

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101321.D
 Acq On : 12 Dec 2017 8:17
 Operator : SJ/JU
 Sample : I6766-03
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WQ-3

Quant Time: Dec 12 10:06:44 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

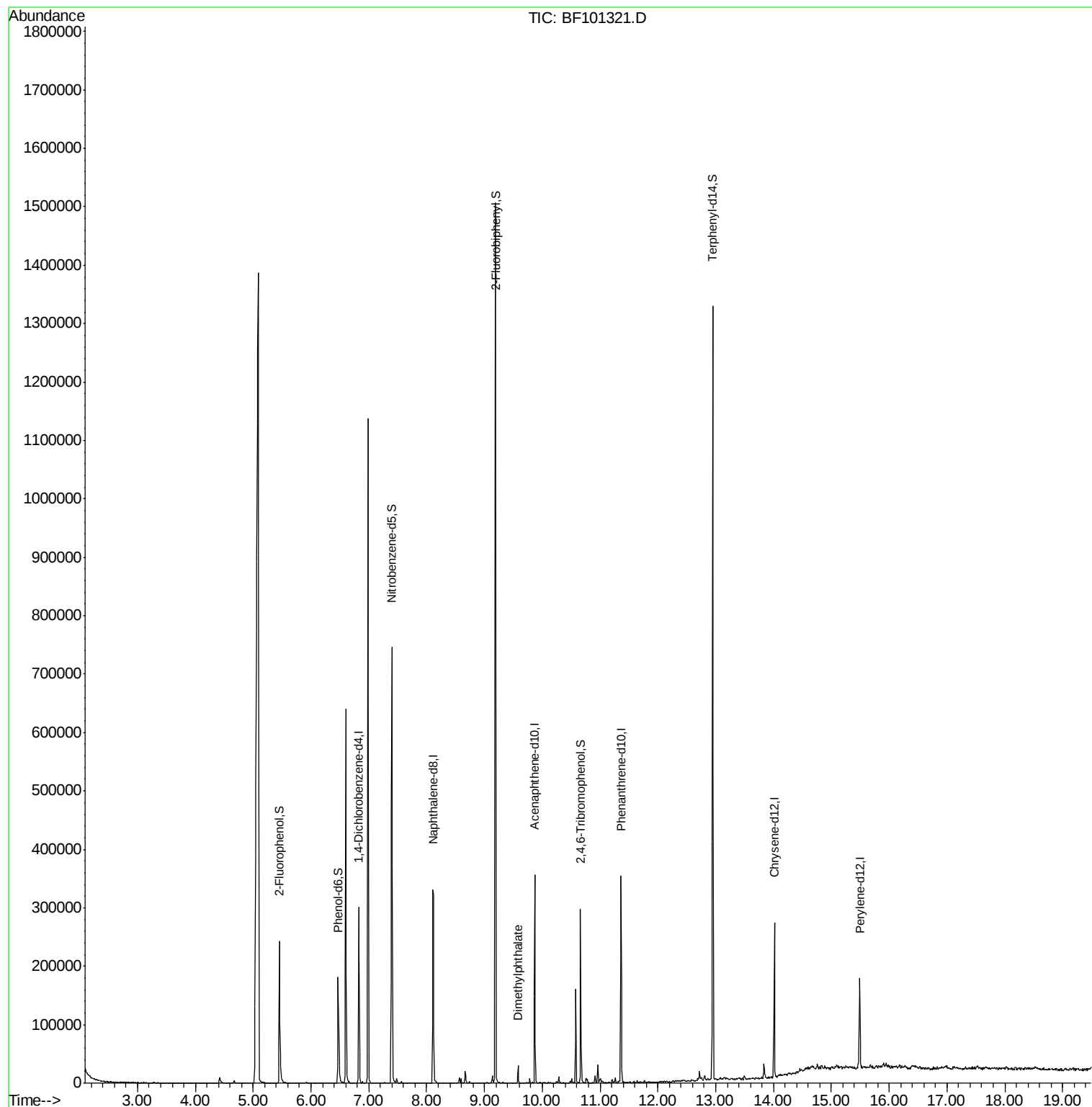
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	44464	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	166863	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	70636	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	121752	20.00	ng	0.00
75) Chrysene-d12	14.02	240	96345	20.00	ng	0.01
86) Perylene-d12	15.49	264	72161	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	84285	31.32	ng	0.01
7) Phenol-d6	6.47	99	64275	19.67	ng	0.00
23) Nitrobenzene-d5	7.40	82	225207	80.51	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	38816	45.74	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	520080	100.74	ng	0.00
78) Terphenyl-d14	12.95	244	406809	92.36	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.58	163	12607	2.213	ng	Qvalue 98

