

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101633.D
 Acq On : 22 Dec 2017 4:27
 Operator : SJ/JU
 Sample : I7008-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121817-DBRI-F-U-B

Quant Time: Dec 22 06:11:51 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

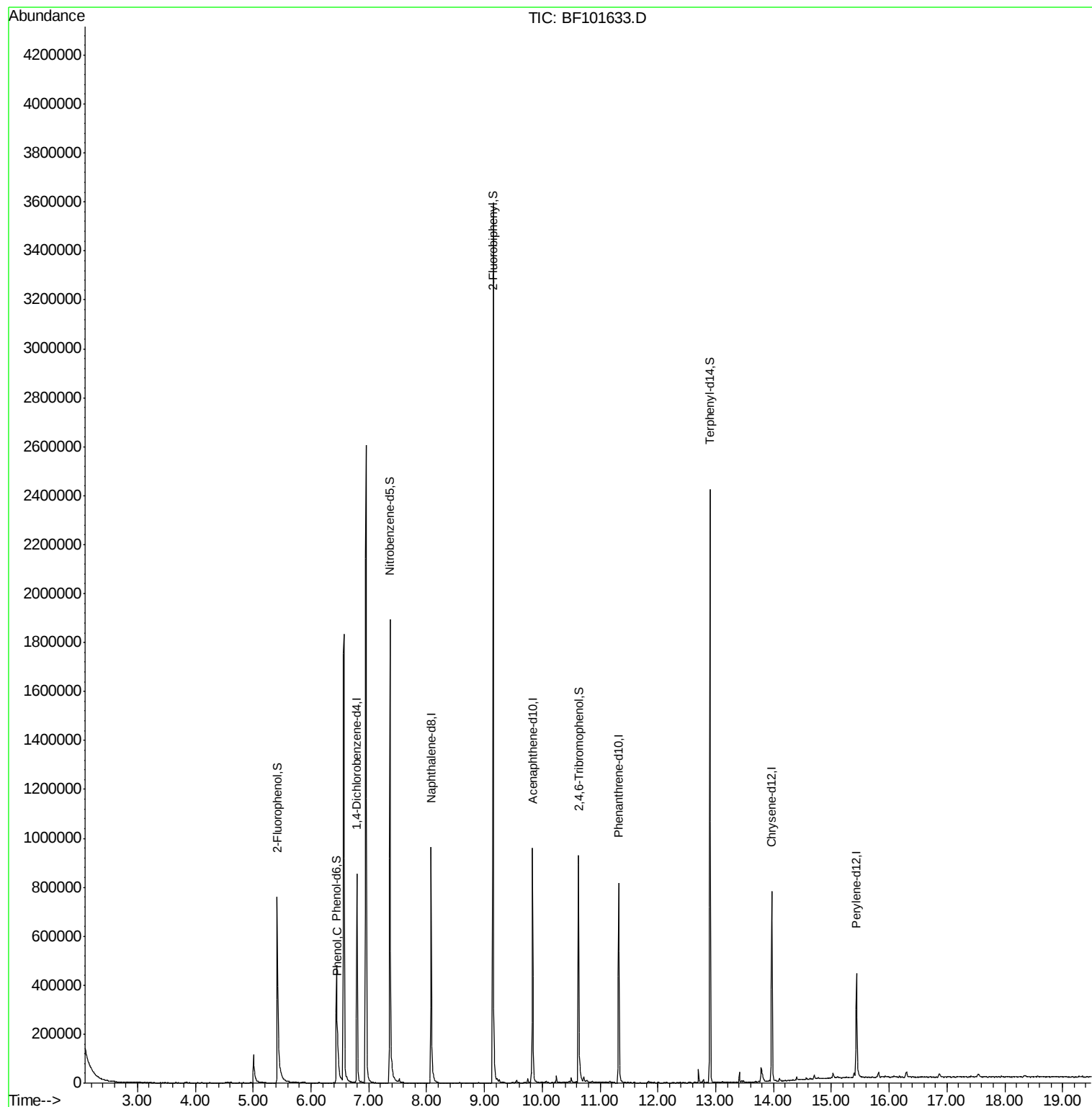
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	135380	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	517006	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	202359	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	310014	20.00	ng	0.00
75) Chrysene-d12	13.97	240	290042	20.00	ng	0.00
86) Perylene-d12	15.43	264	237034	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	341956	37.63	ng	0.00
7) Phenol-d6	6.44	99	269186	23.80	ng	0.00
23) Nitrobenzene-d5	7.37	82	763107	82.16	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	135103	69.29	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1198031	91.84	ng	0.00
78) Terphenyl-d14	12.90	244	818250	68.01	ng	0.00
Target Compounds						
10) Phenol	6.46	94	26702	2.071	ng	Qvalue # 76

