Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
Data File : BG022992.D
Acq On : 10 Jul 2016 9:29
Operator : UM/SJ
Sample : H3921-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : N8-B4(6-12)C

Quant Time: Jul 11 02:35:44 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	111438	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	526244	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	390823	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	856873	20.00	ng	0.00
75) Chrysene-d12	21.85	240	937001	20.00	ng	0.00
86) Perylene-d12	25.20	264	958390	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	866004	127.10	ng	0.00
7) Phenol-d6	7.30	99	1384555	129.74	ng	0.00
23) Nitrobenzene-d5	9.33	82	1006523	81.90	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	694833	98.92	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1805612	72.77	ng	0.00
78) Terphenyl-d14	20.15	244	2360843	77.15	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.24	163	321344	10.07	ng	99

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

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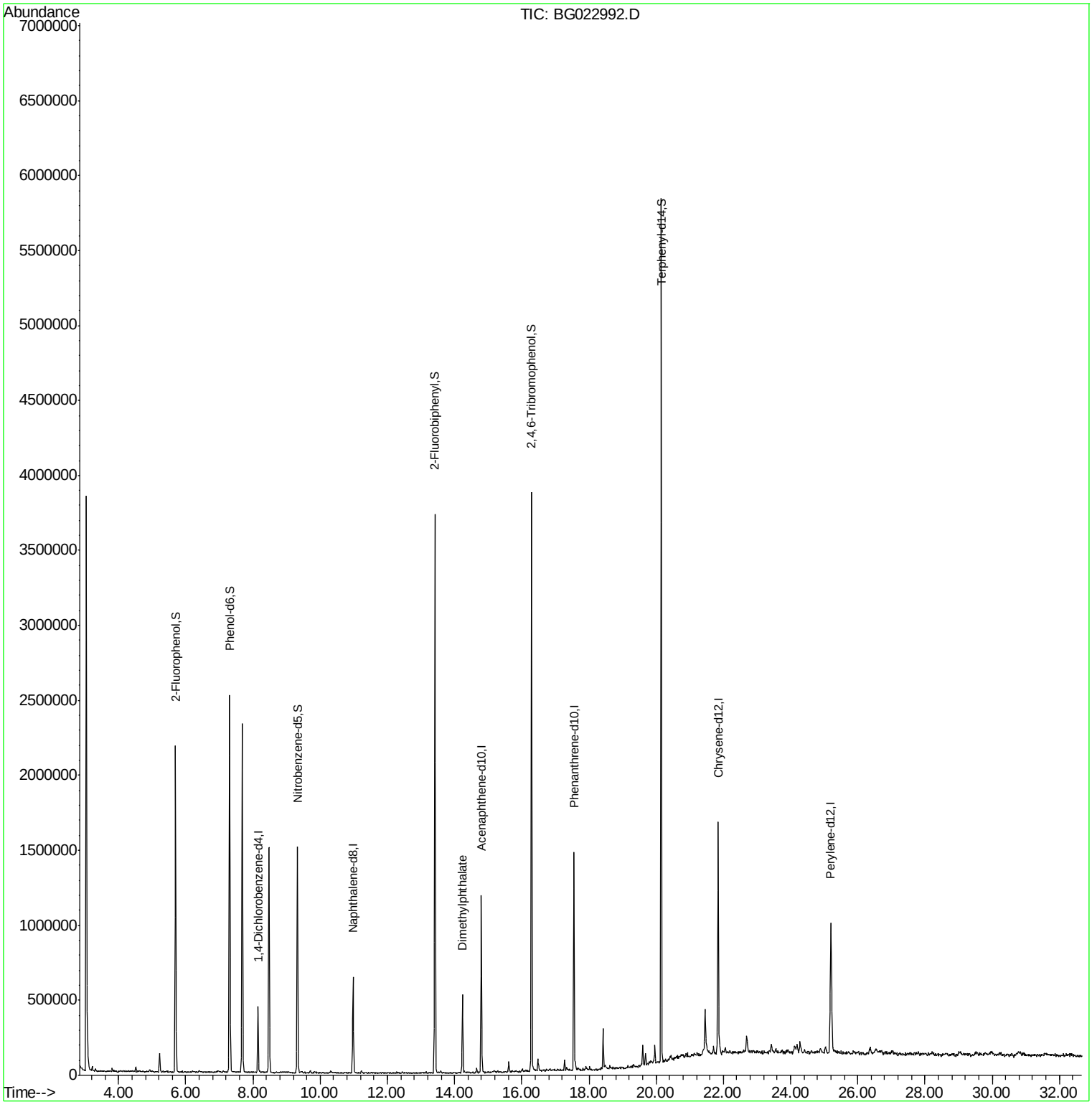
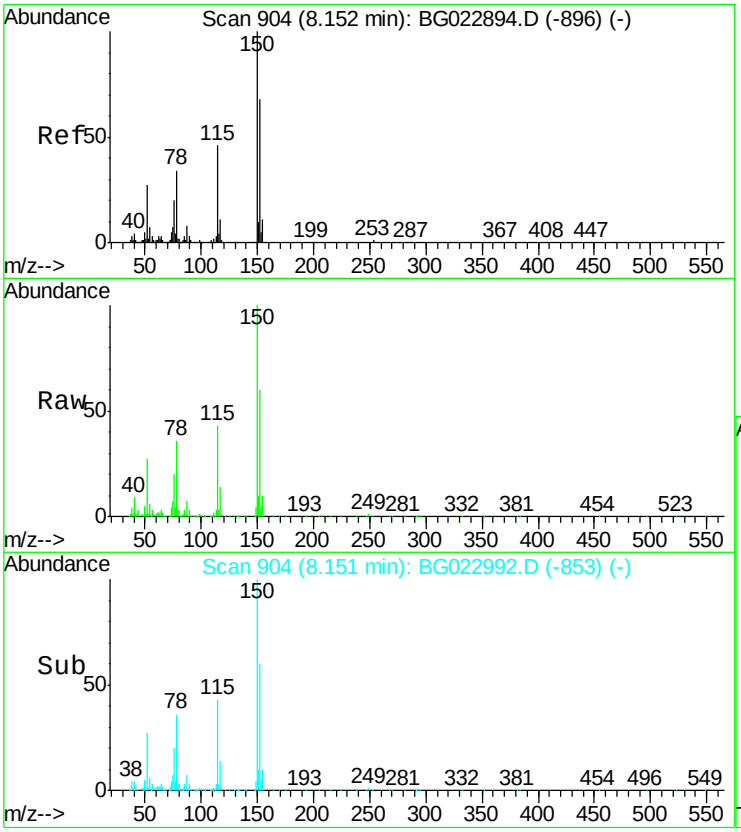


