Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071916\
Data File : BG023180.D
Acq On : 19 Jul 2016 17:33
Operator : UM/SJ
Sample : PB92266BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB92266BL

Quant Time: Jul 21 19:14:44 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 19 15:46:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	102212	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	489132	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	373218	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	862142	20.00	ng	0.00
75) Chrysene-d12	21.87	240	907960	20.00	ng	0.00
86) Perylene-d12	25.27	264	840388	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	791509	126.65	ng	0.01
7) Phenol-d6	7.30	99	1240635	126.75	ng	0.00
23) Nitrobenzene-d5	9.32	82	910620	79.72	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	582377	86.82	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1849927	78.07	ng	0.00
78) Terphenyl-d14	20.16	244	2569648	93.05	ng	0.00
Target Compounds						Qvalue

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

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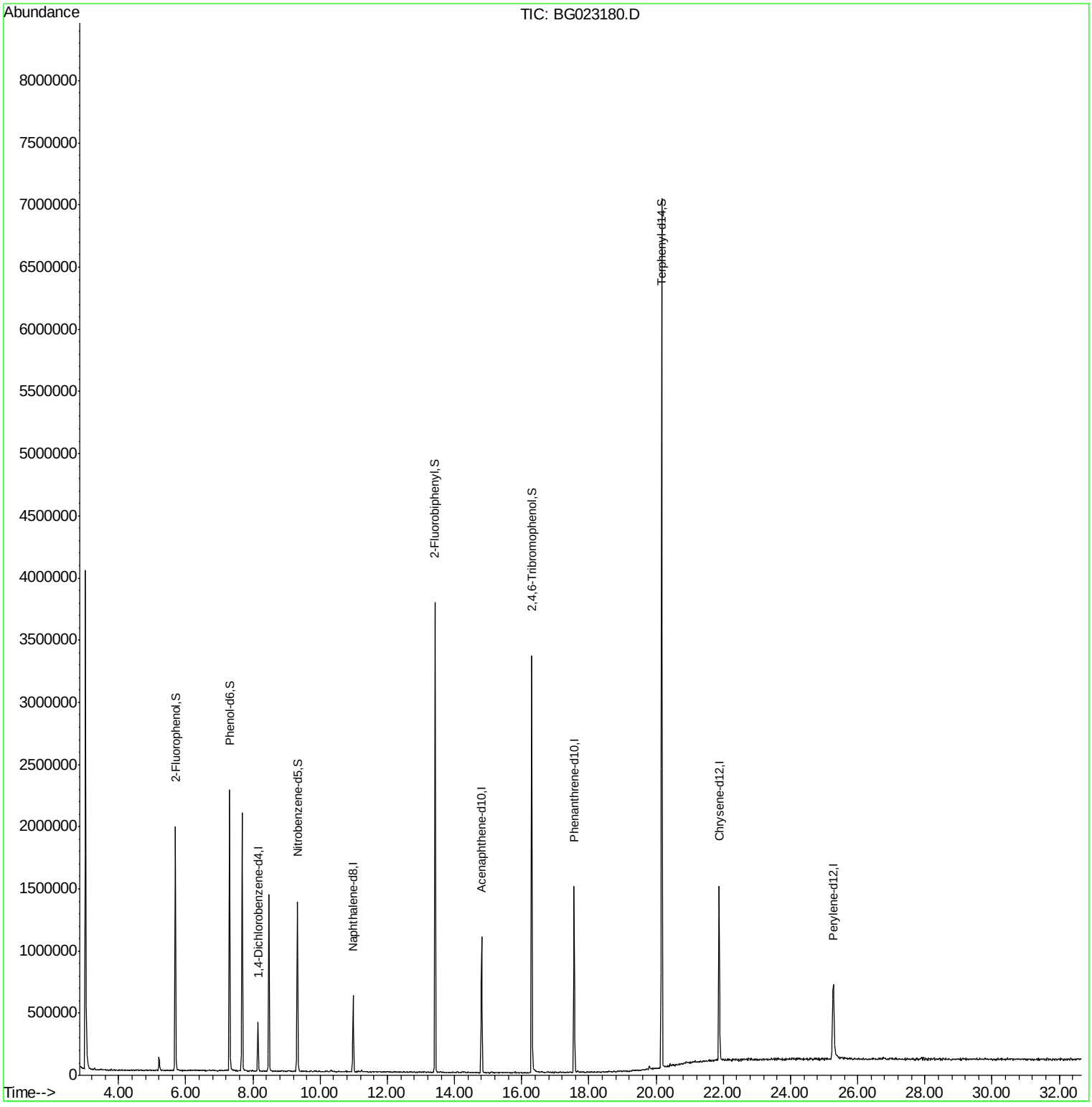
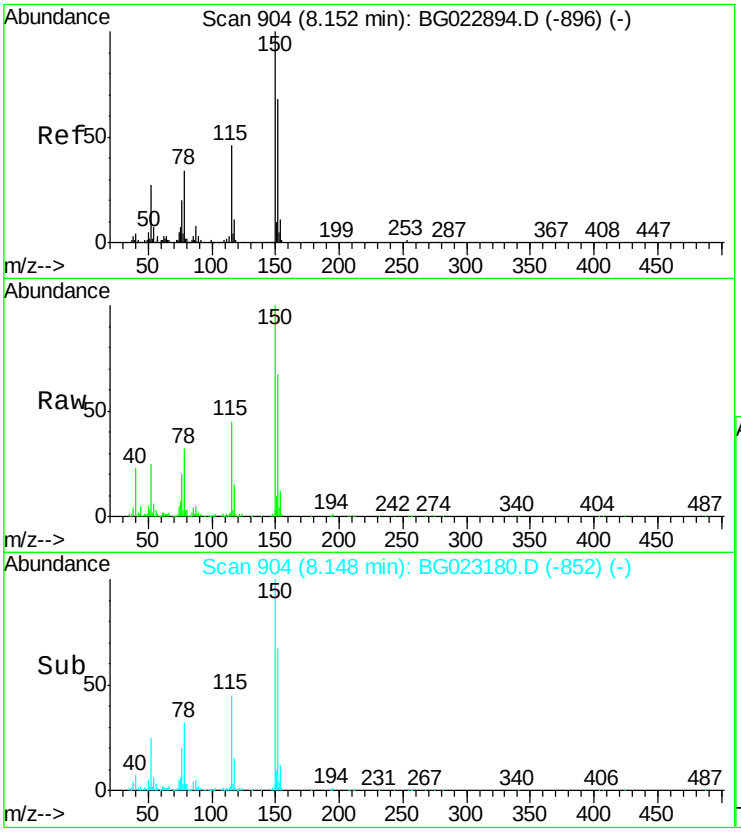


