

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
 Data File : BF099671.D
 Acq On : 19 Oct 2017 21:51
 Operator : SJ/JU
 Sample : I5884-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101217-TIDO-E-D-M

Quant Time: Oct 20 13:37:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	90236	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	369001	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	156932	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	222722	20.00	ng	0.00
75) Chrysene-d12	13.98	240	151271	20.00	ng	0.00
86) Perylene-d12	15.44	264	168052	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	284024	50.11	ng	0.00
7) Phenol-d6	6.46	99	217110	31.05	ng	0.00
23) Nitrobenzene-d5	7.39	82	540835	93.99	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	106572	82.99	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	990536	105.37	ng	0.00
78) Terphenyl-d14	12.92	244	617668	92.86	ng	0.00

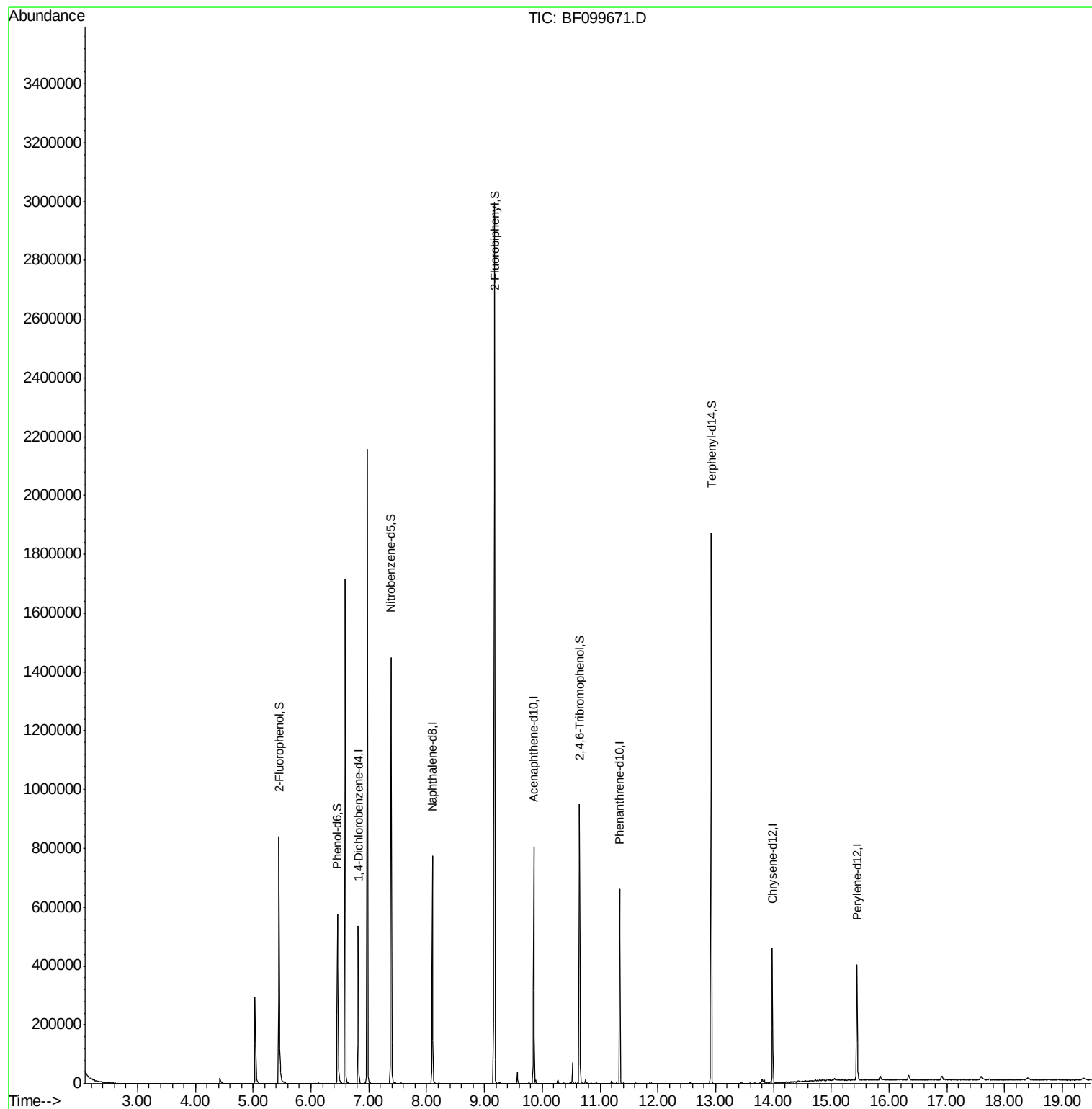
Target Compounds Qvalue

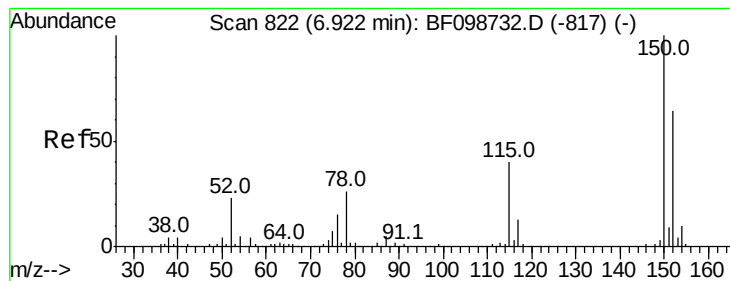
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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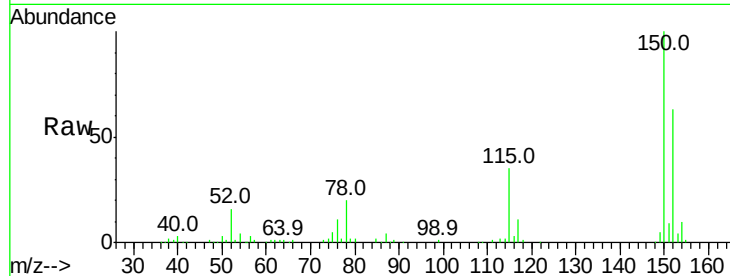


#1

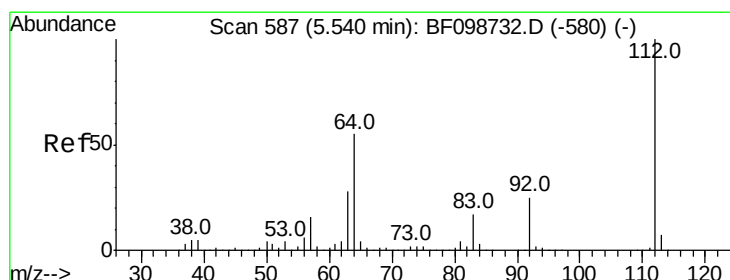
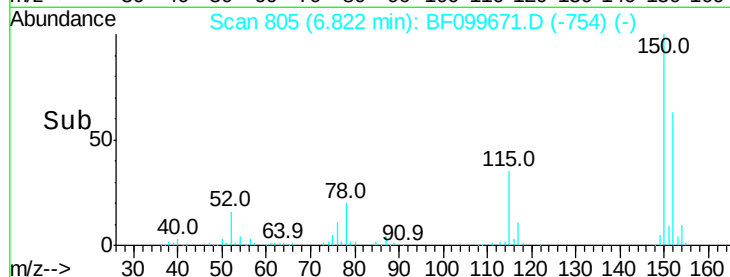
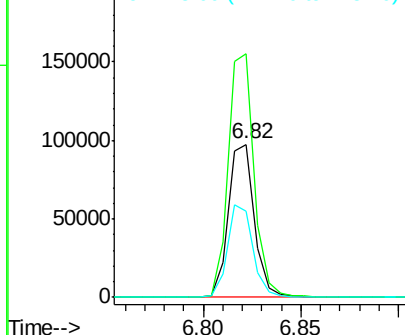
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF099671.D
 Acq: 19 Oct 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 101217-TIDO-E-D-M

Tot Ion:152 Resp: 90236
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.6 186.8
 115 56.2 50.1 75.1



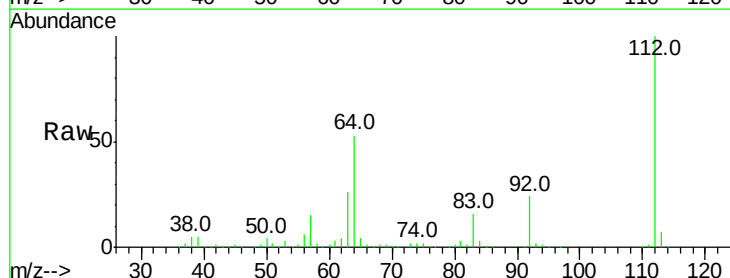
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



