

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101631.D
 Acq On : 22 Dec 2017 3:34
 Operator : SJ/JU
 Sample : I7008-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

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

Quant Time: Dec 22 06:06:23 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	132665	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	499558	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	192067	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	286632	20.00	ng	0.00
75) Chrysene-d12	13.97	240	272680	20.00	ng	0.00
86) Perylene-d12	15.43	264	220603	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	369864	41.53	ng	0.00
7) Phenol-d6	6.44	99	293782	26.50	ng	0.00
23) Nitrobenzene-d5	7.36	82	748216	83.37	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	125487	67.80	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1156670	93.42	ng	0.00
78) Terphenyl-d14	12.90	244	786490	69.53	ng	0.00

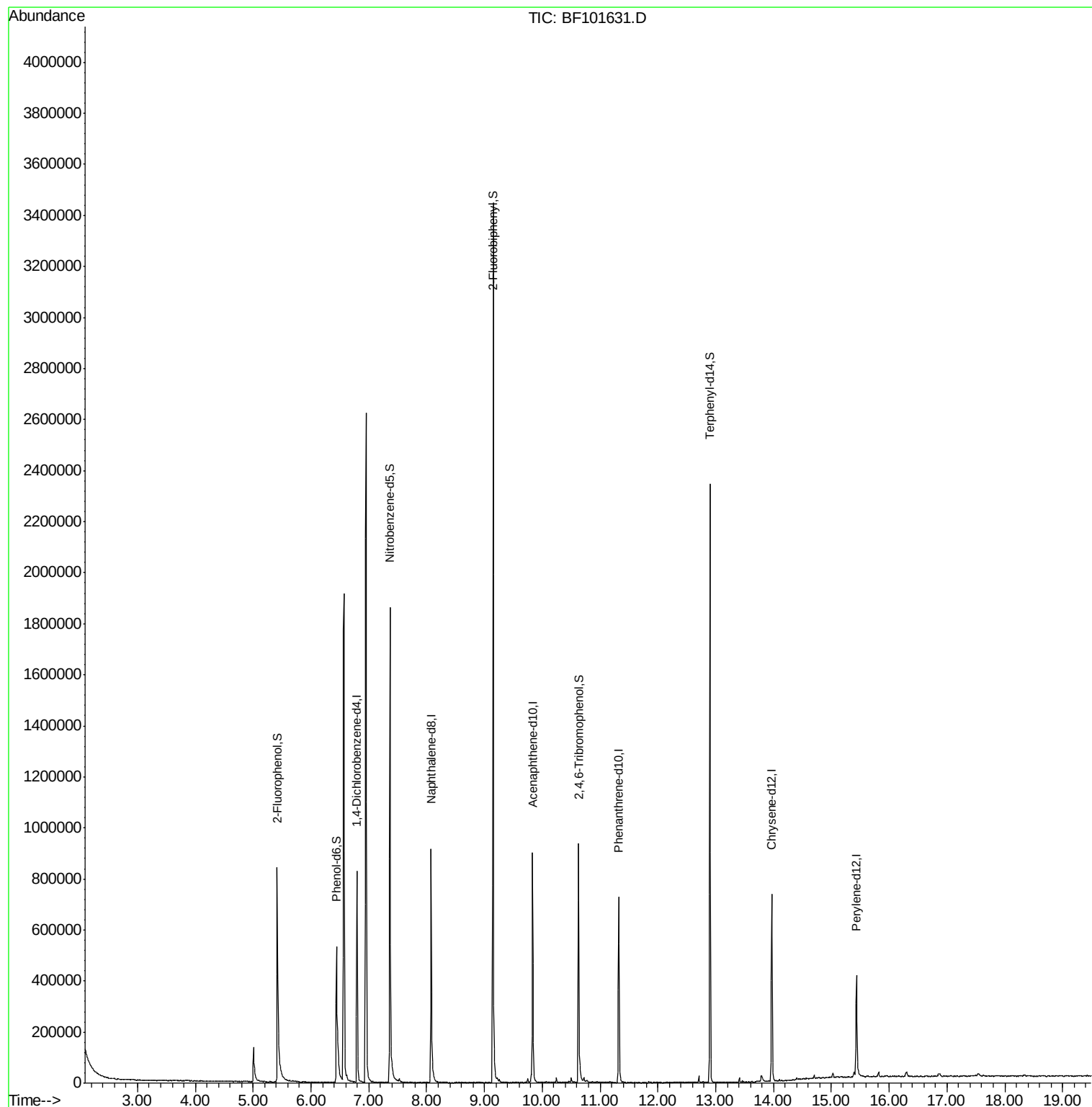
Target Compounds Qvalue

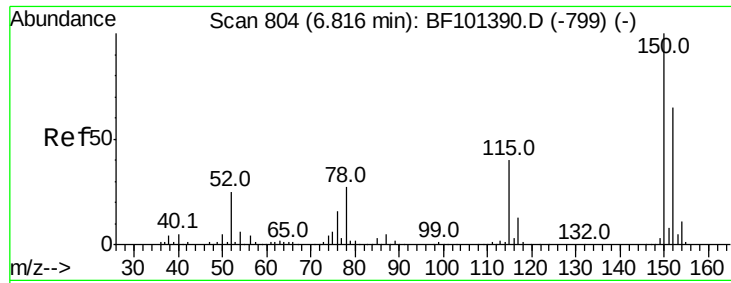
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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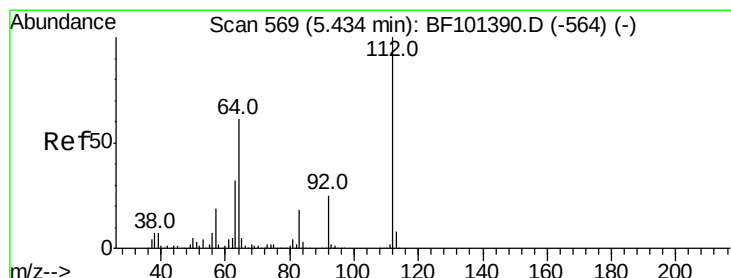
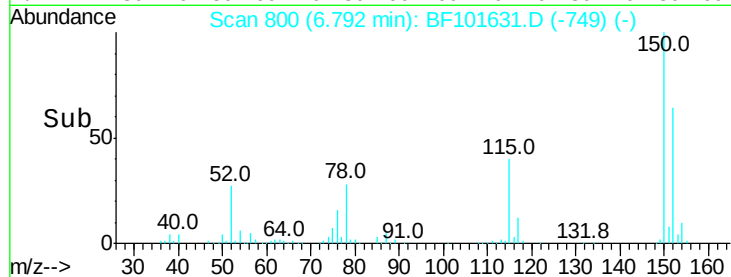
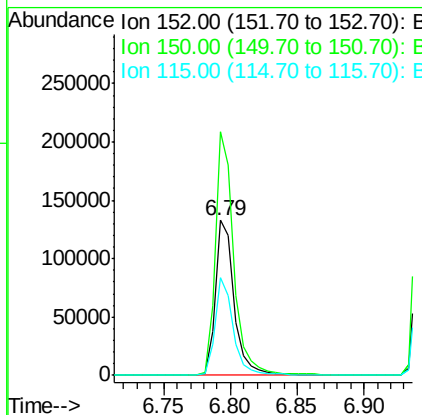
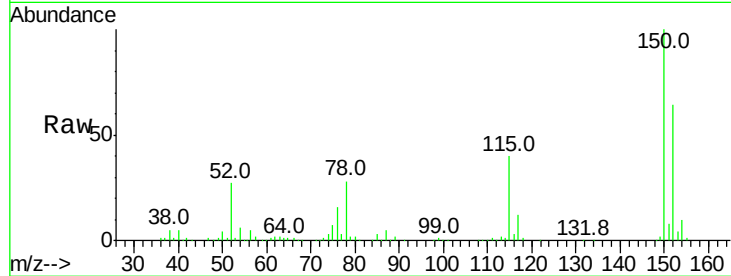


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF101631.D
Acq: 22 Dec 2017 3:34

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

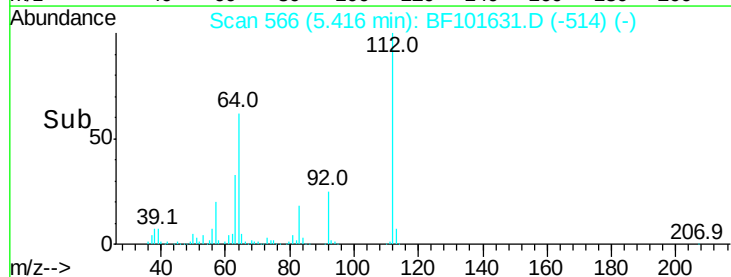
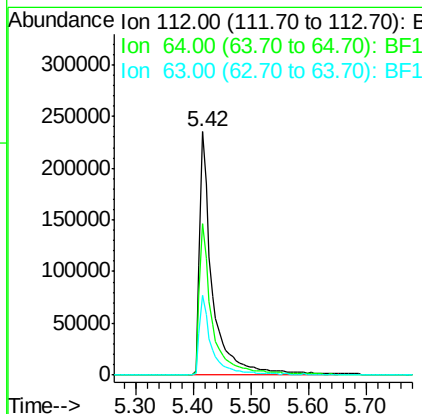
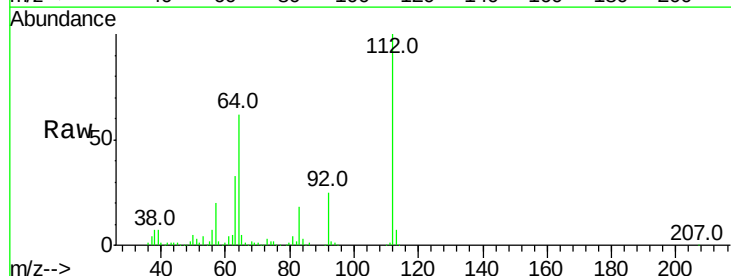
Tot Ion:152 Resp: 132665
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 63.1 50.1 75.1

