Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072316\
Data File : BG023228.D
Acq On : 22 Jul 2016 23:25
Operator : UM/SJ
Sample : H4131-23
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D-5

Quant Time: Jul 23 00:05:36 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 19 15:46:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	118730	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	551046	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	388169	20.00	ng	0.01
63) Phenanthrene-d10	17.57	188	970044	20.00	ng	0.02
75) Chrysene-d12	21.89	240	1016506	20.00	ng	0.01
86) Perylene-d12	25.30	264	1004006	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	925937	127.55	ng	0.00
7) Phenol-d6	7.30	99	1253068	110.21	ng	0.00
23) Nitrobenzene-d5	9.32	82	1077841	83.75	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	640352	91.79	ng	0.00
44) 2-Fluorobiphenyl	13.43	172	1986976	80.63	ng	0.01
78) Terphenyl-d14	20.18	244	2804233	89.13	ng	0.02
Target Compounds						Qvalue
31) Naphthalene	11.03	128	65059	2.32	ng	# 86
76) Benzidine	19.81	184	265248	9.10	ng	97

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

Quantitation Report (Not Reviewed)

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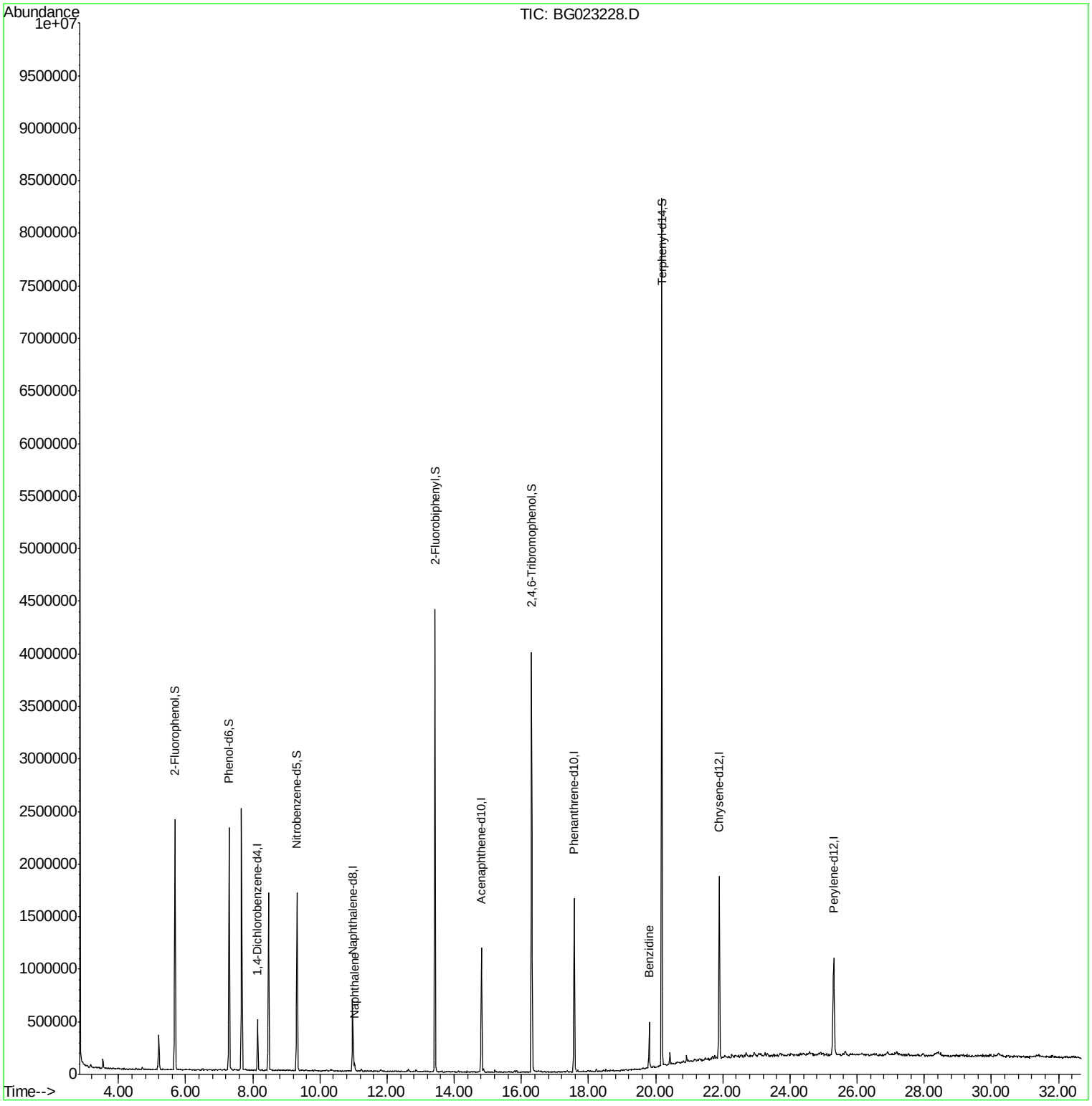
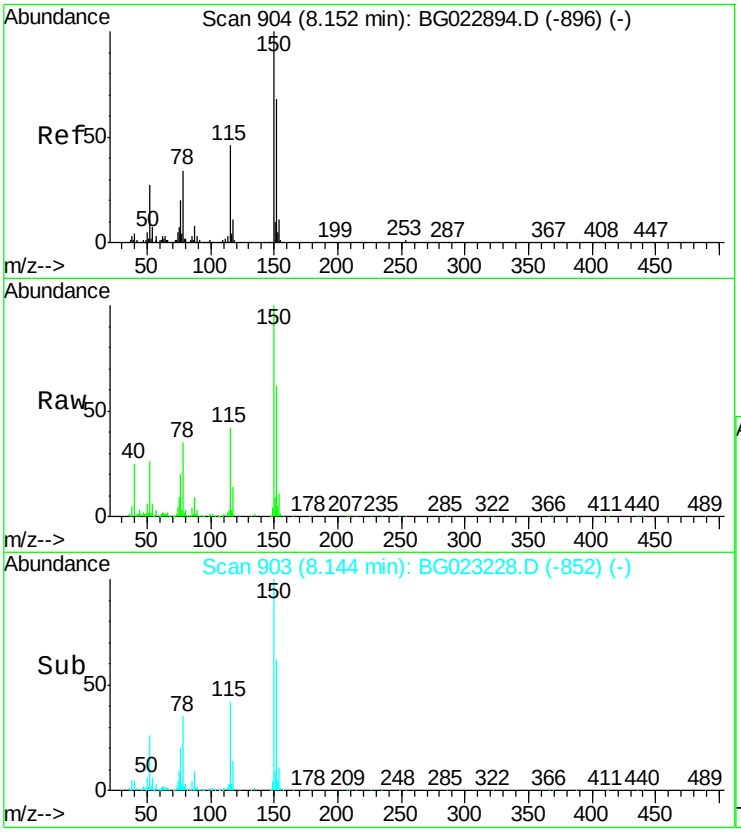