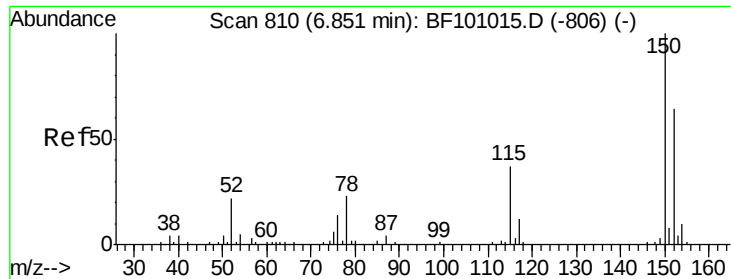
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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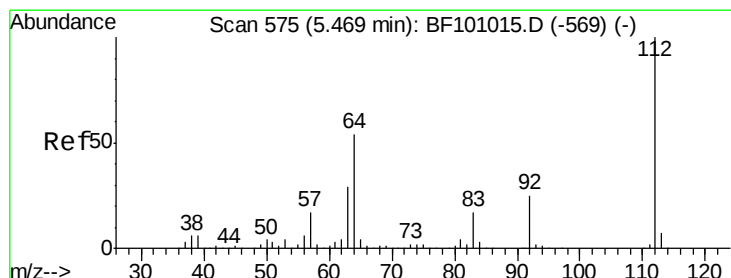
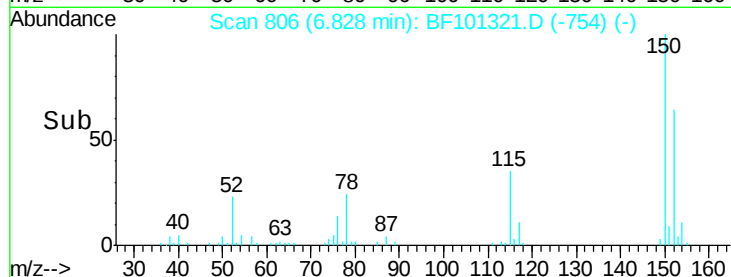
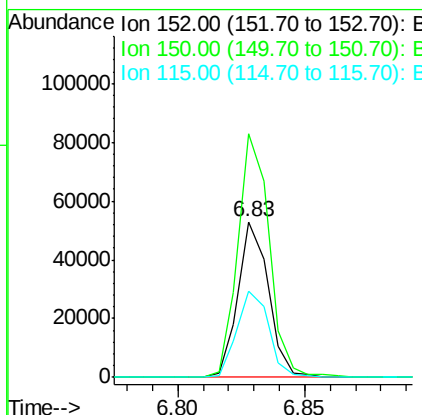
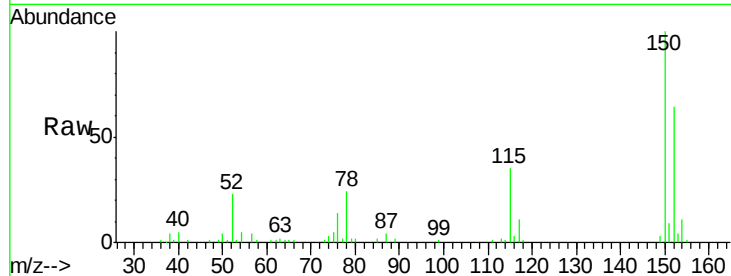


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: BF101321.D
 Acq: 12 Dec 2017 8:17

Instrument :
 BNA_F
 ClientSampled :
 WQ-3

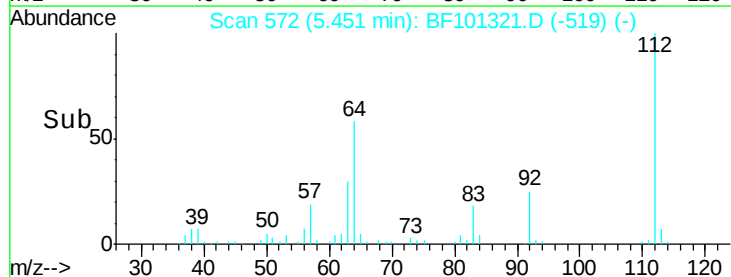
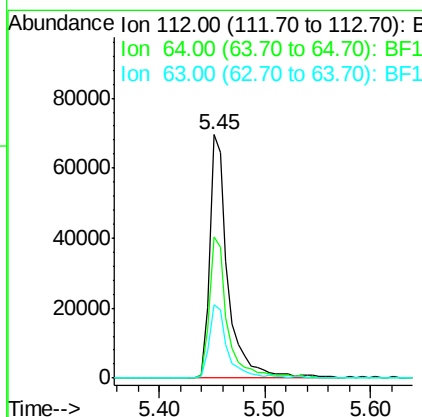
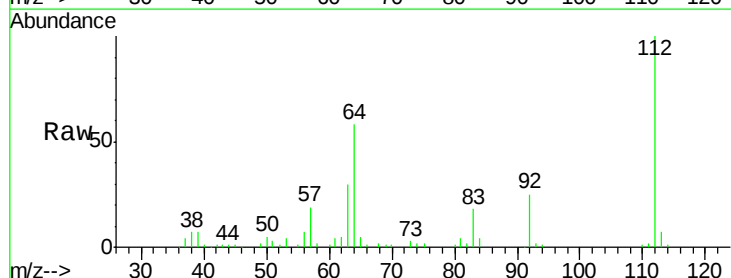
Tot Ion:152 Resp: 44464
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.6 186.8
 115 55.0 50.1 75.1