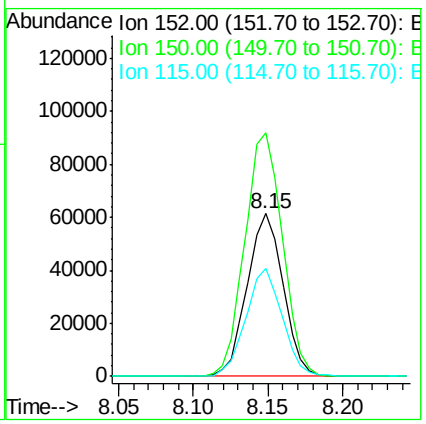


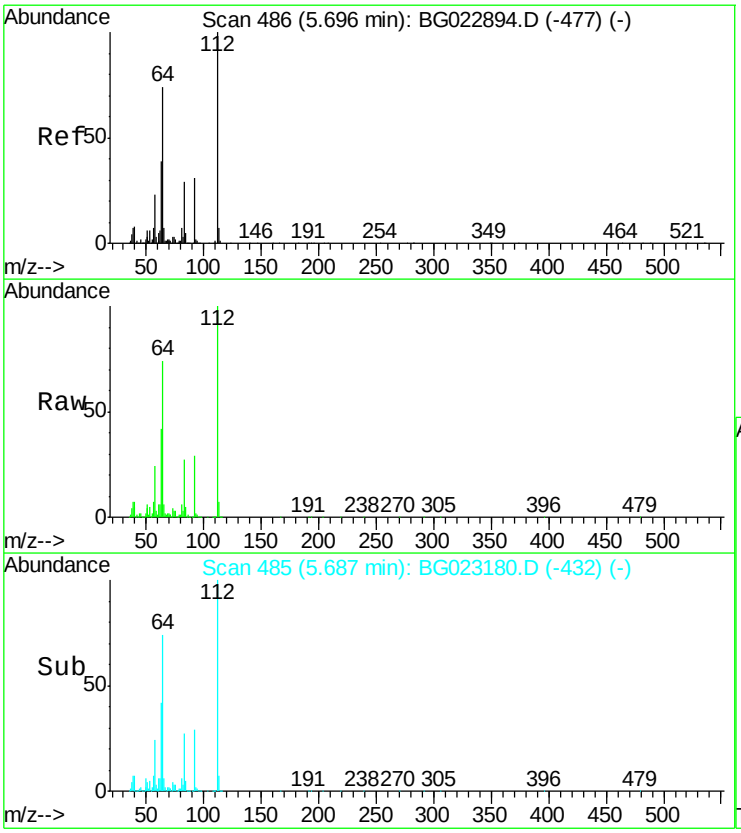
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. 0.00 min
Lab File: BG023180.D
Acq: 19 Jul 2016 17:33

