

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
 Data File : BF100275.D
 Acq On : 7 Nov 2017 5:27
 Operator : SJ/JU
 Sample : I6336-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-1B(1-2)

Quant Time: Nov 07 06:31:50 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 02:59:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	95602	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	396931	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	184878	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	330838	20.00	ng	0.00
75) Chrysene-d12	13.94	240	191199	20.00	ng	0.00
86) Perylene-d12	15.41	264	165577	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	355795	58.43	ng	0.02
7) Phenol-d6	6.42	99	277697	38.46	ng	0.00
23) Nitrobenzene-d5	7.33	82	527451	85.55	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	183378	108.84	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1034867	86.36	ng	0.00
78) Terphenyl-d14	12.87	244	871599	99.62	ng	0.00

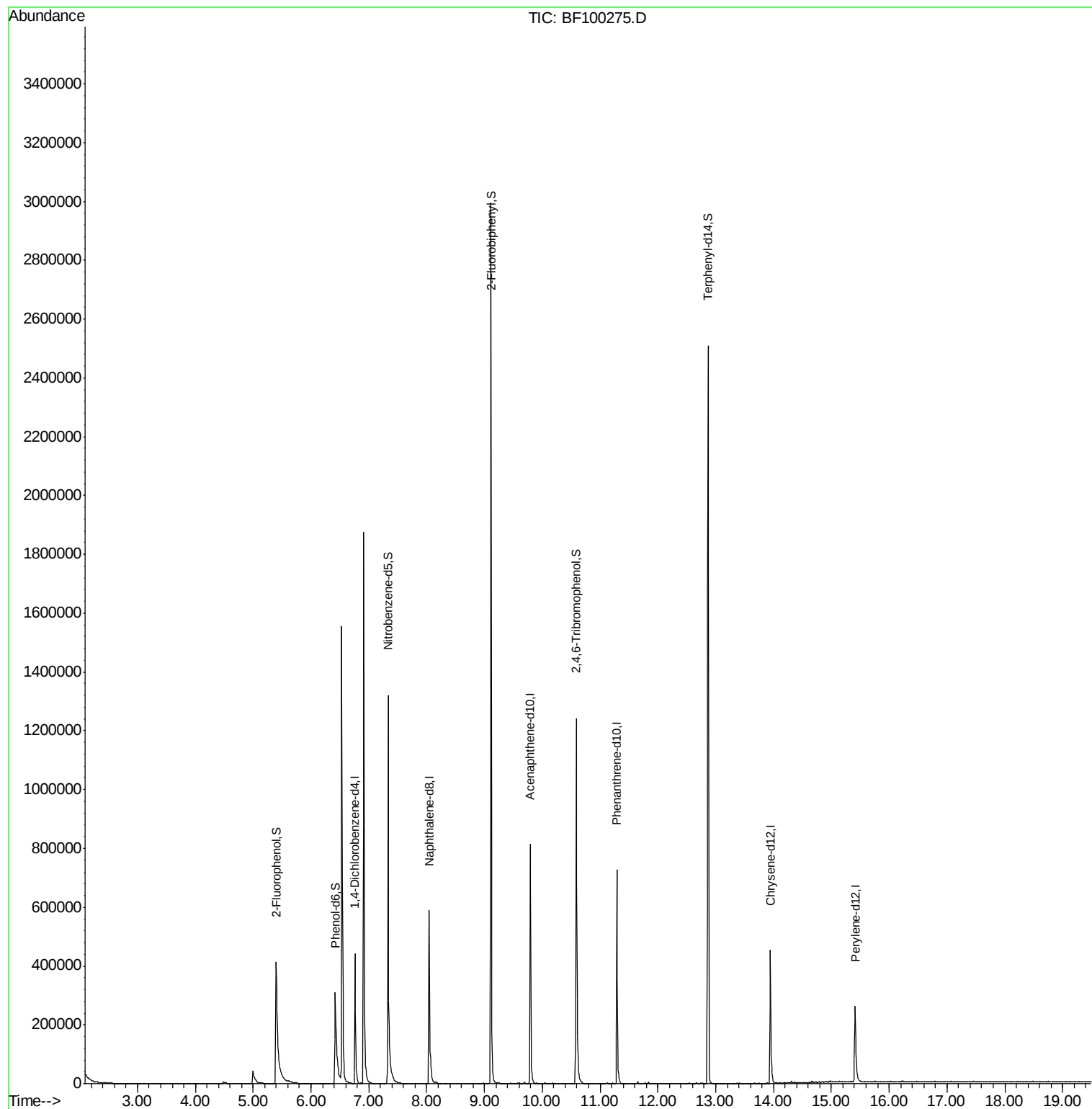
Target Compounds	Qvalue
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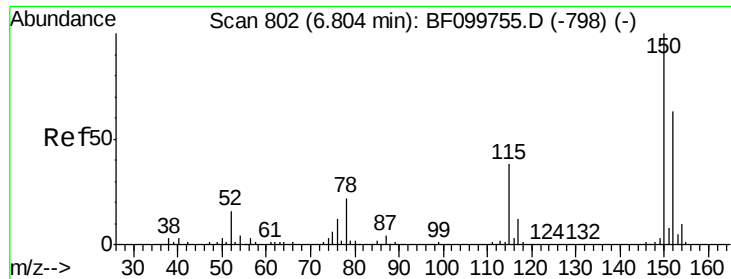
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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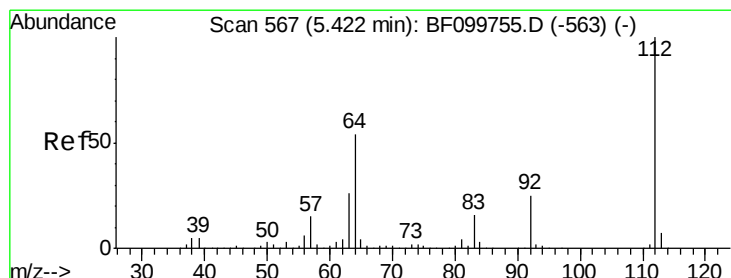
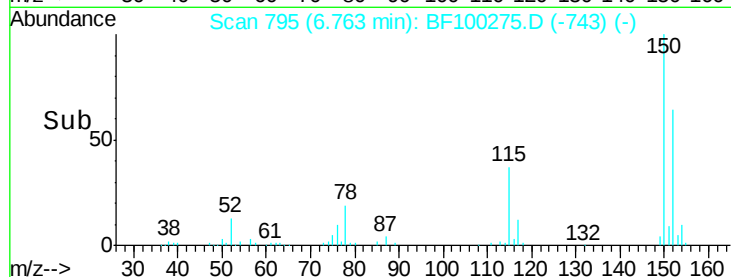
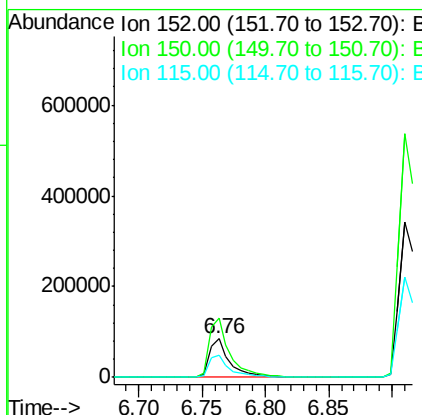
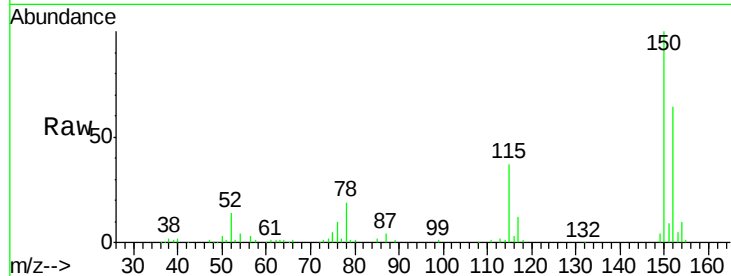


