Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070916\
Data File : BG022958.D
Acq On : 9 Jul 2016 9:25
Operator : UM/SJ
Sample : H3927-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0004

Quant Time: Jul 11 01:19:36 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	99751	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	475082	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	364522	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	849230	20.00	ng	0.00
75) Chrysene-d12	21.85	240	961975	20.00	ng	0.00
86) Perylene-d12	25.21	264	999767	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	433115	71.01	ng	0.00
7) Phenol-d6	7.30	99	423730	44.36	ng	0.00
23) Nitrobenzene-d5	9.32	82	1102507	99.37	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	865489	132.11	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2205201	95.29	ng	0.00
78) Terphenyl-d14	20.15	244	3029143	113.64	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.29	77	219709	34.42	ng	# 1
15) Benzyl Alcohol	8.48	79	17702	2.02	ng	# 62
18) Hexachloroethane	9.27	117	152218	45.34	ng	# 1
22) Acetophenone	8.95	105	412595	28.94	ng	# 55
24) Nitrobenzene	9.35	77	35898	3.04	ng	# 24
27) 2,4-Dimethylphenol	10.17	122	18453	2.31	ng	82
31) Naphthalene	11.03	128	2254786	93.23	ng	95
33) 4-Chloroaniline	11.03	127	344863	29.16	ng	# 32
37) 2-Methylnaphthalene	12.63	142	577467	30.21	ng	98
45) 1,1'-Biphenyl	13.63	154	67424	2.47	ng	100
49) Dimethylphthalate	14.24	163	251360	8.44	ng	99

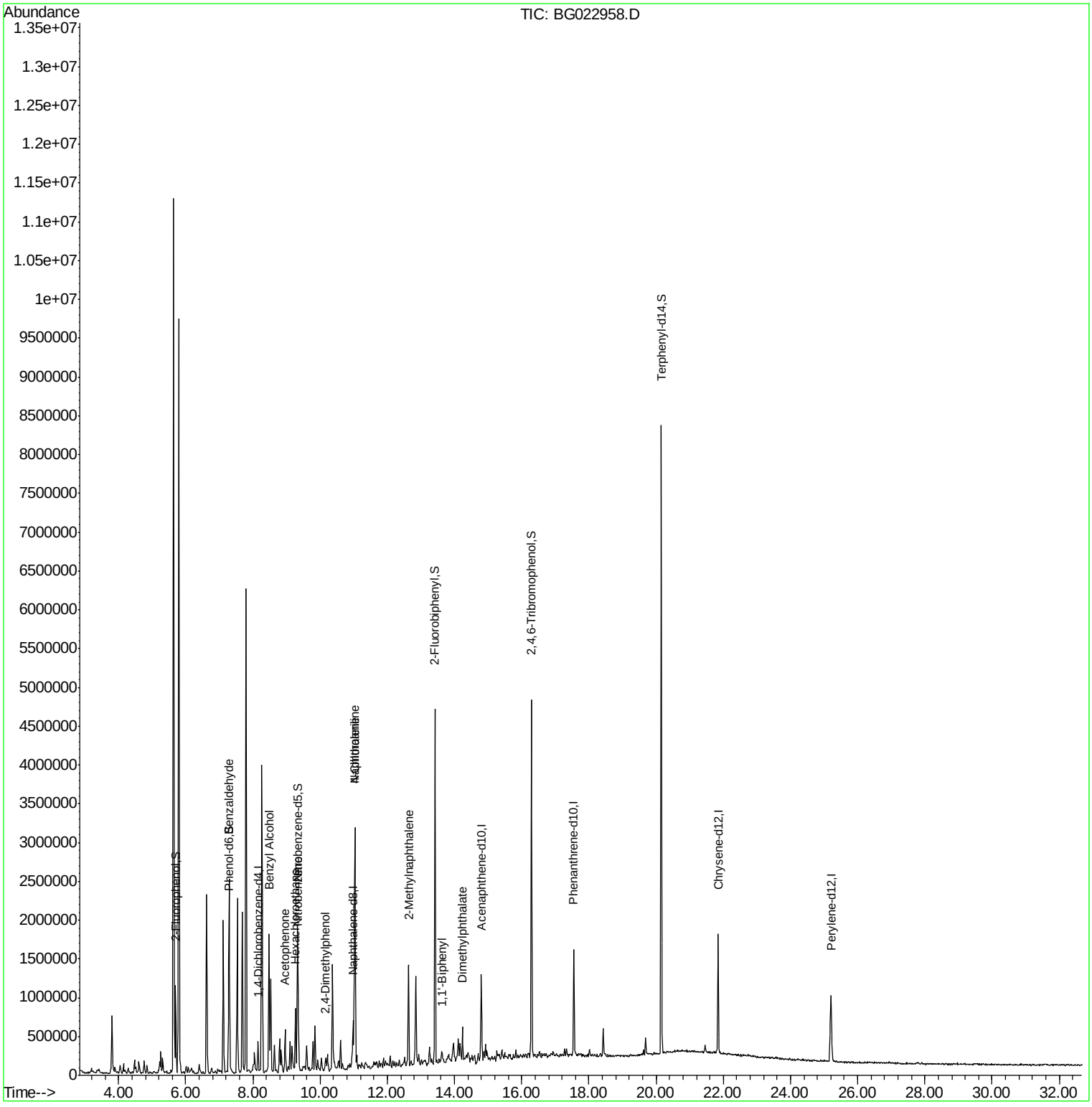
(#) = qualifier out of range (m) = manual integration (+) = signals summed

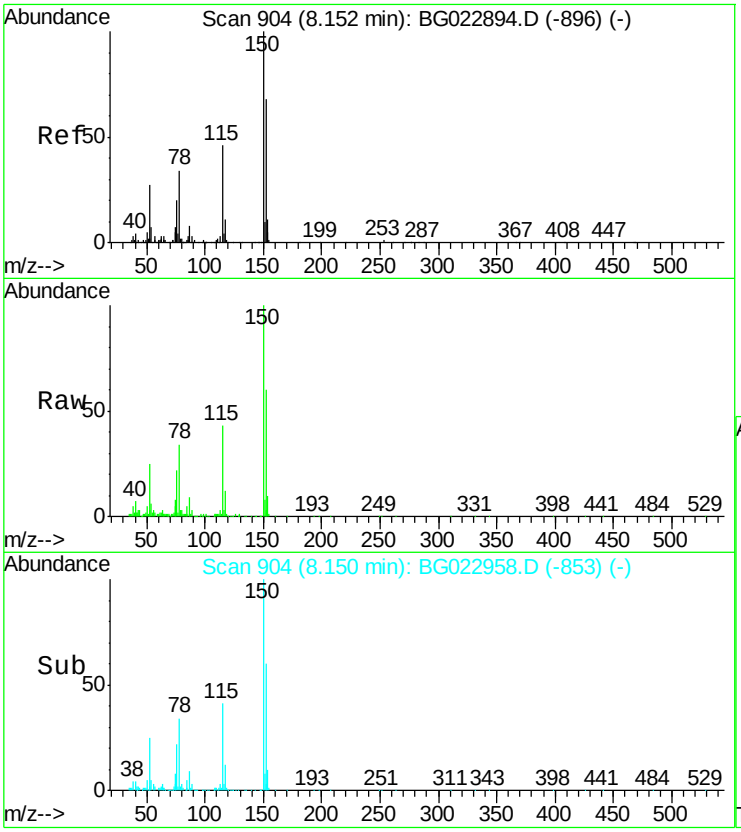
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070916\
Data File : BG022958.D
Acq On : 9 Jul 2016 9:25
Operator : UM/SJ
Sample : H3927-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S22-0004

Quant Time: Jul 11 01:19:36 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



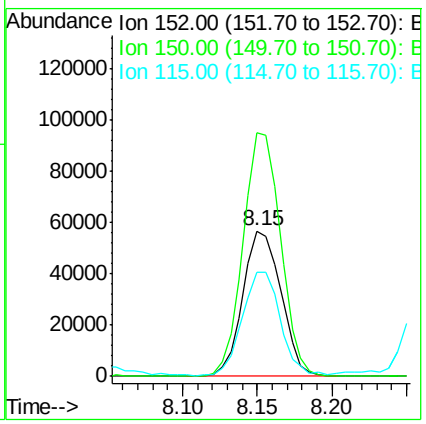


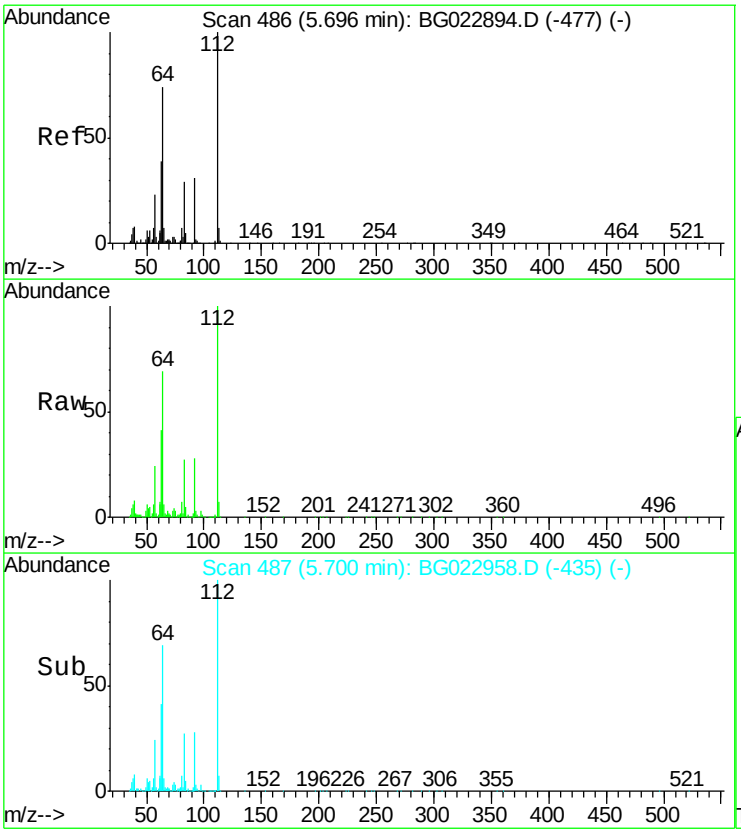
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG022958.D
Acq: 9 Jul 2016 9:25

