

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
 Data File : BF098624.D
 Acq On : 19 Sep 2017 2:12
 Operator : SJ/JU
 Sample : I5260-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 091317-TIDO-E-D-M

Quant Time: Sep 19 07:21:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	103512	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	483172	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	211622	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	297542	20.00	ng	0.00
75) Chrysene-d12	13.79	240	254003	20.00	ng	0.00
86) Perylene-d12	15.18	264	229928	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	329320	47.04	ng	0.00
7) Phenol-d6	6.29	99	251868	28.33	ng	0.00
23) Nitrobenzene-d5	7.20	82	686851	79.25	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	108794	77.03	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1239172	99.25	ng	0.00
78) Terphenyl-d14	12.73	244	882593	75.00	ng	0.00

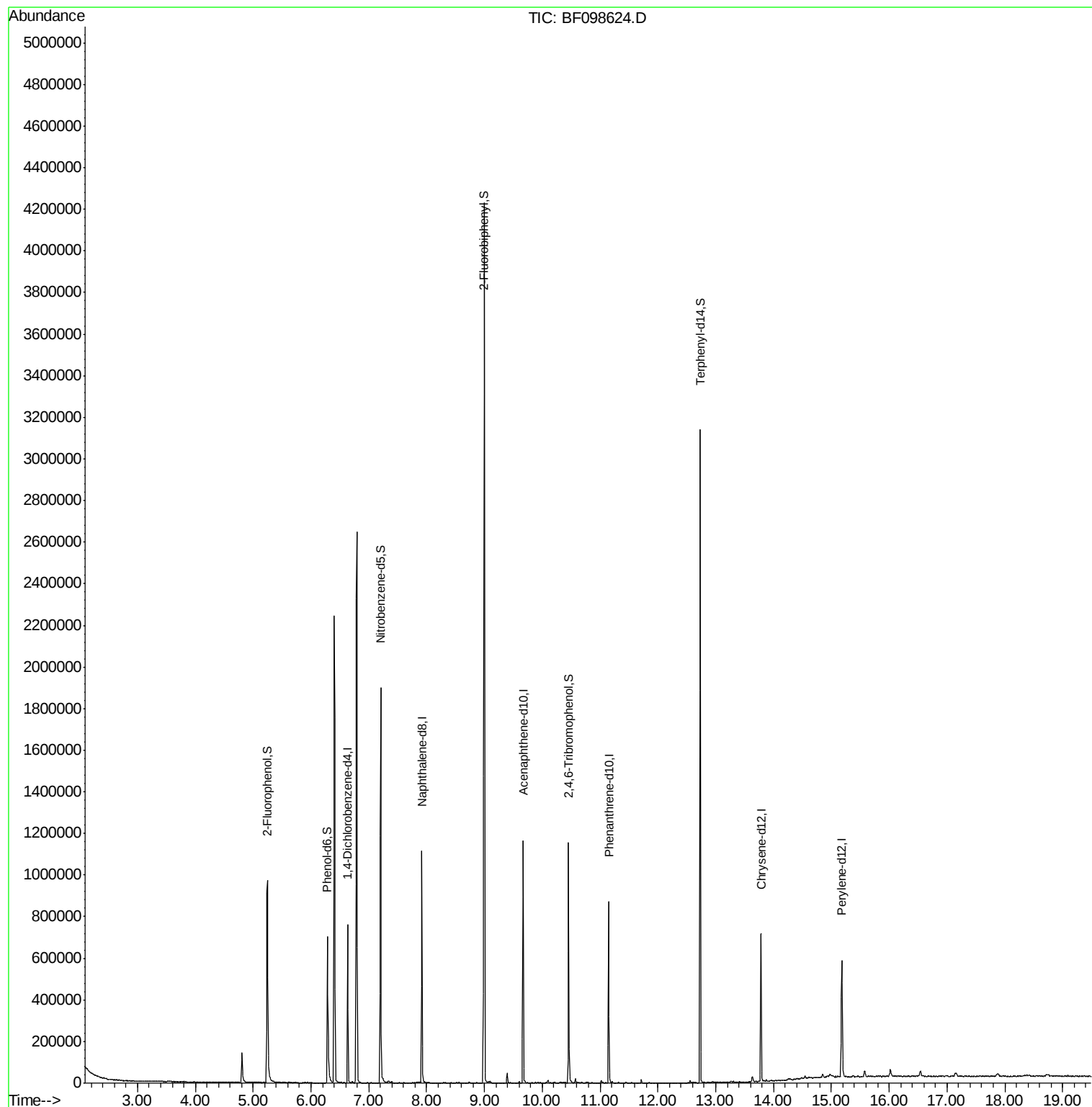
Target Compounds Qvalue

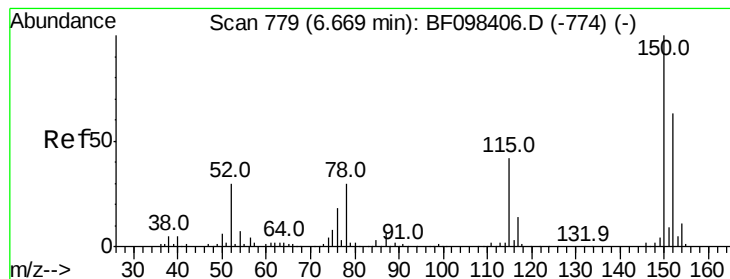
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF098624.D