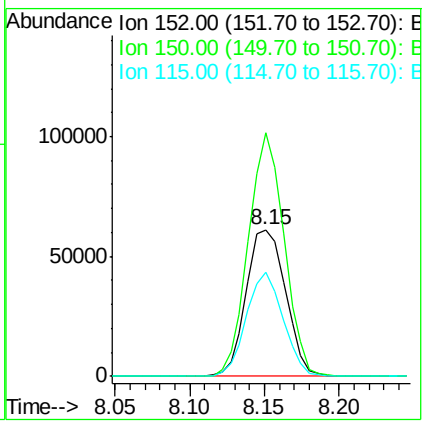


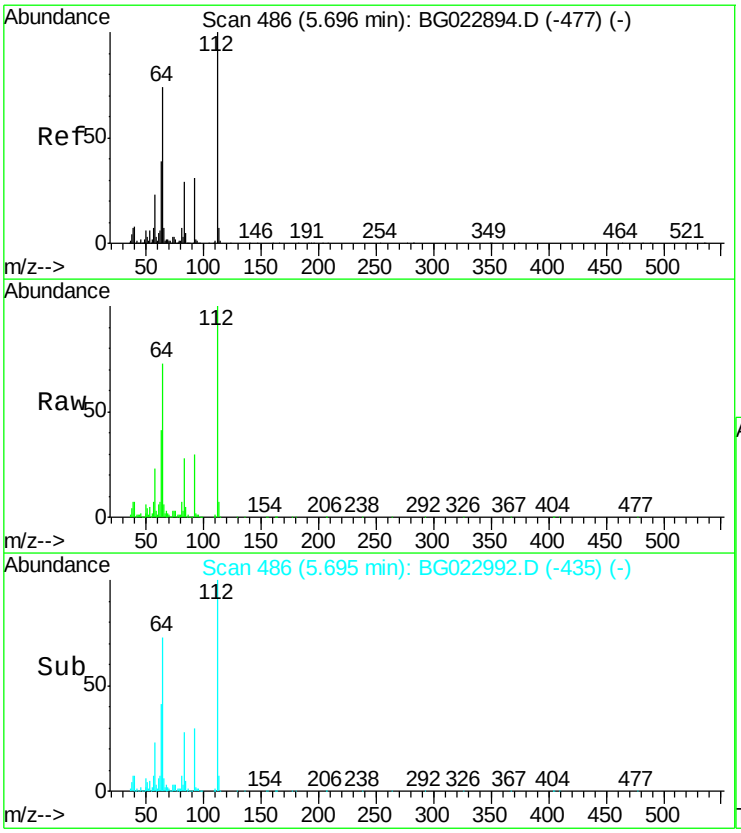
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG022992.D
Acq: 10 Jul 2016 9:29

