

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110117\
 Data File : BF100045.D
 Acq On : 1 Nov 2017 16:05
 Operator : SJ/JU
 Sample : I6234-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-1

Quant Time: Nov 01 18:24:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	89414	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	369814	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	176606	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	335247	20.00	ng	0.00
75) Chrysene-d12	13.97	240	254582	20.00	ng	0.00
86) Perylene-d12	15.47	264	185524	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	363195	63.77	ng	0.01
7) Phenol-d6	6.42	99	269242	39.87	ng	0.00
23) Nitrobenzene-d5	7.35	82	540961	94.18	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	233246	144.92	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1108785	96.86	ng	0.00
78) Terphenyl-d14	12.90	244	1058235	90.84	ng	0.00

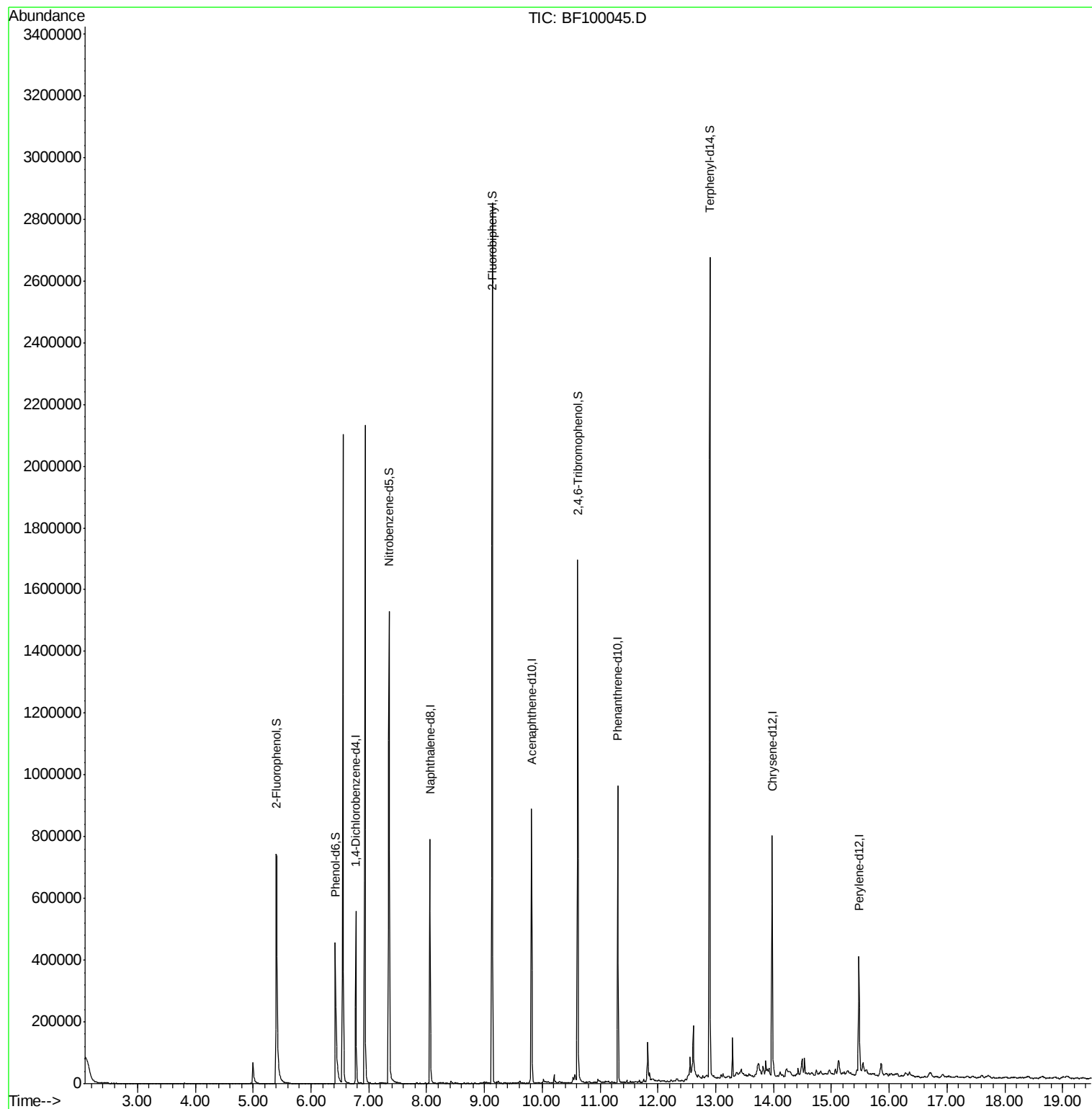
Target Compounds Qvalue

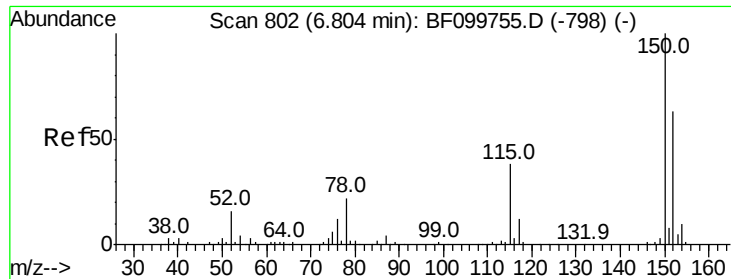
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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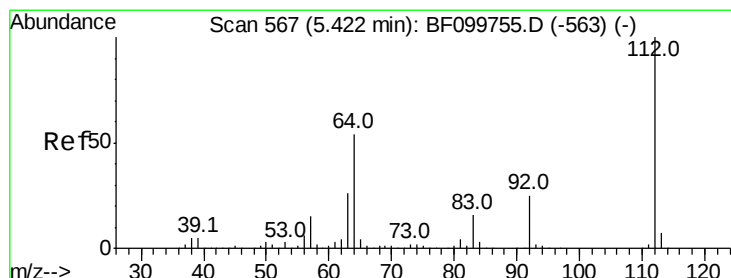
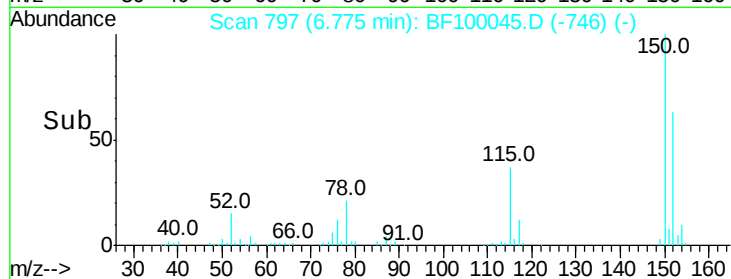
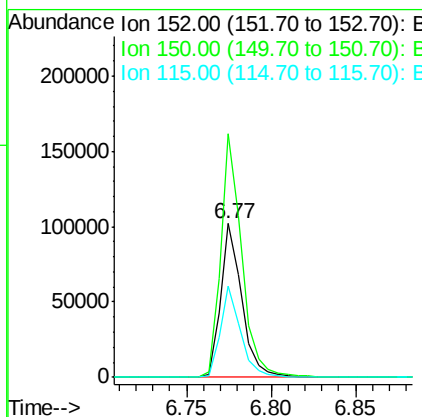
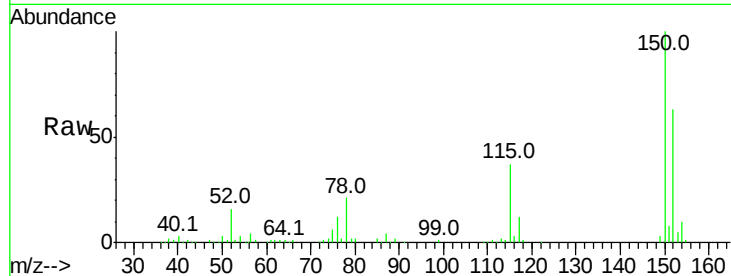




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF100045.D
 Acq: 1 Nov 2017 16:05

