

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
 Data File : BF105339.D
 Acq On : 12 May 2018 16:02
 Operator : JU/SJ
 Sample : J2870-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-A2

Quant Time: May 14 09:34:17 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 11 17:15:19 2018
 Response via : Initial Calibration

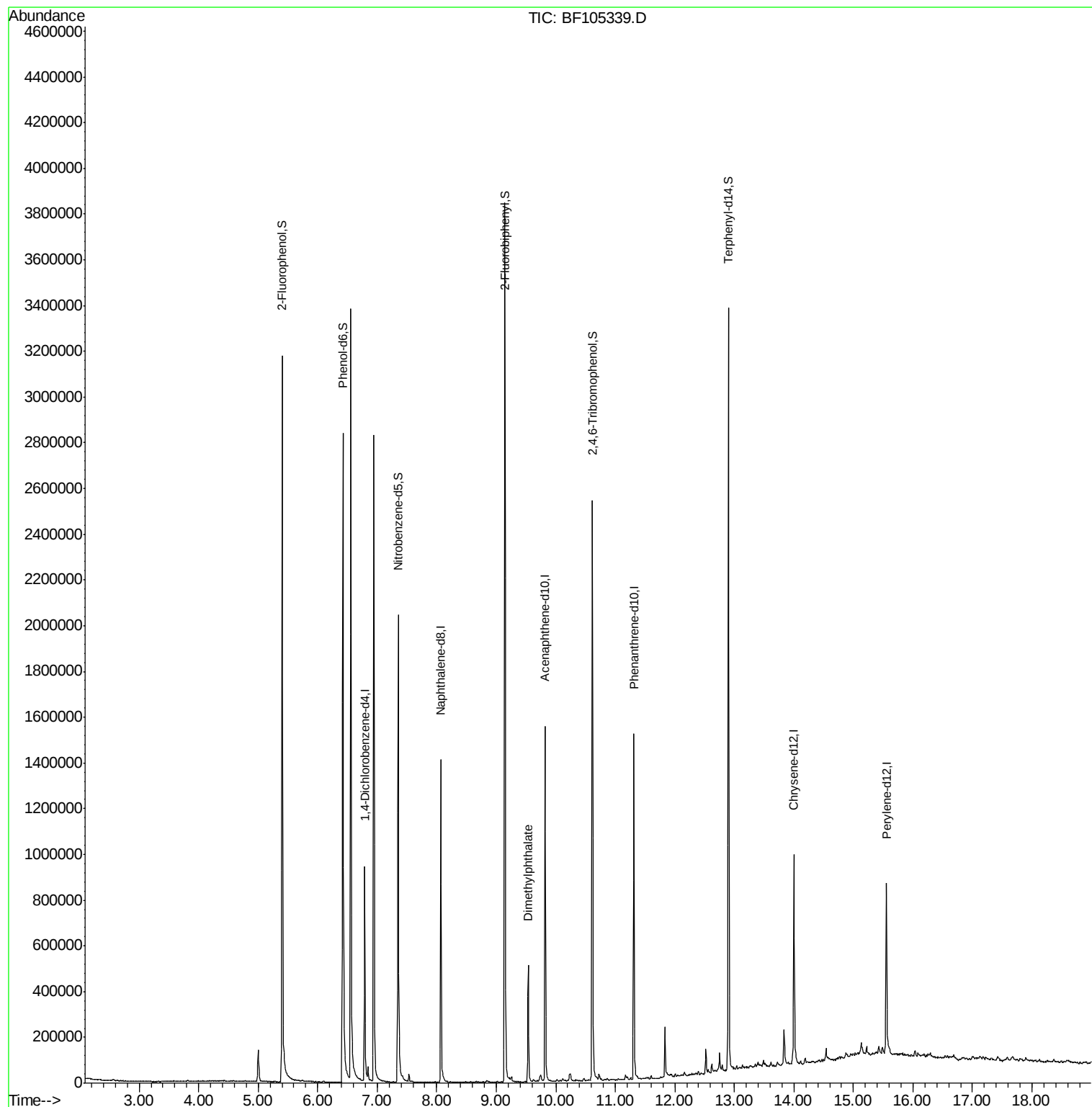
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	153044	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	650608	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	291866	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	537312	20.00	ng	0.00
75) Chrysene-d12	14.00	240	334030	20.00	ng	-0.01
86) Perylene-d12	15.56	264	364896	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	986647	96.96	ng	0.00
7) Phenol-d6	6.43	99	1234153	102.07	ng	0.00
23) Nitrobenzene-d5	7.35	82	770133	68.89	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	365882	97.03	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1256229	62.04	ng	0.00
78) Terphenyl-d14	12.90	244	1181945	76.06	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.54	163	205972	9.193	ng	Qvalue 99

