Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
Data File : BG032080.D
Acq On : 16 Jan 2018 21:45
Operator : SJ/JU
Sample : PB105700BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105700BL

Quant Time: Jan 17 02:09:07 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.76	152	52011	20.00	ng	-0.01
21) Naphthalene-d8	11.65	136	196740	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	130678	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	341692	20.00	ng	-0.01
75) Chrysene-d12	22.47	240	420313	20.00	ng	-0.02
86) Perylene-d12	26.18	264	431600	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	386552	135.93	ng	0.00
7) Phenol-d6	7.88	99	469789	131.17	ng	0.00
23) Nitrobenzene-d5	9.96	82	273691	94.12	ng	-0.01
41) 2,4,6-Tribromophenol	16.87	330	296894	137.30	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	947557	89.91	ng	0.00
78) Terphenyl-d14	20.66	244	1767011	92.83	ng	-0.01
Target Compounds						Qvalue

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

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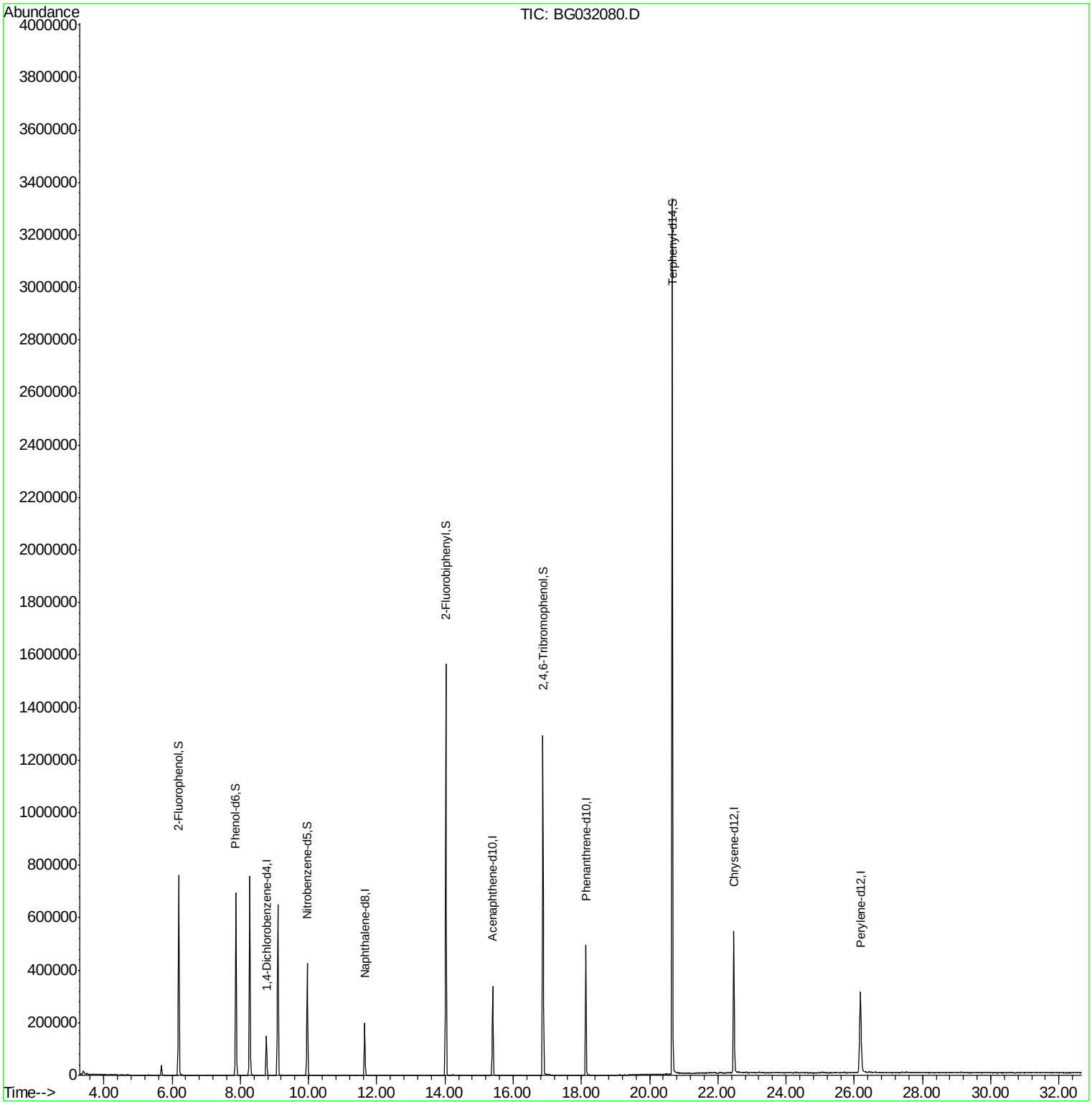
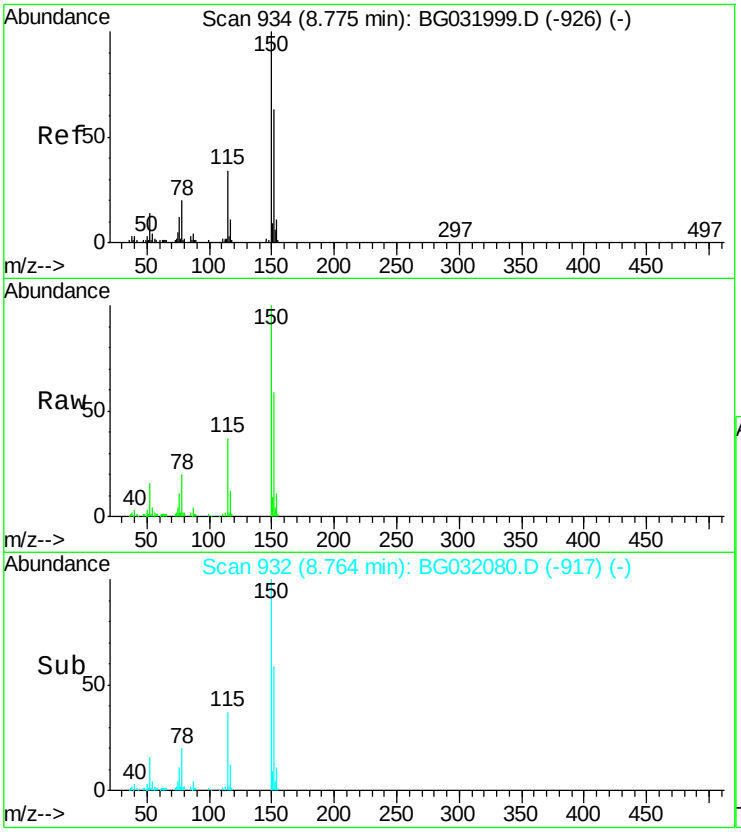