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.01 min
Lab File: BF100275.D
Acq: 7 Nov 2017 5:27

Instrument :
BNA_F
ClientSampleId :
CF-1B(1-2)

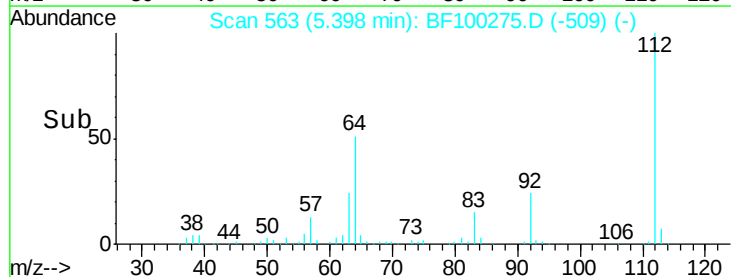
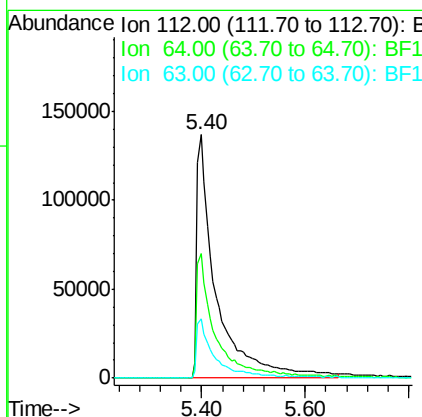
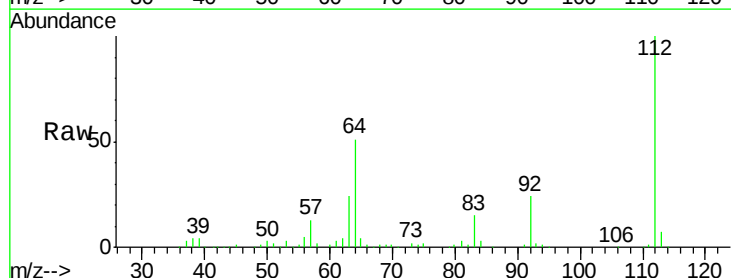
Tgt Ion:152 Resp: 95602
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 57.2 50.1 75.1

