Data Path : Z:\HPCHEM1\BNA G\DATA\BG061416\
Data File : BG022363.D
Acq On : 15 Jun 2016 10:42
Operator : UM/SJ
Sample : H3542-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
W-01

Quant Time: Jun 15 14:20:03 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	40357	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	198080	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	106472	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	188553	20.00	ng	0.00
75) Chrysene-d12	21.74	240	148773	20.00	ng	0.00
86) Perylene-d12	25.02	264	143447	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	182582	87.47	ng	0.02
7) Phenol-d6	7.30	99	177192	53.99	ng	0.05
23) Nitrobenzene-d5	9.25	82	274780	96.71	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	143073	118.92	ng	0.01
44) 2-Fluorobiphenyl	13.34	172	607217	86.91	ng	0.00
78) Terphenyl-d14	20.07	244	489015	78.04	ng	0.01

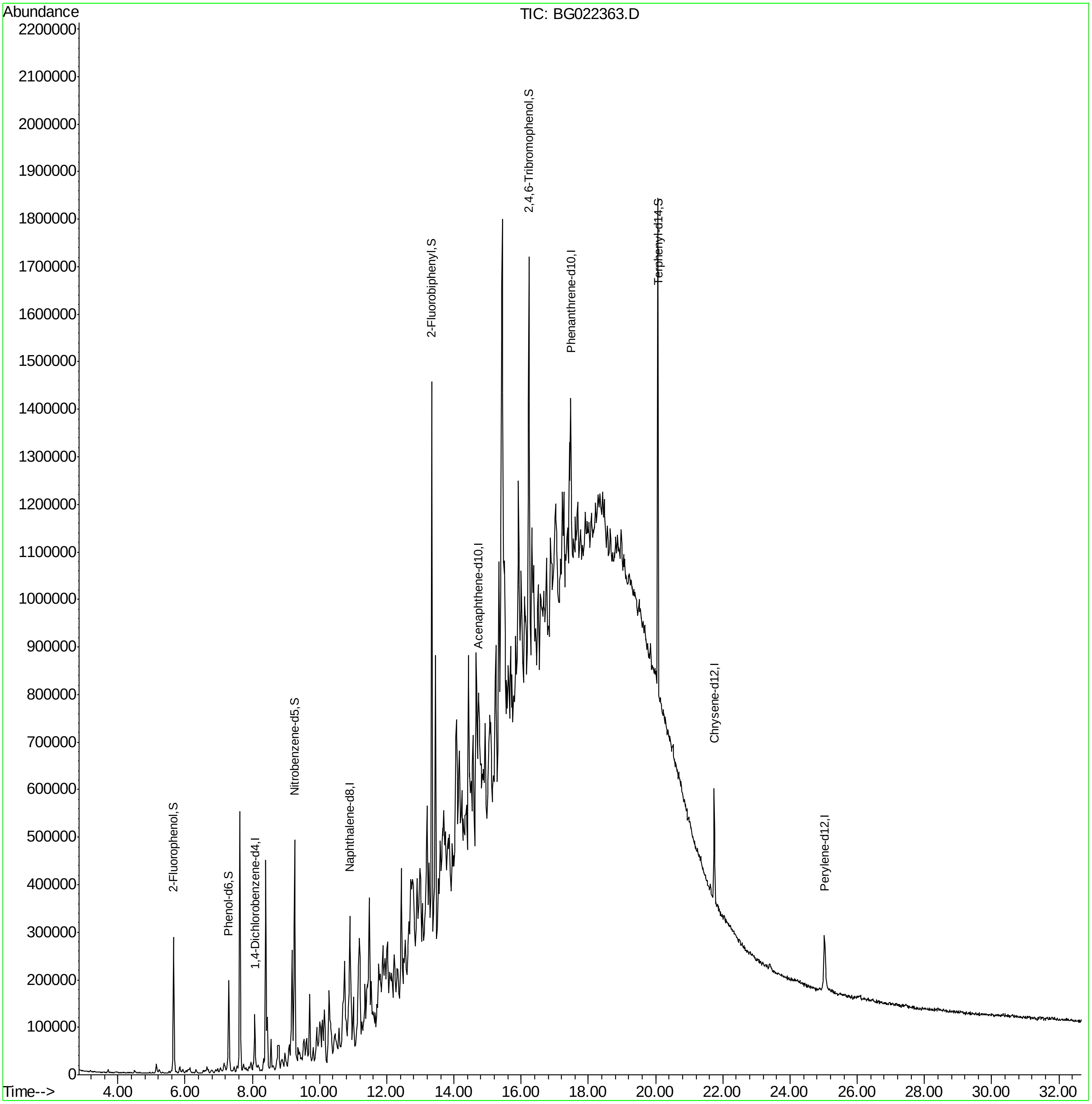
Target Compounds	Qvalue

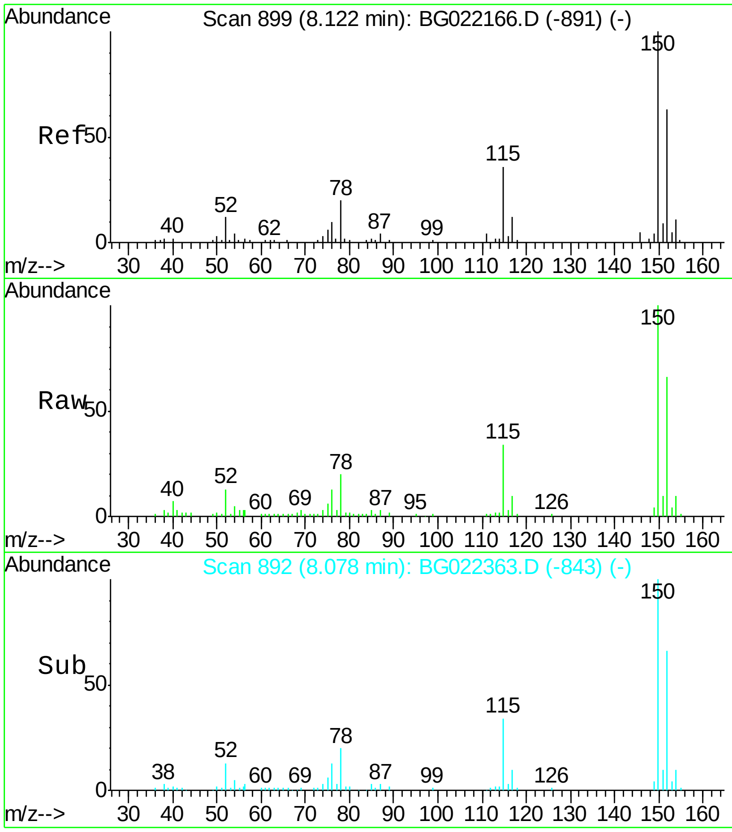
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\HPCHEM1\BNA G\DATA\BG061416\
Data File : BG022363.D
Acq On    : 15 Jun 2016  10:42
Operator  : UM/SJ
Sample    : H3542-12
Misc      :
ALS Vial  : 29   Sample Multiplier: 1

Quant Time: Jun 15 14:20:03 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration