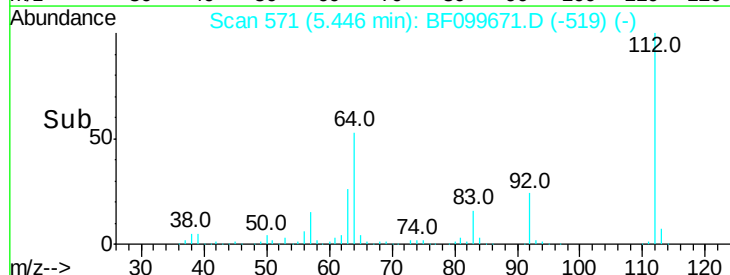
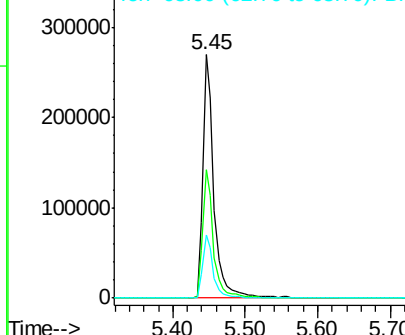
#5

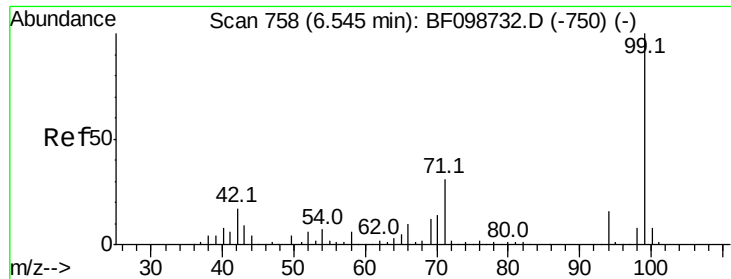
2-Fluorophenol
 Concen: 50.106 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF099671.D
 Acq: 19 Oct 2017 21:51

Tgt Ion:112 Resp: 284024
 Ion Ratio Lower Upper
 112 100
 64 52.8 47.9 71.9
 63 26.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.048 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099671.D

Acq: 19 Oct 2017 21:51

Instrument :

BNA_F

ClientSampleId :

101217-TIDO-E-D-M

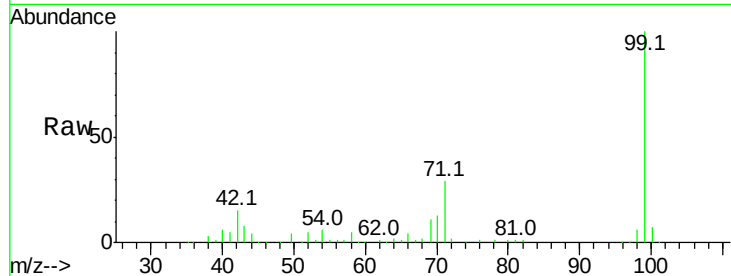
Tot Ion: 99 Resp: 217110

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

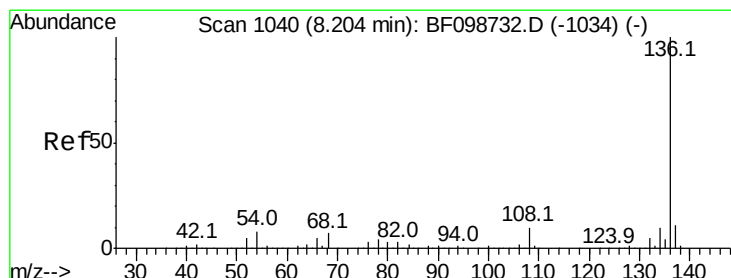
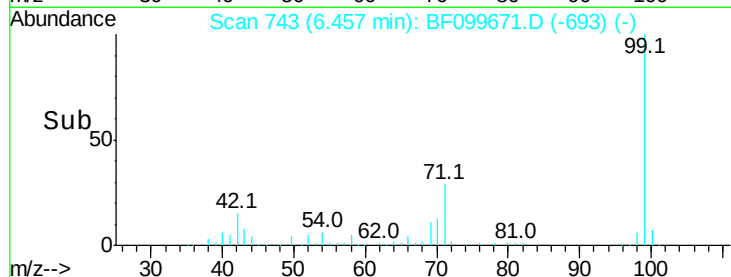
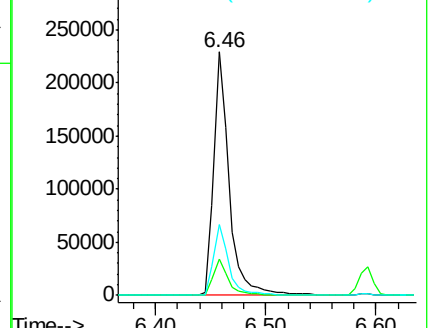
71 29.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF099671.D

