

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101149.D
 Acq On : 6 Dec 2017 3:20
 Operator : SJ/JU
 Sample : I6702-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-2-E(4-5)

Quant Time: Dec 06 04:39:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

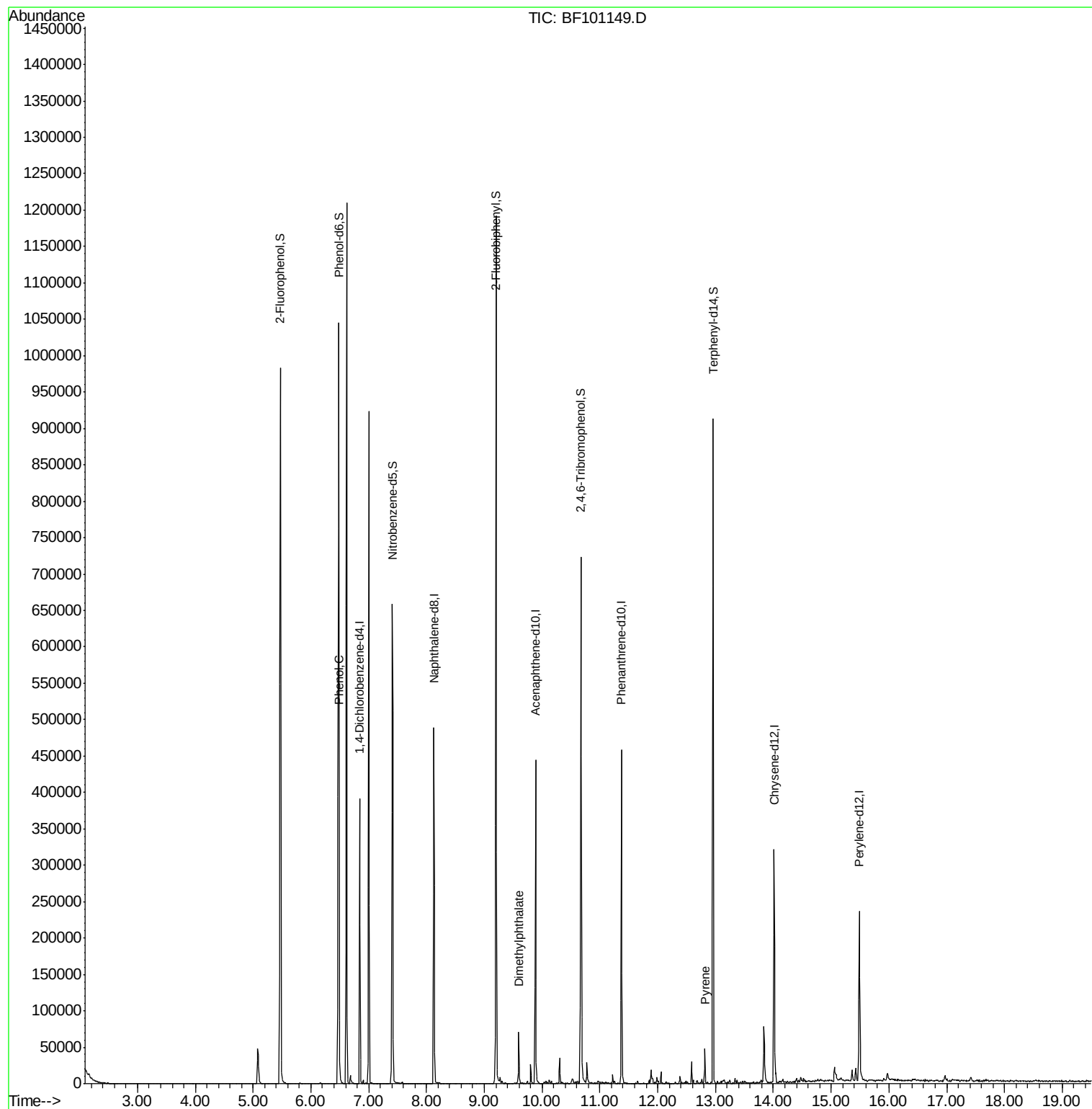
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	54829	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	212954	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	94325	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	171268	20.00	ng	0.00
75) Chrysene-d12	14.02	240	106359	20.00	ng	0.00
86) Perylene-d12	15.49	264	113624	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	294102	88.64	ng	0.00
7) Phenol-d6	6.48	99	351594	87.28	ng	0.00
23) Nitrobenzene-d5	7.41	82	215666	60.41	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	91859	81.07	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	395455	57.36	ng	0.00
78) Terphenyl-d14	12.96	244	297047	61.09	ng	0.00
Target Compounds						
10) Phenol	6.49	94	12966	2.895	ng	97
49) Dimethylphthalate	9.60	163	34276	4.506	ng	98
77) Pyrene	12.82	202	18523	2.524	ng	95

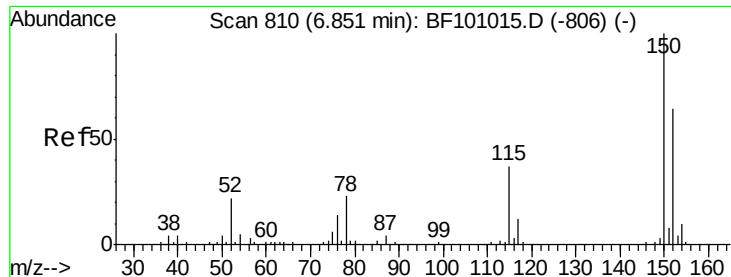
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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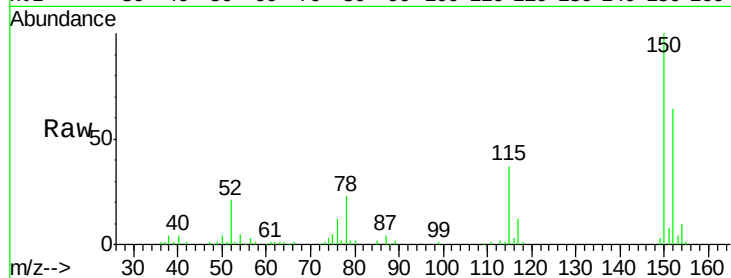


