Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092217\
Data File : BG028883.D
Acq On : 22 Sep 2017 20:40
Operator : SJ/JU
Sample : I5301-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20170609-COMP-A

Quant Time: Sep 23 00:08:08 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	23814	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	96988	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	77551	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	252864	20.00	ng	-0.05
75) Chrysene-d12	21.96	240	300374	20.00	ng	-0.07
86) Perylene-d12	25.41	264	309190	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	110471	76.54	ng	-0.06
7) Phenol-d6	7.43	99	107250	49.36	ng	-0.06
23) Nitrobenzene-d5	9.45	82	203132	100.19	ng	-0.06
41) 2,4,6-Tribromophenol	16.39	330	235254	183.41	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	538931	92.66	ng	-0.05
78) Terphenyl-d14	20.23	244	1346086	95.57	ng	-0.05
Target Compounds						Qvalue

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

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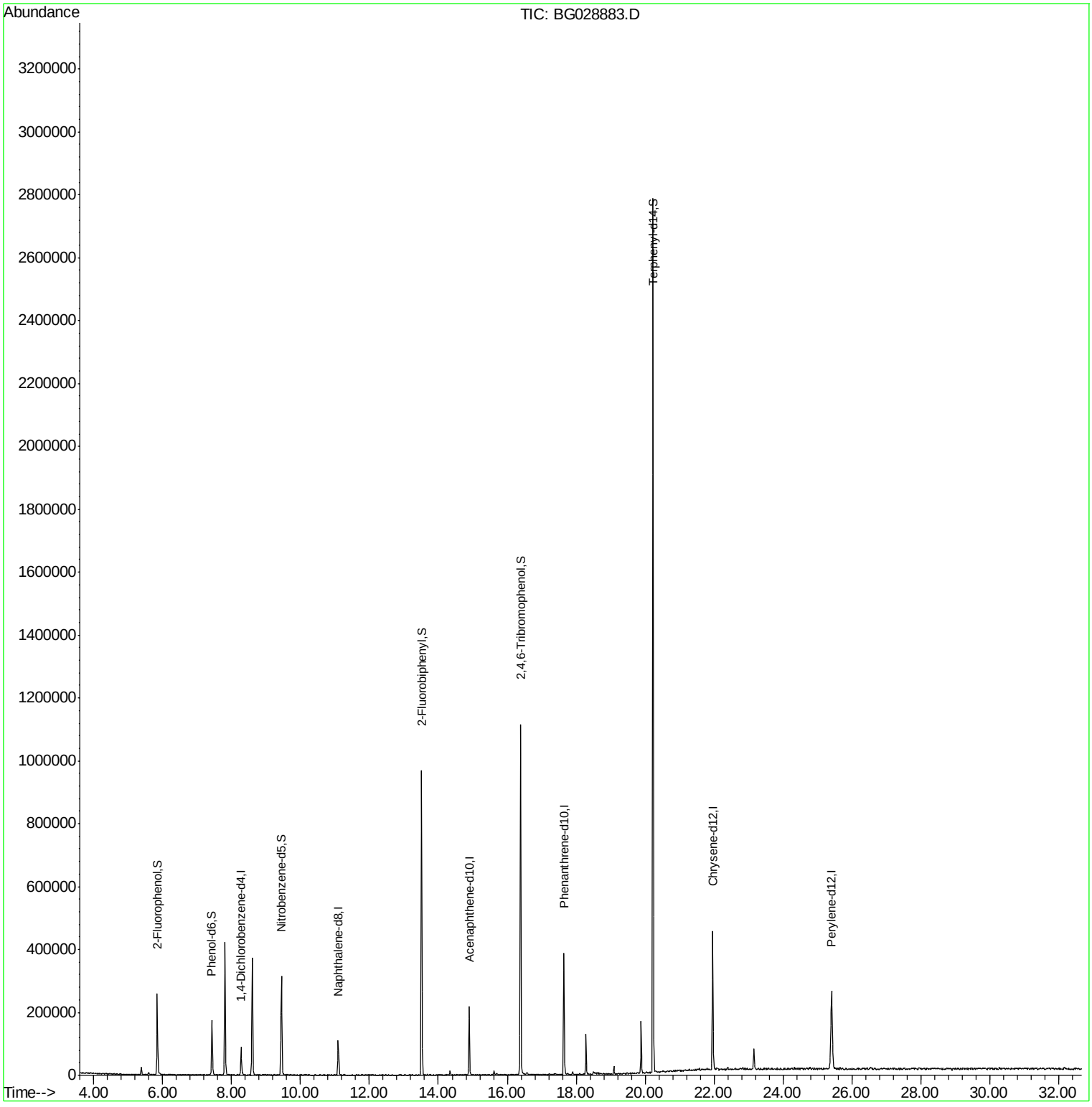
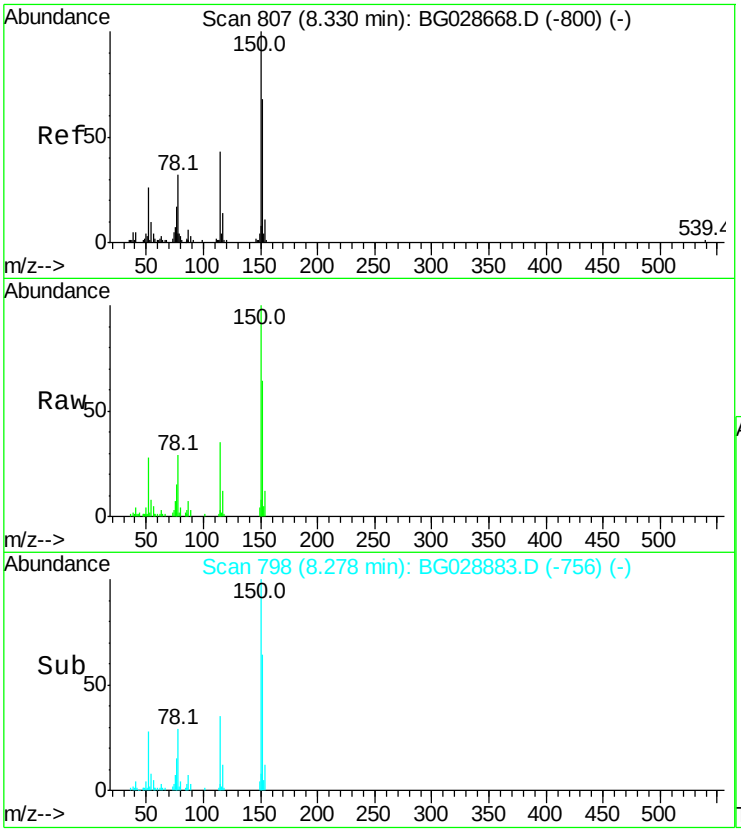


