

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101632.D
 Acq On : 22 Dec 2017 4:01
 Operator : SJ/JU
 Sample : I7008-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121817-DBRI-F-D-S

Quant Time: Dec 22 06:09:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	139370	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	530943	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	202842	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	314645	20.00	ng	0.00
75) Chrysene-d12	13.97	240	294154	20.00	ng	0.00
86) Perylene-d12	15.43	264	236867	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	348519	37.25	ng	0.00
7) Phenol-d6	6.44	99	259159	22.26	ng	0.00
23) Nitrobenzene-d5	7.37	82	820018	85.97	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	142055	72.68	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1263260	96.61	ng	0.00
78) Terphenyl-d14	12.90	244	854087	70.00	ng	0.00

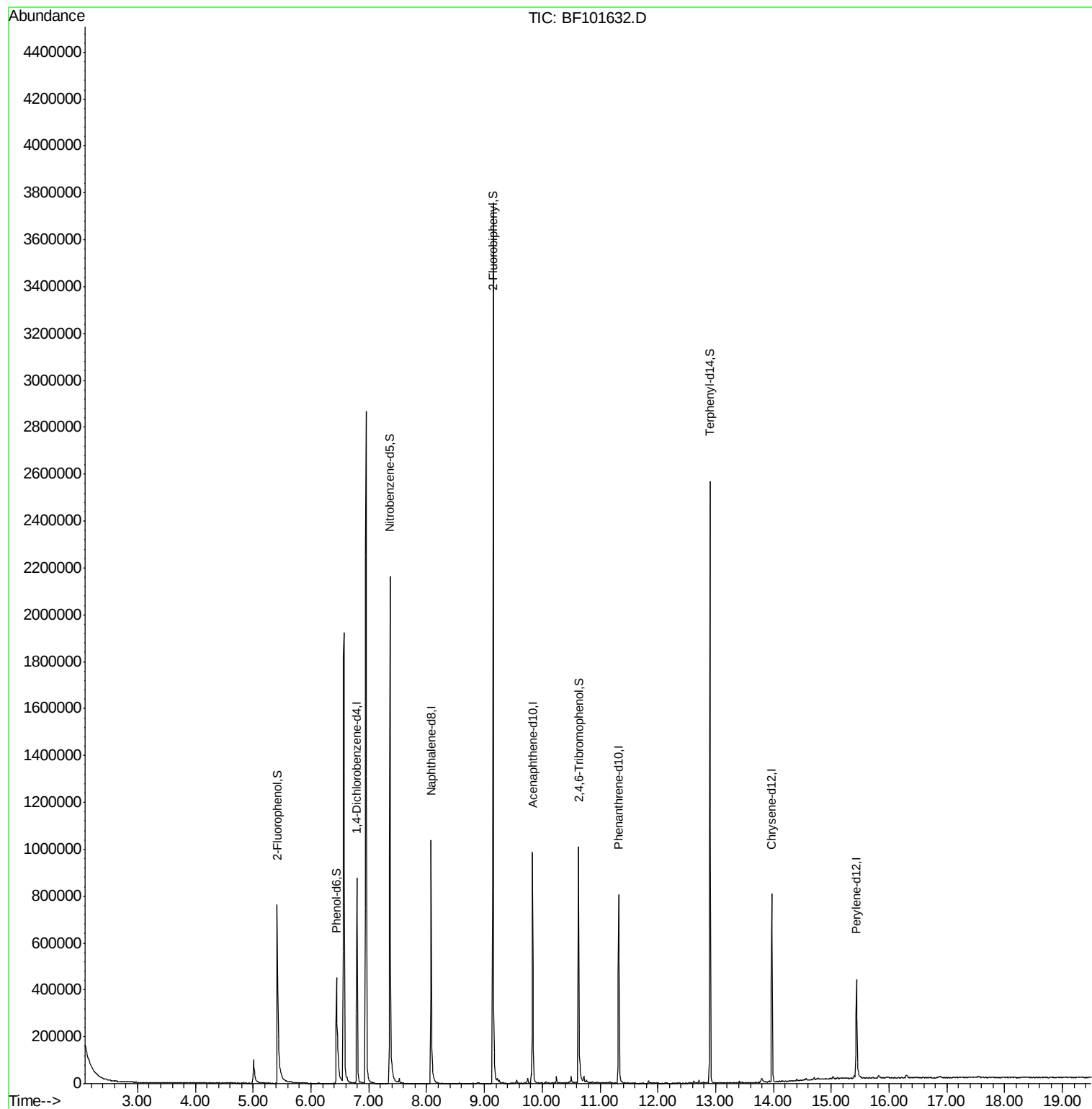
Target Compounds Qvalue

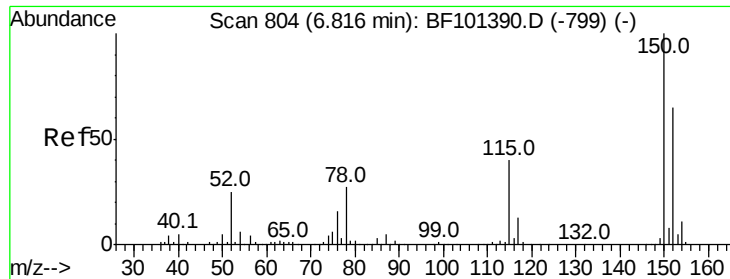
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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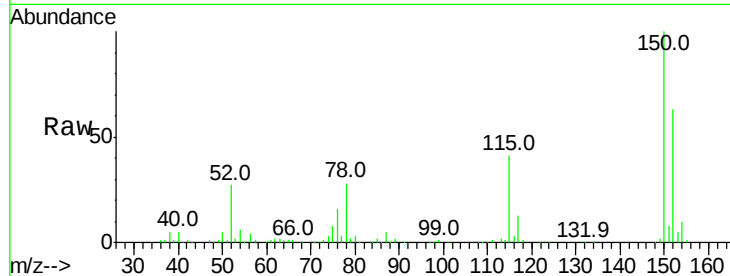


#1

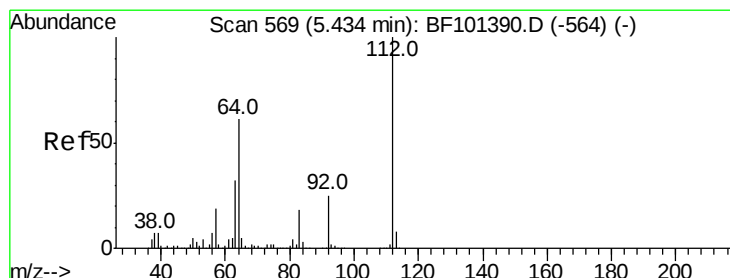
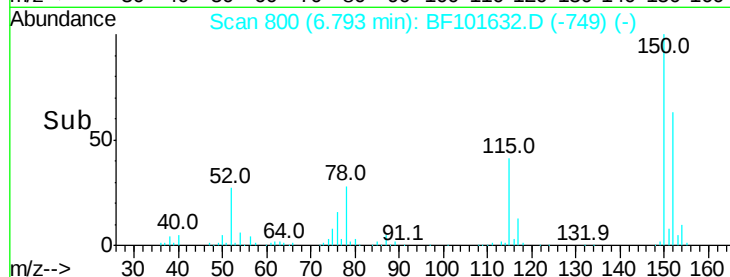
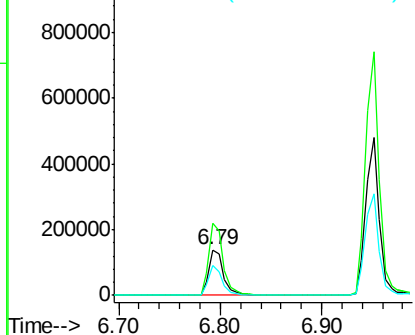
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF101632.D
 Acq: 22 Dec 2017 4:01

Instrument :
 BNA_F
 ClientSampleId :
 121817-DBRI-F-D-S

Tot Ion:152 Resp: 139370
 Ion Ratio Lower Upper
 152 100
 150 159.8 124.6 186.8
 115 64.8 50.1 75.1



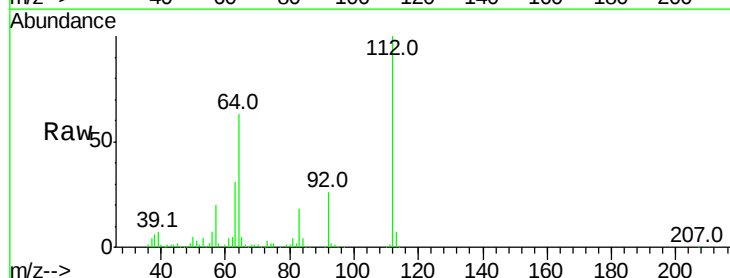
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



