Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
Data File : BG025938.D
Acq On : 24 Feb 2017 18:59
Operator : SJ/MA
Sample : PB97159BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB97159BL

Quant Time: Feb 24 22:40:17 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 15:48:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	82779	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	373956	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	243796	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	692010	20.00	ng	0.00
75) Chrysene-d12	21.66	240	775052	20.00	ng	-0.02
86) Perylene-d12	24.87	264	750069	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	707038	148.70	ng	0.00
7) Phenol-d6	7.24	99	973800	138.40	ng	0.00
23) Nitrobenzene-d5	9.23	82	522096	88.11	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	455090	202.05	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1436887	102.99	ng	-0.01
78) Terphenyl-d14	20.01	244	2496648	78.35	ng	-0.01

Target Compounds	Qvalue

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

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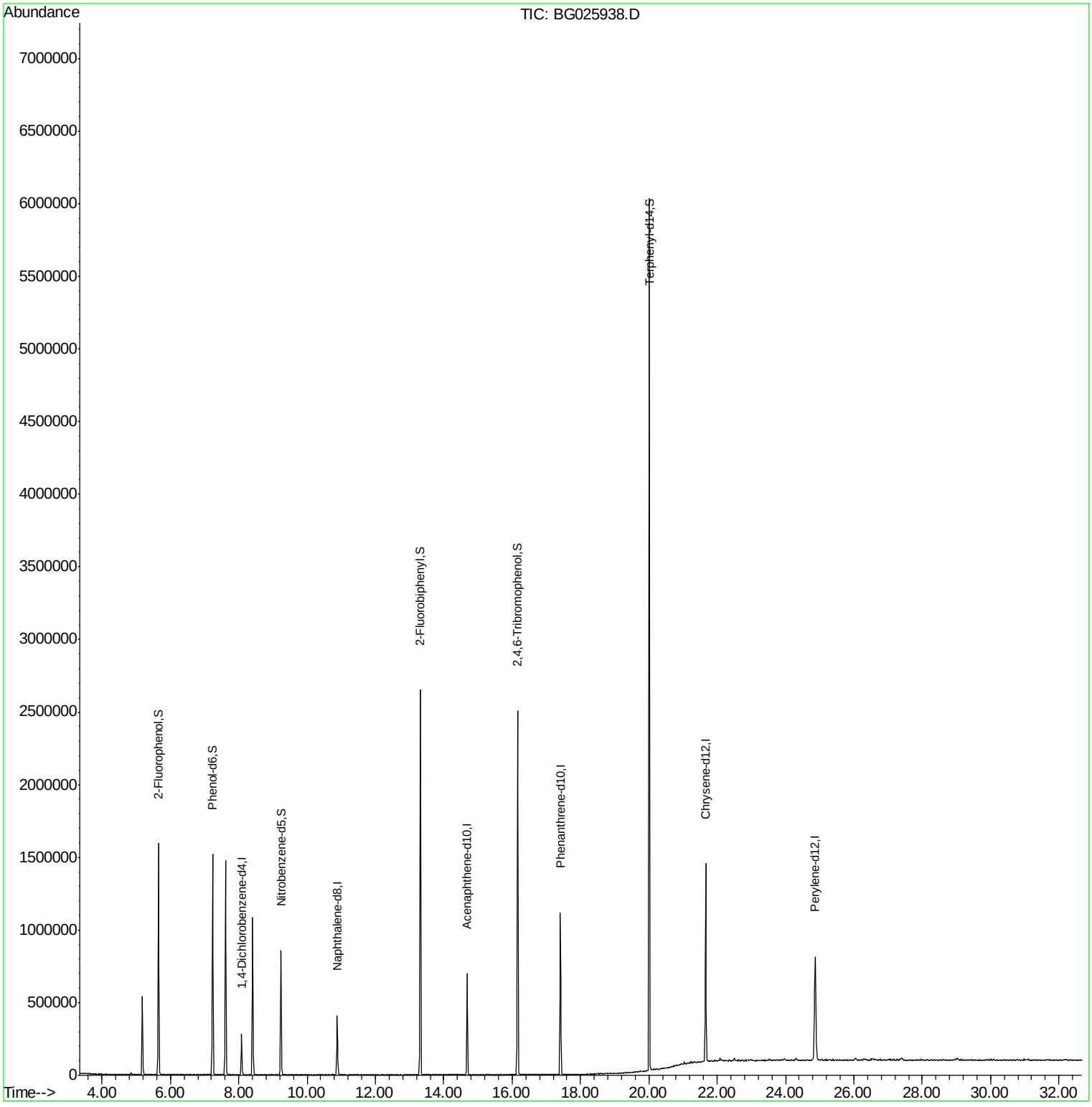
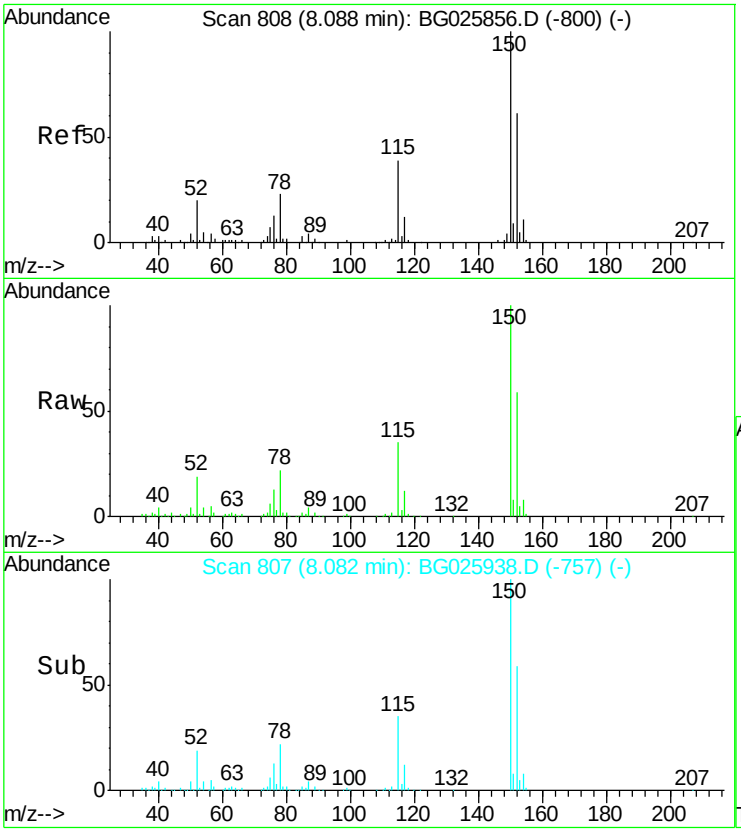


