

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101228.D
 Acq On : 8 Dec 2017 2:32
 Operator : SJ/JU
 Sample : I6732-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 120117-TIDO-F-D-B

Quant Time: Dec 08 05:43:59 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	6.84	152	44314	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	159564	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	64002	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	110229	20.00	ng	0.00
75) Chrysene-d12	14.02	240	91147	20.00	ng	0.00
86) Perylene-d12	15.50	264	70927	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	119786	44.67	ng	0.00
7) Phenol-d6	6.47	99	97416	29.92	ng	-0.01
23) Nitrobenzene-d5	7.41	82	254514	95.15	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	60306	78.44	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	526970	112.65	ng	-0.01
78) Terphenyl-d14	12.96	244	399011	95.75	ng	0.00

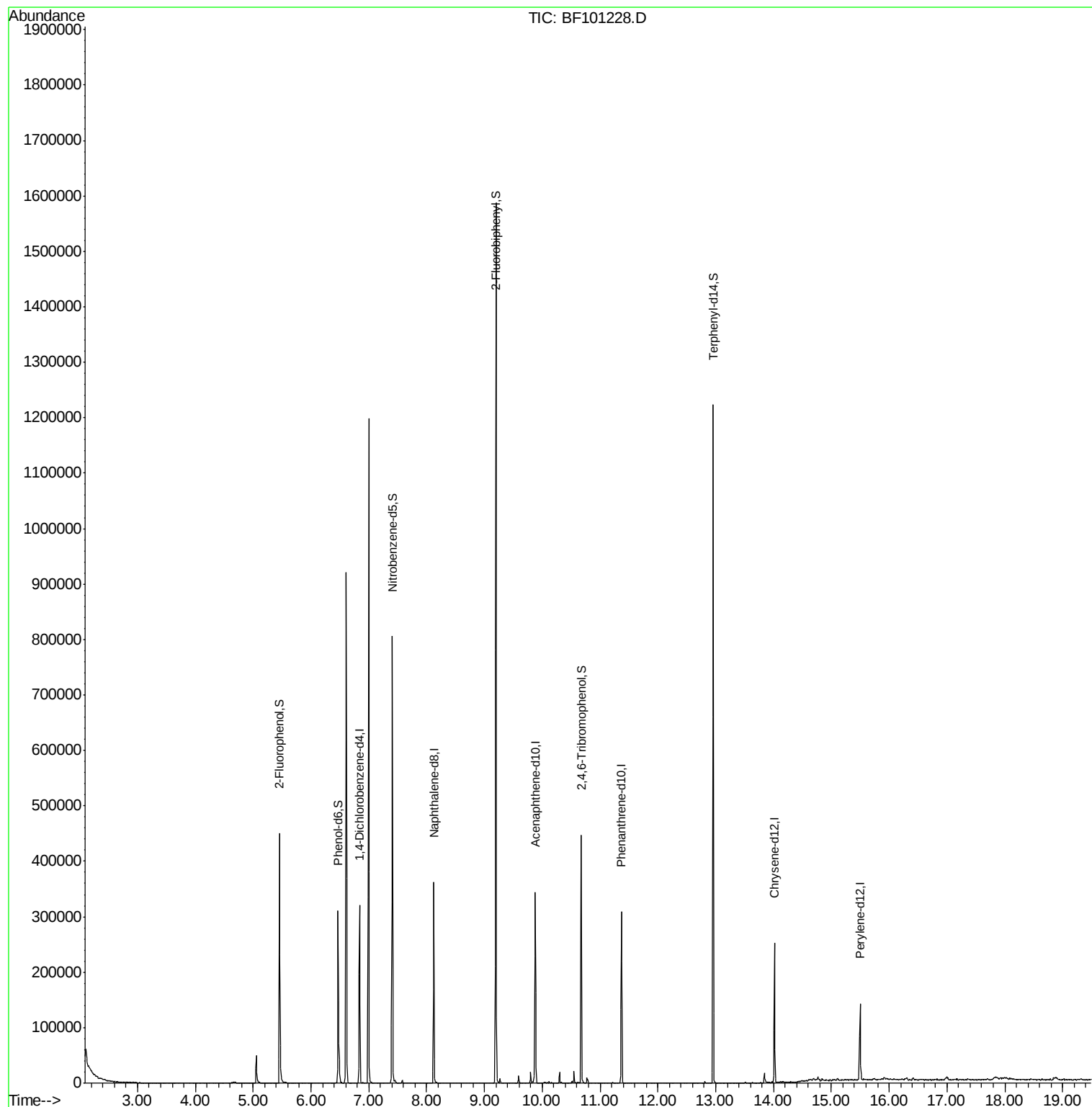
Target Compounds Qvalue

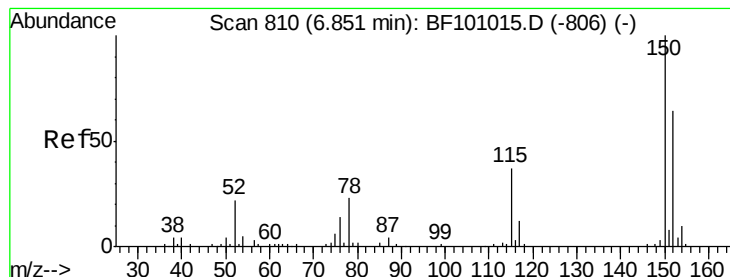
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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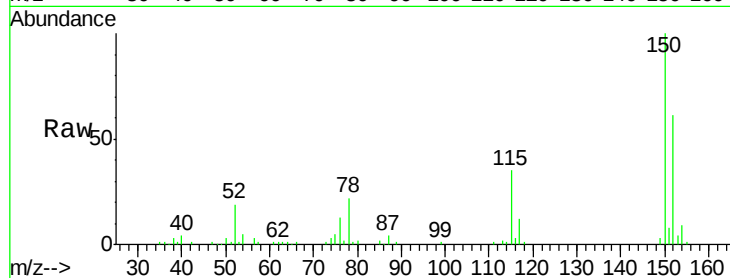


#1

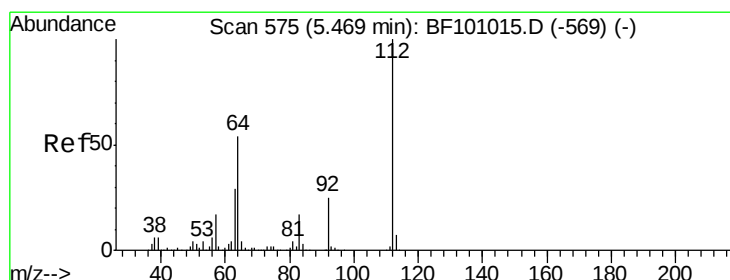
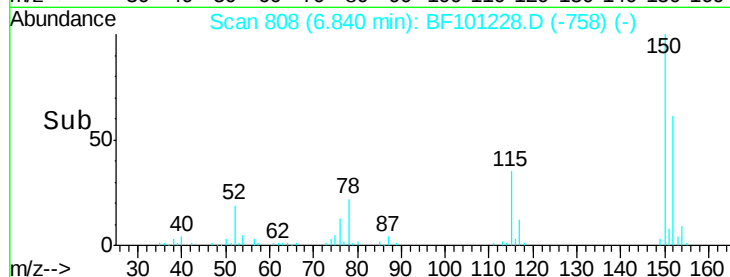
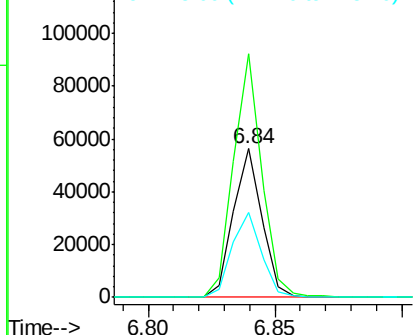
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101228.D
Acq: 8 Dec 2017 2:32

Instrument :
BNA_F
ClientSampleId :
120117-TIDO-F-D-B

Tot Ion:152 Resp: 44314
Ion Ratio Lower Upper
152 100
150 163.8 124.6 186.8
115 56.8 50.1 75.1



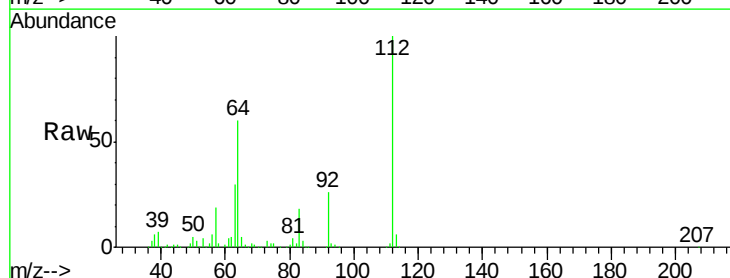
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



