

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100037.D
 Acq On : 1 Nov 2017 9:26
 Operator : SJ/JU
 Sample : I6092-05
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PINELAWN-STA-COMP(1-4)

Quant Time: Nov 01 11:13:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	79382	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	331499	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	155092	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	284553	20.00	ng	0.00
75) Chrysene-d12	13.97	240	171358	20.00	ng	-0.01
86) Perylene-d12	15.46	264	148972	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	639595	126.50	ng	0.02
7) Phenol-d6	6.43	99	711919	118.75	ng	0.00
23) Nitrobenzene-d5	7.36	82	458242	89.00	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	188099	133.08	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	936955	93.21	ng	0.00
78) Terphenyl-d14	12.91	244	809152	103.19	ng	0.00

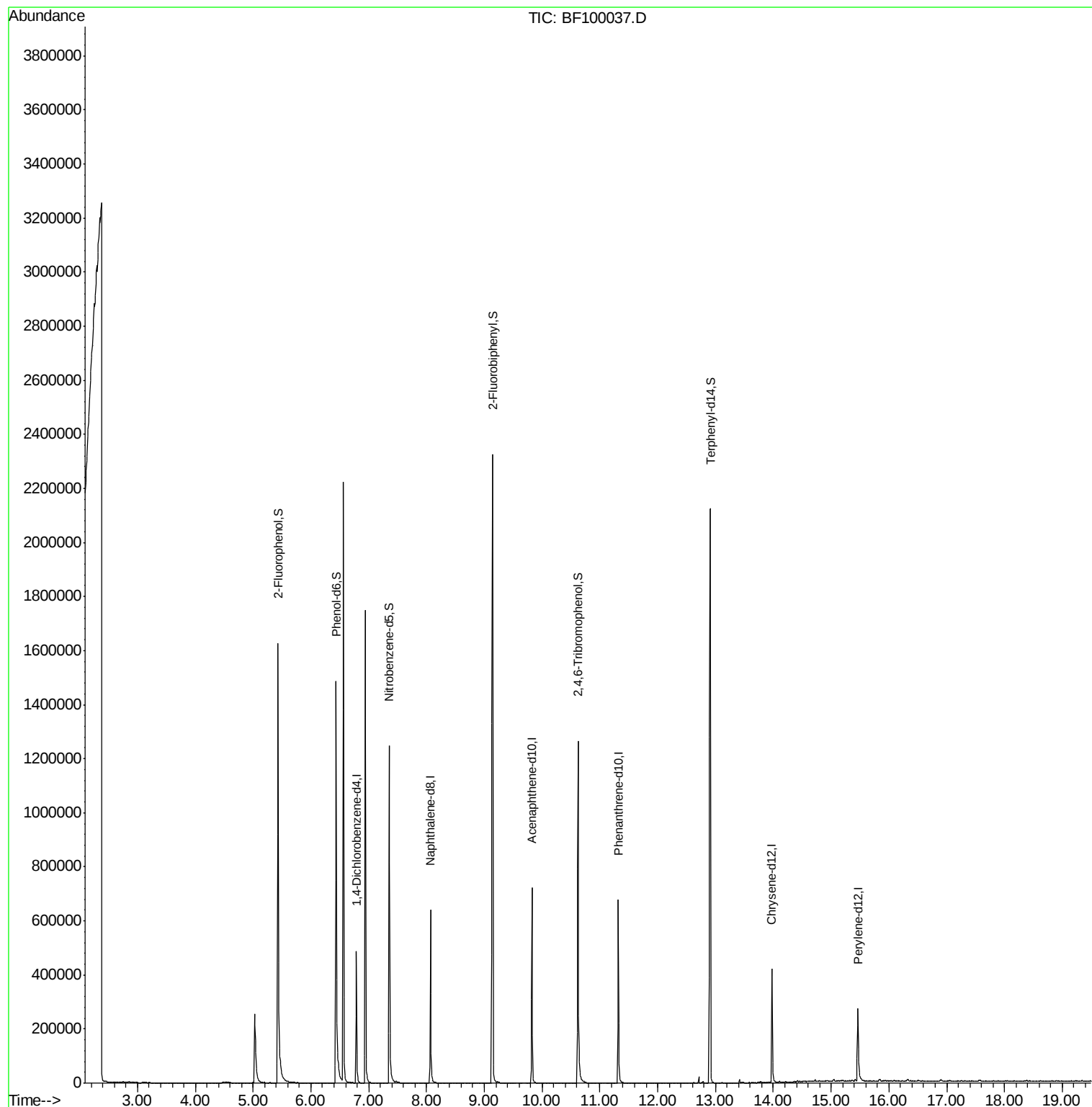
Target Compounds Qvalue

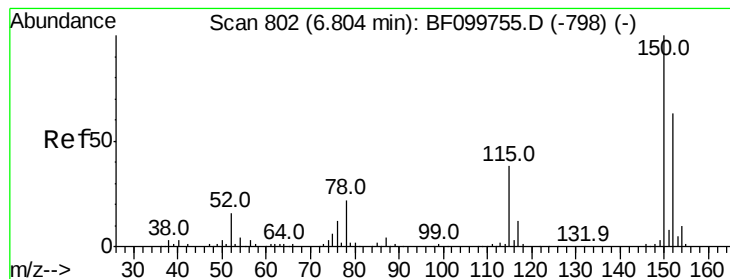
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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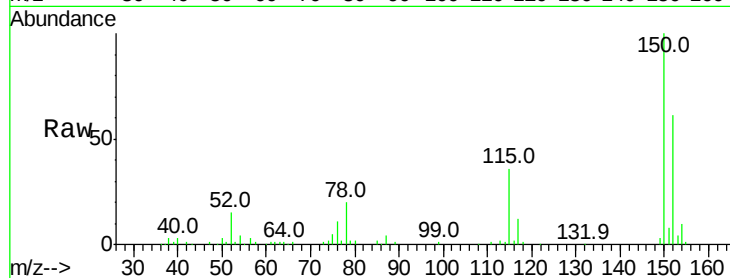


#1

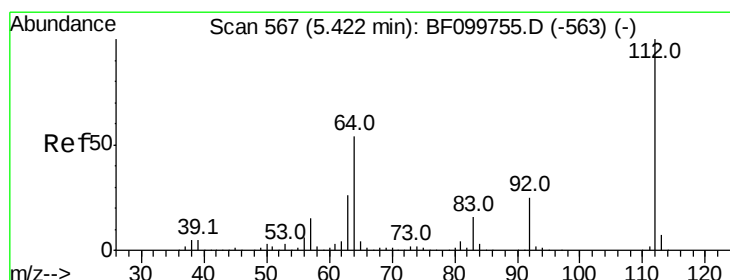
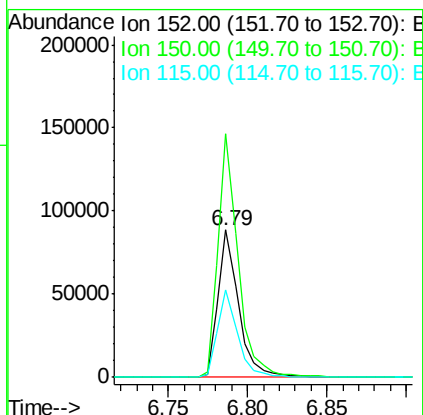
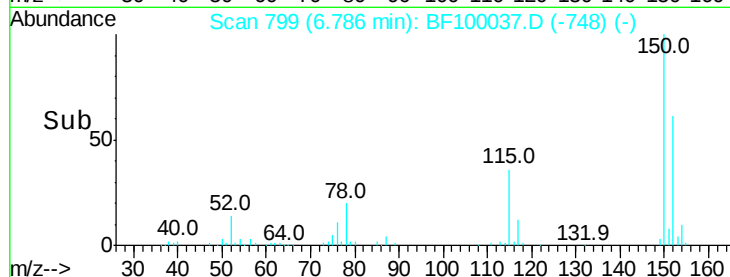
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF100037.D
 Acq: 1 Nov 2017 9:26

Instrument :
 BNA_F
 ClientSampleId :
 PINELAWN-STA-COMP(1-4)

Tot Ion:152 Resp: 79382
 Ion Ratio Lower Upper
 152 100
 150 165.1 124.6 186.8
 115 59.1 50.1 75.1



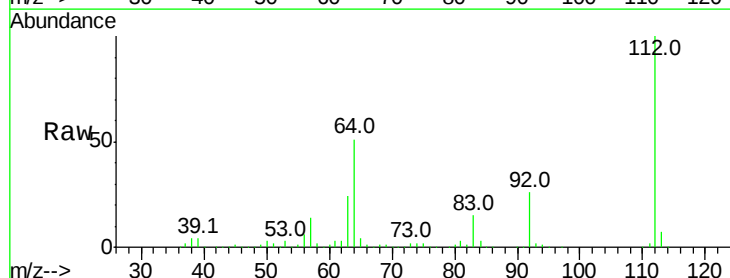
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