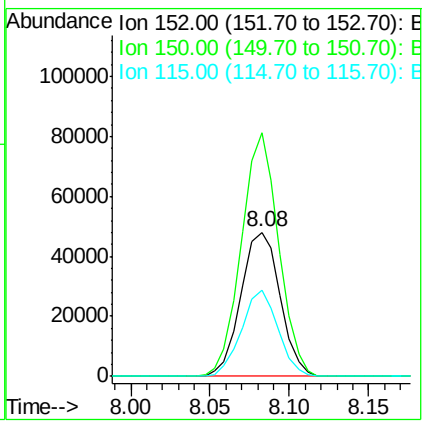


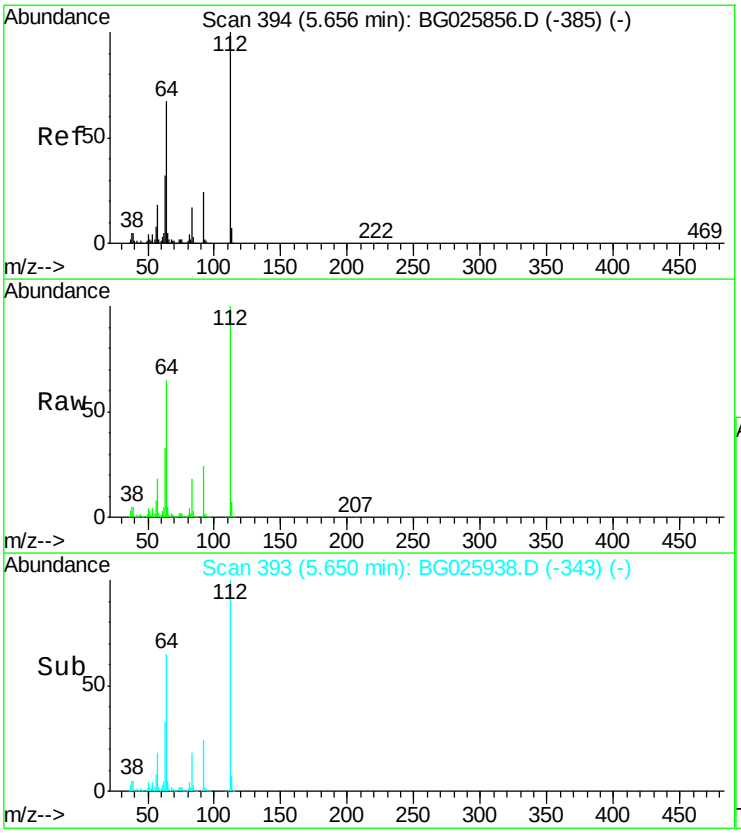
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG025938.D
Acq: 24 Feb 2017 18:59