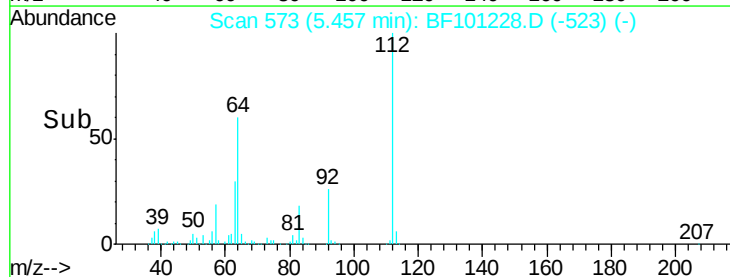
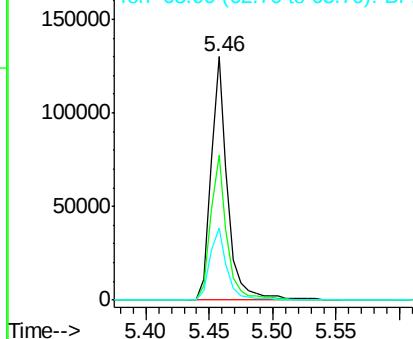
#5

2-Fluorophenol
Concen: 44.668 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF101228.D
Acq: 8 Dec 2017 2:32

Tgt Ion:112 Resp: 119786
Ion Ratio Lower Upper
112 100
64 59.5 47.9 71.9
63 29.9 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: 29.920 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF101228.D

Acq: 8 Dec 2017 2:32

Instrument :

BNA_F

ClientSampleId :

120117-TIDO-F-D-B

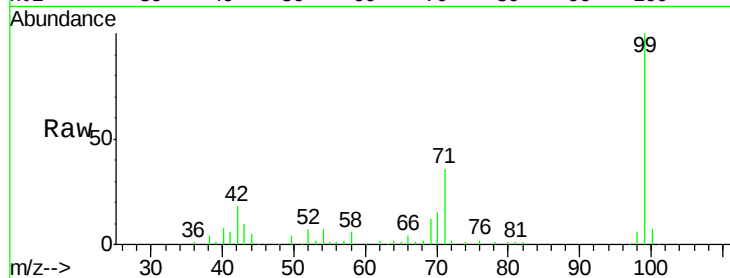
Tot Ion: 99 Resp: 97416

Ion Ratio Lower Upper

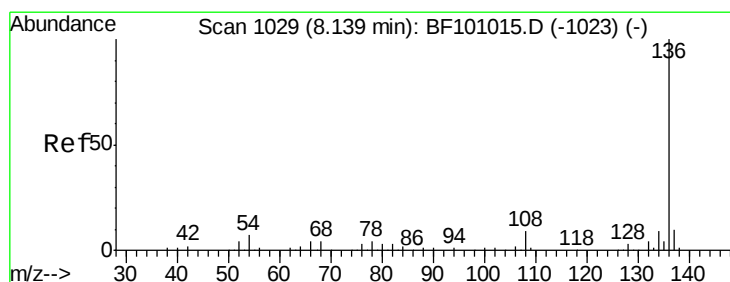
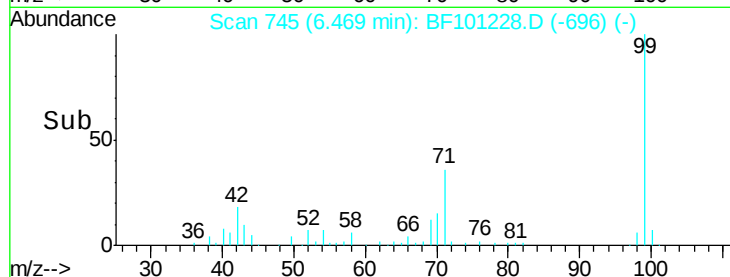
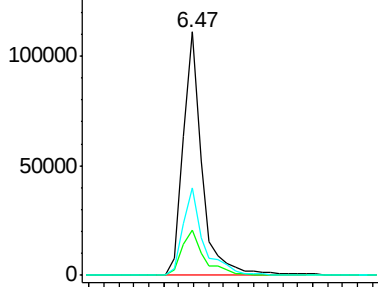
99 100

