Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091415\
Data File : BG018676.D
Acq On : 15 Sep 2015 00:03
Operator : UM/IZ
Sample : G3648-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SWD-1(SET)

Quant Time: Sep 15 02:37:58 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 01:23:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	64319	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	291521	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	202895	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	510960	20.00	ng	0.00
75) Chrysene-d12	21.63	240	504833	20.00	ng	0.00
86) Perylene-d12	24.81	264	500959	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	144215	38.73	ng	0.00
7) Phenol-d6	7.16	99	128472	24.06	ng	0.00
23) Nitrobenzene-d5	9.16	82	443930	85.21	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	267470	97.90	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	1269636	86.87	ng	0.00
78) Terphenyl-d14	19.98	244	1525434	79.35	ng	0.00
Target Compounds						Qvalue

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

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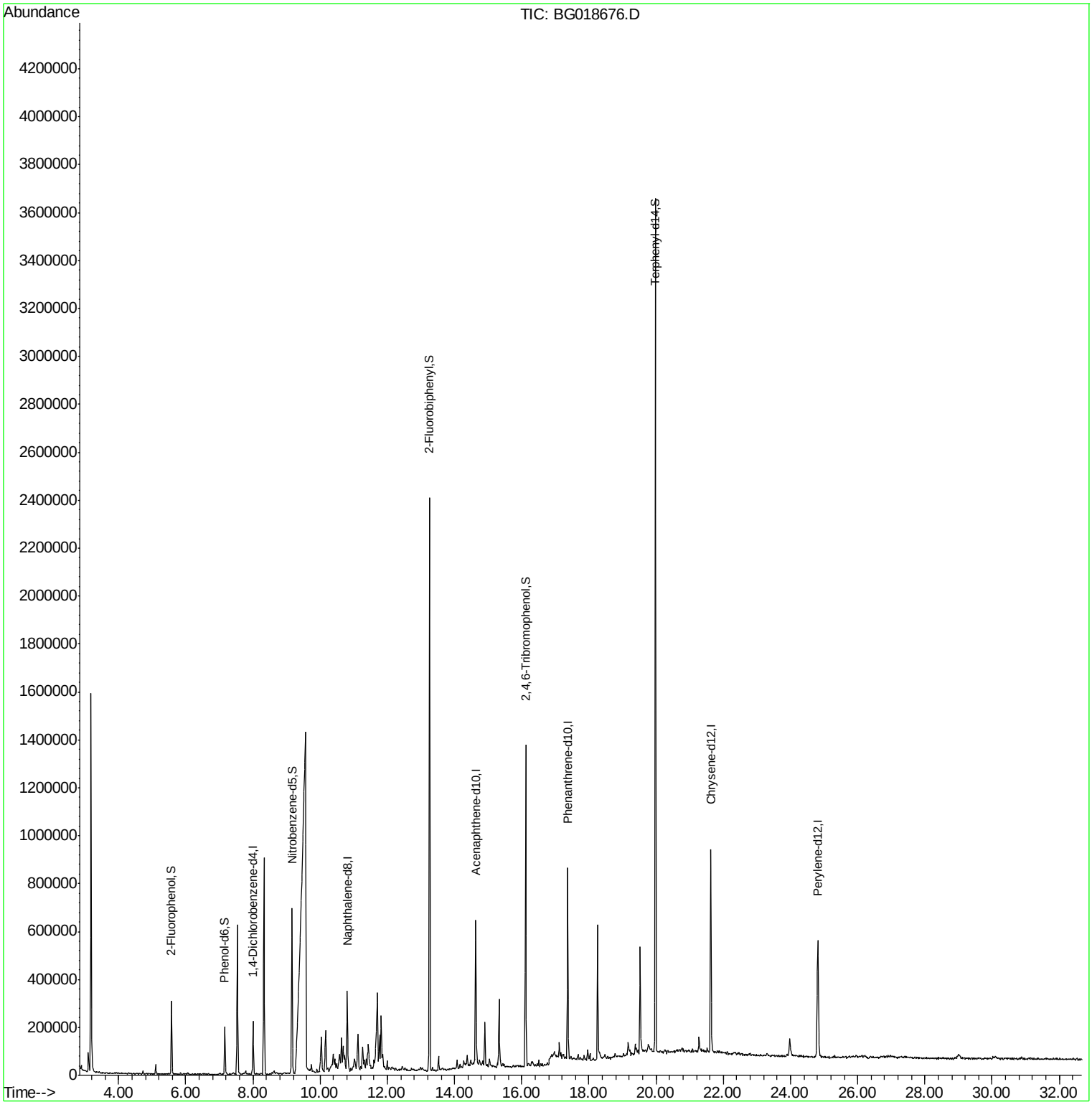
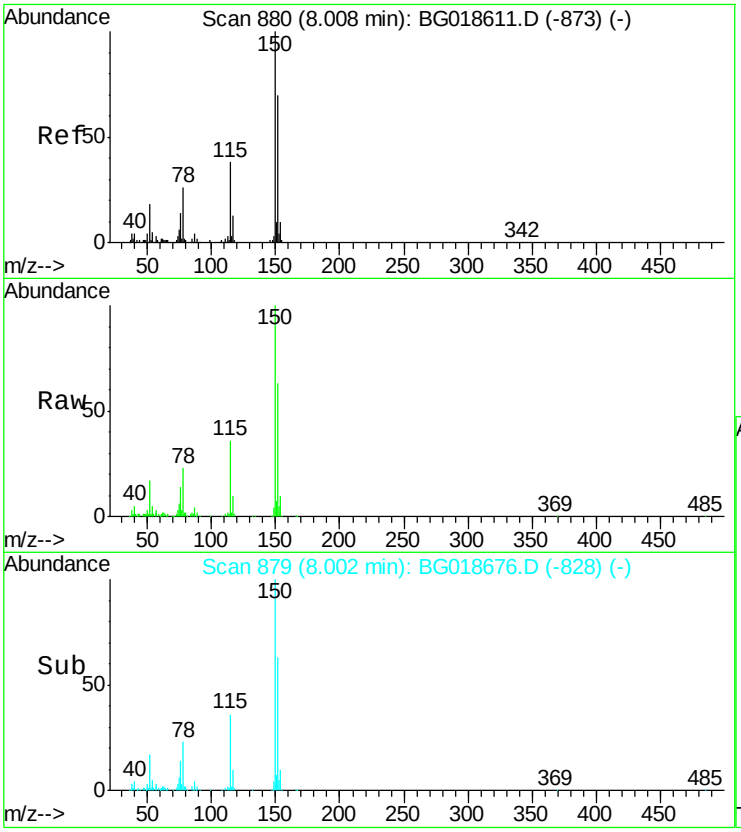