```

Instrument :
BNA_G
ClientSampleId :
W-01



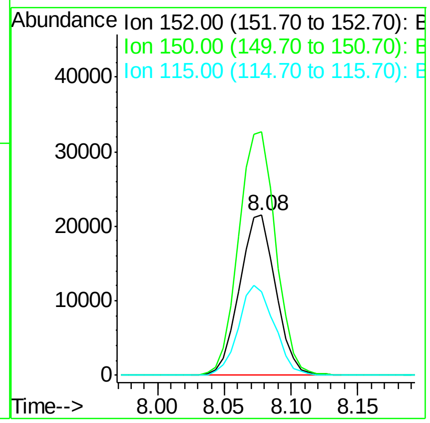


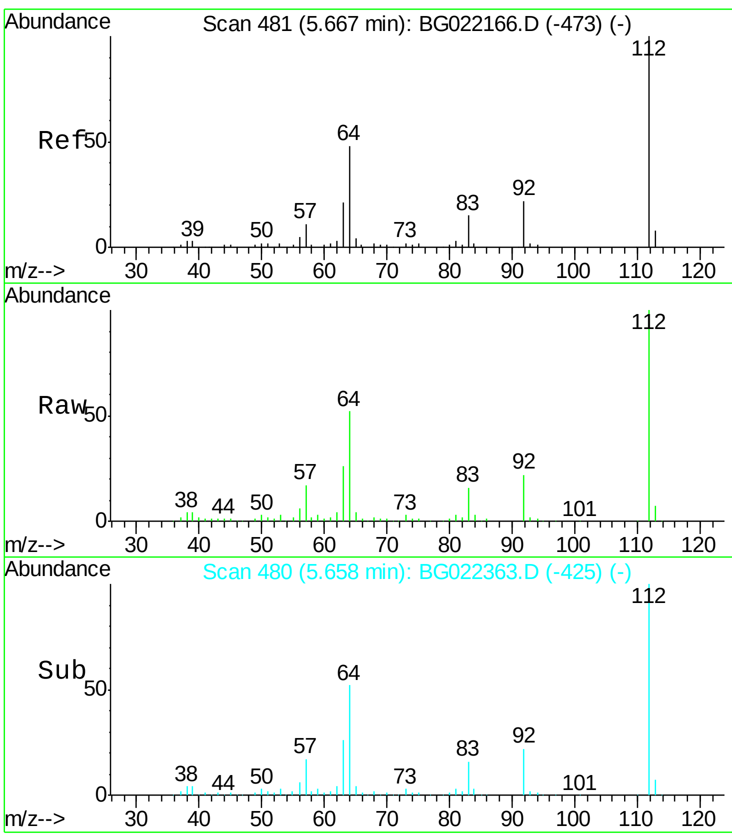
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 892
Delta R.T. -0.01 min
Lab File: BG022363.D
Acq: 15 Jun 2016 10:42

Instrument :
BNA_G
ClientSampleId :
W-01

Tgt Ion:152 Resp: 40357

Ion	Ratio	Lower	Upper
152	100		
150	152.0	130.1	195.1
115	51.9	62.2	93.2#

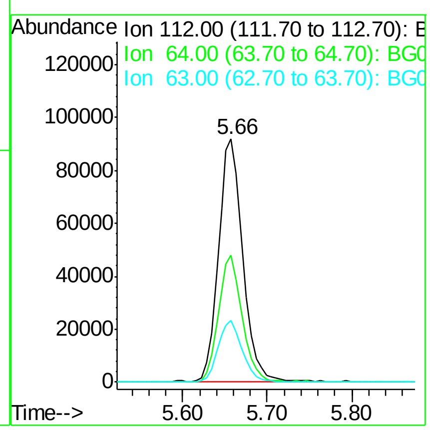


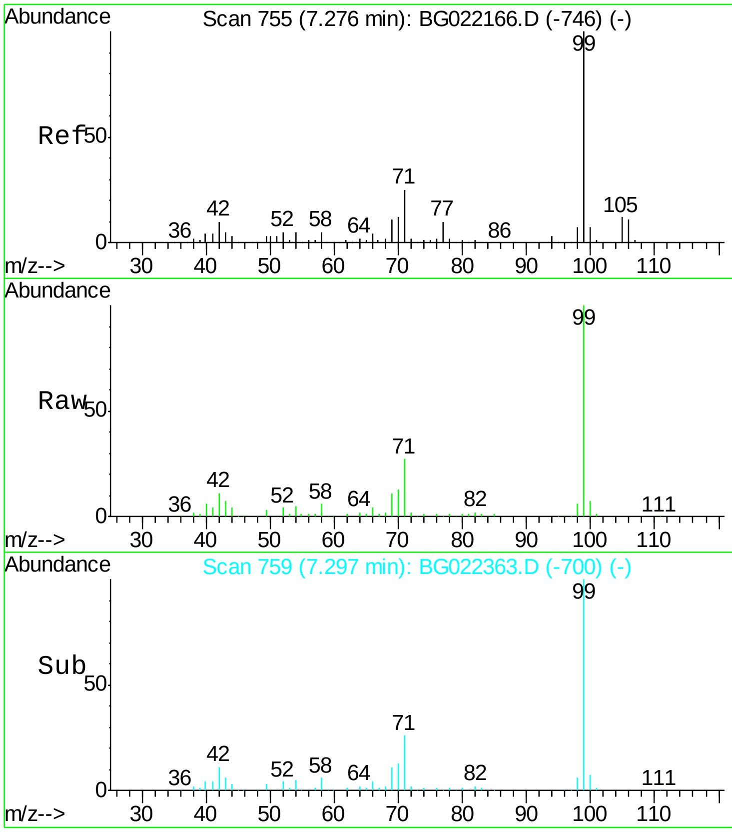


#5
2-Fluorophenol
Concen: 87.47 ng
RT: 5.66 min Scan# 480
Delta R.T. 0.02 min
Lab File: BG022363.D
Acq: 15 Jun 2016 10:42

Tgt Ion:112 Resp: 182582