Acq: 19 Sep 2017 2:12

Instrument :

BNA_F

ClientSampleId :

091317-TIDO-E-D-M

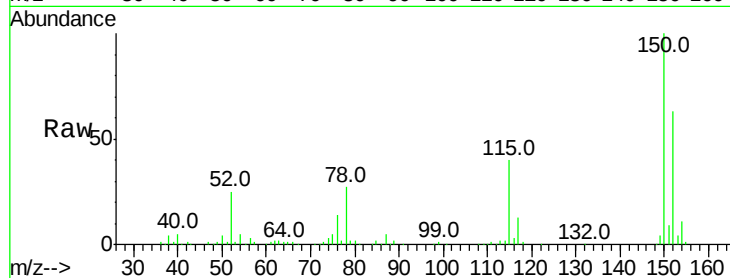
Tot Ion:152 Resp: 103512

Ion Ratio Lower Upper

152 100

150 157.8 126.2 189.2

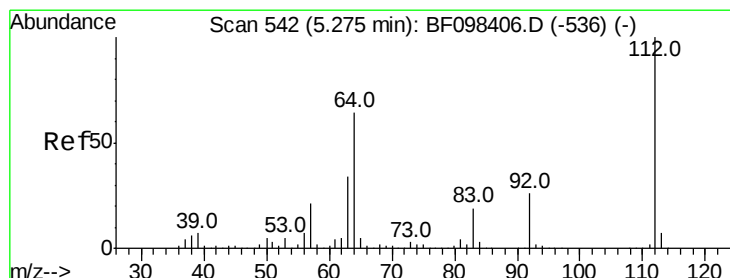
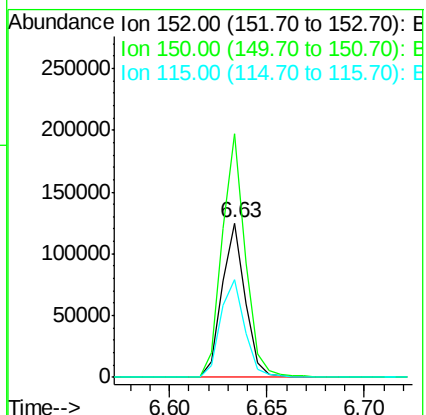
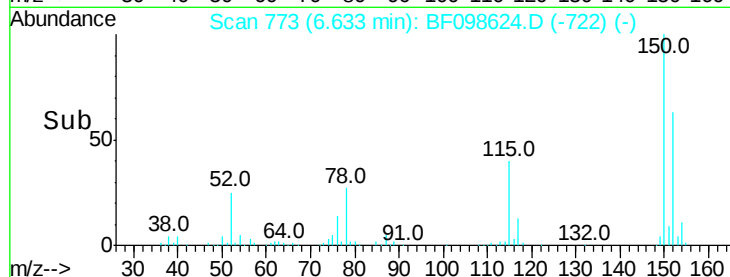
115 63.1 52.2 78.2



