

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
 Data File : BG028855.D
 Acq On : 21 Sep 2017 13:03
 Operator : SJ/JU
 Sample : I5311-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 21 14:45:31 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 21 12:57:55 2017
 Response via : Initial Calibration

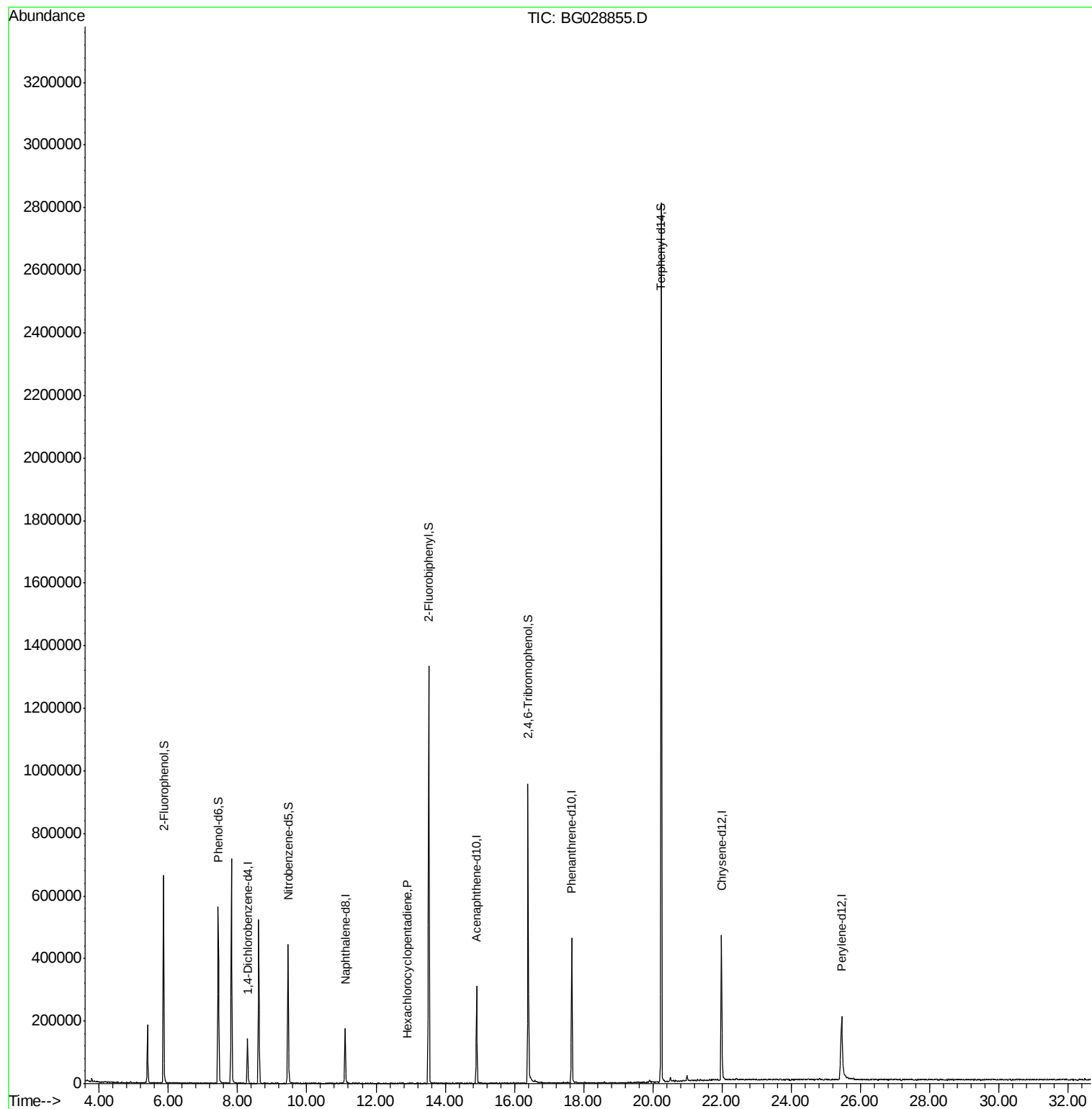
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	40219	20.00	ng	0.00
21) Naphthalene-d8	11.11	136	160146	20.00	ng	0.00
38) Acenaphthene-d10	14.91	164	114860	20.00	ng	0.00
63) Phenanthrene-d10	17.66	188	303767	20.00	ng	0.00
75) Chrysene-d12	21.98	240	335840	20.00	ng	0.00
86) Perylene-d12	25.46	264	327390	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	288025	118.17	ng	0.00
7) Phenol-d6	7.44	99	337577	91.99	ng	0.00
23) Nitrobenzene-d5	9.46	82	292453	87.36	ng	0.00
41) 2,4,6-Tribromophenol	16.40	330	222047	116.88	ng	0.00
44) 2-Fluorobiphenyl	13.53	172	744212	86.40	ng	0.00
78) Terphenyl-d14	20.24	244	1371612	87.10	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	12.92	237	64	7.635	ng	Qvalue # 29

