Quantitation Report (LSC Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG122617\
Data File : BG031784.D
Acq On : 27 Dec 2017 5:53
Operator : SJ/JU
Sample : I7009-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121917-JETT-F-D-M

Quant Time: Dec 27 06:41:38 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	45265	20.00	ng	-0.04
21) Naphthalene-d8	11.69	136	191910	20.00	ng	-0.03
38) Acenaphthene-d10	15.44	164	139749	20.00	ng	-0.03
63) Phenanthrene-d10	18.17	188	387605	20.00	ng	-0.04
75) Chrysene-d12	22.52	240	467303	20.00	ng	-0.05
86) Perylene-d12	26.27	264	493820	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	122196	49.17	ng	-0.03
7) Phenol-d6	7.90	99	100051	31.01	ng	-0.03
23) Nitrobenzene-d5	10.01	82	249571	98.20	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	222110	104.16	ng	-0.03
44) 2-Fluorobiphenyl	14.07	172	974065	87.48	ng	-0.03
78) Terphenyl-d14	20.70	244	1779077	86.98	ng	-0.04
Target Compounds						Qvalue
10) Phenol	7.93	94	7084	2.175	ng	89

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

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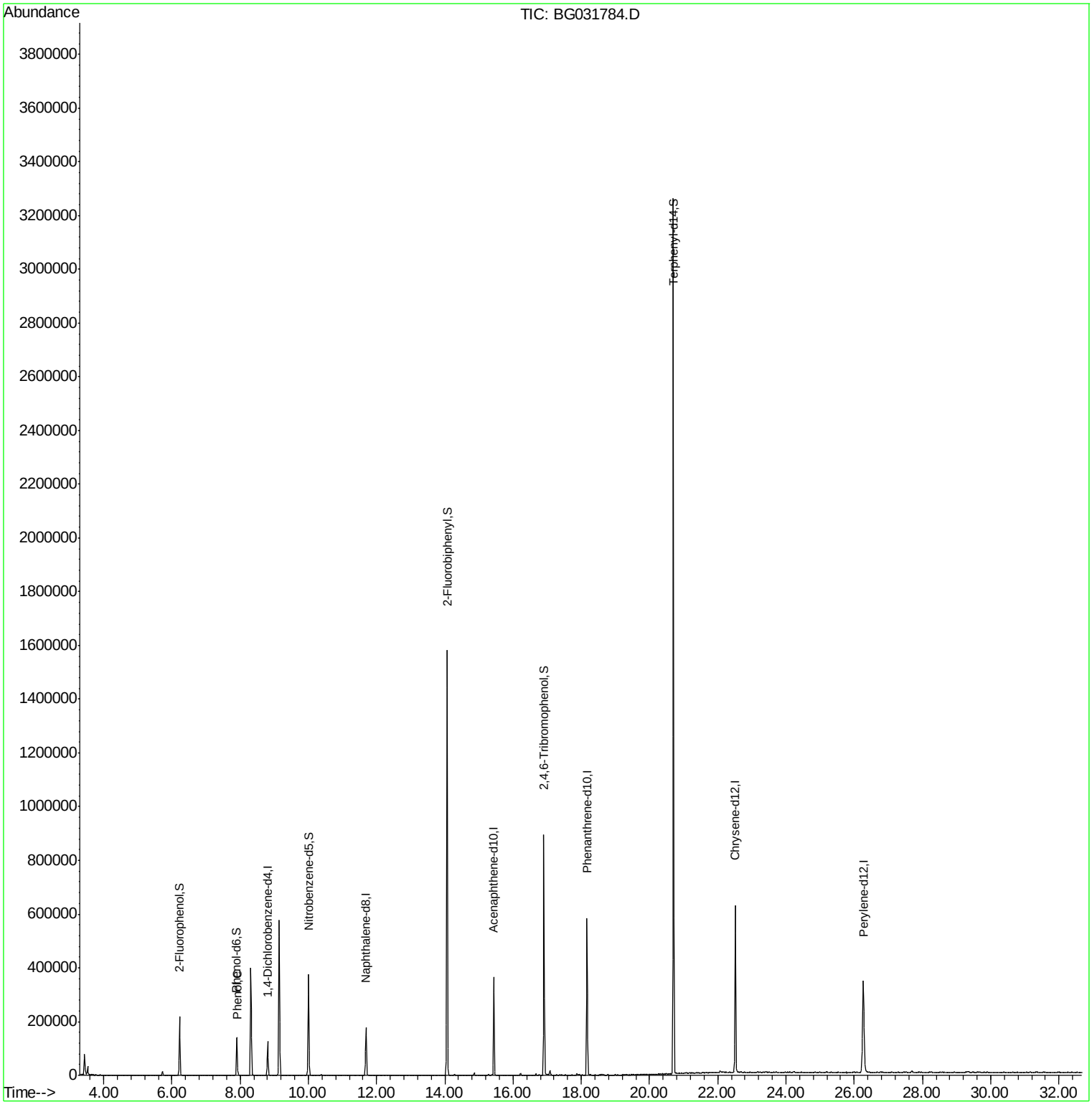
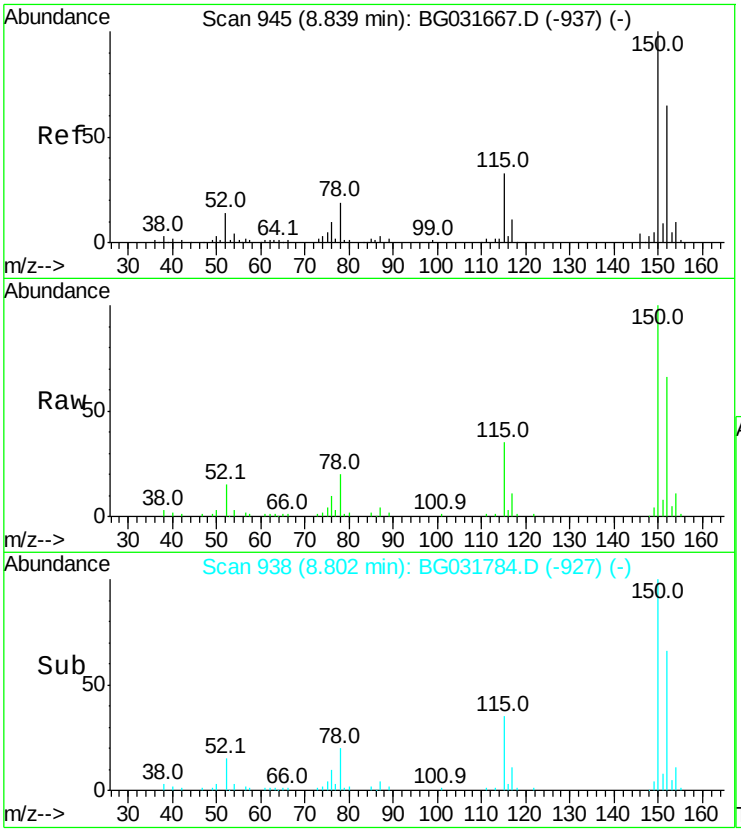


