

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121317\
 Data File : BF101383.D
 Acq On : 14 Dec 2017 00:15
 Operator : SJ/JU
 Sample : I6816-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Dec 14 02:30:09 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

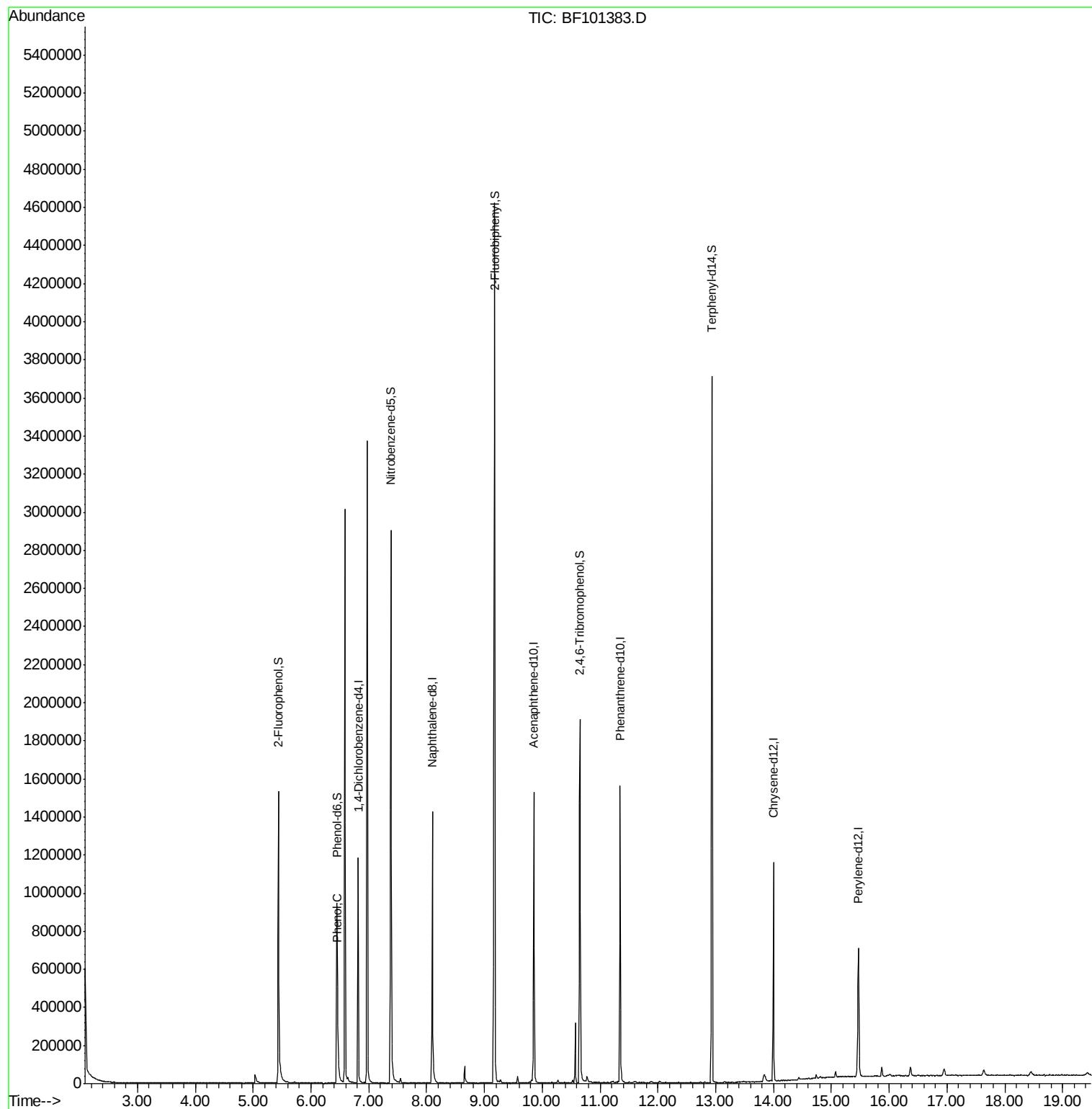
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	173237	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	704456	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	317668	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	579695	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	389458	20.00	ng	0.00
86) Perylene-d12	15.47	264	319350	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	504911	48.16	ng	0.00
7) Phenol-d6	6.45	99	411968	32.37	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1086976	92.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	230726	60.46	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1764411	75.99	ng	-0.01
78) Terphenyl-d14	12.93	244	1532737	86.08	ng	0.00
Target Compounds						
10) Phenol	6.46	94	30789	2.175	ng	Qvalue 78