Instrument :
BNA_G
ClientSampleId :
PB92266BL

Tgt Ion:152 Resp: 102212

Ion	Ratio	Lower	Upper
152	100		
150	149.6	144.7	217.1
115	66.7	64.0	96.0

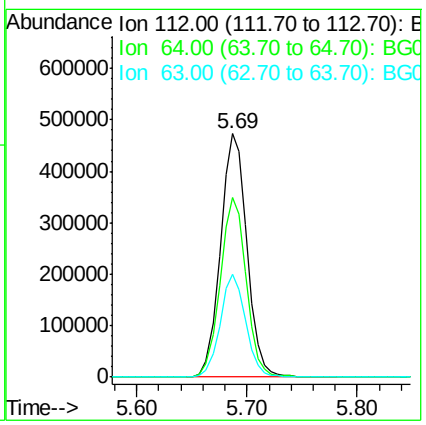


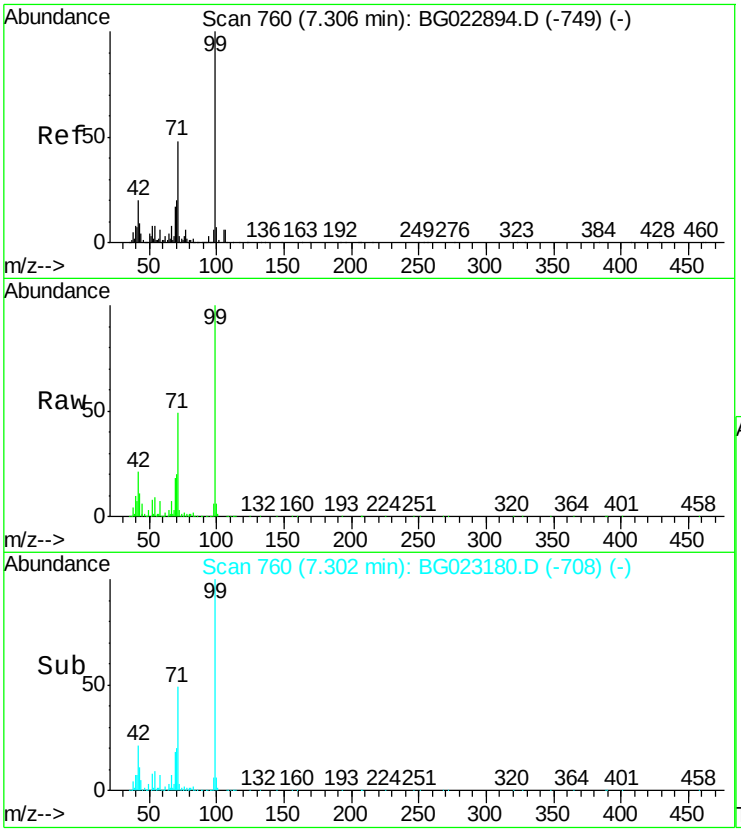


#5
2-Fluorophenol
Concen: 126.65 ng
RT: 5.69 min Scan# 485
Delta R.T. 0.01 min
Lab File: BG023180.D
Acq: 19 Jul 2016 17:33

Tgt Ion:112 Resp: 791509

Ion	Ratio	Lower	Upper
112	100		
64	73.9	59.0	88.4
63	42.5	37.8	56.8



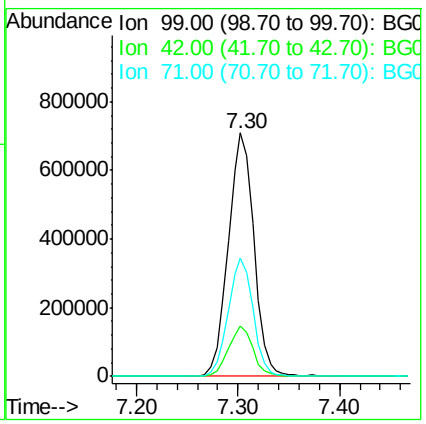


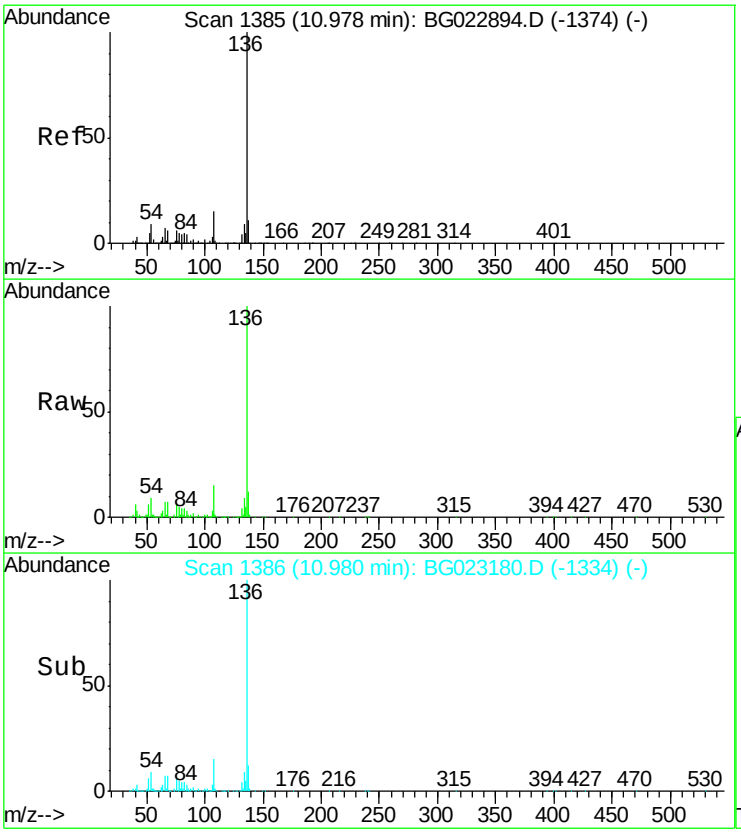
#7
Phenol-d6
Concen: 126.75 ng
RT: 7.30 min Scan# 760
Delta R.T. 0.00 min
Lab File: BG023180.D
Acq: 19 Jul 2016 17:33

