

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110117\
 Data File : BF100046.D
 Acq On : 1 Nov 2017 16:31
 Operator : SJ/JU
 Sample : I6234-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-5

Quant Time: Nov 01 18:27:24 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	79742	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	333490	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	160406	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	305140	20.00	ng	0.00
75) Chrysene-d12	13.97	240	233599	20.00	ng	0.00
86) Perylene-d12	15.46	264	164273	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	363987	71.66	ng	0.00
7) Phenol-d6	6.42	99	287358	47.71	ng	0.00
23) Nitrobenzene-d5	7.35	82	483561	93.35	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	209452	143.28	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1011376	97.28	ng	0.00
78) Terphenyl-d14	12.90	244	964379	90.22	ng	0.00

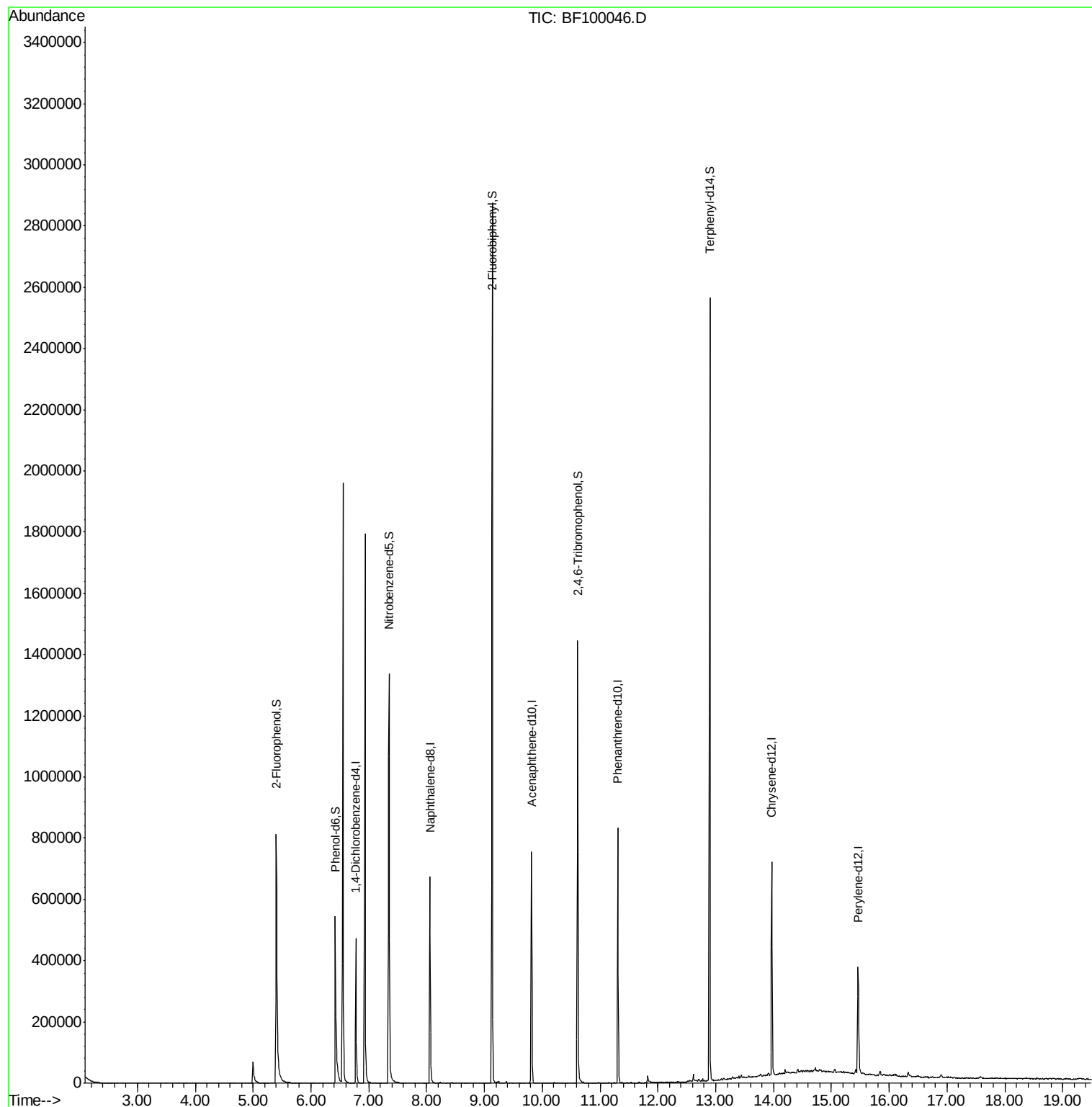
Target Compounds Qvalue

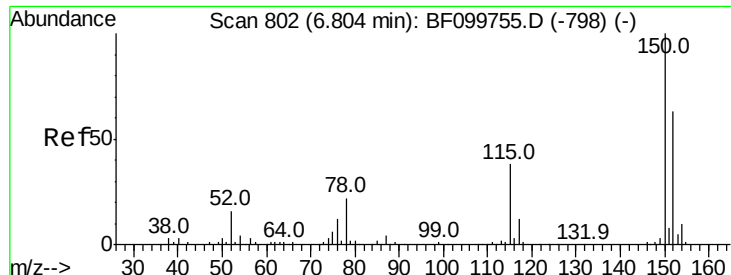
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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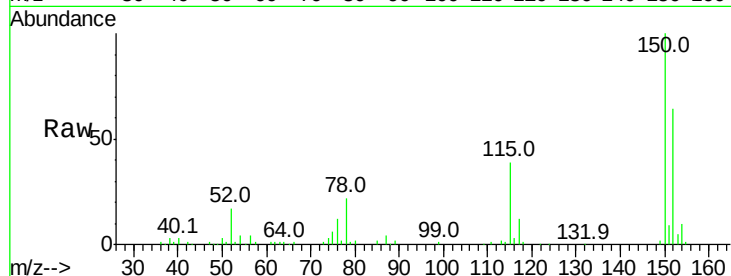


#1

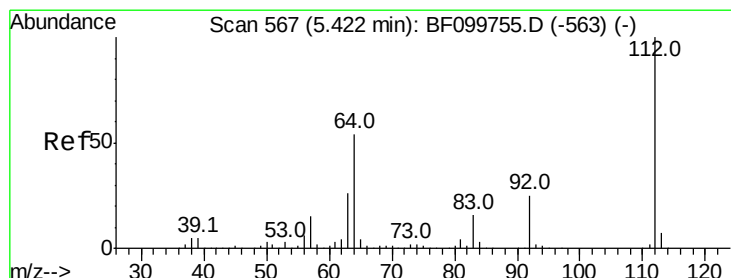
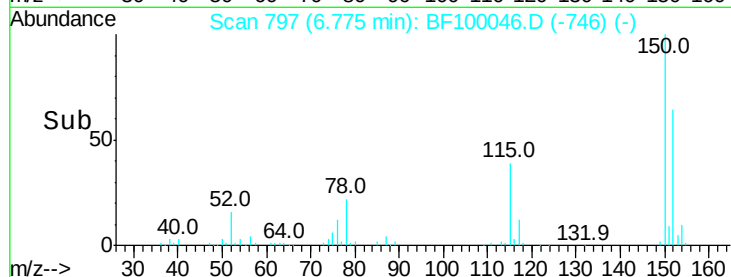
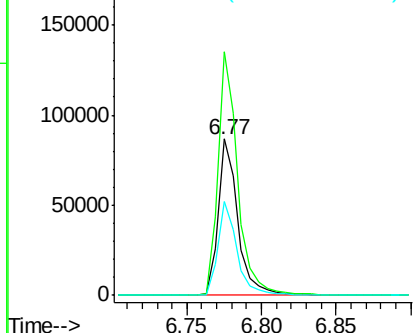
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF100046.D
Acq: 1 Nov 2017 16:31

Instrument :
BNA_F
ClientSampleId :
TW-5

Tot Ion:152 Resp: 79742
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 60.3 50.1 75.1



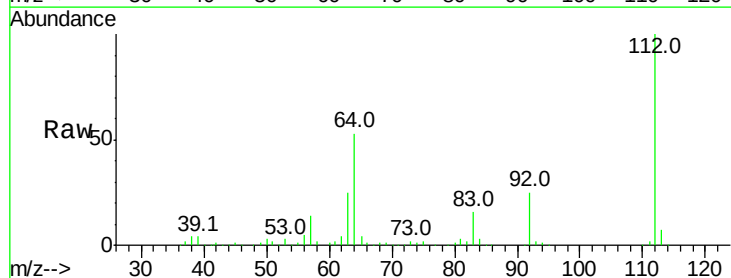
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



