Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071816\
Data File : BG023166.D
Acq On : 18 Jul 2016 19:55
Operator : UM/SJ
Sample : H4044-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M9-B5(6-12)C

Quant Time: Jul 19 01:05:38 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	8.11	152	124344	20.00	ng	-0.04
21) Naphthalene-d8	10.93	136	589157	20.00	ng	-0.04
38) Acenaphthene-d10	14.74	164	440625	20.00	ng	-0.06
63) Phenanthrene-d10	17.49	188	957733	20.00	ng	-0.07
75) Chrysene-d12	21.75	240	957583	20.00	ng	-0.10
86) Perylene-d12	25.03	264	953869	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	895987	117.85	ng	-0.03
7) Phenol-d6	7.27	99	1409719	118.39	ng	-0.04
23) Nitrobenzene-d5	9.28	82	1062011	77.19	ng	-0.05
41) 2,4,6-Tribromophenol	16.23	330	659346	83.26	ng	-0.07
44) 2-Fluorobiphenyl	13.37	172	1926970	68.88	ng	-0.05
78) Terphenyl-d14	20.07	244	2348333	74.04	ng	-0.08
Target Compounds						Qvalue
49) Dimethylphthalate	14.18	163	533869	14.83	ng	99

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

Quantitation Report (Not Reviewed)

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Data File : BG023166.D
Acq On : 18 Jul 2016 19:55
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BNA_G
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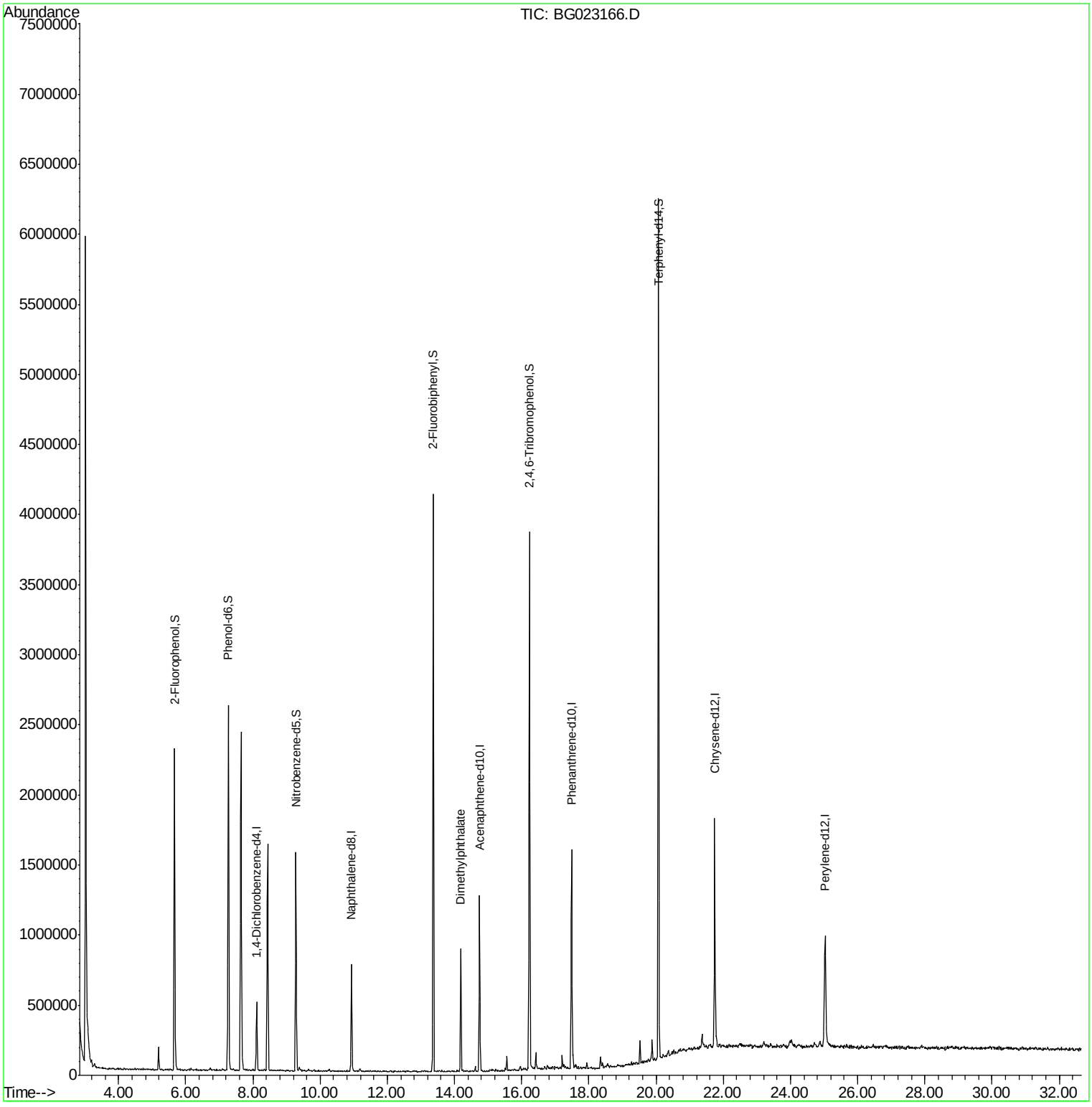
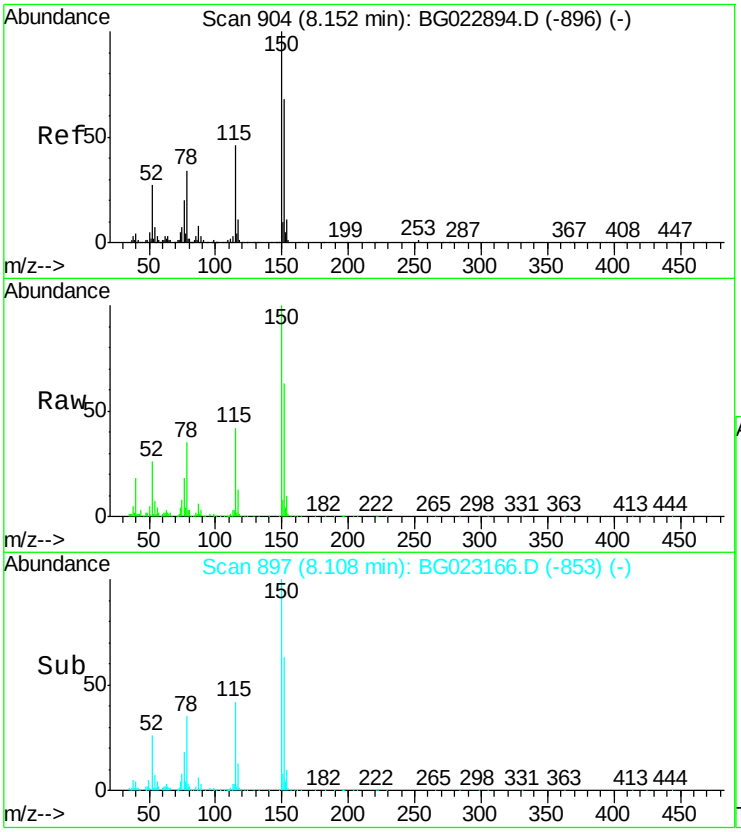


