Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062016\
Data File : BG022452.D
Acq On : 20 Jun 2016 22:21
Operator : UM/SJ
Sample : H3679-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-39

Quant Time: Jun 21 02:13:00 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	83900	20.00	ng	0.22
21) Naphthalene-d8	11.20	136	174	20.00	ng	0.29
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.72
63) Phenanthrene-d10	17.38	188	141262	20.00	ng	-0.09
75) Chrysene-d12	21.64	240	107867	20.00	ng	-0.10
86) Perylene-d12	24.84	264	94983	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	71637	16.51	ng	-0.09
7) Phenol-d6	7.18	99	59152	8.67	ng	-0.07
23) Nitrobenzene-d5	9.49	82	520	208.35	ng	0.23
41) 2,4,6-Tribromophenol	16.13	330	78235	0.00	ng	-0.09
44) 2-Fluorobiphenyl	13.25	172	384785	0.00	ng	-0.09
78) Terphenyl-d14	19.98	244	415169	91.38	ng	-0.08
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.16	70	16044	3.47	ng	# 61
22) Acetophenone	9.09	105	111	29.60	ng	# 47
24) Nitrobenzene	9.41	77	147	58.57	ng	# 43
25) Isophorone	10.10	82	329	56.34	ng	# 67
31) Naphthalene	11.10	128	55	6.33	ng	# 1
37) 2-Methylnaphthalene	12.69	142	1781	277.71	ng	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062016\
Data File : BG022452.D
Acq On : 20 Jun 2016 22:21
Operator : UM/SJ
Sample : H3679-04
Misc :
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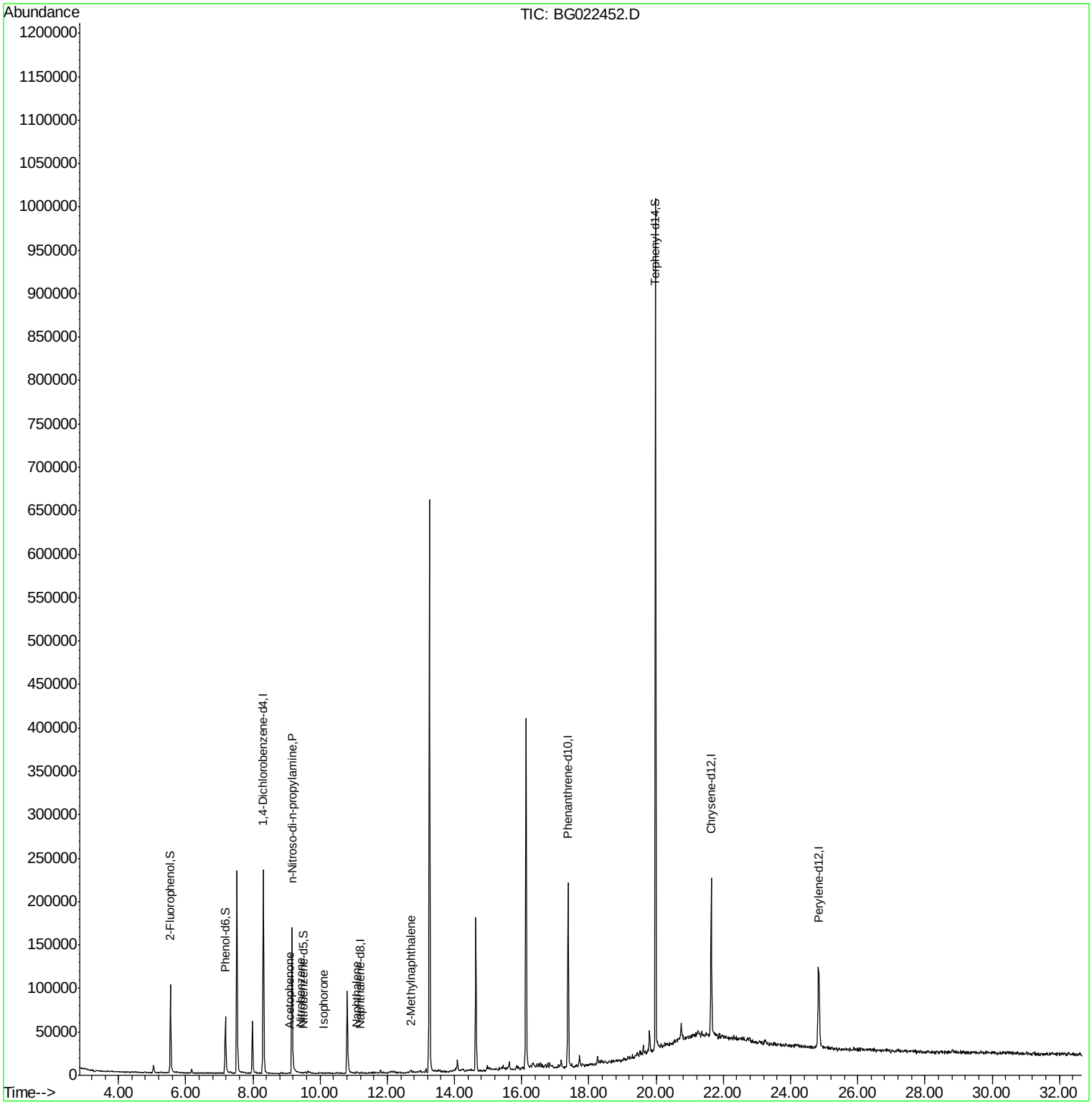
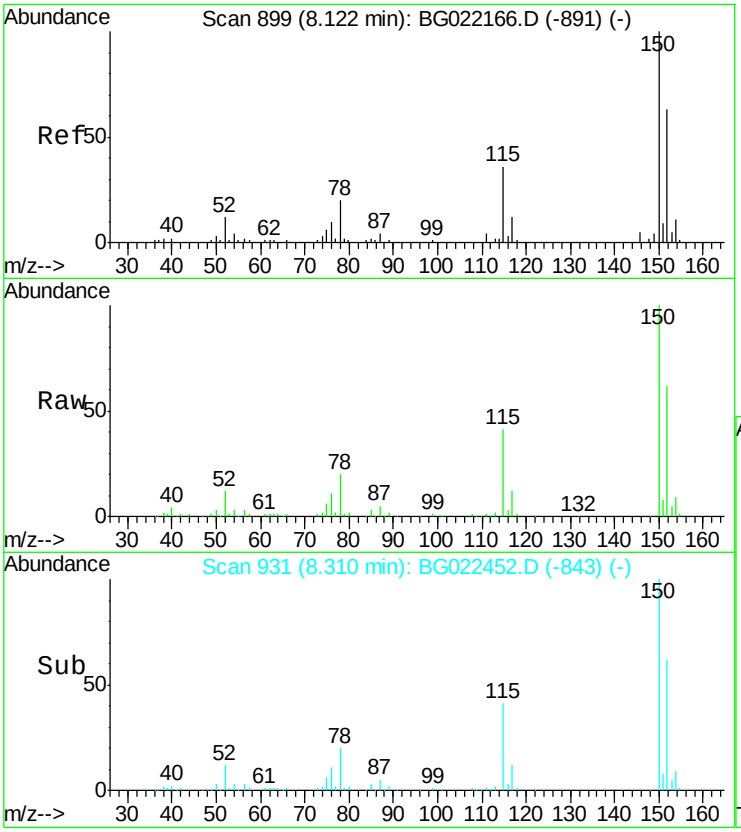