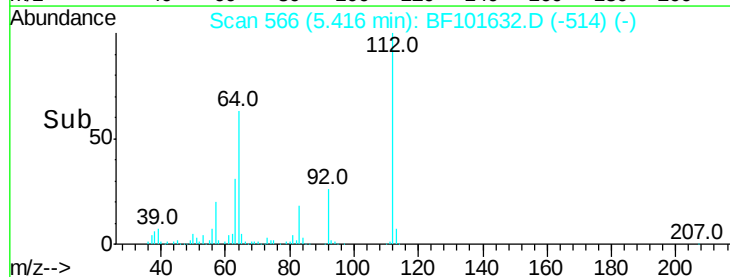
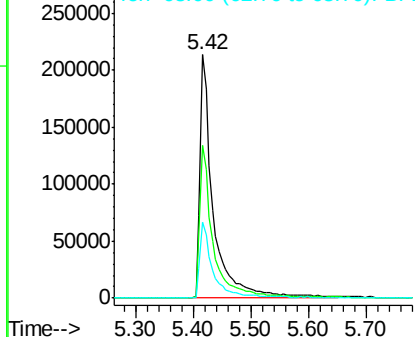
#5

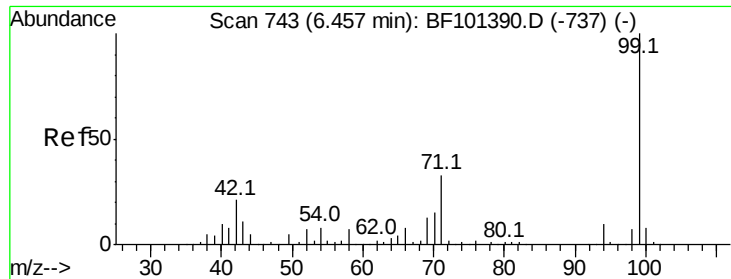
2-Fluorophenol
 Concen: 37.250 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF101632.D
 Acq: 22 Dec 2017 4:01

Tgt Ion:112 Resp: 348519
 Ion Ratio Lower Upper
 112 100
 64 62.7 47.9 71.9
 63 31.3 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: 22.256 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF101632.D

Acq: 22 Dec 2017 4:01

Instrument :

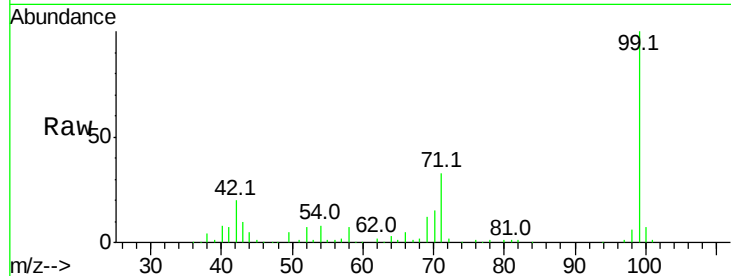
BNA_F

ClientSampleId :

121817-DBRI-F-D-S

Tot Ion: 99 Resp: 259159

Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.5	21.7
71	33.4	25.4	38.0

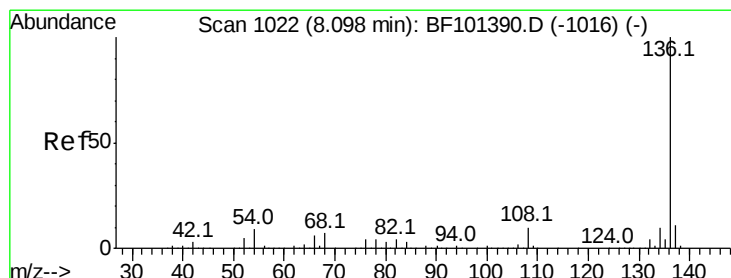
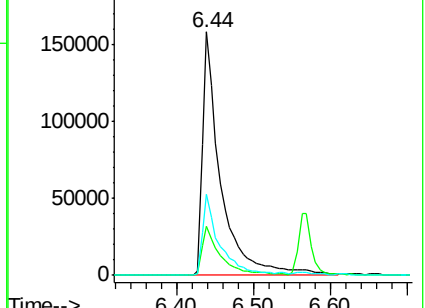
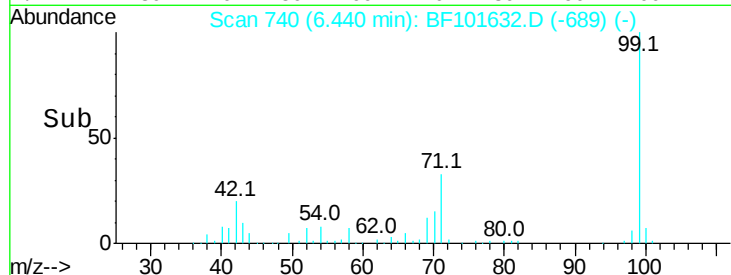


