

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
 Data File : BF101575.D
 Acq On : 20 Dec 2017 18:39
 Operator : SJ/JU
 Sample : I6975-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11989

Quant Time: Dec 21 04:34:32 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	150702	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	593220	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	259297	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	450173	20.00	ng	0.00
75) Chrysene-d12	13.97	240	268149	20.00	ng	0.00
86) Perylene-d12	15.43	264	296523	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1054588	104.24	ng	0.02
7) Phenol-d6	6.44	99	1170562	92.97	ng	0.00
23) Nitrobenzene-d5	7.36	82	921232	86.45	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	301142	120.53	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1445707	86.49	ng	0.00
78) Terphenyl-d14	12.90	244	1178576	105.96	ng	0.00

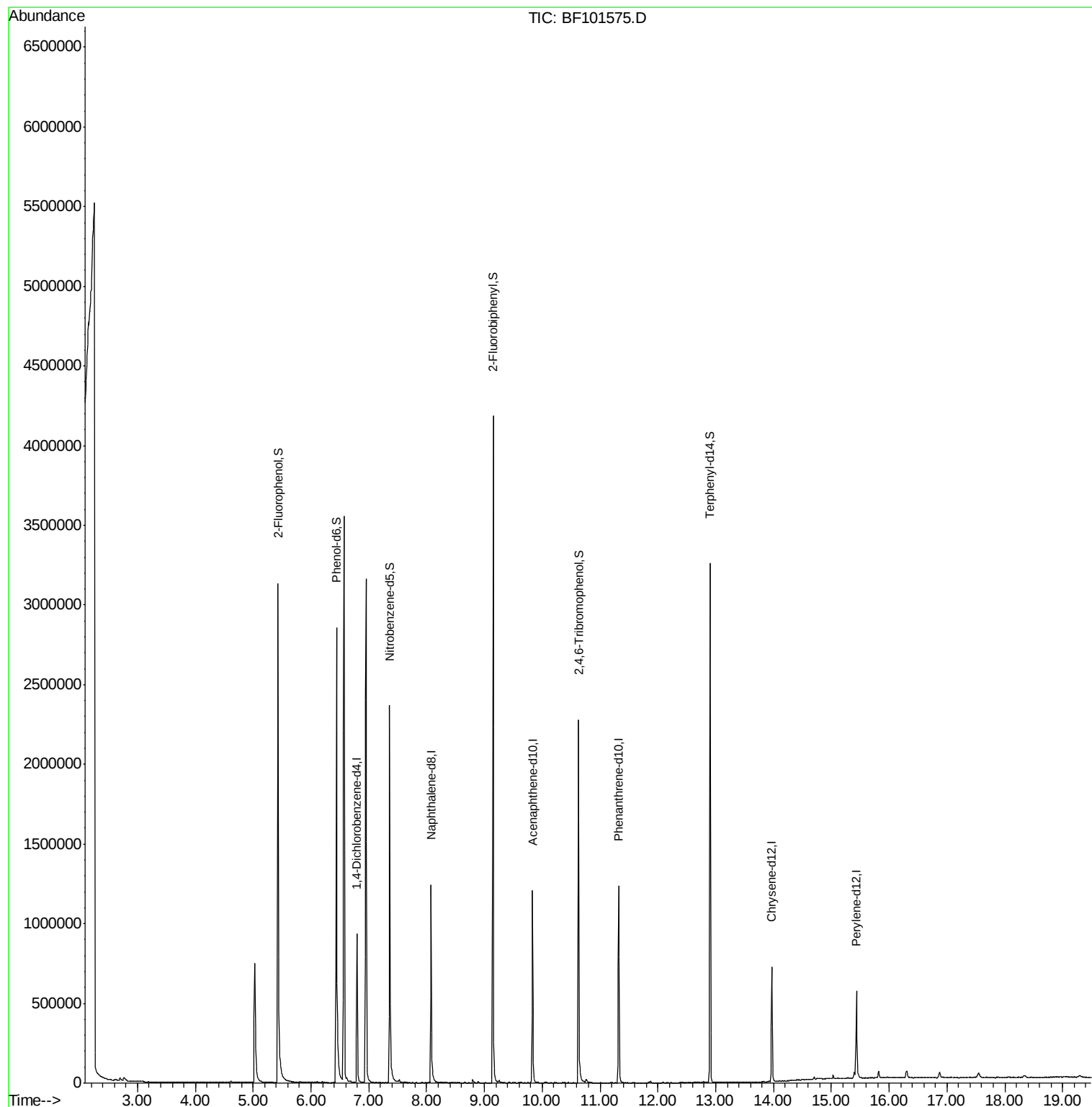
Target Compounds	Qvalue
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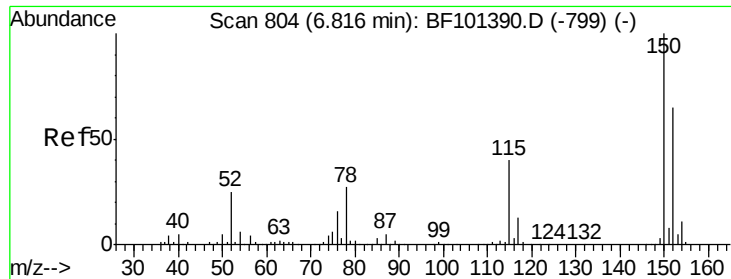
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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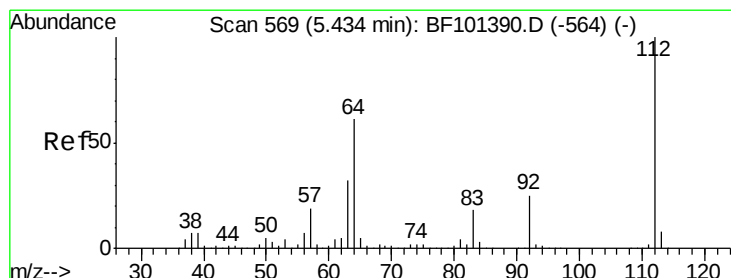
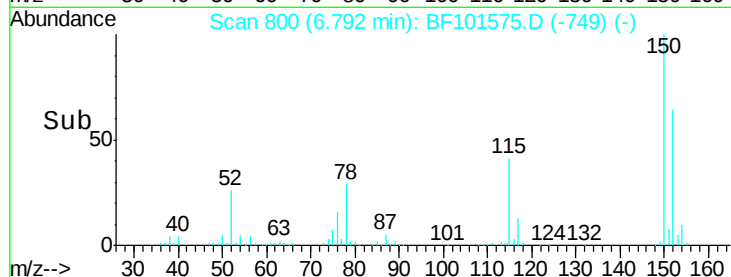
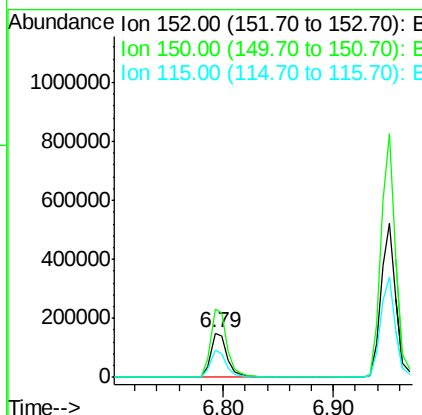
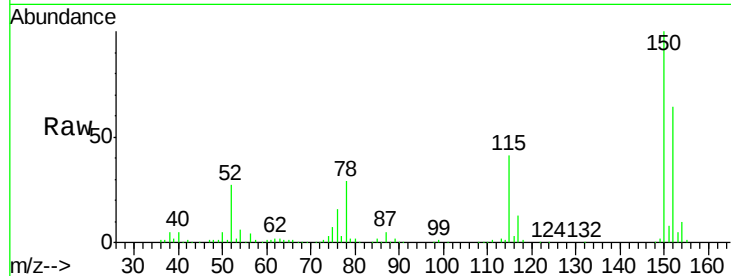




