Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023141.D
Acq On : 16 Jul 2016 10:58
Operator : UM/SJ
Sample : H4016-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5-17

Quant Time: Jul 18 01:18:57 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 18:30:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	99898	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	455878	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	348992	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	850391	20.00	ng	0.00
75) Chrysene-d12	21.86	240	936850	20.00	ng	0.00
86) Perylene-d12	25.22	264	933724	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	766631	125.51	ng	0.00
7) Phenol-d6	7.30	99	1210234	126.50	ng	0.00
23) Nitrobenzene-d5	9.32	82	852577	80.08	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	594356	94.76	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1539884	69.50	ng	0.00
78) Terphenyl-d14	20.15	244	2155712	67.38	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.24	163	627067	22.00	ng	98

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

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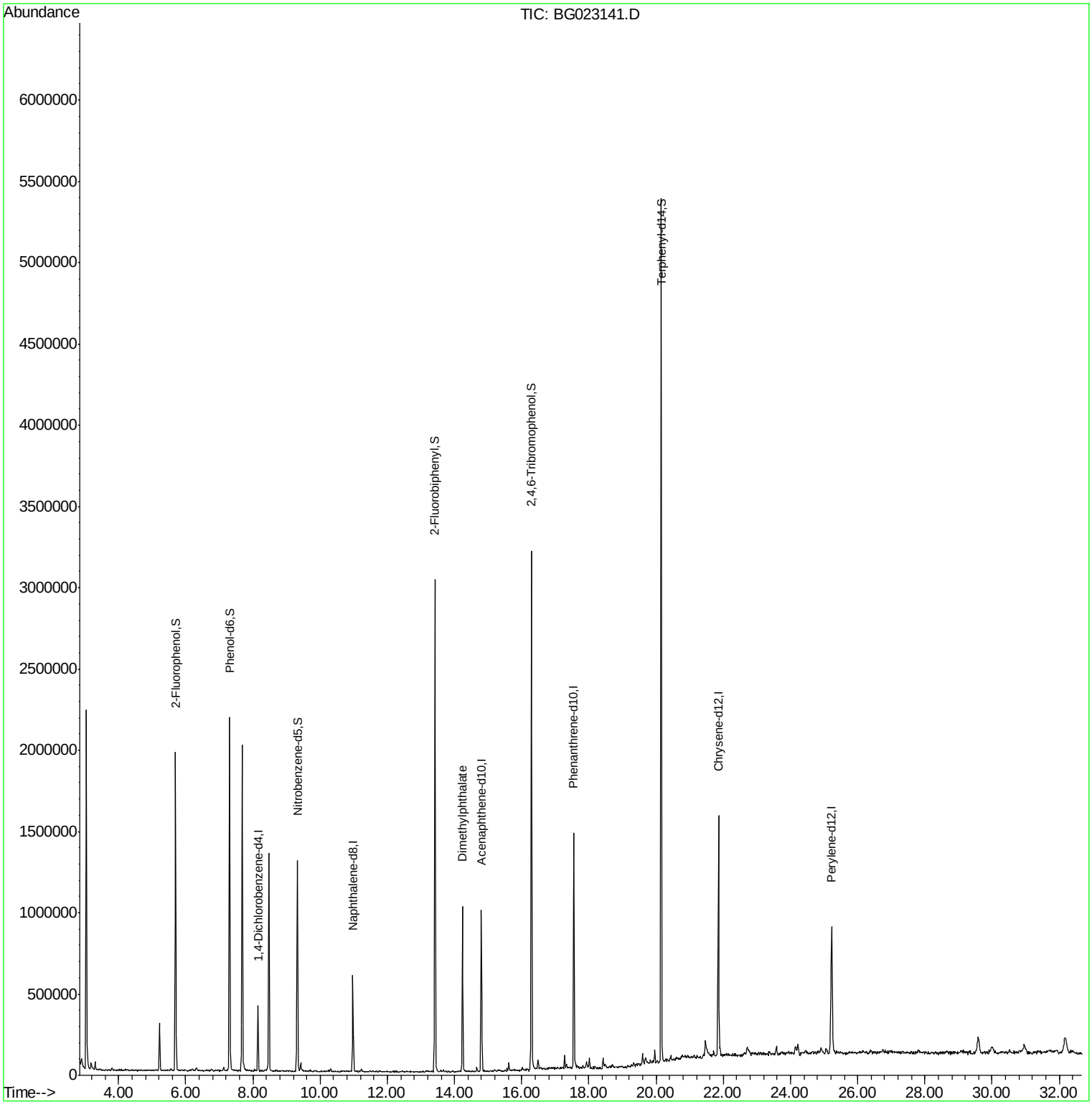
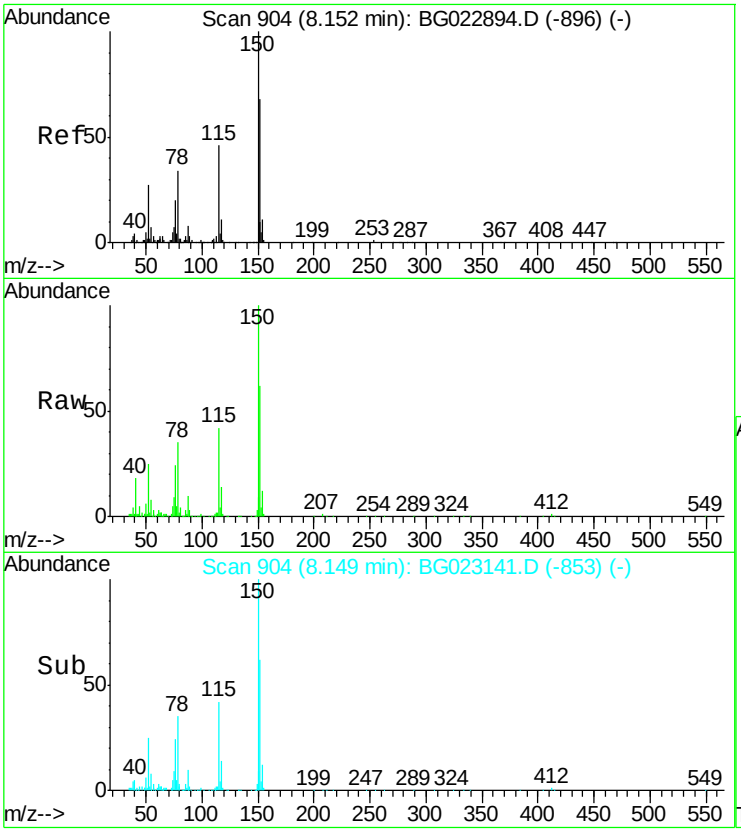


