

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100203.D
 Acq On : 5 Nov 2017 2:52
 Operator : SJ/JU
 Sample : I6327-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110217-TIDO-F-D-S

Quant Time: Nov 06 03:44:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	93998	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	391369	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	186066	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	344176	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	240759	20.00	ng	-0.01
86) Perylene-d12	15.40	264	157996	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	262570	43.85	ng	0.01
7) Phenol-d6	6.43	99	212088	29.87	ng	0.00
23) Nitrobenzene-d5	7.34	82	545650	89.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	159018	93.78	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	1088463	90.25	ng	-0.01
78) Terphenyl-d14	12.87	244	1039492	94.35	ng	0.00

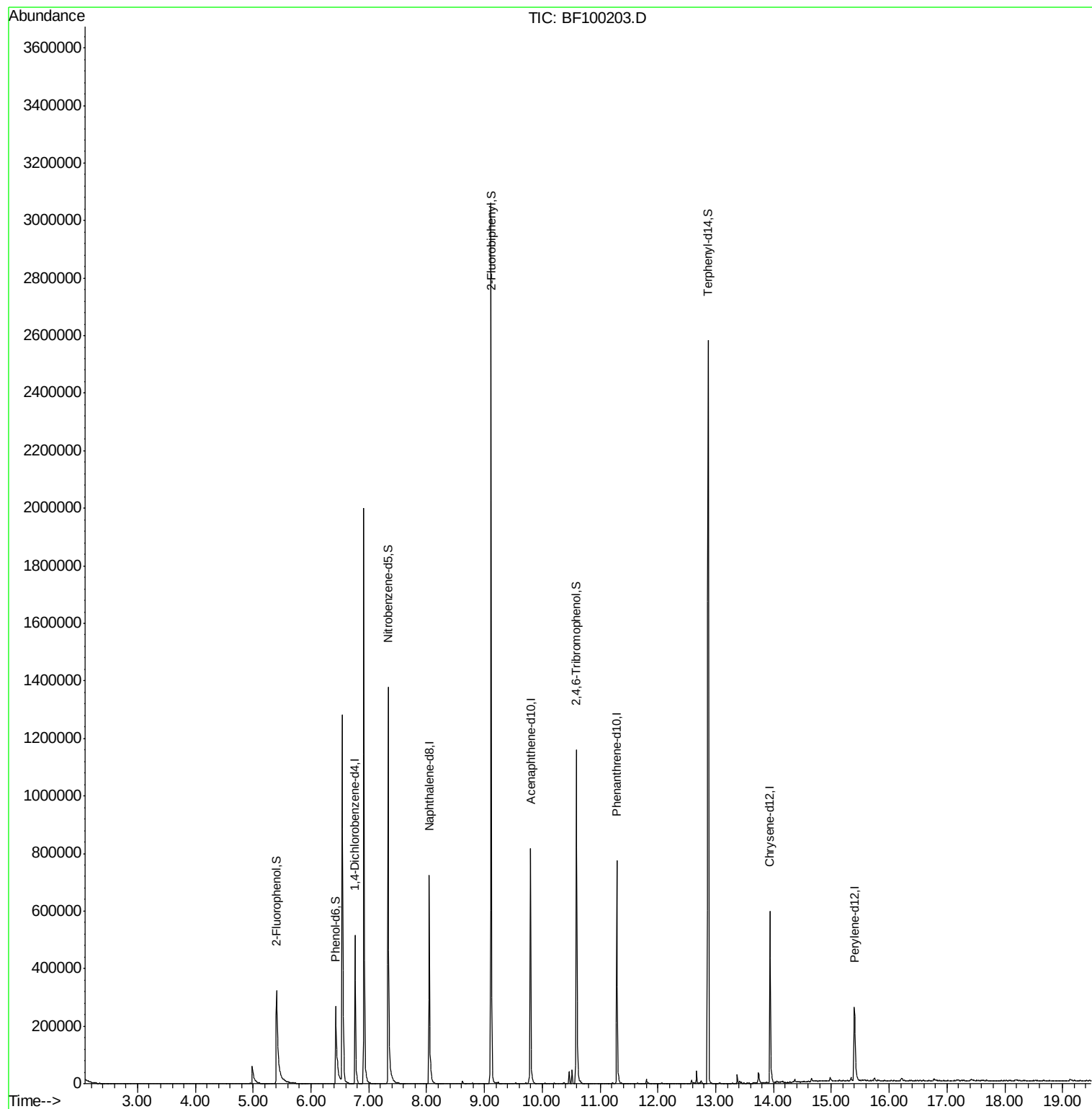
Target Compounds Qvalue

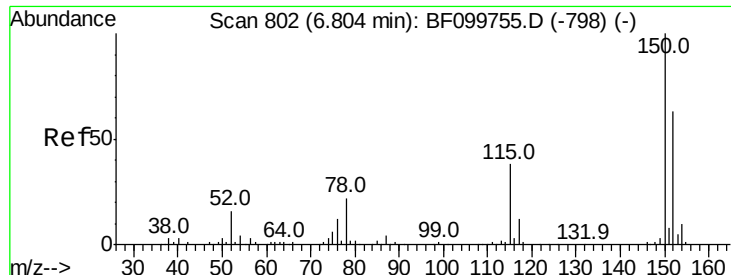
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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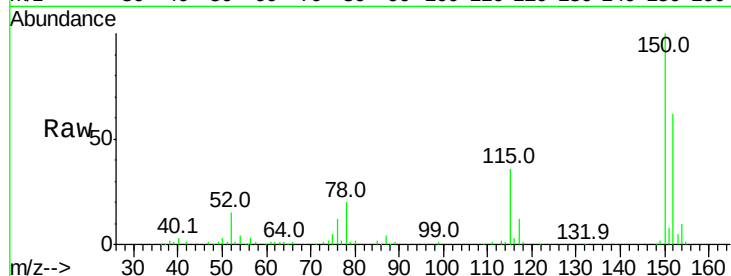


#1

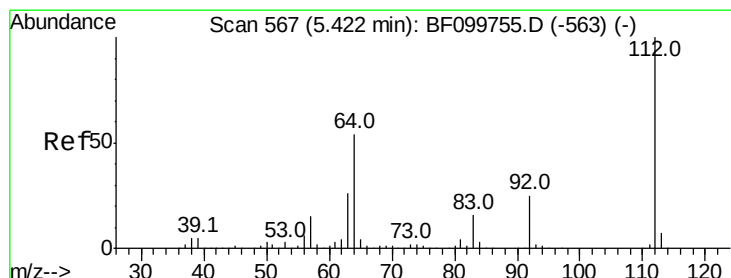
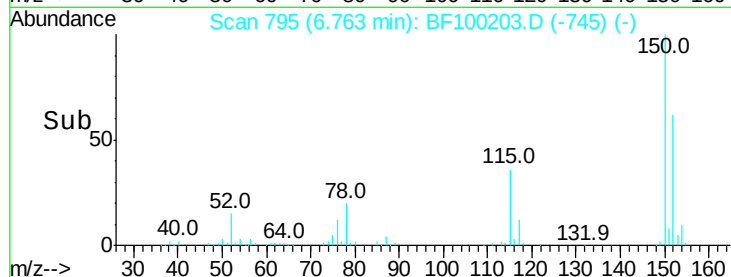
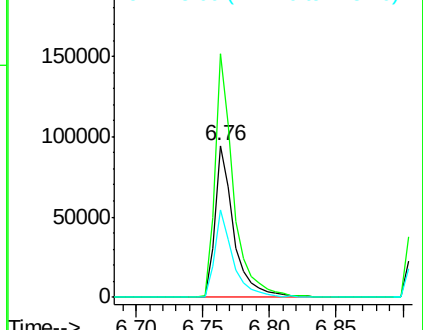
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100203.D
Acq: 5 Nov 2017 2:52

Instrument :
BNA_F
ClientSampleId :
110217-TIDO-F-D-S

Tot Ion:152 Resp: 93998
Ion Ratio Lower Upper
152 100
150 160.5 124.6 186.8
115 57.7 50.1 75.1



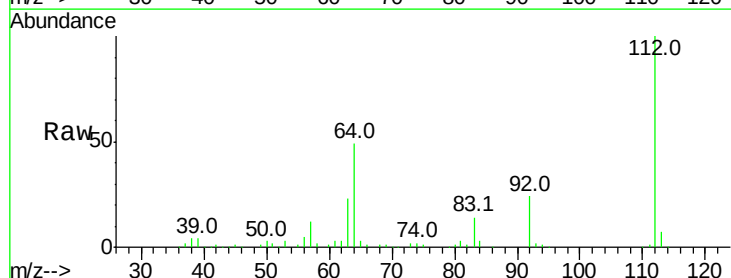
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



