

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028758.D
 Acq On : 15 Sep 2017 7:57
 Operator : SJ/JU
 Sample : I5224-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 091117-TIDO-F-U-M

Quant Time: Sep 15 11:31:29 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

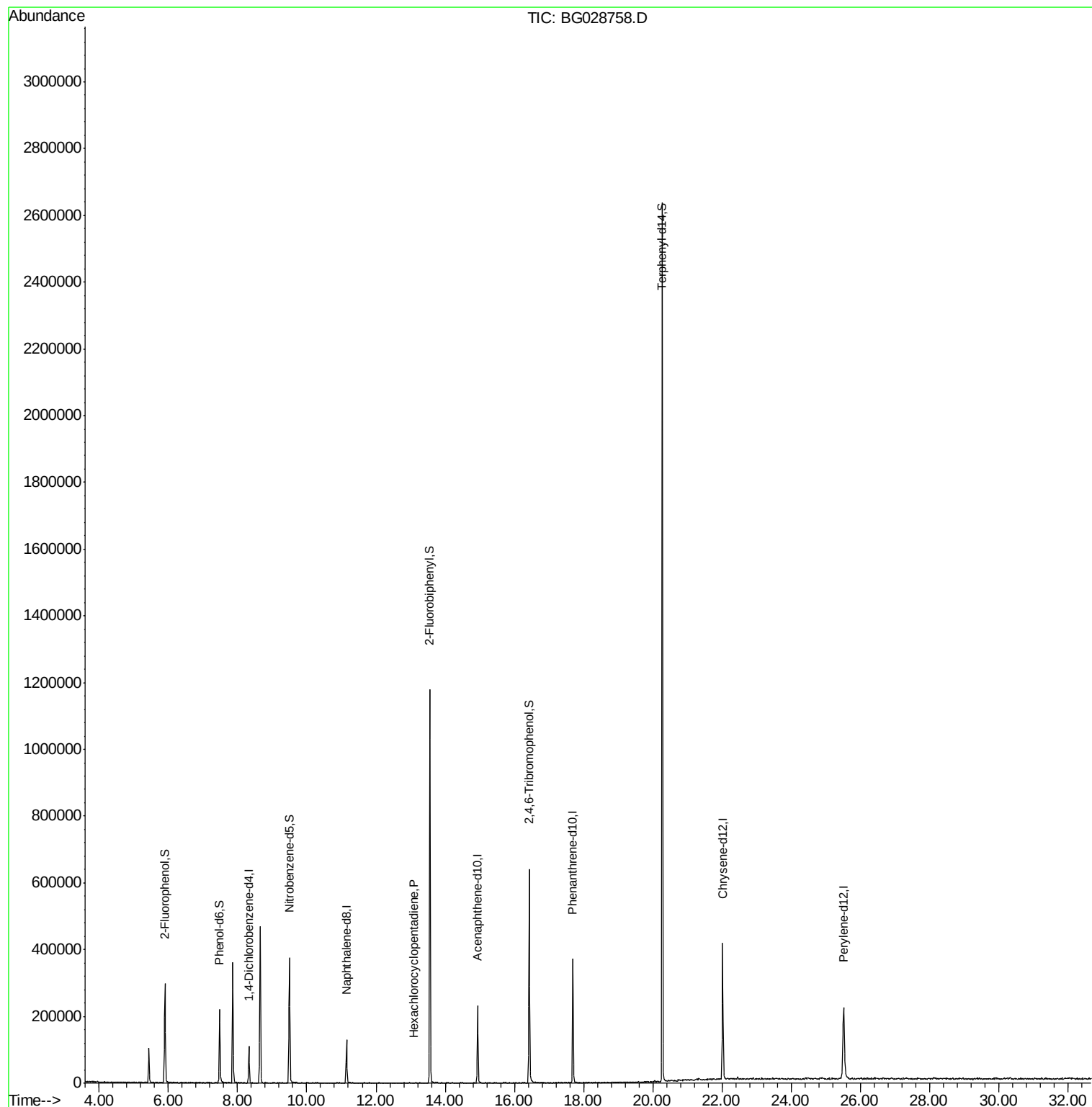
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	31392	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	119680	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	89486	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	254230	20.00	ng	0.00
75) Chrysene-d12	22.02	240	296075	20.00	ng	-0.01
86) Perylene-d12	25.51	264	302682	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	130891	68.80	ng	0.00
7) Phenol-d6	7.48	99	135965	47.47	ng	0.00
23) Nitrobenzene-d5	9.50	82	240495	96.13	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	151223	102.17	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	655756	97.71	ng	0.00
78) Terphenyl-d14	20.27	244	1249625	90.01	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	13.09	237	82	7.655	ng	Qvalue # 29