Instrument :
BNA_G
ClientSampleId :
PB97159BL

Tgt Ion:152 Resp: 82779

Ion	Ratio	Lower	Upper
152	100		
150	168.6	114.0	171.0
115	59.6	48.1	72.1

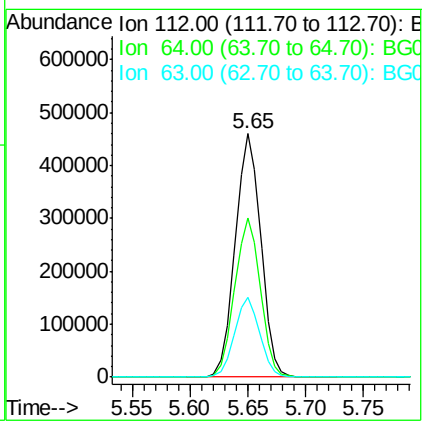


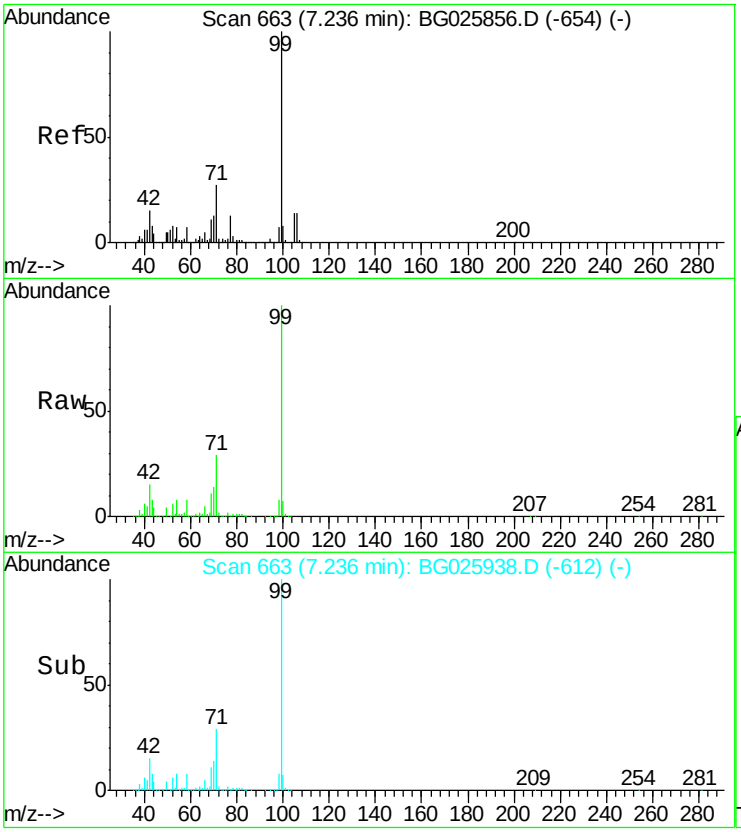


#5
2-Fluorophenol
Concen: 148.70 ng
RT: 5.65 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG025938.D
Acq: 24 Feb 2017 18:59

Tgt Ion:112 Resp: 707038

Ion	Ratio	Lower	Upper
112	100		
64	65.3	61.8	92.6
63	33.0	37.2	55.8#



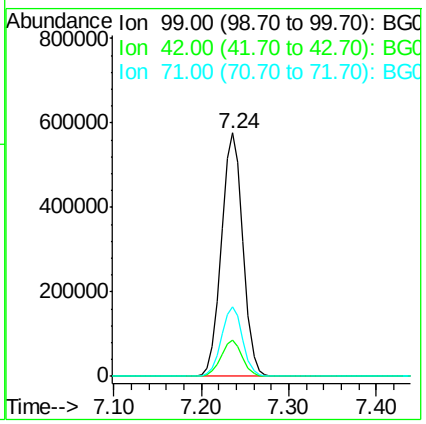


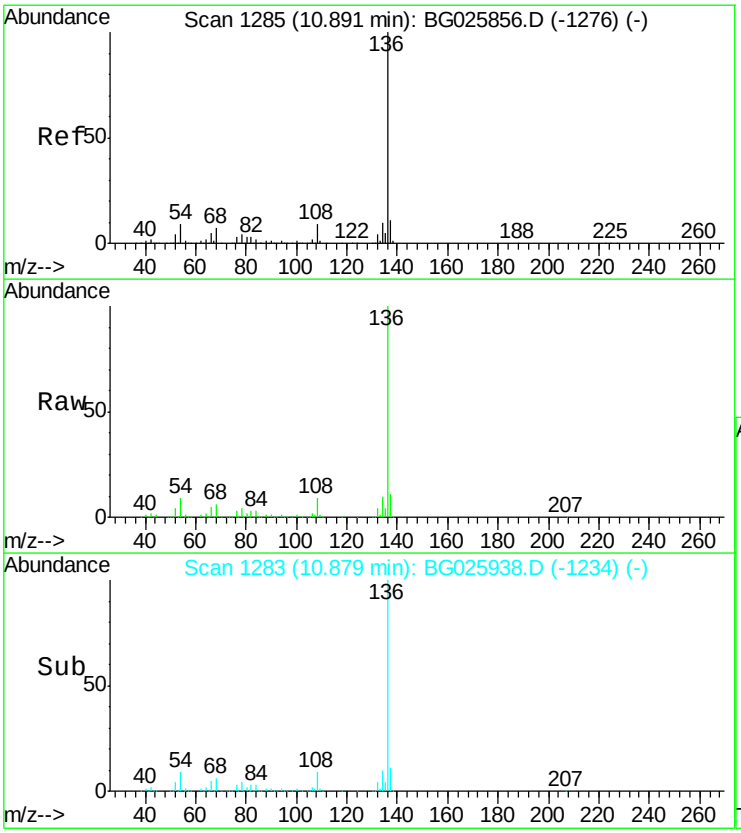
#7
Phenol-d6
Concen: 138.40 ng
RT: 7.24 min Scan# 663
Delta R.T. 0.00 min
Lab File: BG025938.D
Acq: 24 Feb 2017 18:59

