Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG071116\NRD\
Data File : BG023002.D
Acq On : 11 Jul 2016 14:10
Operator : UM/SJ
Sample : H3927-04DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0004

Quant Time: Jul 12 09:30:37 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.169	152	101592	20.00	ng		0.02
21) Naphthalene-d8	10.995	136	488650	20.00	ng		0.02
38) Acenaphthene-d10	14.802	164	385676	20.00	ng		0.00
63) Phenanthrene-d10	17.564	188	893159	20.00	ng		0.00
75) Chrysene-d12	21.865	240	985920	20.00	ng		0.02
86) Perylene-d12	25.249	264	995714	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.707	112	97121	15.64	ng		0.01
7) Phenol-d6	7.317	99	96130	9.88	ng		0.01
23) Nitrobenzene-d5	9.338	82	271691	23.81	ng		0.01
41) 2,4,6-Tribromophenol	16.295	330	198867	28.69	ng		0.00
44) 2-Fluorobiphenyl	13.427	172	632001	25.81	ng		0.01
78) Terphenyl-d14	20.161	244	966318	21.18	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.299	77	49135	7.56	ng	#	1
18) Hexachloroethane	9.279	117	36239	10.60	ng	#	1
22) Acetophenone	8.968	105	97203	6.63	ng	#	53
31) Naphthalene	11.042	128	620564	24.95	ng		99
33) 4-Chloroaniline	11.042	127	86413	7.10	ng	#	32
37) 2-Methylnaphthalene	12.640	142	144704	7.36	ng		94
49) Dimethylphthalate	14.244	163	64976	2.06	ng	#	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG071116\NRD\
Data File : BG023002.D
Acq On : 11 Jul 2016 14:10
Operator : UM/SJ
Sample : H3927-04DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
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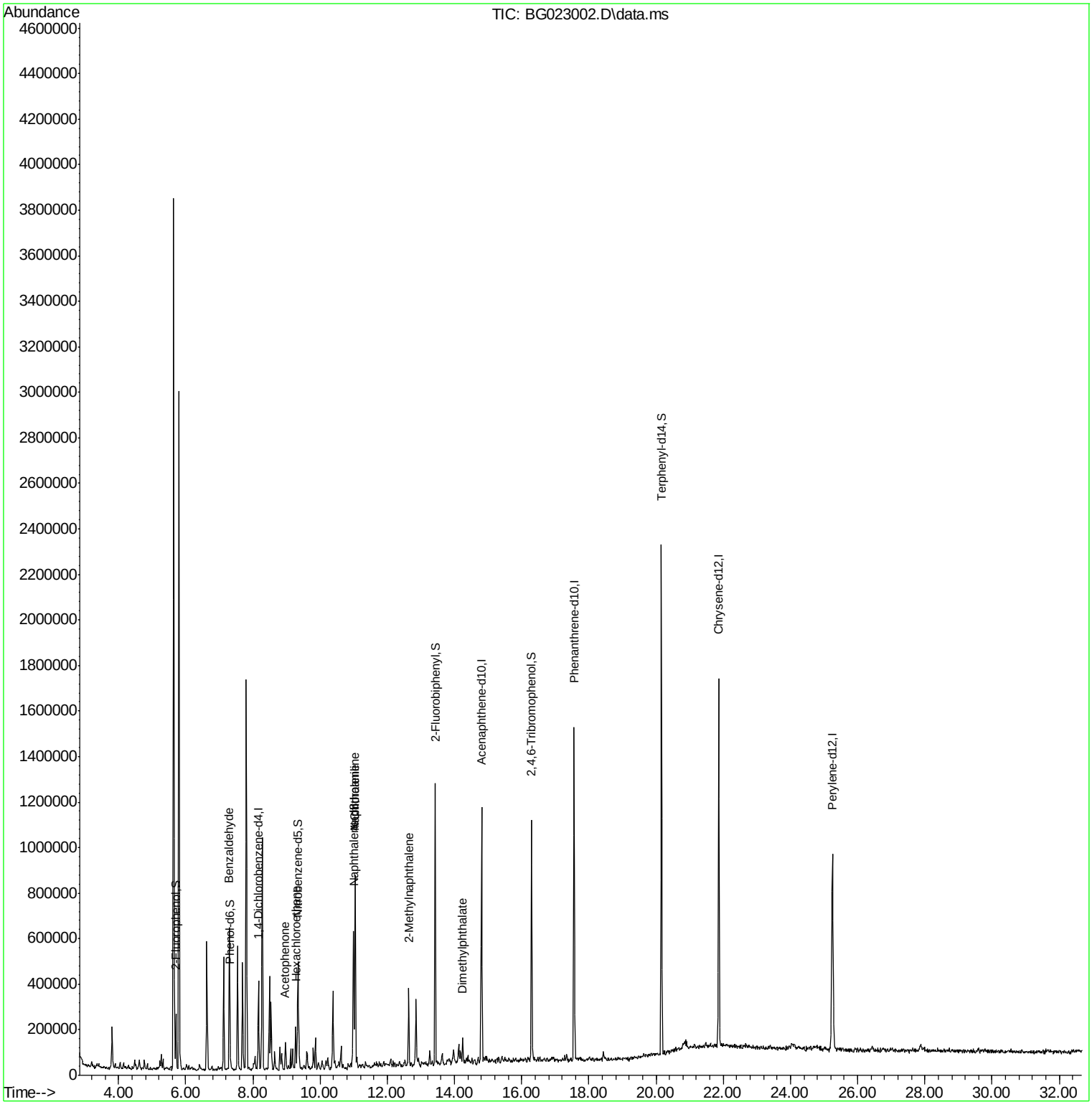
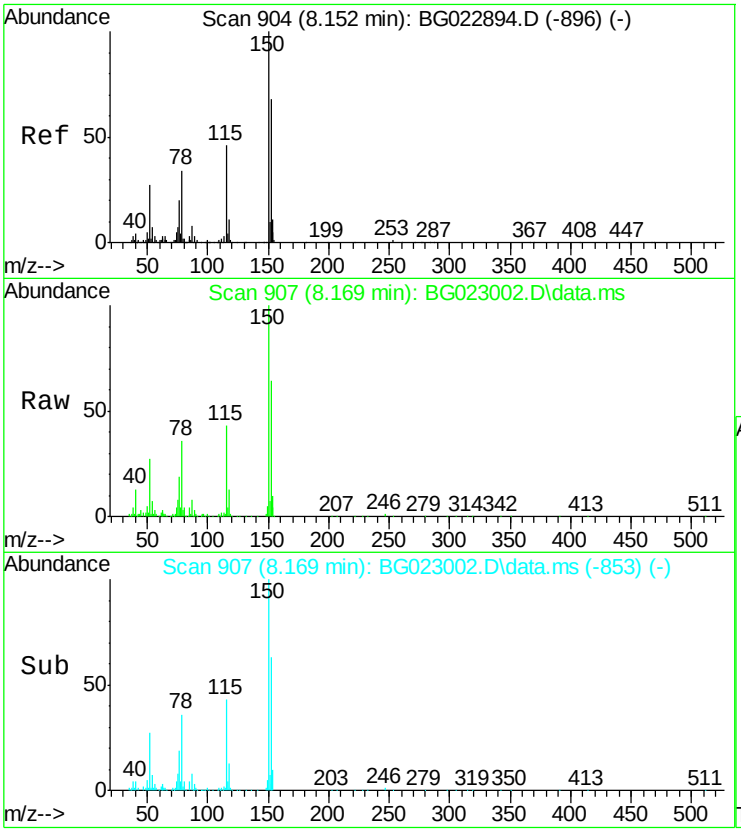
Quant Time: Jul 12 09:30:37 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration



