

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101316.D
 Acq On : 12 Dec 2017 6:03
 Operator : SJ/JU
 Sample : I6764-06 2X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MAP-1-E(7-8)

Quant Time: Dec 12 07:40:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

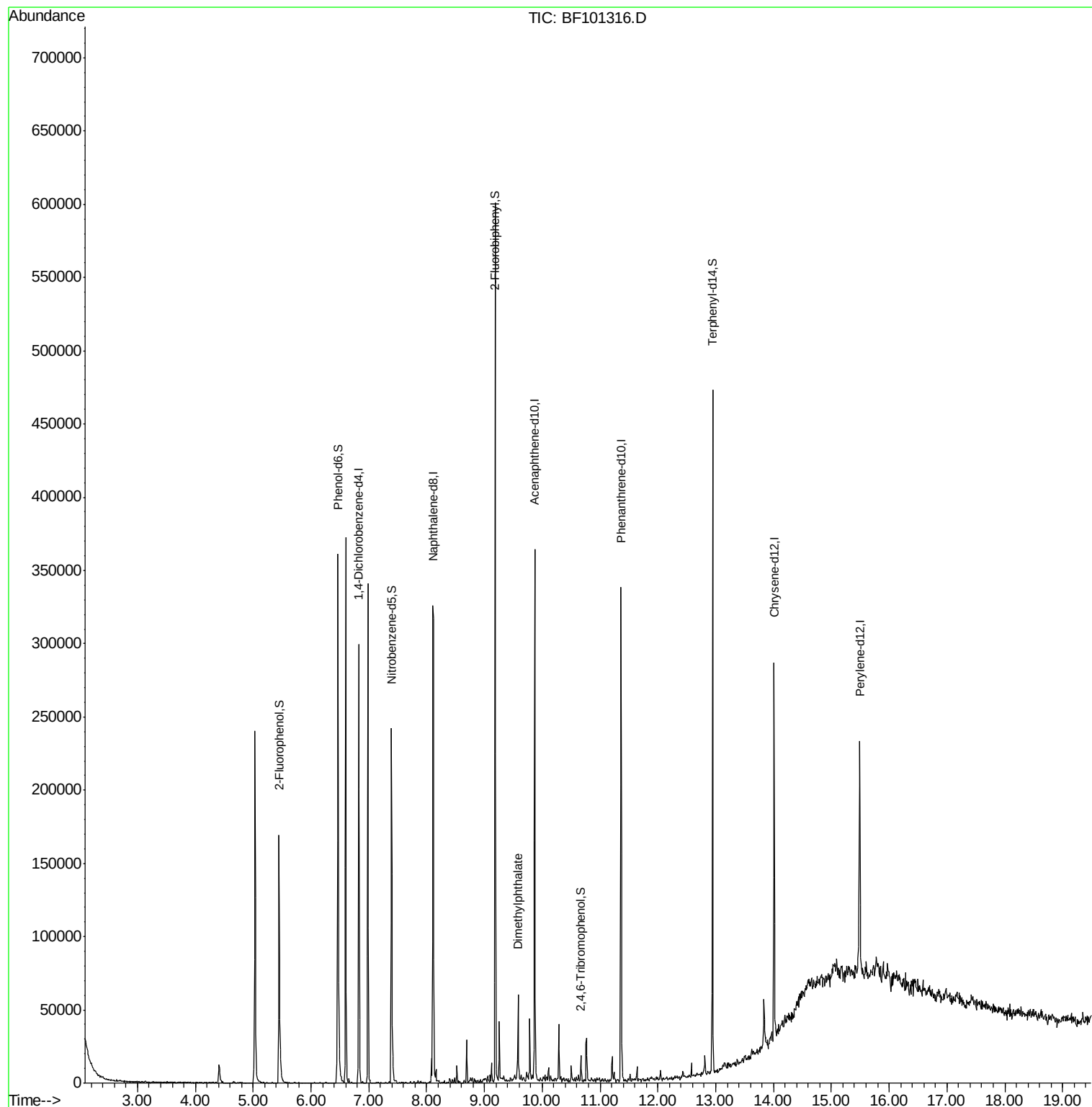
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	43227	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	162126	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	68362	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	113595	20.00	ng	0.00
75) Chrysene-d12	14.01	240	90425	20.00	ng	0.00
86) Perylene-d12	15.49	264	69974	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	63735	24.36	ng	0.01
7) Phenol-d6	6.46	99	126093	39.70	ng	0.00
23) Nitrobenzene-d5	7.39	82	71501	26.31	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	3207	3.91	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	173872	34.80	ng	0.00
78) Terphenyl-d14	12.94	244	143585	34.73	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.58	163	19549	3.546	ng	Qvalue 99