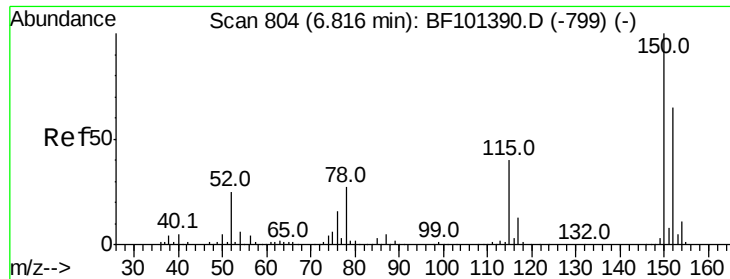
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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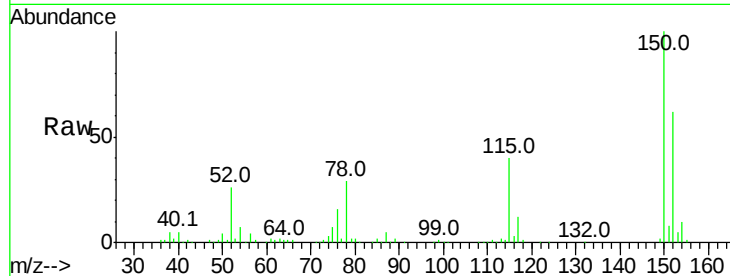


#1

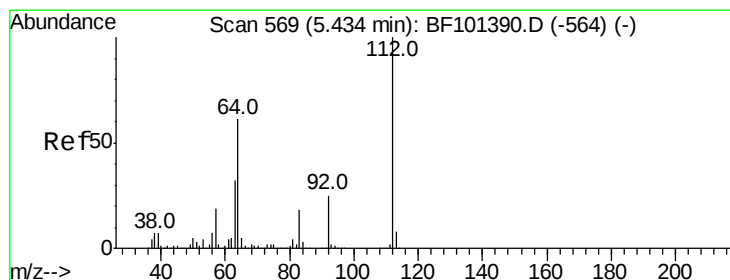
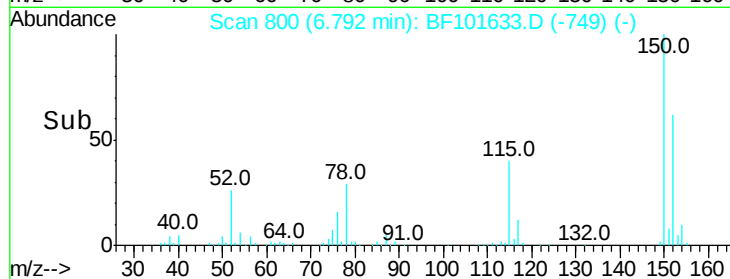
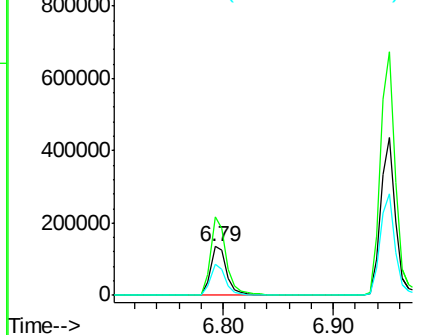
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF101633.D
Acq: 22 Dec 2017 4:27

Instrument :
BNA_F
ClientSampleId :
121817-DBRI-F-U-B

Tot Ion:152 Resp: 135380
Ion Ratio Lower Upper
152 100
150 161.0 124.6 186.8
115 64.5 50.1 75.1



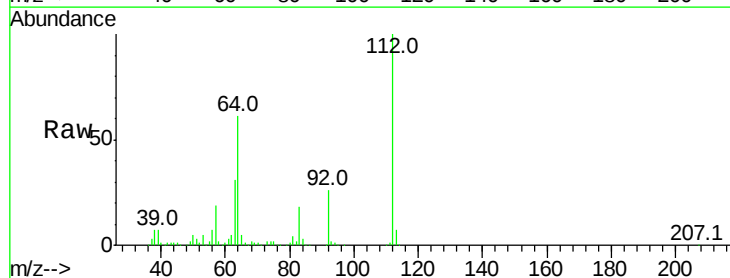
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



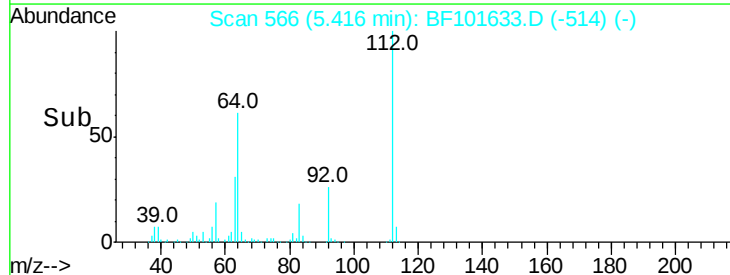
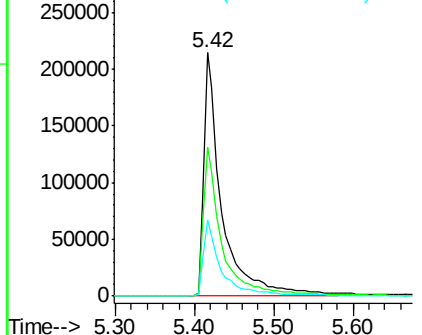
#5

