

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
 Data File : BF092375.D
 Acq On : 20 Jan 2017 16:19
 Operator : UM/SJ
 Sample : I1308-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-2-0-12FT-COMP

Quant Time: Jan 20 23:15:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 22:22:14 2017
 Response via : Initial Calibration

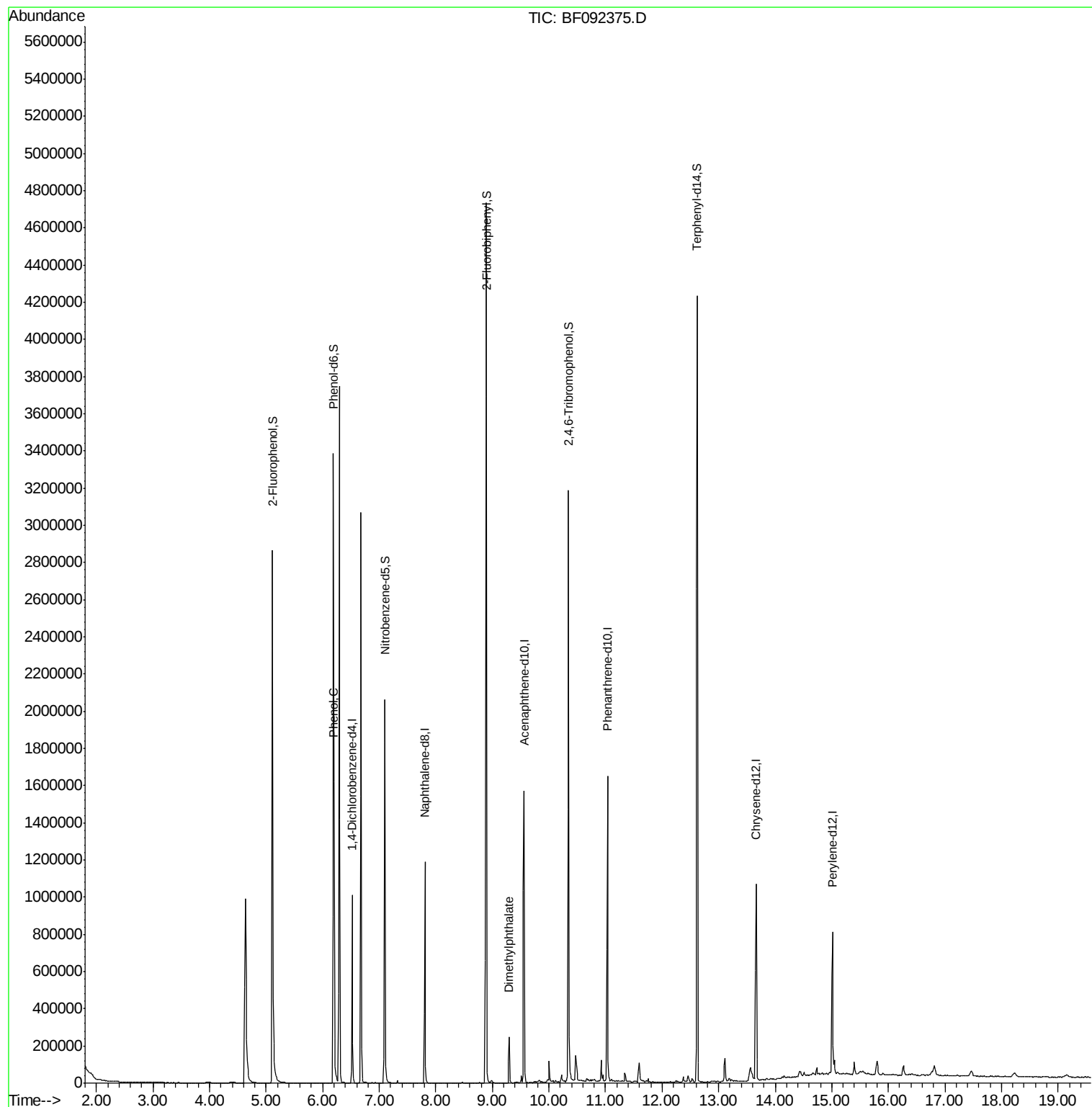
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	150929	20.00	ng	0.00
21) Naphthalene-d8	7.81	136	579768	20.00	ng	0.00
38) Acenaphthene-d10	9.56	164	451374	20.00	ng	0.00
63) Phenanthrene-d10	11.03	188	694237	20.00	ng	0.00
75) Chrysene-d12	13.66	240	450215	20.00	ng	0.00
86) Perylene-d12	15.01	264	382607	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	1224477	135.46	ng	0.02
7) Phenol-d6	6.19	99	1517844	137.54	ng	0.00
23) Nitrobenzene-d5	7.10	82	1031715	98.95	ng	0.00
41) 2,4,6-Tribromophenol	10.35	330	422073	112.99	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	2172239	101.04	ng	0.00
78) Terphenyl-d14	12.62	244	1639171	88.30	ng	0.00
Target Compounds						
10) Phenol	6.20	94	66383	5.28	ng	90
49) Dimethylphthalate	9.30	163	125313	4.34	ng	99