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: 47.039 ng

RT: 5.25 min Scan# 537

Delta R.T. 0.01 min

Lab File: BF098624.D

Acq: 19 Sep 2017 2:12

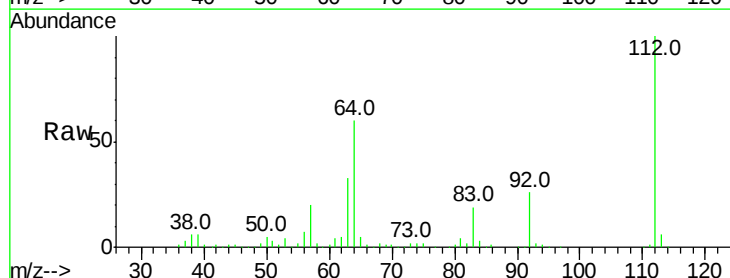
Tgt Ion:112 Resp: 329320

Ion Ratio Lower Upper

112 100

64 60.4 46.0 69.0

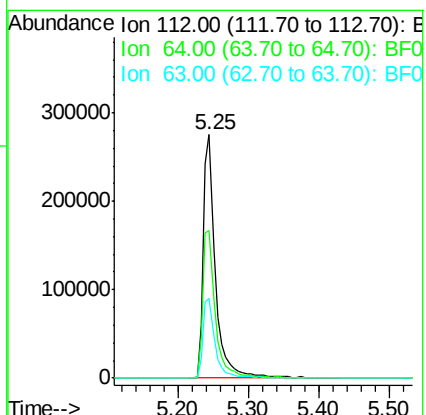
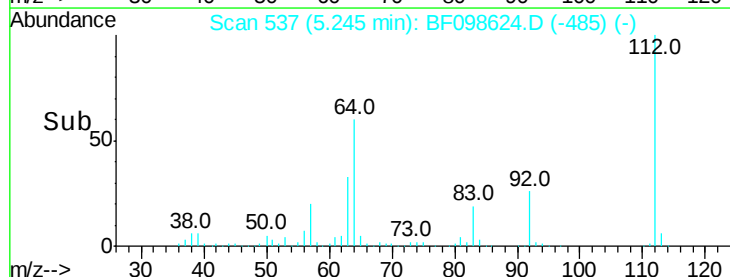
63 32.9 23.4 35.0

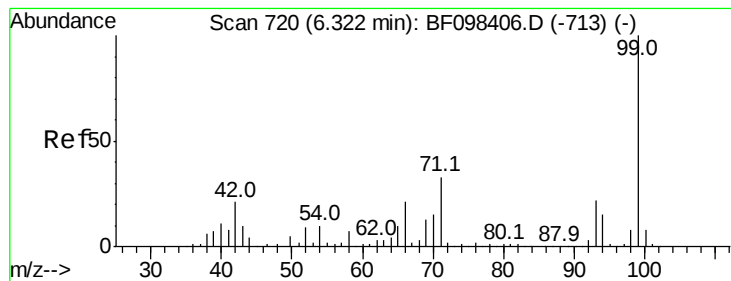


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 28.335 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF098624.D

Acq: 19 Sep 2017 2:12

Instrument :

BNA_F

ClientSampleId :

091317-TIDO-E-D-M

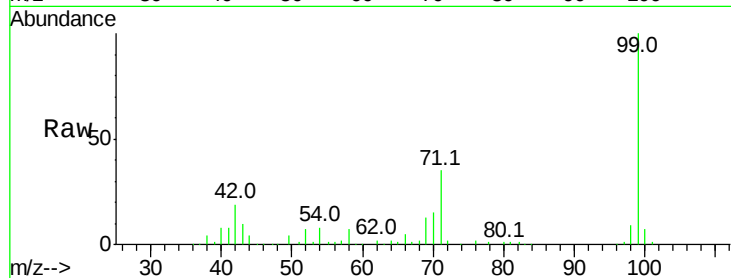
Tot Ion: 99 Resp: 251868

Ion Ratio Lower Upper

99 100

42 19.4 13.5 20.3

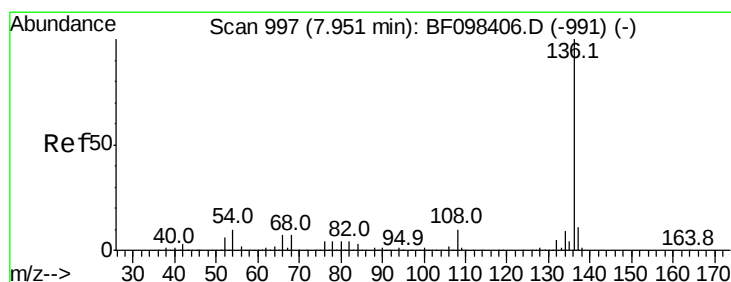
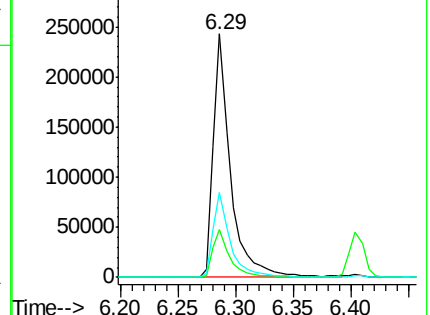
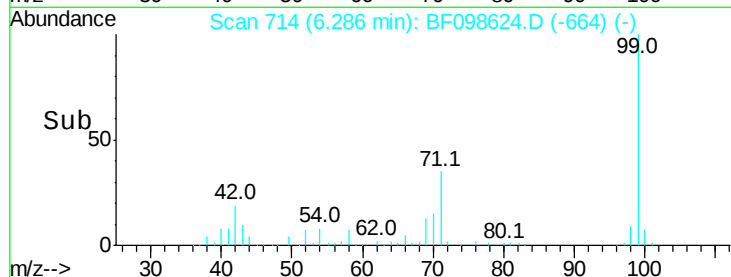
71 34.9 24.5 36.7