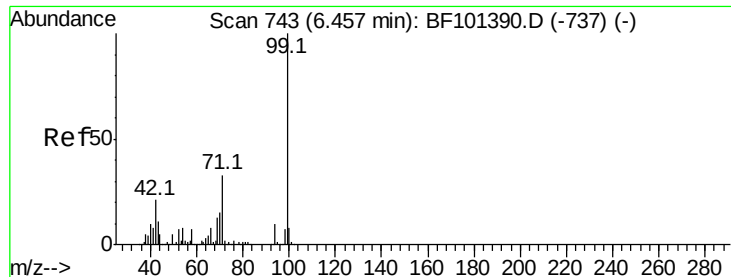


#5

2-Fluorophenol
Concen: 41.529 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101631.D
Acq: 22 Dec 2017 3:34

Tgt Ion:112 Resp: 369864
Ion Ratio Lower Upper
112 100
64 62.4 47.9 71.9
63 32.6 23.7 35.5





#7

Phenol-d6

Concen: 26.505 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF101631.D

Acq: 22 Dec 2017 3:34

Instrument :

BNA_F

ClientSampleId :

121817-DBRI-F-D-B

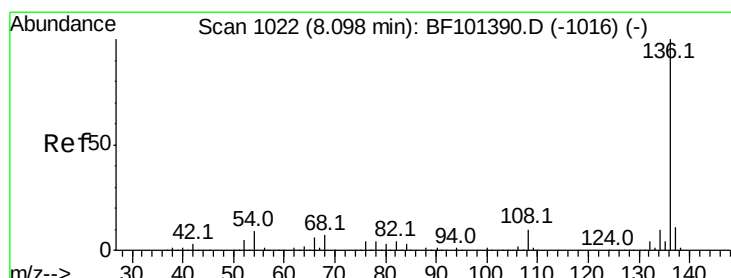
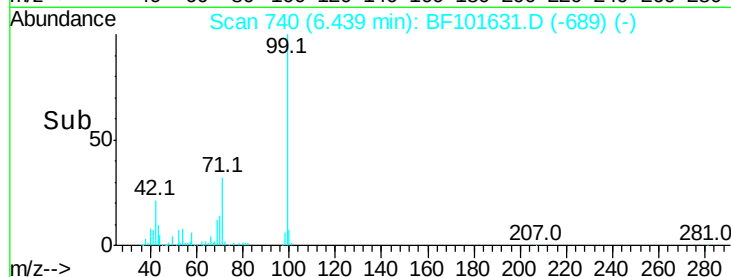
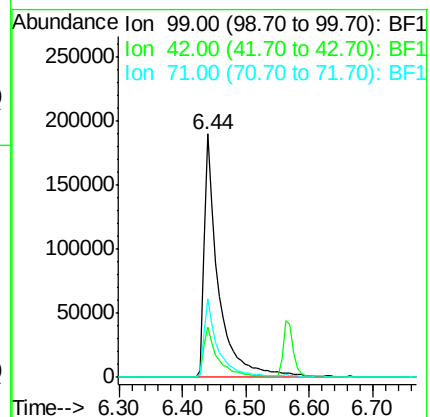
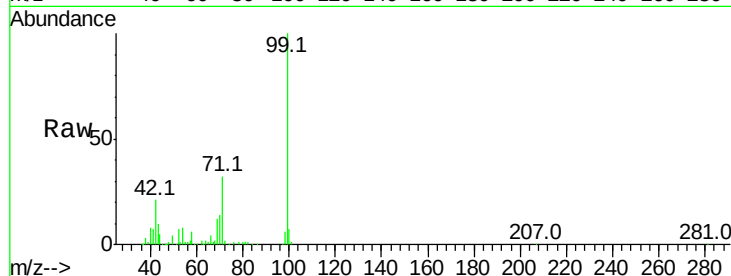
Tot Ion: 99 Resp: 293782

