

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
 Data File : BF101469.D
 Acq On : 16 Dec 2017 3:56
 Operator : SJ/JU
 Sample : I6882-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121117-TIDO-E-U-M

Quant Time: Dec 16 05:12:52 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 17:36:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	156372	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	605311	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	246066	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	393403	20.00	ng	0.00
75) Chrysene-d12	13.99	240	287305	20.00	ng	0.00
86) Perylene-d12	15.47	264	249792	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	356454	33.96	ng	0.00
7) Phenol-d6	6.45	99	260797	19.96	ng	0.00
23) Nitrobenzene-d5	7.39	82	938240	86.28	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	176690	74.52	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1494216	94.20	ng	0.00
78) Terphenyl-d14	12.93	244	1053370	88.39	ng	0.00

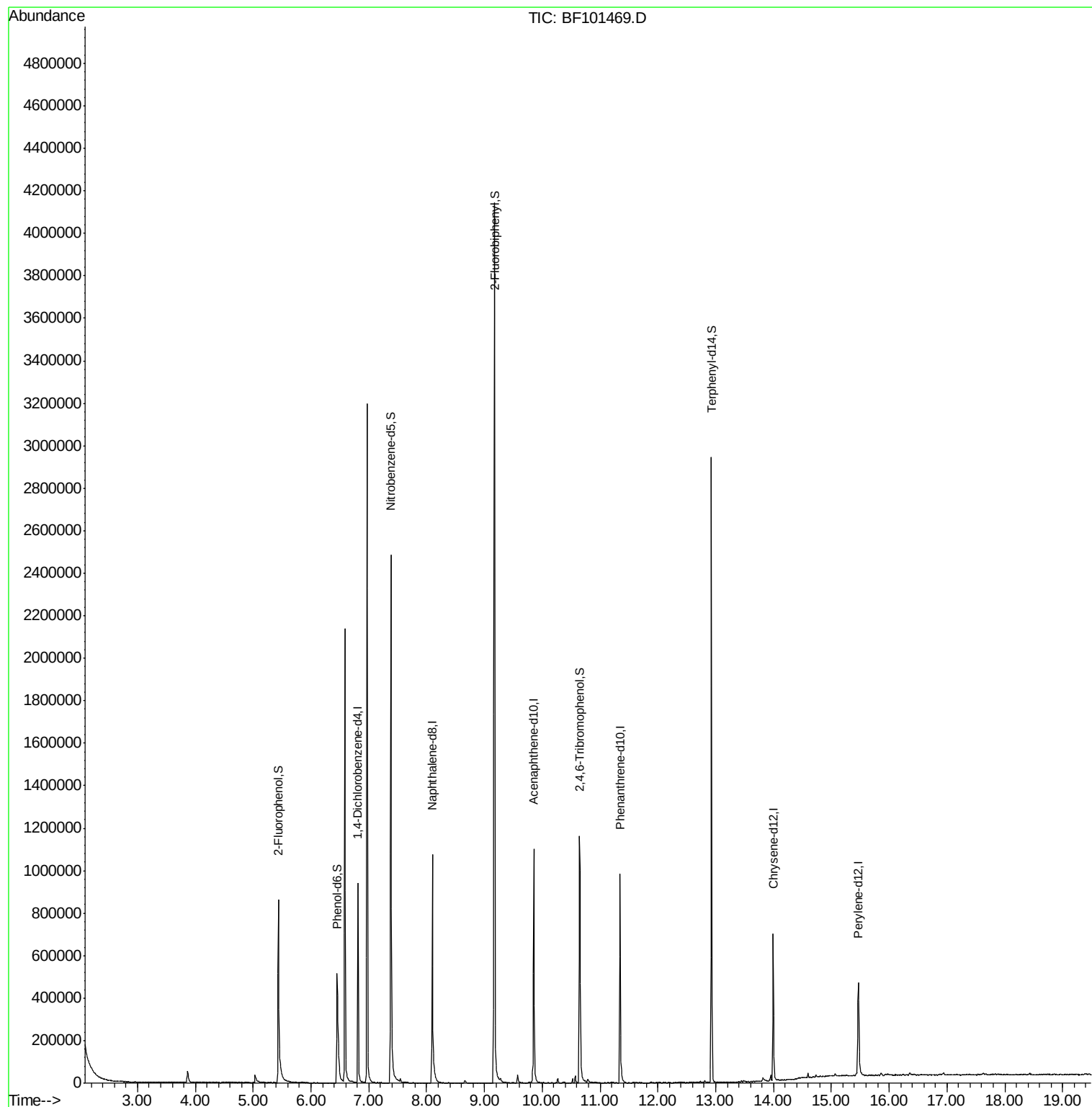
Target Compounds	Qvalue
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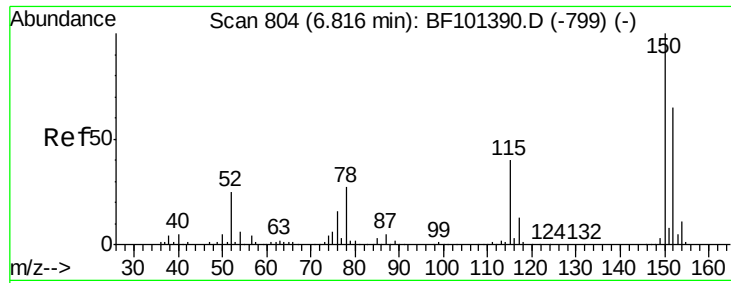
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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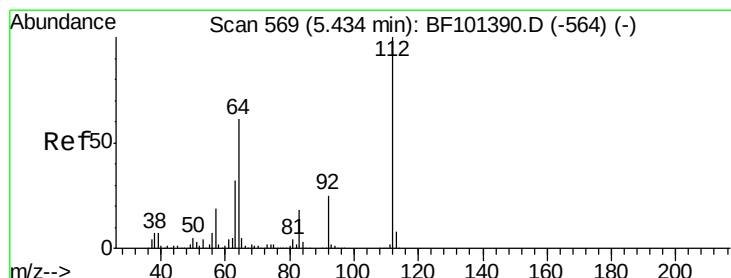
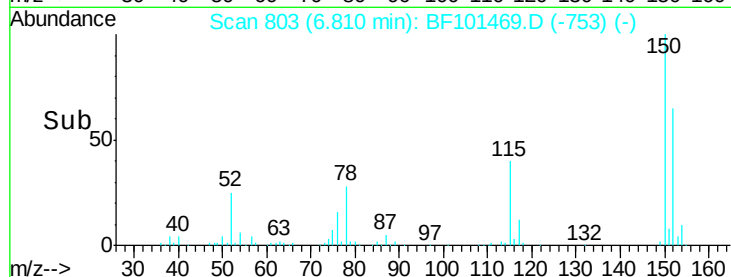
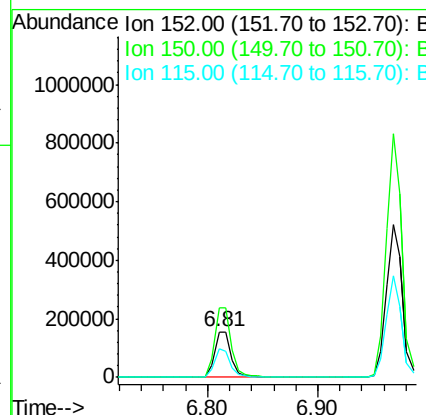
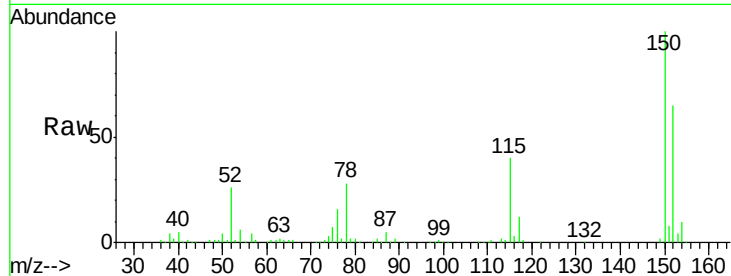