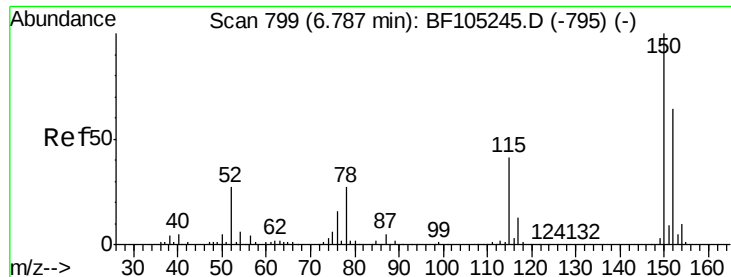
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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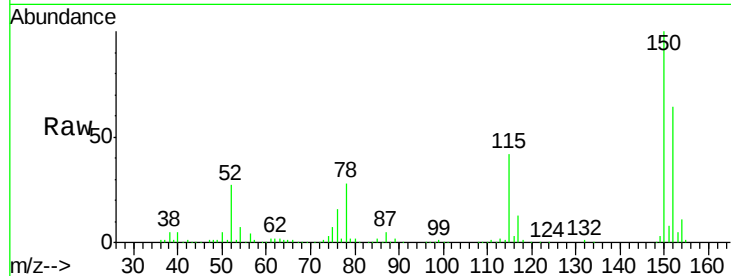


#1

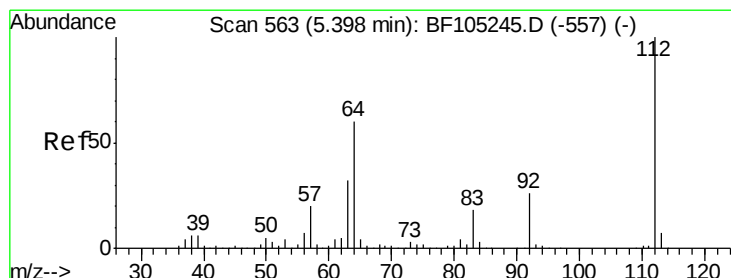
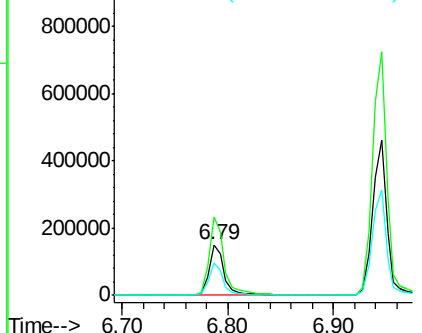
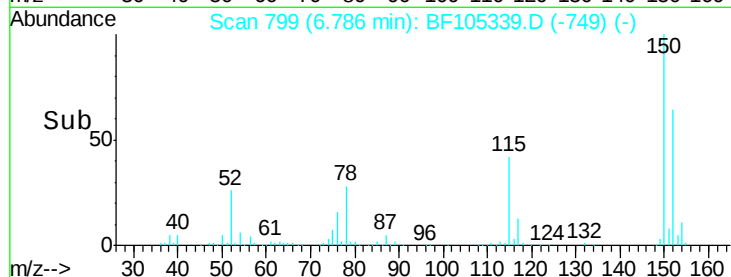
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF105339.D
Acq: 12 May 2018 16:02

Instrument :
BNA_F
ClientSampleId :
SP-A2

Tot Ion:152 Resp: 153044
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 64.5 50.1 75.1



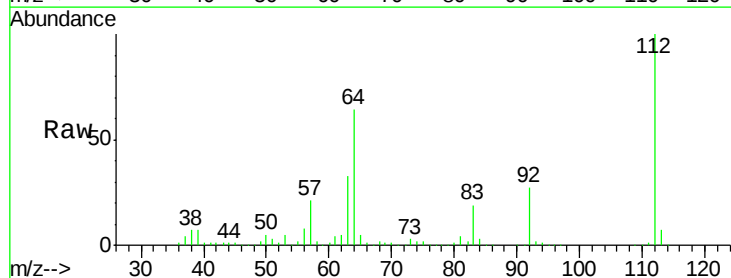
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



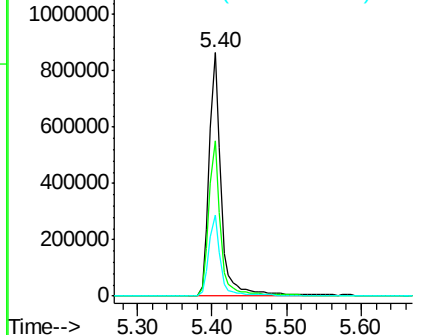
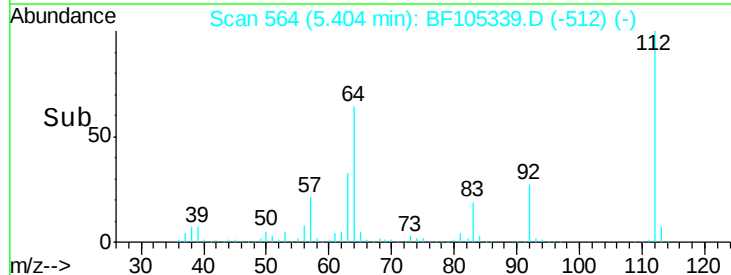
#5