Instrument :
BNA_G
ClientSampleId :
S22-0004

Tgt Ion:152 Resp: 99751

Ion	Ratio	Lower	Upper
152	100		
150	167.8	144.7	217.1
115	71.5	64.0	96.0

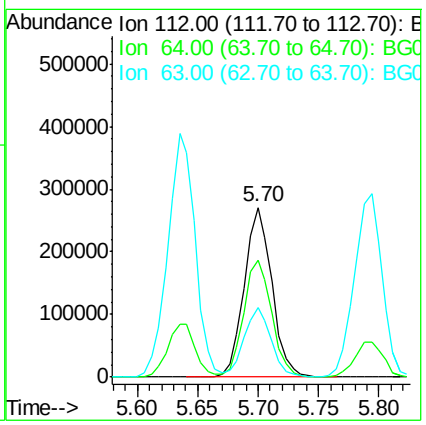


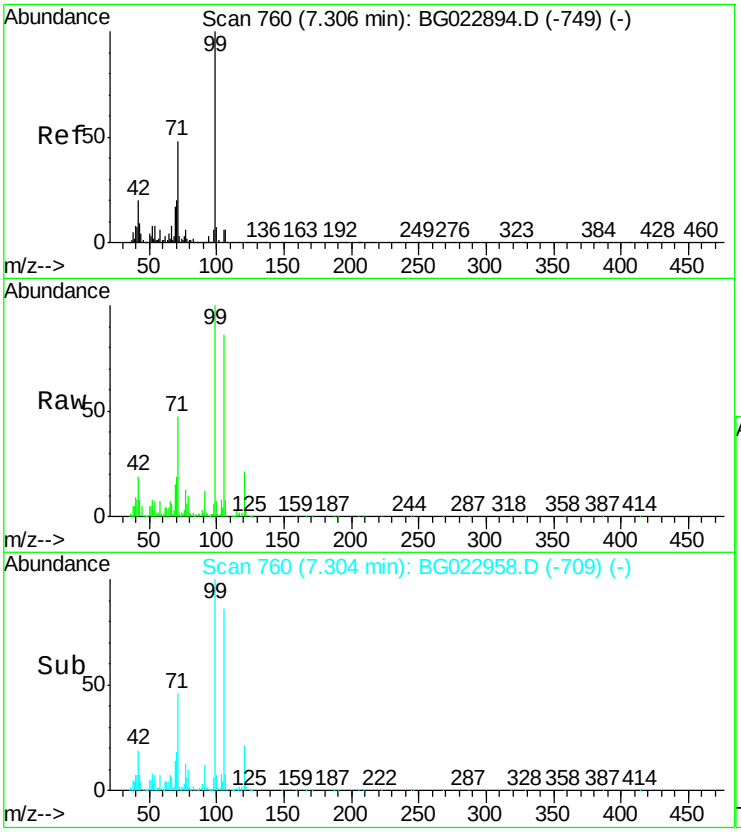


#5
2-Fluorophenol
Concen: 71.01 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG022958.D
Acq: 9 Jul 2016 9:25

Tgt Ion:112 Resp: 433115

Ion	Ratio	Lower	Upper
112	100		
64	68.5	59.0	88.4
63	41.3	37.8	56.8



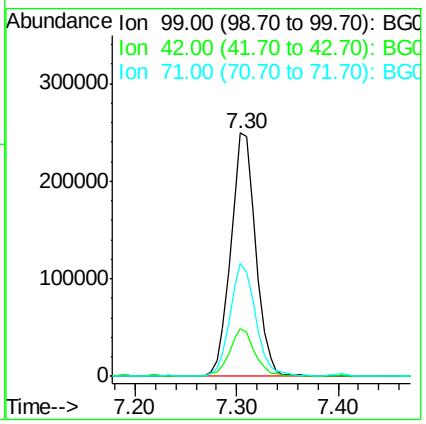


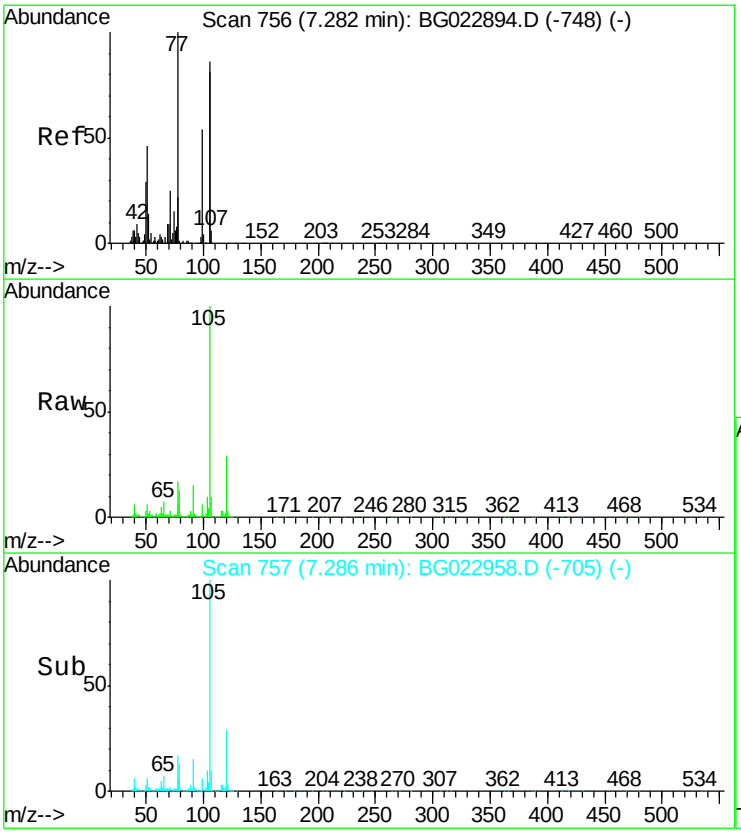
#7
Phenol-d6
Concen: 44.36 ng
RT: 7.30 min Scan# 760
Delta R.T. -0.00 min
Lab File: BG022958.D
Acq: 9 Jul 2016 9:25

Instrument :
BNA_G
ClientSampleId :
S22-0004

Tgt Ion: 99 Resp: 423730

Ion	Ratio	Lower	Upper
99	100		
42	19.5	17.8	26.6
71	46.5	41.5	62.3

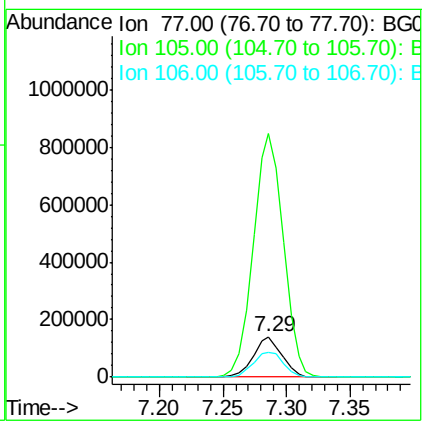


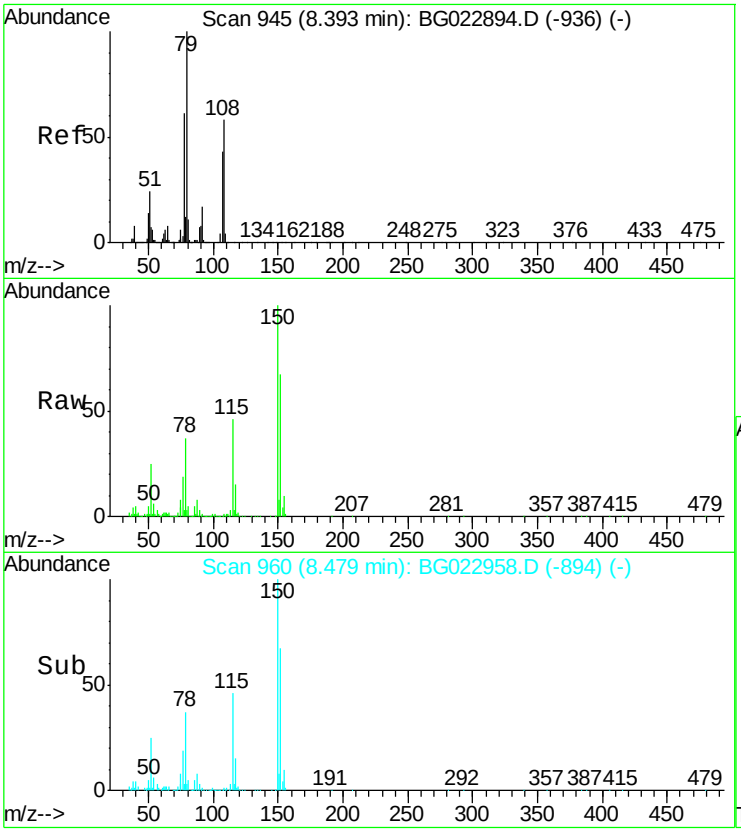


#9
Benzaldehyde
Concen: 34.42 ng
RT: 7.29 min Scan# 757
Delta R.T. 0.00 min
Lab File: BG022958.D
Acq: 9 Jul 2016 9:25