#5

2-Fluorophenol
 Concen: 31.323 ng
 RT: 5.45 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: BF101321.D
 Acq: 12 Dec 2017 8:17

Tgt Ion:112 Resp: 84285
 Ion Ratio Lower Upper
 112 100
 64 58.1 47.9 71.9
 63 30.4 23.7 35.5





#7

Phenol-d6

Concen: 19.675 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101321.D

Acq: 12 Dec 2017 8:17

Instrument :

BNA_F

ClientSampleId :

WQ-3

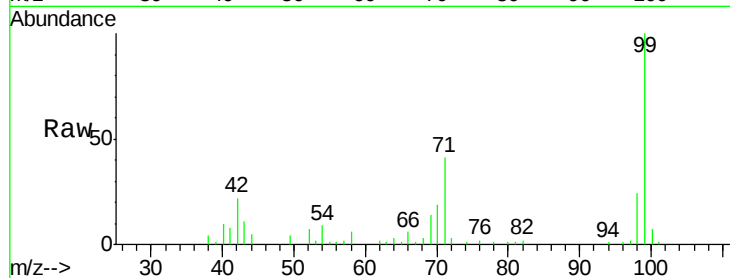
Tot Ion: 99 Resp: 64275

Ion Ratio Lower Upper

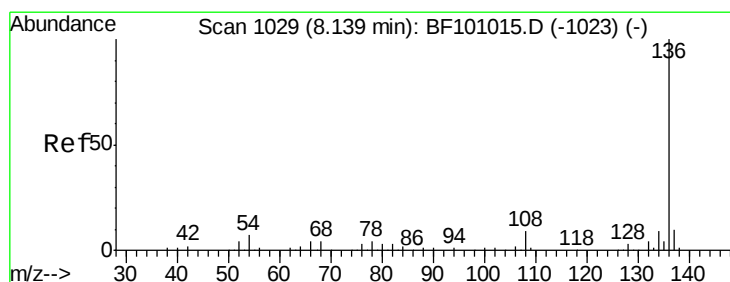
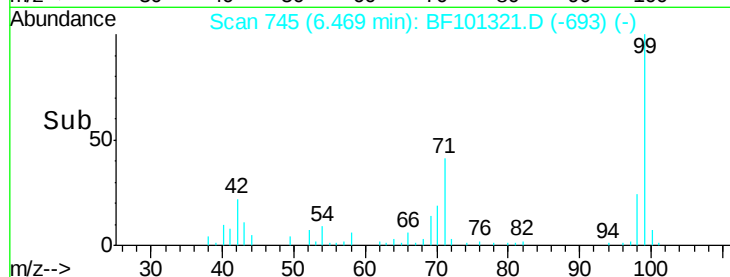
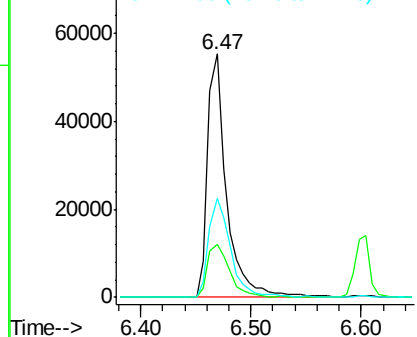
99 100

42 21.5 14.5 21.7

71 40.6 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: 8.12 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF101321.D

Acq: 12 Dec 2017 8:17

Tgt Ion: 136 Resp: 166863

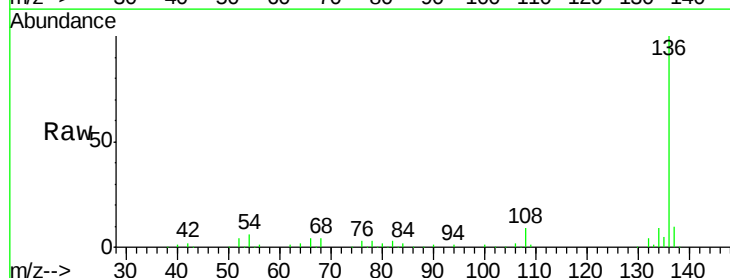
Ion Ratio Lower Upper

136 100

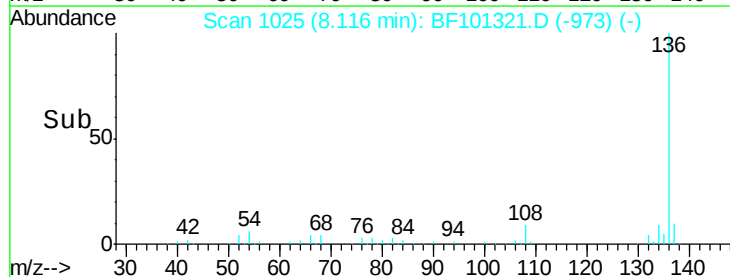
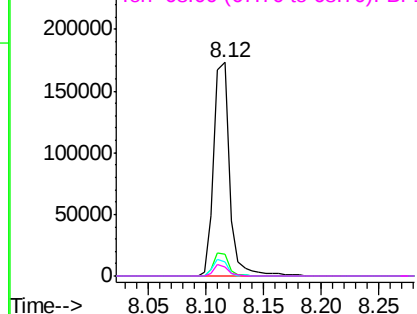
137 10.2 8.9 13.3