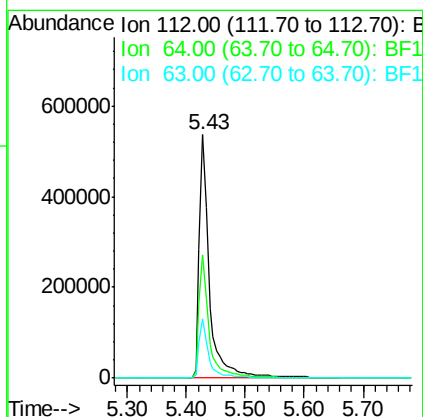
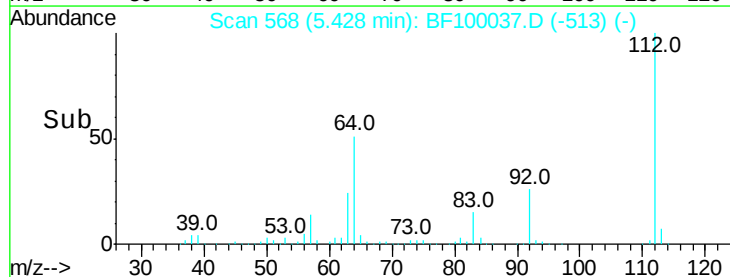
#5

2-Fluorophenol
 Concen: 126.495 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.02 min
 Lab File: BF100037.D
 Acq: 1 Nov 2017 9:26

Tgt Ion:112 Resp: 639595
 Ion Ratio Lower Upper
 112 100
 64 50.7 47.9 71.9
 63 24.3 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: 118.745 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF100037.D

Acq: 1 Nov 2017 9:26

Instrument :

BNA_F

ClientSampleId :

PINELAWN-STA-COMP(1-4)

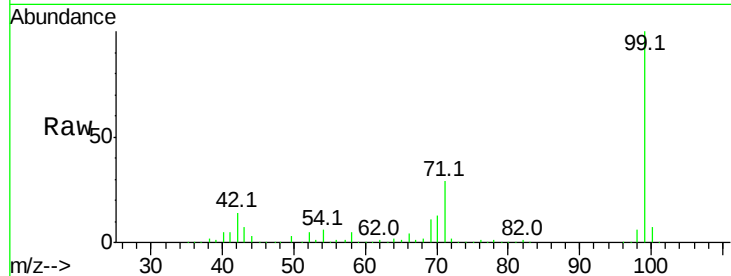
Tot Ion: 99 Resp: 711919

Ion Ratio Lower Upper

99 100

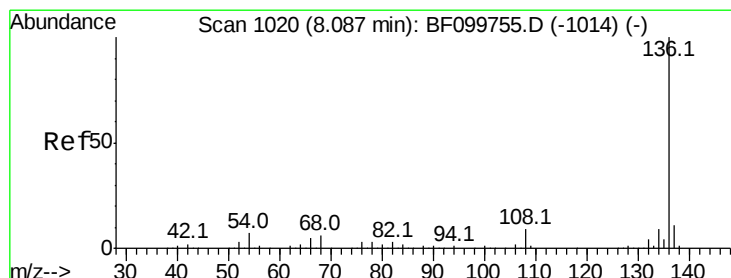
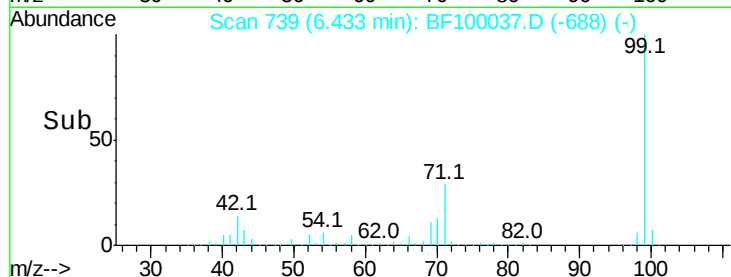
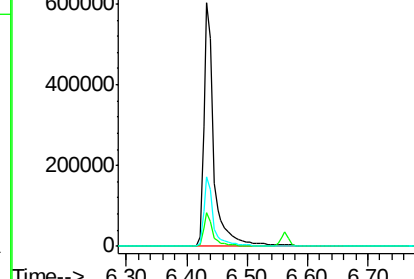
42 13.8 14.5 21.7#

71 28.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BF100037.D

Acq: 1 Nov 2017 9:26

Tgt Ion: 136 Resp: 331499

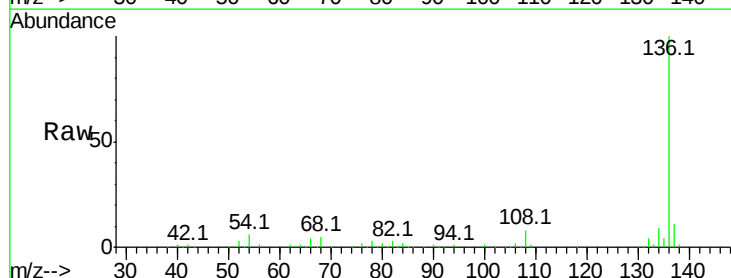
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