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

71 32.3 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF101631.D

Acq: 22 Dec 2017 3:34

Tgt Ion: 136 Resp: 499558

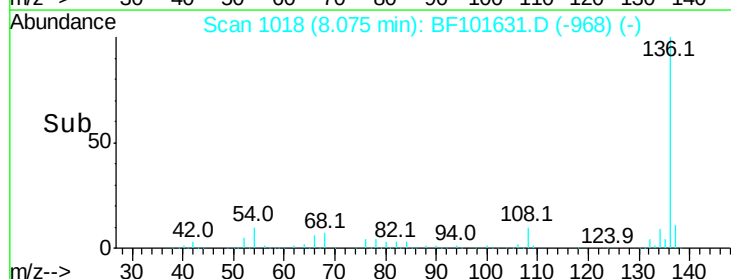
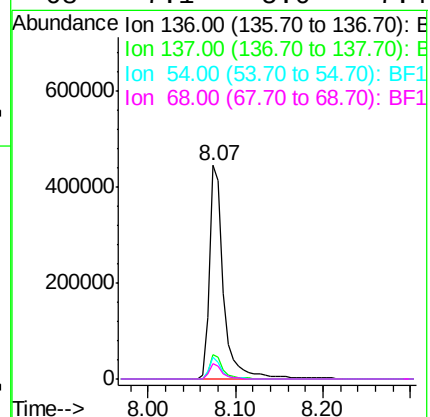
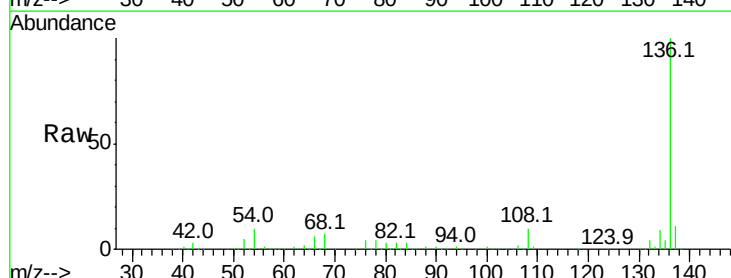
Ion Ratio Lower Upper