#1

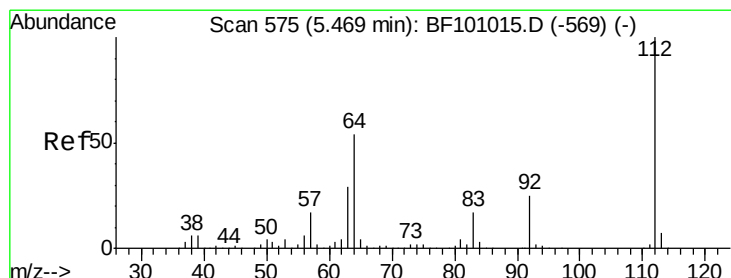
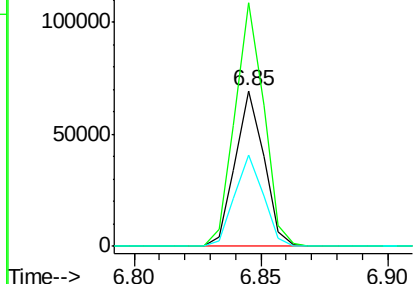
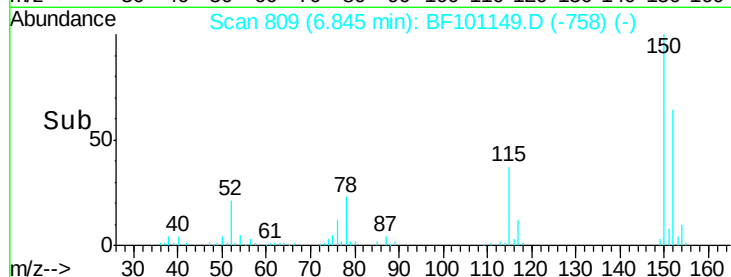
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF101149.D
Acq: 6 Dec 2017 3:20

Instrument :
BNA_F
ClientSampleId :
MH-2-E(4-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	58.6	50.1	75.1



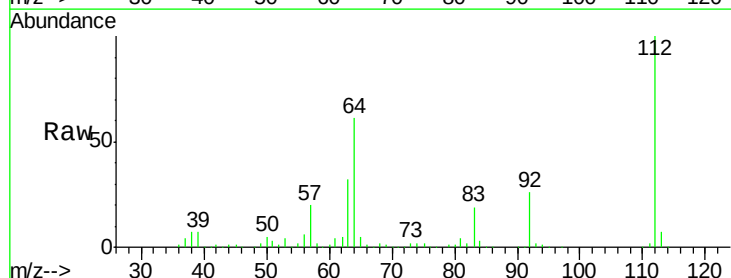
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



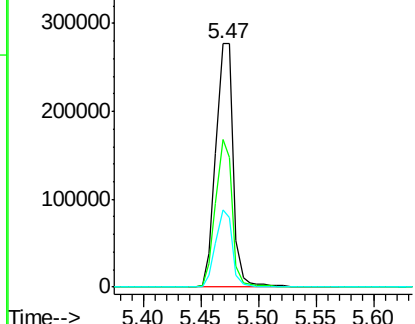
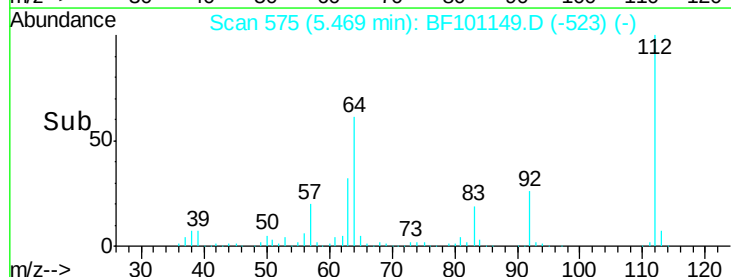
#5

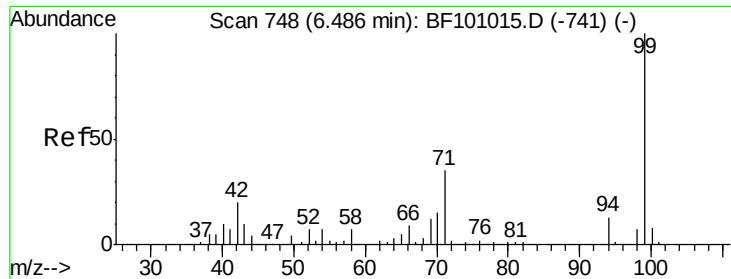
2-Fluorophenol
Concen: 88.637 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101149.D
Acq: 6 Dec 2017 3:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	47.9	71.9
63	31.9	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: 87.278 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF101149.D

Acq: 6 Dec 2017 3:20

Instrument :

BNA_F

ClientSampleId :

MH-2-E(4-5)