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: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF098624.D

Acq: 19 Sep 2017 2:12

Tgt Ion: 136 Resp: 483172

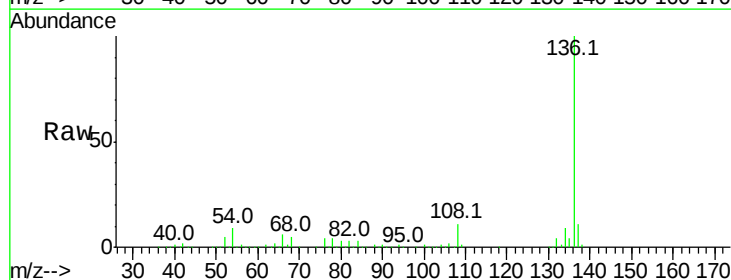
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 9.5 4.9 7.3#

68 5.3 4.1 6.1

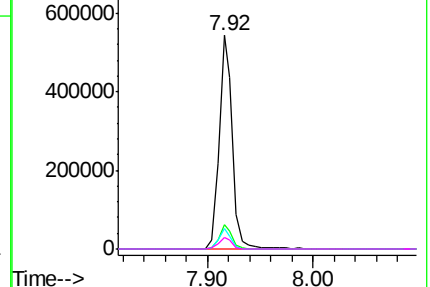
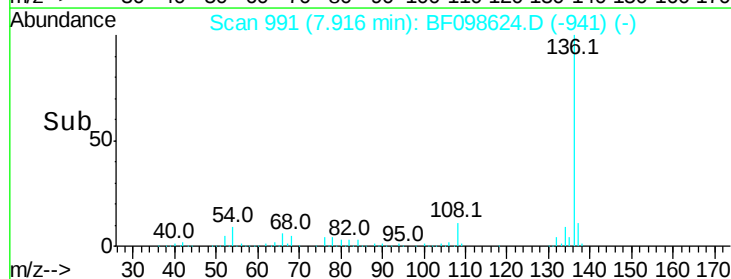


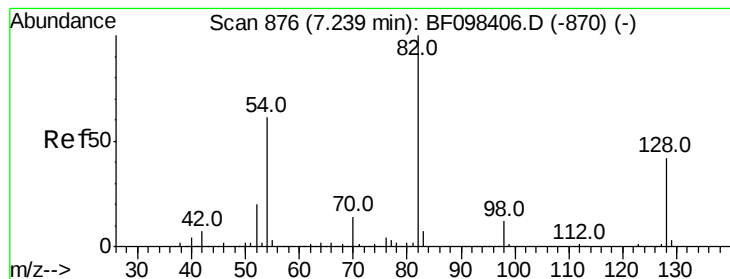
Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.251 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF098624.D

Acq: 19 Sep 2017 2:12

Instrument :

BNA_F

ClientSampleId :

091317-TIDO-E-D-M

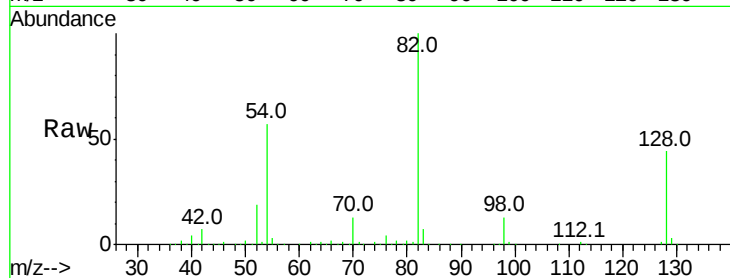
Tot Ion: 82 Resp: 686851

Ion Ratio Lower Upper

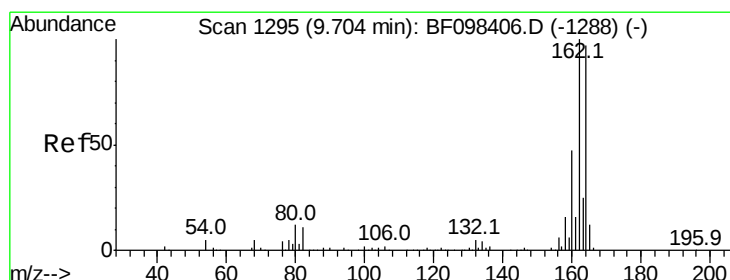
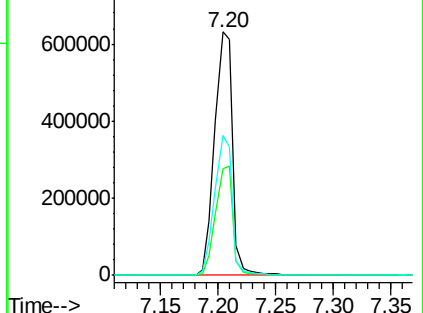
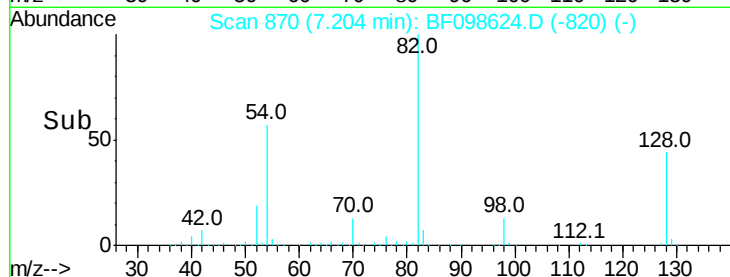
82 100

