

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071816\
 Data File : BG023170.D
 Acq On : 18 Jul 2016 22:37
 Operator : UM/SJ
 Sample : H4044-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F9-B2(6-11)C

Quant Time: Jul 19 13:56:25 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 01:16:03 2016
 Response via : Initial Calibration

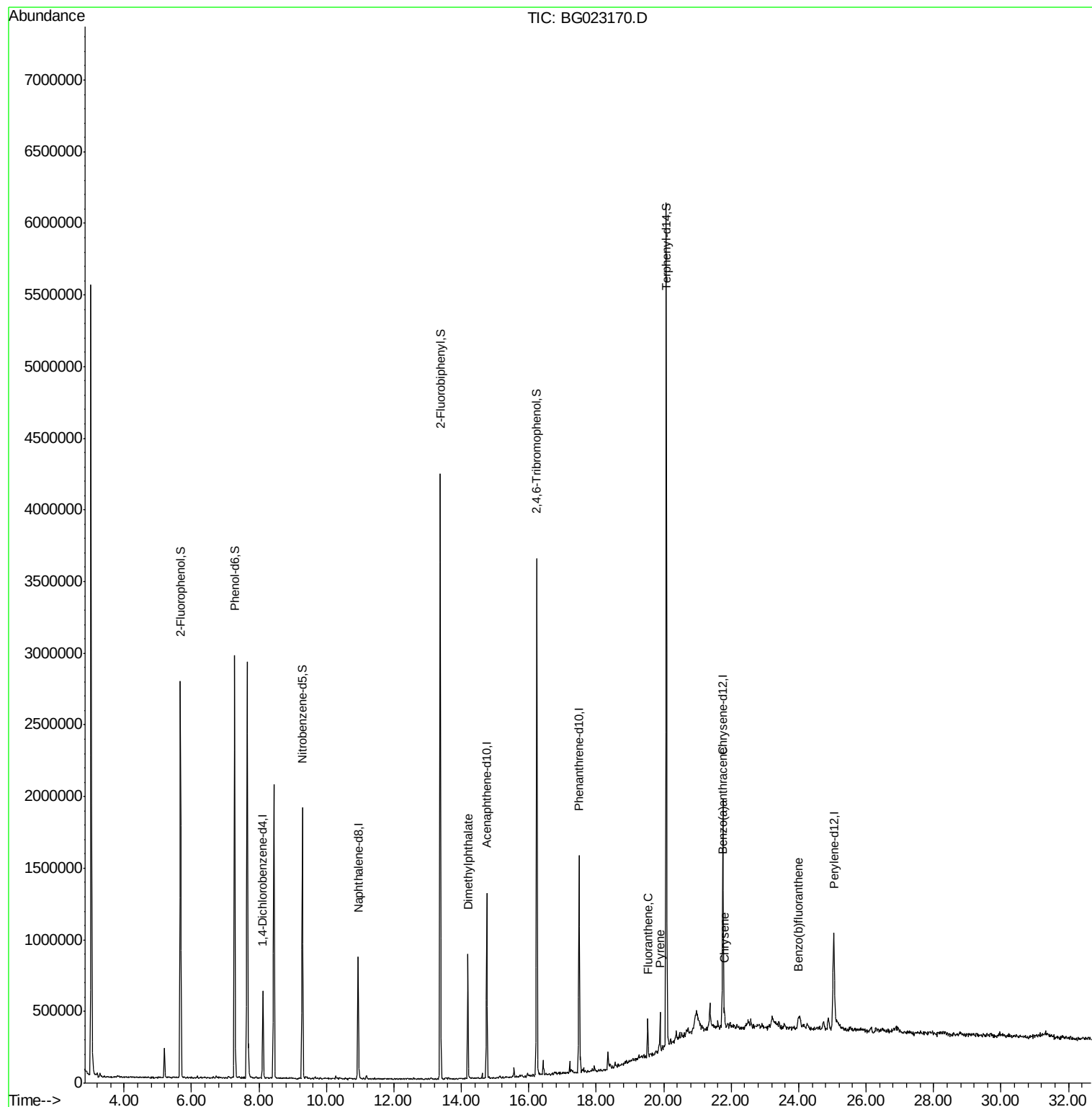
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	151454	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	671522	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	434471	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	911535	20.00	ng	0.00
75) Chrysene-d12	21.75	240	894327	20.00	ng	0.00
86) Perylene-d12	25.04	264	873825	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1088295	117.52	ng	0.00
7) Phenol-d6	7.28	99	1642491	113.24	ng	0.00
23) Nitrobenzene-d5	9.29	82	1237318	78.90	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	626639	80.25	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	1983515	71.91	ng	0.00
78) Terphenyl-d14	20.08	244	2185345	73.64	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.19	163	514271	14.49	ng	Qvalue 98
74) Fluoranthene	19.53	202	166440	3.04	ng	97
77) Pyrene	19.89	202	169107m	3.36	ng	
80) Benzo(a)anthracene	21.73	228	104226m	2.08	ng	
82) Chrysene	21.80	228	94769m	2.02	ng	
87) Benzo(b)fluoranthene	24.00	252	114275	2.27	ng	# 93

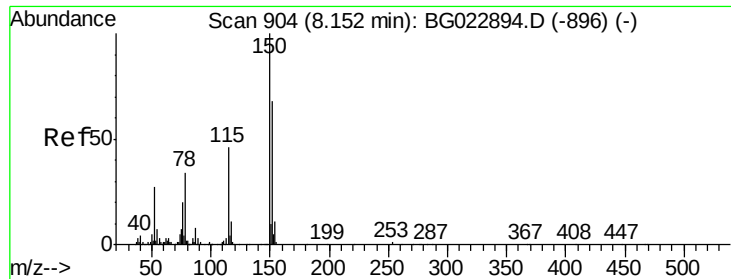
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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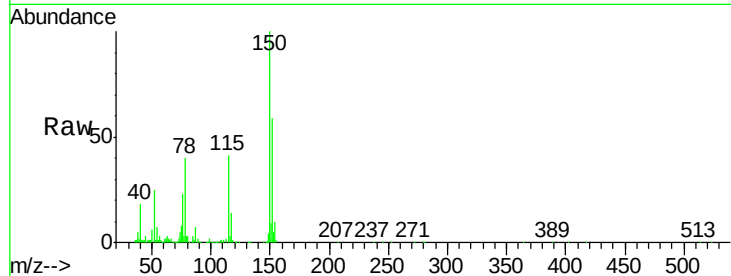


#1

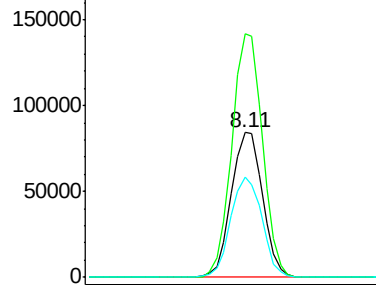
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.01 min
Lab File: BG023170.D
Acq: 18 Jul 2016 22:37