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF101575.D
 Acq: 20 Dec 2017 18:39

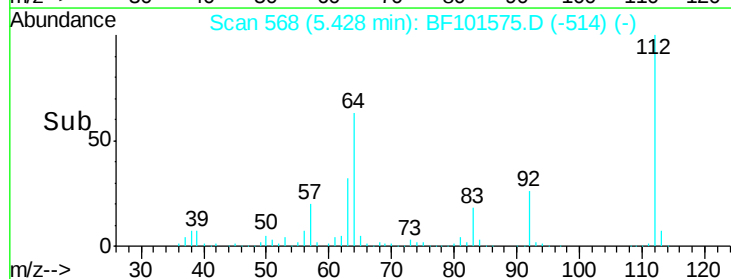
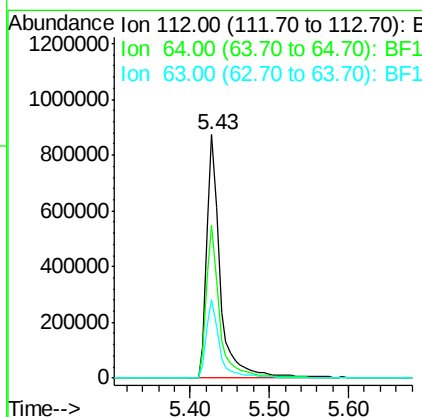
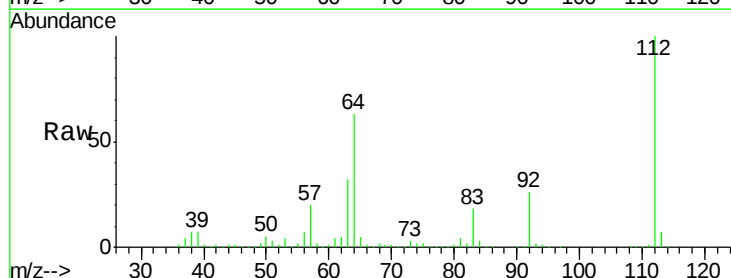
Instrument :
 BNA_F
 ClientSampleId :
 72-11989

