

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121317\
 Data File : BF101381.D
 Acq On : 13 Dec 2017 23:22
 Operator : SJ/JU
 Sample : I6816-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 120717-TIDO-F-D-S

Quant Time: Dec 14 02:23:33 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	6.82	152	166541	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	679939	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	305714	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	570104	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	382230	20.00	ng	0.00
86) Perylene-d12	15.47	264	307868	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	442576	43.91	ng	0.00
7) Phenol-d6	6.45	99	348381	28.47	ng	-0.01
23) Nitrobenzene-d5	7.39	82	941941	82.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	196635	53.54	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1551605	69.44	ng	-0.01
78) Terphenyl-d14	12.93	244	1377029	78.80	ng	0.00

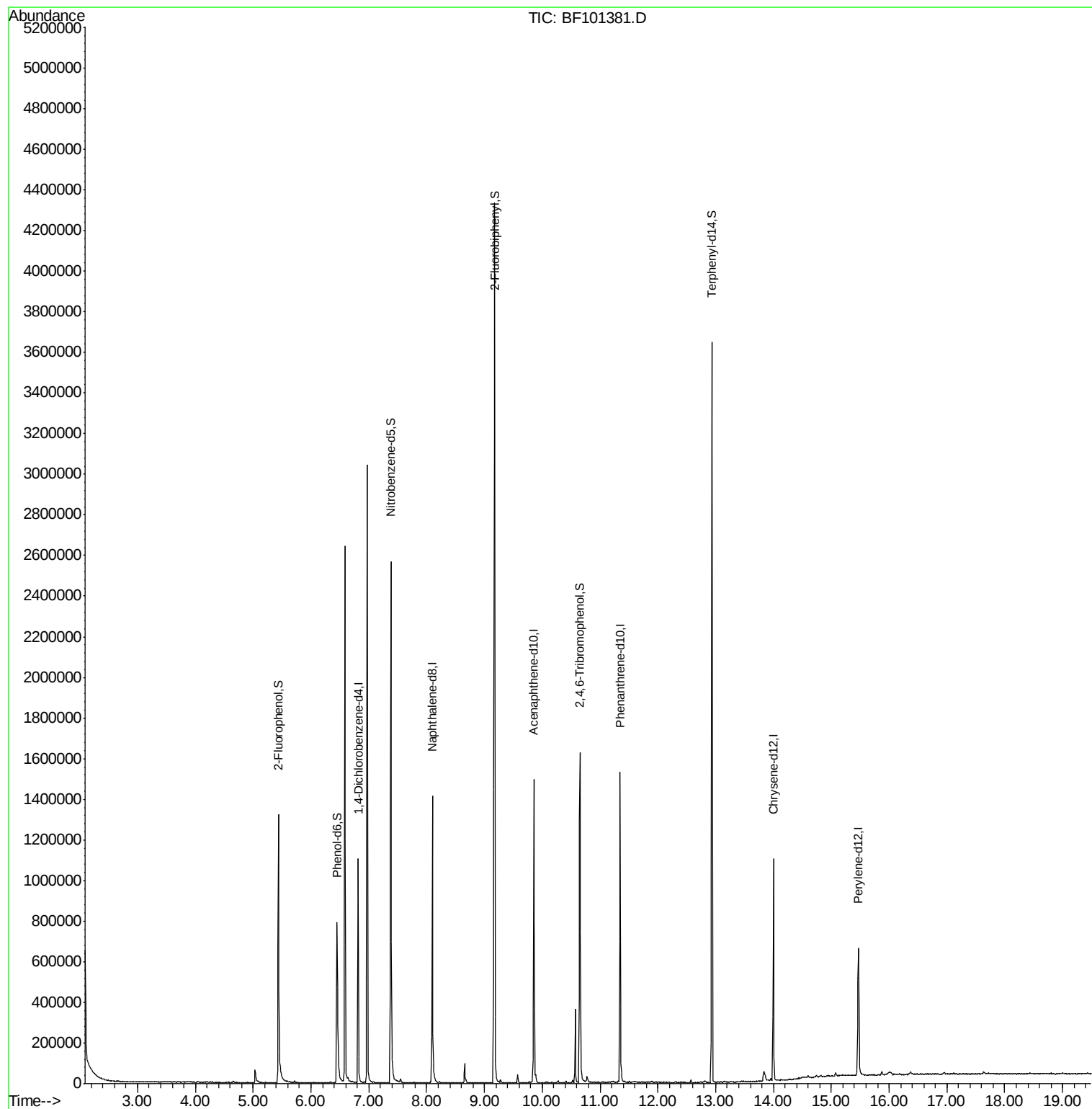
Target Compounds Qvalue

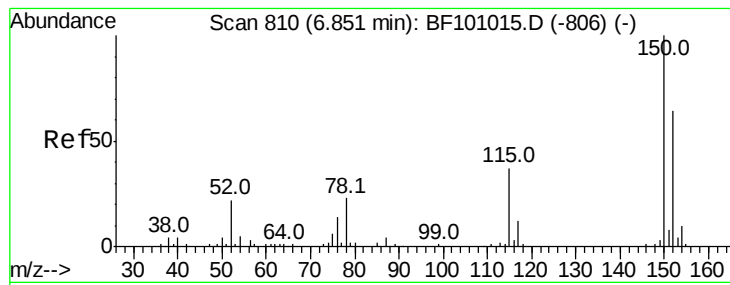
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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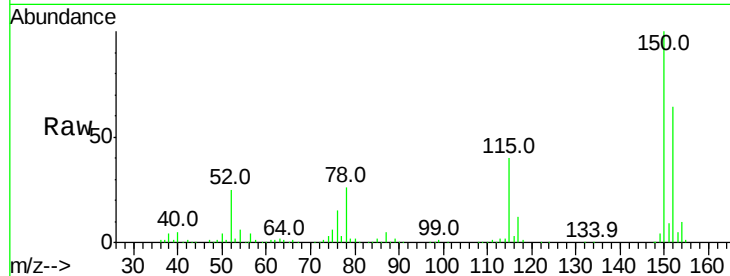


#1

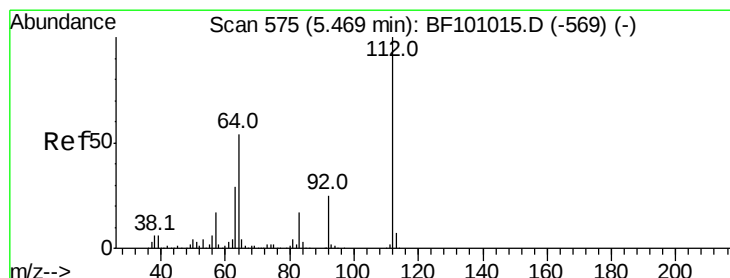
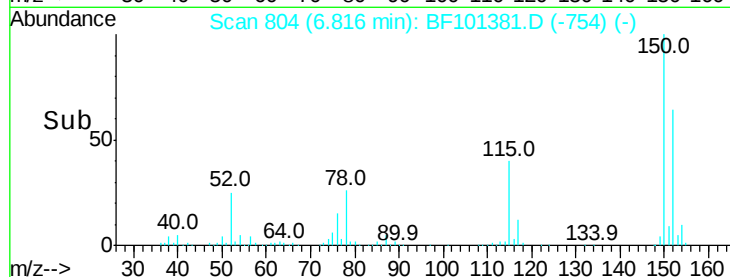
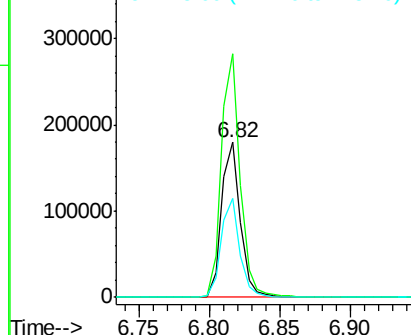
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF101381.D
Acq: 13 Dec 2017 23:22

Instrument :
BNA_F
ClientSampleId :
120717-TIDO-F-D-S

Tot Ion:152 Resp: 166541
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 63.4 50.1 75.1