Abundance

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: 8.07 min Scan# 1018

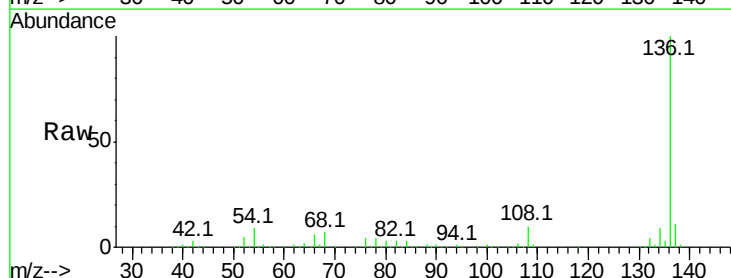
Delta R.T. -0.01 min

Lab File: BF101632.D

Acq: 22 Dec 2017 4:01

Tgt Ion: 136 Resp: 530943

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.3	6.6	9.8
68	6.8	5.0	7.4



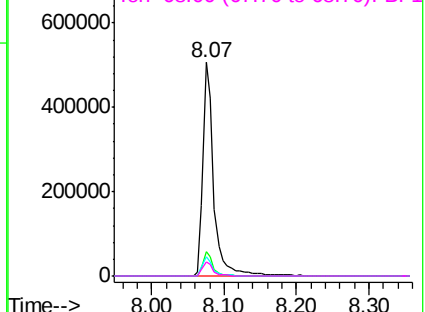
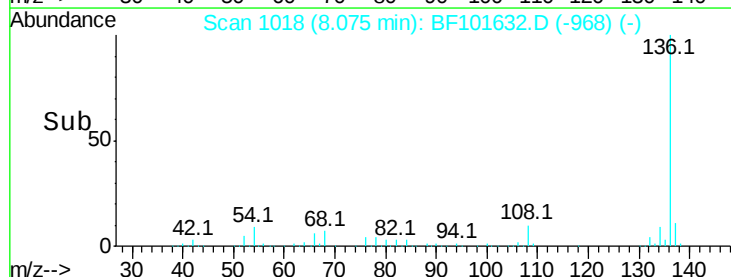
Abundance

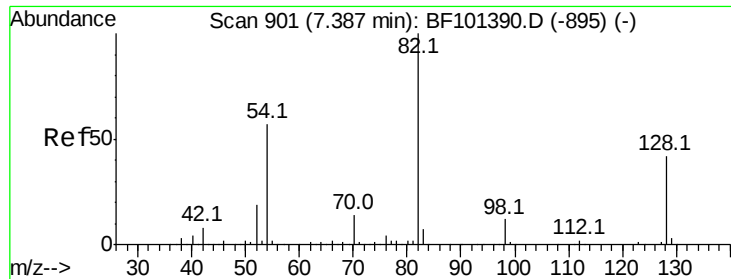
Ion 136.00 (135.70 to 136.70): E

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

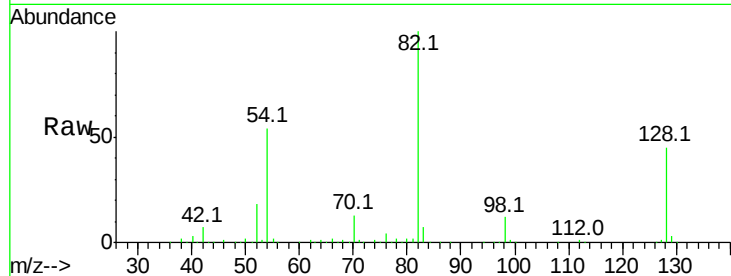




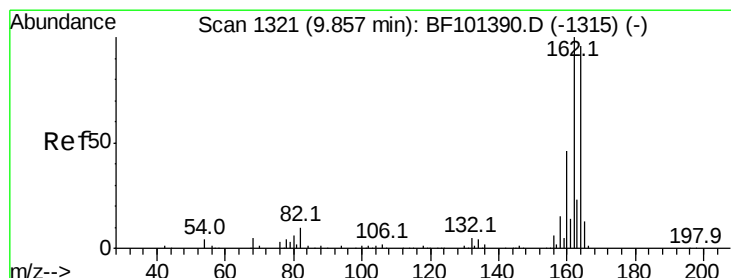
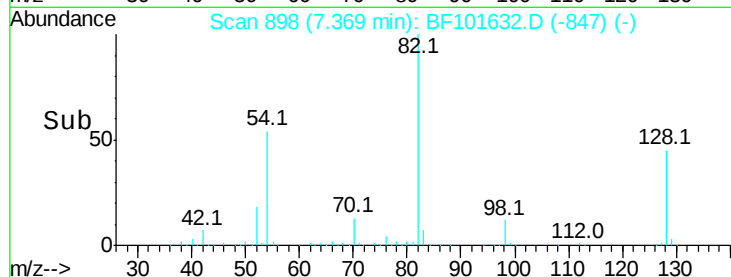
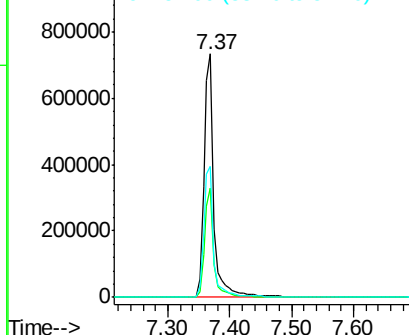
#23
Nitrobenzene-d5
Concen: 85.973 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF101632.D
Acq: 22 Dec 2017 4:01