Ion	Ratio	Lower	Upper
112	100		
64	52.2	51.1	76.7
63	25.6	24.6	37.0



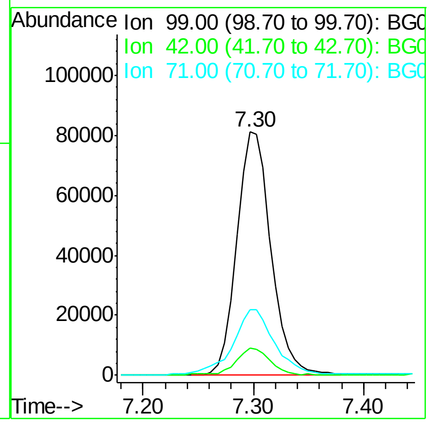


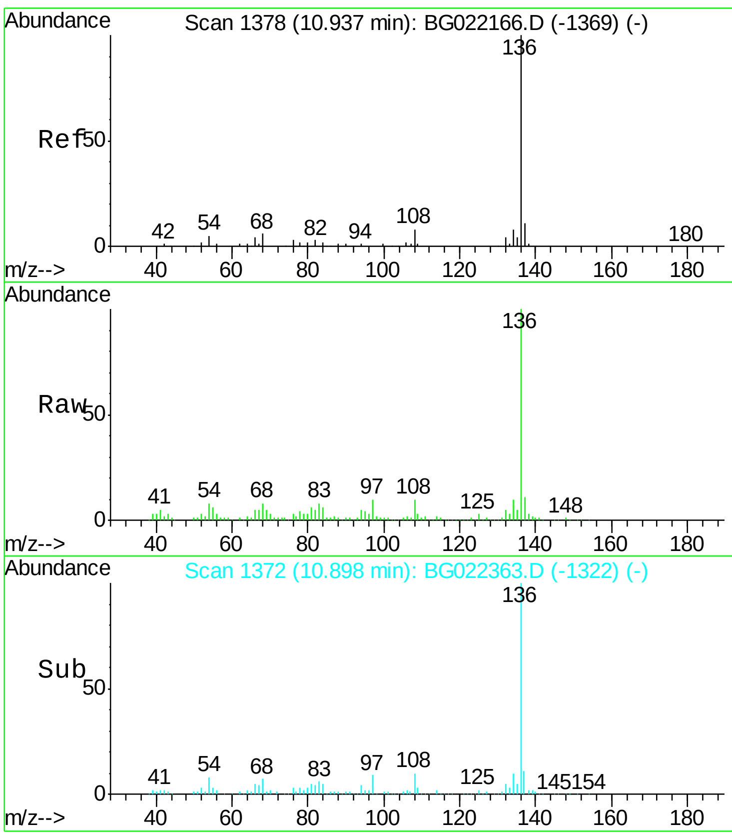
#7
Phenol-d6
Concen: 53.99 ng
RT: 7.30 min   Scan# 759
Delta R.T.   0.05 min
Lab File: BG022363.D
Acq: 15 Jun 2016   10:42

Instrument :
BNA_G
ClientSampleId :
W-01

Tgt Ion: 99 Resp: 177192

Ion	Ratio	Lower	Upper
99	100		
42	11.1	16.4	24.6#
71	27.0	25.0	37.4

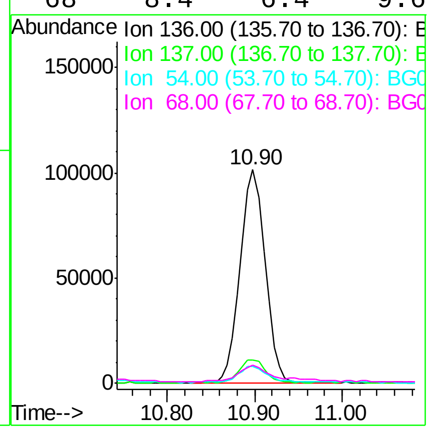


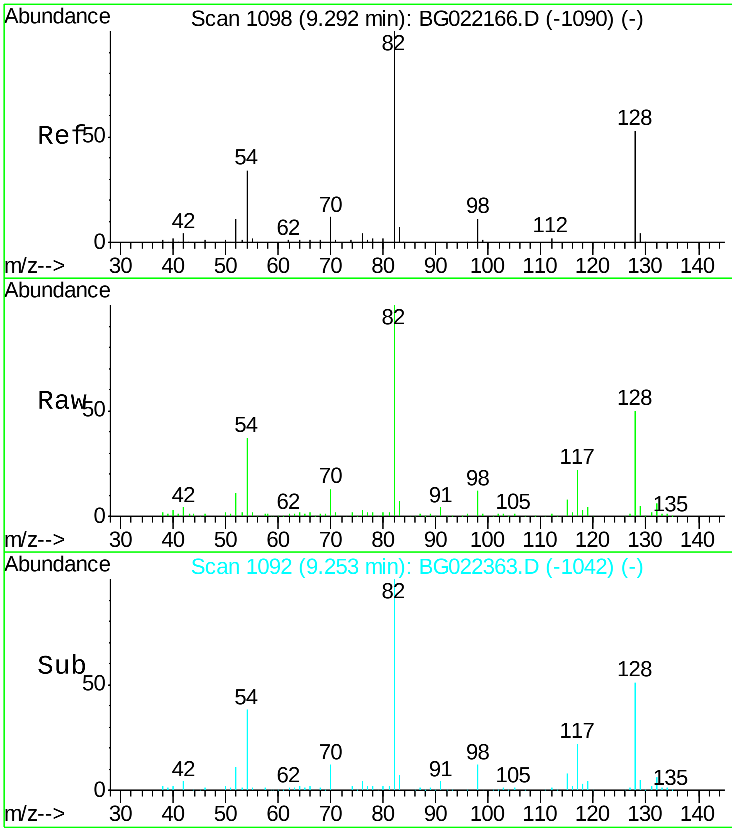


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.90 min   Scan# 1372
Delta R.T.   -0.01 min
Lab File: BG022363.D
Acq: 15 Jun 2016   10:42

Tgt Ion:136 Resp: 198080

