Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
Data File : BG023131.D
Acq On : 16 Jul 2016 4:16
Operator : UM/SJ
Sample : H4045-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : H10-B3(6-12)C

Quant Time: Jul 16 05:13:03 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	91213	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	437767	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	341186	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	821631	20.00	ng	0.00
75) Chrysene-d12	21.85	240	880208	20.00	ng	0.00
86) Perylene-d12	25.23	264	888356	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	814878	146.11	ng	0.00
7) Phenol-d6	7.31	99	1310589	150.04	ng	0.00
23) Nitrobenzene-d5	9.33	82	969605	94.84	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	698999	113.99	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1793527	82.80	ng	0.00
78) Terphenyl-d14	20.16	244	2353839	84.71	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.24	163	497604	17.85	ng	99

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

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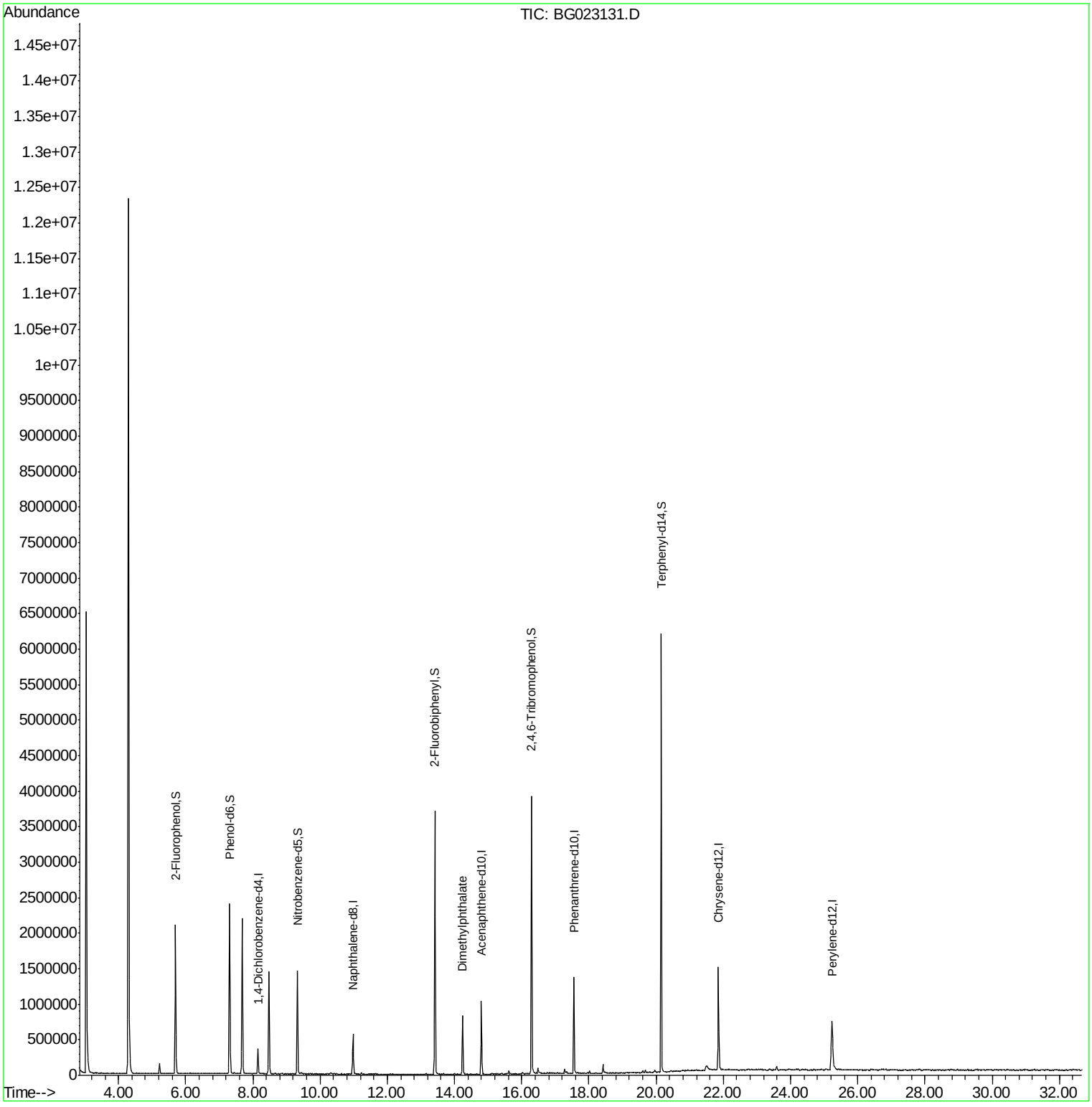
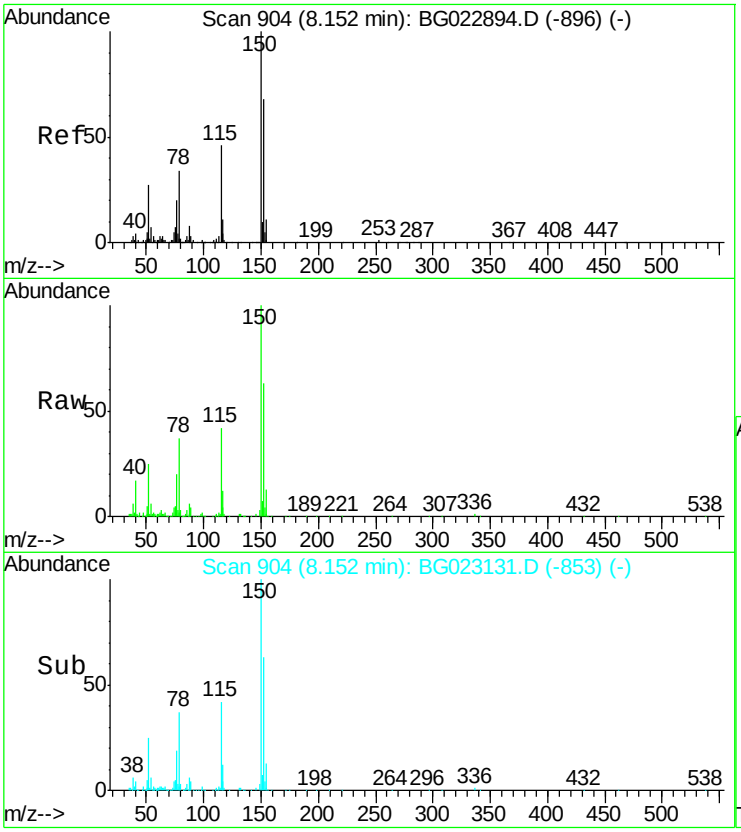