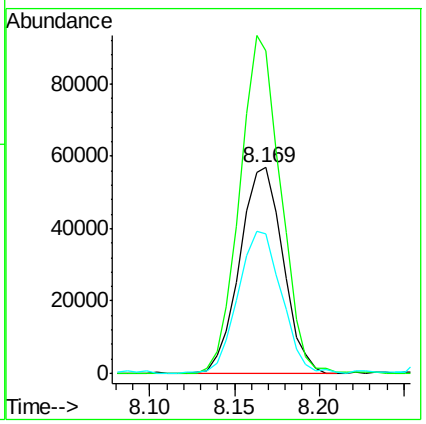


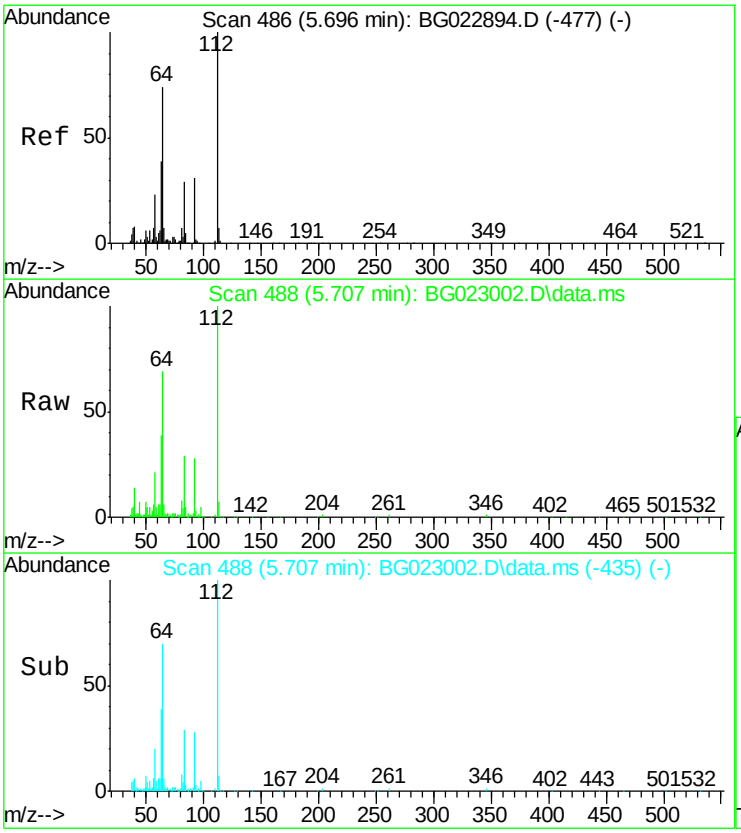
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.169 min Scan# 90
Delta R.T. 0.017 min
Lab File: BG023002.D
Acq: 11 Jul 2016 14:10

Instrument :
BNA_G
ClientSampleId :
S22-0004

Tgt Ion:152 Resp: 101592

Ion	Ratio	Lower	Upper
152	100		
150	157.1	144.7	217.1
115	68.0	64.0	96.0

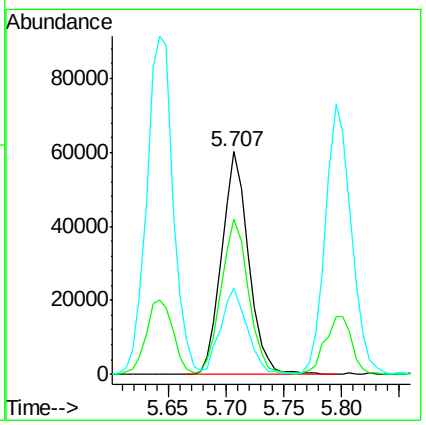


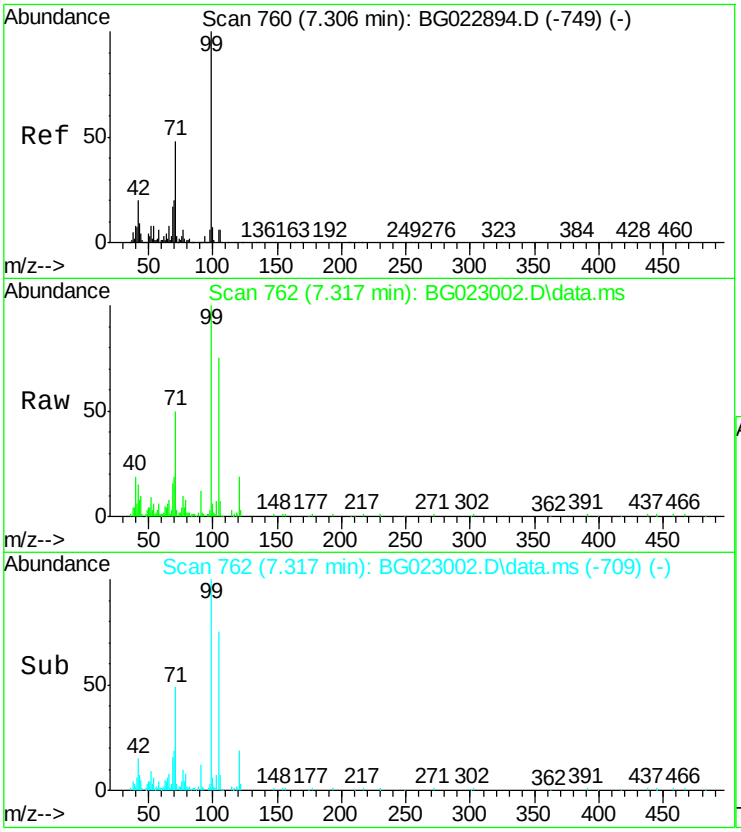


#5
2-Fluorophenol
Concen: 15.64 ng
RT: 5.707 min Scan# 488
Delta R.T. 0.012 min
Lab File: BG023002.D
Acq: 11 Jul 2016 14:10

Tgt Ion:112 Resp: 97121

Ion	Ratio	Lower	Upper
112	100		
64	69.5	59.0	88.4
63	38.6	37.8	56.8



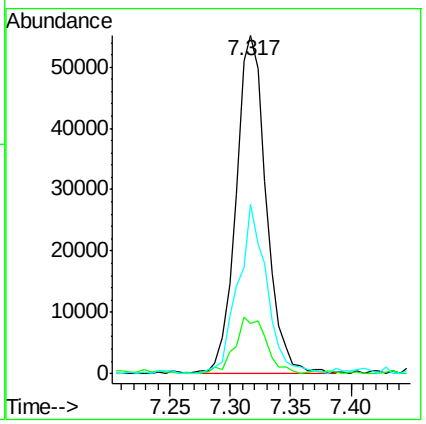


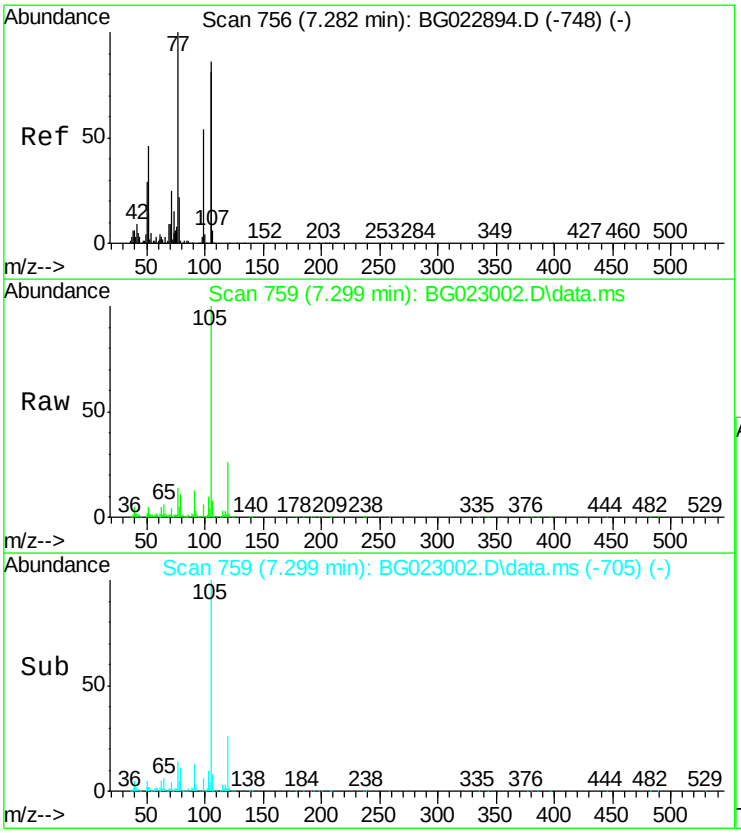
#7
Phenol-d6
Concen: 9.88 ng
RT: 7.317 min Scan# 76
Delta R.T. 0.011 min
Lab File: BG023002.D
Acq: 11 Jul 2016 14:10