Instrument :
BNA_G
ClientSampleId :
F9-B2(6-11)C

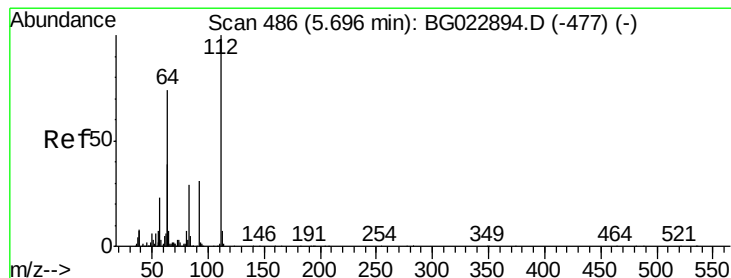
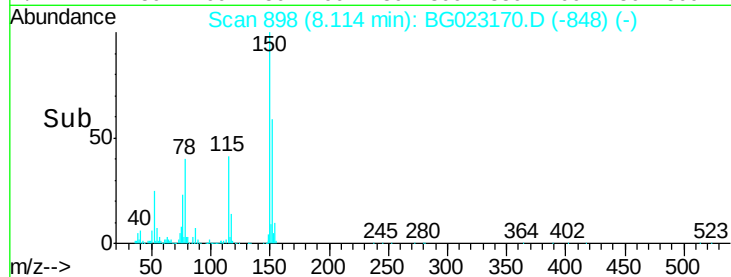
Tgt Ion	Ratio	Lower	Upper
152	100		
150	168.2	144.7	217.1
115	69.4	64.0	96.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



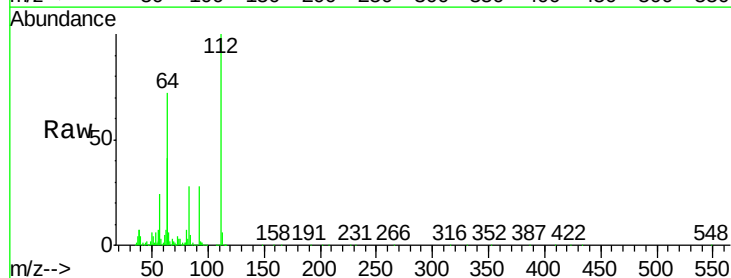
Time-->



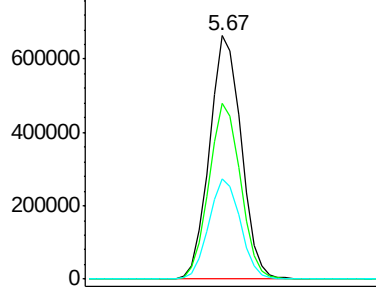
#5

2-Fluorophenol
Concen: 117.52 ng
RT: 5.67 min Scan# 482
Delta R.T. -0.01 min
Lab File: BG023170.D
Acq: 18 Jul 2016 22:37

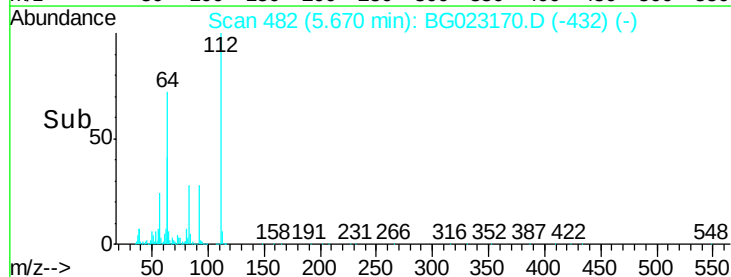
Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.1	59.0	88.4
63	41.3	37.8	56.8

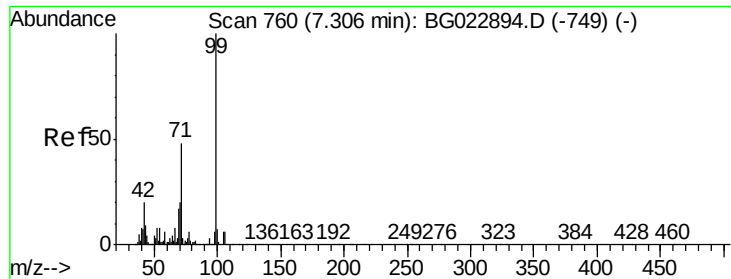


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



Time-->





#7

Phenol-d6

Concen: 113.24 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG023170.D

Acq: 18 Jul 2016 22:37

Instrument :

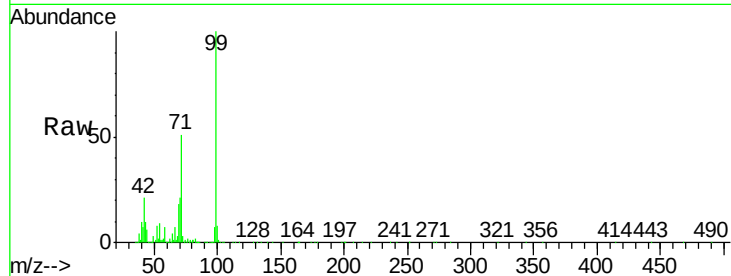
BNA_G

ClientSampleId :

F9-B2(6-11)C

Tgt Ion: 99 Resp: 1642491

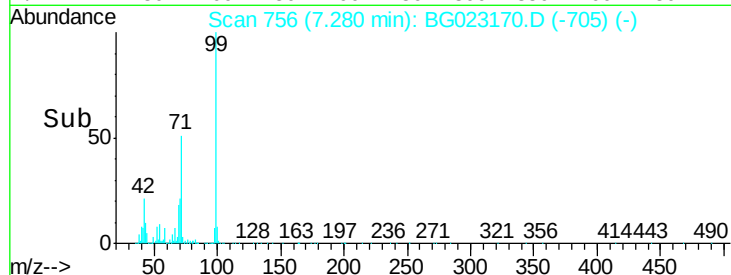
Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.8	26.6
71	50.6	41.5	62.3



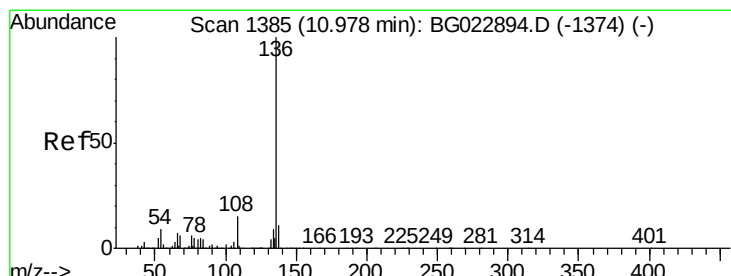
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.94 min Scan# 1379