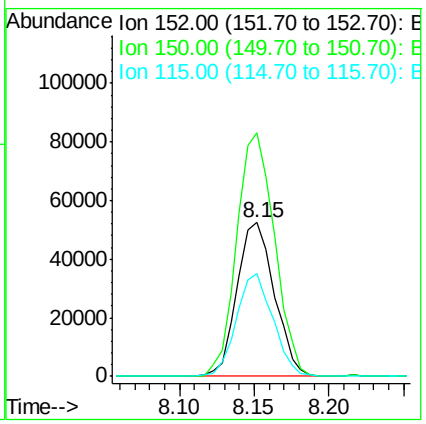


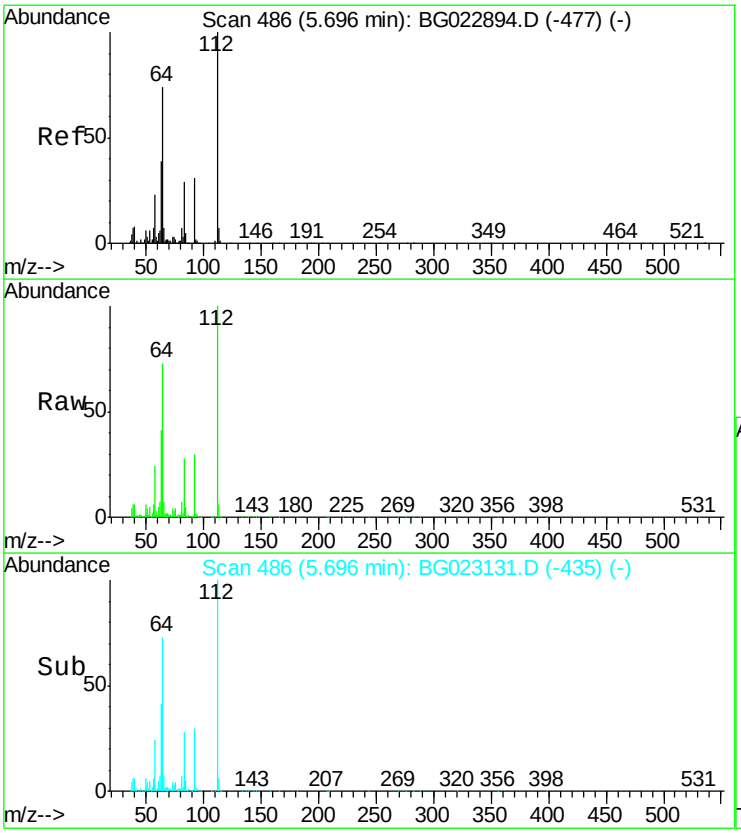
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. 0.00 min
Lab File: BG023131.D
Acq: 16 Jul 2016 4:16