Instrument :
BNA_G
ClientSampleId :
PB92266BL

Tgt Ion: 99 Resp: 1240635

Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.8	26.6
71	48.7	41.5	62.3

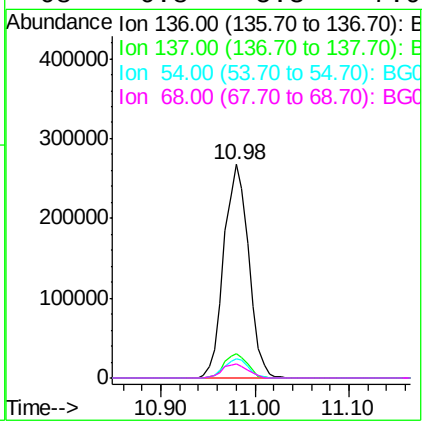


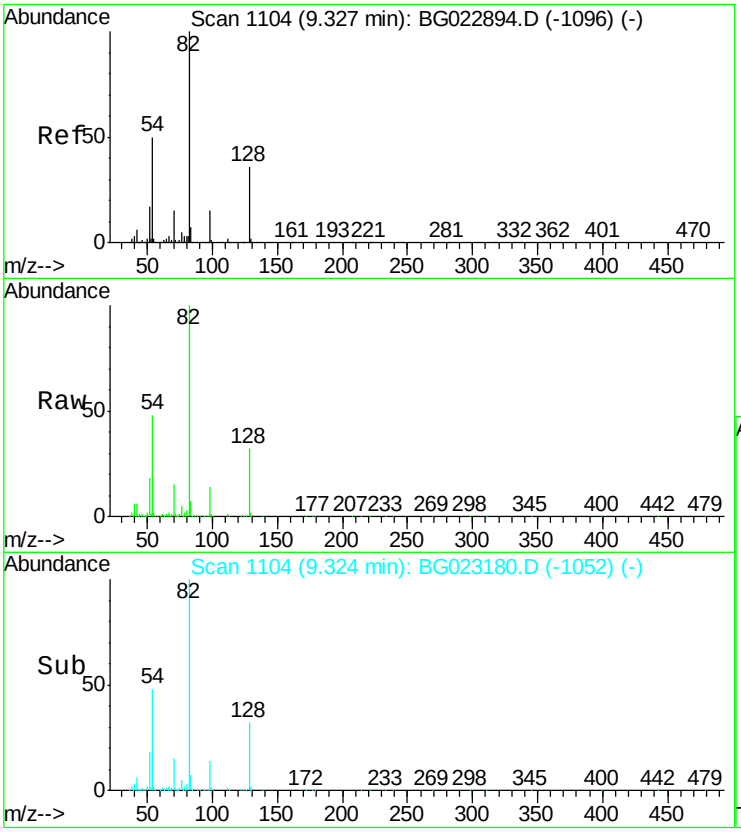


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG023180.D
Acq: 19 Jul 2016 17:33

Tgt Ion:136 Resp: 489132

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	8.9	7.3	10.9
68	6.8	5.3	7.9