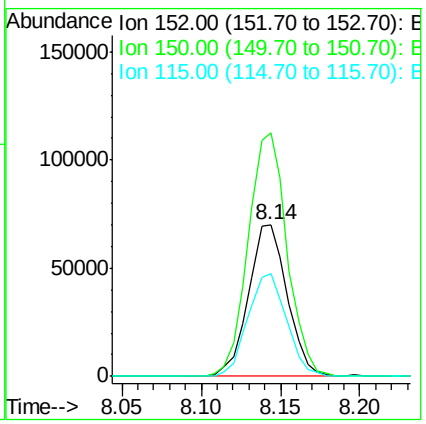


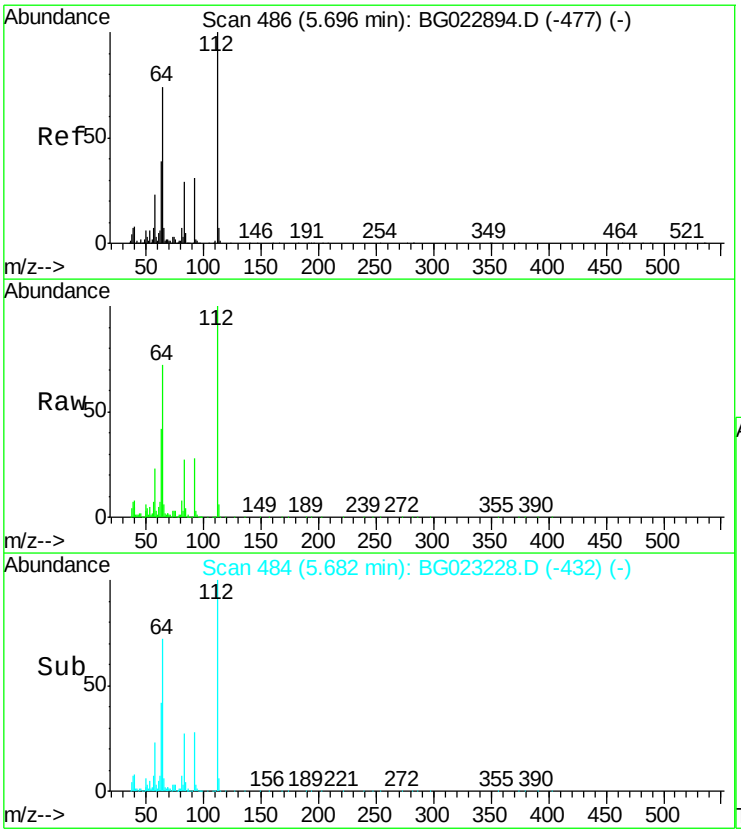
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 903
Delta R.T. 0.00 min
Lab File: BG023228.D
Acq: 22 Jul 2016 23:25

Instrument :
BNA_G
ClientSampleId :
D-5

Tgt Ion:152 Resp: 118730

Ion	Ratio	Lower	Upper
152	100		
150	160.3	144.7	217.1
115	67.4	64.0	96.0

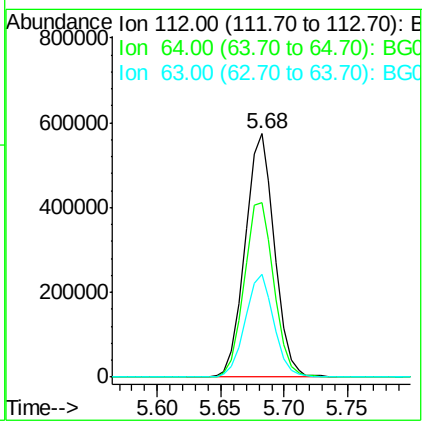


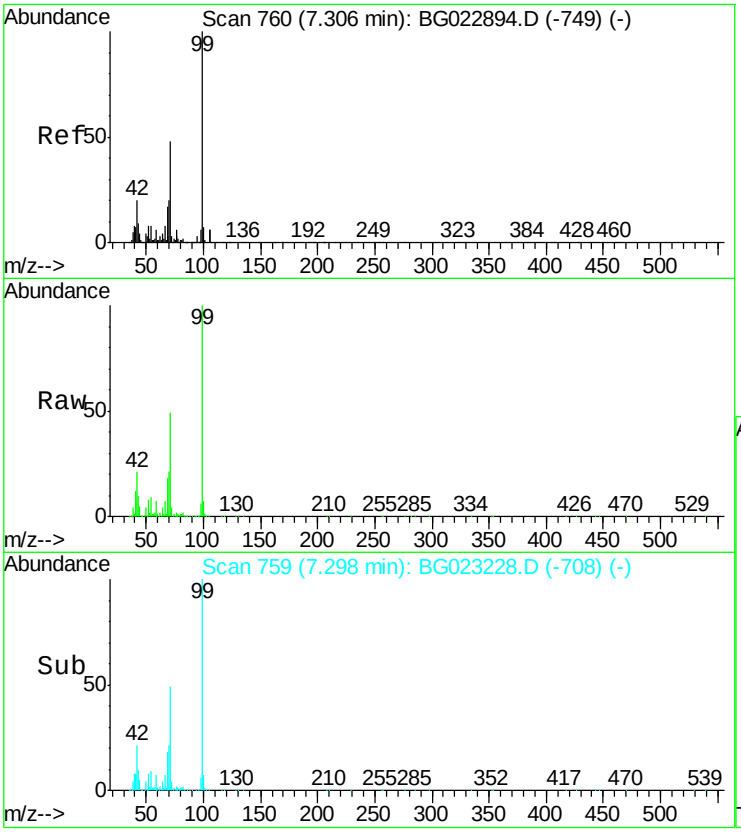


#5
2-Fluorophenol
Concen: 127.55 ng
RT: 5.68 min Scan# 484
Delta R.T. 0.01 min
Lab File: BG023228.D
Acq: 22 Jul 2016 23:25