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	8.0	9.6	14.4#
68	8.4	6.4	9.6



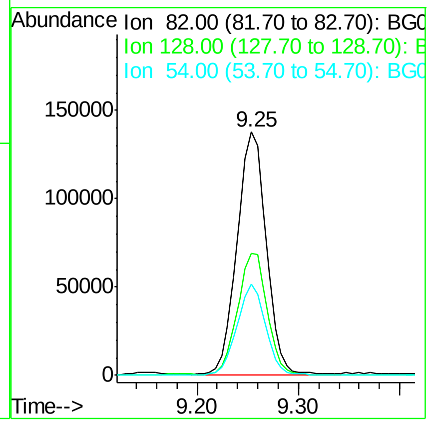


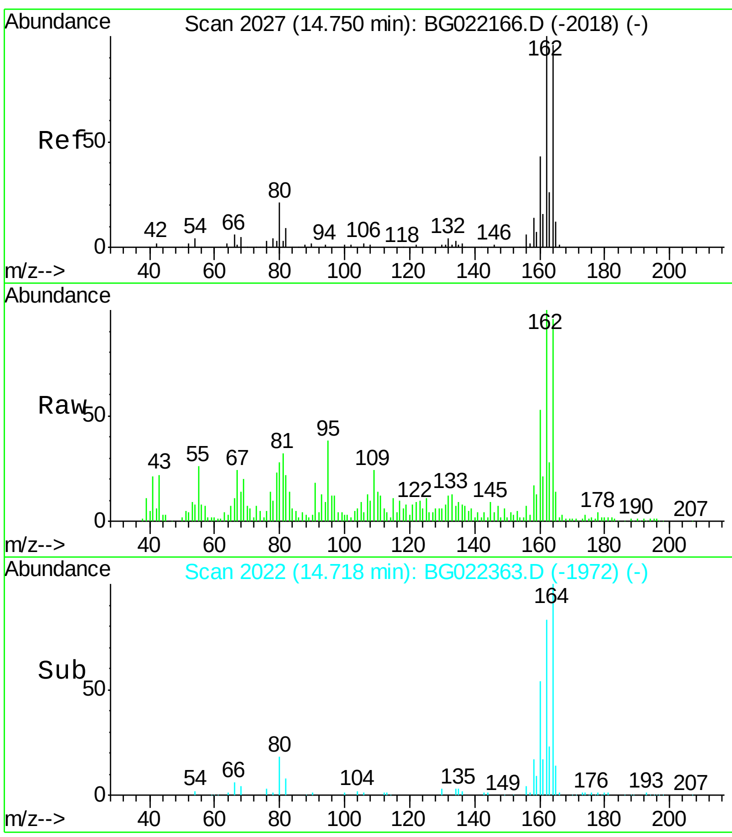
#23
Nitrobenzene-d5
Concen: 96.71 ng
RT: 9.25 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BG022363.D
Acq: 15 Jun 2016 10:42

Instrument : BNA_G
ClientSampleId : W-01

Tgt Ion: 82 Resp: 274780

Ion	Ratio	Lower	Upper
82	100		
128	50.1	33.4	50.0#
54	37.5	46.1	69.1#

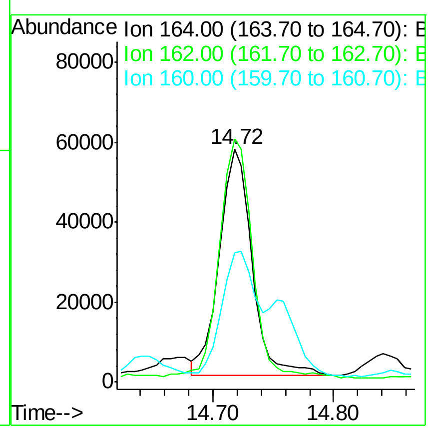




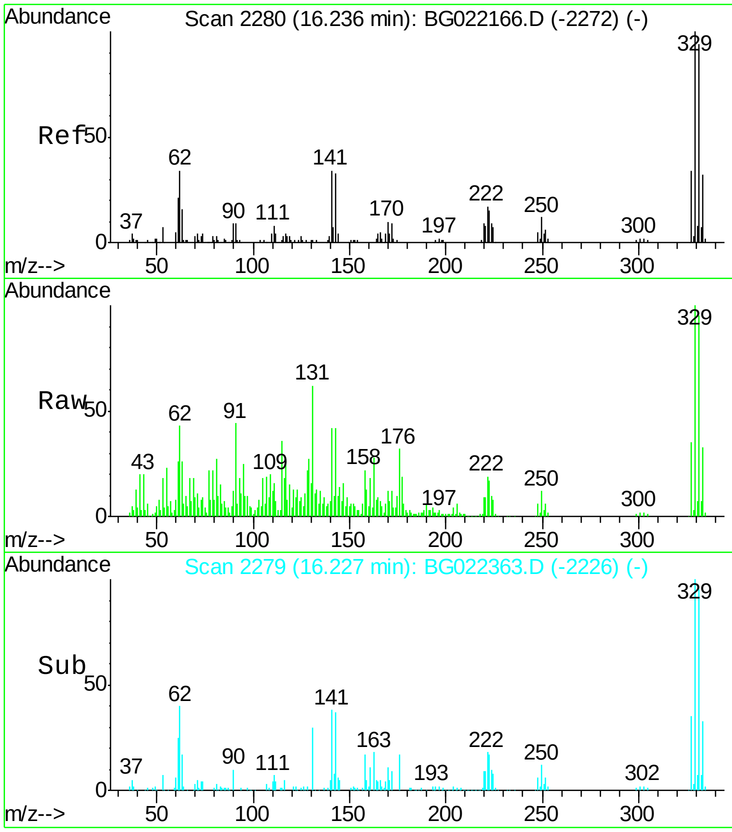
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BG022363.D
Acq: 15 Jun 2016 10:42

Tgt Ion:164 Resp: 106472