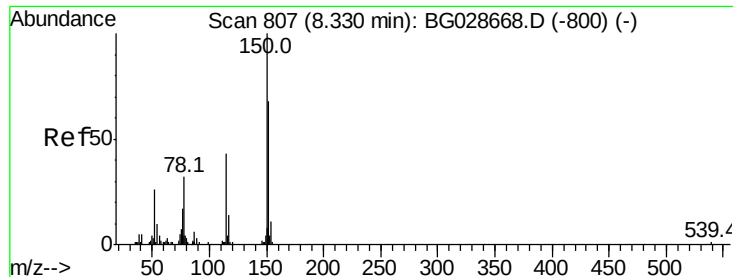
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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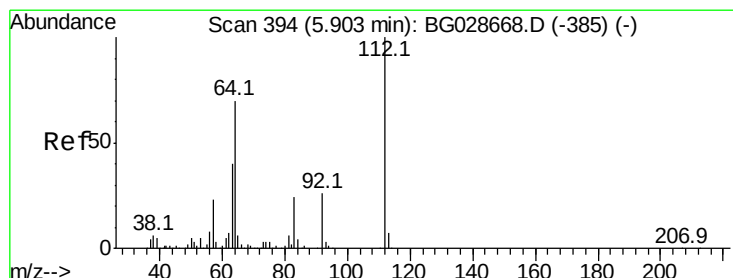
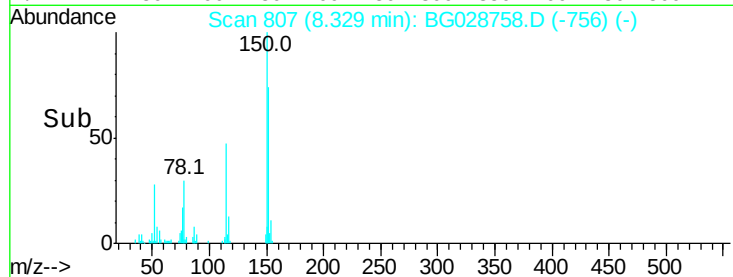
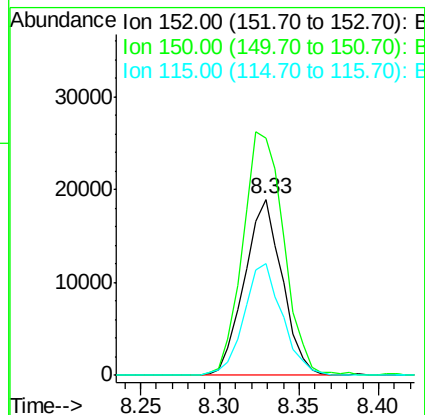
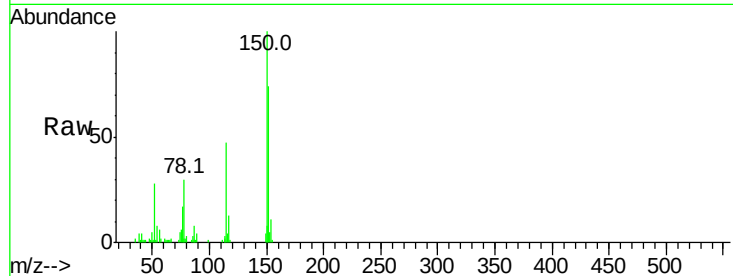


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG028758.D
Acq: 15 Sep 2017 7:57

Instrument :
BNA_G
ClientSampleId :
091117-TIDO-F-U-M

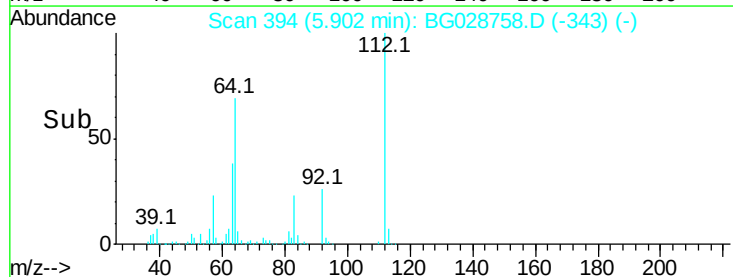
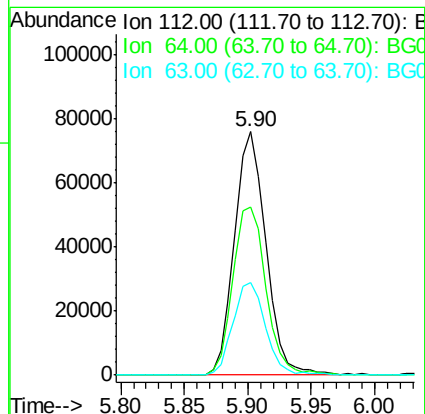
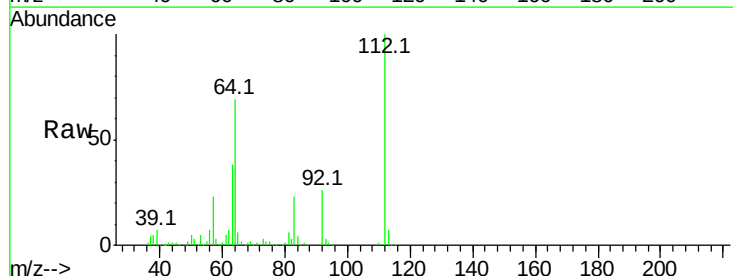
Tot Ion	Ratio	Lower	Upper
152	100		
150	135.0	114.0	171.0
115	63.5	48.1	72.1

