

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 22:14:09 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

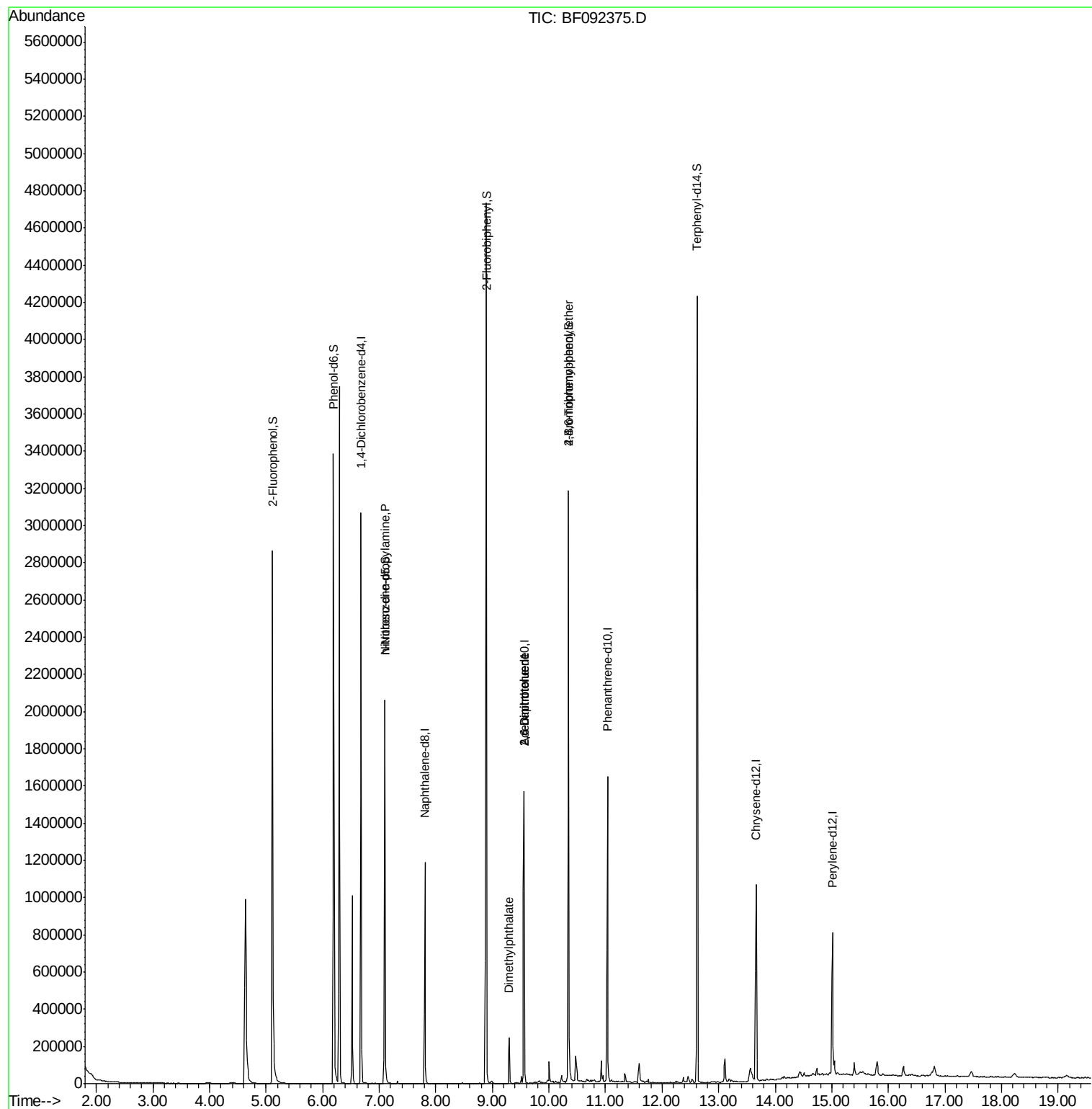
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	544728	20.00	ng	0.04
21) Naphthalene-d8	7.81	136	579768	20.00	ng	-0.12
38) Acenaphthene-d10	9.56	164	451374	20.00	ng	-0.12
63) Phenanthrene-d10	11.03	188	694237	20.00	ng	-0.12
75) Chrysene-d12	13.66	240	450215	20.00	ng	-0.12
86) Perylene-d12	15.01	264	382607	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	1225890	37.58	ng	-0.12
7) Phenol-d6	6.19	99	1518628	38.13	ng	-0.12
23) Nitrobenzene-d5	7.10	82	1031715	98.95	ng	-0.11
41) 2,4,6-Tribromophenol	10.35	330	422073	112.99	ng	-0.12
44) 2-Fluorobiphenyl	8.90	172	2172239	101.04	ng	-0.11
78) Terphenyl-d14	12.62	244	1639171	88.30	ng	-0.12
Target Compounds						
9) Benzaldehyde	6.19	77	2844	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.10	70	135632	5.12 ng	#	73
49) Dimethylphthalate	9.30	163	125313	4.34 ng		99
50) 2,6-Dinitrotoluene	9.56	165	59728	9.45 ng	#	30
56) 2,4-Dinitrotoluene	9.56	165	59728	7.53 ng	#	19
66) 4-Bromophenyl-phenylether	10.35	248	27272	3.78 ng	#	1
71) Anthracene	11.11	178	2077	Below Cal		97
73) Di-n-butylphthalate	11.62	149	2714	Below Cal	#	76
74) Fluoranthene	12.25	202	6159	Below Cal		94
76) Benzydine	12.62	184	22251	Below Cal	#	92