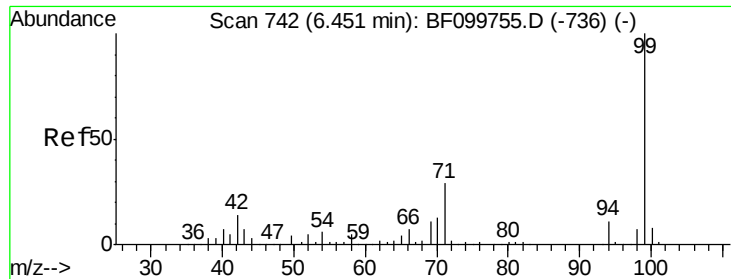


#5

2-Fluorophenol
Concen: 58.428 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF100275.D
Acq: 7 Nov 2017 5:27

Tgt Ion:112 Resp: 355795
Ion Ratio Lower Upper
112 100
64 51.2 47.9 71.9
63 24.2 23.7 35.5





#7

Phenol-d6

Concen: 38.460 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF100275.D

Acq: 7 Nov 2017 5:27

Instrument :

BNA_F

ClientSampleId :

CF-1B(1-2)

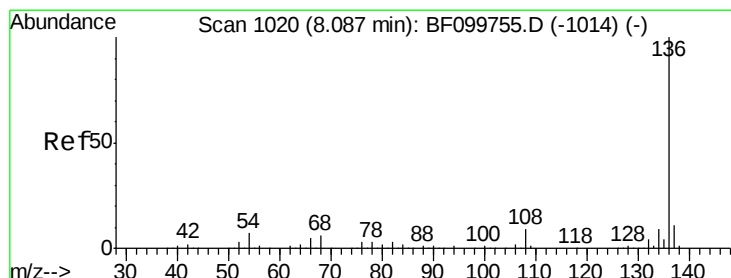
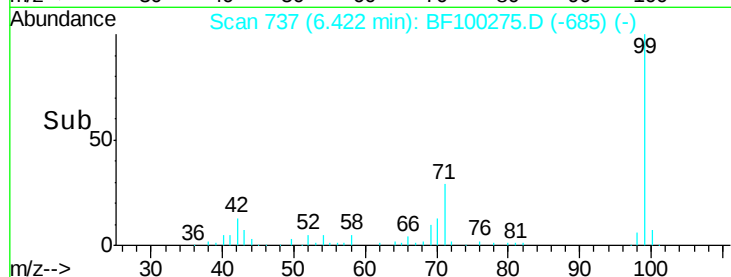
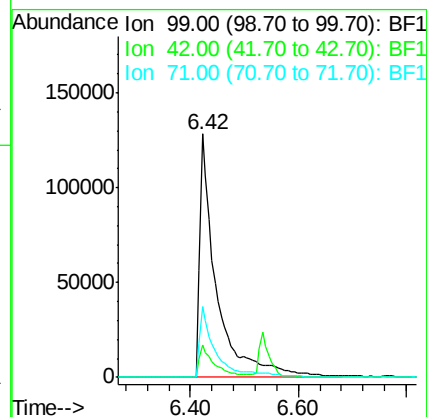
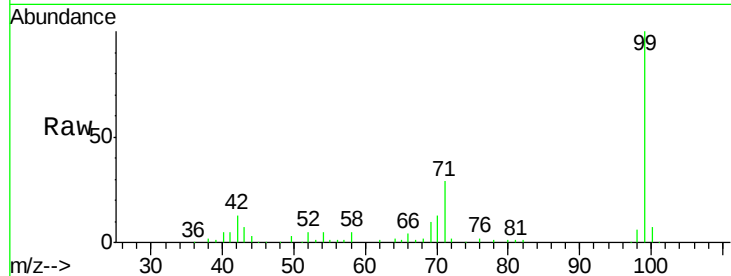
Tgt Ion: 99 Resp: 277697

