

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
 Data File : BG032841.D
 Acq On : 27 Feb 2018 3:49
 Operator : SJ/JU
 Sample : J1691-28
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B7

Quant Time: Feb 27 07:15:41 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	76749	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	330647	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	180477	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	417522	20.00	ng	0.00
75) Chrysene-d12	22.62	240	389416	20.00	ng	-0.01
86) Perylene-d12	26.43	264	406417	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	588036	122.58	ng	0.00
7) Phenol-d6	8.02	99	700700	104.79	ng	0.00
23) Nitrobenzene-d5	10.12	82	492032	101.14	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	269921	142.24	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1098020	87.75	ng	0.00
78) Terphenyl-d14	20.78	244	1598460	92.22	ng	0.00

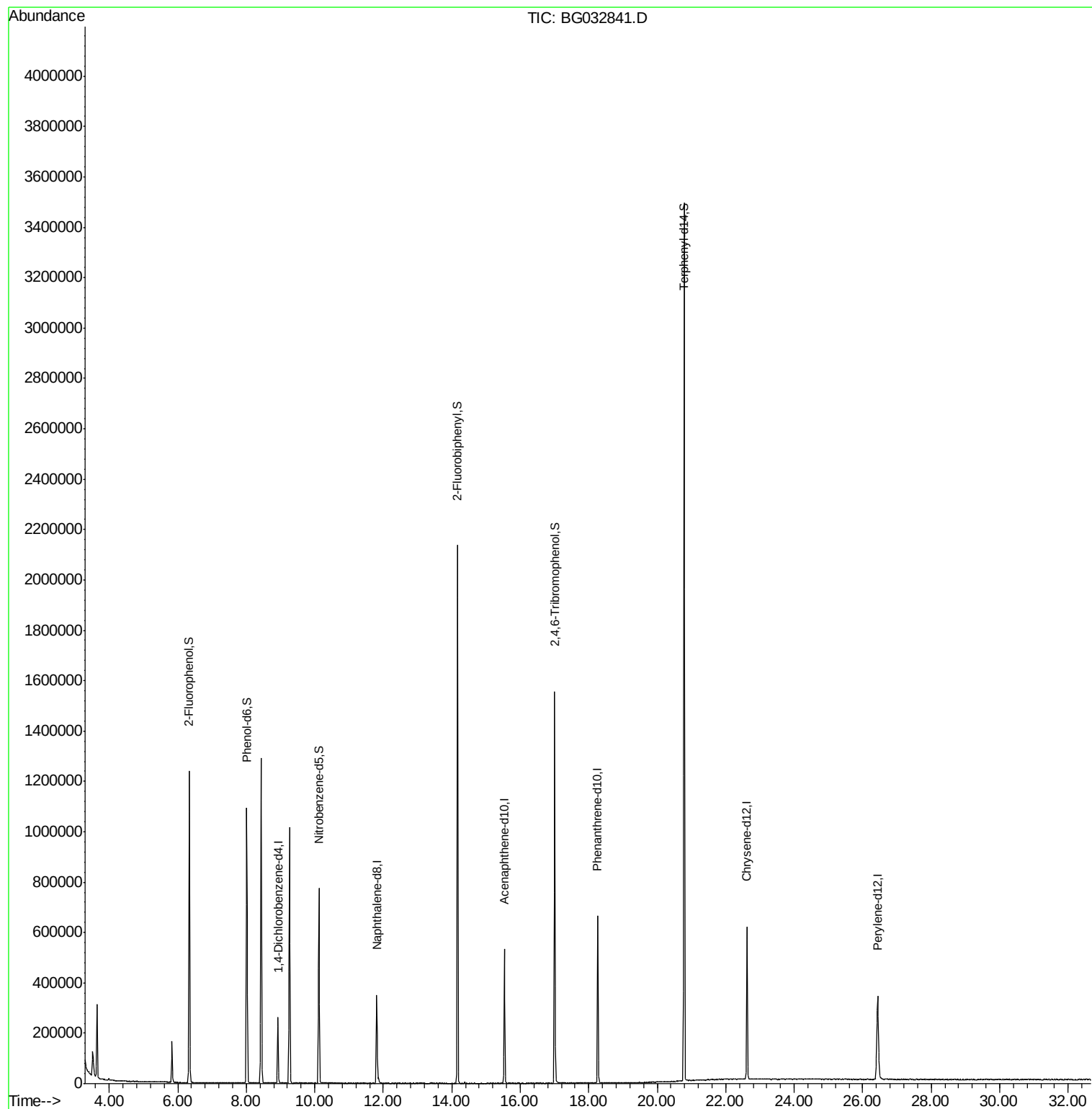
Target Compounds Qvalue

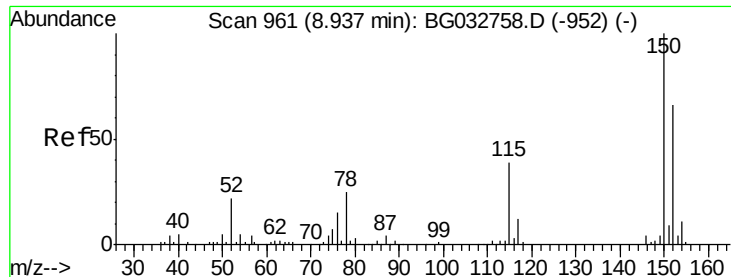
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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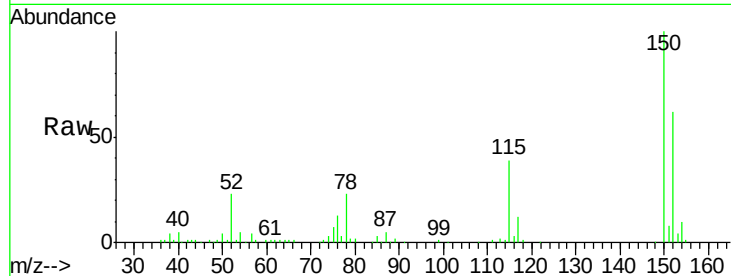


#1

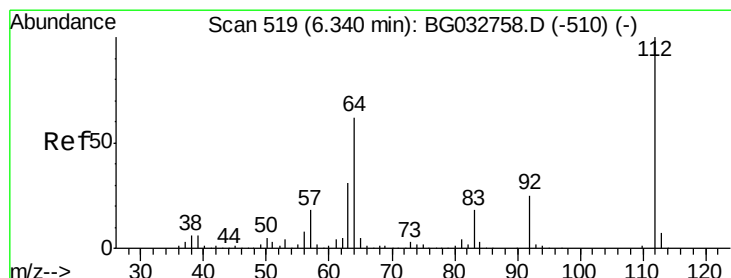
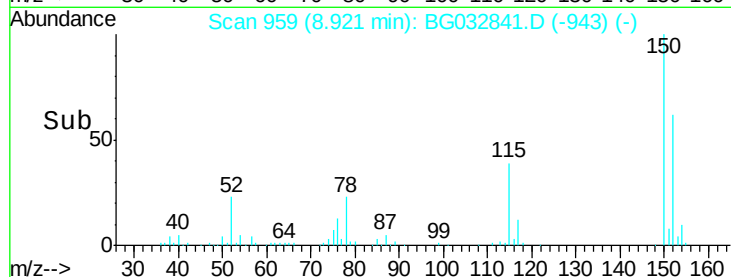
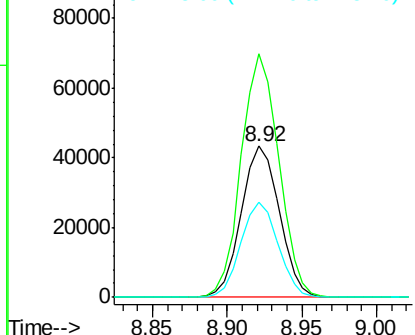
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.92 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BG032841.D
 Acq: 27 Feb 2018 3:49

Instrument :
 BNA_G
 ClientSampleId :
 B7

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	126.6	189.8
115	62.5	53.0	79.4



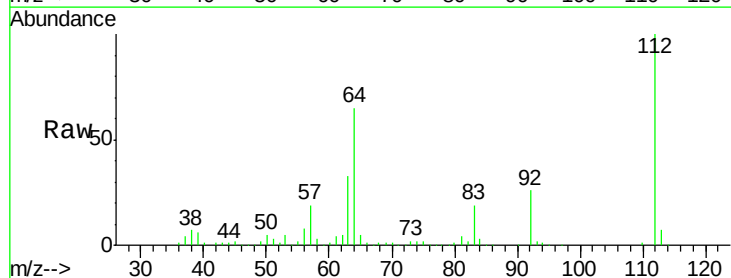
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



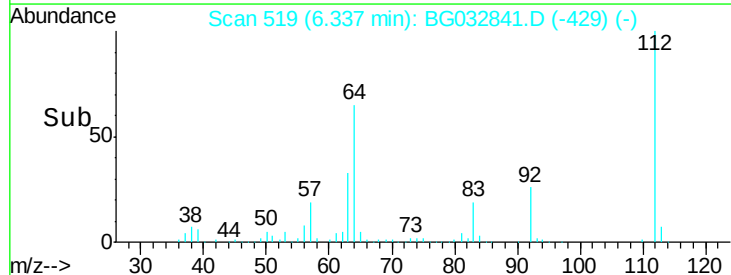
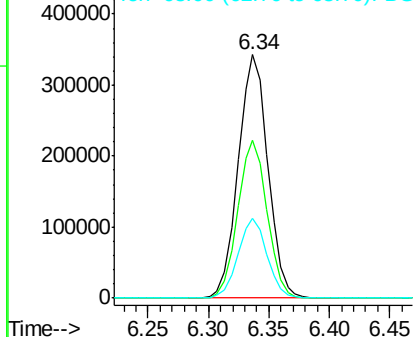
#5