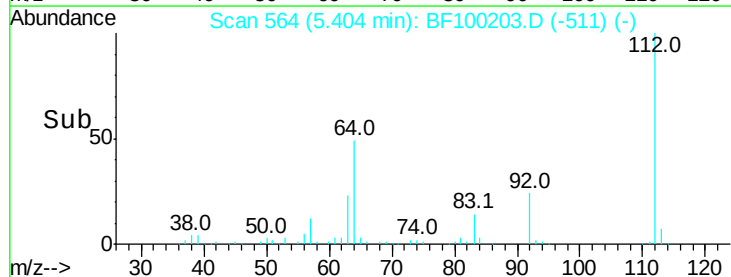
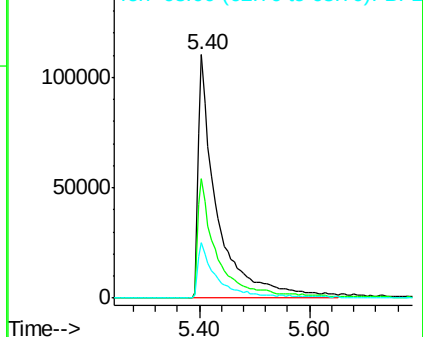
#5

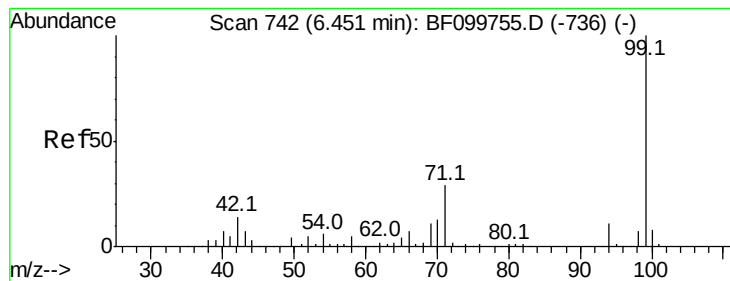
2-Fluorophenol
Concen: 43.855 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF100203.D
Acq: 5 Nov 2017 2:52

Tgt Ion:112 Resp: 262570
Ion Ratio Lower Upper
112 100
64 48.9 47.9 71.9
63 22.5 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: 29.875 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF100203.D

Acq: 5 Nov 2017 2:52

Instrument :

BNA_F

ClientSampleId :