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF101469.D
 Acq: 16 Dec 2017 3:56

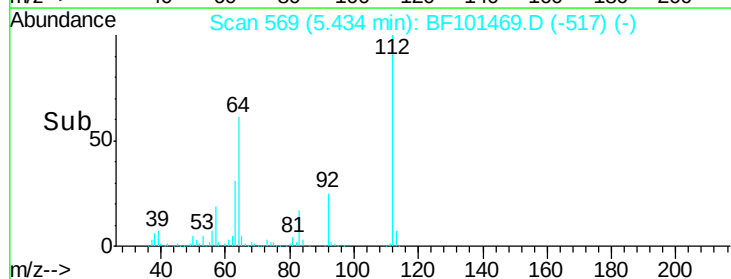
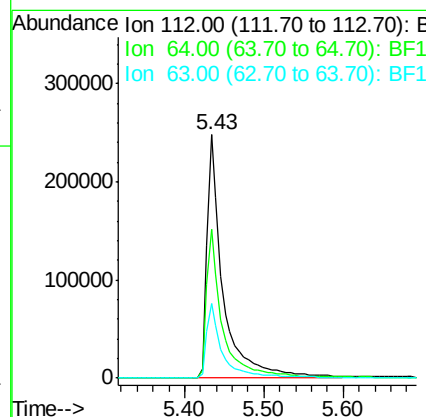
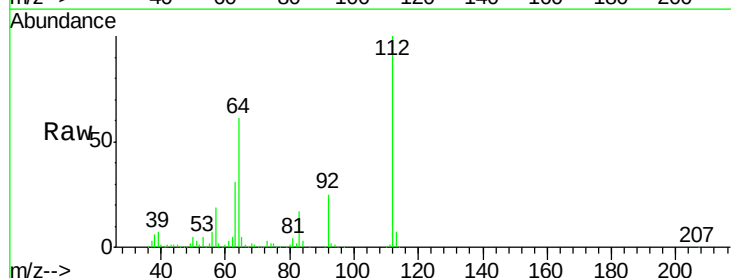
Instrument :
 BNA_F
 ClientSampleId :
 121117-TIDO-E-U-M