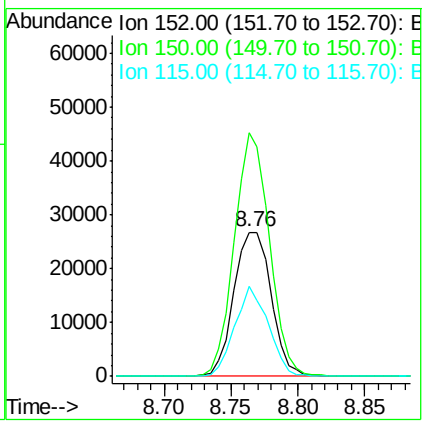


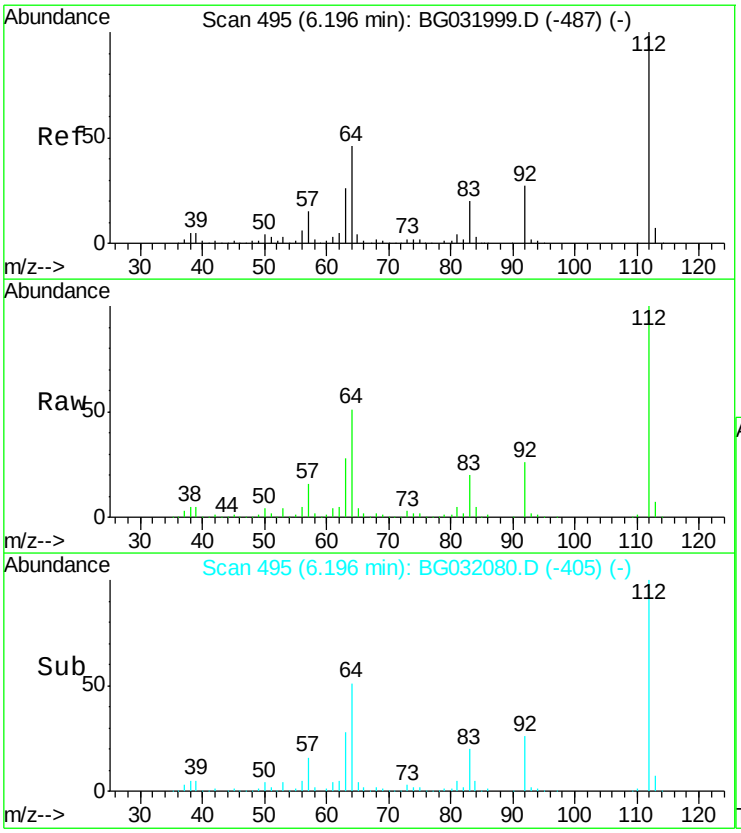
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.76 min Scan# 932
Delta R.T. -0.01 min
Lab File: BG032080.D
Acq: 16 Jan 2018 21:45