Instrument :
BNA_G
ClientSampleId :
PB97159BL

Tgt Ion: 99 Resp: 973800

Ion	Ratio	Lower	Upper
99	100		
42	14.7	20.5	30.7#
71	28.8	37.6	56.4#

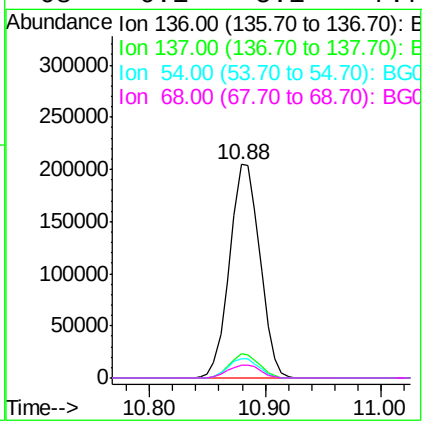


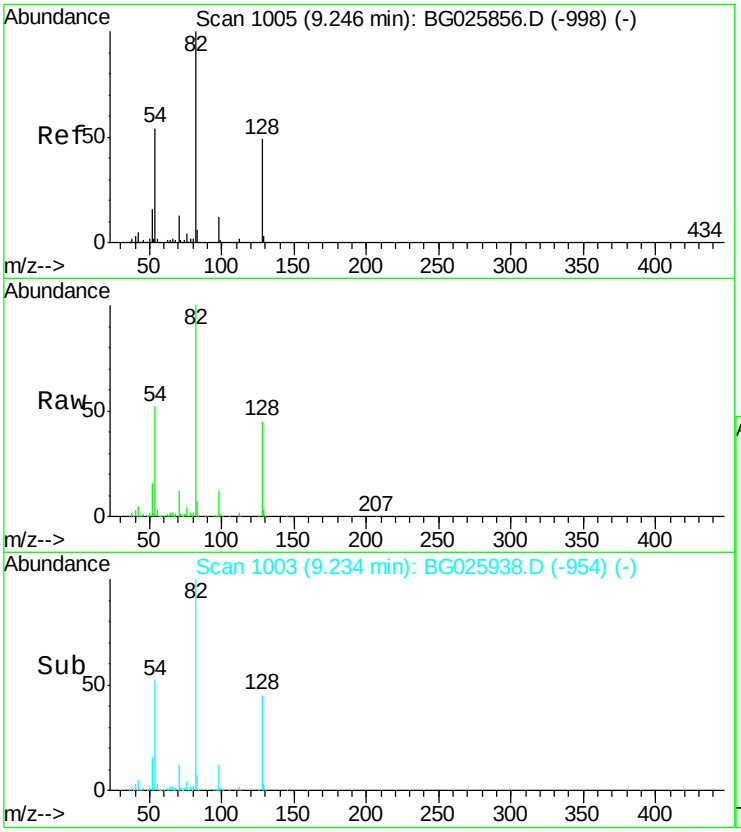


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG025938.D
Acq: 24 Feb 2017 18:59