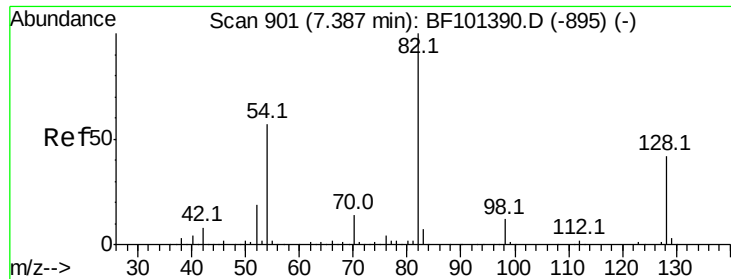
136 100

137 11.1 8.9 13.3

54 10.0 6.6 9.8#

68 7.1 5.0 7.4

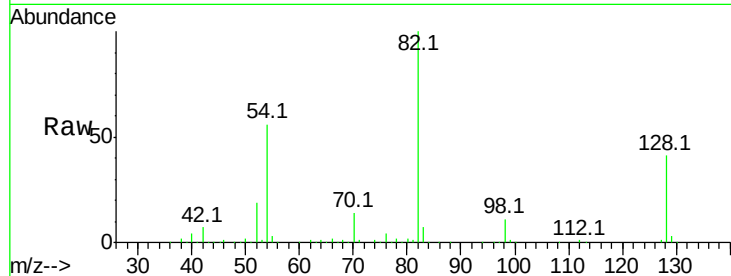




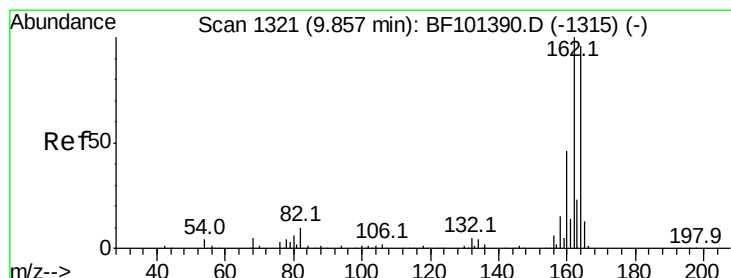
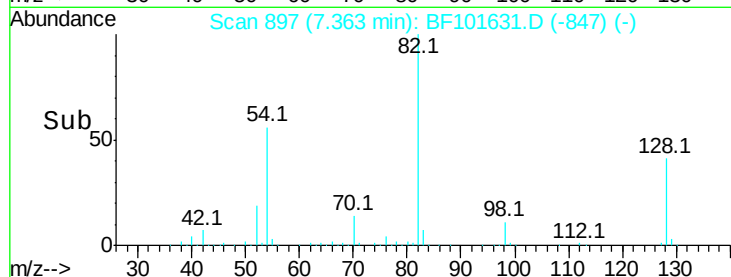
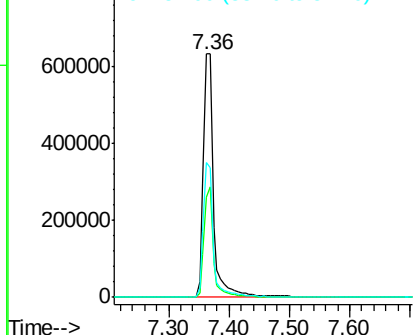
#23
Nitrobenzene-d5
Concen: 83.374 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF101631.D
Acq: 22 Dec 2017 3:34

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

Tot Ion: 82 Resp: 748216
Ion Ratio Lower Upper
82 100
128 41.4 36.1 54.1
54 55.6 41.4 62.2

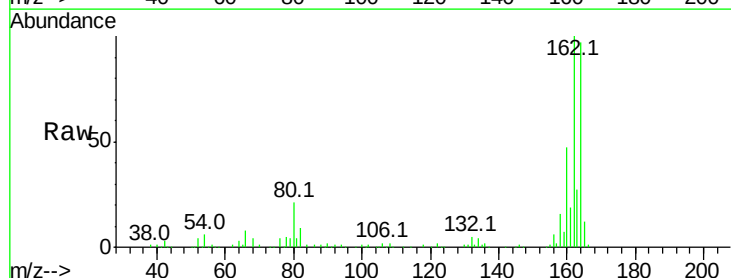


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

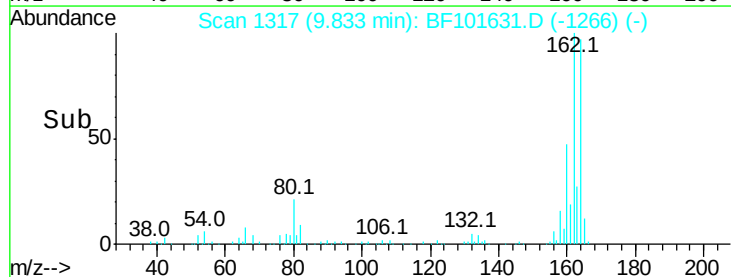
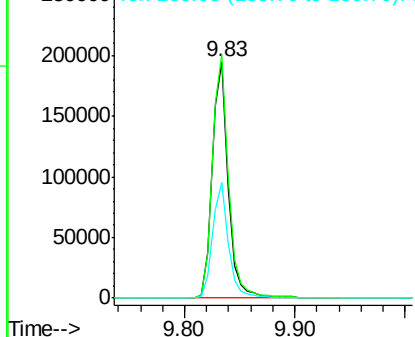


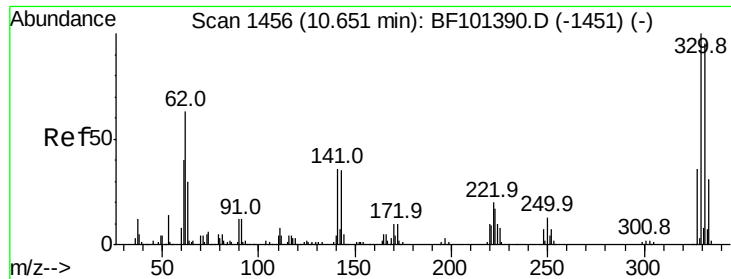
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF101631.D
Acq: 22 Dec 2017 3:34

Tgt Ion:164 Resp: 192067
Ion Ratio Lower Upper
164 100
162 103.0 86.1 129.1
160 48.6 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

