

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
 Data File : BF099889.D
 Acq On : 27 Oct 2017 21:50
 Operator : SJ/JU
 Sample : PB103711BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103711BL

Quant Time: Oct 27 23:08:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	86620	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	360149	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	176012	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	321669	20.00	ng	0.00
75) Chrysene-d12	13.99	240	209353	20.00	ng	0.00
86) Perylene-d12	15.46	264	156744	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	483744	87.68	ng	0.00
7) Phenol-d6	6.44	99	570402	87.19	ng	0.00
23) Nitrobenzene-d5	7.36	82	322988	57.74	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	135175	84.27	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	716848	62.84	ng	0.00
78) Terphenyl-d14	12.92	244	653599	68.23	ng	0.00

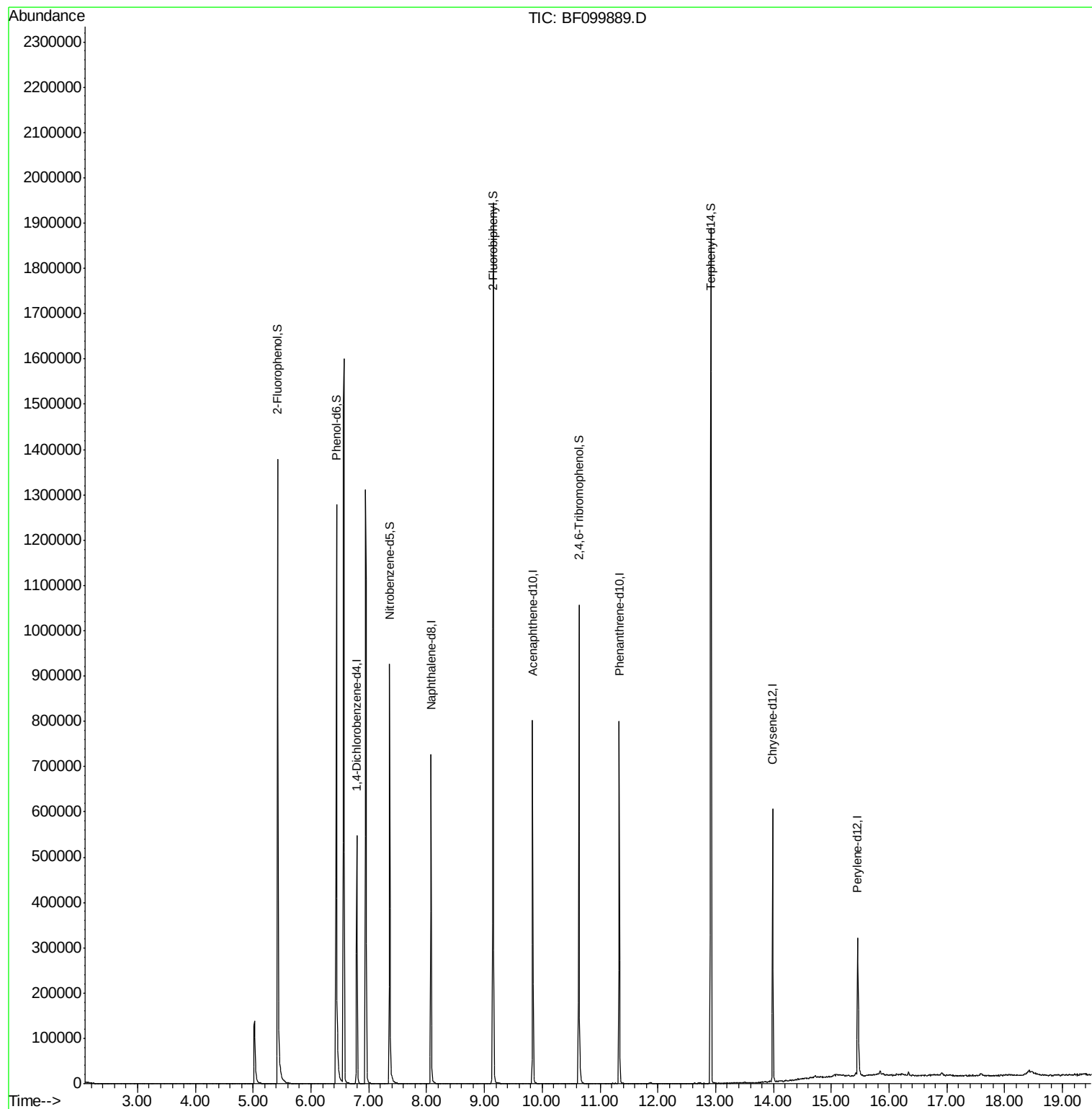
Target Compounds Qvalue

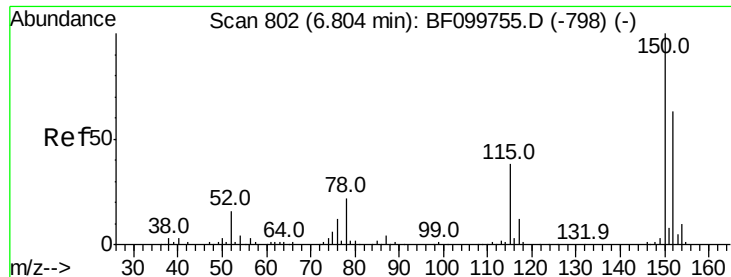
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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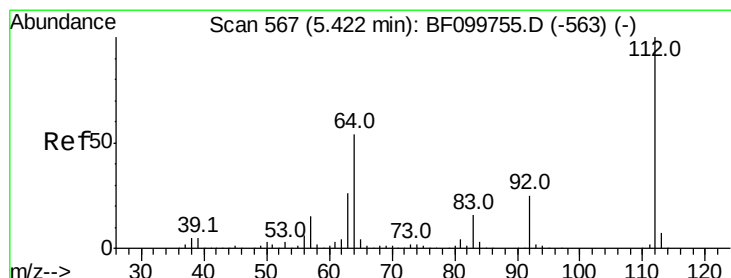
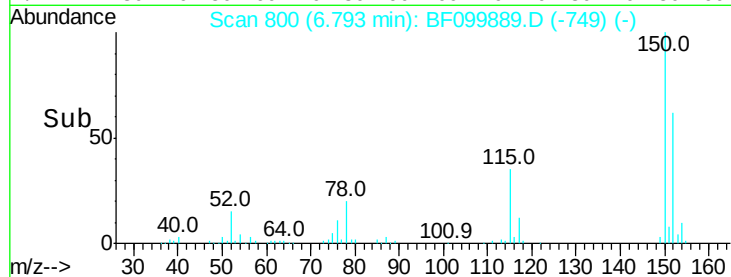
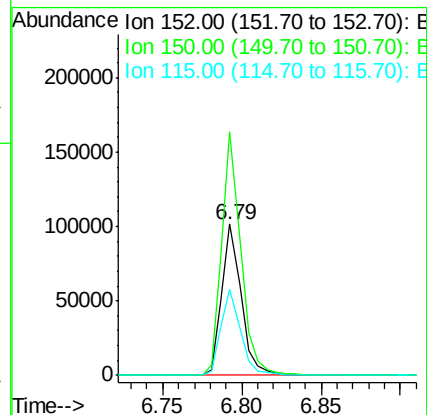
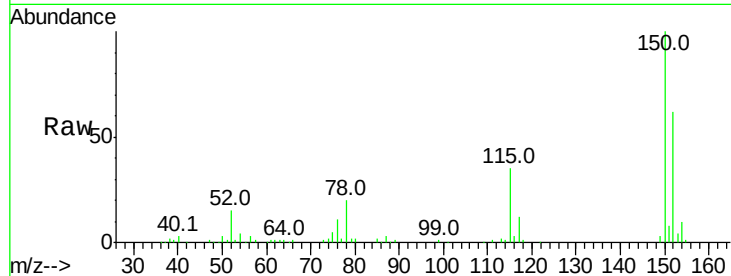


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099889.D
Acq: 27 Oct 2017 21:50