Tgt Ion:136 Resp: 373956

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.3	9.3	13.9
68	6.1	5.1	7.7



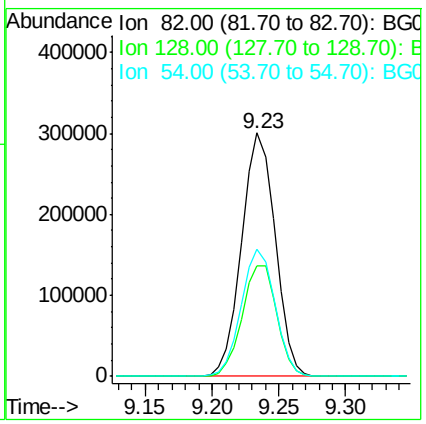


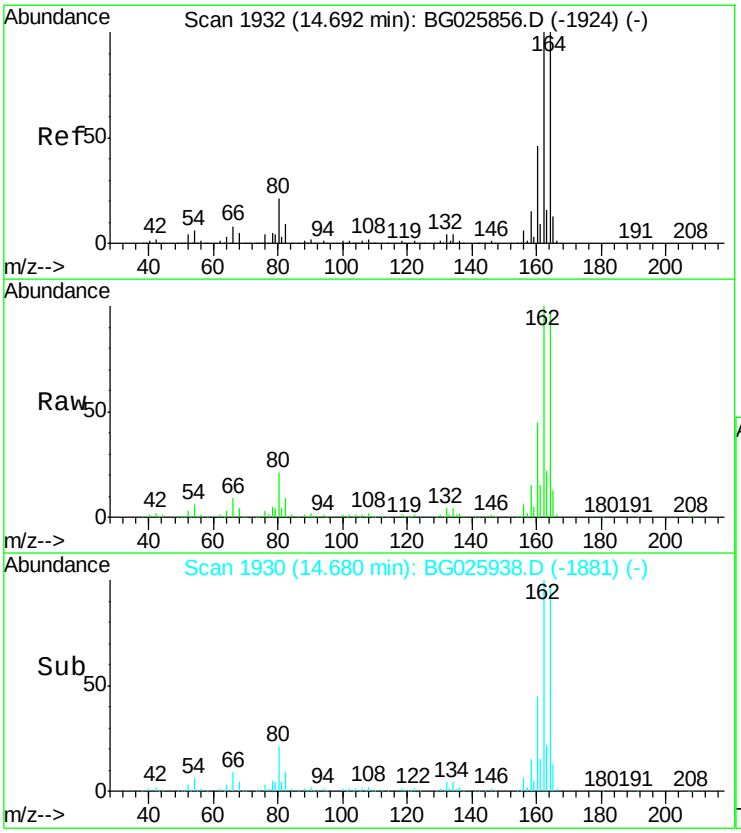
#23
Nitrobenzene-d5
Concen: 88.11 ng
RT: 9.23 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG025938.D
Acq: 24 Feb 2017 18:59

Instrument :
BNA_G
ClientSampleId :
PB97159BL

Tgt Ion: 82 Resp: 522096

Ion	Ratio	Lower	Upper
82	100		
128	45.4	26.4	39.6#
54	52.1	49.4	74.2

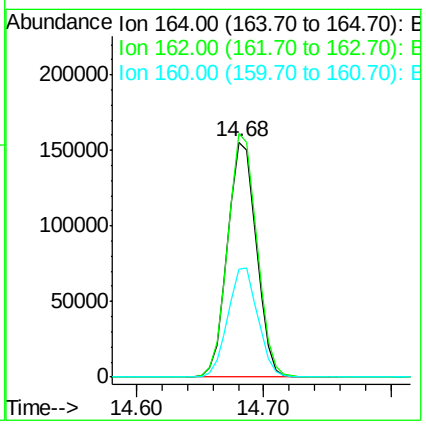


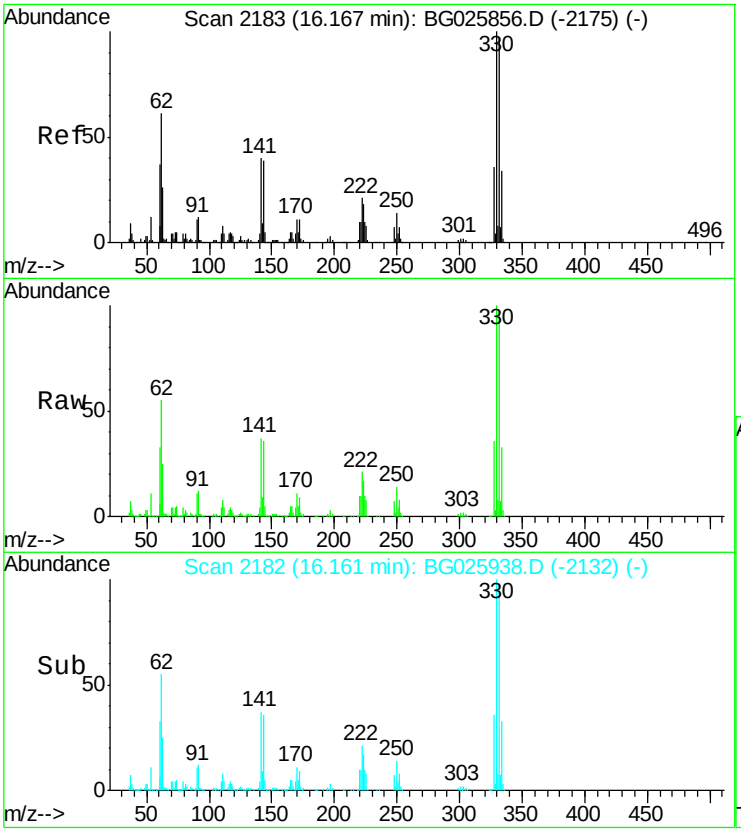


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BG025938.D
Acq: 24 Feb 2017 18:59