Instrument :
BNA_F
ClientSampleId :
121817-DBRI-F-D-S

Tot Ion: 82 Resp: 820018
Ion Ratio Lower Upper
82 100
128 44.6 36.1 54.1
54 53.7 41.4 62.2

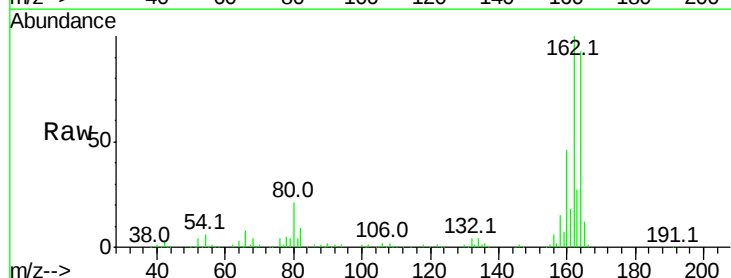


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

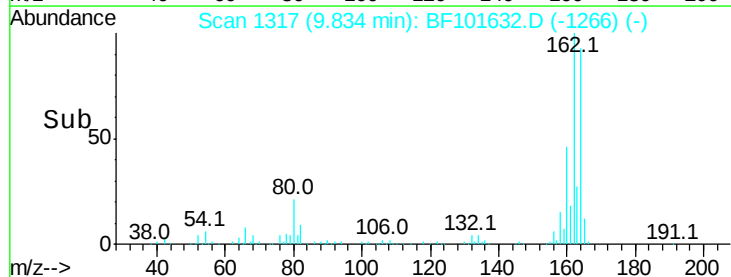
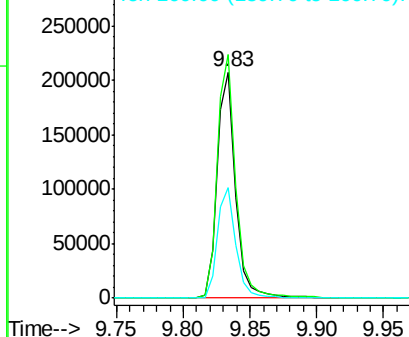


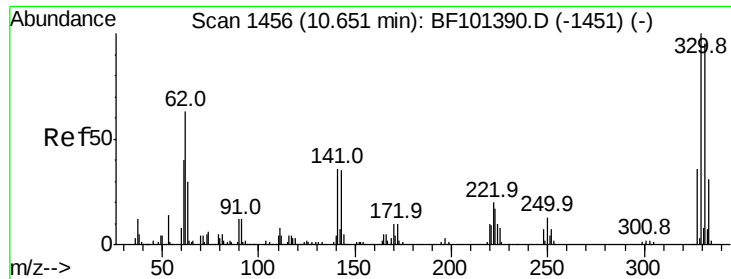
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF101632.D
Acq: 22 Dec 2017 4:01

Tgt Ion:164 Resp: 202842
Ion Ratio Lower Upper
164 100
162 107.7 86.1 129.1
160 49.0 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