Tgt Ion: 77 Resp: 219709

Ion	Ratio	Lower	Upper
77	100		
105	603.9	58.7	98.7#
106	61.4	67.5	107.5#



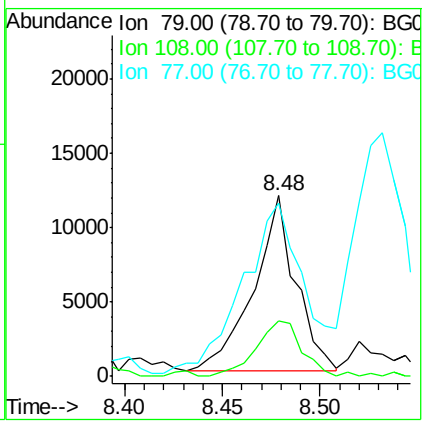


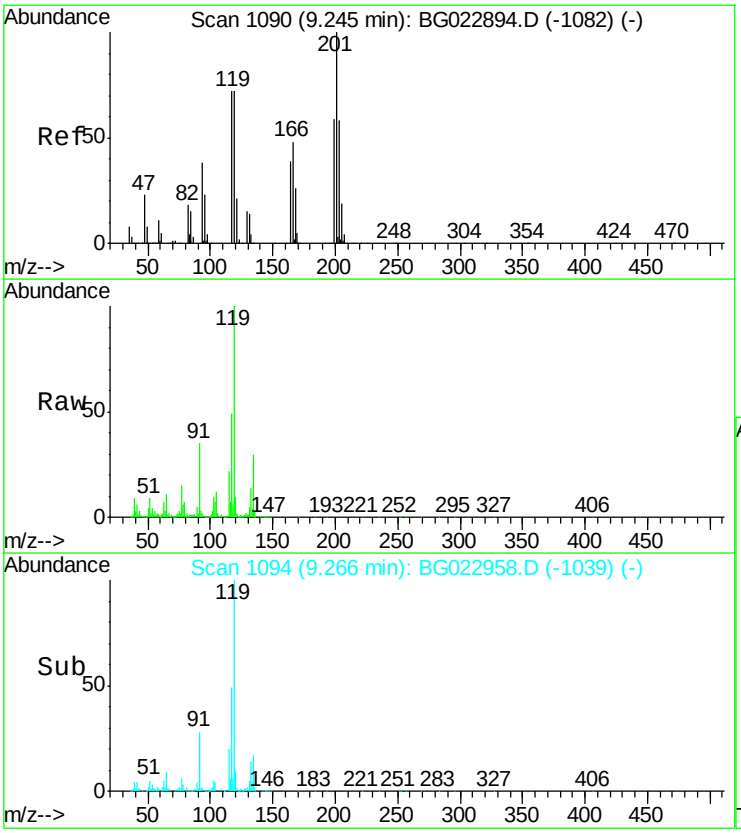
#15
Benzyl Alcohol
Concen: 2.02 ng
RT: 8.48 min Scan# 960
Delta R.T. 0.09 min
Lab File: BG022958.D
Acq: 9 Jul 2016 9:25

Instrument :
BNA_G
ClientSampleId :
S22-0004

Tgt Ion: 79 Resp: 17702

Ion	Ratio	Lower	Upper
79	100		
108	31.1	46.5	69.7#
77	96.1	52.3	78.5#

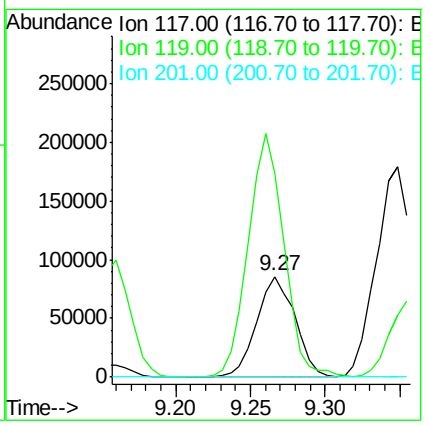


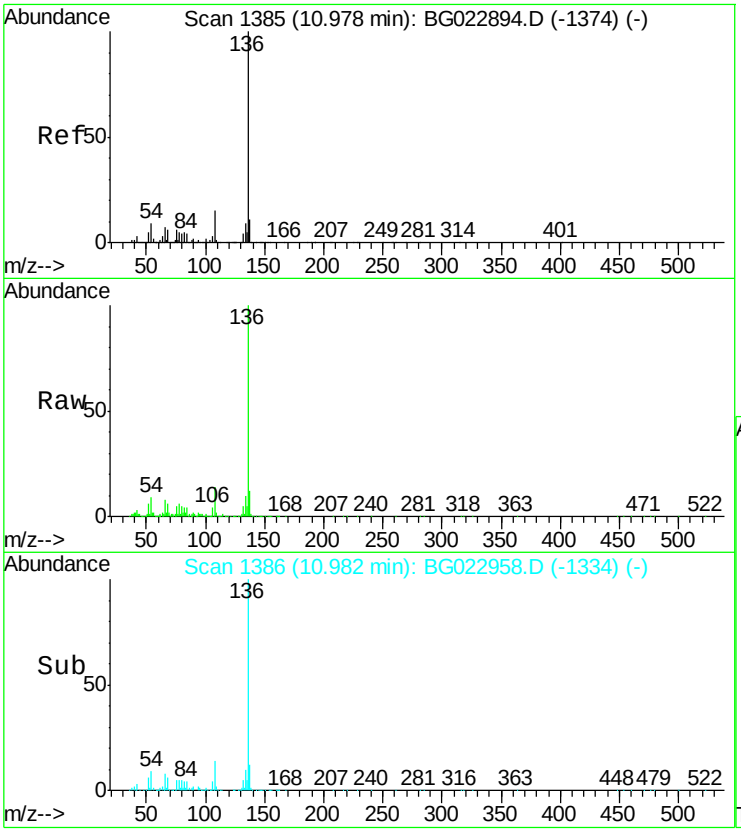


#18
Hexachloroethane
Concen: 45.34 ng
RT: 9.27 min Scan# 1094
Delta R.T. 0.02 min
Lab File: BG022958.D
Acq: 9 Jul 2016 9:25

Tgt Ion:117 Resp: 152218

Ion	Ratio	Lower	Upper
117	100		
119	202.2	73.7	110.5#
201	0.0	88.7	133.1#



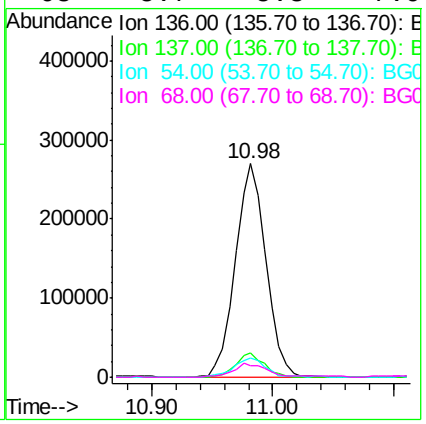


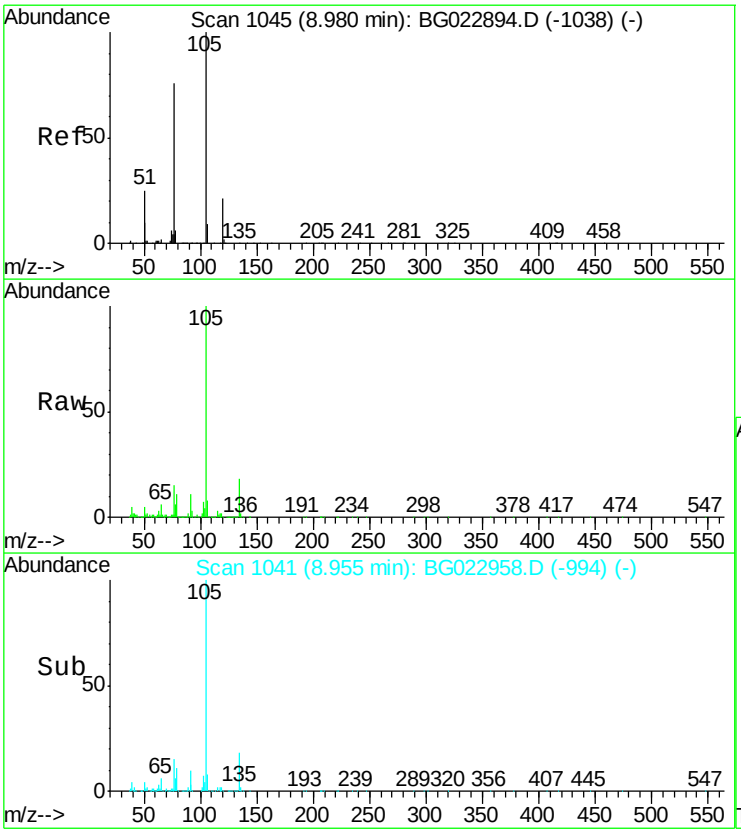
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG022958.D
Acq: 9 Jul 2016 9:25