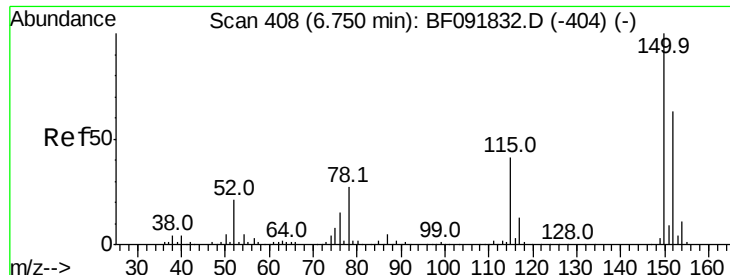
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF092375.D

Acq: 20 Jan 2017 16:19

Instrument :

BNA_F

ClientSampleId :

MH-2-0-12FT-COMP

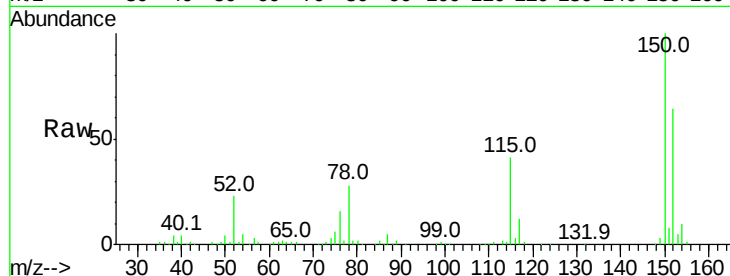
Tot Ion:152 Resp: 150929

Ion Ratio Lower Upper

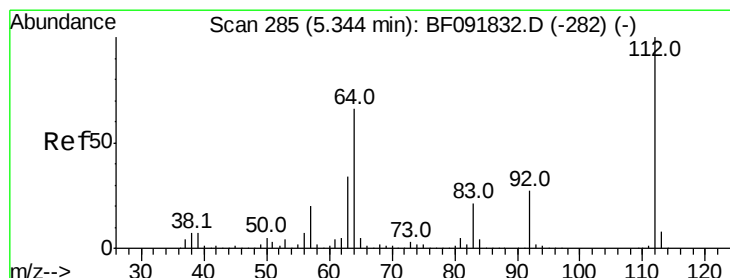
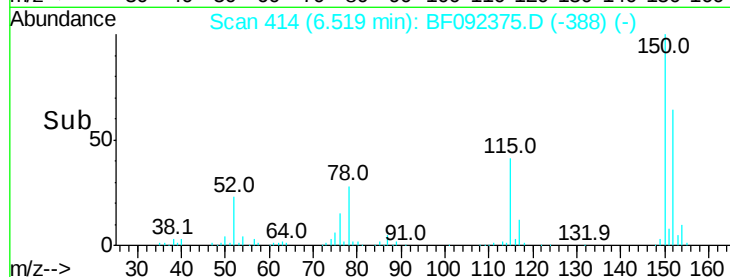
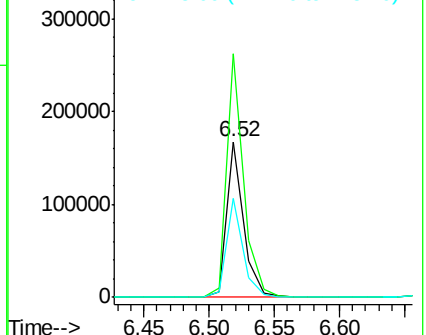
152 100

150 156.4 124.9 187.3

115 63.7 46.0 69.0



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: 135.46 ng

RT: 5.11 min Scan# 291

Delta R.T. 0.02 min

Lab File: BF092375.D

Acq: 20 Jan 2017 16:19

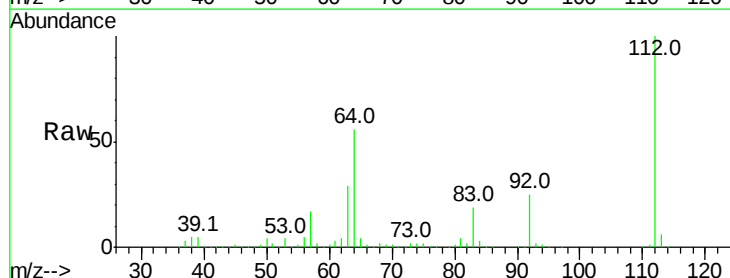
Tgt Ion:112 Resp: 1224477

Ion Ratio Lower Upper

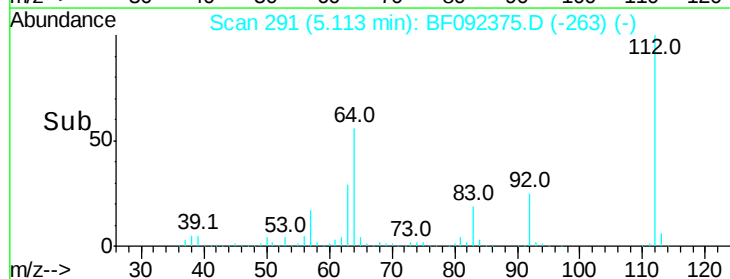
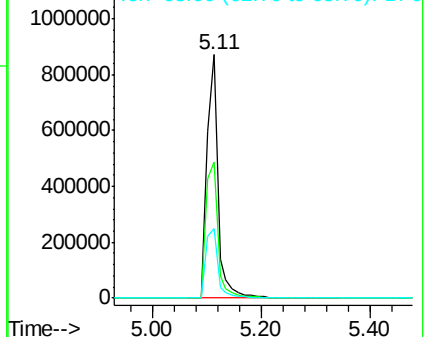
112 100