Instrument :
BNA_F
ClientSampleId :
PB103711BL

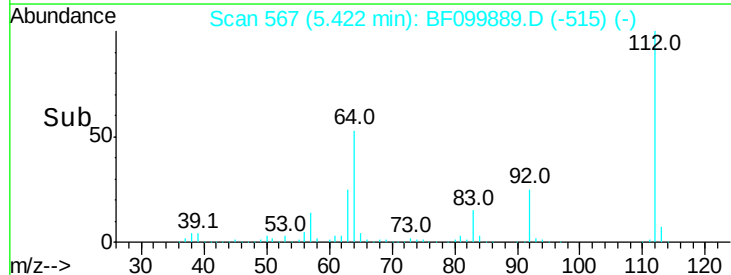
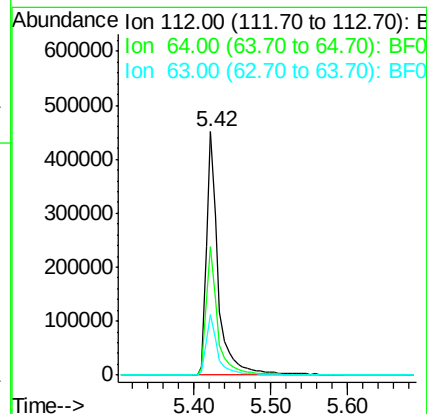
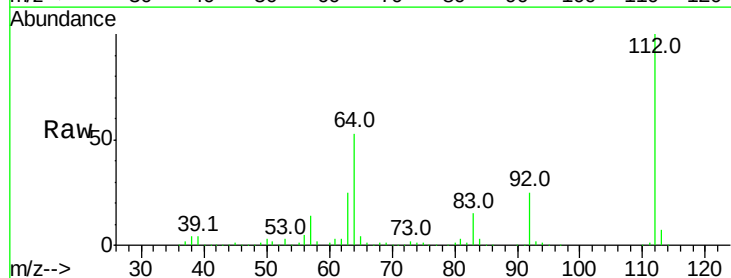
Tot Ion:152 Resp: 86620
Ion Ratio Lower Upper
152 100
150 161.2 124.6 186.8
115 56.7 50.1 75.1

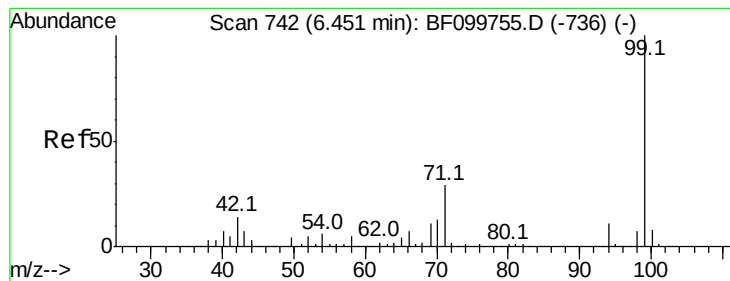


#5

2-Fluorophenol
Concen: 87.677 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF099889.D
Acq: 27 Oct 2017 21:50

Tgt Ion:112 Resp: 483744
Ion Ratio Lower Upper
112 100
64 52.8 47.9 71.9
63 24.8 23.7 35.5





#7

Phenol-d6

Concen: 87.191 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF099889.D

Acq: 27 Oct 2017 21:50

Instrument :

BNA_F

ClientSampleId :

PB103711BL

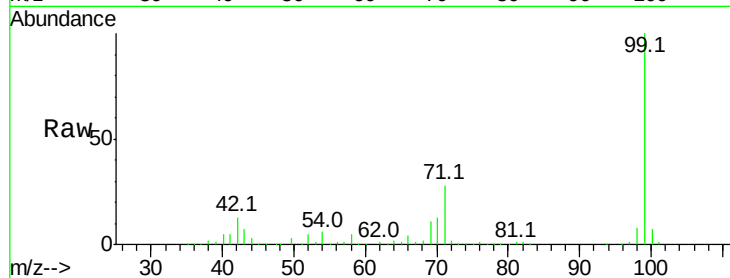
Tot Ion: 99 Resp: 570402

Ion Ratio Lower Upper

99 100

42 13.0 14.5 21.7#

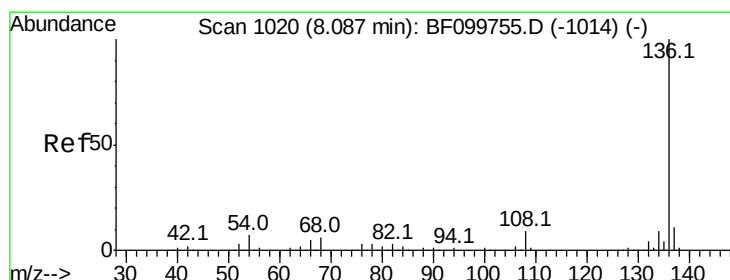
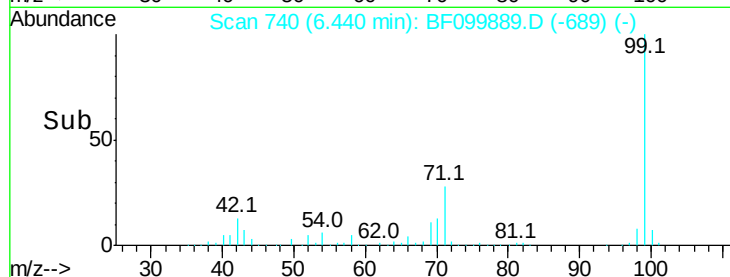
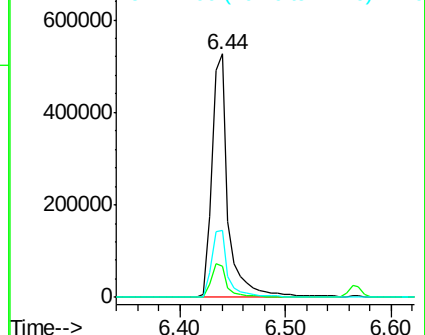
71 27.7 25.4 38.0