Tgt Ion:112 Resp: 925937

Ion	Ratio	Lower	Upper
112	100		
64	71.7	59.0	88.4
63	42.2	37.8	56.8



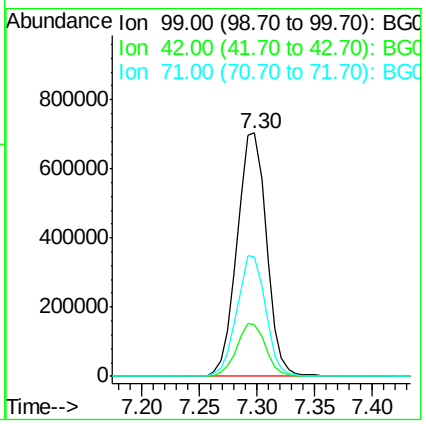


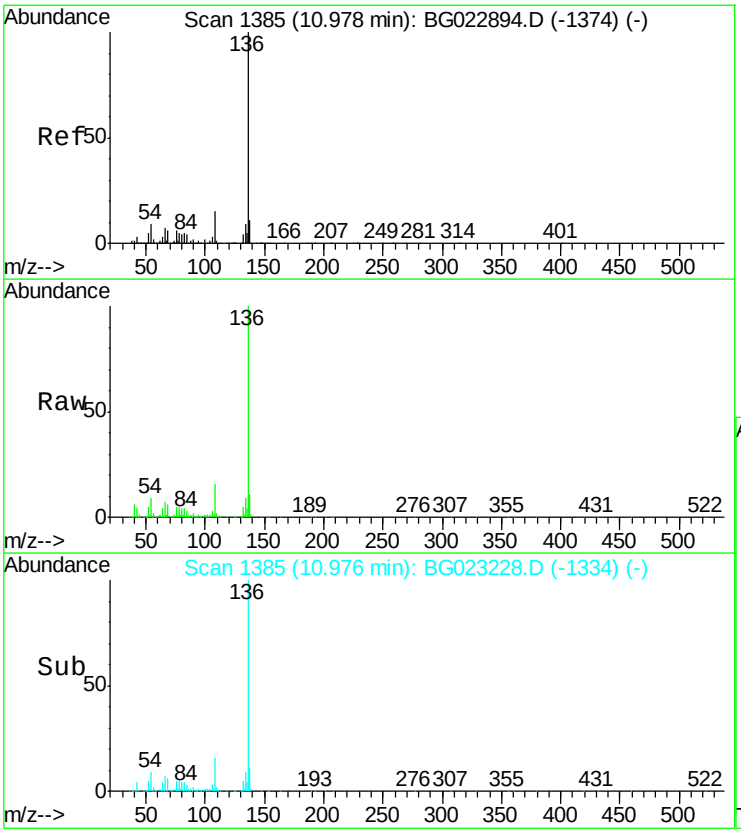
#7
Phenol-d6
Concen: 110.21 ng
RT: 7.30 min Scan# 759
Delta R.T. 0.00 min
Lab File: BG023228.D
Acq: 22 Jul 2016 23:25