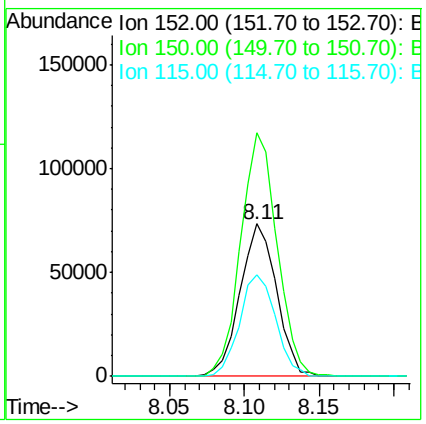


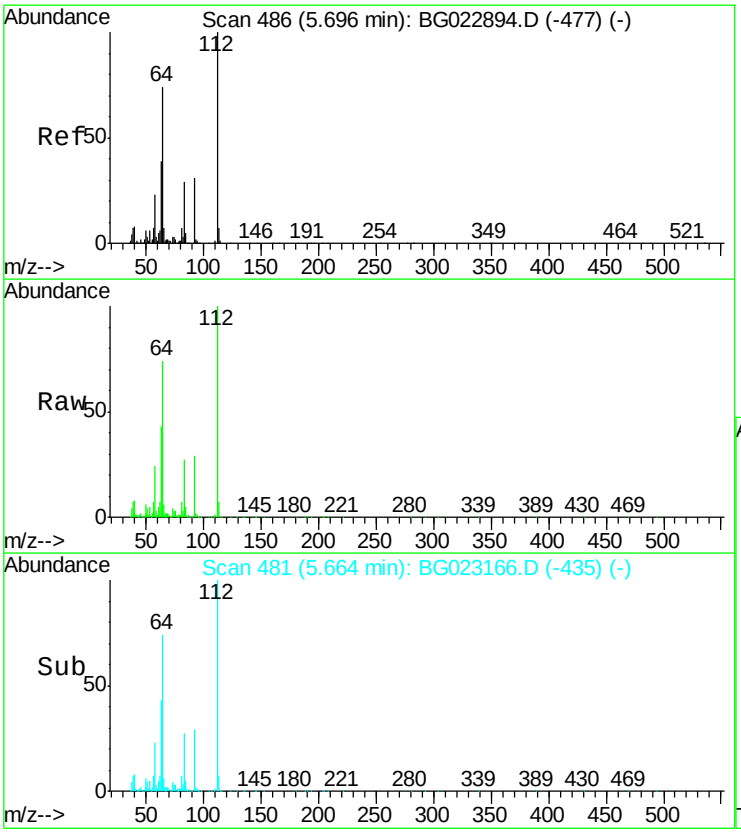
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.04 min
Lab File: BG023166.D
Acq: 18 Jul 2016 19:55