Ion	Ratio	Lower	Upper
164	100		
162	104.5	78.0	117.0
160	55.4	32.9	49.3#



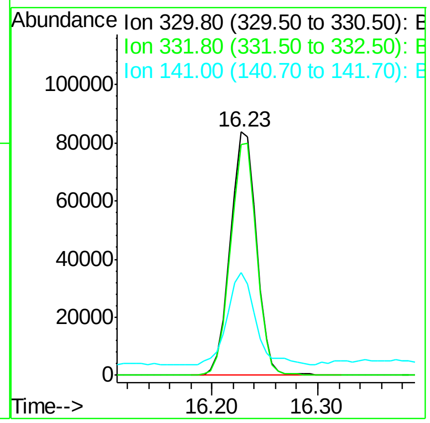
Instrument :
BNA_G
ClientSampleId :
W-01

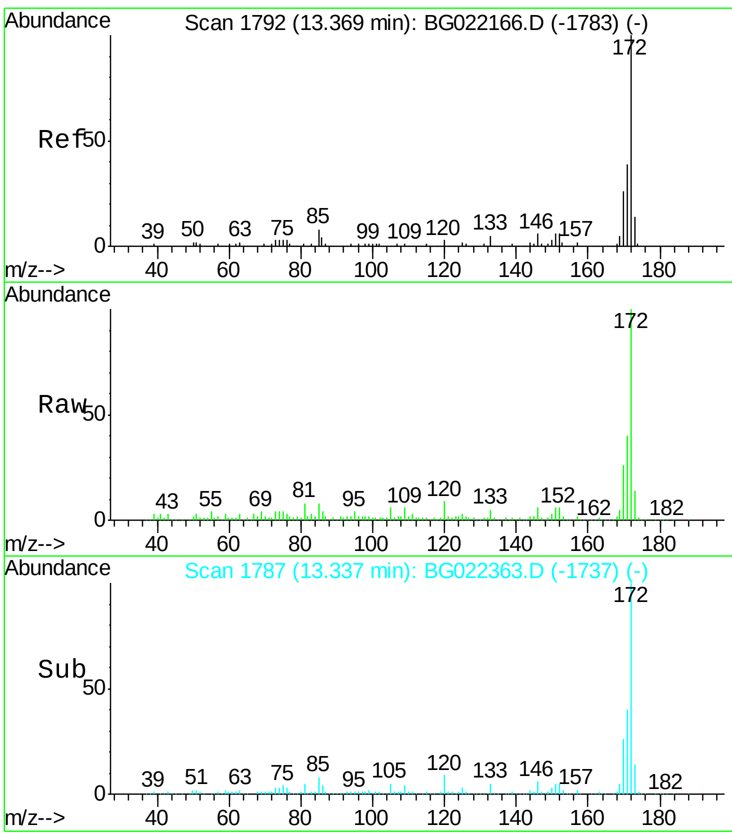


#41
2,4,6-Tribromophenol
Concen: 118.92 ng
RT: 16.23 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BG022363.D
Acq: 15 Jun 2016 10:42

Tgt Ion:330 Resp: 143073

Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.0	117.0
141	41.2	33.8	50.8

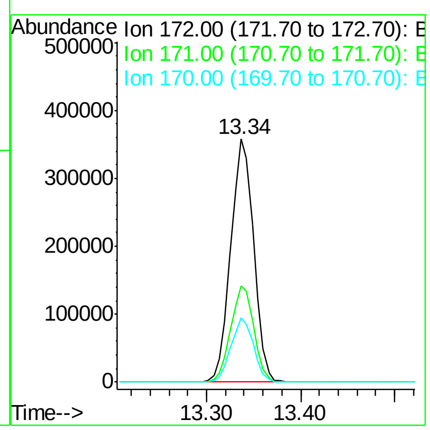


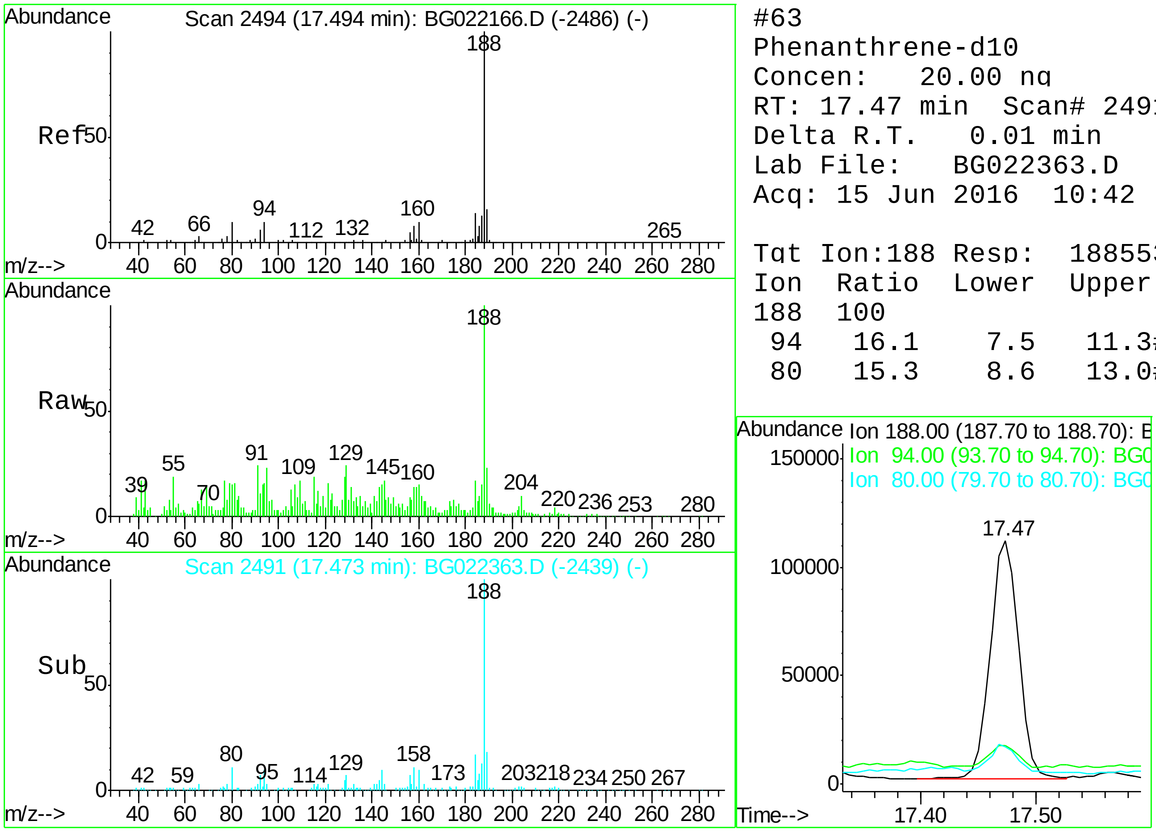


#44
2-Fluorobiphenyl
Concen: 86.91 ng
RT: 13.34 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG022363.D