42 18.5 14.5 21.7

71 35.9 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# 1026

Delta R.T. -0.01 min

Lab File: BF101228.D

Acq: 8 Dec 2017 2:32

Tgt Ion: 136 Resp: 159564

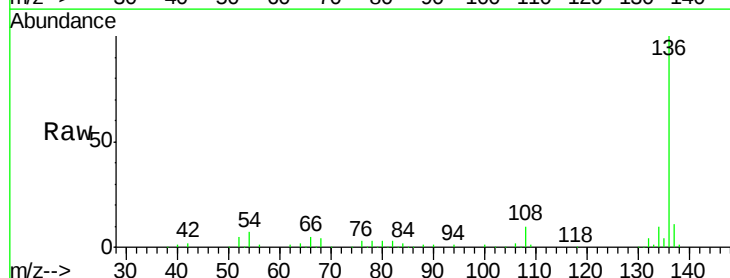
Ion Ratio Lower Upper

136 100

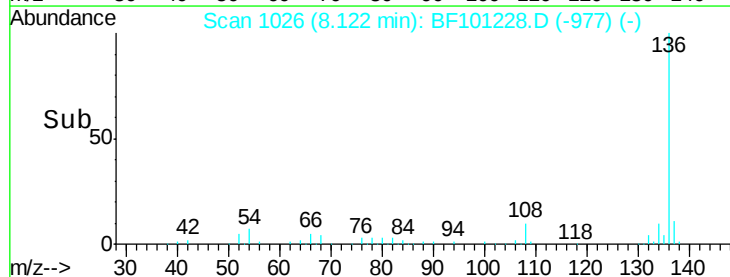
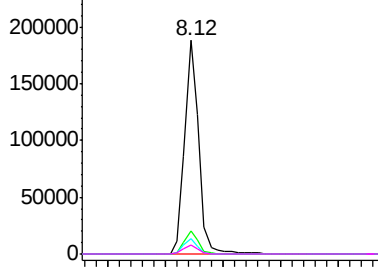
137 11.0 8.9 13.3

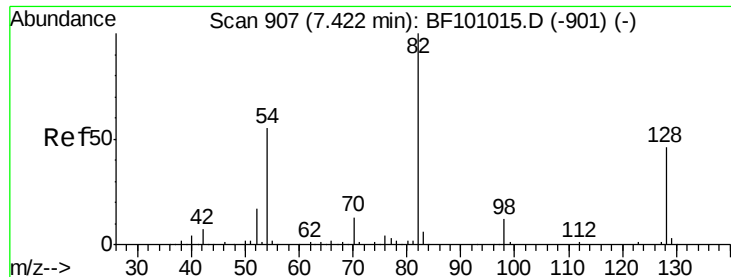
54 7.4 6.6 9.8

68 4.3 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

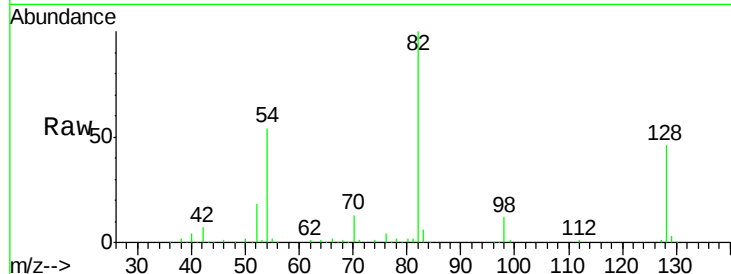




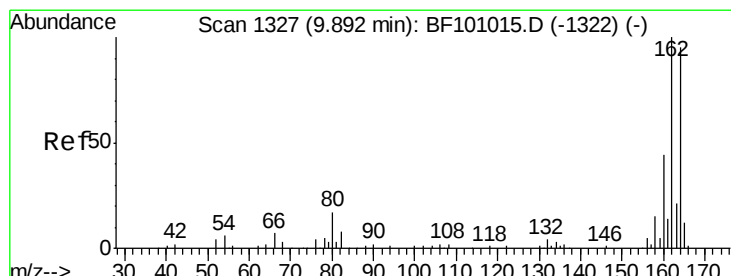
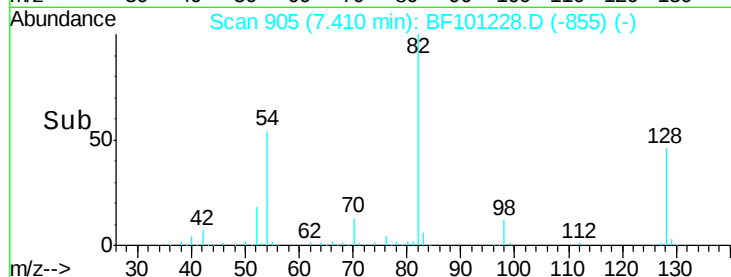
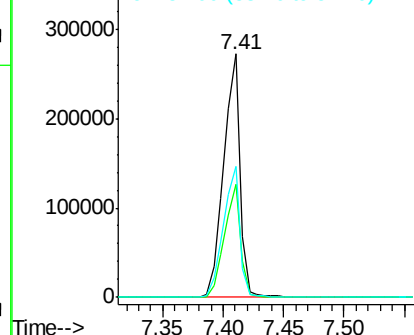
#23
Nitrobenzene-d5
Concen: 95.150 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101228.D
Acq: 8 Dec 2017 2:32