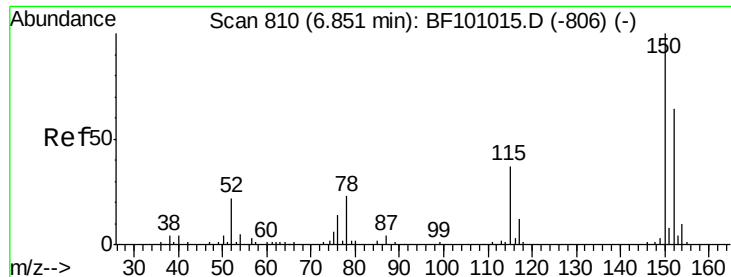
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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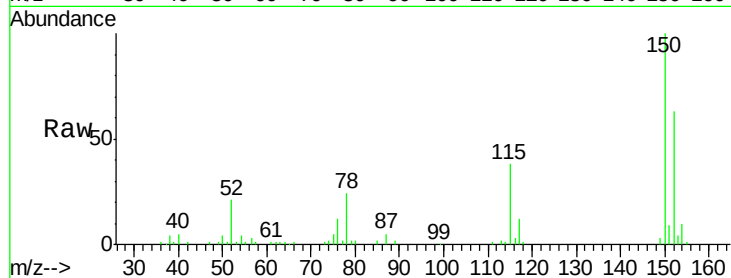


#1

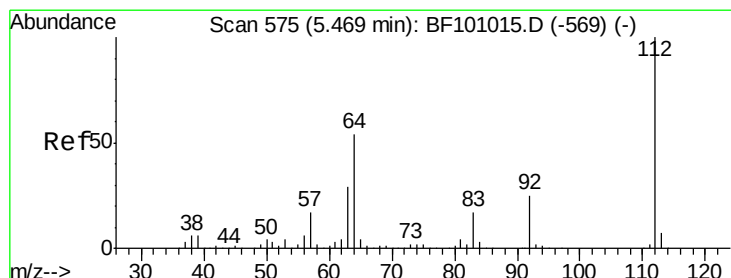
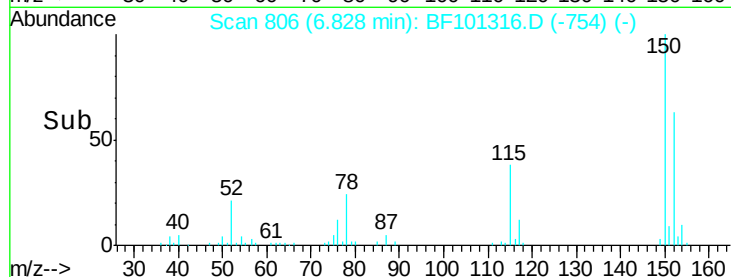
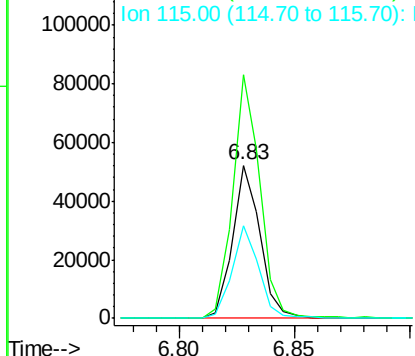
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101316.D
Acq: 12 Dec 2017 6:03

Instrument :
BNA_F
ClientSampleId :
MAP-1-E(7-8)

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	60.6	50.1	75.1



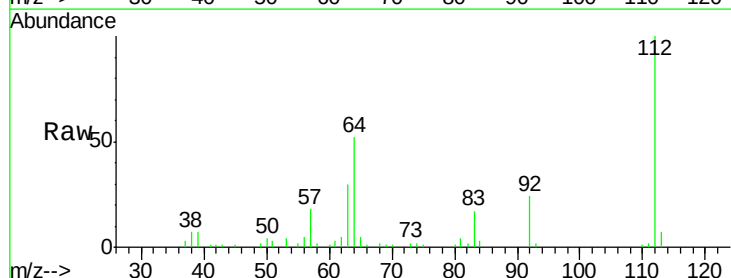
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



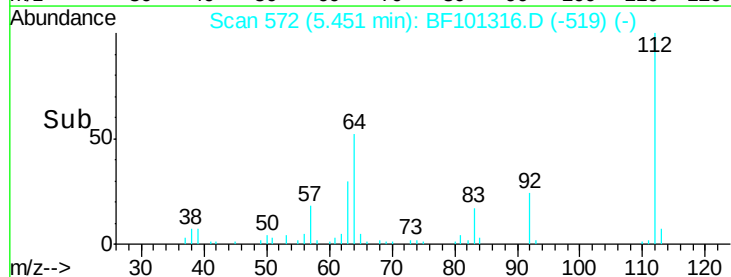
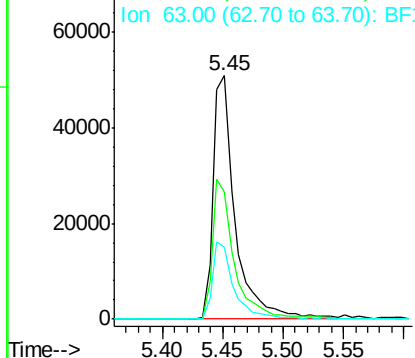
#5