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
Data File : BG028855.D
Acq On : 21 Sep 2017 13:03
Operator : SJ/JU
Sample : I5311-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 21 14:45:31 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 21 12:57:55 2017
Response via : Initial Calibration



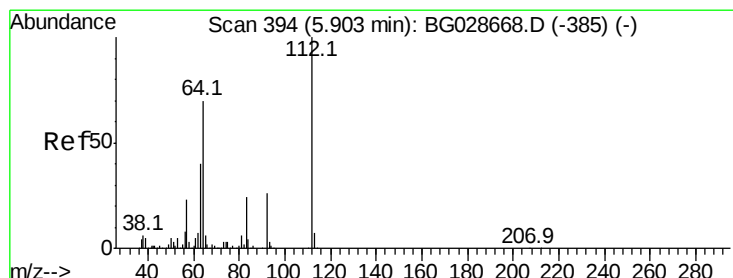
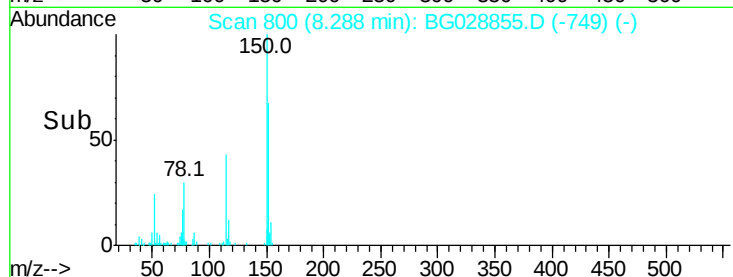
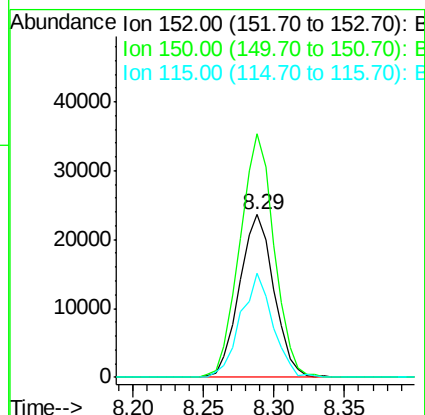
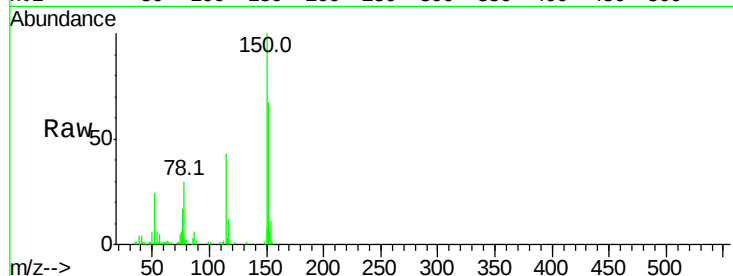


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.00 min
Lab File: BG028855.D
Acq: 21 Sep 2017 13:03

Instrument :
BNA_G
ClientSampleId :

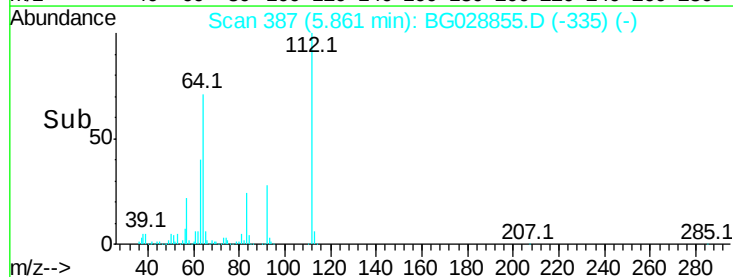
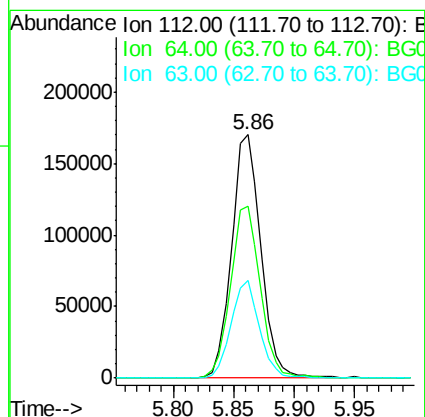
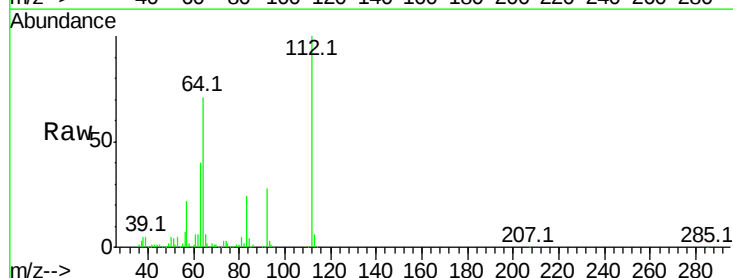
Tot Ion:152 Resp: 40219
Ion Ratio Lower Upper
152 100
150 149.7 114.0 171.0
115 64.2 48.1 72.1

