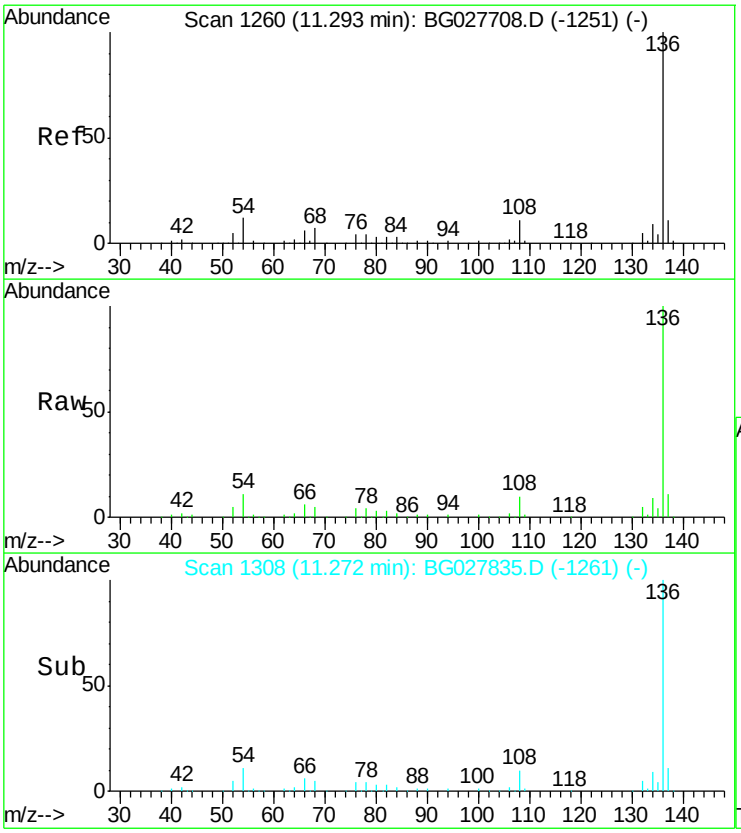
#7
Phenol-d6
Concen: 89.577 ng
RT: 7.60 min Scan# 683
Delta R.T. -0.02 min
Lab File: BG027835.D
Acq: 3 Jul 2017 16:55