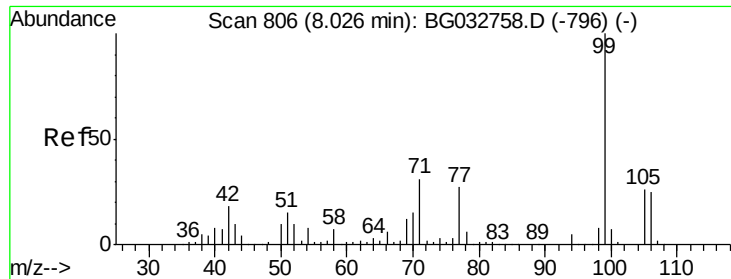
2-Fluorophenol
 Concen: 122.578 ng
 RT: 6.34 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BG032841.D
 Acq: 27 Feb 2018 3:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	56.3	84.5
63	32.5	30.1	45.1



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





#7

Phenol-d6

Concen: 104.790 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032841.D

Acq: 27 Feb 2018 3:49

Instrument :

BNA_G

ClientSampled :

B7

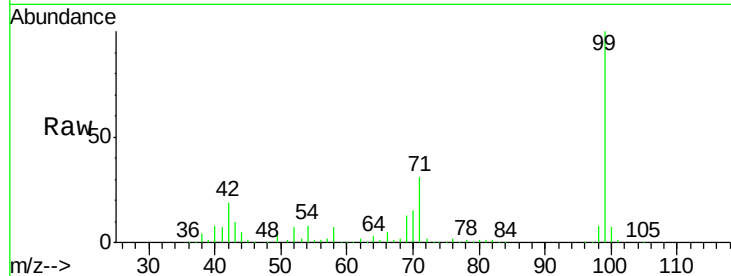
Tot Ion: 99 Resp: 700700

Ion Ratio Lower Upper

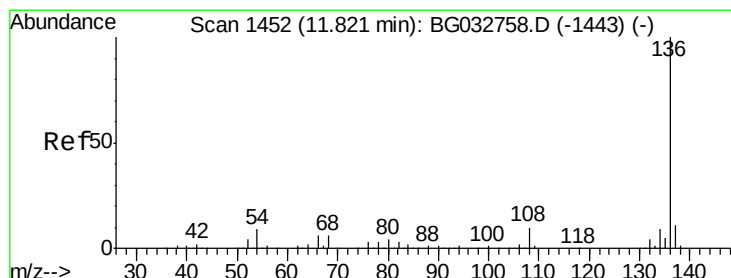
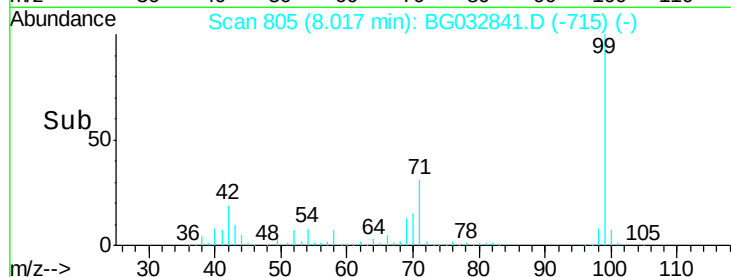
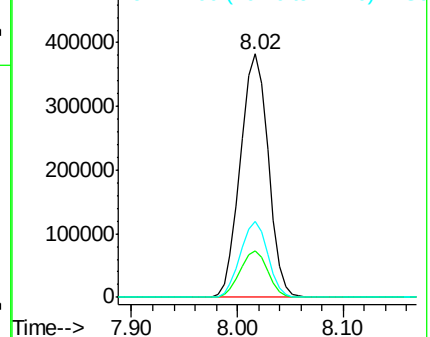
99 100

42 19.2 14.1 21.1

71 31.3 26.1 39.1



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.81 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BG032841.D