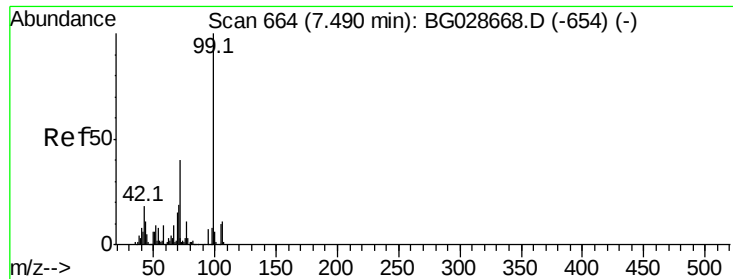


#5

2-Fluorophenol
Concen: 118.167 ng
RT: 5.86 min Scan# 387
Delta R.T. 0.01 min
Lab File: BG028855.D
Acq: 21 Sep 2017 13:03

Tgt Ion:112 Resp: 288025
Ion Ratio Lower Upper
112 100
64 70.7 61.8 92.6
63 40.3 37.2 55.8





#7

Phenol-d6

Concen: 91.986 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.00 min

Lab File: BG028855.D

Acq: 21 Sep 2017 13:03

Instrument :

BNA_G

ClientSampleId :

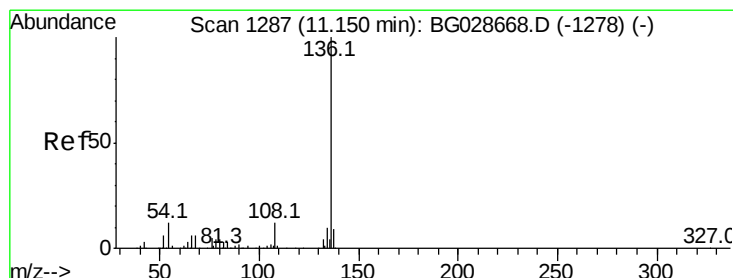
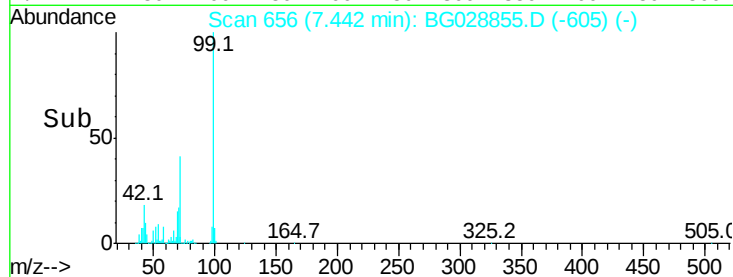
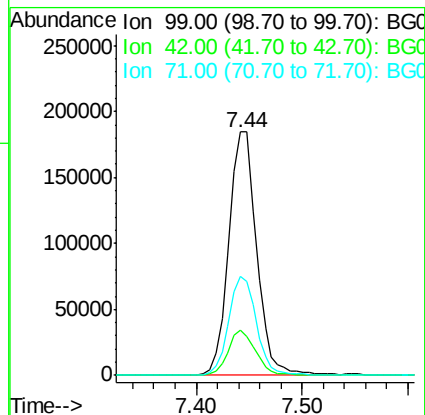
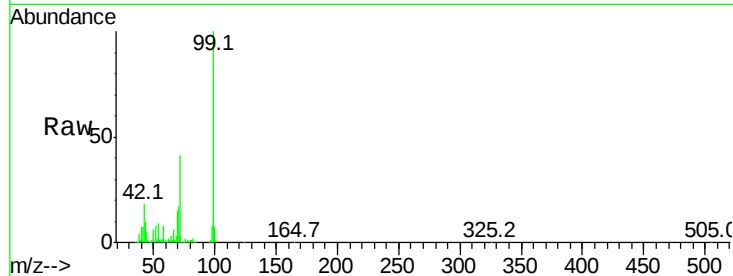
Tot Ion: 99 Resp: 337577

Ion Ratio Lower Upper

99 100

42 18.3 20.5 30.7#

71 40.6 37.6 56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.11 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BG028855.D

Acq: 21 Sep 2017 13:03

Tgt Ion: 136 Resp: 160146

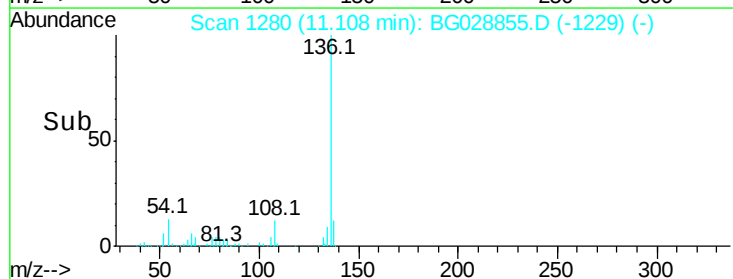
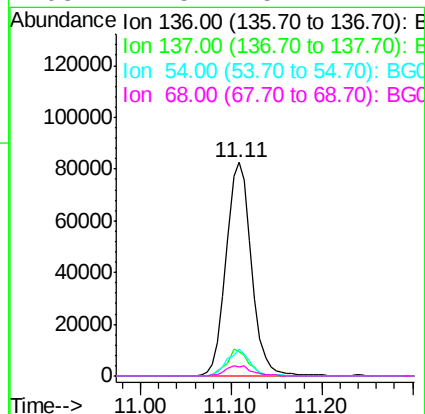
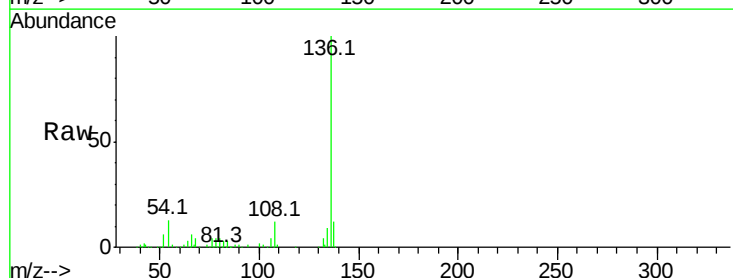
Ion Ratio Lower Upper