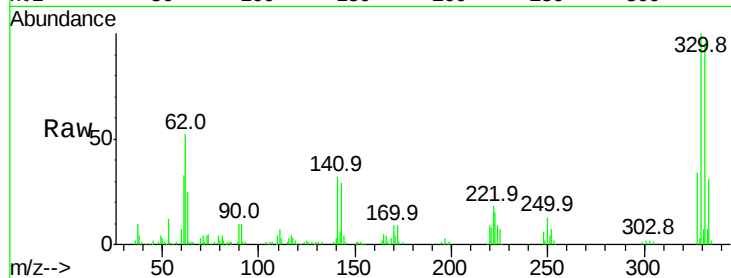




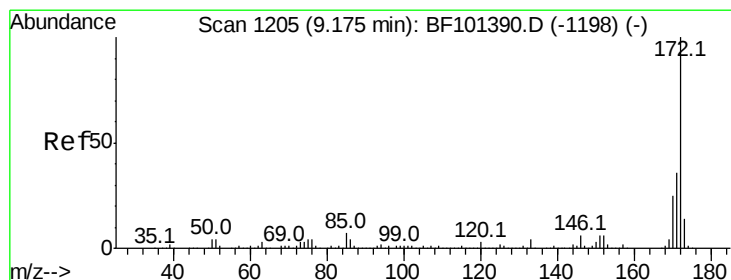
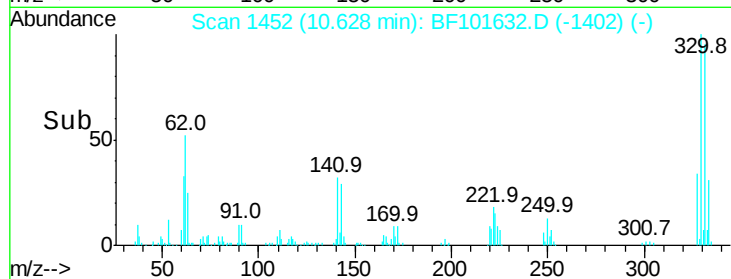
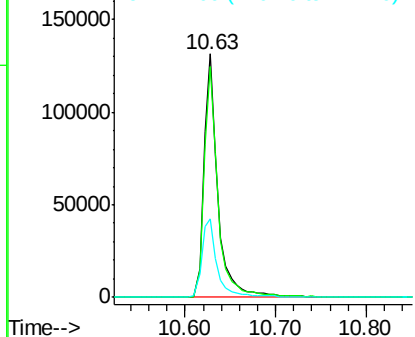
#41
 2,4,6-Tribromophenol
 Concen: 72.679 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101632.D
 Acq: 22 Dec 2017 4:01

Instrument :
 BNA_F
 ClientSampleId :
 121817-DBRI-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	35.3	29.9	44.9

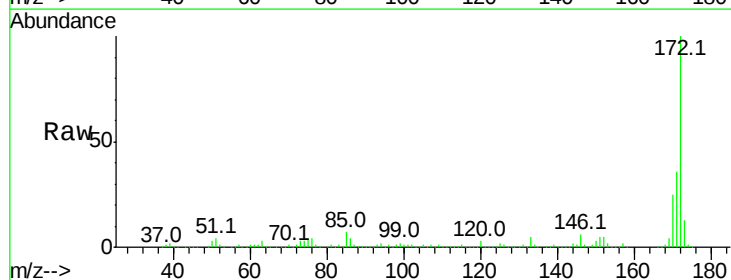


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

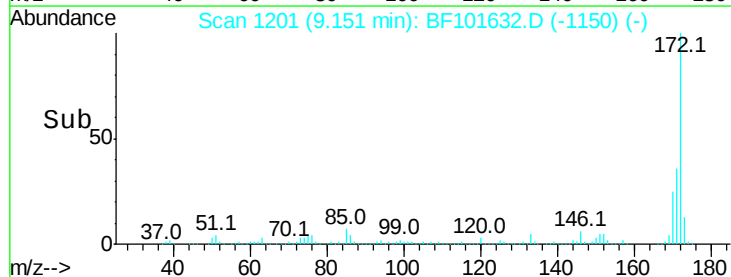
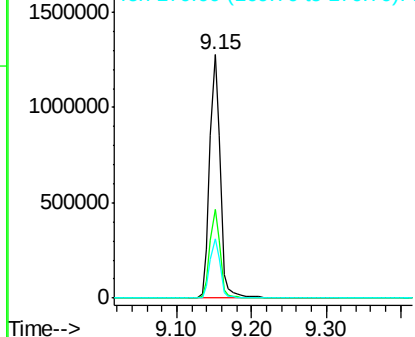


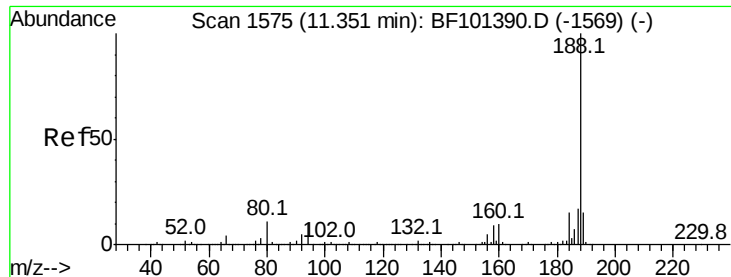
#44
 2-Fluorobiphenyl
 Concen: 96.608 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF101632.D
 Acq: 22 Dec 2017 4:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.6	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