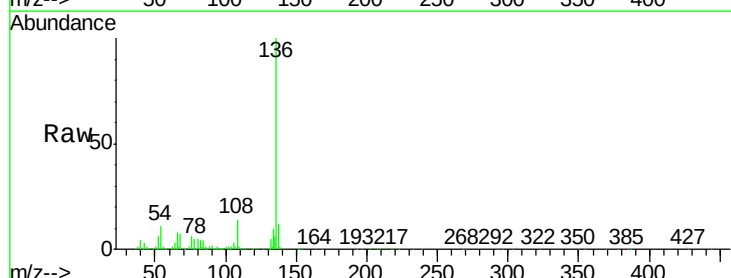
Delta R.T. 0.00 min

Lab File: BG023170.D

Acq: 18 Jul 2016 22:37

Tgt Ion: 136 Resp: 671522

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.6	14.4
54	10.7	7.3	10.9
68	7.2	5.3	7.9

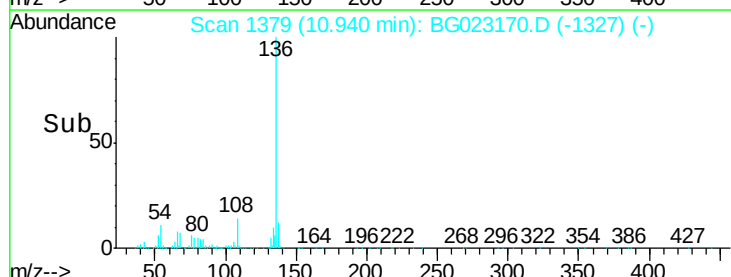


Abundance Ion 136.00 (135.70 to 136.70): BGC

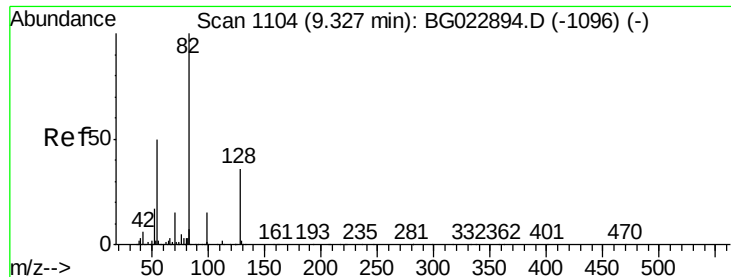
Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#23

Nitrobenzene-d5

Concen: 78.90 ng

RT: 9.29 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BG023170.D

Acq: 18 Jul 2016 22:37

Instrument :

BNA_G

ClientSampleId :

F9-B2(6-11)C

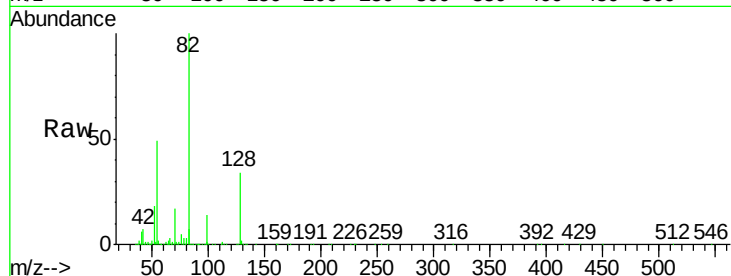
Tgt Ion: 82 Resp: 1237318

Ion Ratio Lower Upper

82 100

128 34.0 24.4 36.6

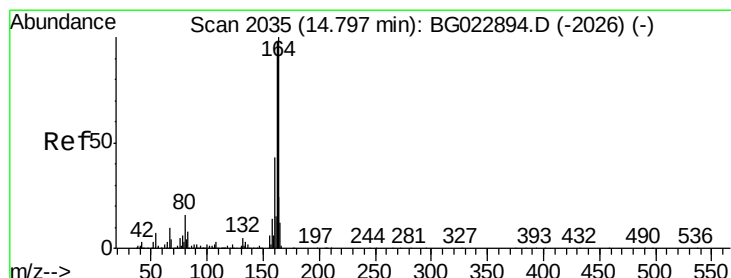
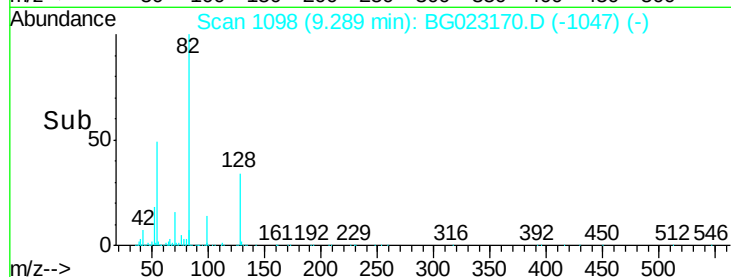
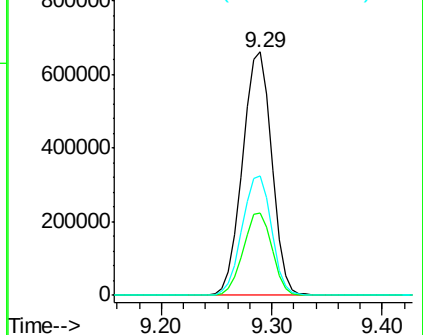
54 49.1 41.4 62.0



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BG023170.D

Acq: 18 Jul 2016 22:37

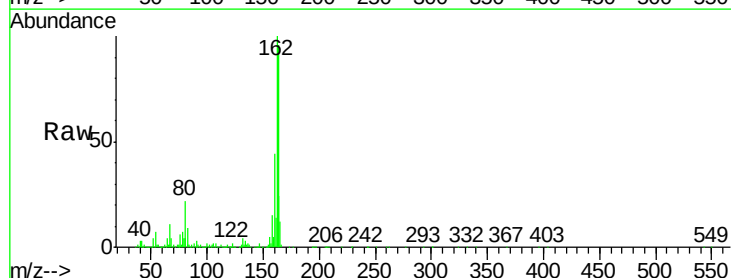
Tgt Ion: 164 Resp: 434471

Ion Ratio Lower Upper

164 100

162 103.8 87.7 131.5

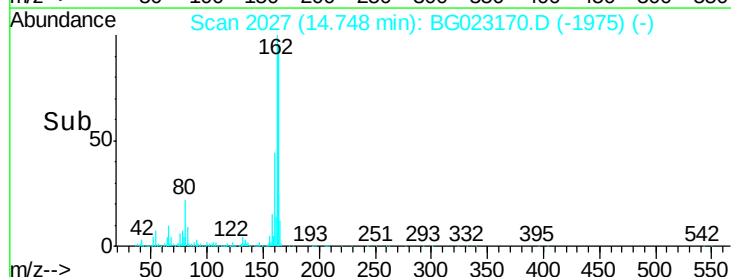
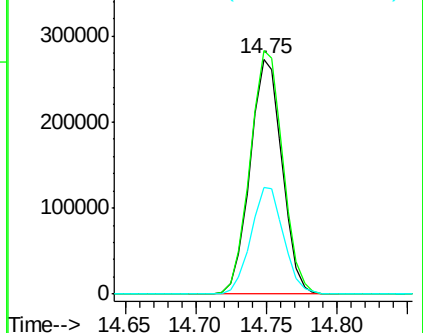
160 45.5 37.2 55.8