Instrument :
BNA_G
ClientSampleId :
N8-B4(6-12)C

Tgt Ion:152 Resp: 111438

Ion	Ratio	Lower	Upper
152	100		
150	165.7	144.7	217.1
115	70.8	64.0	96.0

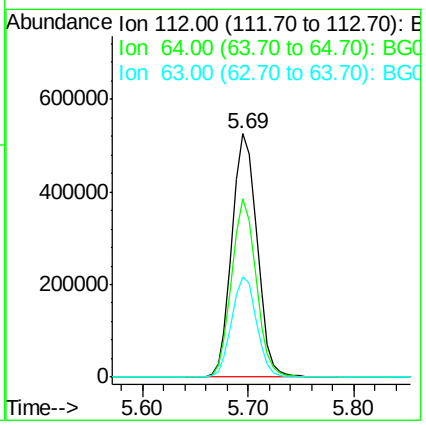


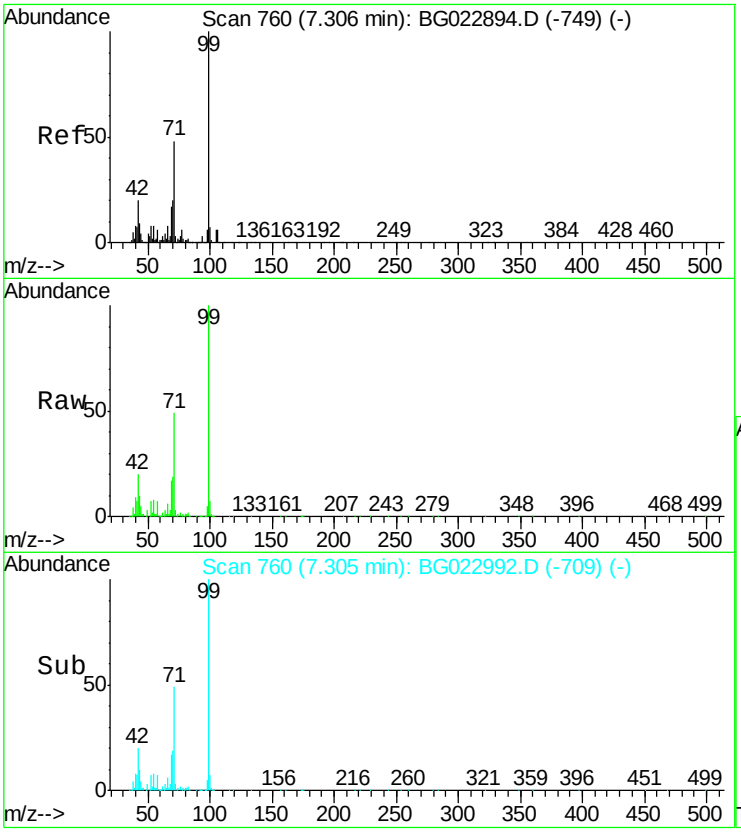


#5
2-Fluorophenol
Concen: 127.10 ng
RT: 5.69 min Scan# 486
Delta R.T. -0.00 min
Lab File: BG022992.D
Acq: 10 Jul 2016 9:29

Tgt Ion:112 Resp: 866004

Ion	Ratio	Lower	Upper
112	100		
64	73.1	59.0	88.4
63	40.9	37.8	56.8



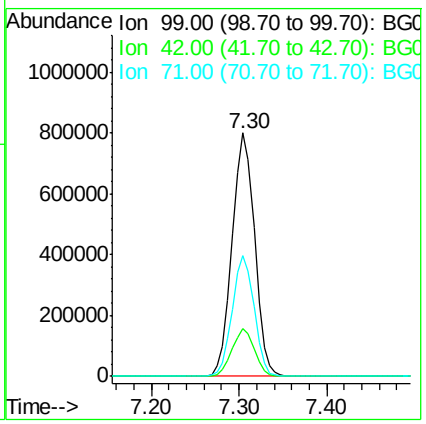


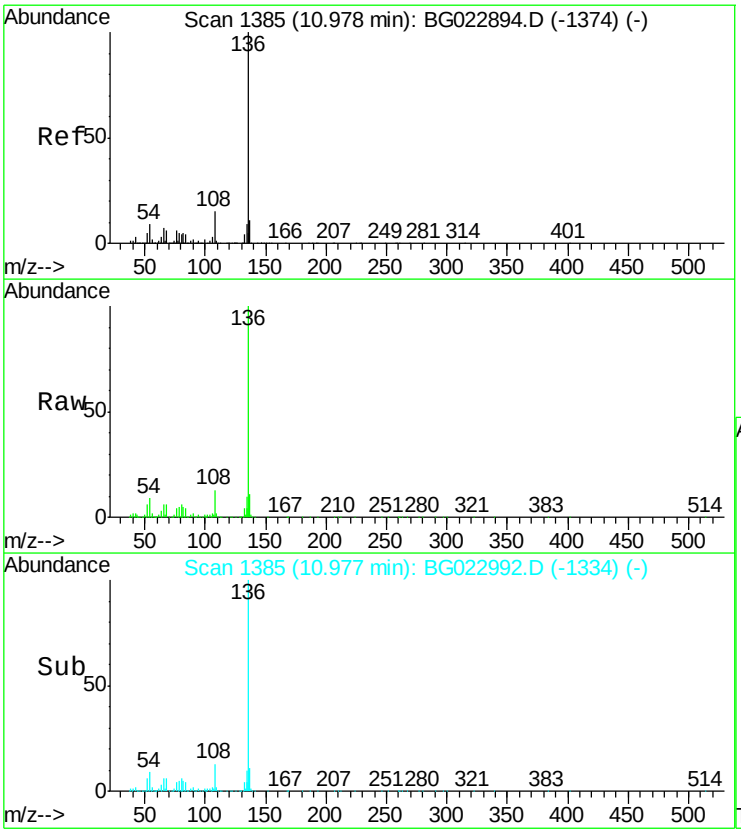
#7
Phenol-d6
Concen: 129.74 ng
RT: 7.30 min Scan# 760
Delta R.T. -0.00 min
Lab File: BG022992.D
Acq: 10 Jul 2016 9:29