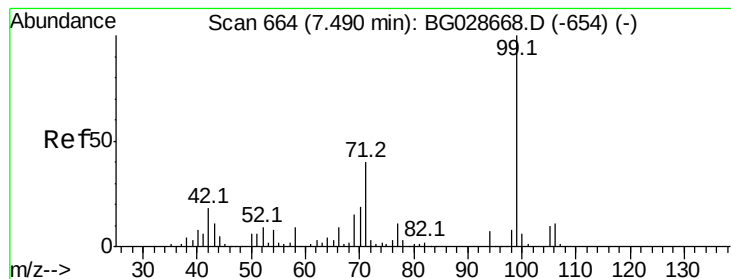


#5

2-Fluorophenol
Concen: 68.800 ng
RT: 5.90 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG028758.D
Acq: 15 Sep 2017 7:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.2	61.8	92.6
63	38.0	37.2	55.8





#7

Phenol-d6

Concen: 47.467 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028758.D

Acq: 15 Sep 2017 7:57

Instrument :

BNA_G

ClientSampleId :

091117-TIDO-F-U-M

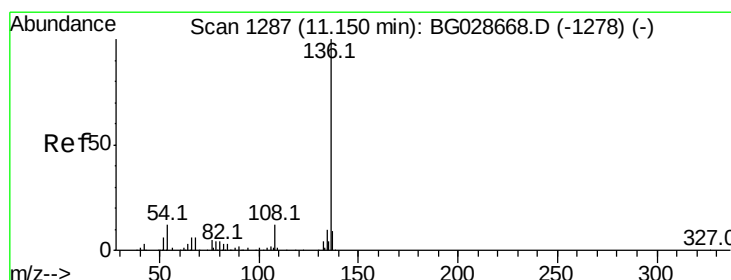
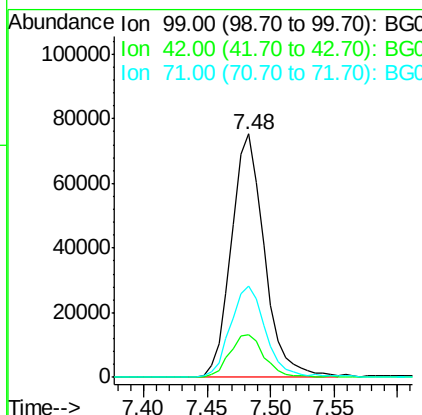
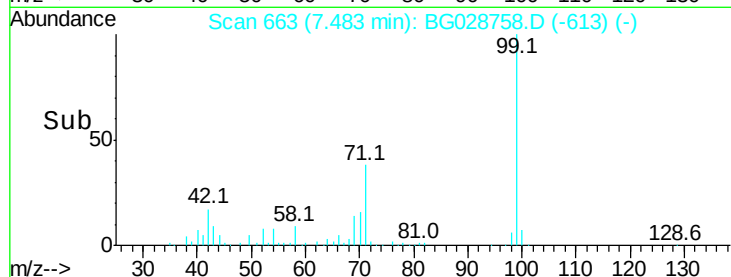
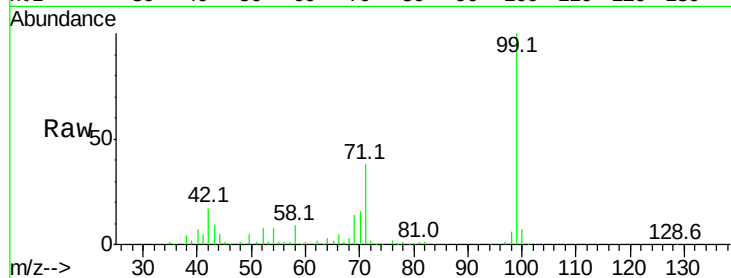
Tot Ion: 99 Resp: 135965

Ion Ratio Lower Upper

99 100

42 17.4 20.5 30.7#

71 37.7 37.6 56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.15 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BG028758.D

Acq: 15 Sep 2017 7:57

Tgt Ion: 136 Resp: 119680

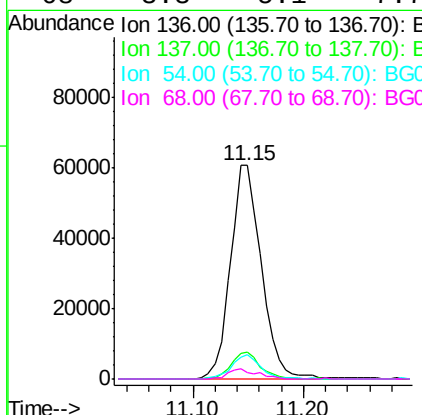
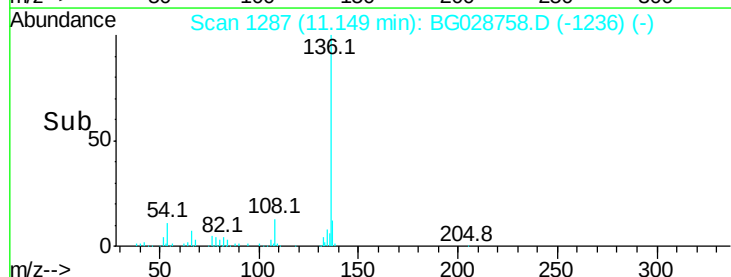
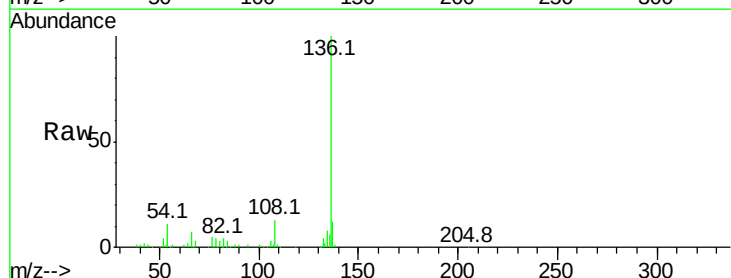
Ion Ratio Lower Upper