Ion Ratio Lower Upper

99 100

42 13.2 14.5 21.7#

71 29.1 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. 0.01 min

Lab File: BF100275.D

Acq: 7 Nov 2017 5:27

Tgt Ion: 136 Resp: 396931

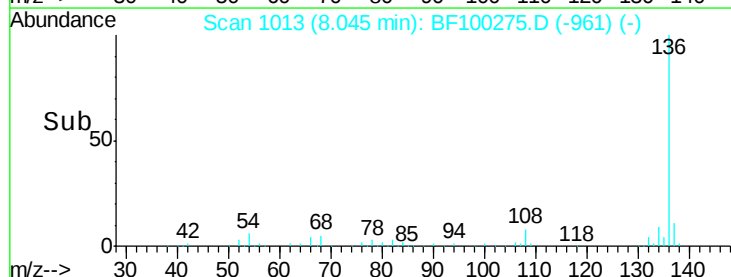
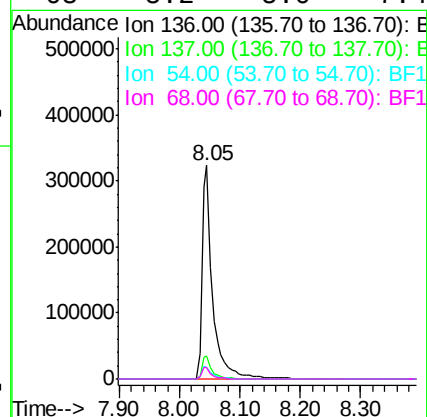
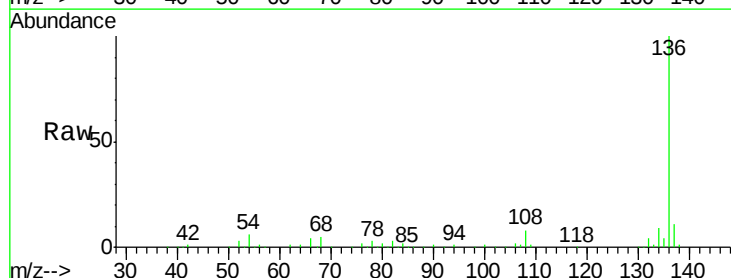
Ion Ratio Lower Upper