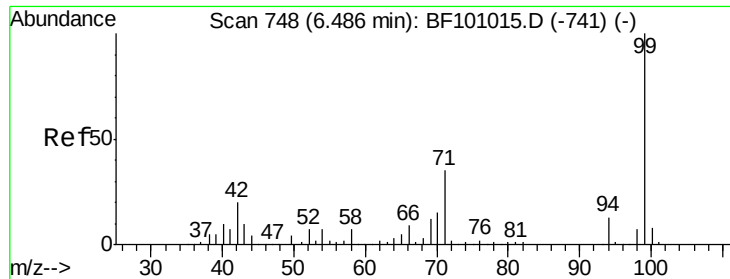
2-Fluorophenol
Concen: 24.364 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF101316.D
Acq: 12 Dec 2017 6:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.1	47.9	71.9
63	29.5	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: 39.702 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF101316.D

Acq: 12 Dec 2017 6:03

Instrument :

BNA_F

ClientSampleId :

MAP-1-E(7-8)

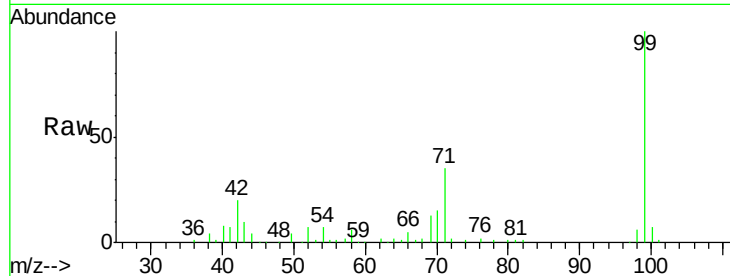
Tot Ion: 99 Resp: 126093

Ion Ratio Lower Upper

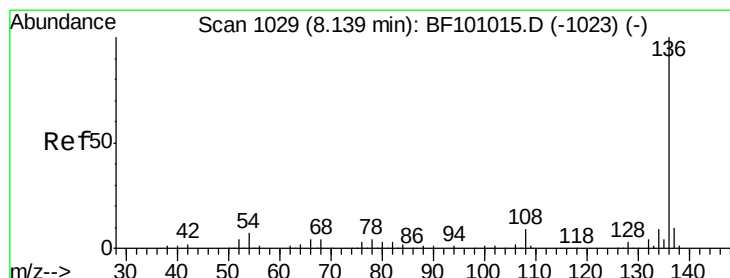
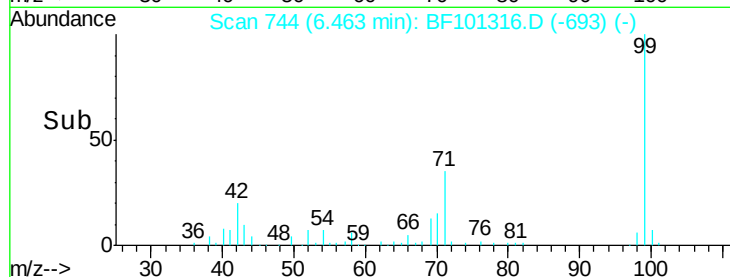
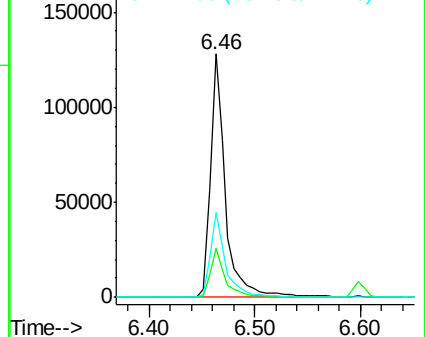
99 100

42 20.3 14.5 21.7

71 34.7 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: 8.12 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF101316.D