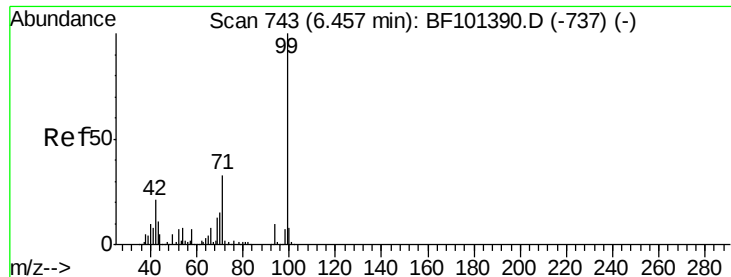
Tgt Ion:152 Resp: 150702
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.6 186.8
 115 63.4 50.1 75.1



#5
 2-Fluorophenol
 Concen: 104.238 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.02 min
 Lab File: BF101575.D
 Acq: 20 Dec 2017 18:39

Tgt Ion:112 Resp: 1054588
 Ion Ratio Lower Upper
 112 100
 64 62.6 47.9 71.9
 63 32.3 23.7 35.5





#7

Phenol-d6

Concen: 92.967 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF101575.D

Acq: 20 Dec 2017 18:39

Instrument :

BNA_F

ClientSampled :

72-11989

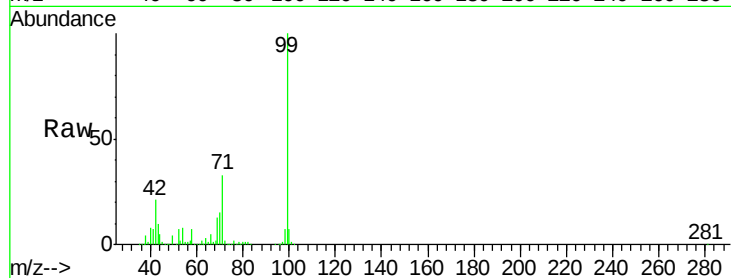
Tgt Ion: 99 Resp: 1170562

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

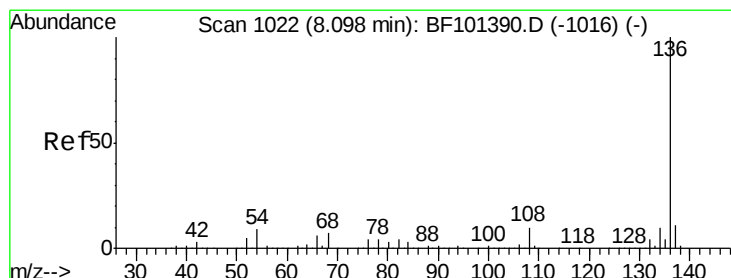
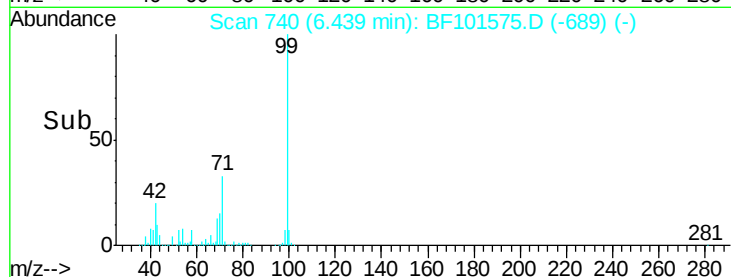
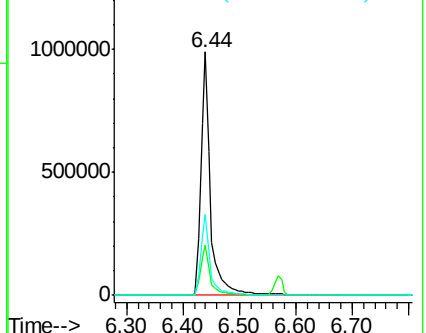
71 33.5 25.4 38.0



