

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101635.D
 Acq On : 22 Dec 2017 5:21
 Operator : SJ/JU
 Sample : I7008-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

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

Quant Time: Dec 22 06:17:37 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	134299	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	517647	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	204449	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	307825	20.00	ng	0.00
75) Chrysene-d12	13.97	240	273740	20.00	ng	0.00
86) Perylene-d12	15.44	264	230433	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	355479	39.43	ng	0.00
7) Phenol-d6	6.44	99	299367	26.68	ng	0.00
23) Nitrobenzene-d5	7.37	82	790009	84.95	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	140418	71.28	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1235930	93.78	ng	0.00
78) Terphenyl-d14	12.90	244	808674	71.22	ng	0.00

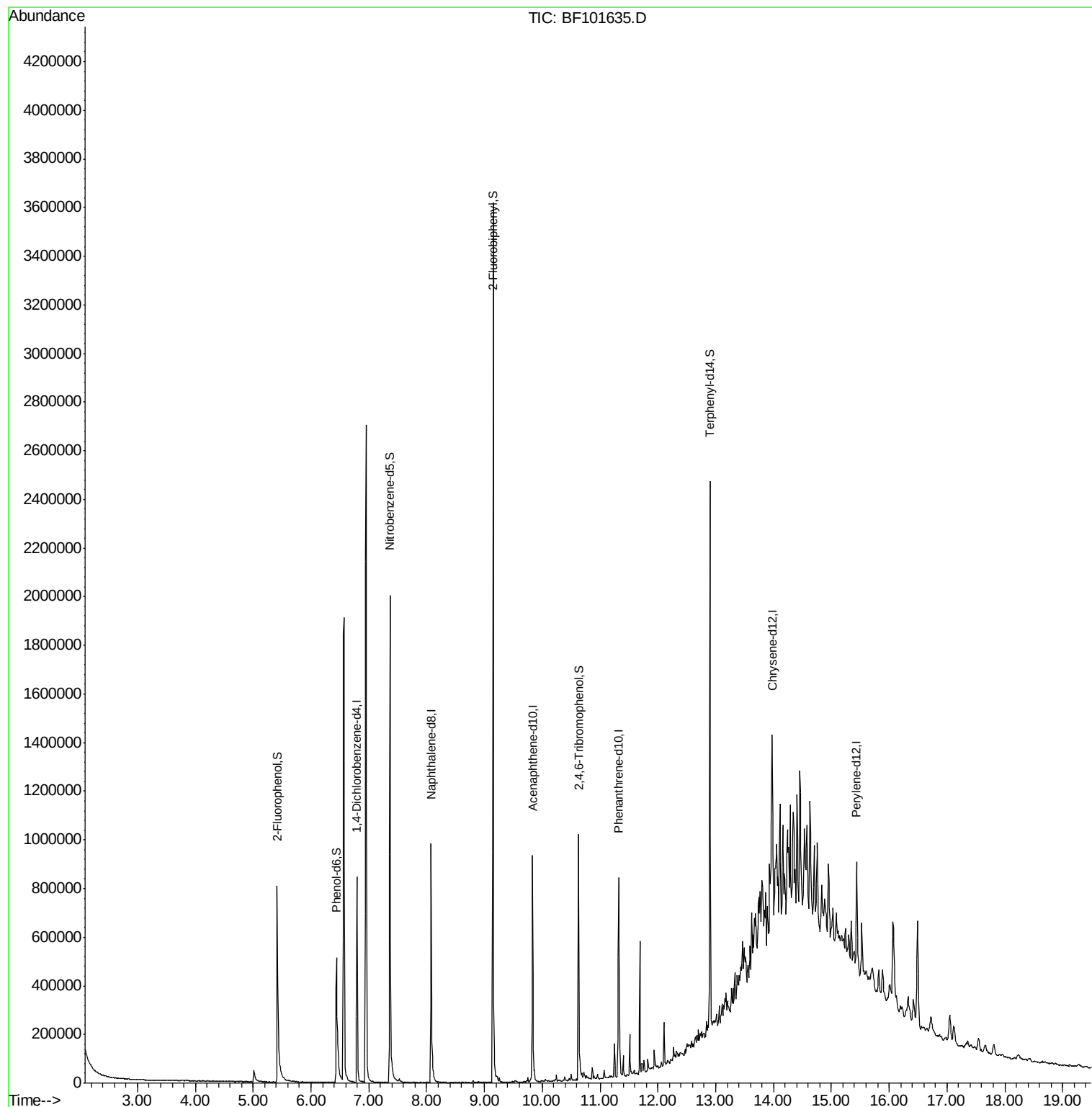
Target Compounds Qvalue

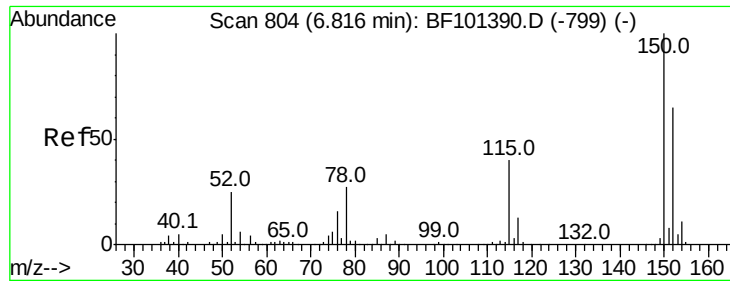
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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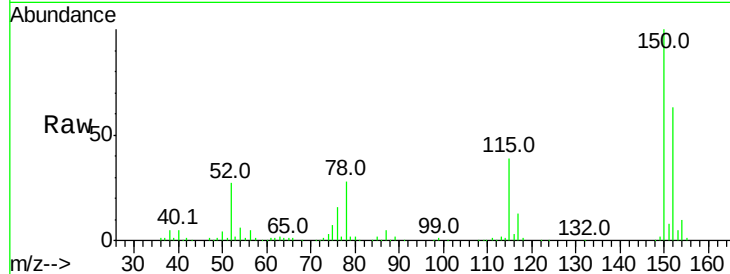


#1

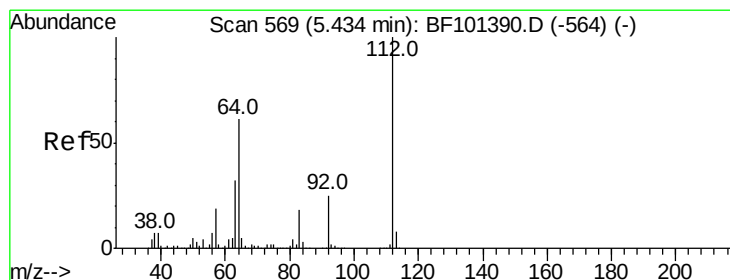
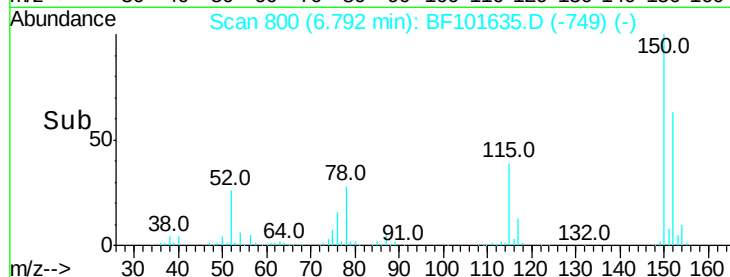
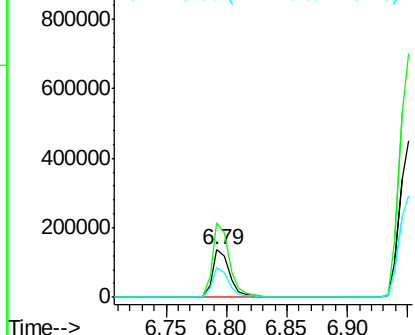
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF101635.D
Acq: 22 Dec 2017 5:21

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

Tot Ion:152 Resp: 134299
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 62.5 50.1 75.1



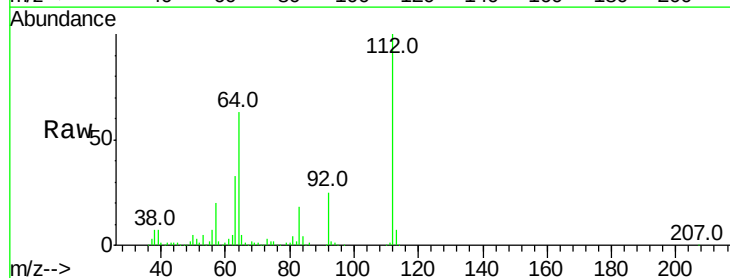
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