Instrument :
BNA_G
ClientSampleId :
M9-B5(6-12)C

Tgt Ion:152 Resp: 124344

Ion	Ratio	Lower	Upper
152	100		
150	159.5	144.7	217.1
115	66.4	64.0	96.0

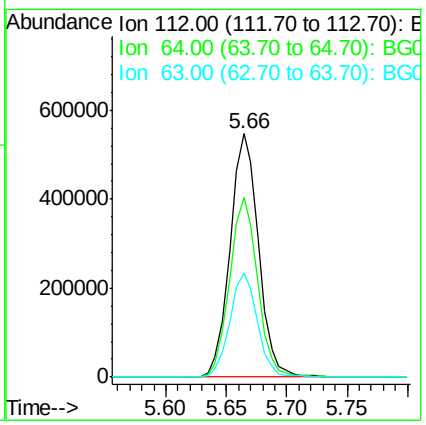


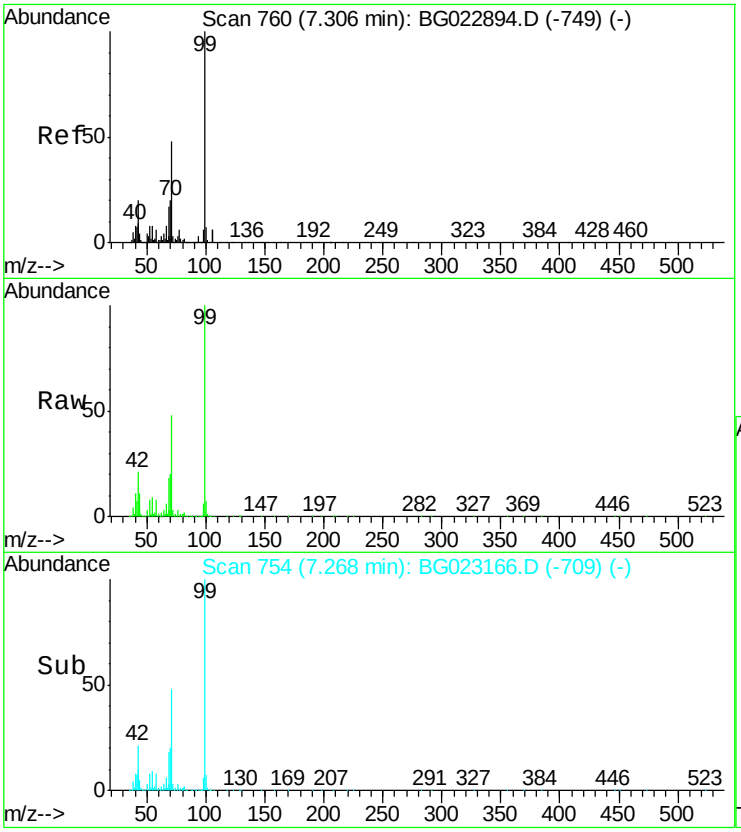


#5
2-Fluorophenol
Concen: 117.85 ng
RT: 5.66 min Scan# 481
Delta R.T. -0.03 min
Lab File: BG023166.D
Acq: 18 Jul 2016 19:55

Tgt Ion:112 Resp: 895987

Ion	Ratio	Lower	Upper
112	100		
64	74.0	59.0	88.4
63	42.7	37.8	56.8



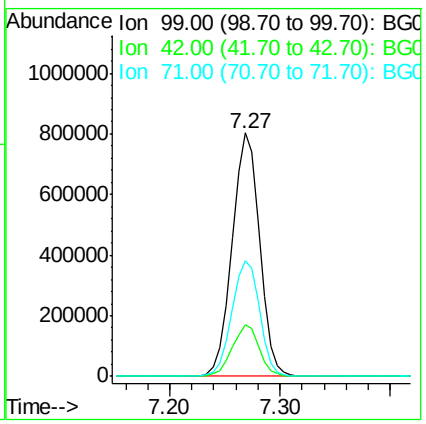


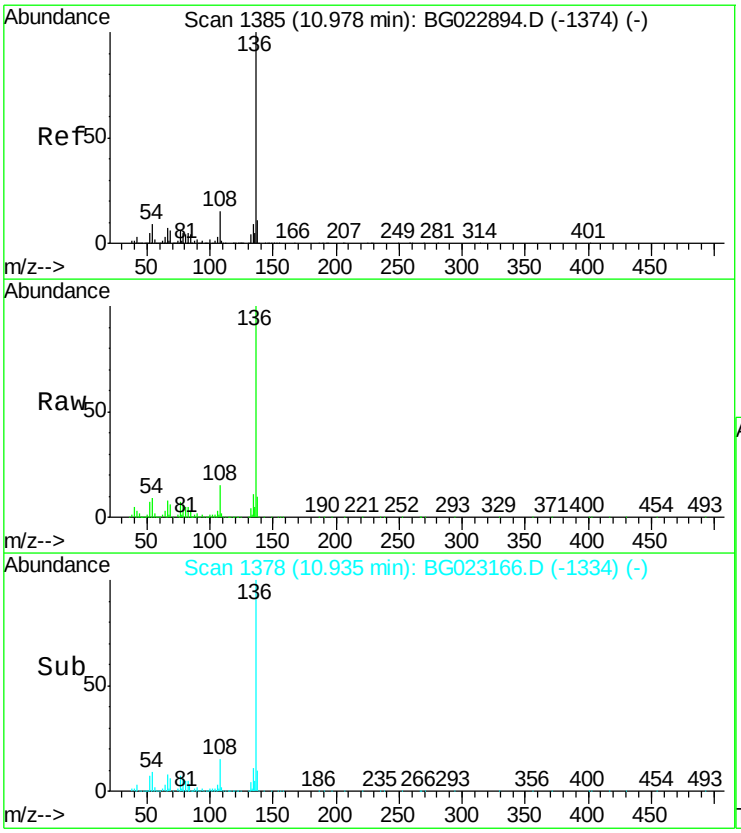
#7
Phenol-d6
Concen: 118.39 ng
RT: 7.27 min Scan# 754
Delta R.T. -0.04 min
Lab File: BG023166.D
Acq: 18 Jul 2016 19:55