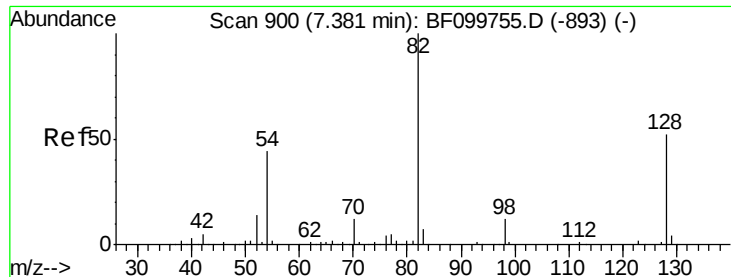
136 100

137 10.6 8.9 13.3

54 5.7 6.6 9.8#

68 5.2 5.0 7.4

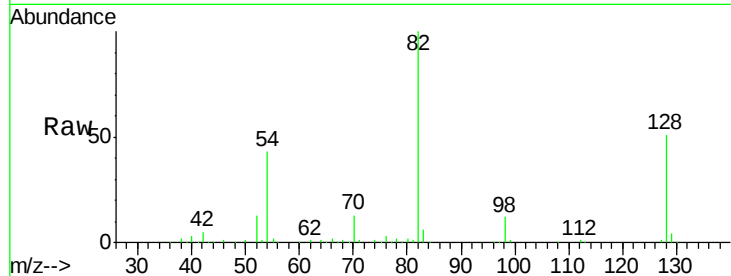




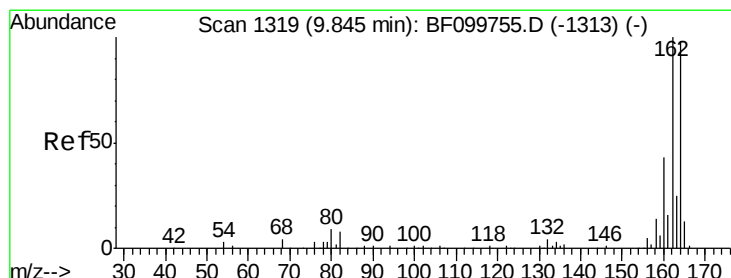
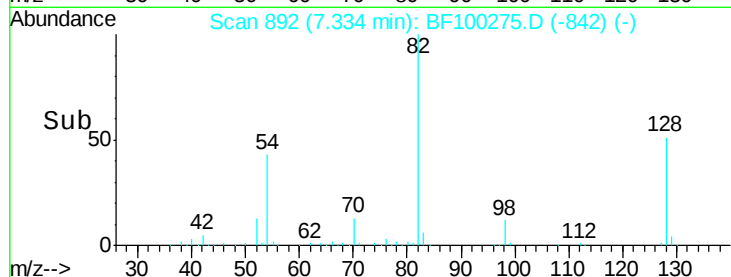
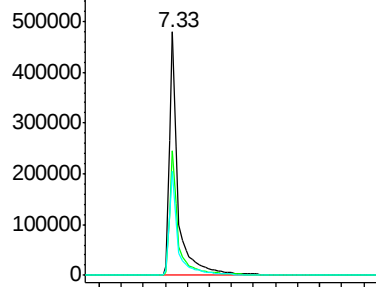
#23
 Nitrobenzene-d5
 Concen: 85.550 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF100275.D
 Acq: 7 Nov 2017 5:27

Instrument :
 BNA_F
 ClientSampleId :
 CF-1B(1-2)

Tgt Ion: 82 Resp: 527451
 Ion Ratio Lower Upper
 82 100
 128 51.0 36.1 54.1
 54 42.5 41.4 62.2

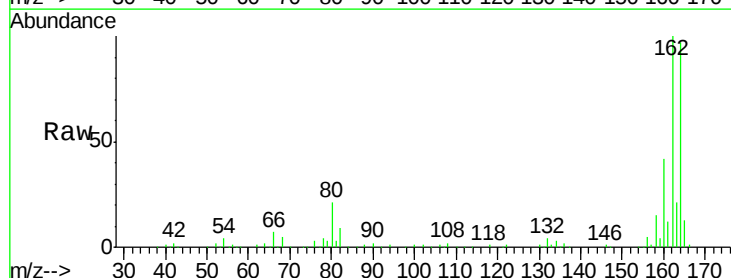


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

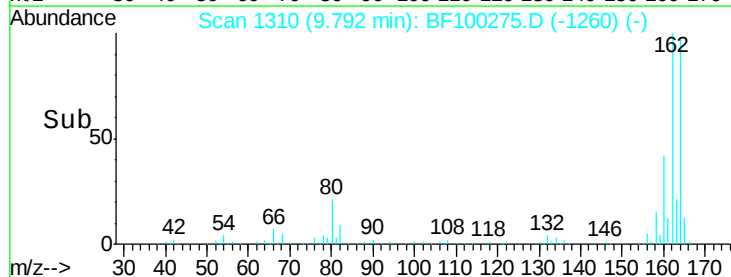
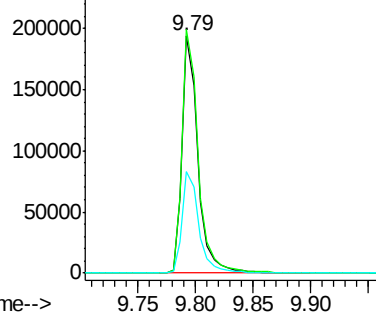


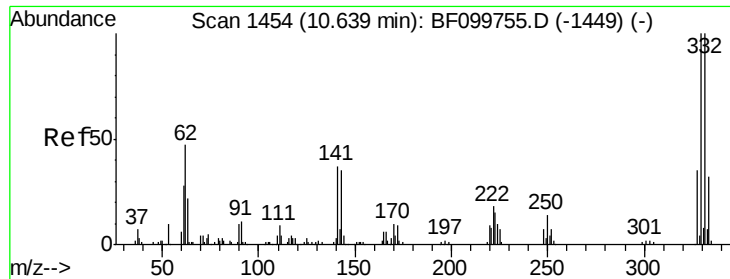
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF100275.D
 Acq: 7 Nov 2017 5:27

Tgt Ion: 164 Resp: 184878
 Ion Ratio Lower Upper
 164 100
 162 102.6 86.1 129.1
 160 43.0 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