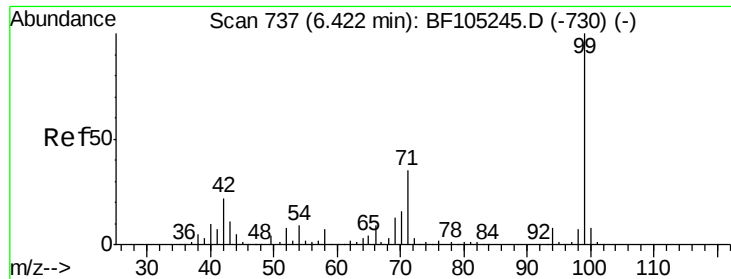
2-Fluorophenol
Concen: 96.961 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF105339.D
Acq: 12 May 2018 16:02

Tgt Ion:112 Resp: 986647
Ion Ratio Lower Upper
112 100
64 63.8 47.9 71.9
63 33.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 102.069 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF105339.D

Acq: 12 May 2018 16:02

Instrument :

BNA_F

ClientSampleId :

SP-A2

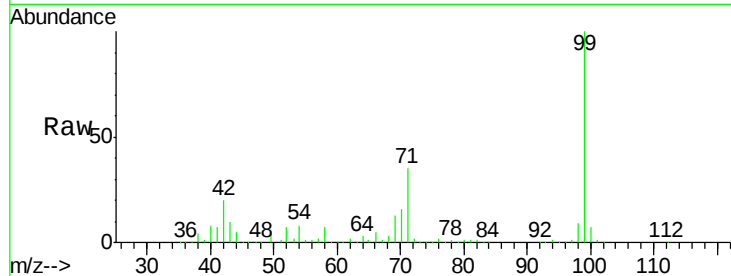
Tot Ion: 99 Resp: 1234153

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

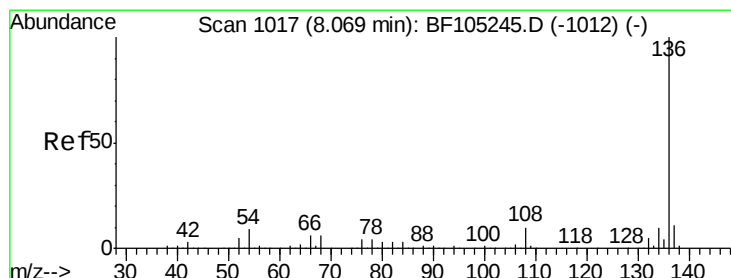
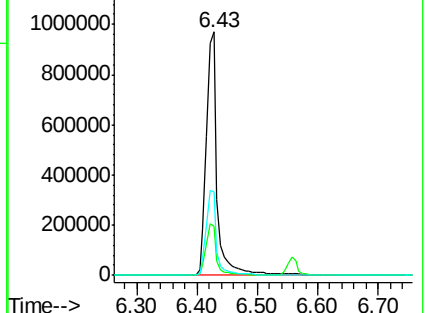
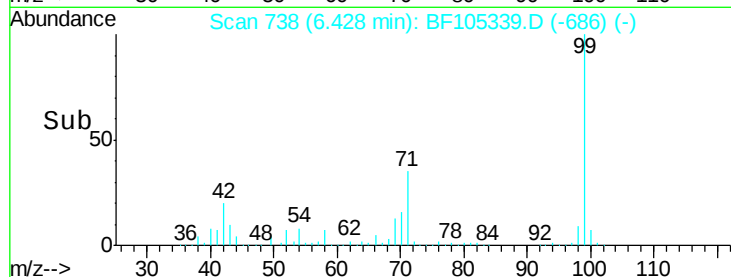
71 34.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF105339.D

Acq: 12 May 2018 16:02

Tgt Ion: 136 Resp: 650608

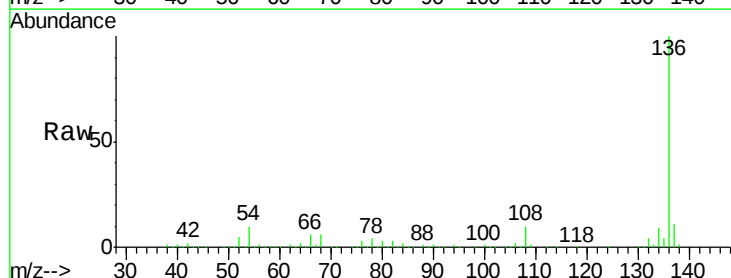
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.8 6.6 9.8