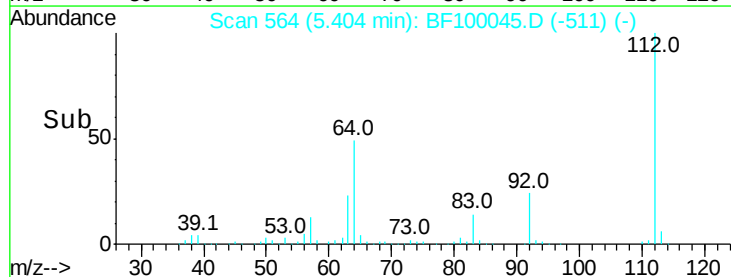
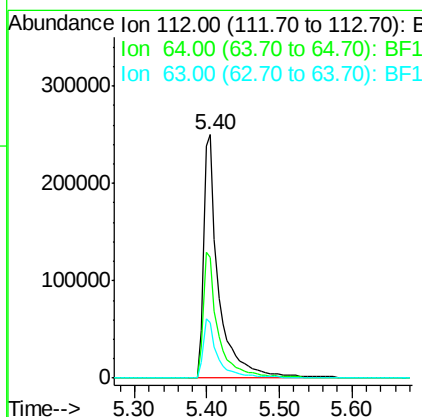
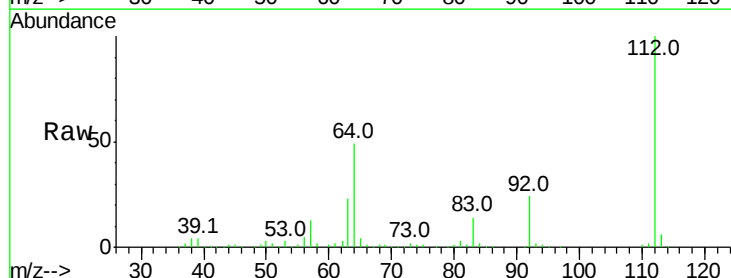
Instrument :
 BNA_F
 ClientSampleId :
 TW-1

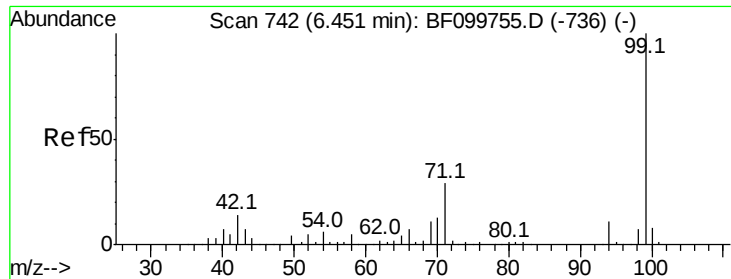
Tot Ion:152 Resp: 89414
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.6 186.8
 115 59.2 50.1 75.1



#5
 2-Fluorophenol
 Concen: 63.771 ng
 RT: 5.40 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: BF100045.D
 Acq: 1 Nov 2017 16:05

Tgt Ion:112 Resp: 363195
 Ion Ratio Lower Upper
 112 100
 64 49.4 47.9 71.9
 63 23.0 23.7 35.5#





#7

Phenol-d6

Concen: 39.870 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100045.D

Acq: 1 Nov 2017 16:05

Instrument :

BNA_F

ClientSampled :

TW-1

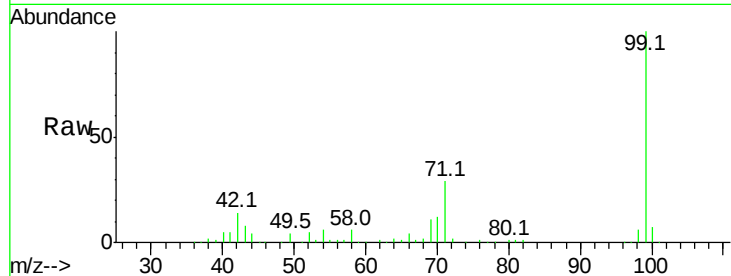
Tot Ion: 99 Resp: 269242

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

71 29.3 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

250000

200000

150000

100000

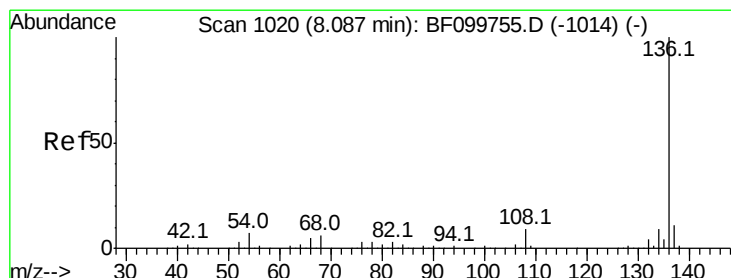
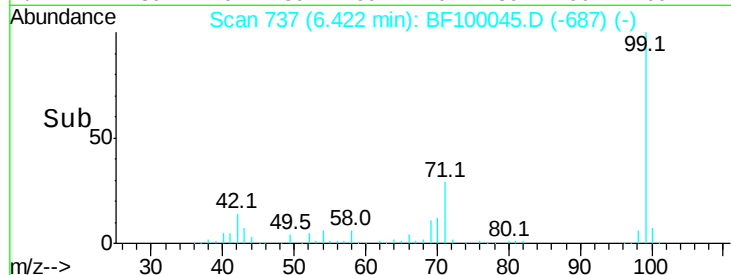
50000