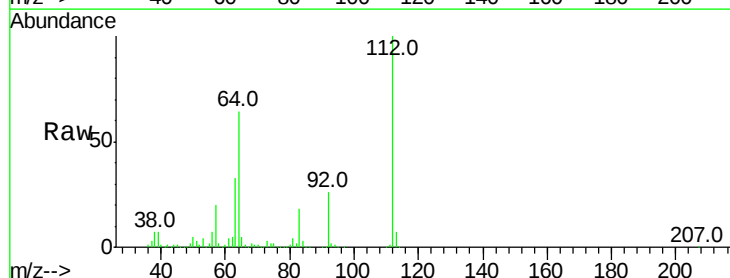
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



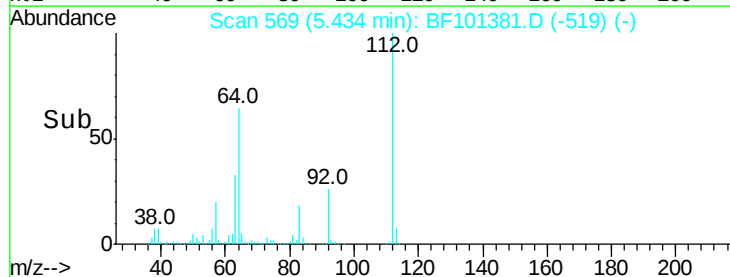
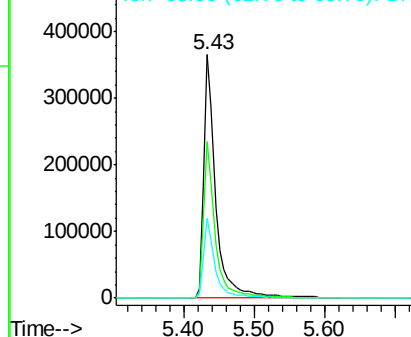
#5

2-Fluorophenol
Concen: 43.913 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF101381.D
Acq: 13 Dec 2017 23:22

Tgt Ion:112 Resp: 442576
Ion Ratio Lower Upper
112 100
64 64.5 47.9 71.9
63 32.6 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: 28.471 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF101381.D

Acq: 13 Dec 2017 23:22

Instrument :

BNA_F

ClientSampleId :