64 55.7 46.1 69.1

63 28.7 23.8 35.6



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: 137.54 ng

RT: 6.19 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF092375.D

Acq: 20 Jan 2017 16:19

Instrument :

BNA_F

ClientSampleId :

MH-2-0-12FT-COMP

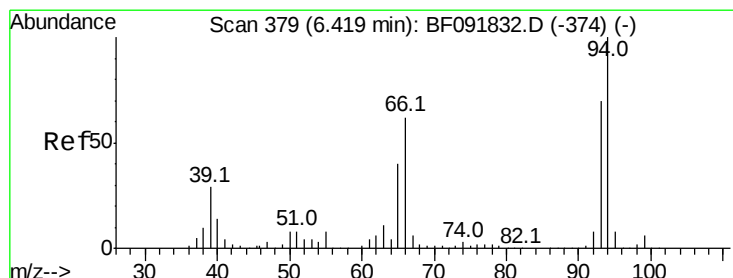
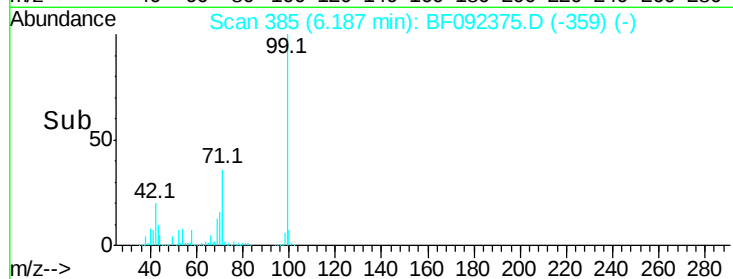
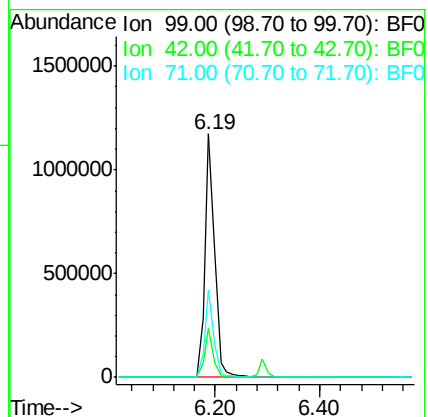
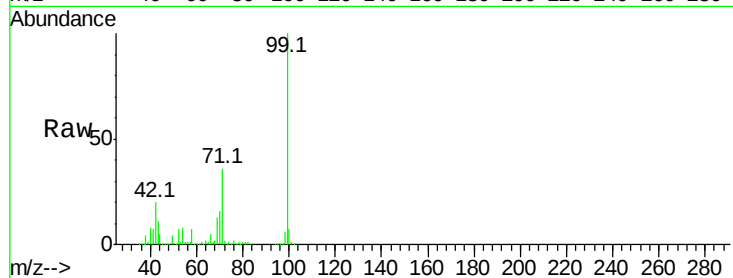
Tot Ion: 99 Resp: 1517844

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

71 35.7 27.5 41.3



#10

Phenol

Concen: 5.28 ng

RT: 6.20 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF092375.D

Acq: 20 Jan 2017 16:19

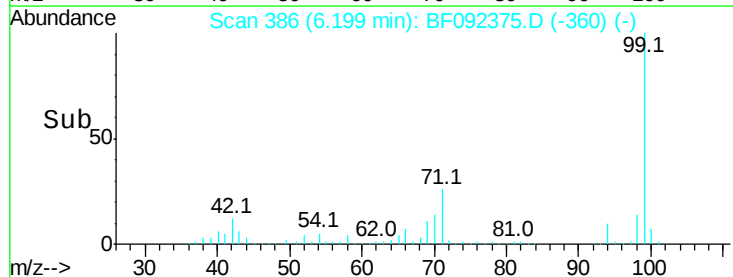
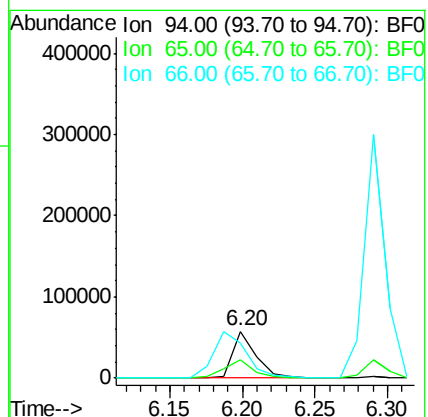
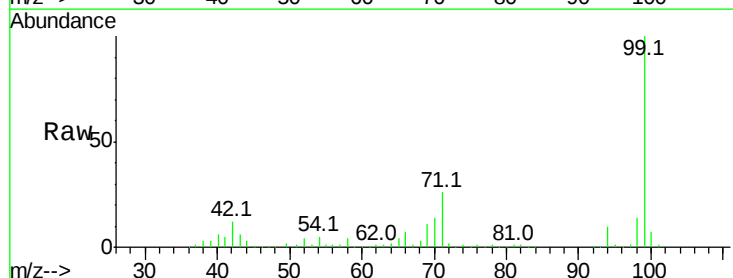
Tgt Ion: 94 Resp: 66383