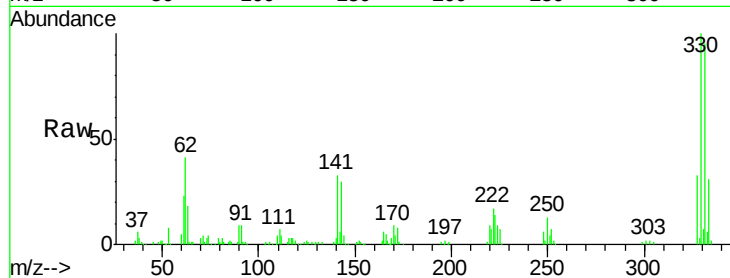




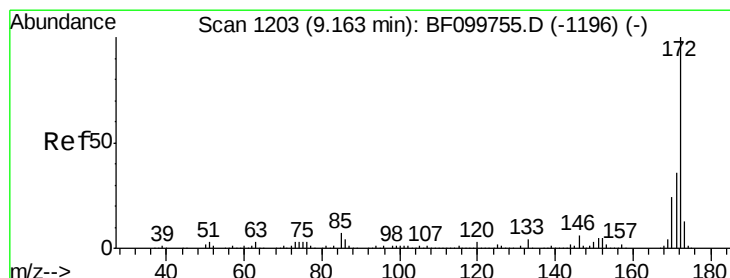
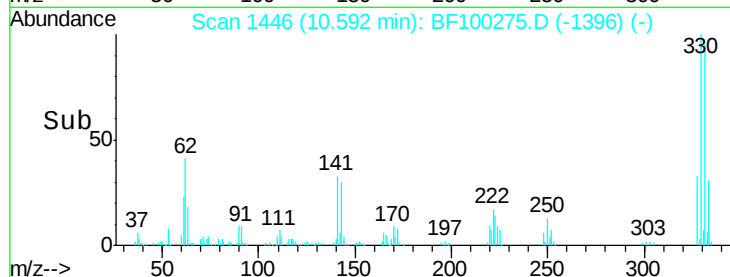
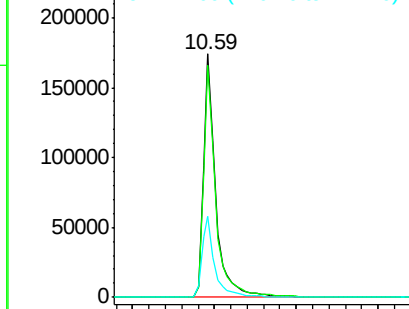
#41
 2,4,6-Tribromophenol
 Concen: 108.841 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF100275.D
 Acq: 7 Nov 2017 5:27

Instrument :
 BNA_F
 ClientSampleId :
 CF-1B(1-2)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	34.6	29.9	44.9

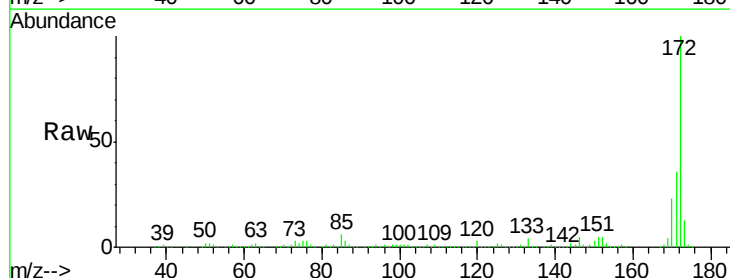


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

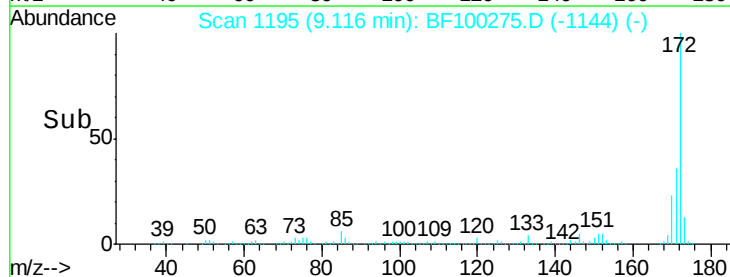
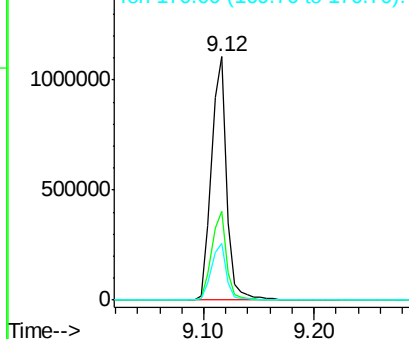


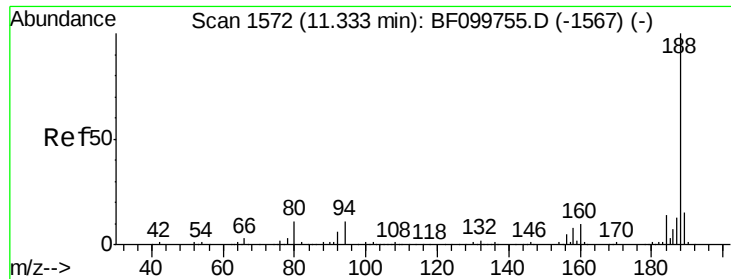
#44
 2-Fluorobiphenyl
 Concen: 86.361 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF100275.D
 Acq: 7 Nov 2017 5:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	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