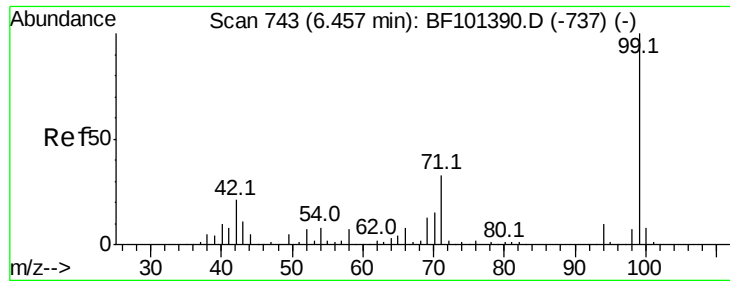
2-Fluorophenol
Concen: 37.625 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101633.D
Acq: 22 Dec 2017 4:27

Tgt Ion:112 Resp: 341956
Ion Ratio Lower Upper
112 100
64 61.4 47.9 71.9
63 31.2 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: 23.799 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF101633.D

Acq: 22 Dec 2017 4:27

Instrument :

BNA_F

ClientSampleId :

121817-DBRI-F-U-B

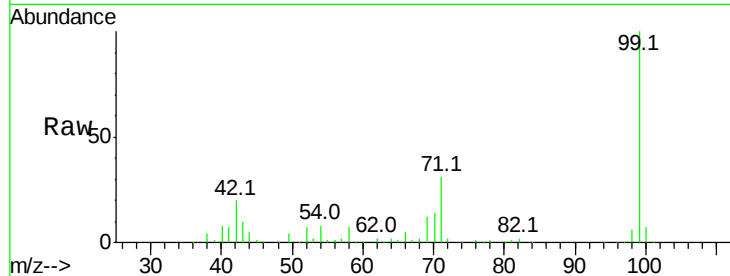
Tot Ion: 99 Resp: 269186

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

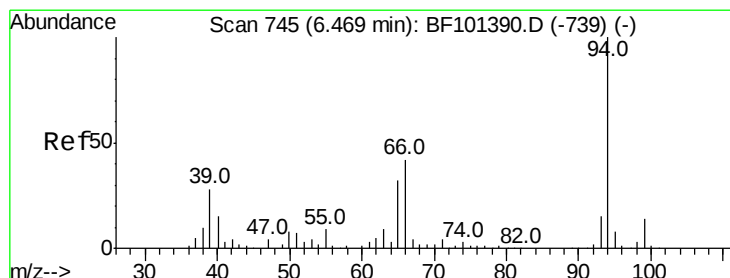
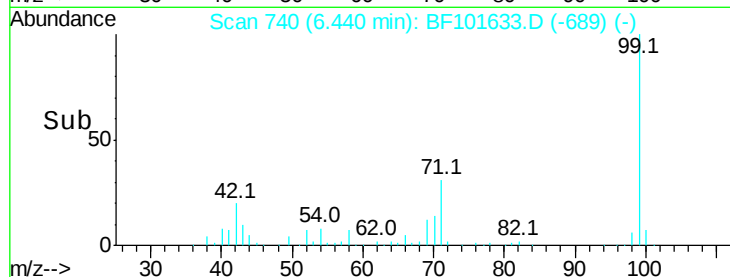
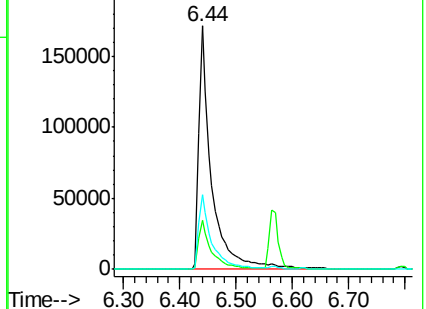
71 30.7 25.4 38.0



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: 2.071 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101633.D