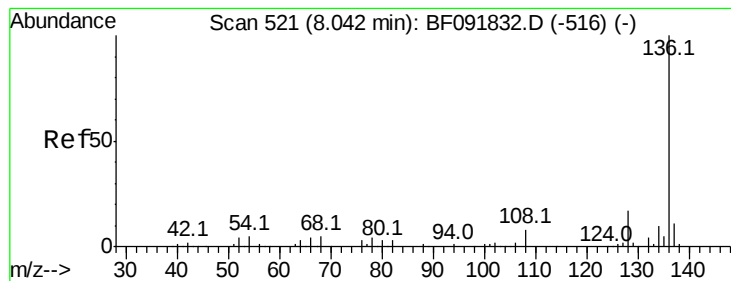
Ion Ratio Lower Upper

94 100

65 38.1 21.4 61.4

66 74.5 44.0 84.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.81 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF092375.D

Acq: 20 Jan 2017 16:19

Instrument :

BNA_F

ClientSampleId :

MH-2-0-12FT-COMP

Tot Ion:136 Resp: 579768

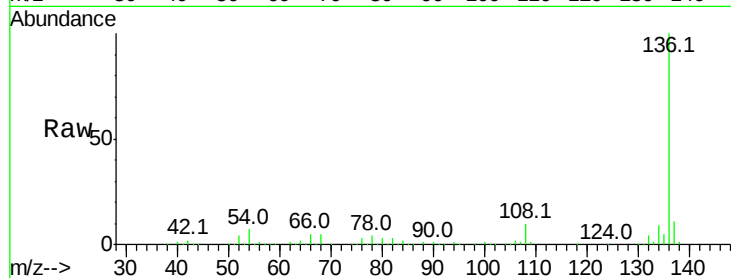
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 6.8 4.5 6.7#

68 5.0 3.6 5.4

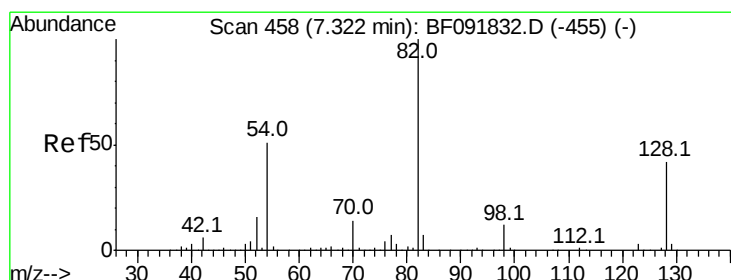
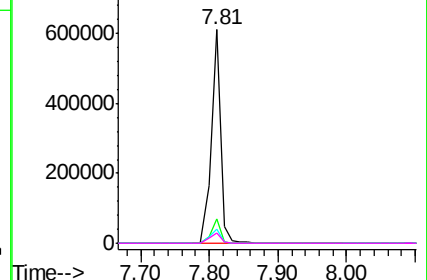
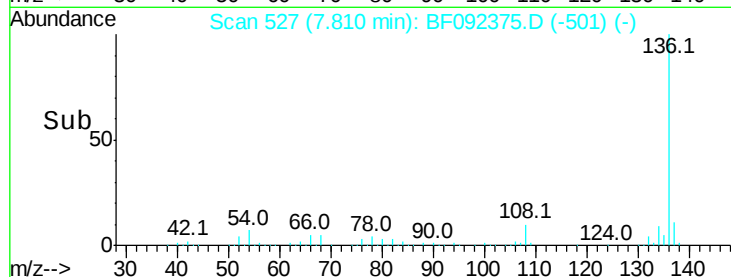


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.95 ng

RT: 7.10 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF092375.D

Acq: 20 Jan 2017 16:19

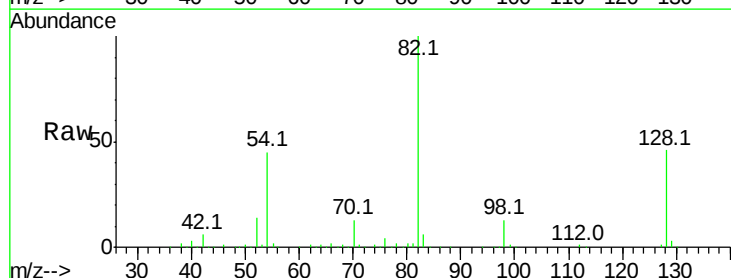
Tgt Ion: 82 Resp: 1031715

Ion Ratio Lower Upper

82 100

128 46.5 34.6 52.0

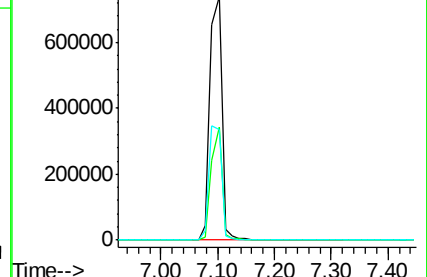
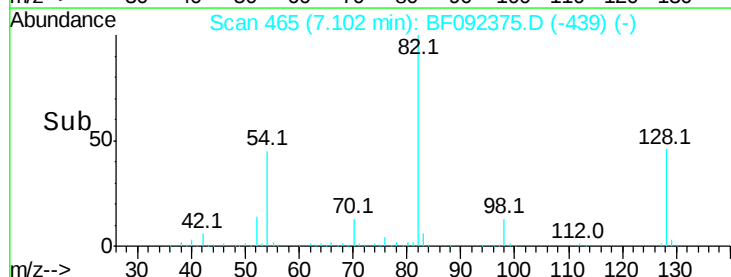
54 45.1 39.5 59.3