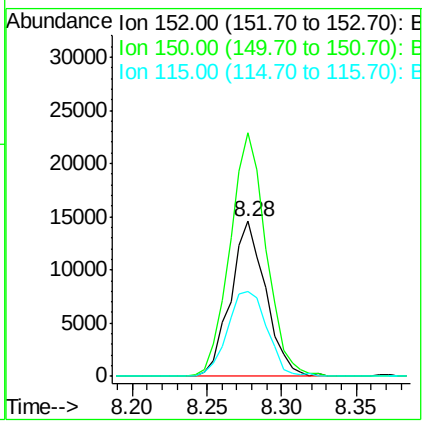


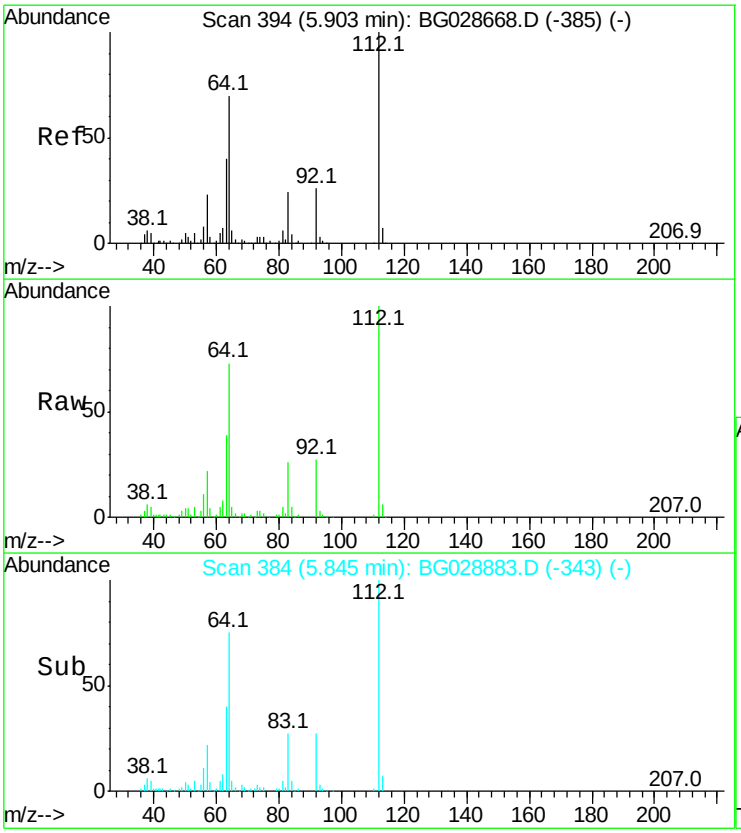
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028883.D
Acq: 22 Sep 2017 20:40