Instrument :
BNA_G
ClientSampleId :
H10-B3(6-12)C

Tgt Ion:152 Resp: 91213

Ion	Ratio	Lower	Upper
152	100		
150	158.5	144.7	217.1
115	66.6	64.0	96.0

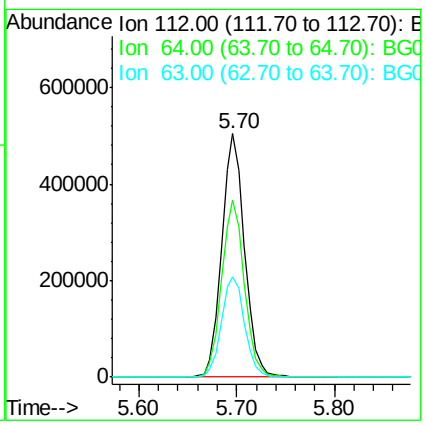


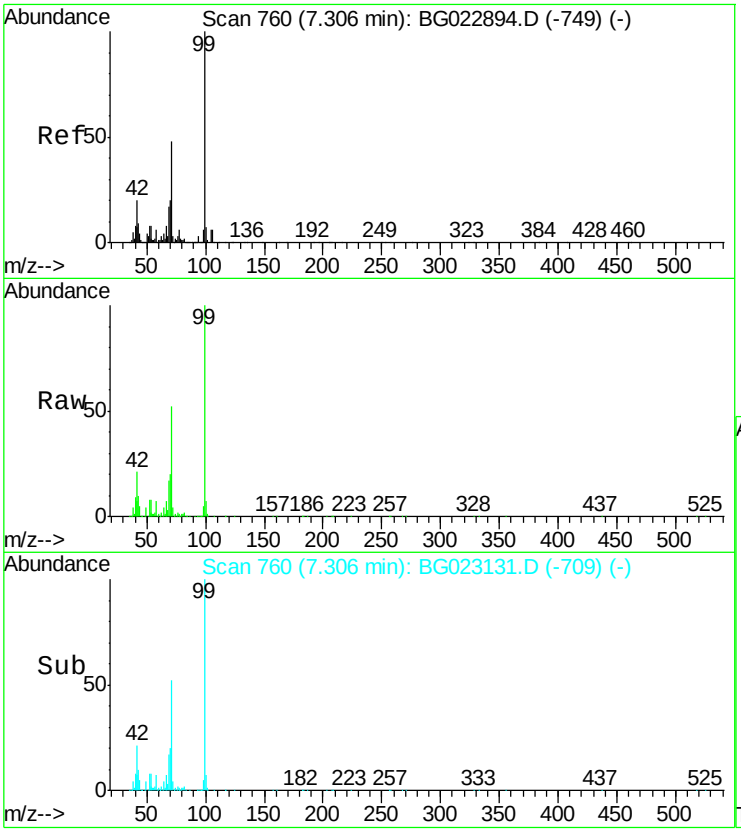


#5
2-Fluorophenol
Concen: 146.11 ng
RT: 5.70 min Scan# 486
Delta R.T. 0.00 min
Lab File: BG023131.D
Acq: 16 Jul 2016 4:16

Tgt Ion:112 Resp: 814878

Ion	Ratio	Lower	Upper
112	100		
64	72.9	59.0	88.4
63	41.1	37.8	56.8



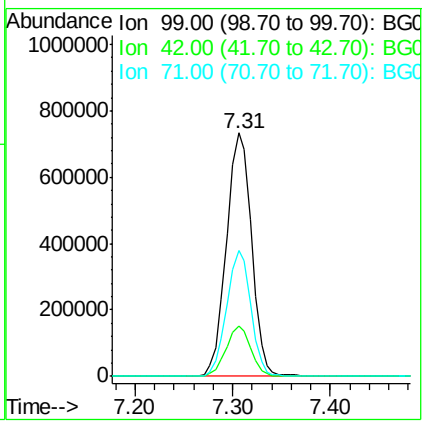


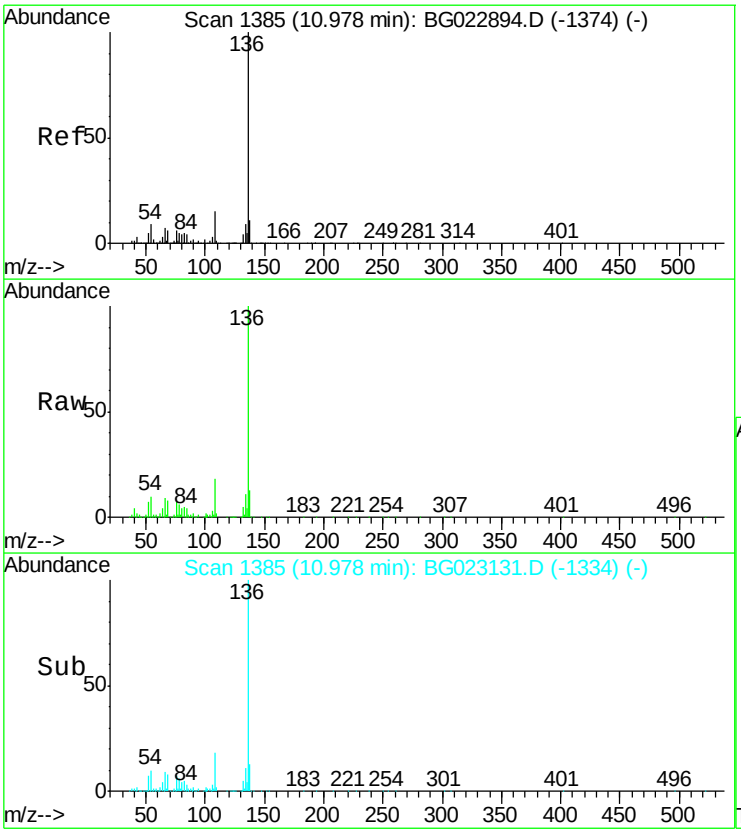
#7
Phenol-d6
Concen: 150.04 ng
RT: 7.31 min Scan# 760
Delta R.T. 0.00 min
Lab File: BG023131.D
Acq: 16 Jul 2016 4:16