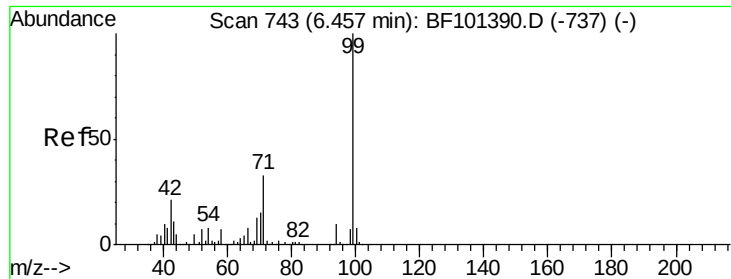
Tgt Ion:152 Resp: 156372
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.6 186.8
 115 62.0 50.1 75.1



#5
 2-Fluorophenol
 Concen: 33.955 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: BF101469.D
 Acq: 16 Dec 2017 3:56

Tgt Ion:112 Resp: 356454
 Ion Ratio Lower Upper
 112 100
 64 61.0 47.9 71.9
 63 30.6 23.7 35.5





#7

Phenol-d6

Concen: 19.962 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF101469.D

Acq: 16 Dec 2017 3:56

Instrument :

BNA_F

ClientSampleId :

121117-TIDO-E-U-M

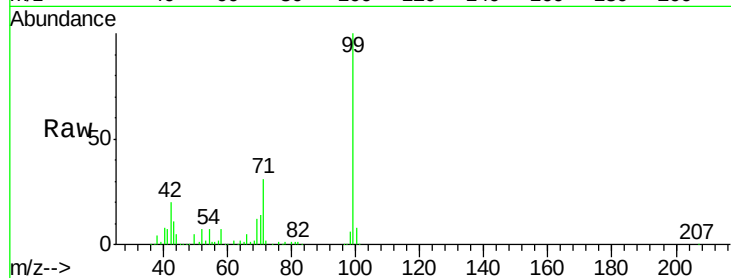
Tgt Ion: 99 Resp: 260797

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

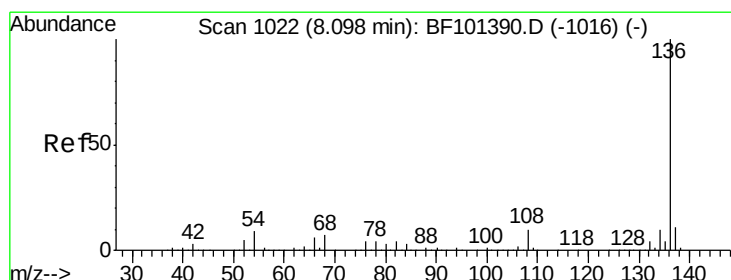
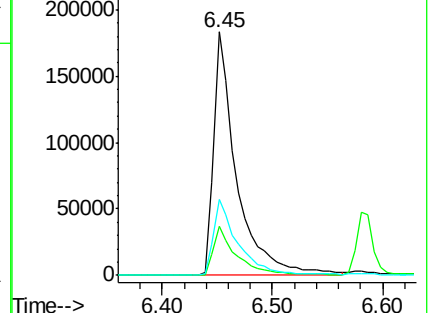
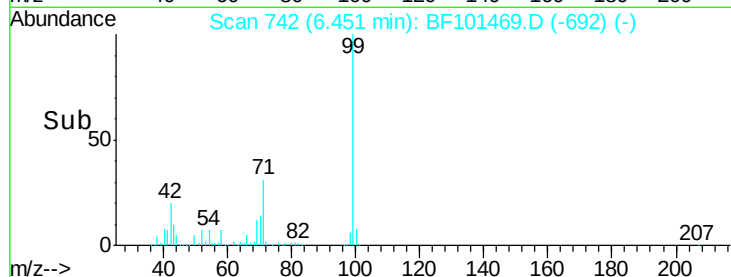
71 31.3 25.4 38.0