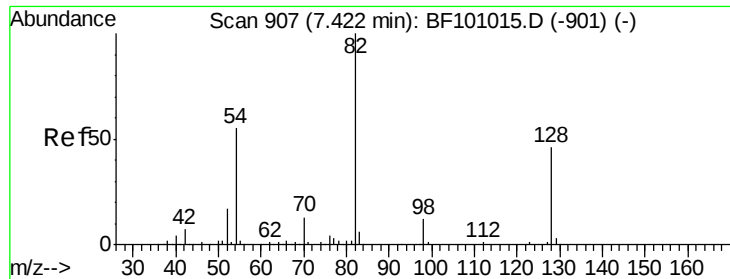
54 6.3 6.6 9.8#

68 4.5 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

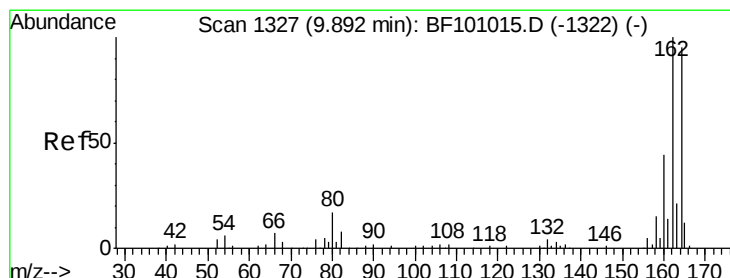
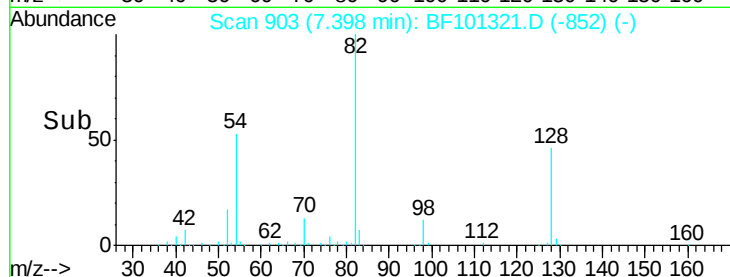
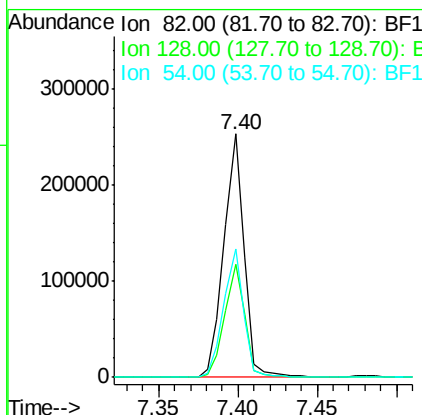
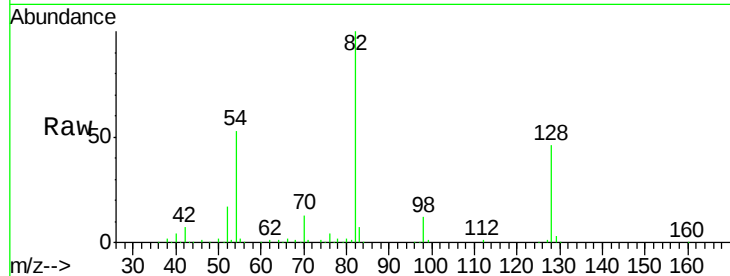




#23
 Nitrobenzene-d5
 Concen: 80.511 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF101321.D
 Acq: 12 Dec 2017 8:17

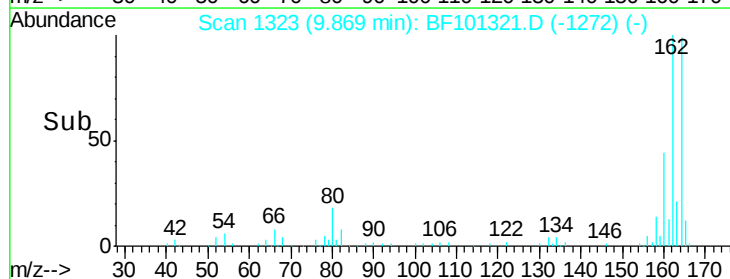
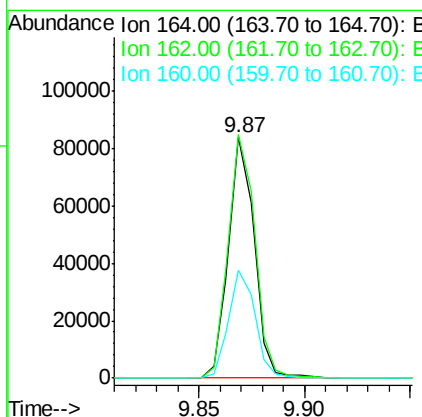
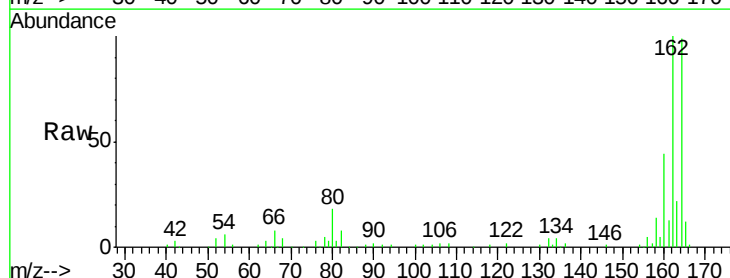
Instrument :
 BNA_F
 ClientSampleId :
 WQ-3