Acq: 15 Jun 2016 10:42

Tgt Ion:172 Resp: 607217

Ion	Ratio	Lower	Upper
172	100		
171	39.8	27.8	41.6
170	26.4	19.6	29.4



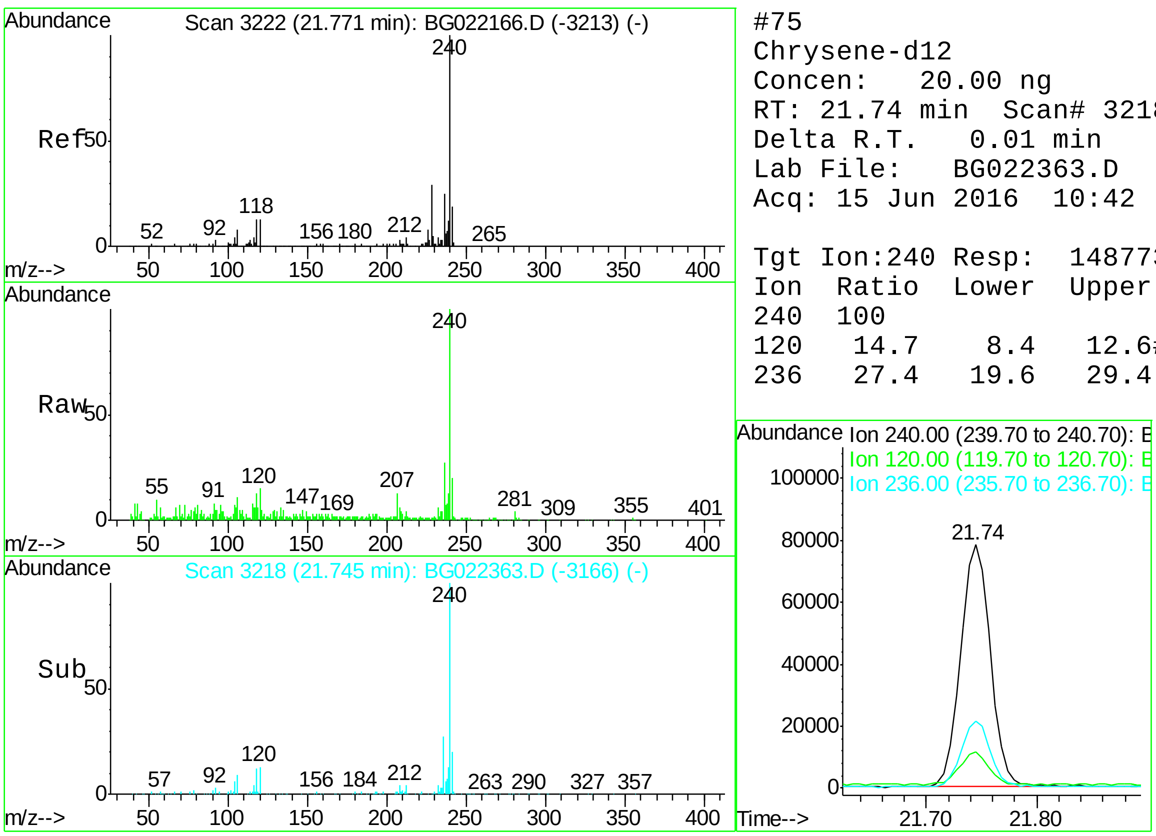


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2491
Delta R.T. 0.01 min
Lab File: BG022363.D
Acq: 15 Jun 2016 10:42

Instrument : BNA_G
ClientSampleId : W-01

Tgt Ion:188 Resp: 188553

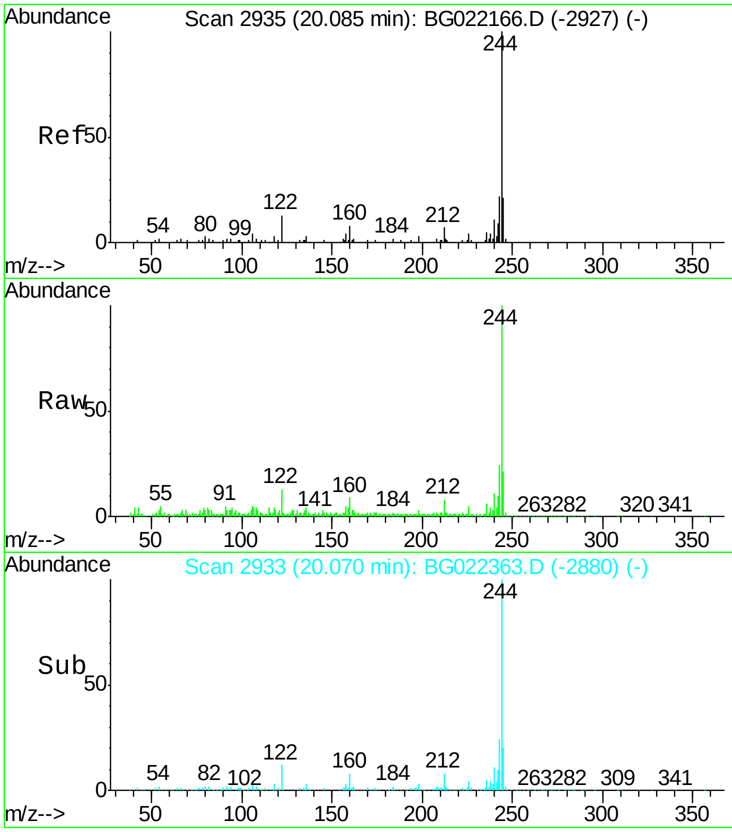
Ion	Ratio	Lower	Upper
188	100		
94	16.1	7.5	11.3#
80	15.3	8.6	13.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.74 min Scan# 3218
Delta R.T. 0.01 min
Lab File: BG022363.D
Acq: 15 Jun 2016 10:42

Tgt Ion:240 Resp: 148773

Ion	Ratio	Lower	Upper