Acq: 22 Dec 2017 4:27

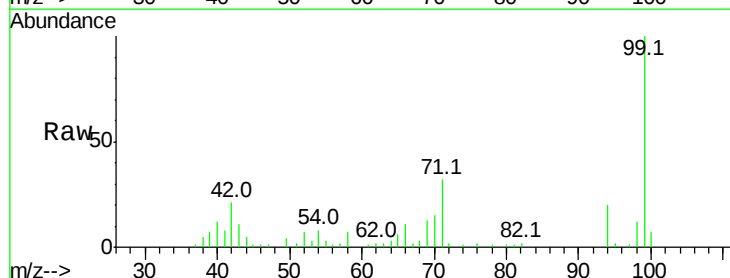
Tgt Ion: 94 Resp: 26702

Ion Ratio Lower Upper

94 100

65 32.8 7.9 47.9

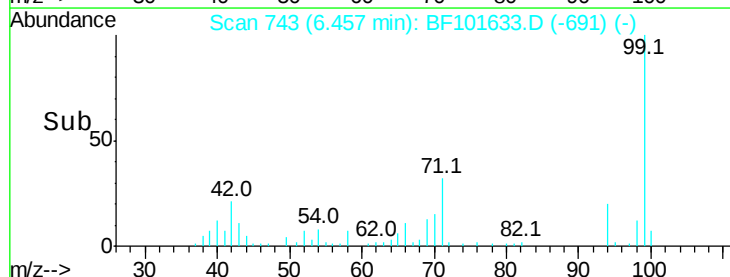
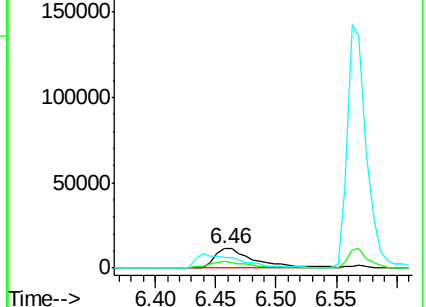
66 57.5 16.2 56.2#



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

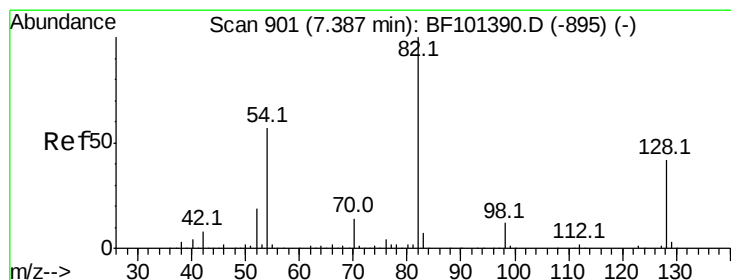
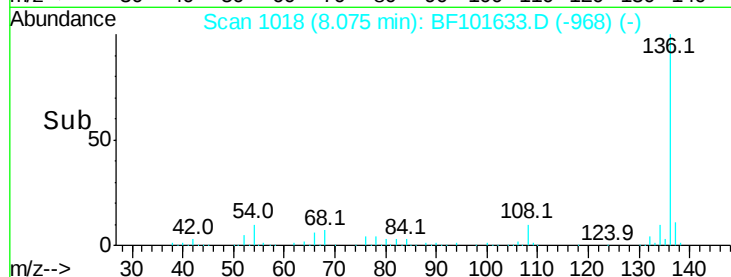
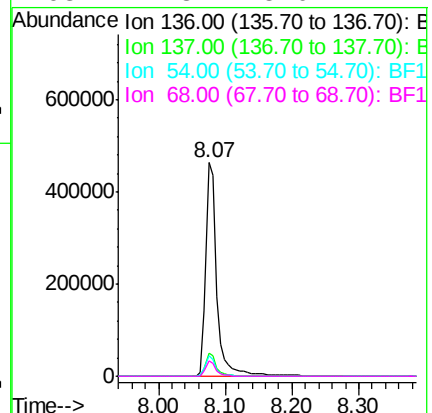
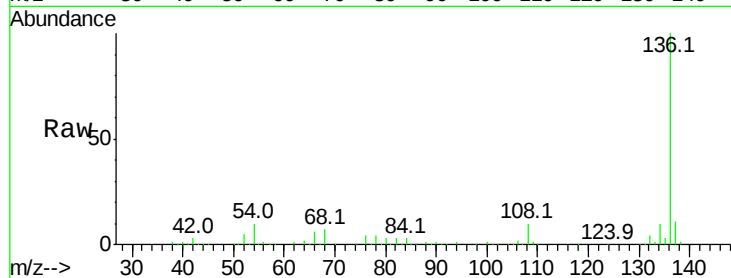




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF101633.D
Acq: 22 Dec 2017 4:27