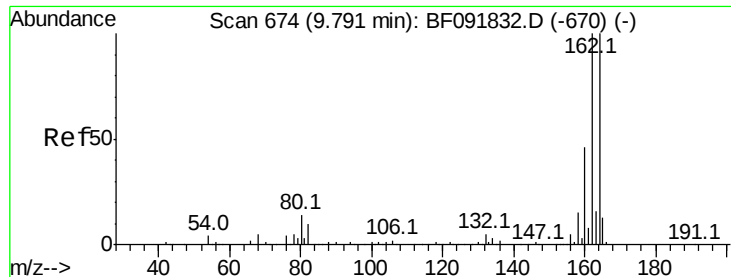


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.56 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF092375.D

Acq: 20 Jan 2017 16:19

Instrument :

BNA_F

ClientSampleId :

MH-2-0-12FT-COMP

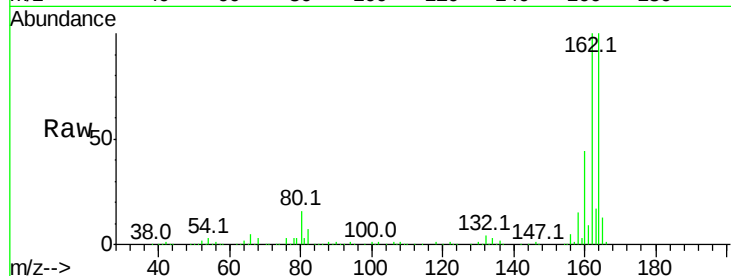
Tot Ion:164 Resp: 451374

Ion Ratio Lower Upper

164 100

162 99.8 80.2 120.2

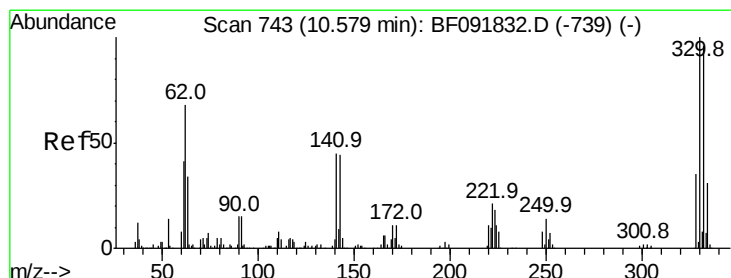
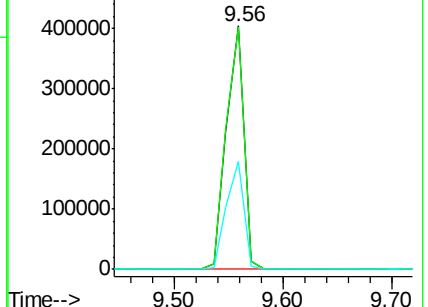
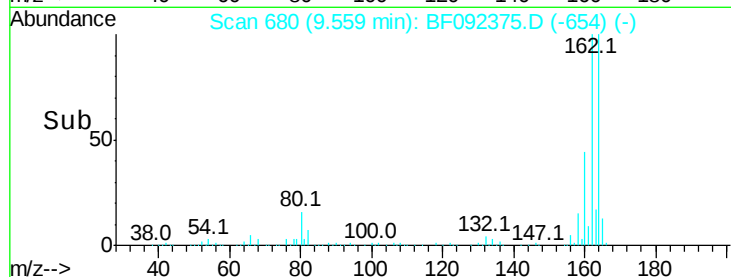
160 44.2 36.9 55.3



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: 112.99 ng

RT: 10.35 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF092375.D

Acq: 20 Jan 2017 16:19

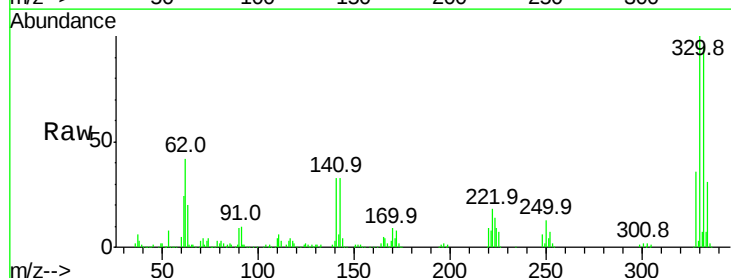
Tgt Ion:330 Resp: 422073

Ion Ratio Lower Upper

330 100

332 94.9 77.4 116.2

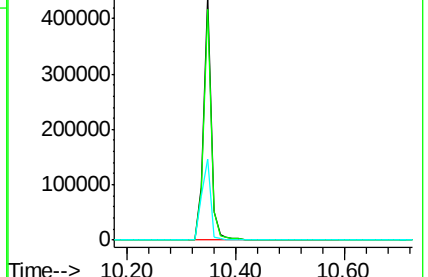
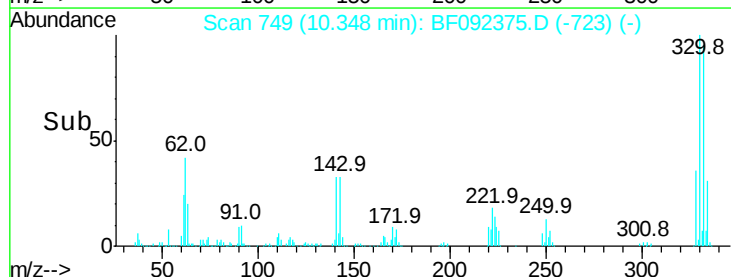
141 39.0 34.1 51.1