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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF101575.D

Acq: 20 Dec 2017 18:39

Tgt Ion: 136 Resp: 593220

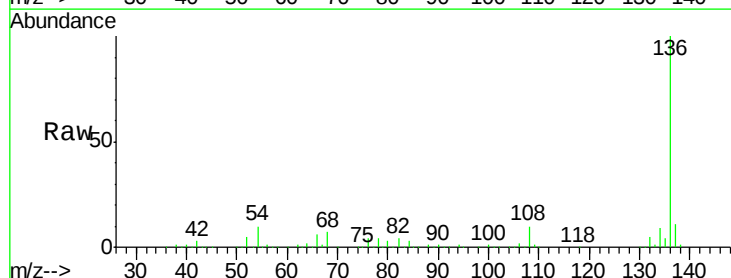
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.7 6.6 9.8

68 6.9 5.0 7.4

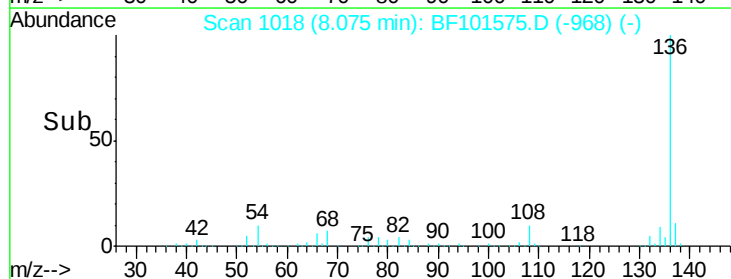
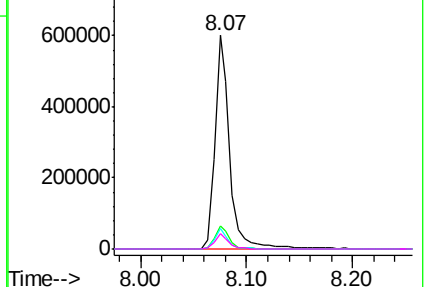


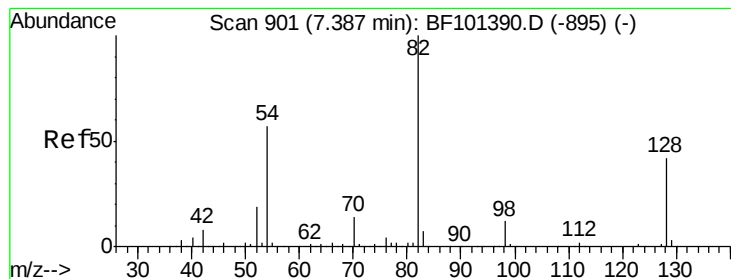
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 86.445 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF101575.D

Acq: 20 Dec 2017 18:39

Instrument :

BNA_F

ClientSampleId :