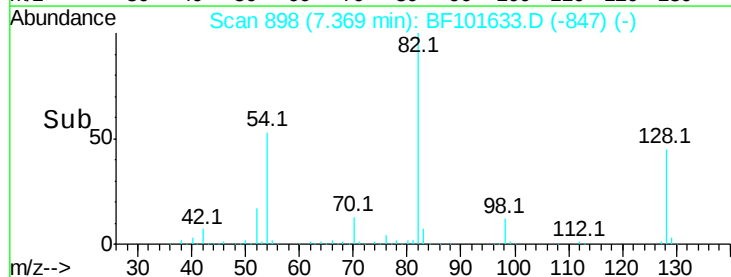
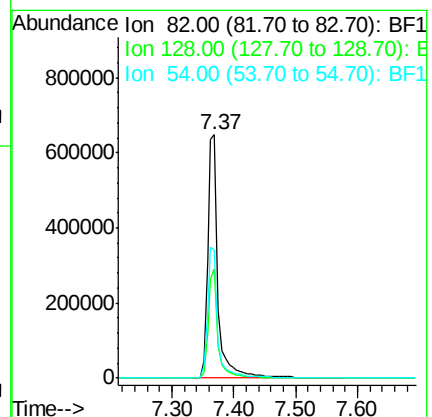
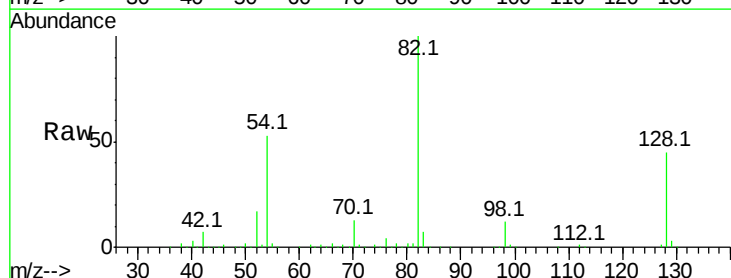
Instrument :
BNA_F
ClientSampleId :
121817-DBRI-F-U-B

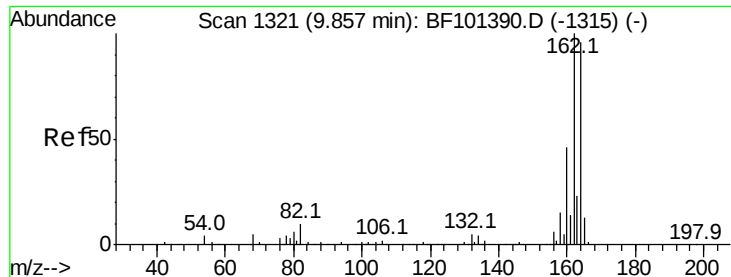
Tot Ion:	136	Resp:	517006
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.7	6.6	9.8
68	7.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 82.163 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF101633.D
Acq: 22 Dec 2017 4:27

Tgt Ion:	82	Resp:	763107
Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	52.8	41.4	62.2

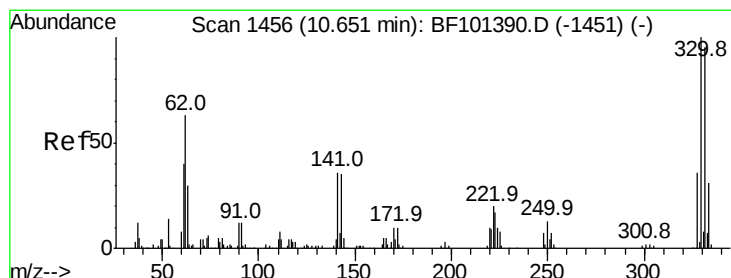
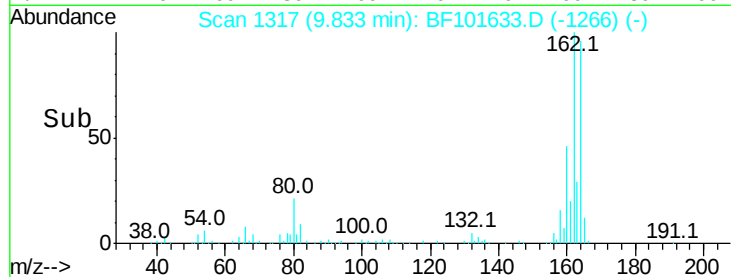
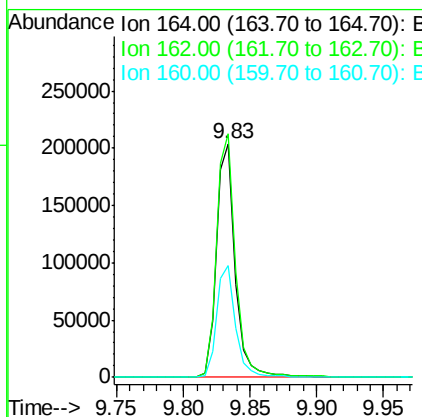
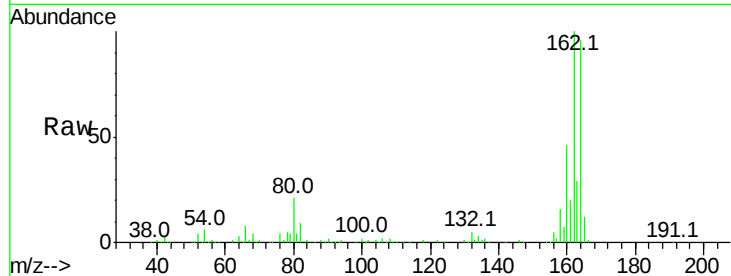