Instrument :
BNA_G
ClientSampleId :
H10-B3(6-12)C

Tgt Ion: 99 Resp: 1310589

Ion	Ratio	Lower	Upper
99	100		
42	20.5	17.8	26.6
71	51.6	41.5	62.3

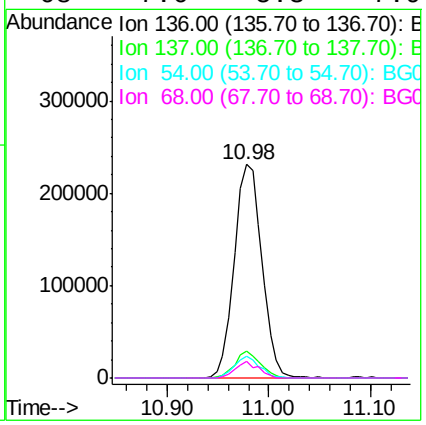


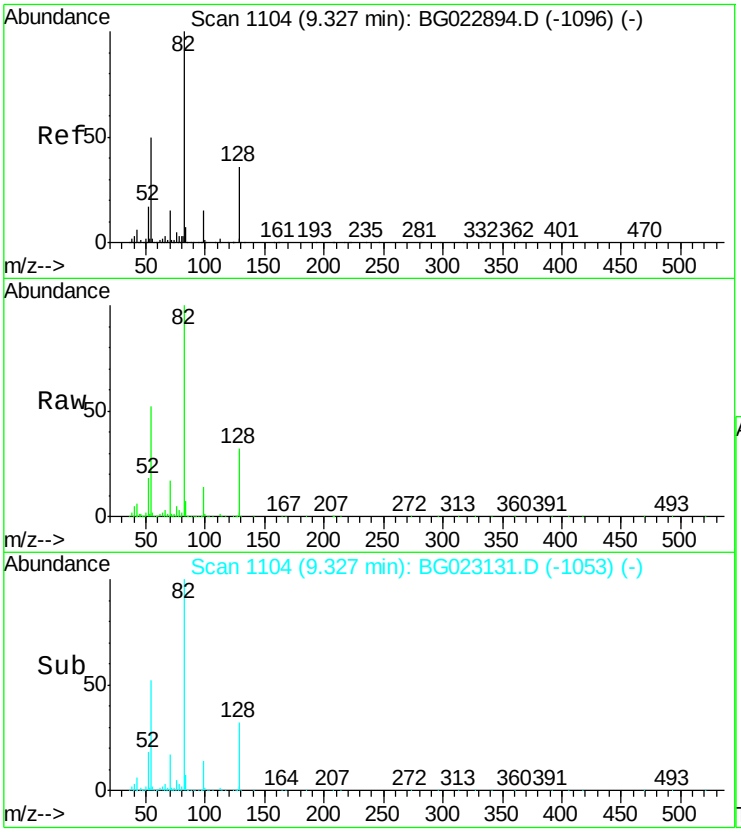


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BG023131.D
Acq: 16 Jul 2016 4:16

Tgt Ion:136 Resp: 437767

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.6	14.4
54	10.4	7.3	10.9
68	7.6	5.3	7.9



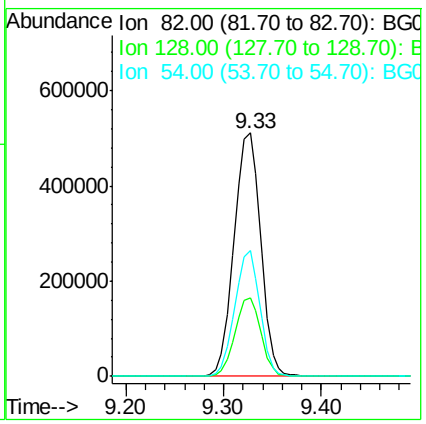


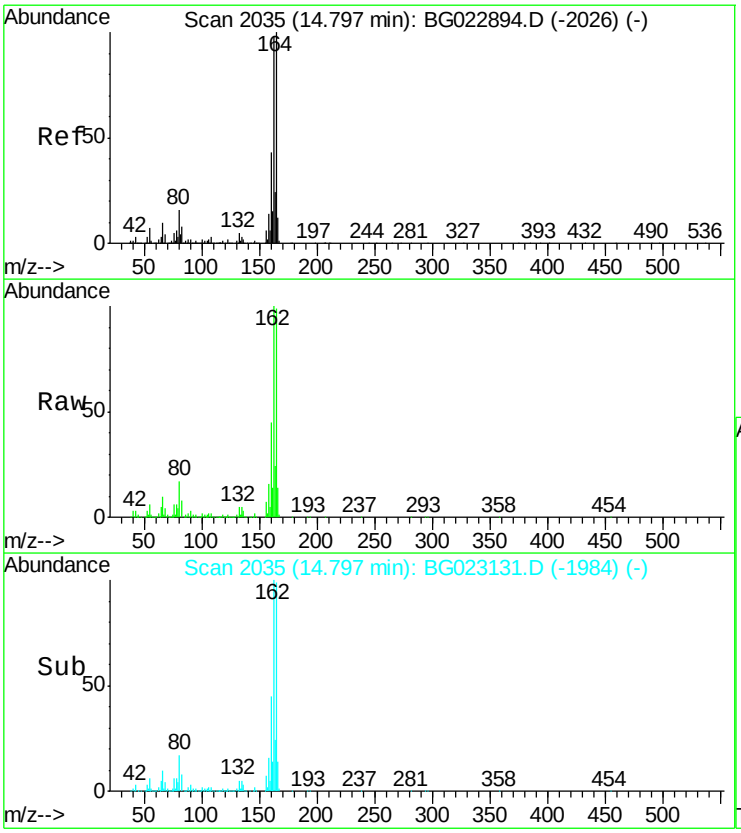
#23
Nitrobenzene-d5
Concen: 94.84 ng
RT: 9.33 min Scan# 1104
Delta R.T. 0.00 min
Lab File: BG023131.D
Acq: 16 Jul 2016 4:16