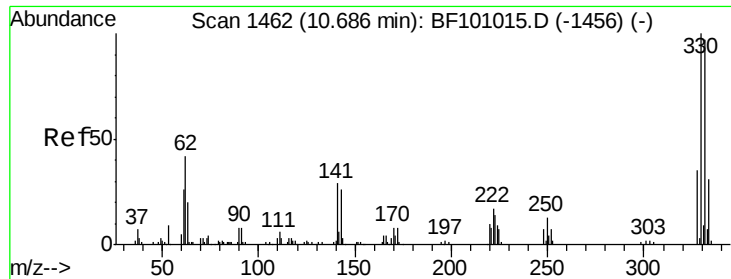
Tot Ion	82	Resp	225207
Ion Ratio	100	Lower	Upper
128	46.3	36.1	54.1
54	52.7	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: BF101321.D
 Acq: 12 Dec 2017 8:17

Tgt Ion	164	Resp	70636
Ion Ratio	100	Lower	Upper
162	101.2	86.1	129.1
160	44.7	38.3	57.5

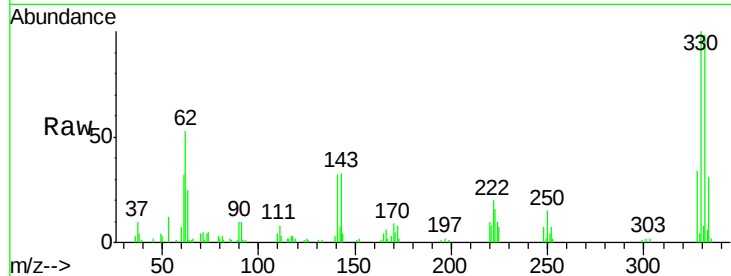




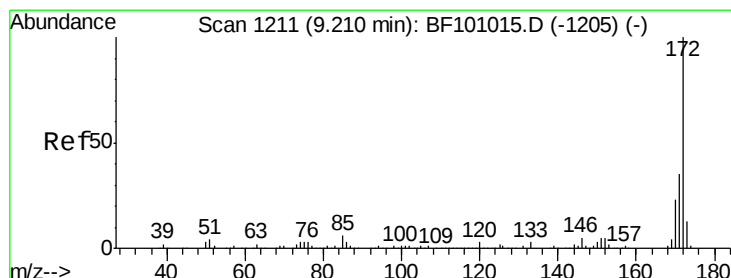
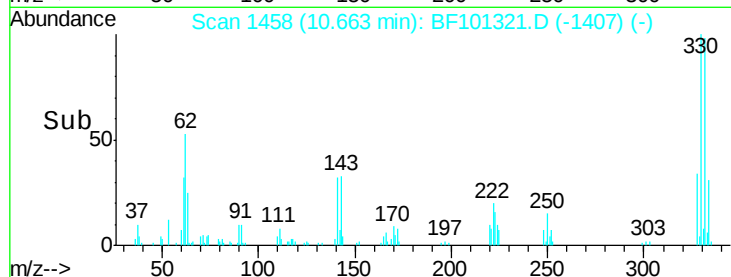
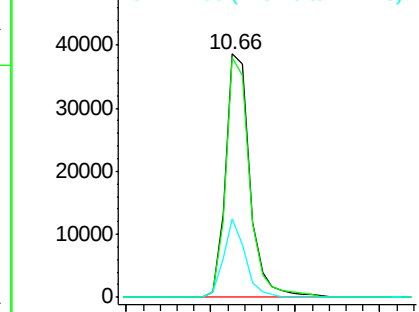
#41
 2,4,6-Tribromophenol
 Concen: 45.744 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BF101321.D
 Acq: 12 Dec 2017 8:17

Instrument :
 BNA_F
 ClientSampleId :
 WQ-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	28.6	29.9	44.9#