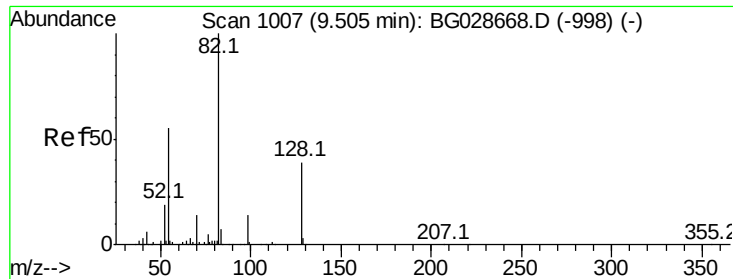
136 100

137 12.3 8.9 13.3

54 11.3 9.3 13.9

68 3.3 5.1 7.7#

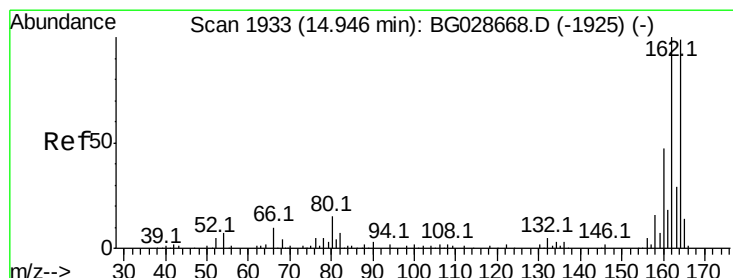
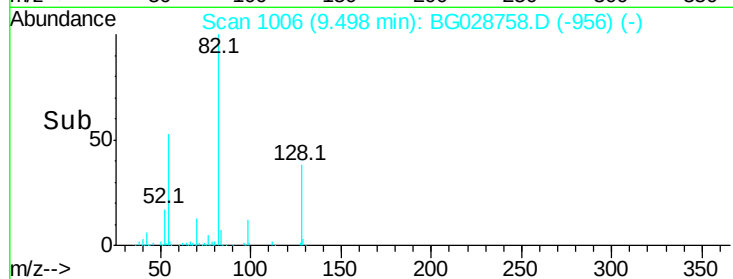
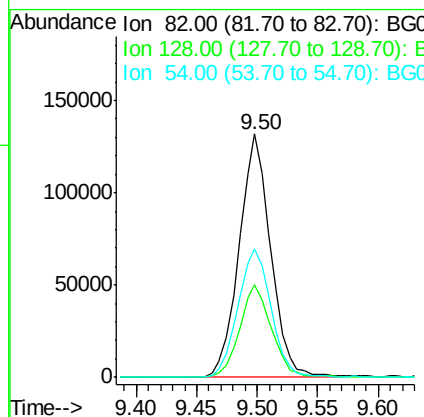
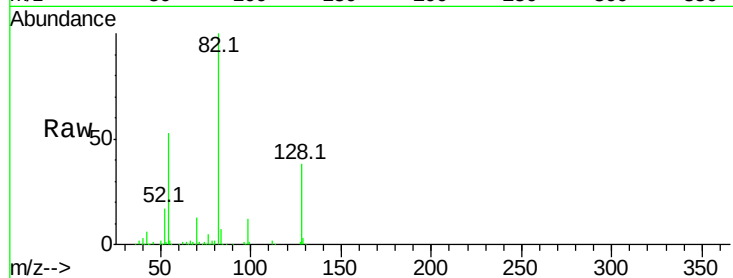




#23
Nitrobenzene-d5
Concen: 96.128 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG028758.D
Acq: 15 Sep 2017 7:57