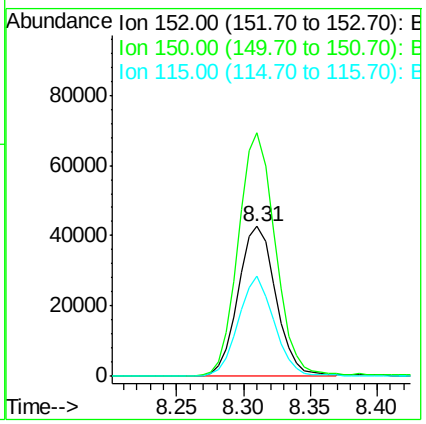


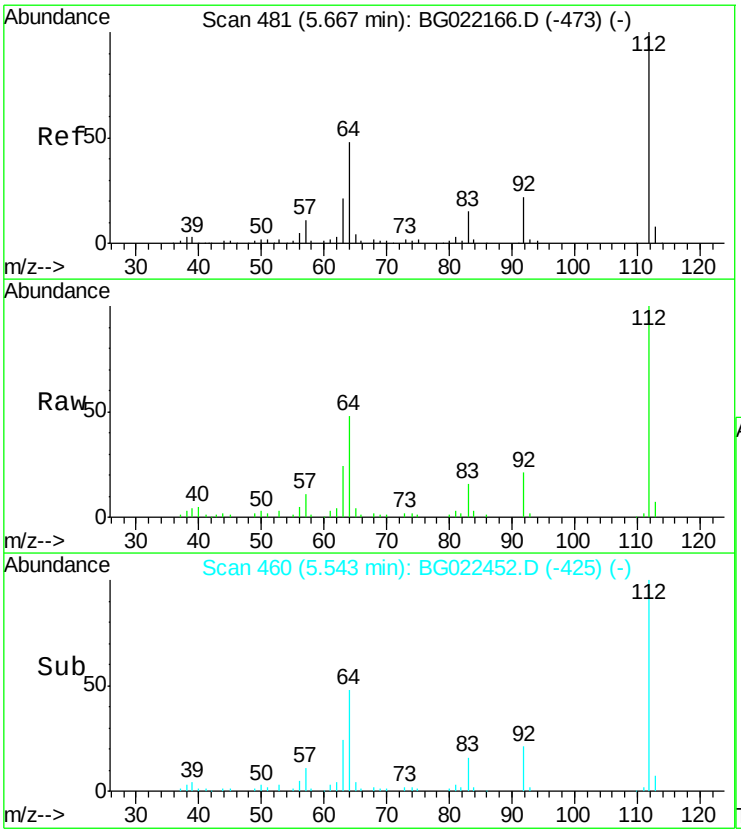
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.31 min Scan# 931
Delta R.T. 0.22 min
Lab File: BG022452.D
Acq: 20 Jun 2016 22:21

Instrument :
BNA_G
ClientSampleId :
W-39

Tgt Ion:152 Resp: 83900

Ion	Ratio	Lower	Upper
152	100		
150	162.5	130.1	195.1
115	66.9	62.2	93.2

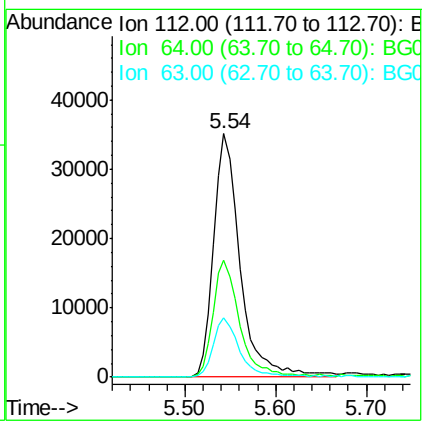


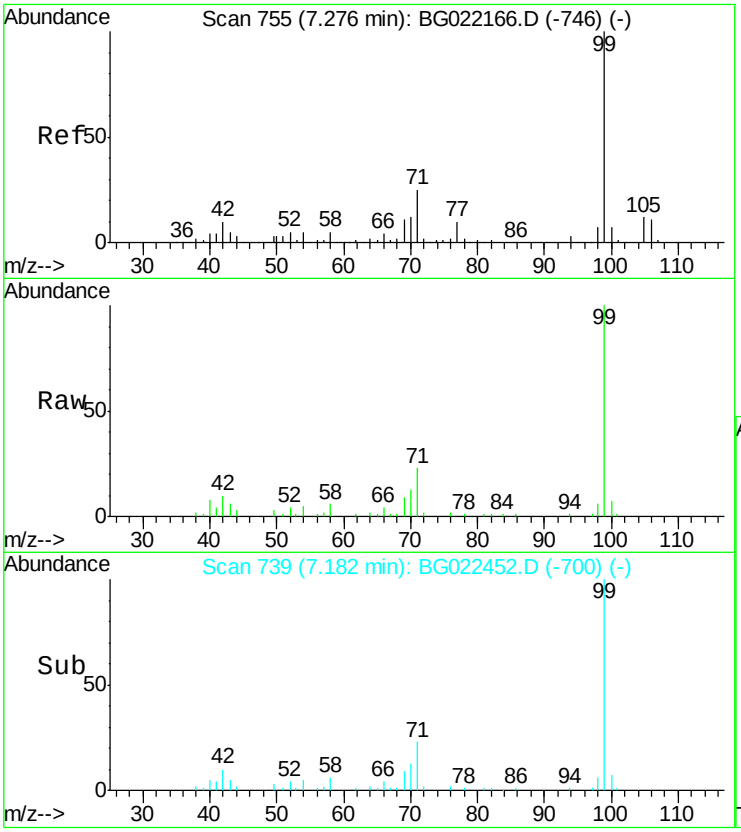


#5
2-Fluorophenol
Concen: 16.51 ng
RT: 5.54 min Scan# 460
Delta R.T. -0.09 min
Lab File: BG022452.D
Acq: 20 Jun 2016 22:21

