

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028763.D
 Acq On : 15 Sep 2017 11:15
 Operator : SJ/JU
 Sample : I5225-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 091217-TIDO-F-D-M

Quant Time: Sep 15 11:53:53 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	31212	20.00	ng	0.00
21) Naphthalene-d8	11.14	136	124340	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	94667	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	267419	20.00	ng	0.00
75) Chrysene-d12	22.02	240	300388	20.00	ng	-0.01
86) Perylene-d12	25.52	264	302564	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	92066	48.67	ng	0.00
7) Phenol-d6	7.48	99	102829	36.11	ng	-0.01
23) Nitrobenzene-d5	9.50	82	183951	70.77	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	128063	81.79	ng	-0.01
44) 2-Fluorobiphenyl	13.56	172	518039	72.97	ng	0.00
78) Terphenyl-d14	20.28	244	1044634	74.16	ng	0.00

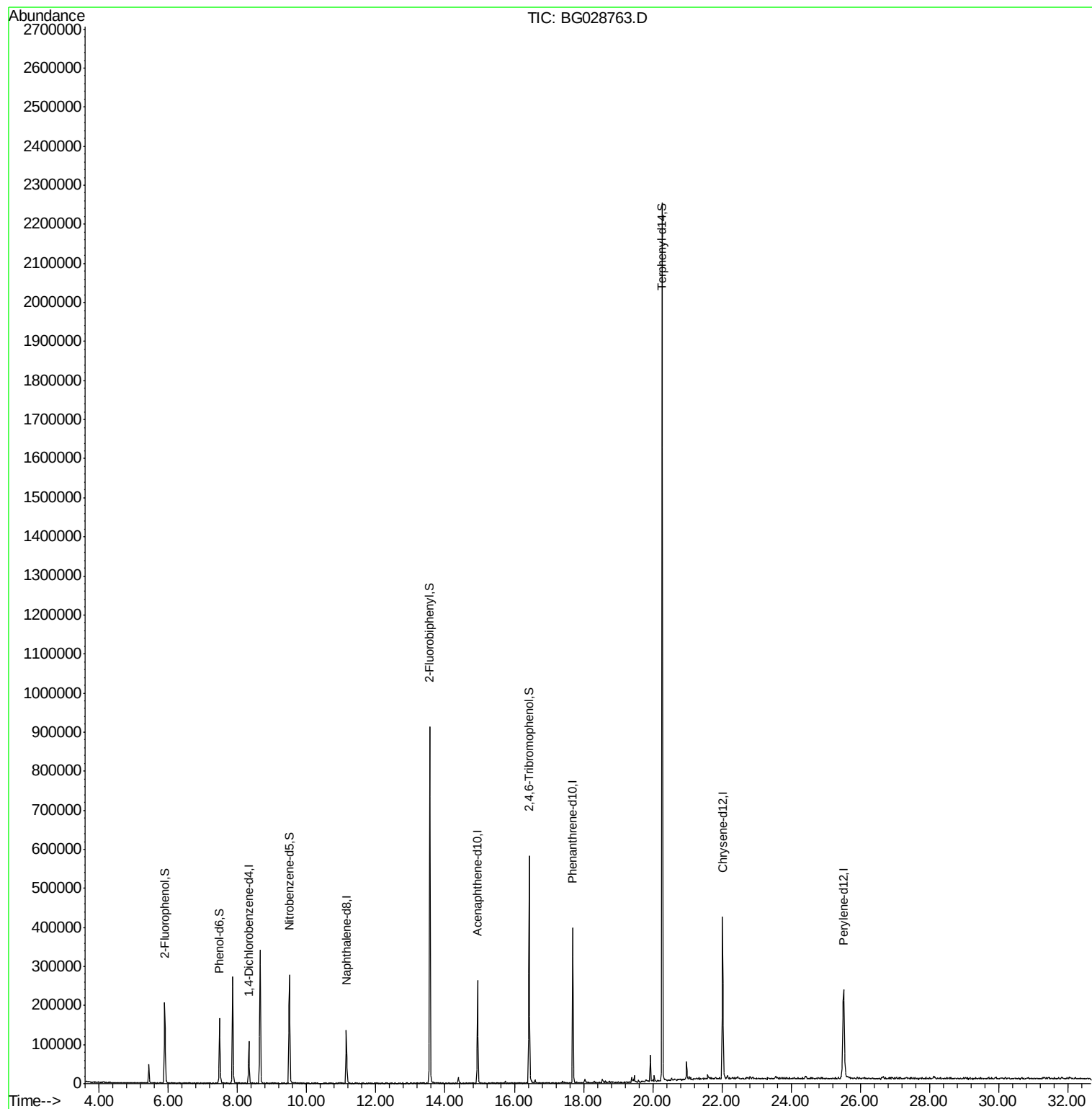