Instrument :
BNA_G
ClientSampleId :
H10-B3(6-12)C

Tgt Ion: 82 Resp: 969605

Ion	Ratio	Lower	Upper
82	100		
128	32.3	24.4	36.6
54	51.7	41.4	62.0

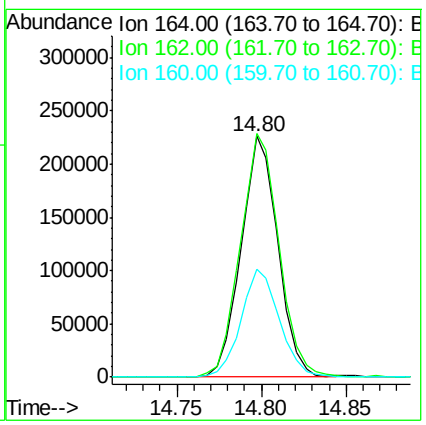


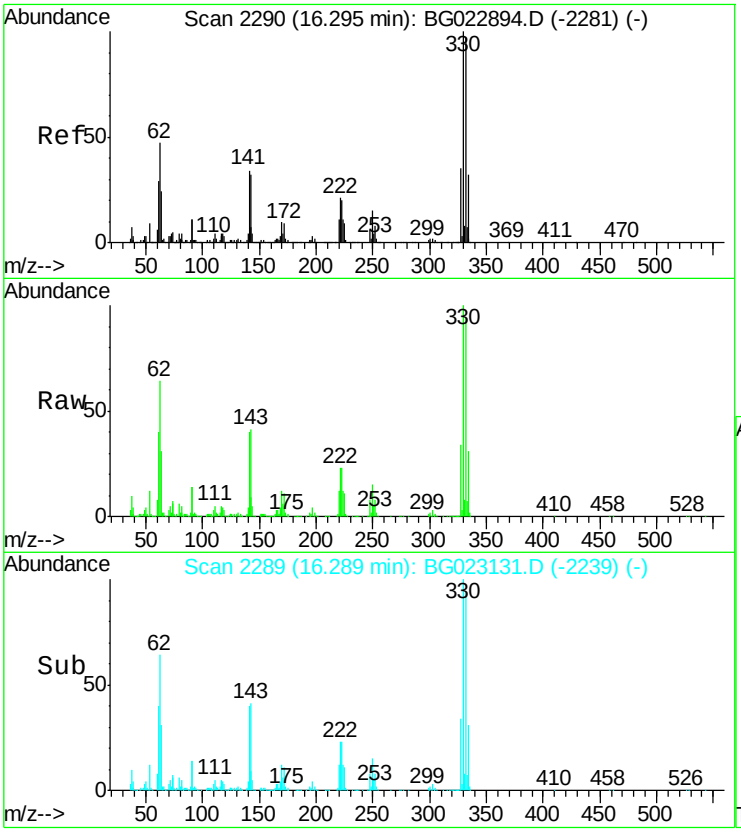


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BG023131.D
Acq: 16 Jul 2016 4:16

Tgt Ion:164 Resp: 341186

Ion	Ratio	Lower	Upper
164	100		
162	101.0	87.7	131.5
160	45.0	37.2	55.8



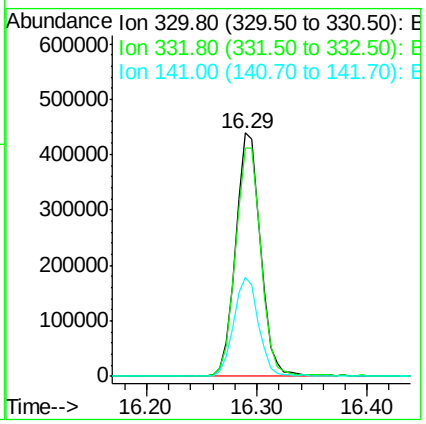


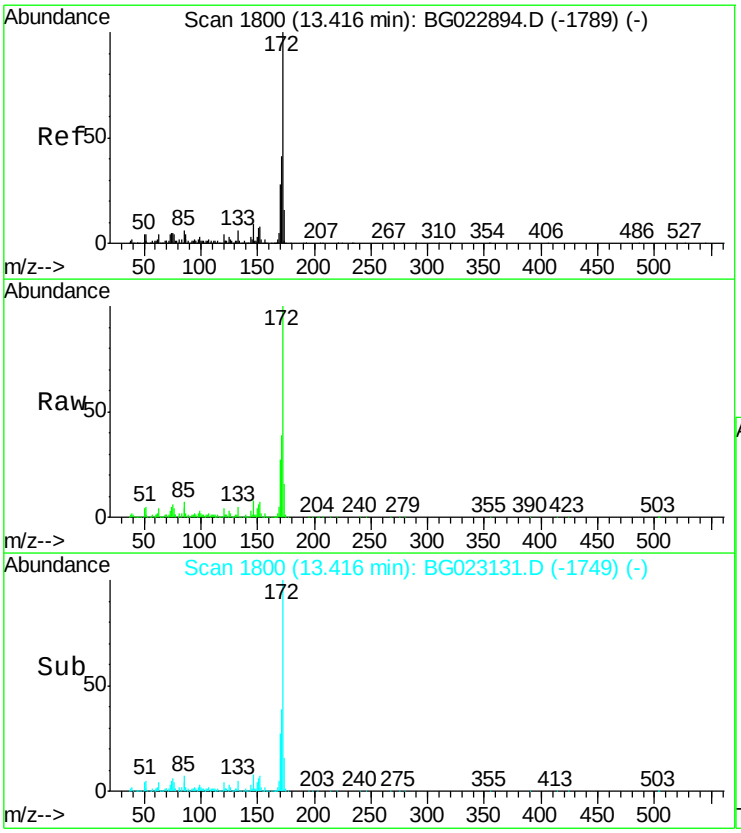
#41
2,4,6-Tribromophenol
Concen: 113.99 ng
RT: 16.29 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BG023131.D
Acq: 16 Jul 2016 4:16