68 6.5 5.0 7.4

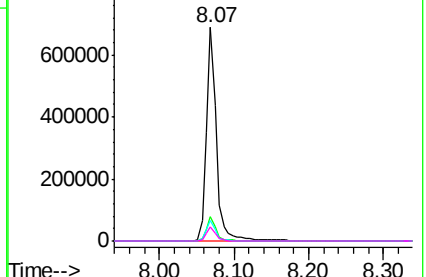
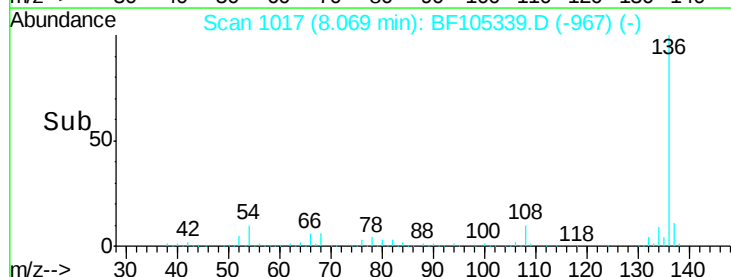


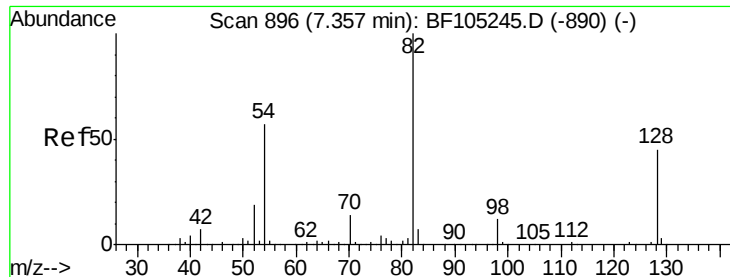
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

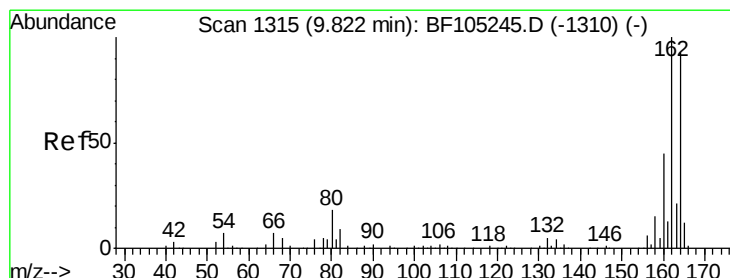
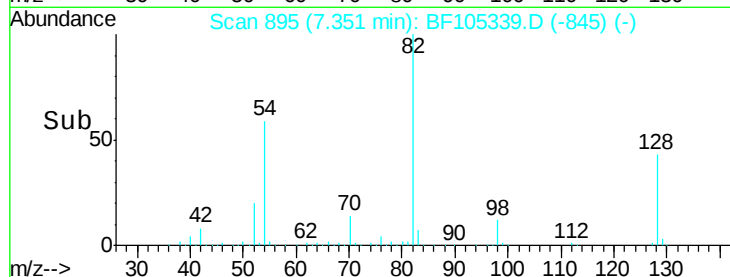
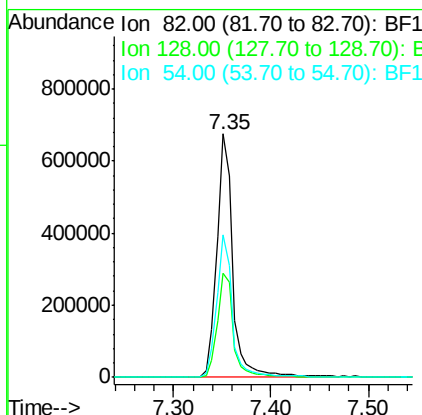
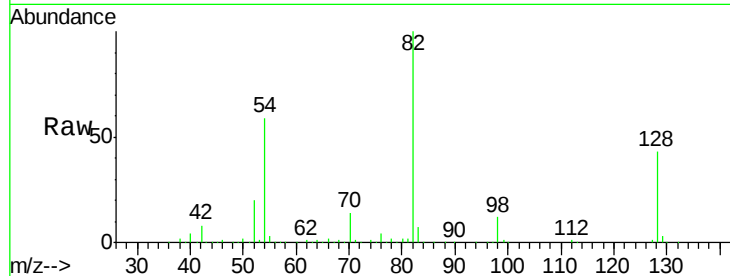




#23
 Nitrobenzene-d5
 Concen: 68.894 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF105339.D
 Acq: 12 May 2018 16:02