Instrument :
BNA_G
ClientSampleId :
M9-B5(6-12)C

Tgt Ion: 99 Resp: 1409719

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.8	26.6
71	47.5	41.5	62.3

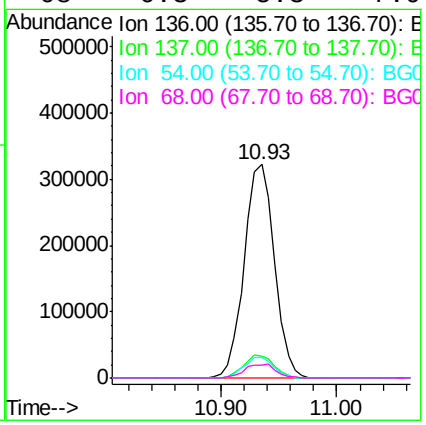


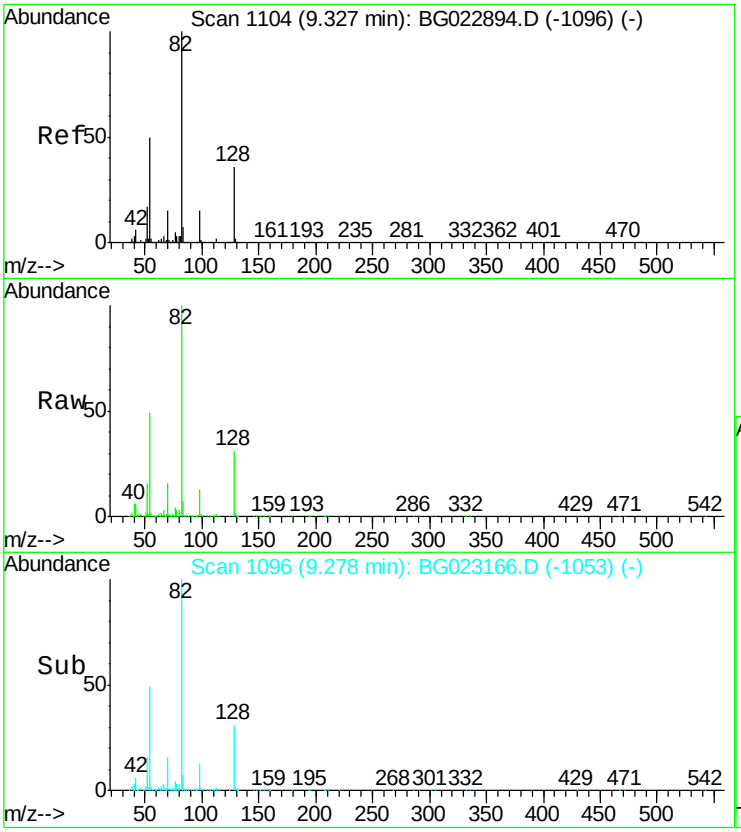


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.04 min
Lab File: BG023166.D
Acq: 18 Jul 2016 19:55

Tgt Ion:136 Resp: 589157

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.6	14.4
54	9.4	7.3	10.9
68	6.3	5.3	7.9



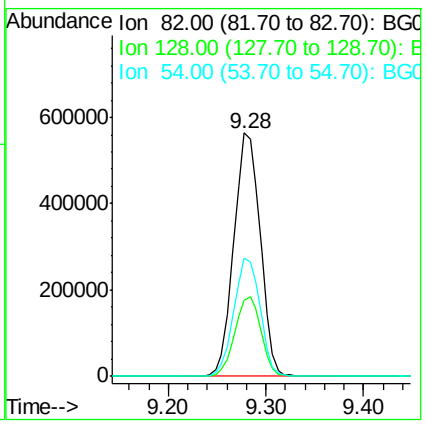


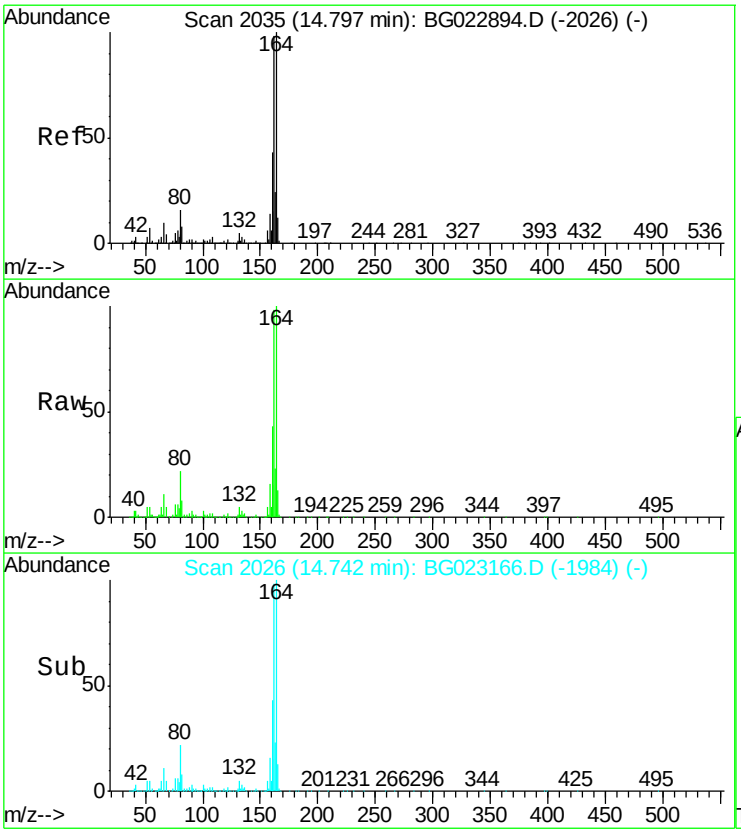
#23
Nitrobenzene-d5
Concen: 77.19 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.05 min
Lab File: BG023166.D
Acq: 18 Jul 2016 19:55