Instrument :
BNA_G
ClientSampleId :
20170609-COMP-A

Tgt Ion:152 Resp: 23814

Ion	Ratio	Lower	Upper
152	100		
150	157.3	114.0	171.0
115	55.2	48.1	72.1

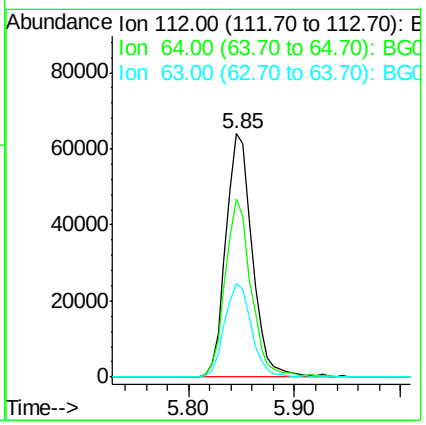


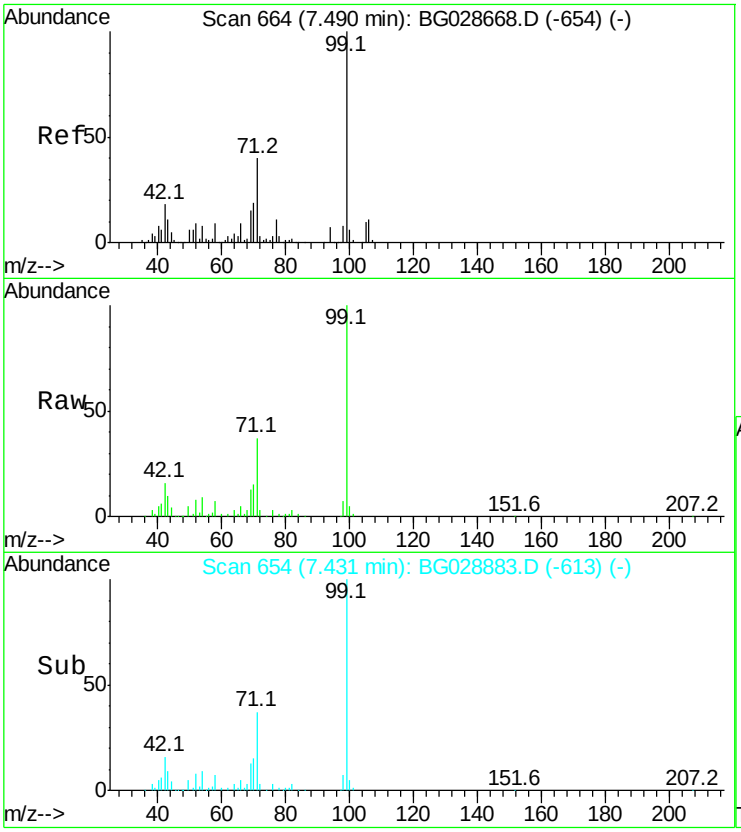


#5
2-Fluorophenol
Concen: 76.544 ng
RT: 5.85 min Scan# 384
Delta R.T. -0.06 min
Lab File: BG028883.D
Acq: 22 Sep 2017 20:40

Tgt Ion:112 Resp: 110471

Ion	Ratio	Lower	Upper
112	100		
64	73.0	61.8	92.6
63	38.7	37.2	55.8



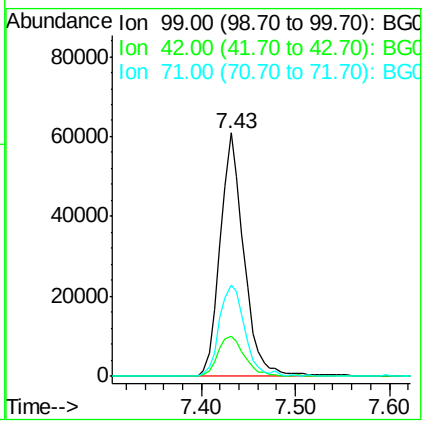


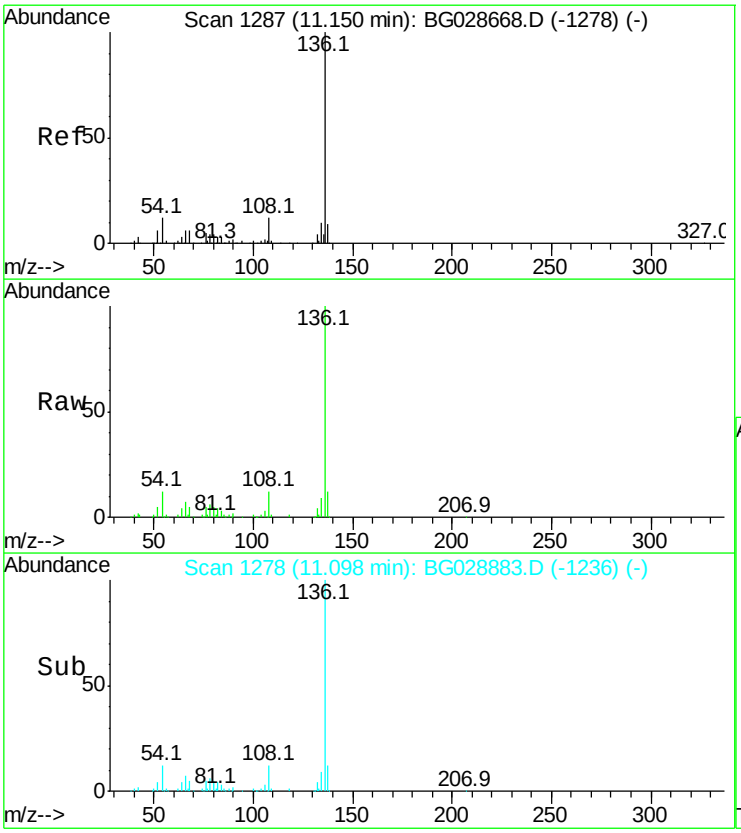
#7
Phenol-d6
Concen: 49.357 ng
RT: 7.43 min Scan# 654
Delta R.T. -0.06 min
Lab File: BG028883.D
Acq: 22 Sep 2017 20:40