Instrument :
BNA_G
ClientSampleId :
H10-B3(6-12)C

Tgt Ion:330 Resp: 698999

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.4	116.2
141	40.5	31.7	47.5

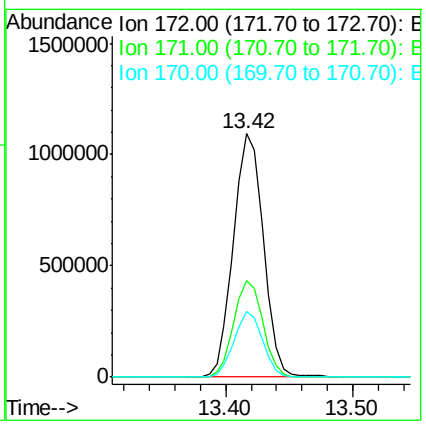


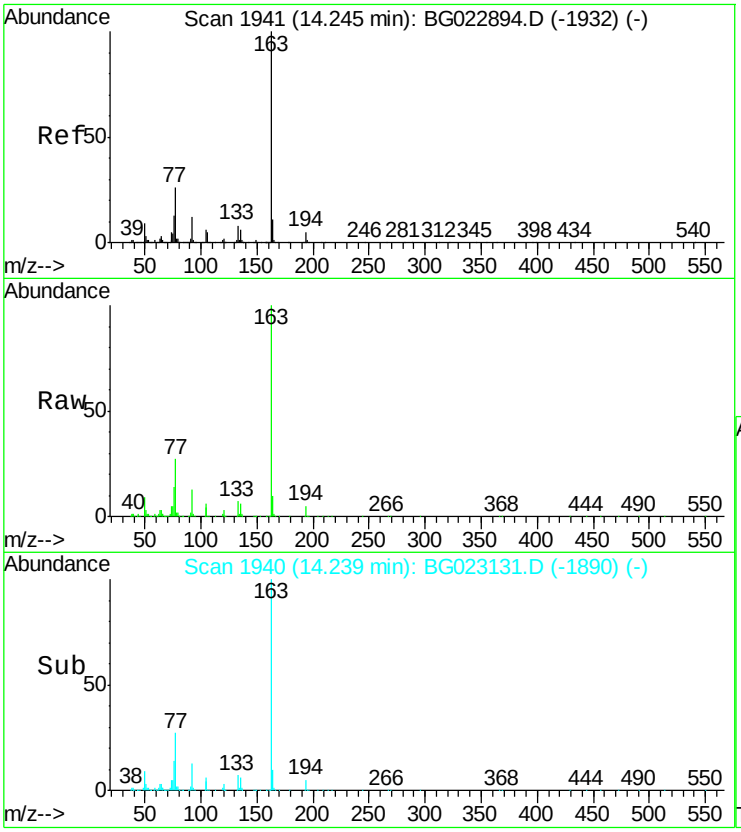


#44
2-Fluorobiphenyl
Concen: 82.80 ng
RT: 13.42 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BG023131.D
Acq: 16 Jul 2016 4:16