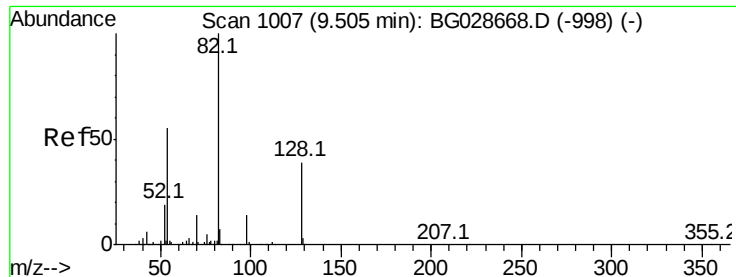
136 100

137 11.7 8.9 13.3

54 12.7 9.3 13.9

68 4.5 5.1 7.7#

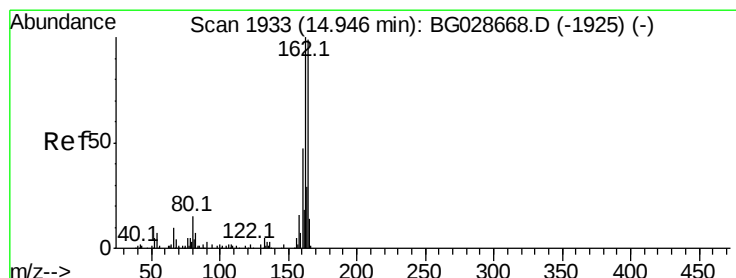
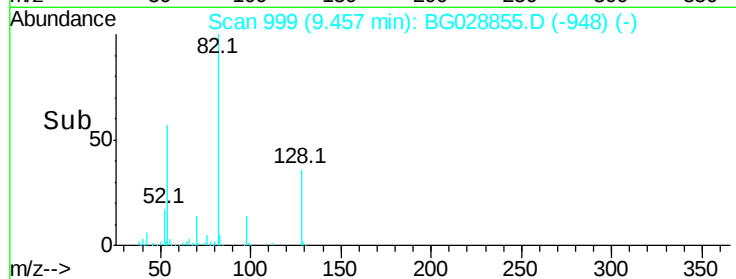
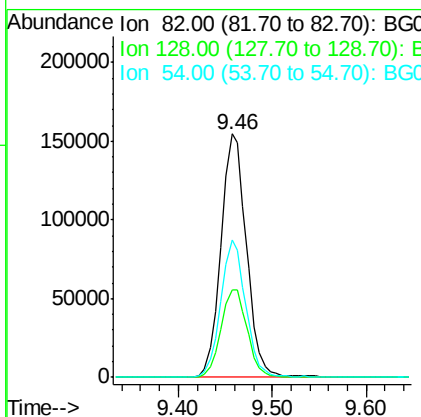
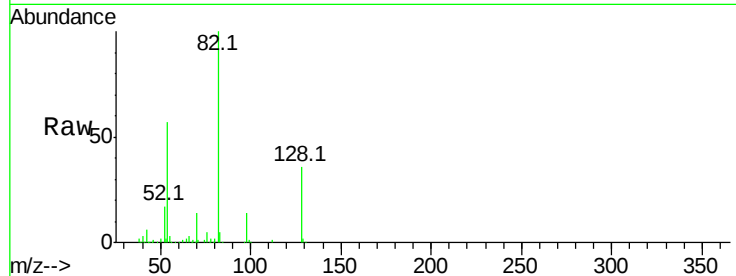




#23
 Nitrobenzene-d5
 Concen: 87.359 ng
 RT: 9.46 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BG028855.D
 Acq: 21 Sep 2017 13:03