120717-TIDO-F-D-S

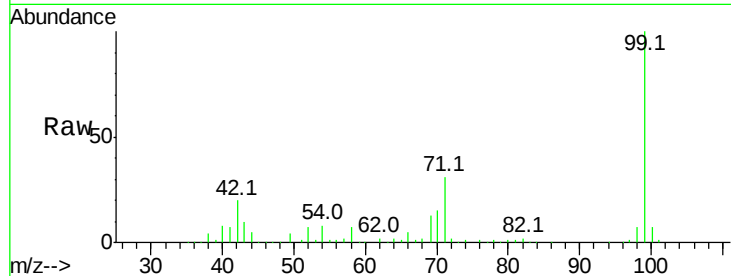
Tot Ion: 99 Resp: 348381

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

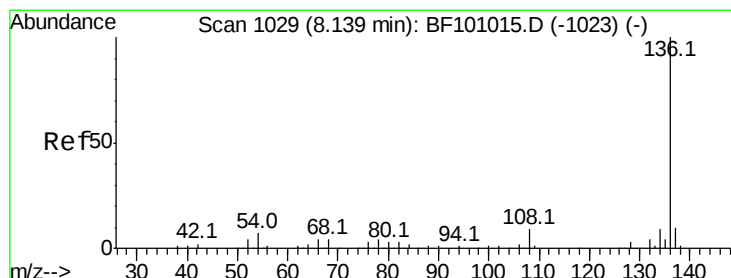
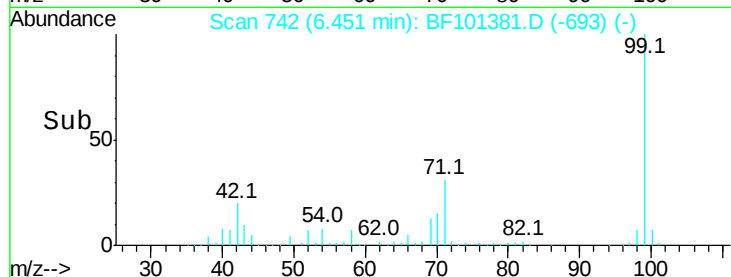
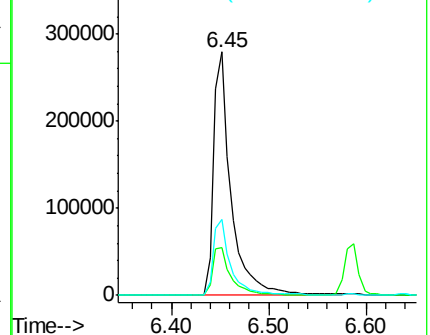
71 31.4 25.4 38.0



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: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF101381.D

Acq: 13 Dec 2017 23:22

Tgt Ion: 136 Resp: 679939

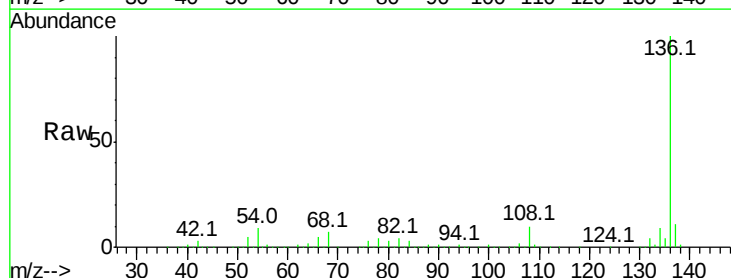
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.2 6.6 9.8

68 6.7 5.0 7.4

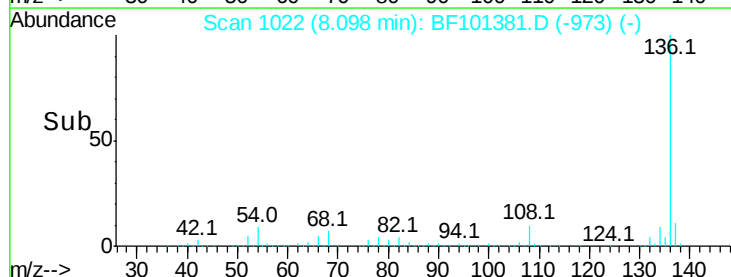
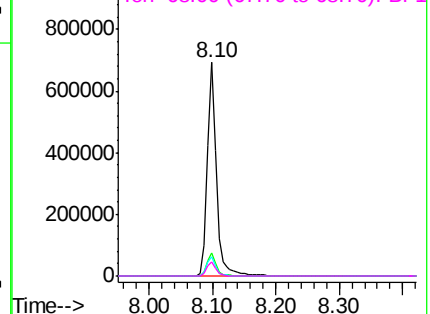


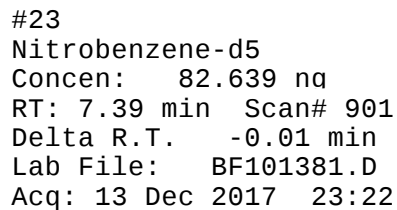
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

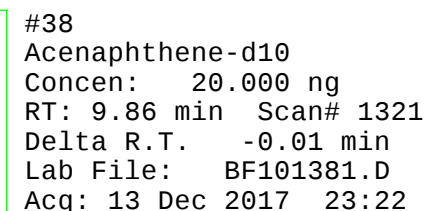
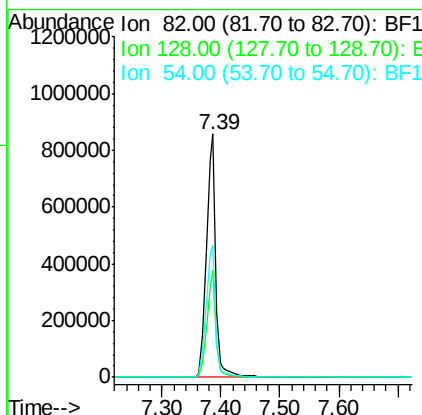
Ion 68.00 (67.70 to 68.70): BF1