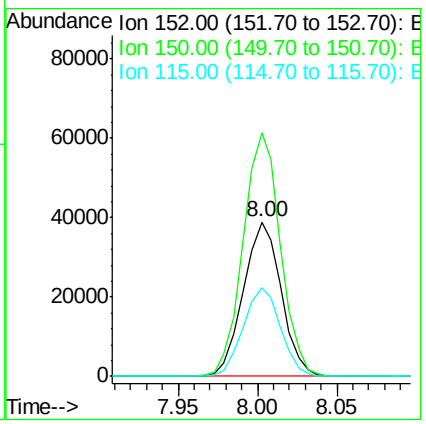


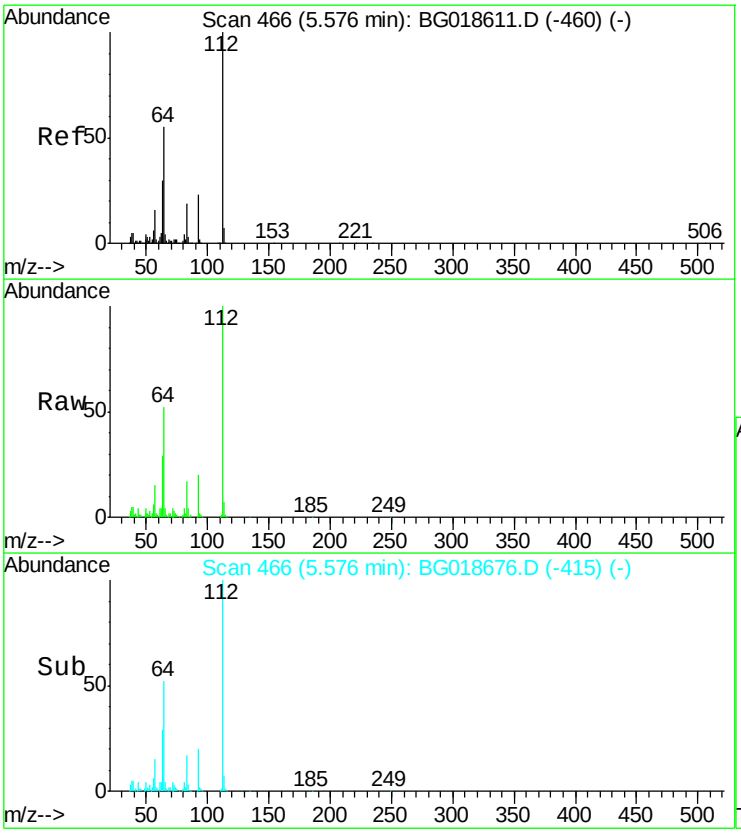
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.00 min Scan# 879
Delta R.T. 0.00 min
Lab File: BG018676.D
Acq: 15 Sep 2015 00:03

Instrument :
BNA_G
ClientSampleId :
SWD-1(SET)