128 43.7 34.0 51.0

54 57.3 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BF098624.D

Acq: 19 Sep 2017 2:12

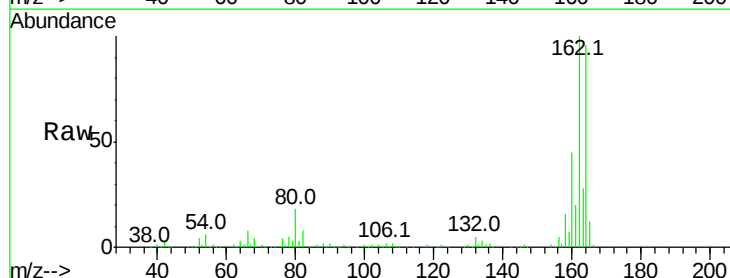
Tgt Ion:164 Resp: 211622

Ion Ratio Lower Upper

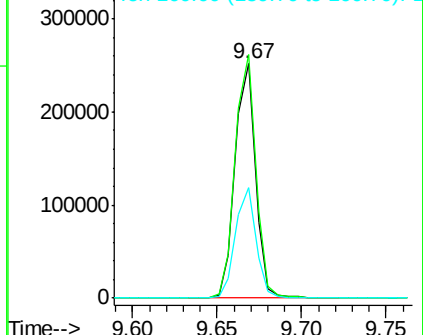
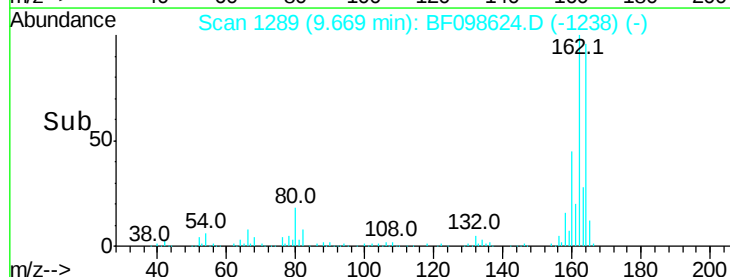
164 100