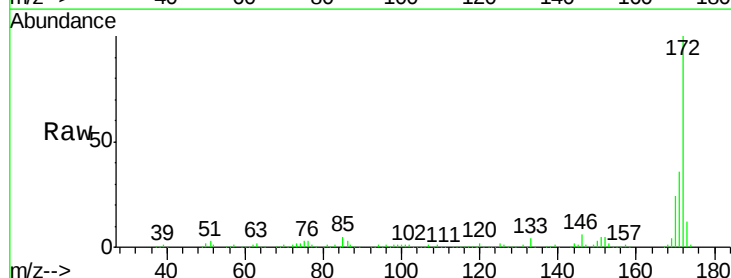


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

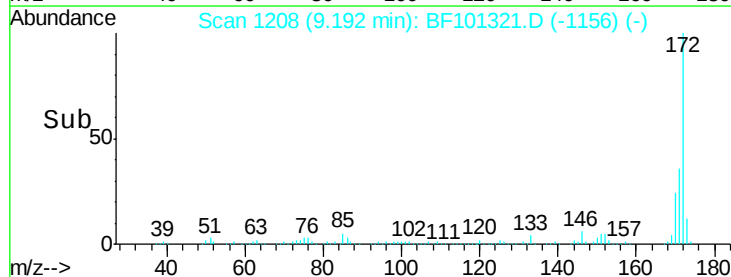
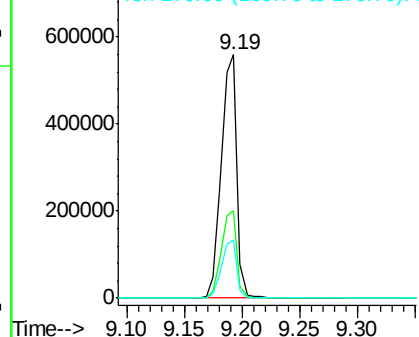


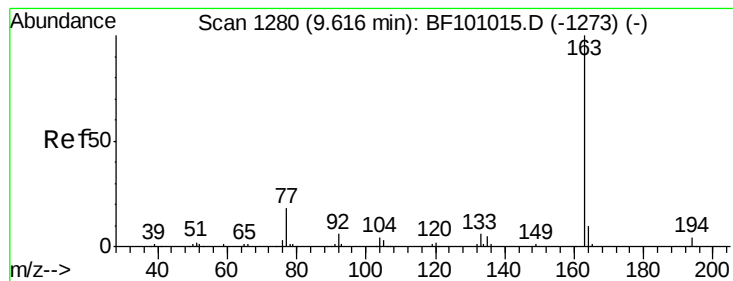
#44
 2-Fluorobiphenyl
 Concen: 100.738 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF101321.D
 Acq: 12 Dec 2017 8:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.6	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: 2.213 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF101321.D

Acq: 12 Dec 2017 8:17

Instrument :

BNA_F

ClientSampleId :

WQ-3

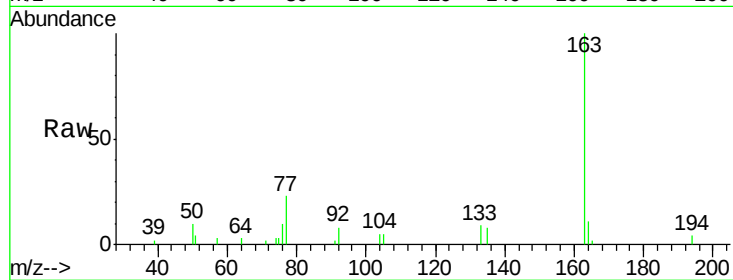
Tot Ion:163 Resp: 12607

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

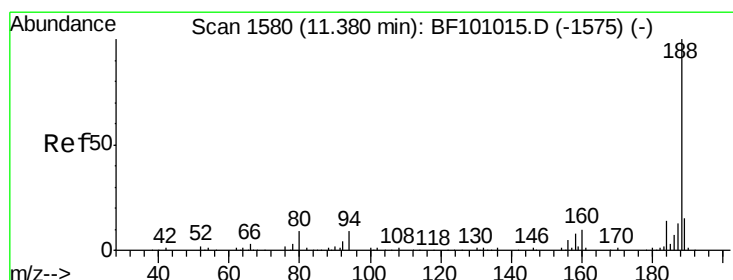
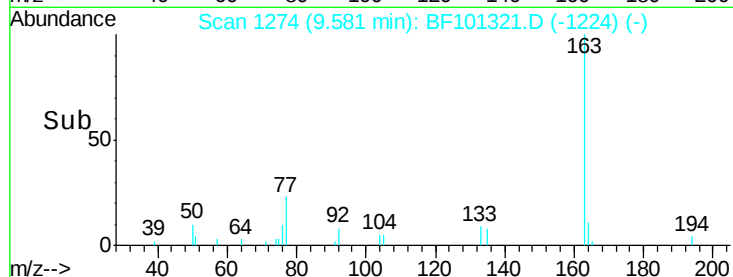
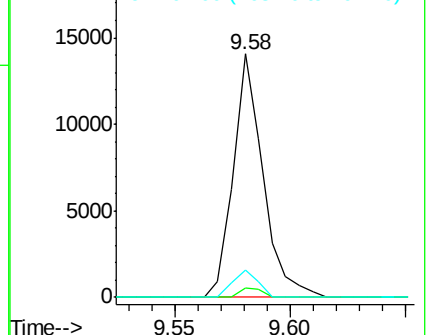
164 11.2 8.2 12.2