Instrument :
BNA_G
ClientSampleId :
S22-0004

Tgt Ion: 99 Resp: 96130

Ion	Ratio	Lower	Upper
99	100		
42	14.7	17.8	26.6#
71	50.1	41.5	62.3

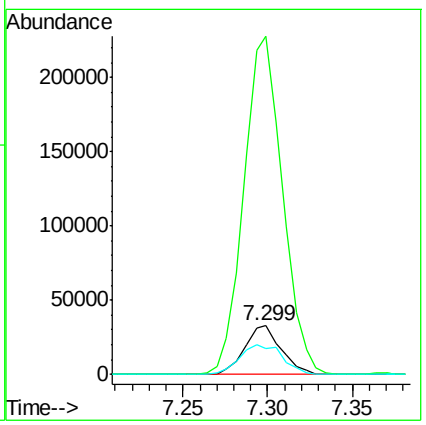


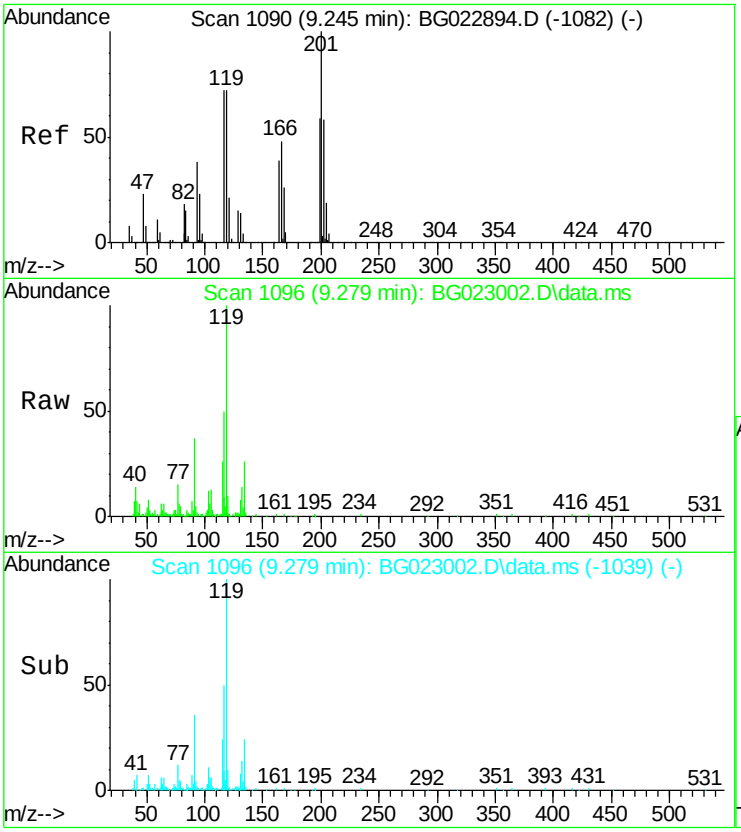


#9
Benzaldehyde
Concen: 7.56 ng
RT: 7.299 min Scan# 759
Delta R.T. 0.017 min
Lab File: BG023002.D
Acq: 11 Jul 2016 14:10

Tgt Ion: 77 Resp: 49135

Ion	Ratio	Lower	Upper
77	100		
105	700.1	58.7	98.7#
106	52.9	67.5	107.5#



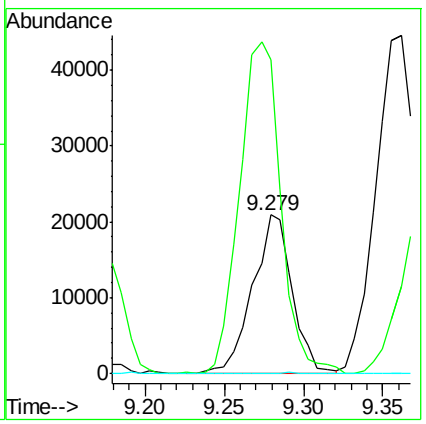


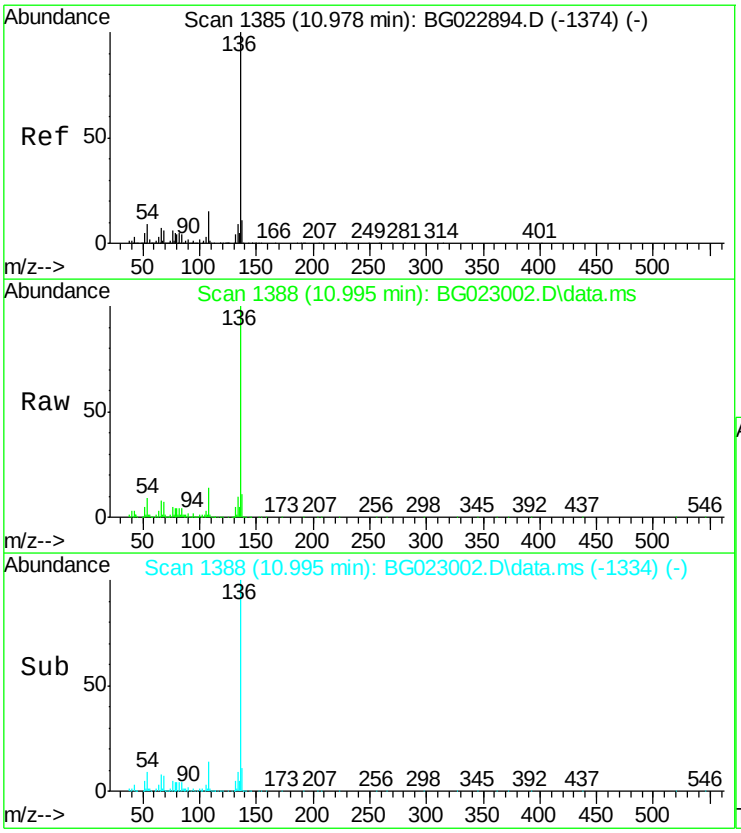
#18
Hexachloroethane
Concen: 10.60 ng
RT: 9.279 min Scan# 10
Delta R.T. 0.035 min
Lab File: BG023002.D
Acq: 11 Jul 2016 14:10