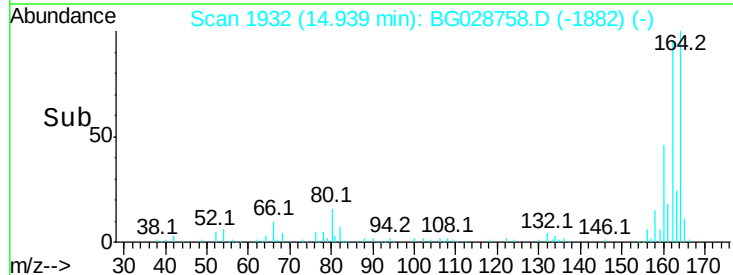
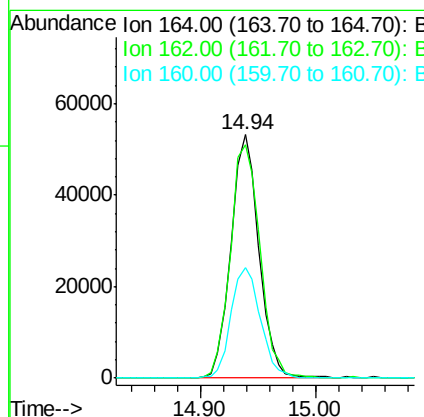
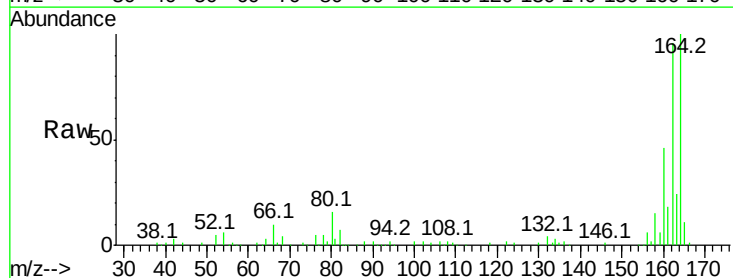
Instrument :
BNA_G
ClientSampleId :
091117-TIDO-F-U-M

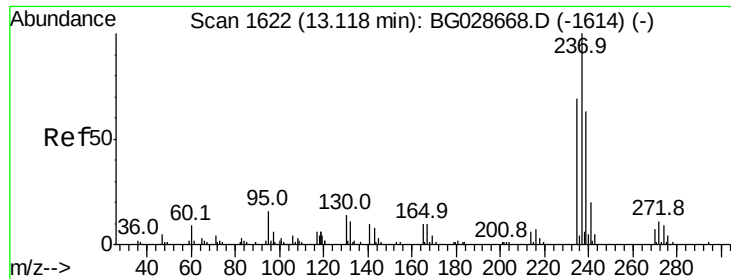
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.9	26.4	39.6
54	52.8	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG028758.D
Acq: 15 Sep 2017 7:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.0	85.1	127.7
160	45.6	34.7	52.1





#40

Hexachlorocyclopentadiene

Concen: 7.655 ng

RT: 13.09 min Scan# 1617

Delta R.T. -0.03 min

Lab File: BG028758.D

Acq: 15 Sep 2017 7:57

Instrument :

BNA_G

ClientSampleId :

091117-TIDO-F-U-M

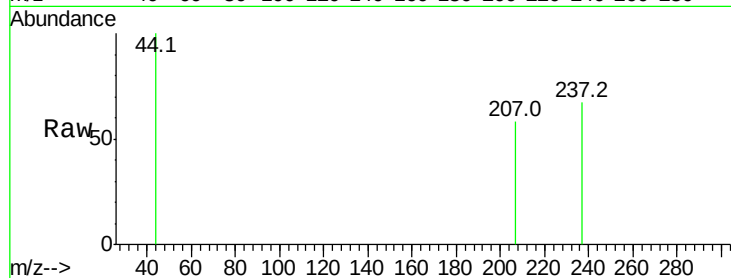
Tot Ion:237 Resp: 82

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

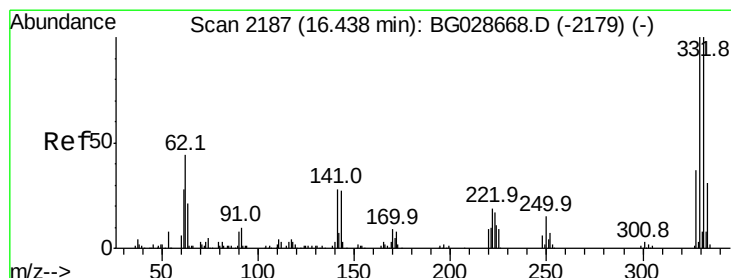
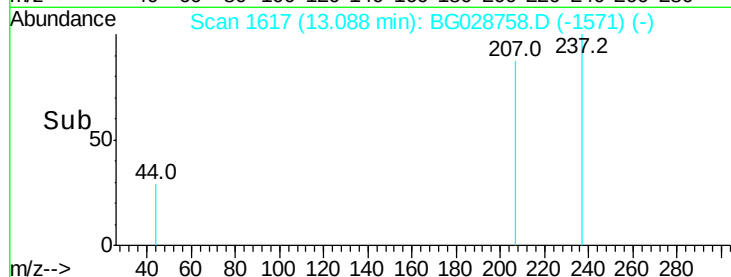
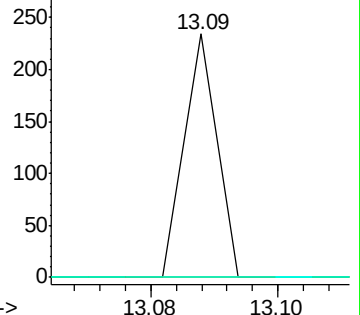
272 0.0 0.0 32.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 102.175 ng