Instrument :
BNA_G
ClientSampleId :
D-5

Tgt Ion: 99 Resp: 1253068

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.8	26.6
71	49.3	41.5	62.3

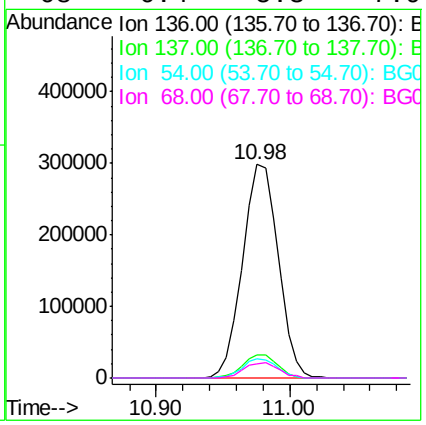


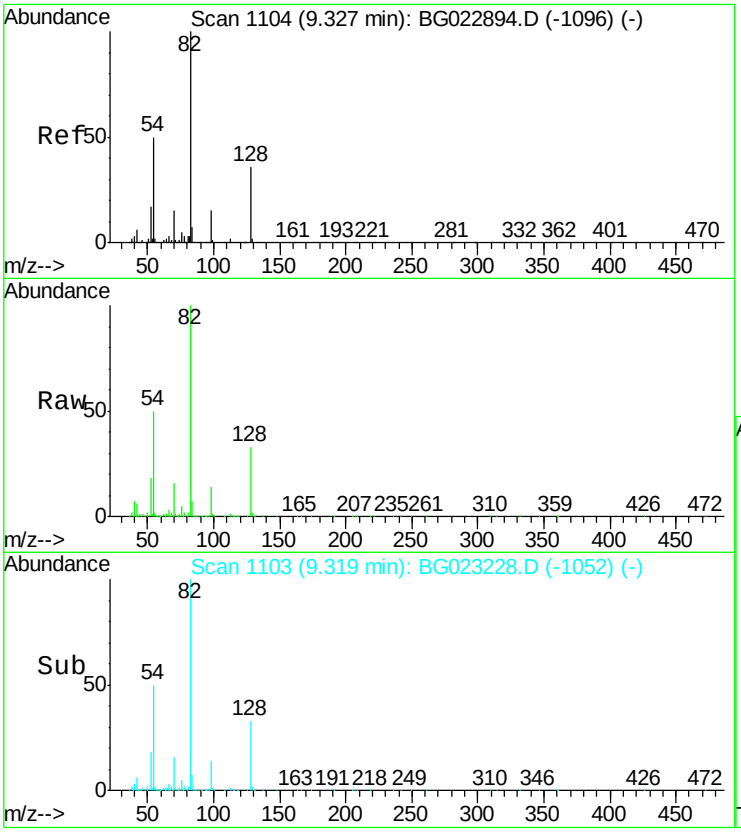


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BG023228.D
Acq: 22 Jul 2016 23:25

Tgt Ion:136 Resp: 551046

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.6	14.4
54	8.9	7.3	10.9
68	6.4	5.3	7.9



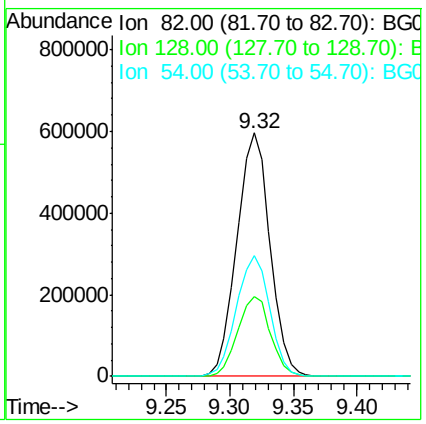


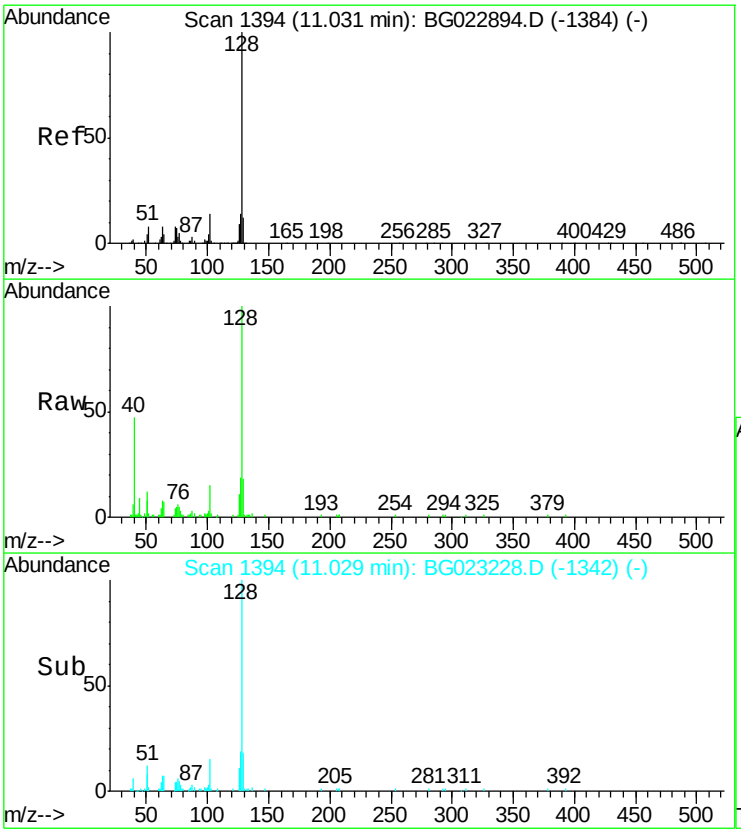
#23
Nitrobenzene-d5
Concen: 83.75 ng
RT: 9.32 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BG023228.D
Acq: 22 Jul 2016 23:25