Instrument :
BNA_G
ClientSampleId :
S22-0004

Tgt Ion:117 Resp: 36239

Ion	Ratio	Lower	Upper
117	100		
119	198.5	73.7	110.5#
201	0.0	88.7	133.1#

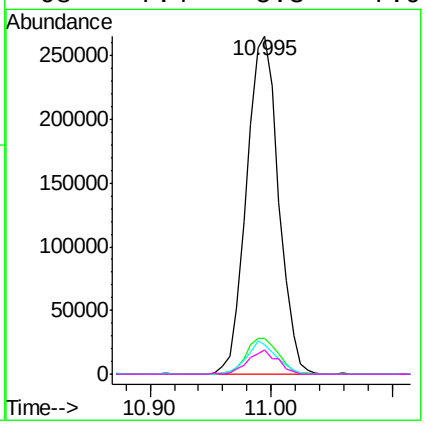


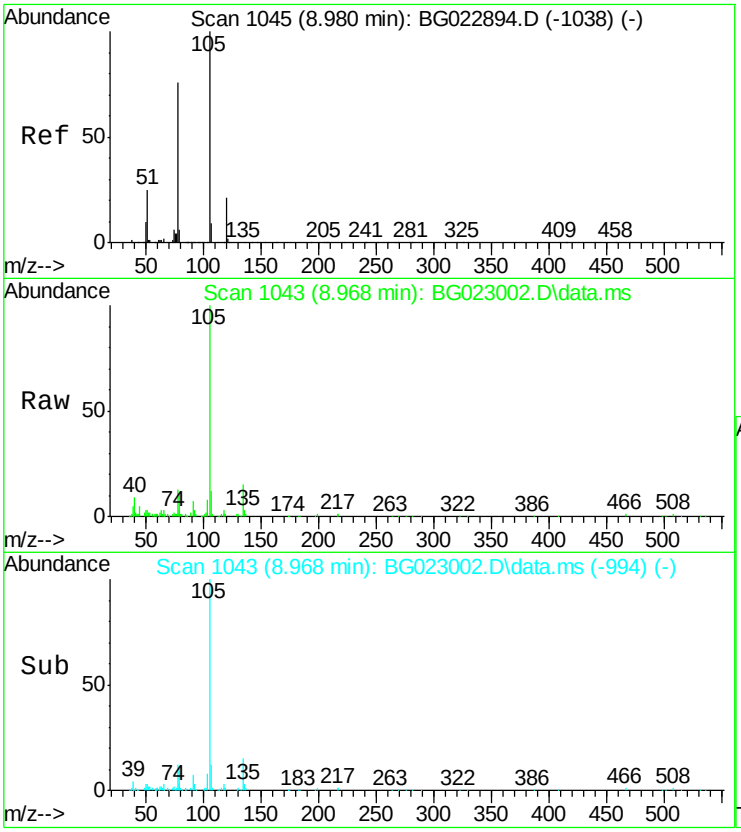


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.995 min Scan# 1388
Delta R.T. 0.017 min
Lab File: BG023002.D
Acq: 11 Jul 2016 14:10

Tgt Ion:136 Resp: 488650

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.6	14.4
54	8.7	7.3	10.9
68	7.4	5.3	7.9



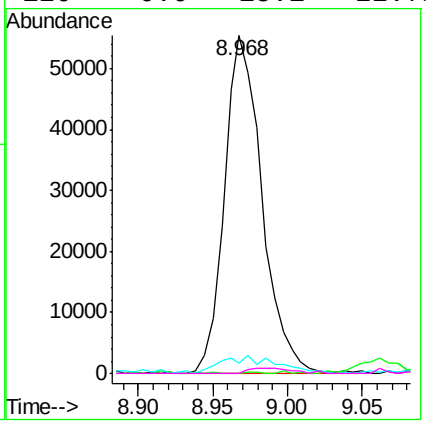


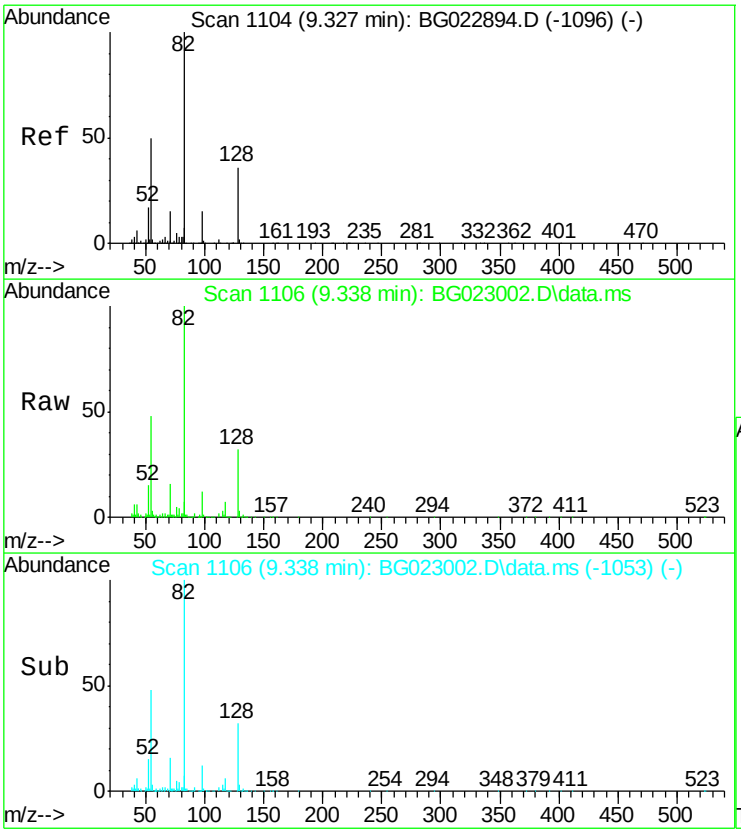
#22
Acetophenone
Concen: 6.63 ng
RT: 8.968 min Scan# 10
Delta R.T. -0.012 min
Lab File: BG023002.D
Acq: 11 Jul 2016 14:10

Instrument :
BNA_G
ClientSampleId :
S22-0004

Tgt Ion:105 Resp: 97203

Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.6	3.8#
51	3.1	27.1	40.7#
120	0.0	15.1	22.7#

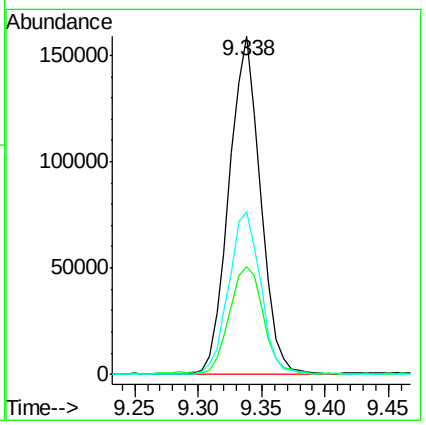


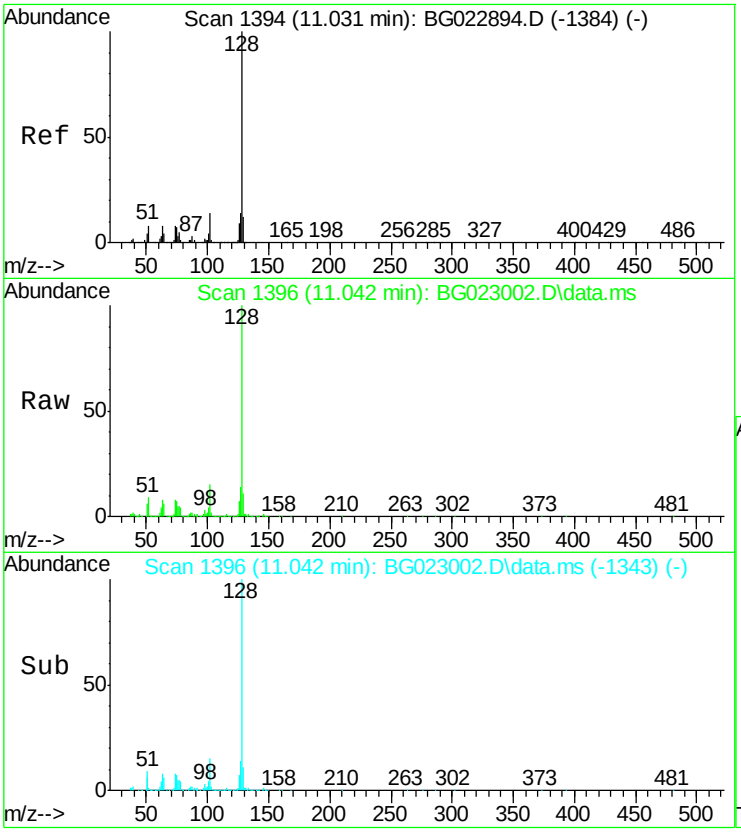


#23
Nitrobenzene-d5
Concen: 23.81 ng
RT: 9.338 min Scan# 1106
Delta R.T. 0.011 min
Lab File: BG023002.D
Acq: 11 Jul 2016 14:10