Instrument :
BNA_G
ClientSampleId :
20170609-COMP-A

Tgt Ion: 99 Resp: 107250

Ion	Ratio	Lower	Upper
99	100		
42	16.3	20.5	30.7#
71	37.4	37.6	56.4#

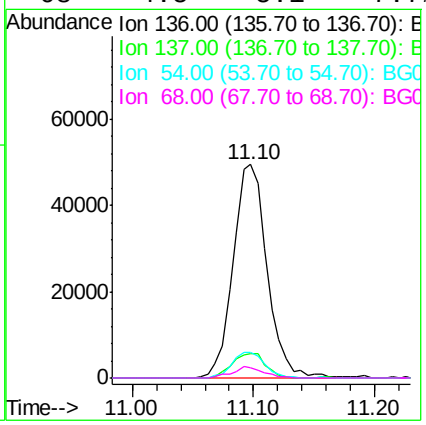


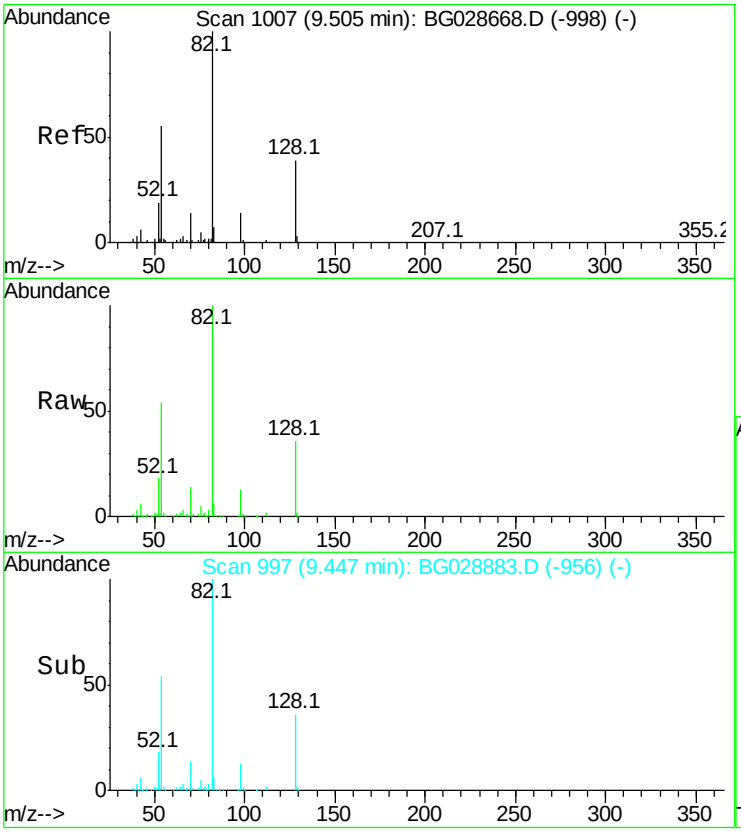


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.10 min Scan# 1278
Delta R.T. -0.05 min
Lab File: BG028883.D
Acq: 22 Sep 2017 20:40

Tgt Ion:136 Resp: 96988

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	11.7	9.3	13.9
68	4.5	5.1	7.7#