110217-TIDO-F-D-S

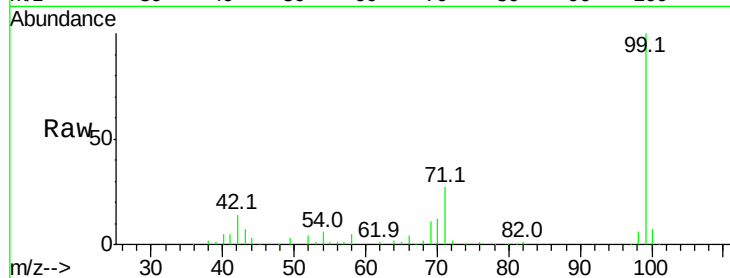
Tot Ion: 99 Resp: 212088

Ion Ratio Lower Upper

99 100

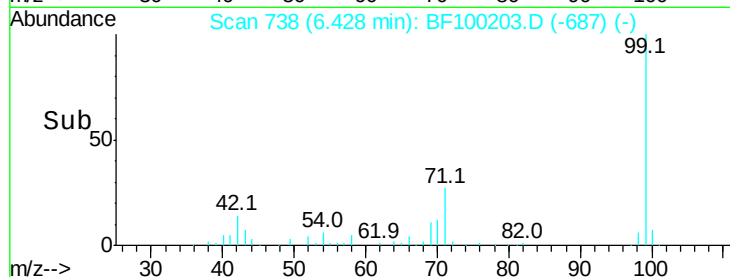
42 13.5 14.5 21.7#

71 27.1 25.4 38.0

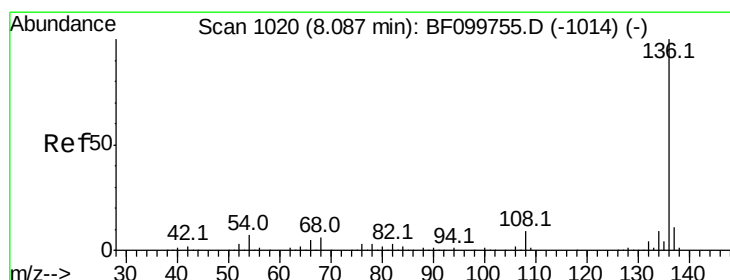


Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1

6.43



Time--> 6.30 6.40 6.50 6.60 6.70



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF100203.D

Acq: 5 Nov 2017 2:52

Tgt Ion: 136 Resp: 391369

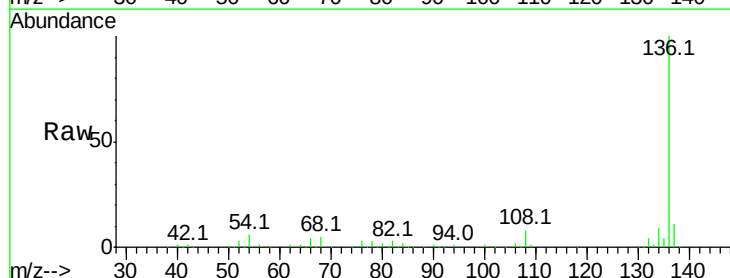
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

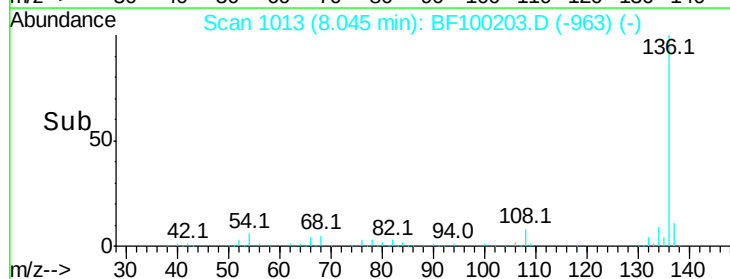
54 6.1 6.6 9.8#

68 5.2 5.0 7.4

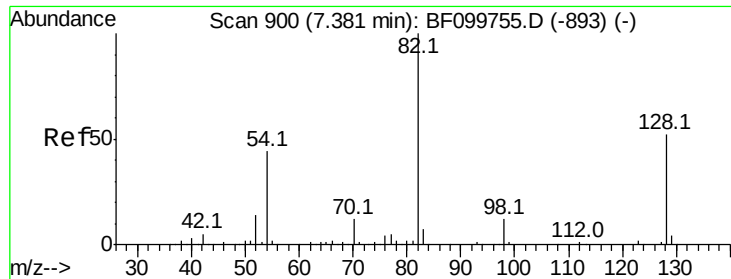


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

8.05



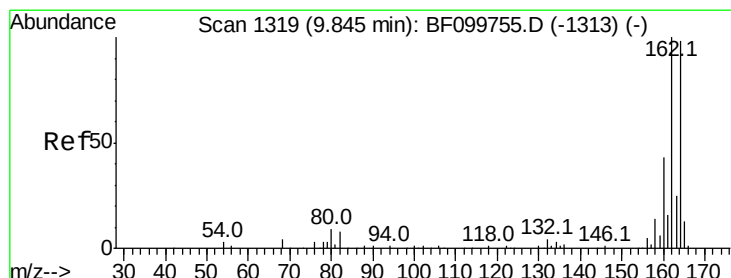
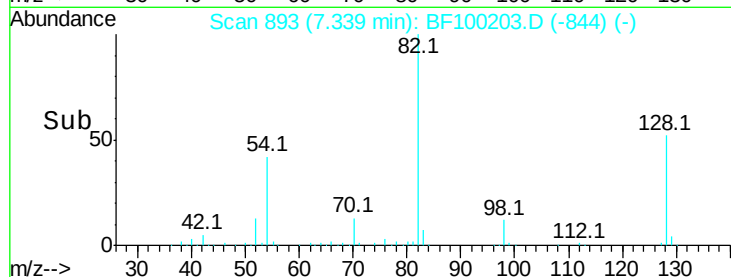
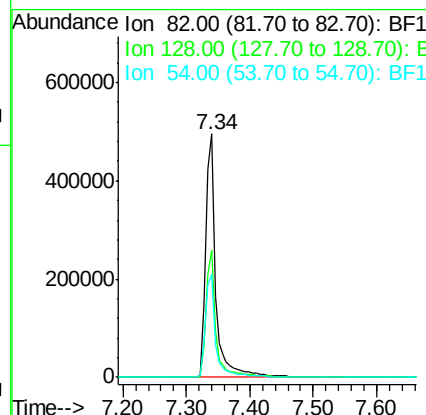
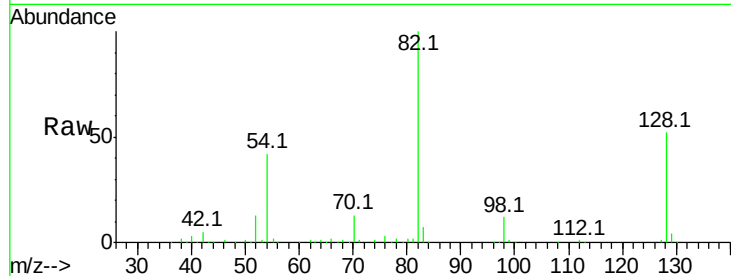
Time--> 8.00 8.10 8.20