Acq: 27 Feb 2018 3:49

Tgt Ion: 136 Resp: 330647

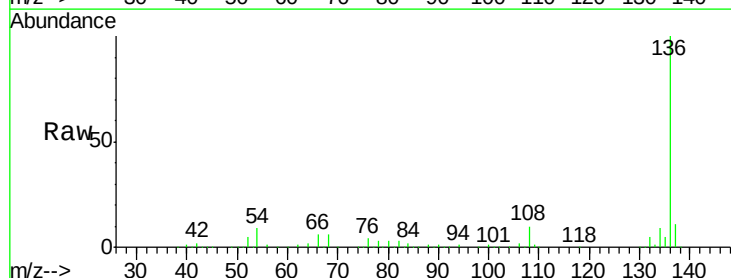
Ion Ratio Lower Upper

136 100

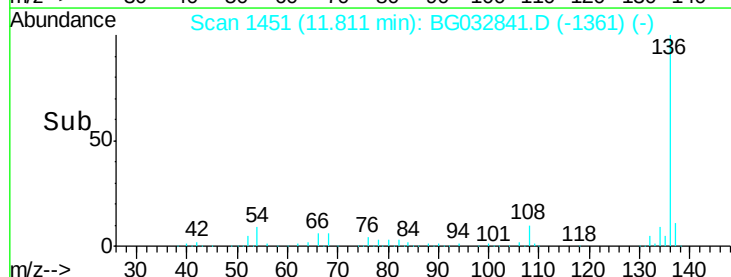
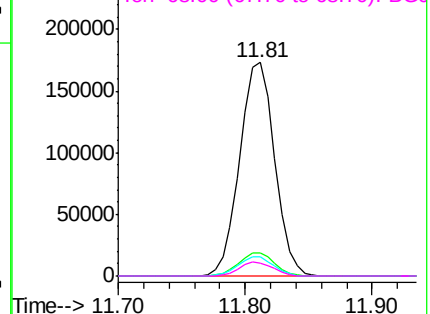
137 11.1 9.2 13.8

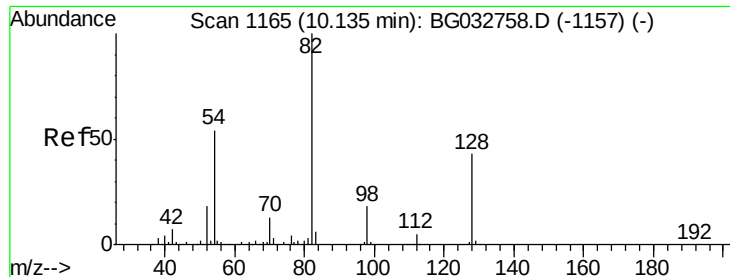
54 9.0 10.3 15.5#

68 6.0 4.5 6.7



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

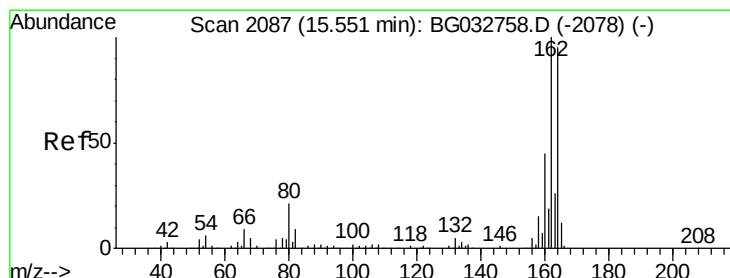
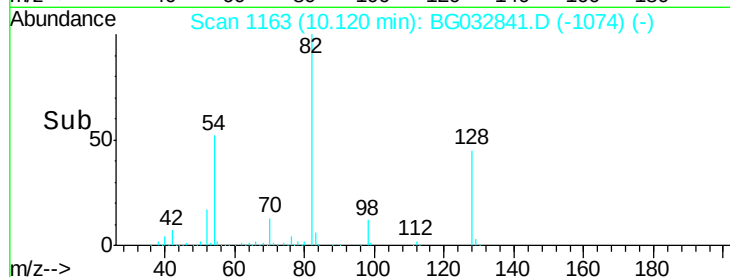
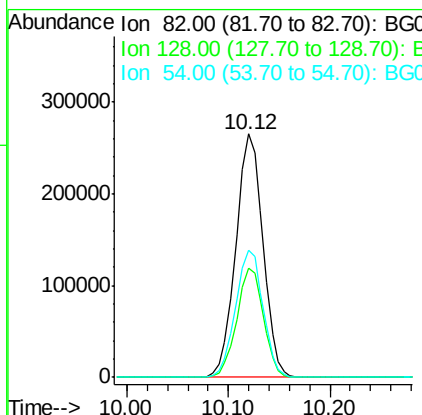
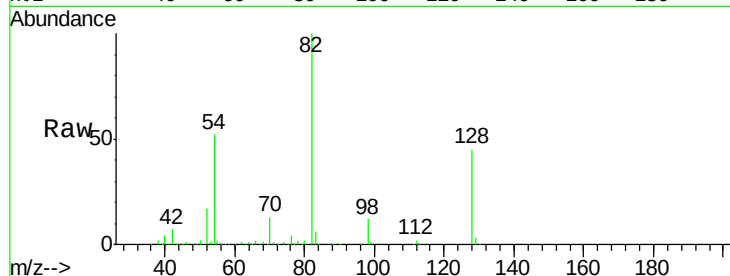