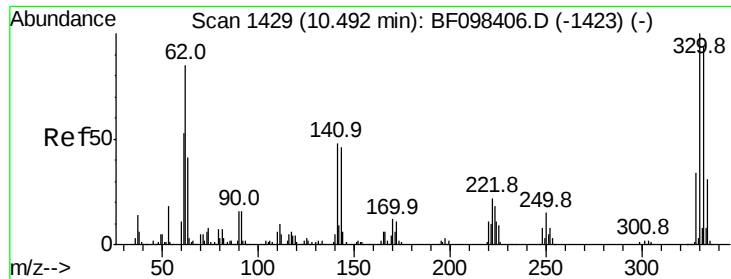
162 103.8 82.6 123.8

160 47.2 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

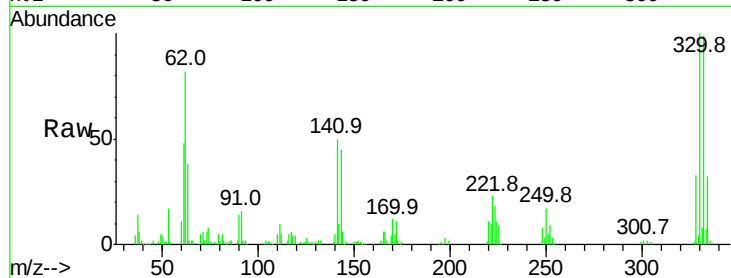




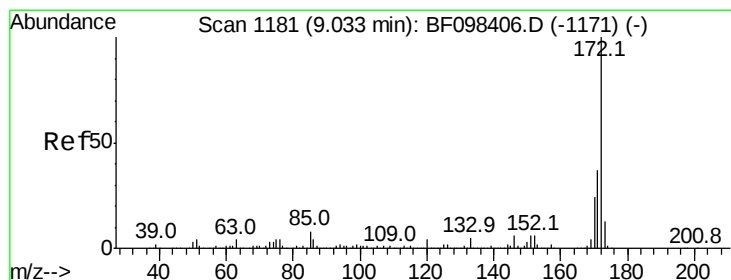
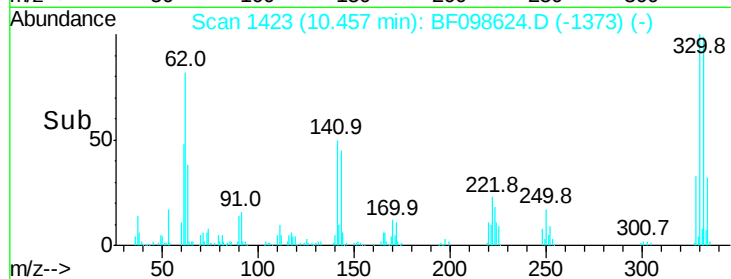
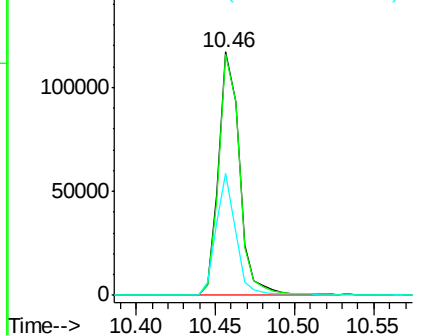
#41
 2,4,6-Tribromophenol
 Concen: 77.027 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF098624.D
 Acq: 19 Sep 2017 2:12

Instrument :
 BNA_F
 ClientSampleId :
 091317-TIDO-E-D-M

Tot Ion:330 Resp: 108794
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 115.0
 141 46.7 31.4 47.2

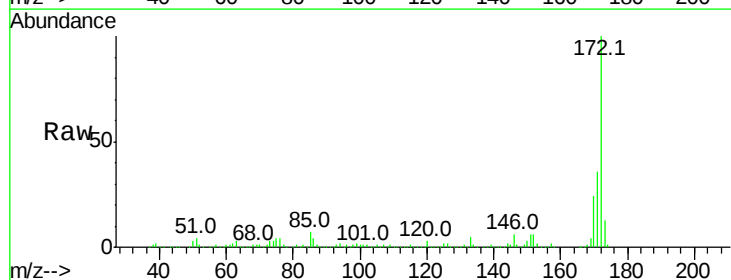


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

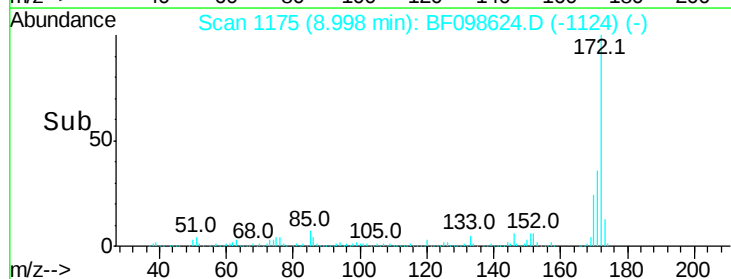
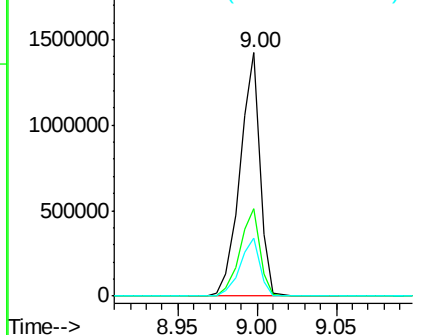


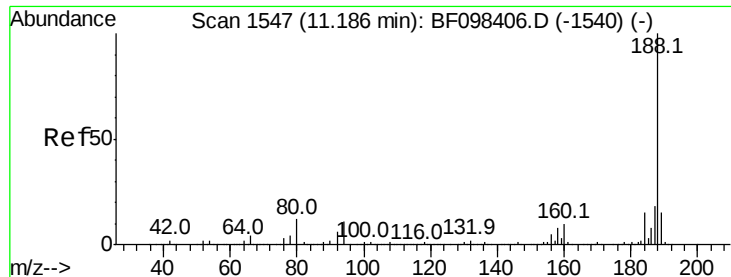
#44
 2-Fluorobiphenyl
 Concen: 99.247 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF098624.D
 Acq: 19 Sep 2017 2:12

Tgt Ion:172 Resp: 1239172
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.9 19.8 29.8