Instrument :
BNA_G
ClientSampleId :
M9-B5(6-12)C

Tgt Ion: 82 Resp: 1062011

Ion	Ratio	Lower	Upper
82	100		
128	31.4	24.4	36.6
54	48.8	41.4	62.0

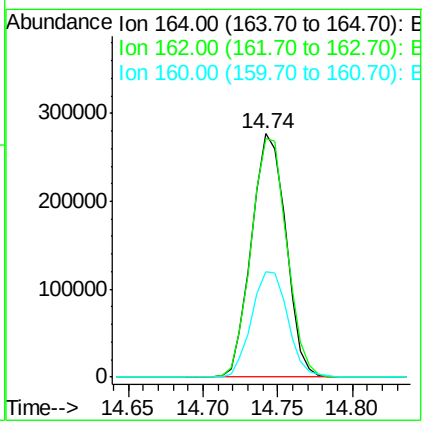


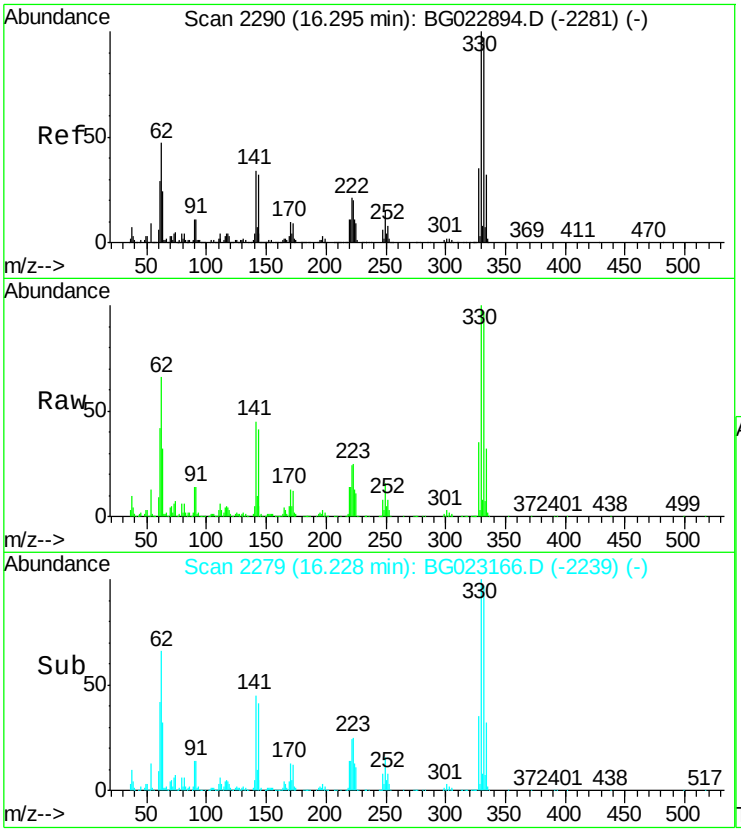


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.06 min
Lab File: BG023166.D
Acq: 18 Jul 2016 19:55

Tgt Ion:164 Resp: 440625

Ion	Ratio	Lower	Upper
164	100		
162	98.1	87.7	131.5
160	43.4	37.2	55.8



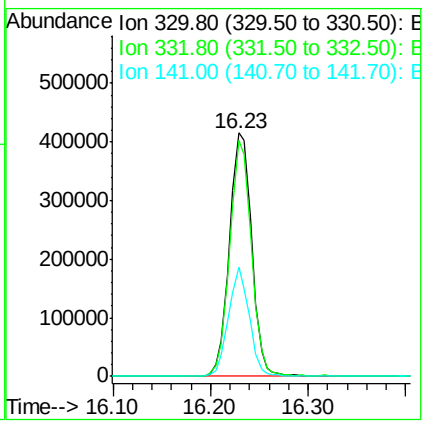


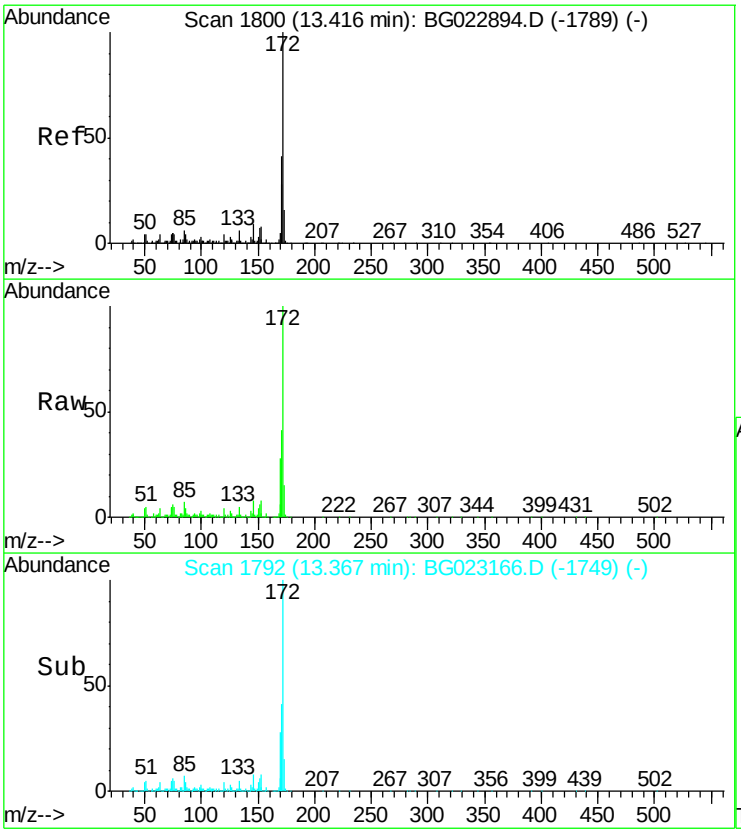
#41
2,4,6-Tribromophenol
Concen: 83.26 ng
RT: 16.23 min Scan# 2279
Delta R.T. -0.07 min
Lab File: BG023166.D
Acq: 18 Jul 2016 19:55