Tgt Ion:112 Resp: 71637

Ion	Ratio	Lower	Upper
112	100		
64	47.9	51.1	76.7#
63	24.4	24.6	37.0#



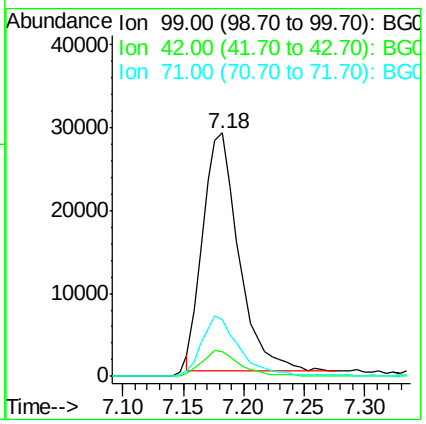


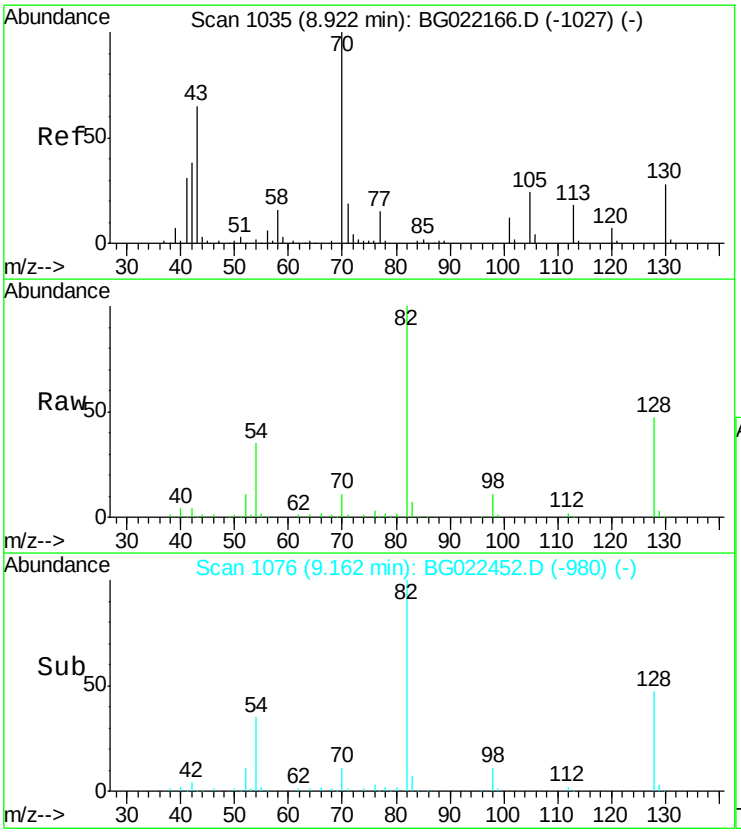
#7
Phenol-d6
Concen: 8.67 ng
RT: 7.18 min Scan# 739
Delta R.T. -0.07 min
Lab File: BG022452.D
Acq: 20 Jun 2016 22:21

Instrument :
BNA_G
ClientSampleId :
W-39

Tgt Ion: 99 Resp: 59152

Ion	Ratio	Lower	Upper
99	100		
42	9.9	16.4	24.6#
71	23.3	25.0	37.4#

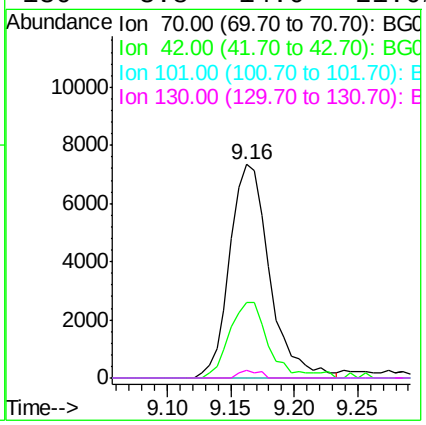


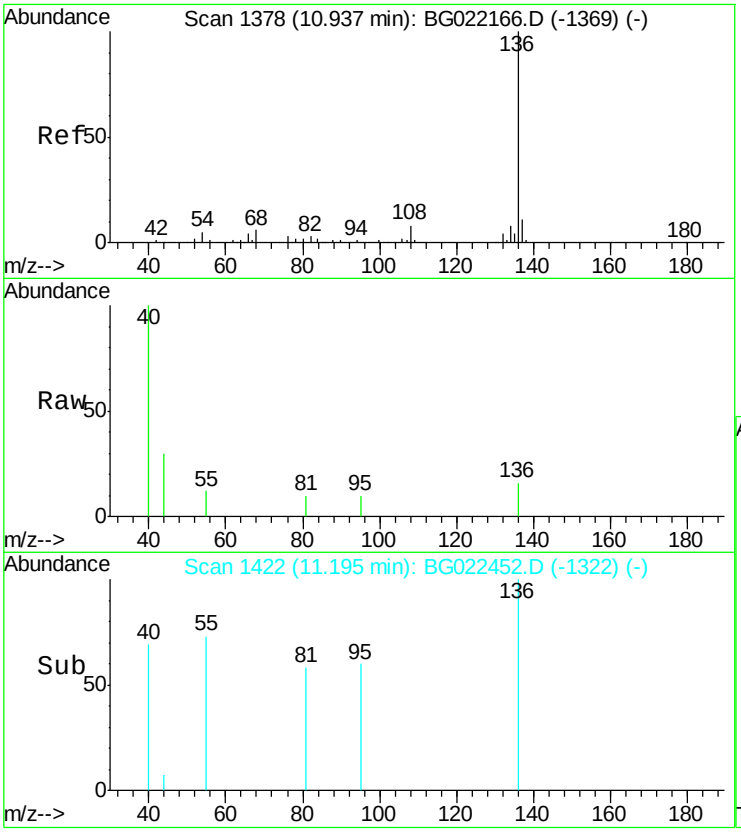


#19
n-Nitroso-di-n-propylamine
Concen: 3.47 ng
RT: 9.16 min Scan# 1076
Delta R.T. 0.27 min
Lab File: BG022452.D
Acq: 20 Jun 2016 22:21

Tgt Ion: 70 Resp: 16044

Ion	Ratio	Lower	Upper
70	100		
42	35.4	56.7	85.1#
101	0.0	8.2	12.4#
130	3.8	14.0	21.0#



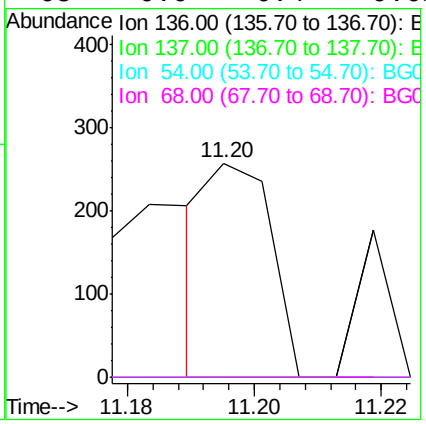


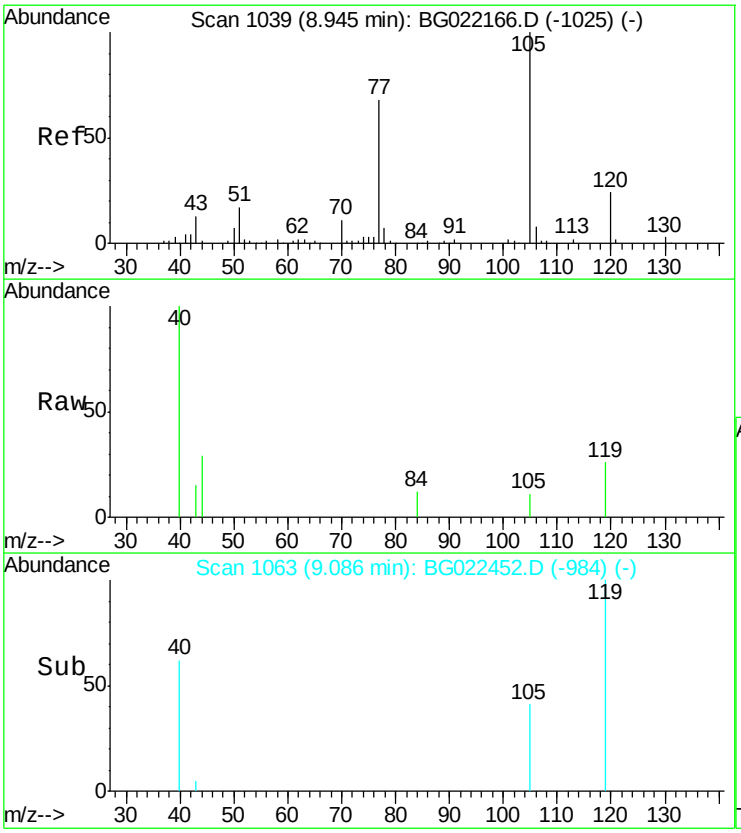
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.20 min Scan# 1422
Delta R.T. 0.29 min
Lab File: BG022452.D
Acq: 20 Jun 2016 22:21