#23
 Nitrobenzene-d5
 Concen: 101.136 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BG032841.D
 Acq: 27 Feb 2018 3:49

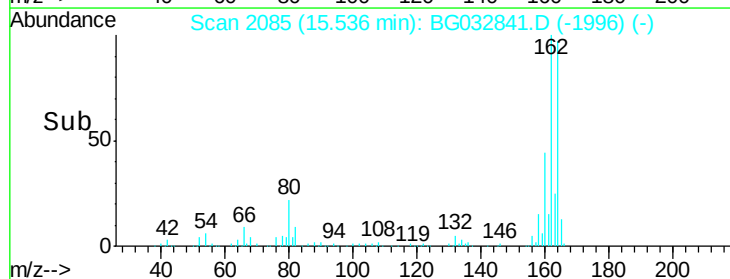
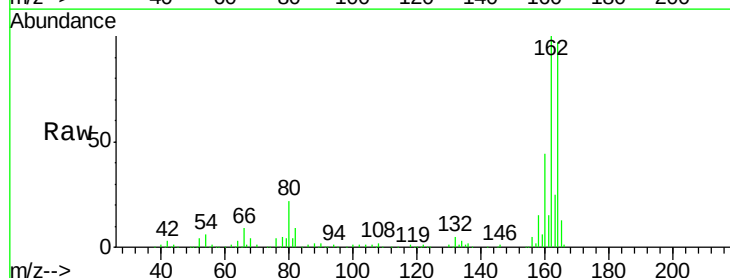
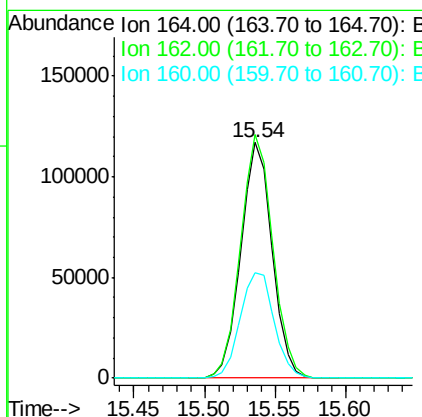
Instrument :
 BNA_G
 ClientSampled :
 B7

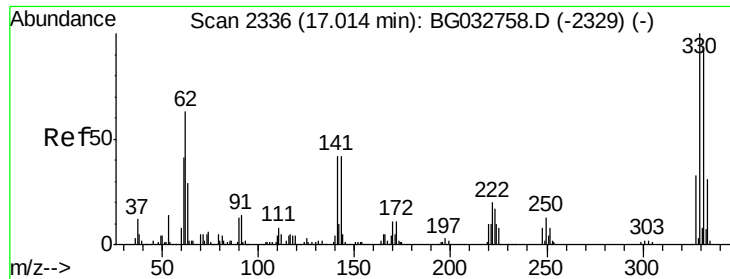
Tot Ion	82	Resp	492032
Ion Ratio	100		
Lower		29.7	
Upper		44.5	
128	44.8		
54	52.3		
		43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG032841.D
 Acq: 27 Feb 2018 3:49

Tgt Ion	164	Resp	180477
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower		78.8	
Upper		118.2	
162	103.4		
160	45.0		
		35.4	53.0