0

6.42

6.40 6.50 6.60

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF100045.D

Acq: 1 Nov 2017 16:05

Tgt Ion: 136 Resp: 369814

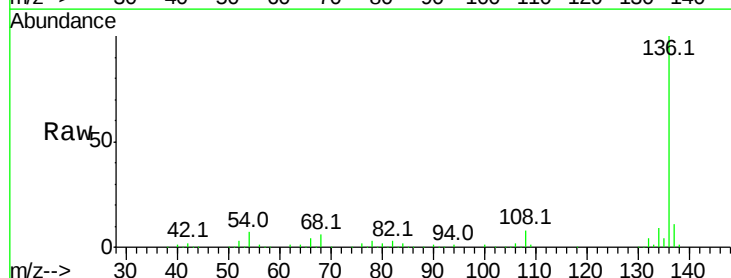
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.7 6.6 9.8

68 5.7 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

600000

500000

400000

300000

200000

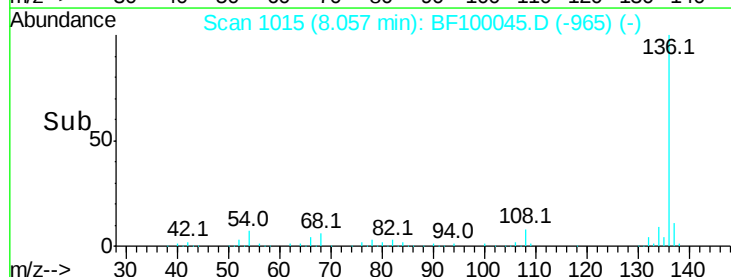
100000

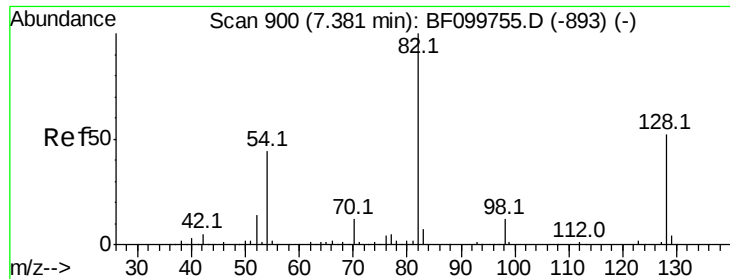
0

8.06

8.00 8.10 8.20

Time-->

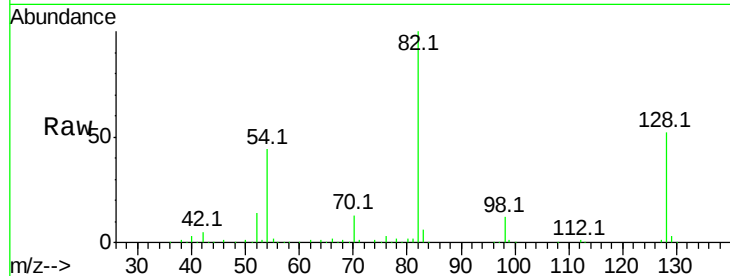




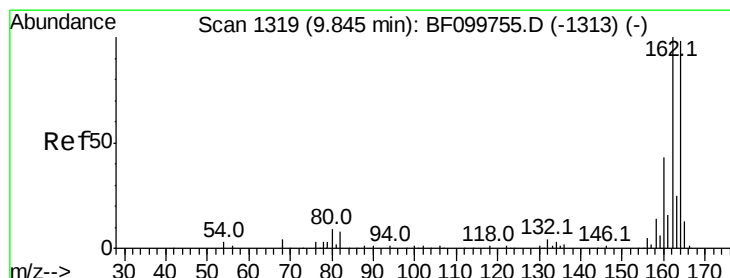
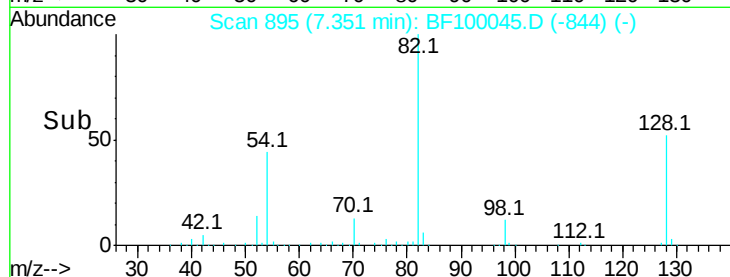
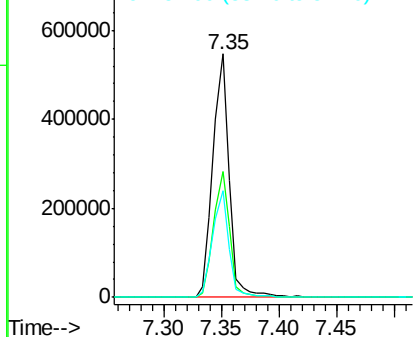
#23
 Nitrobenzene-d5
 Concen: 94.175 ng
 RT: 7.35 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF100045.D
 Acq: 1 Nov 2017 16:05