Tgt Ion: 82 Resp: 271691

Ion	Ratio	Lower	Upper
82	100		
128	31.7	24.4	36.6
54	48.0	41.4	62.0



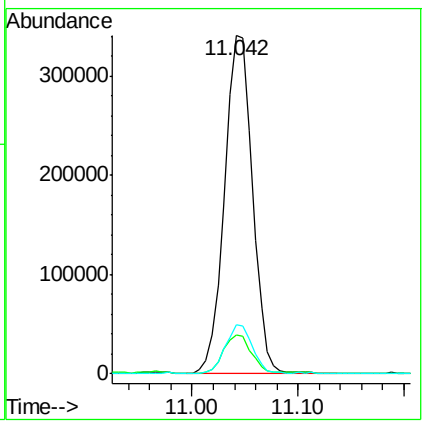


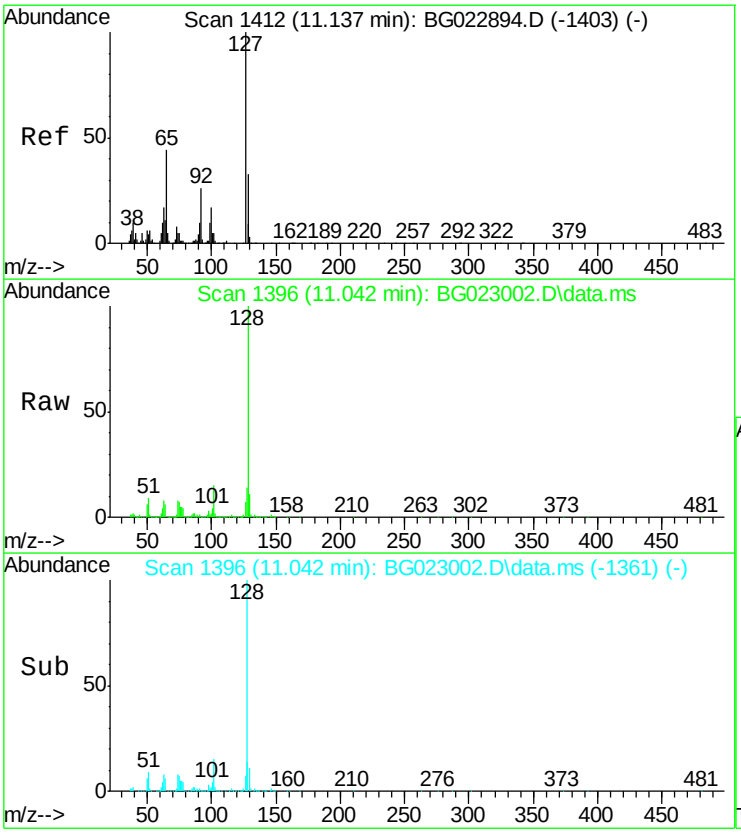
#31
Naphthalene
Concen: 24.95 ng
RT: 11.042 min Scan# 13
Delta R.T. 0.011 min
Lab File: BG023002.D
Acq: 11 Jul 2016 14:10

Instrument :
BNA_G
ClientSampleId :
S22-0004

Tgt Ion:128 Resp: 620564

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.0
127	14.3	11.3	16.9

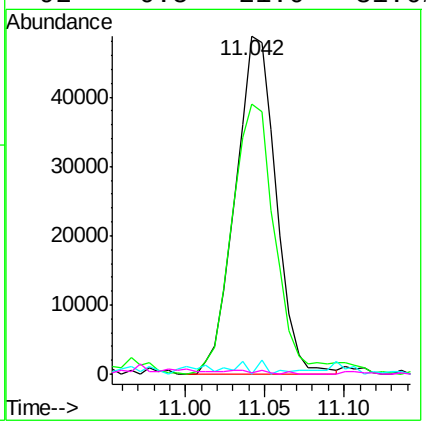


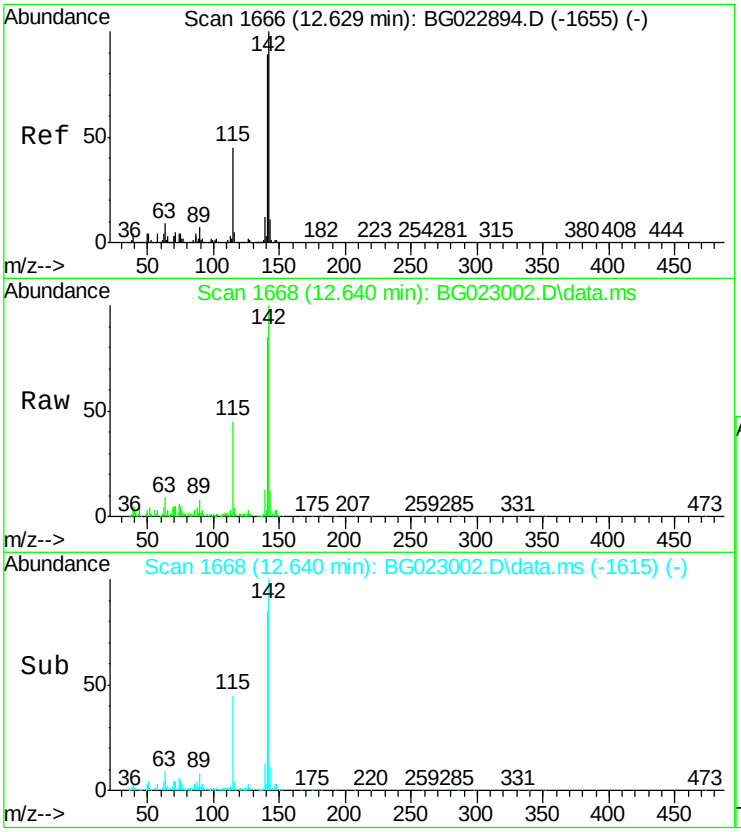


#33
4-Chloroaniline
Concen: 7.10 ng
RT: 11.042 min Scan# 1396
Delta R.T. -0.095 min
Lab File: BG023002.D
Acq: 11 Jul 2016 14:10

Tgt Ion:127 Resp: 86413

Ion	Ratio	Lower	Upper
127	100		
129	80.1	27.9	41.9#
65	0.0	36.8	55.2#
92	0.5	21.0	31.6#