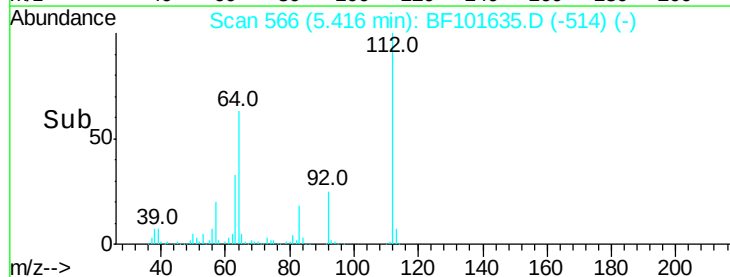
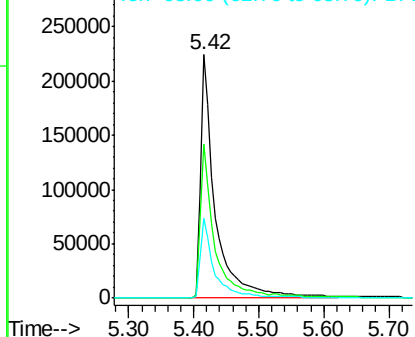
#5

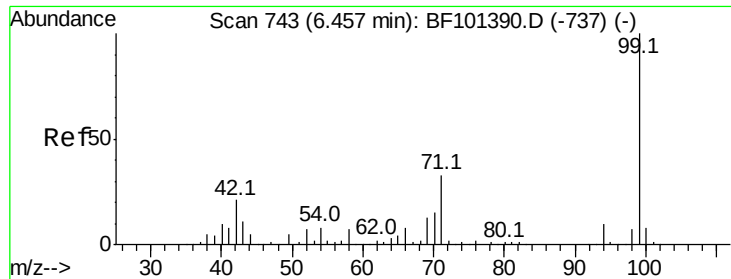
2-Fluorophenol
Concen: 39.428 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101635.D
Acq: 22 Dec 2017 5:21

Tgt Ion:112 Resp: 355479
Ion Ratio Lower Upper
112 100
64 63.4 47.9 71.9
63 32.8 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: 26.680 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF101635.D

Acq: 22 Dec 2017 5:21

Instrument :

BNA_F

ClientSampleId :

121817-TIDO-F-D-B

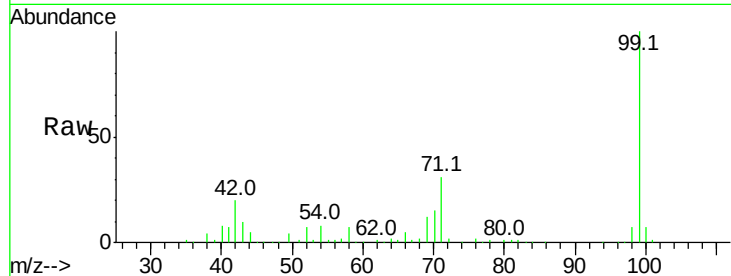
Tot Ion: 99 Resp: 299367

Ion Ratio Lower Upper

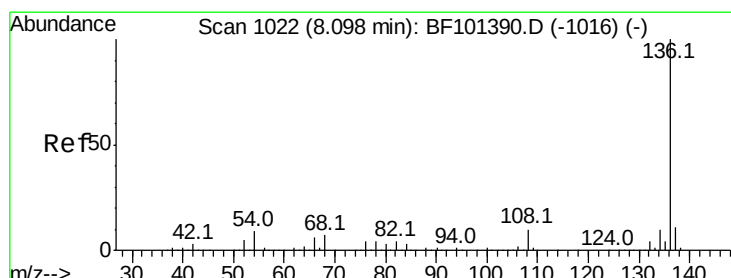
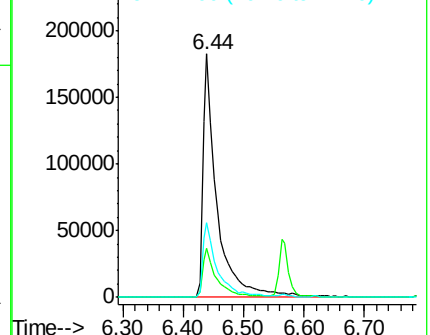
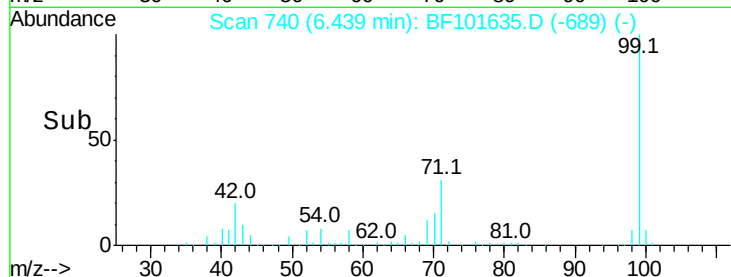
99 100