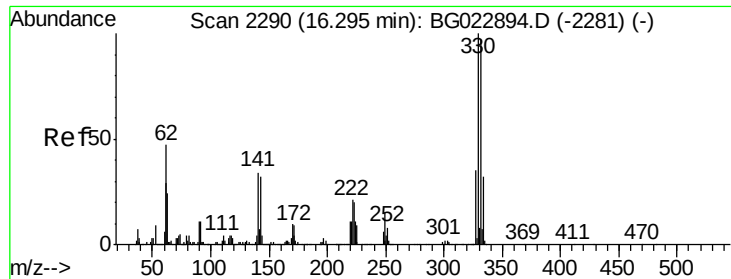


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

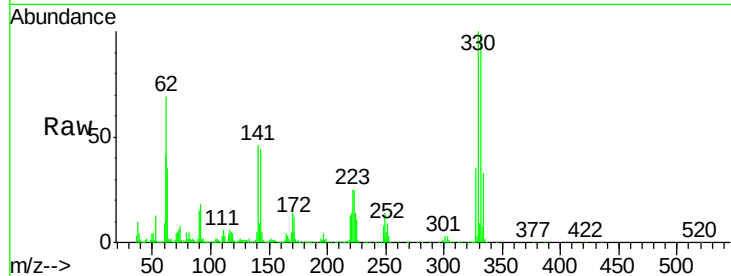




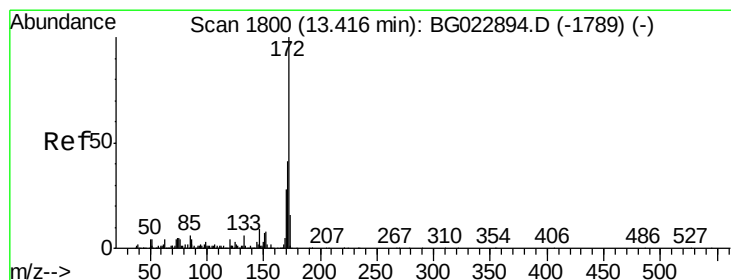
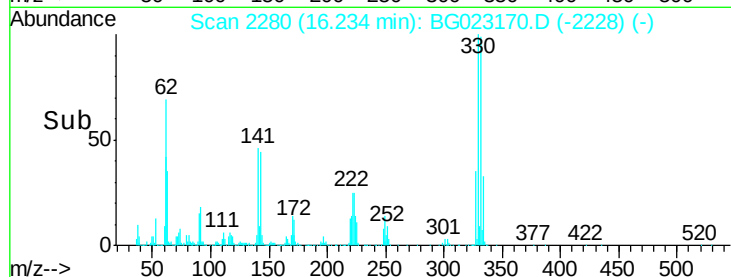
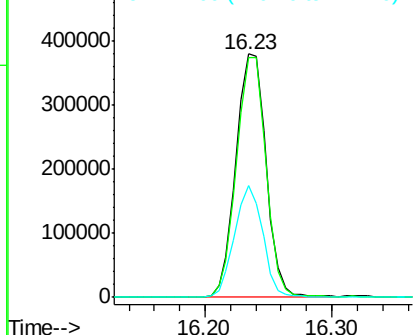
#41
 2,4,6-Tribromophenol
 Concen: 80.25 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BG023170.D
 Acq: 18 Jul 2016 22:37

Instrument :
 BNA_G
 ClientSampleId :
 F9-B2(6-11)C

Tgt Ion:330 Resp: 626639
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 42.9 31.7 47.5

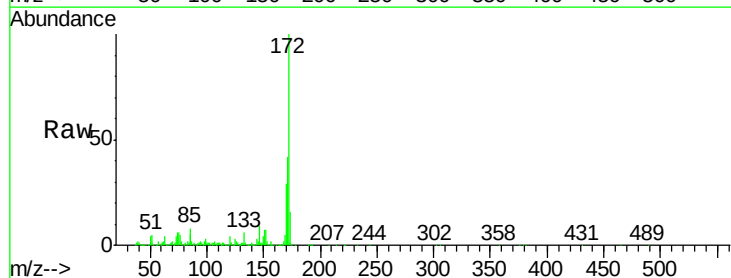


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

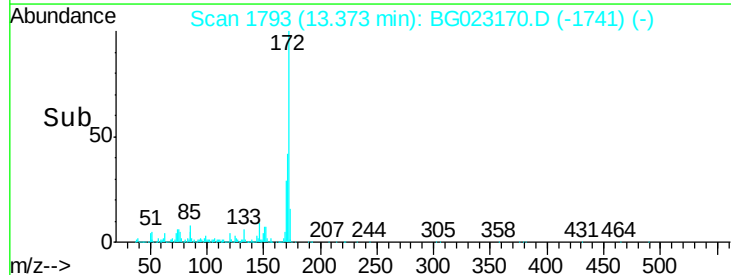
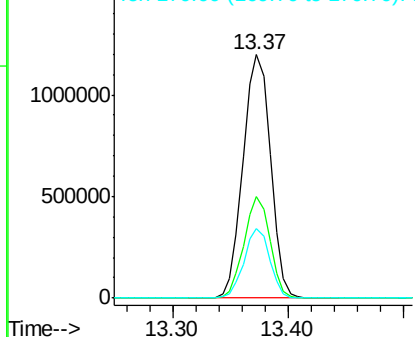


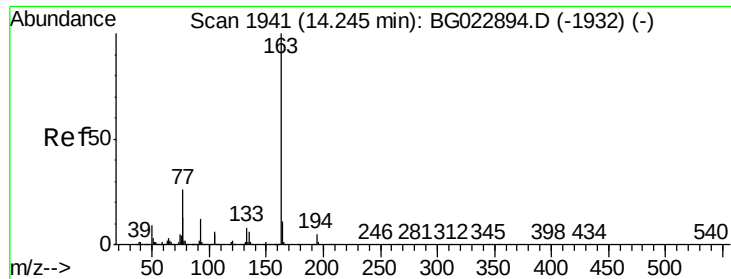
#44
 2-Fluorobiphenyl
 Concen: 71.91 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG023170.D
 Acq: 18 Jul 2016 22:37