Instrument :
BNA_G
ClientSampleId :
D-5

Tgt Ion: 82 Resp: 1077841

Ion	Ratio	Lower	Upper
82	100		
128	32.8	24.4	36.6
54	49.5	41.4	62.0

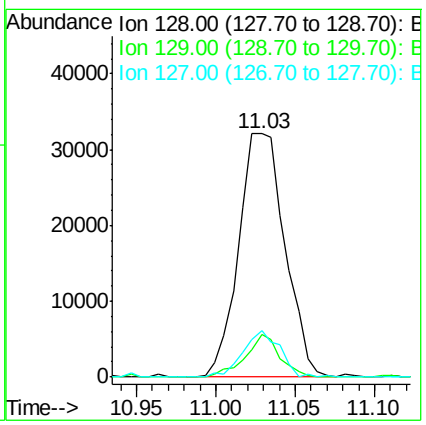


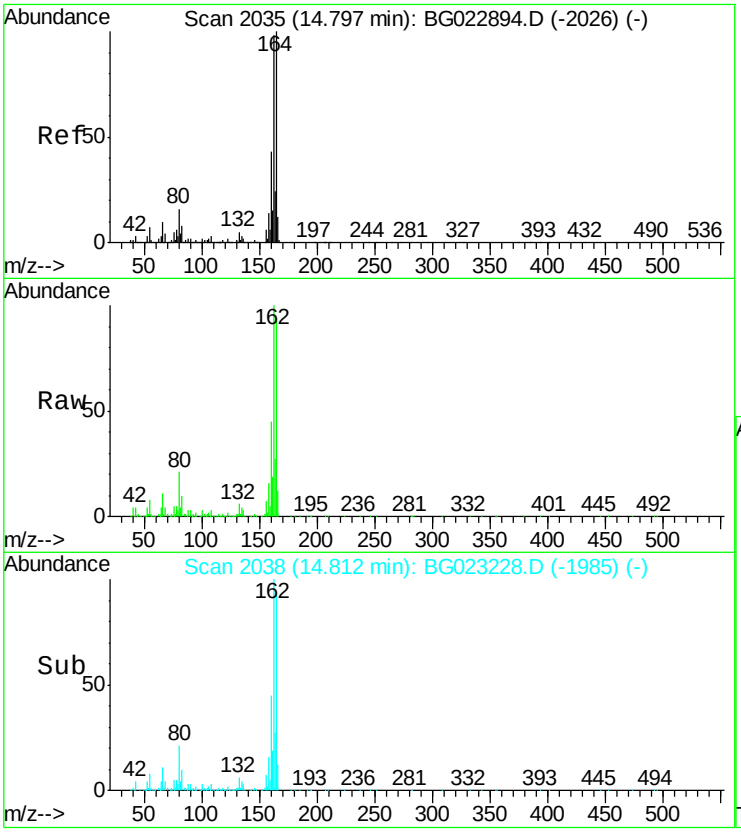


#31
Naphthalene
Concen: 2.32 ng
RT: 11.03 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BG023228.D
Acq: 22 Jul 2016 23:25