Instrument :
BNA_G
ClientSampleId :
N8-B4(6-12)C

Tgt Ion: 99 Resp: 1384555

Ion	Ratio	Lower	Upper
99	100		
42	19.5	17.8	26.6
71	49.3	41.5	62.3

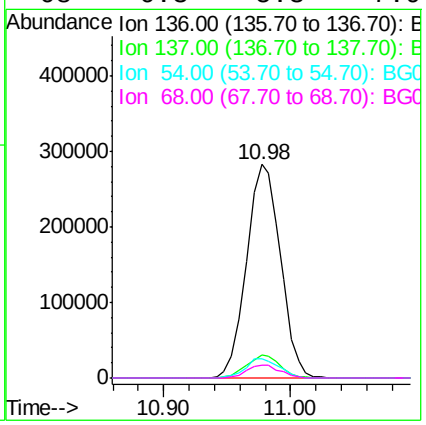


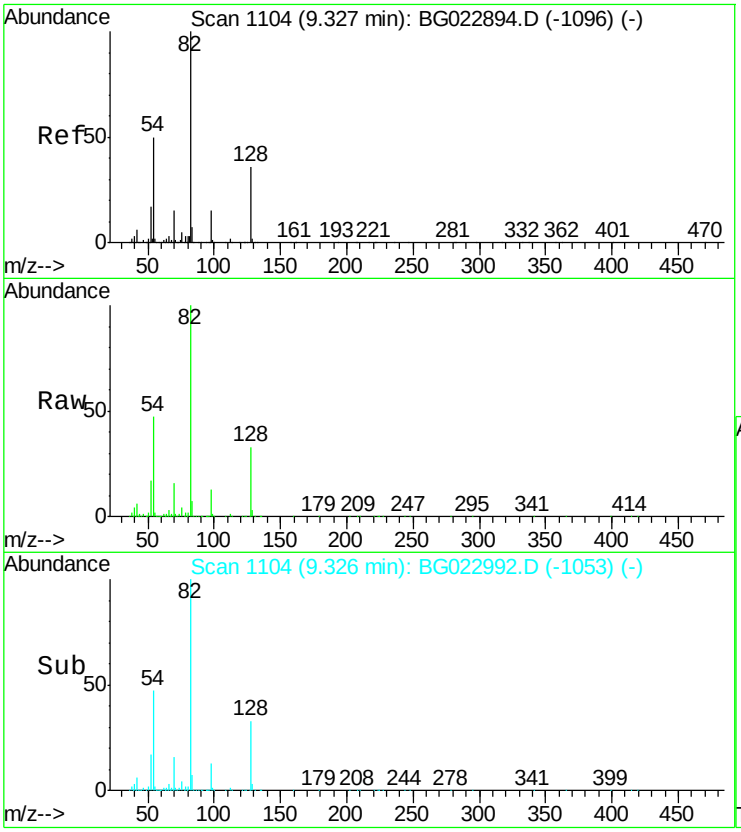


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG022992.D
Acq: 10 Jul 2016 9:29

Tgt Ion:136 Resp: 526244

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	8.8	7.3	10.9
68	6.3	5.3	7.9



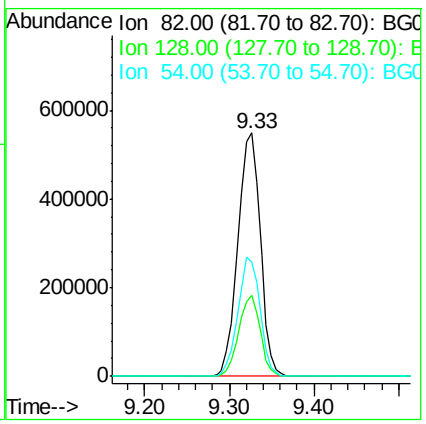


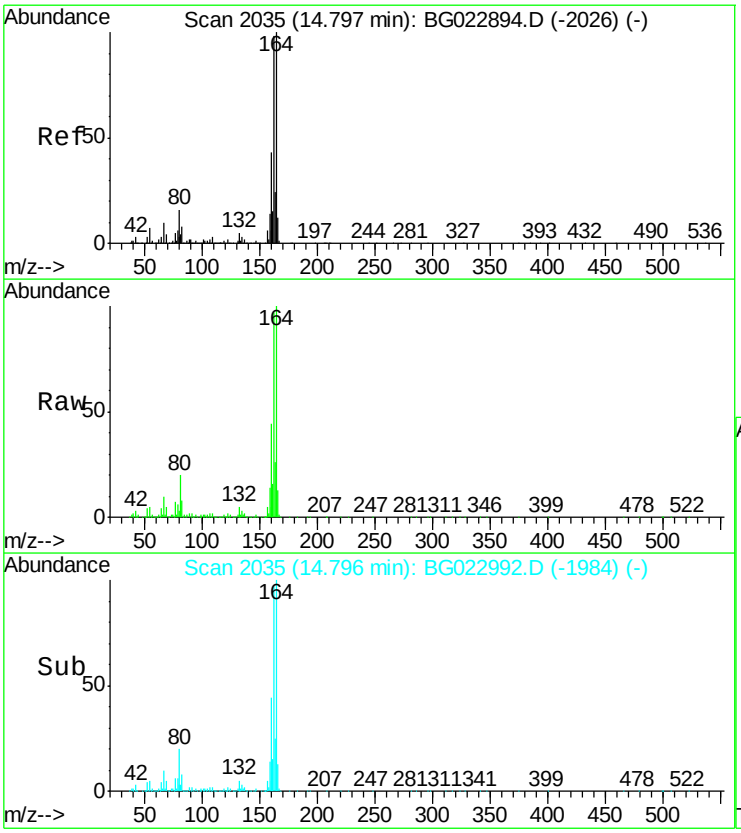
#23
Nitrobenzene-d5
Concen: 81.90 ng
RT: 9.33 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG022992.D
Acq: 10 Jul 2016 9:29