42 20.1 14.5 21.7

71 30.6 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: BF101635.D

Acq: 22 Dec 2017 5:21

Tgt Ion: 136 Resp: 517647

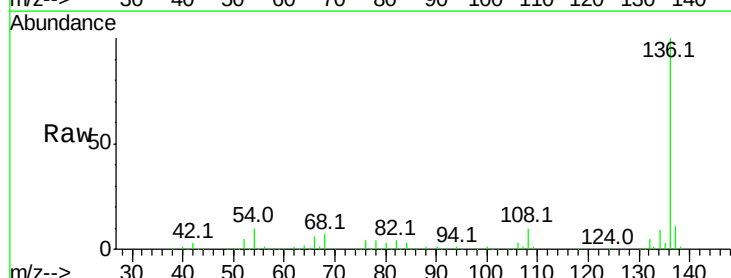
Ion Ratio Lower Upper

136 100

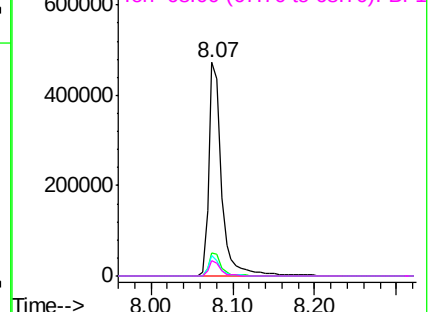
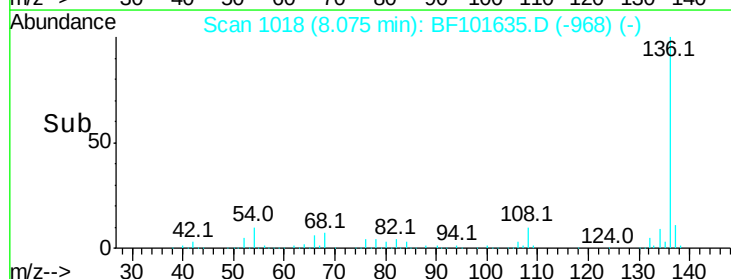
137 11.0 8.9 13.3

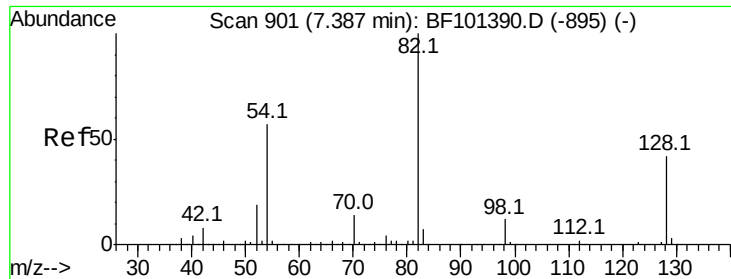
54 9.5 6.6 9.8

68 7.0 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

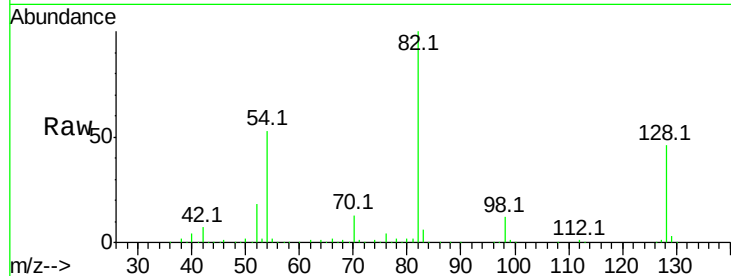




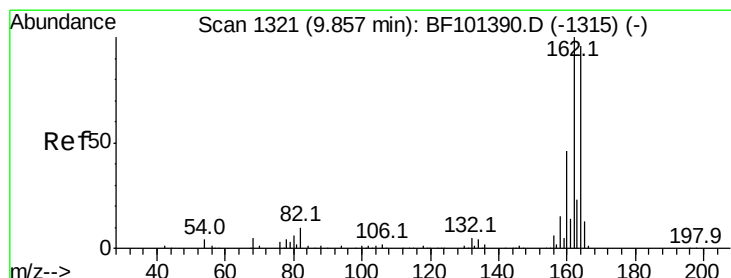
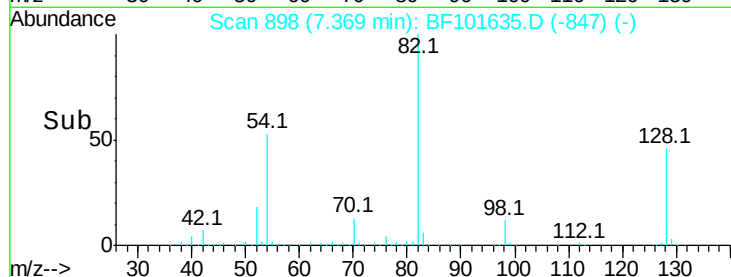
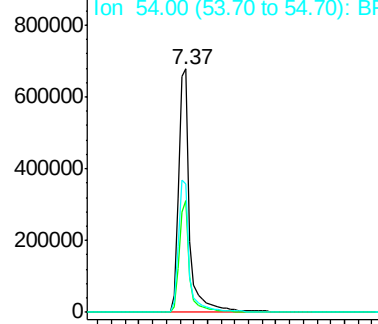
#23
Nitrobenzene-d5
Concen: 84.955 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF101635.D
Acq: 22 Dec 2017 5:21