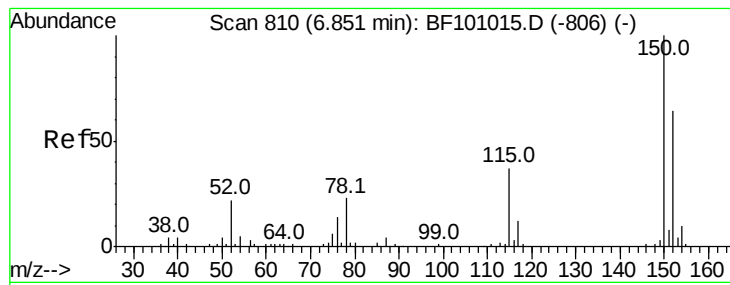
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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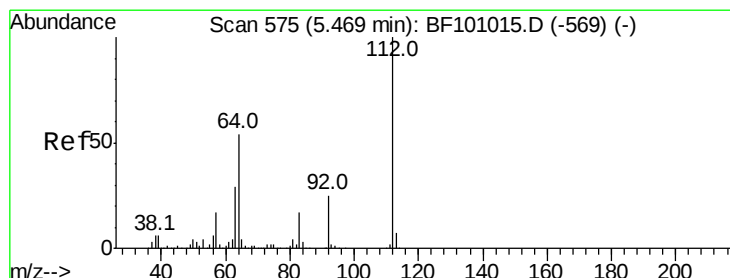
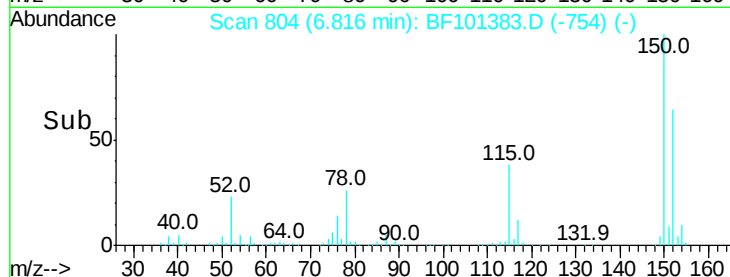
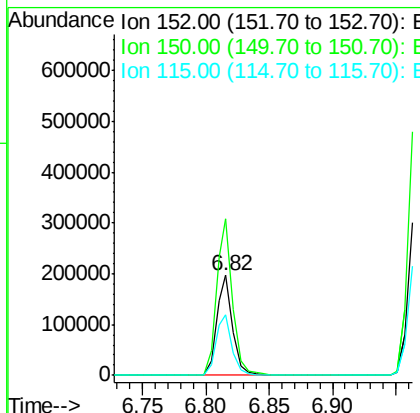
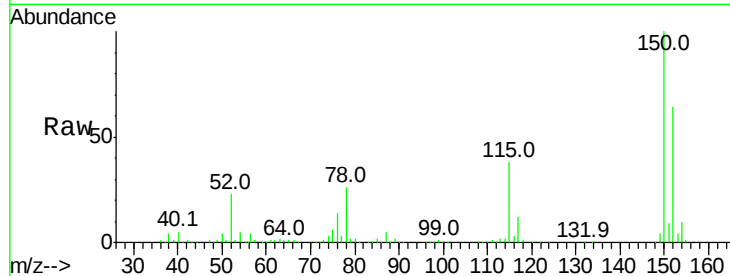


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF101383.D
Acq: 14 Dec 2017 00:15

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

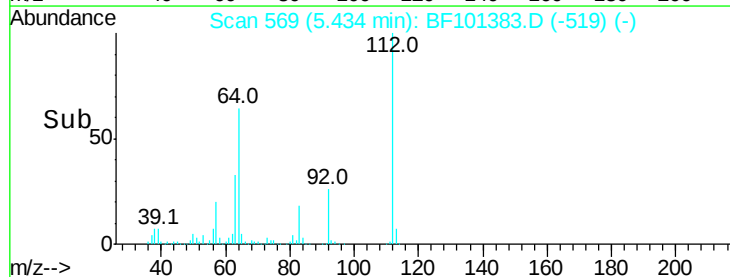
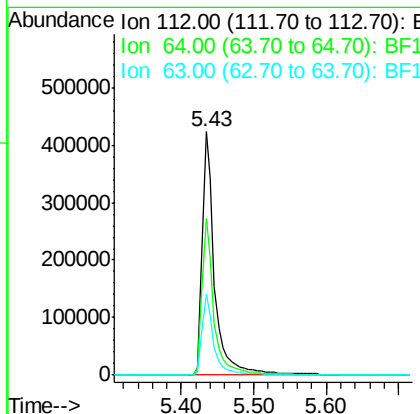
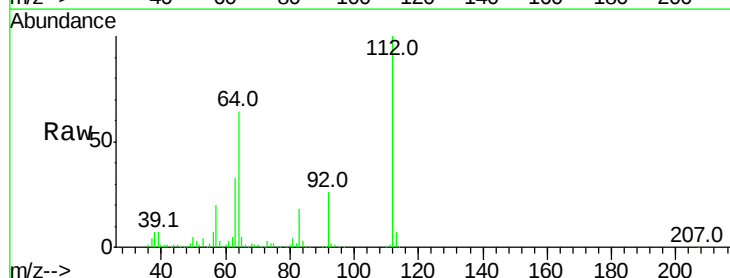
Tot Ion:152 Resp: 173237
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 60.1 50.1 75.1