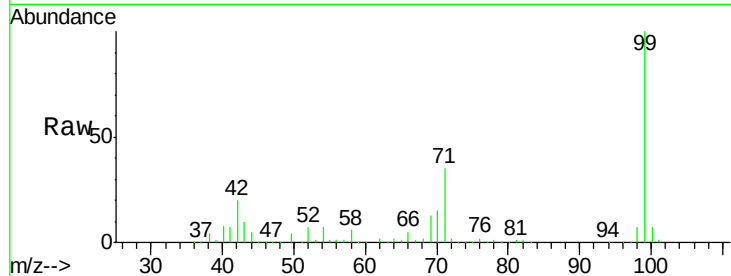
Tot Ion: 99 Resp: 351594

Ion Ratio Lower Upper

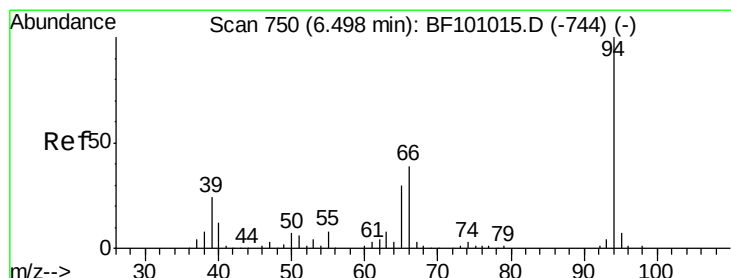
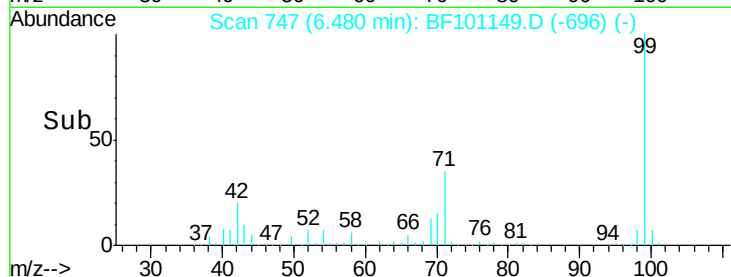
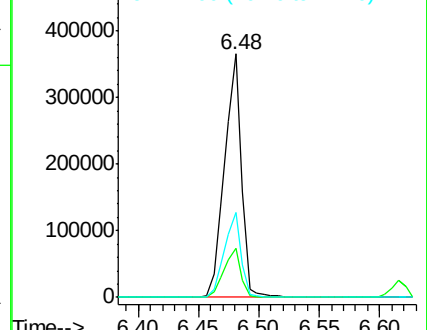
99 100

42 20.1 14.5 21.7

71 35.0 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



#10

Phenol

Concen: 2.895 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF101149.D

Acq: 6 Dec 2017 3:20

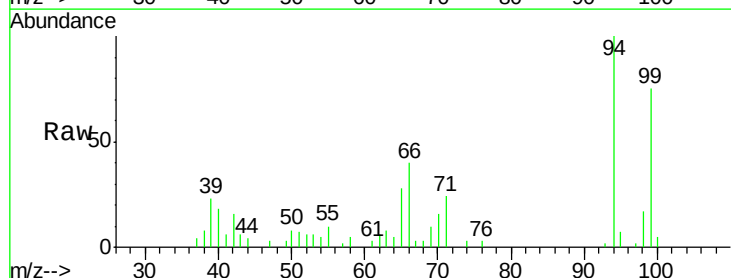
Tgt Ion: 94 Resp: 12966

Ion Ratio Lower Upper

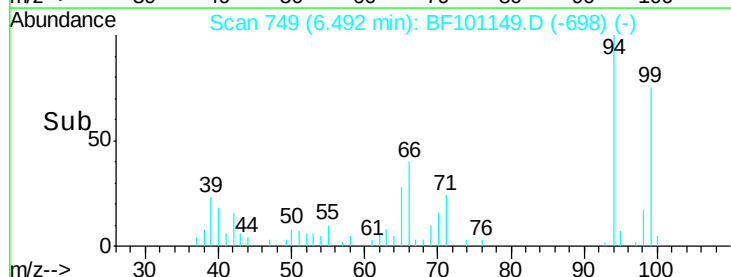
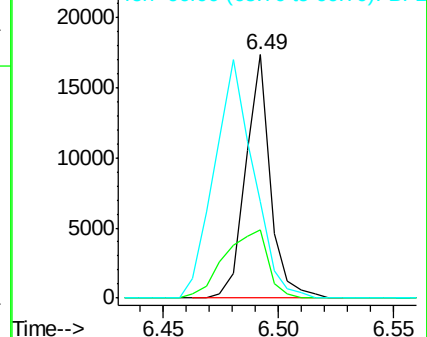
94 100