Target Compounds Qvalue

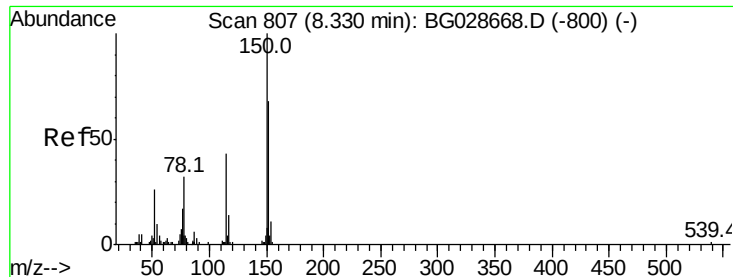
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
Data File : BG028763.D
Acq On : 15 Sep 2017 11:15
Operator : SJ/JU
Sample : I5225-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
091217-TIDO-F-D-M

Quant Time: Sep 15 11:53:53 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration



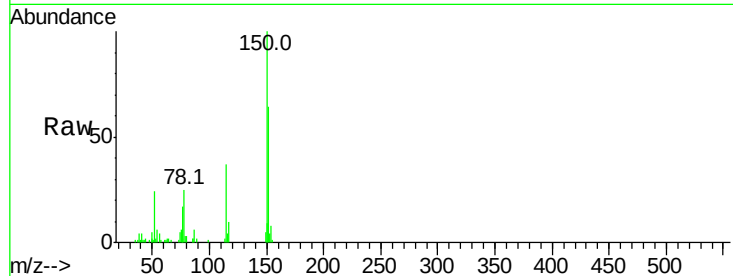


#1

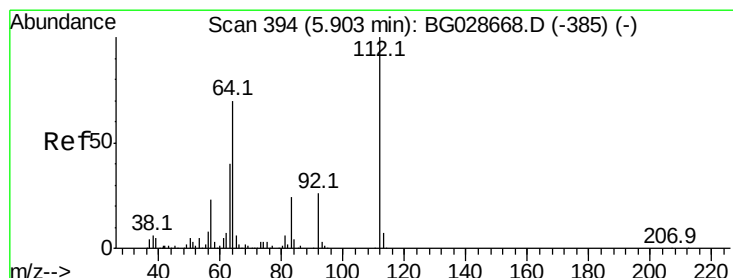
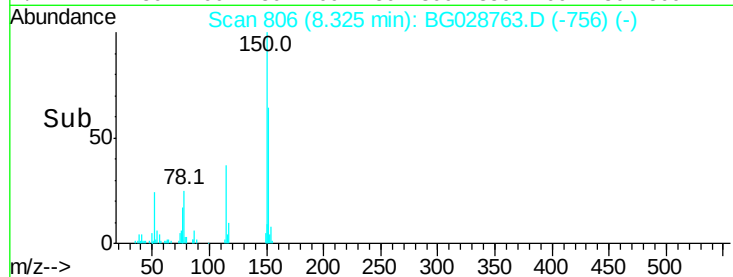
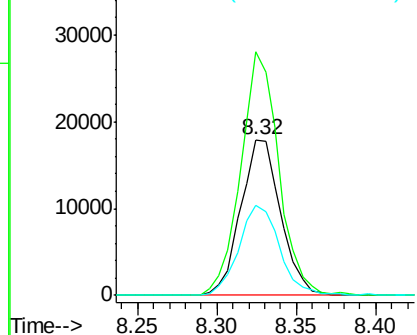
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.32 min Scan# 806
Delta R.T. -0.01 min
Lab File: BG028763.D
Acq: 15 Sep 2017 11:15

Instrument :
BNA_G
ClientSampleId :
091217-TIDO-F-D-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	114.0	171.0
115	58.3	48.1	72.1



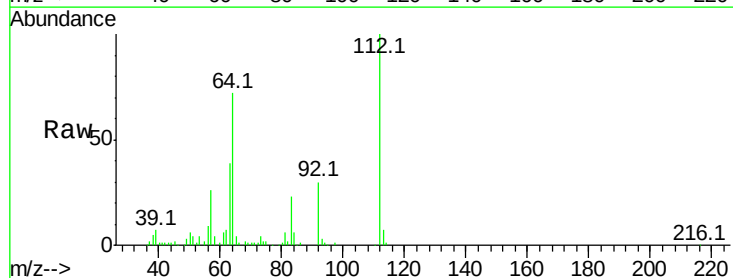
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