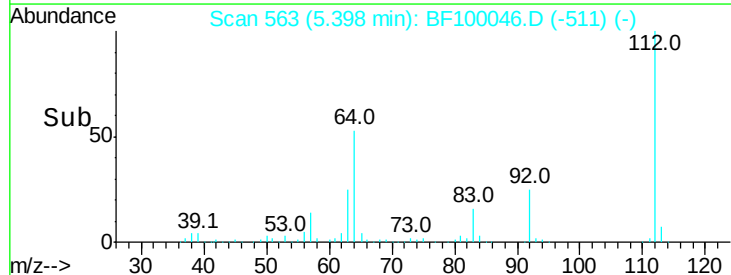
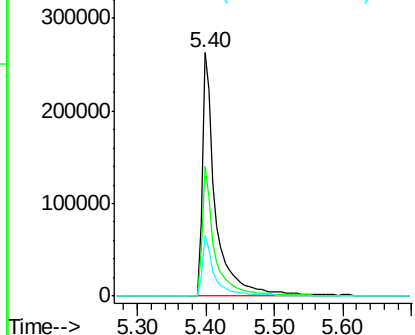
#5

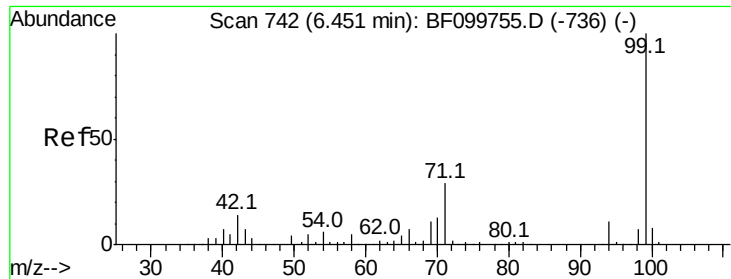
2-Fluorophenol
Concen: 71.662 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF100046.D
Acq: 1 Nov 2017 16:31

Tgt Ion:112 Resp: 363987
Ion Ratio Lower Upper
112 100
64 53.1 47.9 71.9
63 25.1 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: 47.714 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100046.D

Acq: 1 Nov 2017 16:31

Instrument :

BNA_F

ClientSampleId :

TW-5

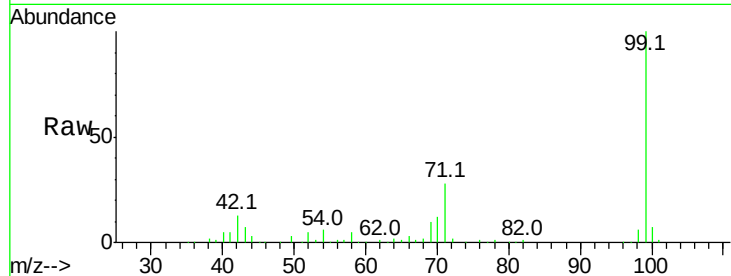
Tot Ion: 99 Resp: 287358

Ion Ratio Lower Upper

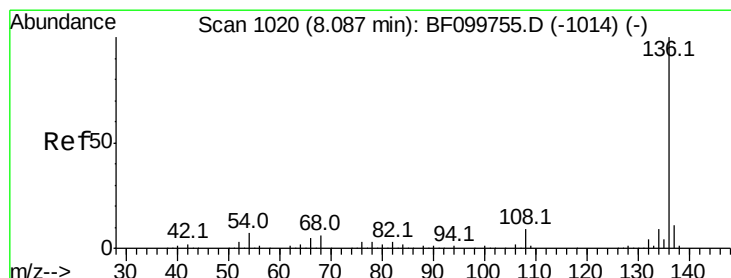
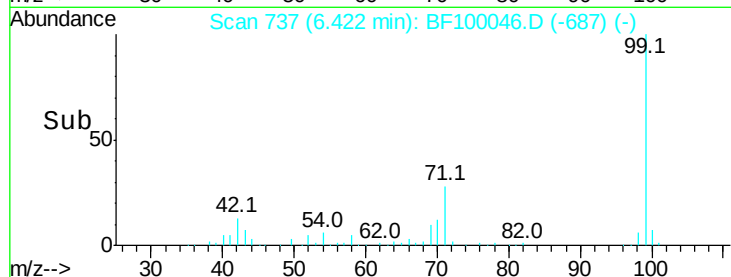
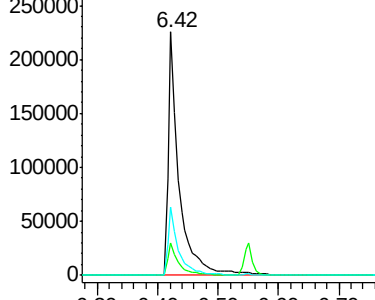
99 100