Instrument :
BNA_G
ClientSampleId :
N8-B4(6-12)C

Tgt Ion: 82 Resp: 1006523

Ion	Ratio	Lower	Upper
82	100		
128	33.2	24.4	36.6
54	46.7	41.4	62.0

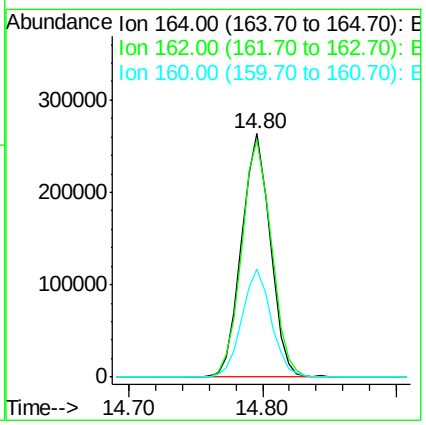


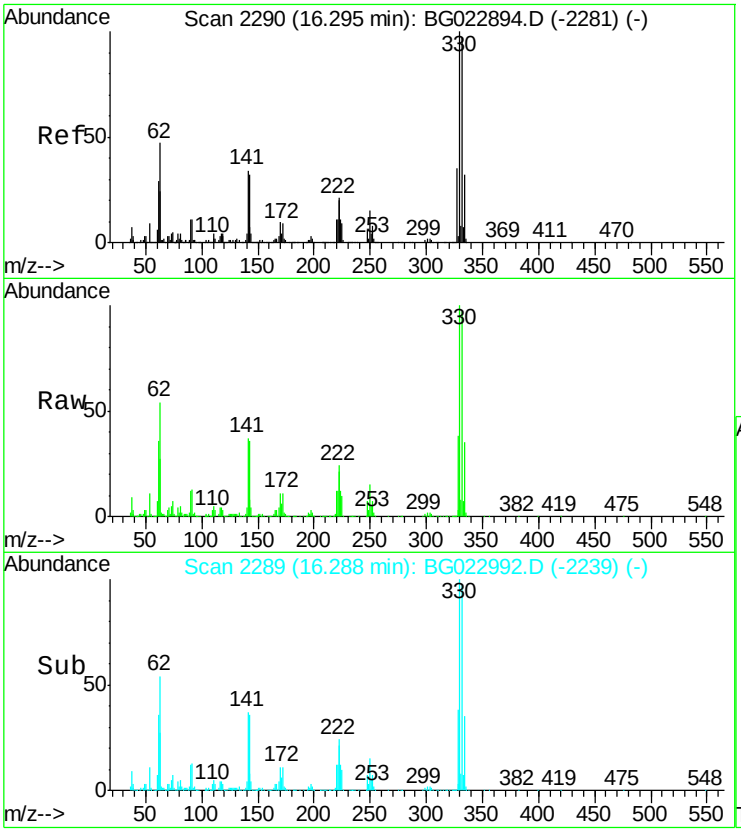


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG022992.D
Acq: 10 Jul 2016 9:29

Tgt Ion:164 Resp: 390823

Ion	Ratio	Lower	Upper
164	100		
162	97.3	87.7	131.5
160	44.2	37.2	55.8



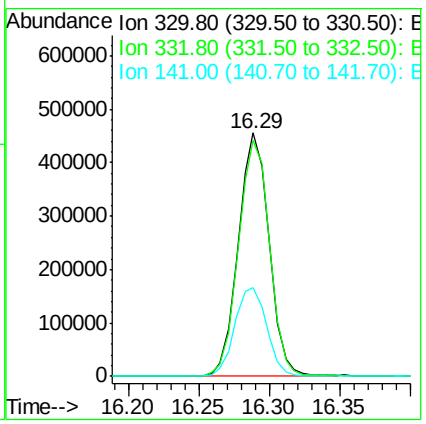


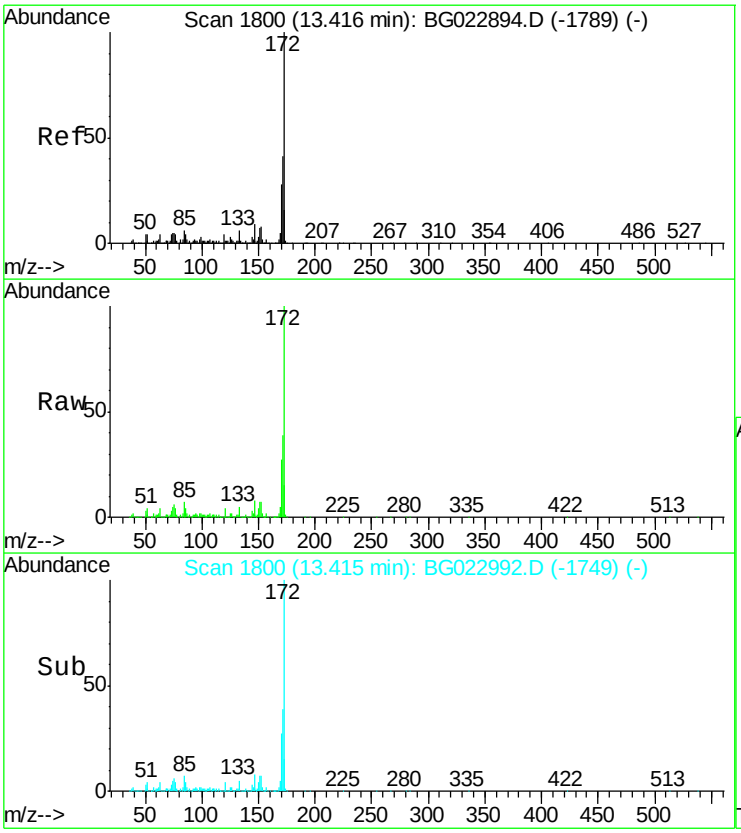
#41
2,4,6-Tribromophenol
Concen: 98.92 ng
RT: 16.29 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BG022992.D
Acq: 10 Jul 2016 9:29