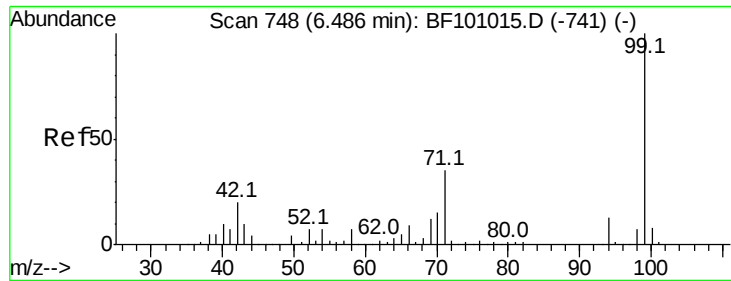


#5

2-Fluorophenol
Concen: 48.162 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF101383.D
Acq: 14 Dec 2017 00:15

Tgt Ion:112 Resp: 504911
Ion Ratio Lower Upper
112 100
64 64.2 47.9 71.9
63 33.1 23.7 35.5





#7

Phenol-d6

Concen: 32.367 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF101383.D

Acq: 14 Dec 2017 00:15

Instrument :

BNA_F

ClientSampleId :

120717-TIDO-F-U-S

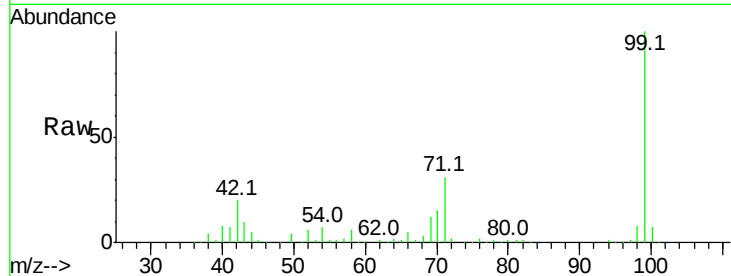
Tot Ion: 99 Resp: 411968

Ion Ratio Lower Upper

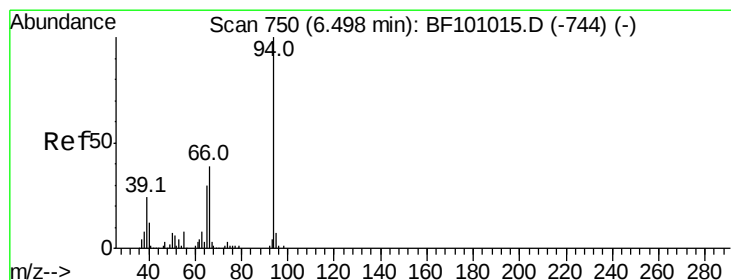
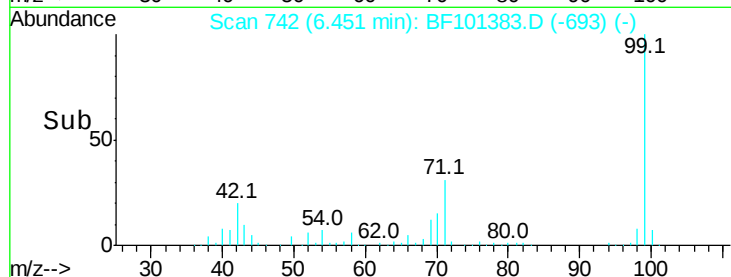
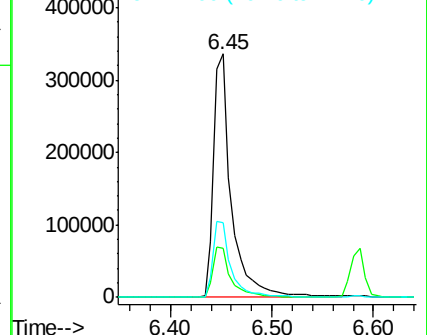
99 100

42 19.9 14.5 21.7

71 30.8 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: 2.175 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF101383.D