42 13.3 14.5 21.7#

71 28.1 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF100046.D

Acq: 1 Nov 2017 16:31

Tgt Ion: 136 Resp: 333490

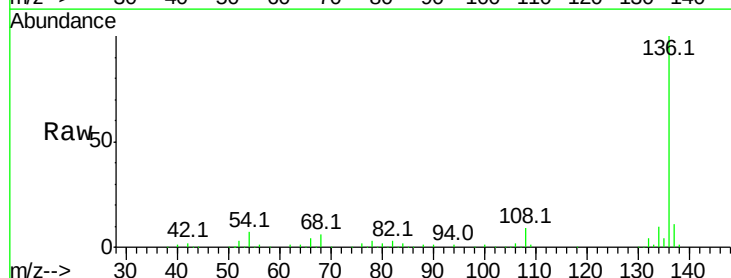
Ion Ratio Lower Upper

136 100

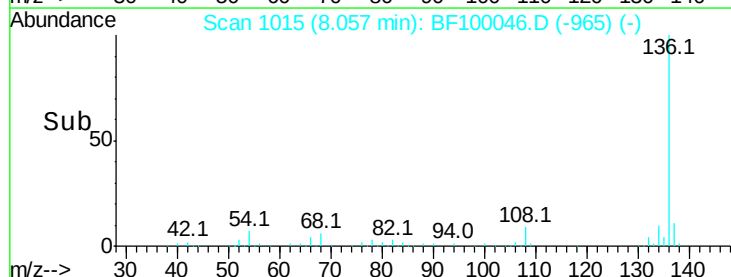
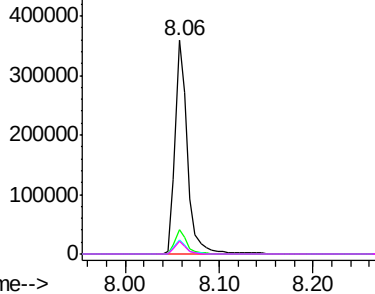
137 11.2 8.9 13.3

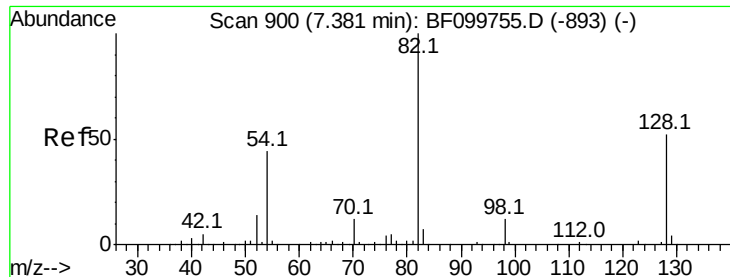
54 6.7 6.6 9.8

68 6.0 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

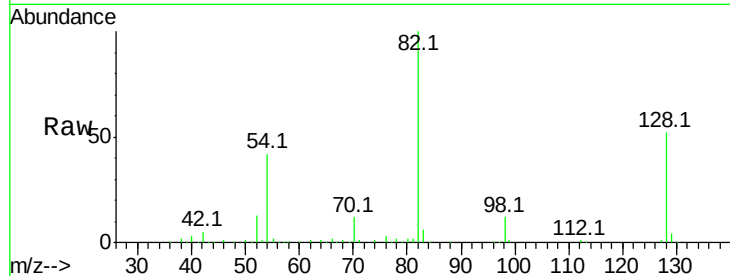




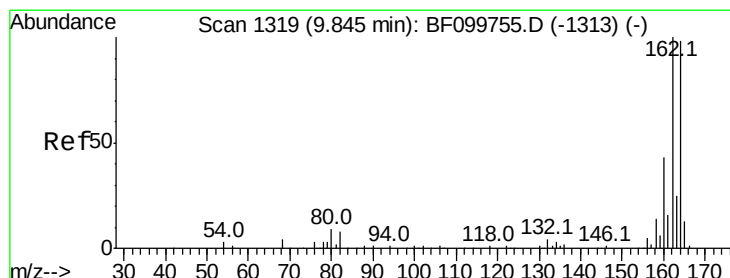
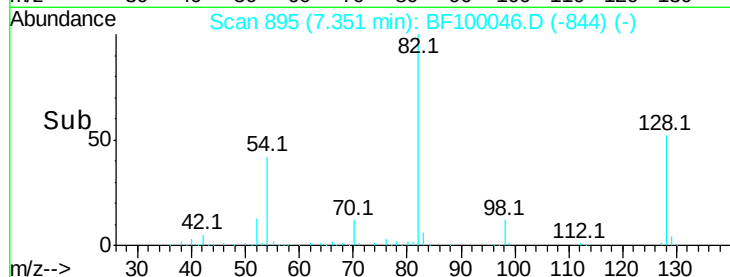
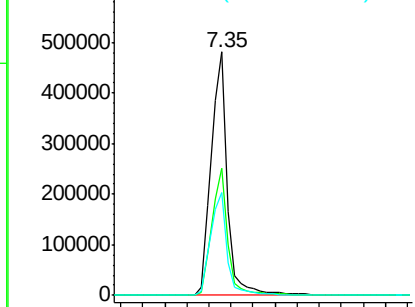
#23
 Nitrobenzene-d5
 Concen: 93.352 ng
 RT: 7.35 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF100046.D
 Acq: 1 Nov 2017 16:31