Instrument :
BNA_G
ClientSampleId :
W-39

Tgt Ion:136 Resp: 174

Ion	Ratio	Lower	Upper
136	100		
137	0.0	9.0	13.4#
54	0.0	9.6	14.4#
68	0.0	6.4	9.6#

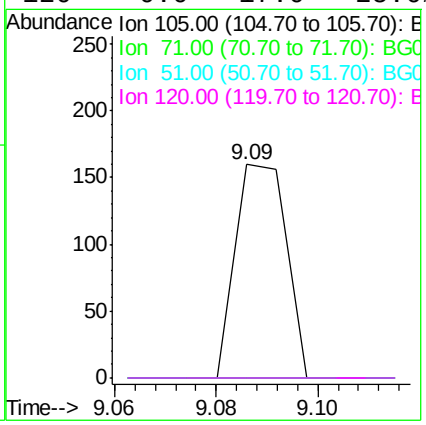


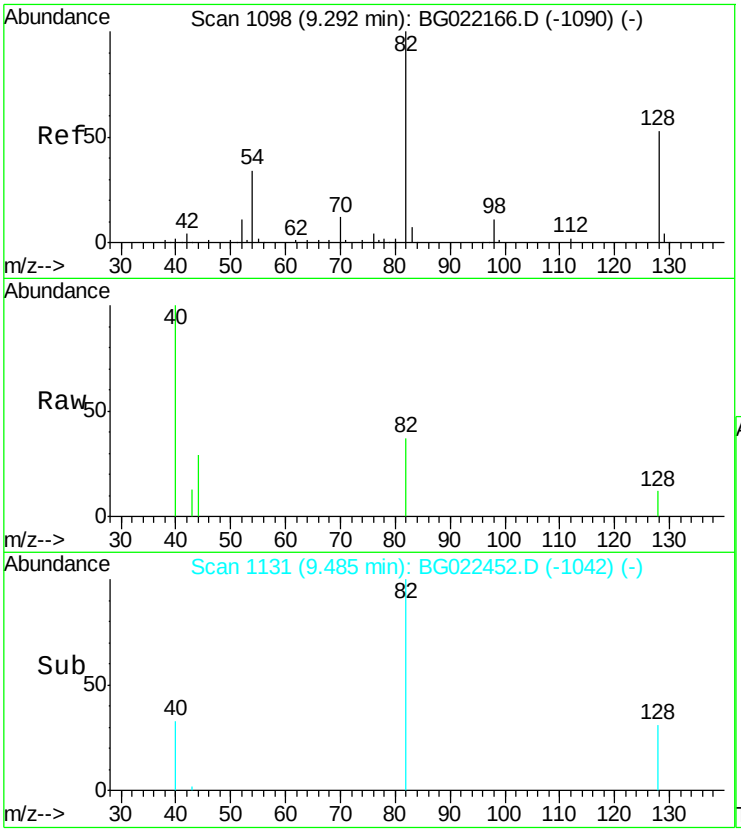


#22
Acetophenone
Concen: 29.60 ng
RT: 9.09 min Scan# 1063
Delta R.T. 0.17 min
Lab File: BG022452.D
Acq: 20 Jun 2016 22:21

Tgt Ion:105 Resp: 111

Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.0	0.0
51	0.0	25.7	38.5#
120	0.0	17.0	25.6#



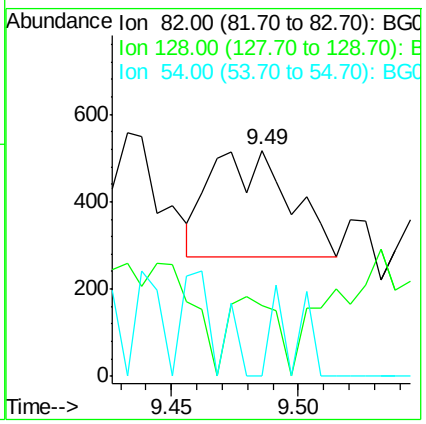


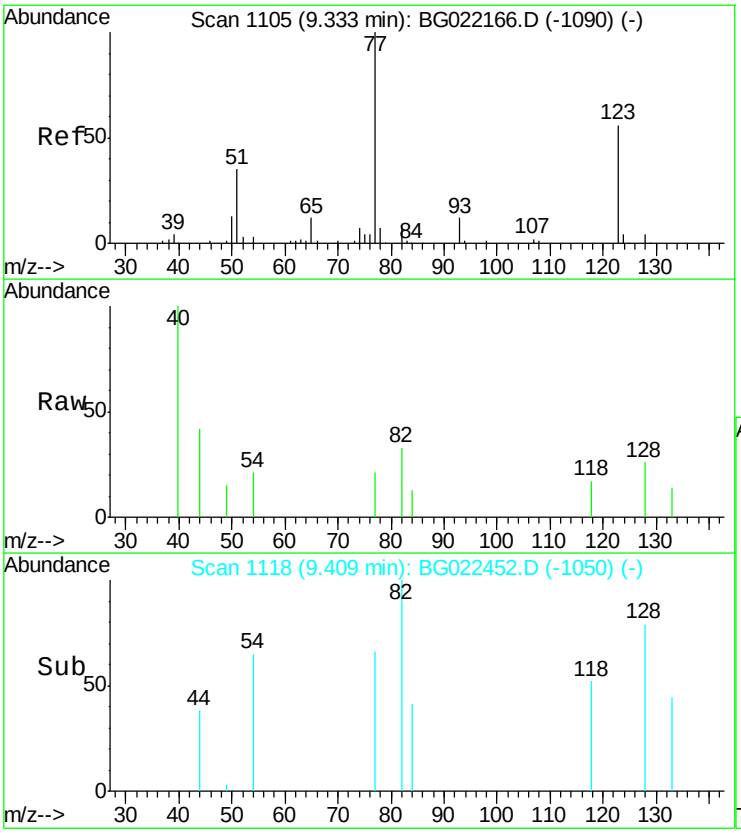
#23
Nitrobenzene-d5
Concen: 208.35 ng
RT: 9.49 min Scan# 1131
Delta R.T. 0.23 min
Lab File: BG022452.D
Acq: 20 Jun 2016 22:21