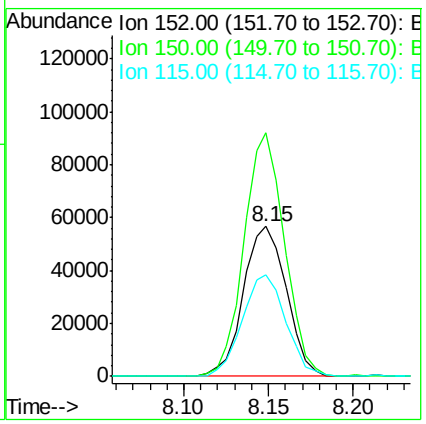


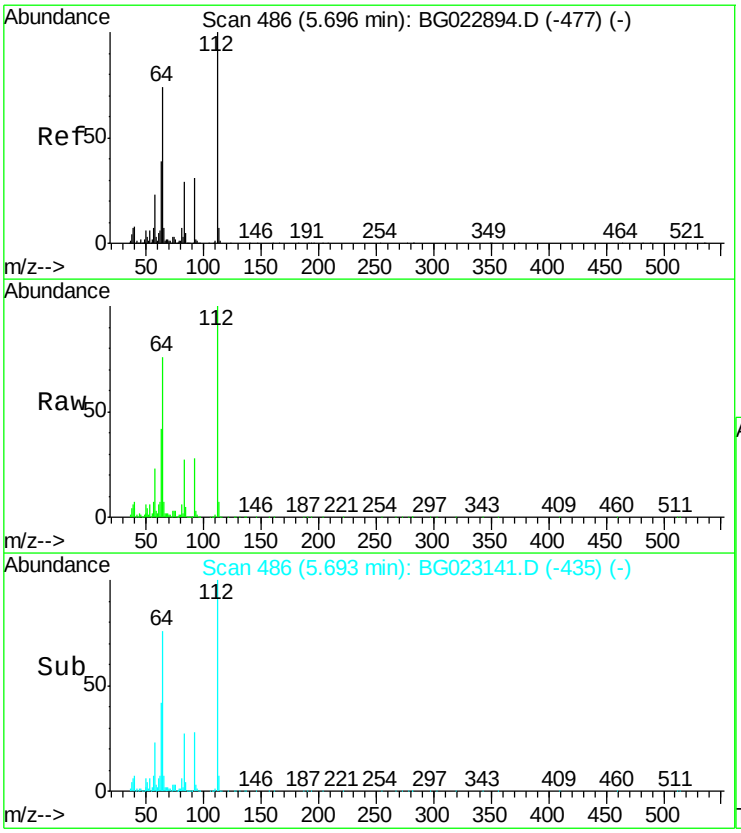
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG023141.D
Acq: 16 Jul 2016 10:58