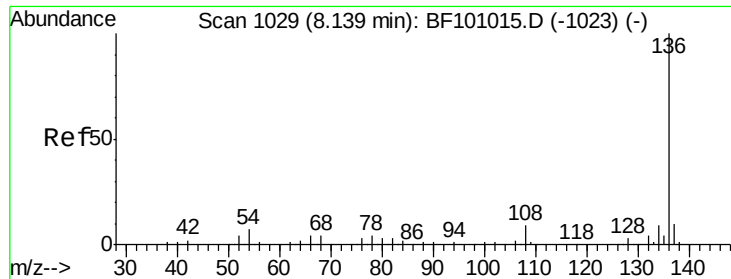
65 27.9 7.9 47.9

66 39.7 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

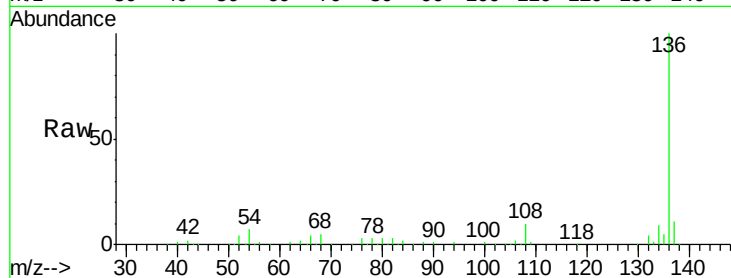




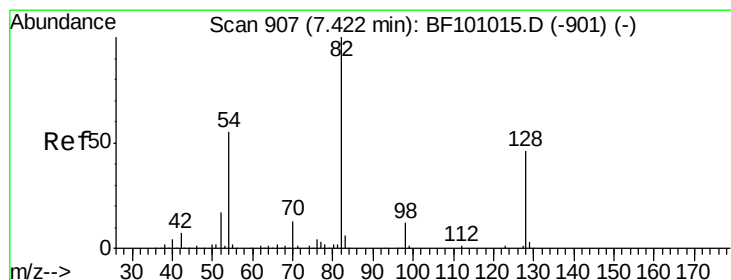
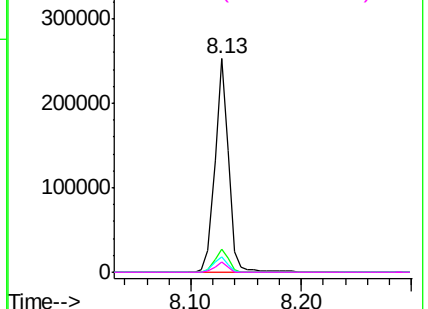
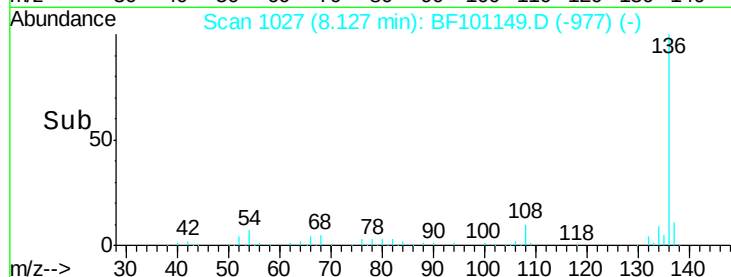
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101149.D
Acq: 6 Dec 2017 3:20

Instrument :
BNA_F
ClientSampleId :
MH-2-E(4-5)

Tot Ion:136	Resp:	212954
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	7.4	6.6 9.8
68	4.8	5.0 7.4#

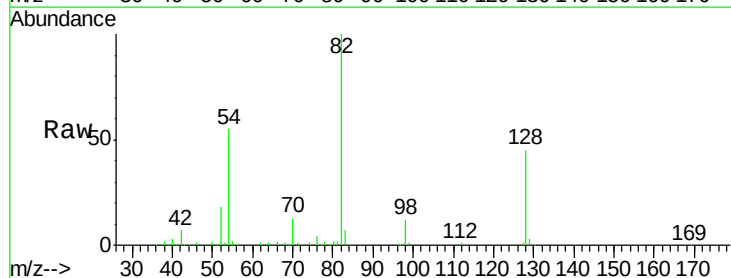


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

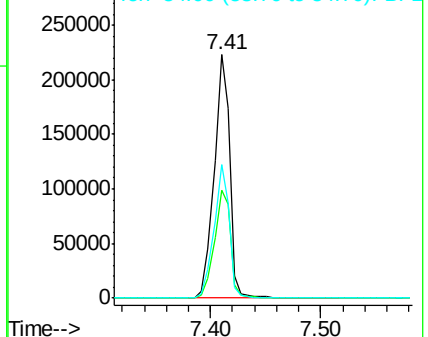
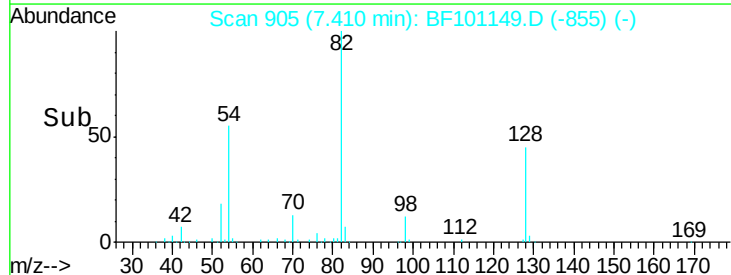


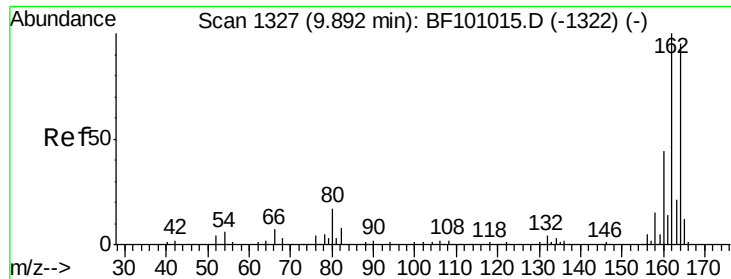
#23
Nitrobenzene-d5
Concen: 60.413 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101149.D
Acq: 6 Dec 2017 3:20

Tgt Ion: 82	Resp:	215666
Ion Ratio	Lower	Upper
82	100	
128	44.5	36.1 54.1
54	54.7	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF101149.D

Acq: 6 Dec 2017 3:20

Instrument :

BNA_F

ClientSampleId :

MH-2-E(4-5)