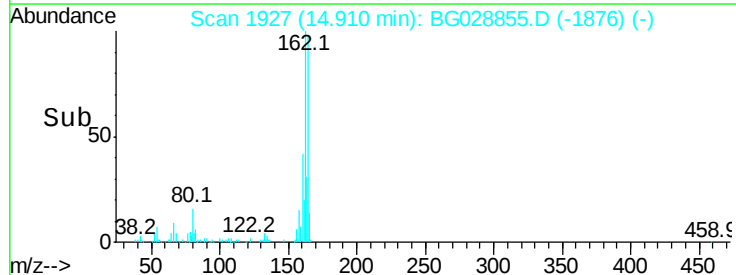
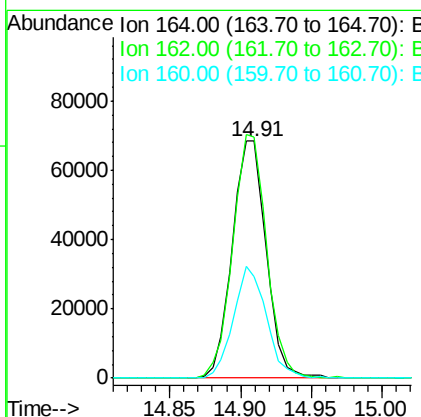
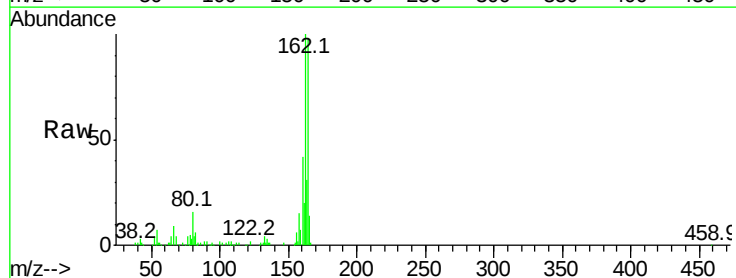
Instrument :
 BNA_G
 ClientSampleId :

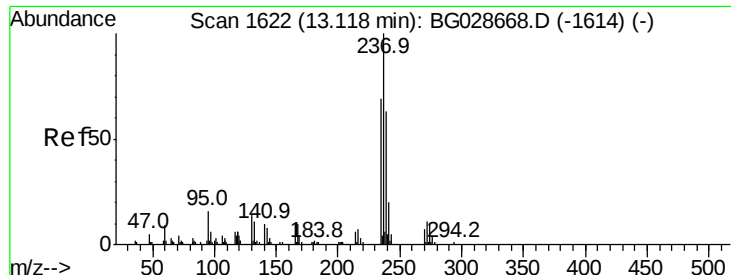
Tot Ion	82	Resp	292453
Ion	Ratio	Lower	Upper
82	100		
128	36.2	26.4	39.6
54	56.6	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.91 min Scan# 1927
 Delta R.T. -0.00 min
 Lab File: BG028855.D
 Acq: 21 Sep 2017 13:03

Tgt Ion	164	Resp	114860
Ion	Ratio	Lower	Upper
164	100		
162	101.7	85.1	127.7
160	42.9	34.7	52.1





#40

Hexachlorocyclopentadiene

Concen: 7.635 ng

RT: 12.92 min Scan# 1588

Delta R.T. -0.16 min

Lab File: BG028855.D

Acq: 21 Sep 2017 13:03

Instrument :

BNA_G

ClientSampleId :

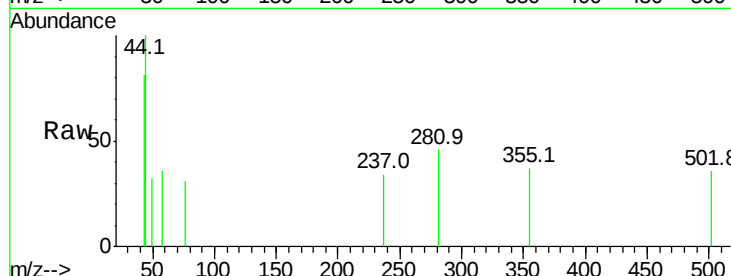
Tot Ion:237 Resp: 64

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

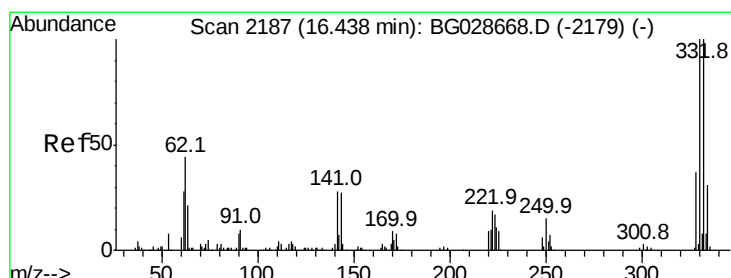
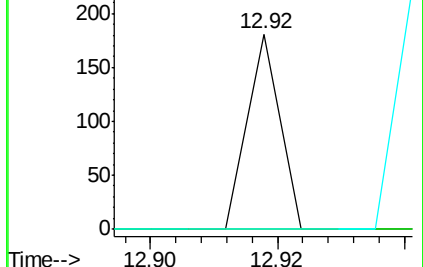
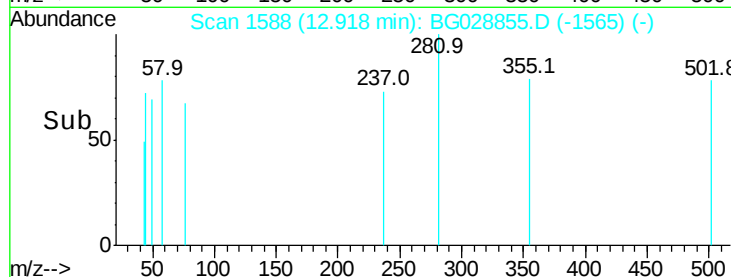
272 0.0 0.0 32.0