Instrument :
BNA_G
ClientSampleId :
TP2-MH2094-COMP

Tgt Ion: 99 Resp: 237425

Ion	Ratio	Lower	Upper
99	100		
42	20.1	20.5	30.7#
71	36.0	37.6	56.4#

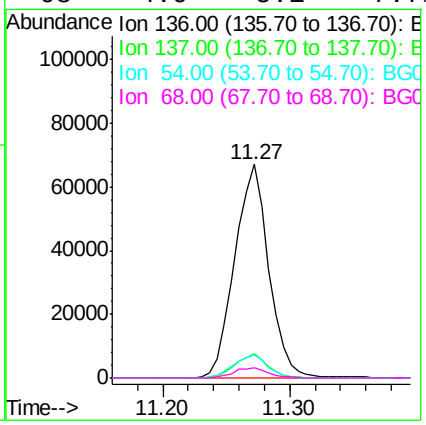


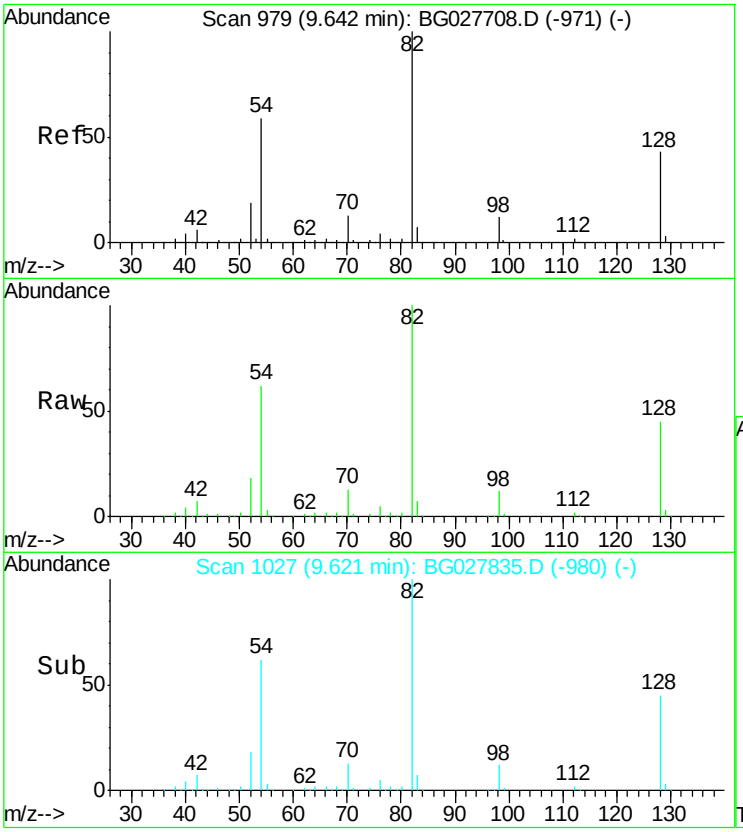


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.27 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG027835.D
Acq: 3 Jul 2017 16:55

Tgt Ion:136 Resp: 124955

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	10.9	9.3	13.9
68	4.9	5.1	7.7#



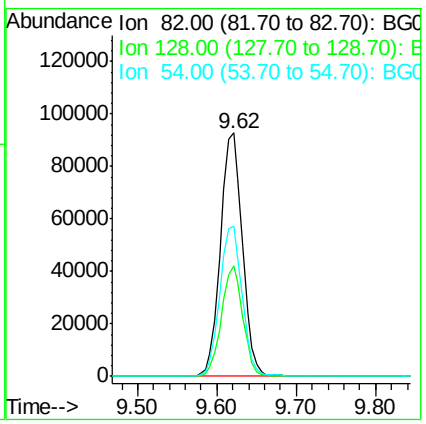


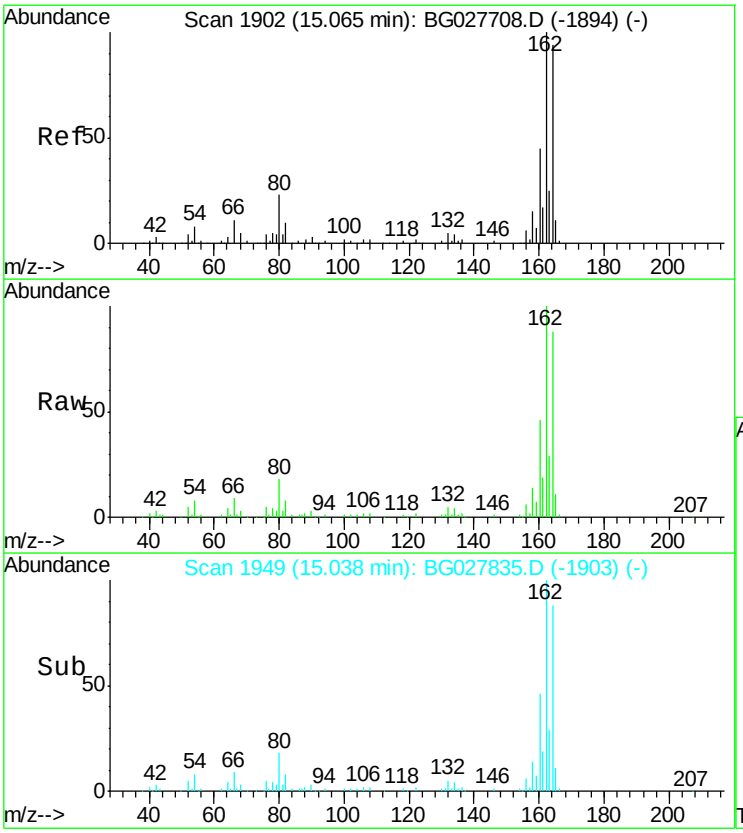
#23
Nitrobenzene-d5
Concen: 79.231 ng
RT: 9.62 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG027835.D
Acq: 3 Jul 2017 16:55