Acq: 14 Dec 2017 00:15

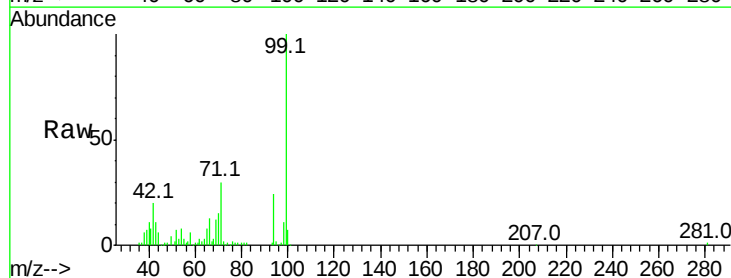
Tgt Ion: 94 Resp: 30789

Ion Ratio Lower Upper

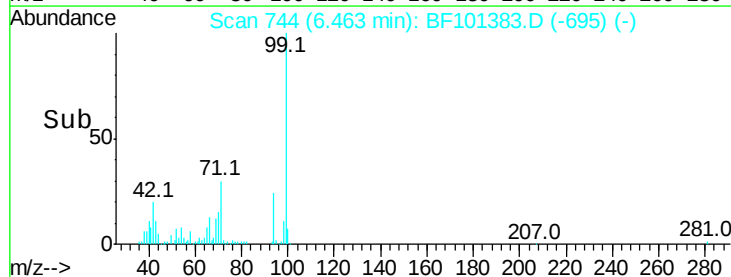
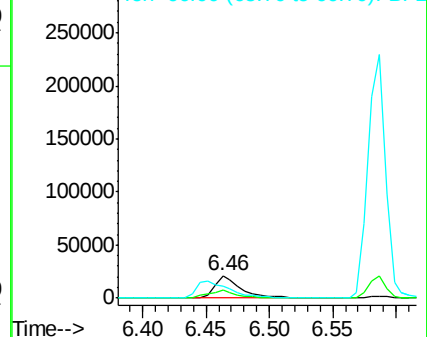
94 100

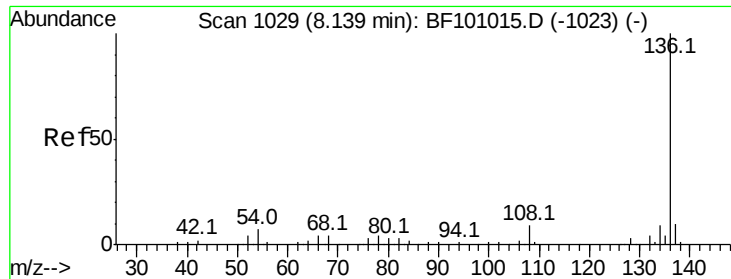
65 33.7 7.9 47.9

66 54.3 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

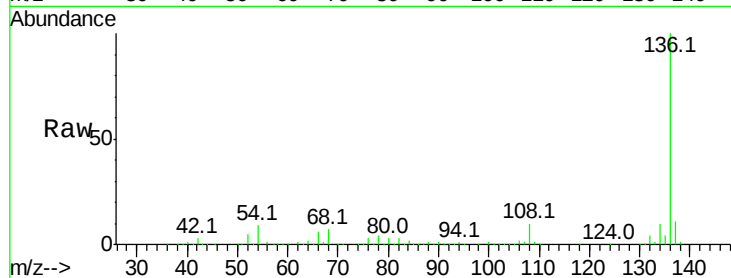




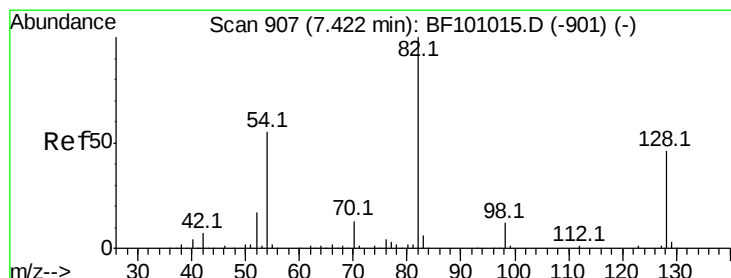
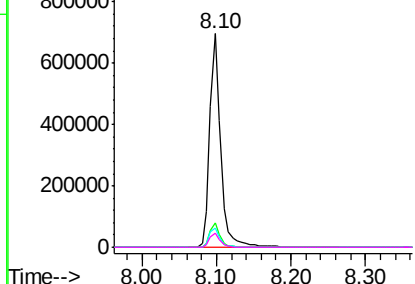
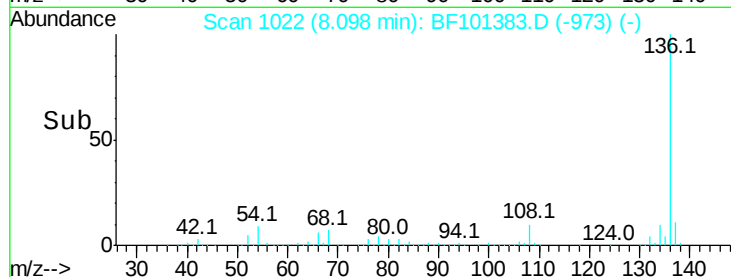
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF101383.D
Acq: 14 Dec 2017 00:15

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

Tot Ion:136	Resp: 704456
Ion Ratio	Lower Upper
136 100	
137 11.3	8.9 13.3
54 9.3	6.6 9.8
68 6.8	5.0 7.4