Instrument :
BNA_G
ClientSampleId :
PB105700BL

Tgt Ion:152 Resp: 52011

Ion	Ratio	Lower	Upper
152	100		
150	168.8	126.6	189.8
115	62.0	53.0	79.4

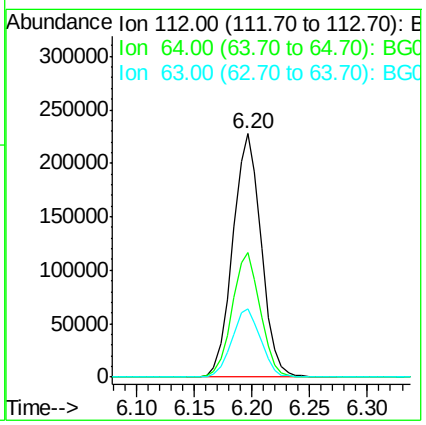


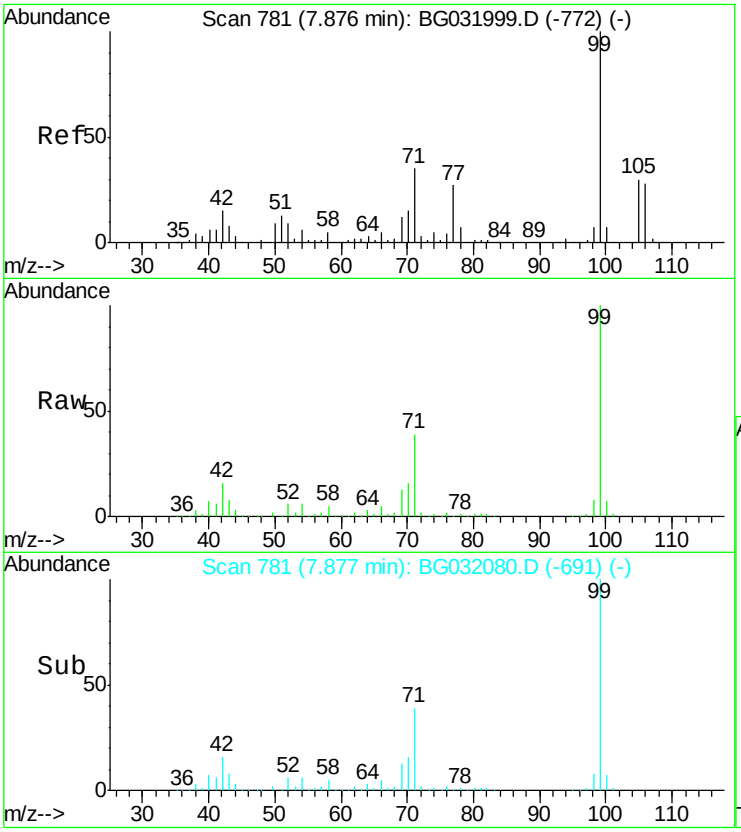


#5
2-Fluorophenol
Concen: 135.929 ng
RT: 6.20 min Scan# 495
Delta R.T. 0.00 min
Lab File: BG032080.D
Acq: 16 Jan 2018 21:45

Tgt Ion:112 Resp: 386552

Ion	Ratio	Lower	Upper
112	100		
64	51.0	56.3	84.5#
63	28.2	30.1	45.1#



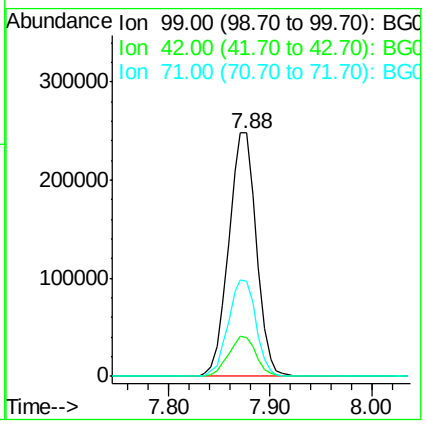


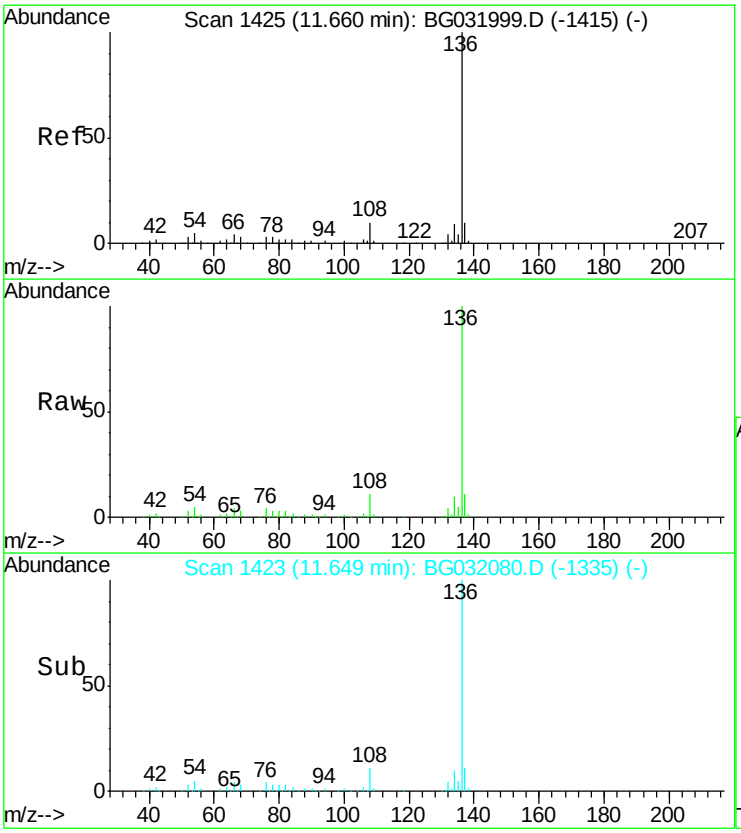
#7
Phenol-d6
Concen: 131.168 ng
RT: 7.88 min Scan# 781
Delta R.T. 0.00 min
Lab File: BG032080.D
Acq: 16 Jan 2018 21:45