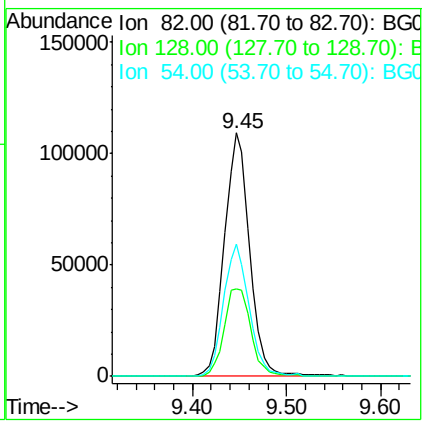


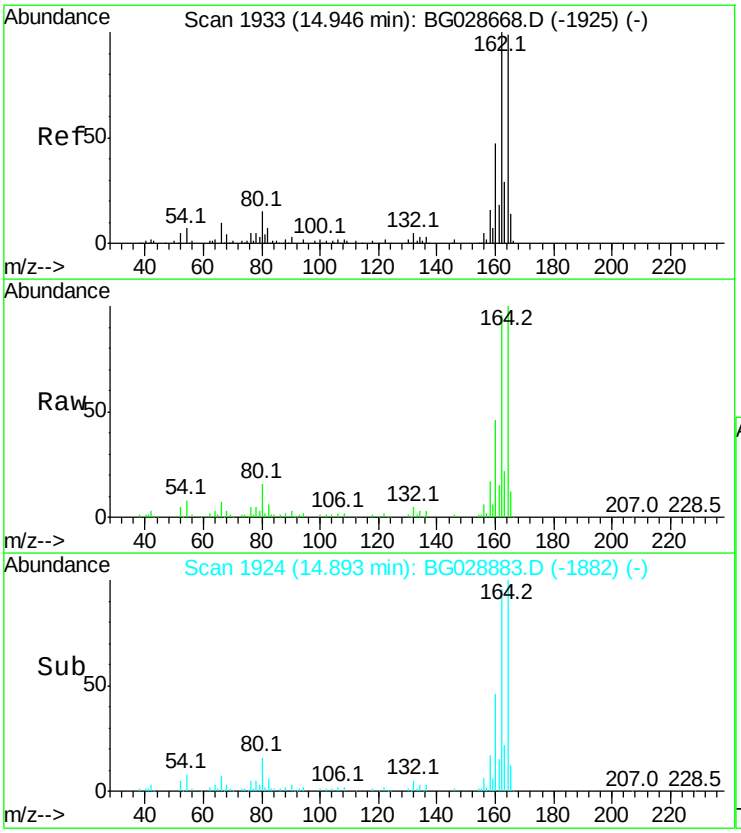
#23
Nitrobenzene-d5
Concen: 100.191 ng
RT: 9.45 min Scan# 997
Delta R.T. -0.06 min
Lab File: BG028883.D
Acq: 22 Sep 2017 20:40

Instrument :
BNA_G
ClientSampleId :
20170609-COMP-A

Tgt Ion: 82 Resp: 203132

Ion	Ratio	Lower	Upper
82	100		
128	35.8	26.4	39.6
54	54.3	49.4	74.2

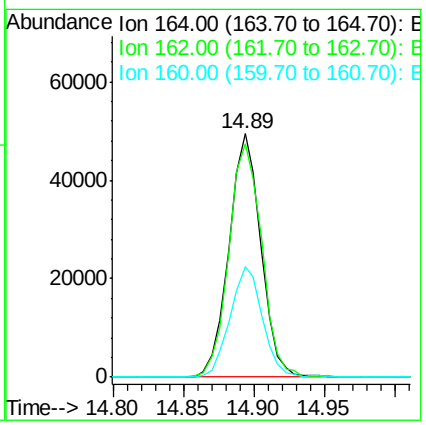


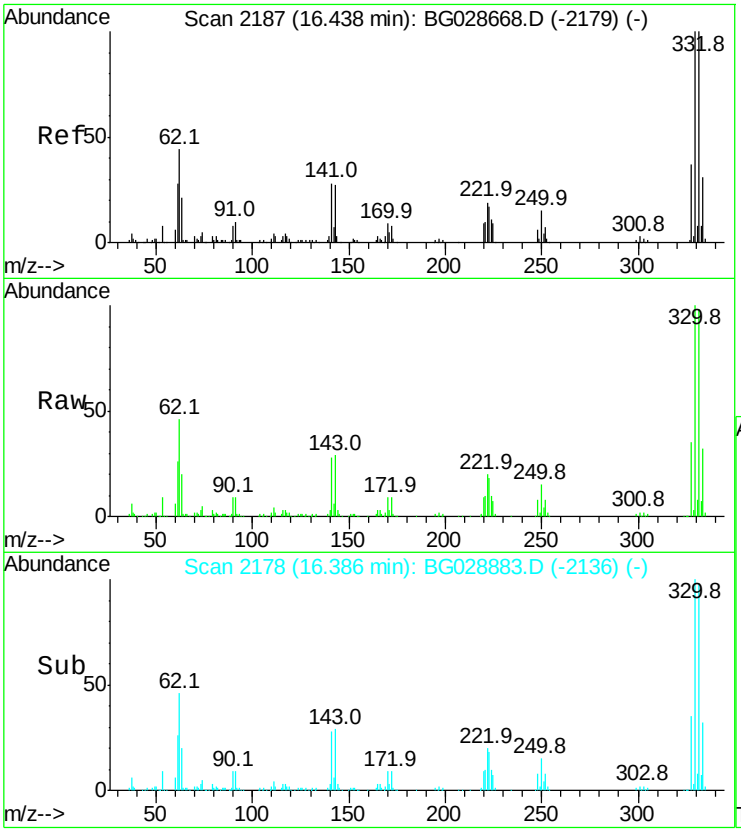


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.89 min Scan# 1924
Delta R.T. -0.05 min
Lab File: BG028883.D
Acq: 22 Sep 2017 20:40