Tgt Ion:152 Resp: 64319

Ion	Ratio	Lower	Upper
152	100		
150	158.1	115.0	172.4
115	57.2	43.9	65.9

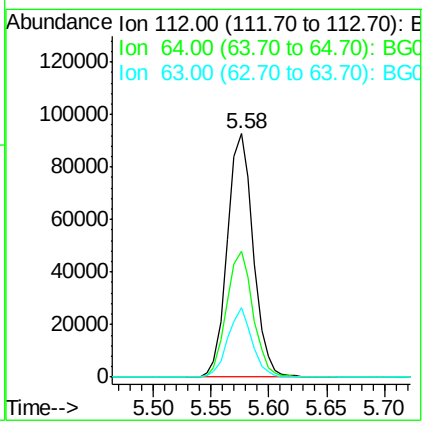


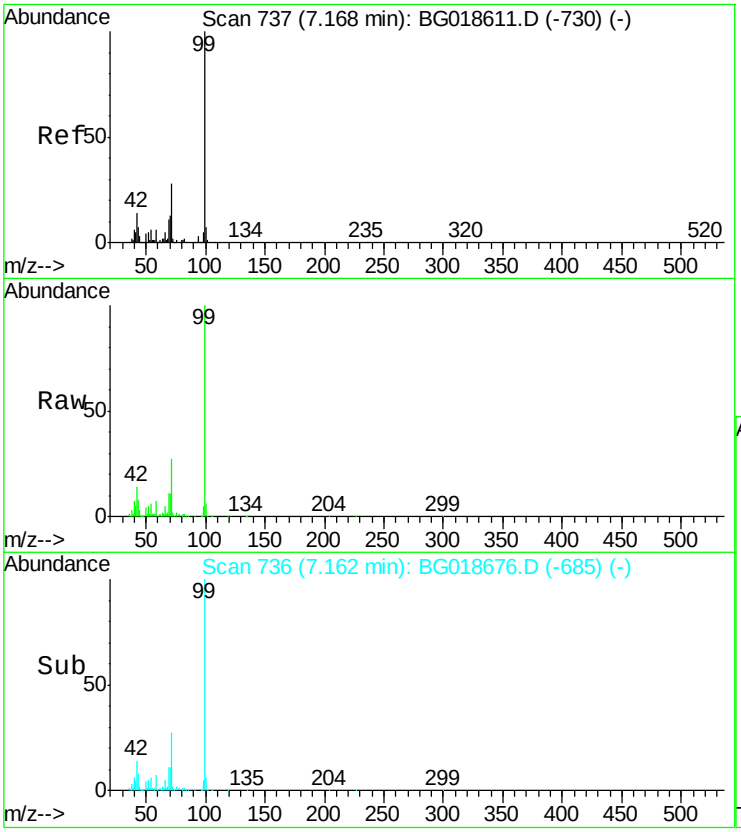


#5
2-Fluorophenol
Concen: 38.73 ng
RT: 5.58 min Scan# 466
Delta R.T. 0.00 min
Lab File: BG018676.D
Acq: 15 Sep 2015 00:03

Tgt Ion:112 Resp: 144215

Ion	Ratio	Lower	Upper
112	100		
64	51.5	43.7	65.5
63	28.8	24.0	36.0



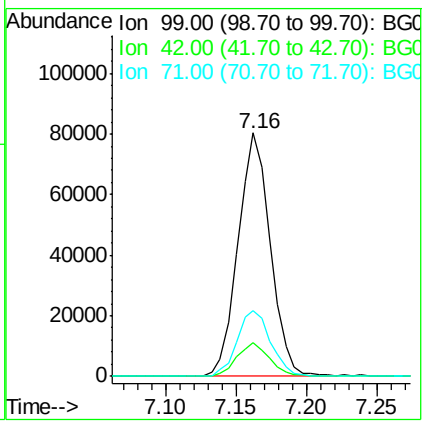


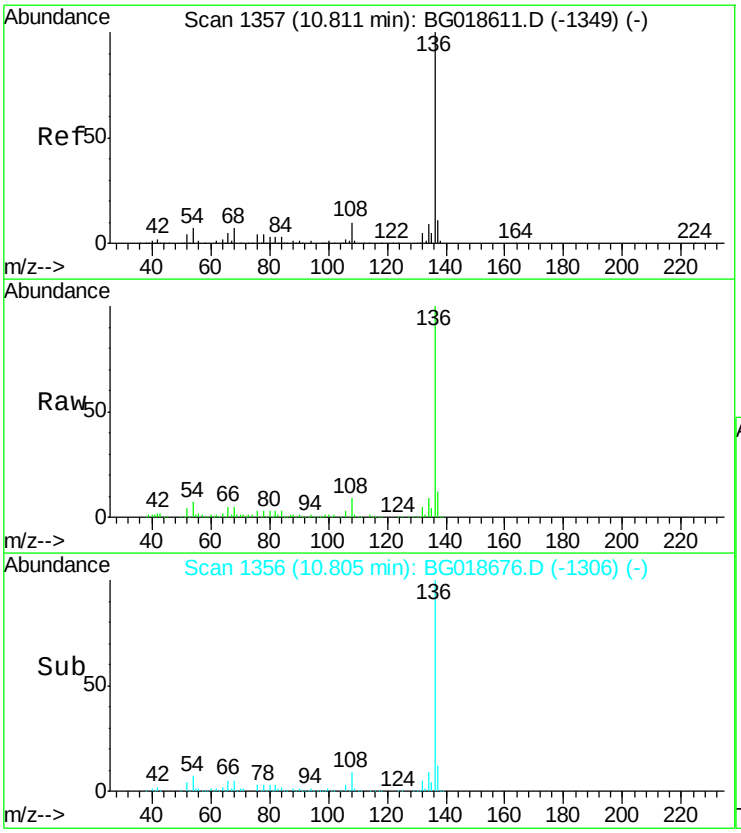
#7
Phenol-d6
Concen: 24.06 ng
RT: 7.16 min Scan# 736
Delta R.T. 0.00 min
Lab File: BG018676.D
Acq: 15 Sep 2015 00:03