Instrument :
BNA_G
ClientSampleId :
PB105700BL

Tgt Ion: 99 Resp: 469789

Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.1	21.1
71	39.1	26.1	39.1#

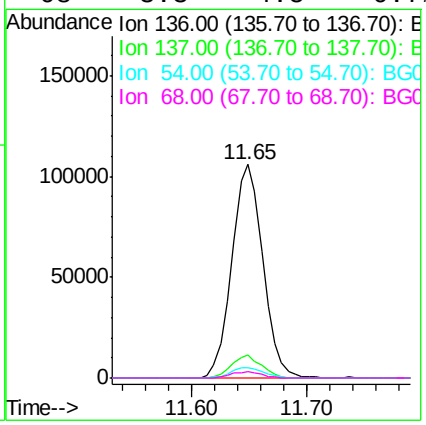


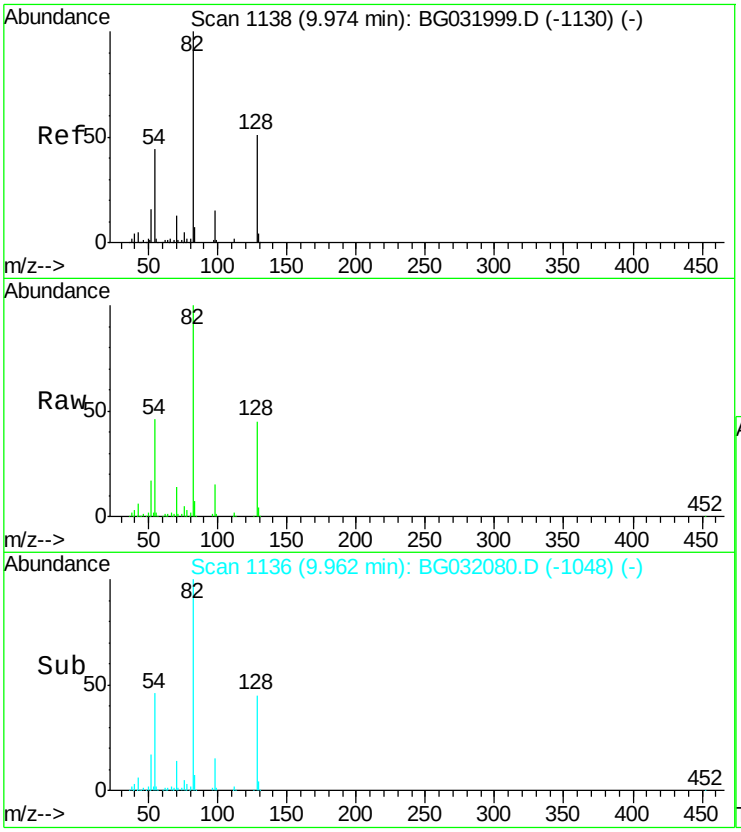


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032080.D
Acq: 16 Jan 2018 21:45

Tgt Ion:136 Resp: 196740

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	4.8	10.3	15.5#
68	3.3	4.5	6.7#