Acq: 12 Dec 2017 6:03

Tgt Ion: 136 Resp: 162126

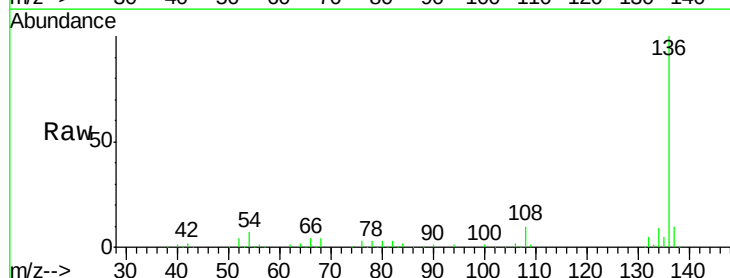
Ion Ratio Lower Upper

136 100

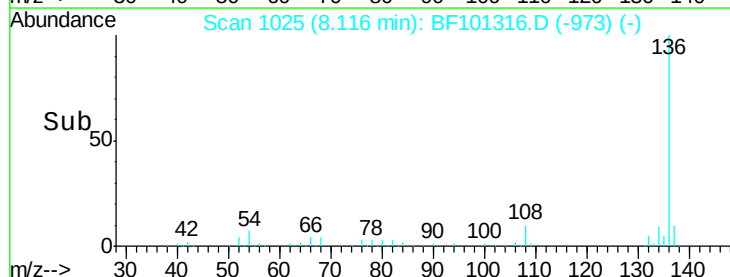
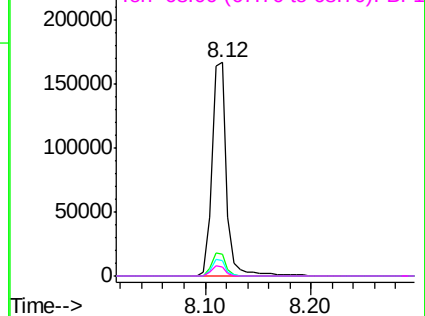
137 10.4 8.9 13.3

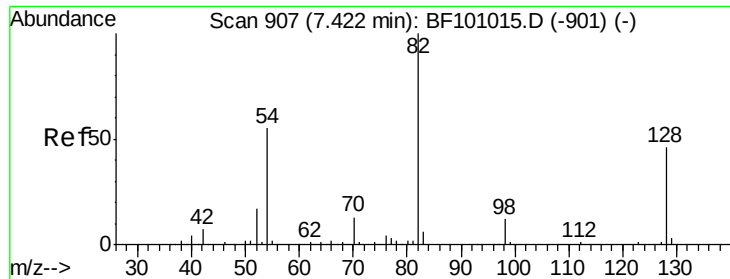
54 6.9 6.6 9.8

68 4.4 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

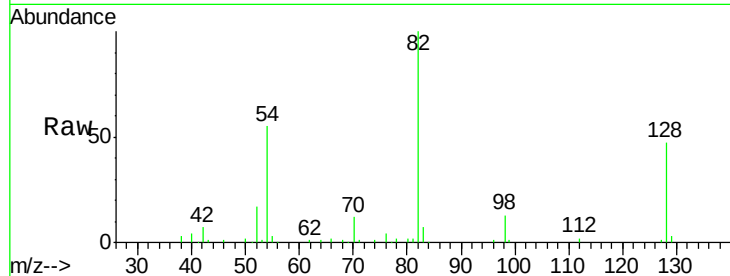




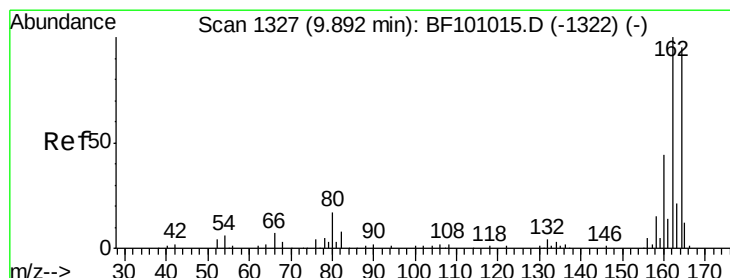
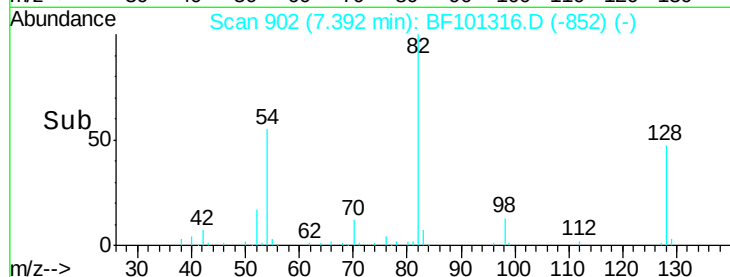
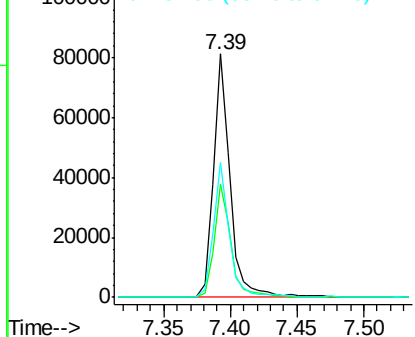
#23
 Nitrobenzene-d5
 Concen: 26.308 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF101316.D
 Acq: 12 Dec 2017 6:03

Instrument :
 BNA_F
 ClientSampleId :
 MAP-1-E(7-8)

Tot Ion: 82 Resp: 71501
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.1 54.1
 54 55.2 41.4 62.2