Instrument :
 BNA_F
 ClientSampleId :
 TW-5

Tot Ion: 82 Resp: 483561
 Ion Ratio Lower Upper
 82 100
 128 52.3 36.1 54.1
 54 42.5 41.4 62.2

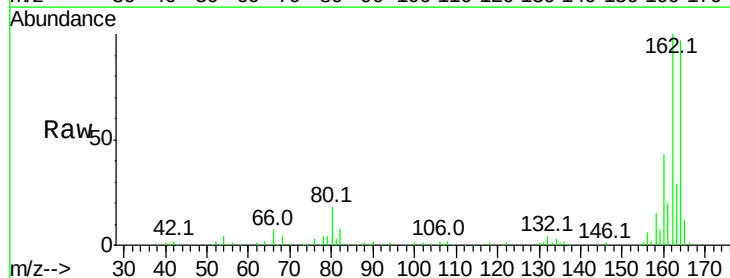


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

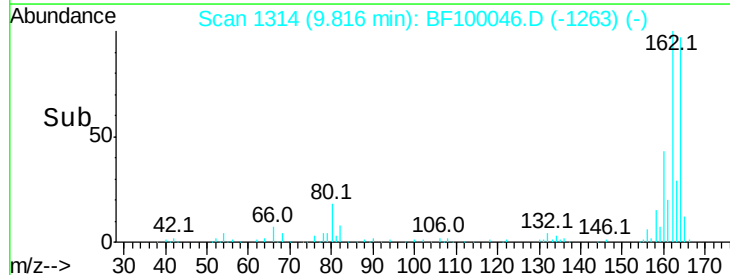
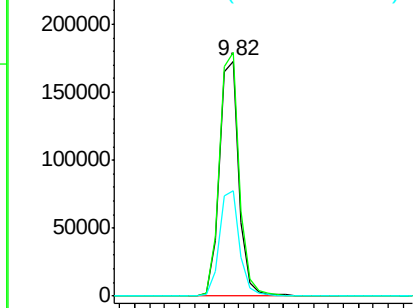


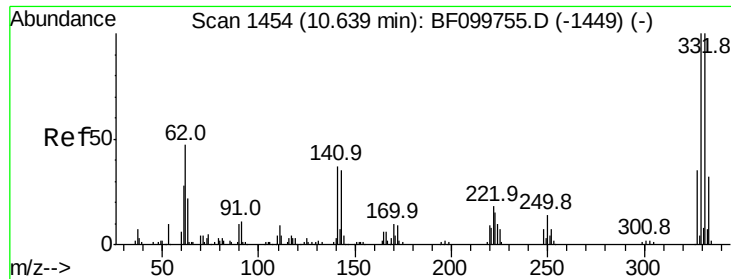
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF100046.D
 Acq: 1 Nov 2017 16:31

Tgt Ion: 164 Resp: 160406
 Ion Ratio Lower Upper
 164 100
 162 103.5 86.1 129.1
 160 44.8 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