Tgt Ion:172 Resp: 1983515
 Ion Ratio Lower Upper
 172 100
 171 41.6 31.6 47.4
 170 28.8 21.3 31.9



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

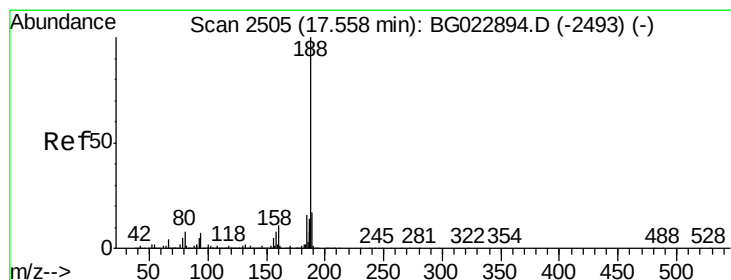
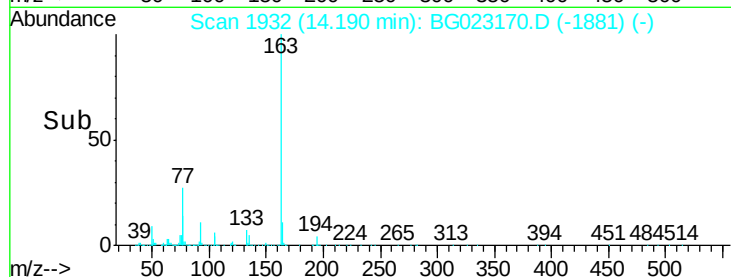
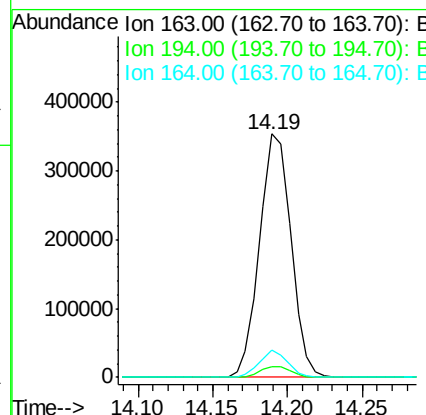
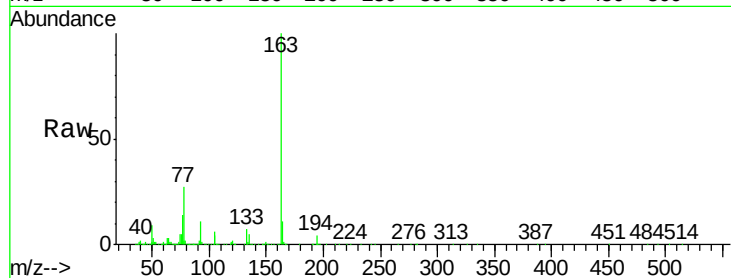




#49
Dimethylphthalate
Concen: 14.49 ng
RT: 14.19 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BG023170.D
Acq: 18 Jul 2016 22:37

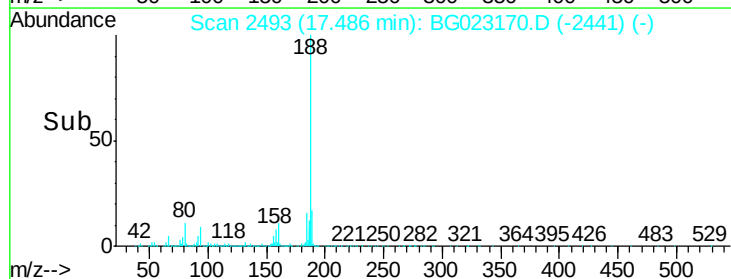
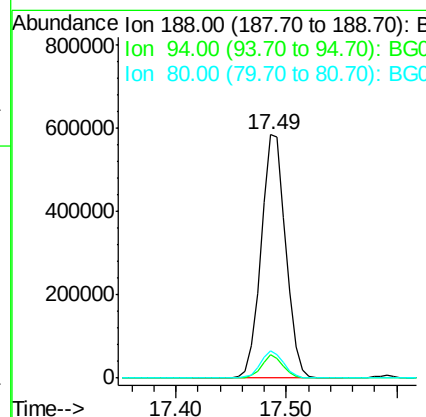
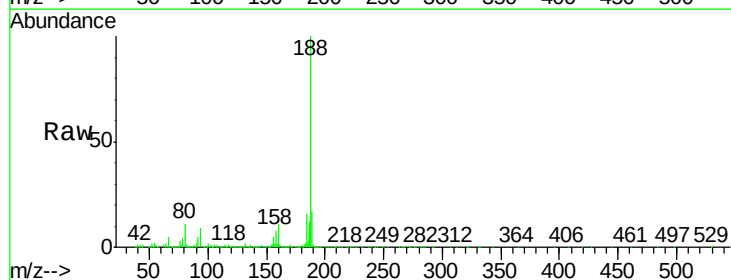
Instrument :
BNA_G
ClientSampleId :
F9-B2(6-11)C

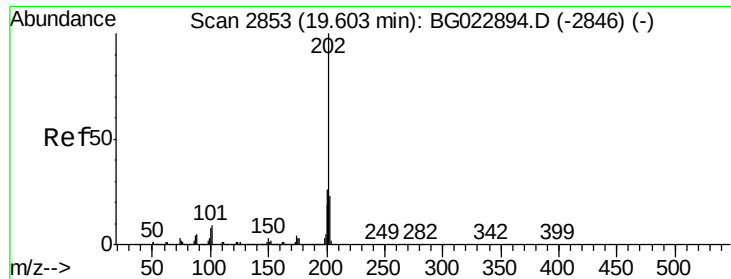
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.6	5.4
164	11.2	8.1	12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. 0.00 min
Lab File: BG023170.D
Acq: 18 Jul 2016 22:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	5.2	7.8#
80	11.2	7.2	10.8#