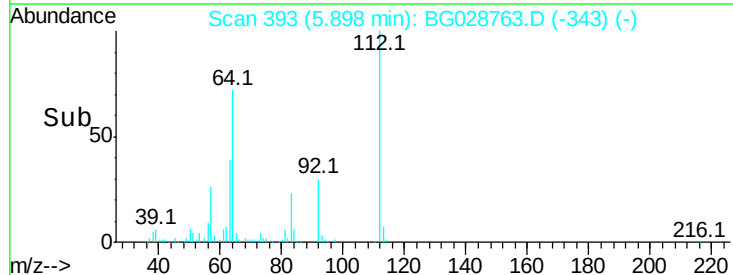
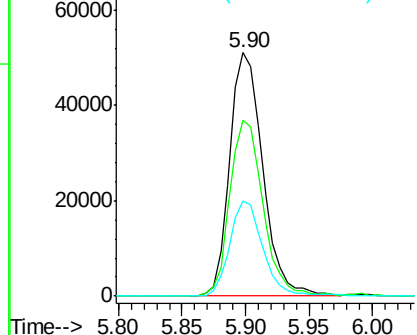
#5

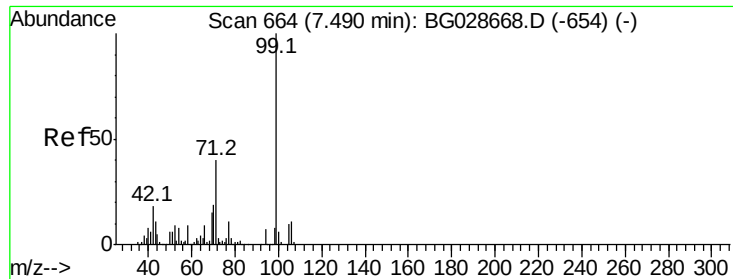
2-Fluorophenol
Concen: 48.671 ng
RT: 5.90 min Scan# 393
Delta R.T. -0.00 min
Lab File: BG028763.D
Acq: 15 Sep 2017 11:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.2	61.8	92.6
63	39.3	37.2	55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 36.106 ng

RT: 7.48 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG028763.D

Acq: 15 Sep 2017 11:15

Instrument :

BNA_G

ClientSampleId :

091217-TIDO-F-D-M

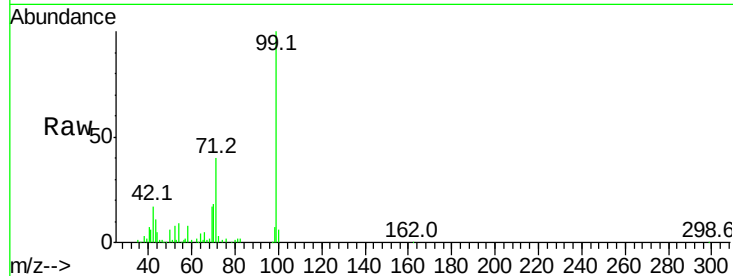
Tot Ion: 99 Resp: 102829

Ion Ratio Lower Upper

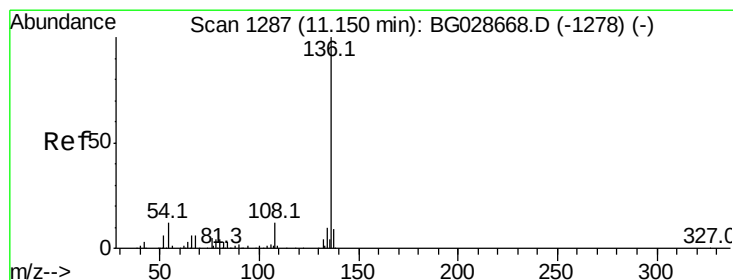
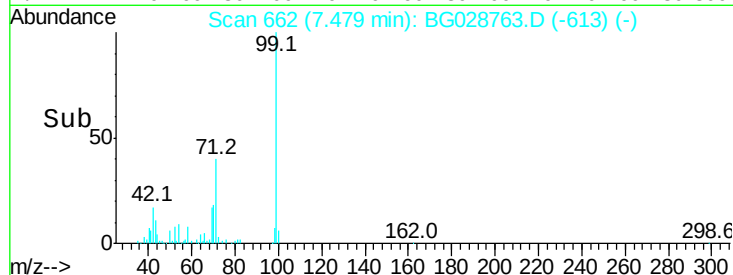
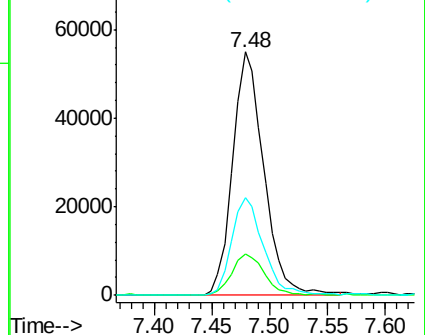
99 100

42 17.2 20.5 30.7#

71 40.3 37.6 56.4



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: 11.14 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG028763.D