Instrument :
BNA_G
ClientSampleId :
M9-B5(6-12)C

Tgt Ion:330 Resp: 659346

Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.4	116.2
141	41.4	31.7	47.5

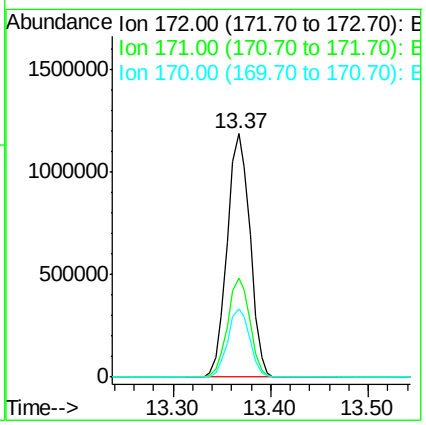


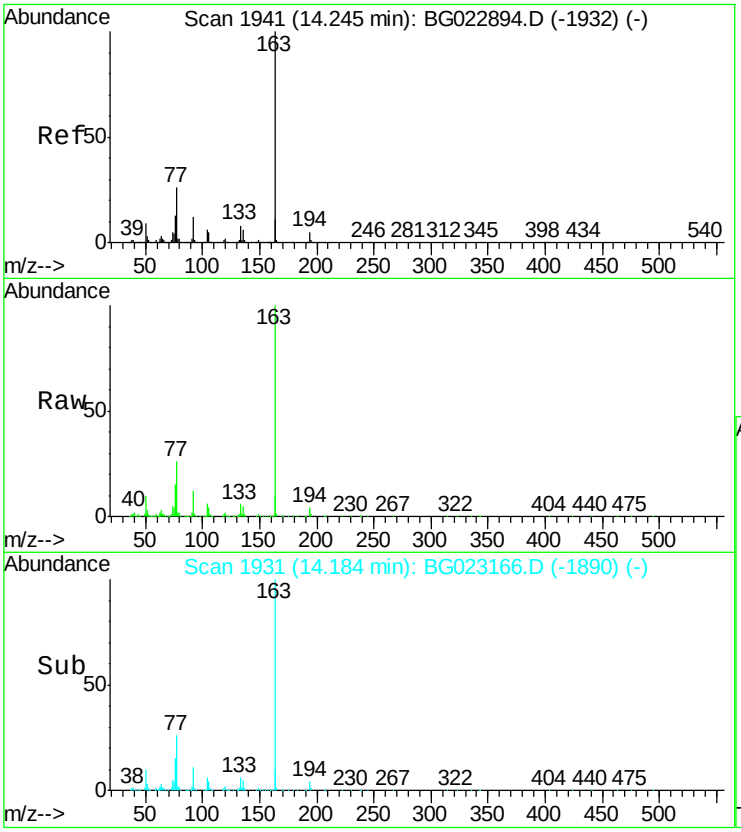


#44
2-Fluorobiphenyl
Concen: 68.88 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.05 min
Lab File: BG023166.D
Acq: 18 Jul 2016 19:55