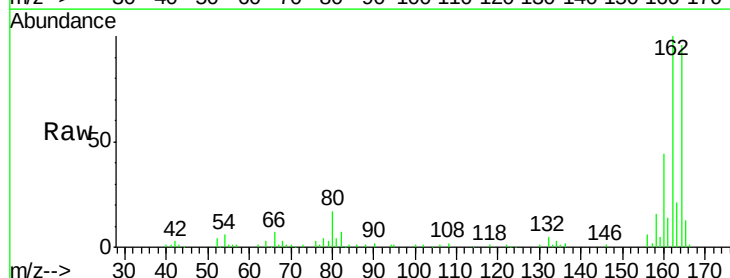


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

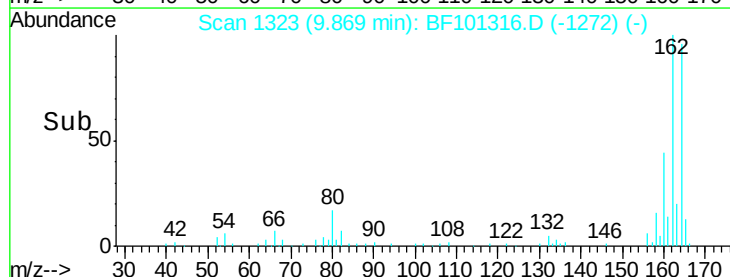
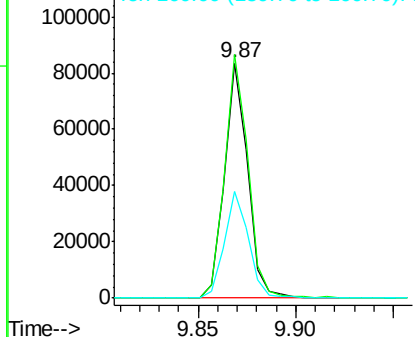


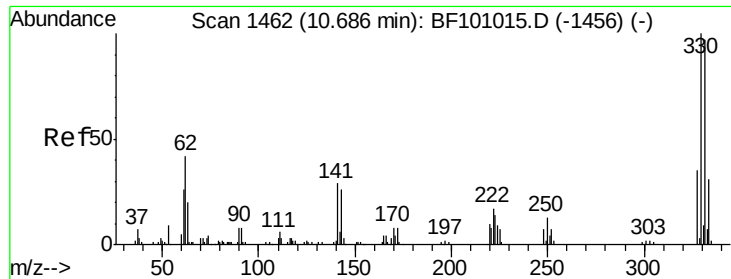
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BF101316.D
 Acq: 12 Dec 2017 6:03

Tgt Ion: 164 Resp: 68362
 Ion Ratio Lower Upper
 164 100
 162 103.6 86.1 129.1
 160 45.3 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

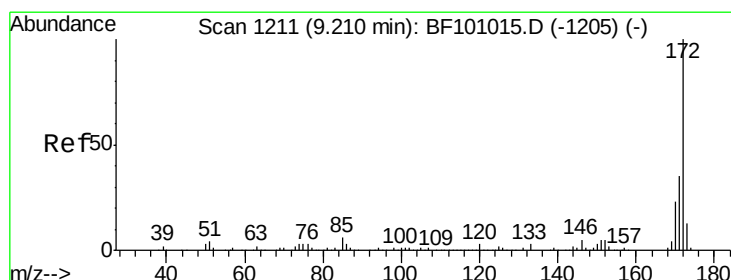
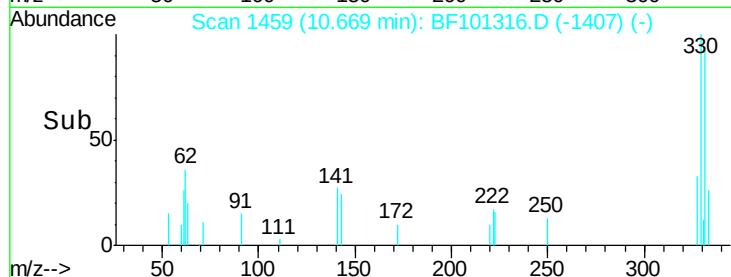
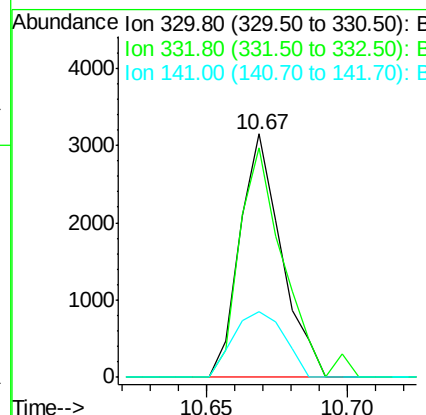
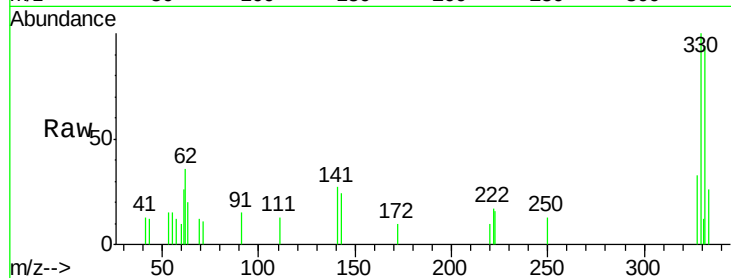




