

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081516\
 Data File : BG023723.D
 Acq On : 15 Aug 2016 15:58
 Operator : UM/SJ
 Sample : H4452-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-4

Quant Time: Aug 15 17:50:32 2016
 Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

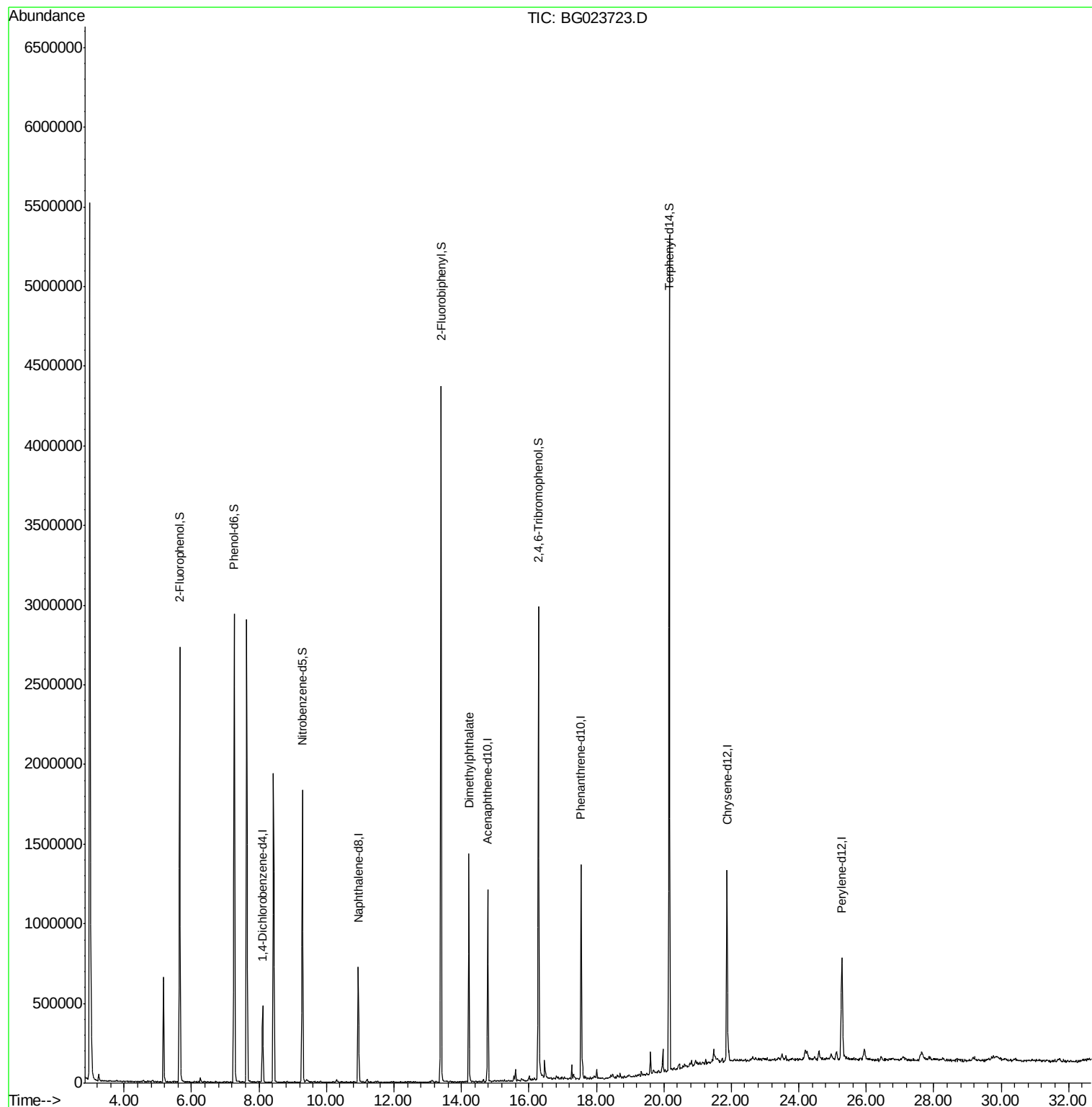
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	132072	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	605961	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	404307	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	799937	20.00	ng	0.00
75) Chrysene-d12	21.87	240	718880	20.00	ng	0.00
86) Perylene-d12	25.28	264	720562	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1160161	147.86	ng	-0.01
7) Phenol-d6	7.27	99	1719164	140.67	ng	0.00
23) Nitrobenzene-d5	9.29	82	1216622	99.82	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	610990	103.32	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	2127041	88.74	ng	0.00
78) Terphenyl-d14	20.16	244	2086508	92.52	ng	0.01
Target Compounds						
49) Dimethylphthalate	14.22	163	906300	29.22	ng	Qvalue 100