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: 101.04 ng

RT: 8.90 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF092375.D

Acq: 20 Jan 2017 16:19

Instrument :

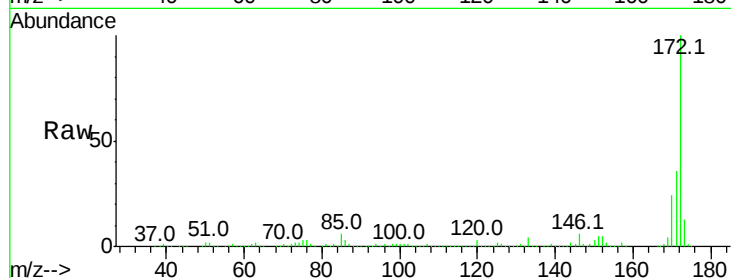
BNA_F

ClientSampleId :

MH-2-0-12FT-COMP

Tot Ion:172 Resp: 2172239

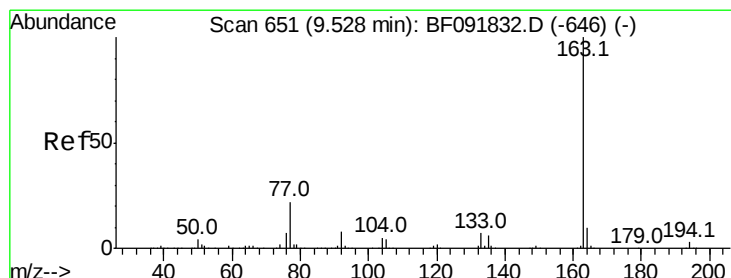
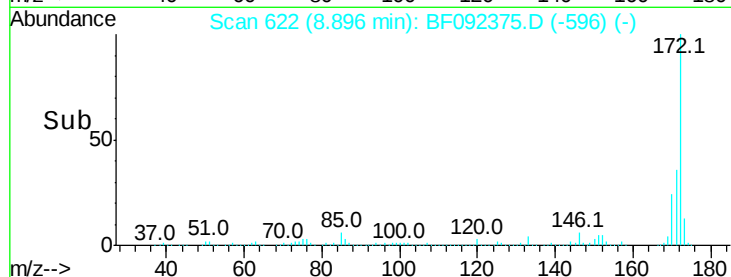
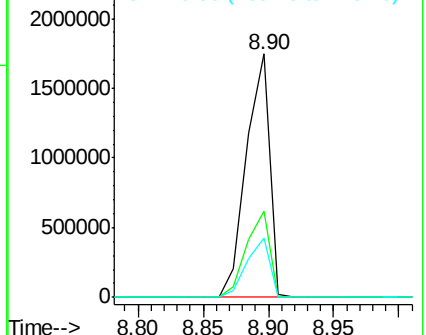
Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.0
170	24.3	20.2	30.4



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



#49

Dimethylphthalate

Concen: 4.34 ng

RT: 9.30 min Scan# 657

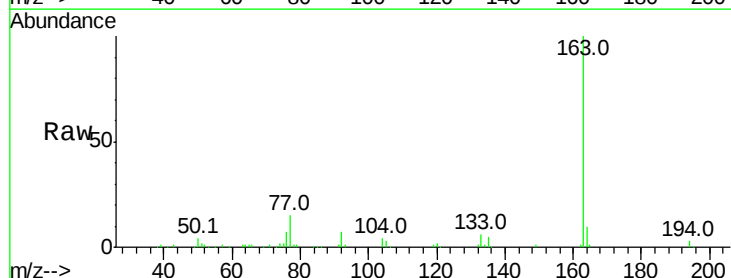
Delta R.T. -0.01 min

Lab File: BF092375.D

Acq: 20 Jan 2017 16:19

Tgt Ion:163 Resp: 125313

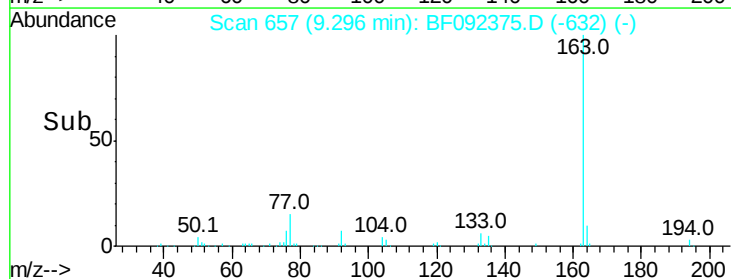
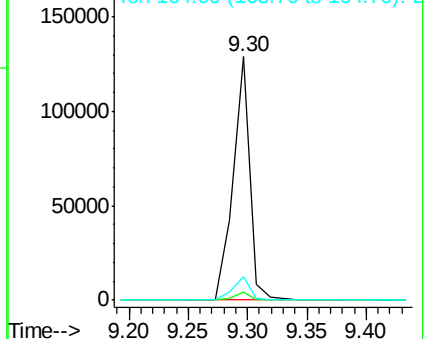
Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.4
164	9.5	8.0	12.0