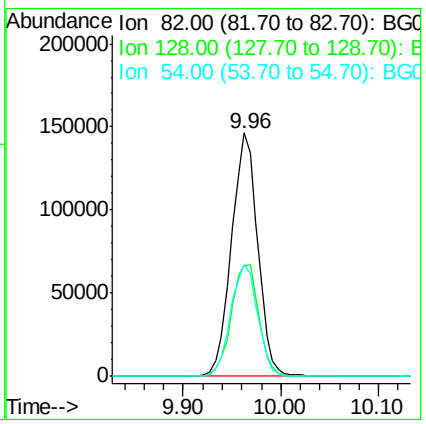


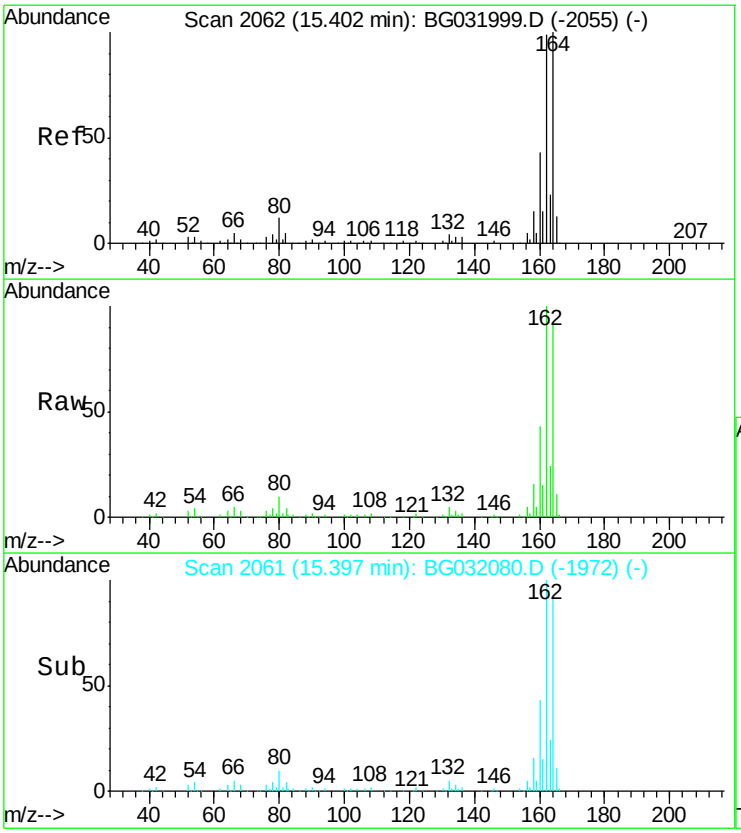
#23
Nitrobenzene-d5
Concen: 94.116 ng
RT: 9.96 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG032080.D
Acq: 16 Jan 2018 21:45

Instrument :
BNA_G
ClientSampleId :
PB105700BL

Tgt Ion: 82 Resp: 273691

Ion	Ratio	Lower	Upper
82	100		
128	45.2	29.7	44.5#
54	45.8	43.1	64.7

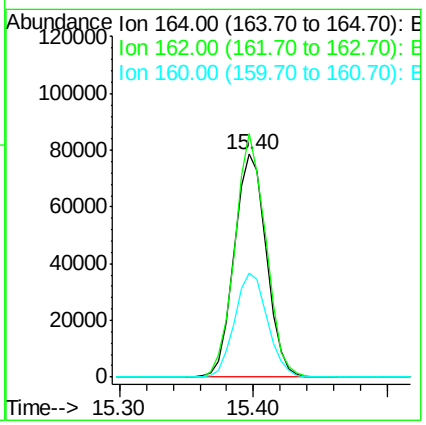


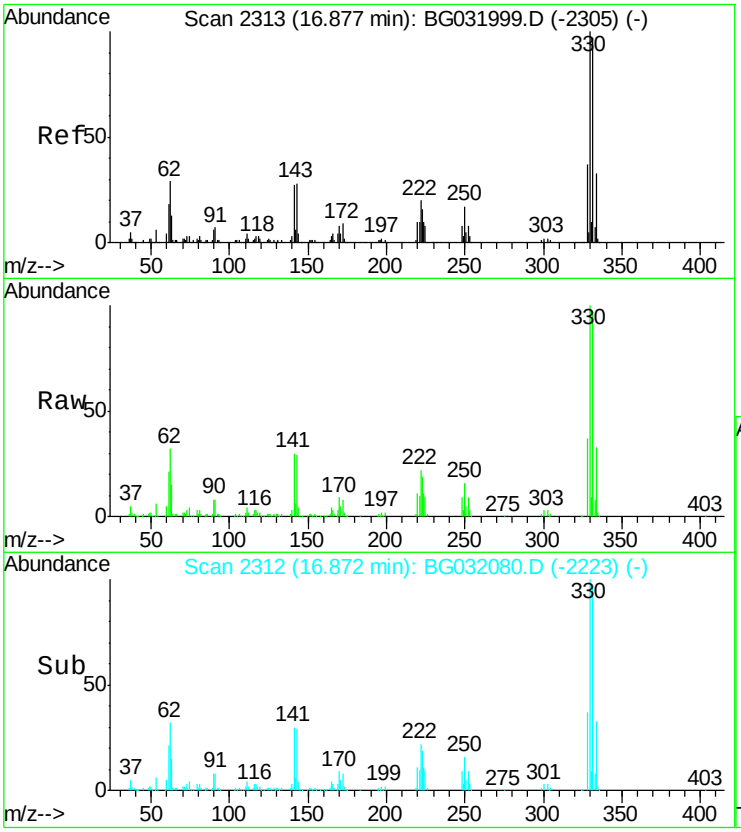


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG032080.D
Acq: 16 Jan 2018 21:45