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. 0.00 min

Lab File: BF101469.D

Acq: 16 Dec 2017 3:56

Tgt Ion: 136 Resp: 605311

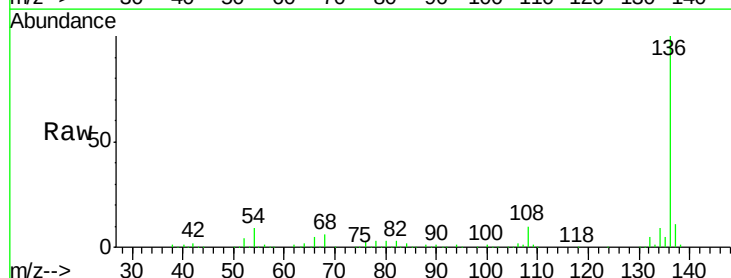
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.8 6.6 9.8

68 6.3 5.0 7.4

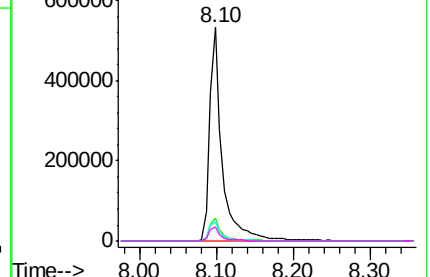
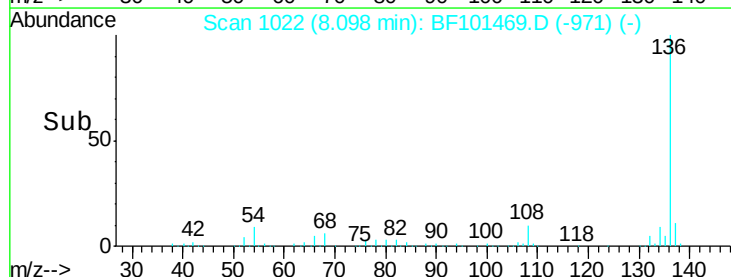


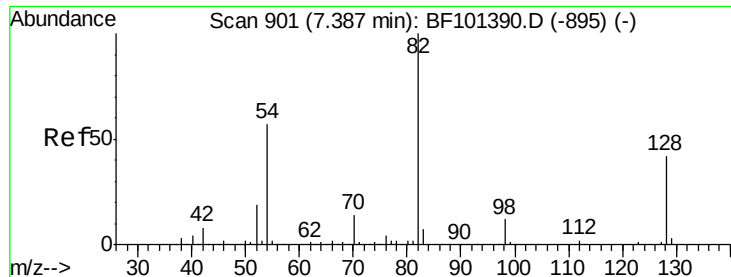
Abundance Ion 136.00 (135.70 to 136.70): E

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

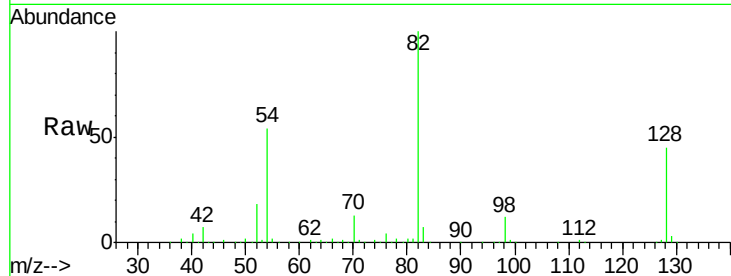




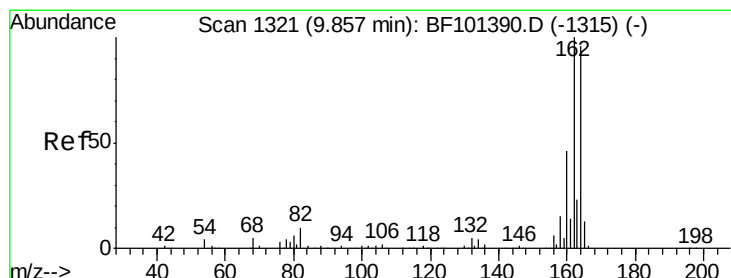
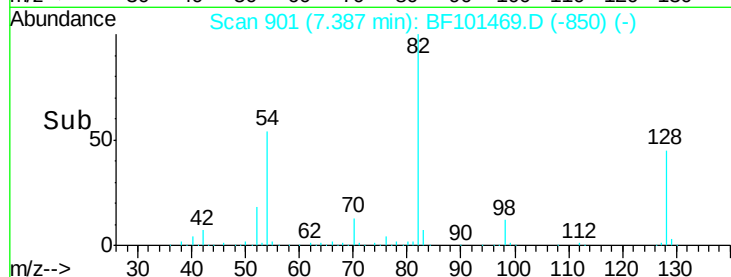
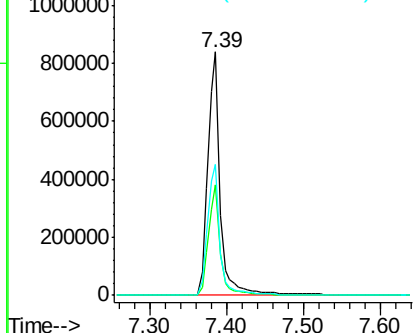
#23
 Nitrobenzene-d5
 Concen: 86.283 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF101469.D
 Acq: 16 Dec 2017 3:56