Instrument :
BNA_G
ClientSampleId :
C5-17

Tgt Ion:152 Resp: 99898

Ion	Ratio	Lower	Upper
152	100		
150	162.2	144.7	217.1
115	67.6	64.0	96.0

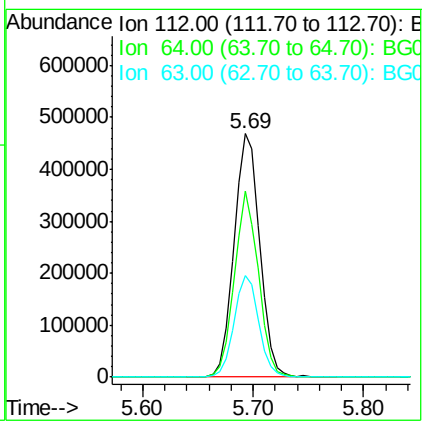


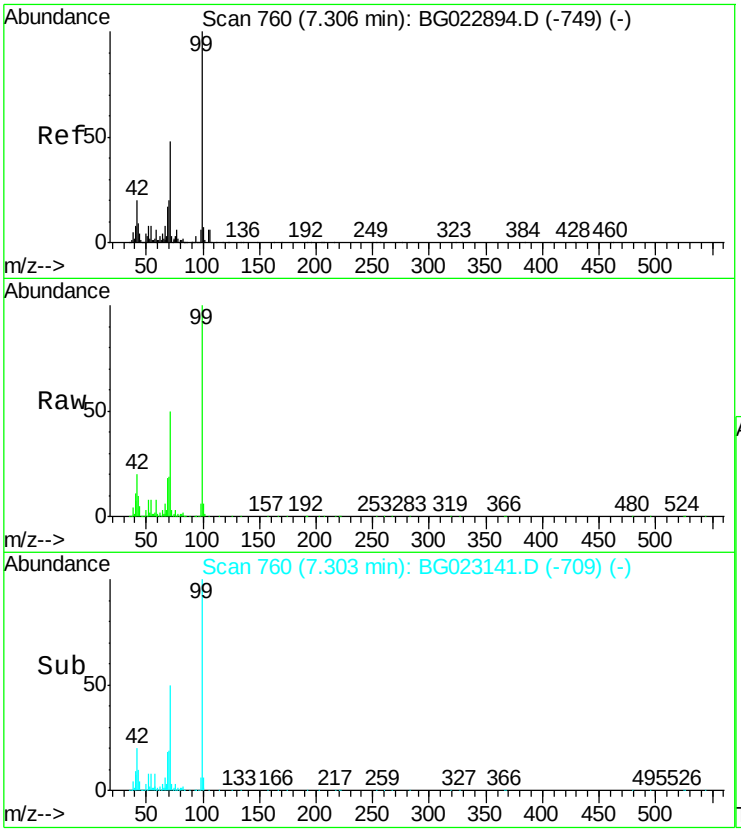


#5
2-Fluorophenol
Concen: 125.51 ng
RT: 5.69 min Scan# 486
Delta R.T. -0.00 min
Lab File: BG023141.D
Acq: 16 Jul 2016 10:58

Tgt Ion:112 Resp: 766631

Ion	Ratio	Lower	Upper
112	100		
64	76.3	59.0	88.4
63	41.5	37.8	56.8



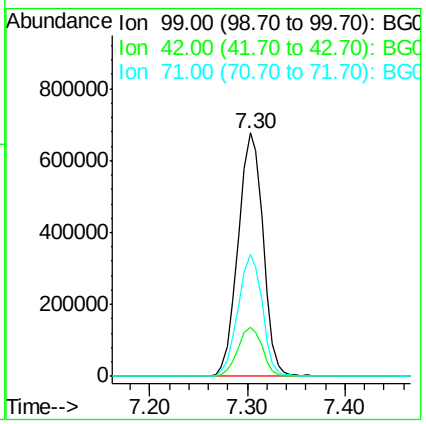


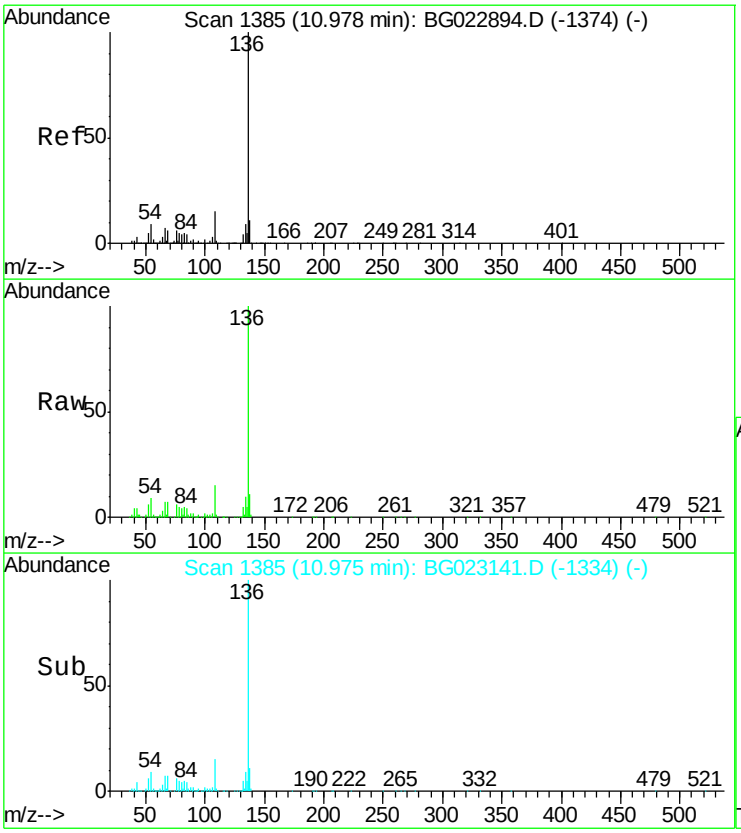
#7
Phenol-d6
Concen: 126.50 ng
RT: 7.30 min Scan# 760
Delta R.T. -0.00 min
Lab File: BG023141.D
Acq: 16 Jul 2016 10:58