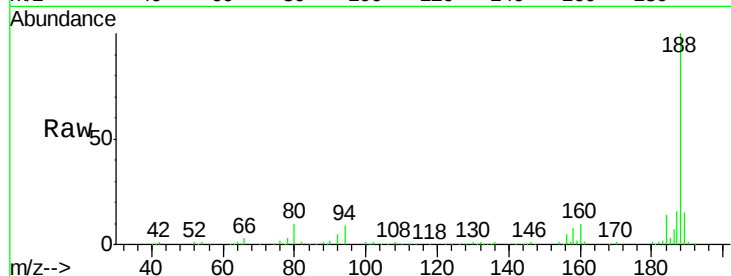




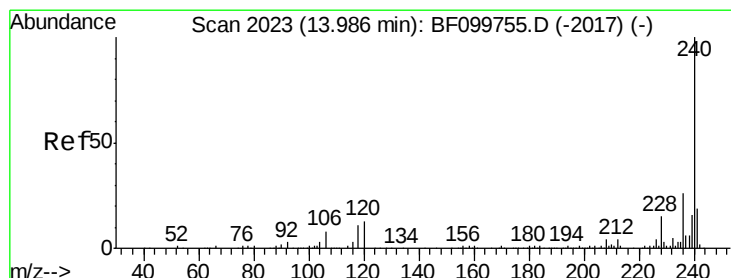
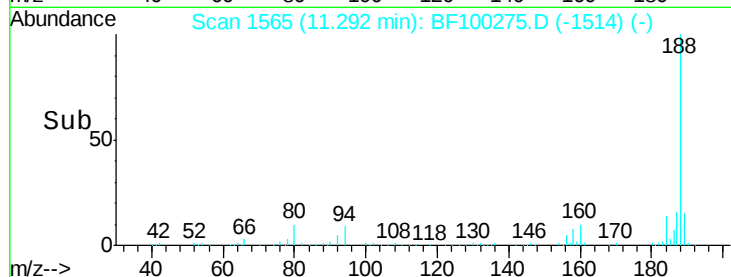
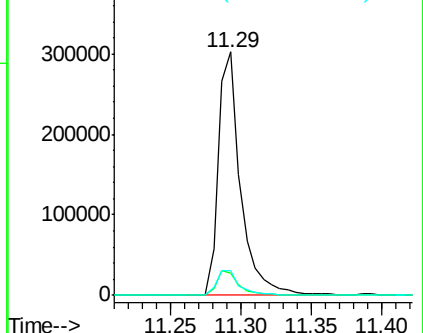
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BF100275.D
Acq: 7 Nov 2017 5:27

Instrument :
BNA_F
ClientSampleId :
CF-1B(1-2)

Tgt Ion:188 Resp: 330838
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 10.0 9.2 13.8

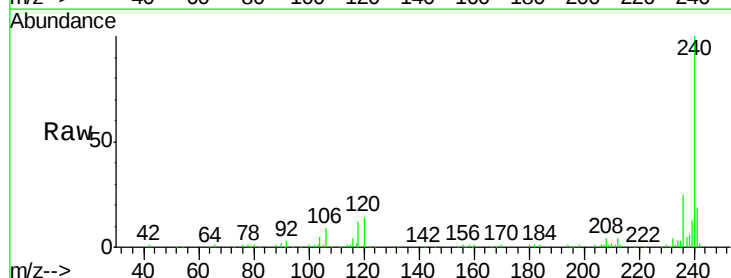


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

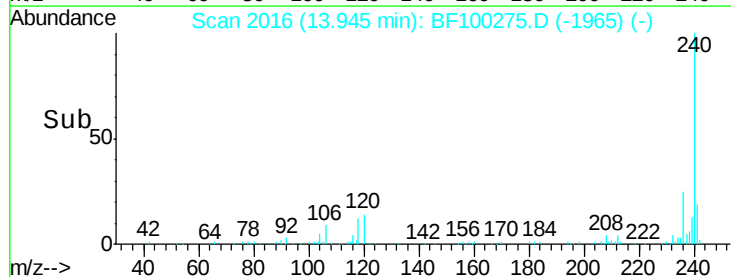
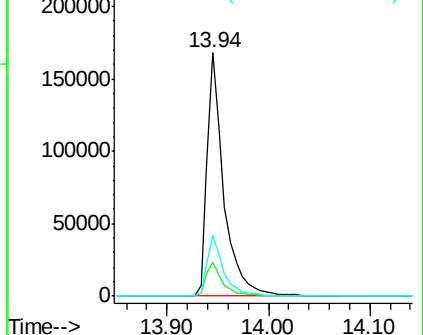