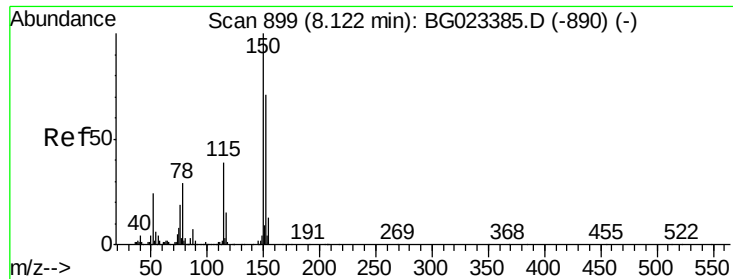
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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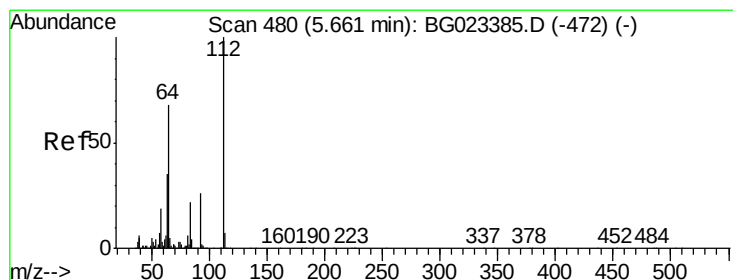
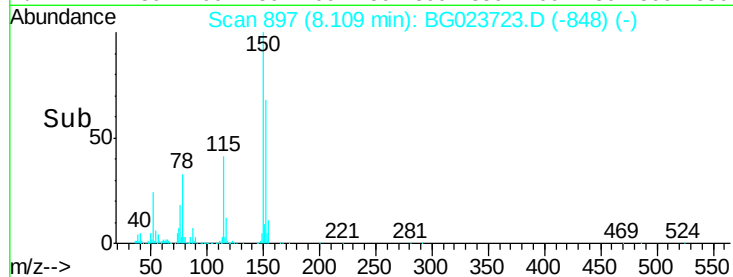
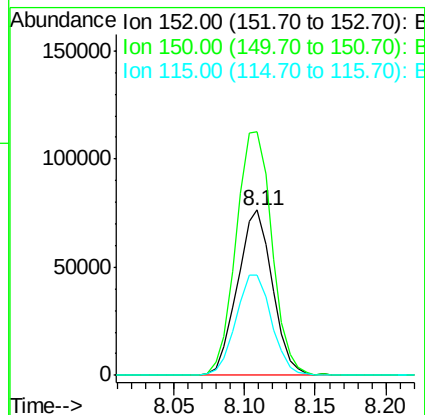
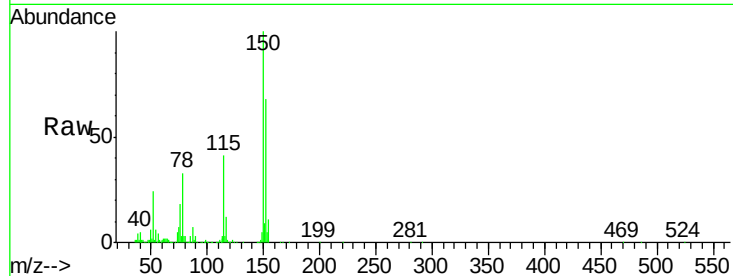


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG023723.D
Acq: 15 Aug 2016 15:58

Instrument :
BNA_G
ClientSampleId :
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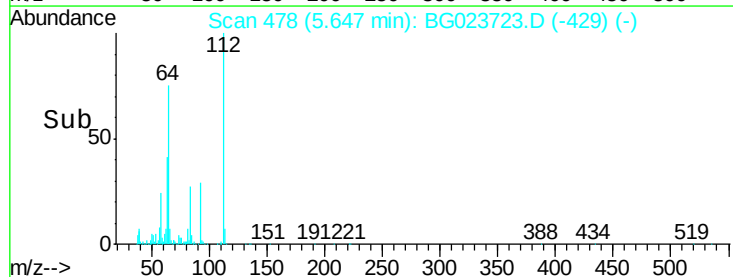
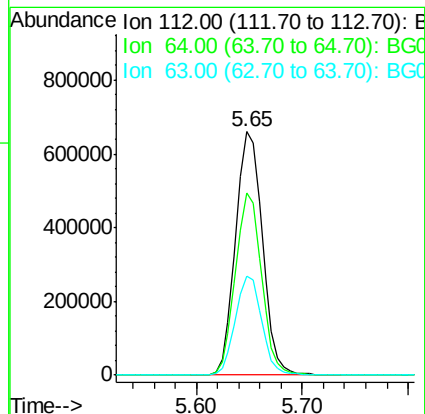
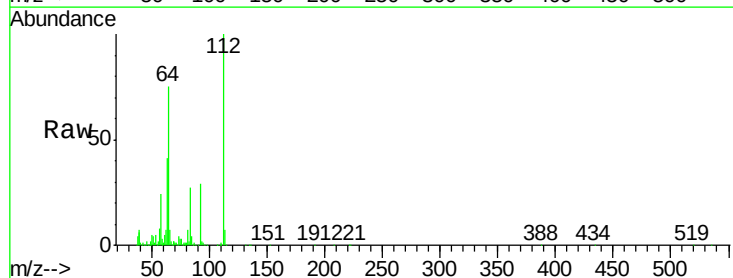
Tgt Ion	Ratio	Lower	Upper
152	100		
150	147.6	144.7	217.1
115	60.5	64.0	96.0