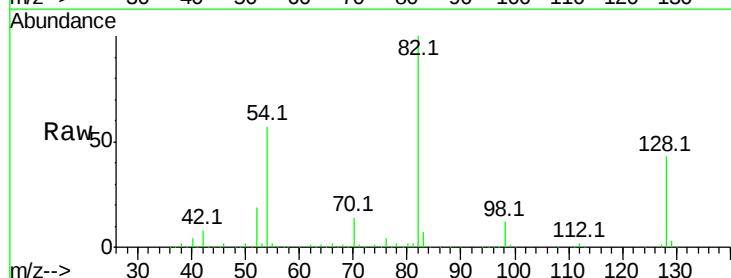


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

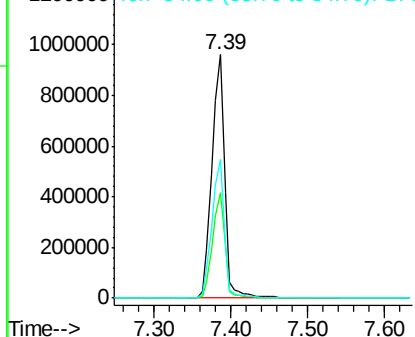
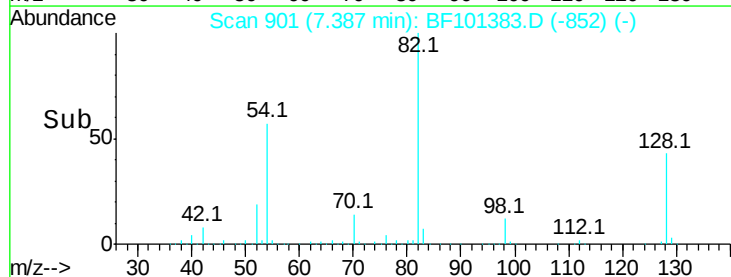


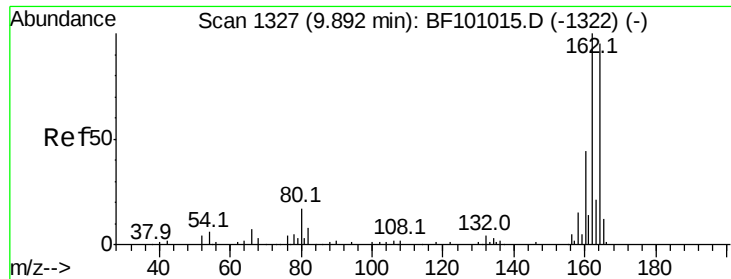
#23
Nitrobenzene-d5
Concen: 92.045 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF101383.D
Acq: 14 Dec 2017 00:15

Tgt	Ion: 82	Resp:	1086976
Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.1	54.1
54	57.0	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

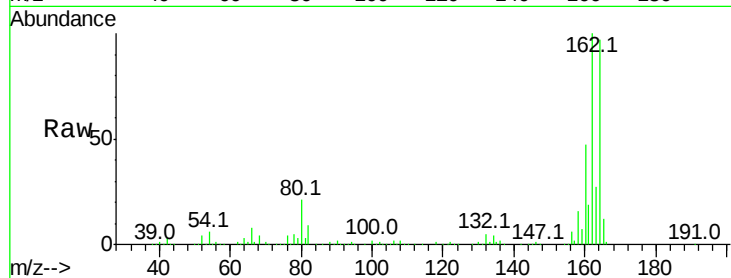




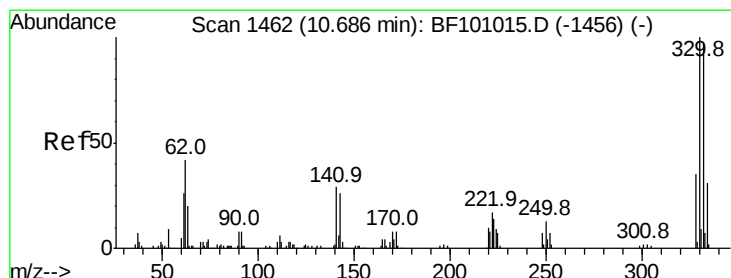
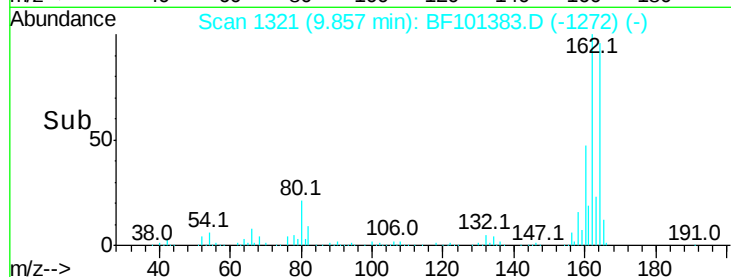
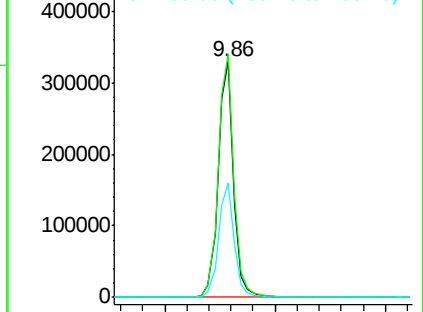
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF101383.D
 Acq: 14 Dec 2017 00:15