Instrument :
BNA_G
ClientSampleId :
SWD-1(SET)

Tgt Ion: 99 Resp: 128472

Ion	Ratio	Lower	Upper
99	100		
42	13.6	11.5	17.3
71	27.1	22.6	34.0

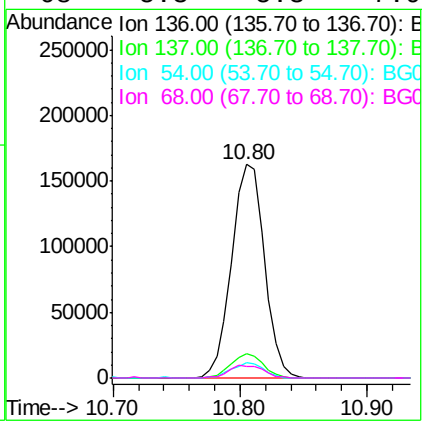


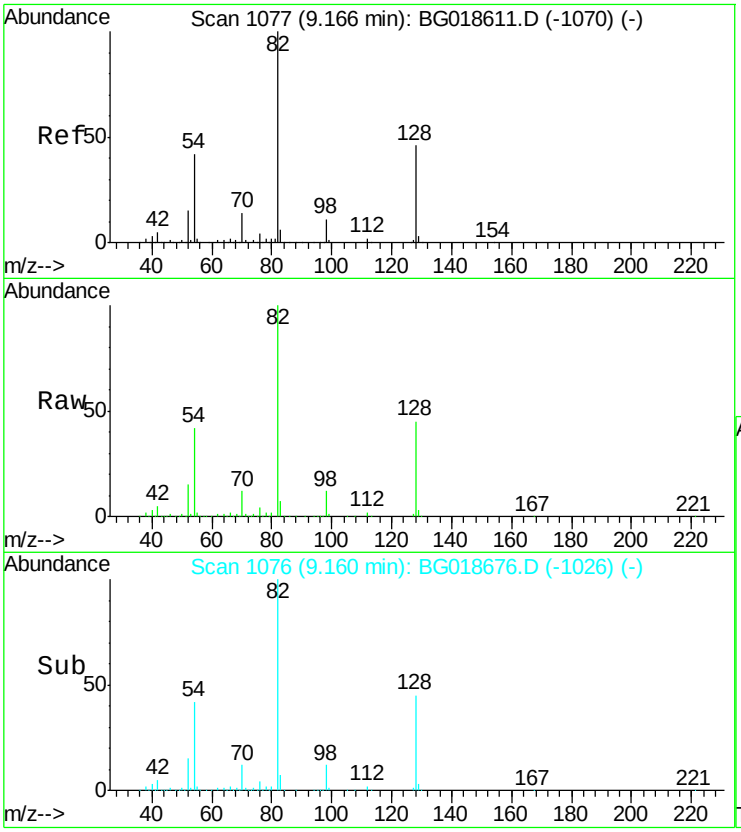


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.80 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG018676.D
Acq: 15 Sep 2015 00:03

Tgt Ion:136 Resp: 291521

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.6	12.8
54	7.1	5.4	8.2
68	5.3	5.3	7.9