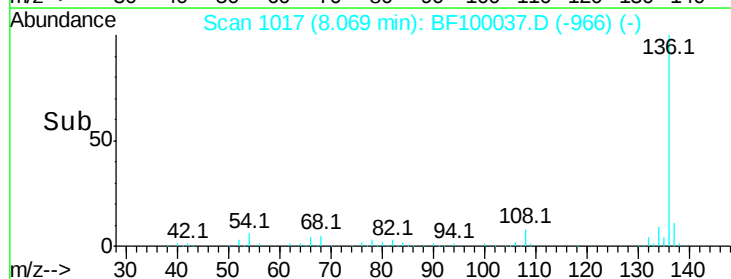
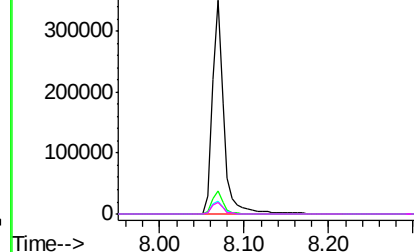
54 5.8 6.6 9.8#

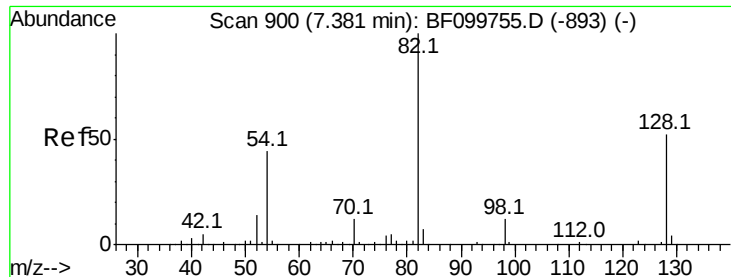
68 5.3 5.0 7.4



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

8.07

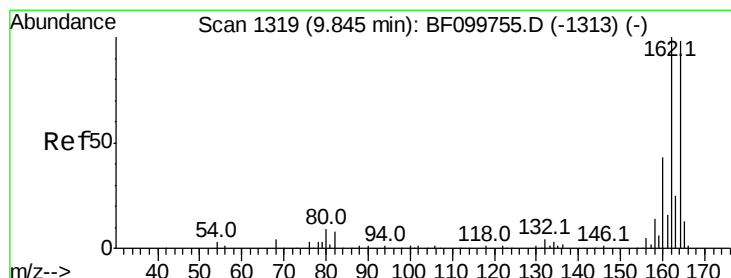
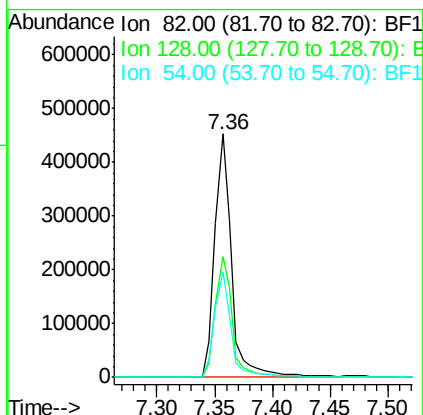
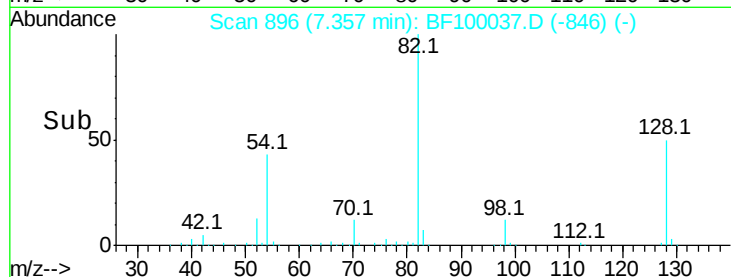
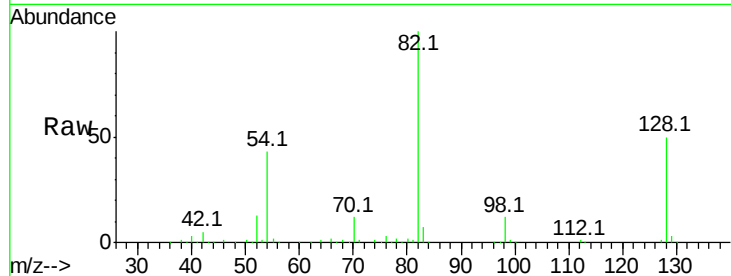