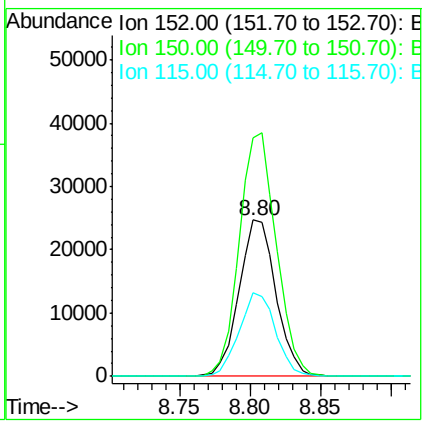


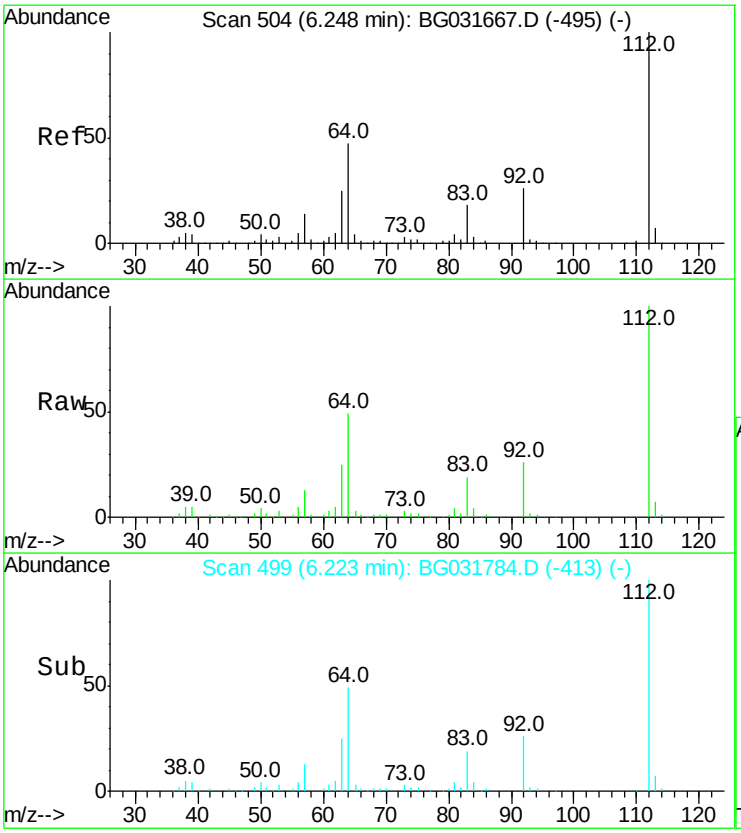
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.04 min
Lab File: BG031784.D
Acq: 27 Dec 2017 5:53