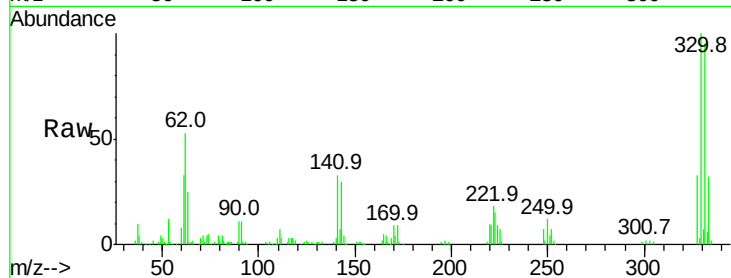




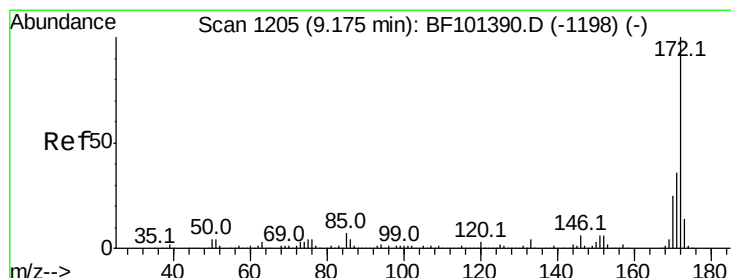
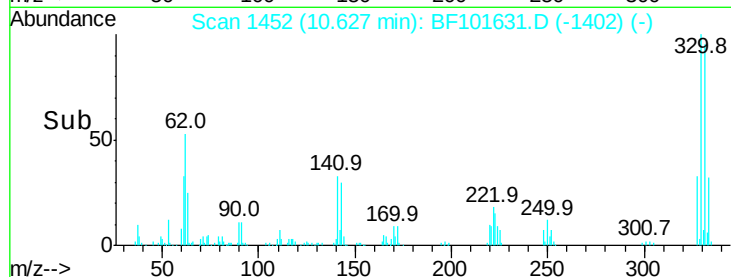
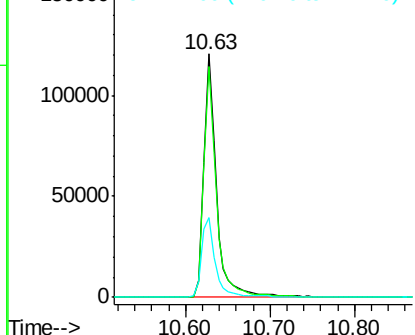
#41
 2,4,6-Tribromophenol
 Concen: 67.805 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101631.D
 Acq: 22 Dec 2017 3:34

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

Tot Ion:330 Resp: 125487
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 35.8 29.9 44.9

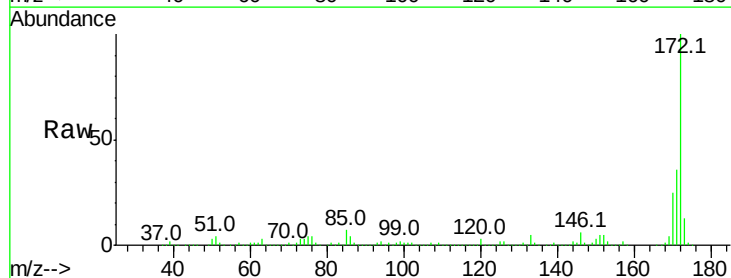


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

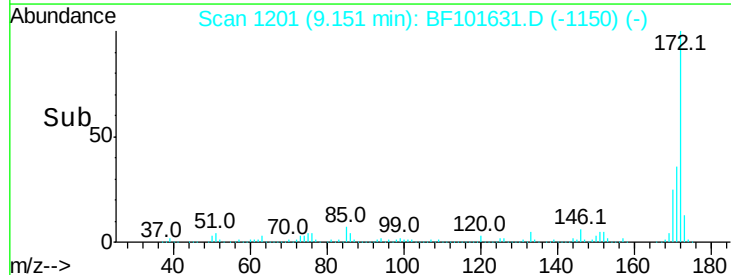
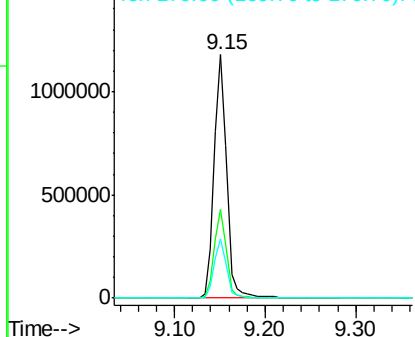


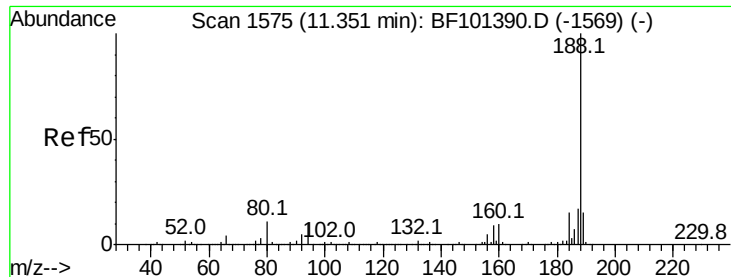
#44
 2-Fluorobiphenyl
 Concen: 93.419 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF101631.D
 Acq: 22 Dec 2017 3:34