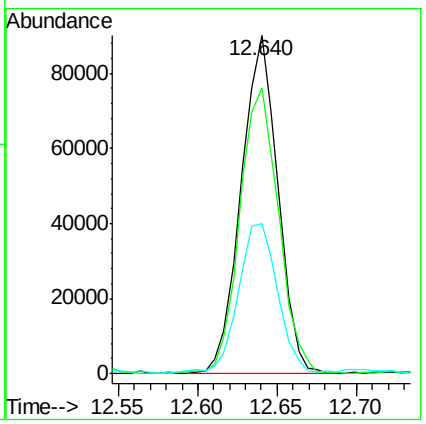


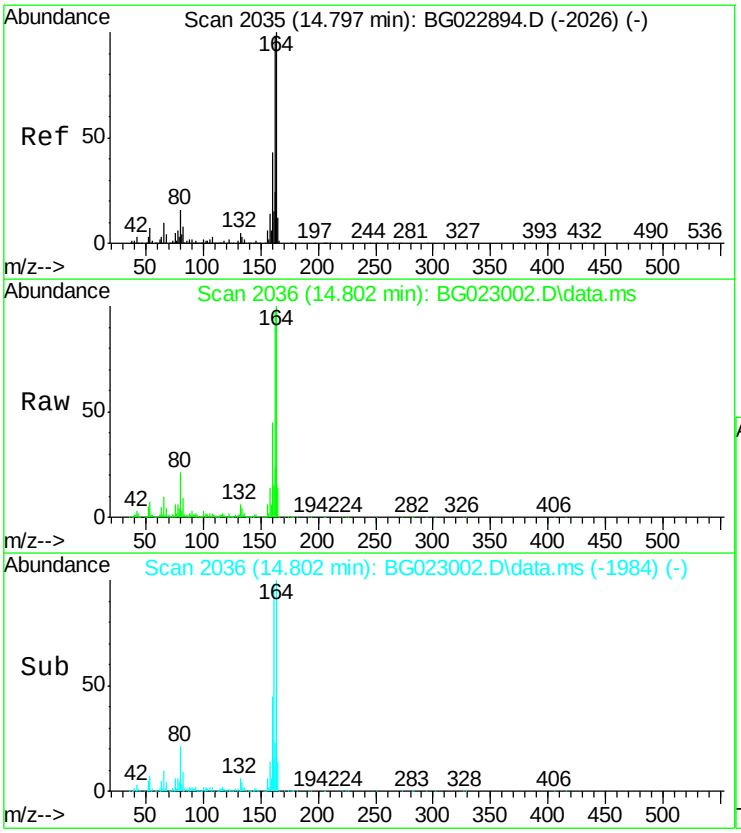
#37
2-Methylnaphthalene
Concen: 7.36 ng
RT: 12.640 min Scan# 16
Delta R.T. 0.011 min
Lab File: BG023002.D
Acq: 11 Jul 2016 14:10

Instrument :
BNA_G
ClientSampleId :
S22-0004

Tgt Ion:142 Resp: 144704

Ion	Ratio	Lower	Upper
142	100		
141	84.6	70.2	105.2
115	44.5	41.7	62.5

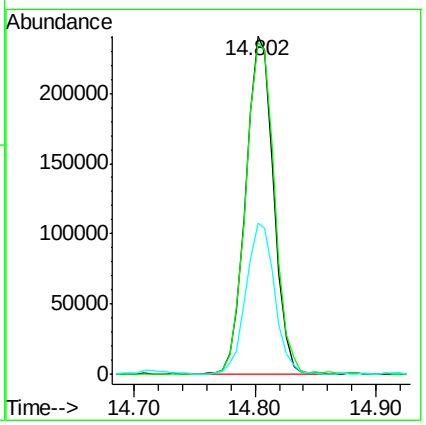


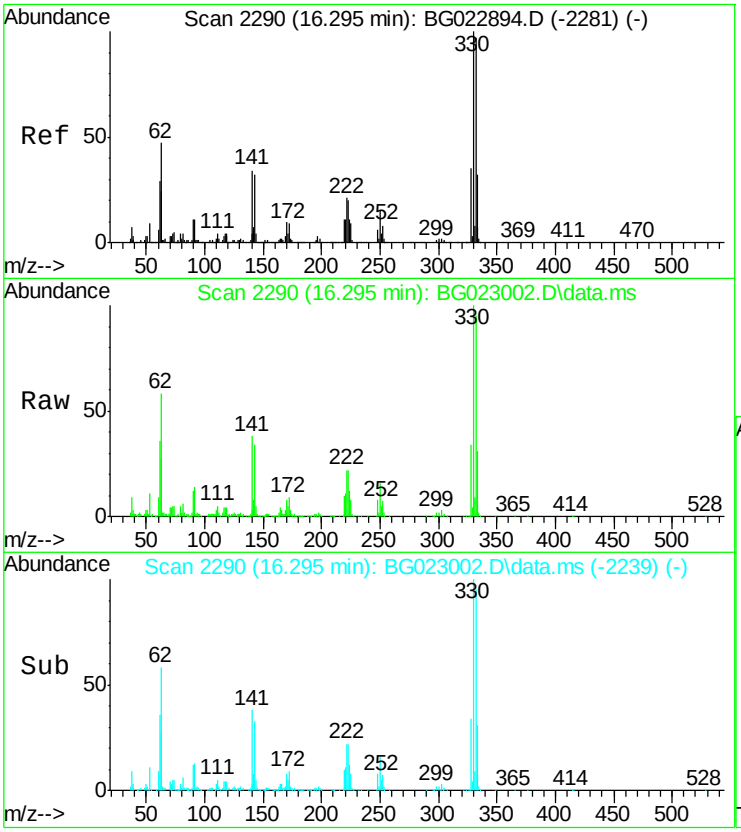


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.802 min Scan# 2036
Delta R.T. 0.005 min
Lab File: BG023002.D
Acq: 11 Jul 2016 14:10

Tgt Ion:164 Resp: 385676

Ion	Ratio	Lower	Upper
164	100		
162	98.2	87.7	131.5
160	44.7	37.2	55.8



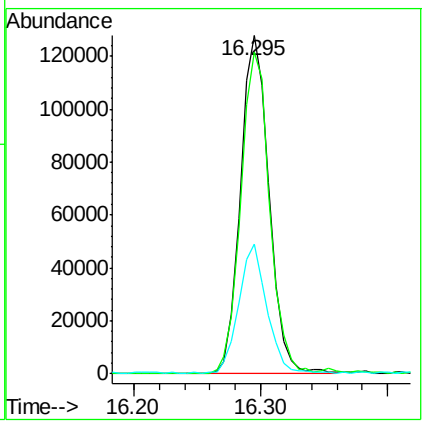


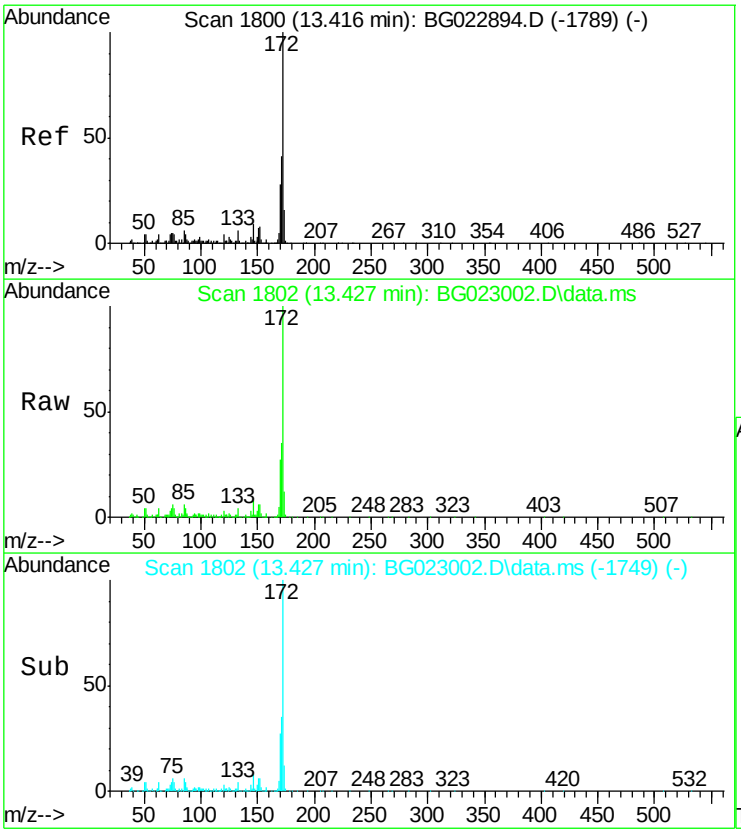
#41
2,4,6-Tribromophenol
Concen: 28.69 ng
RT: 16.295 min Scan# 22
Delta R.T. -0.001 min
Lab File: BG023002.D
Acq: 11 Jul 2016 14:10