Instrument :
BNA_G
ClientSampleId :
S22-0004

Tgt Ion:136 Resp: 475082

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	9.2	7.3	10.9
68	5.7	5.3	7.9

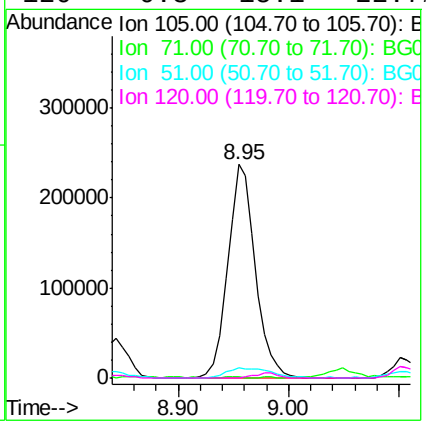


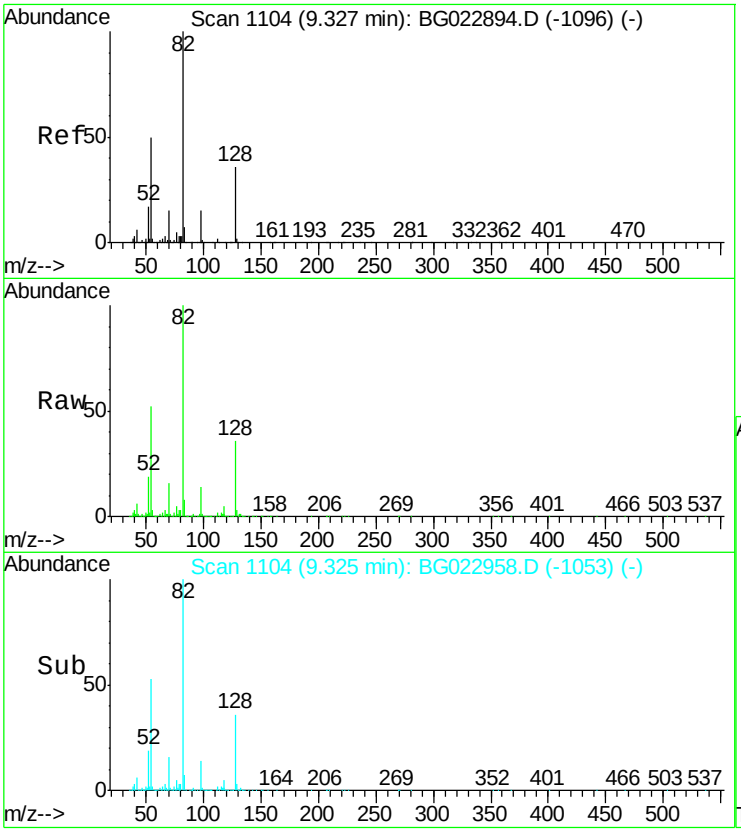


#22
Acetophenone
Concen: 28.94 ng
RT: 8.95 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BG022958.D
Acq: 9 Jul 2016 9:25

Tgt Ion:105 Resp: 412595

Ion	Ratio	Lower	Upper
105	100		
71	0.4	2.6	3.8#
51	4.7	27.1	40.7#
120	0.3	15.1	22.7#



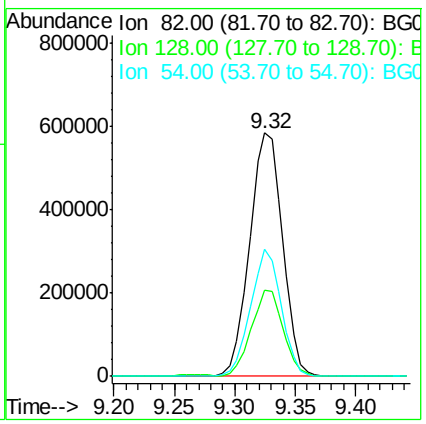


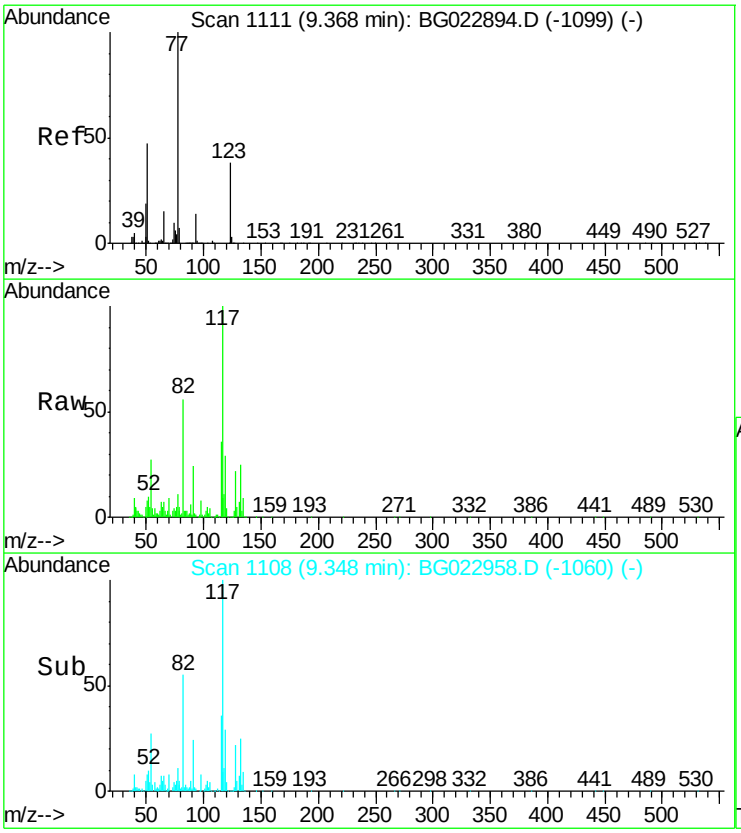
#23
Nitrobenzene-d5
Concen: 99.37 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG022958.D
Acq: 9 Jul 2016 9:25

Instrument :
BNA_G
ClientSampleId :
S22-0004

Tgt Ion: 82 Resp: 1102507

Ion	Ratio	Lower	Upper
82	100		
128	35.5	24.4	36.6
54	52.4	41.4	62.0

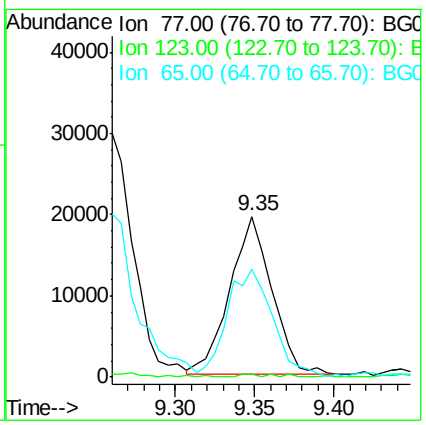


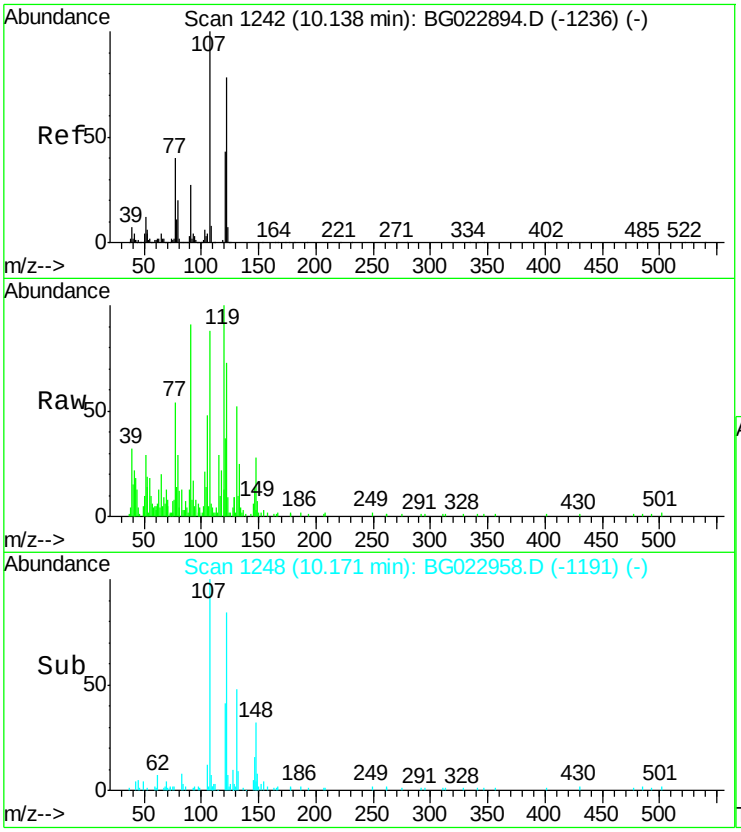


#24
Nitrobenzene
Concen: 3.04 ng
RT: 9.35 min Scan# 1108
Delta R.T. -0.02 min
Lab File: BG022958.D
Acq: 9 Jul 2016 9:25