Instrument :
BNA_G
ClientSampleId :
C5-17

Tgt Ion: 99 Resp: 1210234

Ion	Ratio	Lower	Upper
99	100		
42	20.3	17.8	26.6
71	50.0	41.5	62.3

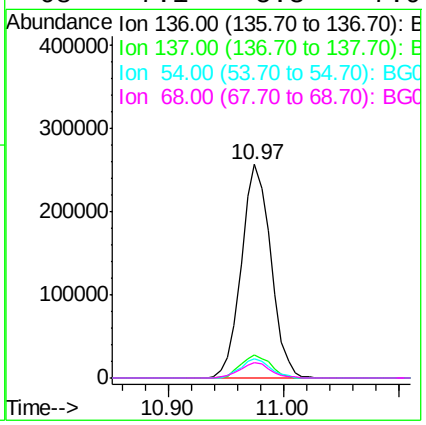


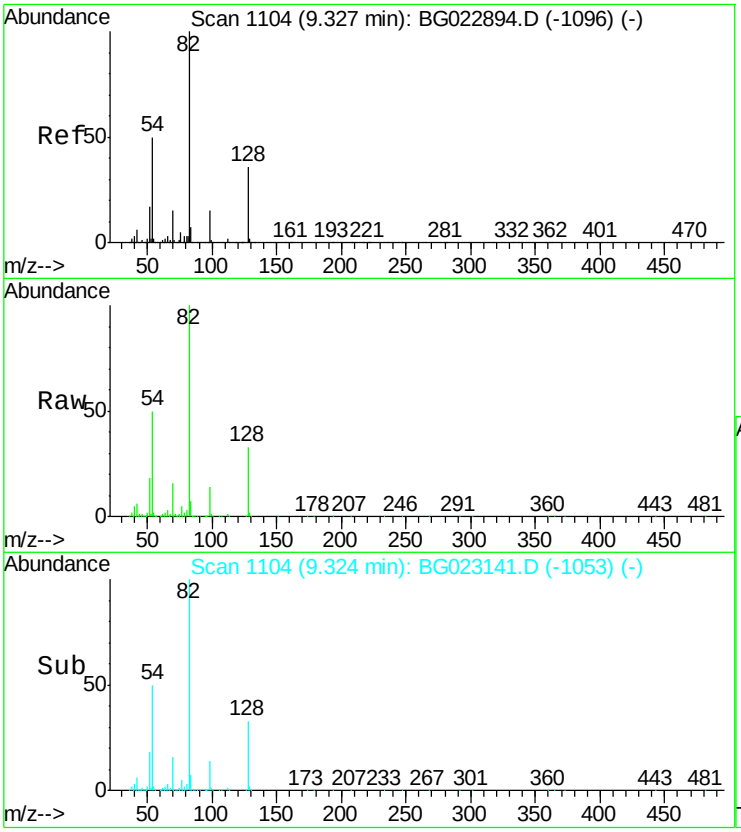


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG023141.D
Acq: 16 Jul 2016 10:58

Tgt Ion:136 Resp: 455878

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	9.1	7.3	10.9
68	7.1	5.3	7.9



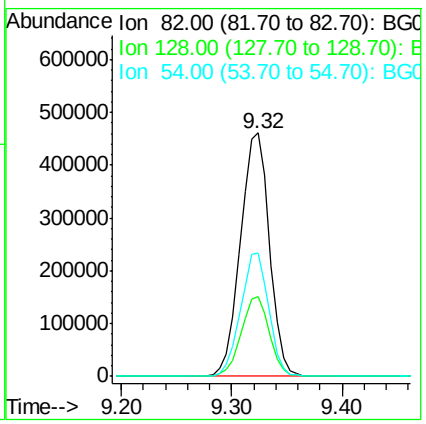


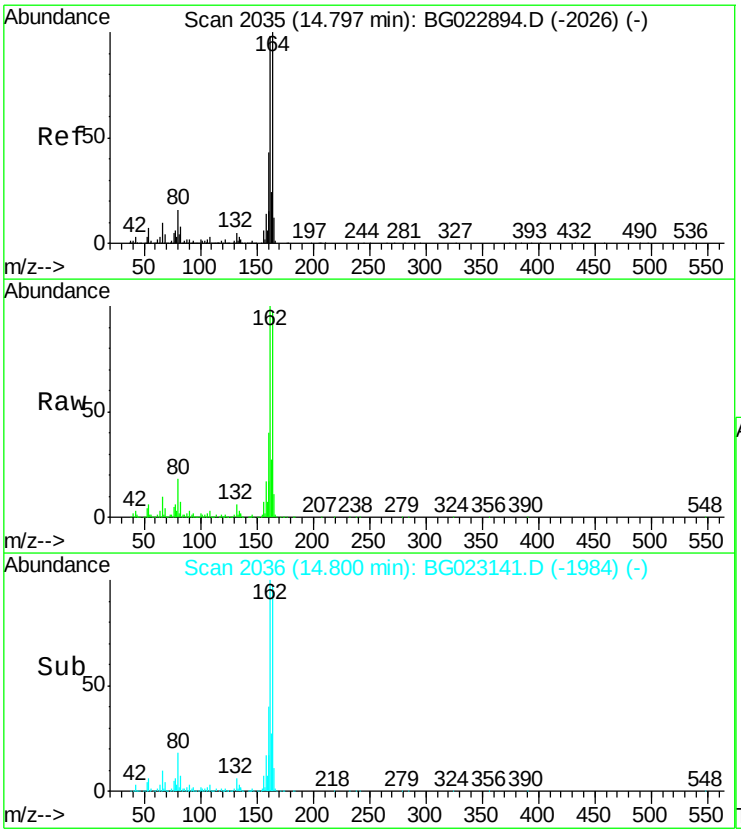
#23
Nitrobenzene-d5
Concen: 80.08 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG023141.D
Acq: 16 Jul 2016 10:58