Instrument :
BNA_F
ClientSampleId :
120117-TIDO-F-D-B

Tot Ion: 82 Resp: 254514
Ion Ratio Lower Upper
82 100
128 46.4 36.1 54.1
54 53.6 41.4 62.2

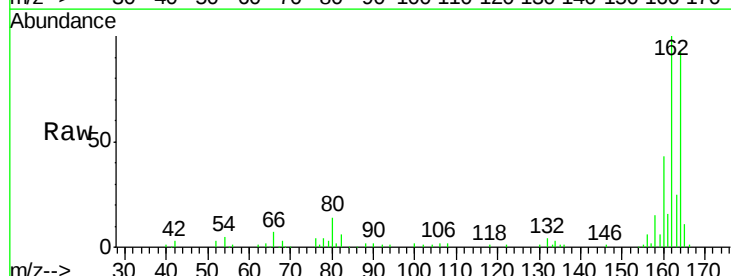


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

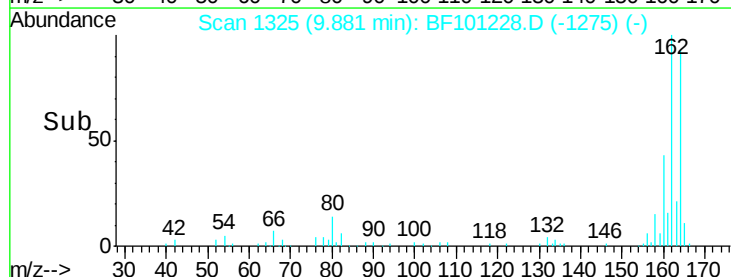
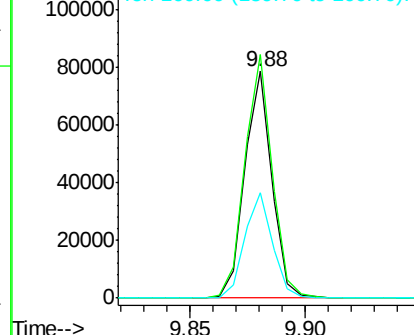


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF101228.D
Acq: 8 Dec 2017 2:32

Tgt Ion: 164 Resp: 64002
Ion Ratio Lower Upper
164 100
162 107.5 86.1 129.1
160 46.8 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