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF101633.D
 Acq: 22 Dec 2017 4:27

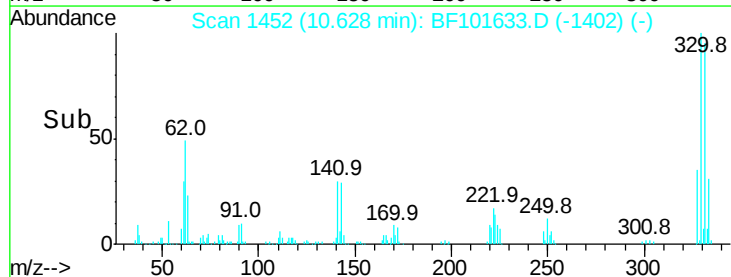
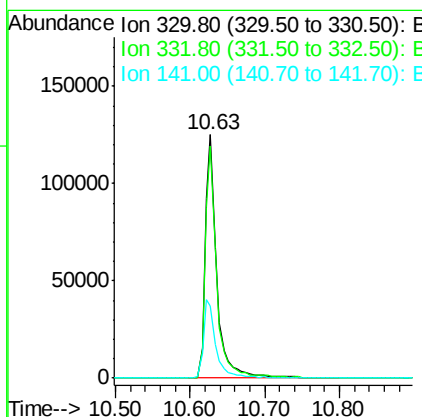
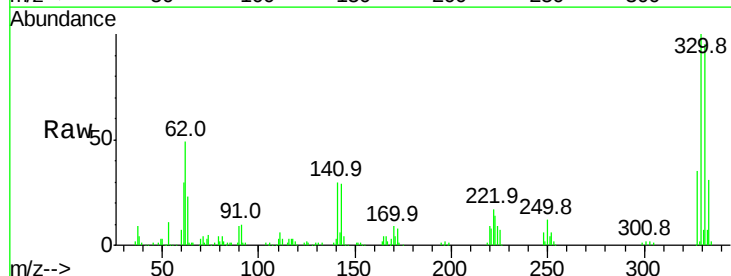
Instrument :
 BNA_F
 ClientSampleId :
 121817-DBRI-F-U-B

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	48.1	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 69.288 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101633.D
 Acq: 22 Dec 2017 4:27

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	35.5	29.9	44.9

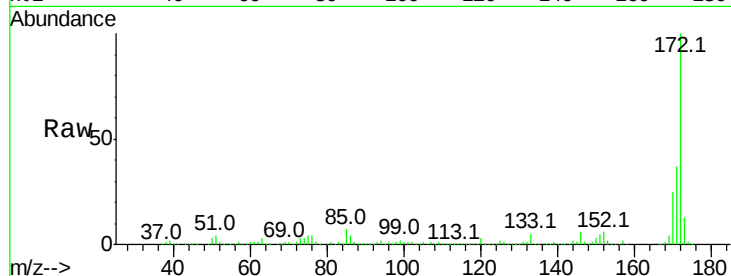




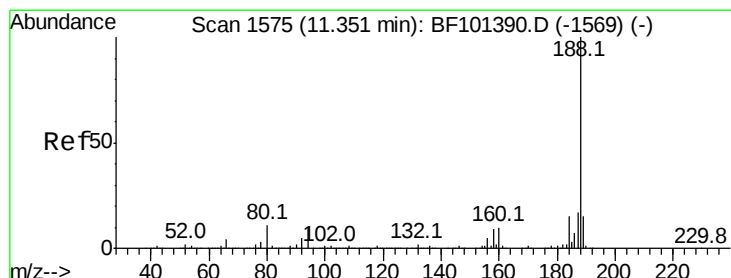
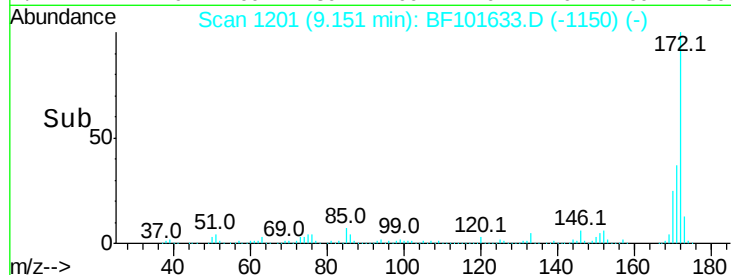
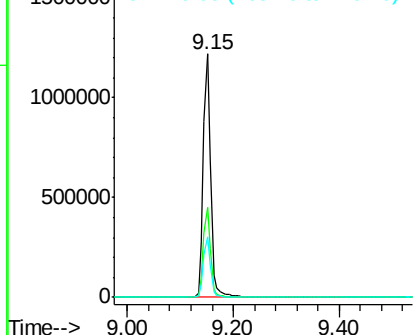
#44
 2-Fluorobiphenyl
 Concen: 91.839 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF101633.D
 Acq: 22 Dec 2017 4:27