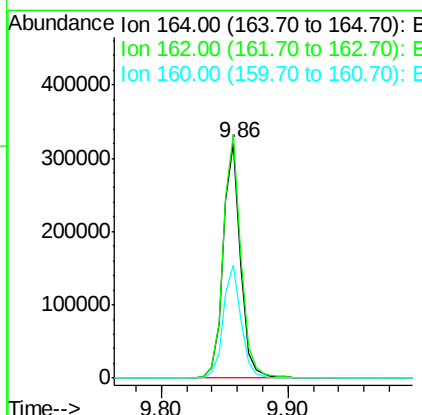


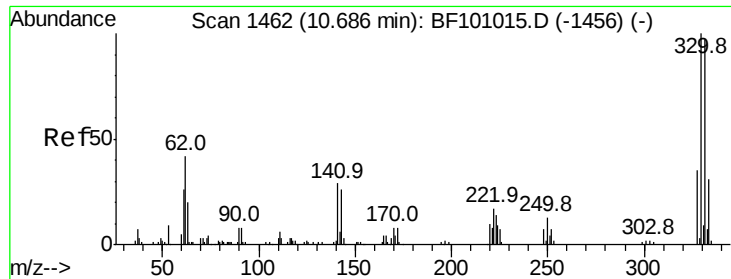
Instrument :
BNA_F
ClientSampleId :
120717-TIDO-F-D-S

Tot	Ion: 82	Resp:	941941
Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	54.3	41.4	62.2



Tgt	Ion:164	Resp:	305714
Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	48.2	38.3	57.5

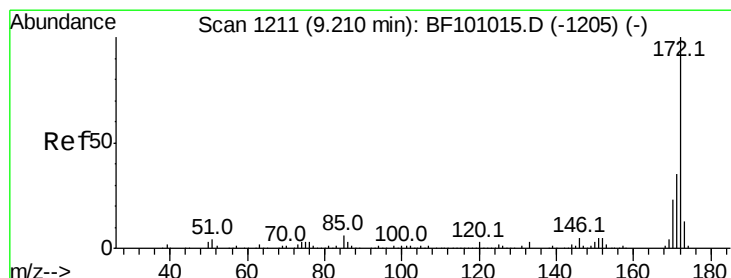
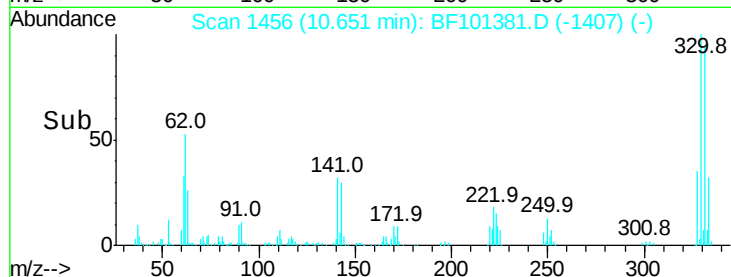
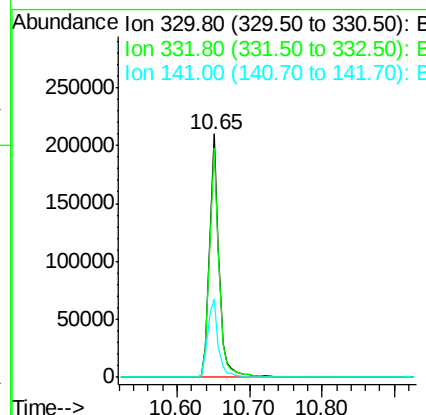
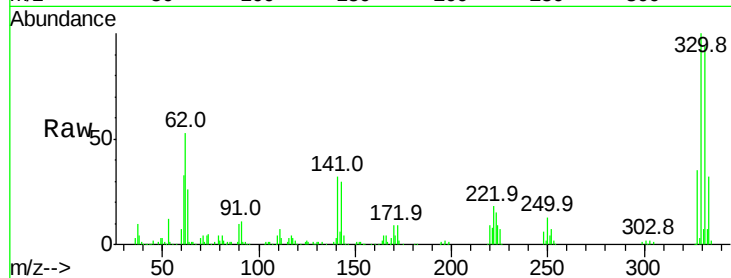