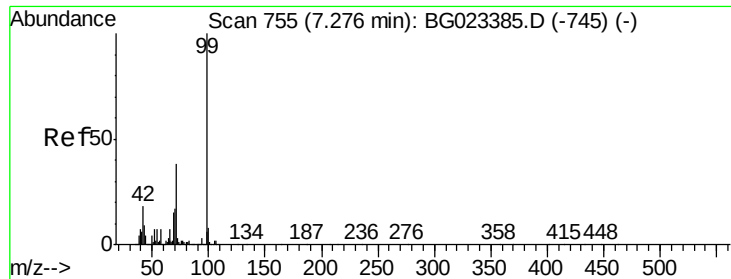


#5

2-Fluorophenol
Concen: 147.86 ng
RT: 5.65 min Scan# 478
Delta R.T. -0.01 min
Lab File: BG023723.D
Acq: 15 Aug 2016 15:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.8	59.0	88.4
63	40.6	37.8	56.8





#7

Phenol-d6

Concen: 140.67 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG023723.D

Acq: 15 Aug 2016 15:58

Instrument :

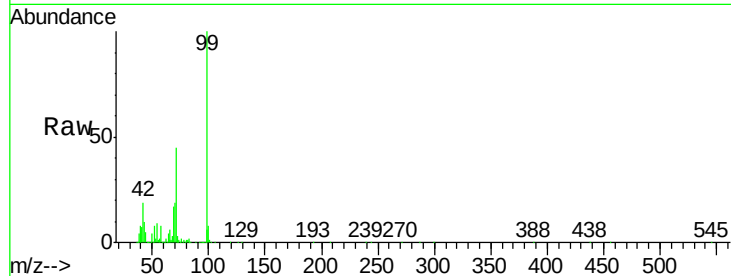
BNA_G

ClientSampleId :

S-4

Tgt Ion: 99 Resp: 1719164

Ion	Ratio	Lower	Upper
99	100		
42	19.4	17.8	26.6
71	44.7	41.5	62.3



Abundance

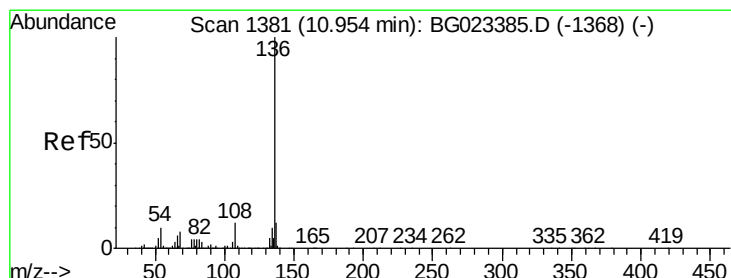
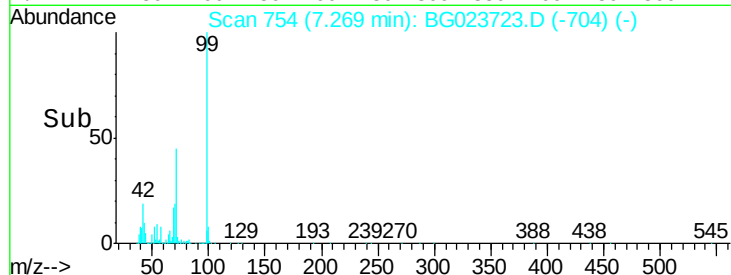
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

7.27

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.94 min Scan# 1379

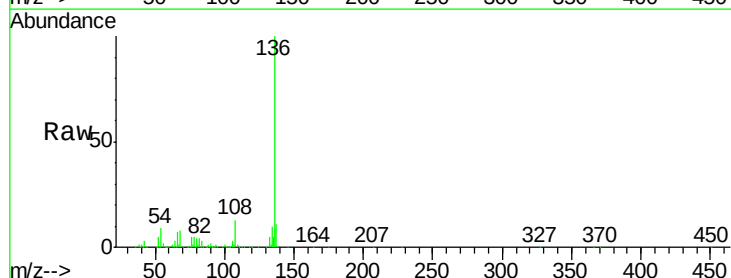
Delta R.T. -0.01 min

Lab File: BG023723.D

Acq: 15 Aug 2016 15:58

Tgt Ion: 136 Resp: 605961

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	9.2	7.3	10.9
68	7.9	5.3	7.9