Instrument :
BNA_G
ClientSampleId :
121917-JETT-F-D-M

Tgt Ion:152 Resp: 45265

Ion	Ratio	Lower	Upper
152	100		
150	152.6	126.6	189.8
115	53.8	53.0	79.4

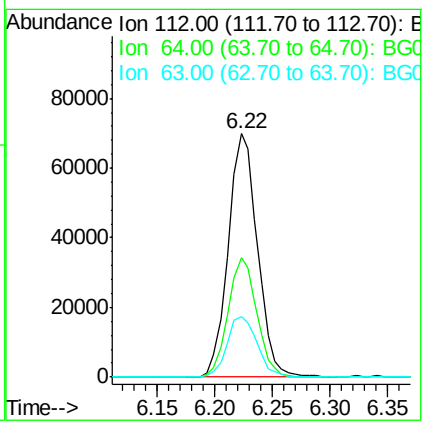


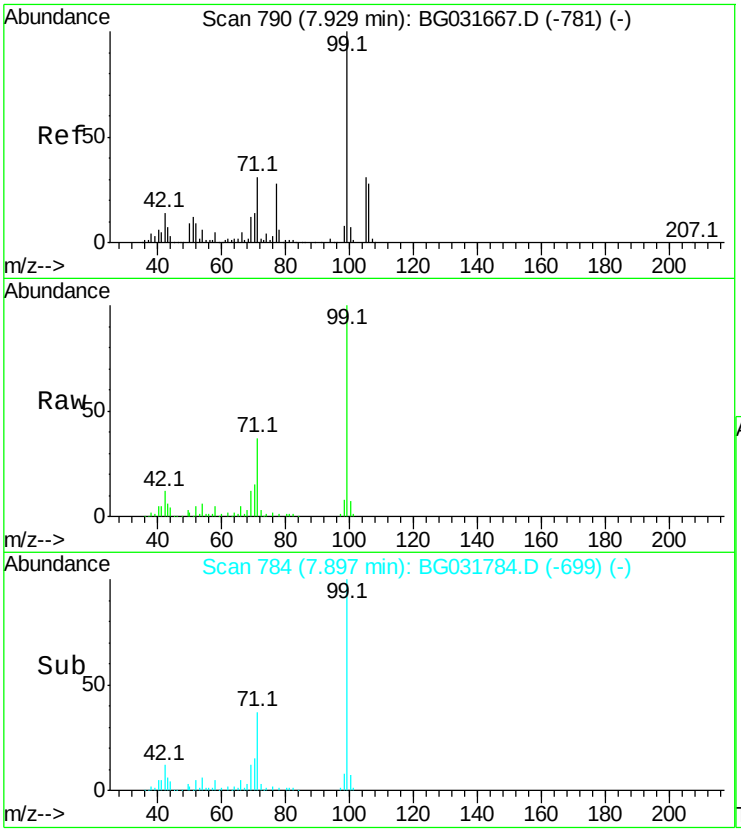


#5
2-Fluorophenol
Concen: 49.170 ng
RT: 6.22 min Scan# 499
Delta R.T. -0.03 min
Lab File: BG031784.D
Acq: 27 Dec 2017 5:53

Tgt Ion:112 Resp: 122196

Ion	Ratio	Lower	Upper
112	100		
64	49.3	56.3	84.5#
63	24.8	30.1	45.1#



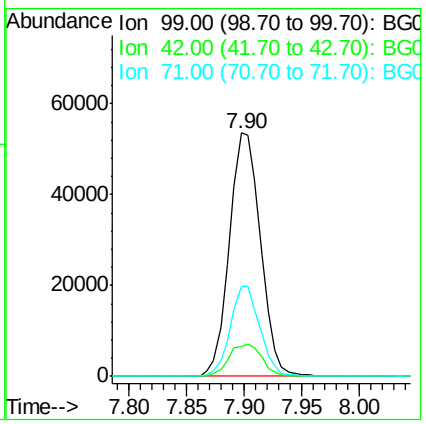


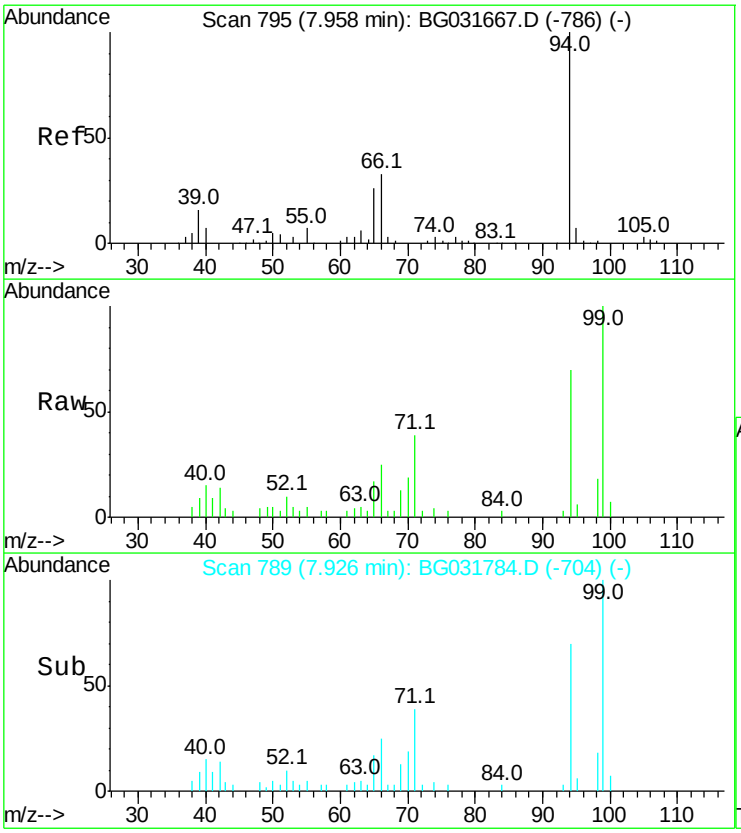
#7
Phenol-d6
Concen: 31.008 ng
RT: 7.90 min Scan# 784
Delta R.T. -0.03 min
Lab File: BG031784.D
Acq: 27 Dec 2017 5:53