#41
 2,4,6-Tribromophenol
 Concen: 53.543 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF101381.D
 Acq: 13 Dec 2017 23:22

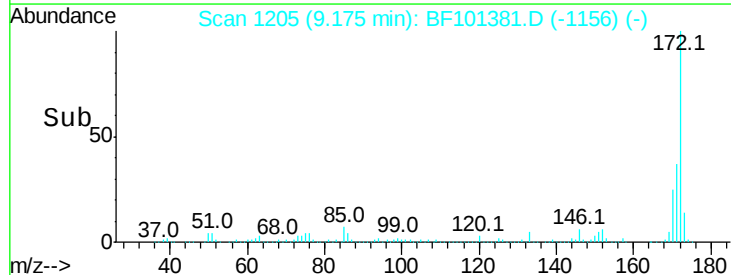
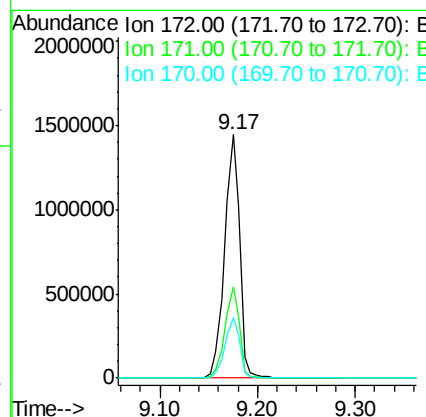
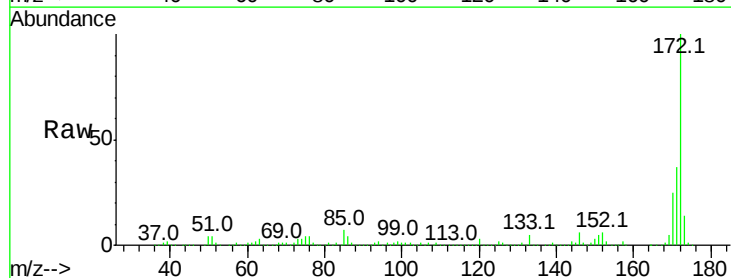
Instrument :
 BNA_F
 ClientSampleId :
 120717-TIDO-F-D-S

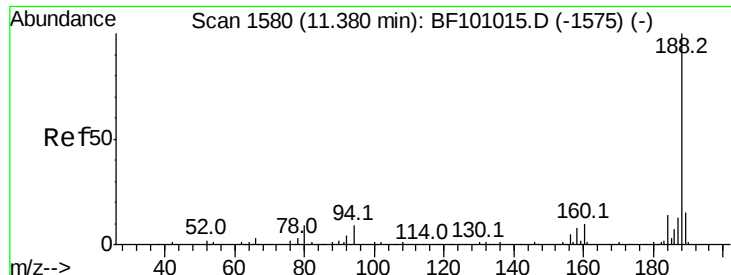
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	35.8	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 69.441 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF101381.D
 Acq: 13 Dec 2017 23:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.7	44.5
170	24.7	19.6	29.4