Acq: 19 Oct 2017 21:51

Tgt Ion: 136 Resp: 369001

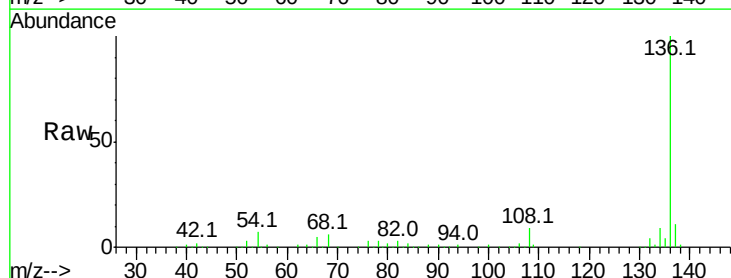
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.1 6.6 9.8

68 5.9 5.0 7.4

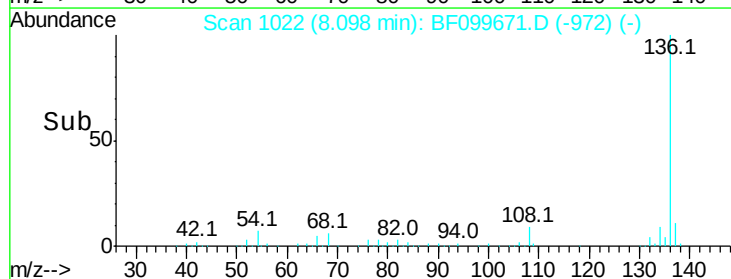
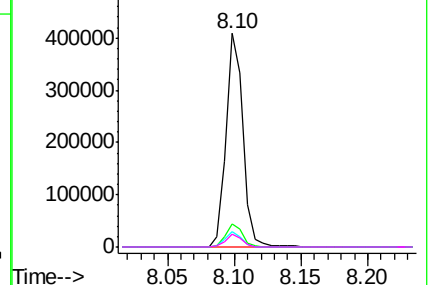


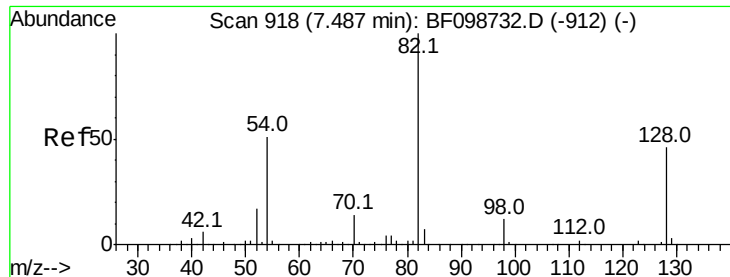
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

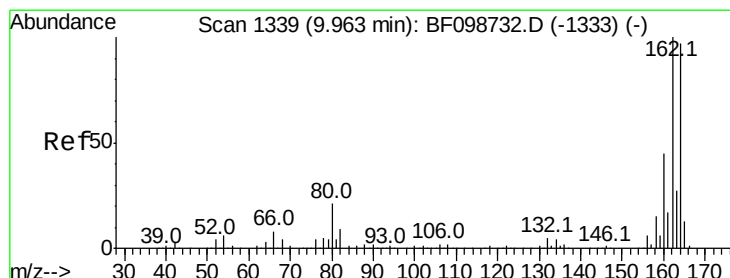
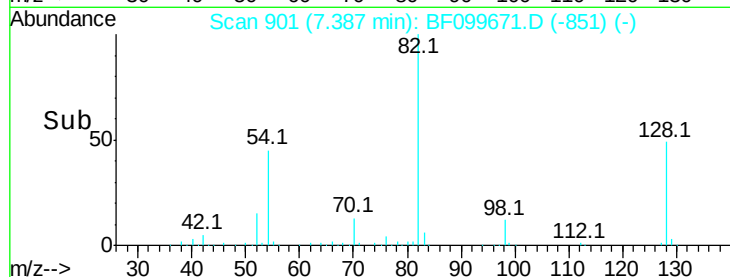
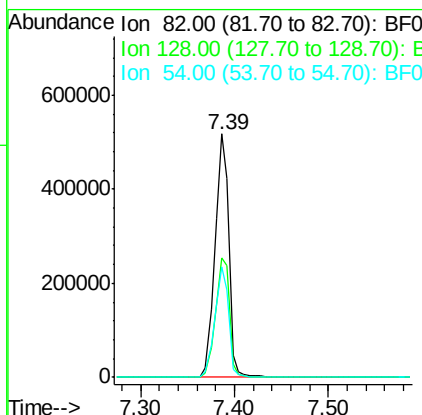
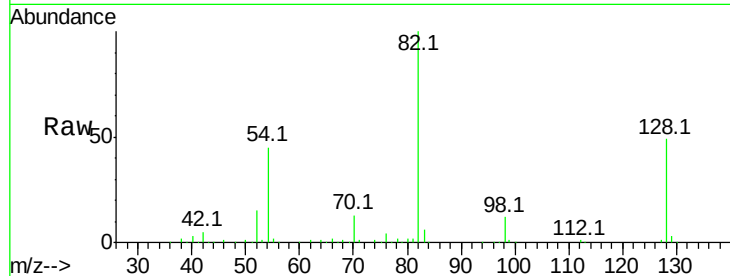