Tgt Ion:164 Resp: 77551

Ion	Ratio	Lower	Upper
164	100		
162	95.8	85.1	127.7
160	45.6	34.7	52.1



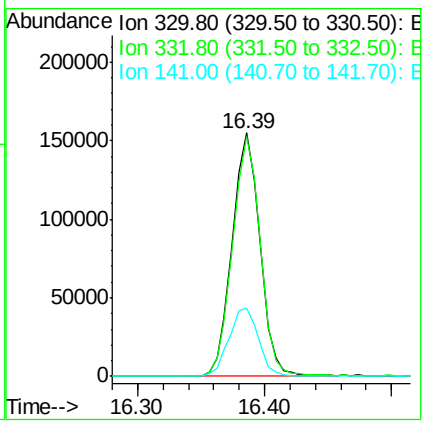


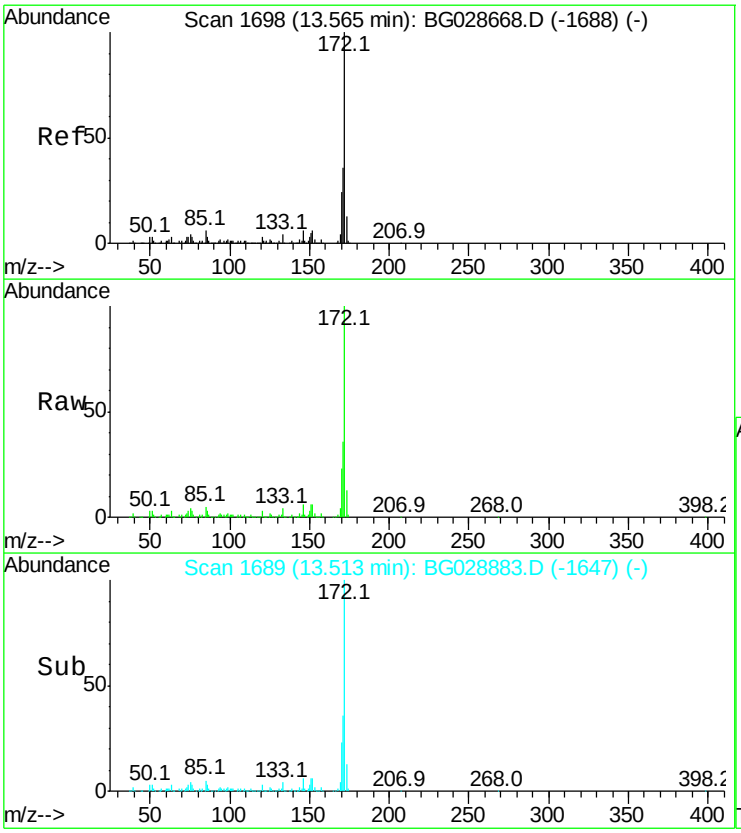
#41
2,4,6-Tribromophenol
Concen: 183.413 ng
RT: 16.39 min Scan# 2178
Delta R.T. -0.05 min
Lab File: BG028883.D
Acq: 22 Sep 2017 20:40

Instrument :
BNA_G
ClientSampleId :
20170609-COMP-A

Tgt Ion:330 Resp: 235254

Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.3	115.9
141	29.8	32.1	48.1#

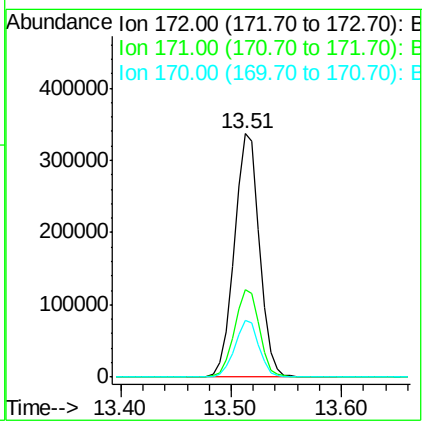


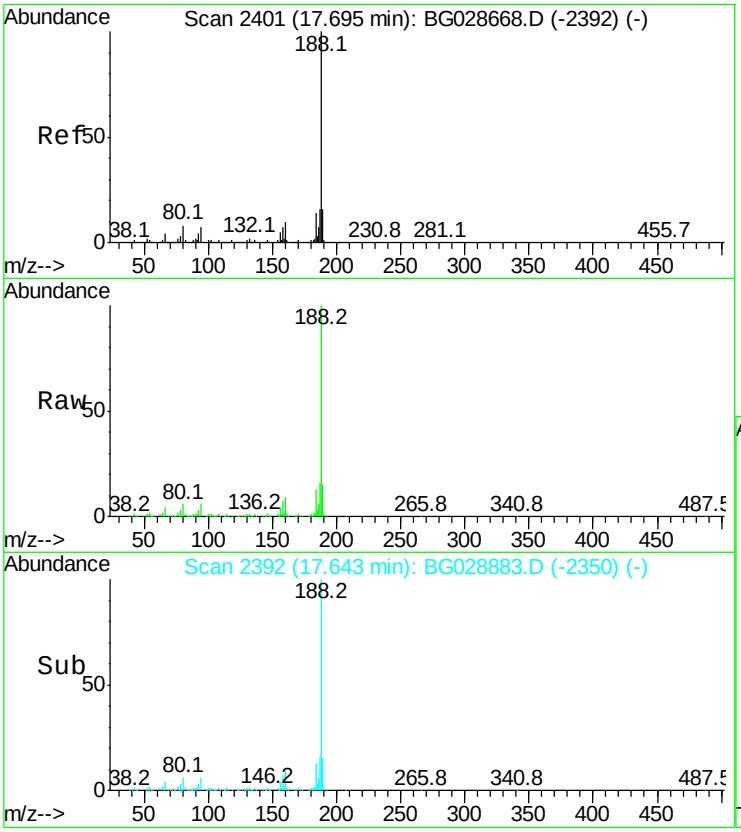


#44
2-Fluorobiphenyl
Concen: 92.665 ng
RT: 13.51 min Scan# 1689
Delta R.T. -0.05 min
Lab File: BG028883.D
Acq: 22 Sep 2017 20:40