Instrument :
BNA_G
ClientSampleId :
C5-17

Tgt Ion: 82 Resp: 852577

Ion	Ratio	Lower	Upper
82	100		
128	32.8	24.4	36.6
54	50.4	41.4	62.0

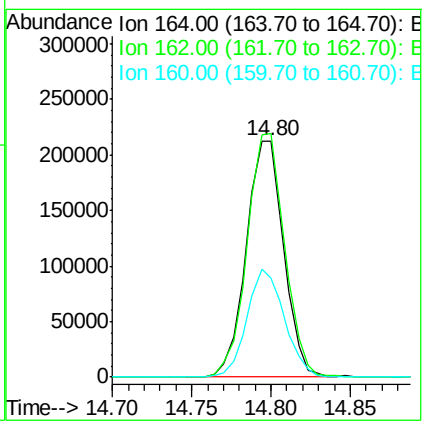


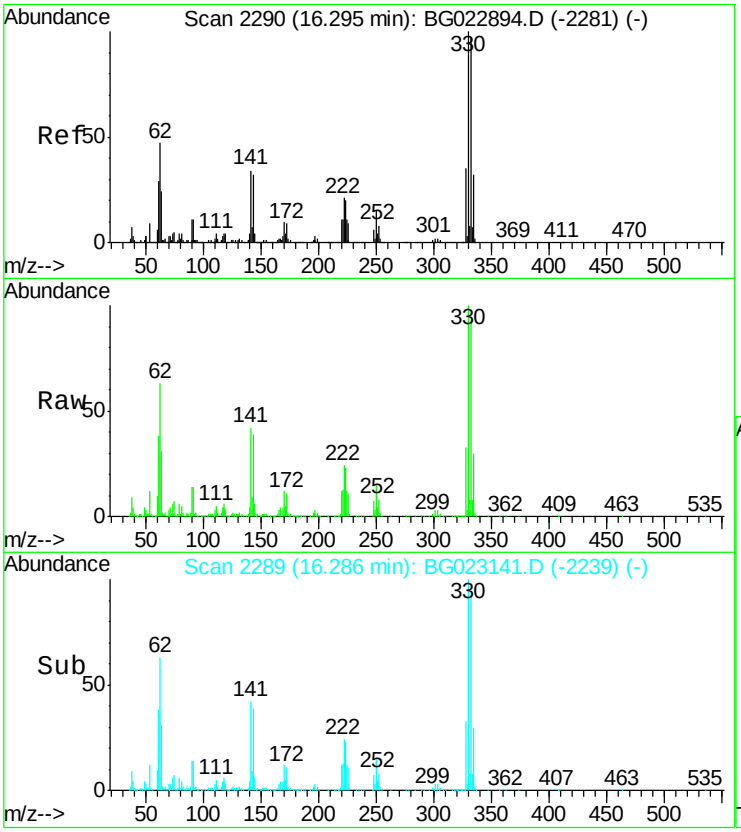


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG023141.D
Acq: 16 Jul 2016 10:58

Tgt Ion:164 Resp: 348992

Ion	Ratio	Lower	Upper
164	100		
162	102.9	87.7	131.5
160	41.6	37.2	55.8



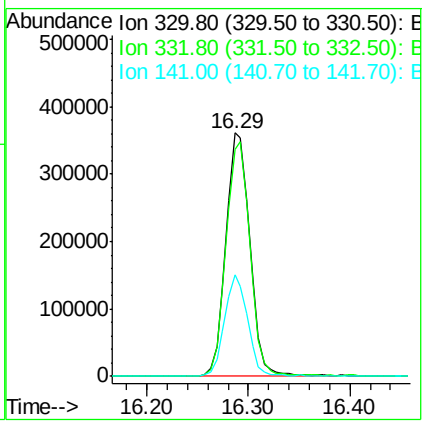


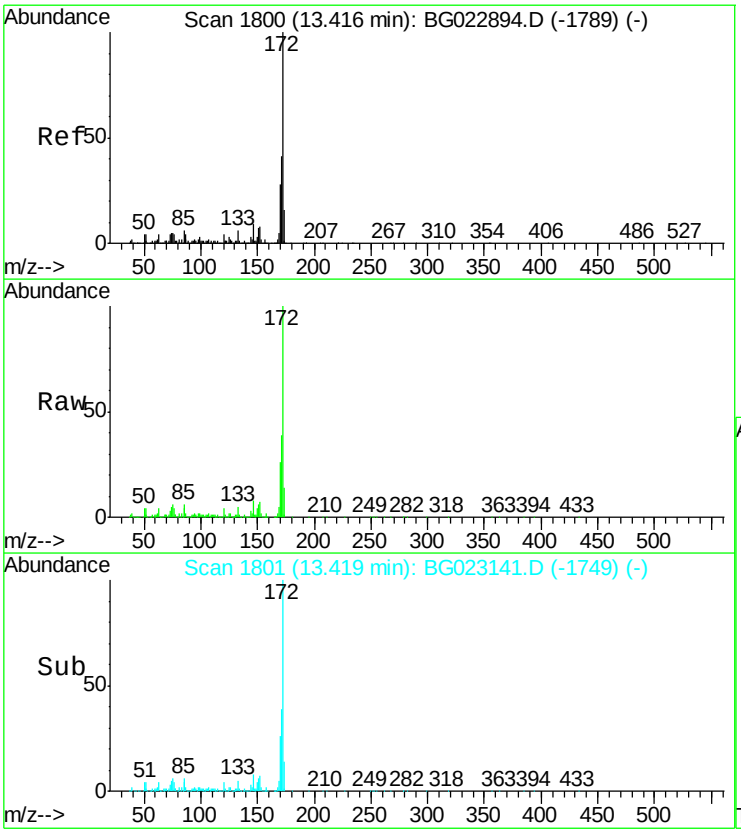
#41
2,4,6-Tribromophenol
Concen: 94.76 ng
RT: 16.29 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BG023141.D
Acq: 16 Jul 2016 10:58