#23
 Nitrobenzene-d5
 Concen: 93.994 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF099671.D
 Acq: 19 Oct 2017 21:51

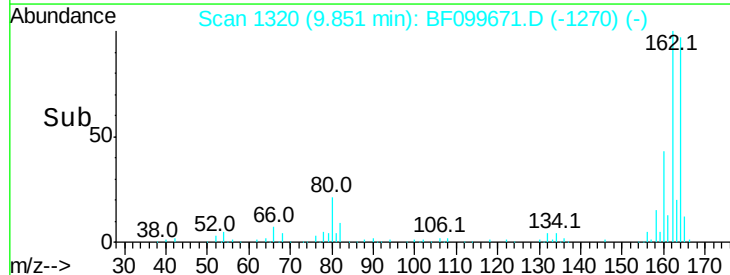
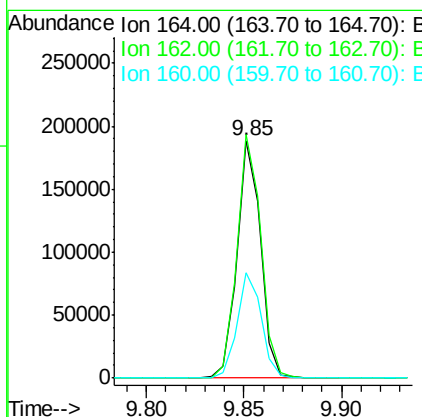
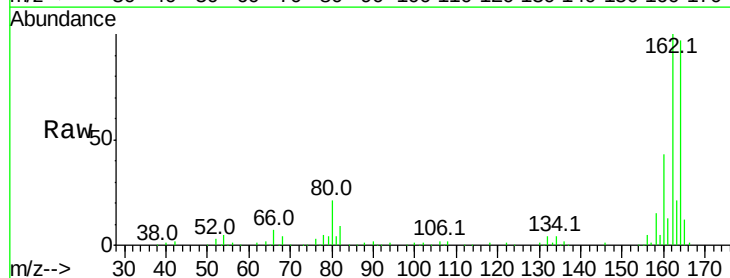
Instrument :
 BNA_F
 ClientSampleId :
 101217-TIDO-E-D-M

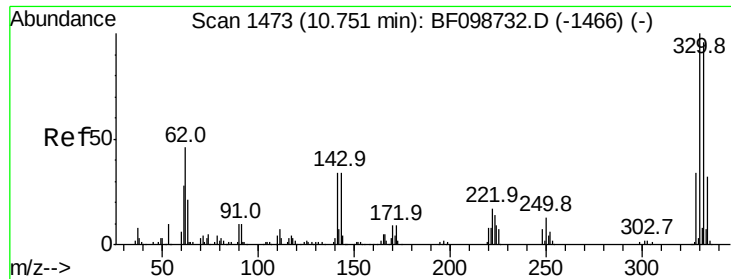
Tot Ion	82	Resp	540835
Ion Ratio	Lower	Upper	
82	100		
128	49.3	36.1	54.1
54	45.3	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF099671.D
 Acq: 19 Oct 2017 21:51

Tgt Ion	164	Resp	156932
Ion Ratio	Lower	Upper	
164	100		
162	102.6	86.1	129.1
160	44.6	38.3	57.5