240	100		
120	14.7	8.4	12.6#
236	27.4	19.6	29.4

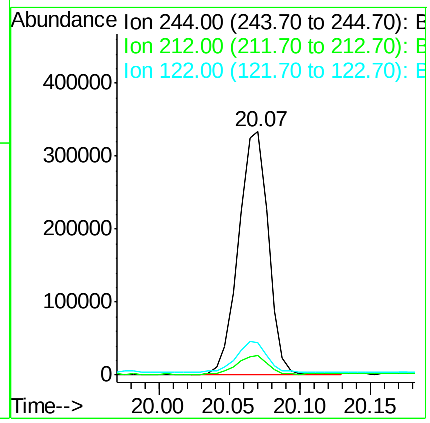


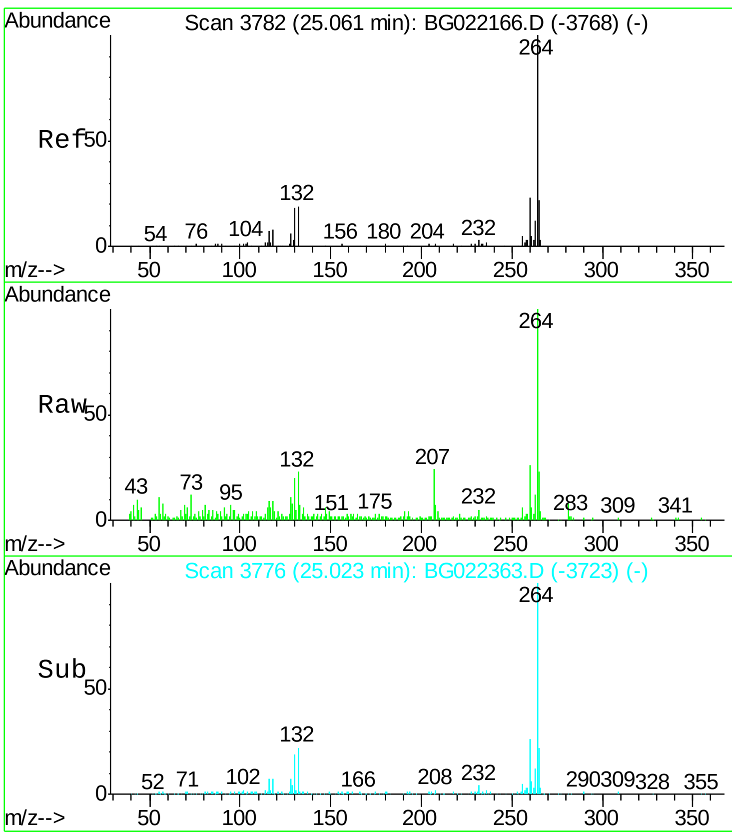
#78
Terphenyl-d14
Concen: 78.04 ng
RT: 20.07 min   Scan# 2933
Delta R.T.   0.01 min
Lab File: BG022363.D
Acq: 15 Jun 2016   10:42

Tgt Ion:244 Resp: 489015

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	13.4	8.6	12.8#

Instrument :
BNA_G
ClientSampleId :
W-01





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.02 min   Scan# 3776
Delta R.T.   0.01 min
Lab File: BG022363.D
Acq: 15 Jun 2016   10:42

Tgt Ion:264 Resp: 143447

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.2	30.4
265	23.0	17.8	26.8