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	48.4	38.3	57.5

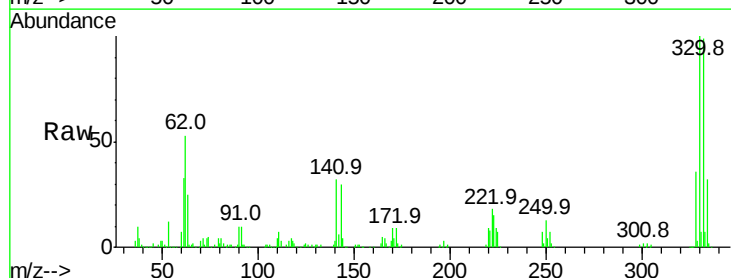


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

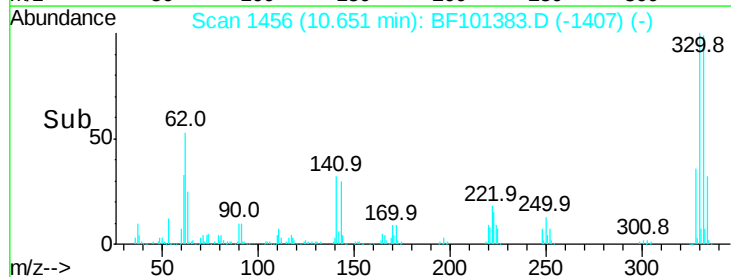
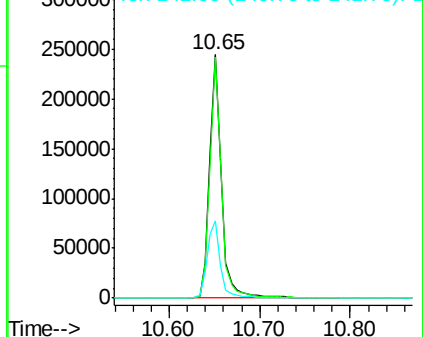


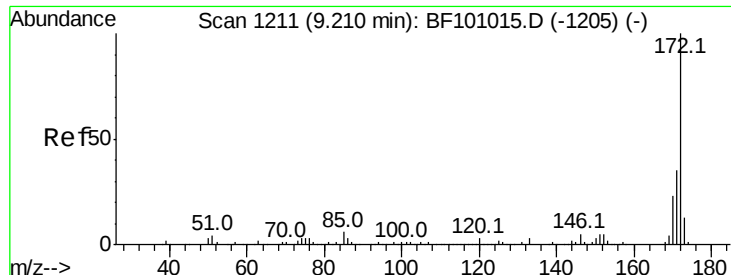
#41
 2,4,6-Tribromophenol
 Concen: 60.461 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF101383.D
 Acq: 14 Dec 2017 00:15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	35.1	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



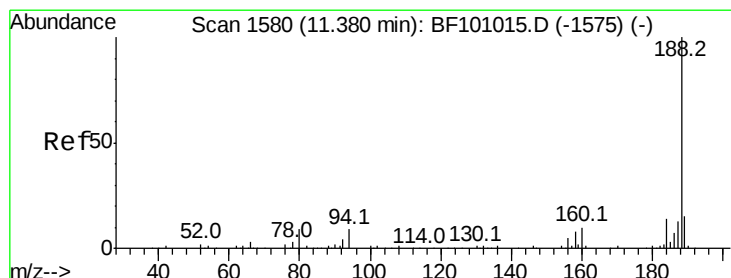
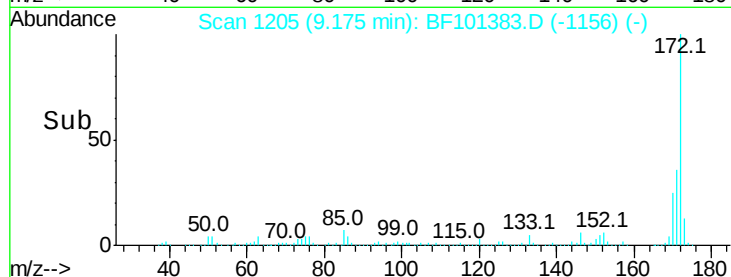
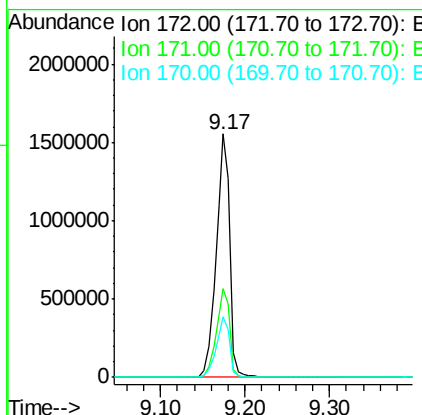
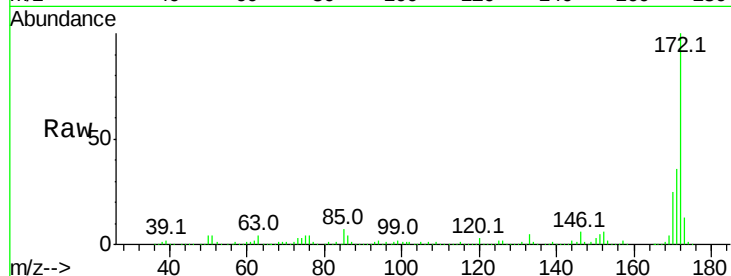