Abundance

Ion 136.00 (135.70 to 136.70): BGC

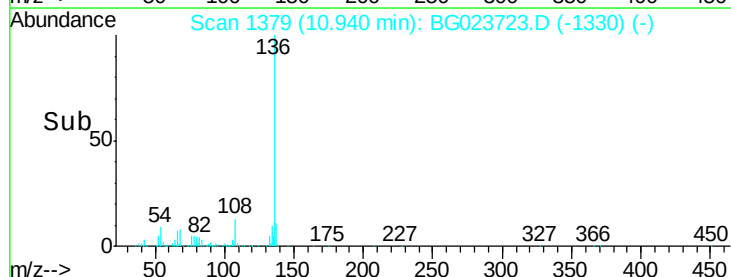
Ion 137.00 (136.70 to 137.70): BGC

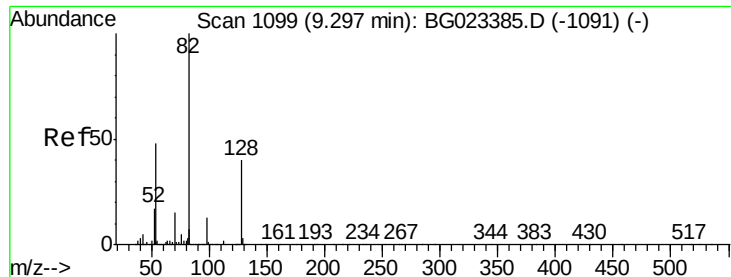
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

10.94

Time-->

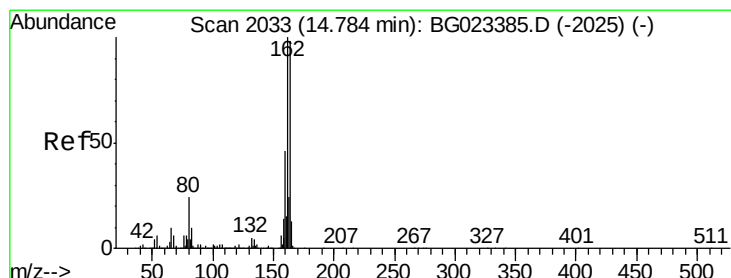
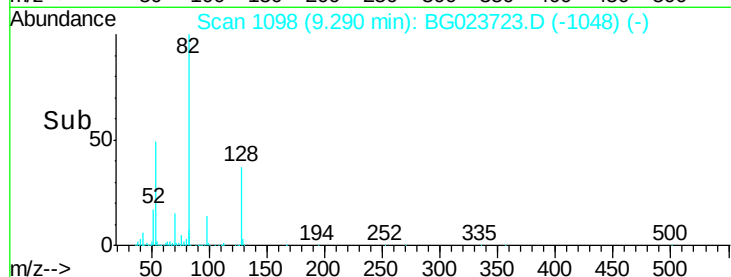
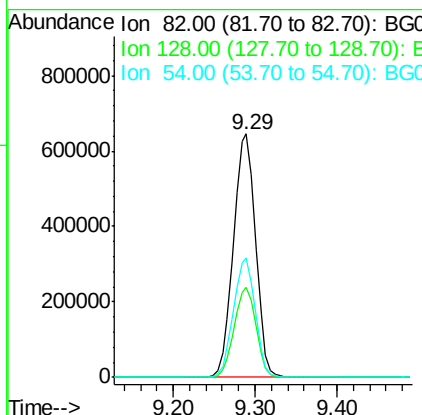
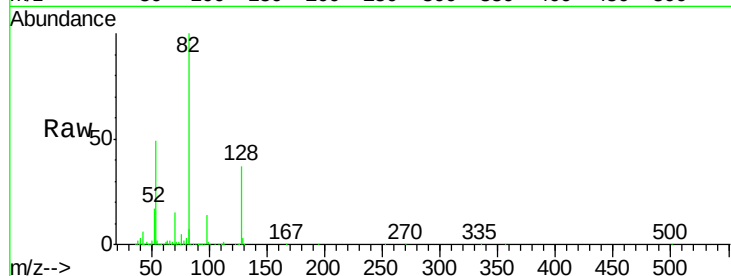




#23
 Nitrobenzene-d5
 Concen: 99.82 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BG023723.D
 Acq: 15 Aug 2016 15:58

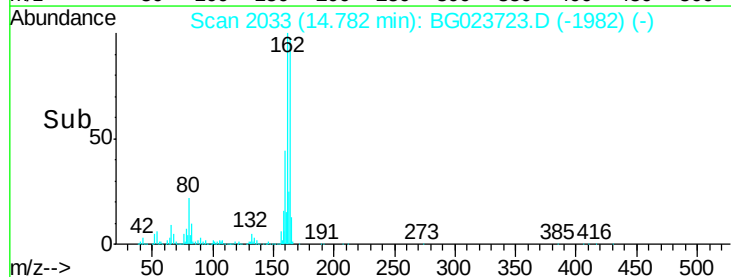
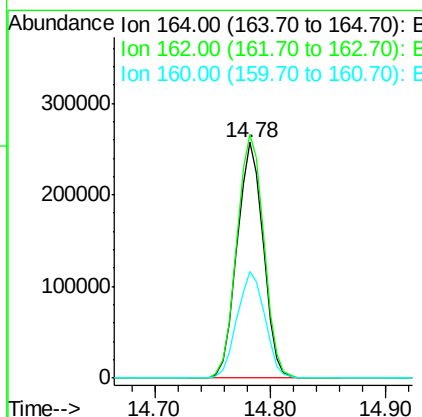
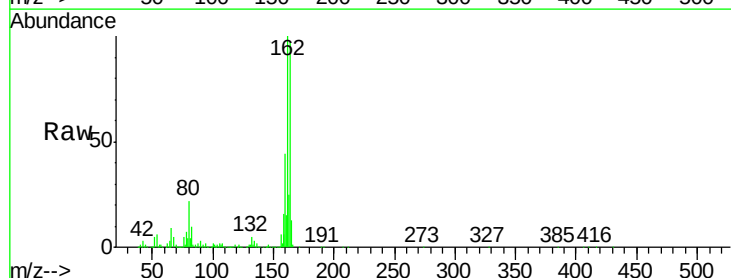
Instrument :
 BNA_G
 ClientSampleId :
 S-4