72-11989

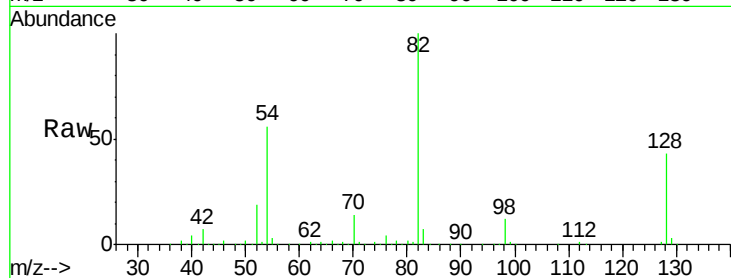
Tgt Ion: 82 Resp: 921232

Ion Ratio Lower Upper

82 100

128 43.5 36.1 54.1

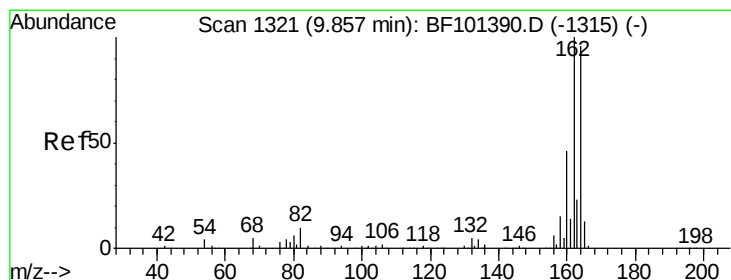
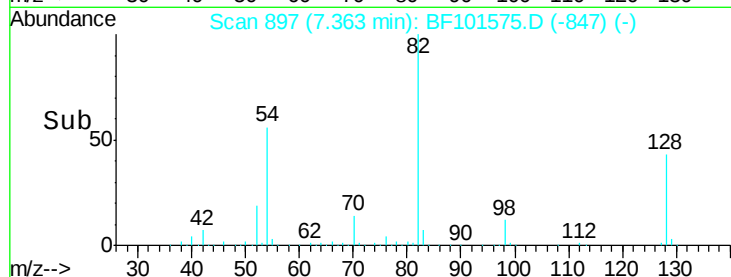
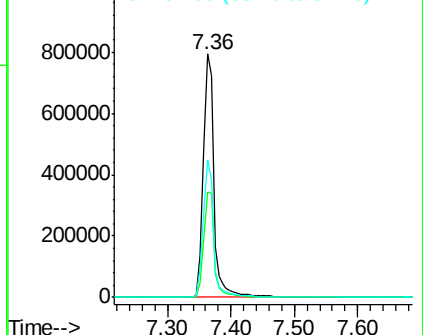
54 56.3 41.4 62.2



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: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF101575.D

Acq: 20 Dec 2017 18:39

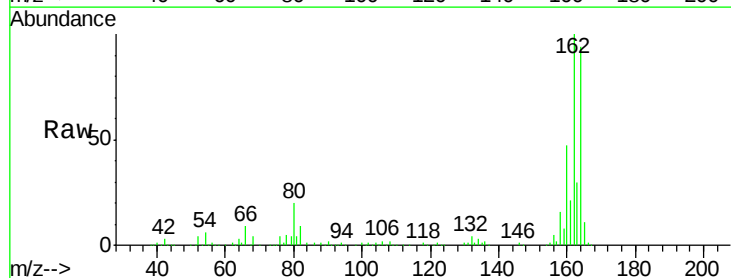
Tgt Ion: 164 Resp: 259297

Ion Ratio Lower Upper

164 100

162 106.1 86.1 129.1

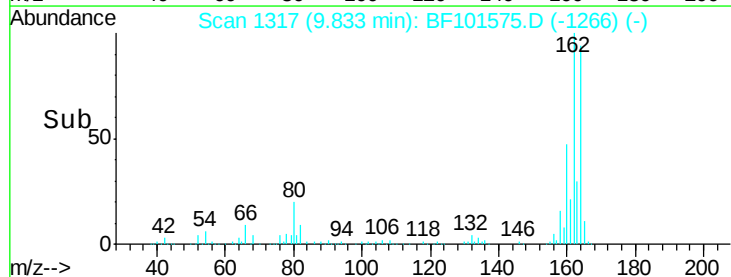
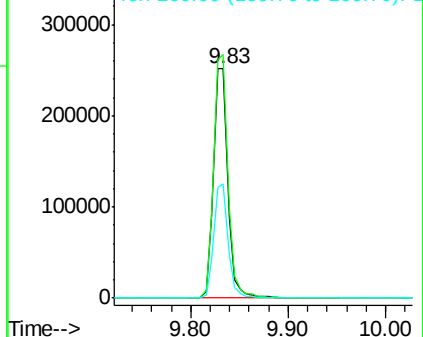
160 50.0 38.3 57.5