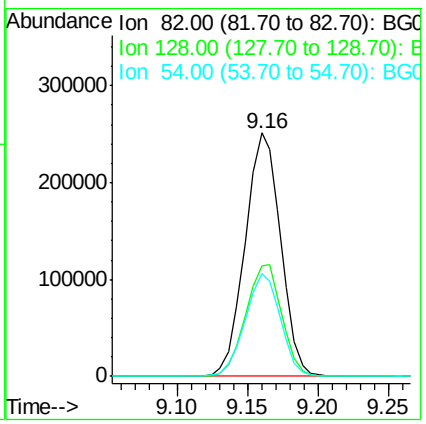


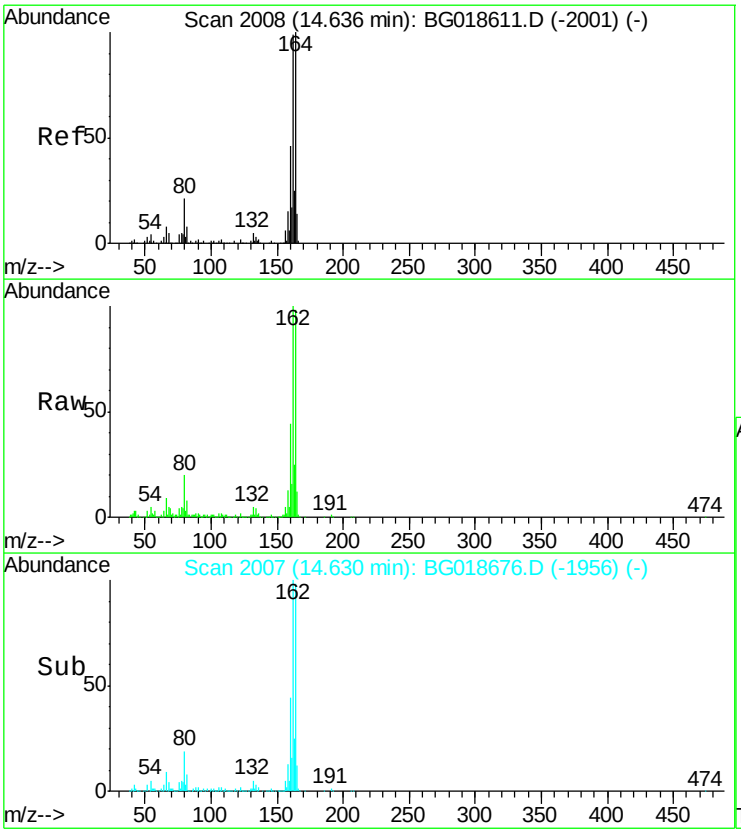
#23
Nitrobenzene-d5
Concen: 85.21 ng
RT: 9.16 min Scan# 1076
Delta R.T. -0.01 min
Lab File: BG018676.D
Acq: 15 Sep 2015 00:03

Instrument :
BNA_G
ClientSampleId :
SWD-1(SET)

Tgt Ion: 82 Resp: 443930

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.7	55.1
54	42.0	33.8	50.8

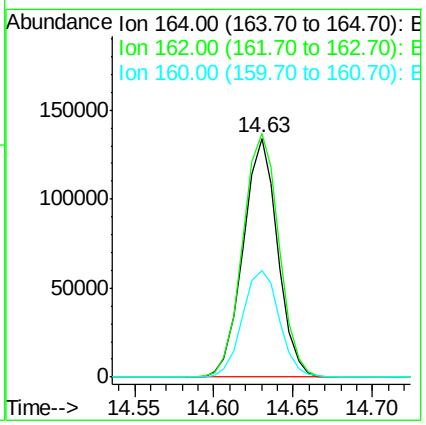


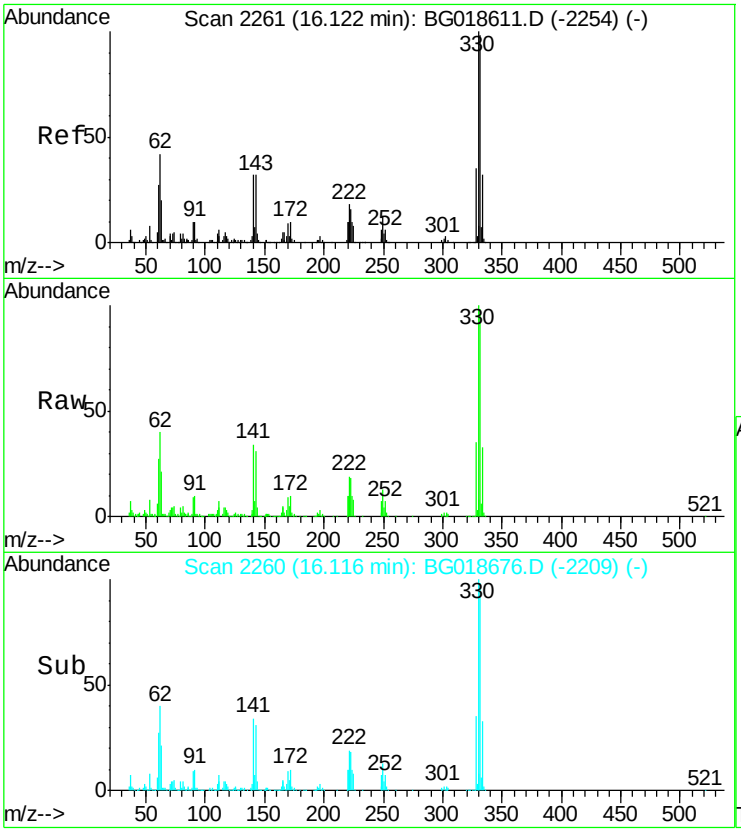


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BG018676.D
Acq: 15 Sep 2015 00:03