Instrument :
BNA_G
ClientSampleId :
121917-JETT-F-D-M

Tgt Ion: 99 Resp: 100051

Ion	Ratio	Lower	Upper
99	100		
42	12.3	14.1	21.1#
71	37.0	26.1	39.1

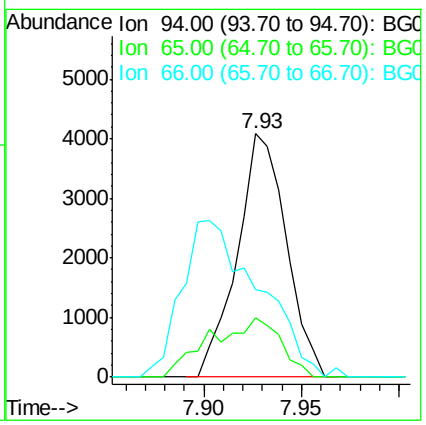


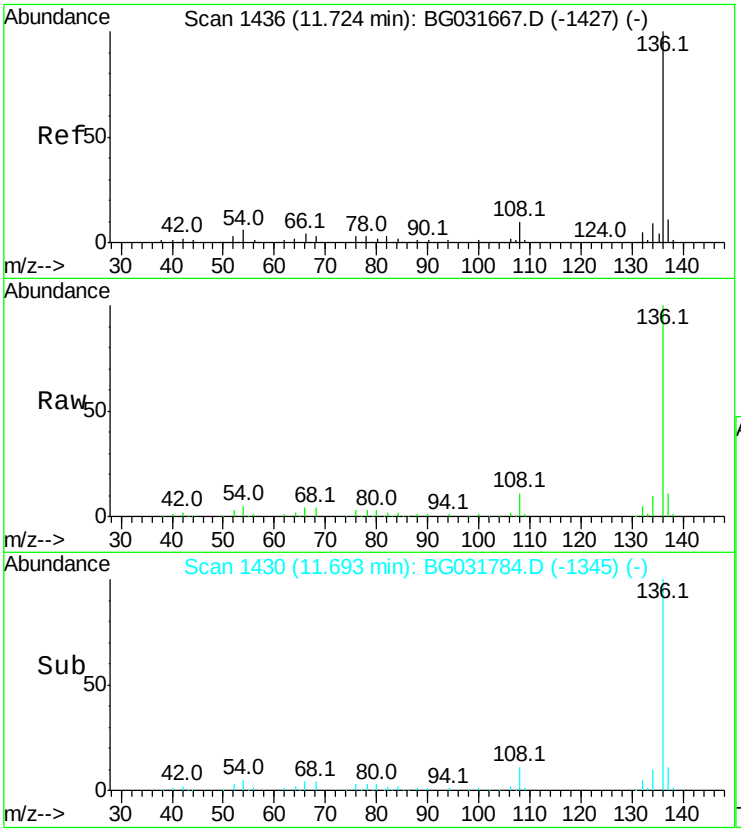


#10
Phenol
Concen: 2.175 ng
RT: 7.93 min Scan# 789
Delta R.T. -0.03 min
Lab File: BG031784.D
Acq: 27 Dec 2017 5:53

Tgt Ion: 94 Resp: 7084

Ion	Ratio	Lower	Upper
94	100		
65	24.1	11.9	51.9
66	36.1	22.2	62.2



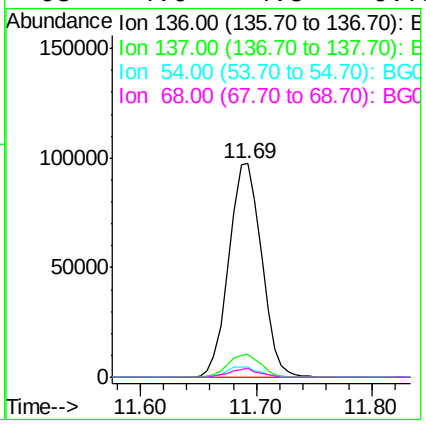


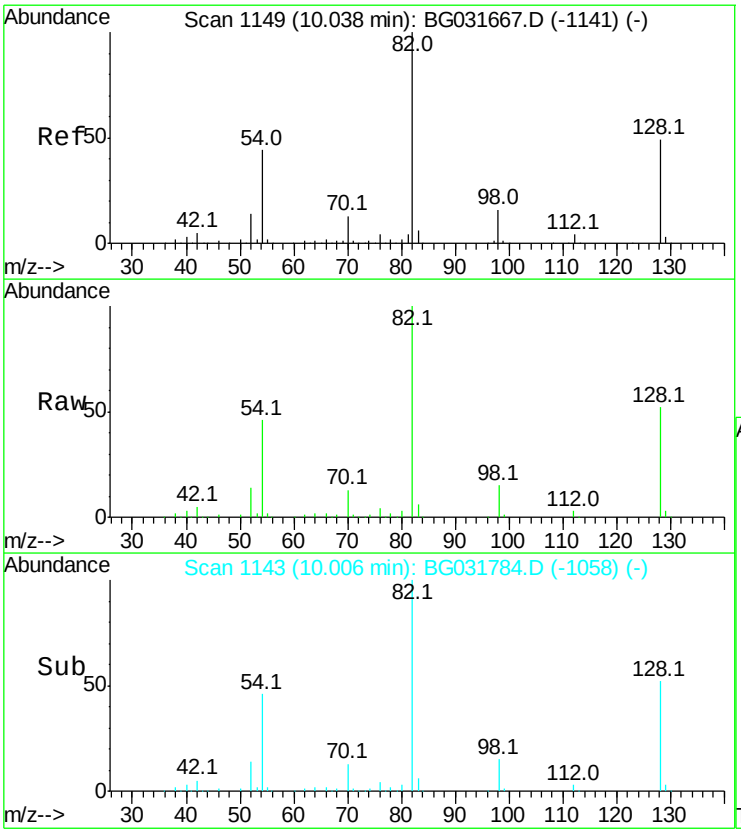
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1430
Delta R.T. -0.03 min
Lab File: BG031784.D
Acq: 27 Dec 2017 5:53