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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF099889.D

Acq: 27 Oct 2017 21:50

Tgt Ion:136 Resp: 360149

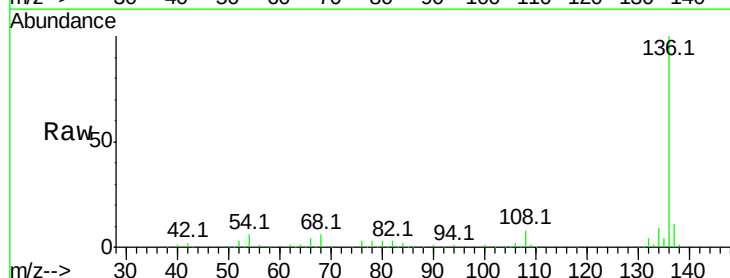
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.4 6.6 9.8#

68 5.6 5.0 7.4

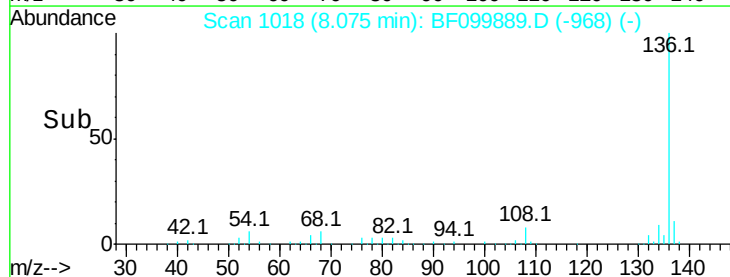
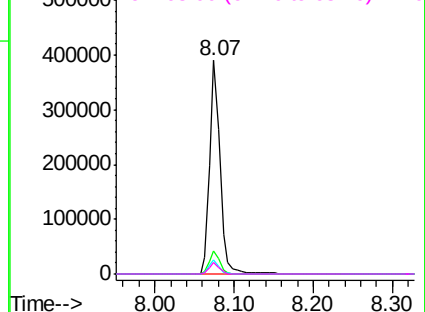


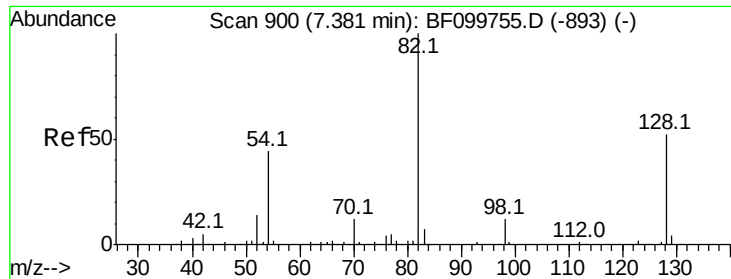
Abundance Ion 136.00 (135.70 to 136.70): E

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

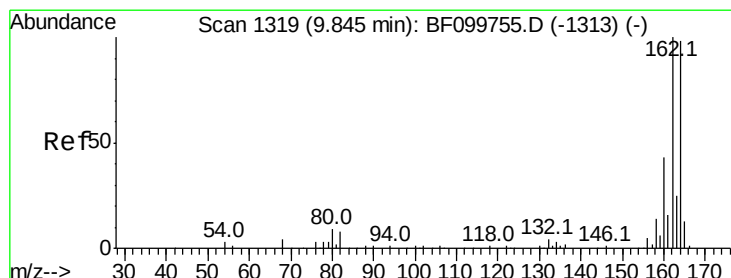
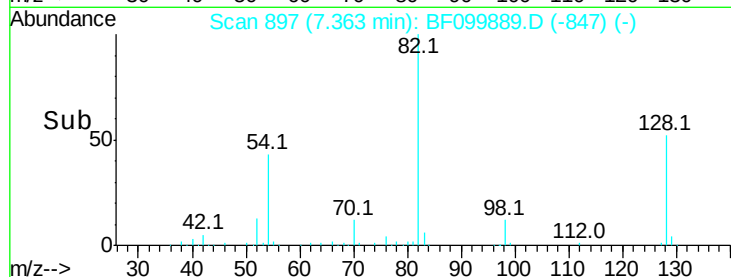
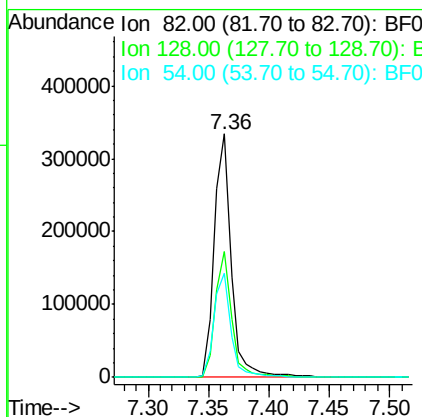
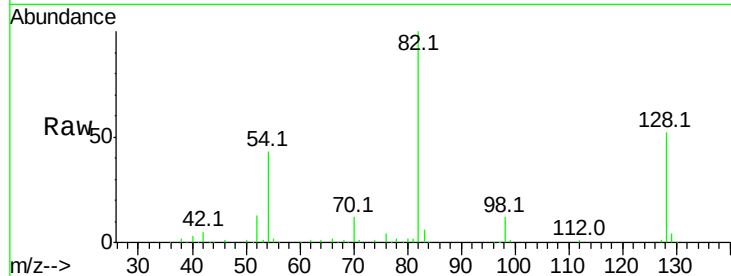