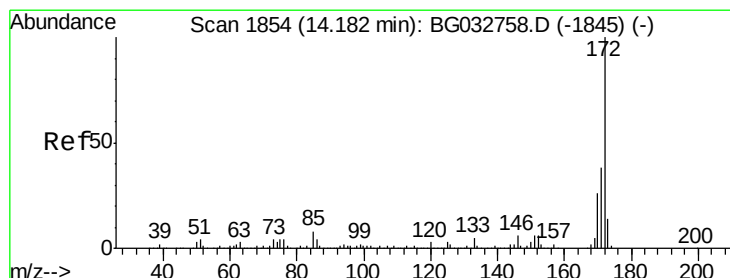
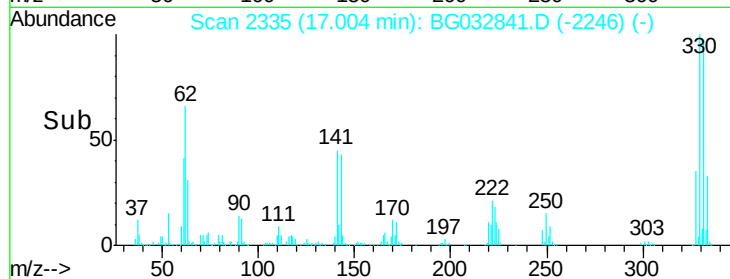
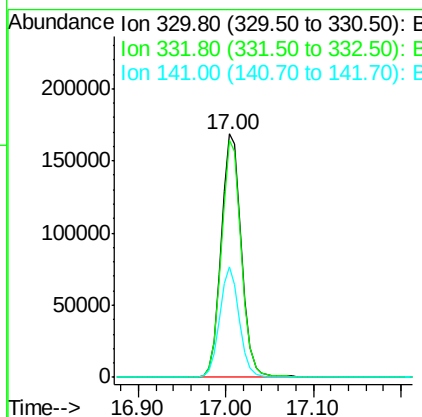
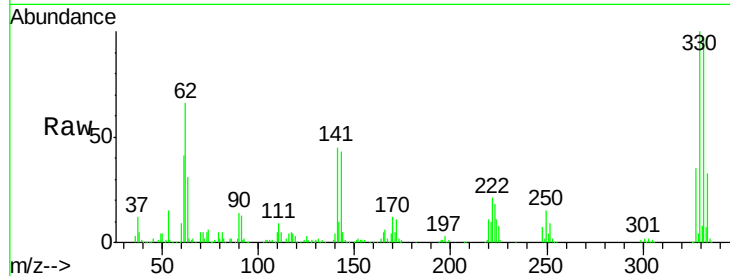




#41
 2,4,6-Tribromophenol
 Concen: 142.239 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. -0.01 min
 Lab File: BG032841.D
 Acq: 27 Feb 2018 3:49

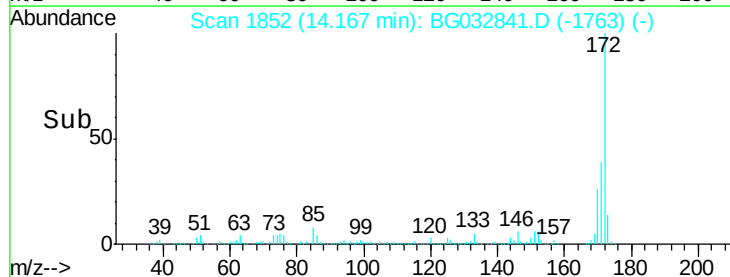
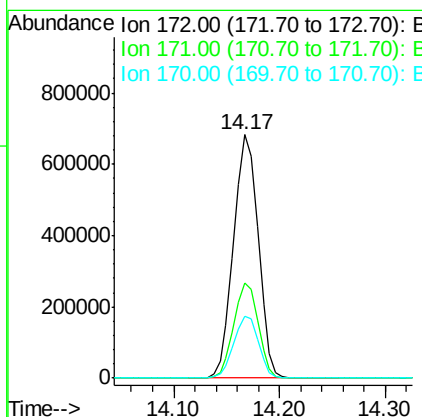
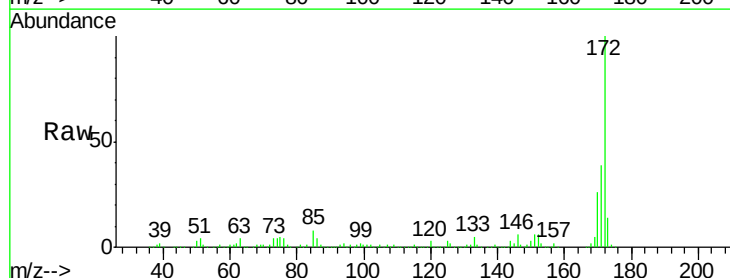
Instrument :
 BNA_G
 ClientSampleId :
 B7

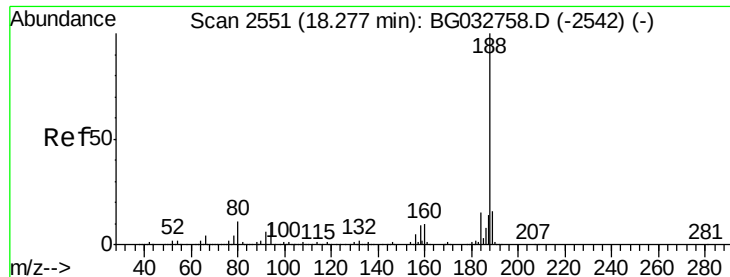
Tot Ion:330 Resp: 269921
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 43.7 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 87.746 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BG032841.D
 Acq: 27 Feb 2018 3:49

Tgt Ion:172 Resp: 1098020
 Ion Ratio Lower Upper
 172 100
 171 39.0 30.0 45.0
 170 25.6 19.5 29.3