Tgt Ion:164 Resp: 130678

Ion	Ratio	Lower	Upper
164	100		
162	109.3	78.8	118.2
160	46.8	35.4	53.0



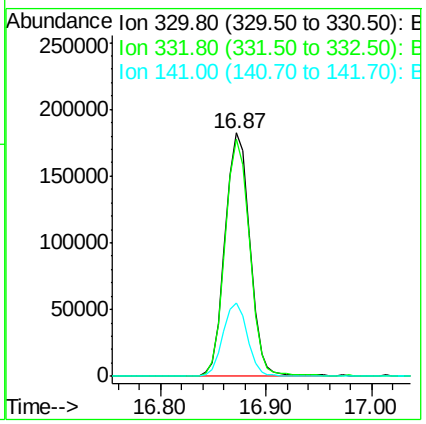


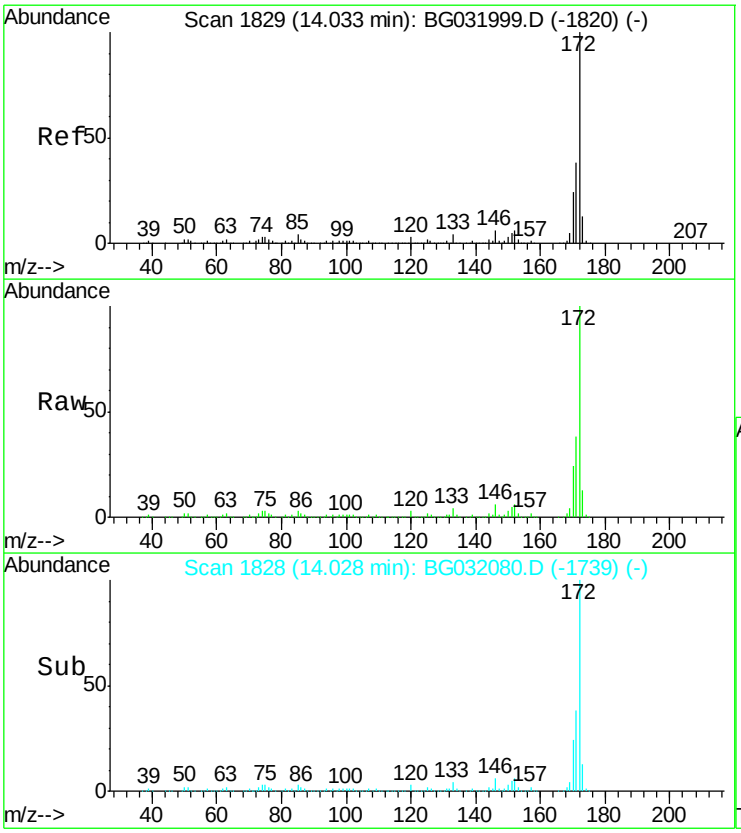
#41
2,4,6-Tribromophenol
Concen: 137.297 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BG032080.D
Acq: 16 Jan 2018 21:45

Instrument :
BNA_G
ClientSampleId :
PB105700BL

Tgt Ion:330 Resp: 296894

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	29.9	25.2	37.8

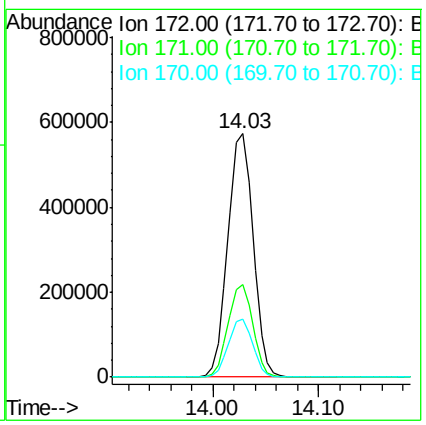


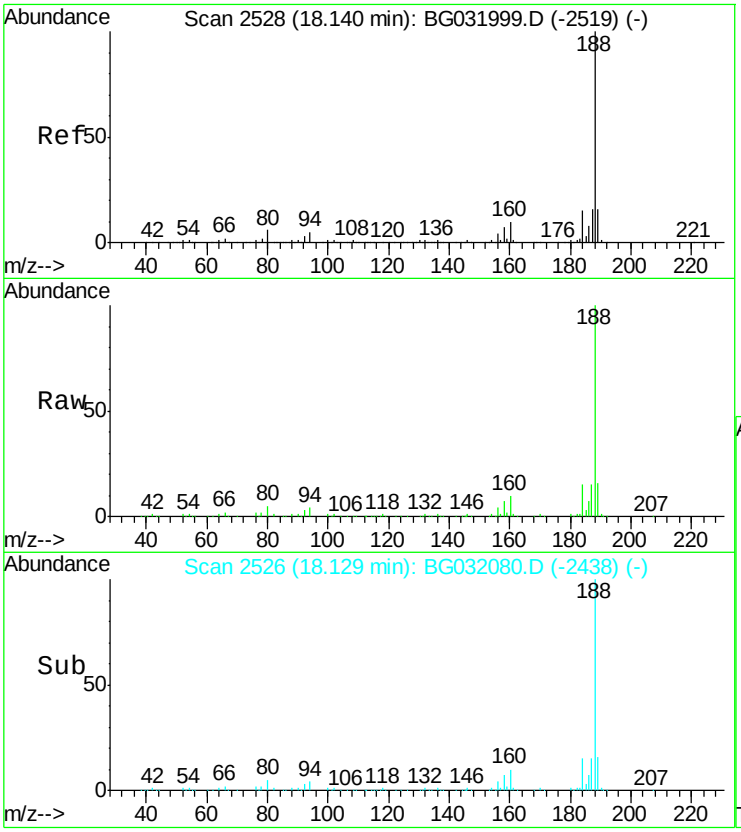


#44
2-Fluorobiphenyl
Concen: 89.910 ng
RT: 14.03 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BG032080.D
Acq: 16 Jan 2018 21:45