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

Tot Ion: 82 Resp: 790009
Ion Ratio Lower Upper
82 100
128 45.7 36.1 54.1
54 52.8 41.4 62.2

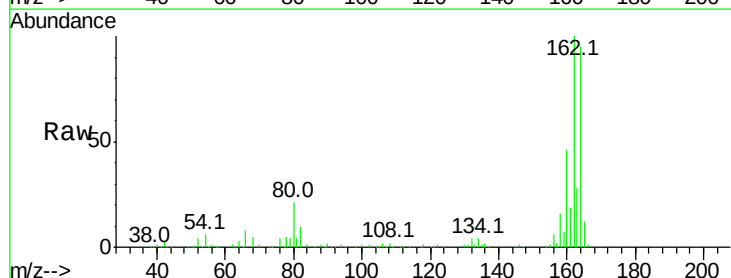


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

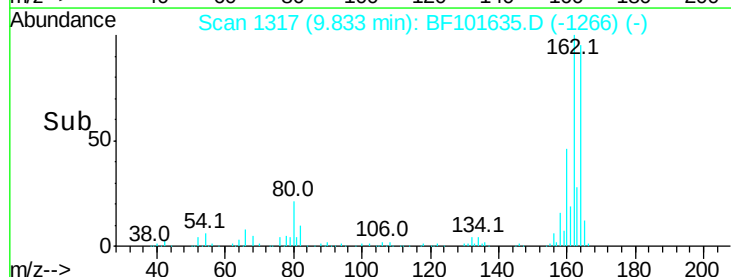
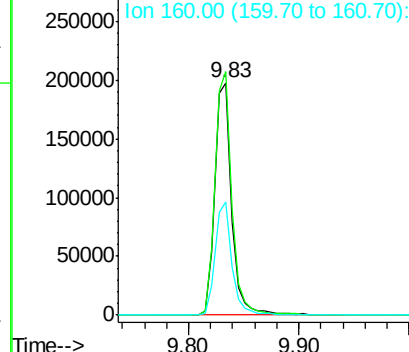


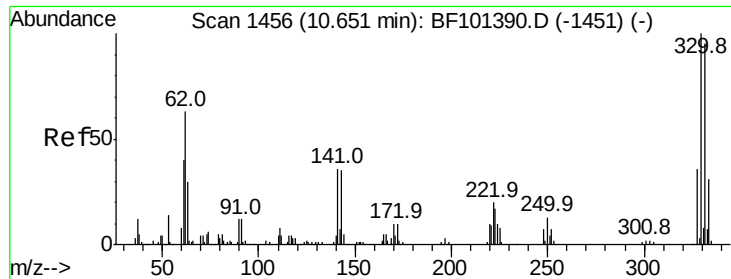
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF101635.D
Acq: 22 Dec 2017 5:21

Tgt Ion:164 Resp: 204449
Ion Ratio Lower Upper
164 100
162 104.8 86.1 129.1
160 48.4 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