#23
Nitrobenzene-d5
Concen: 88.995 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF100037.D
Acq: 1 Nov 2017 9:26

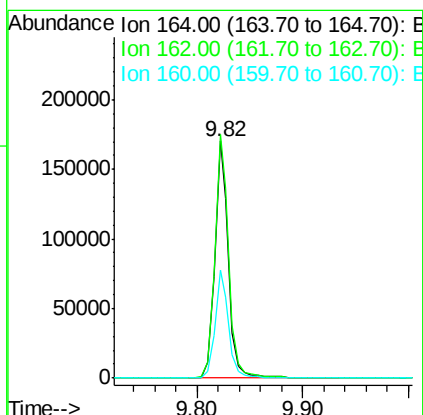
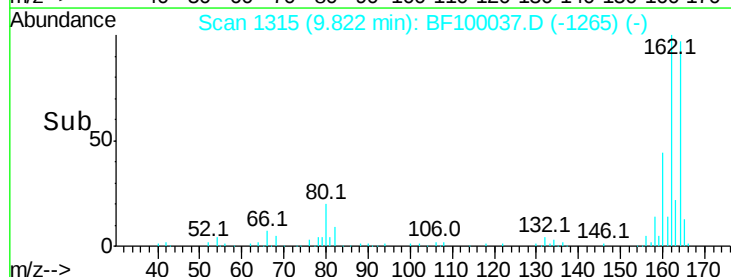
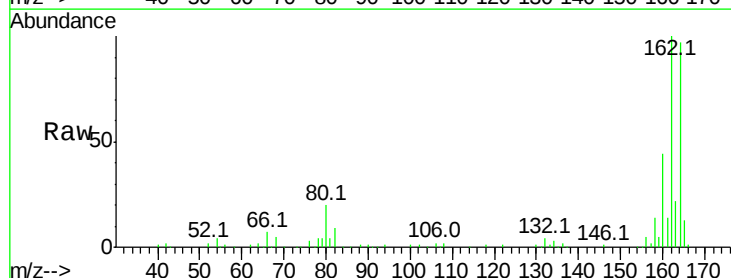
Instrument :
BNA_F
ClientSampleId :
PINELAWN-STA-COMP(1-4)

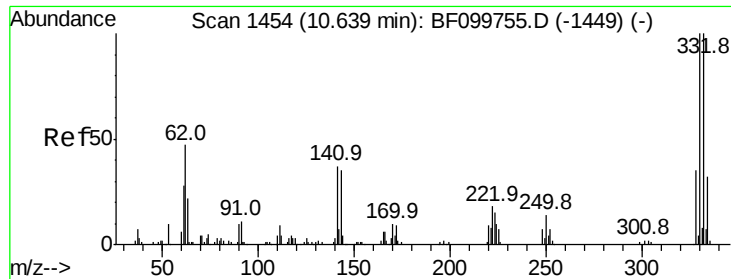
Tot Ion: 82 Resp: 458242
Ion Ratio Lower Upper
82 100
128 49.8 36.1 54.1
54 43.2 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF100037.D
Acq: 1 Nov 2017 9:26

Tgt Ion:164 Resp: 155092
Ion Ratio Lower Upper
164 100
162 102.9 86.1 129.1
160 45.5 38.3 57.5