#44
 2-Fluorobiphenyl
 Concen: 75.993 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF101383.D
 Acq: 14 Dec 2017 00:15

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

Tot Ion:172 Resp: 1764411

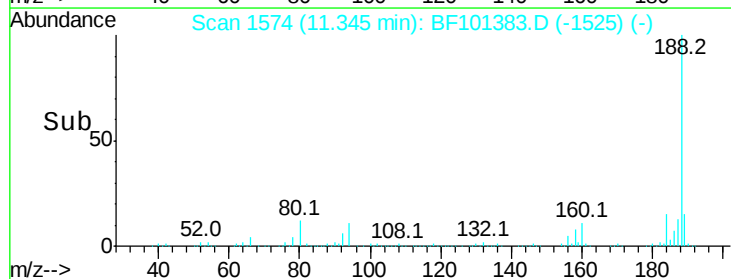
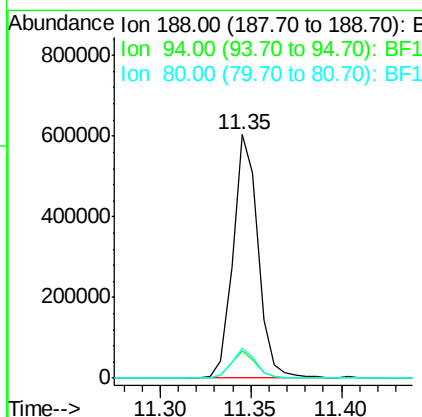
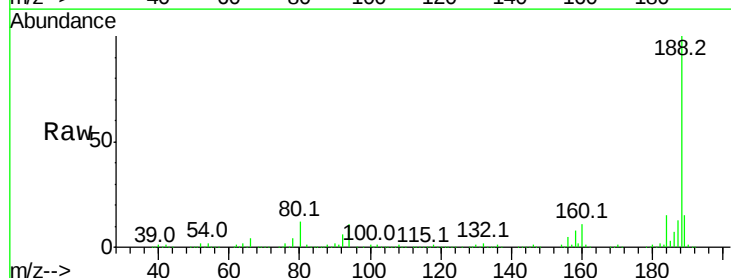
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.9	19.6	29.4

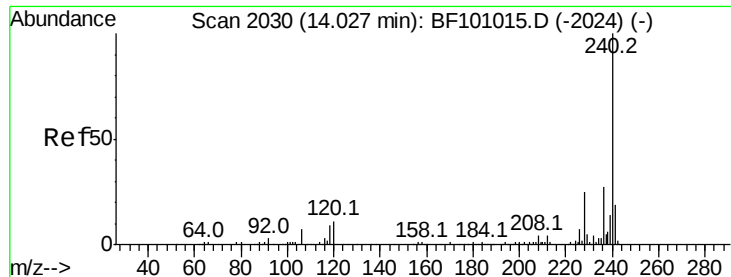


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF101383.D
 Acq: 14 Dec 2017 00:15

Tgt Ion:188 Resp: 579695

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	12.2	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: BF101383.D

Acq: 14 Dec 2017 00:15

Instrument :

BNA_F

ClientSampleId :

120717-TIDO-F-U-S

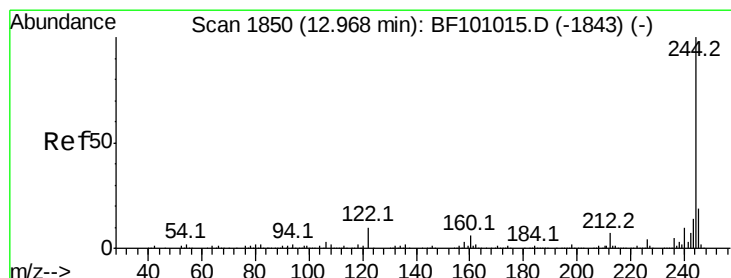
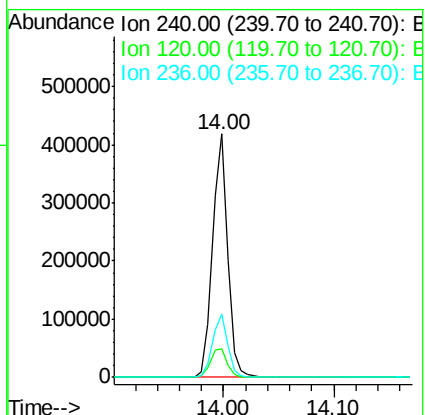
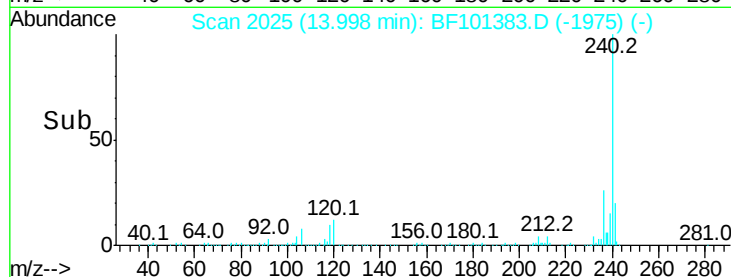
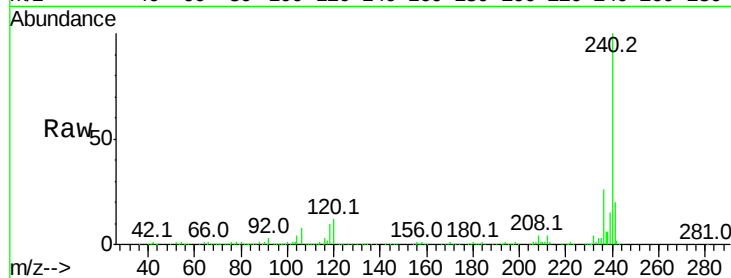
Tot Ion:240 Resp: 389458