RT: 16.43 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BG028758.D

Acq: 15 Sep 2017 7:57

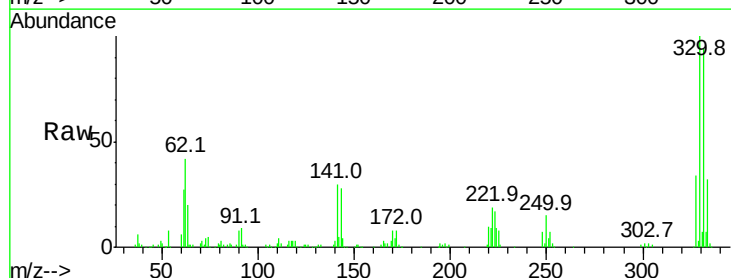
Tgt Ion:330 Resp: 151223

Ion Ratio Lower Upper

330 100

332 94.0 77.3 115.9

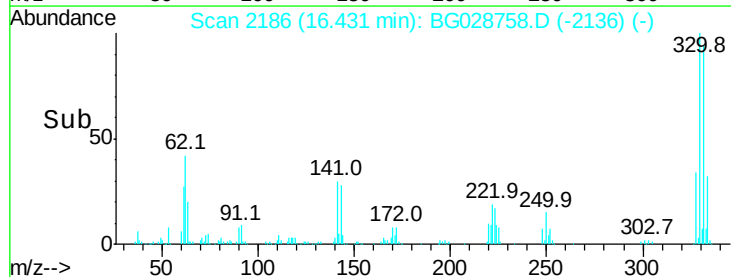
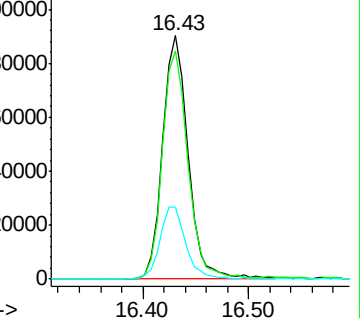
141 30.0 32.1 48.1#

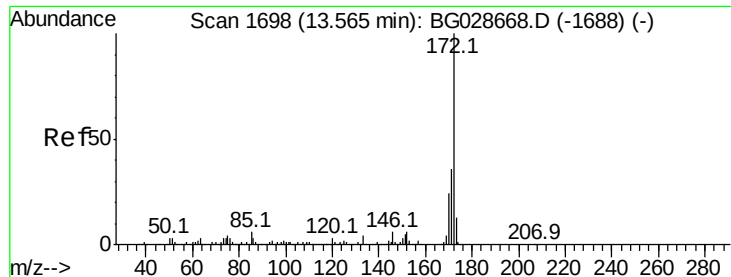


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

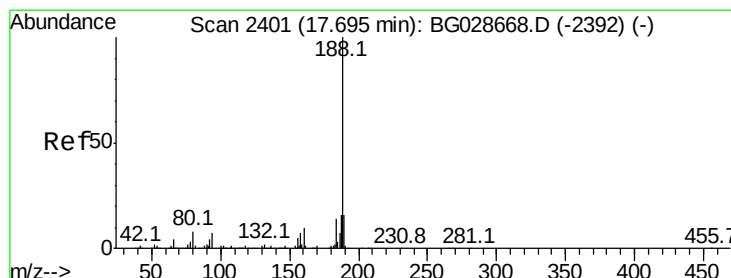
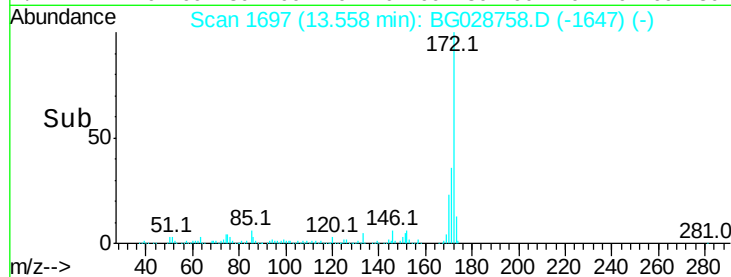
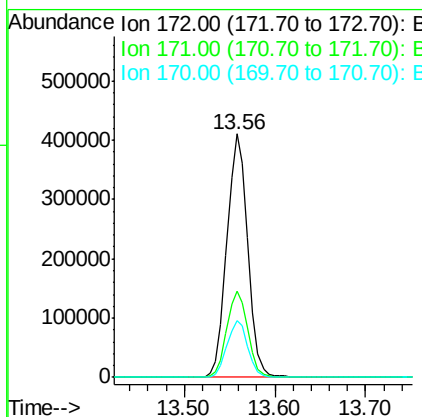
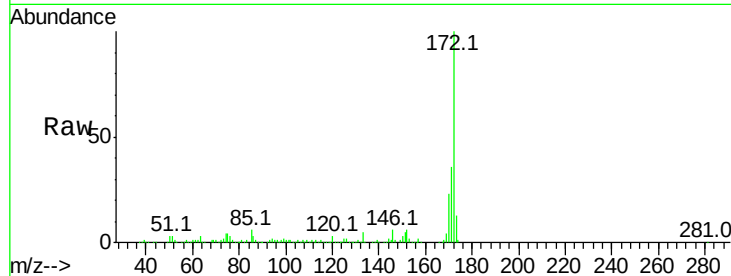