Instrument :
BNA_G
ClientSampleId :
W-39

Tgt Ion: 82 Resp: 520

Ion	Ratio	Lower	Upper
82	100		
128	31.3	33.4	50.0#
54	0.0	46.1	69.1#

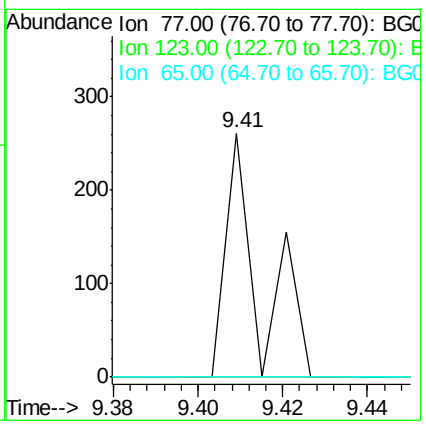


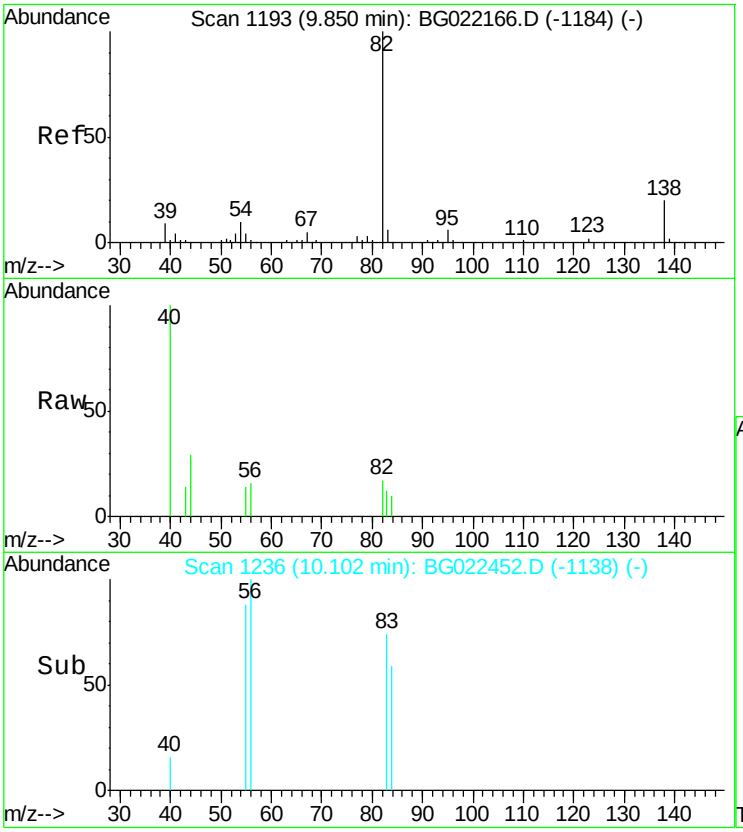


#24
Nitrobenzene
Concen: 58.57 ng
RT: 9.41 min Scan# 1118
Delta R.T. 0.10 min
Lab File: BG022452.D
Acq: 20 Jun 2016 22:21

Tgt Ion: 77 Resp: 147

Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.2	48.4#
65	0.0	10.3	15.5#



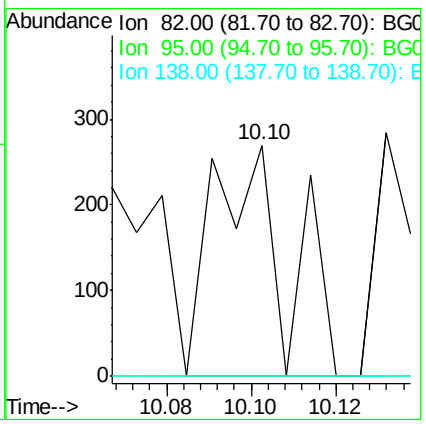


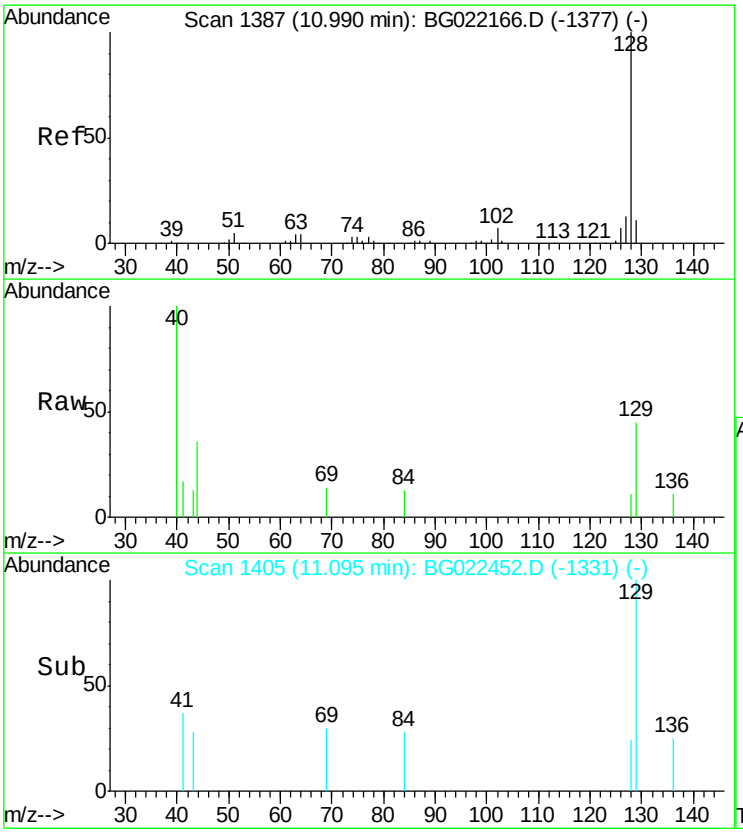
#25
Isophorone
Concen: 56.34 ng
RT: 10.10 min Scan# 1236
Delta R.T. 0.28 min
Lab File: BG022452.D
Acq: 20 Jun 2016 22:21