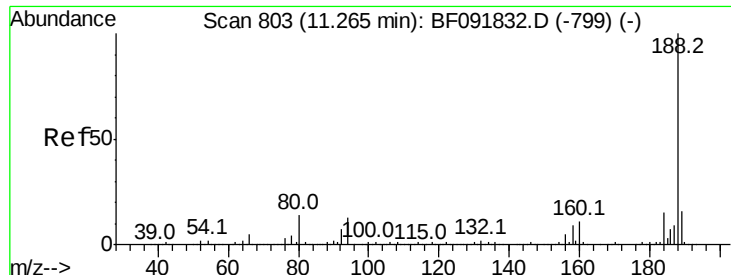


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

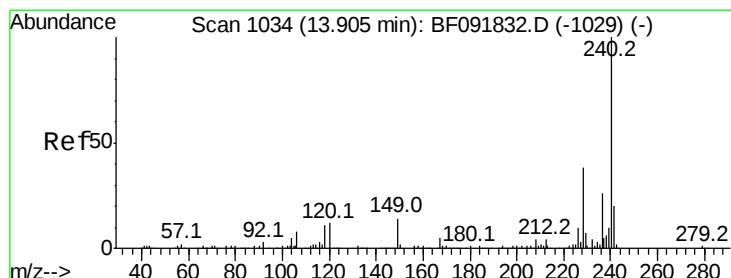
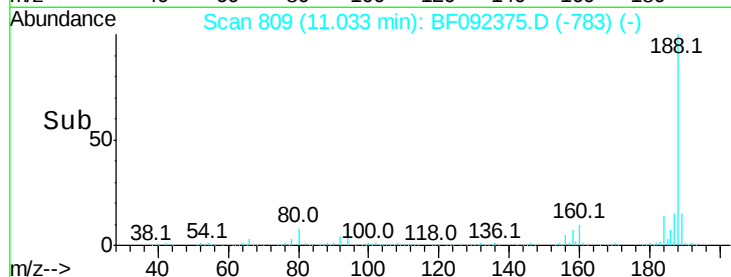
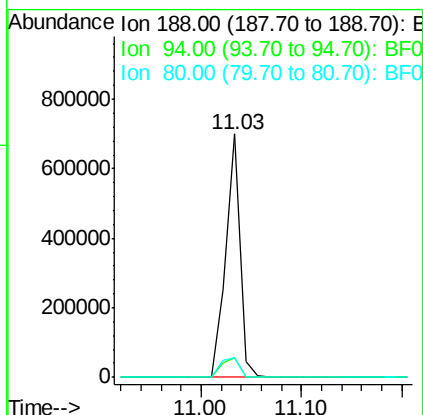
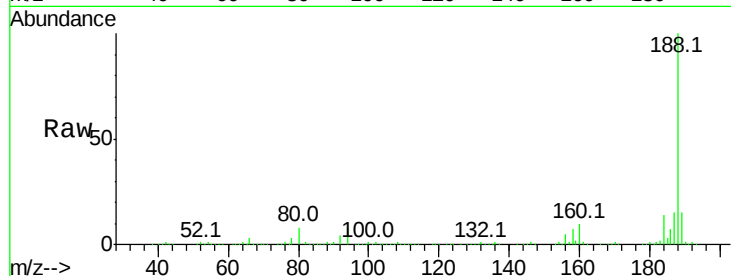




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.03 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF092375.D
 Acq: 20 Jan 2017 16:19

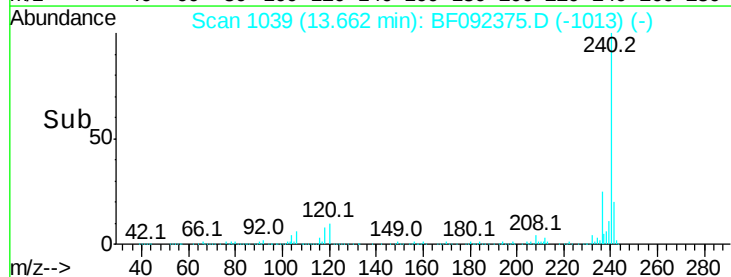
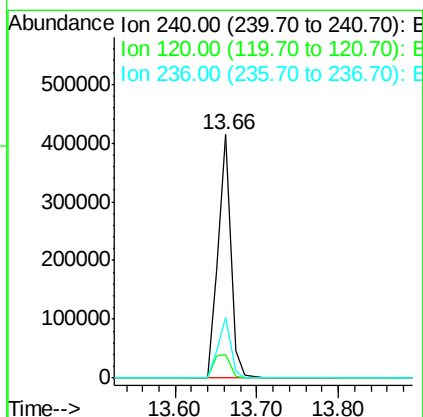
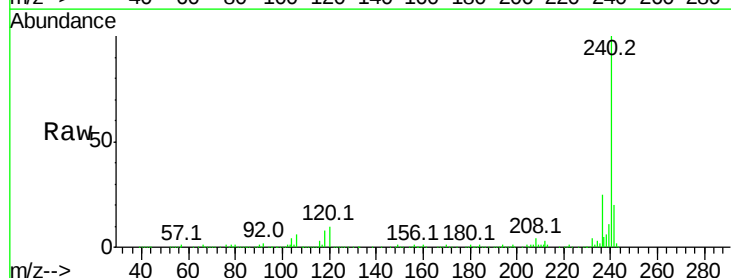
Instrument :
 BNA_F
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 MH-2-0-12FT-COMP