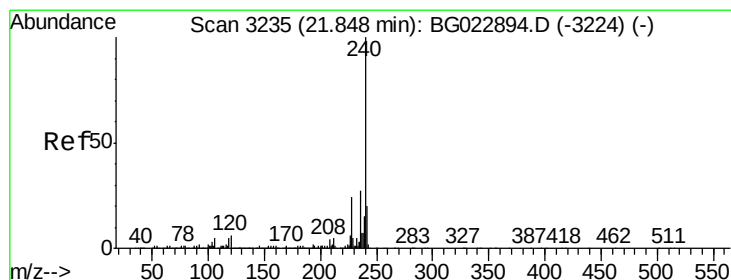
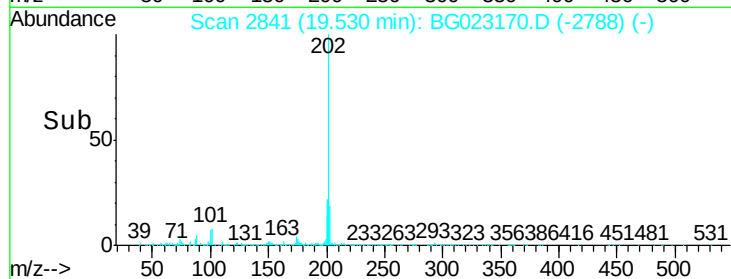
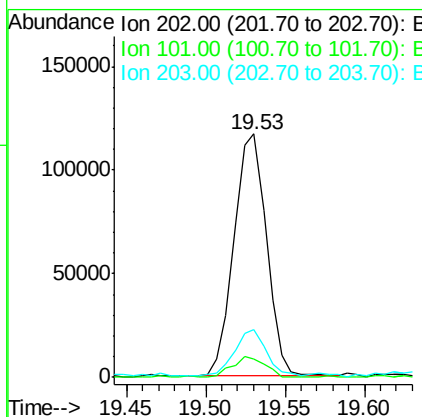
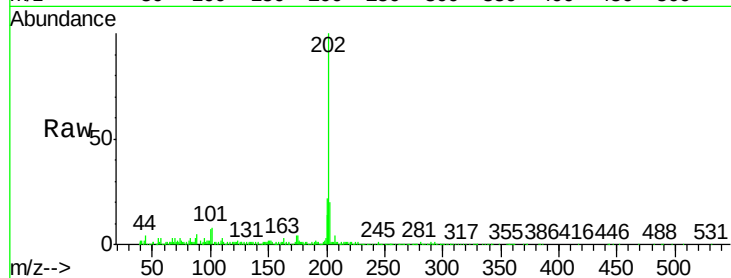




#74
 Fluoranthene
 Concen: 3.04 ng
 RT: 19.53 min Scan# 2841
 Delta R.T. 0.01 min
 Lab File: BG023170.D
 Acq: 18 Jul 2016 22:37

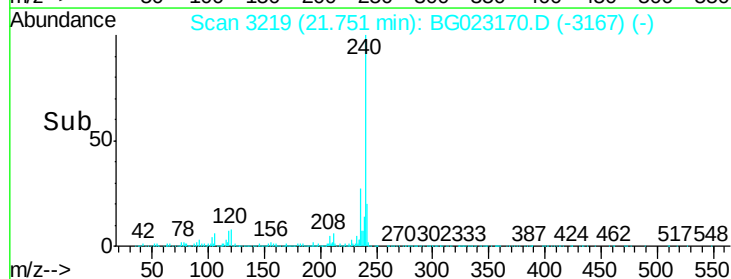
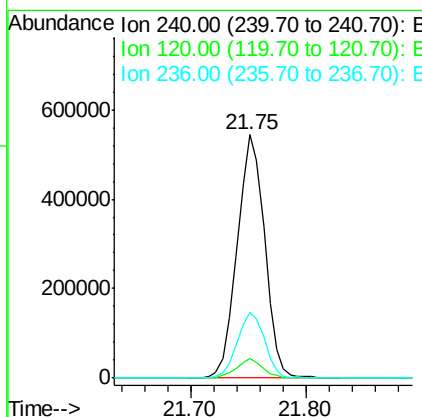
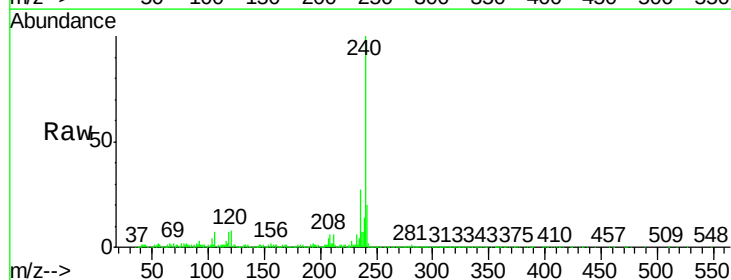
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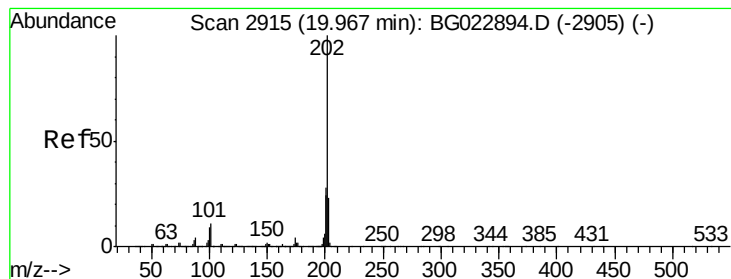
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	27.4
203	19.9	1.7	41.7



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.75 min Scan# 3219
 Delta R.T. 0.00 min
 Lab File: BG023170.D
 Acq: 18 Jul 2016 22:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	4.1	6.1#
236	27.0	21.1	31.7





#77

Pyrene

Concen: 3.36 ng m

RT: 19.89 min Scan# 2902

Delta R.T. 0.00 min

Lab File: BG023170.D

Acq: 18 Jul 2016 22:37

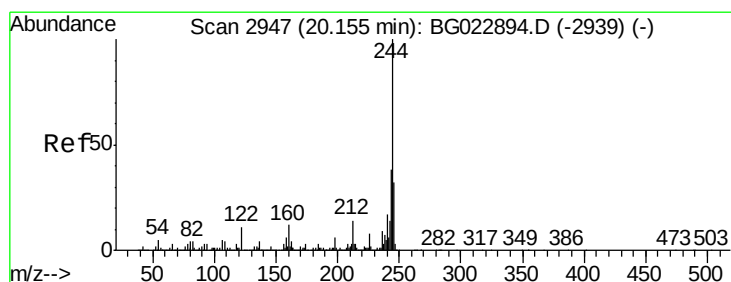
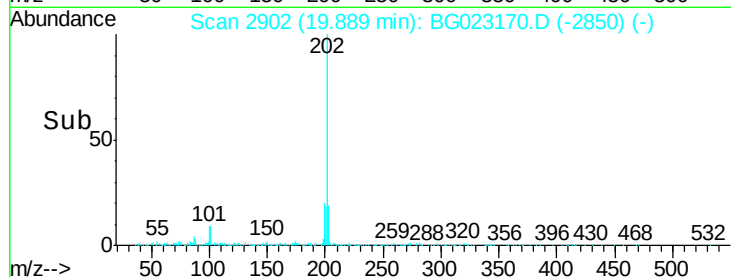
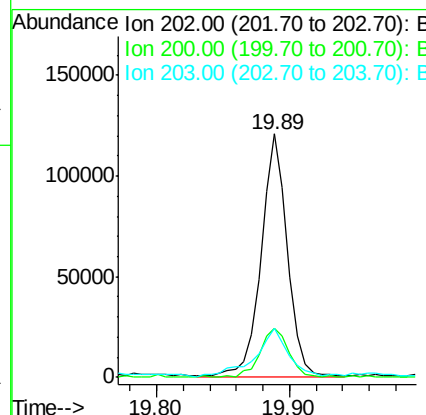
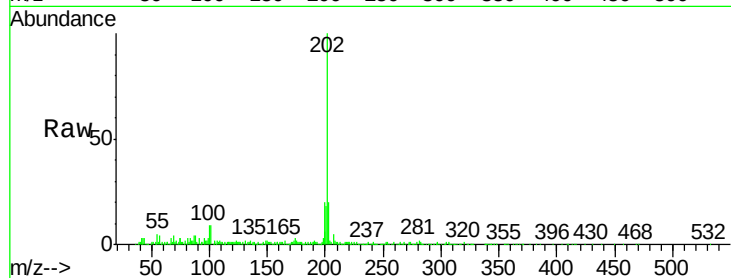
Instrument :