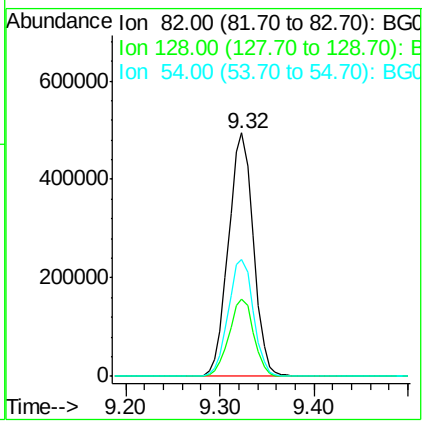


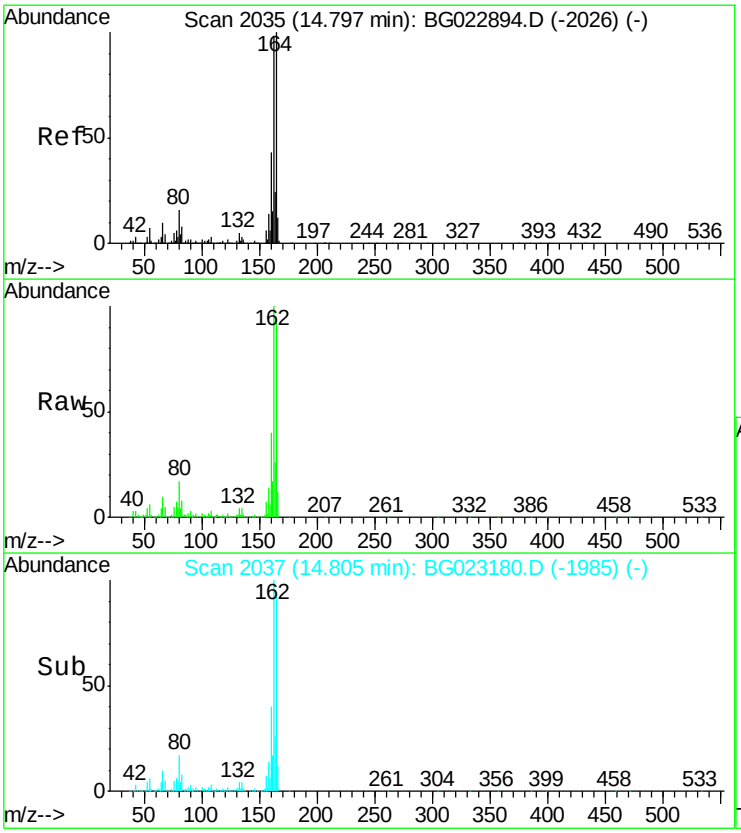
#23
Nitrobenzene-d5
Concen: 79.72 ng
RT: 9.32 min Scan# 1104
Delta R.T. 0.00 min
Lab File: BG023180.D
Acq: 19 Jul 2016 17:33

Instrument :
BNA_G
ClientSampleId :
PB92266BL

Tgt Ion: 82 Resp: 910620

Ion	Ratio	Lower	Upper
82	100		
128	31.8	24.4	36.6
54	48.2	41.4	62.0

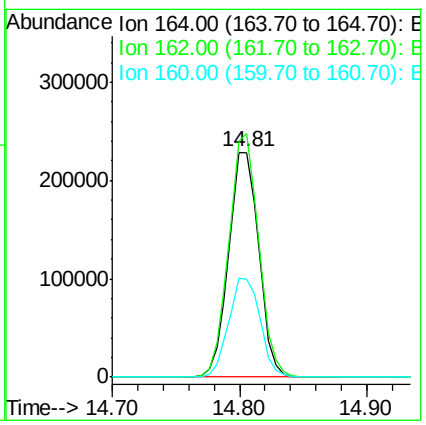


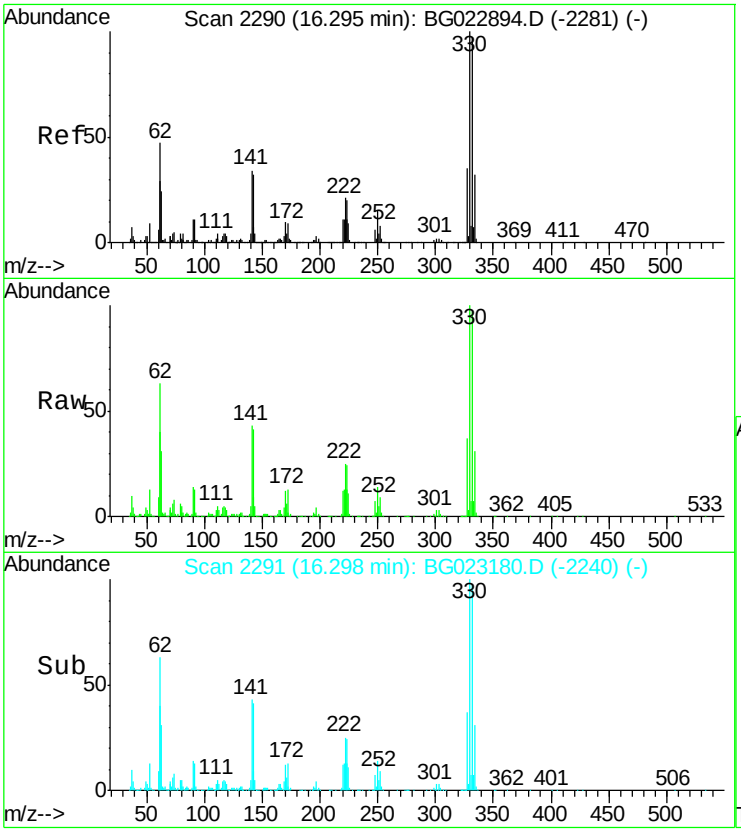


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BG023180.D
Acq: 19 Jul 2016 17:33