Instrument :
 BNA_F
 ClientSampleId :
 TW-1

Tot Ion: 82 Resp: 540961
 Ion Ratio Lower Upper
 82 100
 128 51.8 36.1 54.1
 54 44.0 41.4 62.2

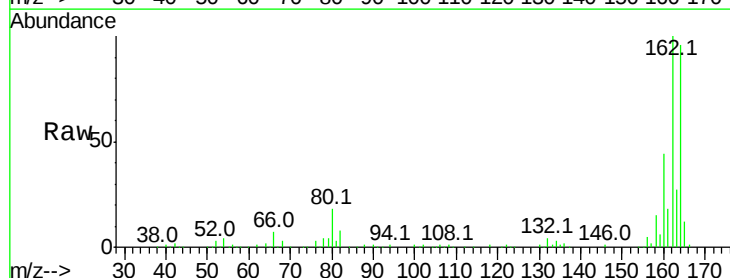


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

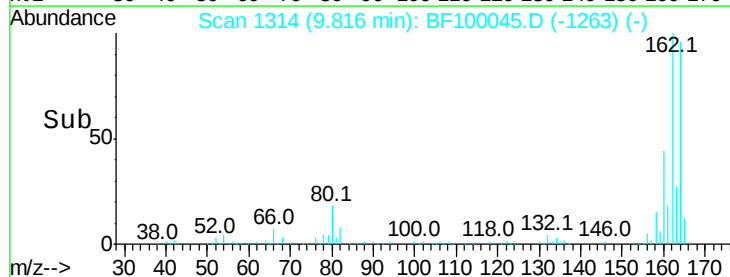
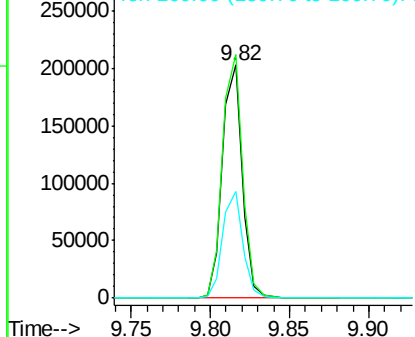


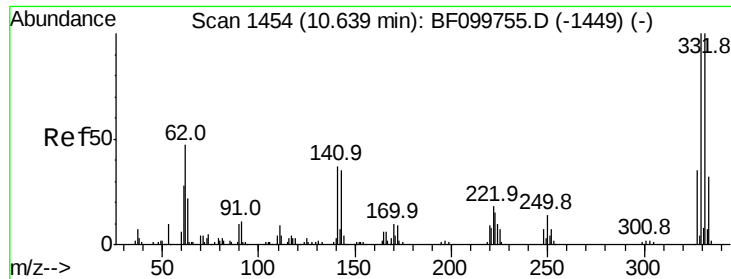
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF100045.D
 Acq: 1 Nov 2017 16:05

Tgt Ion: 164 Resp: 176606
 Ion Ratio Lower Upper
 164 100
 162 104.4 86.1 129.1
 160 45.5 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