Acq: 15 Sep 2017 11:15

Tgt Ion: 136 Resp: 124340

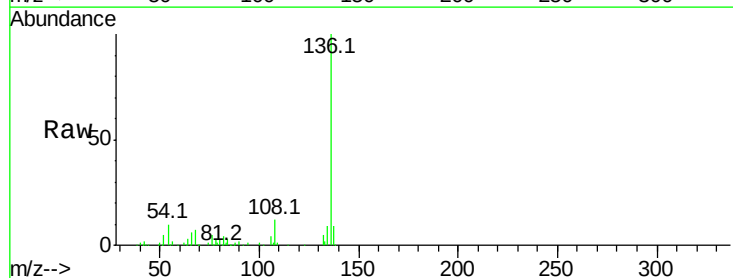
Ion Ratio Lower Upper

136 100

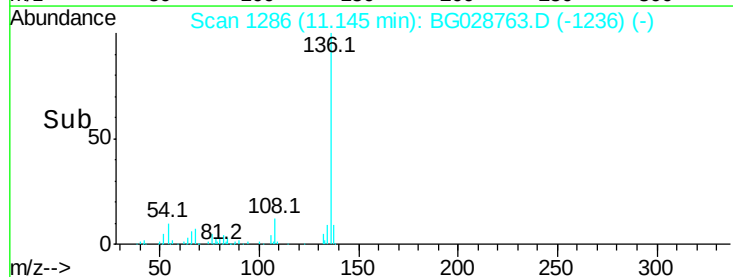
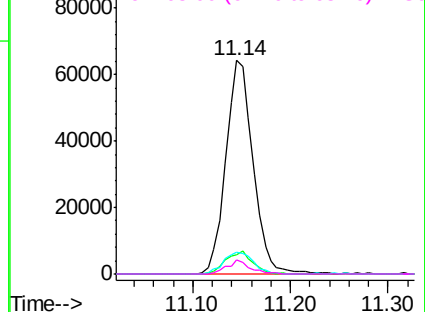
137 9.2 8.9 13.3

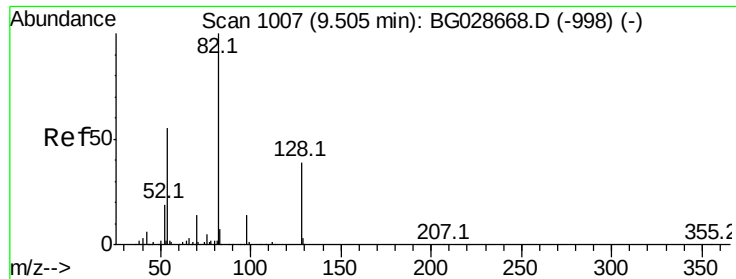
54 10.4 9.3 13.9

68 6.9 5.1 7.7



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

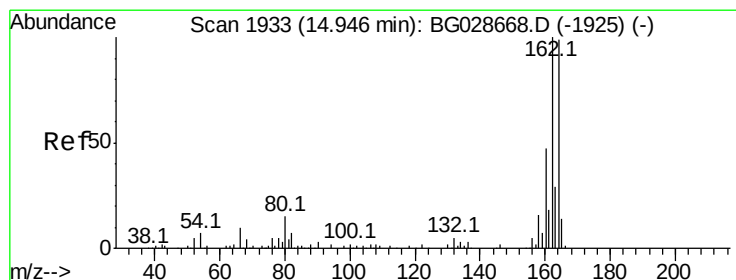
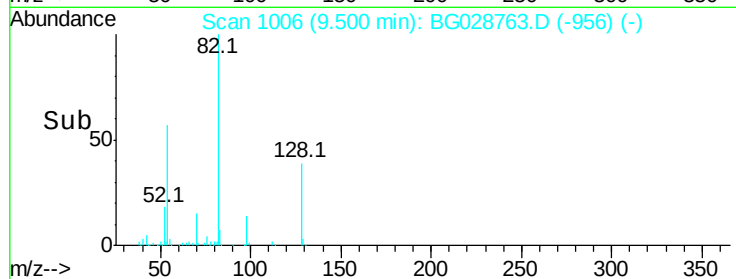
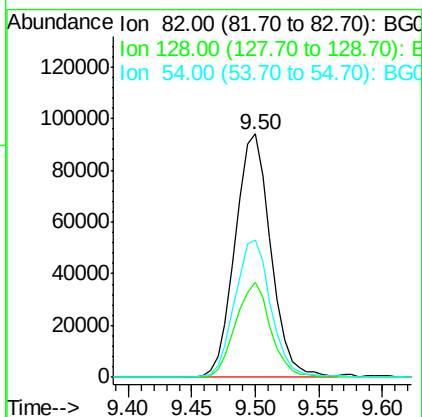
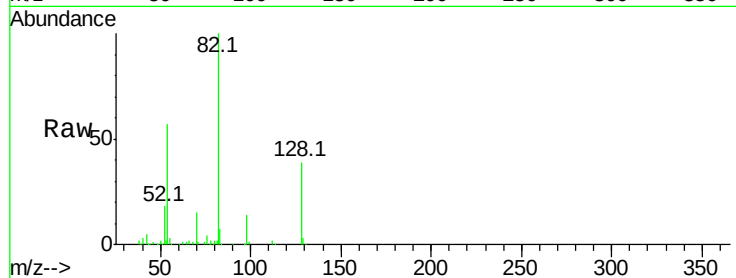