Tgt Ion: 77 Resp: 35898

Ion	Ratio	Lower	Upper
77	100		
123	1.5	25.0	37.6#
65	67.0	13.4	20.0#



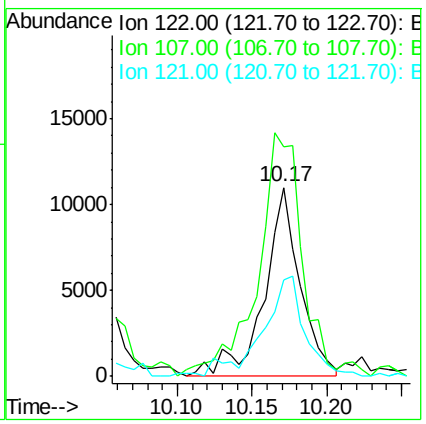


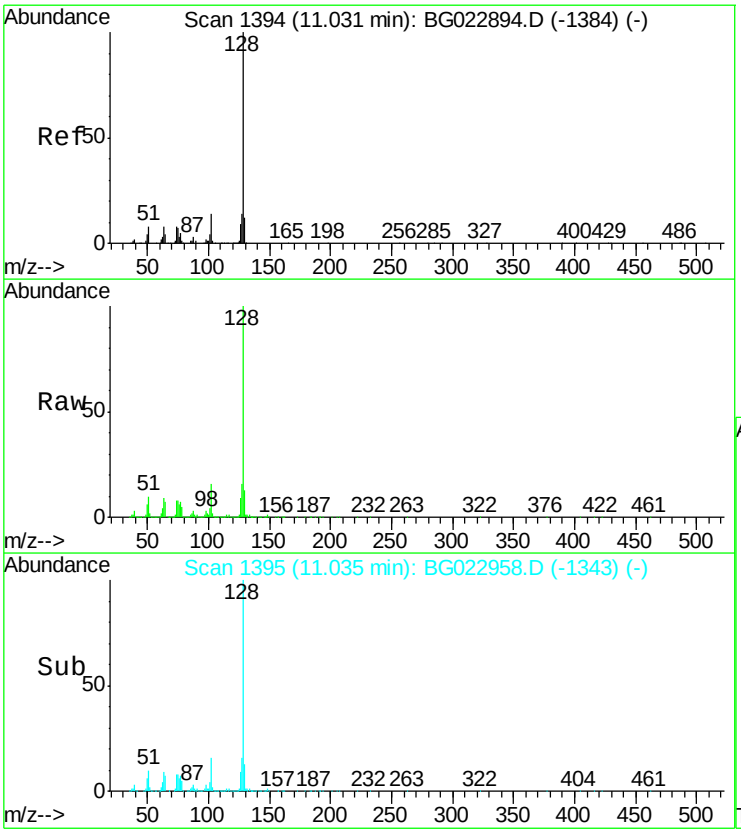
#27
2,4-Dimethylphenol
Concen: 2.31 ng
RT: 10.17 min Scan# 1248
Delta R.T. 0.03 min
Lab File: BG022958.D
Acq: 9 Jul 2016 9:25

Instrument :
BNA_G
ClientSampleId :
S22-0004

Tgt Ion:122 Resp: 18453

Ion	Ratio	Lower	Upper
122	100		
107	121.4	117.0	175.4
121	51.2	50.1	75.1

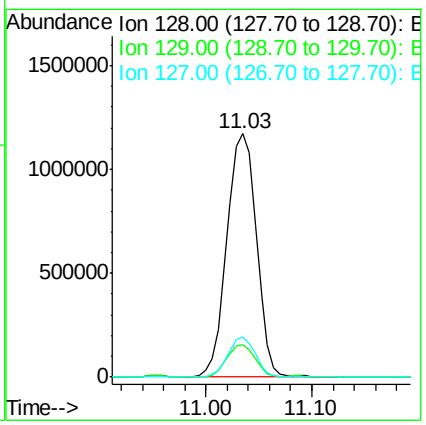


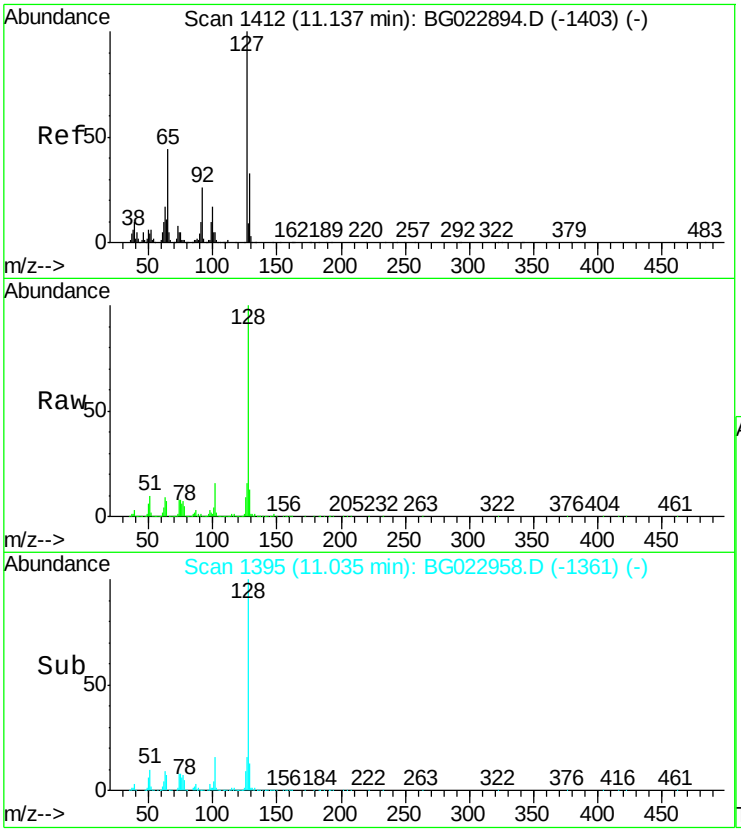


#31
Naphthalene
Concen: 93.23 ng
RT: 11.03 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BG022958.D
Acq: 9 Jul 2016 9:25

Tgt Ion:128 Resp: 2254786

Ion	Ratio	Lower	Upper
128	100		
129	13.2	9.4	14.0
127	16.4	11.3	16.9



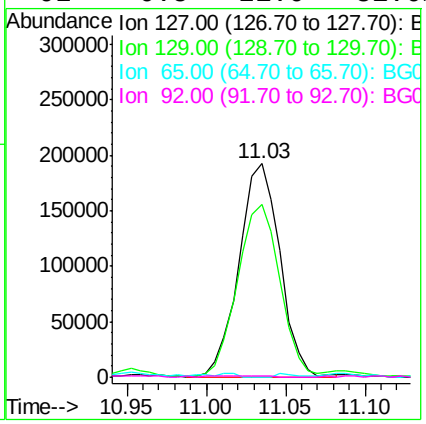


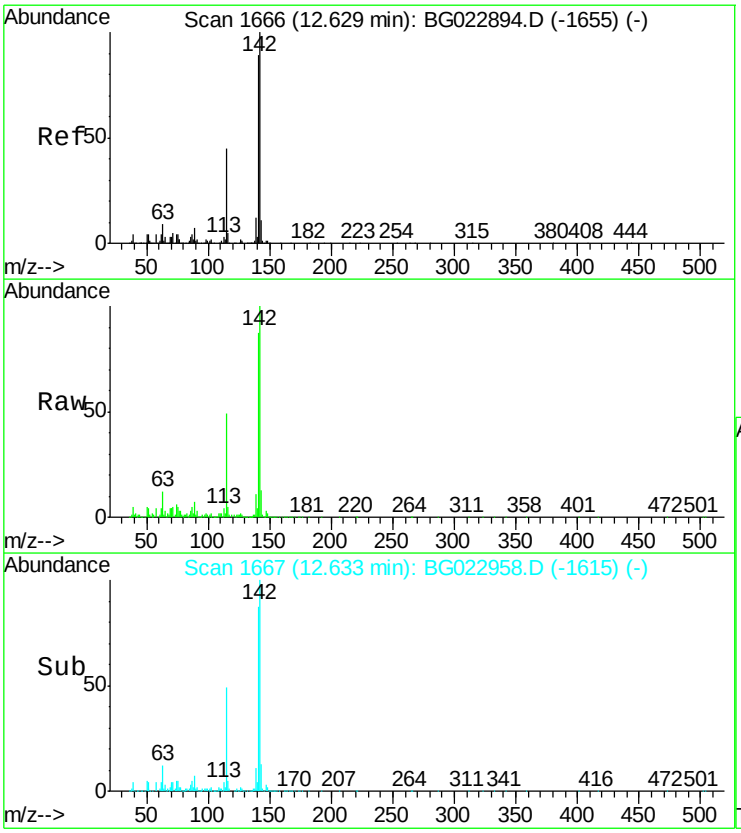
#33
4-Chloroaniline
Concen: 29.16 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.10 min
Lab File: BG022958.D
Acq: 9 Jul 2016 9:25