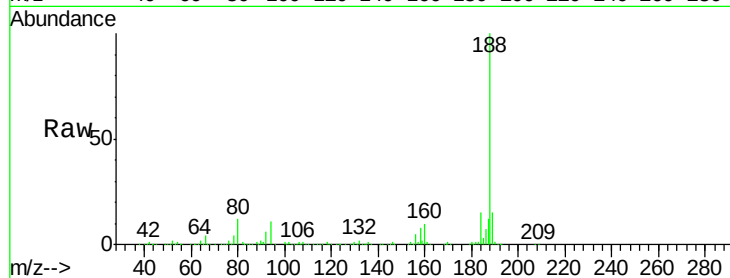




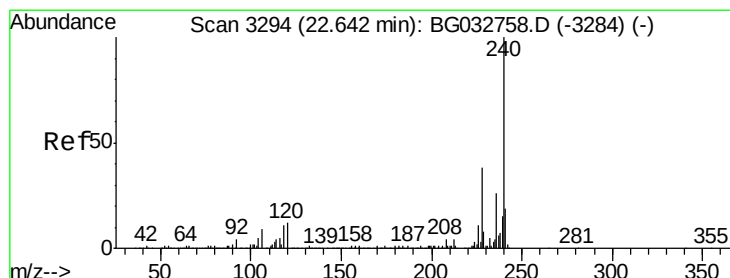
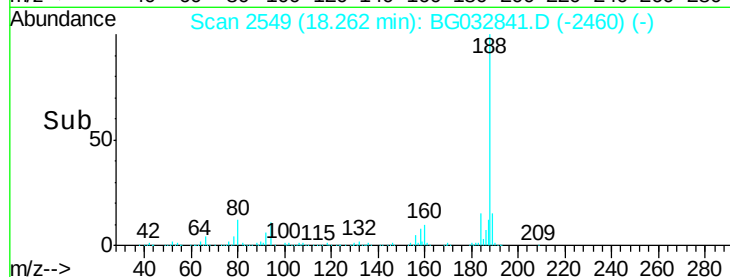
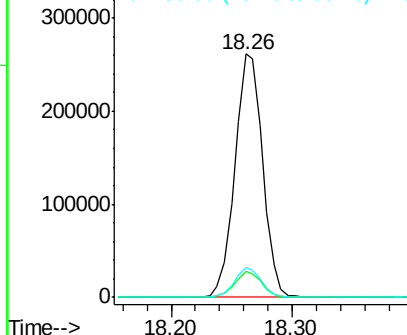
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2549
Delta R.T. -0.01 min
Lab File: BG032841.D
Acq: 27 Feb 2018 3:49

Instrument :
BNA_G
ClientSampleId :
B7

Tot Ion:188 Resp: 417522
Ion Ratio Lower Upper
188 100
94 10.6 6.9 10.3#
80 12.1 7.7 11.5#

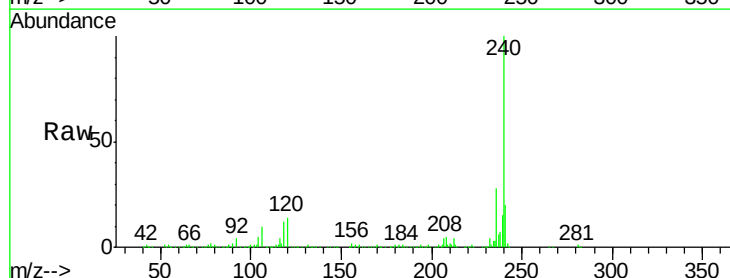


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

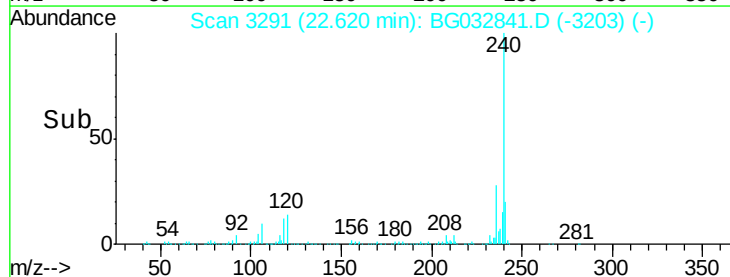
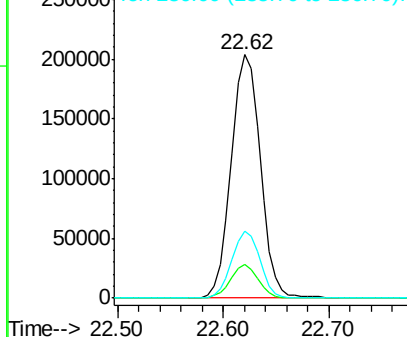