Tgt Ion:164 Resp: 202895

Ion	Ratio	Lower	Upper
164	100		
162	102.0	78.8	118.2
160	44.6	36.4	54.6



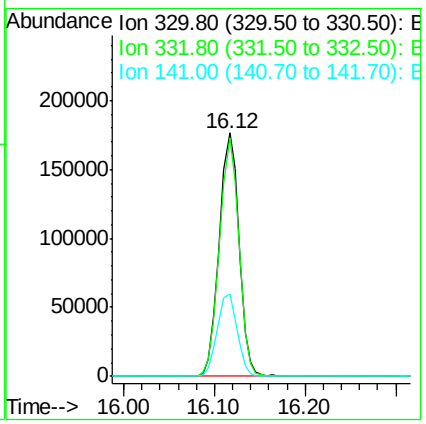


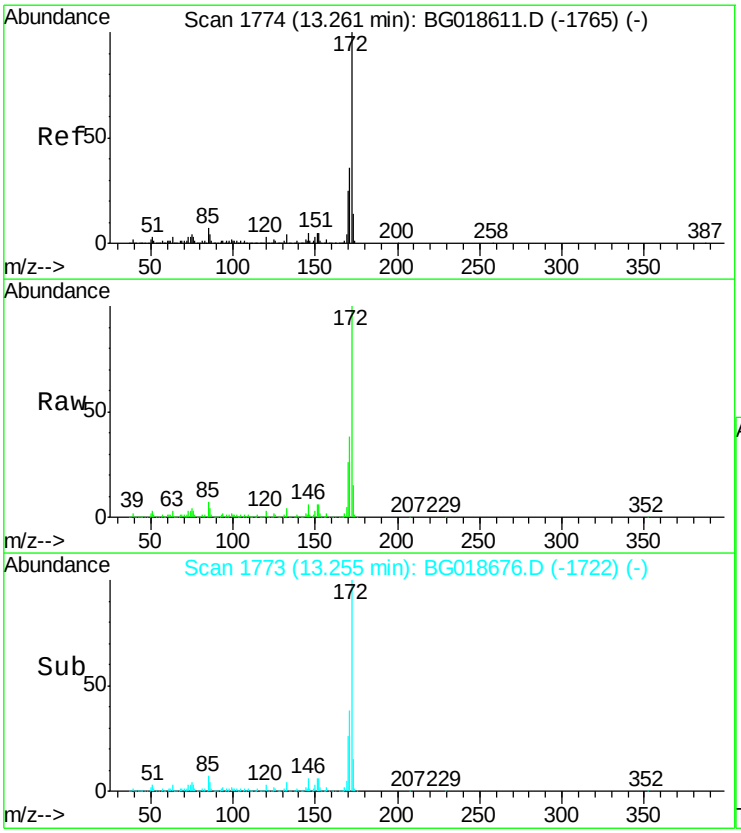
#41
2,4,6-Tribromophenol
Concen: 97.90 ng
RT: 16.12 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BG018676.D
Acq: 15 Sep 2015 00:03

Instrument :
BNA_G
ClientSampleId :
SWD-1(SET)

Tgt Ion:330 Resp: 267470

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.1	117.1
141	34.1	28.2	42.2

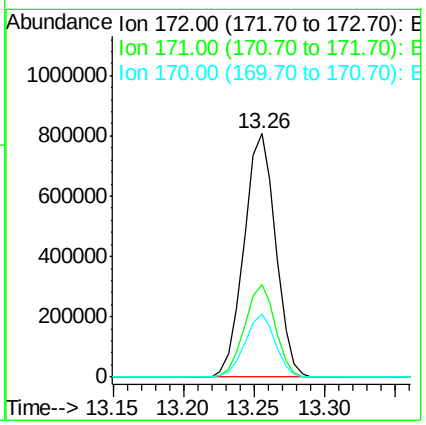


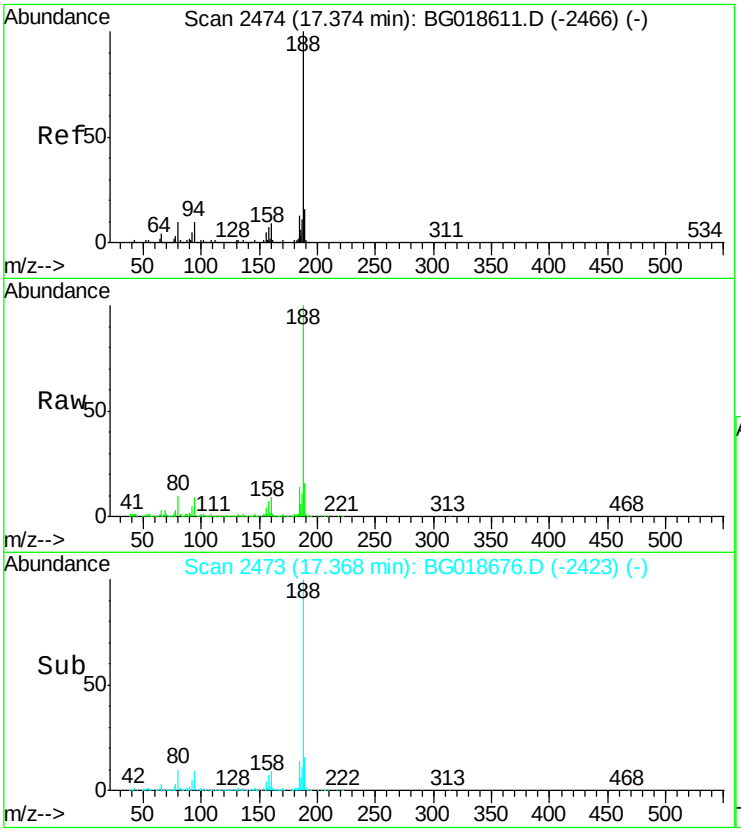


#44
2-Fluorobiphenyl
Concen: 86.87 ng
RT: 13.26 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BG018676.D
Acq: 15 Sep 2015 00:03