Instrument :
BNA_G
ClientSampleId :
S22-0004

Tgt Ion:127 Resp: 344863

Ion	Ratio	Lower	Upper
127	100		
129	80.6	27.9	41.9#
65	0.0	36.8	55.2#
92	0.5	21.0	31.6#

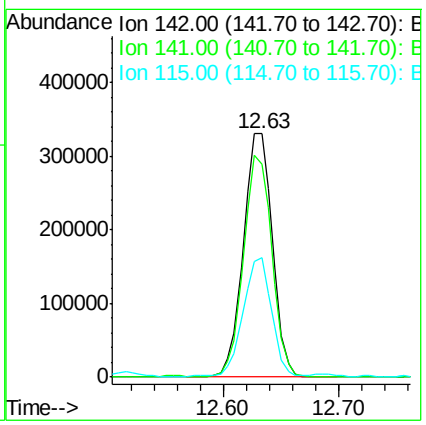


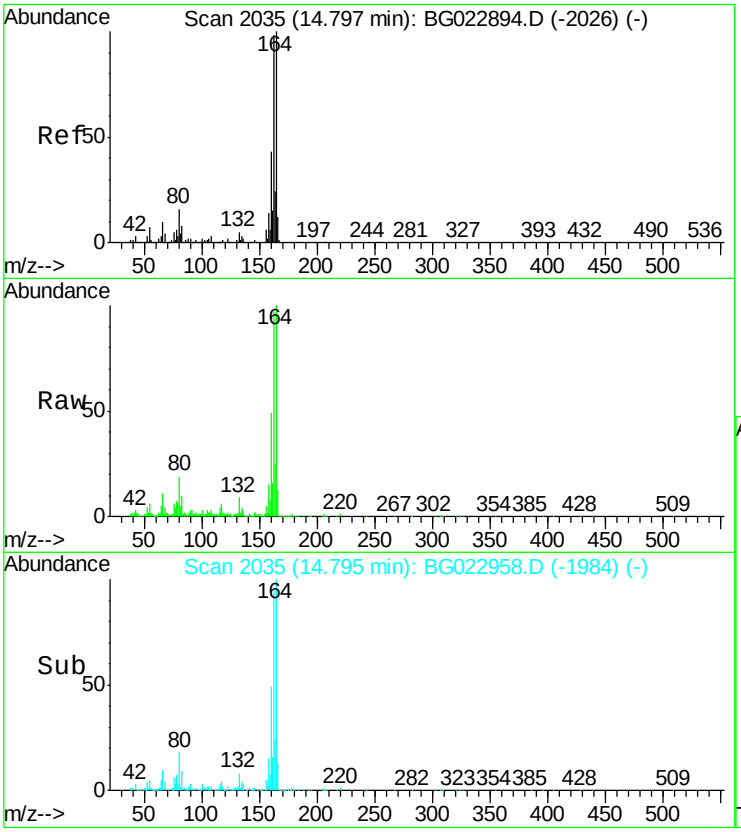


#37
2-Methylnaphthalene
Concen: 30.21 ng
RT: 12.63 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BG022958.D
Acq: 9 Jul 2016 9:25

Tgt Ion:142 Resp: 577467

Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.2	105.2
115	49.1	41.7	62.5



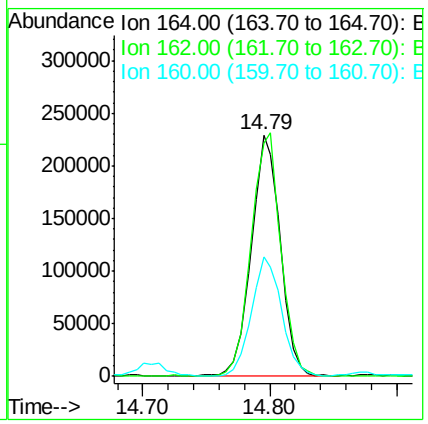


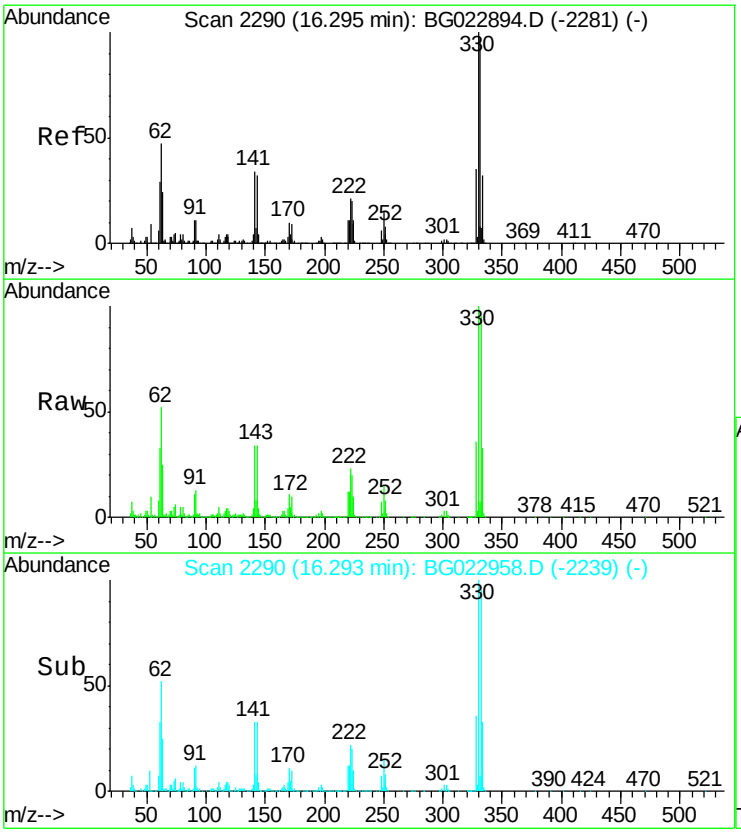
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG022958.D
Acq: 9 Jul 2016 9:25

Instrument :
BNA_G
ClientSampleId :
S22-0004

Tgt Ion:164 Resp: 364522

Ion	Ratio	Lower	Upper
164	100		
162	96.5	87.7	131.5
160	49.4	37.2	55.8

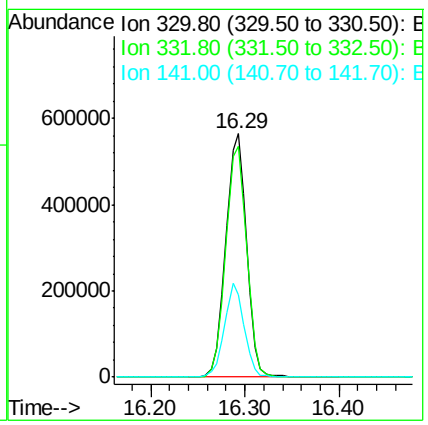


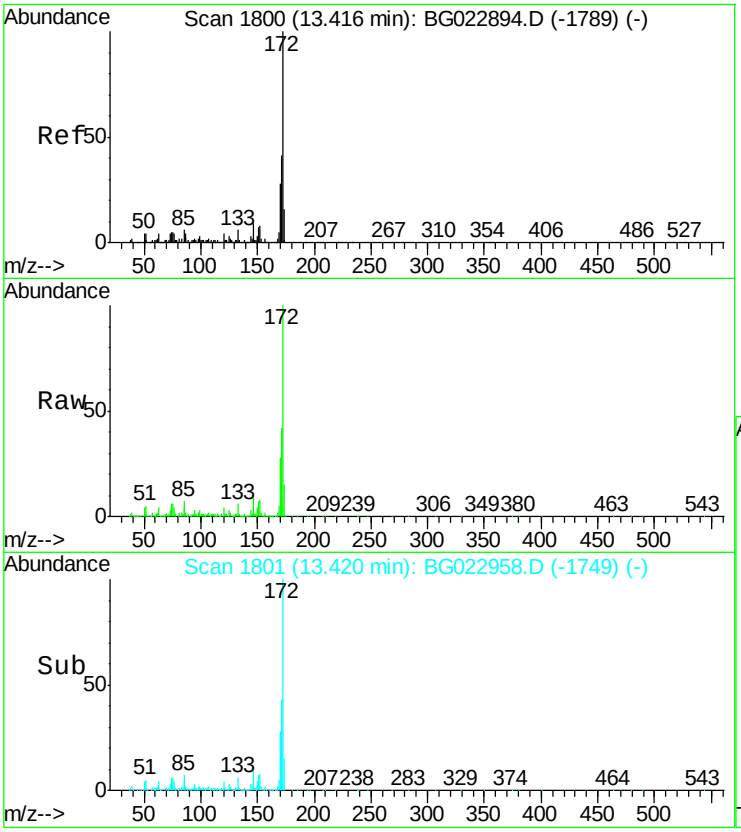


#41
2,4,6-Tribromophenol
Concen: 132.11 ng
RT: 16.29 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BG022958.D
Acq: 9 Jul 2016 9:25