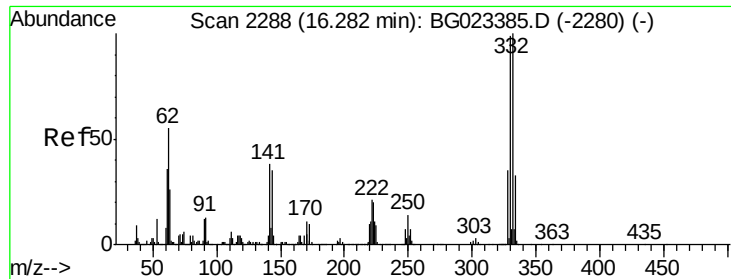
Tgt Ion: 82 Resp: 1216622
 Ion Ratio Lower Upper
 82 100
 128 36.9 24.4 36.6#
 54 49.0 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.78 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BG023723.D
 Acq: 15 Aug 2016 15:58

Tgt Ion: 164 Resp: 404307
 Ion Ratio Lower Upper
 164 100
 162 103.4 87.7 131.5
 160 45.2 37.2 55.8

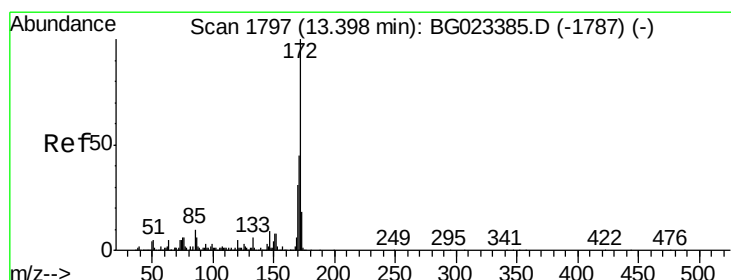
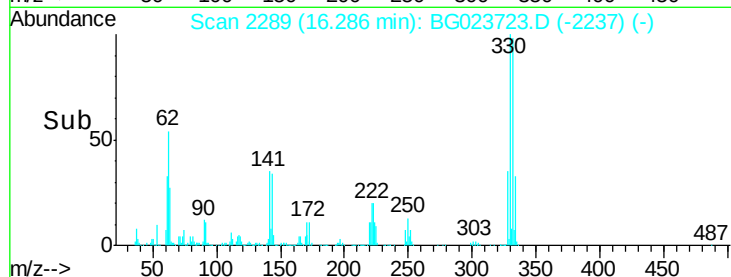
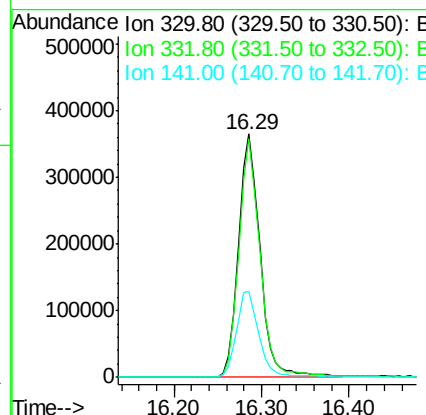
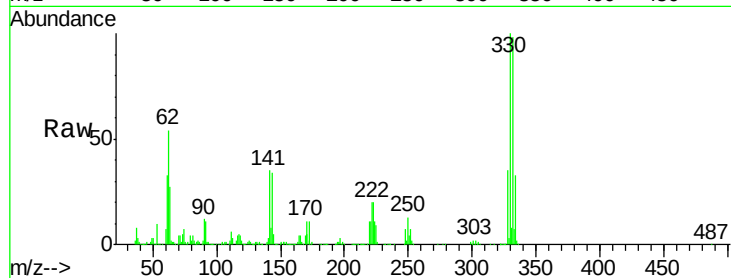




#41
 2,4,6-Tribromophenol
 Concen: 103.32 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BG023723.D
 Acq: 15 Aug 2016 15:58