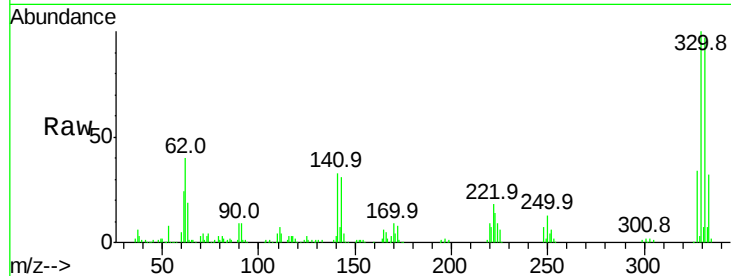




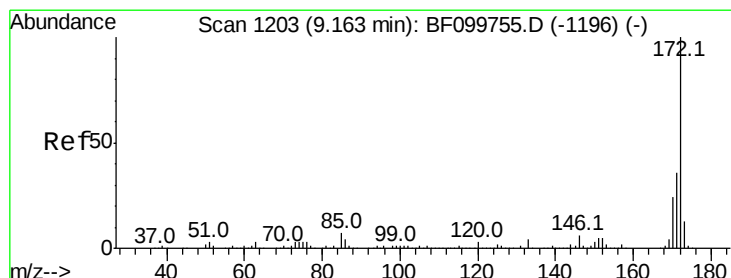
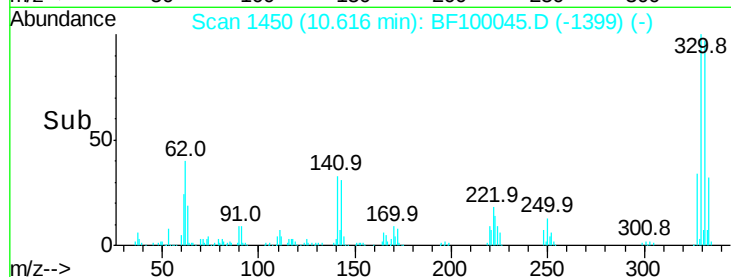
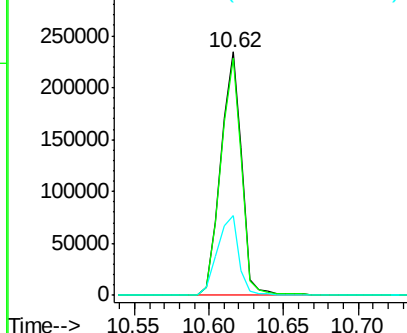
#41
 2,4,6-Tribromophenol
 Concen: 144.924 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.00 min
 Lab File: BF100045.D
 Acq: 1 Nov 2017 16:05

Instrument :
 BNA_F
 ClientSampleId :
 TW-1

Tot Ion:330 Resp: 233246
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 33.5 29.9 44.9

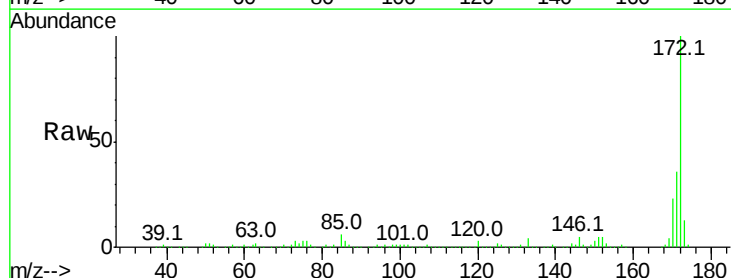


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

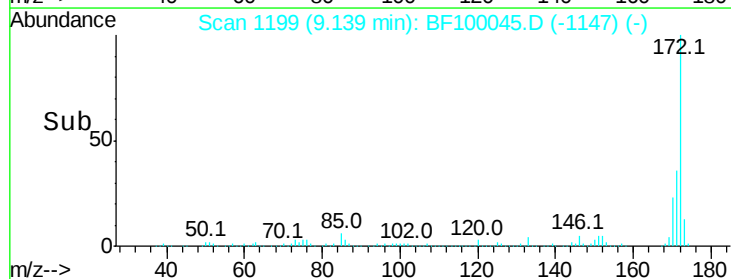
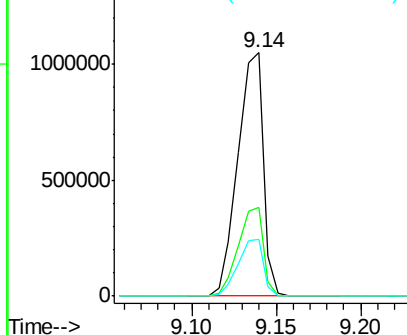


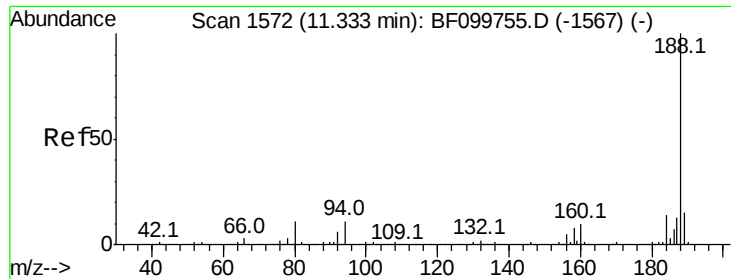
#44
 2-Fluorobiphenyl
 Concen: 96.864 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF100045.D
 Acq: 1 Nov 2017 16:05