#23
 Nitrobenzene-d5
 Concen: 89.760 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF100203.D
 Acq: 5 Nov 2017 2:52

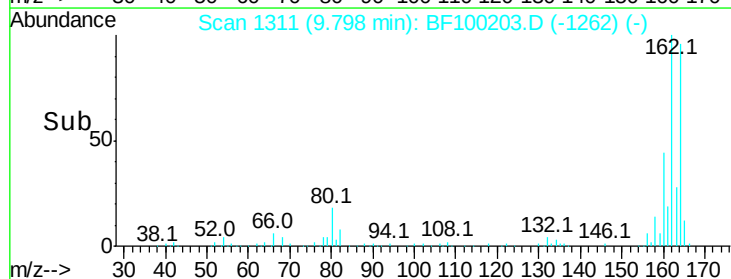
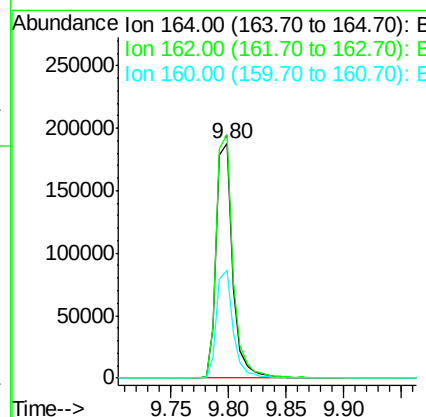
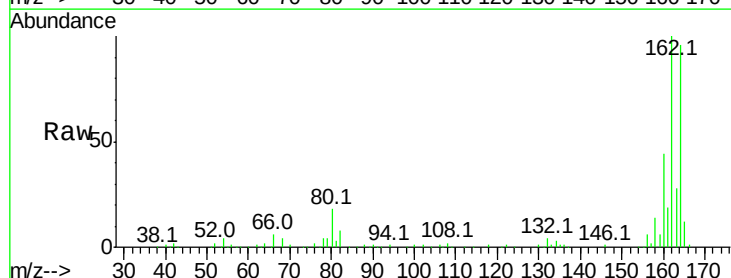
Instrument :
 BNA_F
 ClientSampleId :
 110217-TIDO-F-D-S

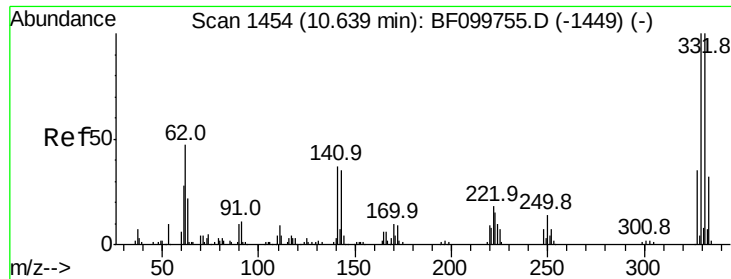
Tot Ion: 82 Resp: 545650
 Ion Ratio Lower Upper
 82 100
 128 52.4 36.1 54.1
 54 42.1 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF100203.D
 Acq: 5 Nov 2017 2:52

Tgt Ion: 164 Resp: 186066
 Ion Ratio Lower Upper
 164 100
 162 104.0 86.1 129.1
 160 46.2 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 93.780 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BF100203.D

Acq: 5 Nov 2017 2:52

Instrument :

BNA_F

ClientSampleId :