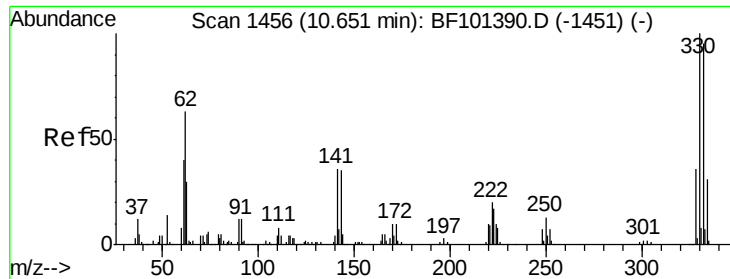


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

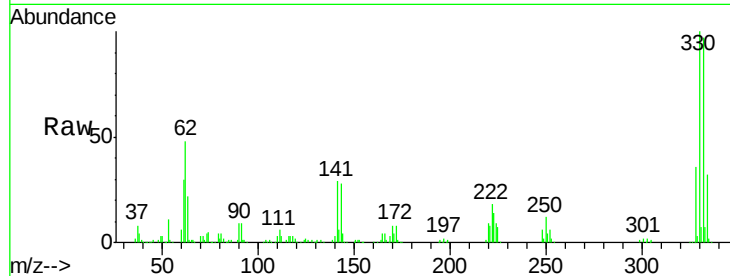




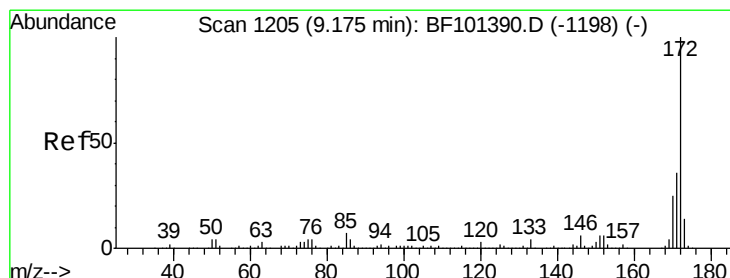
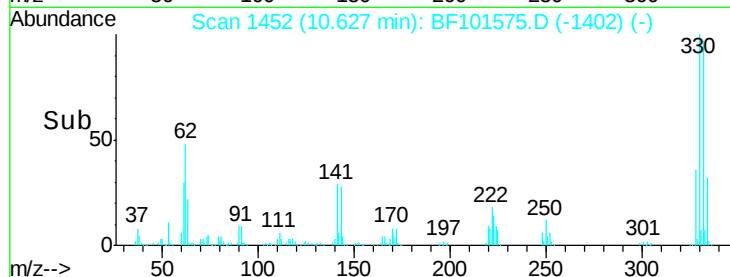
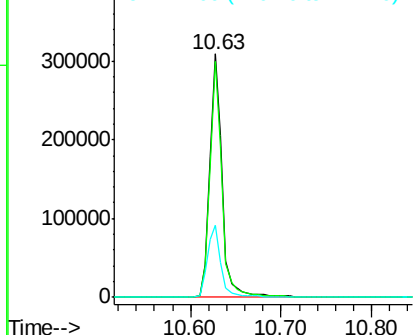
#41
 2,4,6-Tribromophenol
 Concen: 120.528 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101575.D
 Acq: 20 Dec 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :
 72-11989

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	32.8	29.9	44.9

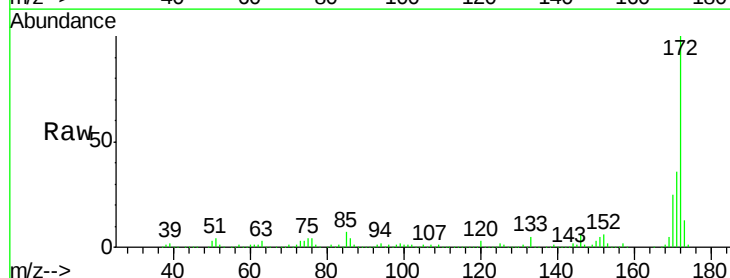


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

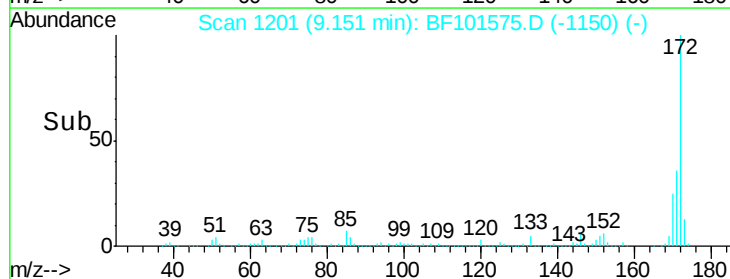
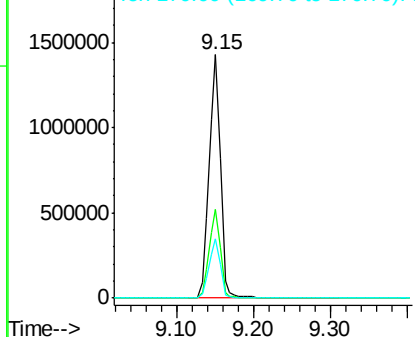


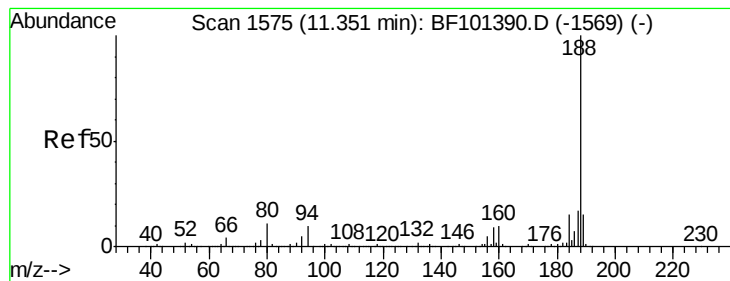
#44
 2-Fluorobiphenyl
 Concen: 86.489 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF101575.D
 Acq: 20 Dec 2017 18:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.6	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# 1570