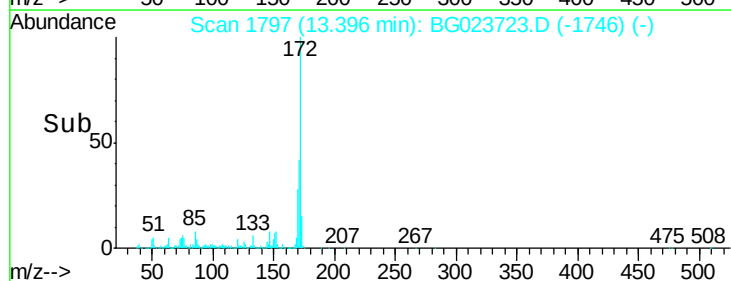
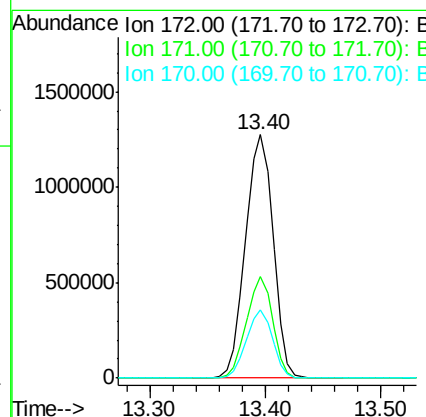
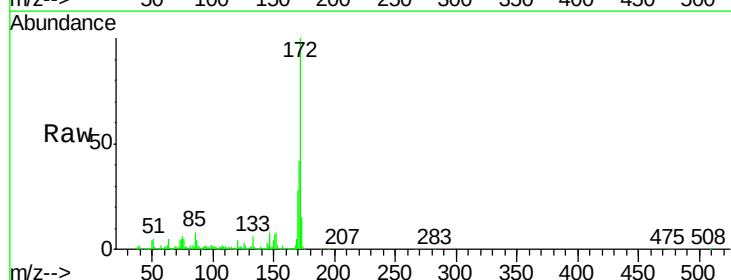
Instrument :
 BNA_G
 ClientSampled :
 S-4

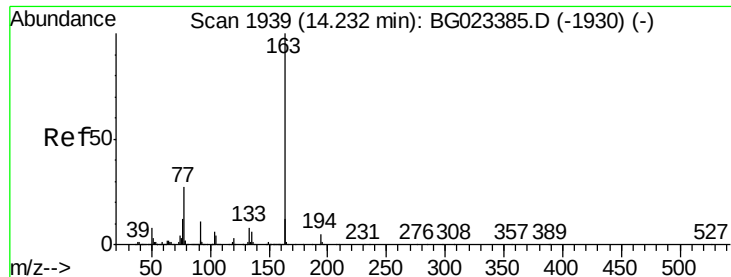
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	37.1	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 88.74 ng
 RT: 13.40 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: BG023723.D
 Acq: 15 Aug 2016 15:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.6	31.6	47.4
170	28.2	21.3	31.9





#49

Dimethylphthalate

Concen: 29.22 ng

RT: 14.22 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG023723.D

Acq: 15 Aug 2016 15:58

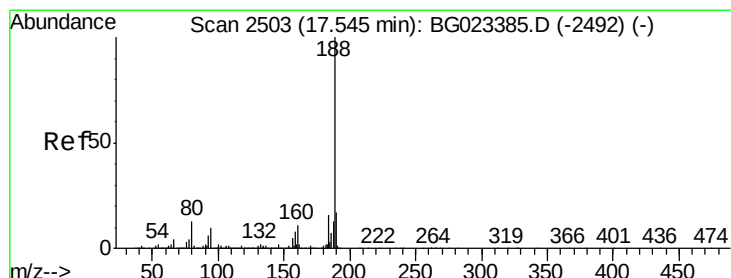
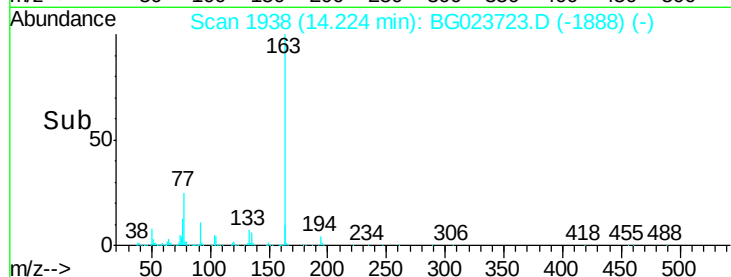
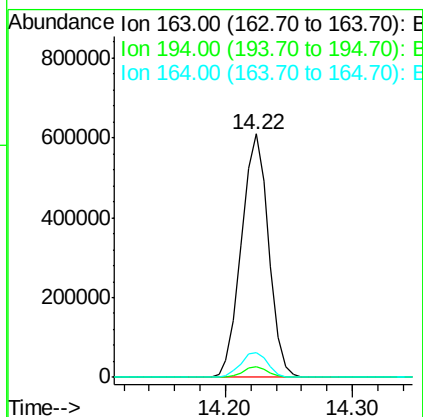
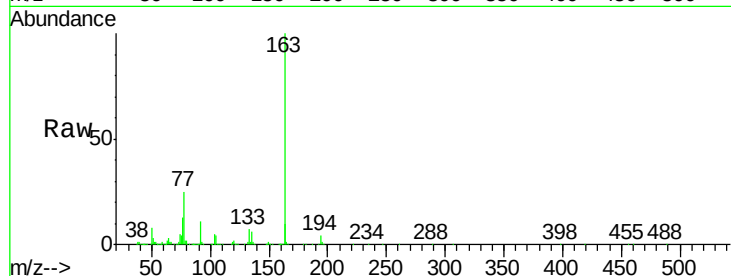
Instrument :