Tgt Ion:128 Resp: 65059

Ion	Ratio	Lower	Upper
128	100		
129	17.5	9.4	14.0#
127	19.2	11.3	16.9#



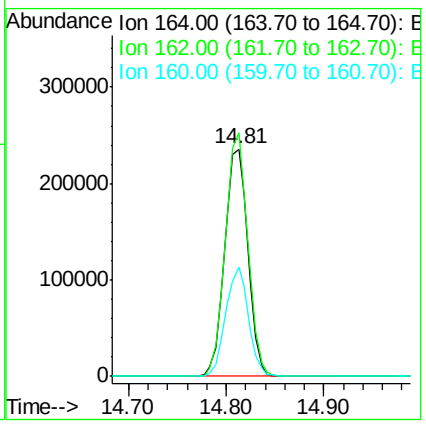


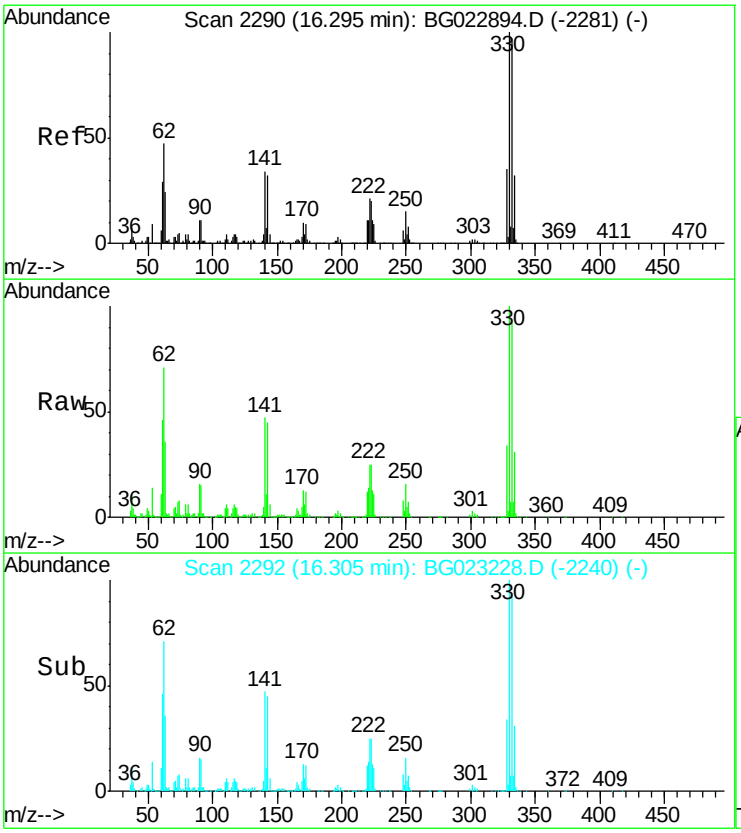
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2038
Delta R.T. 0.01 min
Lab File: BG023228.D
Acq: 22 Jul 2016 23:25