Instrument :
 BNA_F
 ClientSampleId :
 121117-TIDO-E-U-M

Tgt Ion: 82 Resp: 938240
 Ion Ratio Lower Upper
 82 100
 128 45.2 36.1 54.1
 54 54.0 41.4 62.2

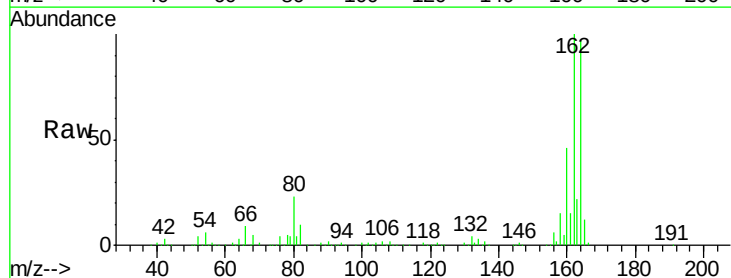


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

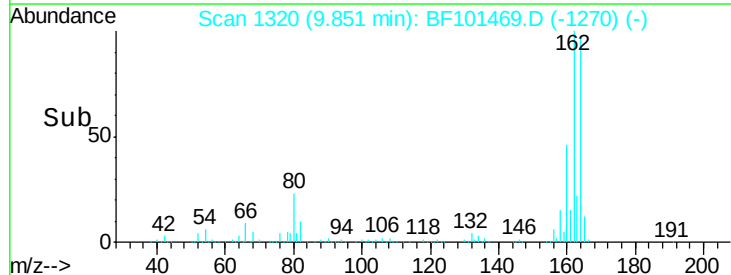
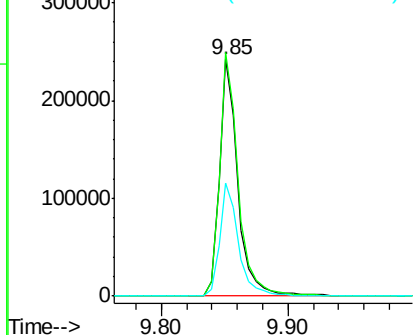


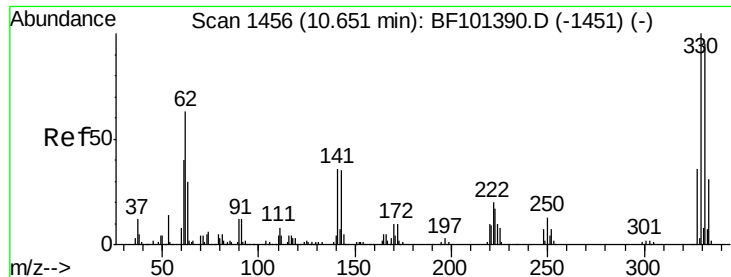
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF101469.D
 Acq: 16 Dec 2017 3:56

Tgt Ion: 164 Resp: 246066
 Ion Ratio Lower Upper
 164 100
 162 102.9 86.1 129.1
 160 47.7 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