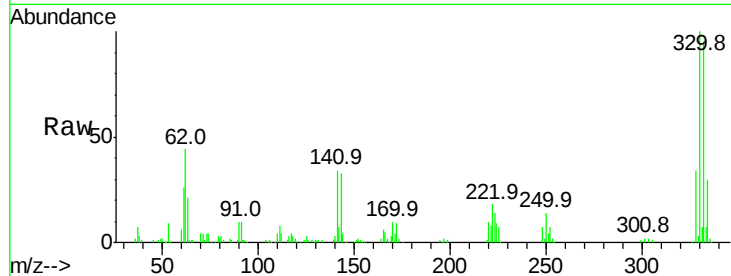




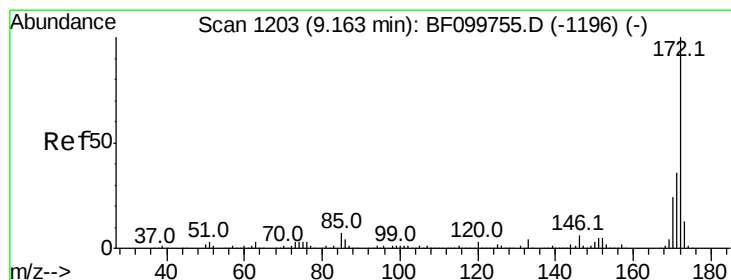
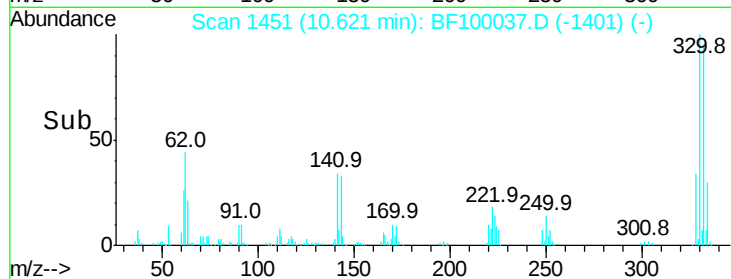
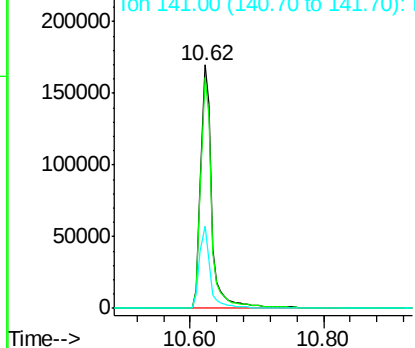
#41
 2,4,6-Tribromophenol
 Concen: 133.085 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF100037.D
 Acq: 1 Nov 2017 9:26

Instrument :
 BNA_F
 ClientSampleId :
 PINELAWN-STA-COMP(1-4)

Tot Ion	330	332	141	Ratio	Lower	Upper
330	100					
332	93.8			77.0	115.6	
141	32.8			29.9	44.9	

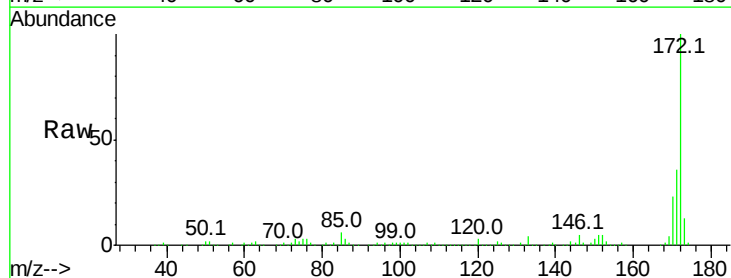


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

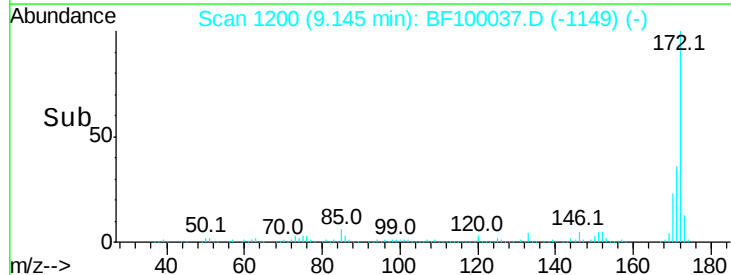
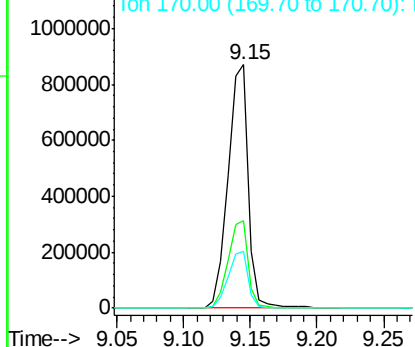


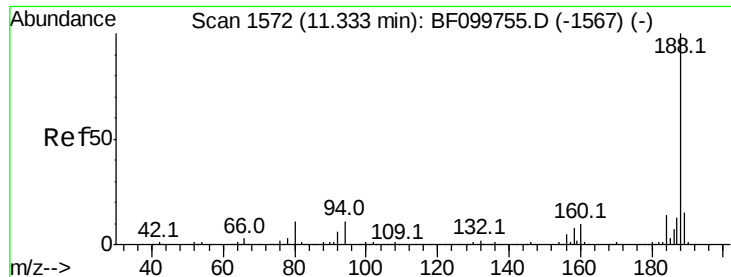
#44
 2-Fluorobiphenyl
 Concen: 93.207 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF100037.D
 Acq: 1 Nov 2017 9:26

Tgt Ion	172	171	170	Ratio	Lower	Upper
172	100					
171	35.9			29.7	44.5	
170	23.1			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