Tgt Ion:172 Resp: 1108785
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 23.4 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

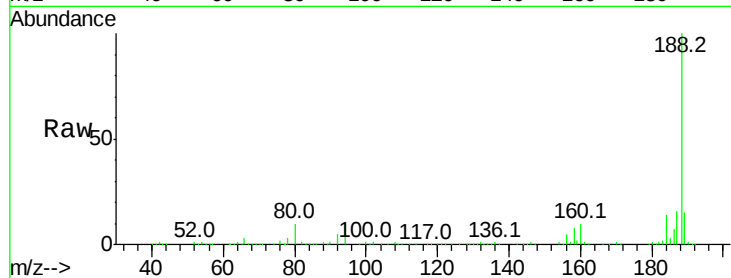




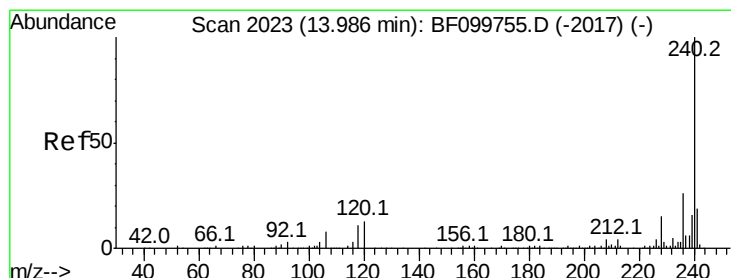
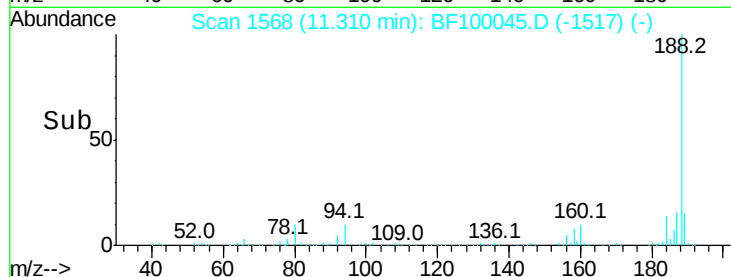
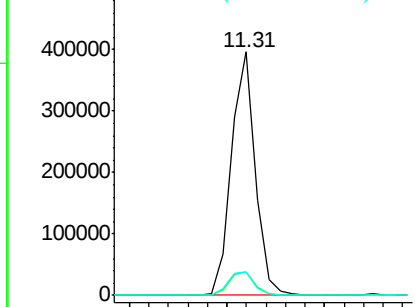
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF100045.D
Acq: 1 Nov 2017 16:05

Instrument :
BNA_F
ClientSampled :
TW-1

Tot Ion:188 Resp: 335247
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 9.7 9.2 13.8

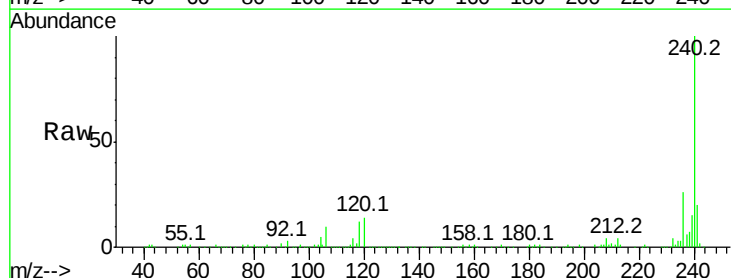


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

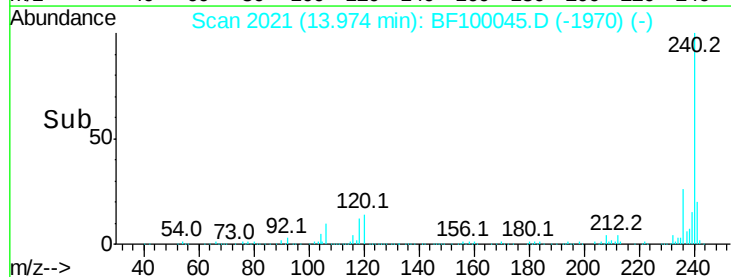
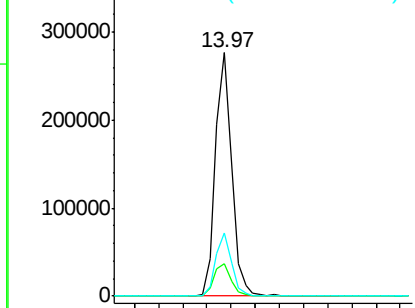