#41
 2,4,6-Tribromophenol
 Concen: 3.905 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.01 min
 Lab File: BF101316.D
 Acq: 12 Dec 2017 6:03

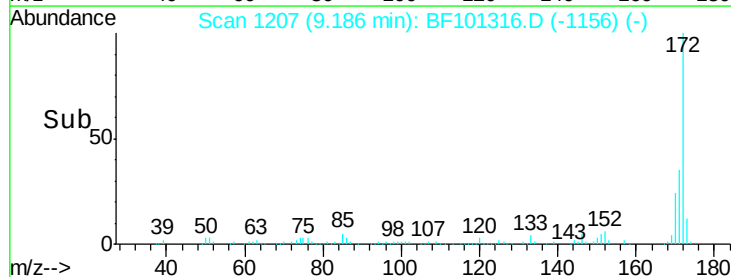
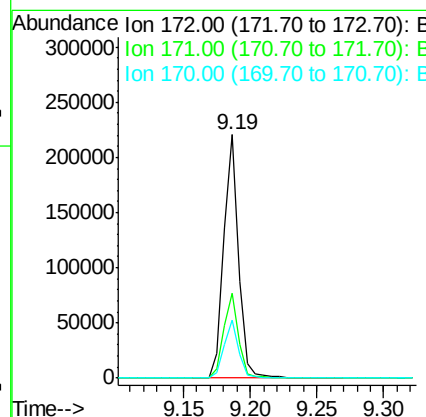
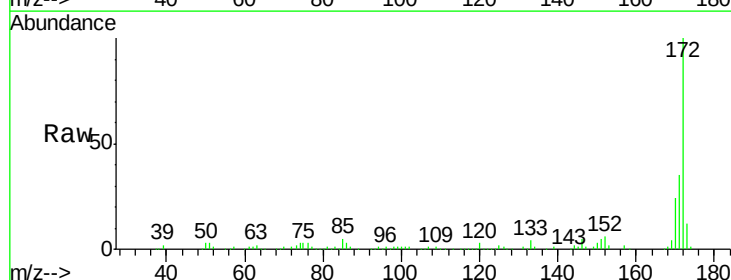
Instrument :
 BNA_F
 ClientSampleId :
 MAP-1-E(7-8)

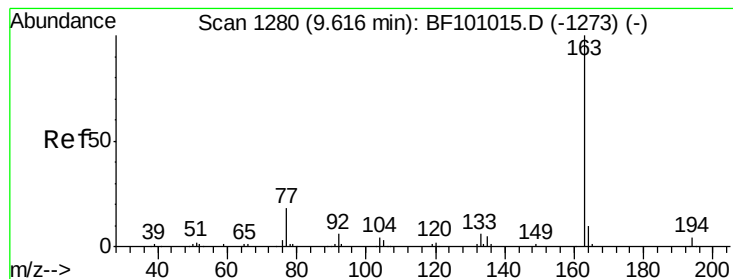
Tot Ion	Ratio	Lower	Upper
330	100		
332	101.2	77.0	115.6
141	33.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 34.799 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF101316.D
 Acq: 12 Dec 2017 6:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	23.9	19.6	29.4





#49

Dimethylphthalate

Concen: 3.546 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF101316.D

Acq: 12 Dec 2017 6:03

Instrument :

BNA_F

ClientSampleId :

MAP-1-E(7-8)