BNA_G

ClientSampleId :

S-4

Tgt Ion:	163	Resp:	906300
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	10.2	8.1	12.1



#63

Phenanthrene-d10

Concen: 20.00 ng

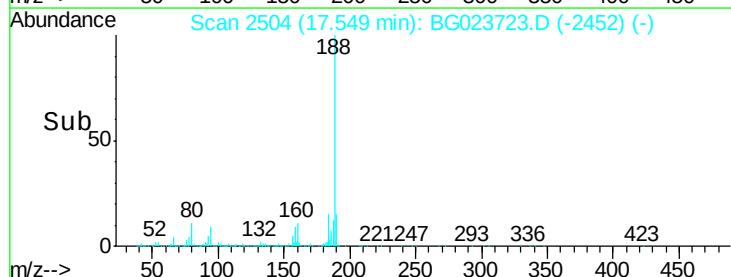
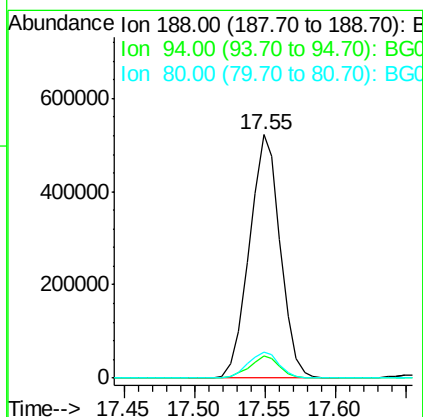
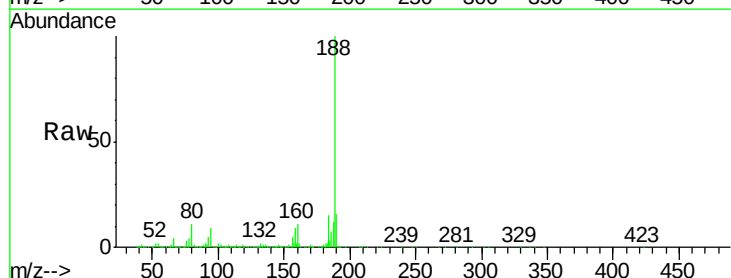
RT: 17.55 min Scan# 2504

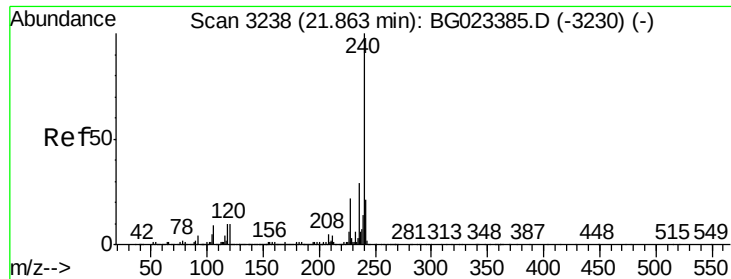
Delta R.T. 0.00 min

Lab File: BG023723.D

Acq: 15 Aug 2016 15:58

Tgt Ion:	188	Resp:	799937
Ion	Ratio	Lower	Upper
188	100		
94	9.2	5.2	7.8#
80	10.8	7.2	10.8