Instrument :
BNA_G
ClientSampleId :
W-39

Tgt Ion: 82 Resp: 329

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.0	9.0#
138	0.0	13.4	20.0#

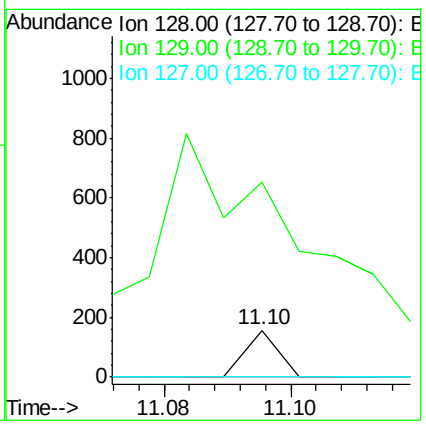


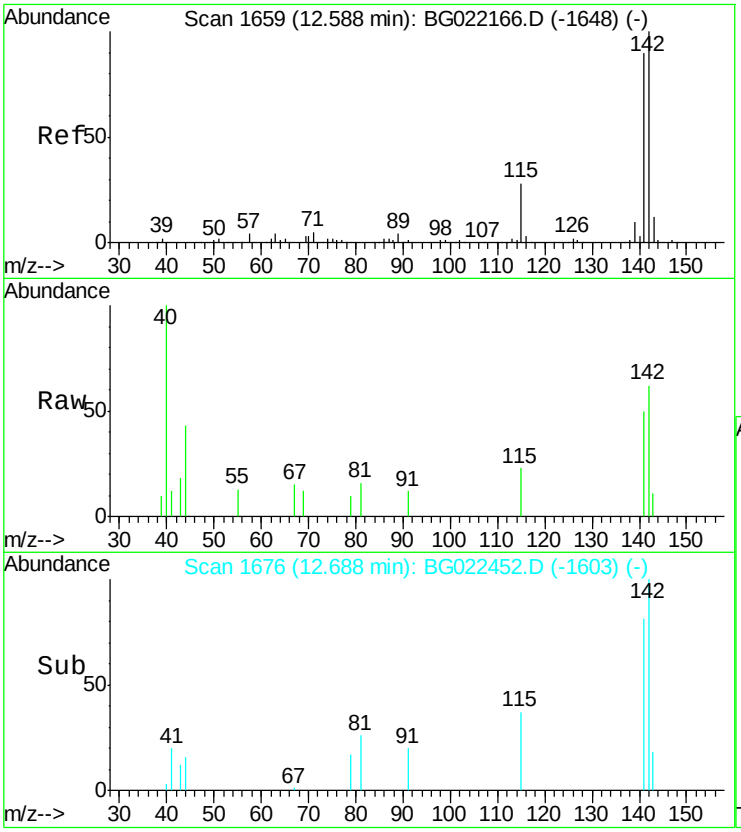


#31
Naphthalene
Concen: 6.33 ng
RT: 11.10 min Scan# 1405
Delta R.T. 0.14 min
Lab File: BG022452.D
Acq: 20 Jun 2016 22:21

Tgt Ion:128 Resp: 55

Ion	Ratio	Lower	Upper
128	100		
129	414.6	7.0	10.6#
127	0.0	10.1	15.1#



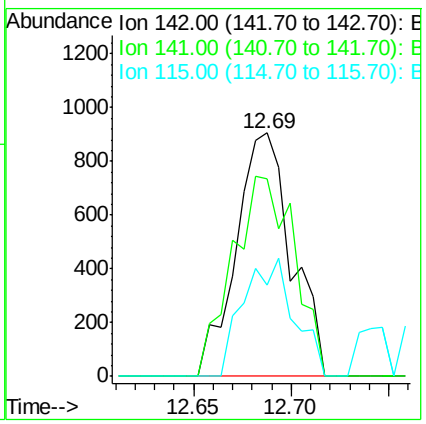


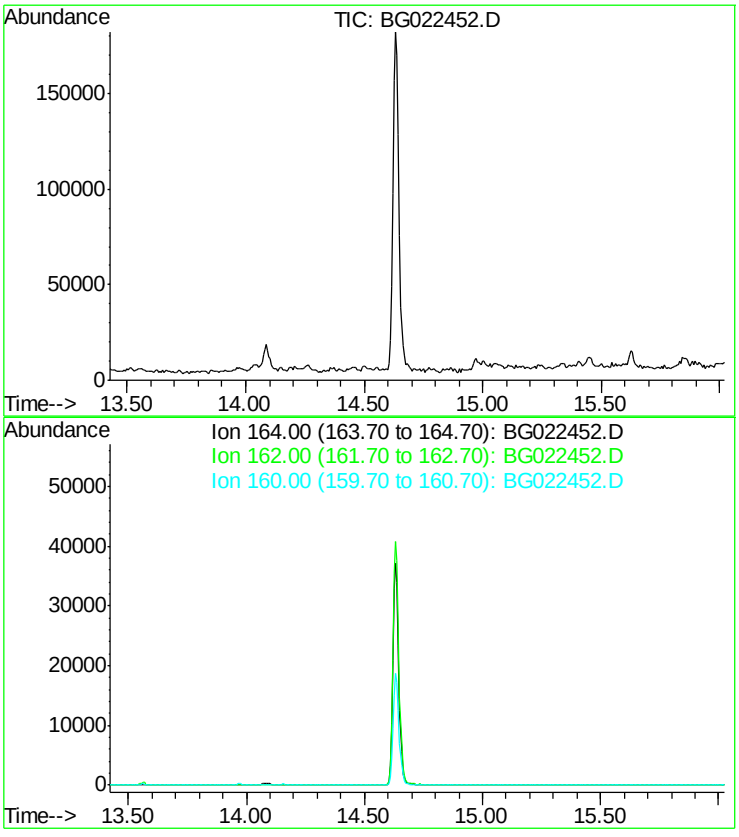
#37
2-Methylnaphthalene
Concen: 277.77 ng
RT: 12.69 min Scan# 1676
Delta R.T. 0.13 min
Lab File: BG022452.D
Acq: 20 Jun 2016 22:21