Tgt Ion:172 Resp: 1269636

Ion	Ratio	Lower	Upper
172	100		
171	38.3	29.0	43.6
170	25.8	19.9	29.9



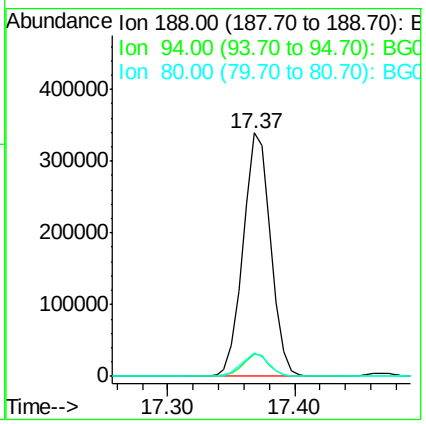


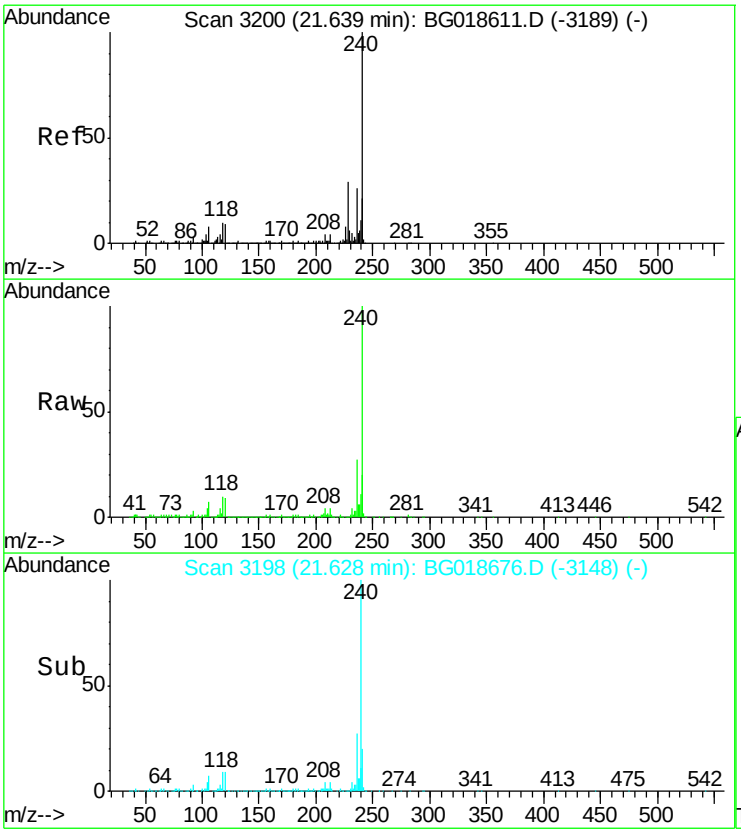
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2473
Delta R.T. -0.01 min
Lab File: BG018676.D
Acq: 15 Sep 2015 00:03

Instrument :
BNA_G
ClientSampleId :
SWD-1(SET)