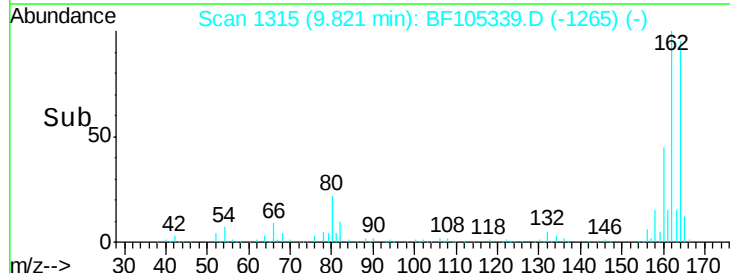
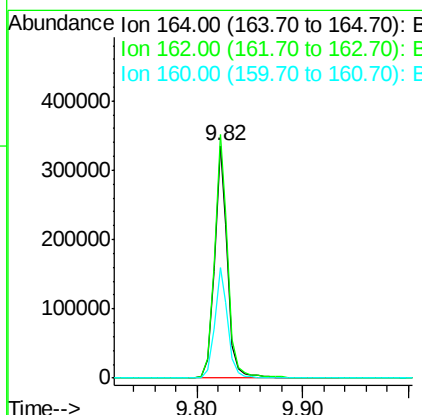
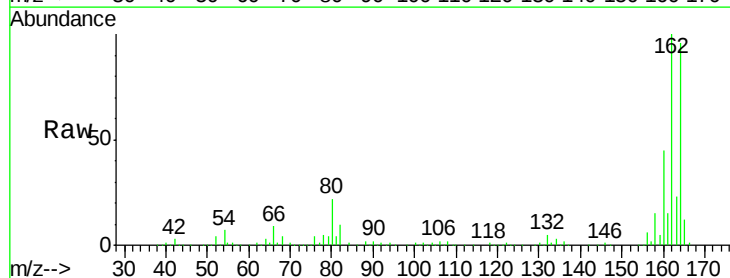
Instrument :
 BNA_F
 ClientSampled :
 SP-A2

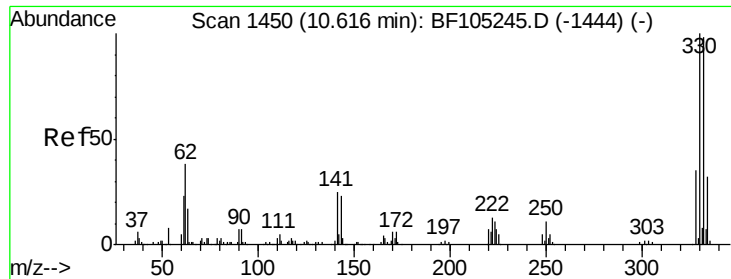
Tot Ion	82	Resp	770133
Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.1	54.1
54	58.6	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF105339.D
 Acq: 12 May 2018 16:02

Tgt Ion	164	Resp	291866
Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	47.2	38.3	57.5

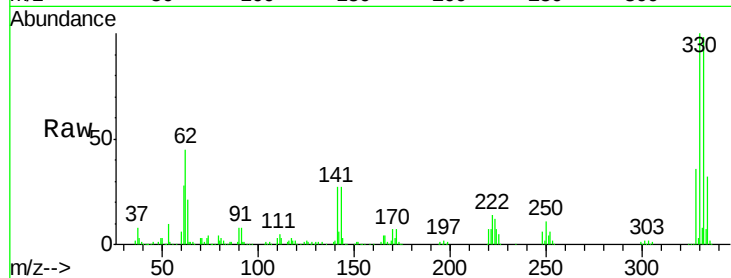




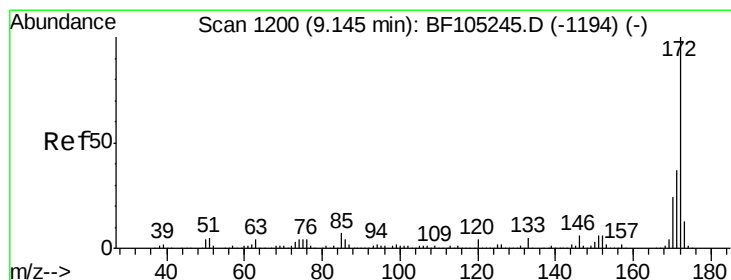
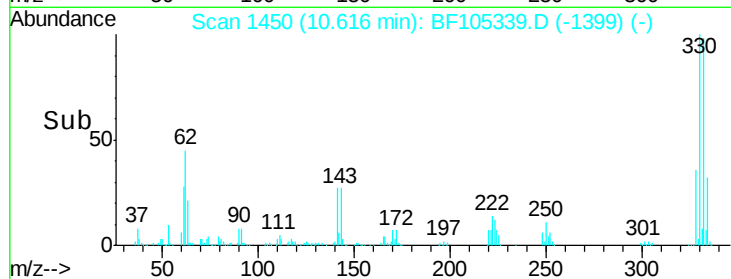
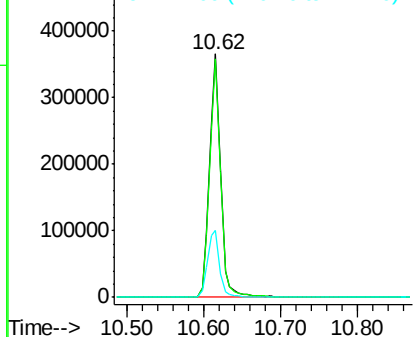
#41
 2,4,6-Tribromophenol
 Concen: 97.030 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: BF105339.D
 Acq: 12 May 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-A2

Tot Ion:330 Resp: 365882
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 29.7 29.9 44.9#