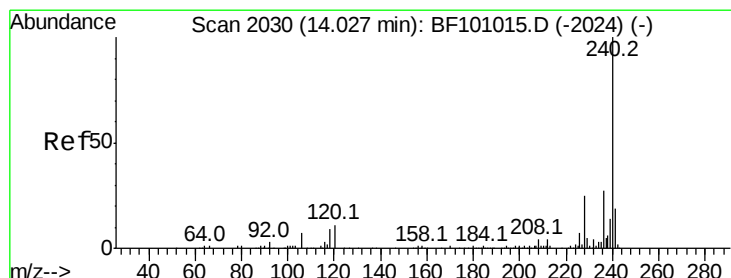
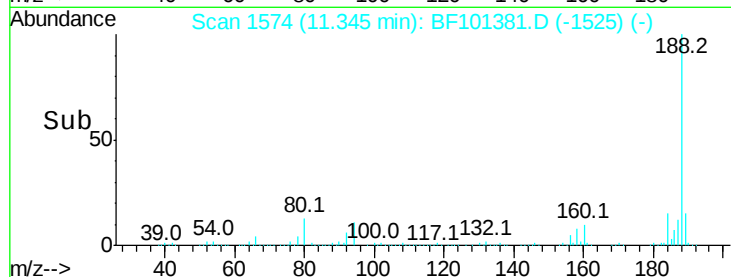
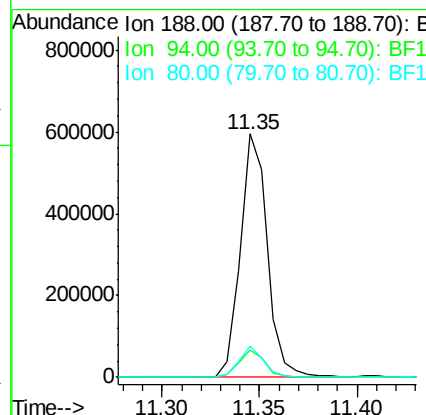
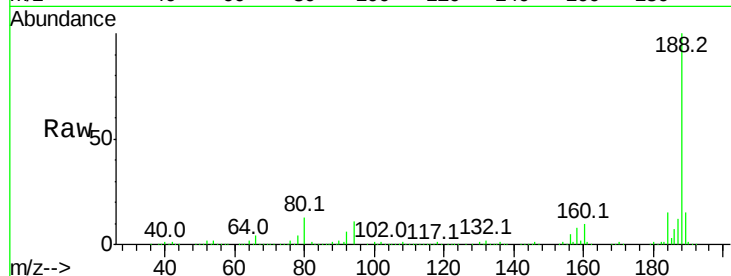




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF101381.D
Acq: 13 Dec 2017 23:22

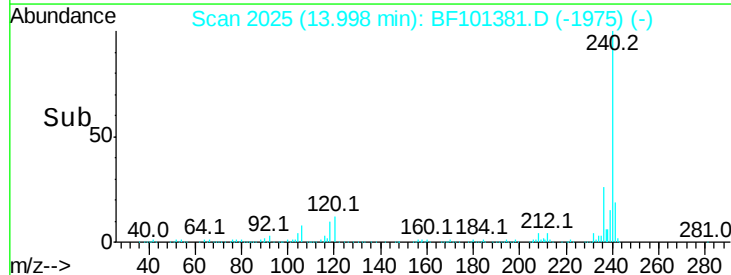
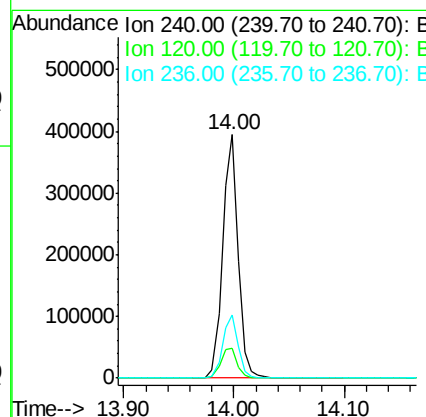
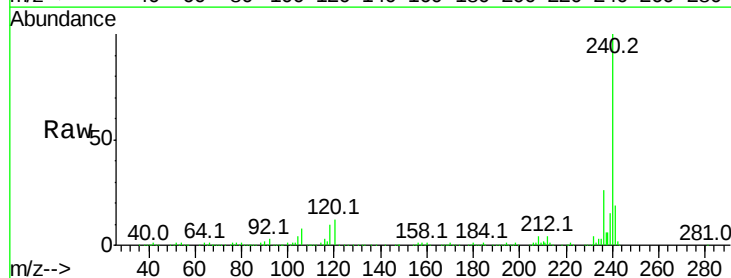
Instrument :
BNA_F
ClientSampleId :
120717-TIDO-F-D-S