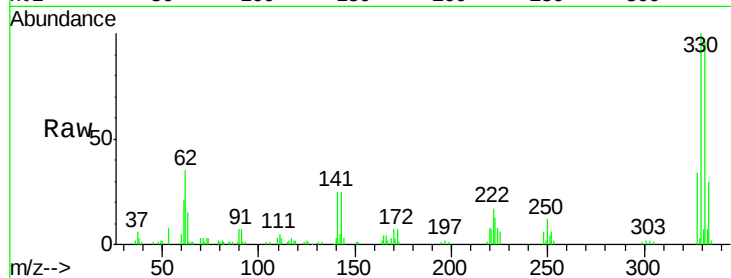




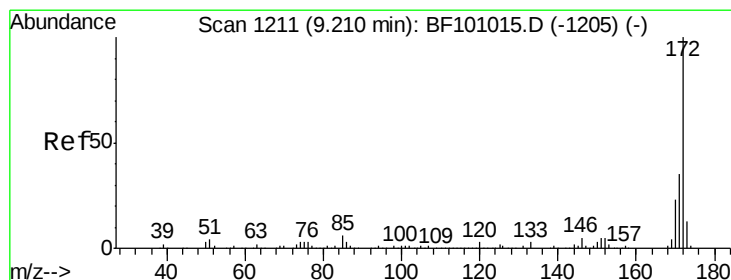
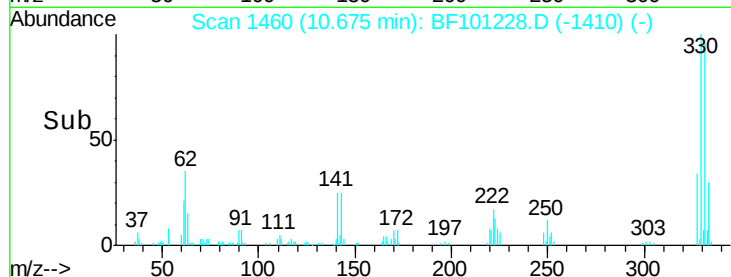
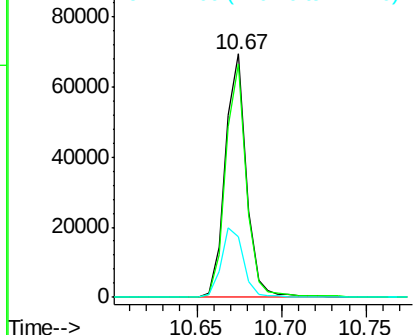
#41
 2,4,6-Tribromophenol
 Concen: 78.437 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101228.D
 Acq: 8 Dec 2017 2:32

Instrument :
 BNA_F
 ClientSampleId :
 120117-TIDO-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	30.2	29.9	44.9

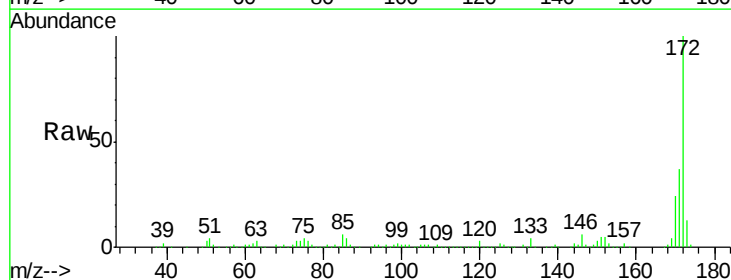


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

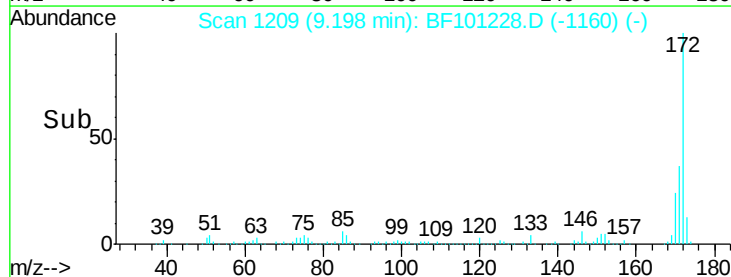
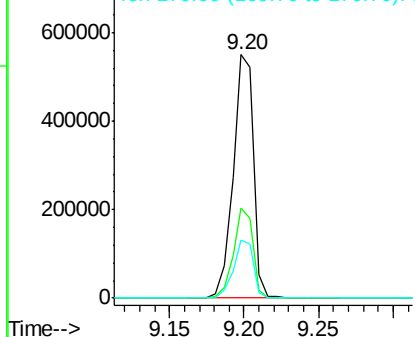


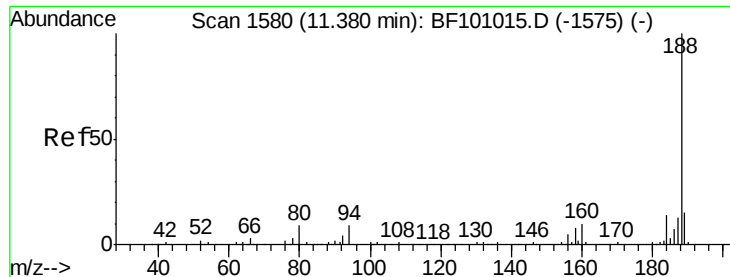
#44
 2-Fluorobiphenyl
 Concen: 112.653 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF101228.D
 Acq: 8 Dec 2017 2:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	23.8	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