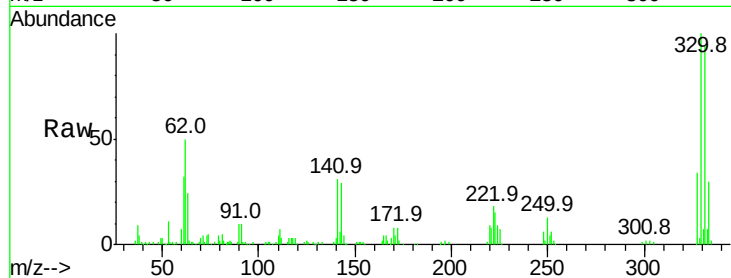




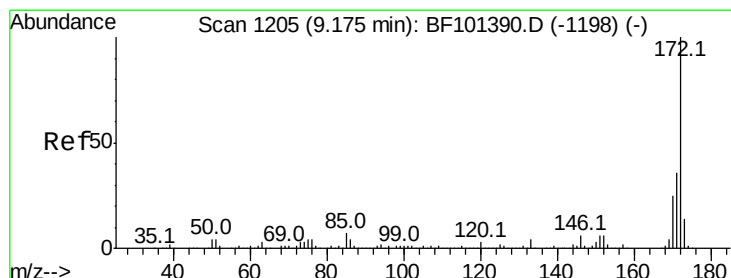
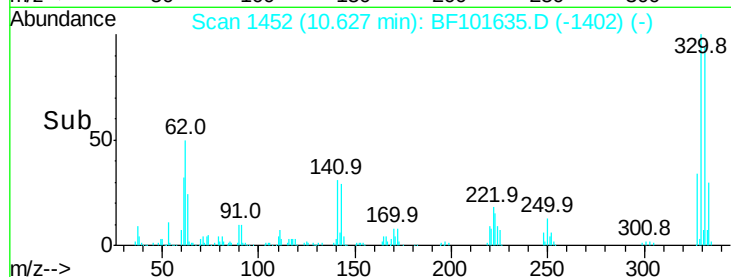
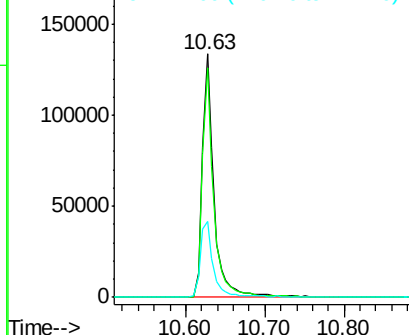
#41
 2,4,6-Tribromophenol
 Concen: 71.277 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101635.D
 Acq: 22 Dec 2017 5:21

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

Tot Ion:330 Resp: 140418
 Ion Ratio Lower Upper
 330 100
 332 93.3 77.0 115.6
 141 35.0 29.9 44.9

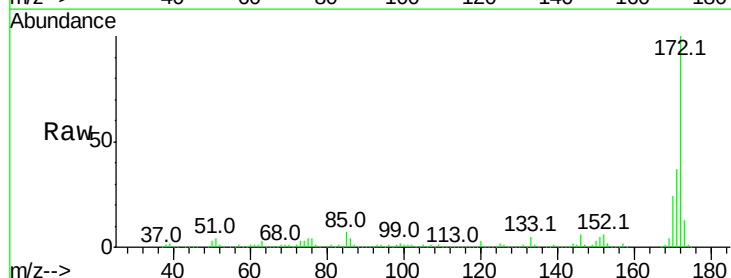


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

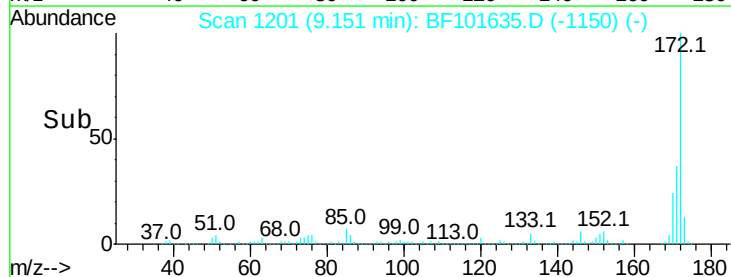
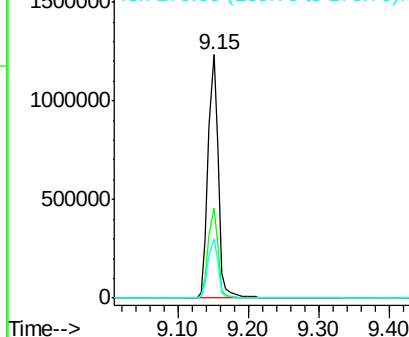


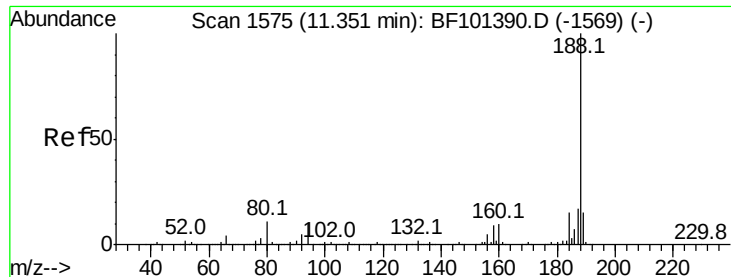
#44
 2-Fluorobiphenyl
 Concen: 93.775 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF101635.D
 Acq: 22 Dec 2017 5:21

Tgt Ion:172 Resp: 1235930
 Ion Ratio Lower Upper
 172 100
 171 36.7 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