Tgt Ion:172 Resp: 1926970

Ion	Ratio	Lower	Upper
172	100		
171	40.7	31.6	47.4
170	28.2	21.3	31.9



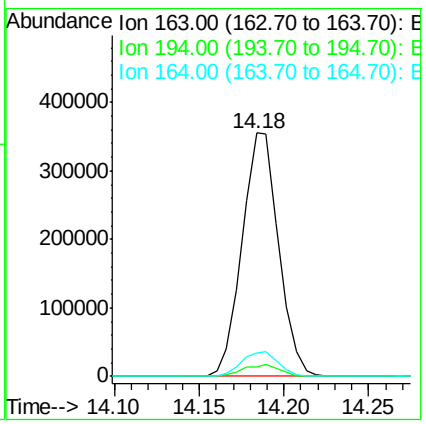


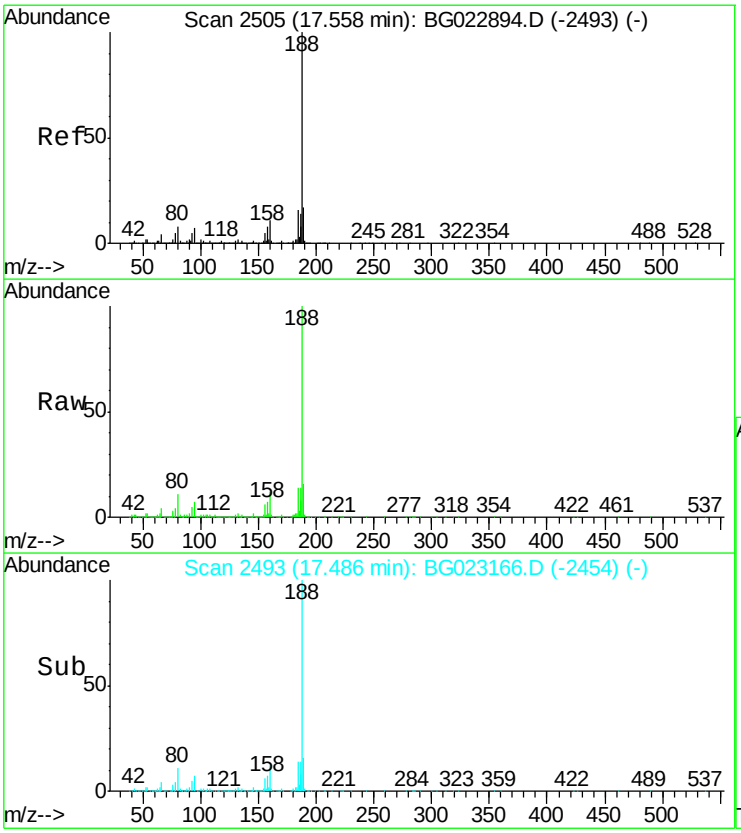
#49
Dimethylphthalate
Concen: 14.83 ng
RT: 14.18 min Scan# 1931
Delta R.T. -0.06 min
Lab File: BG023166.D
Acq: 18 Jul 2016 19:55

Instrument :
BNA_G
ClientSampleId :
M9-B5(6-12)C

Tgt Ion:163 Resp: 533869

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.6	5.4
164	9.8	8.1	12.1

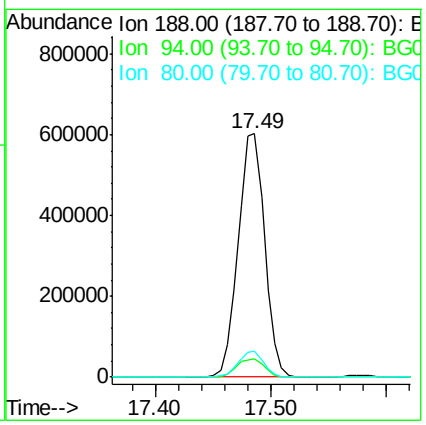


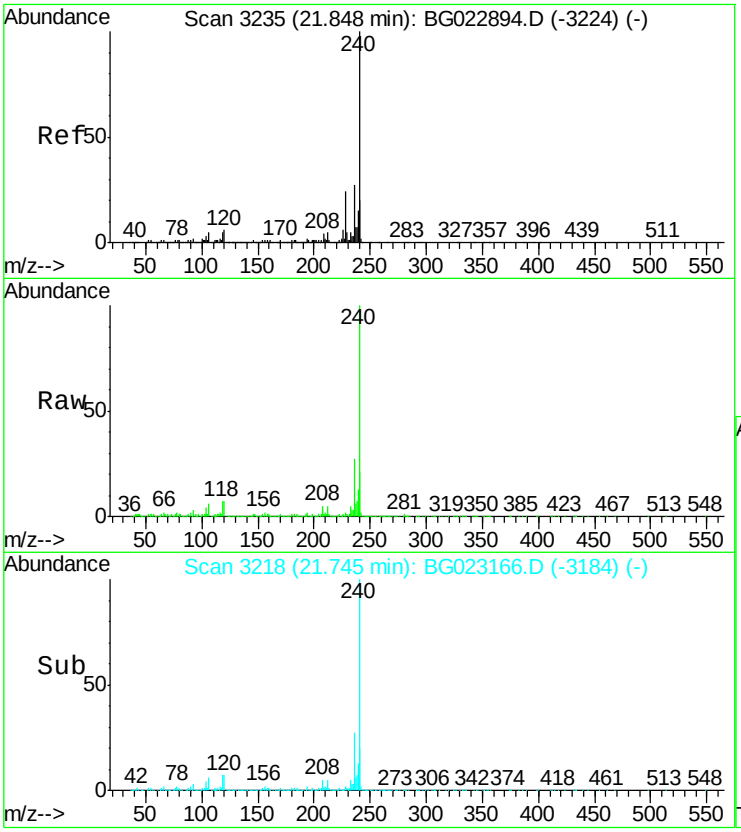


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.07 min
Lab File: BG023166.D
Acq: 18 Jul 2016 19:55