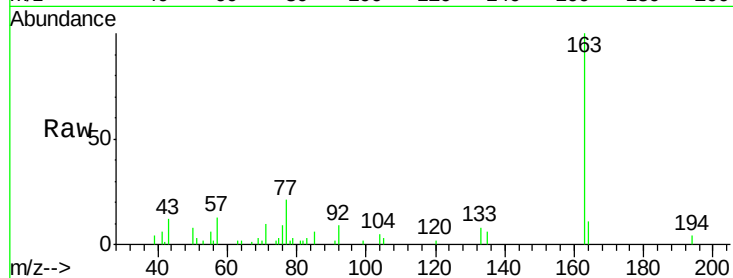
Tot Ion:163 Resp: 19549

Ion Ratio Lower Upper

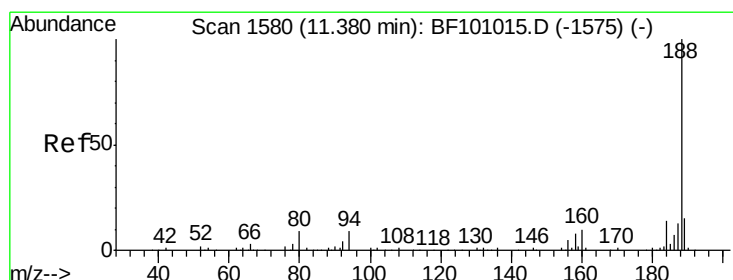
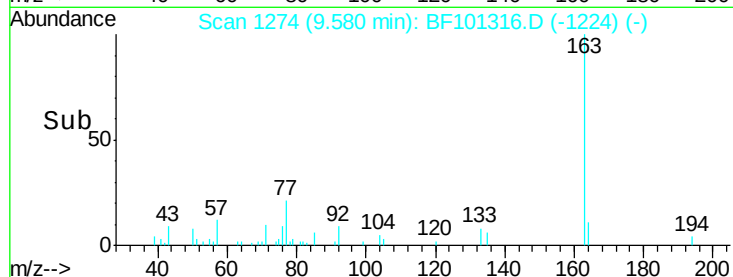
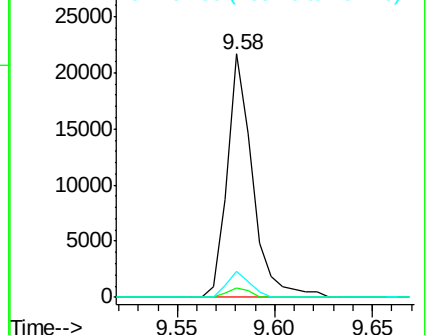
163 100

194 3.6 2.7 4.1

164 10.7 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: 11.36 min Scan# 1577

Delta R.T. 0.01 min

Lab File: BF101316.D

Acq: 12 Dec 2017 6:03

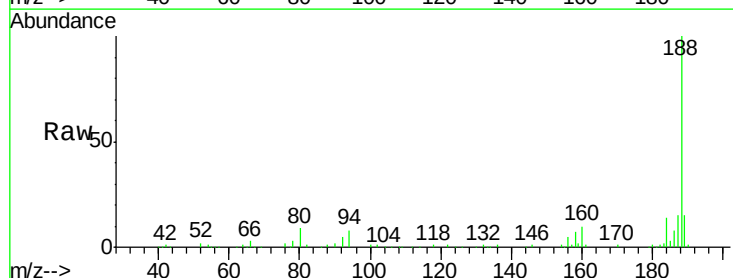
Tgt Ion:188 Resp: 113595

Ion Ratio Lower Upper

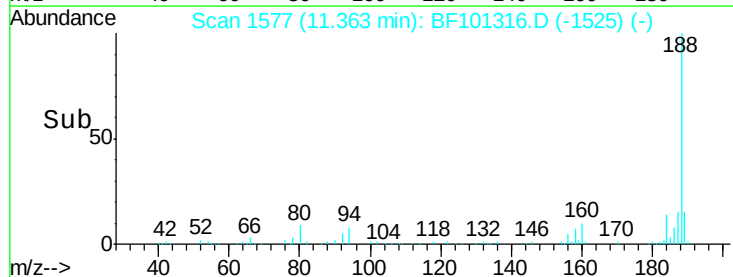
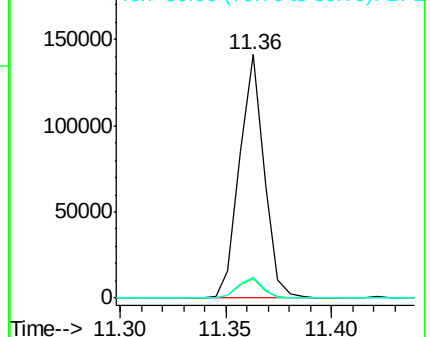
188 100

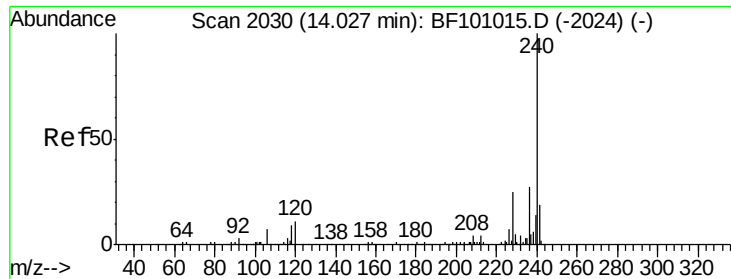
94 8.2 8.5 12.7#

80 8.7 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: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF101316.D

Acq: 12 Dec 2017 6:03

Instrument :

BNA_F

ClientSampleId :

MAP-1-E(7-8)