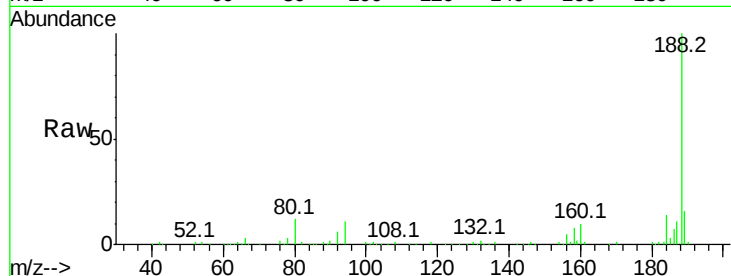




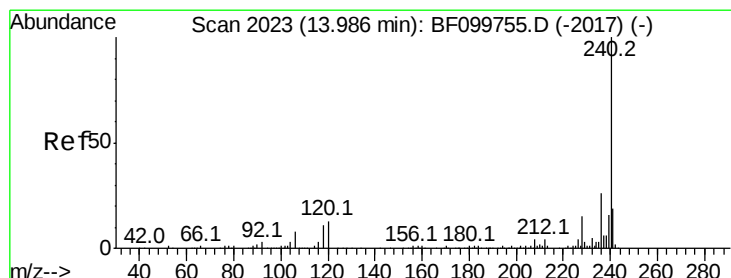
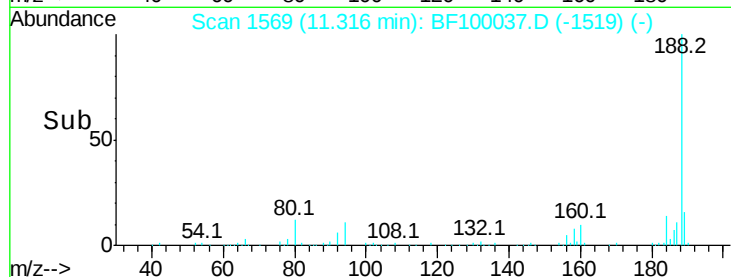
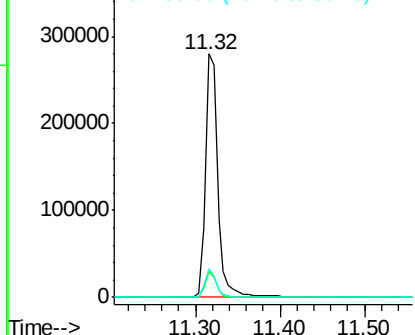
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF100037.D
Acq: 1 Nov 2017 9:26

Instrument :
BNA_F
ClientSampleId :
PINELAWN-STA-COMP(1-4)

Tot Ion:188 Resp: 284553
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.9 9.2 13.8

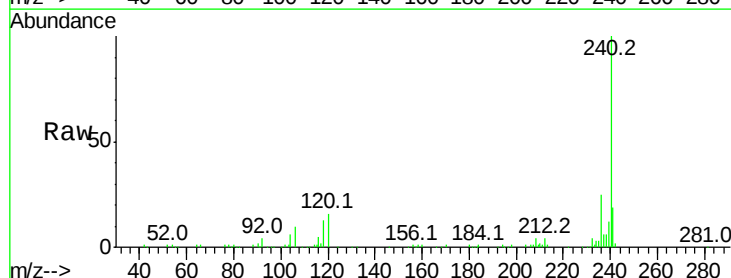


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

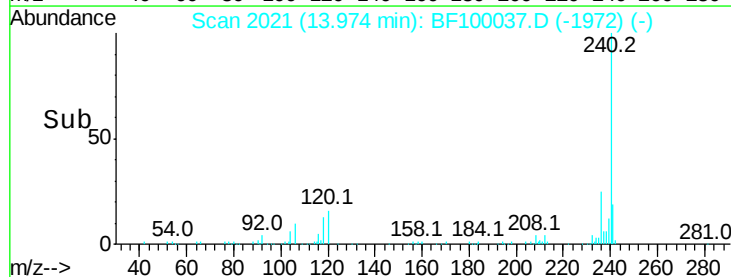
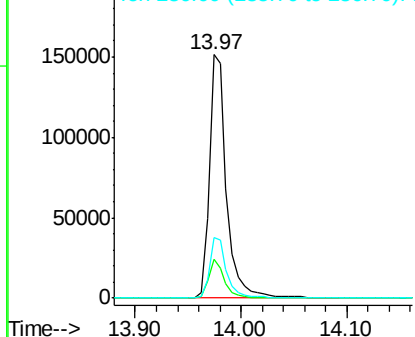