Instrument :
BNA_G
ClientSampleId :
TP2-MH2094-COMP

Tgt Ion: 82 Resp: 177614

Ion	Ratio	Lower	Upper
82	100		
128	45.5	26.4	39.6#
54	61.5	49.4	74.2

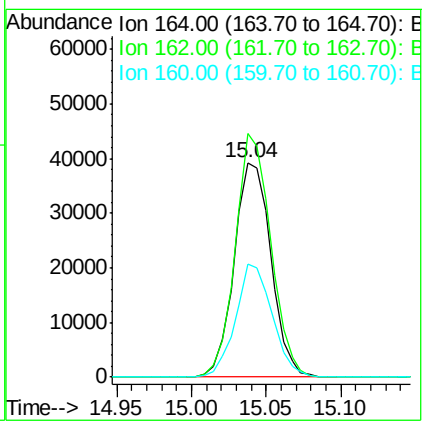


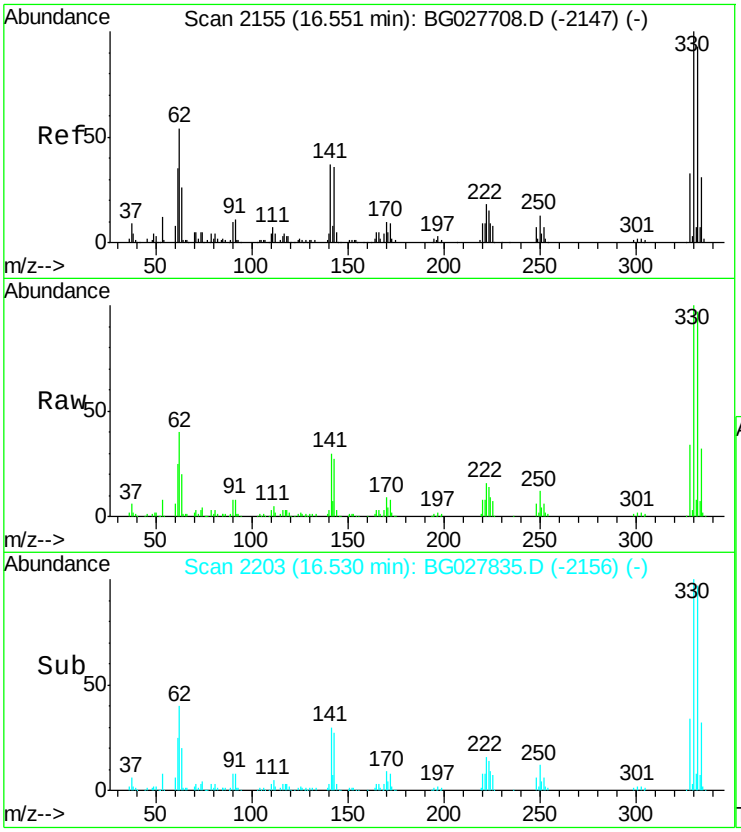


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.04 min Scan# 1949
Delta R.T. -0.03 min
Lab File: BG027835.D
Acq: 3 Jul 2017 16:55