Instrument :
BNA_G
ClientSampleId :
121917-JETT-F-D-M

Tgt Ion:136 Resp: 191910

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	4.8	10.3	15.5#
68	4.0	4.5	6.7#

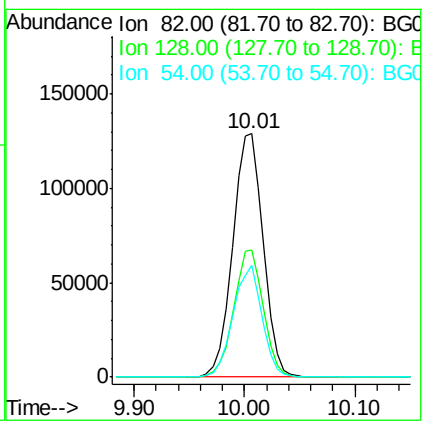


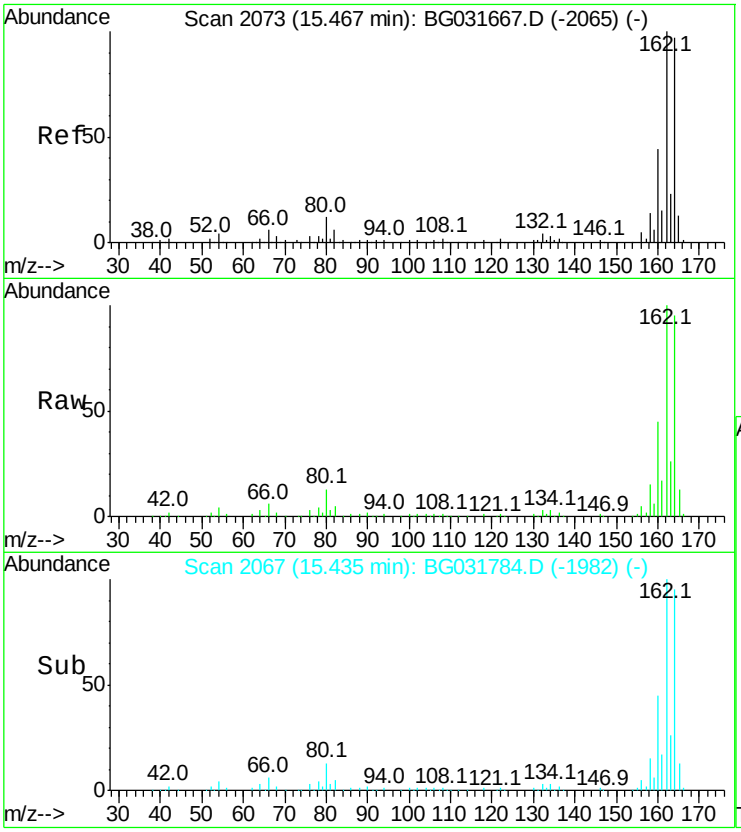


#23
Nitrobenzene-d5
Concen: 98.200 ng
RT: 10.01 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BG031784.D
Acq: 27 Dec 2017 5:53

Tgt Ion: 82 Resp: 249571

Ion	Ratio	Lower	Upper
82	100		
128	52.3	29.7	44.5#
54	46.0	43.1	64.7



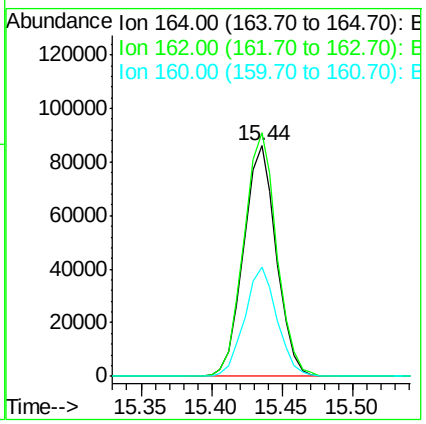


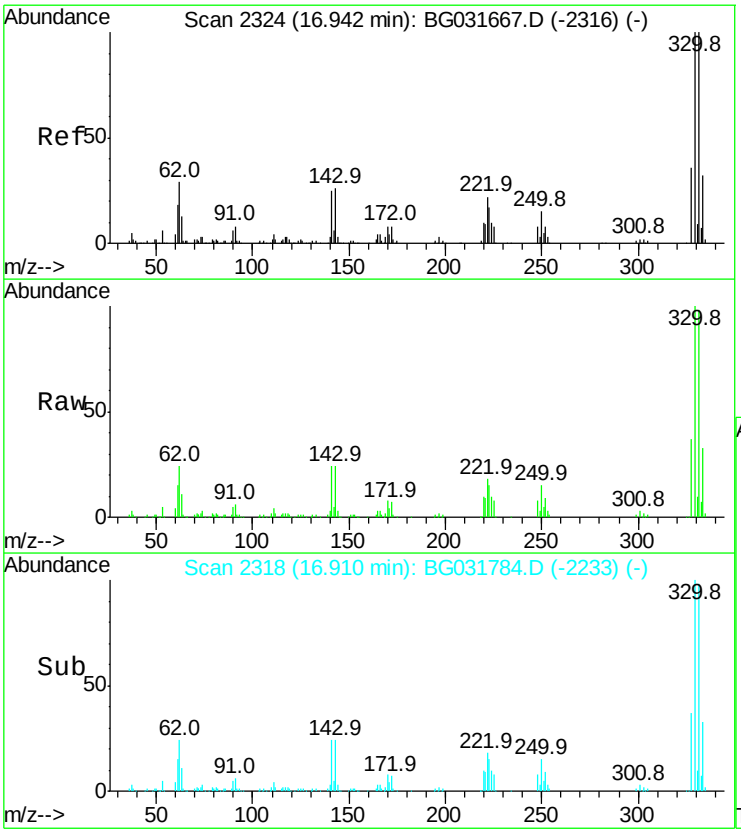
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.44 min Scan# 2067
Delta R.T. -0.03 min
Lab File: BG031784.D
Acq: 27 Dec 2017 5:53