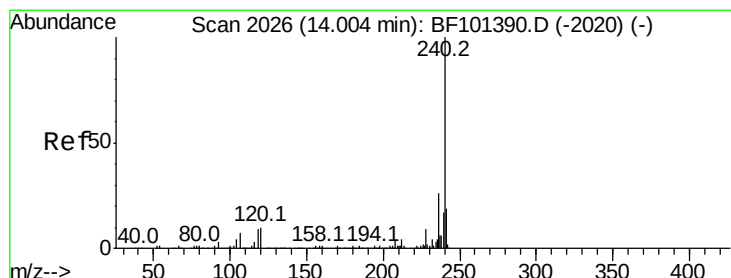
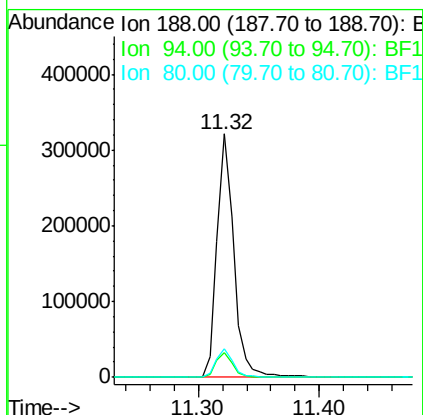
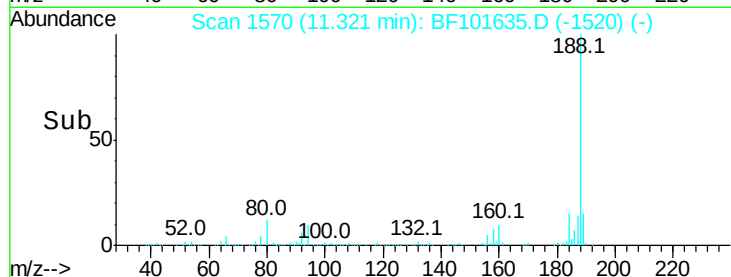
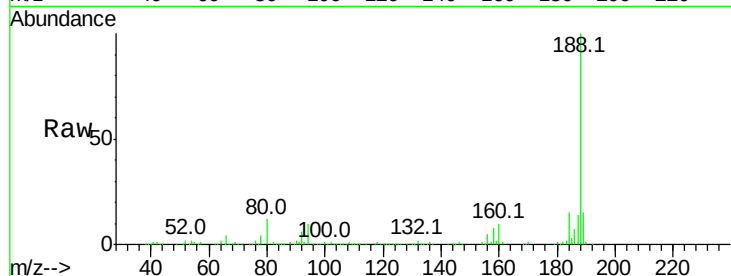




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101635.D
Acq: 22 Dec 2017 5:21

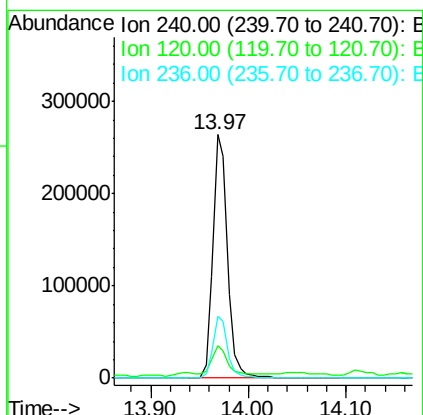
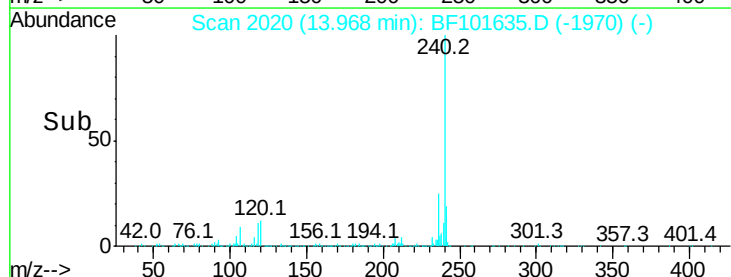
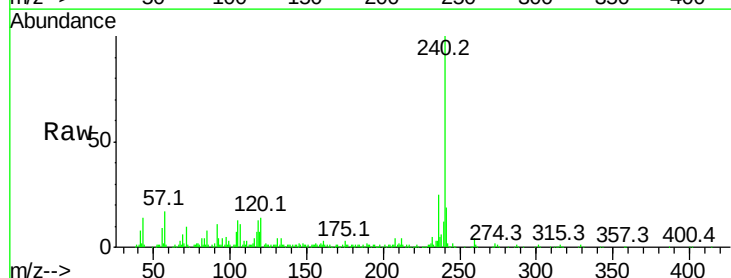
Instrument :
BNA_F
ClientSampleId :
121817-TIDO-F-D-B