Tgt Ion:164 Resp: 67170

Ion	Ratio	Lower	Upper
164	100		
162	113.7	85.1	127.7
160	52.6	34.7	52.1#



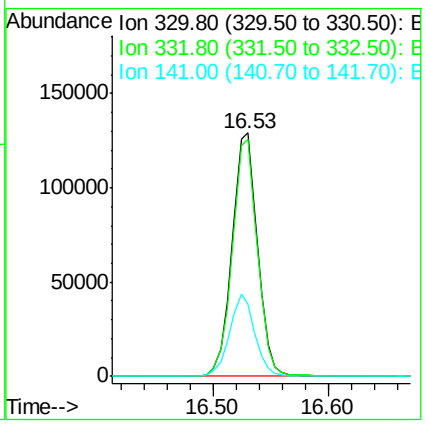


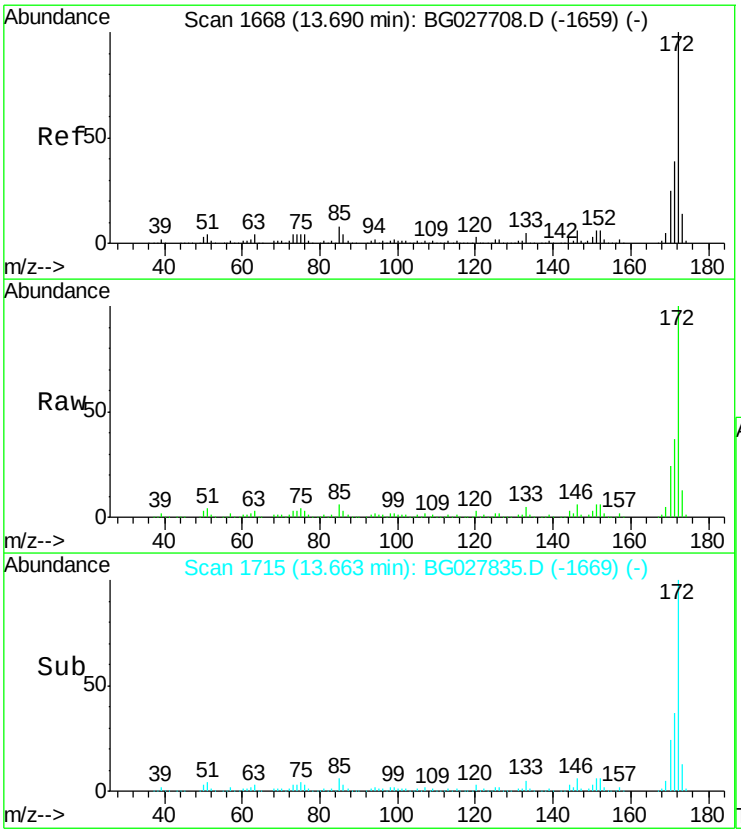
#41
2,4,6-Tribromophenol
Concen: 212.739 ng
RT: 16.53 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BG027835.D
Acq: 3 Jul 2017 16:55