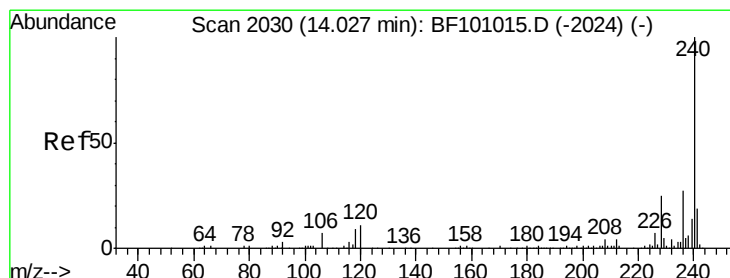
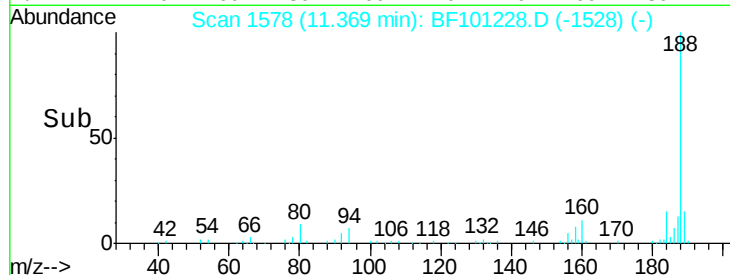
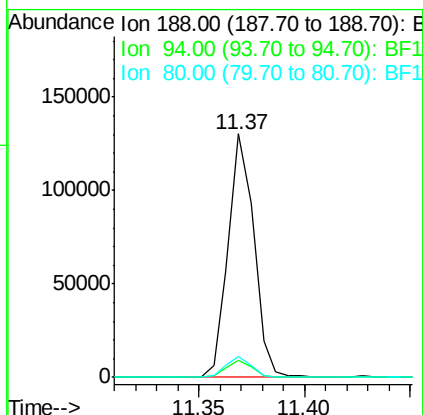
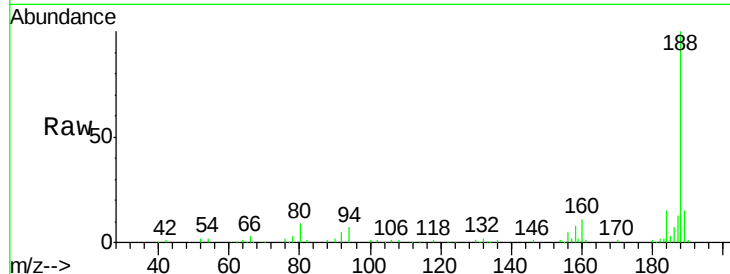




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF101228.D
Acq: 8 Dec 2017 2:32

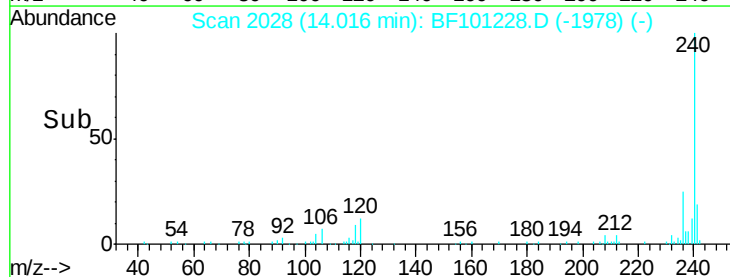
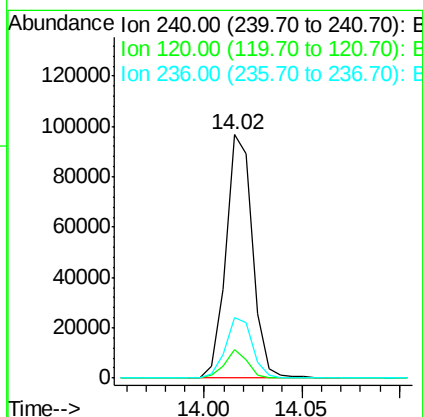
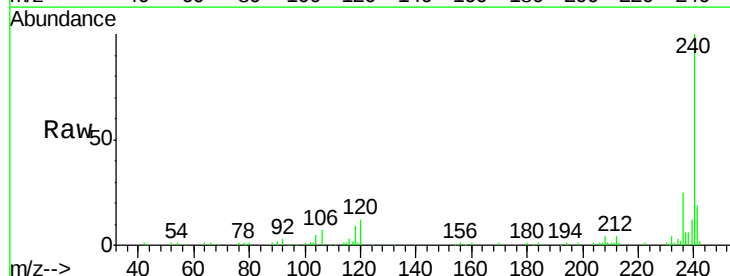
Instrument :
BNA_F
ClientSampleId :
120117-TIDO-F-D-B