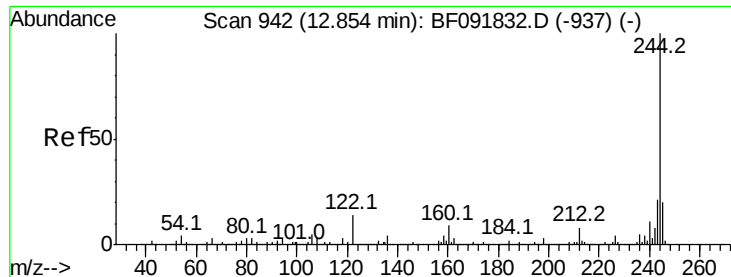
Tot Ion:188 Resp: 694237
 Ion Ratio Lower Upper
 188 100
 94 8.0 10.0 15.0#
 80 8.2 11.2 16.8#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.66 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF092375.D
 Acq: 20 Jan 2017 16:19

Tgt Ion:240 Resp: 450215
 Ion Ratio Lower Upper
 240 100
 120 9.5 12.9 19.3#
 236 25.0 20.9 31.3





#78

Terphenyl-d14

Concen: 88.30 ng

RT: 12.62 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF092375.D

Acq: 20 Jan 2017 16:19

Instrument :

BNA_F

ClientSampleId :

MH-2-0-12FT-COMP

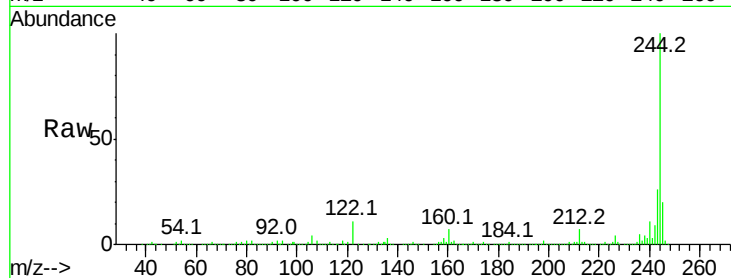
Tot Ion:244 Resp: 1639171

Ion Ratio Lower Upper

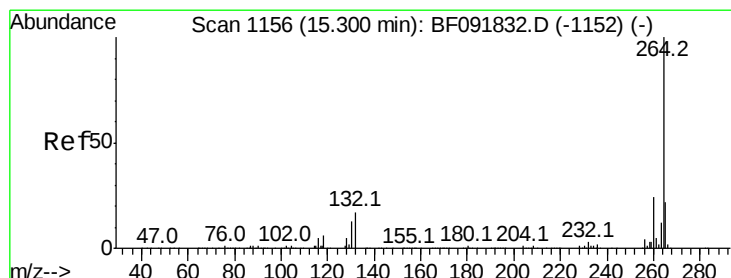
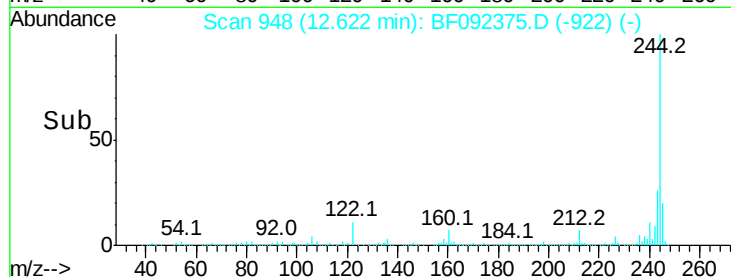
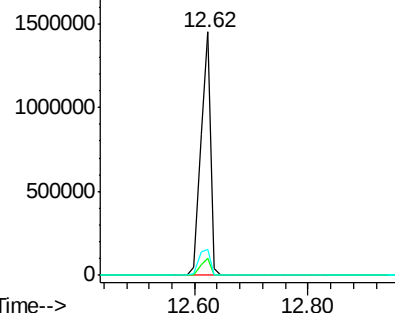
244 100

212 6.8 6.2 9.2

122 10.5 11.4 17.2#



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: 20.00 ng

RT: 15.01 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF092375.D

Acq: 20 Jan 2017 16:19

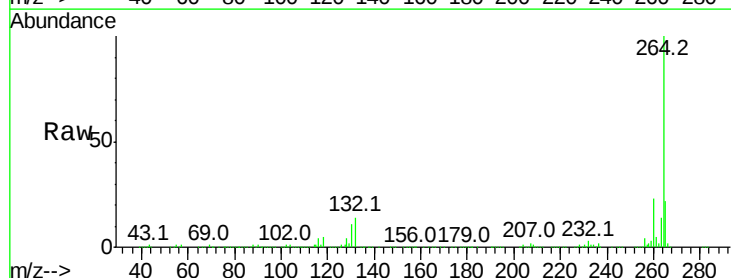
Tgt Ion:264 Resp: 382607

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.6 17.4 26.0



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