Instrument :
BNA_G
ClientSampleId :
121917-JETT-F-D-M

Tgt Ion:164 Resp: 139749

Ion	Ratio	Lower	Upper
164	100		
162	105.5	78.8	118.2
160	47.4	35.4	53.0

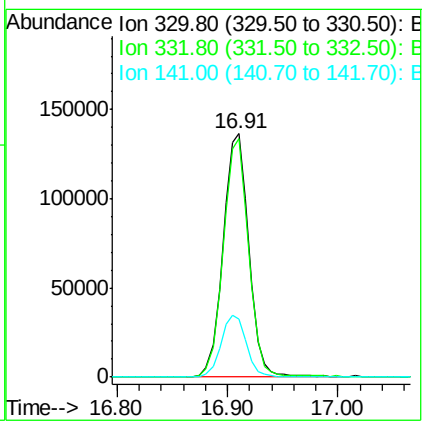


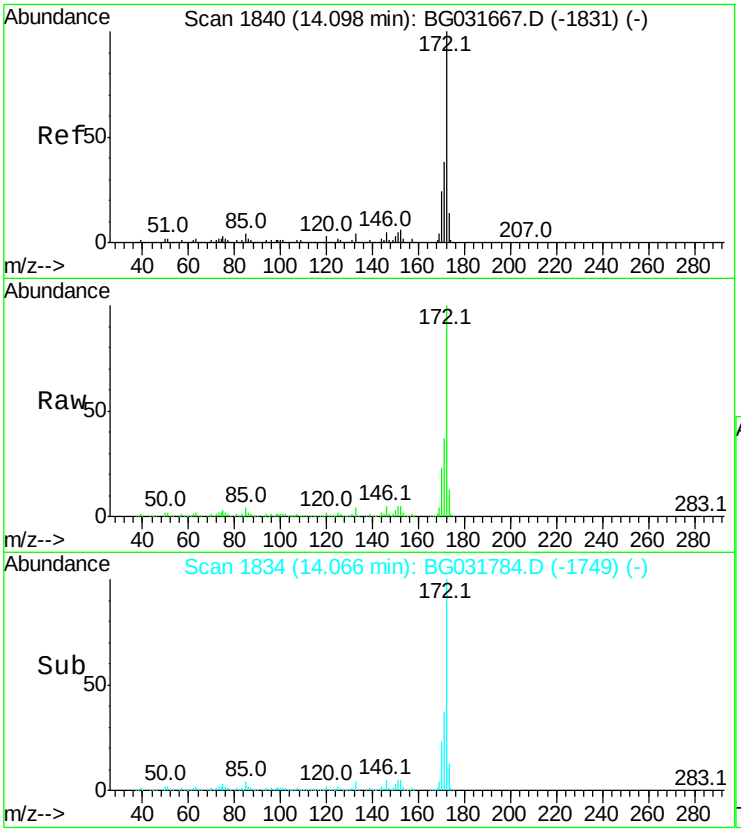


#41
2,4,6-Tribromophenol
Concen: 104.161 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.03 min
Lab File: BG031784.D
Acq: 27 Dec 2017 5:53

Tgt Ion:330 Resp: 222110

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	25.2	25.2	37.8#



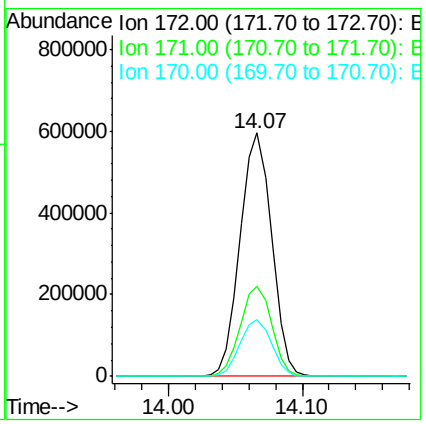


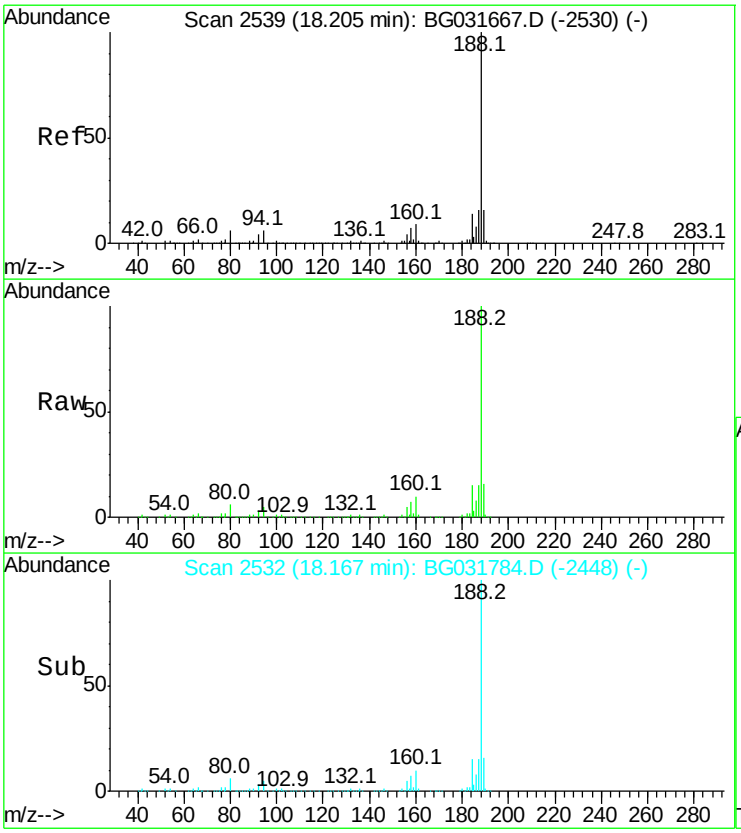
#44
2-Fluorobiphenyl
Concen: 87.484 ng
RT: 14.07 min Scan# 1834
Delta R.T. -0.03 min
Lab File: BG031784.D
Acq: 27 Dec 2017 5:53