Instrument :
BNA_G
ClientSampleId :
W-39

Tgt Ion:142 Resp: 1781

Ion	Ratio	Lower	Upper
142	100		
141	81.3	71.4	107.0
115	37.4	27.4	41.2



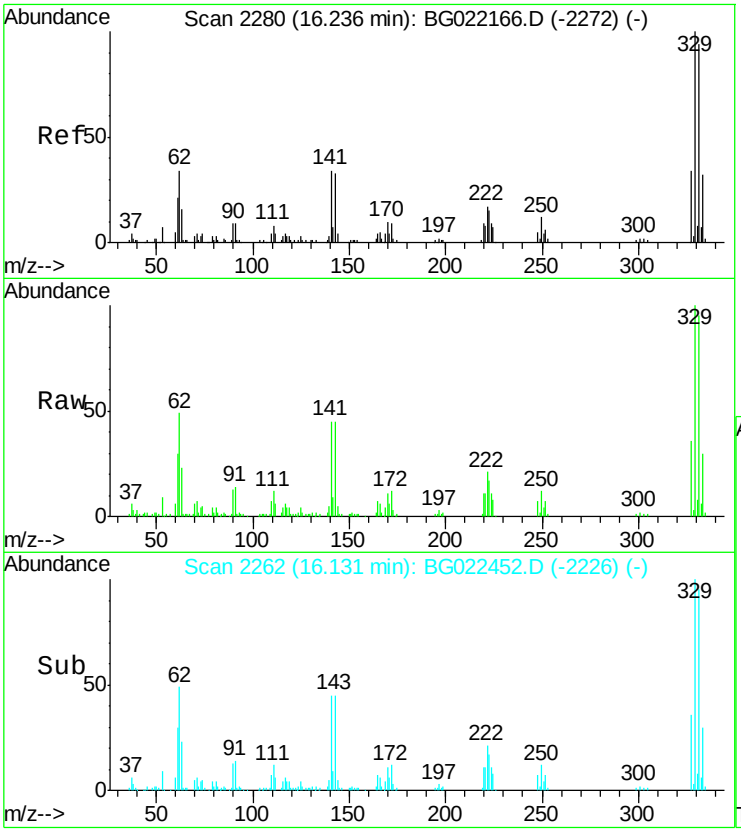


#38
Acenaphthene-d10
Concen: 0.00 ng
Expected RT: 14.72 min

Lab File: BG022452.D
Acq: 20 Jun 2016 22:21

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	97.5
160	41.1

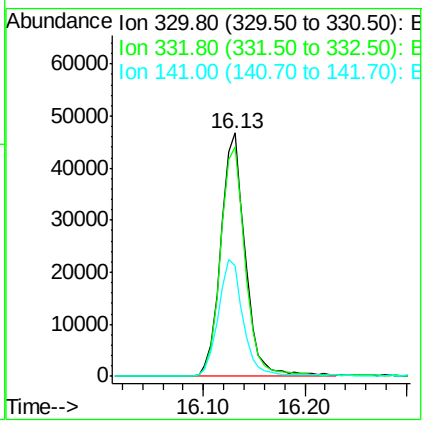


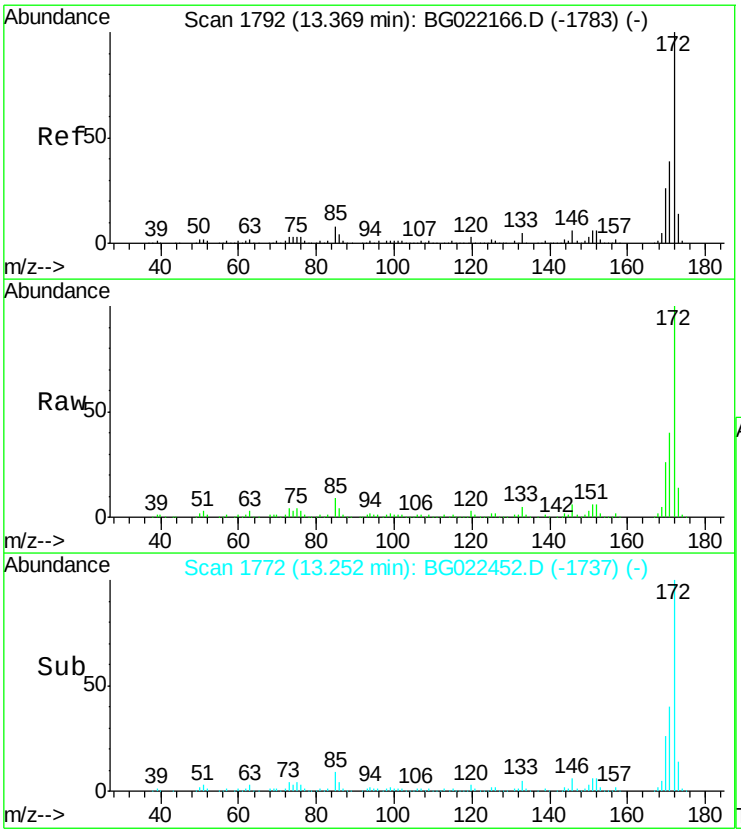
#41
2,4,6-Tribromophenol
Concen: 0.00 ng
RT: 16.13 min Scan# 2262
Delta R.T. -0.09 min
Lab File: BG022452.D
Acq: 20 Jun 2016 22:21

Instrument :
BNA_G
ClientSampleId :
W-39

Tgt Ion:330 Resp: 78235

Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.0	117.0
141	49.2	33.8	50.8

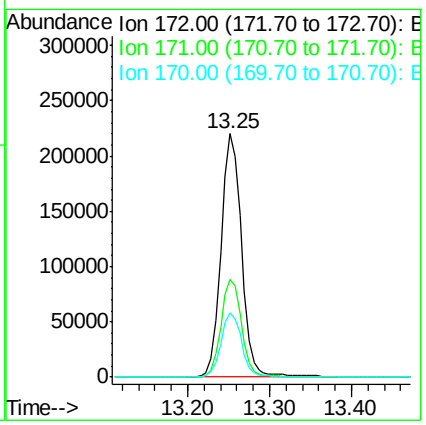


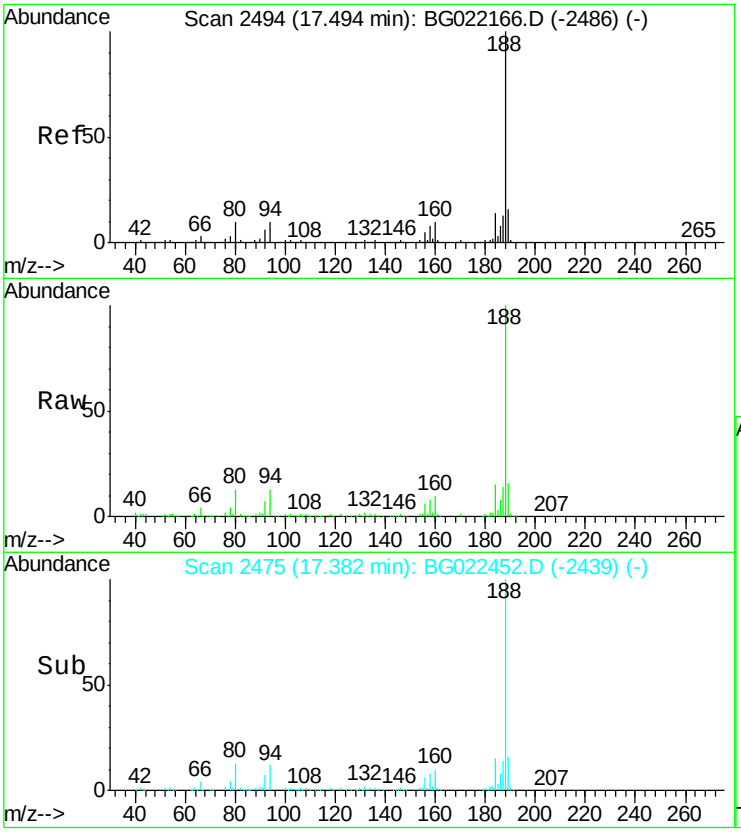


#44
2-Fluorobiphenyl
Concen: 0.00 ng
RT: 13.25 min Scan# 1772
Delta R.T. -0.09 min
Lab File: BG022452.D
Acq: 20 Jun 2016 22:21

Tgt Ion:172 Resp: 384785

Ion	Ratio	Lower	Upper
172	100		
171	40.3	27.8	41.6
170	26.3	19.6	29.4



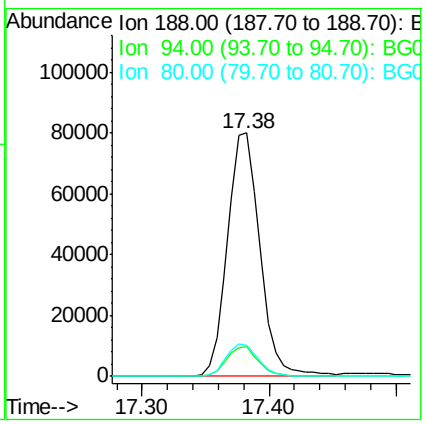


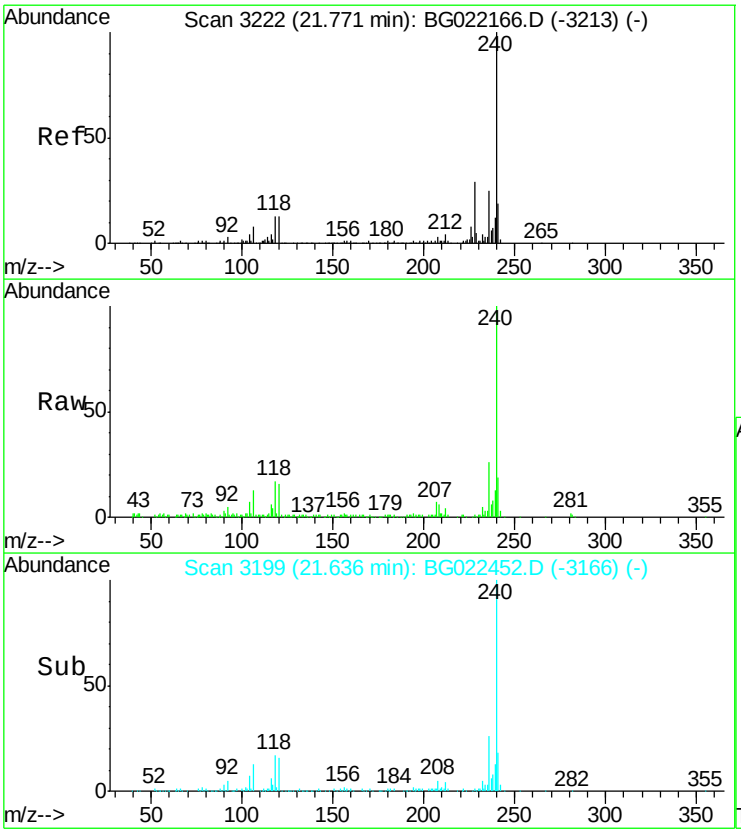
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2475
Delta R.T. -0.09 min
Lab File: BG022452.D
Acq: 20 Jun 2016 22:21