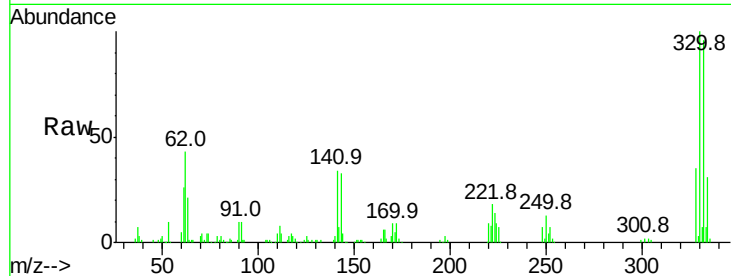




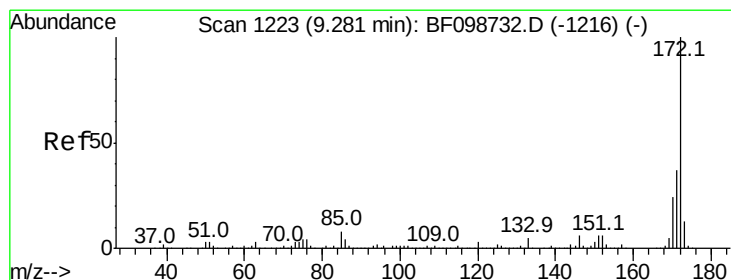
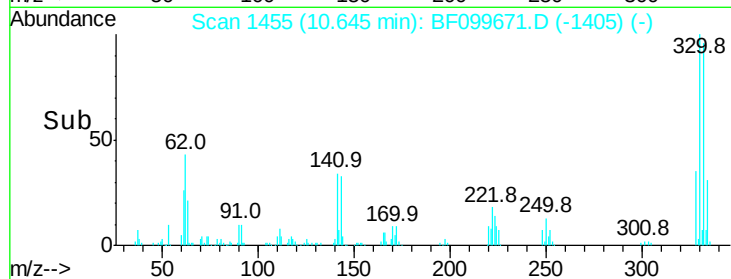
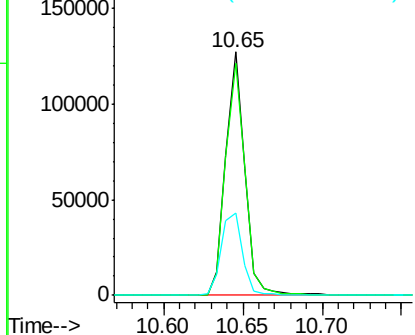
#41
 2,4,6-Tribromophenol
 Concen: 82.992 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099671.D
 Acq: 19 Oct 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 101217-TIDO-E-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	37.9	29.9	44.9

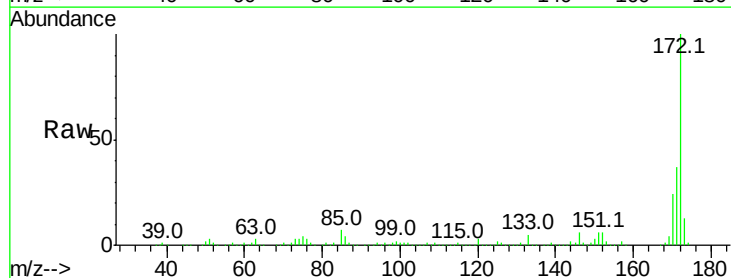


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

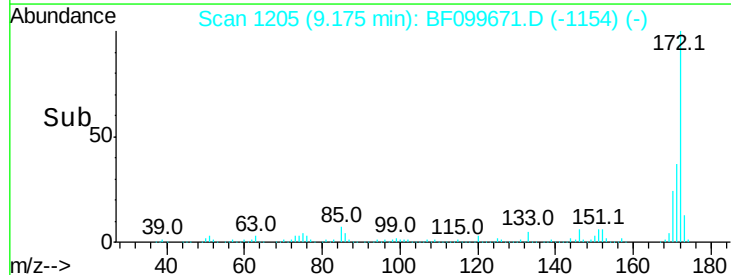
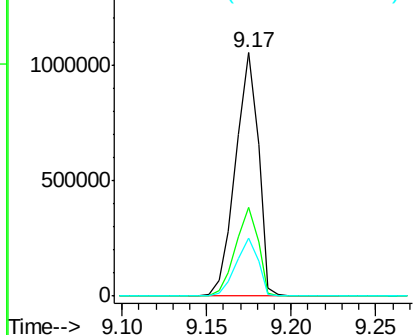


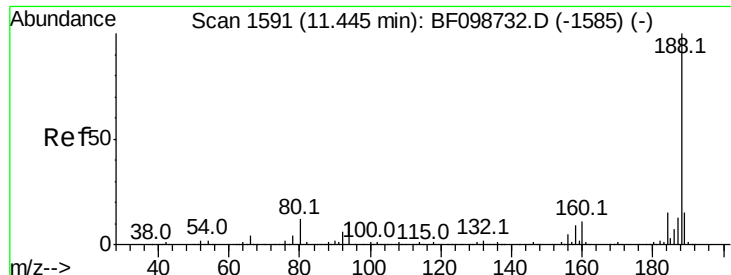
#44
 2-Fluorobiphenyl
 Concen: 105.372 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF099671.D
 Acq: 19 Oct 2017 21:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.1	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