Instrument :
BNA_G
ClientSampleId :
TP2-MH2094-COMP

Tgt Ion:330 Resp: 195998

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	33.5	32.1	48.1

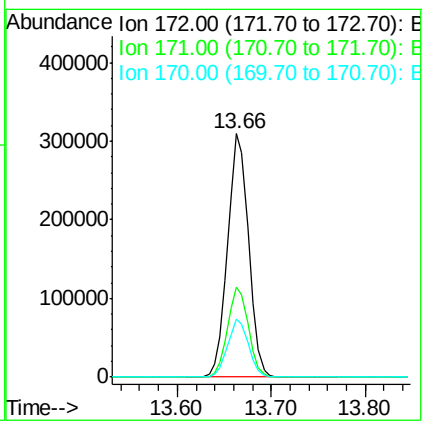


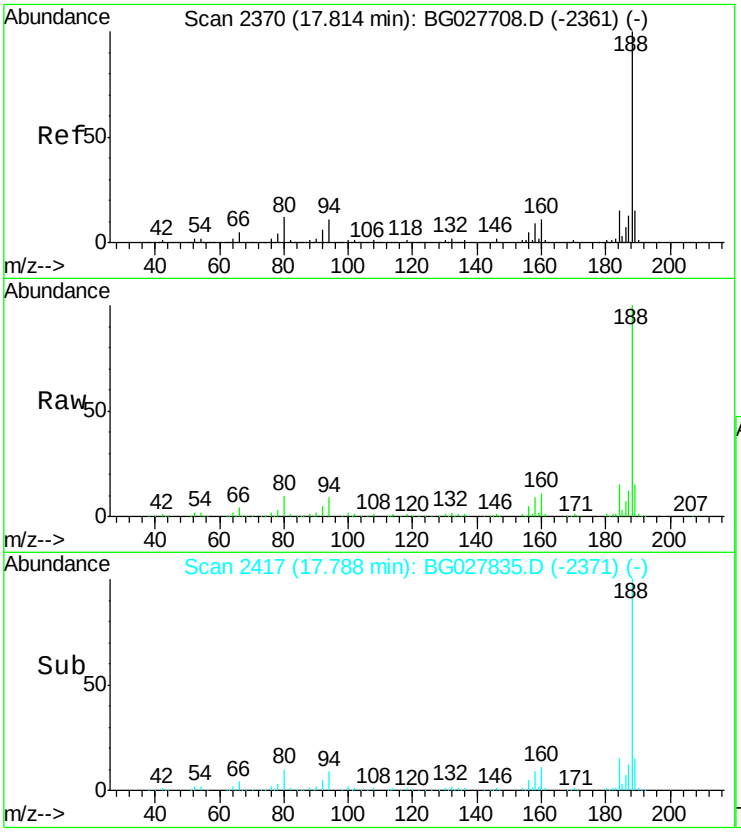


#44
2-Fluorobiphenyl
Concen: 101.888 ng
RT: 13.66 min Scan# 1715
Delta R.T. -0.03 min
Lab File: BG027835.D
Acq: 3 Jul 2017 16:55

Tgt Ion:172 Resp: 479200

Ion	Ratio	Lower	Upper
172	100		
171	37.0	32.2	48.2
170	23.7	21.8	32.6



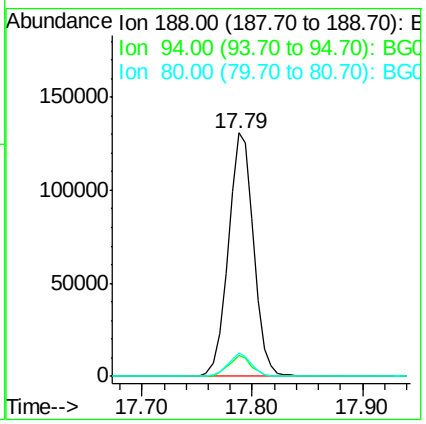


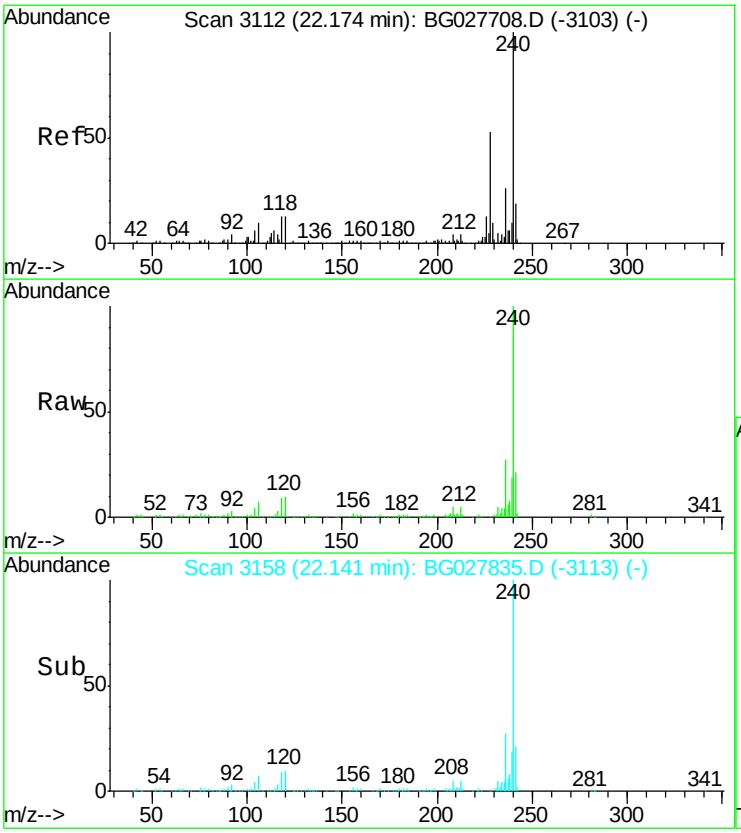
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.79 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BG027835.D
Acq: 3 Jul 2017 16:55