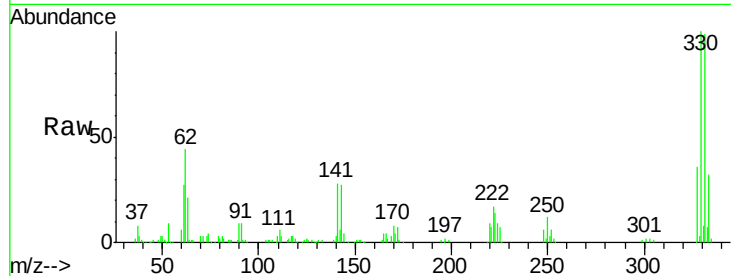




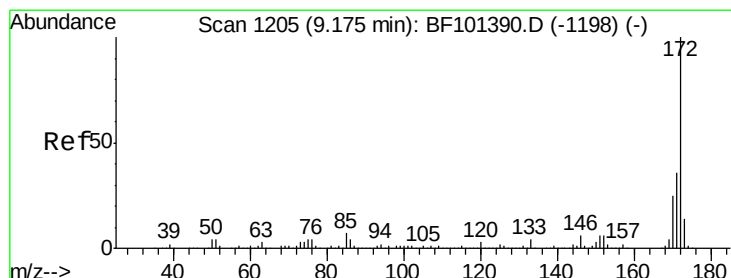
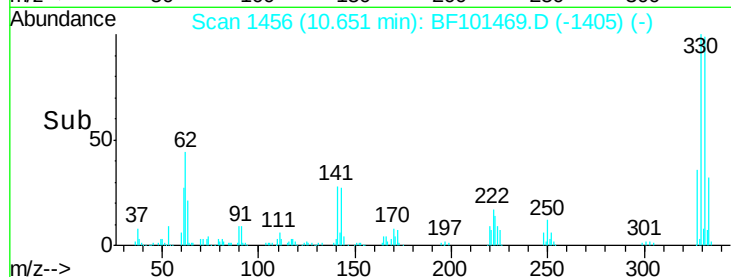
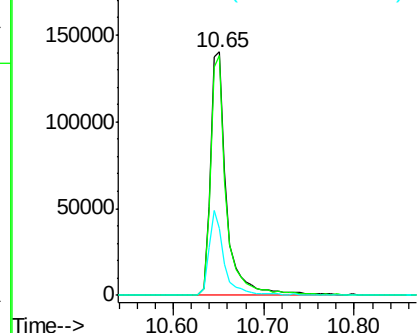
#41
 2,4,6-Tribromophenol
 Concen: 74.520 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.00 min
 Lab File: BF101469.D
 Acq: 16 Dec 2017 3:56

Instrument :
 BNA_F
 ClientSampleId :
 121117-TIDO-E-U-M

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	33.0	29.9	44.9

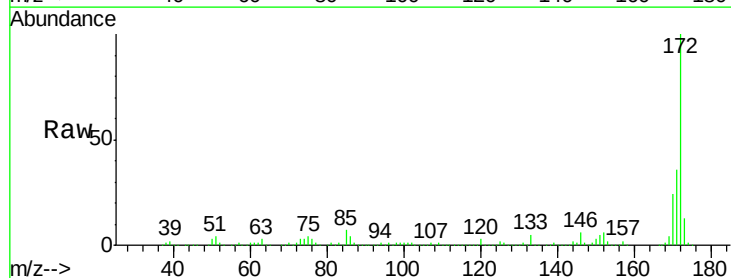


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

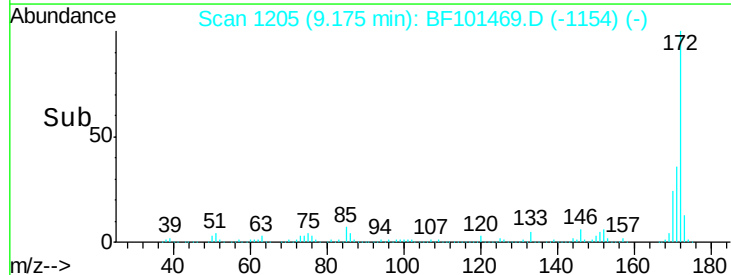
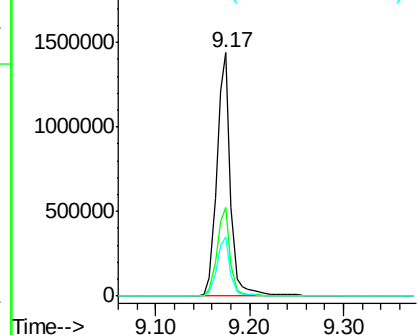


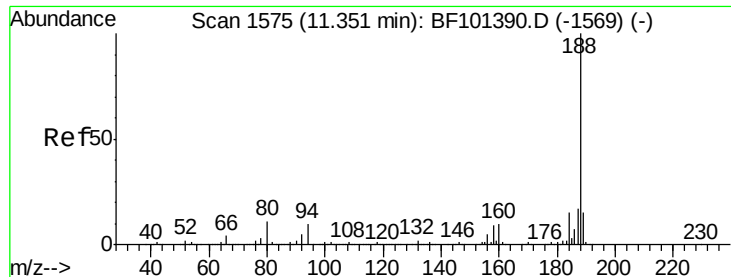
#44
 2-Fluorobiphenyl
 Concen: 94.198 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF101469.D
 Acq: 16 Dec 2017 3:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	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