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

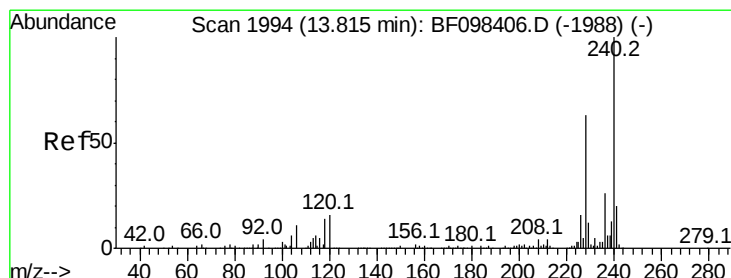
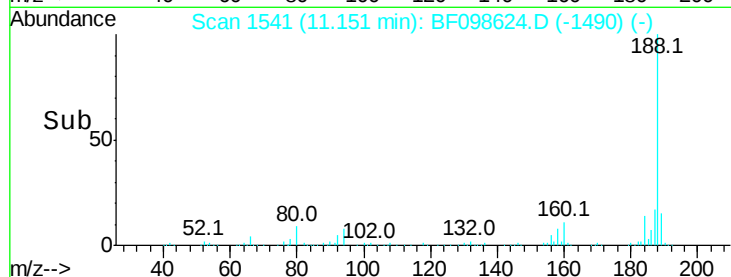
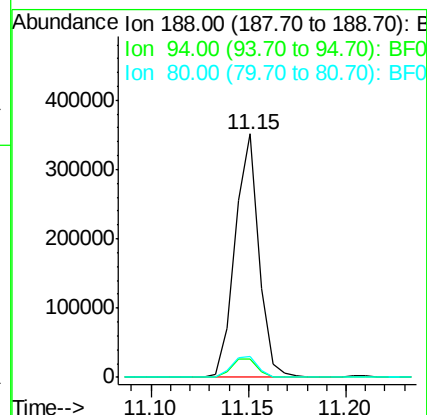
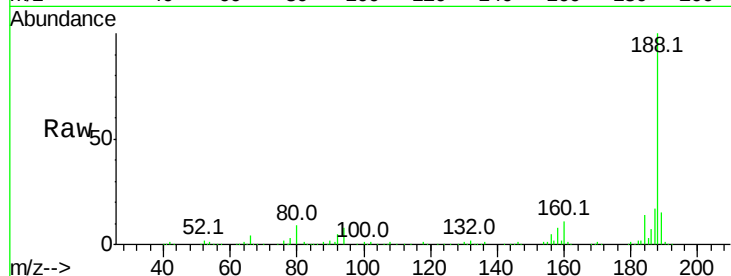




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BF098624.D
Acq: 19 Sep 2017 2:12

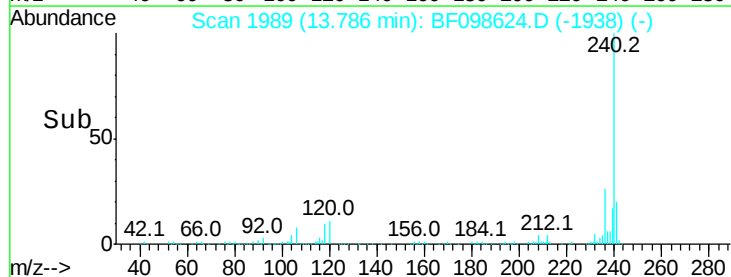
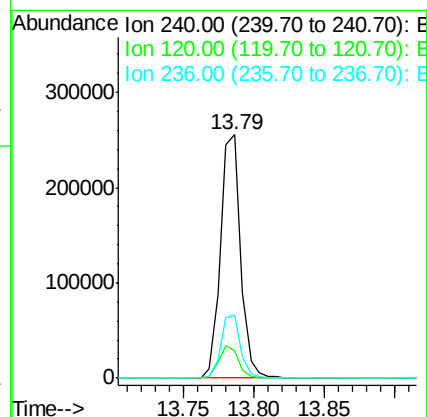
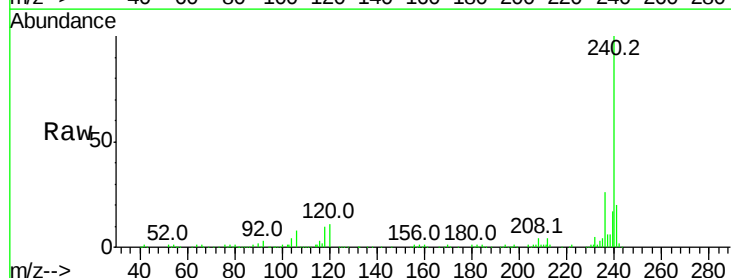
Instrument :
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091317-TIDO-E-D-M