#44
2-Fluorobiphenyl
Concen: 97.714 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG028758.D
Acq: 15 Sep 2017 7:57

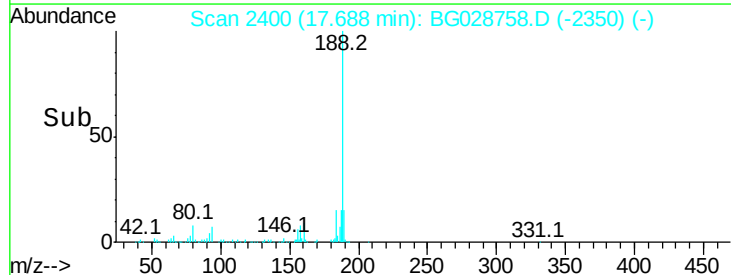
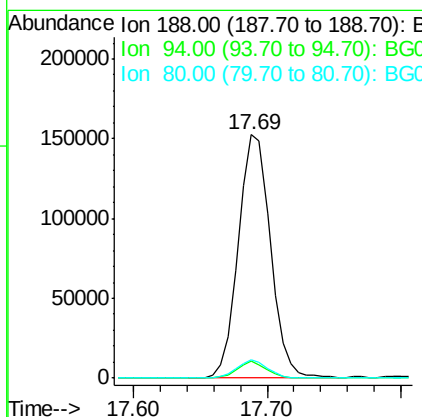
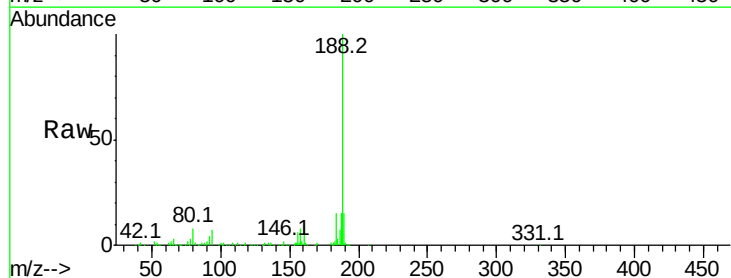
Instrument :
BNA_G
ClientSampleId :
091117-TIDO-F-U-M

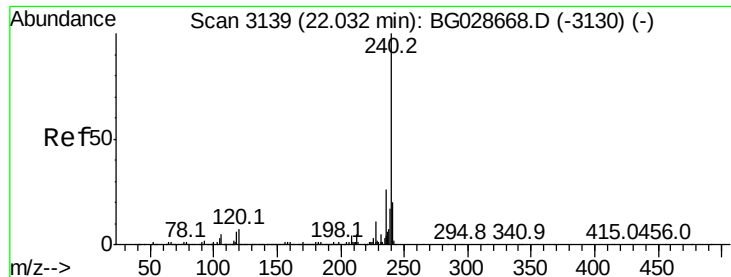
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	32.2	48.2
170	23.3	21.8	32.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.69 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BG028758.D
Acq: 15 Sep 2017 7:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	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: BG028758.D

Acq: 15 Sep 2017 7:57

Instrument :

BNA_G

ClientSampleId :

091117-TIDO-F-U-M

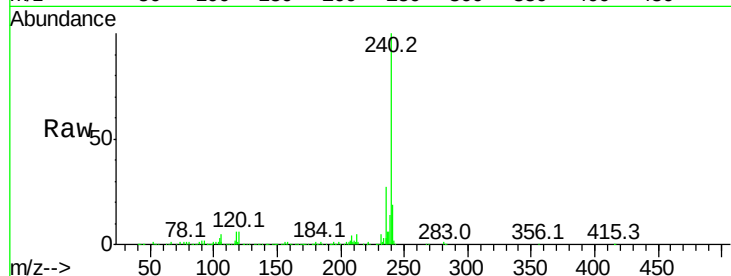
Tot Ion:240 Resp: 296075

Ion Ratio Lower Upper

240 100

120 6.3 5.7 8.5

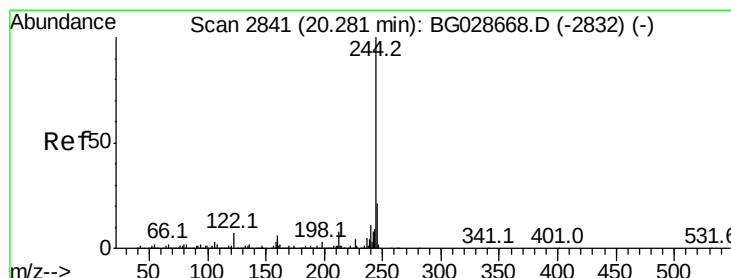
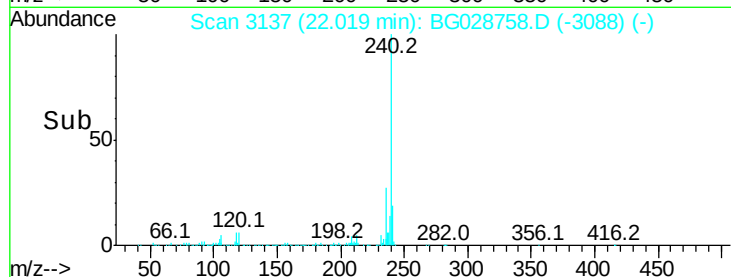
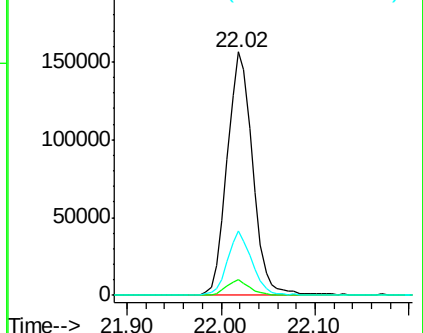
236 26.6 22.2 33.4