Instrument :
BNA_G
ClientSampleId :
TP2-MH2094-COMP

Tgt Ion:188 Resp: 209396

Ion	Ratio	Lower	Upper
188	100		
94	8.7	5.8	8.8
80	9.9	7.5	11.3

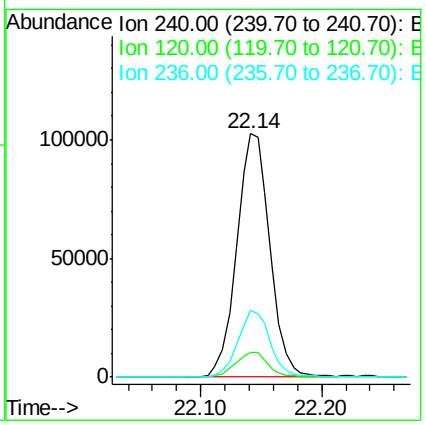


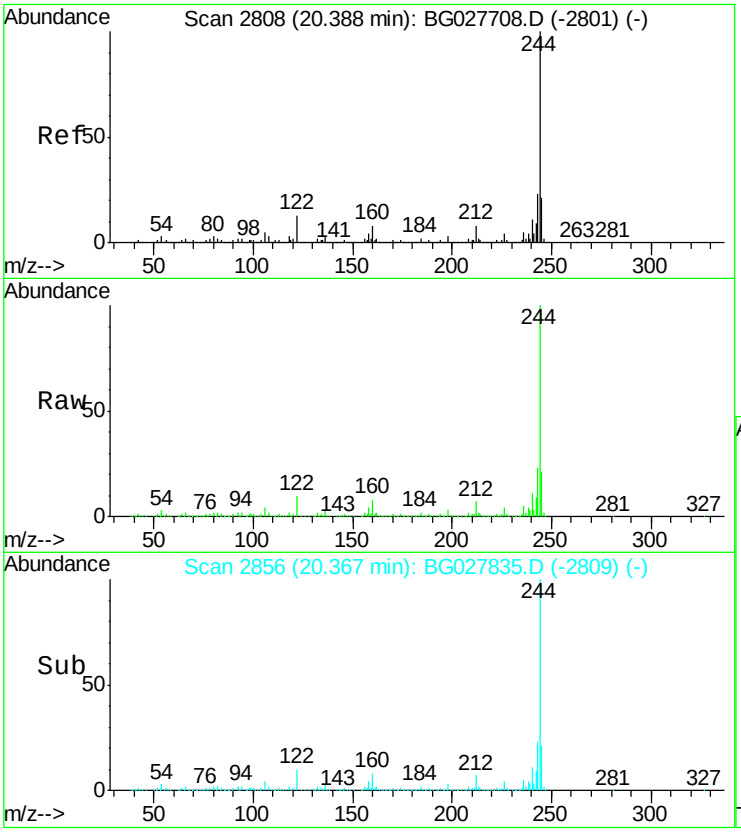


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.14 min Scan# 3158
Delta R.T. -0.03 min
Lab File: BG027835.D
Acq: 3 Jul 2017 16:55