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: 116.884 ng

RT: 16.40 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BG028855.D

Acq: 21 Sep 2017 13:03

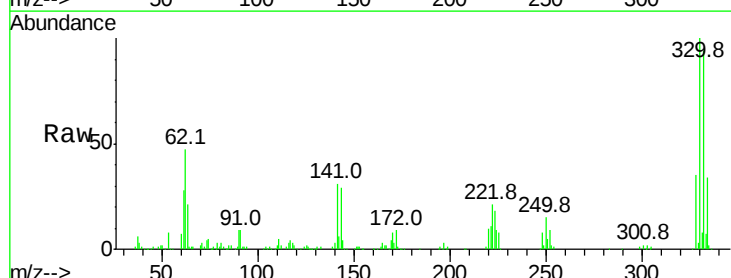
Tgt Ion:330 Resp: 222047

Ion Ratio Lower Upper

330 100

332 93.7 77.3 115.9

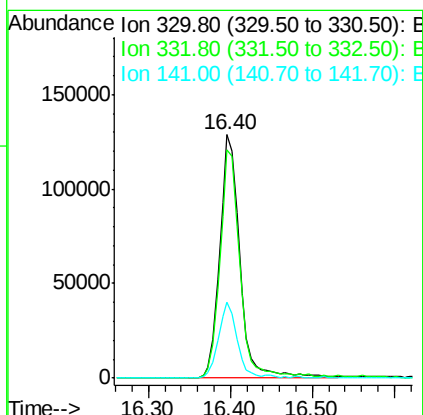
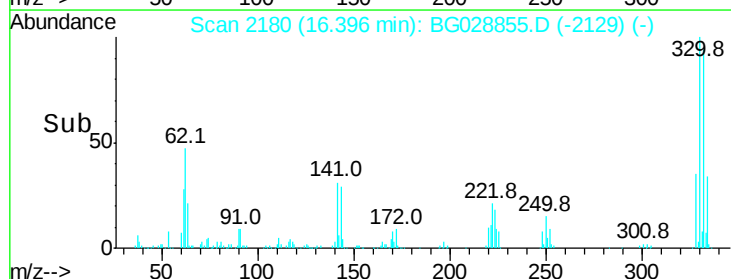
141 29.2 32.1 48.1#

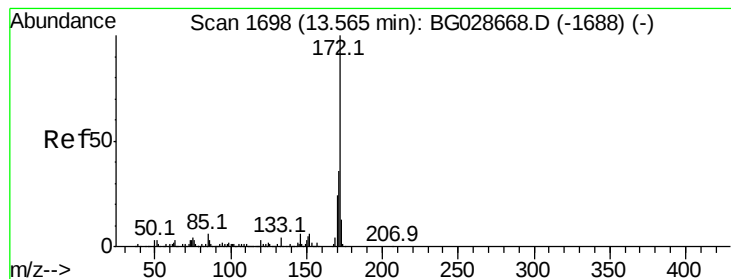


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 86.396 ng

RT: 13.53 min Scan# 1692

Delta R.T. -0.00 min

Lab File: BG028855.D

Acq: 21 Sep 2017 13:03

Instrument :

BNA_G

ClientSampleId :

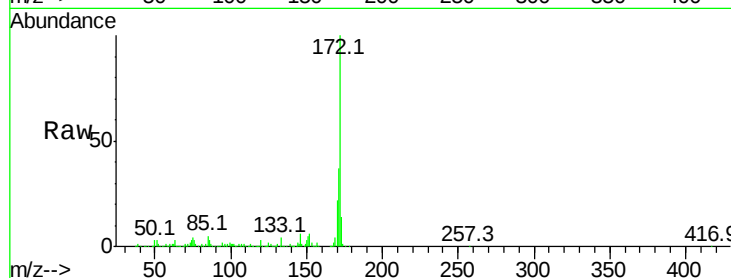
Tot Ion:172 Resp: 744212

Ion Ratio Lower Upper

172 100

171 37.1 32.2 48.2

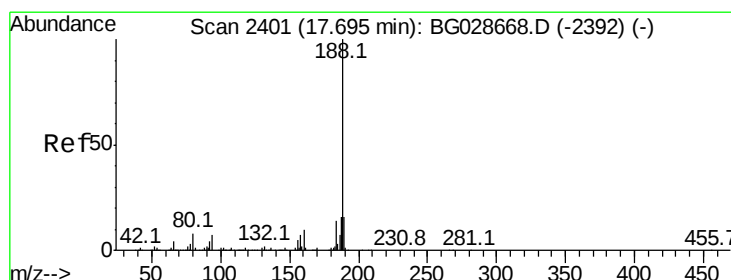
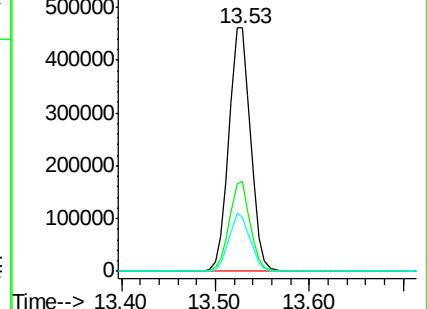
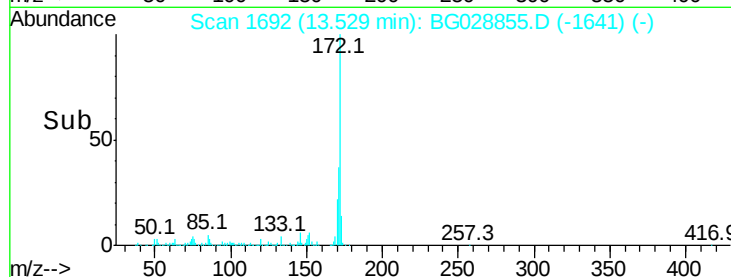
170 22.4 21.8 32.6