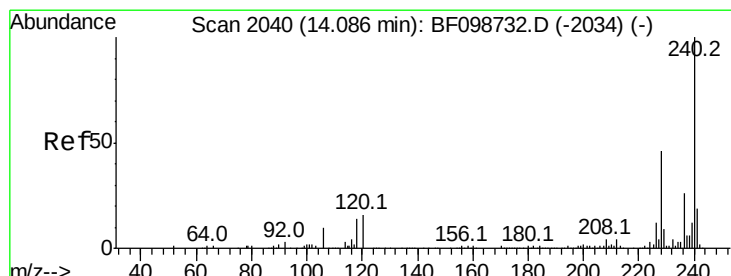
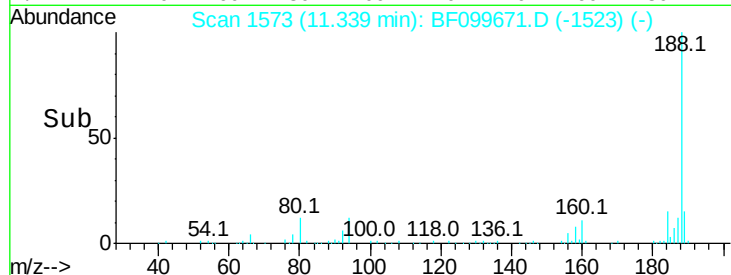
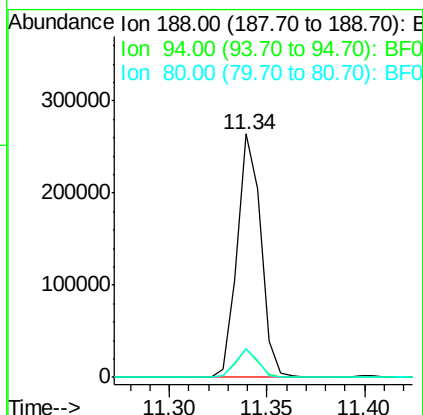
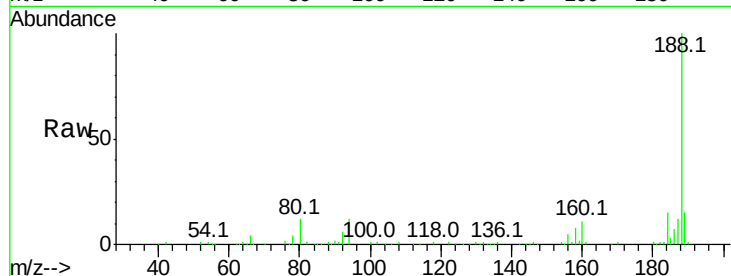




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF099671.D
Acq: 19 Oct 2017 21:51

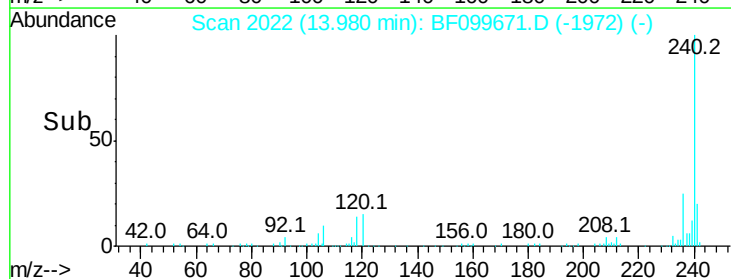
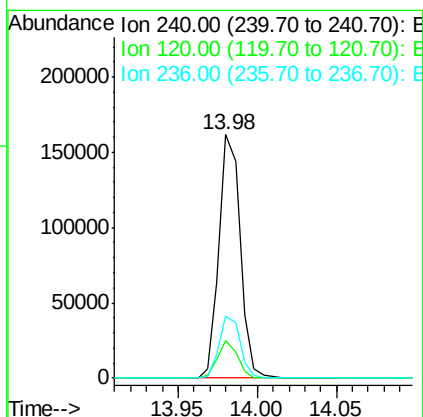
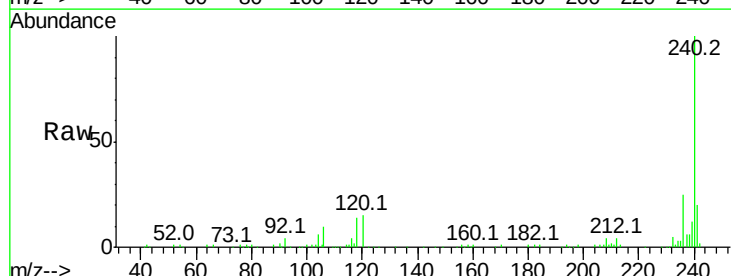
Instrument :
BNA_F
ClientSampleId :
101217-TIDO-E-D-M