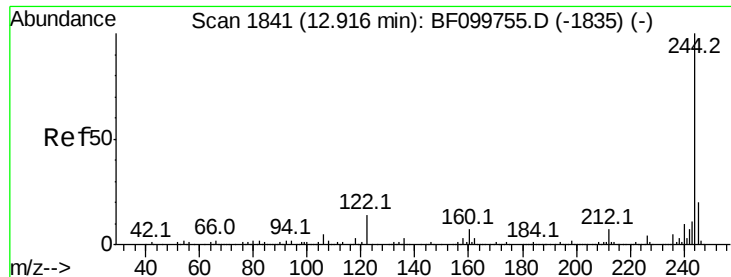
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF100045.D
Acq: 1 Nov 2017 16:05

Tgt Ion:240 Resp: 254582
Ion Ratio Lower Upper
240 100
120 13.5 9.5 14.3
236 26.0 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: 90.841 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF100045.D

Acq: 1 Nov 2017 16:05

Instrument :

BNA_F

ClientSampleId :

TW-1

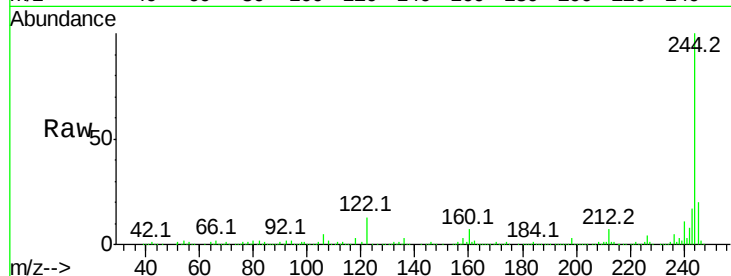
Tot Ion:244 Resp: 1058235

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

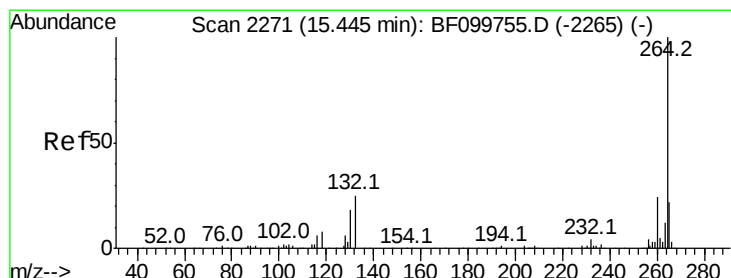
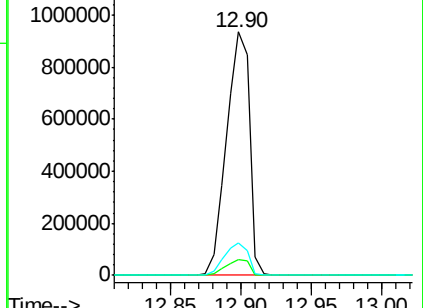
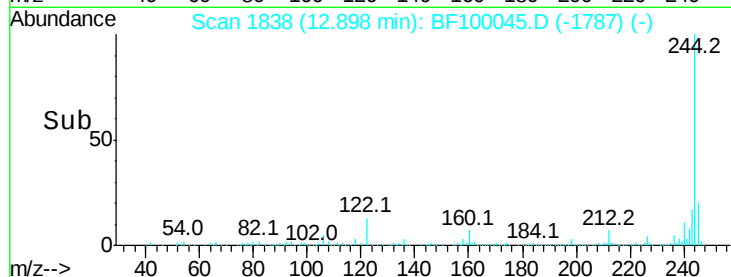
122 13.3 11.0 16.4



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: 15.47 min Scan# 2276

Delta R.T. 0.01 min

Lab File: BF100045.D

Acq: 1 Nov 2017 16:05

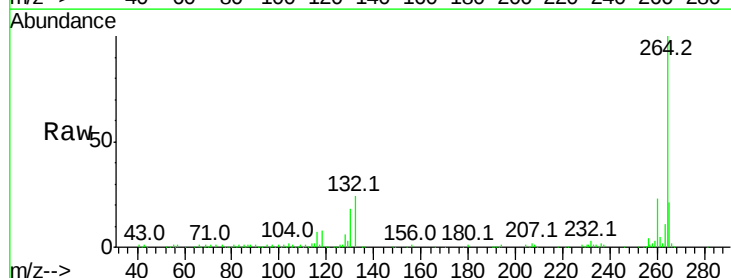
Tgt Ion:264 Resp: 185524

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.1 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