Tgt Ion:172 Resp: 1156670
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.5 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

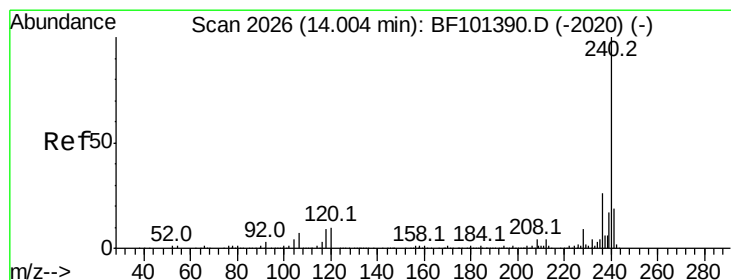
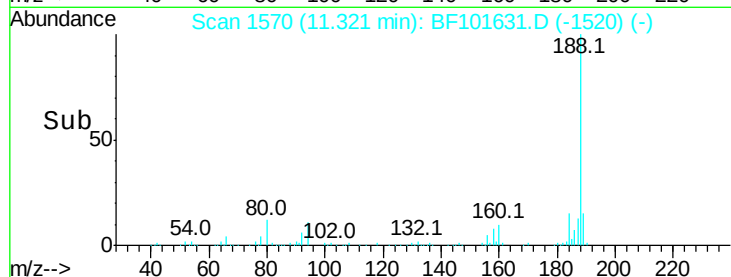
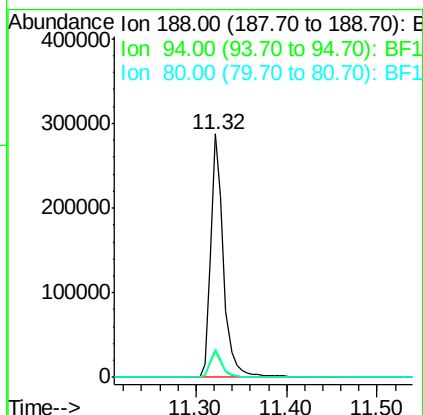
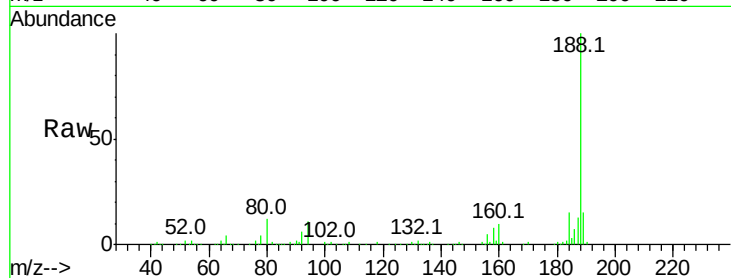




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101631.D
Acq: 22 Dec 2017 3:34

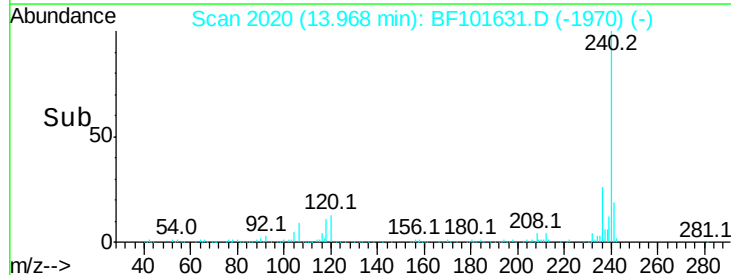
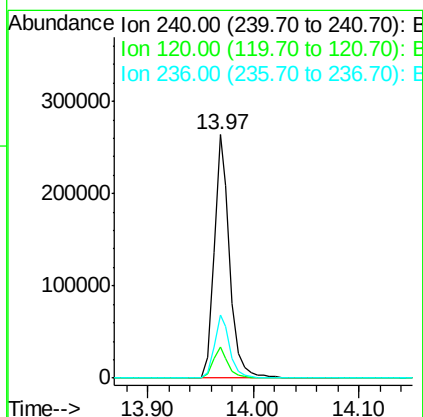
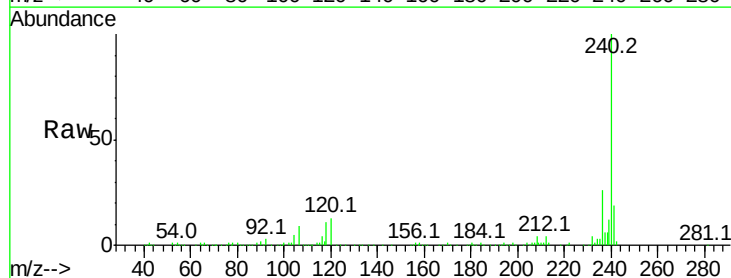
Instrument :
BNA_F
ClientSampleId :
121817-DBRI-F-D-B