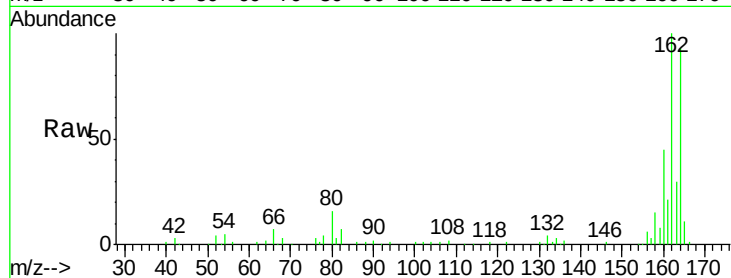
Tot Ion:164 Resp: 94325

Ion Ratio Lower Upper

164 100

162 107.6 86.1 129.1

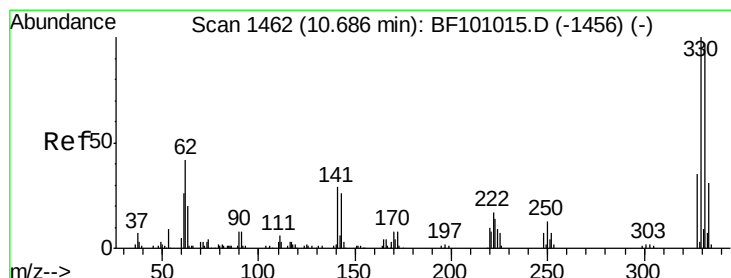
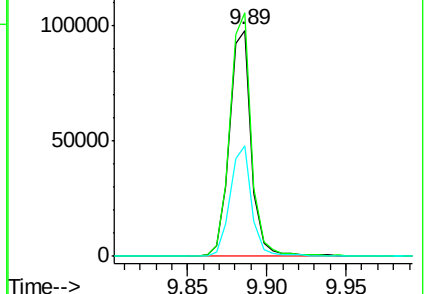
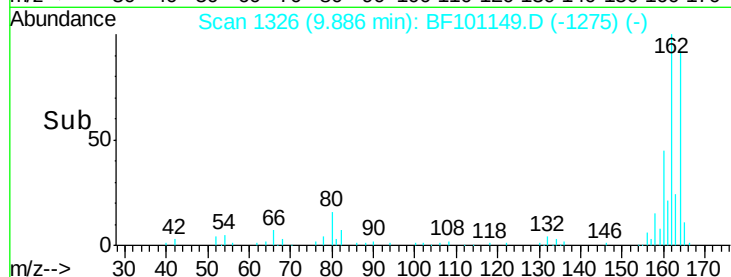
160 49.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 81.068 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF101149.D

Acq: 6 Dec 2017 3:20

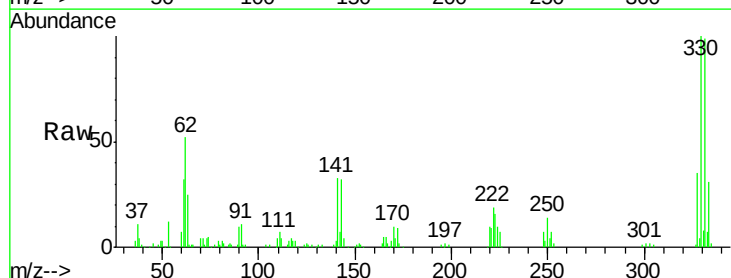
Tgt Ion:330 Resp: 91859

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

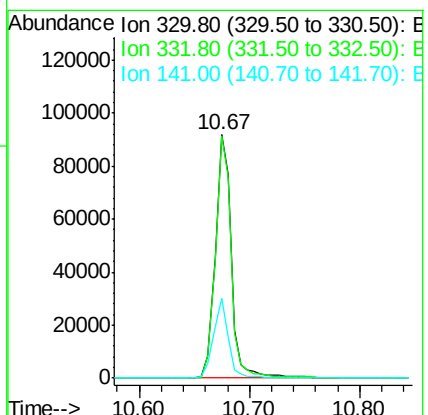
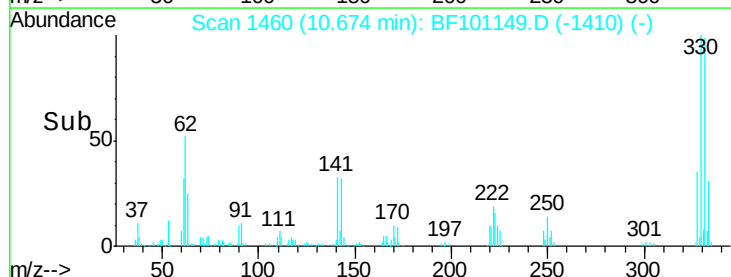
141 29.6 29.9 44.9#