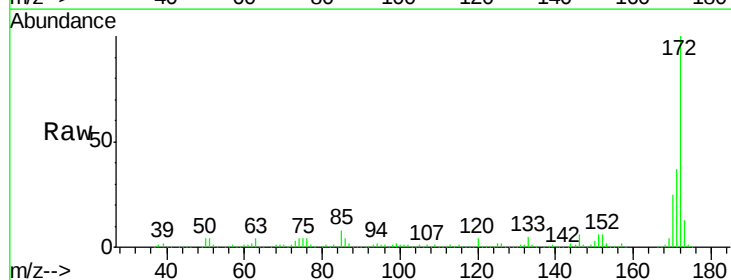


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

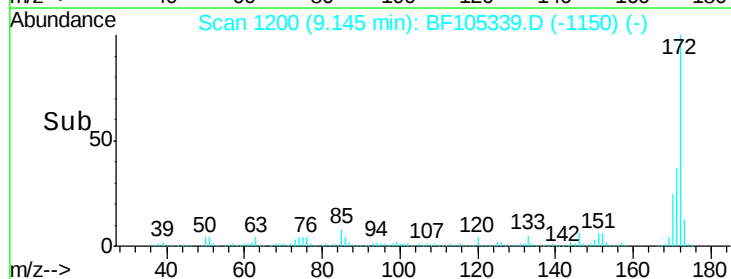
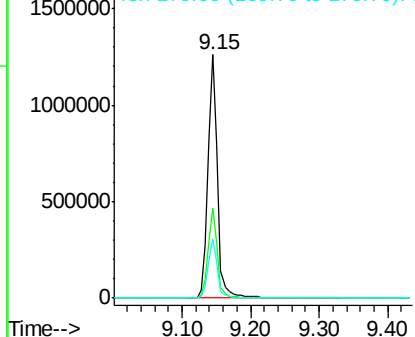


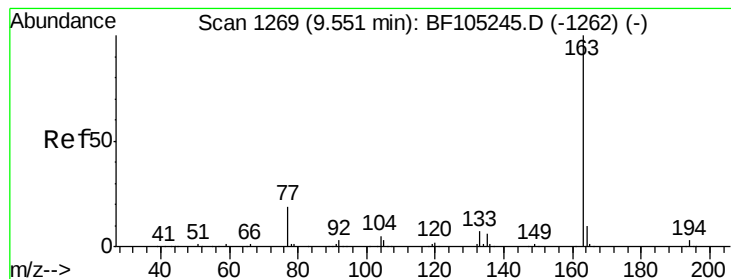
#44
 2-Fluorobiphenyl
 Concen: 62.035 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF105339.D
 Acq: 12 May 2018 16:02

Tgt Ion:172 Resp: 1256229
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 24.6 19.6 29.4



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: 9.193 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF105339.D

Acq: 12 May 2018 16:02

Instrument :

BNA_F

ClientSampleId :

SP-A2

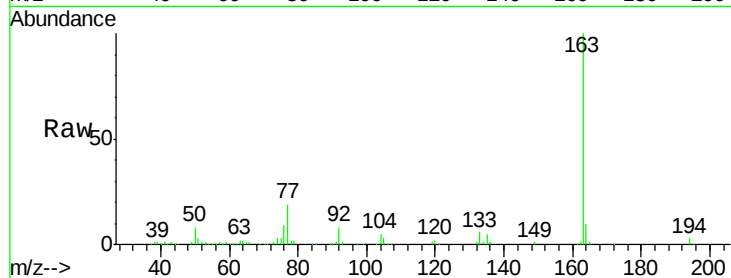
Tot Ion:163 Resp: 205972

Ion Ratio Lower Upper

163 100

194 3.0 2.7 4.1

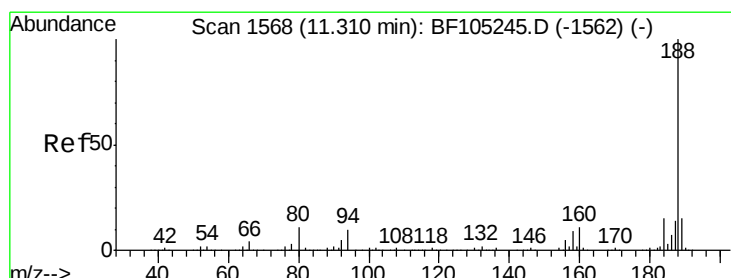
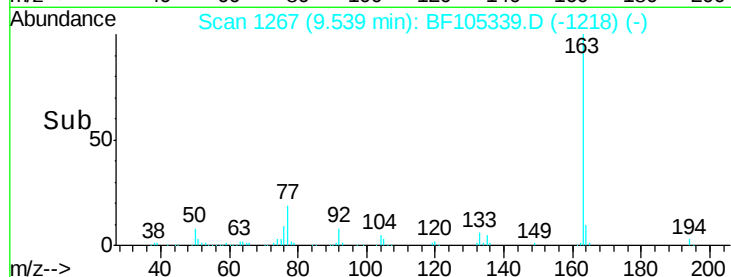
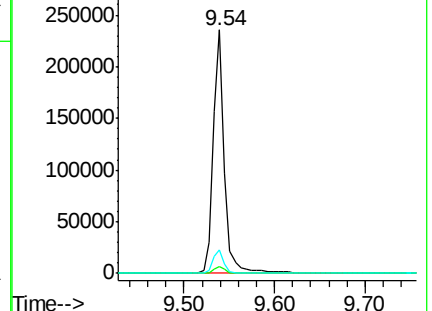
164 9.6 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BF105339.D