BNA_G

ClientSampleId :

F9-B2(6-11)C

Tgt Ion:	202	Resp:	169107
Ion	Ratio	Lower	Upper
202	100		
200	20.2	21.2	31.8#
203	20.3	16.8	25.2



#78

Terphenyl-d14

Concen: 73.64 ng

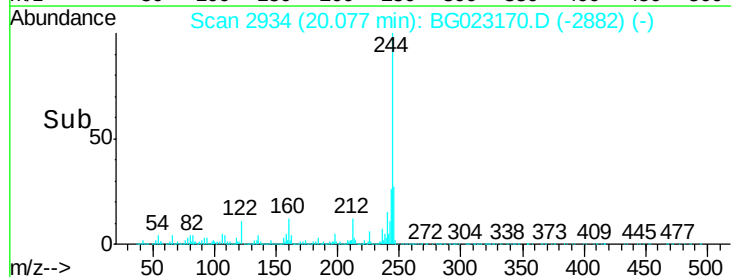
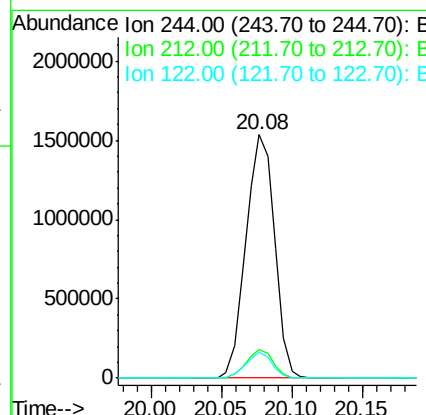
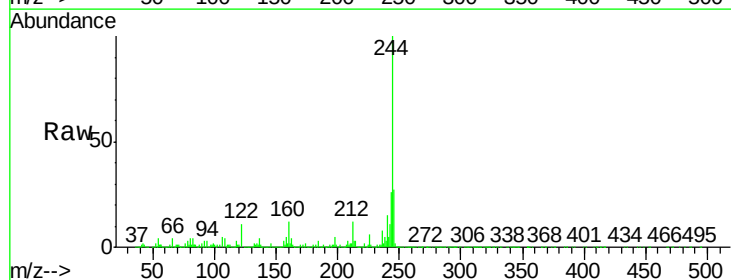
RT: 20.08 min Scan# 2934

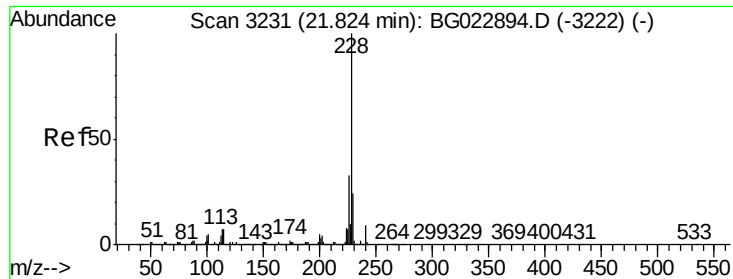
Delta R.T. 0.00 min

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Tgt Ion:	244	Resp:	2185345
Ion	Ratio	Lower	Upper
244	100		
212	11.9	10.8	16.2
122	10.6	8.0	12.0

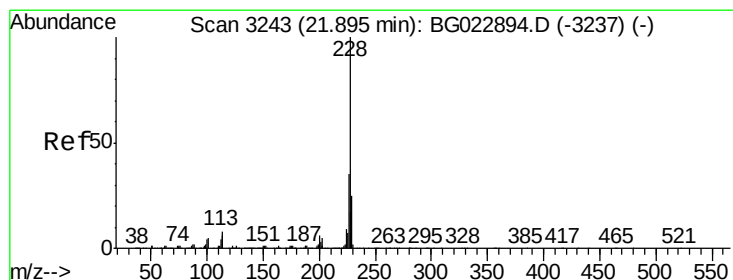
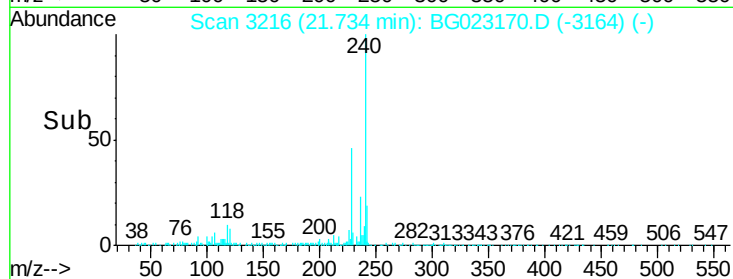
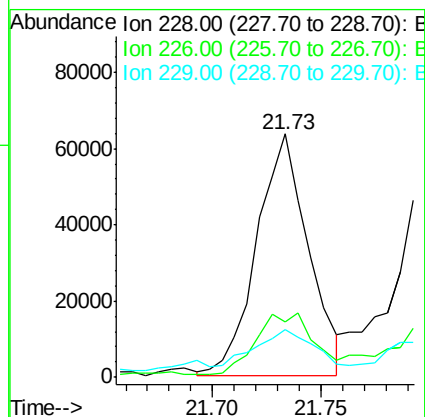
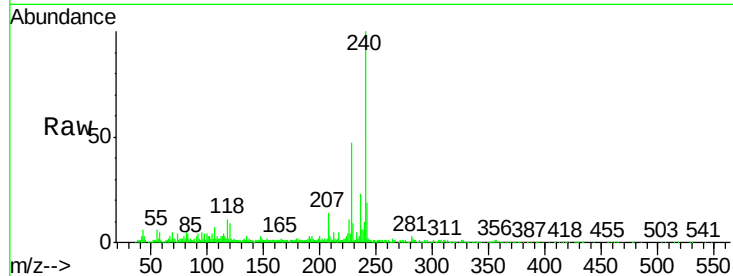