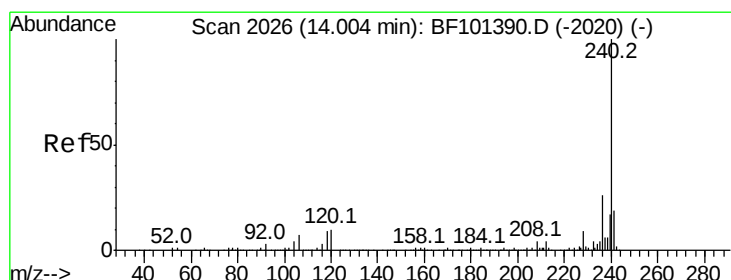
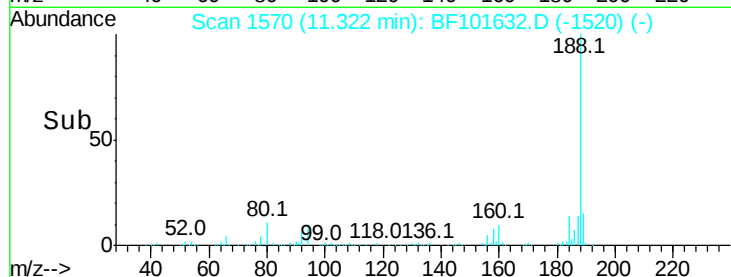
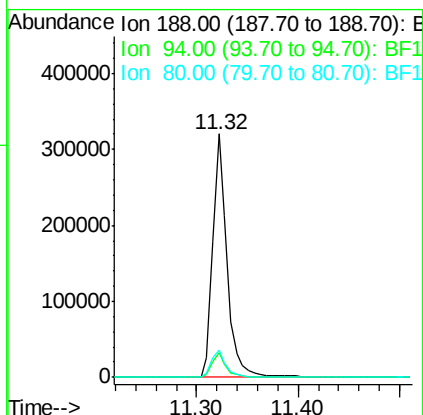
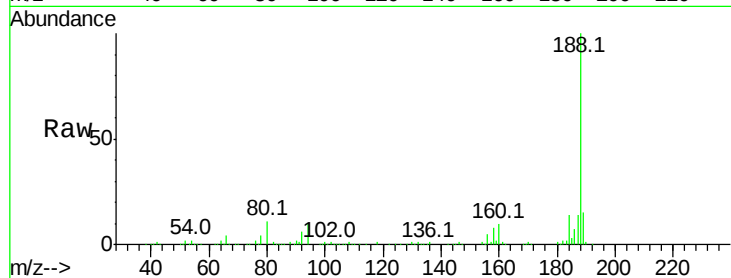




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101632.D
Acq: 22 Dec 2017 4:01

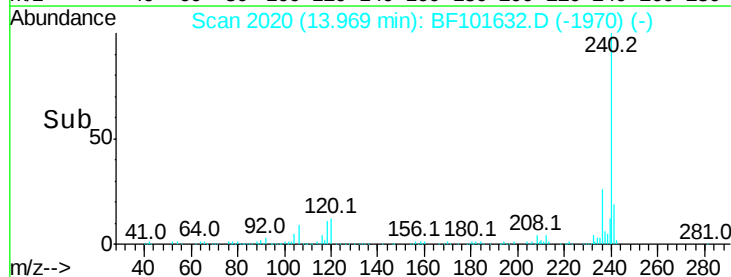
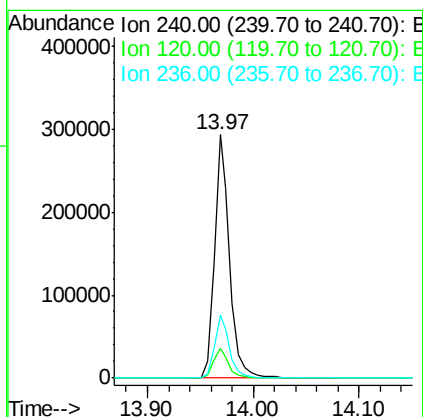
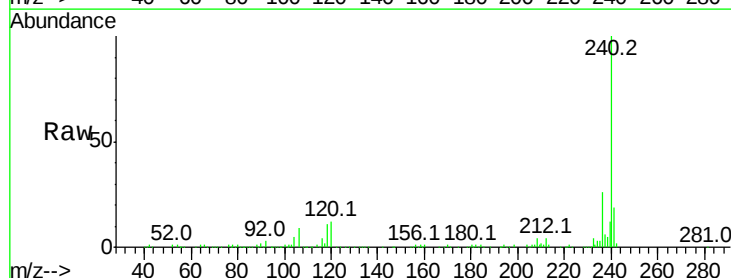
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121817-DBRI-F-D-S