Instrument :
BNA_G
ClientSampleId :
121917-JETT-F-D-M

Tgt Ion:172 Resp: 974065

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	23.3	19.5	29.3

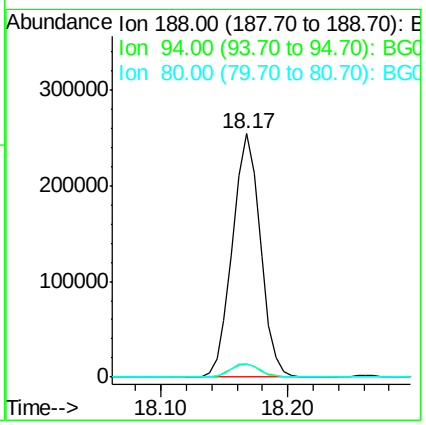


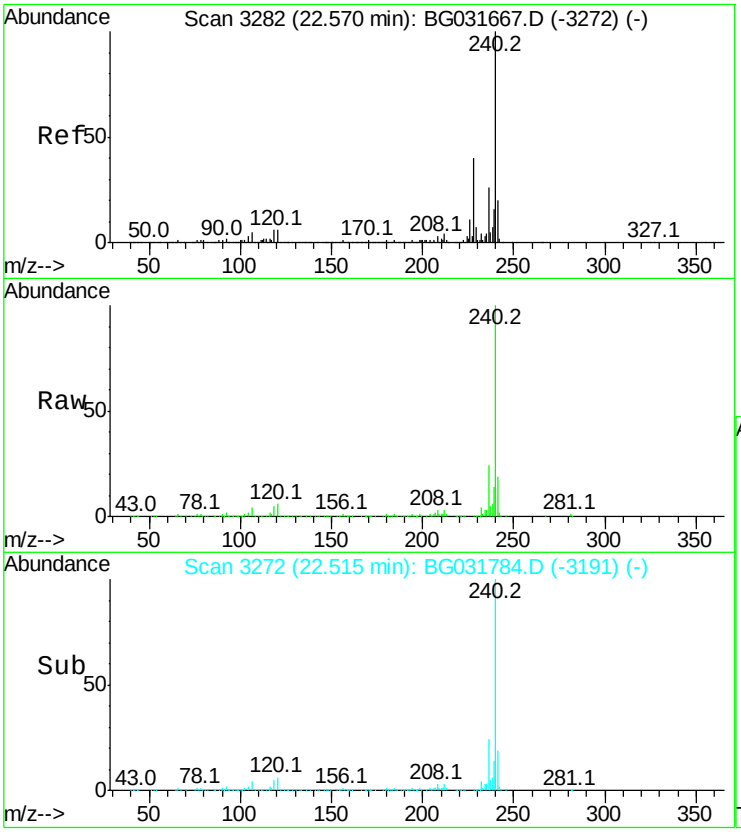


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.17 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031784.D
Acq: 27 Dec 2017 5:53