Tgt Ion:330 Resp: 865489

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.2
141	35.8	31.7	47.5



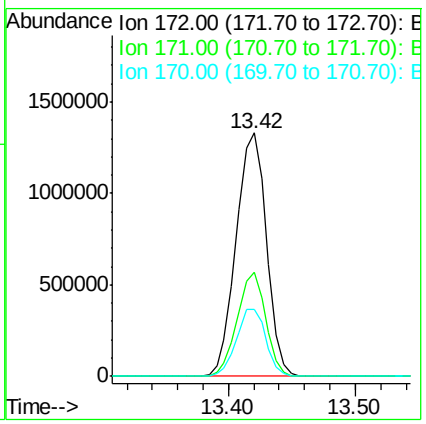


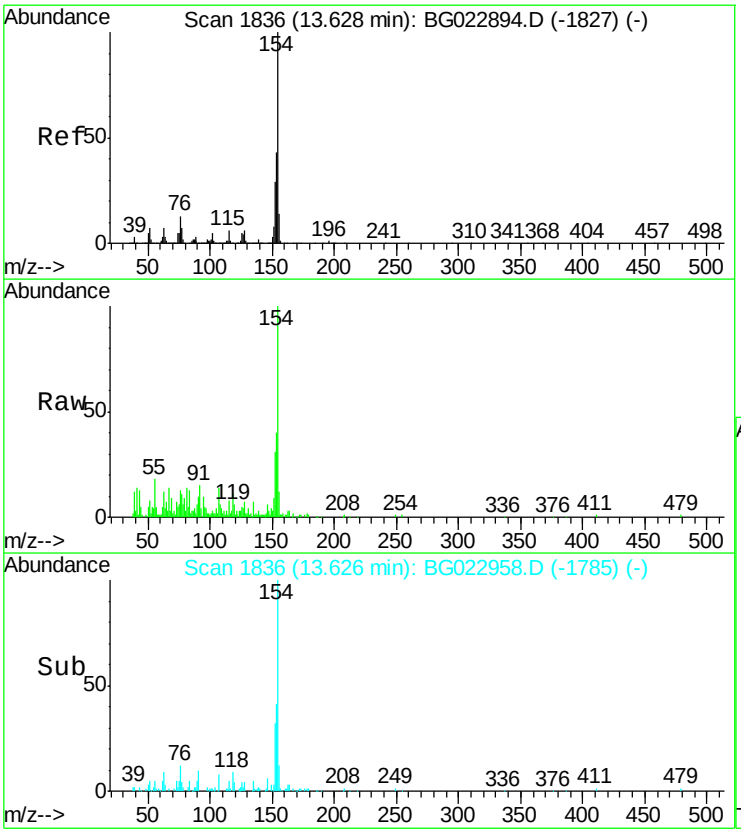
#44
2-Fluorobiphenyl
Concen: 95.29 ng
RT: 13.42 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BG022958.D
Acq: 9 Jul 2016 9:25

Instrument :
BNA_G
ClientSampleId :
S22-0004

Tgt Ion:172 Resp: 2205201

Ion	Ratio	Lower	Upper
172	100		
171	42.5	31.6	47.4
170	27.6	21.3	31.9

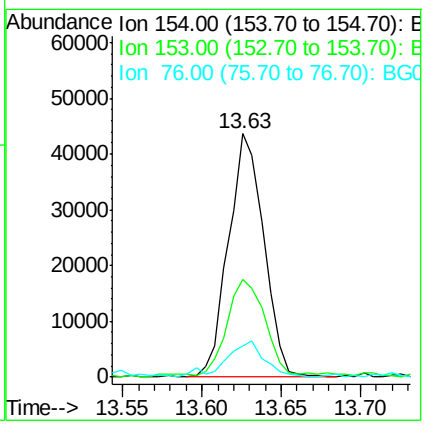


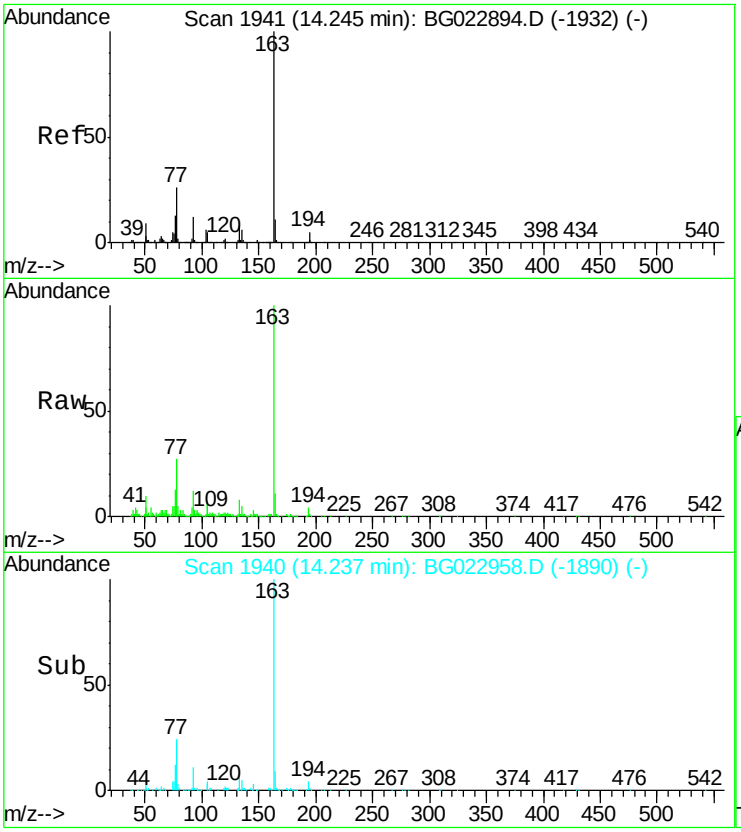


#45
1,1'-Biphenyl
Concen: 2.47 ng
RT: 13.63 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BG022958.D
Acq: 9 Jul 2016 9:25

Tgt Ion:154 Resp: 67424

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.2	60.2
76	12.9	0.0	32.9



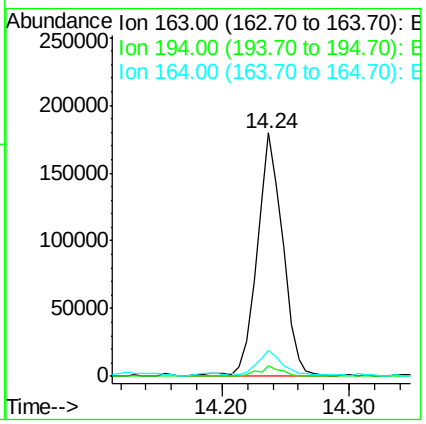


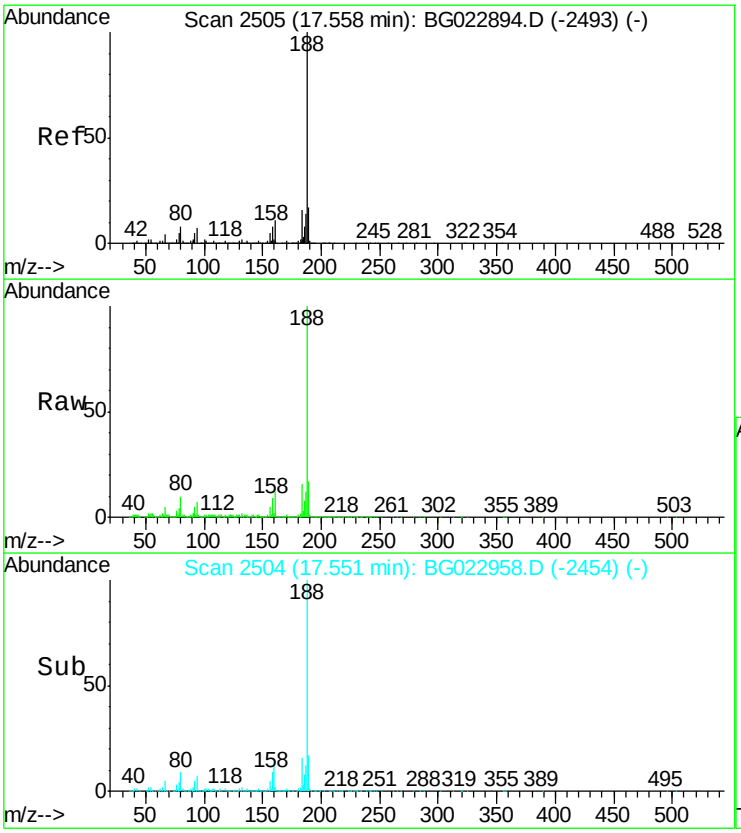
#49
Dimethylphthalate
Concen: 8.44 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022958.D
Acq: 9 Jul 2016 9:25