Delta R.T. -0.01 min

Lab File: BF101575.D

Acq: 20 Dec 2017 18:39

Instrument :

BNA_F

ClientSampleId :

72-11989

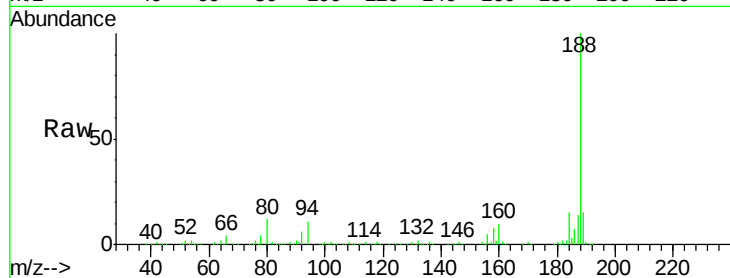
Tgt Ion:188 Resp: 450173

Ion Ratio Lower Upper

188 100

94 11.1 8.5 12.7

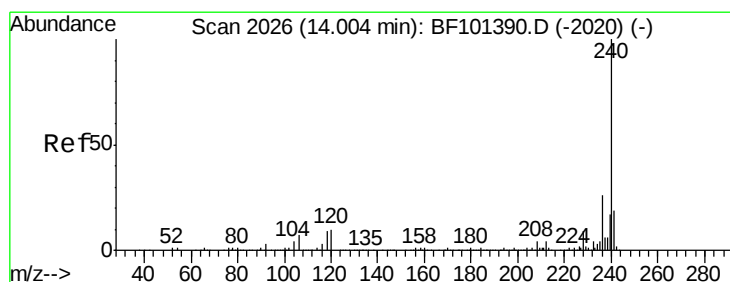
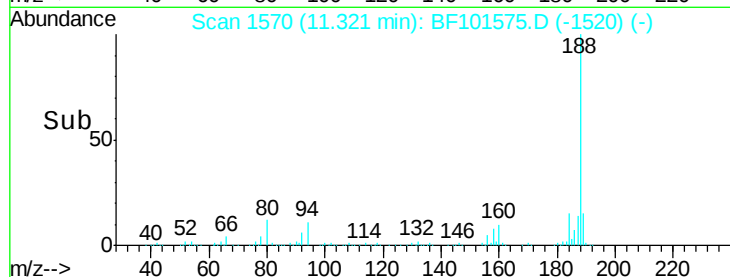
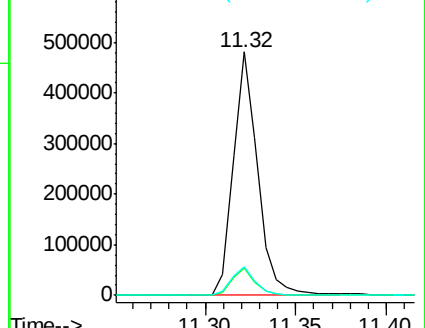
80 11.6 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF101575.D

Acq: 20 Dec 2017 18:39

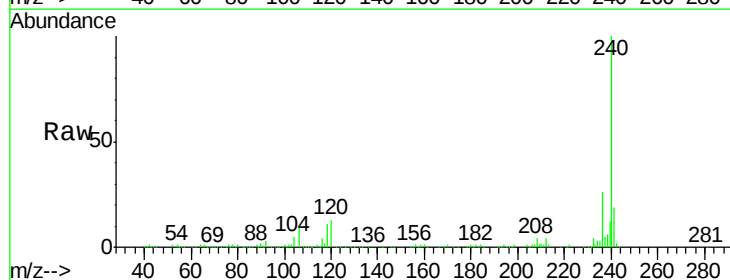
Tgt Ion:240 Resp: 268149

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

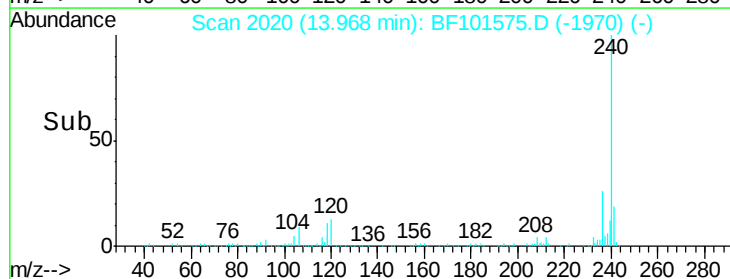
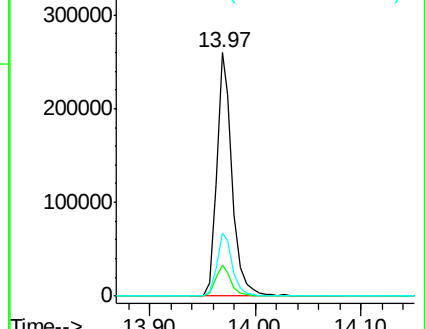
236 25.7 20.7 31.1