#23
 Nitrobenzene-d5
 Concen: 70.772 ng
 RT: 9.50 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG028763.D
 Acq: 15 Sep 2017 11:15

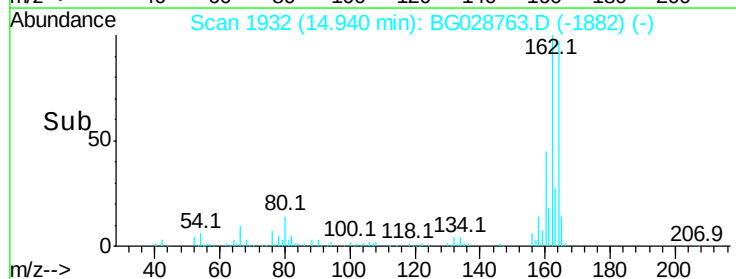
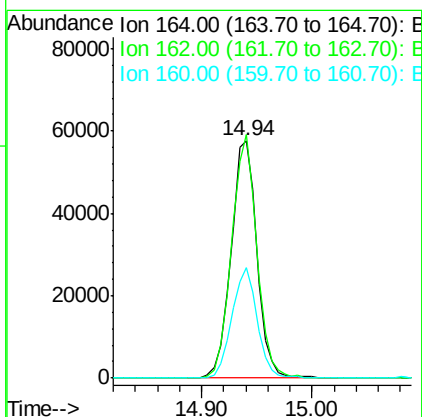
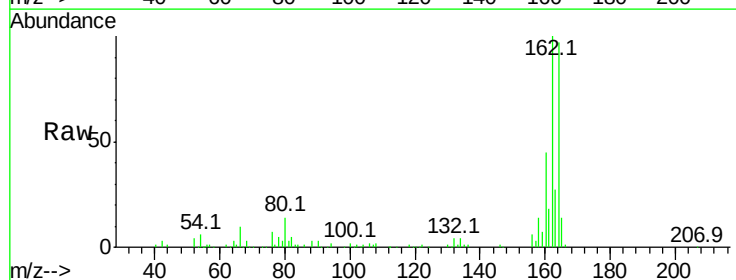
Instrument :
 BNA_G
 ClientSampleId :
 091217-TIDO-F-D-M

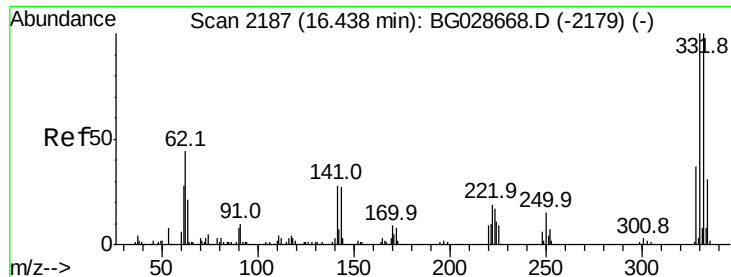
Tot Ion	82	Resp	183951
Ion	Ratio	Lower	Upper
82	100		
128	38.9	26.4	39.6
54	56.6	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.94 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG028763.D
 Acq: 15 Sep 2017 11:15

Tgt Ion	164	Resp	94667
Ion	Ratio	Lower	Upper
164	100		
162	102.6	85.1	127.7
160	46.5	34.7	52.1