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: 17.66 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BG028855.D

Acq: 21 Sep 2017 13:03

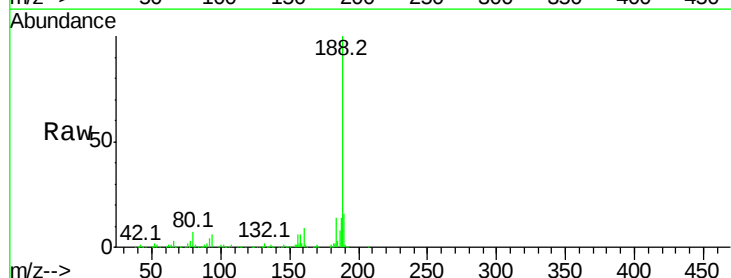
Tgt Ion:188 Resp: 303767

Ion Ratio Lower Upper

188 100

94 6.4 5.8 8.8

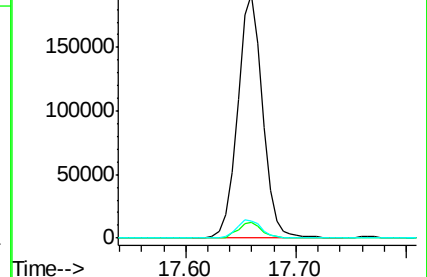
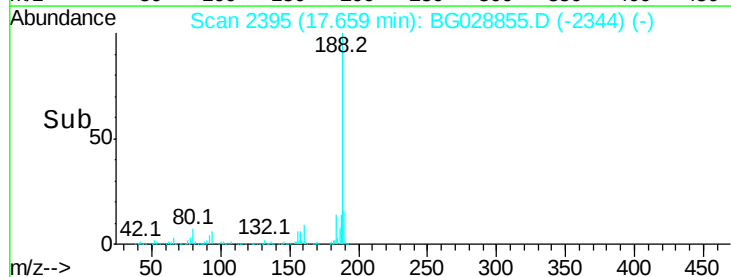
80 7.2 7.5 11.3#

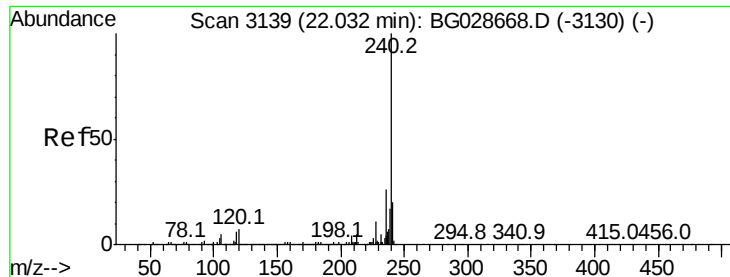


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.98 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG028855.D

Acq: 21 Sep 2017 13:03

Instrument :

BNA_G

ClientSampleId :