110217-TIDO-F-D-S

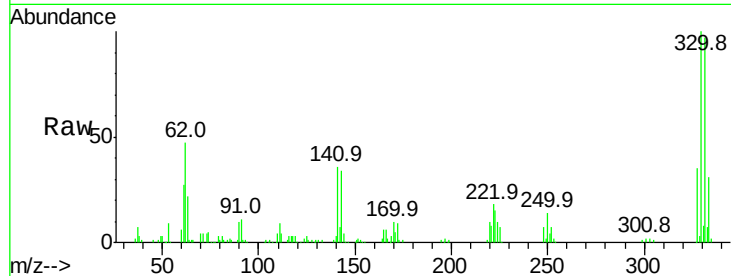
Tot Ion:330 Resp: 159018

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

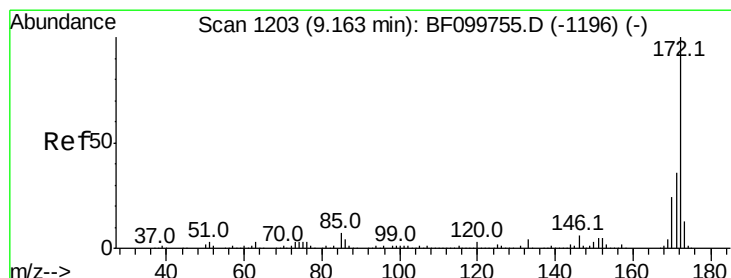
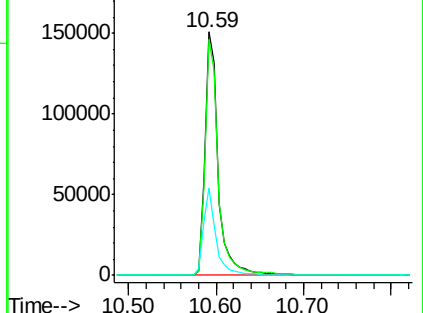
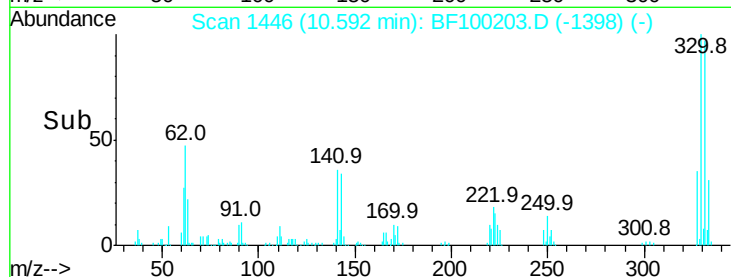
141 34.1 29.9 44.9



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: 90.254 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF100203.D

Acq: 5 Nov 2017 2:52

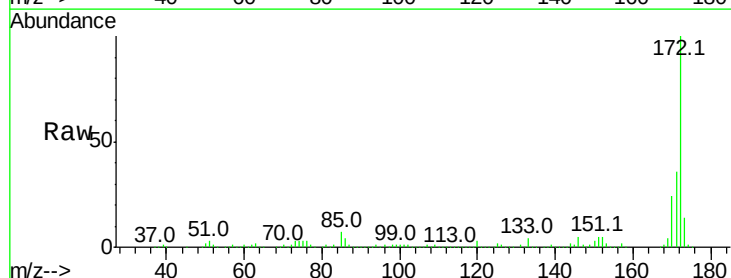
Tgt Ion:172 Resp: 1088463

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

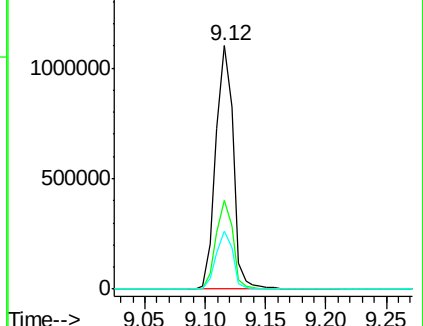
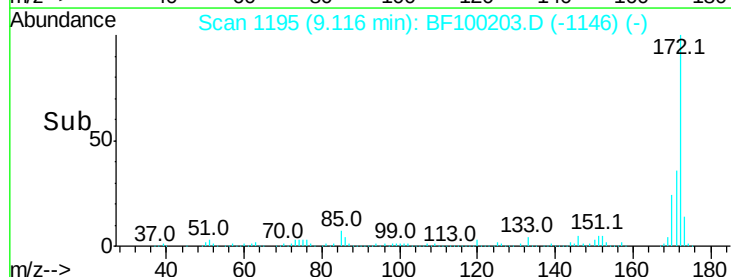
170 23.8 19.6 29.4