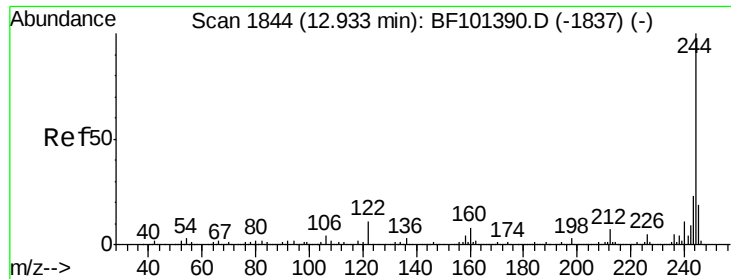


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 105.959 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101575.D

Acq: 20 Dec 2017 18:39

Instrument :

BNA_F

ClientSampleId :

72-11989

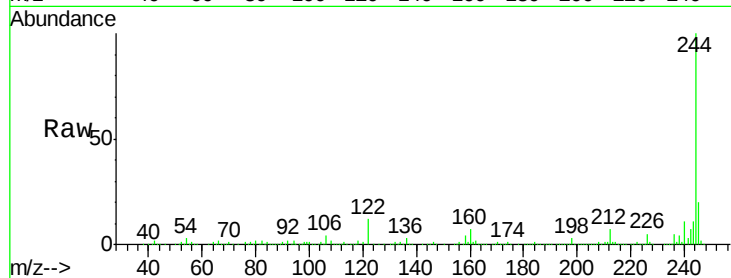
Tgt Ion:244 Resp: 1178576

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

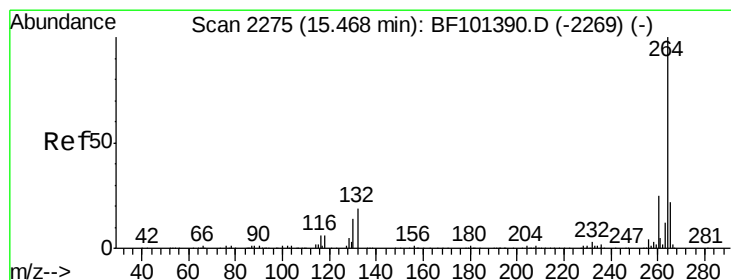
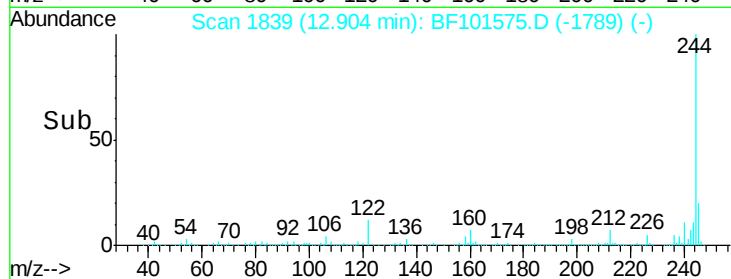
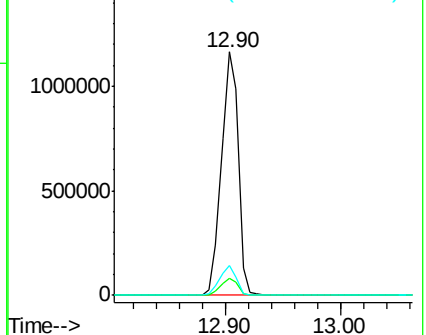
122 12.1 11.0 16.4



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: 15.43 min Scan# 2269

Delta R.T. -0.00 min

Lab File: BF101575.D

Acq: 20 Dec 2017 18:39

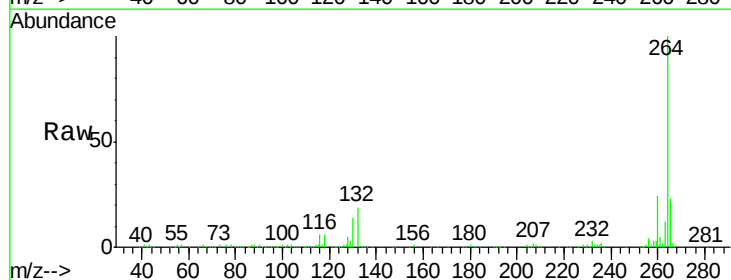
Tgt Ion:264 Resp: 296523

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 22.5 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