Tgt Ion:188 Resp: 957733

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.2	7.8
80	10.7	7.2	10.8



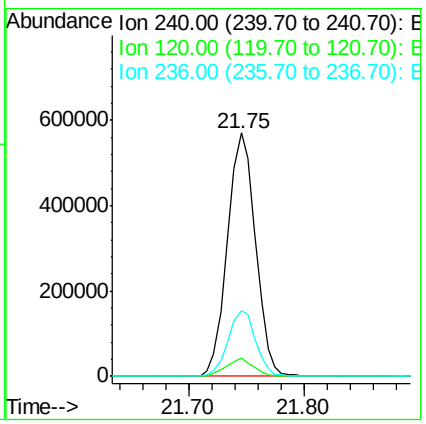


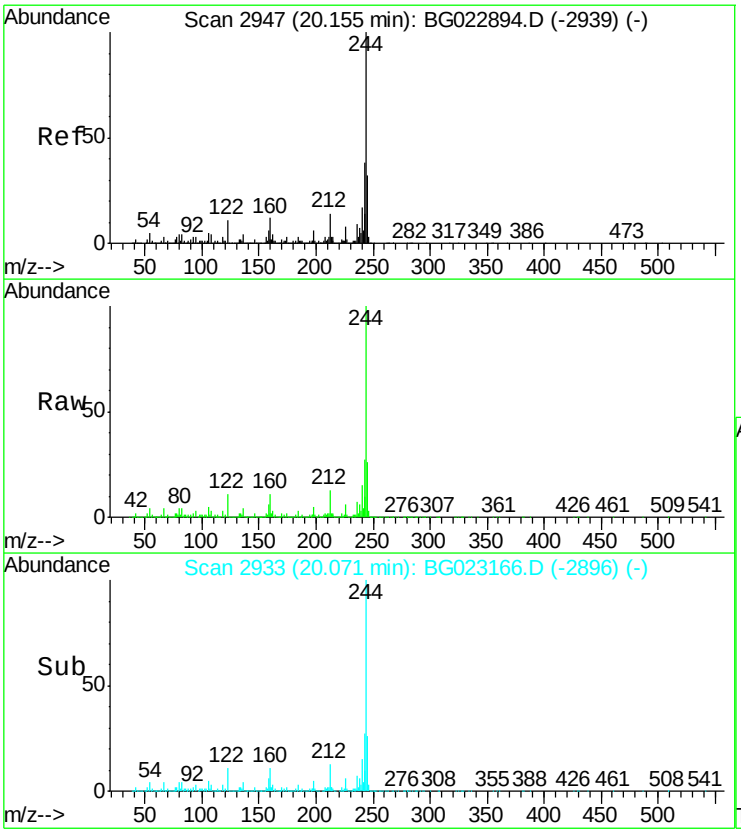
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3218
Delta R.T. -0.10 min
Lab File: BG023166.D
Acq: 18 Jul 2016 19:55

Instrument :
BNA_G
ClientSampleId :
M9-B5(6-12)C

Tgt Ion:240 Resp: 957583

Ion	Ratio	Lower	Upper
240	100		
120	7.5	4.1	6.1#
236	27.1	21.1	31.7

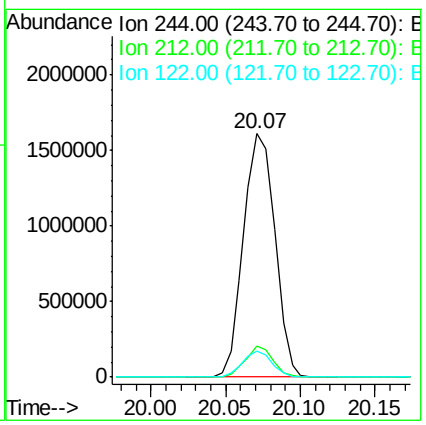


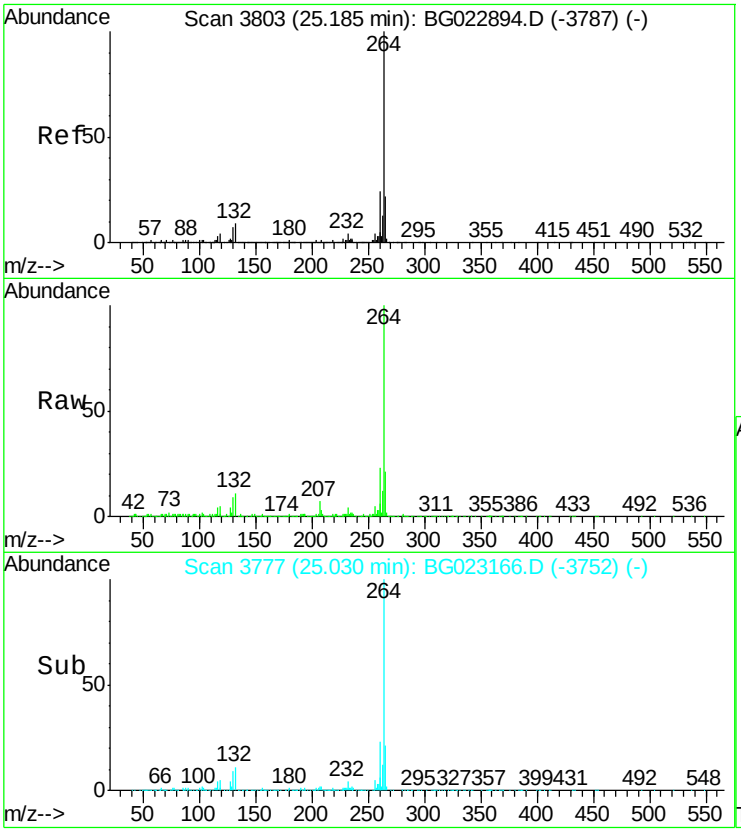


#78
Terphenyl-d14
Concen: 74.04 ng
RT: 20.07 min Scan# 2933
Delta R.T. -0.08 min
Lab File: BG023166.D
Acq: 18 Jul 2016 19:55

Tgt Ion:244 Resp: 2348333

Ion	Ratio	Lower	Upper
244	100		
212	12.8	10.8	16.2
122	10.7	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3777
Delta R.T. -0.15 min
Lab File: BG023166.D
Acq: 18 Jul 2016 19:55

Instrument :
BNA_G
ClientSampleId :
M9-B5(6-12)C

Tgt Ion:264 Resp: 953869

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	20.9	18.9	28.3