#23
 Nitrobenzene-d5
 Concen: 57.738 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF099889.D
 Acq: 27 Oct 2017 21:50

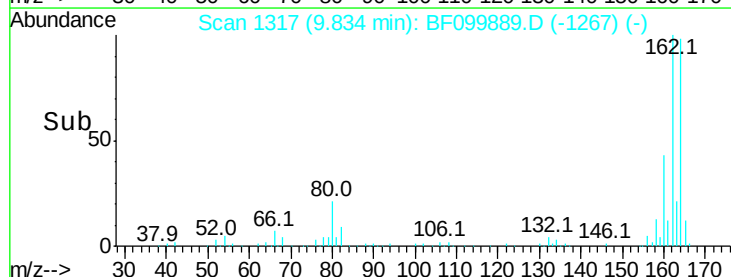
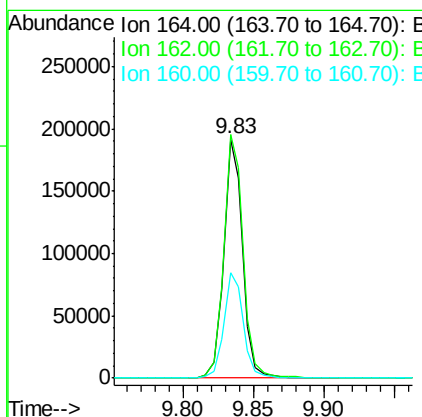
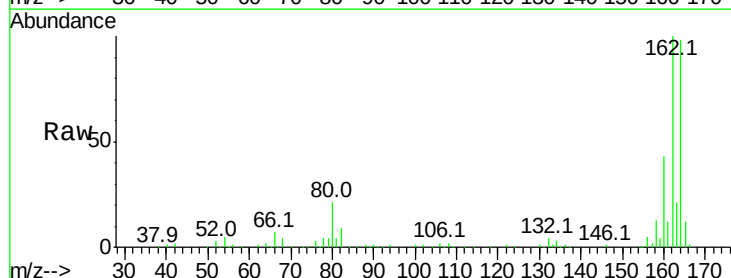
Instrument :
 BNA_F
 ClientSampleId :
 PB103711BL

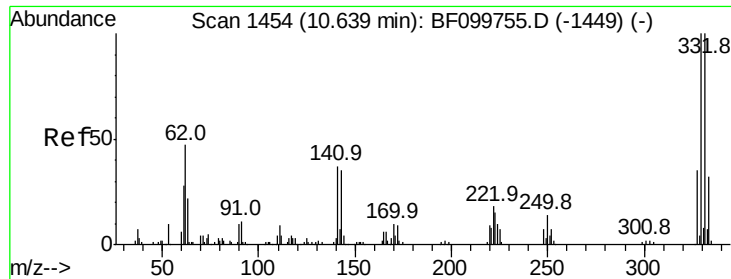
Tot Ion: 82 Resp: 322988
 Ion Ratio Lower Upper
 82 100
 128 51.9 36.1 54.1
 54 42.8 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF099889.D
 Acq: 27 Oct 2017 21:50

Tgt Ion: 164 Resp: 176012
 Ion Ratio Lower Upper
 164 100
 162 102.0 86.1 129.1
 160 44.3 38.3 57.5