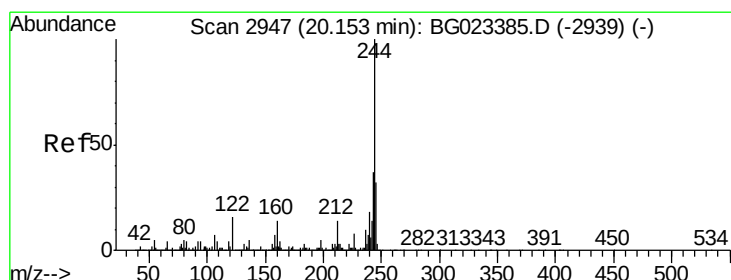
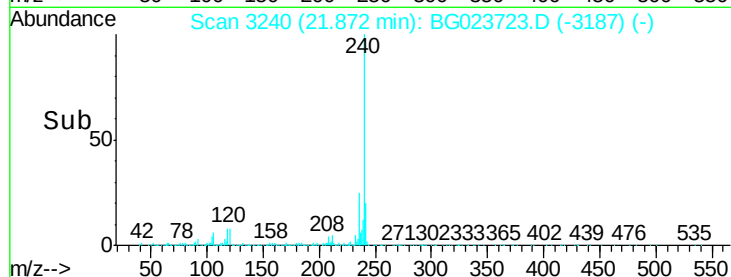
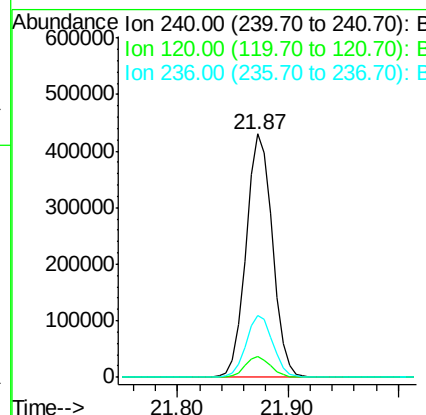
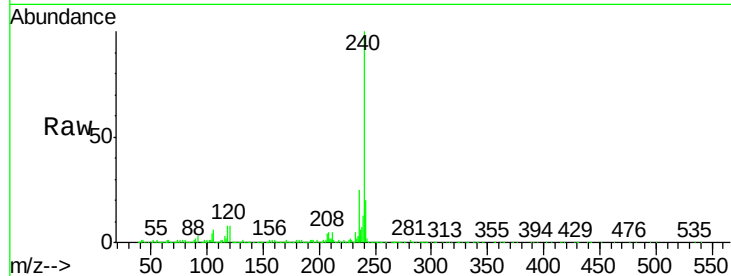




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3240
Delta R.T. 0.01 min
Lab File: BG023723.D
Acq: 15 Aug 2016 15:58

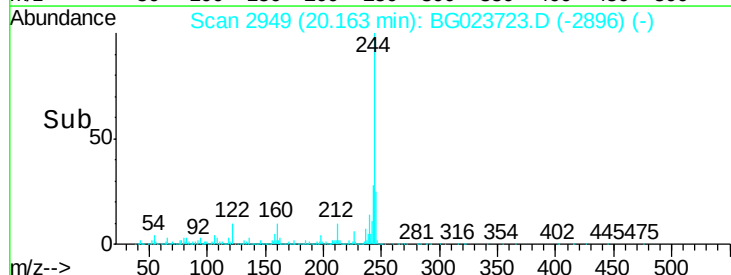
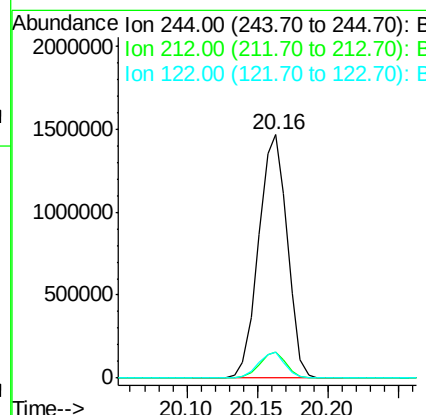
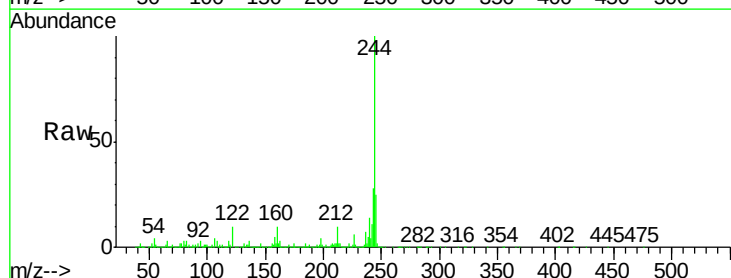
Instrument :
BNA_G
ClientSampled :
S-4

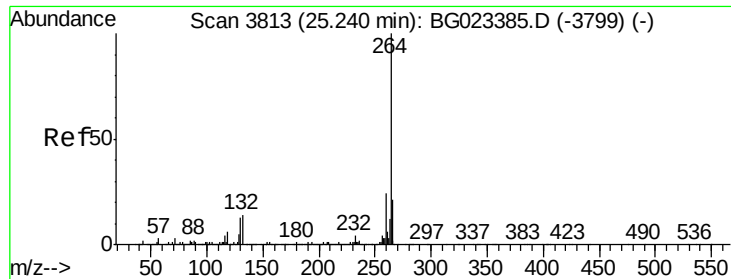
Tgt Ion:240 Resp: 718880
Ion Ratio Lower Upper
240 100
120 8.3 4.1 6.1#
236 25.4 21.1 31.7



#78
Terphenyl-d14
Concen: 92.52 ng
RT: 20.16 min Scan# 2949
Delta R.T. 0.01 min
Lab File: BG023723.D
Acq: 15 Aug 2016 15:58

Tgt Ion:244 Resp: 2086508
Ion Ratio Lower Upper
244 100
212 10.5 10.8 16.2#
122 10.5 8.0 12.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.28 min Scan# 3820

Delta R.T. 0.04 min

Lab File: BG023723.D

Acq: 15 Aug 2016 15:58

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:264 Resp: 720562

Ion Ratio Lower Upper

264 100

260 23.8 18.4 27.6

265 23.7 18.9 28.3