Tgt Ion:164 Resp: 373218

Ion	Ratio	Lower	Upper
164	100		
162	108.3	87.7	131.5
160	43.3	37.2	55.8



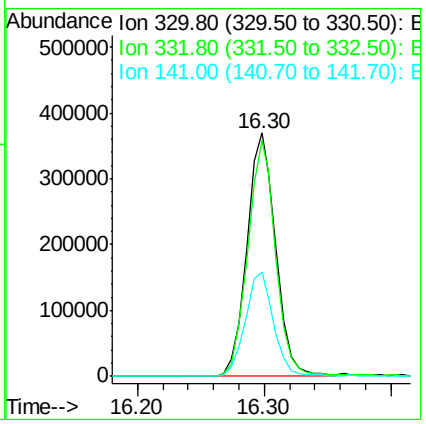


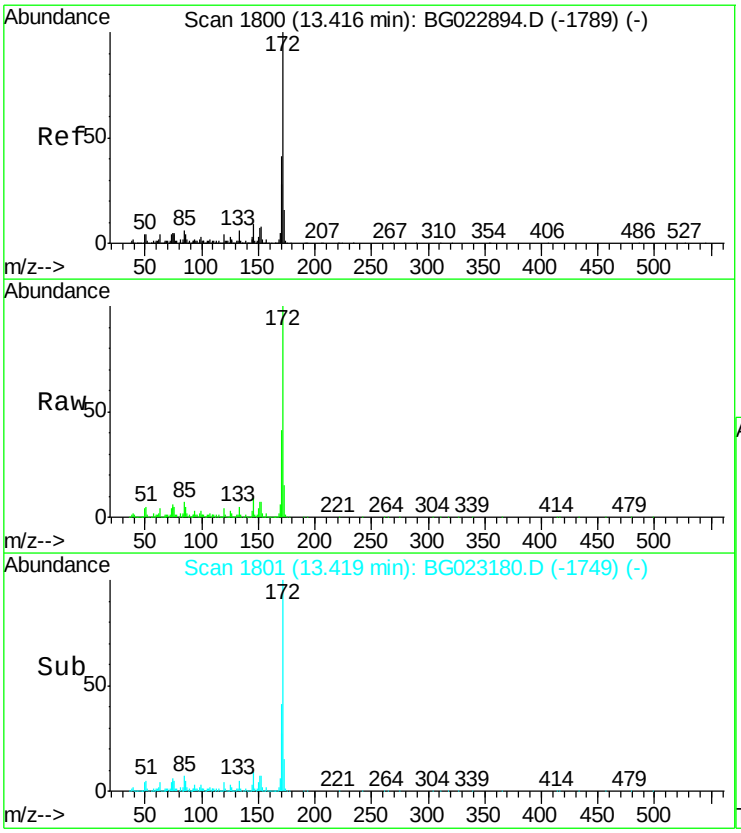
#41
2,4,6-Tribromophenol
Concen: 86.82 ng
RT: 16.30 min Scan# 2291
Delta R.T. -0.00 min
Lab File: BG023180.D
Acq: 19 Jul 2016 17:33

Instrument :
BNA_G
ClientSampleId :
PB92266BL

Tgt Ion:330 Resp: 582377

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.4	116.2
141	42.2	31.7	47.5

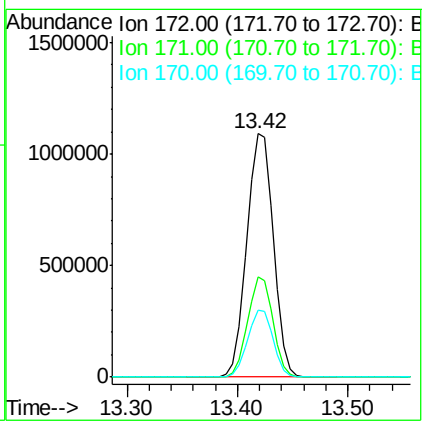


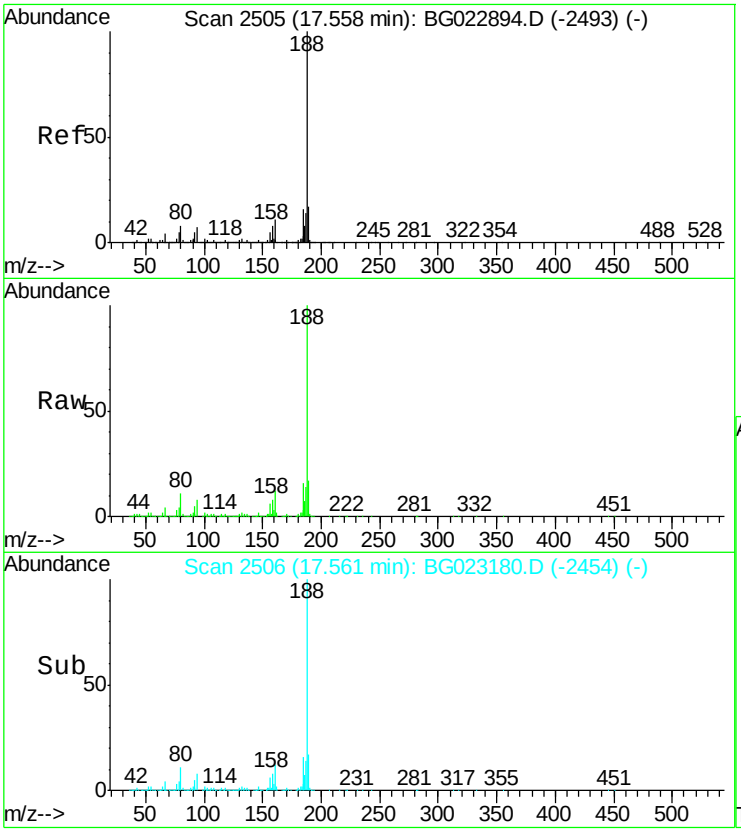


#44
2-Fluorobiphenyl
Concen: 78.07 ng
RT: 13.42 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BG023180.D
Acq: 19 Jul 2016 17:33