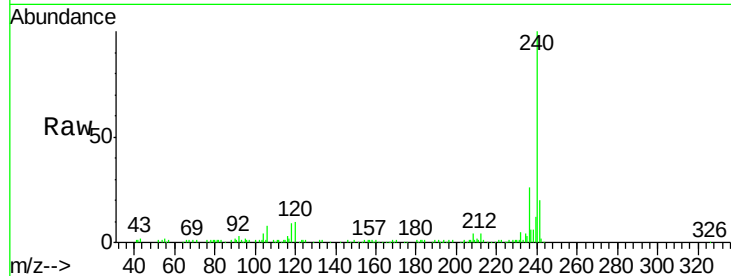
Tot Ion:240 Resp: 90425

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

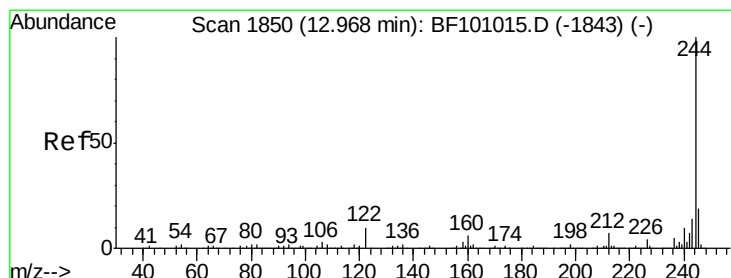
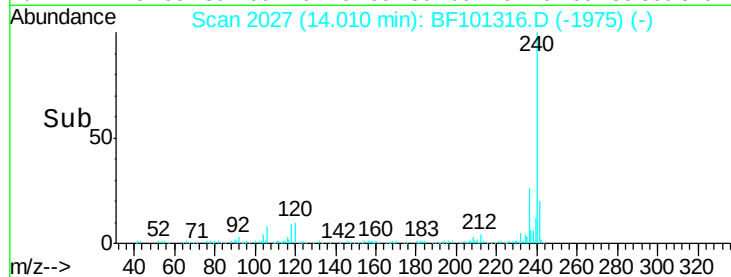
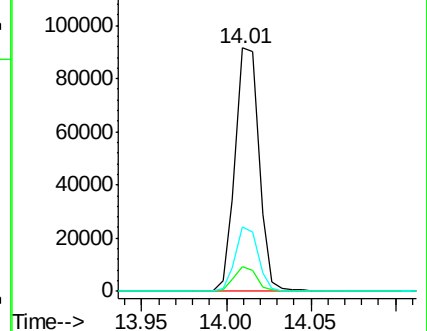
236 26.3 20.7 31.1



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: 34.731 ng

RT: 12.94 min Scan# 1846

Delta R.T. 0.01 min

Lab File: BF101316.D

Acq: 12 Dec 2017 6:03

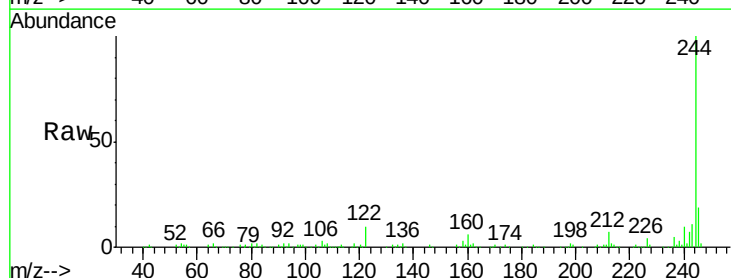
Tgt Ion:244 Resp: 143585

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

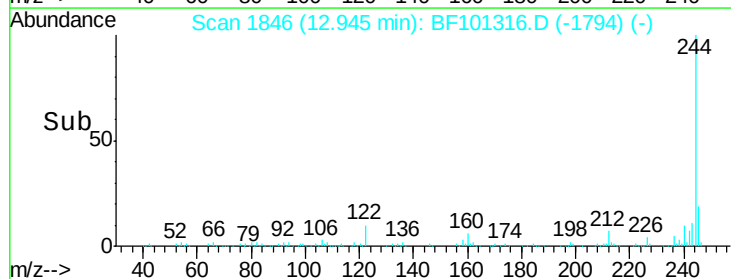
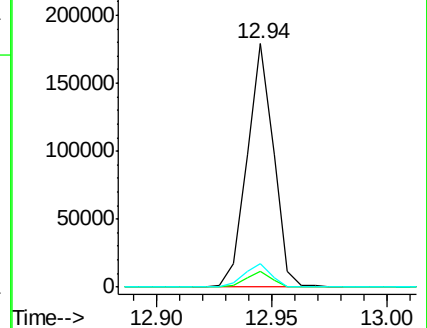
122 9.7 11.0 16.4#

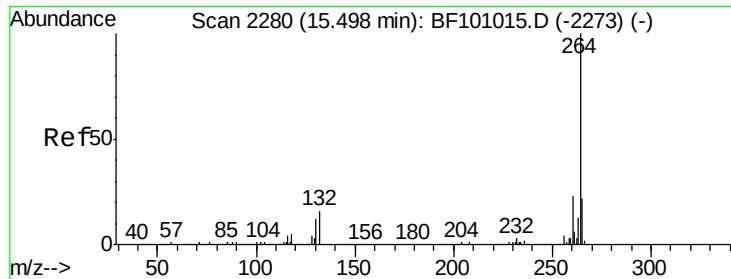


Abundance Ion 244.00 (243.70 to 244.70): E

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. 0.02 min
Lab File: BF101316.D
Acq: 12 Dec 2017 6:03

Instrument :
BNA_F
ClientSampleId :
MAP-1-E(7-8)

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	22.7	19.2	28.8	
265	22.4	17.5	26.3	