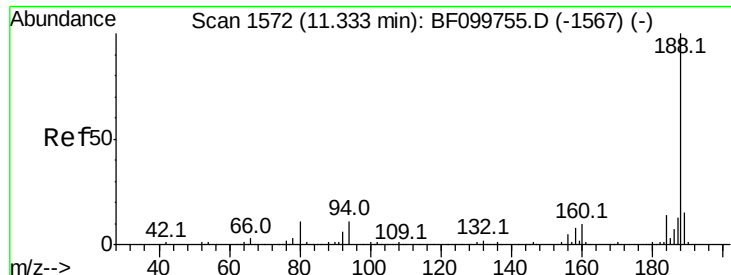


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

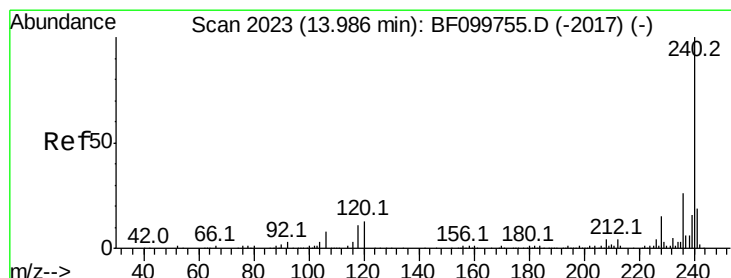
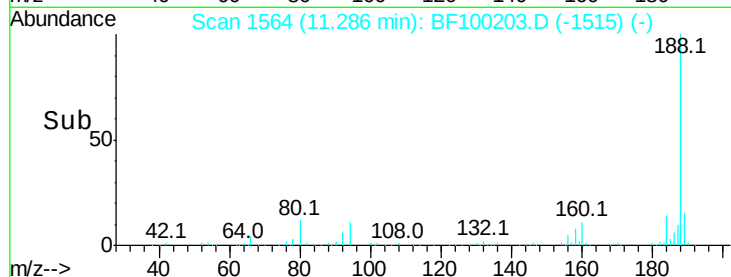
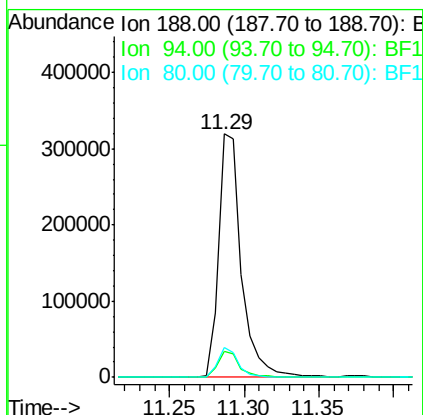
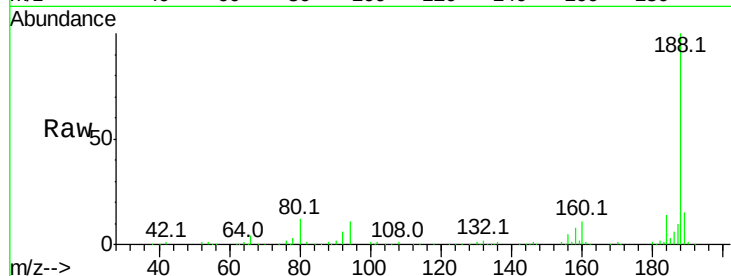




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100203.D
Acq: 5 Nov 2017 2:52

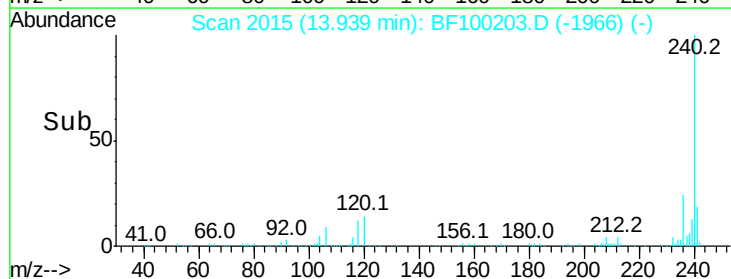
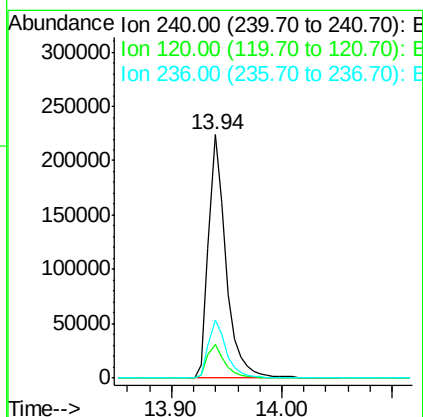
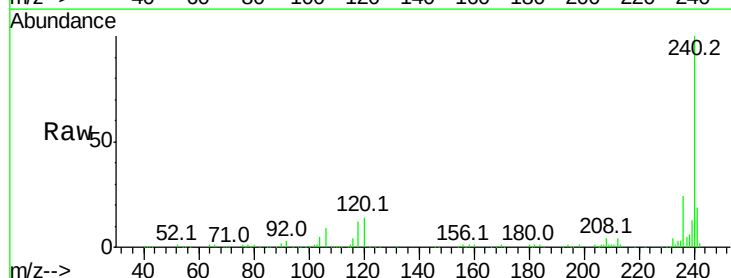
Instrument :
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ClientSampleId :
110217-TIDO-F-D-S