Tgt Ion:172 Resp: 1849927

Ion	Ratio	Lower	Upper
172	100		
171	41.3	31.6	47.4
170	27.3	21.3	31.9



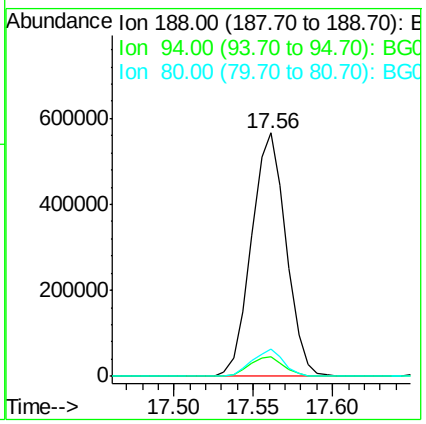


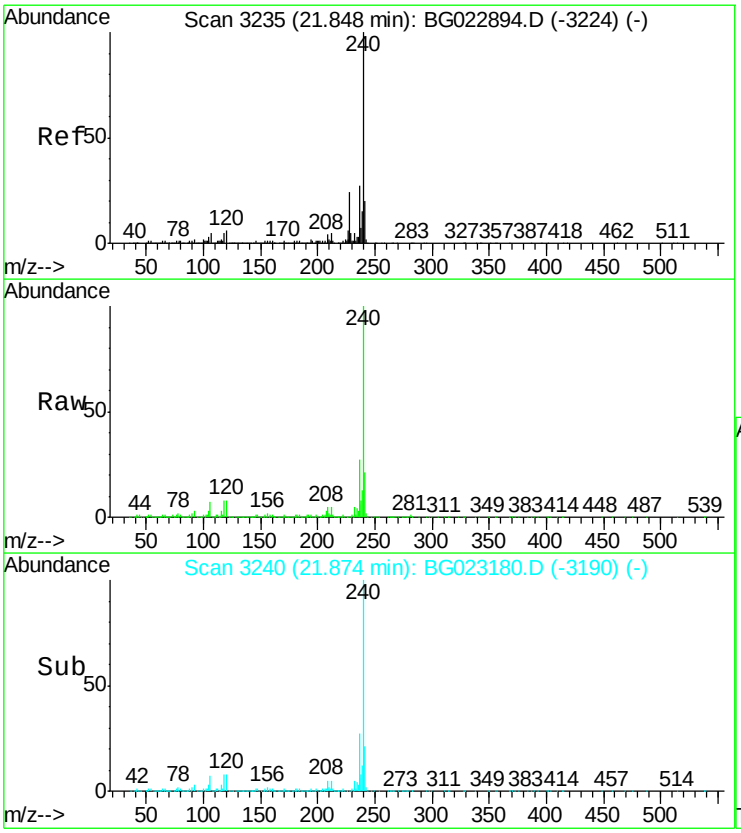
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BG023180.D
Acq: 19 Jul 2016 17:33