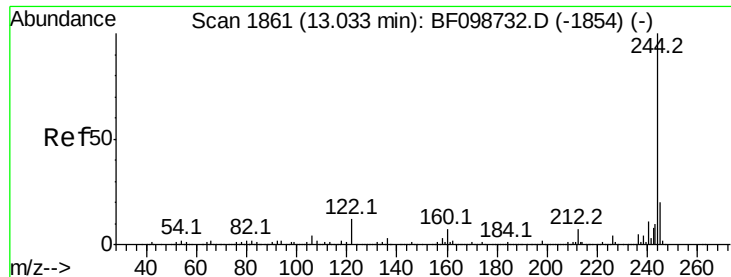
Tot Ion:188 Resp: 222722
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 11.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099671.D
Acq: 19 Oct 2017 21:51

Tgt Ion:240 Resp: 151271
Ion Ratio Lower Upper
240 100
120 15.3 9.5 14.3#
236 25.3 20.7 31.1





#78

Terphenyl-d14

Concen: 92.860 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF099671.D

Acq: 19 Oct 2017 21:51

Instrument :

BNA_F

ClientSampleId :

101217-TIDO-E-D-M

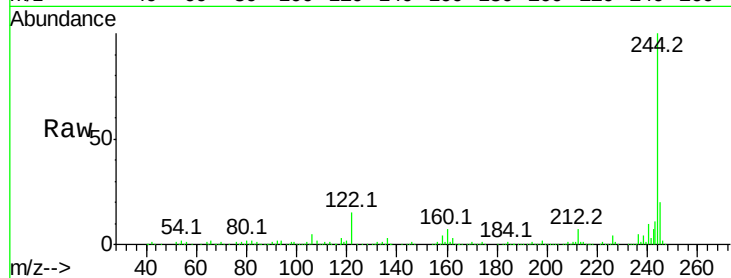
Tot Ion:244 Resp: 617668

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

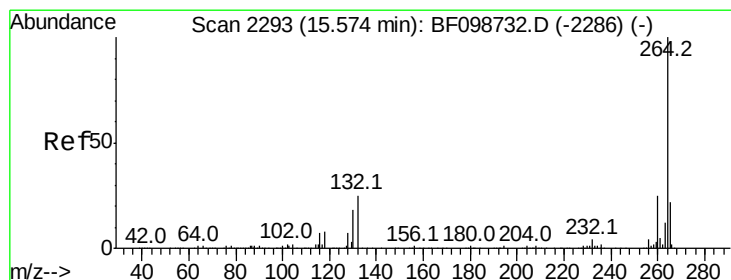
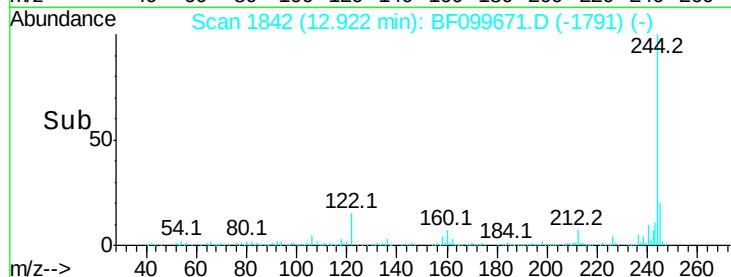
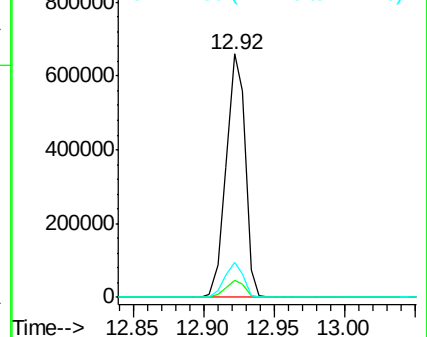
122 14.6 11.0 16.4



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: 15.44 min Scan# 2271

Delta R.T. 0.01 min

Lab File: BF099671.D

Acq: 19 Oct 2017 21:51

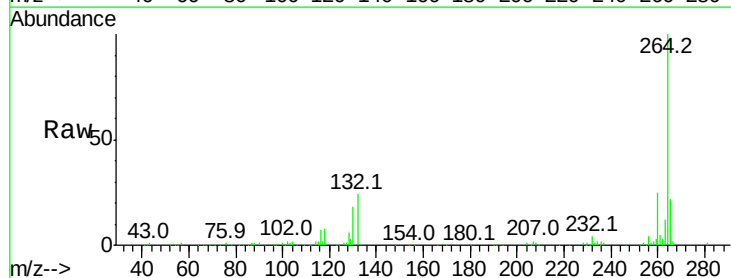
Tgt Ion:264 Resp: 168052

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.8 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