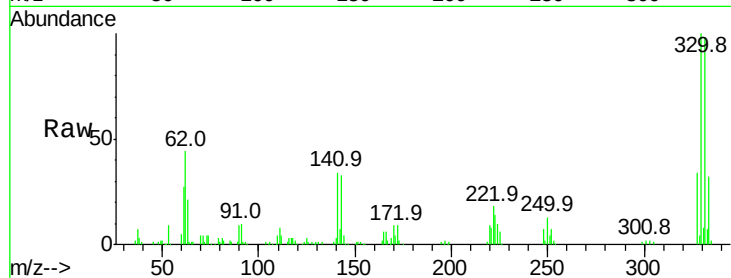




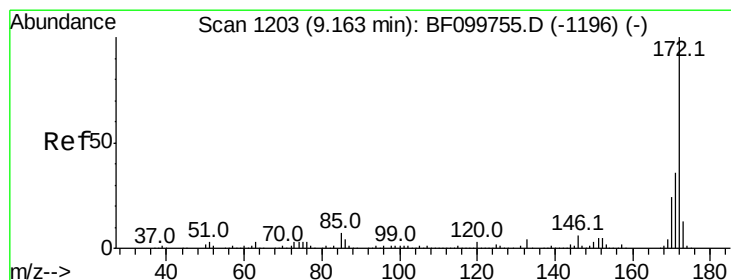
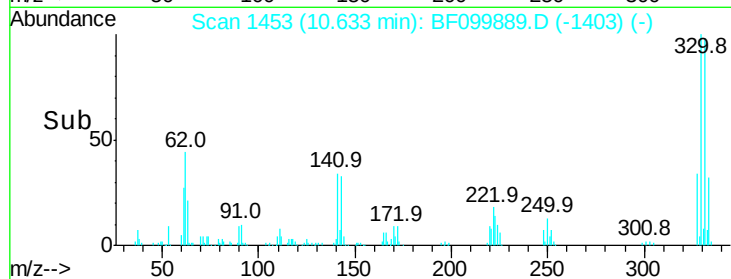
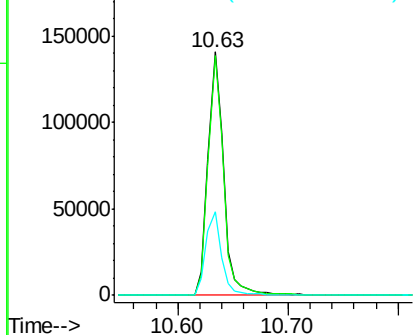
#41
 2,4,6-Tribromophenol
 Concen: 84.272 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF099889.D
 Acq: 27 Oct 2017 21:50

Instrument :
 BNA_F
 ClientSampleId :
 PB103711BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	34.6	29.9	44.9

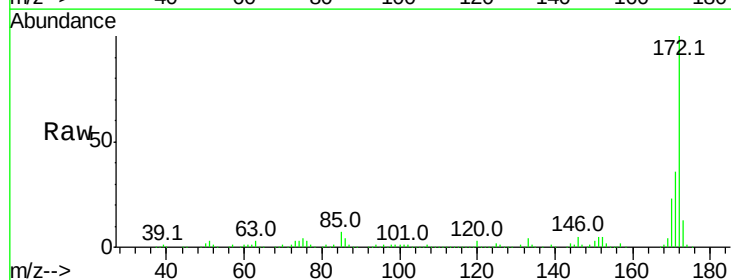


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

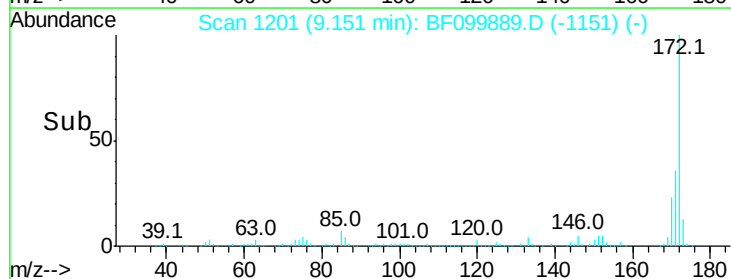
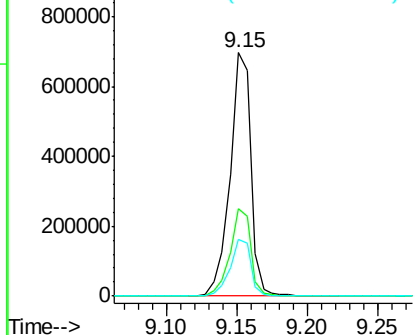