Instrument :
BNA_G
ClientSampleId :
W-39

Tgt Ion:188 Resp: 141262

Ion	Ratio	Lower	Upper
188	100		
94	12.5	7.5	11.3#
80	13.0	8.6	13.0#

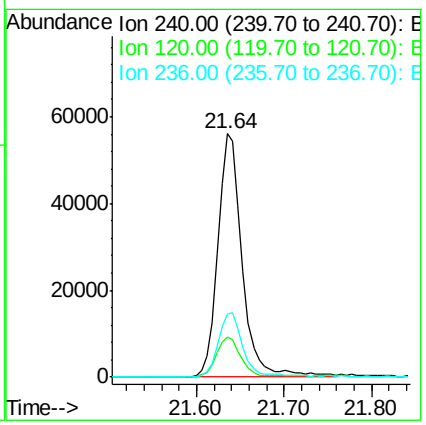


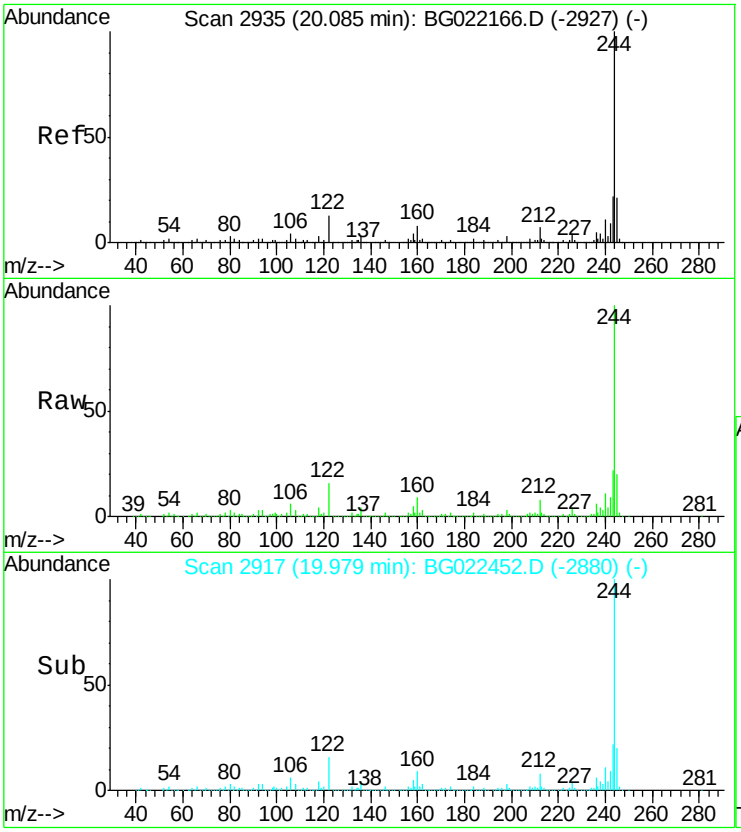


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.64 min Scan# 3199
Delta R.T. -0.10 min
Lab File: BG022452.D
Acq: 20 Jun 2016 22:21

Tgt Ion:240 Resp: 107867

Ion	Ratio	Lower	Upper
240	100		
120	16.3	8.4	12.6#
236	25.7	19.6	29.4



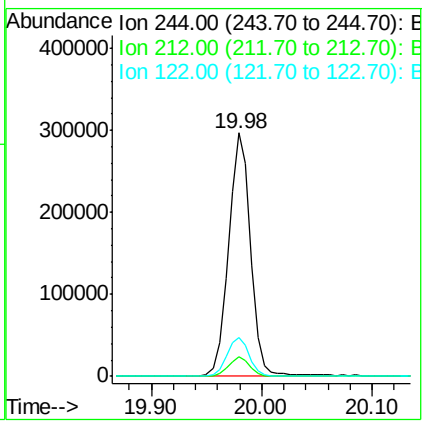


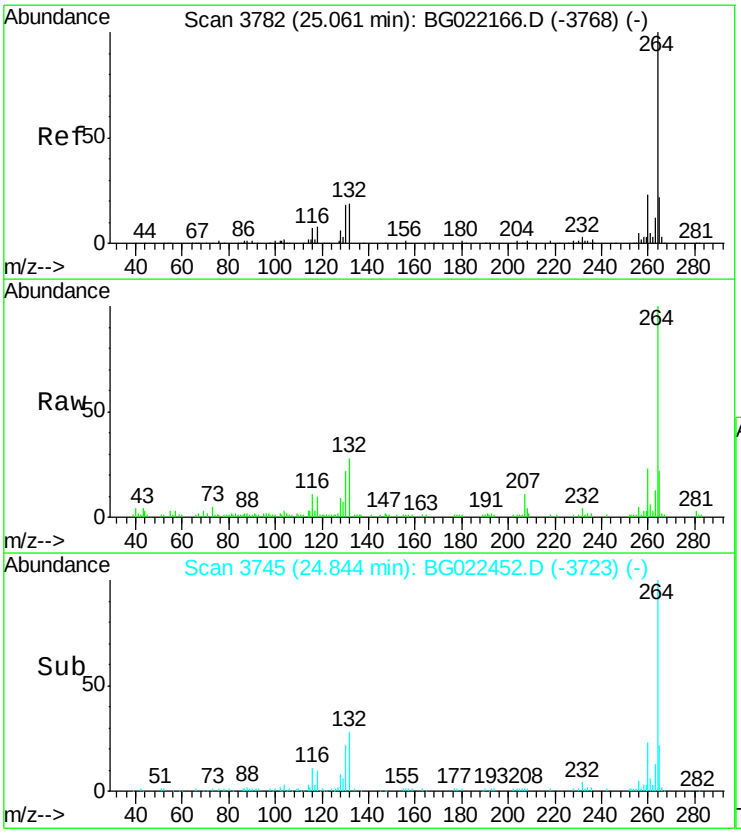
#78
Terphenyl-d14
Concen: 91.38 ng
RT: 19.98 min Scan# 2917
Delta R.T. -0.08 min
Lab File: BG022452.D
Acq: 20 Jun 2016 22:21

Instrument :
BNA_G
ClientSampleId :
W-39

Tgt Ion:244 Resp: 415169

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	16.0	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.84 min Scan# 3745
Delta R.T. -0.17 min
Lab File: BG022452.D
Acq: 20 Jun 2016 22:21

Tgt Ion:264 Resp: 94983

Ion	Ratio	Lower	Upper
264	100		
260	23.0	20.2	30.4
265	21.6	17.8	26.8