Instrument :
BNA_G
ClientSampleId :
C5-17

Tgt Ion:330 Resp: 594356

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	39.9	31.7	47.5

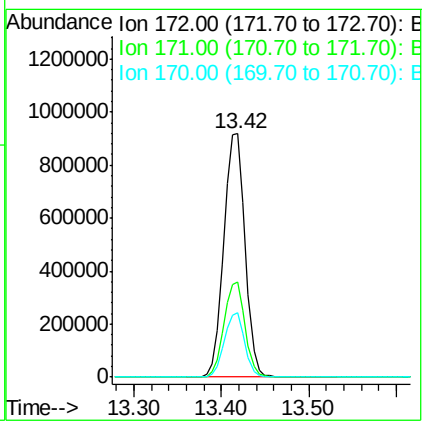


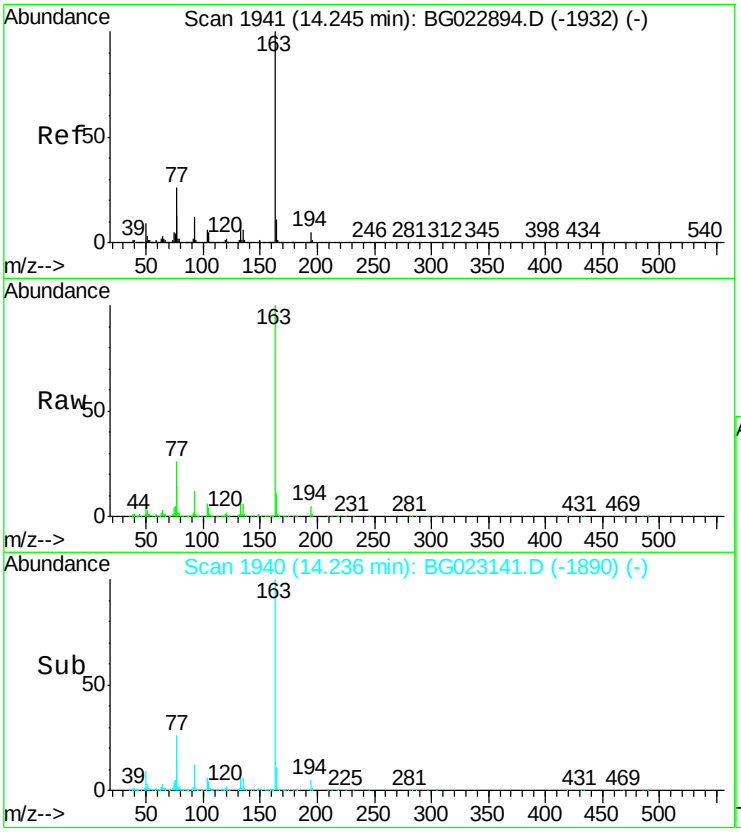


#44
2-Fluorobiphenyl
Concen: 69.50 ng
RT: 13.42 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BG023141.D
Acq: 16 Jul 2016 10:58