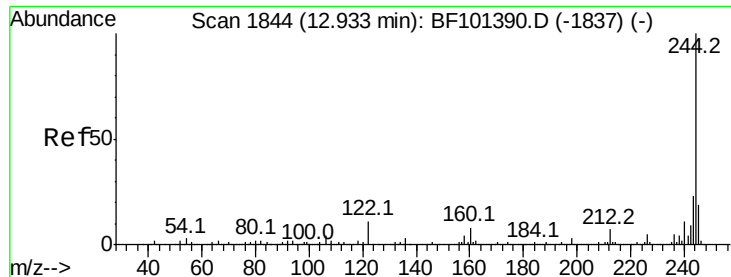
Tot Ion:188 Resp: 286632
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101631.D
Acq: 22 Dec 2017 3:34

Tgt Ion:240 Resp: 272680
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 26.1 20.7 31.1





#78

Terphenyl-d14

Concen: 69.534 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101631.D

Acq: 22 Dec 2017 3:34

Instrument :

BNA_F

ClientSampleId :

121817-DBRI-F-D-B

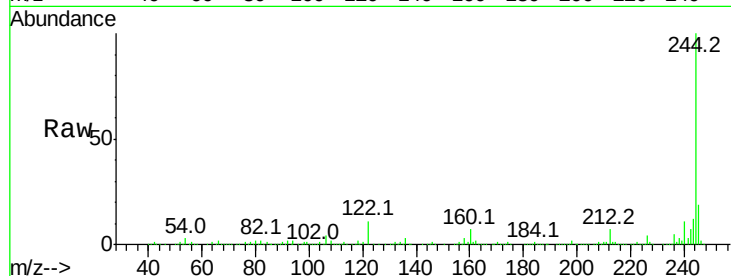
Tot Ion:244 Resp: 786490

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

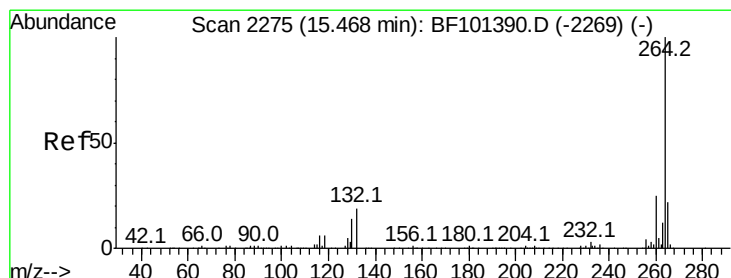
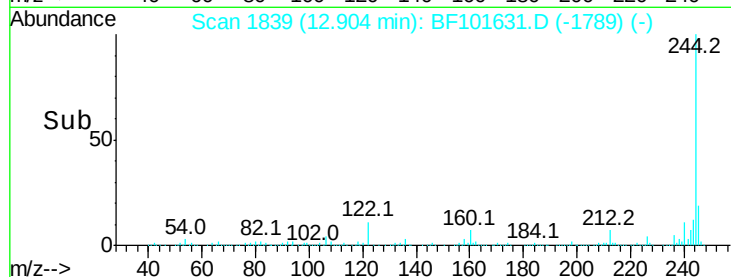
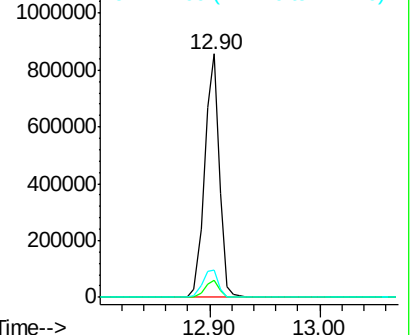
122 11.5 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.00 min

Lab File: BF101631.D

Acq: 22 Dec 2017 3:34

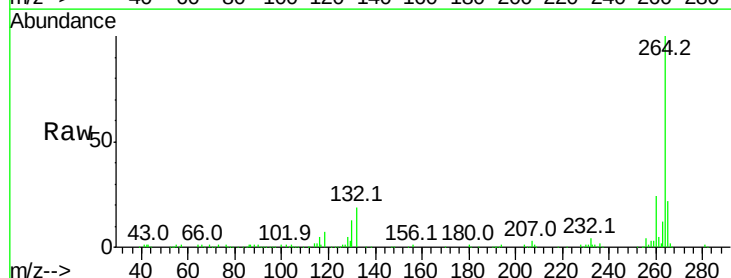
Tgt Ion:264 Resp: 220603

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.8 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