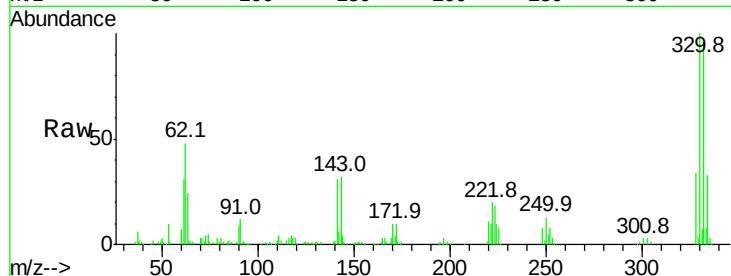




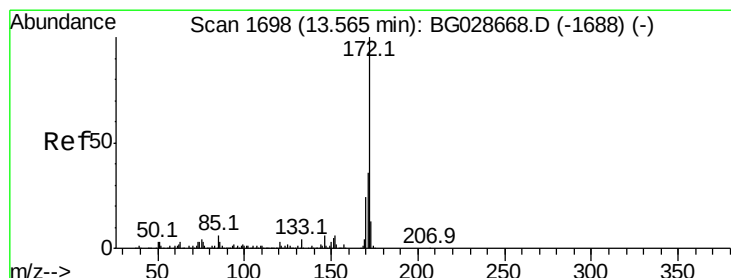
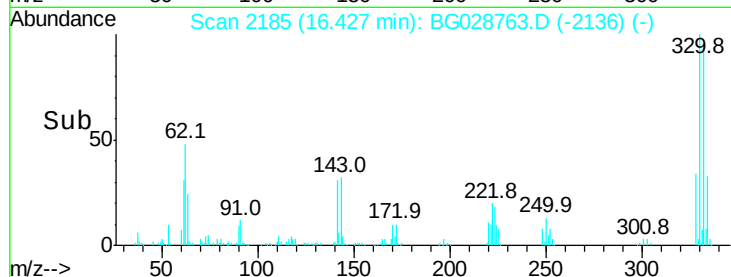
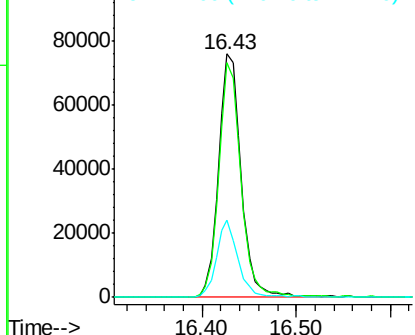
#41
 2,4,6-Tribromophenol
 Concen: 81.791 ng
 RT: 16.43 min Scan# 2185
 Delta R.T. -0.01 min
 Lab File: BG028763.D
 Acq: 15 Sep 2017 11:15

Instrument :
 BNA_G
 ClientSampleId :
 091217-TIDO-F-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.3	115.9
141	30.1	32.1	48.1#

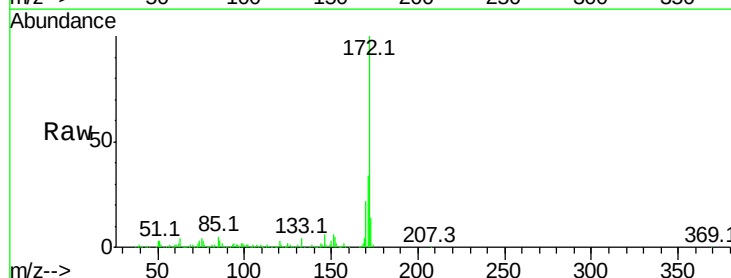


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

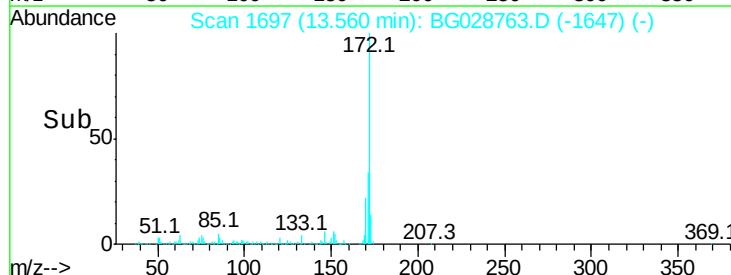
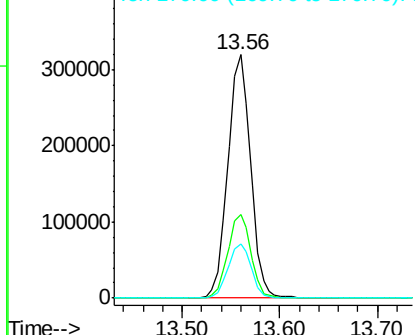


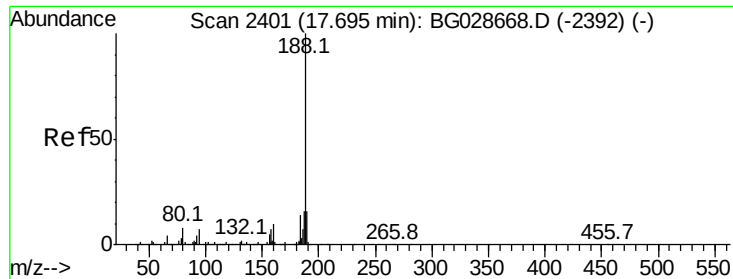
#44
 2-Fluorobiphenyl
 Concen: 72.968 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG028763.D
 Acq: 15 Sep 2017 11:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	32.2	48.2
170	22.2	21.8	32.6