Instrument :
 BNA_F
 ClientSampleId :
 121817-DBRI-F-U-B

Tot Ion:172 Resp: 1198031
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 24.7 19.6 29.4

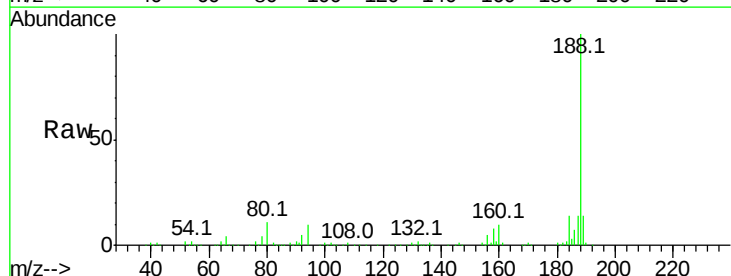


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

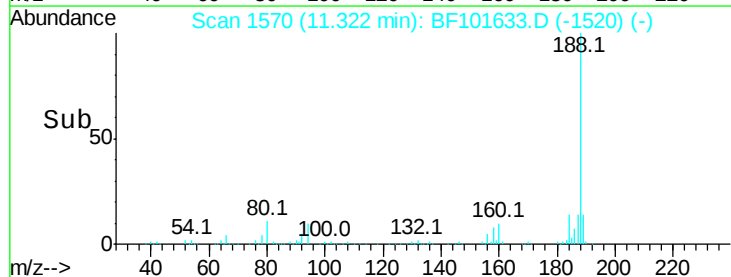
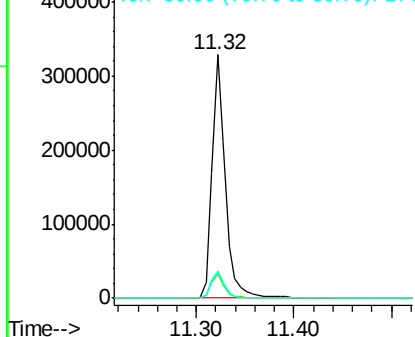


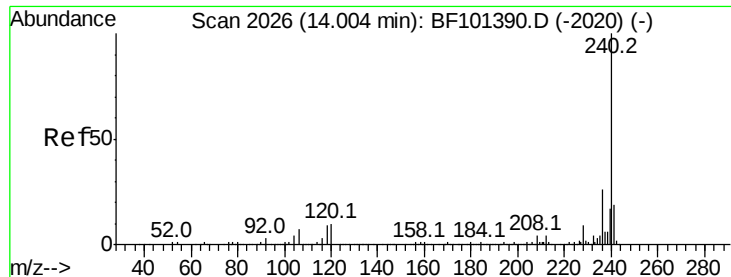
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF101633.D
 Acq: 22 Dec 2017 4:27

Tgt Ion:188 Resp: 310014
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.5 12.7
 80 11.2 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF101633.D

Acq: 22 Dec 2017 4:27

Instrument :

BNA_F

ClientSampleId :