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

236 25.9 20.7 31.1



#78

Terphenyl-d14

Concen: 86.081 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF101383.D

Acq: 14 Dec 2017 00:15

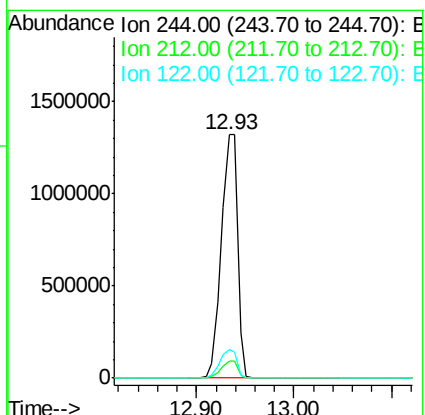
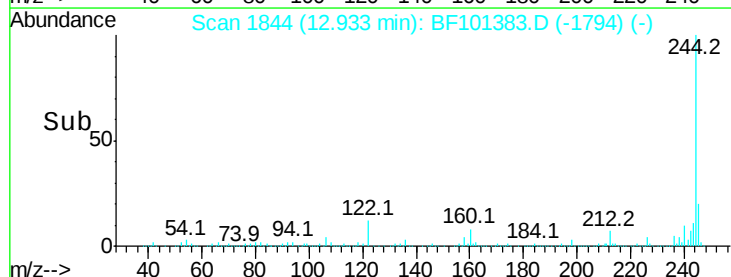
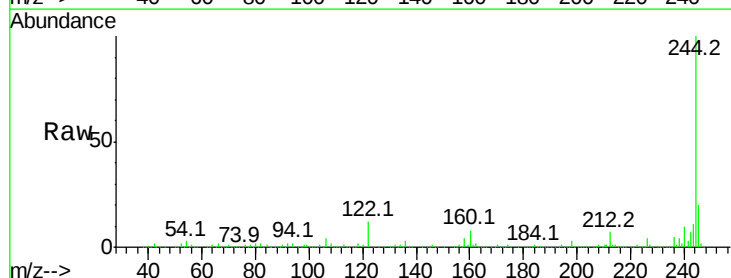
Tgt Ion:244 Resp: 1532737

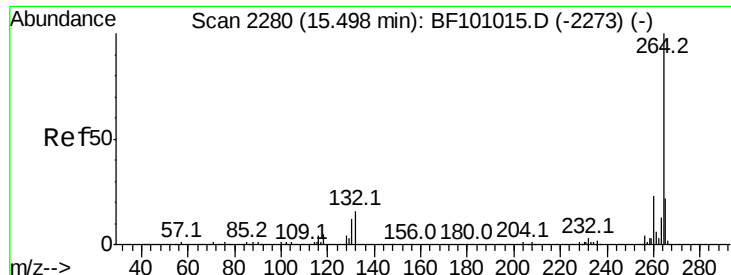
Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

122 11.7 11.0 16.4

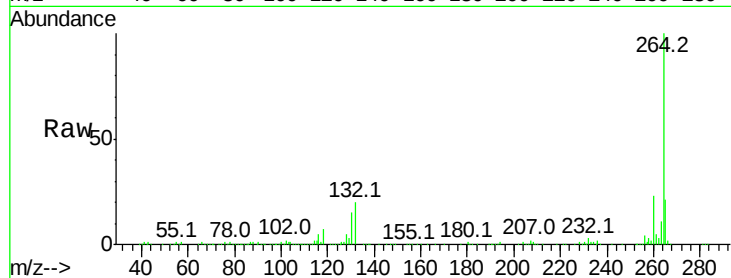




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF101383.D
Acq: 14 Dec 2017 00:15

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	20.7	17.5	26.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