Tgt Ion:164 Resp: 243796

Ion	Ratio	Lower	Upper
164	100		
162	103.5	85.1	127.7
160	46.1	34.7	52.1



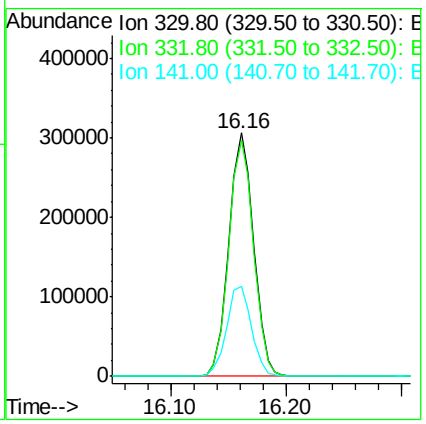


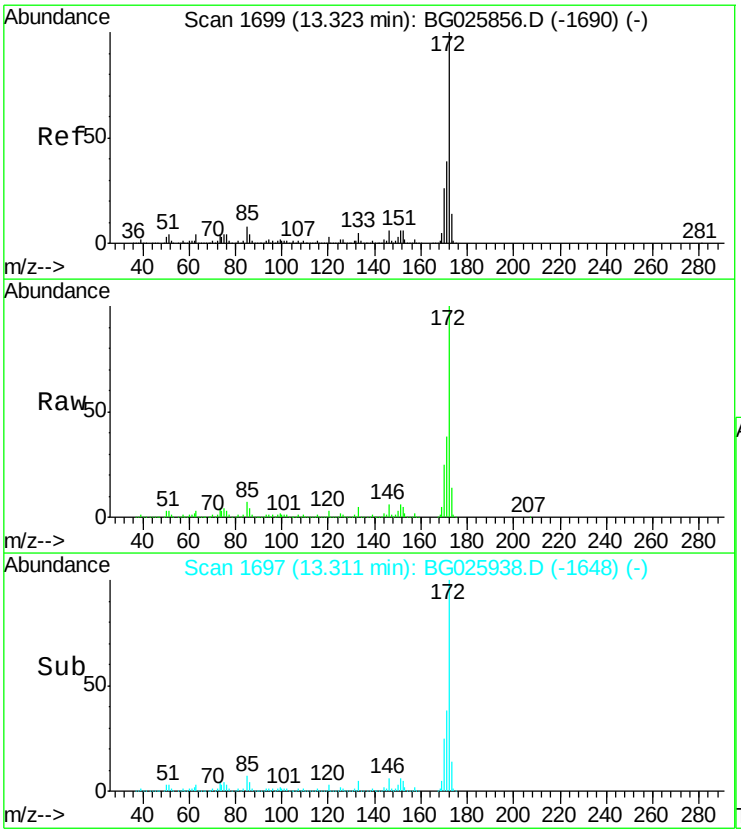
#41
2,4,6-Tribromophenol
Concen: 202.05 ng
RT: 16.16 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG025938.D
Acq: 24 Feb 2017 18:59

Instrument :
BNA_G
ClientSampleId :
PB97159BL

Tgt Ion:330 Resp: 455090

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	37.2	32.1	48.1

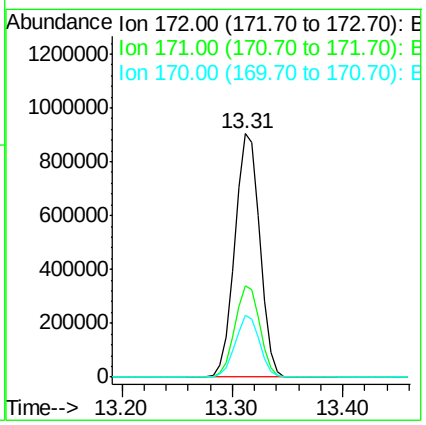


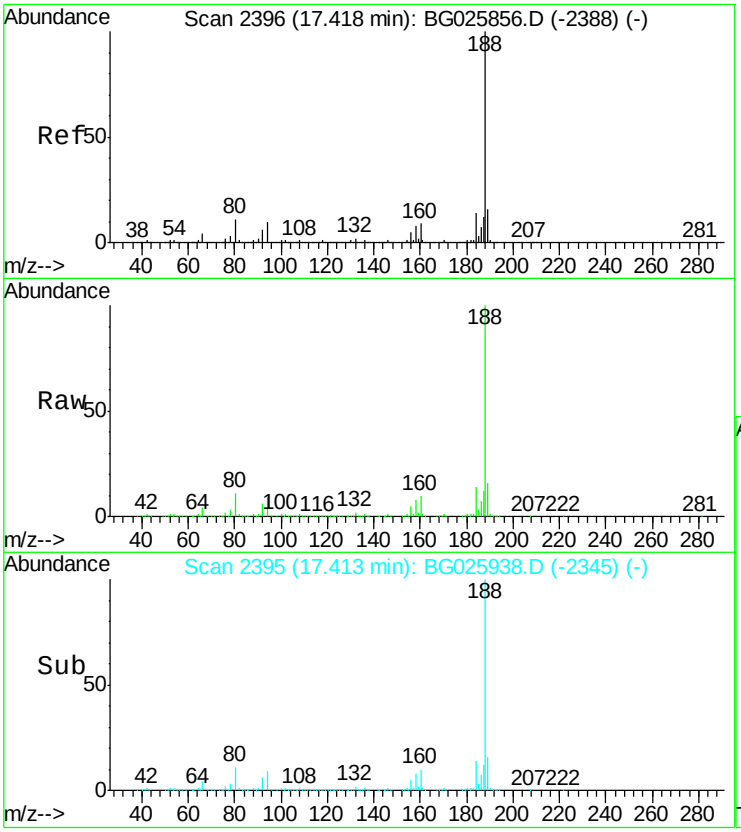


#44
2-Fluorobiphenyl
Concen: 102.99 ng
RT: 13.31 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG025938.D
Acq: 24 Feb 2017 18:59