Instrument :
BNA_G
ClientSampleId :
S22-0004

Tgt Ion:330 Resp: 198867

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	37.4	31.7	47.5

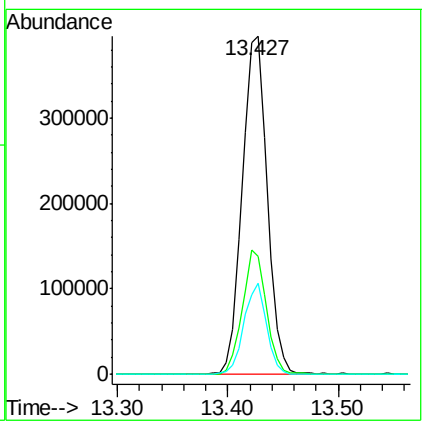


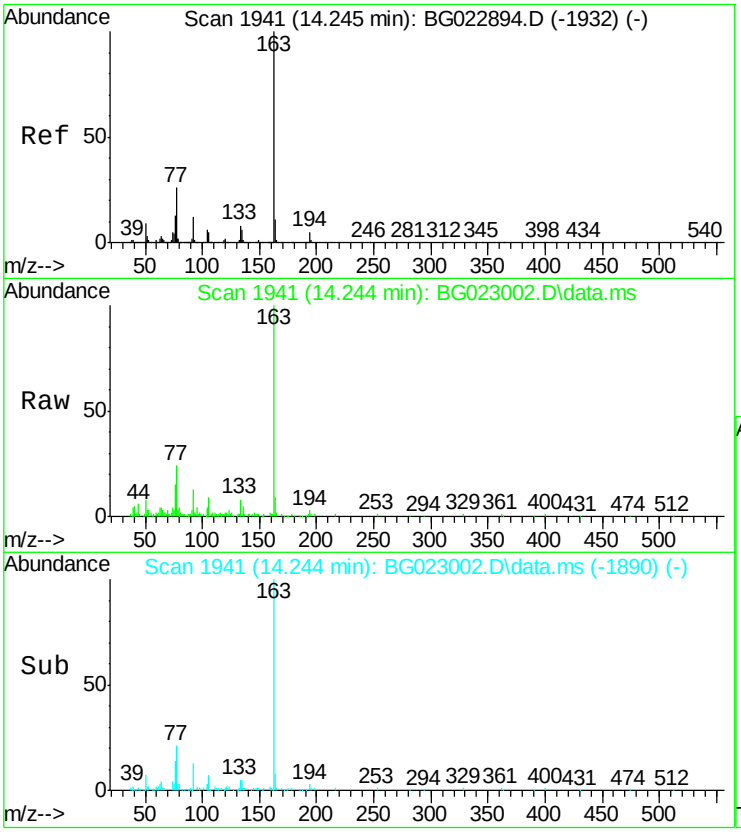


#44
2-Fluorobiphenyl
Concen: 25.81 ng
RT: 13.427 min Scan# 1802
Delta R.T. 0.011 min
Lab File: BG023002.D
Acq: 11 Jul 2016 14:10

Tgt Ion:172 Resp: 632001

Ion	Ratio	Lower	Upper
172	100		
171	34.8	31.6	47.4
170	27.0	21.3	31.9



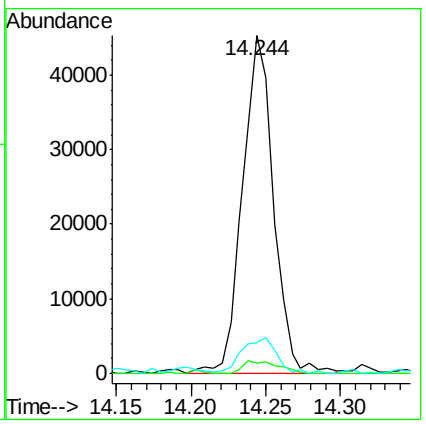


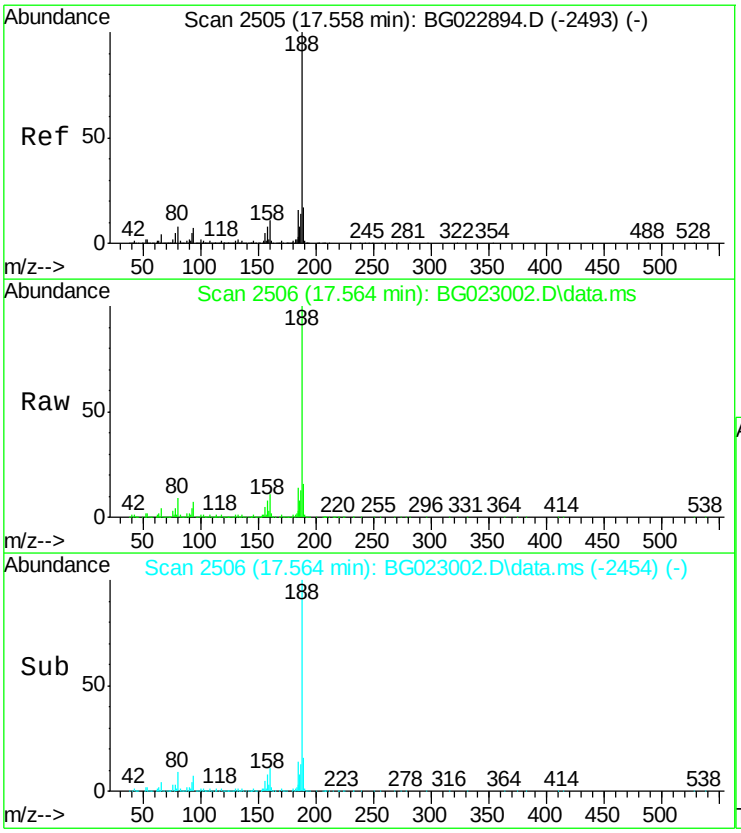
#49
Dimethylphthalate
Concen: 2.06 ng
RT: 14.244 min Scan# 19
Delta R.T. -0.001 min
Lab File: BG023002.D
Acq: 11 Jul 2016 14:10