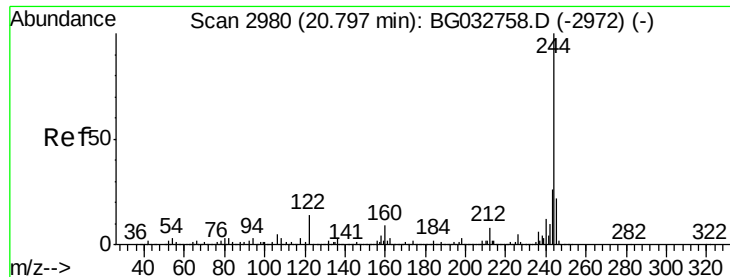
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.62 min Scan# 3291
Delta R.T. -0.01 min
Lab File: BG032841.D
Acq: 27 Feb 2018 3:49

Tgt Ion:240 Resp: 389416
Ion Ratio Lower Upper
240 100
120 13.8 6.8 10.2#
236 27.6 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.223 ng

RT: 20.78 min Scan# 2978

Delta R.T. -0.01 min

Lab File: BG032841.D

Acq: 27 Feb 2018 3:49

Instrument :

BNA_G

ClientSampled :

B7

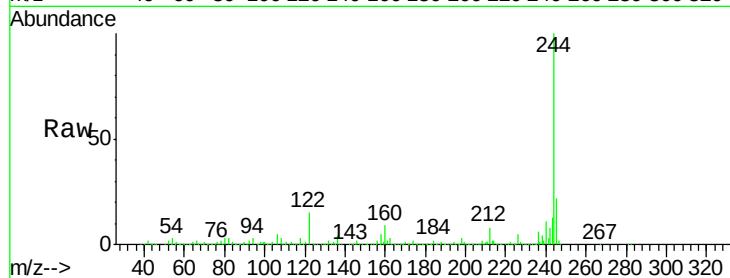
Tot Ion:244 Resp: 1598460

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

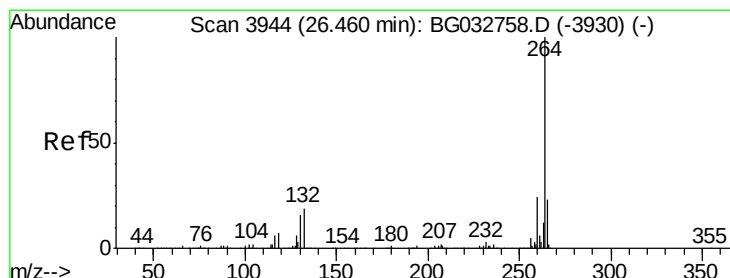
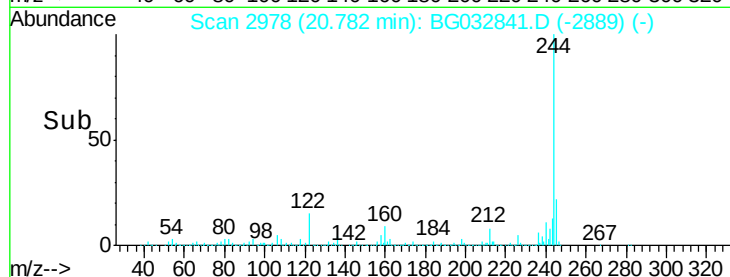
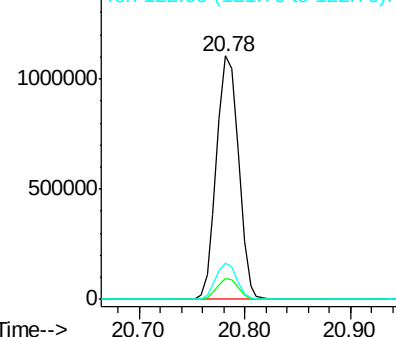
122 14.9 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.43 min Scan# 3940

Delta R.T. -0.01 min

Lab File: BG032841.D

Acq: 27 Feb 2018 3:49

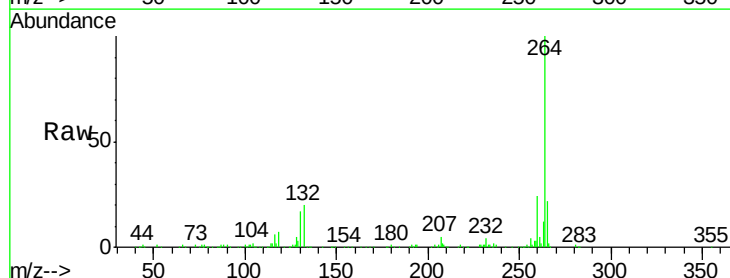
Tgt Ion:264 Resp: 406417

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 21.9 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