Tgt Ion:172 Resp: 1539884

Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.6	47.4
170	26.3	21.3	31.9



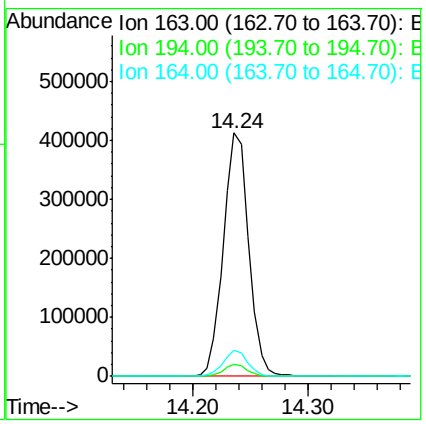


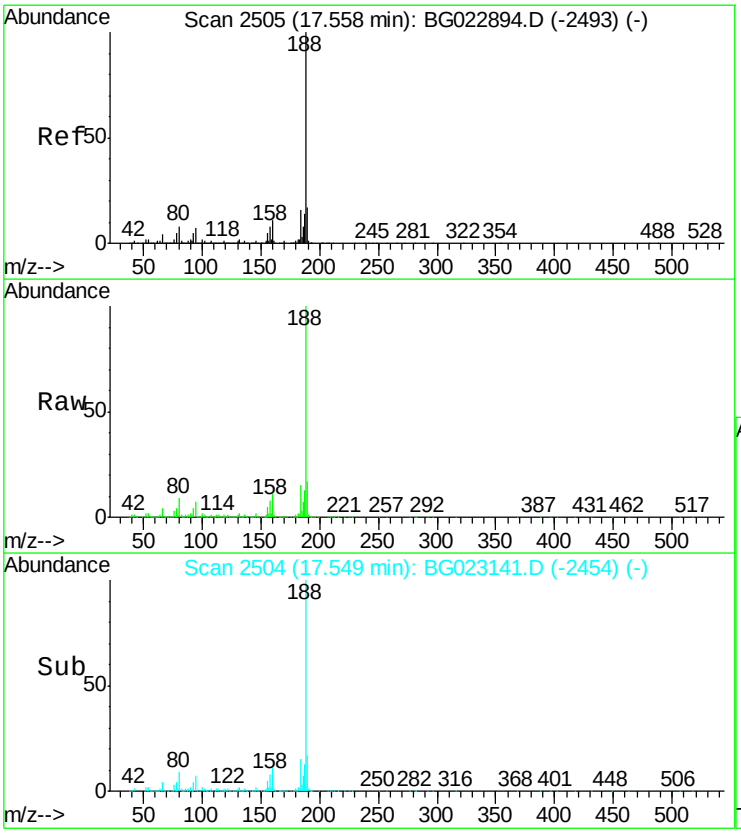
#49
Dimethylphthalate
Concen: 22.00 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG023141.D
Acq: 16 Jul 2016 10:58

Instrument :
BNA_G
ClientSampleId :
C5-17

Tgt Ion:163 Resp: 627067

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.6	5.4
164	10.8	8.1	12.1

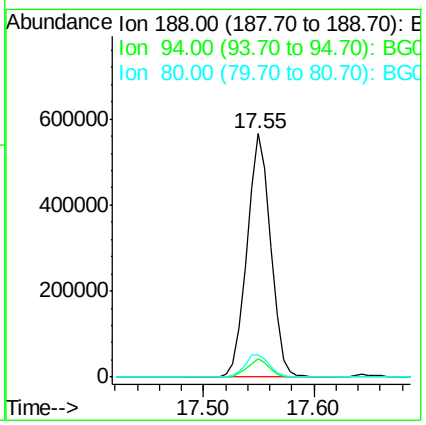


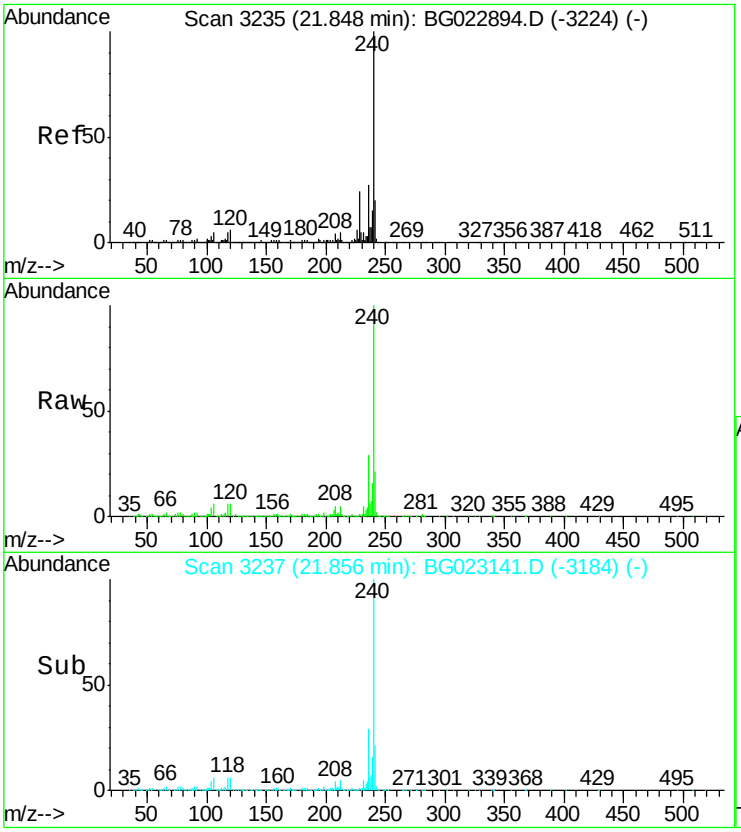


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG023141.D
Acq: 16 Jul 2016 10:58