Instrument :
BNA_G
ClientSampleId :
D-5

Tgt Ion:164 Resp: 388169

Ion	Ratio	Lower	Upper
164	100		
162	107.1	87.7	131.5
160	48.0	37.2	55.8

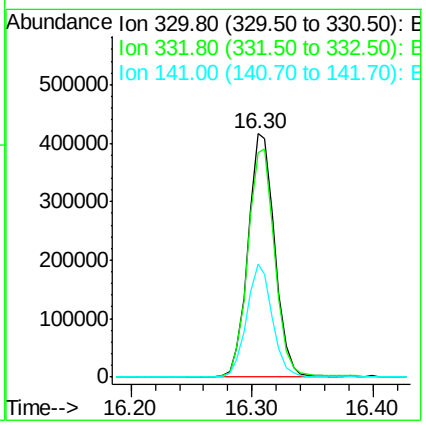


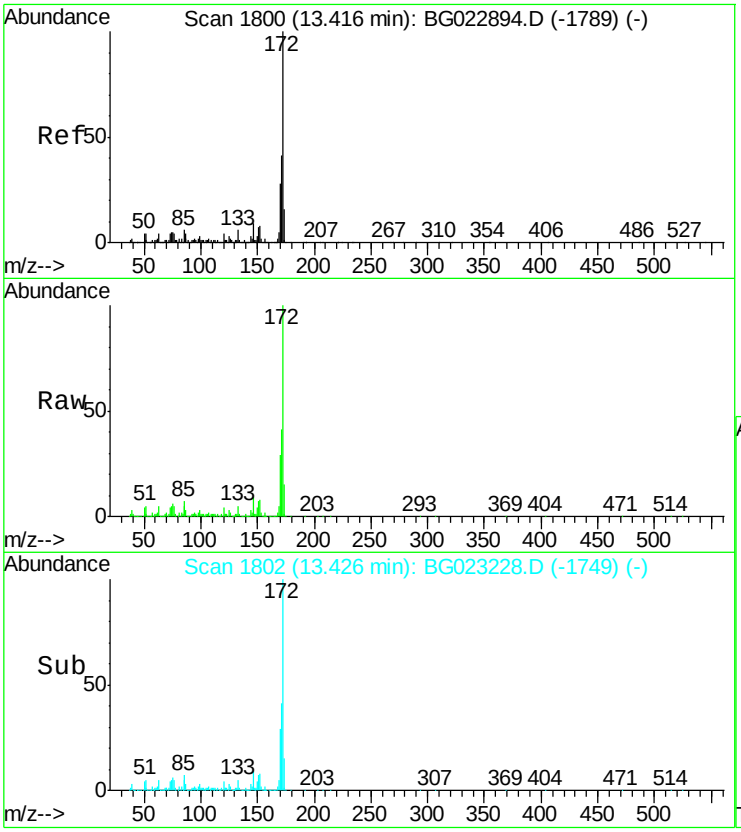


#41
2,4,6-Tribromophenol
Concen: 91.79 ng
RT: 16.30 min Scan# 2292
Delta R.T. 0.01 min
Lab File: BG023228.D
Acq: 22 Jul 2016 23:25

Tgt Ion:330 Resp: 640352

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.4	116.2
141	44.7	31.7	47.5



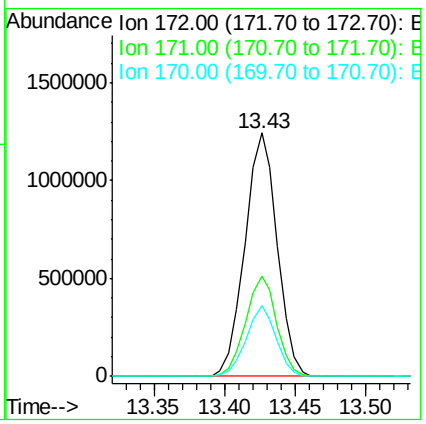


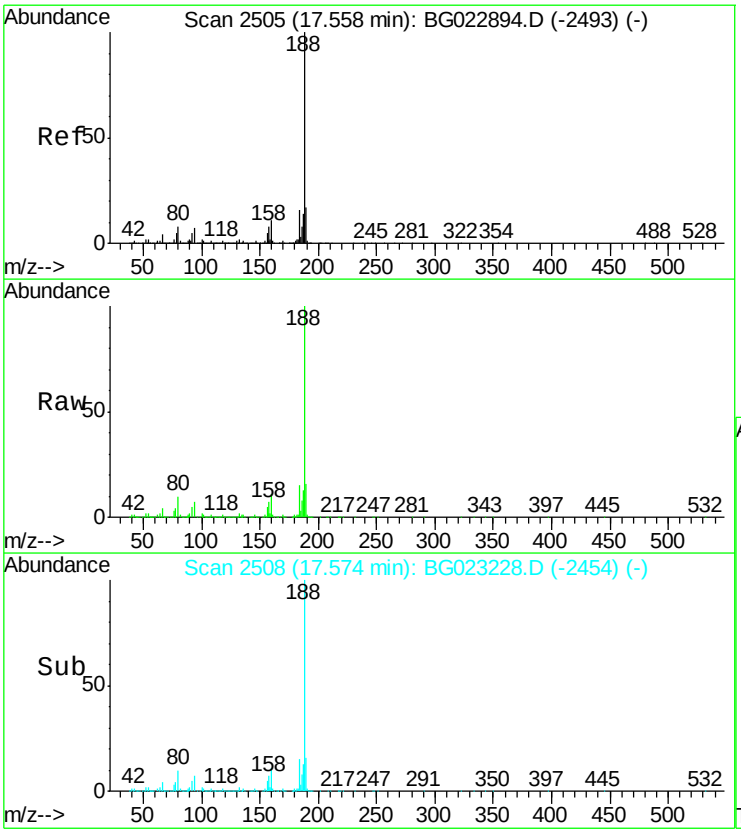
#44
2-Fluorobiphenyl
Concen: 80.63 ng
RT: 13.43 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BG023228.D
Acq: 22 Jul 2016 23:25

Instrument :
BNA_G
ClientSampleId :
D-5

Tgt Ion:172 Resp: 1986976

Ion	Ratio	Lower	Upper
172	100		
171	41.0	31.6	47.4
170	29.2	21.3	31.9





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. 0.02 min
Lab File: BG023228.D
Acq: 22 Jul 2016 23:25

Tgt Ion:188 Resp: 970044

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.2	7.8
80	10.1	7.2	10.8