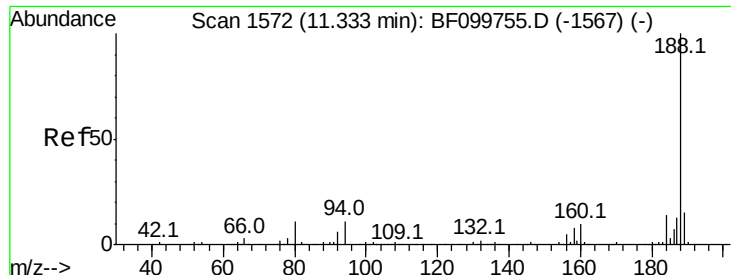
#44
 2-Fluorobiphenyl
 Concen: 62.836 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF099889.D
 Acq: 27 Oct 2017 21:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.3	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

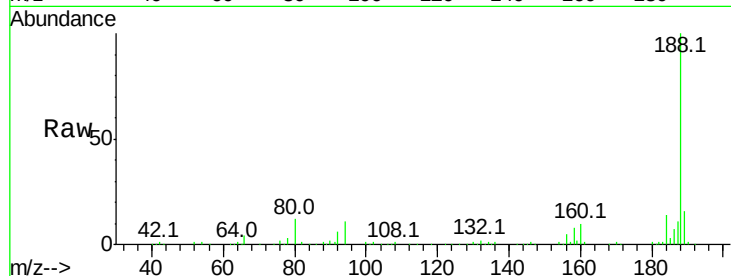




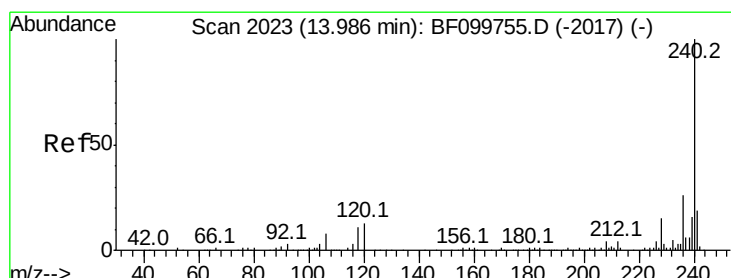
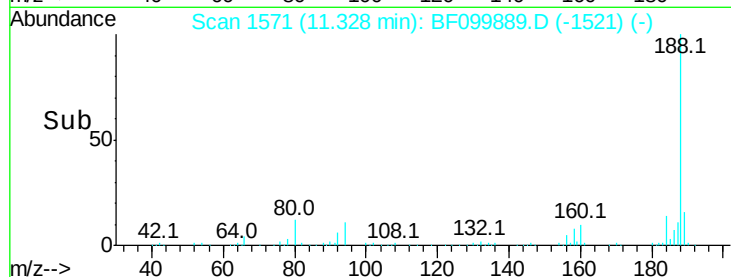
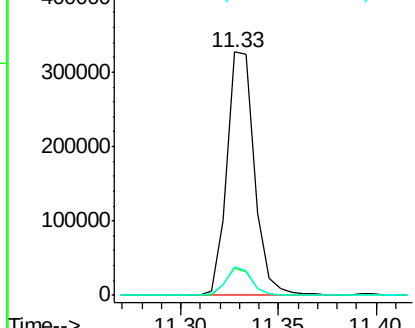
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF099889.D
Acq: 27 Oct 2017 21:50

Instrument :
BNA_F
ClientSampleId :
PB103711BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	11.6	9.2	13.8