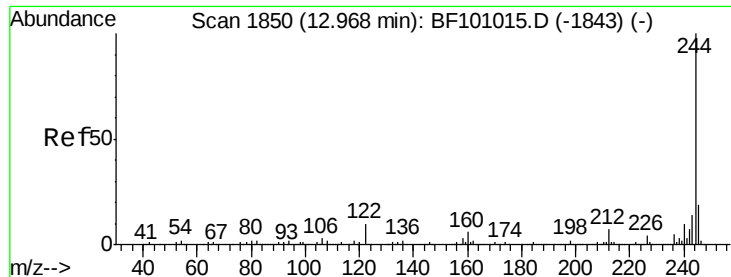
Tot Ion:188 Resp: 110229
Ion Ratio Lower Upper
188 100
94 7.3 8.5 12.7#
80 8.6 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101228.D
Acq: 8 Dec 2017 2:32

Tgt Ion:240 Resp: 91147
Ion Ratio Lower Upper
240 100
120 11.5 9.5 14.3
236 25.1 20.7 31.1





#78

Terphenyl-d14

Concen: 95.751 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF101228.D

Acq: 8 Dec 2017 2:32

Instrument :

BNA_F

ClientSampleId :

120117-TIDO-F-D-B

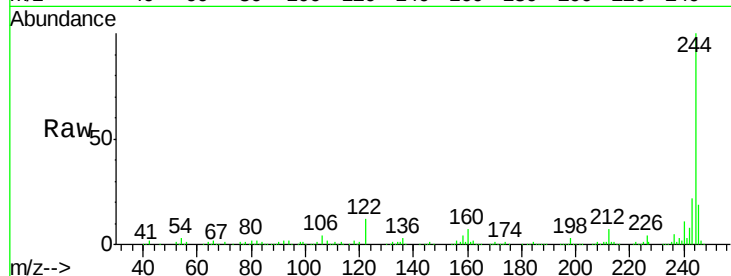
Tot Ion:244 Resp: 399011

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

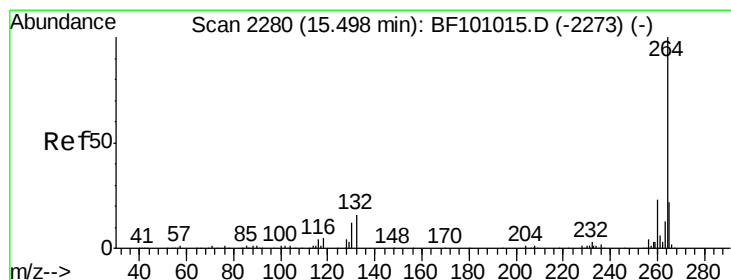
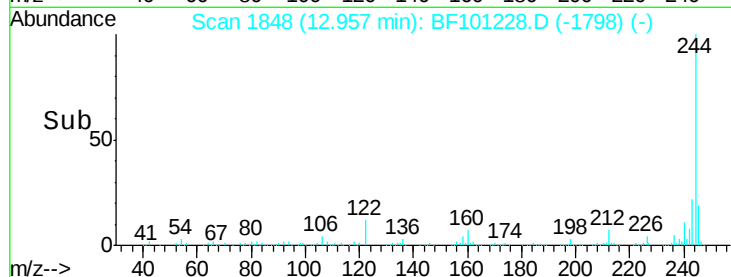
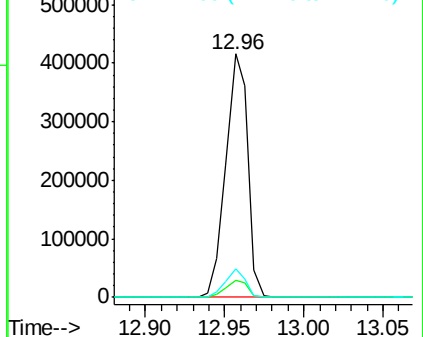
122 11.8 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF101228.D

Acq: 8 Dec 2017 2:32

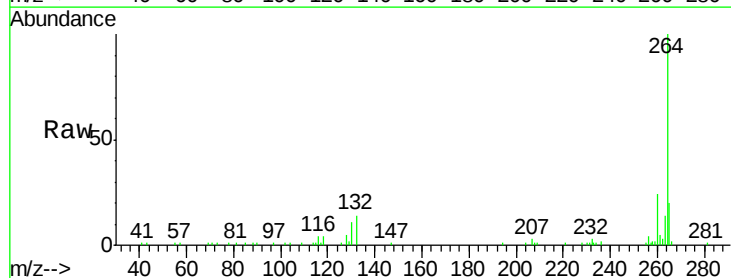
Tgt Ion:264 Resp: 70927

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 20.1 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