Instrument :
BNA_G
ClientSampleId :
N8-B4(6-12)C

Tgt Ion:330 Resp: 694833

Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.4	116.2
141	37.9	31.7	47.5

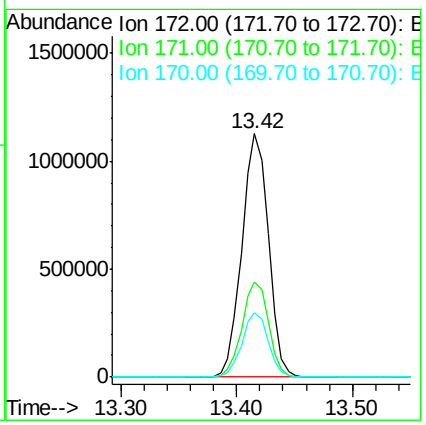


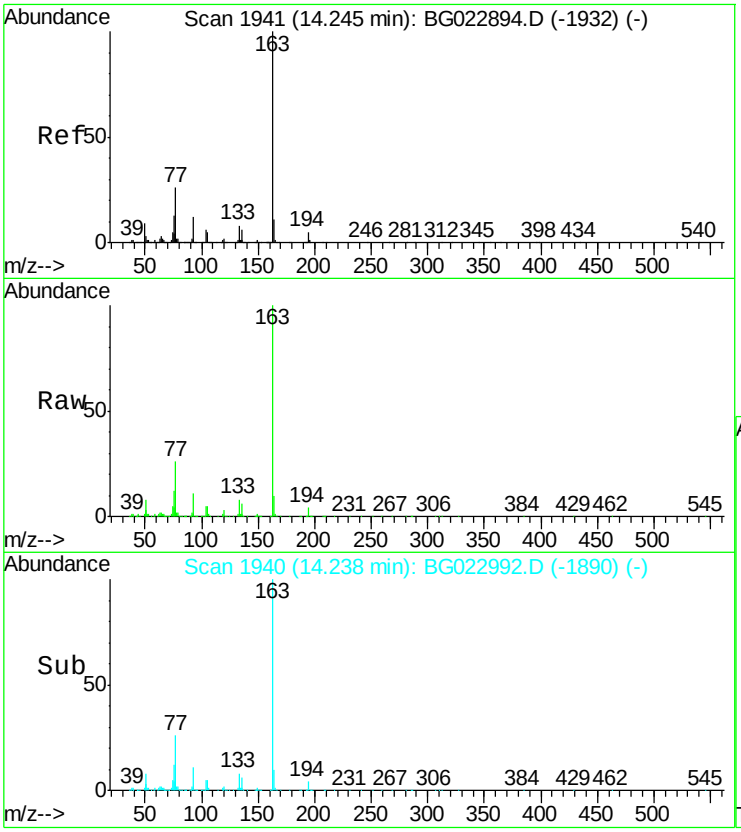


#44
2-Fluorobiphenyl
Concen: 72.77 ng
RT: 13.42 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG022992.D
Acq: 10 Jul 2016 9:29