Instrument :
BNA_G
ClientSampleId :
S22-0004

Tgt Ion:163 Resp: 251360

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	10.7	8.1	12.1

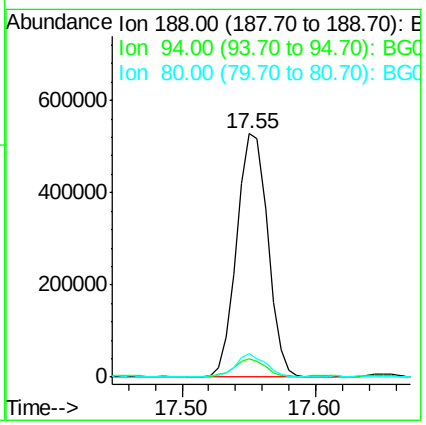


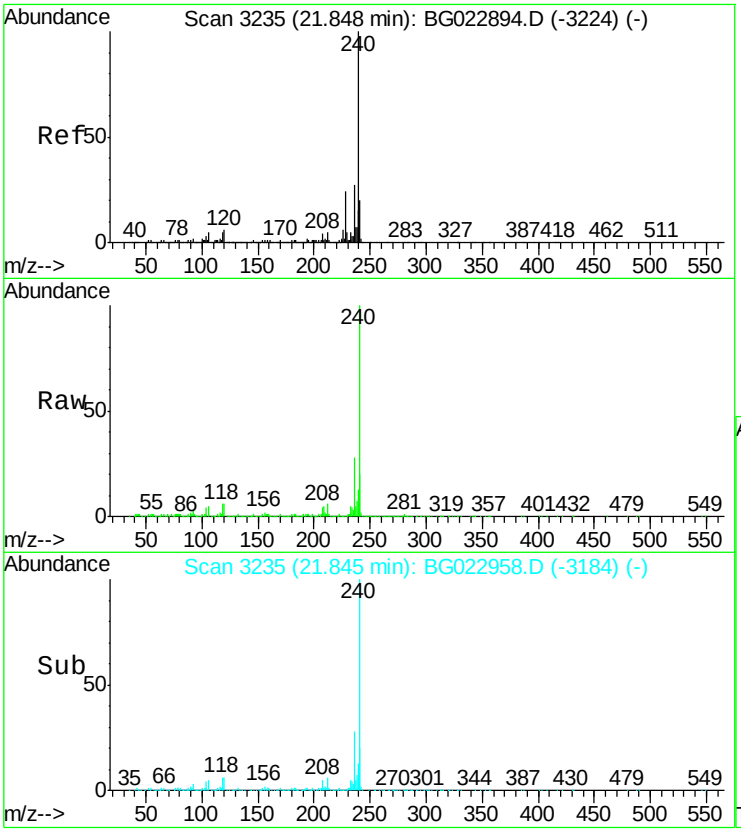


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG022958.D
Acq: 9 Jul 2016 9:25

Tgt Ion:188 Resp: 849230

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.2	7.8
80	9.7	7.2	10.8



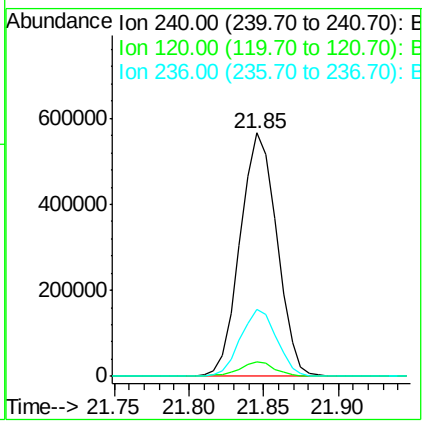


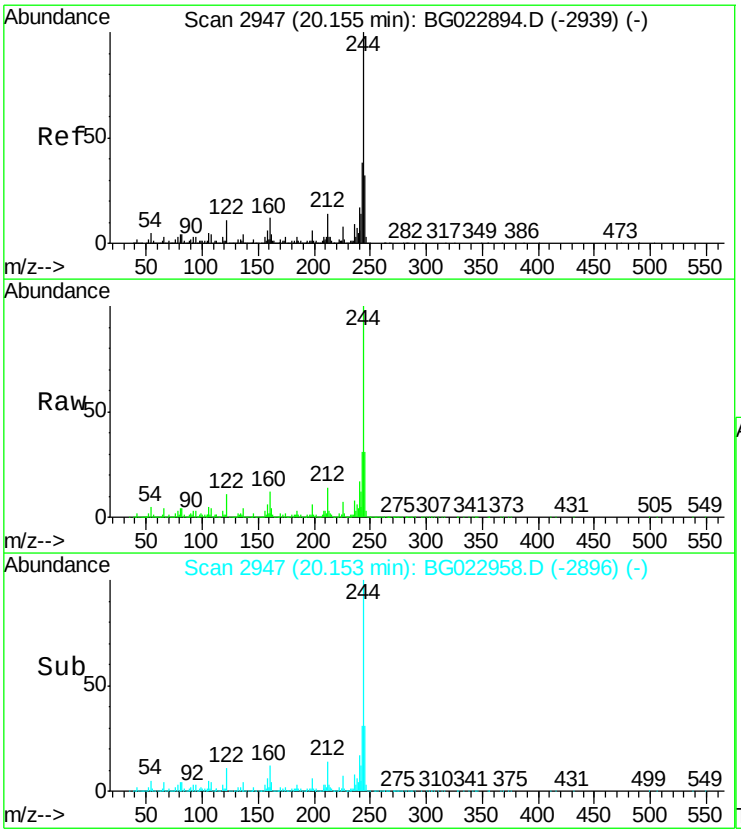
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022958.D
Acq: 9 Jul 2016 9:25

Instrument :
BNA_G
ClientSampleId :
S22-0004

Tgt Ion:240 Resp: 961975

Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.1	6.1
236	27.7	21.1	31.7

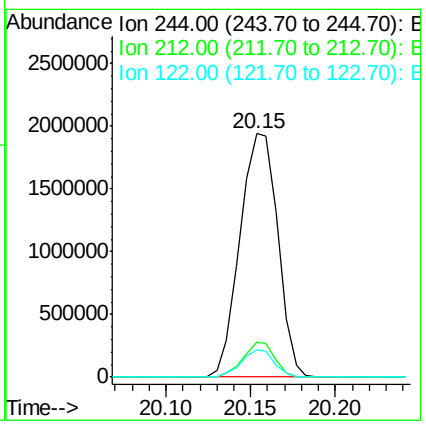


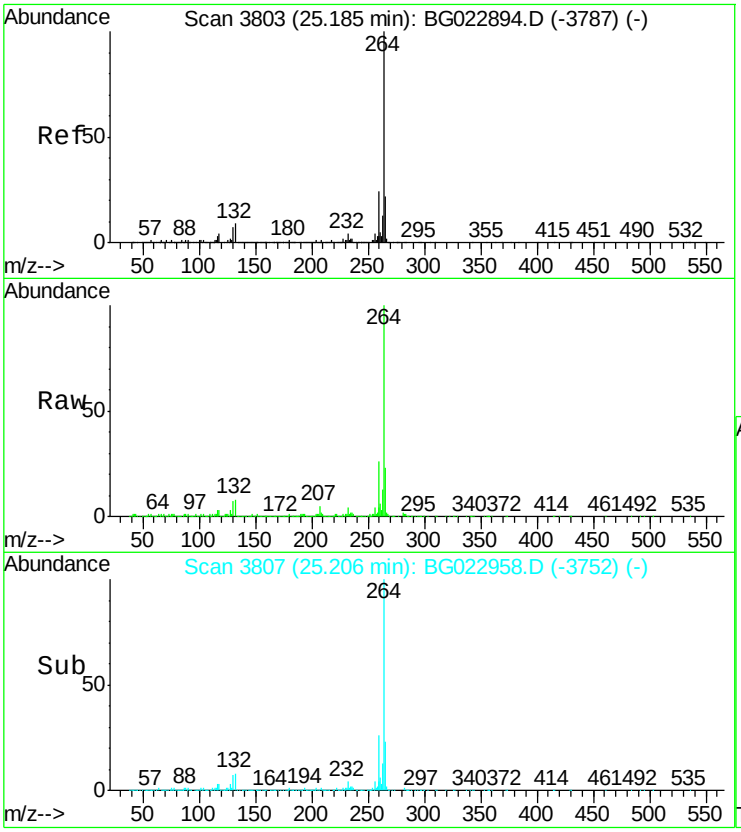


#78
Terphenyl-d14
Concen: 113.64 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG022958.D
Acq: 9 Jul 2016 9:25

Tgt Ion:244 Resp: 3029143

Ion	Ratio	Lower	Upper
244	100		
212	14.2	10.8	16.2
122	11.1	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. 0.02 min
Lab File: BG022958.D
Acq: 9 Jul 2016 9:25

Instrument :
BNA_G
ClientSampleId :
S22-0004

Tgt Ion:264 Resp: 999767

Ion	Ratio	Lower	Upper
264	100		
260	25.5	18.4	27.6
265	23.2	18.9	28.3