Acq: 12 May 2018 16:02

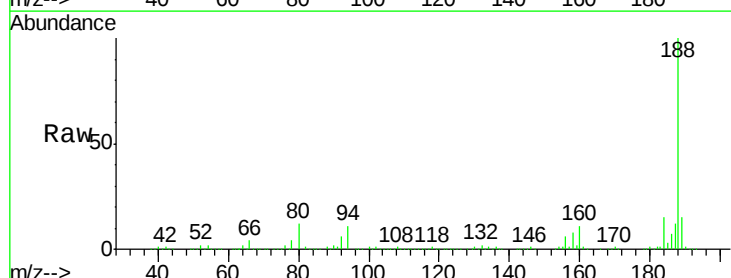
Tgt Ion:188 Resp: 537312

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

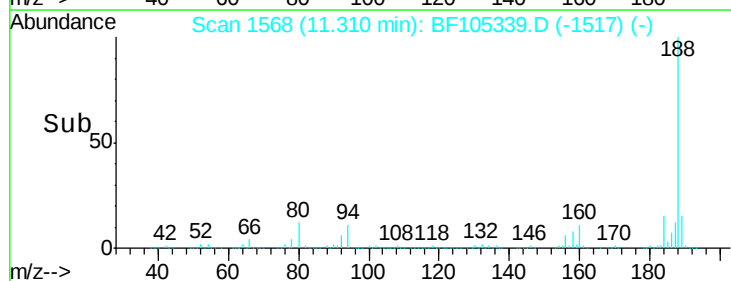
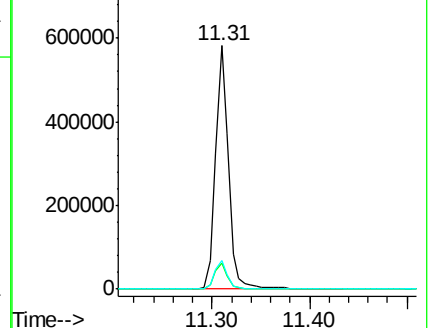
80 11.9 9.2 13.8

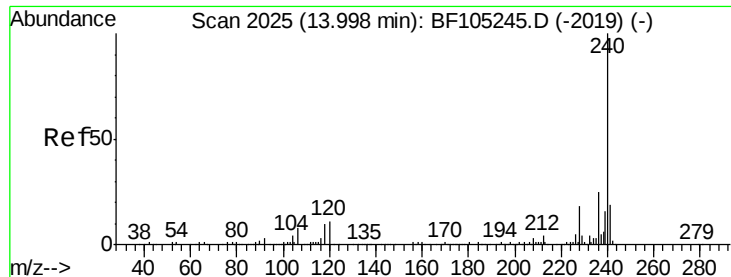


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF105339.D

Acq: 12 May 2018 16:02

Instrument :

BNA_F

ClientSampleId :

SP-A2

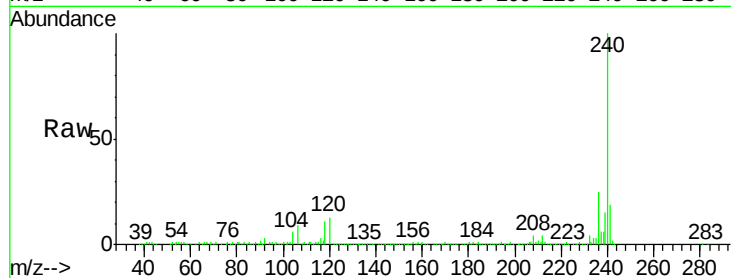
Tot Ion:240 Resp: 334030

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

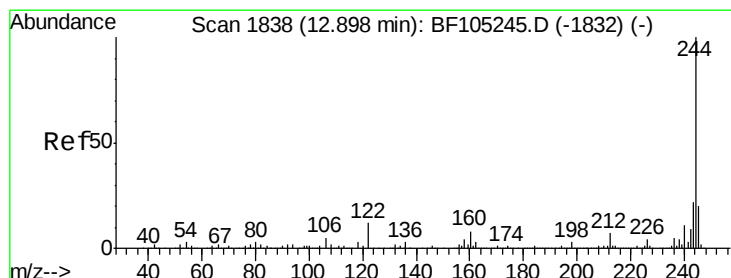
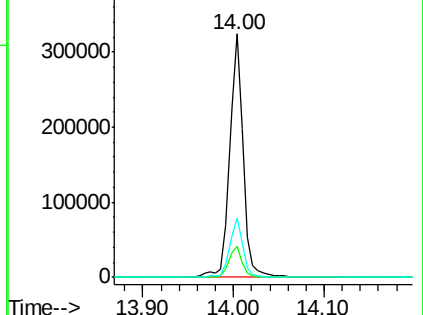
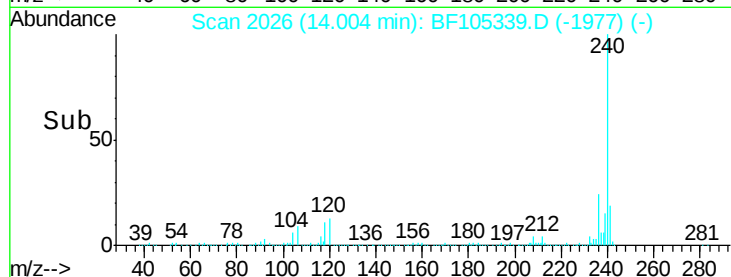
236 24.5 20.7 31.1