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

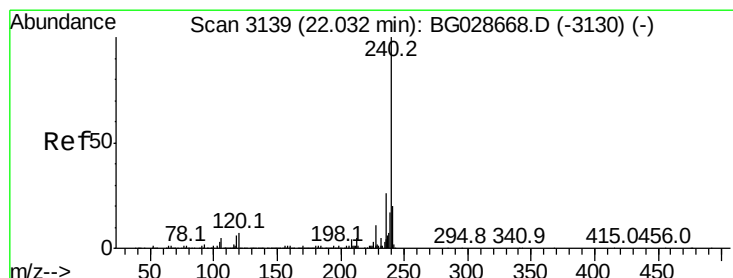
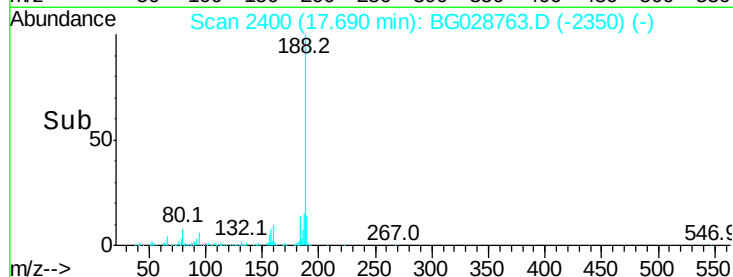
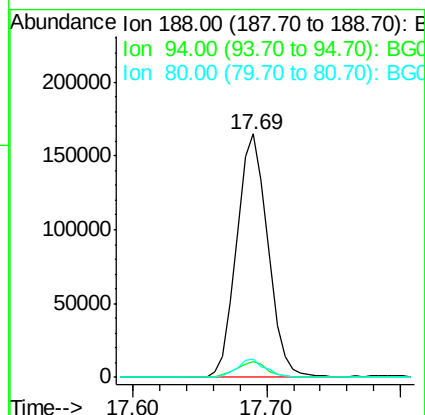
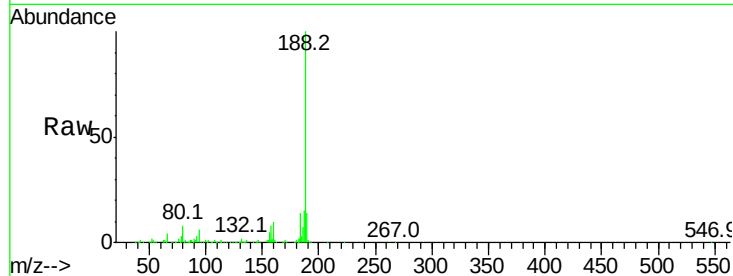




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.69 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BG028763.D
Acq: 15 Sep 2017 11:15

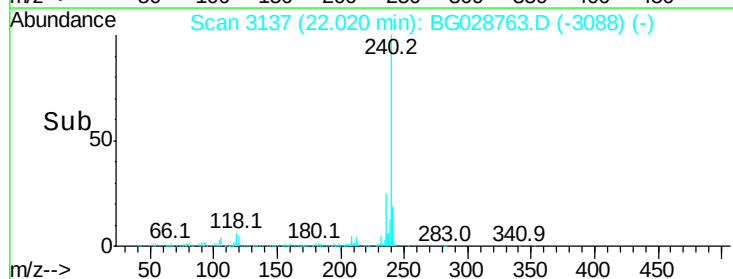
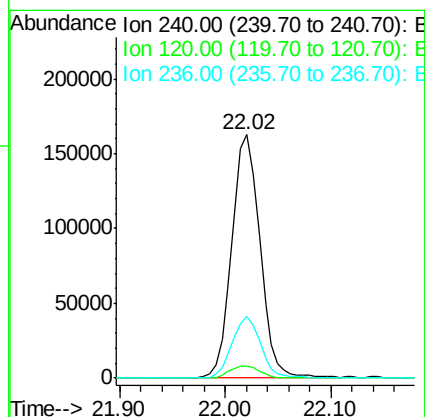
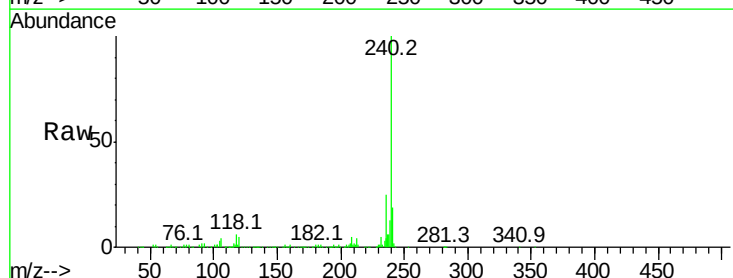
Instrument :
BNA_G
ClientSampleId :
091217-TIDO-F-D-M