Instrument :
BNA_G
ClientSampleId :
S22-0004

Tgt Ion:163 Resp: 64976

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.6	5.4#
164	9.1	8.1	12.1

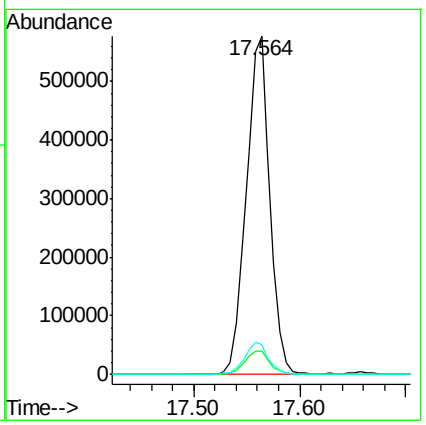


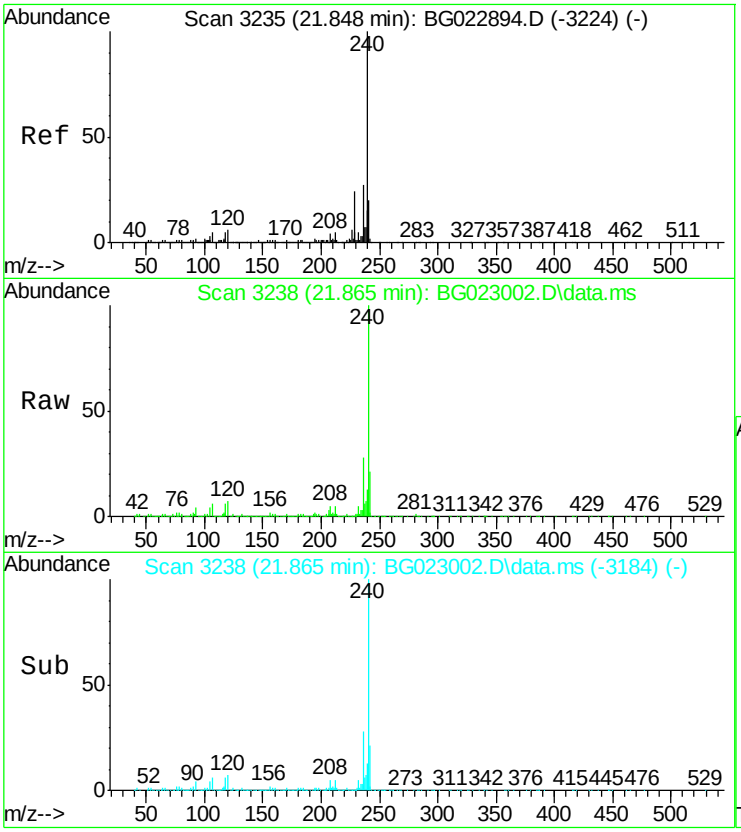


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.564 min Scan# 2506
Delta R.T. 0.005 min
Lab File: BG023002.D
Acq: 11 Jul 2016 14:10

Tgt Ion:188 Resp: 893159

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.2	7.8
80	8.9	7.2	10.8



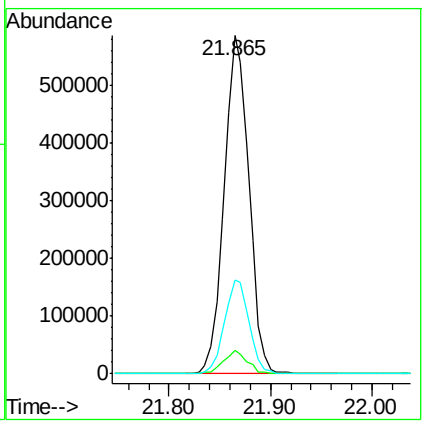


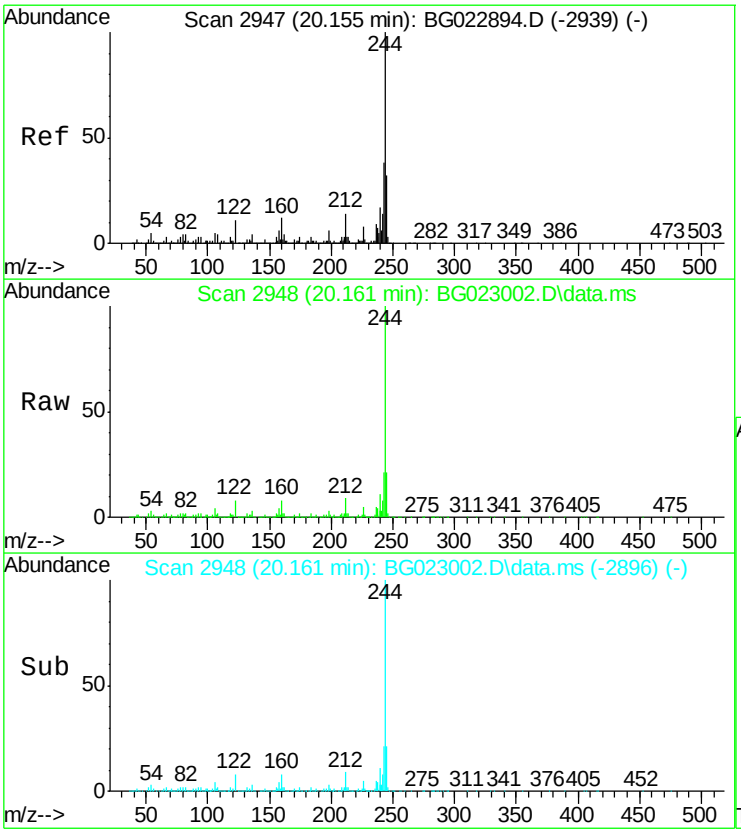
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.865 min Scan# 32
Delta R.T. 0.017 min
Lab File: BG023002.D
Acq: 11 Jul 2016 14:10

Instrument :
BNA_G
ClientSampleId :
S22-0004

Tgt Ion:240 Resp: 985920

Ion	Ratio	Lower	Upper
240	100		
120	6.8	4.1	6.1#
236	27.7	21.1	31.7

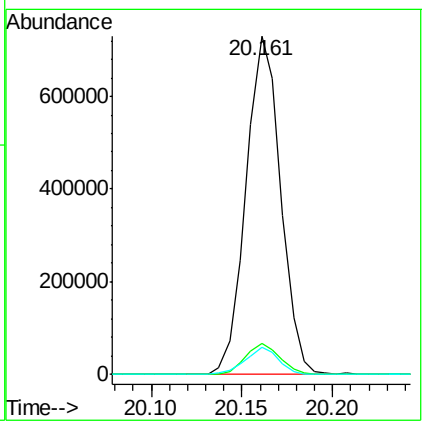


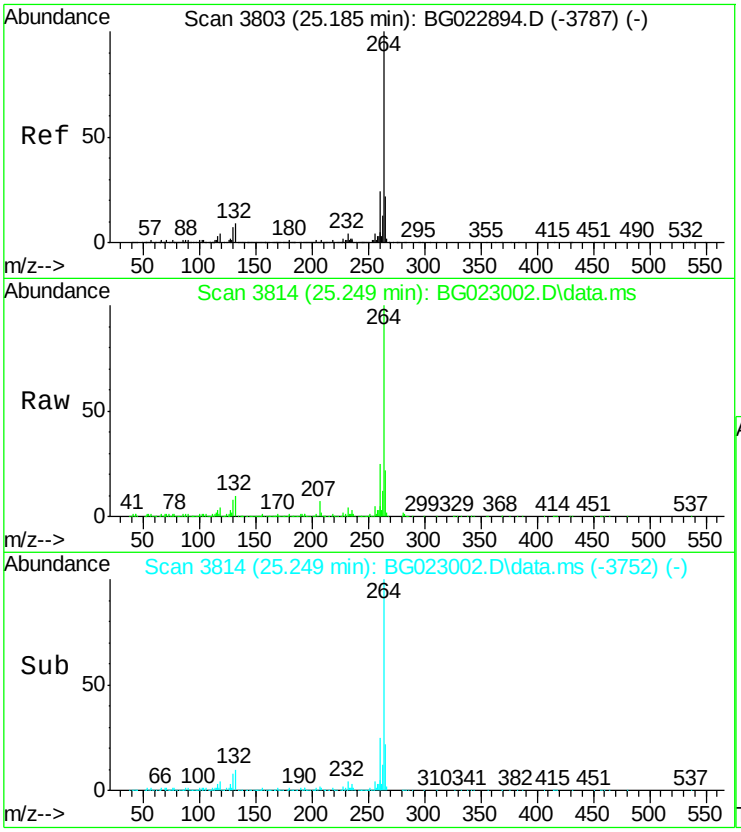


#78
Terphenyl-d14
Concen: 21.18 ng
RT: 20.161 min Scan# 2948
Delta R.T. 0.006 min
Lab File: BG023002.D
Acq: 11 Jul 2016 14:10

Tgt Ion:244 Resp: 966318

Ion	Ratio	Lower	Upper
244	100		
212	9.0	10.8	16.2#
122	7.9	8.0	12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.249 min Scan# 38
Delta R.T. 0.064 min
Lab File: BG023002.D
Acq: 11 Jul 2016 14:10

Instrument :
BNA_G
ClientSampleId :
S22-0004

Tgt Ion:264 Resp: 995714

Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.4	27.6
265	22.3	18.9	28.3