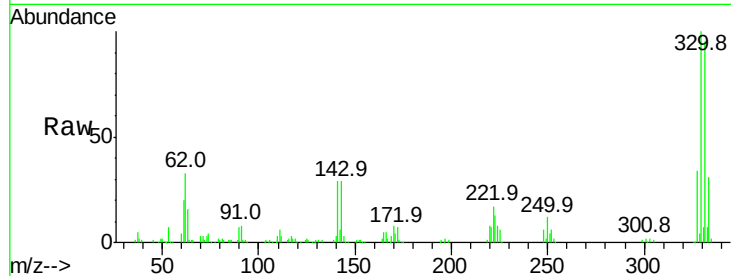




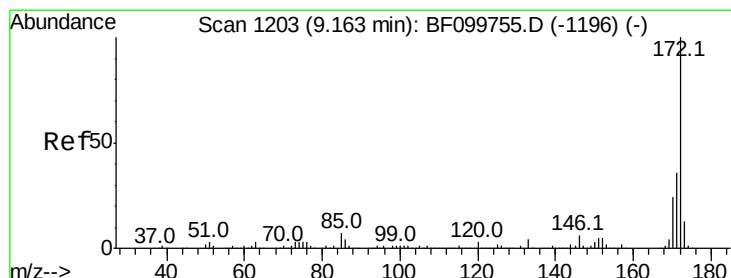
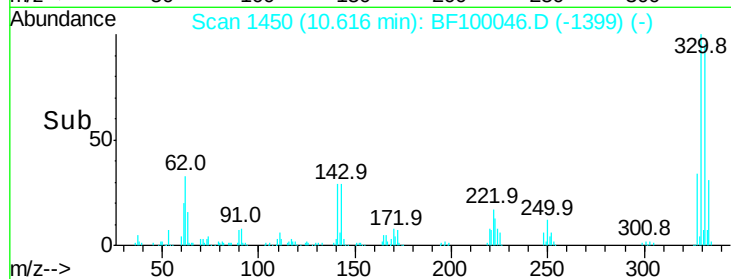
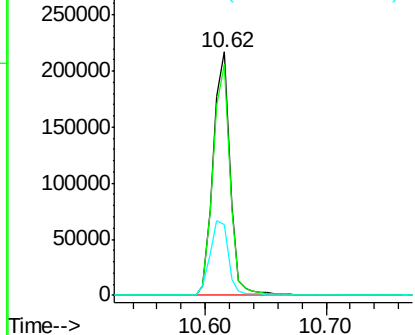
#41
 2,4,6-Tribromophenol
 Concen: 143.283 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.00 min
 Lab File: BF100046.D
 Acq: 1 Nov 2017 16:31

Instrument :
 BNA_F
 ClientSampleId :
 TW-5

Tot Ion:330 Resp: 209452
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 33.3 29.9 44.9

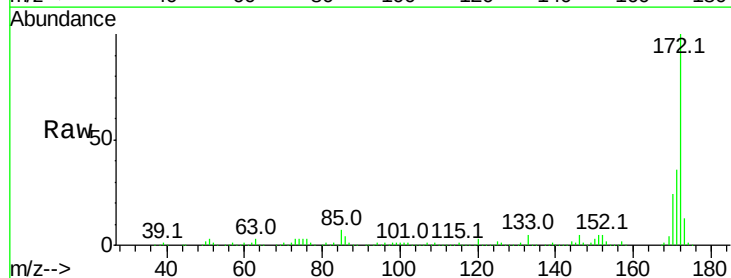


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

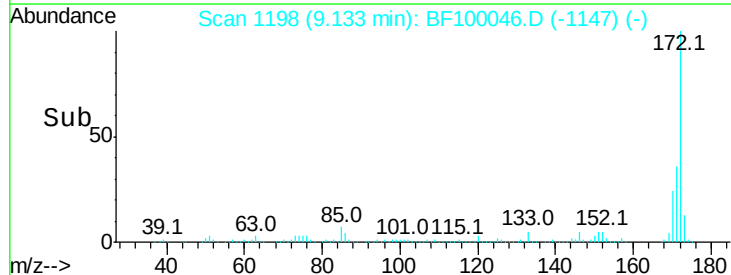
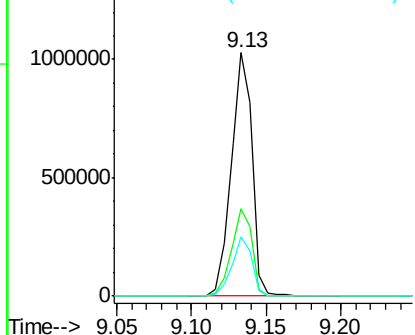


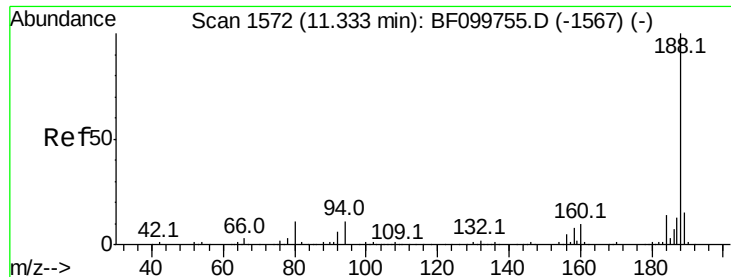
#44
 2-Fluorobiphenyl
 Concen: 97.278 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF100046.D
 Acq: 1 Nov 2017 16:31

Tgt Ion:172 Resp: 1011376
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.2 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