Instrument :
BNA_G
ClientSampleId :
PB92266BL

Tgt Ion:188 Resp: 862142

Ion	Ratio	Lower	Upper
188	100		
94	8.3	5.2	7.8#
80	11.3	7.2	10.8#

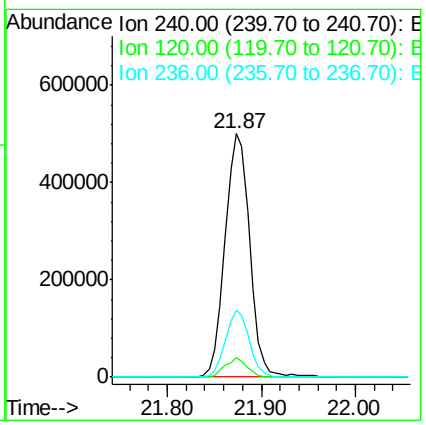


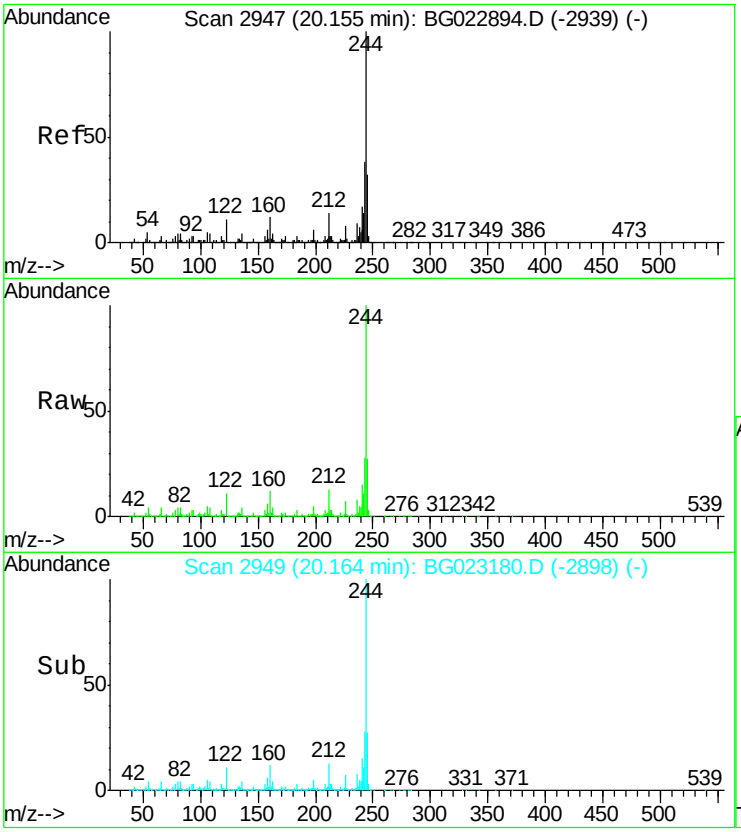


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3240
Delta R.T. -0.01 min
Lab File: BG023180.D
Acq: 19 Jul 2016 17:33

Tgt Ion:240 Resp: 907960

Ion	Ratio	Lower	Upper
240	100		
120	7.9	4.1	6.1#
236	27.5	21.1	31.7



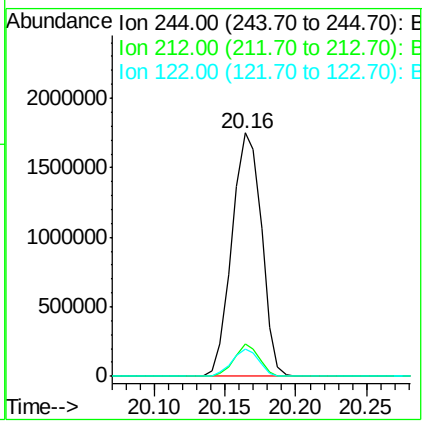


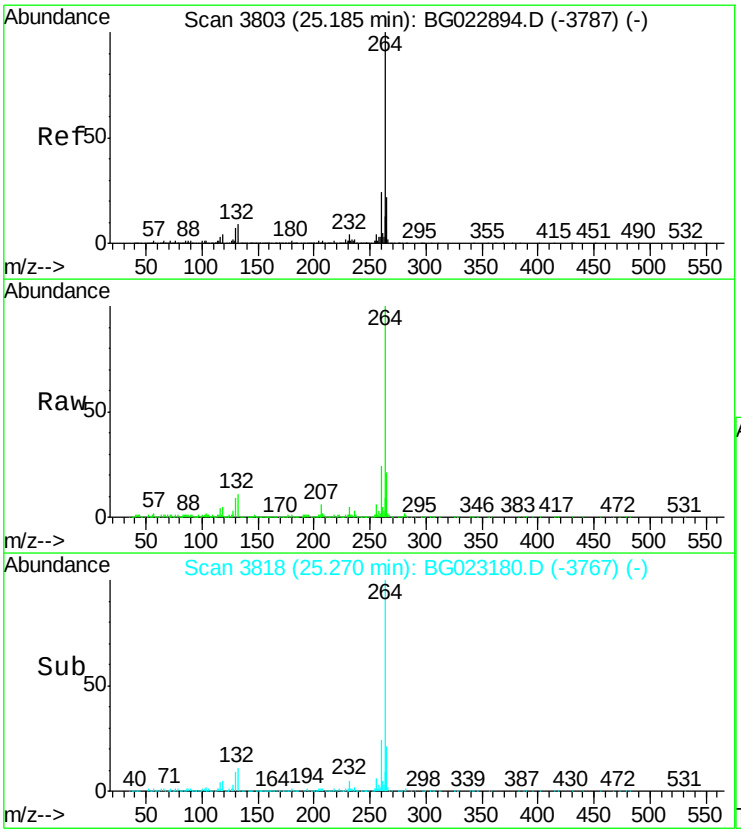
#78
Terphenyl-d14
Concen: 93.05 ng
RT: 20.16 min Scan# 2949
Delta R.T. -0.00 min
Lab File: BG023180.D
Acq: 19 Jul 2016 17:33

Instrument :
BNA_G
ClientSampleId :
PB92266BL

Tgt Ion:244 Resp: 2569648

Ion	Ratio	Lower	Upper
244	100		
212	13.1	10.8	16.2
122	11.4	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.27 min Scan# 3818
Delta R.T. -0.00 min
Lab File: BG023180.D
Acq: 19 Jul 2016 17:33

Tgt Ion:264 Resp: 840388

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.4	27.6
265	21.2	18.9	28.3