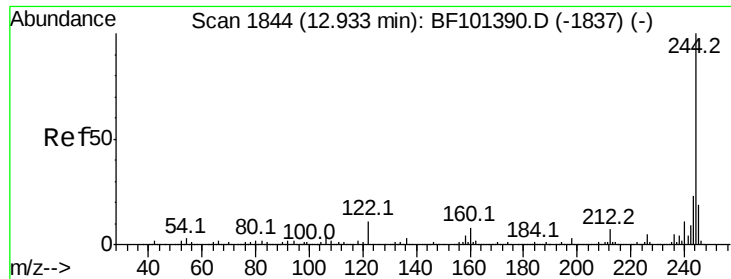
Tot Ion:188 Resp: 314645
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 11.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101632.D
Acq: 22 Dec 2017 4:01

Tgt Ion:240 Resp: 294154
Ion Ratio Lower Upper
240 100
120 12.5 9.5 14.3
236 25.8 20.7 31.1





#78

Terphenyl-d14

Concen: 69.998 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101632.D

Acq: 22 Dec 2017 4:01

Instrument :

BNA_F

ClientSampleId :

121817-DBRI-F-D-S

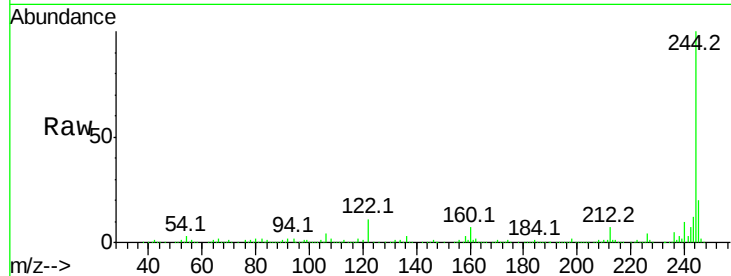
Tot Ion:244 Resp: 854087

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

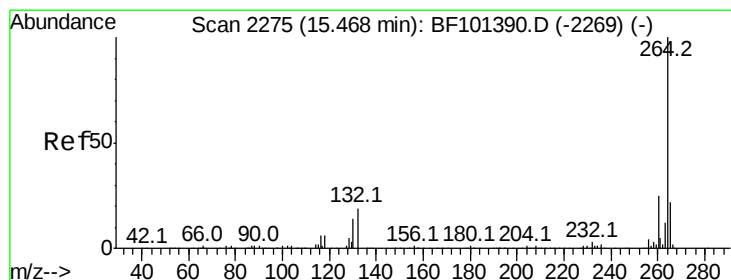
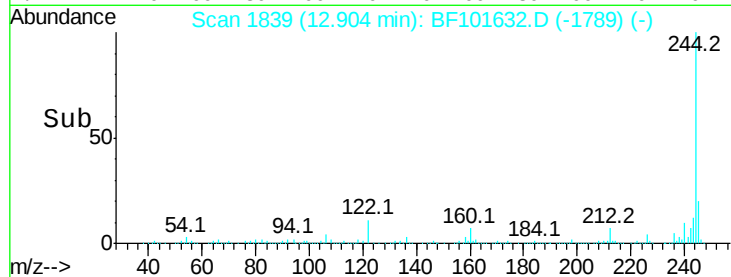
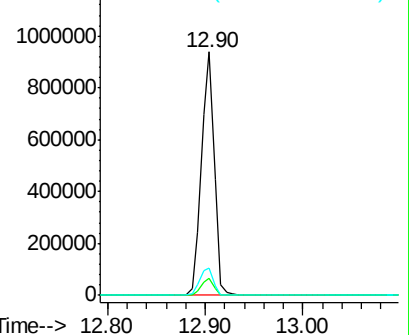
122 11.2 11.0 16.4



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: 15.43 min Scan# 2269

Delta R.T. 0.00 min

Lab File: BF101632.D

Acq: 22 Dec 2017 4:01

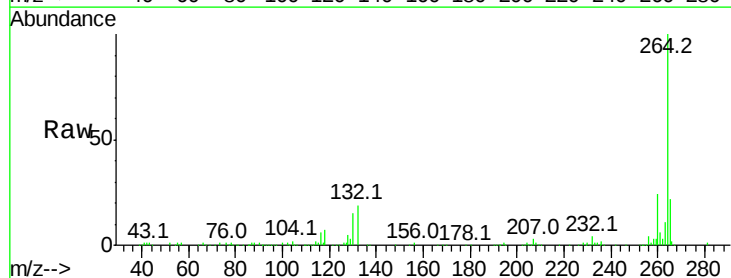
Tgt Ion:264 Resp: 236867

Ion Ratio Lower Upper

264 100

260 24.2 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