Tgt Ion:172 Resp: 1805612

Ion	Ratio	Lower	Upper
172	100		
171	39.3	31.6	47.4
170	26.6	21.3	31.9



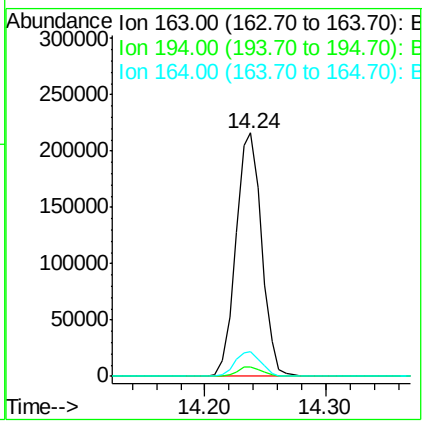


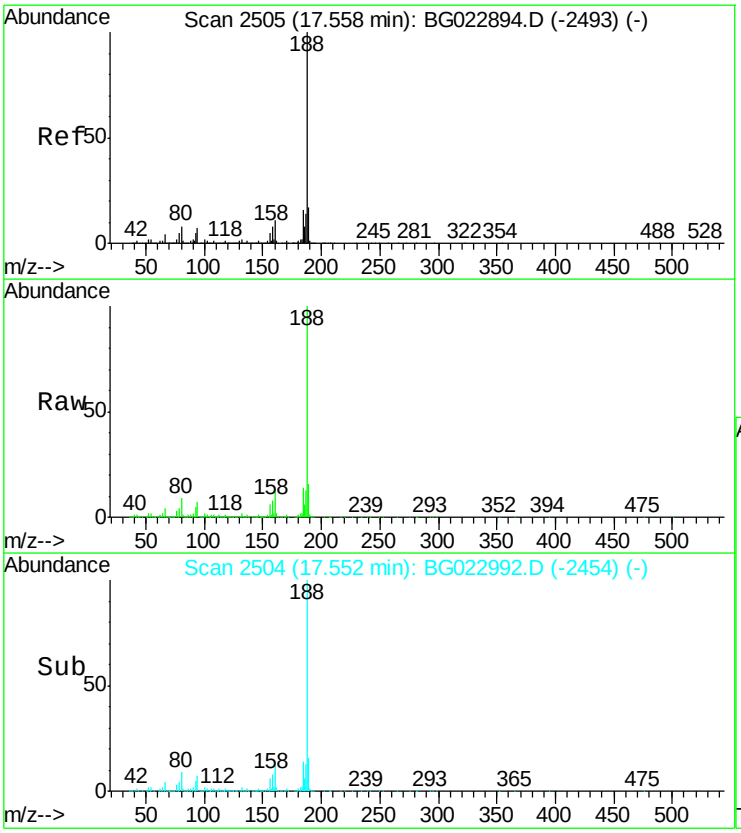
#49
Dimethylphthalate
Concen: 10.07 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022992.D
Acq: 10 Jul 2016 9:29

Instrument :
BNA_G
ClientSampleId :
N8-B4(6-12)C

Tgt Ion:163 Resp: 321344

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.6	5.4
164	10.1	8.1	12.1

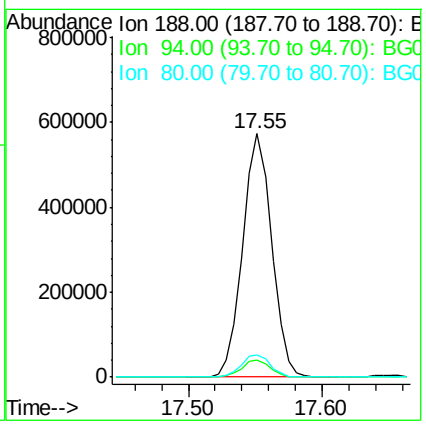


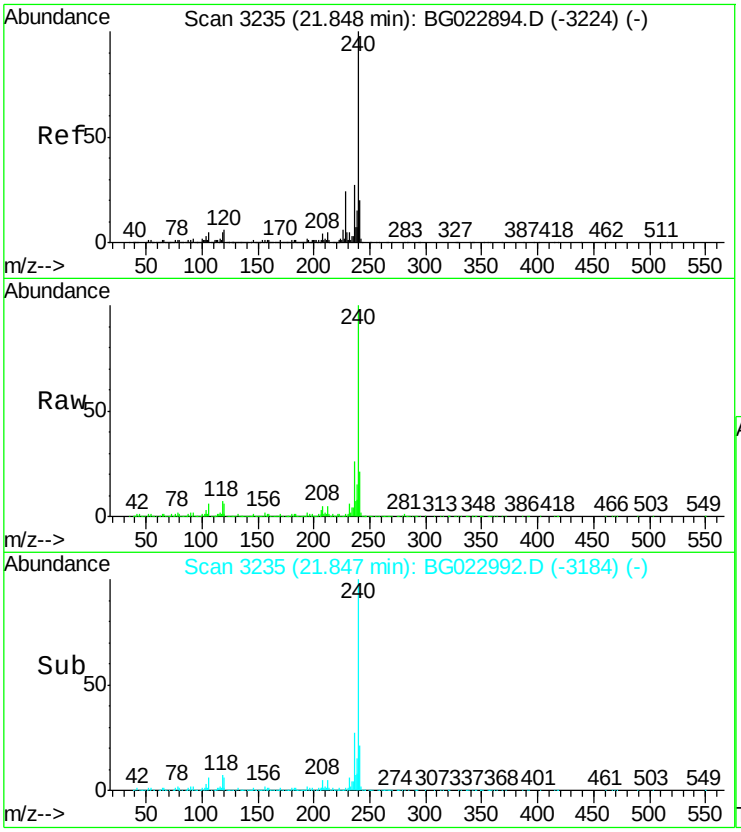


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG022992.D
Acq: 10 Jul 2016 9:29