Tgt Ion:172 Resp: 538931

Ion	Ratio	Lower	Upper
172	100		
171	36.1	32.2	48.2
170	23.1	21.8	32.6



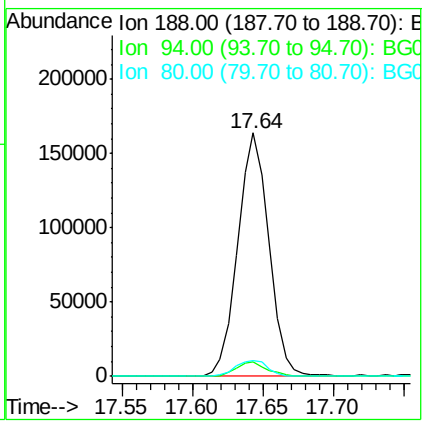


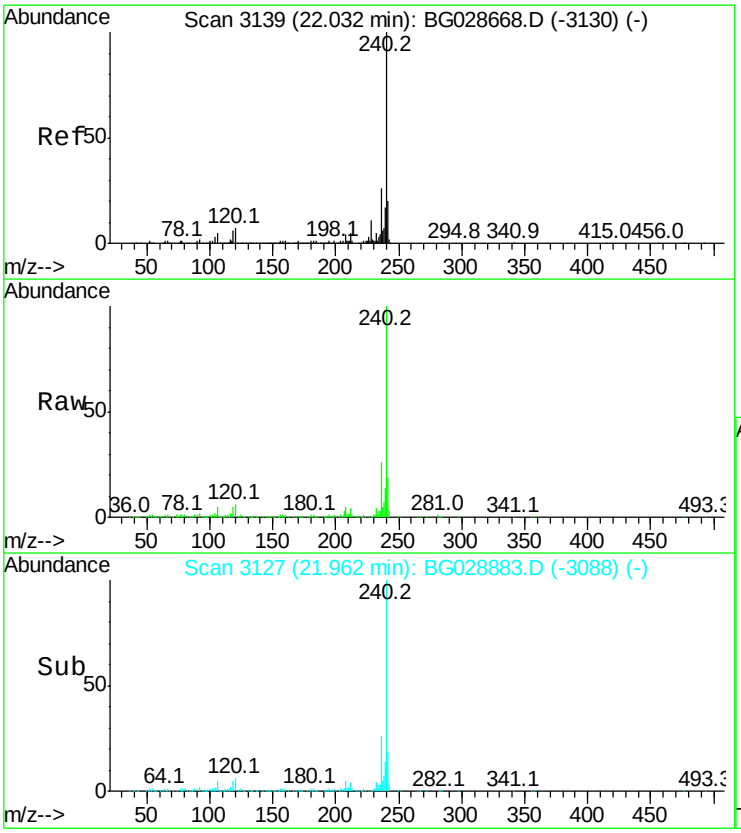
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2392
Delta R.T. -0.05 min
Lab File: BG028883.D
Acq: 22 Sep 2017 20:40