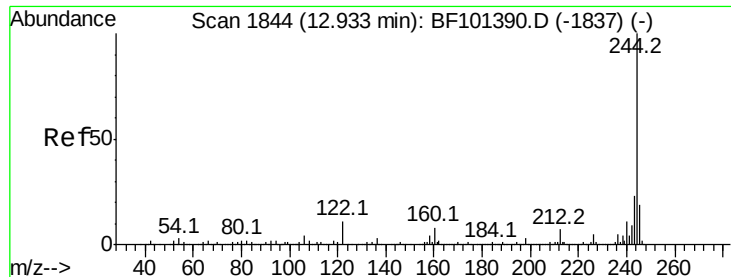
Tot Ion:188 Resp: 307825
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.5 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101635.D
Acq: 22 Dec 2017 5:21

Tgt Ion:240 Resp: 273740
Ion Ratio Lower Upper
240 100
120 13.5 9.5 14.3
236 25.5 20.7 31.1





#78

Terphenyl-d14

Concen: 71.218 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101635.D

Acq: 22 Dec 2017 5:21

Instrument :

BNA_F

ClientSampleId :

121817-TIDO-F-D-B

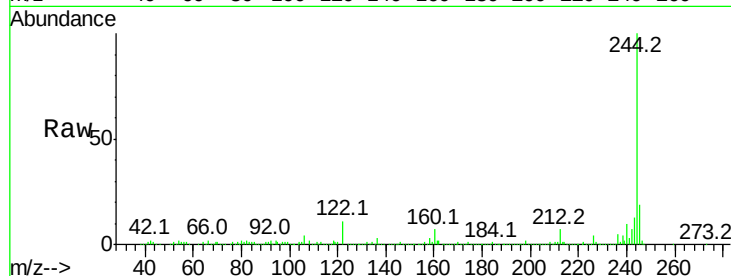
Tot Ion:244 Resp: 808674

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

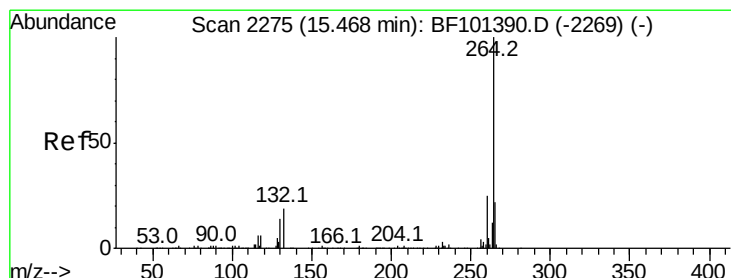
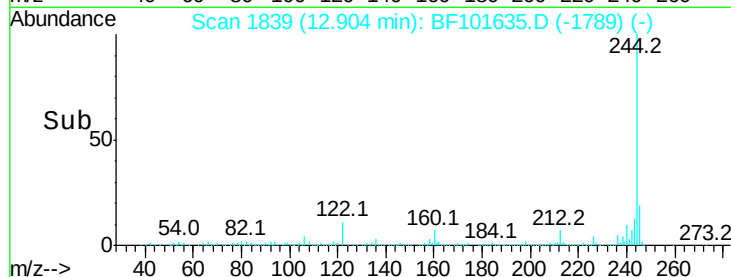
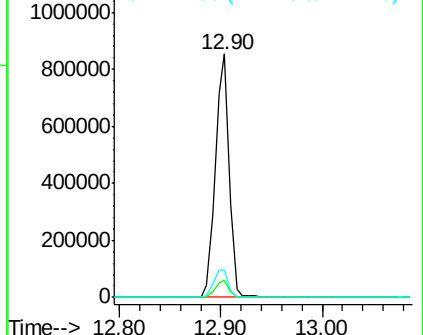
122 11.1 11.0 16.4



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: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF101635.D

Acq: 22 Dec 2017 5:21

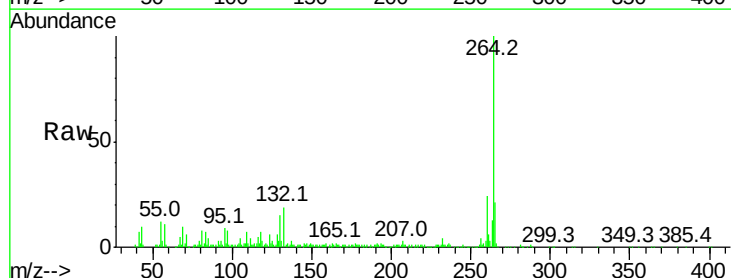
Tgt Ion:264 Resp: 230433

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.4 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