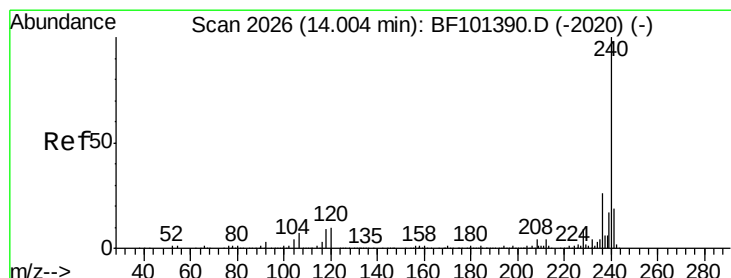
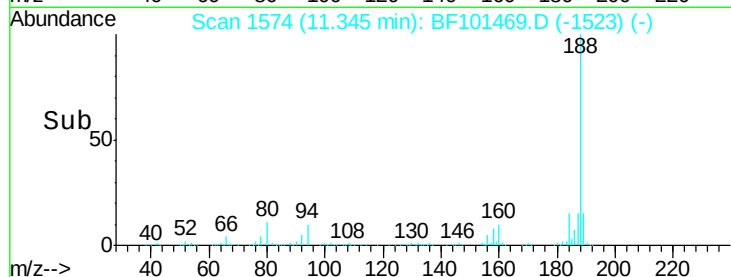
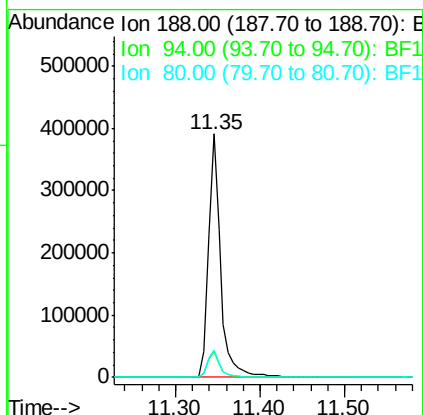
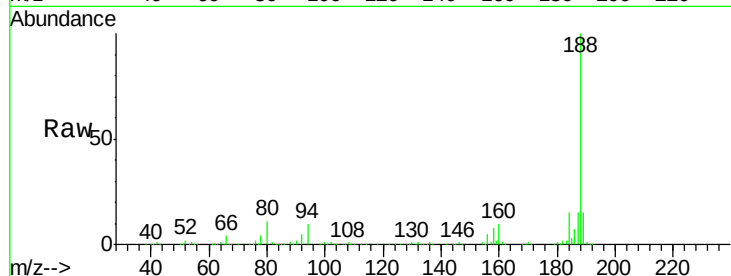




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF101469.D
Acq: 16 Dec 2017 3:56

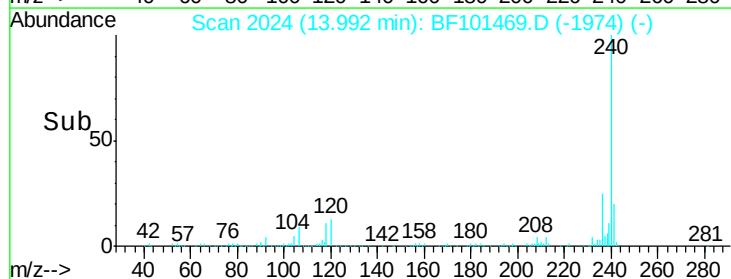
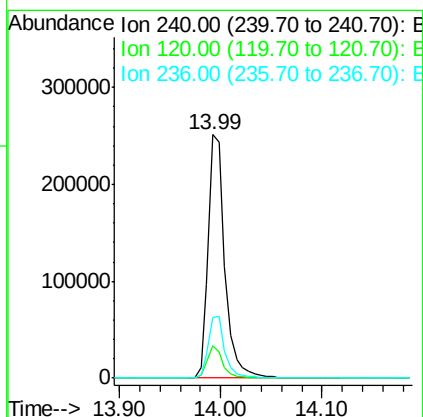
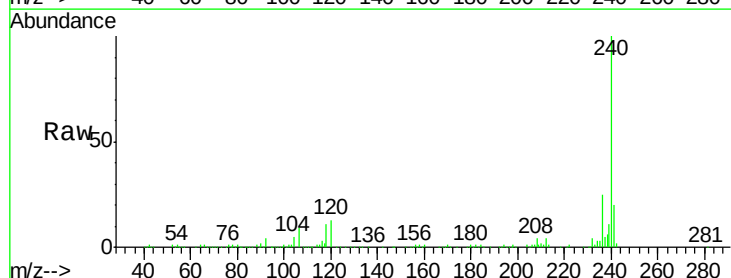
Instrument :
BNA_F
ClientSampleId :
121117-TIDO-E-U-M