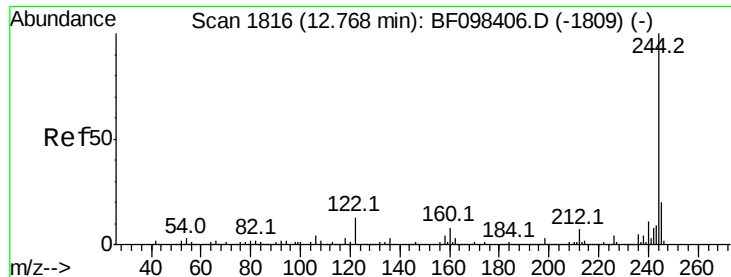
Tot Ion:188 Resp: 297542
Ion Ratio Lower Upper
188 100
94 7.7 9.4 14.2#
80 8.6 10.2 15.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BF098624.D
Acq: 19 Sep 2017 2:12

Tgt Ion:240 Resp: 254003
Ion Ratio Lower Upper
240 100
120 11.3 5.8 8.8#
236 25.8 20.5 30.7





#78

Terphenyl-d14

Concen: 75.001 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF098624.D

Acq: 19 Sep 2017 2:12

Instrument :

BNA_F

ClientSampleId :

091317-TIDO-E-D-M

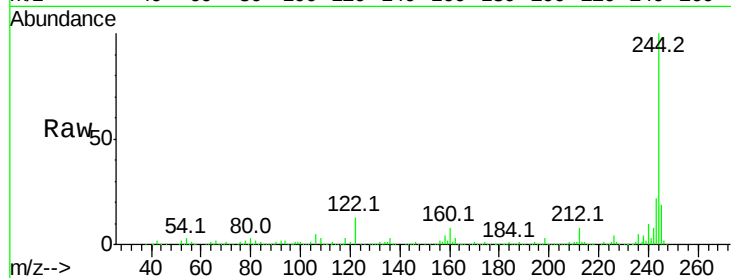
Tot Ion:244 Resp: 882593

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

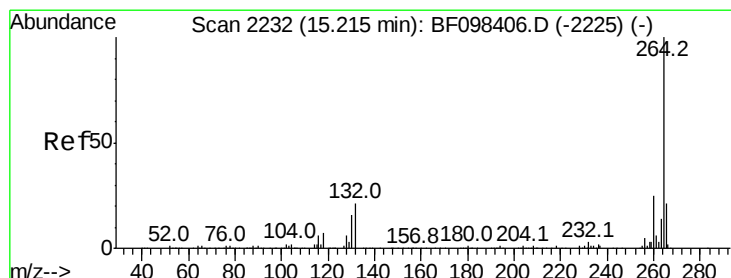
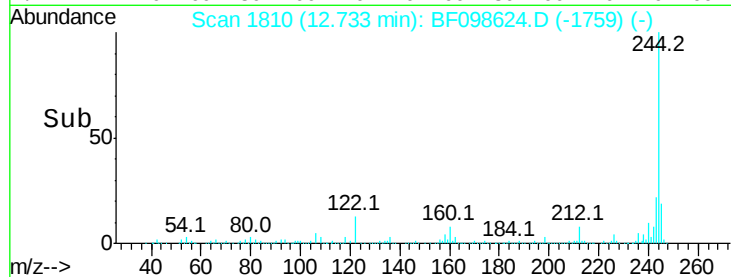
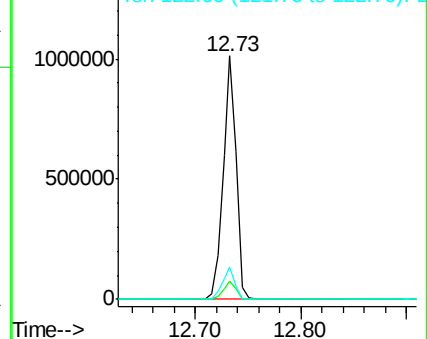
122 13.3 10.3 15.5



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: 15.18 min Scan# 2226

Delta R.T. 0.01 min

Lab File: BF098624.D

Acq: 19 Sep 2017 2:12

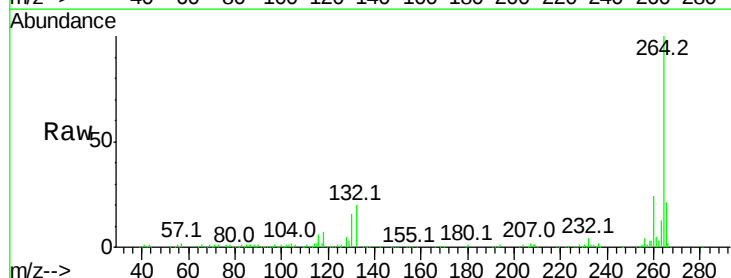
Tgt Ion:264 Resp: 229928

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.2 17.2 25.8



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