121817-DBRI-F-U-B

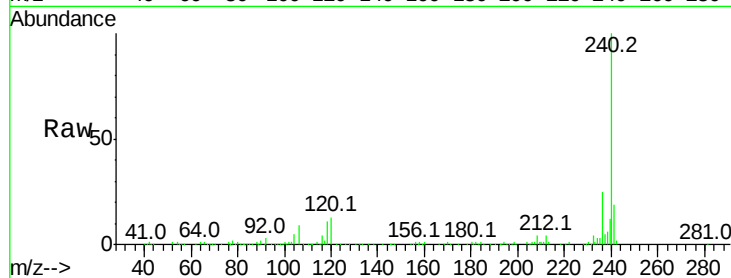
Tot Ion:240 Resp: 290042

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

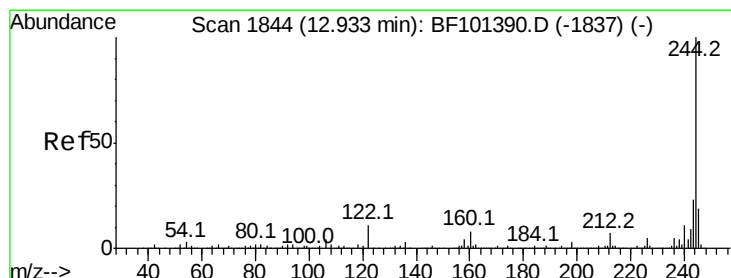
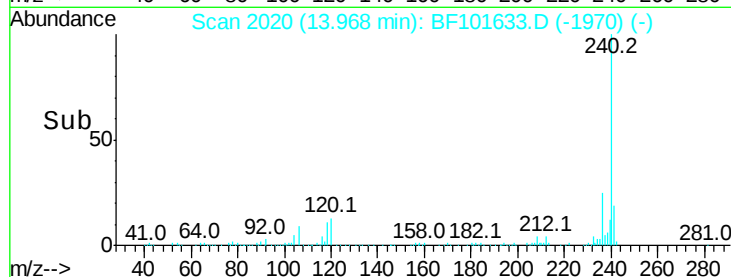
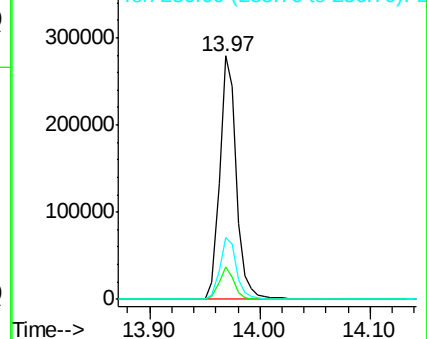
236 25.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 68.011 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101633.D

Acq: 22 Dec 2017 4:27

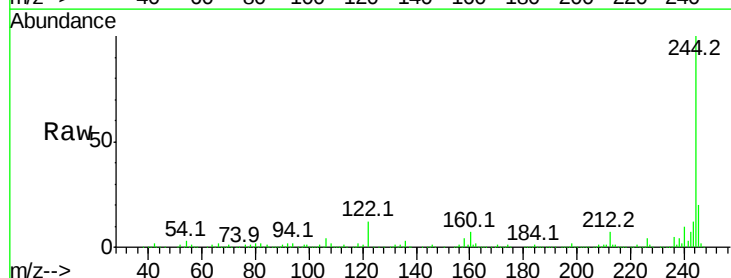
Tgt Ion:244 Resp: 818250

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

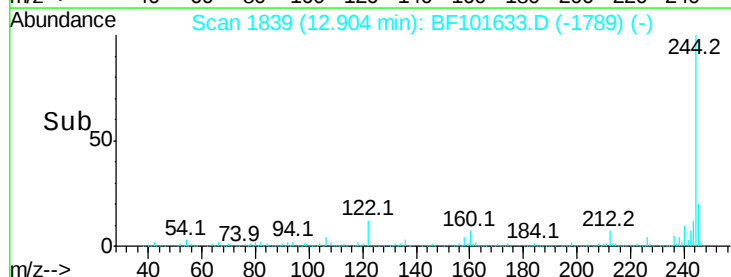
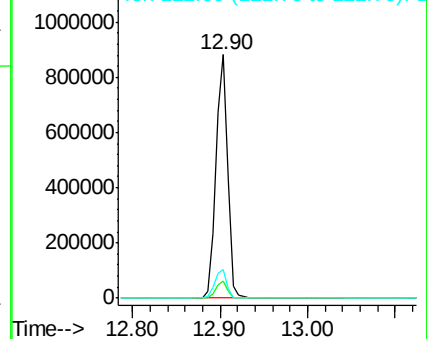
122 11.5 11.0 16.4

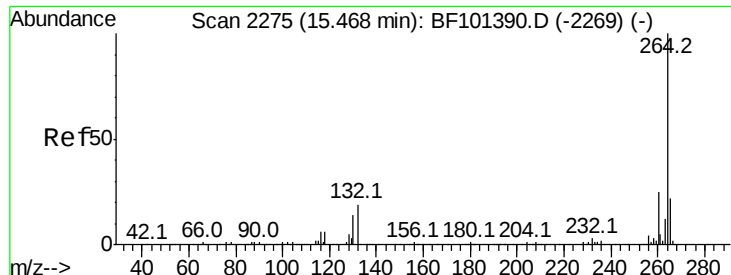


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

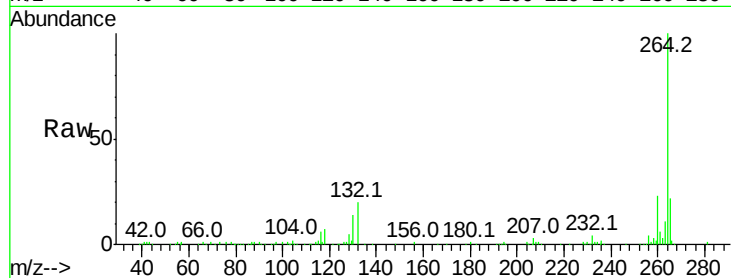




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.00 min
 Lab File: BF101633.D
 Acq: 22 Dec 2017 4:27

Instrument :
 BNA_F
 ClientSampleId :
 121817-DBRI-F-U-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.2	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