Instrument :
BNA_G
ClientSampleId :
20170609-COMP-A

Tgt Ion:188 Resp: 252864

Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.8	8.8
80	6.5	7.5	11.3#

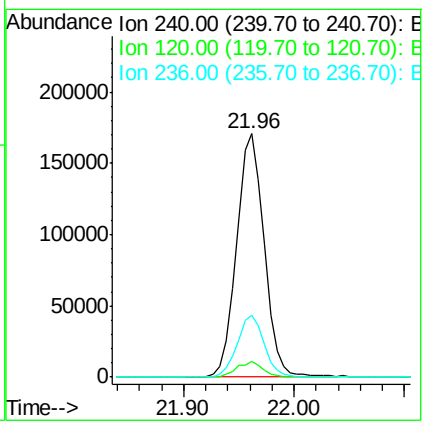


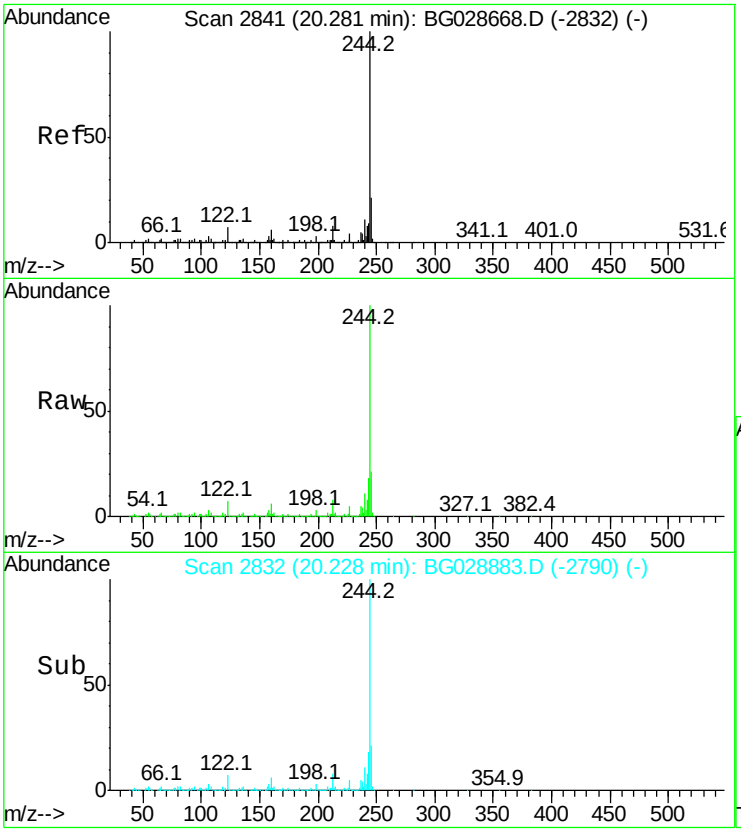


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.96 min Scan# 3127
Delta R.T. -0.07 min
Lab File: BG028883.D
Acq: 22 Sep 2017 20:40

Tgt Ion:240 Resp: 300374

Ion	Ratio	Lower	Upper
240	100		
120	6.3	5.7	8.5
236	25.6	22.2	33.4



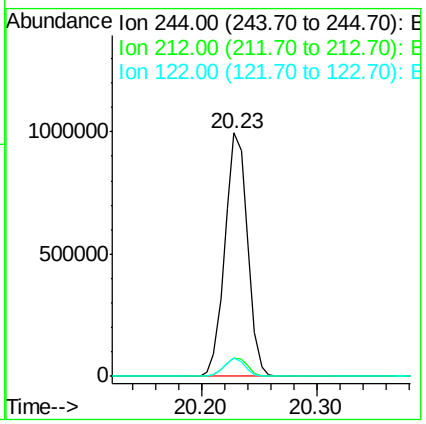


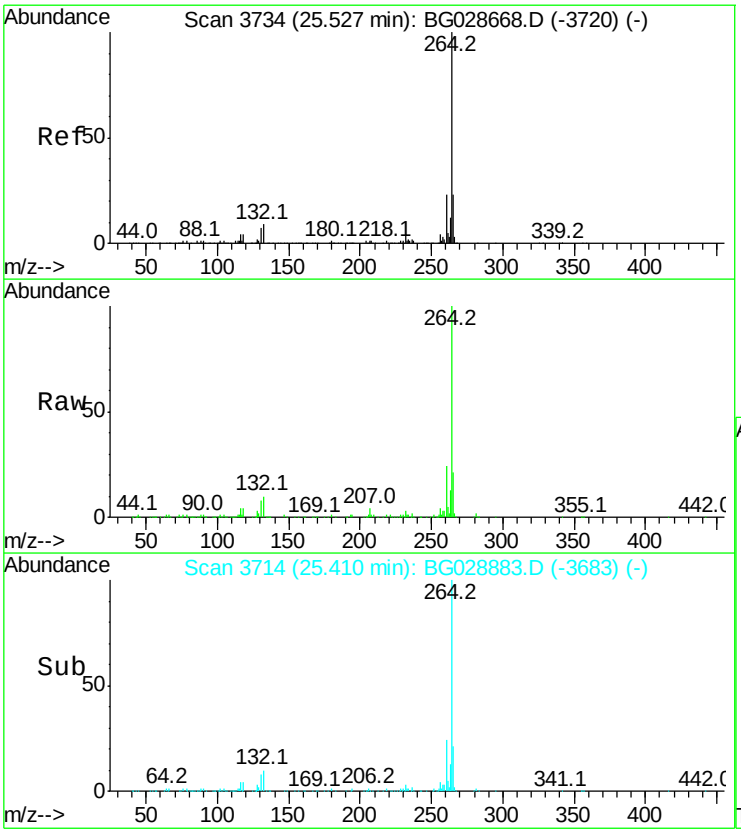
#78
Terphenyl-d14
Concen: 95.568 ng
RT: 20.23 min Scan# 2832
Delta R.T. -0.05 min
Lab File: BG028883.D
Acq: 22 Sep 2017 20:40

Instrument :
BNA_G
ClientSampleId :
20170609-COMP-A

Tgt Ion:244 Resp: 1346086

Ion	Ratio	Lower	Upper
244	100		
212	7.8	10.0	15.0#
122	7.5	8.6	12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.41 min Scan# 3714
Delta R.T. -0.12 min
Lab File: BG028883.D
Acq: 22 Sep 2017 20:40

Tgt Ion:264 Resp: 309190

Ion	Ratio	Lower	Upper
264	100		
260	24.0	21.8	32.8
265	21.4	18.2	27.4