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: BF101321.D

Acq: 12 Dec 2017 8:17

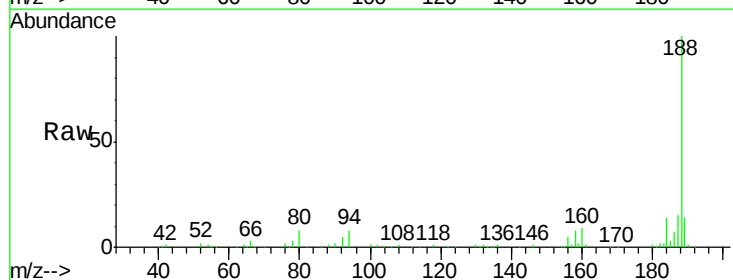
Tgt Ion:188 Resp: 121752

Ion Ratio Lower Upper

188 100

94 7.7 8.5 12.7#

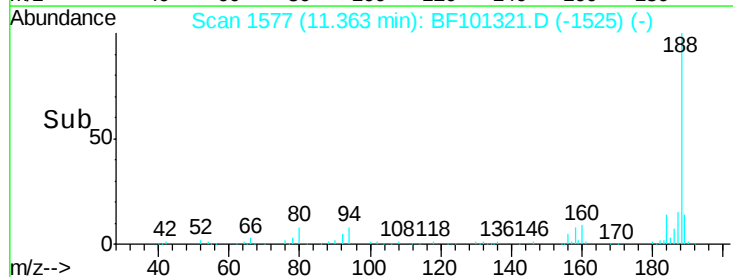
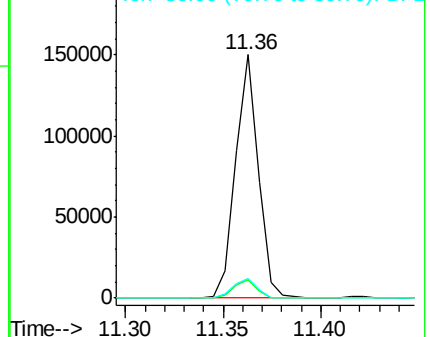
80 8.2 9.2 13.8#

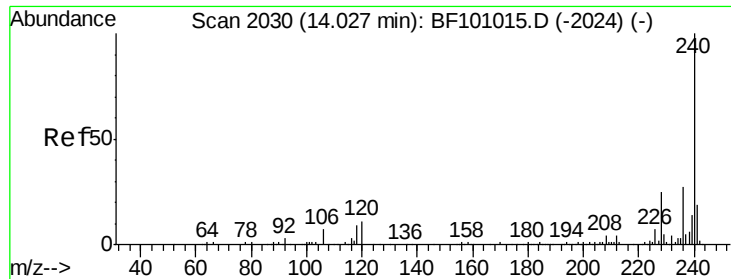


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF101321.D

Acq: 12 Dec 2017 8:17

Instrument :

BNA_F

ClientSampled :

WQ-3

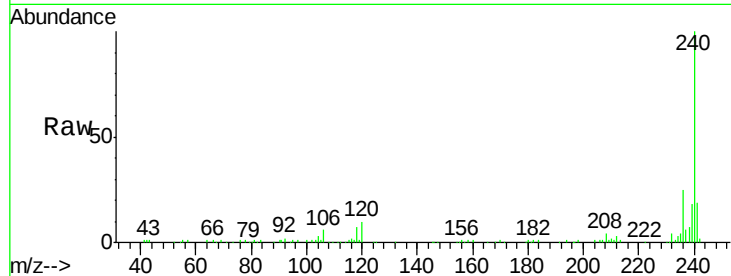
Tot Ion:240 Resp: 96345

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

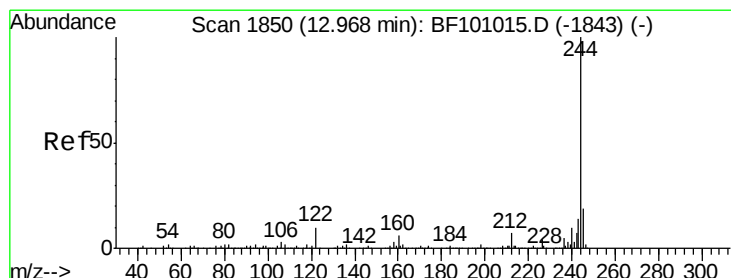
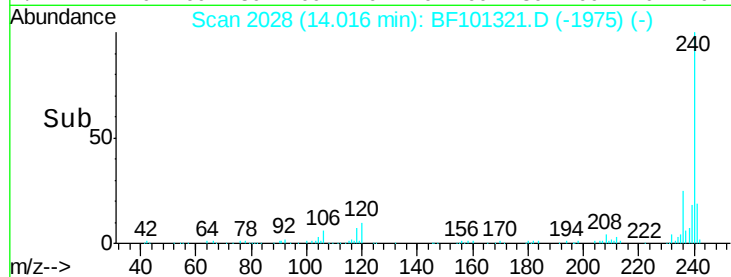
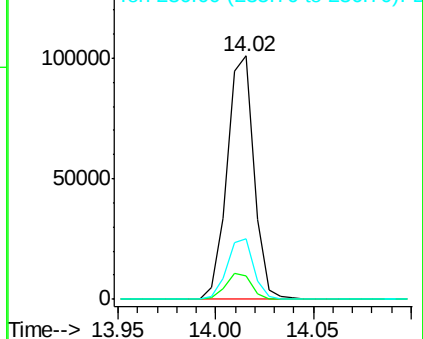
236 24.9 20.7 31.1