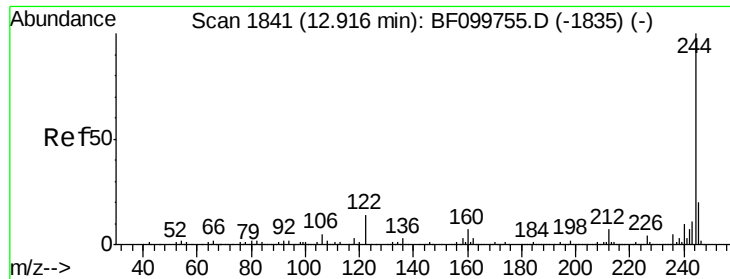
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF100275.D
Acq: 7 Nov 2017 5:27

Tgt Ion:240 Resp: 191199
Ion Ratio Lower Upper
240 100
120 13.9 9.5 14.3
236 25.1 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: 99.622 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF100275.D

Acq: 7 Nov 2017 5:27

Instrument :

BNA_F

ClientSampleId :

CF-1B(1-2)

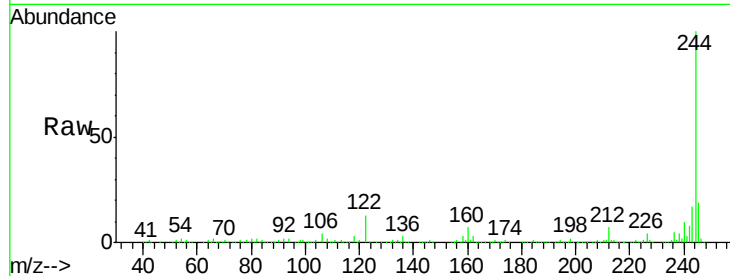
Tgt Ion:244 Resp: 871599

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

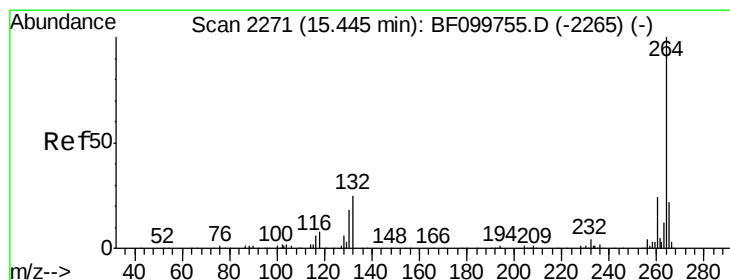
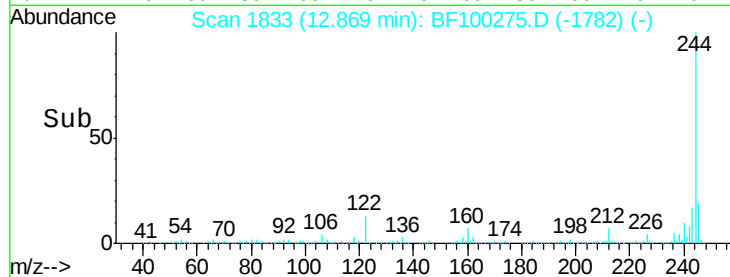
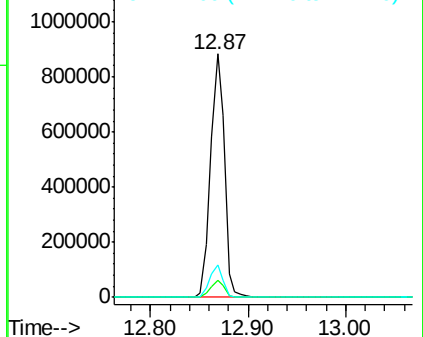
122 13.4 11.0 16.4



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: 15.41 min Scan# 2265

Delta R.T. 0.01 min

Lab File: BF100275.D

Acq: 7 Nov 2017 5:27

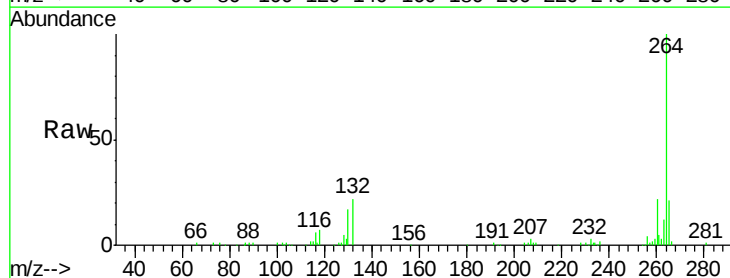
Tgt Ion:264 Resp: 165577

Ion Ratio Lower Upper

264 100

260 21.9 19.2 28.8

265 21.0 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