Tgt Ion:172 Resp: 1793527

Ion	Ratio	Lower	Upper
172	100		
171	39.5	31.6	47.4
170	26.8	21.3	31.9



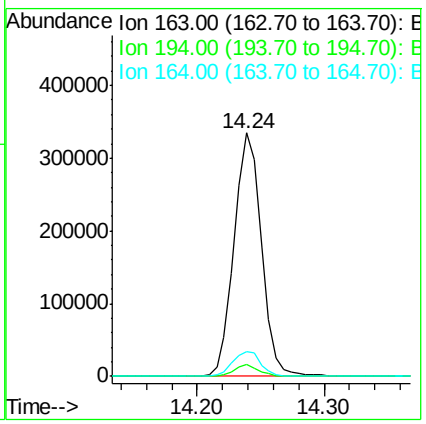


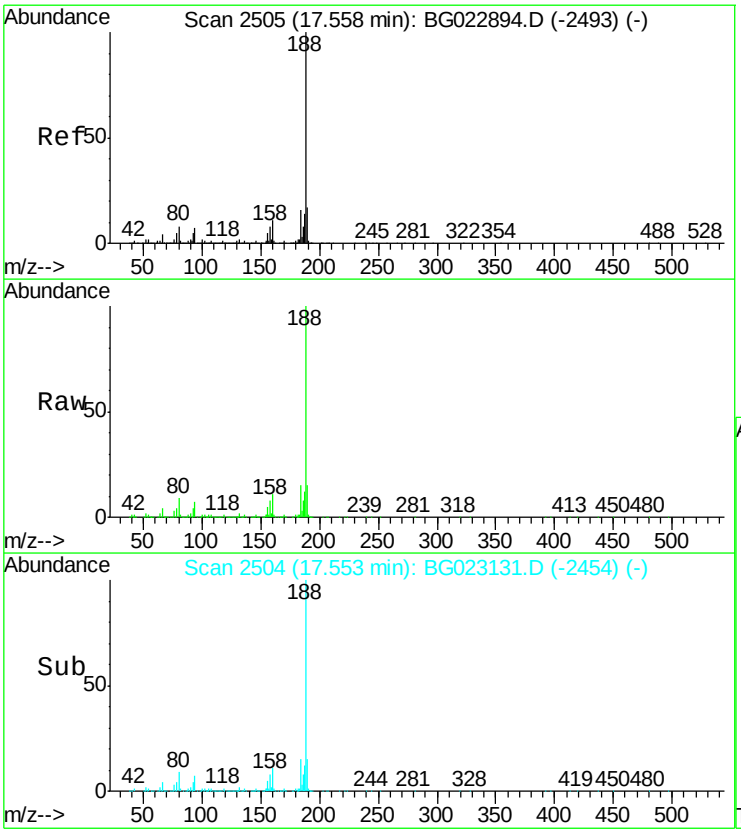
#49
Dimethylphthalate
Concen: 17.85 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG023131.D
Acq: 16 Jul 2016 4:16

Instrument :
BNA_G
ClientSampleId :
H10-B3(6-12)C

Tgt Ion:163 Resp: 497604

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.6	5.4
164	10.2	8.1	12.1

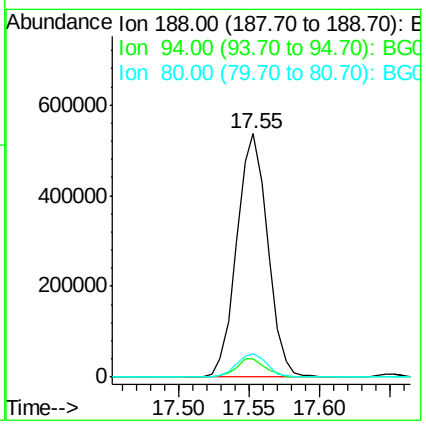


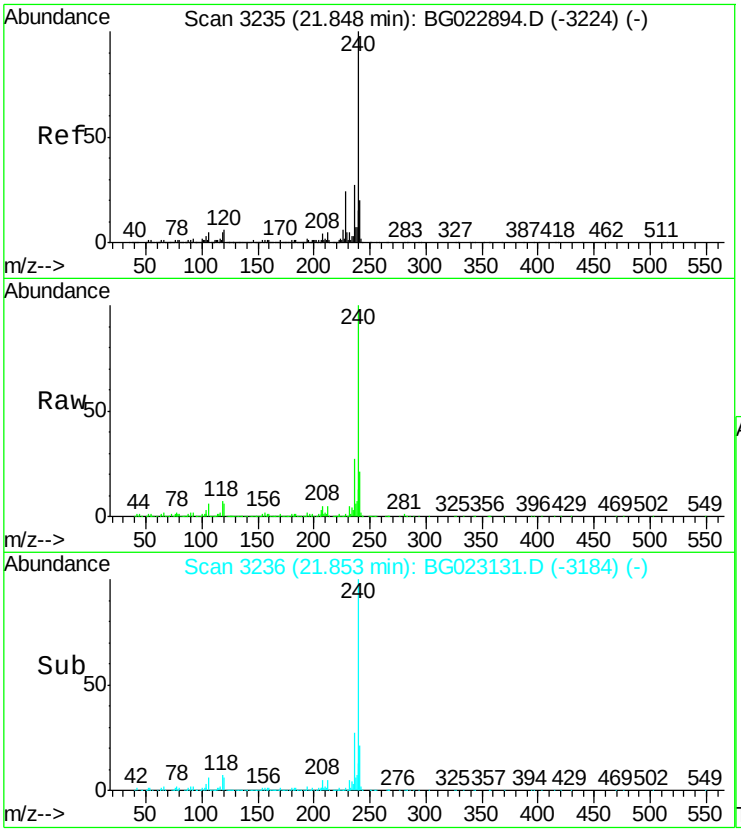


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG023131.D
Acq: 16 Jul 2016 4:16