Tgt Ion:188 Resp: 387605

Ion	Ratio	Lower	Upper
188	100		
94	5.3	6.9	10.3#
80	5.7	7.7	11.5#



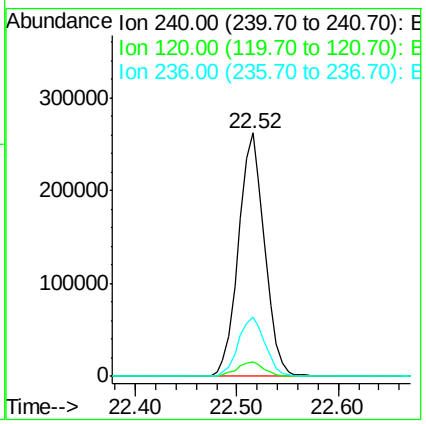


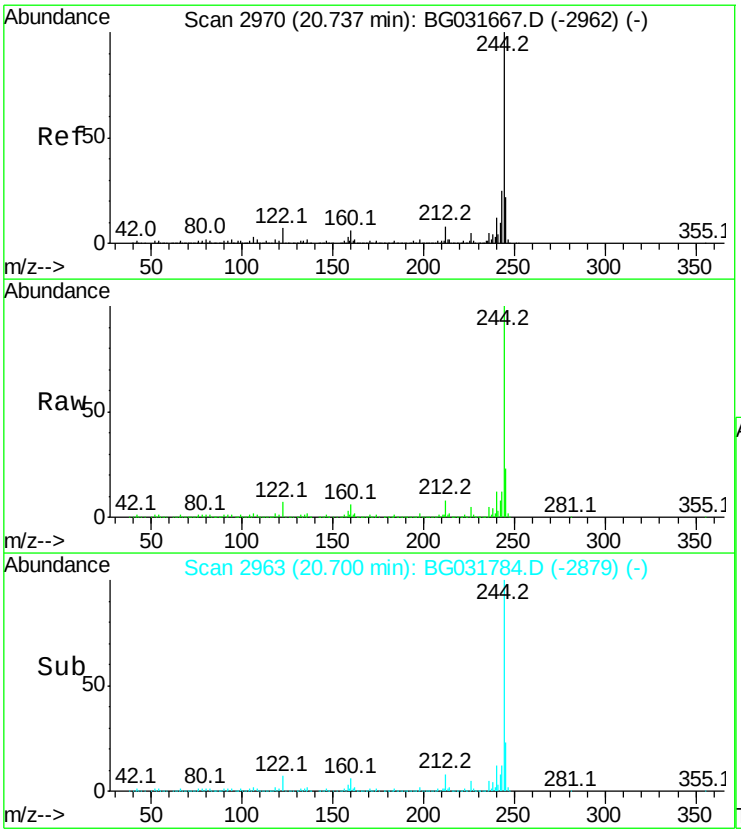
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.52 min Scan# 3272
Delta R.T. -0.05 min
Lab File: BG031784.D
Acq: 27 Dec 2017 5:53

Instrument :
BNA_G
ClientSampleId :
121917-JETT-F-D-M

Tgt Ion:240 Resp: 467303

Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.8	10.2#
236	24.2	20.9	31.3

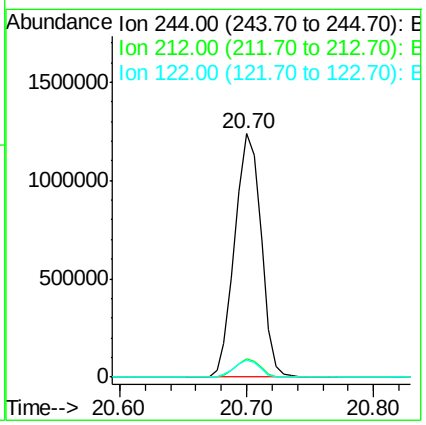


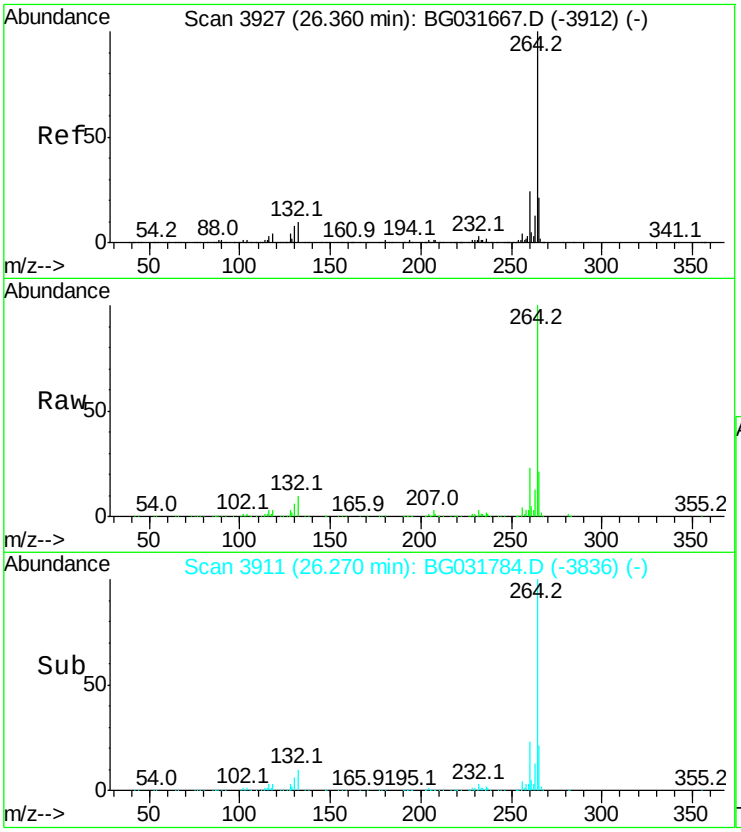


#78
Terphenyl-d14
Concen: 86.979 ng
RT: 20.70 min Scan# 2963
Delta R.T. -0.04 min
Lab File: BG031784.D
Acq: 27 Dec 2017 5:53

Tgt Ion:244 Resp: 1779077

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	7.2	7.0	10.4

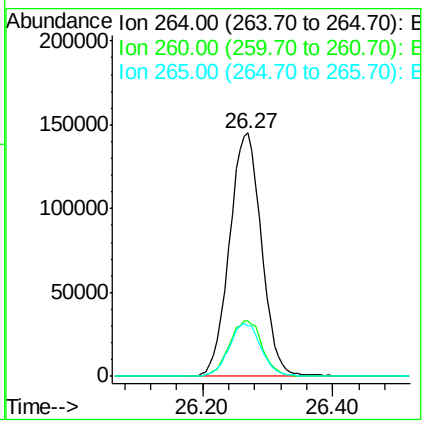




#86
Perylene-d12
Concen: 20.000 ng
RT: 26.27 min Scan# 3911
Delta R.T. -0.09 min
Lab File: BG031784.D
Acq: 27 Dec 2017 5:53

Tgt Ion:264 Resp: 493820

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	20.6	17.7	26.5



Instrument :
BNA_G
ClientSampleId :
121917-JETT-F-D-M