Tgt Ion:172 Resp: 1436887

Ion	Ratio	Lower	Upper
172	100		
171	37.7	32.2	48.2
170	25.2	21.8	32.6



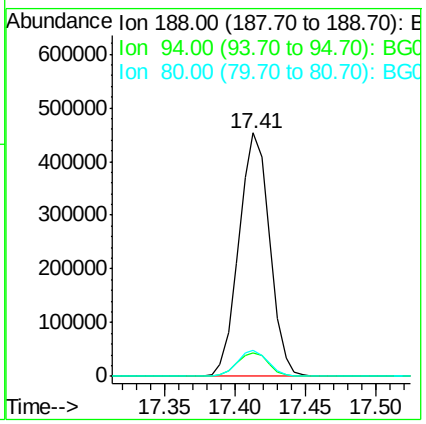


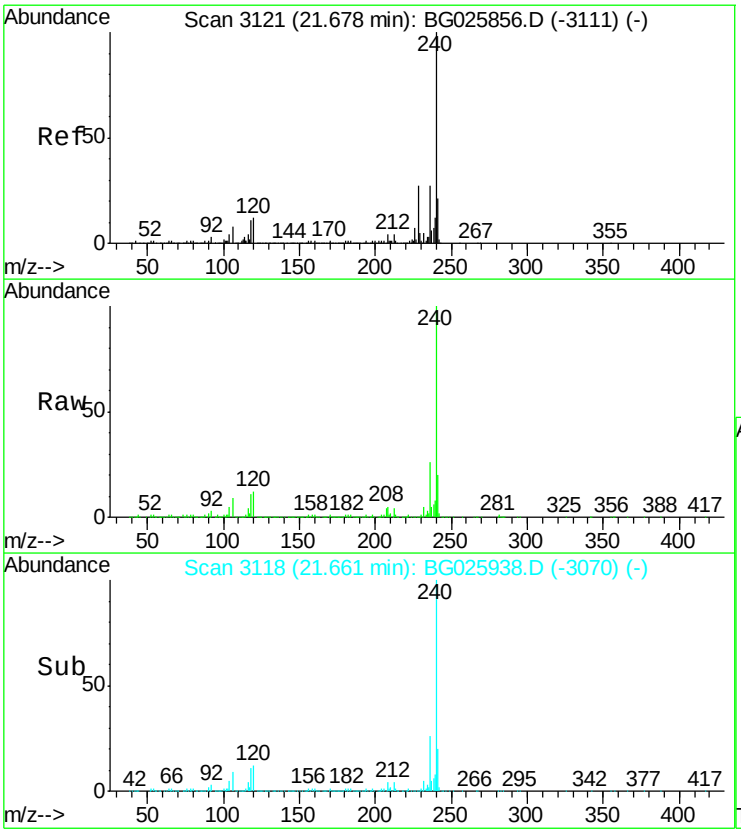
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BG025938.D
Acq: 24 Feb 2017 18:59