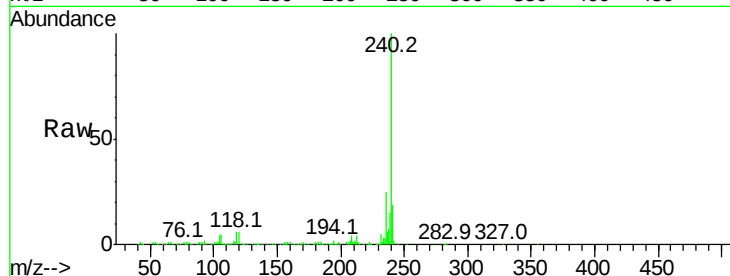
Tot Ion:240 Resp: 335840

Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.7	8.5
236	24.6	22.2	33.4

240 100

120 6.0 5.7 8.5

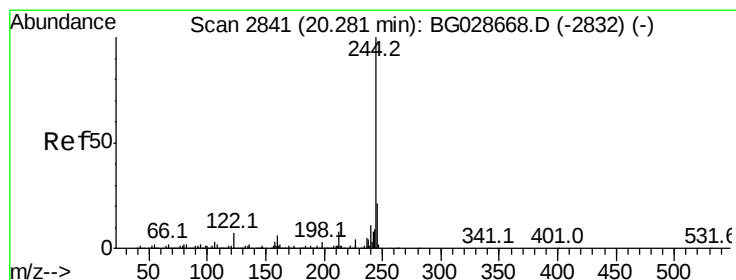
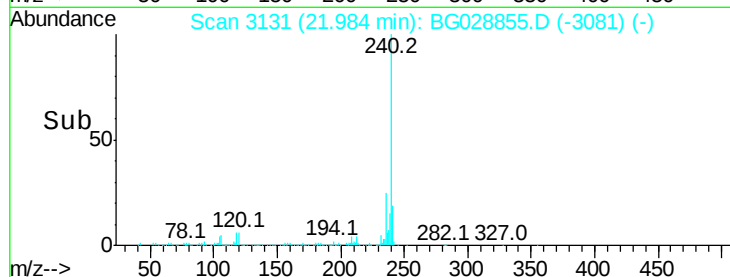
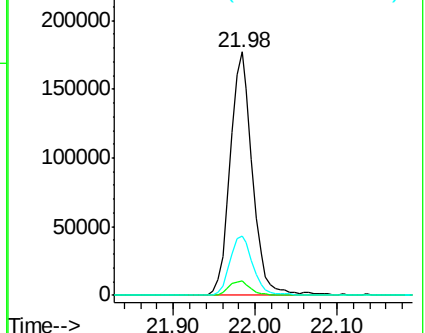
236 24.6 22.2 33.4



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: 87.097 ng

RT: 20.24 min Scan# 2835

Delta R.T. -0.00 min

Lab File: BG028855.D

Acq: 21 Sep 2017 13:03

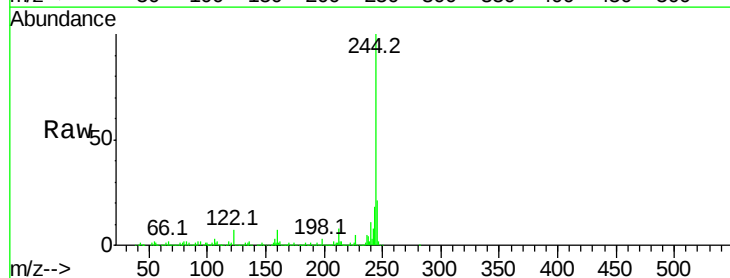
Tgt Ion:244 Resp: 1371612

Ion	Ratio	Lower	Upper
244	100		
212	7.5	10.0	15.0#
122	7.4	8.6	12.8#

244 100

212 7.5 10.0 15.0#

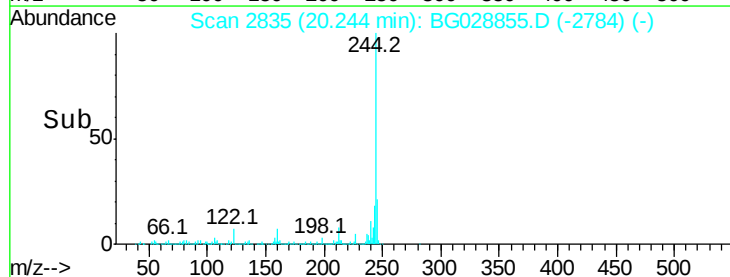
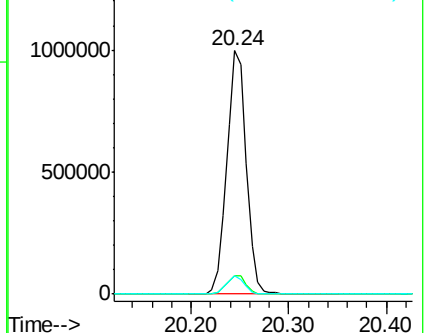
122 7.4 8.6 12.8#

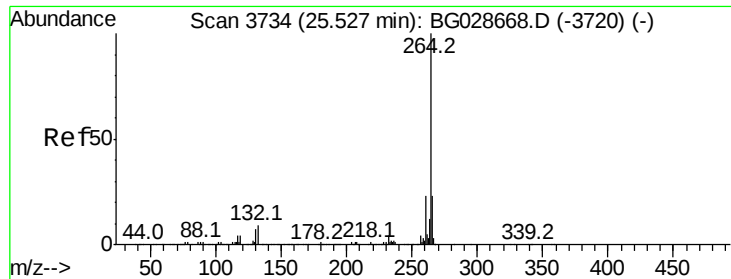


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

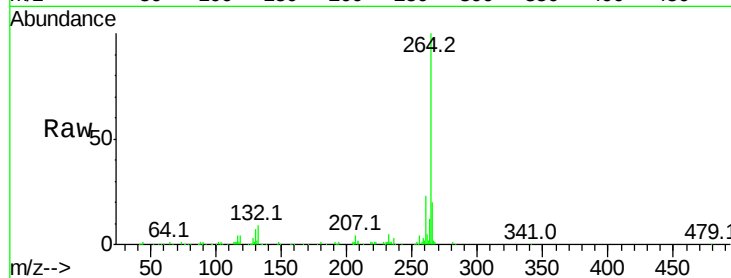




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.46 min Scan# 3722
Delta R.T. -0.00 min
Lab File: BG028855.D
Acq: 21 Sep 2017 13:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	21.8	32.8
265	19.8	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