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: 92.355 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.01 min

Lab File: BF101321.D

Acq: 12 Dec 2017 8:17

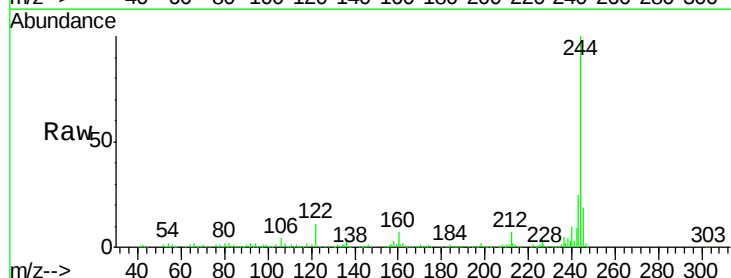
Tgt Ion:244 Resp: 406809

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

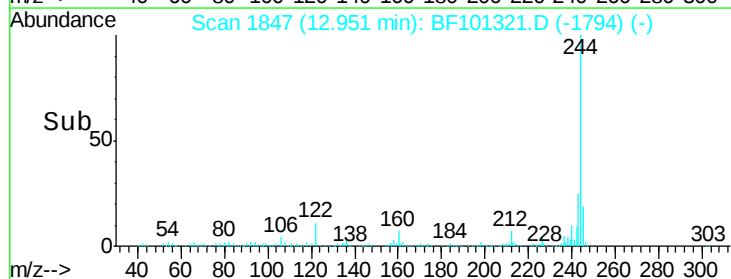
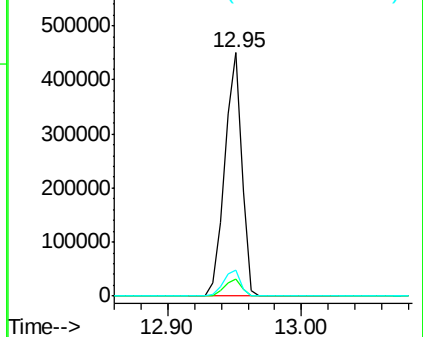
122 10.6 11.0 16.4#

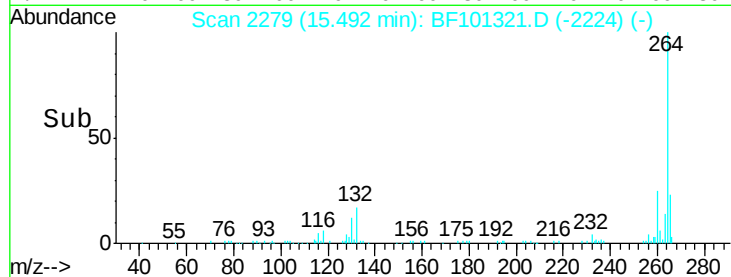
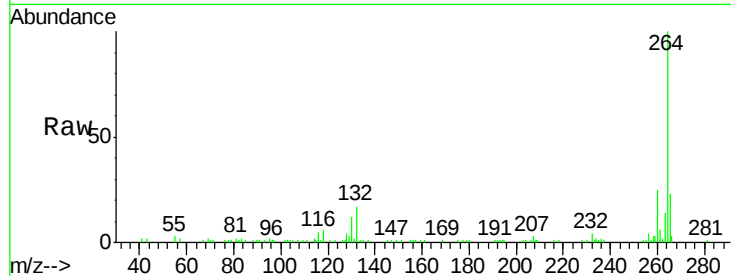
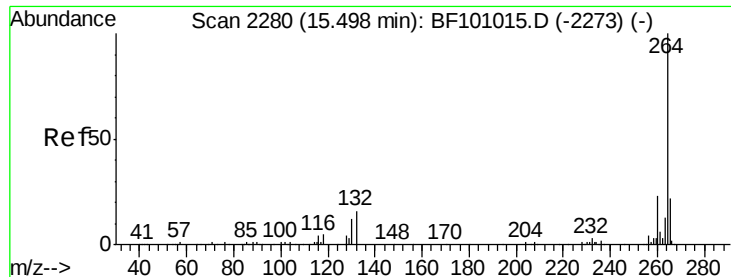


Abundance Ion 244.00 (243.70 to 244.70): E

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. 0.02 min
 Lab File: BF101321.D
 Acq: 12 Dec 2017 8:17

Instrument :
 BNA_F
 ClientSampleId :
 WQ-3

Tot Ion:	264	Resp:	72161
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.2	28.8
265	22.5	17.5	26.3