Tgt Ion:240 Resp: 195783

Ion	Ratio	Lower	Upper
240	100		
120	10.3	5.7	8.5#
236	27.3	22.2	33.4



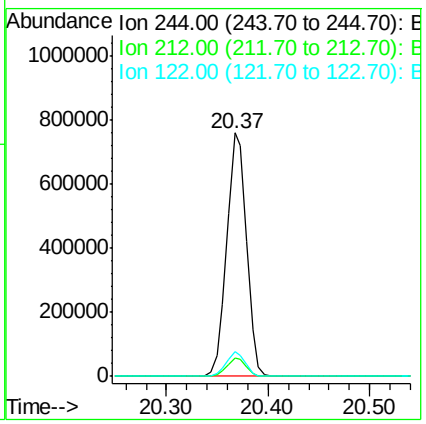


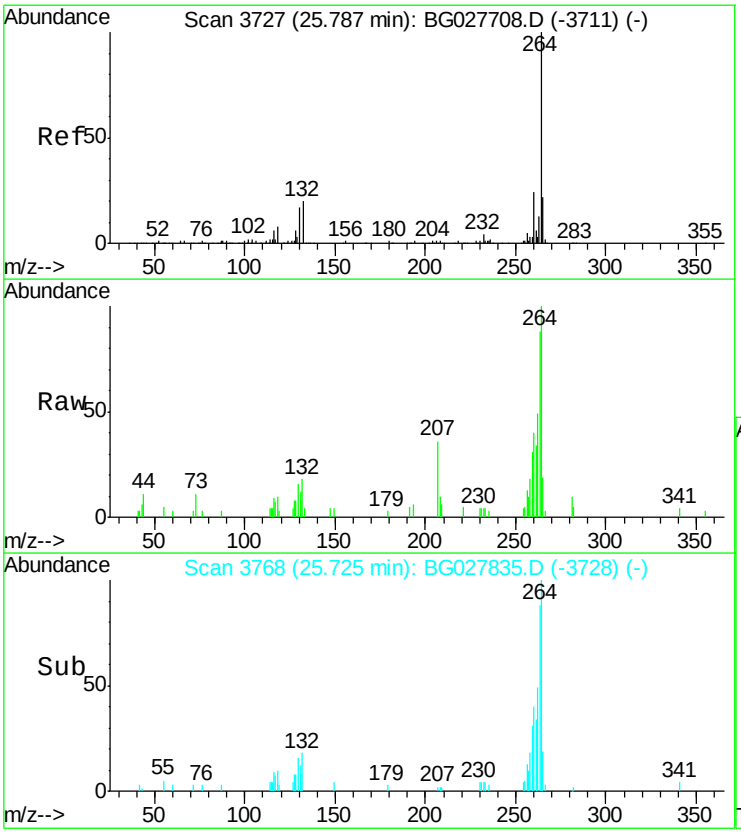
#78
Terphenyl-d14
Concen: 122.980 ng
RT: 20.37 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BG027835.D
Acq: 3 Jul 2017 16:55

Instrument :
BNA_G
ClientSampleId :
TP2-MH2094-COMP

Tgt Ion:244 Resp: 1027035

Ion	Ratio	Lower	Upper
244	100		
212	7.4	10.0	15.0#
122	10.2	8.6	12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.73 min Scan# 3768
Delta R.T. -0.06 min
Lab File: BG027835.D
Acq: 3 Jul 2017 16:55

Tgt Ion:264 Resp: 17158

Ion	Ratio	Lower	Upper
264	100		
260	40.2	21.8	32.8#
265	18.7	18.2	27.4