Instrument :
BNA_G
ClientSampleId :
PB97159BL

Tgt Ion:188 Resp: 692010

Ion	Ratio	Lower	Upper
188	100		
94	9.5	5.8	8.8#
80	10.9	7.5	11.3

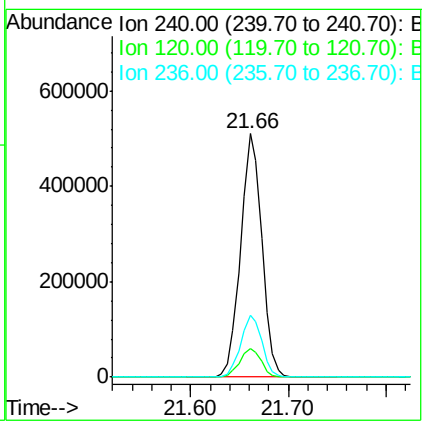


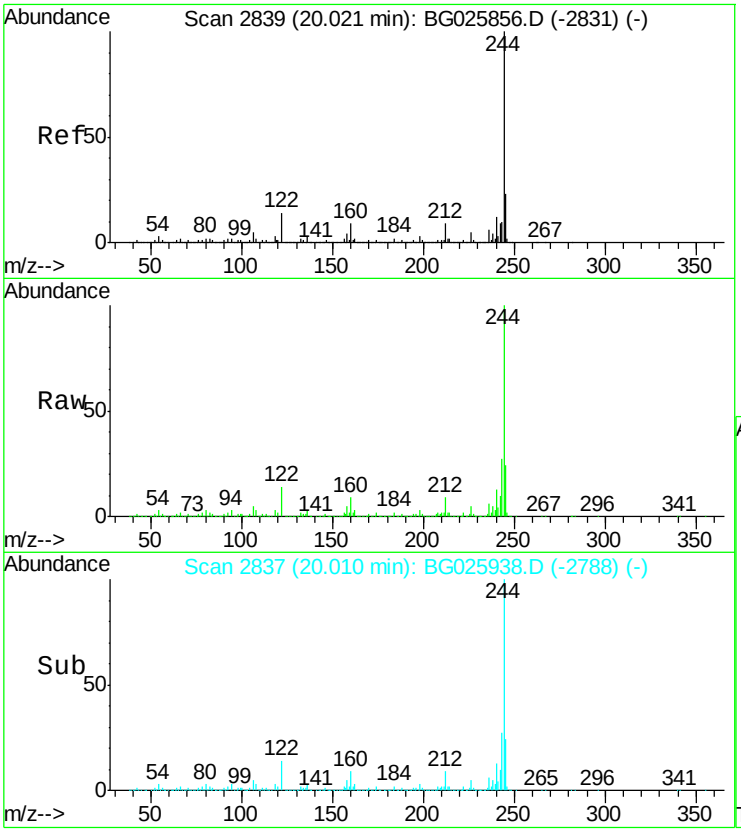


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.66 min Scan# 3118
Delta R.T. -0.02 min
Lab File: BG025938.D
Acq: 24 Feb 2017 18:59

Tgt Ion:240 Resp: 775052

Ion	Ratio	Lower	Upper
240	100		
120	12.0	5.7	8.5#
236	25.7	22.2	33.4



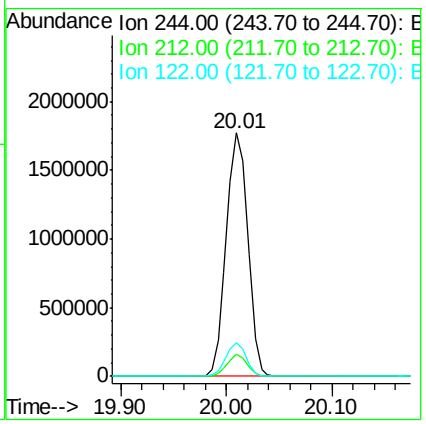


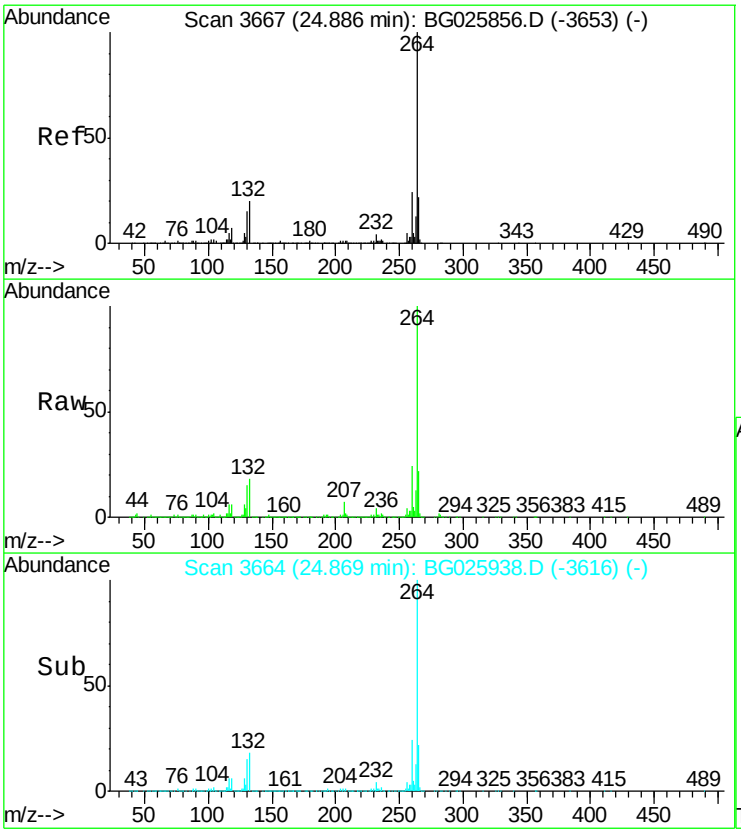
#78
Terphenyl-d14
Concen: 78.35 ng
RT: 20.01 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BG025938.D
Acq: 24 Feb 2017 18:59

Instrument :
BNA_G
ClientSampleId :
PB97159BL

Tgt Ion:244 Resp: 2496648

Ion	Ratio	Lower	Upper
244	100		
212	8.9	10.0	15.0#
122	13.7	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.87 min Scan# 3664
Delta R.T. -0.02 min
Lab File: BG025938.D
Acq: 24 Feb 2017 18:59

Tgt Ion:264 Resp: 750069

Ion	Ratio	Lower	Upper
264	100		
260	23.8	21.8	32.8
265	22.0	18.2	27.4