Tgt Ion:172 Resp: 947557

Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	23.9	19.5	29.3



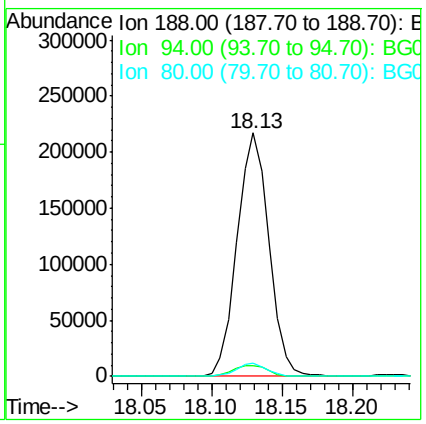


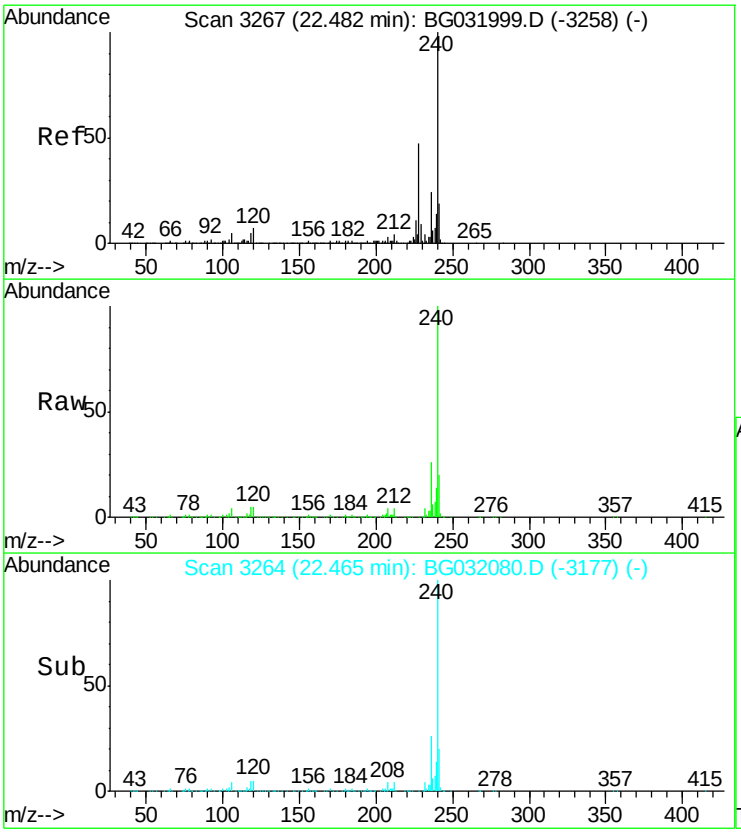
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.13 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BG032080.D
Acq: 16 Jan 2018 21:45