Tgt Ion:188 Resp: 821631

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.2	7.8
80	9.4	7.2	10.8



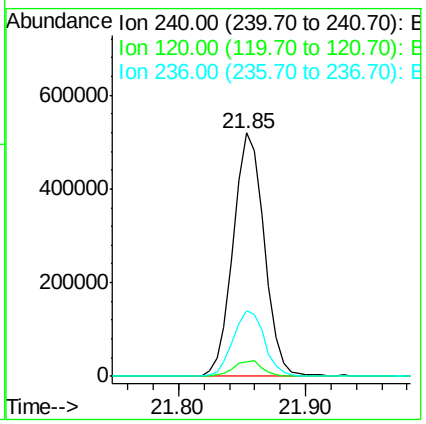


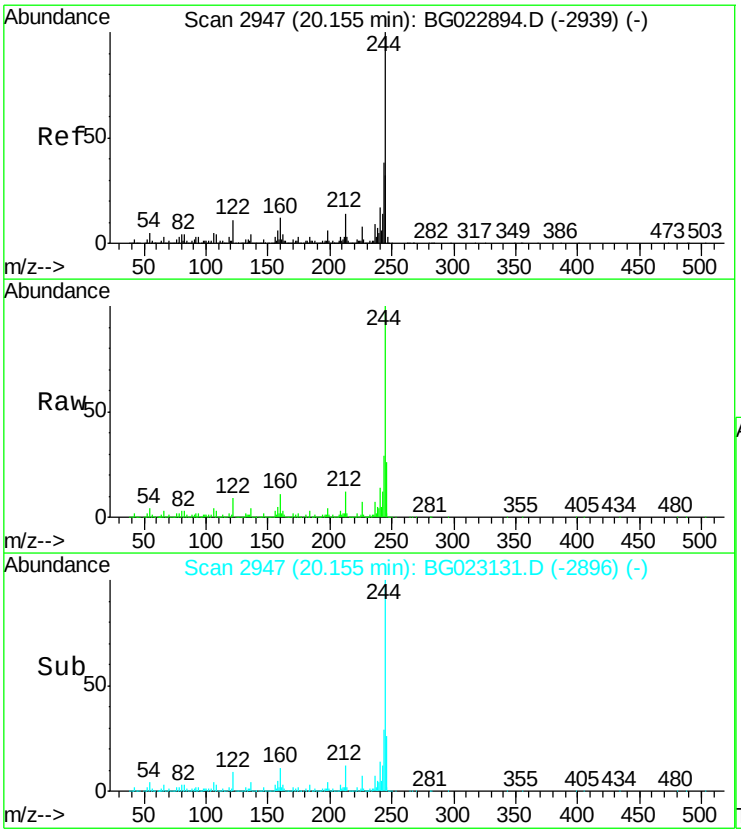
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.01 min
Lab File: BG023131.D
Acq: 16 Jul 2016 4:16

Instrument :
BNA_G
ClientSampleId :
H10-B3(6-12)C

Tgt Ion:240 Resp: 880208

Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.1	6.1
236	27.1	21.1	31.7

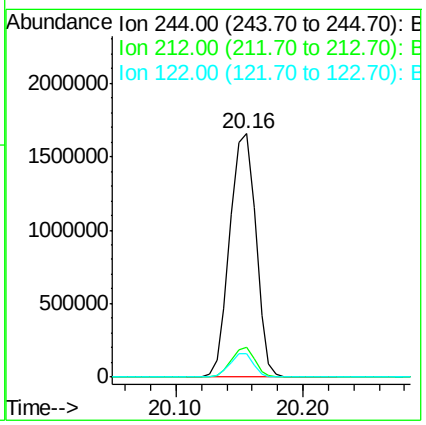


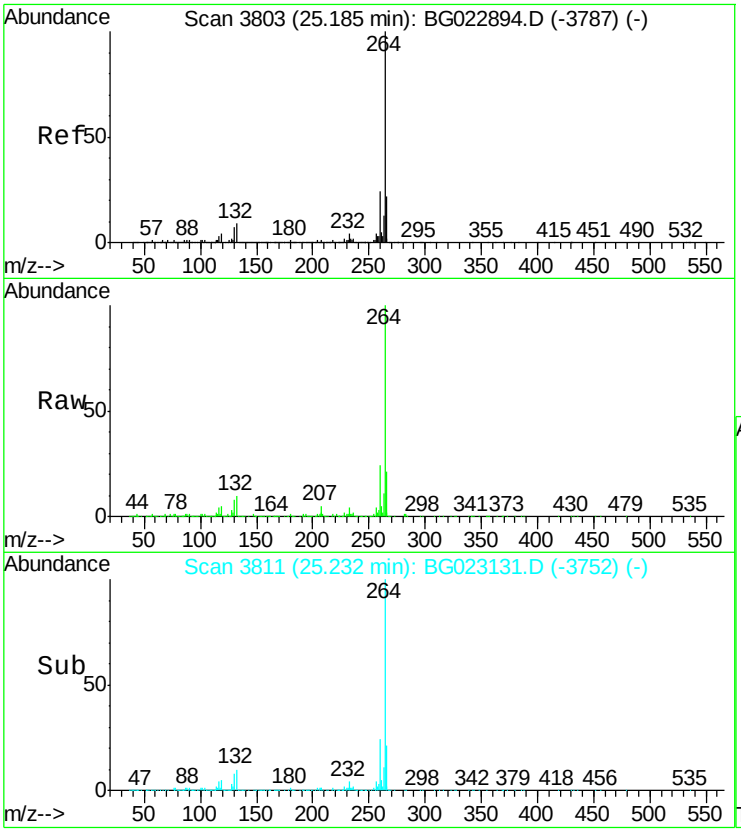


#78
Terphenyl-d14
Concen: 84.71 ng
RT: 20.16 min Scan# 2947
Delta R.T. 0.00 min
Lab File: BG023131.D
Acq: 16 Jul 2016 4:16

Tgt Ion:244 Resp: 2353839

Ion	Ratio	Lower	Upper
244	100		
212	12.5	10.8	16.2
122	9.4	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.23 min Scan# 3811
Delta R.T. 0.05 min
Lab File: BG023131.D
Acq: 16 Jul 2016 4:16

Instrument :
BNA_G
ClientSampleId :
H10-B3(6-12)C

Tgt Ion:264 Resp: 888356

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	21.2	18.9	28.3