Tgt Ion:188 Resp: 510960

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.7	11.5
80	9.6	7.8	11.8

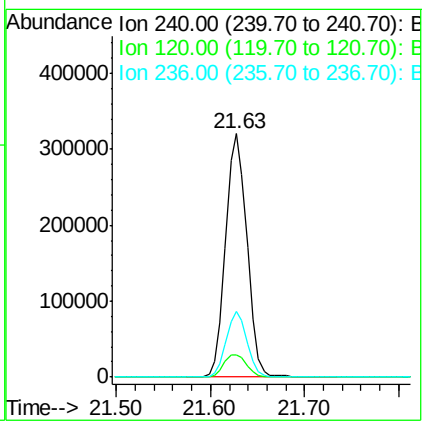


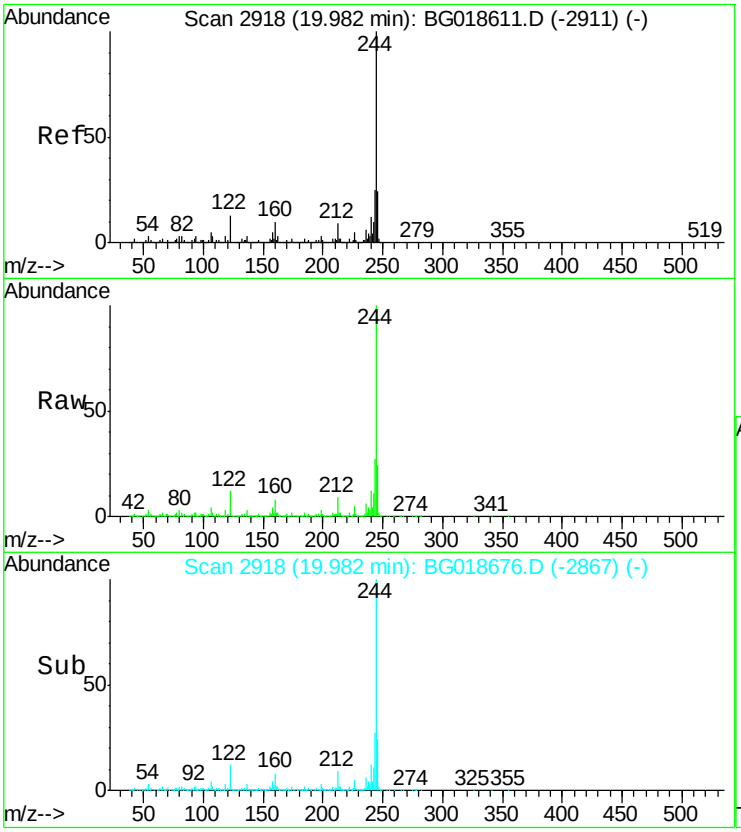


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3198
Delta R.T. -0.01 min
Lab File: BG018676.D
Acq: 15 Sep 2015 00:03

Tgt Ion:240 Resp: 504833

Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.4	11.0
236	27.1	20.7	31.1



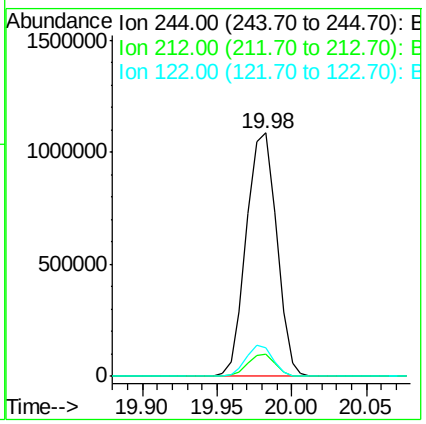


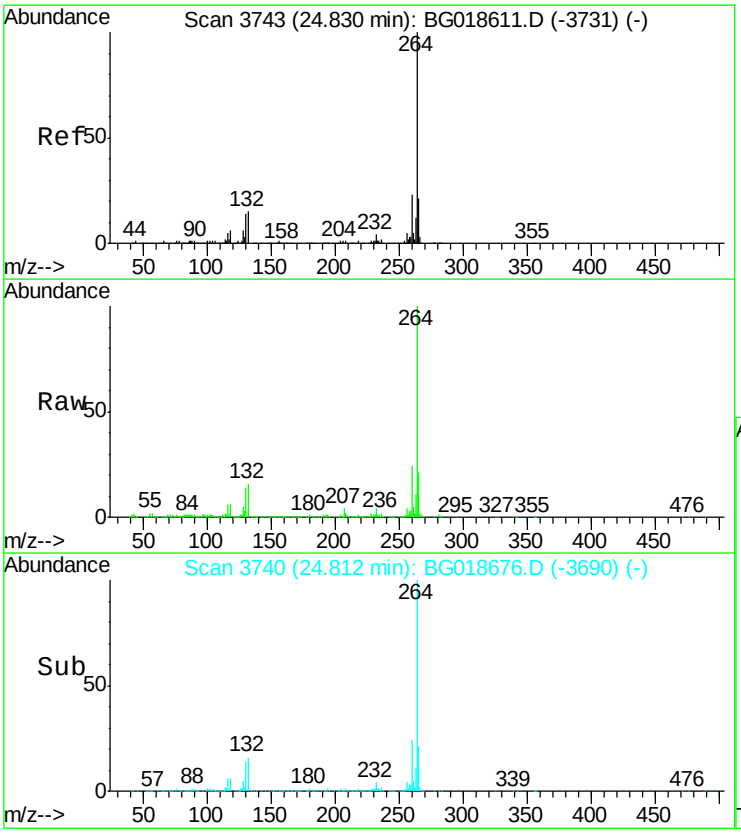
#78
Terphenyl-d14
Concen: 79.35 ng
RT: 19.98 min Scan# 2918
Delta R.T. 0.00 min
Lab File: BG018676.D
Acq: 15 Sep 2015 00:03

Instrument :
BNA_G
ClientSampleId :
SWD-1(SET)

Tgt Ion:244 Resp: 1525434

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.9	10.3
122	11.8	10.2	15.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.81 min Scan# 3740
Delta R.T. -0.01 min
Lab File: BG018676.D
Acq: 15 Sep 2015 00:03

Tgt Ion:264 Resp: 500959

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.5	27.7
265	20.9	17.2	25.8