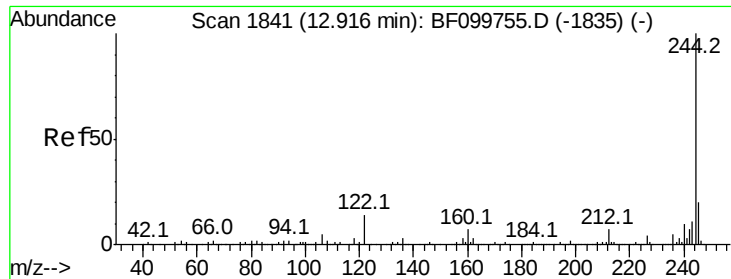
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF100037.D
Acq: 1 Nov 2017 9:26

Tgt Ion:240 Resp: 171358
Ion Ratio Lower Upper
240 100
120 15.7 9.5 14.3#
236 24.8 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: 103.193 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF100037.D

Acq: 1 Nov 2017 9:26

Instrument :

BNA_F

ClientSampleId :

PINELAWN-STA-COMP(1-4)

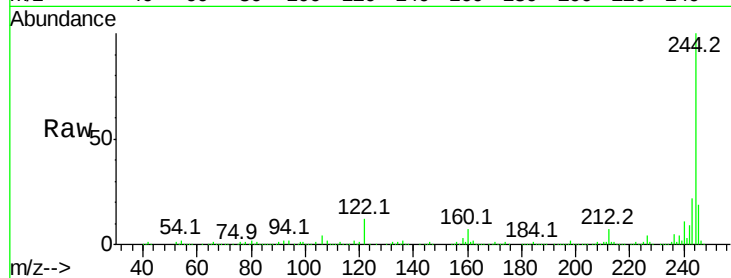
Tot Ion:244 Resp: 809152

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

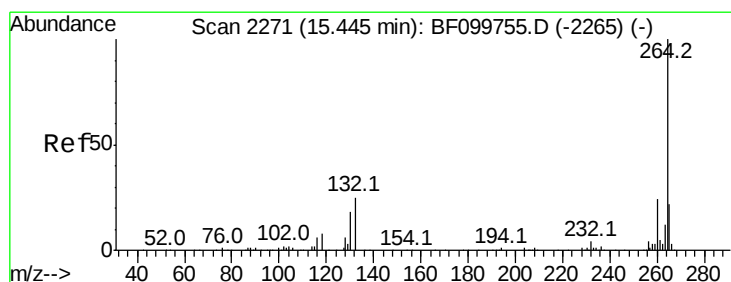
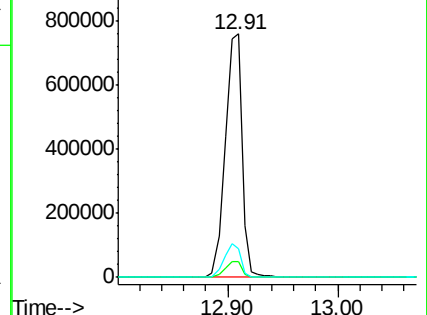
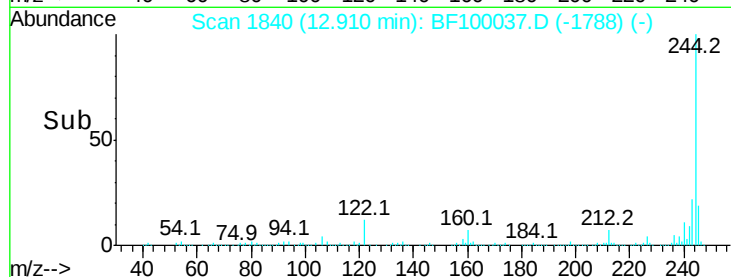
122 11.7 11.0 16.4



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. -0.01 min

Lab File: BF100037.D

Acq: 1 Nov 2017 9:26

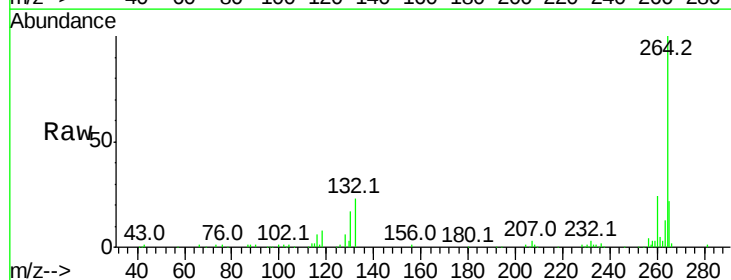
Tgt Ion:264 Resp: 148972

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.2 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