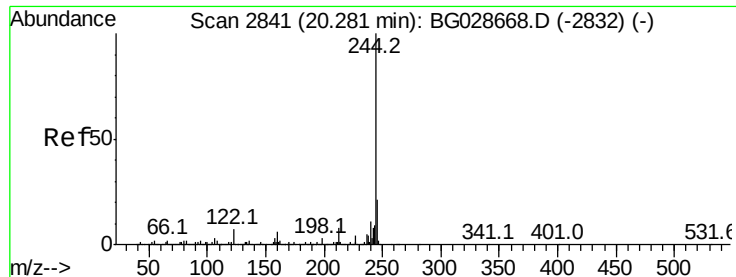
Tot Ion:188 Resp: 267419
Ion Ratio Lower Upper
188 100
94 6.2 5.8 8.8
80 7.6 7.5 11.3



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.02 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG028763.D
Acq: 15 Sep 2017 11:15

Tgt Ion:240 Resp: 300388
Ion Ratio Lower Upper
240 100
120 5.1 5.7 8.5#
236 25.4 22.2 33.4





#78

Terphenyl-d14

Concen: 74.162 ng

RT: 20.28 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG028763.D

Acq: 15 Sep 2017 11:15

Instrument :

BNA_G

ClientSampleId :

091217-TIDO-F-D-M

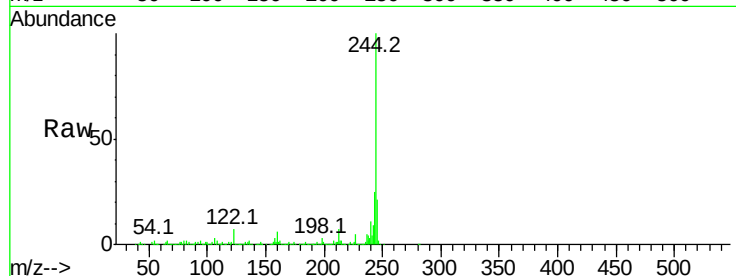
Tot Ion:244 Resp: 1044634

Ion Ratio Lower Upper

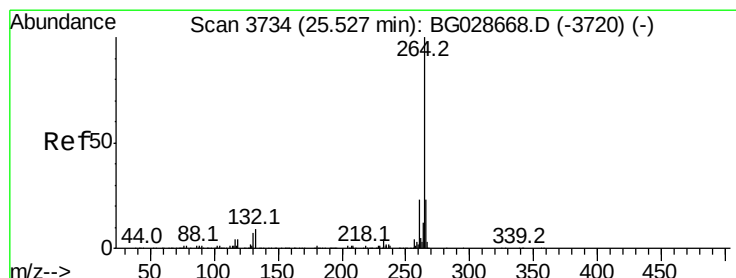
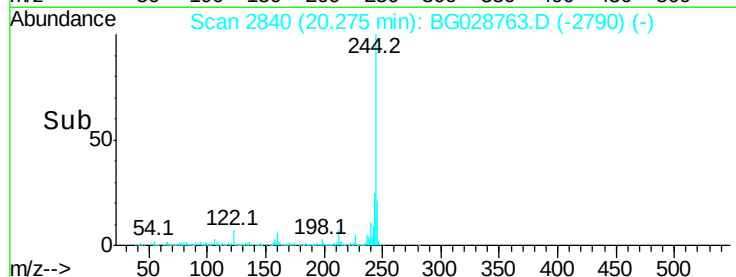
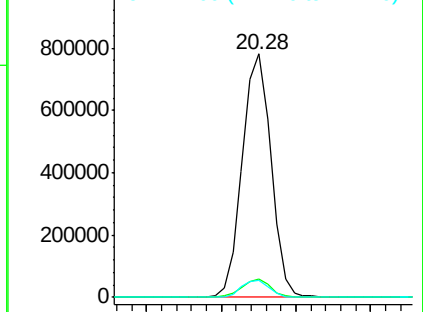
244 100

212 7.3 10.0 15.0#

122 6.8 8.6 12.8#



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: 25.52 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG028763.D

Acq: 15 Sep 2017 11:15

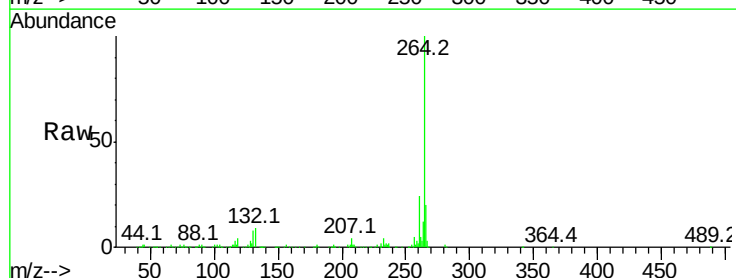
Tgt Ion:264 Resp: 302564

Ion Ratio Lower Upper

264 100

260 23.6 21.8 32.8

265 20.1 18.2 27.4



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