Tgt Ion:188 Resp: 856873

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.2	7.8
80	9.0	7.2	10.8



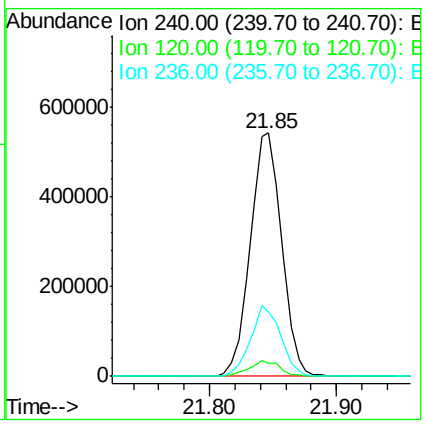


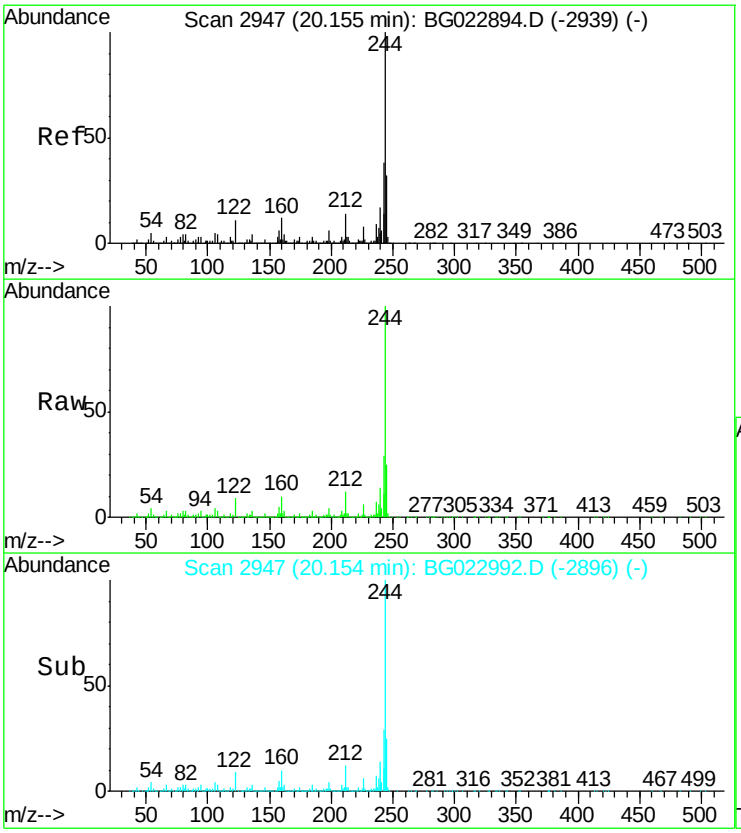
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022992.D
Acq: 10 Jul 2016 9:29

Instrument :
BNA_G
ClientSampleId :
N8-B4(6-12)C

Tgt Ion:240 Resp: 937001

Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.1	6.1
236	26.5	21.1	31.7

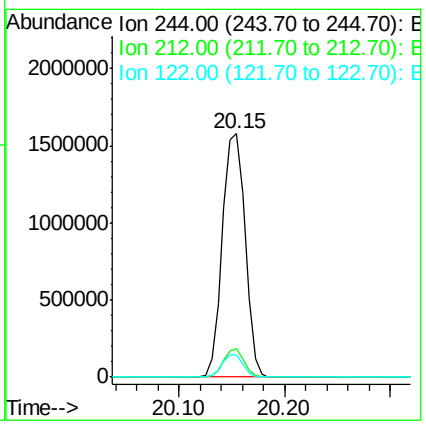


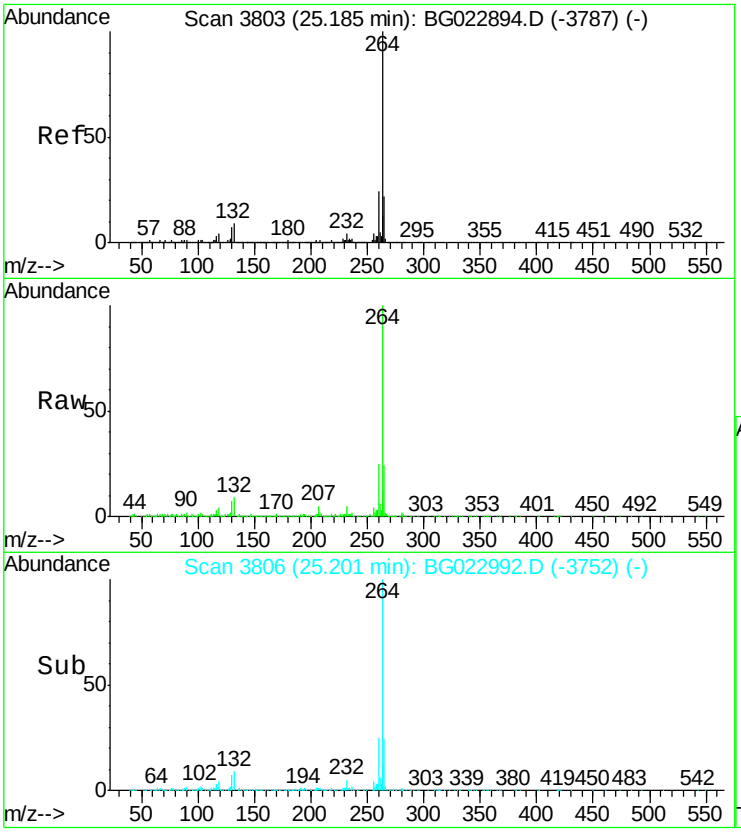


#78
Terphenyl-d14
Concen: 77.15 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG022992.D
Acq: 10 Jul 2016 9:29

Tgt Ion:244 Resp: 2360843

Ion	Ratio	Lower	Upper
244	100		
212	11.6	10.8	16.2
122	9.1	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.20 min Scan# 3806
Delta R.T. 0.02 min
Lab File: BG022992.D
Acq: 10 Jul 2016 9:29

Instrument :
BNA_G
ClientSampleId :
N8-B4(6-12)C

Tgt Ion:264 Resp: 958390

Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.4	27.6
265	23.8	18.9	28.3