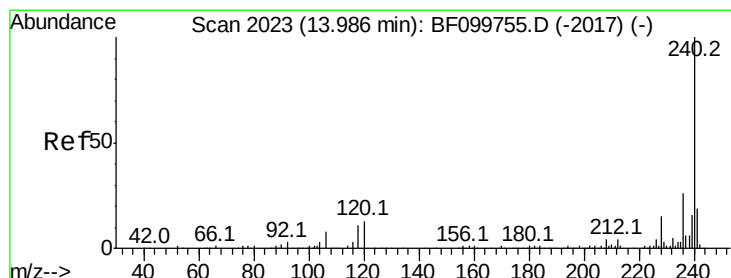
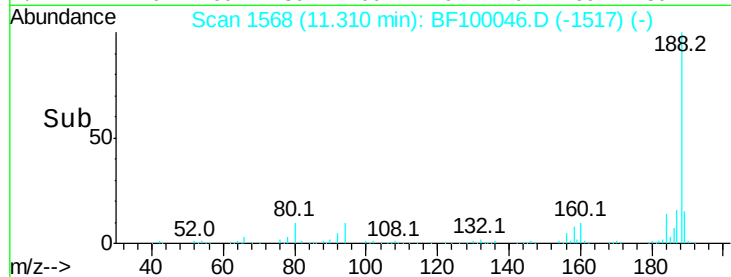
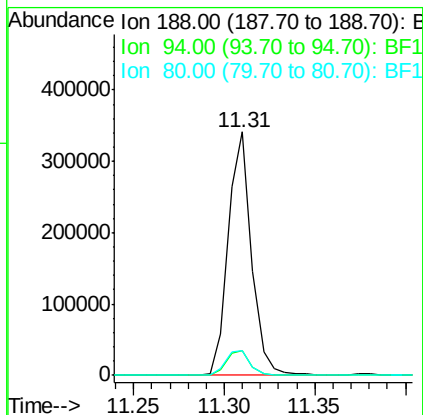
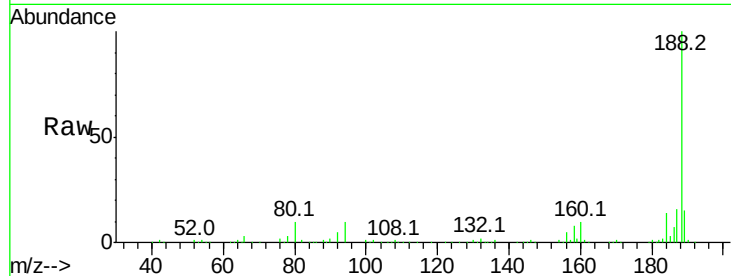




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF100046.D
 Acq: 1 Nov 2017 16:31

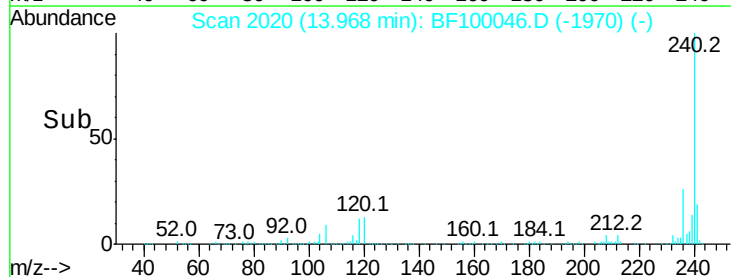
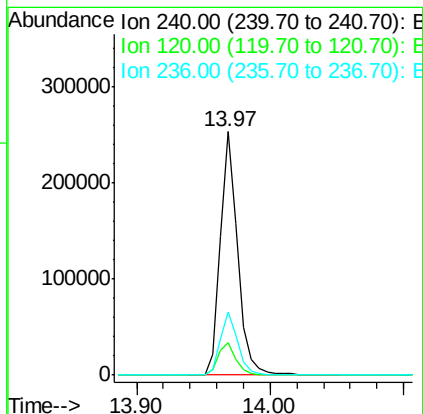
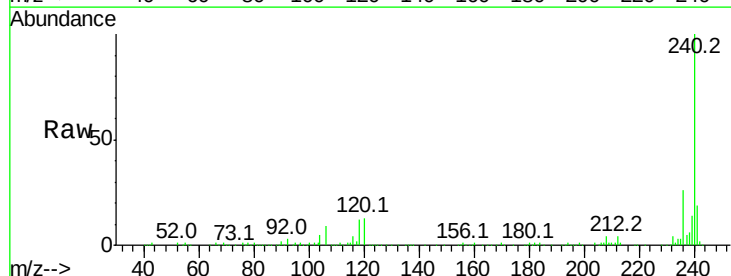
Instrument :
 BNA_F
 ClientSampleId :
 TW-5