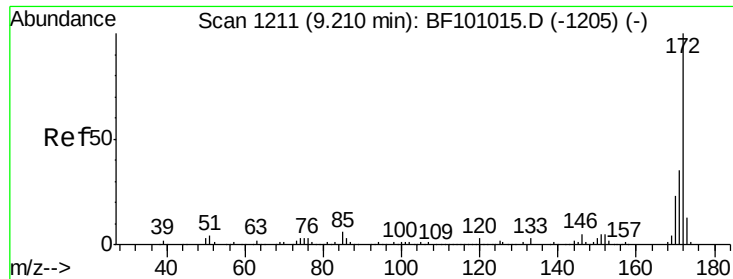


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

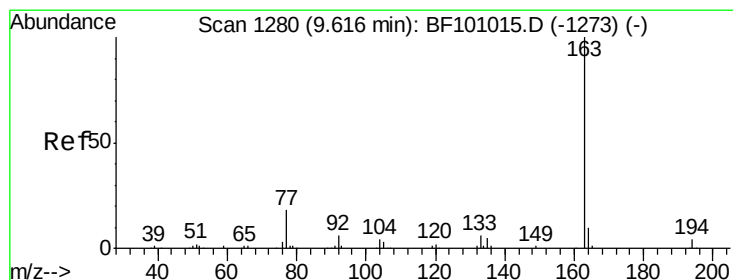
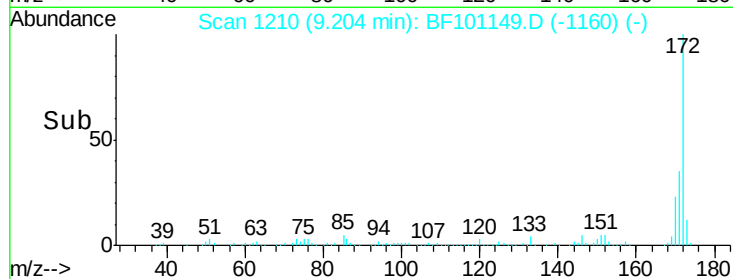
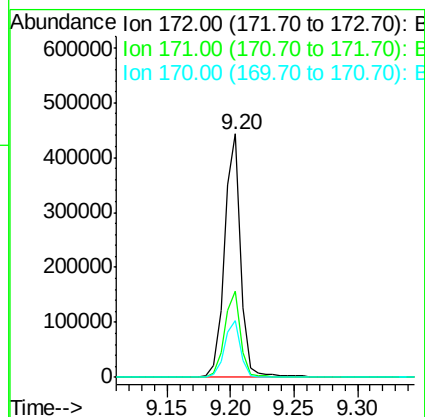
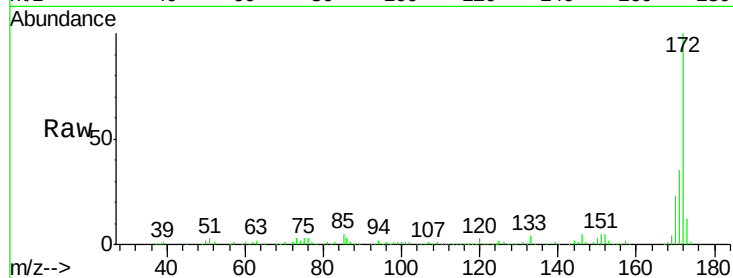




#44
2-Fluorobiphenyl
Concen: 57.361 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101149.D
Acq: 6 Dec 2017 3:20

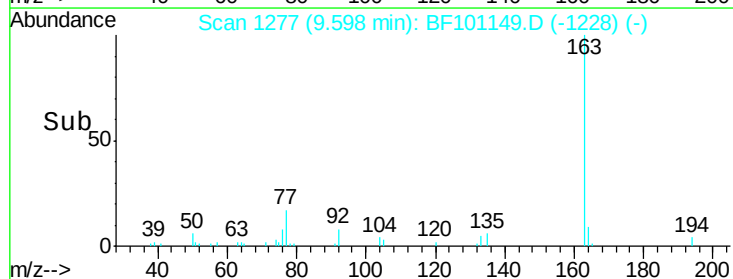
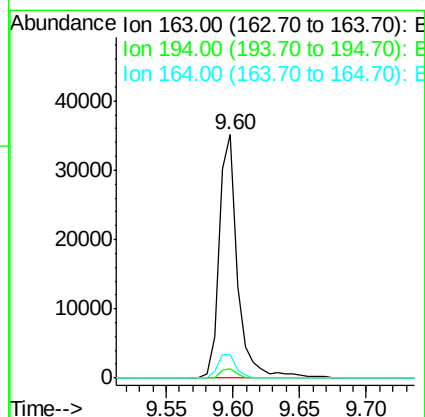
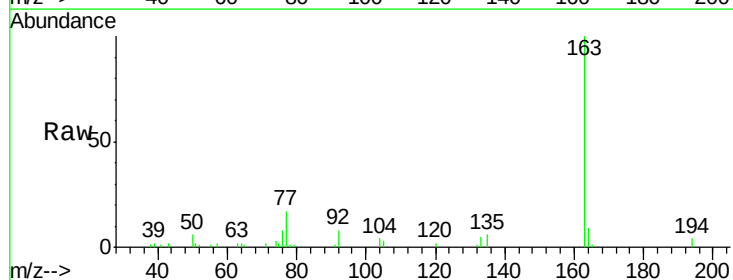
Instrument :
BNA_F
ClientSampleId :
MH-2-E(4-5)

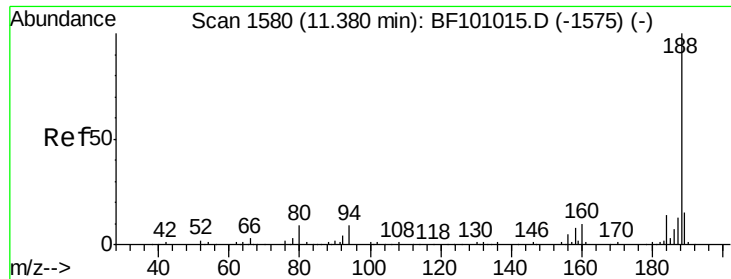
Tot Ion:172 Resp: 395455
Ion Ratio Lower Upper
172 100
171 35.2 29.7 44.5
170 23.4 19.6 29.4



#49
Dimethylphthalate
Concen: 4.506 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101149.D
Acq: 6 Dec 2017 3:20

Tgt Ion:163 Resp: 34276
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.5 8.2 12.2