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: 90.008 ng

RT: 20.27 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG028758.D

Acq: 15 Sep 2017 7:57

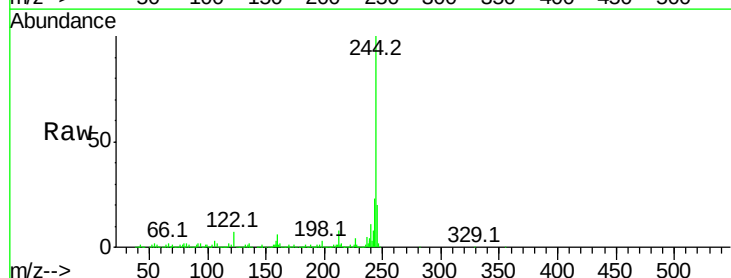
Tgt Ion:244 Resp: 1249625

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

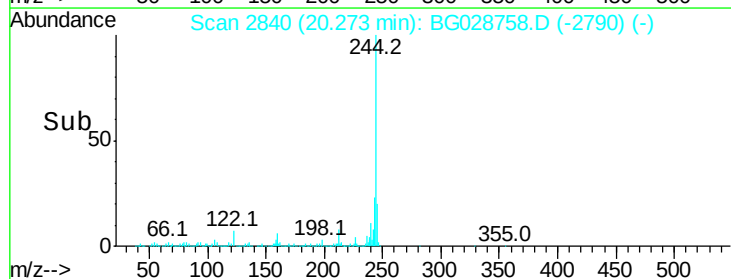
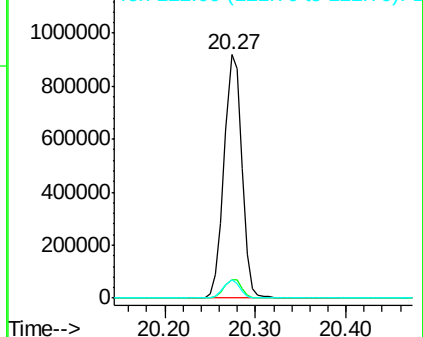
122 7.3 8.6 12.8#

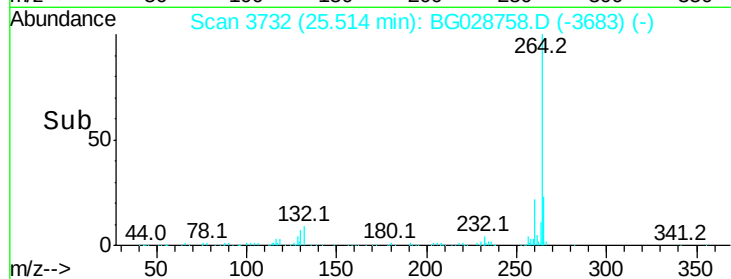
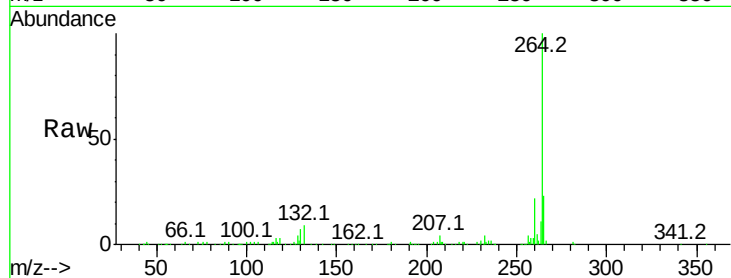
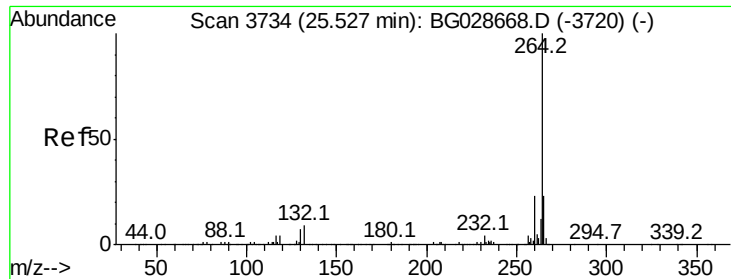


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 25.51 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG028758.D

Acq: 15 Sep 2017 7:57

Instrument :

BNA_G

ClientSampleId :

091117-TIDO-F-U-M

Tot Ion: 264 Resp: 302682

Ion Ratio Lower Upper

264 100

260 22.4 21.8 32.8

265 22.6 18.2 27.4