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: 76.065 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF105339.D

Acq: 12 May 2018 16:02

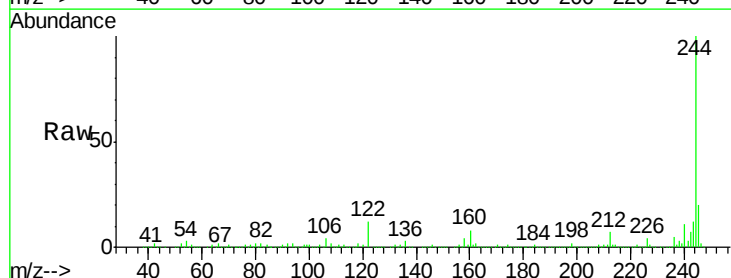
Tgt Ion:244 Resp: 1181945

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

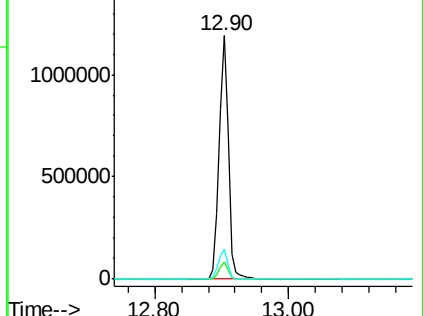
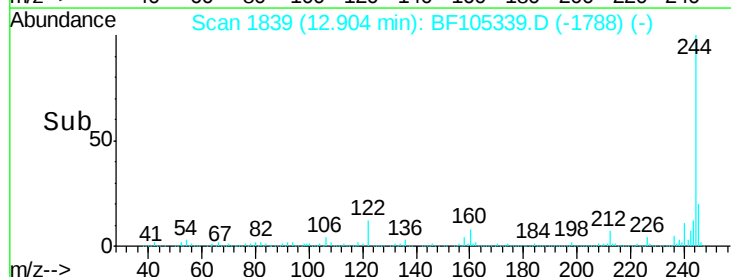
122 12.1 11.0 16.4

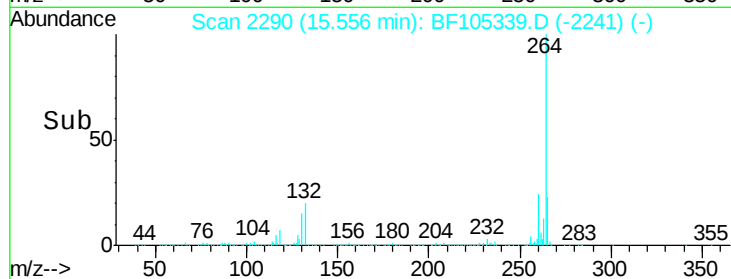
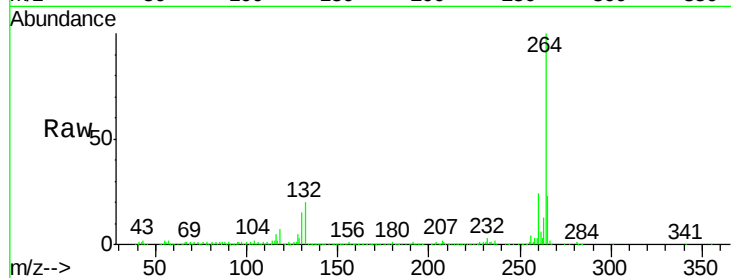
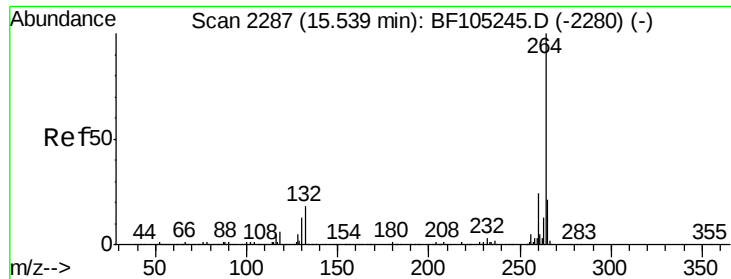


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BF105339.D
Acq: 12 May 2018 16:02

Instrument :
BNA_F
ClientSampleId :
SP-A2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.9	17.5	26.3