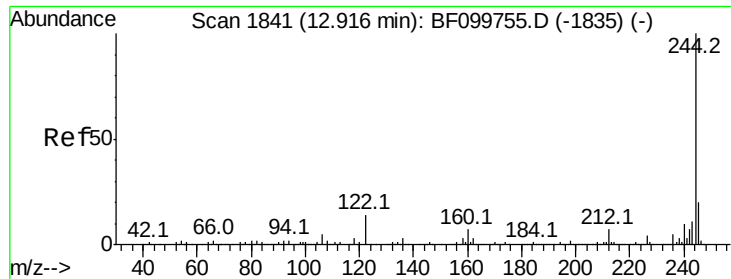
Tot Ion:188 Resp: 305140
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.5 12.7
 80 10.0 9.2 13.8



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF100046.D
 Acq: 1 Nov 2017 16:31

Tgt Ion:240 Resp: 233599
 Ion Ratio Lower Upper
 240 100
 120 13.4 9.5 14.3
 236 26.0 20.7 31.1





#78

Terphenyl-d14

Concen: 90.220 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF100046.D

Acq: 1 Nov 2017 16:31

Instrument :

BNA_F

ClientSampleId :

TW-5

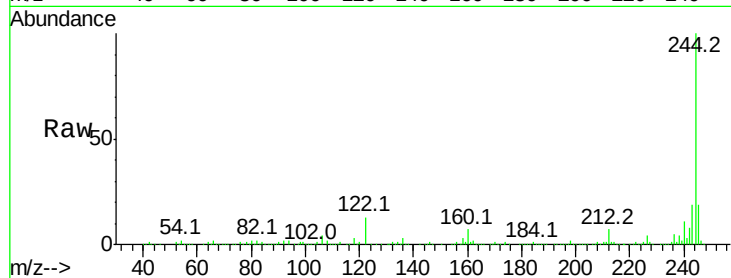
Tot Ion:244 Resp: 964379

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

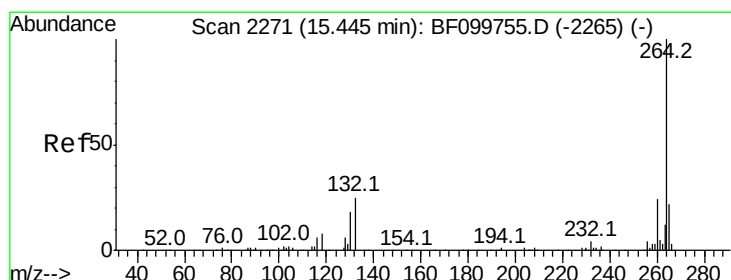
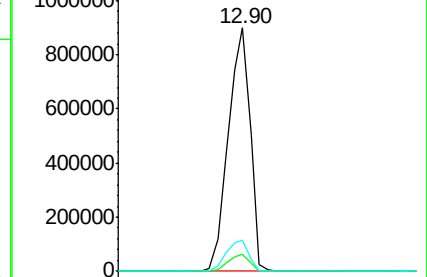
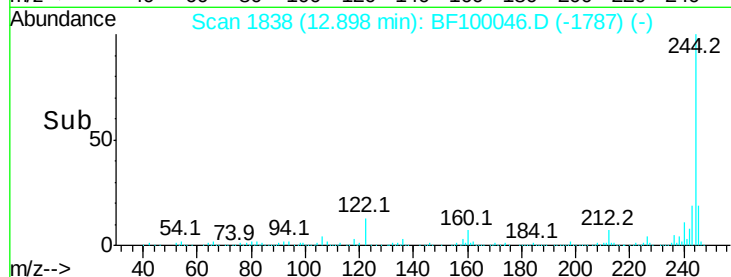
122 12.8 11.0 16.4



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: 15.46 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BF100046.D

Acq: 1 Nov 2017 16:31

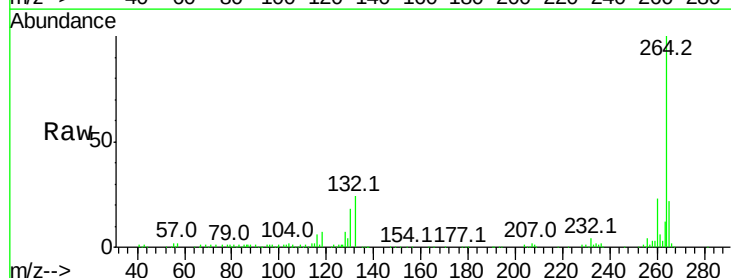
Tgt Ion:264 Resp: 164273

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 21.7 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