Tgt Ion:188 Resp: 850391

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.2	7.8
80	9.2	7.2	10.8



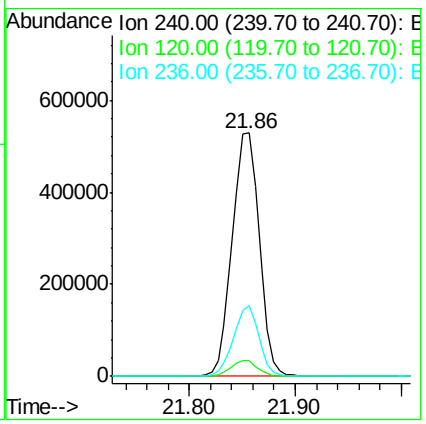


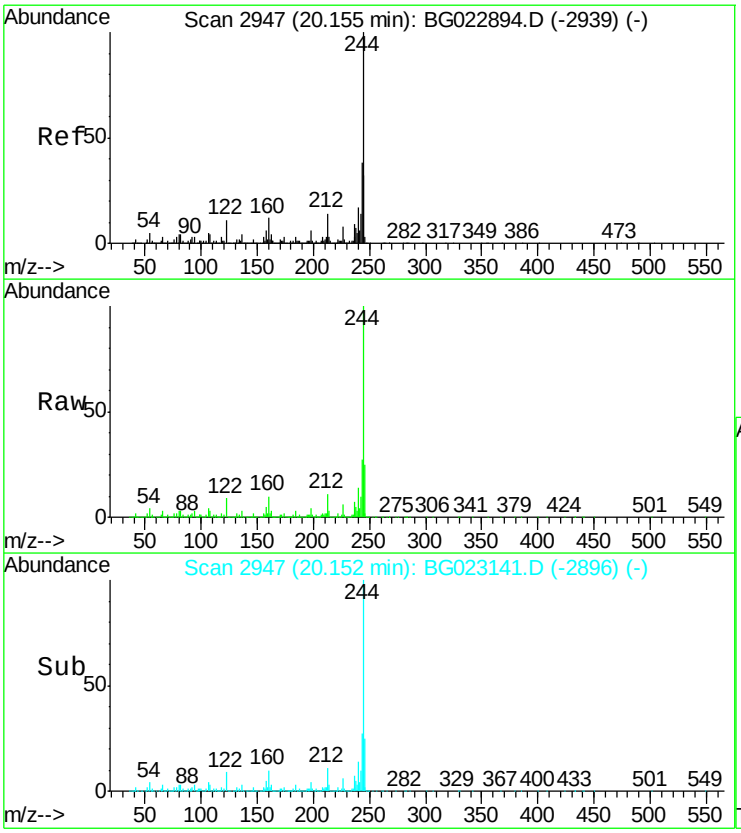
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3237
Delta R.T. 0.01 min
Lab File: BG023141.D
Acq: 16 Jul 2016 10:58

Instrument :
BNA_G
ClientSampleId :
C5-17

Tgt Ion:240 Resp: 936850

Ion	Ratio	Lower	Upper
240	100		
120	6.4	4.1	6.1#
236	29.2	21.1	31.7

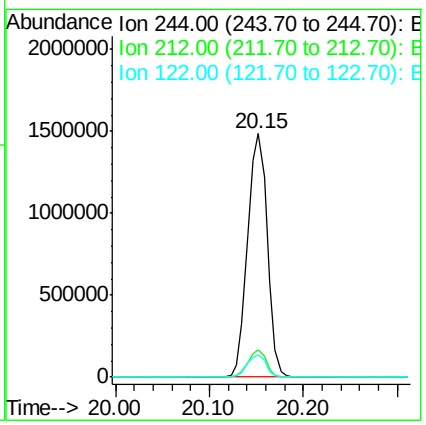


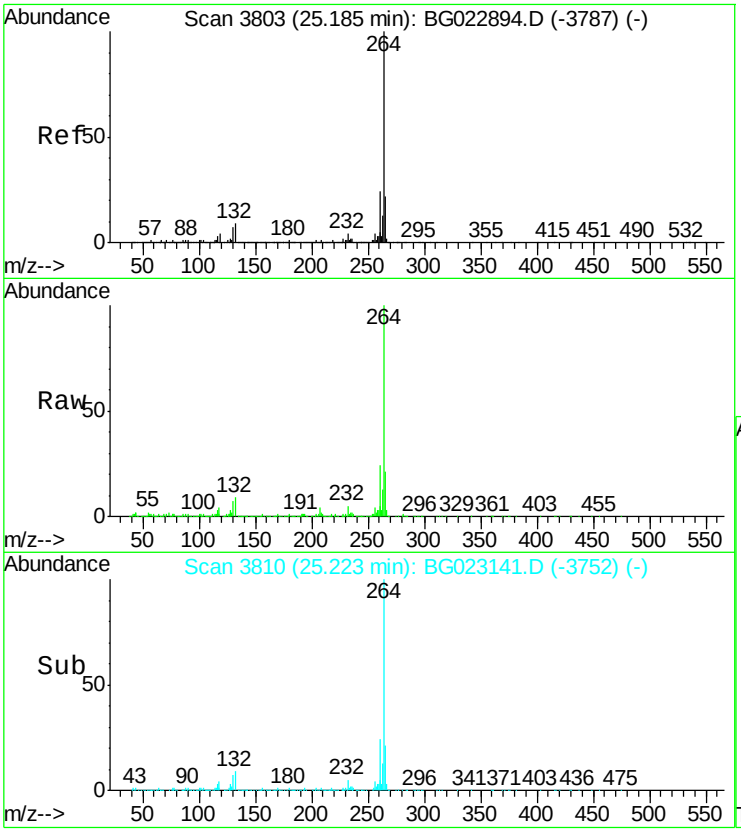


#78
Terphenyl-d14
Concen: 67.38 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG023141.D
Acq: 16 Jul 2016 10:58

Tgt Ion:244 Resp: 2155712

Ion	Ratio	Lower	Upper
244	100		
212	11.3	10.8	16.2
122	9.1	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.22 min Scan# 3810
Delta R.T. 0.04 min
Lab File: BG023141.D
Acq: 16 Jul 2016 10:58

Instrument :
BNA_G
ClientSampleId :
C5-17

Tgt Ion:264 Resp: 933724

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	20.7	18.9	28.3