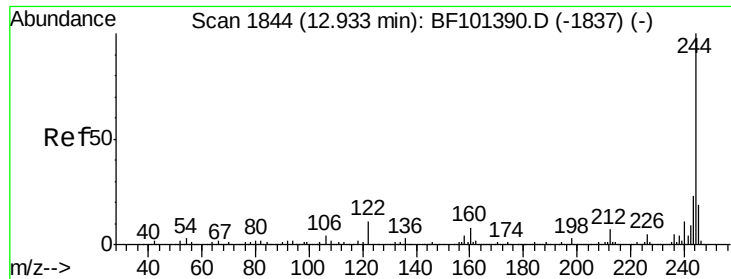
Tgt Ion:188 Resp: 393403
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF101469.D
Acq: 16 Dec 2017 3:56

Tgt Ion:240 Resp: 287305
Ion Ratio Lower Upper
240 100
120 13.2 9.5 14.3
236 24.7 20.7 31.1





#78

Terphenyl-d14

Concen: 88.388 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF101469.D

Acq: 16 Dec 2017 3:56

Instrument :

BNA_F

ClientSampleId :

121117-TIDO-E-U-M

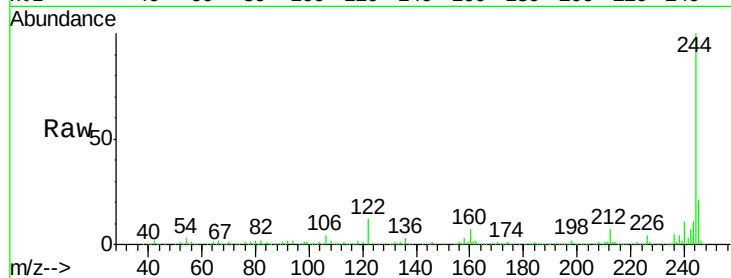
Tgt Ion:244 Resp: 1053370

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

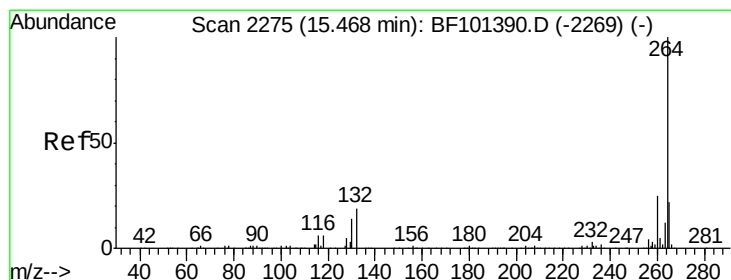
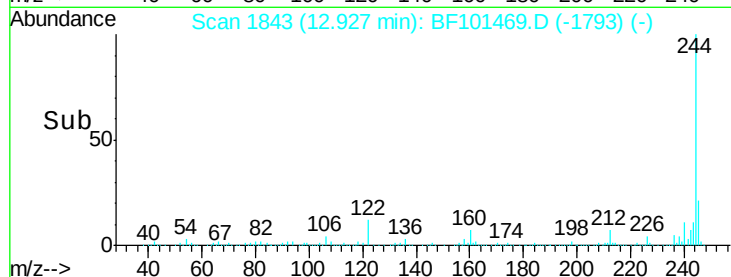
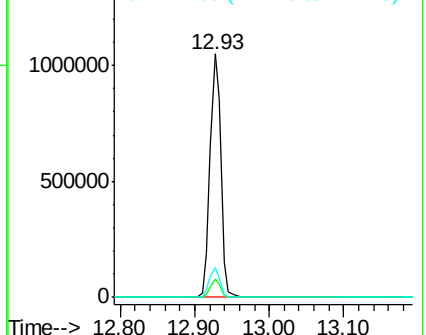
122 12.3 11.0 16.4



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: 15.47 min Scan# 2275

Delta R.T. 0.00 min

Lab File: BF101469.D

Acq: 16 Dec 2017 3:56

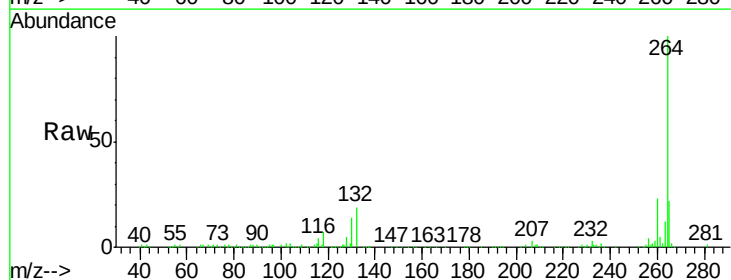
Tgt Ion:264 Resp: 249792

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.6 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