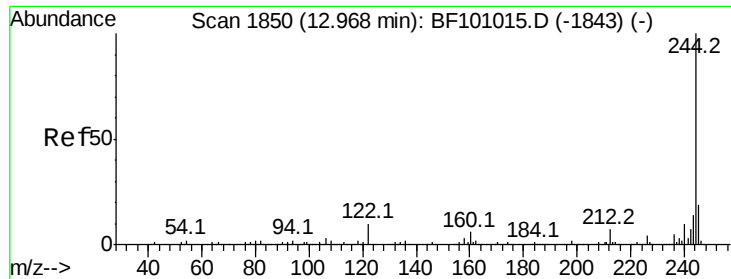
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	12.6	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF101381.D
Acq: 13 Dec 2017 23:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	26.2	20.7	31.1

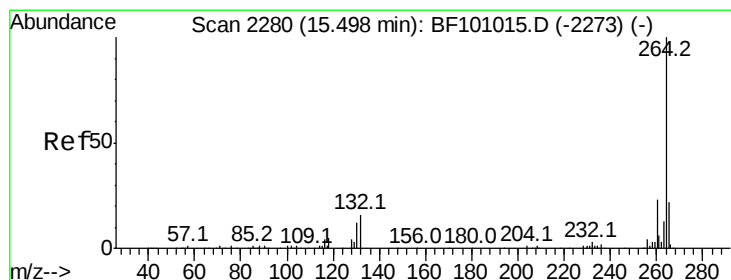
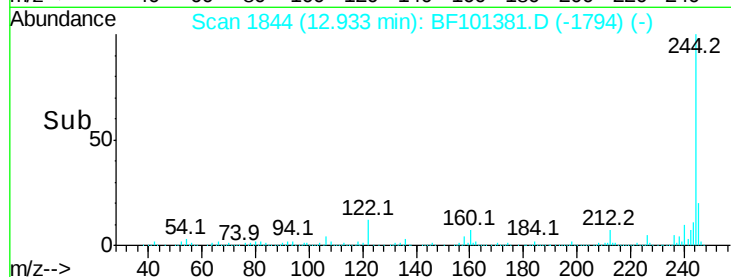
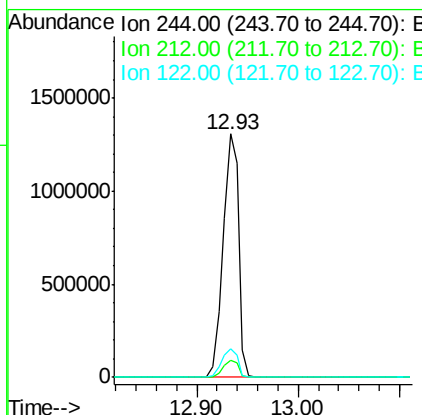
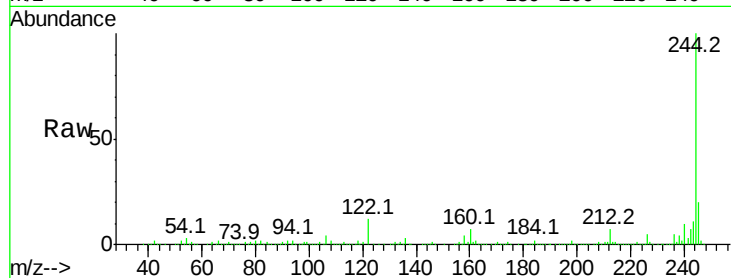




#78
 Terphenyl-d14
 Concen: 78.799 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF101381.D
 Acq: 13 Dec 2017 23:22

Instrument :
 BNA_F
 ClientSampleId :
 120717-TIDO-F-D-S

Tot Ion:244 Resp: 1377029
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. 0.00 min
 Lab File: BF101381.D
 Acq: 13 Dec 2017 23:22

Tgt Ion:264 Resp: 307868
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.9 17.5 26.3