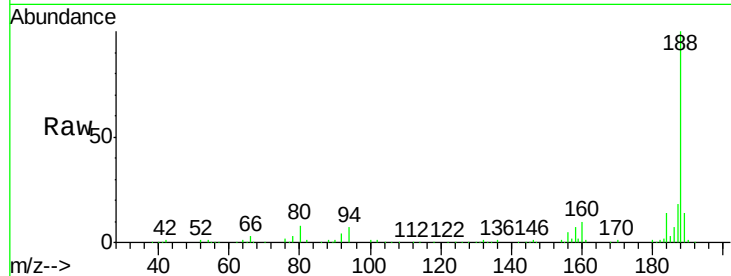




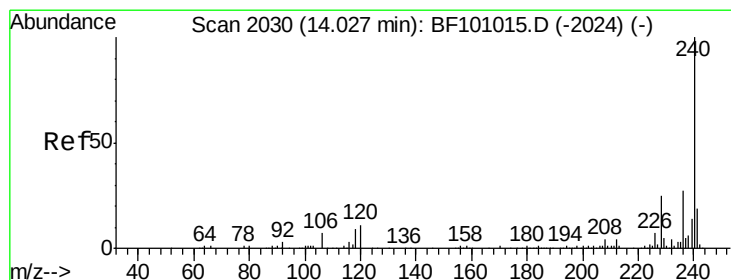
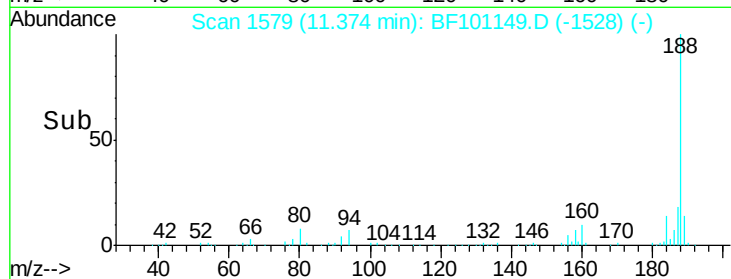
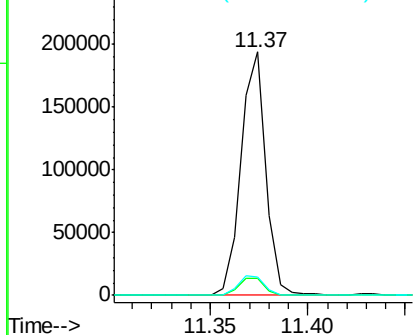
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF101149.D
Acq: 6 Dec 2017 3:20

Instrument :
BNA_F
ClientSampleId :
MH-2-E(4-5)

Tot Ion:188 Resp: 171268
Ion Ratio Lower Upper
188 100
94 7.0 8.5 12.7#
80 7.7 9.2 13.8#

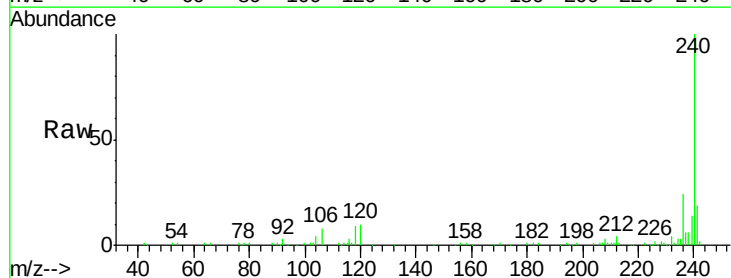


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

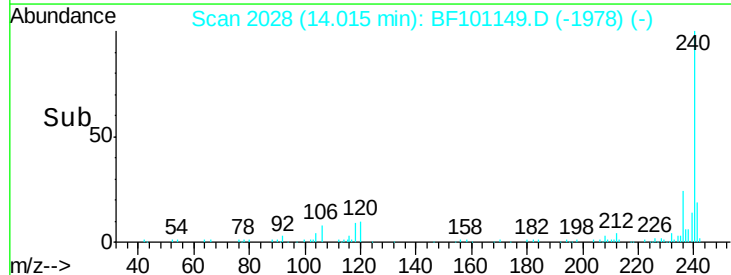
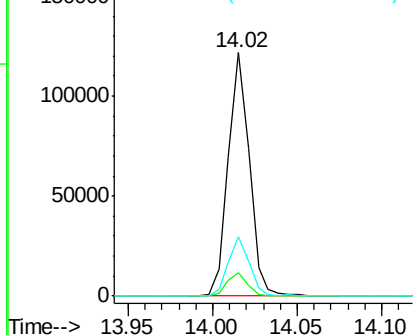


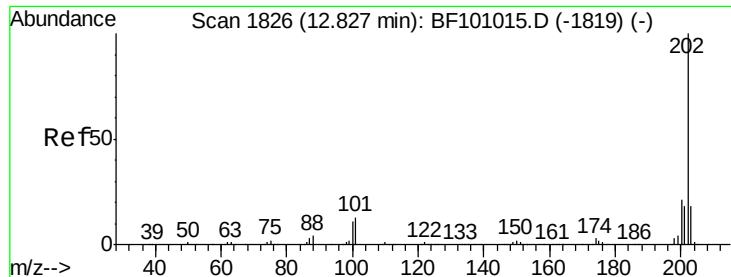
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101149.D
Acq: 6 Dec 2017 3:20

Tgt Ion:240 Resp: 106359
Ion Ratio Lower Upper
240 100
120 9.8 9.5 14.3
236 24.1 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