#80
Benzo(a)anthracene
Concen: 2.08 ng m
RT: 21.73 min Scan# 3216
Delta R.T. 0.00 min
Lab File: BG023170.D
Acq: 18 Jul 2016 22:37

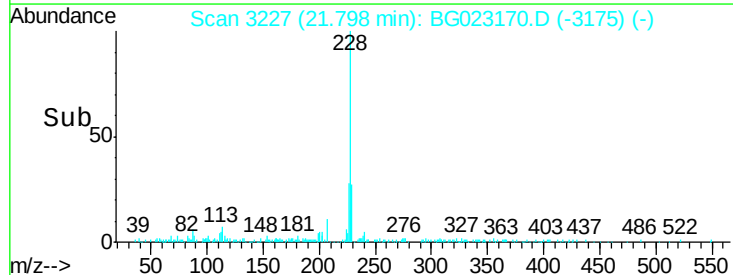
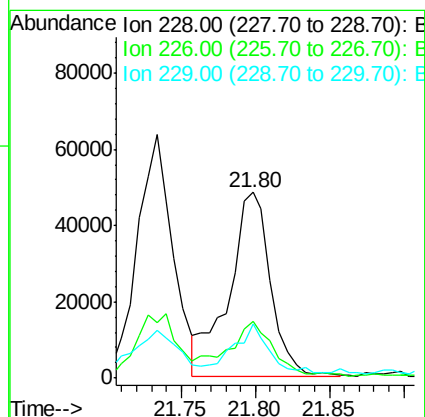
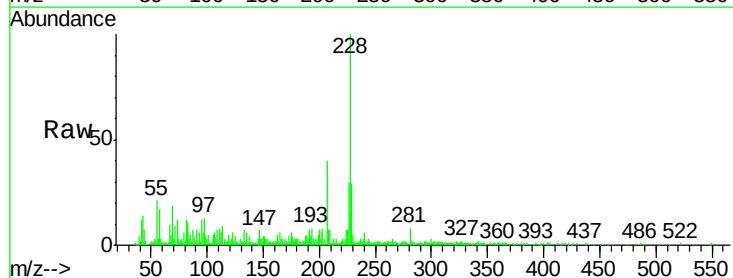
Instrument :
BNA_G
ClientSampleId :
F9-B2(6-11)C

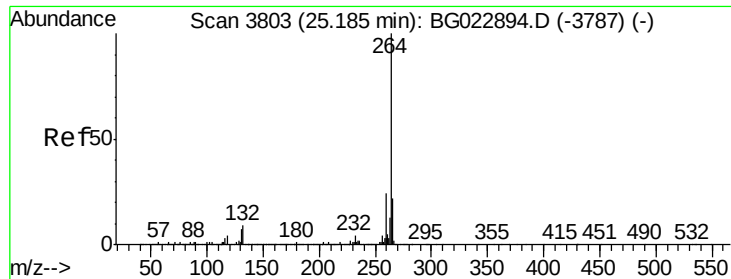
Tgt Ion:228 Resp: 104226
Ion Ratio Lower Upper
228 100
226 22.6 25.3 37.9#
229 19.6 19.9 29.9#



#82
Chrysene
Concen: 2.02 ng m
RT: 21.80 min Scan# 3227
Delta R.T. 0.00 min
Lab File: BG023170.D
Acq: 18 Jul 2016 22:37

Tgt Ion:228 Resp: 94769
Ion Ratio Lower Upper
228 100
226 30.5 26.7 40.1
229 29.5 17.4 26.2#

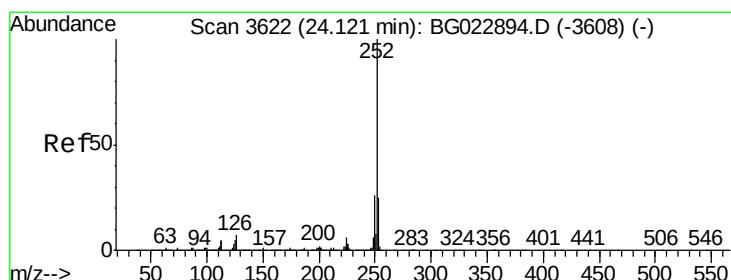
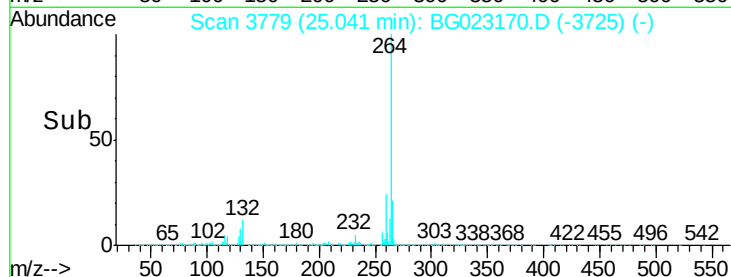
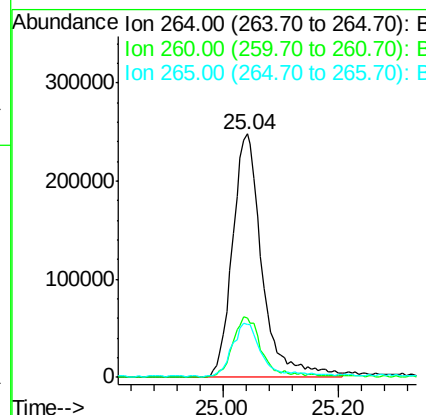
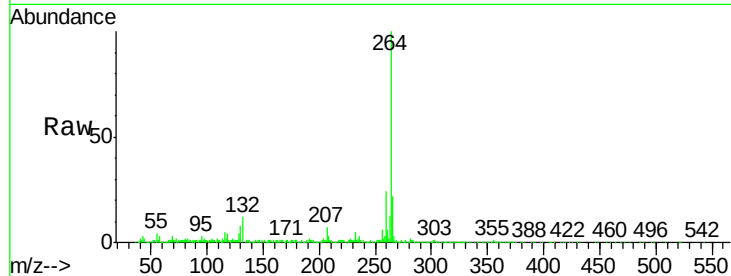




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.04 min Scan# 3779
 Delta R.T. 0.02 min
 Lab File: BG023170.D
 Acq: 18 Jul 2016 22:37

Instrument :
 BNA_G
 ClientSampleId :
 F9-B2(6-11)C

Tgt Ion:	264	Resp:	873825
Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.4	27.6
265	21.6	18.9	28.3



#87
 Benzo(b)fluoranthene
 Concen: 2.27 ng
 RT: 24.00 min Scan# 3601
 Delta R.T. 0.02 min
 Lab File: BG023170.D
 Acq: 18 Jul 2016 22:37

Tgt Ion:	252	Resp:	114275
Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.9	28.3
125	12.7	3.9	5.9#