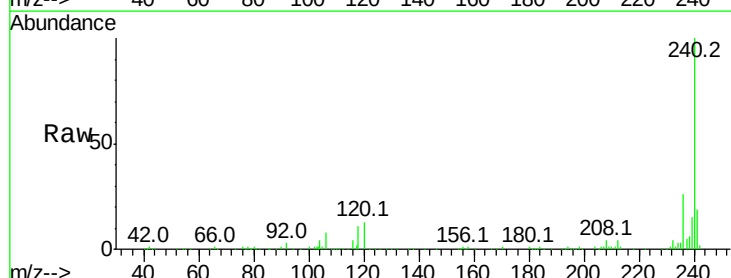


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

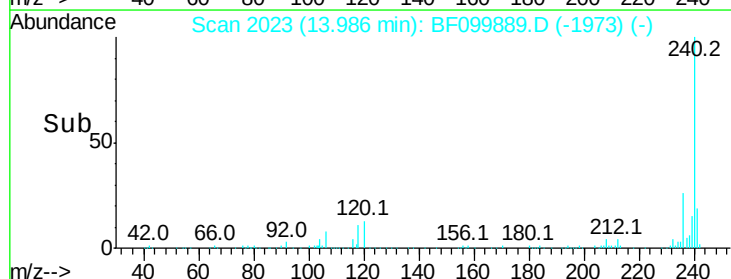
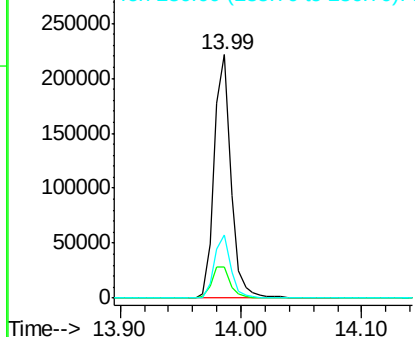


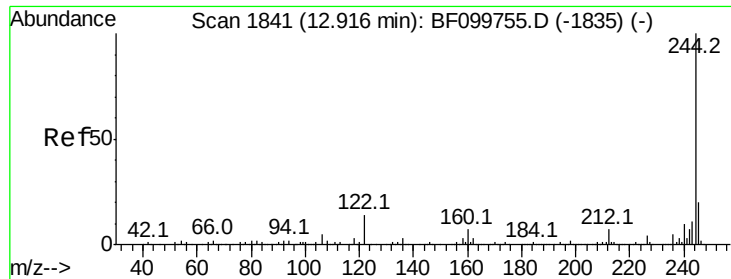
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF099889.D
Acq: 27 Oct 2017 21:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	26.1	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

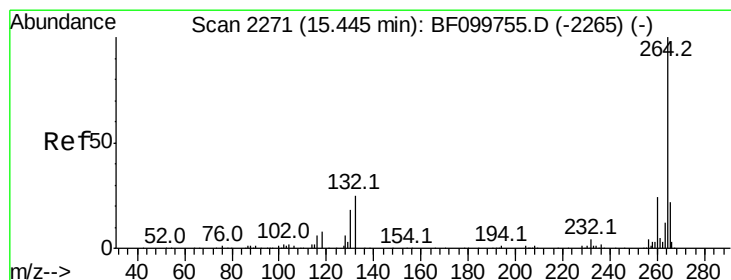
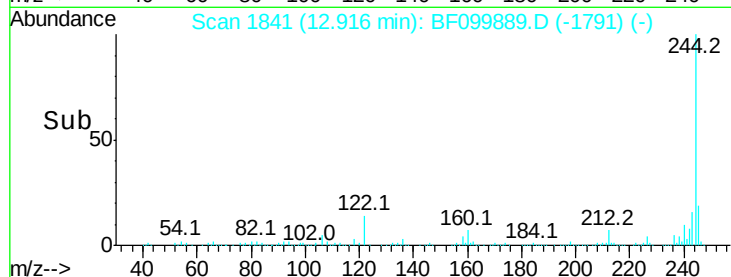
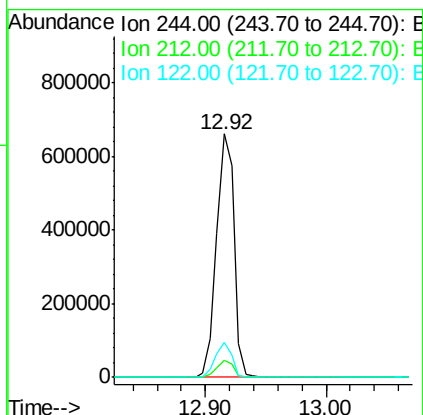
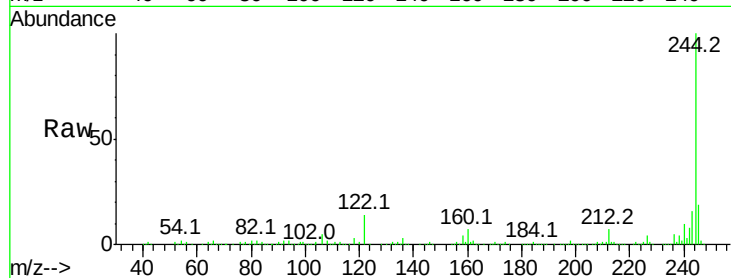




#78
 Terphenyl-d14
 Concen: 68.227 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF099889.D
 Acq: 27 Oct 2017 21:50

Instrument :
 BNA_F
 ClientSampleId :
 PB103711BL

Tot Ion:244 Resp: 653599
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 14.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: BF099889.D
 Acq: 27 Oct 2017 21:50

Tgt Ion:264 Resp: 156744
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.2 28.8
 265 20.9 17.5 26.3