Instrument :
BNA_G
ClientSampleId :
PB105700BL

Tgt Ion:188 Resp: 341692

Ion	Ratio	Lower	Upper
188	100		
94	4.3	6.9	10.3#
80	5.3	7.7	11.5#

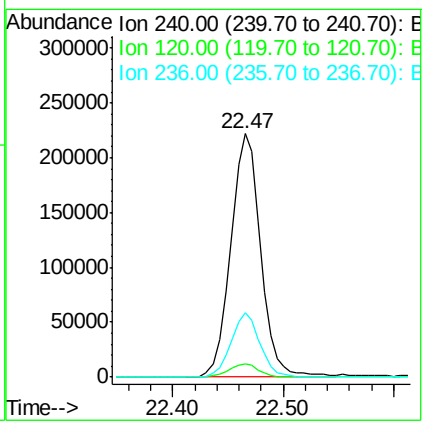


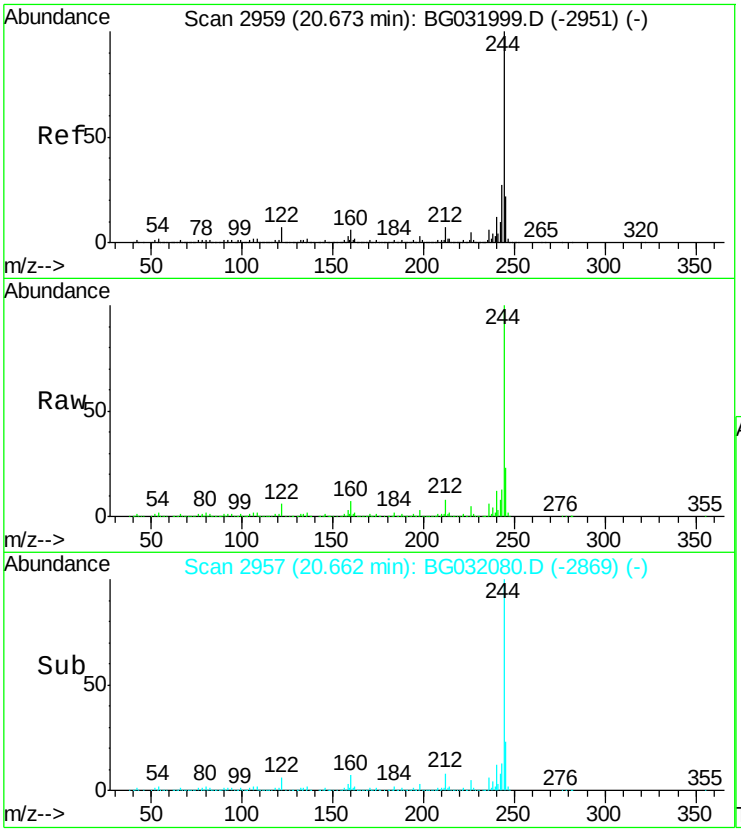


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.47 min Scan# 3264
Delta R.T. -0.02 min
Lab File: BG032080.D
Acq: 16 Jan 2018 21:45

Tgt Ion:240 Resp: 420313

Ion	Ratio	Lower	Upper
240	100		
120	5.5	6.8	10.2#
236	26.2	20.9	31.3



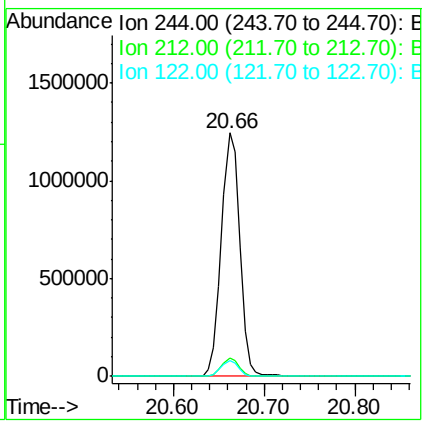


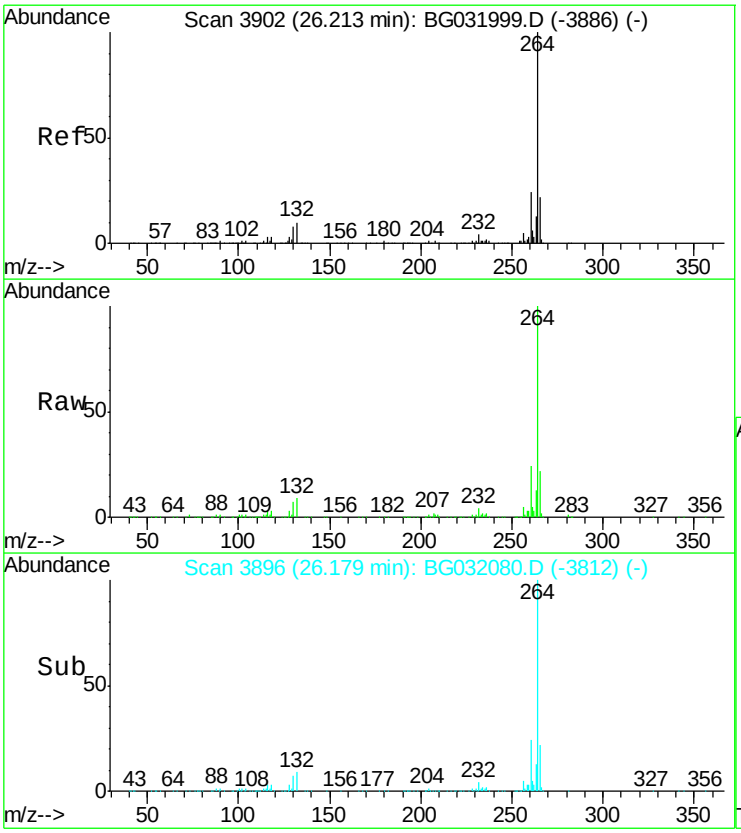
#78
Terphenyl-d14
Concen: 92.827 ng
RT: 20.66 min Scan# 2957
Delta R.T. -0.01 min
Lab File: BG032080.D
Acq: 16 Jan 2018 21:45

Instrument :
BNA_G
ClientSampleId :
PB105700BL

Tgt Ion:244 Resp: 1767011

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	6.4	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.18 min Scan# 3896
Delta R.T. -0.03 min
Lab File: BG032080.D
Acq: 16 Jan 2018 21:45

Tgt Ion:264 Resp: 431600

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	22.0	17.7	26.5