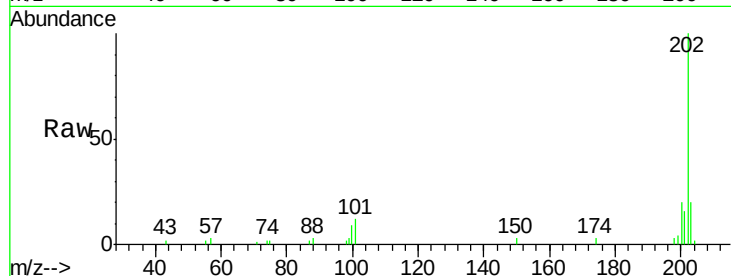




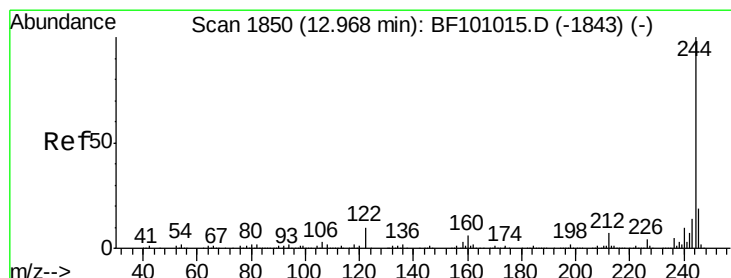
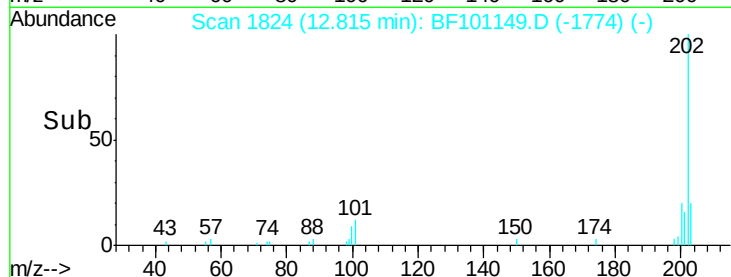
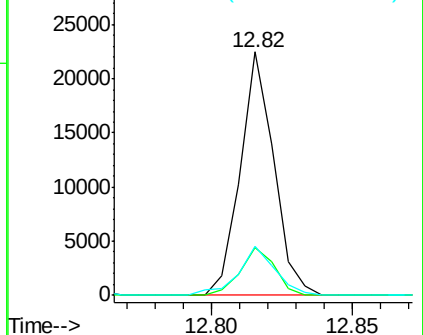
#77
Pvrene
Concen: 2.524 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF101149.D
Acq: 6 Dec 2017 3:20

Instrument :
BNA_F
ClientSampleId :
MH-2-E(4-5)

Tot Ion:202 Resp: 18523
Ion Ratio Lower Upper
202 100
200 19.7 17.4 26.2
203 19.9 14.3 21.5

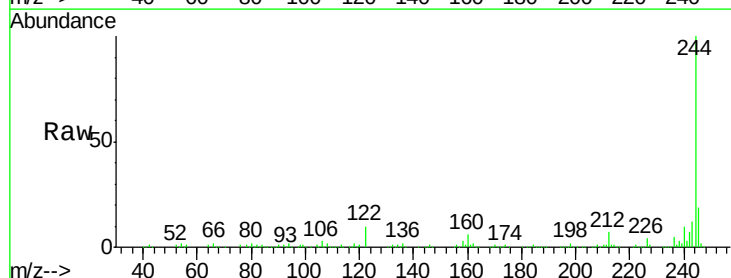


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

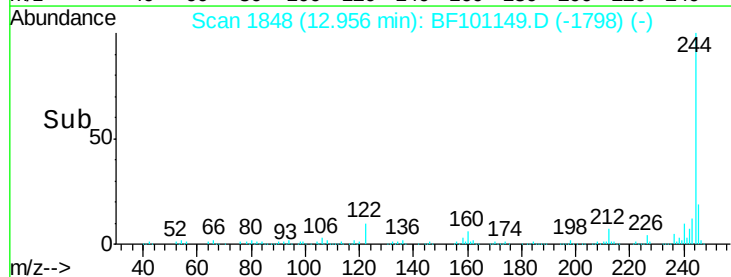
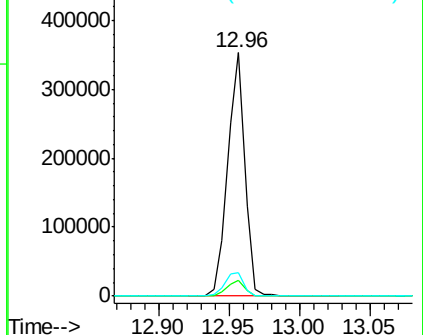


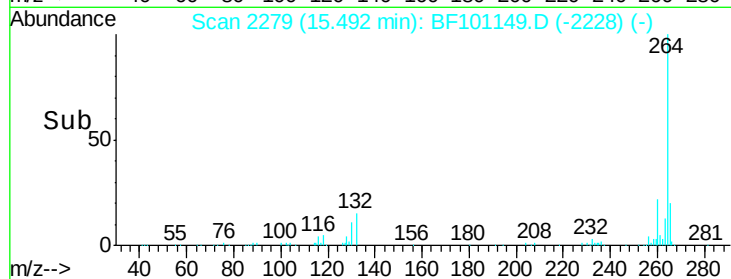
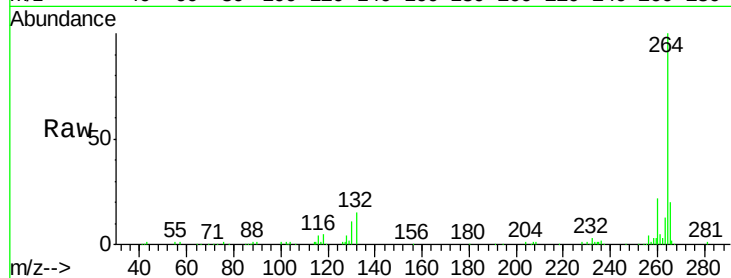
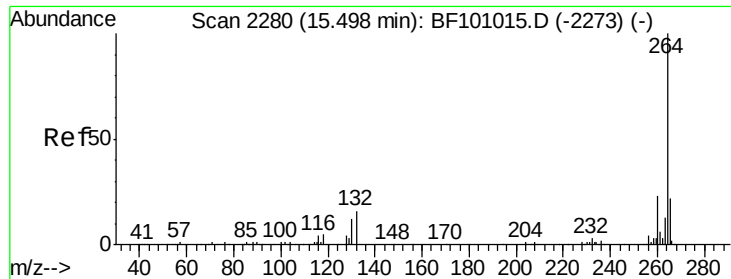
#78
Terphenyl-d14
Concen: 61.087 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101149.D
Acq: 6 Dec 2017 3:20

Tgt Ion:244 Resp: 297047
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 9.6 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: 15.49 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BF101149.D
Acq: 6 Dec 2017 3:20

Instrument :
BNA_F
ClientSampleId :
MH-2-E(4-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.2	28.8
265	20.5	17.5	26.3