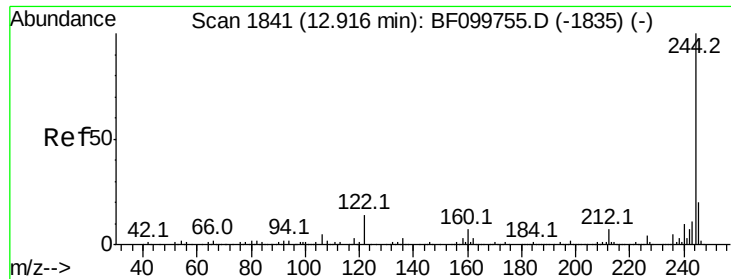
Tot Ion:188 Resp: 344176
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 12.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF100203.D
Acq: 5 Nov 2017 2:52

Tgt Ion:240 Resp: 240759
Ion Ratio Lower Upper
240 100
120 13.9 9.5 14.3
236 23.9 20.7 31.1

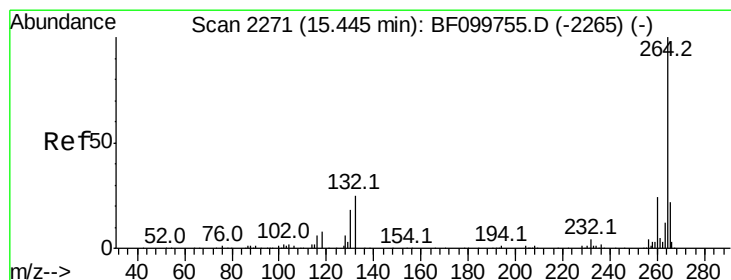
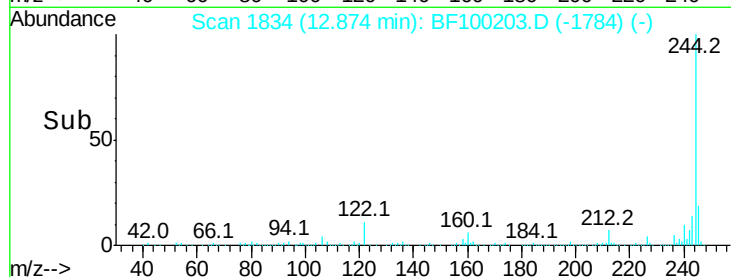
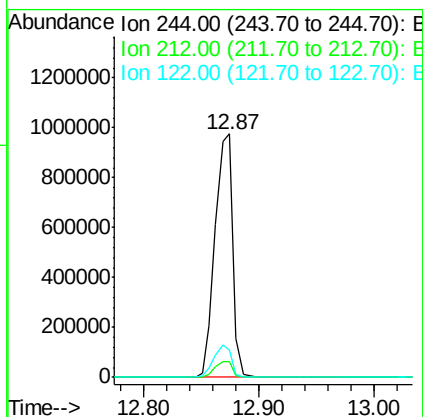
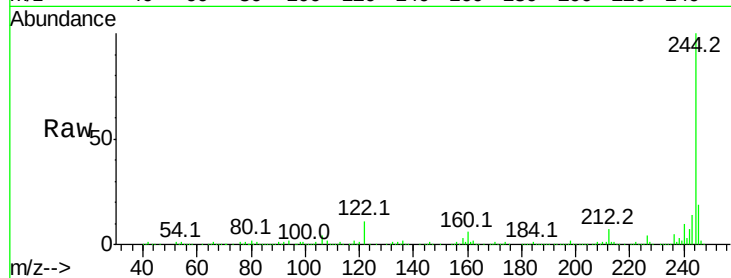




#78
 Terphenyl-d14
 Concen: 94.355 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF100203.D
 Acq: 5 Nov 2017 2:52

Instrument :
 BNA_F
 ClientSampleId :
 110217-TIDO-F-D-S

Tot Ion:244 Resp: 1039492
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 11.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BF100203.D
 Acq: 5 Nov 2017 2:52

Tgt Ion:264 Resp: 157996
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.2 28.8
 265 21.3 17.5 26.3