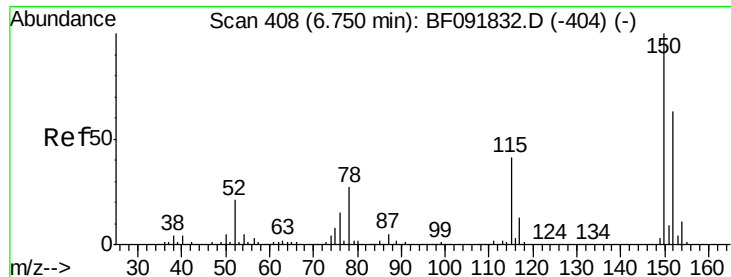
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 428

Delta R.T. 0.04 min

Lab File: BF092375.D

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Instrument :

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ClientSampleId :

MH-2-0-12FT-COMP

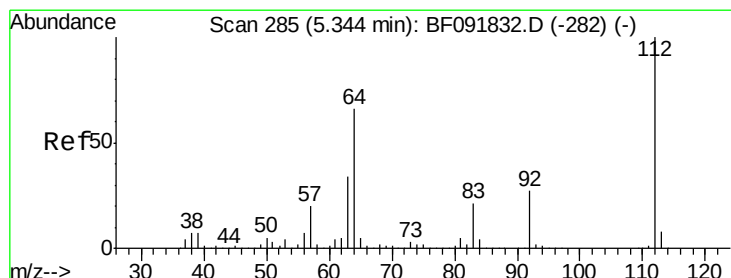
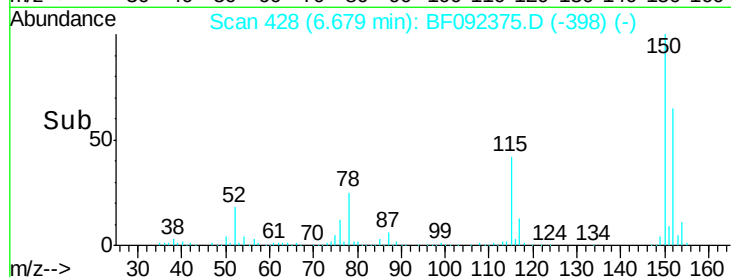
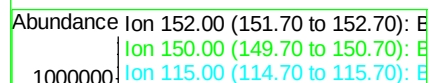
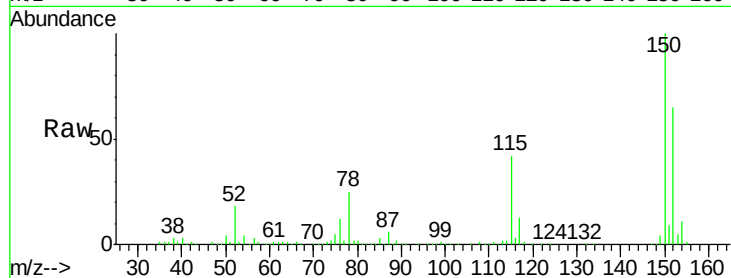
Tgt Ion:152 Resp: 544728

Ion Ratio Lower Upper

152 100

150 154.1 124.9 187.3

115 64.9 46.0 69.0



#5

2-Fluorophenol

Concen: 37.58 ng

RT: 5.11 min Scan# 291

Delta R.T. -0.12 min

Lab File: BF092375.D

Acq: 20 Jan 2017 16:19

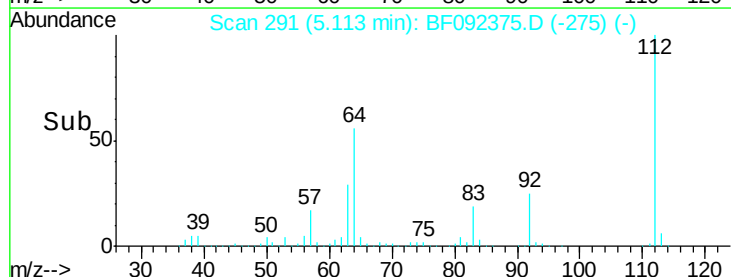
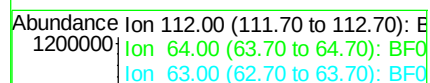
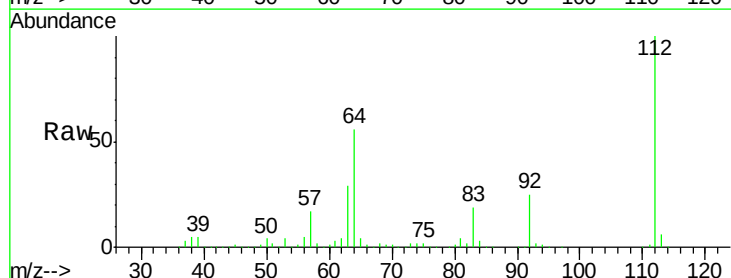
Tgt Ion:112 Resp: 1225890

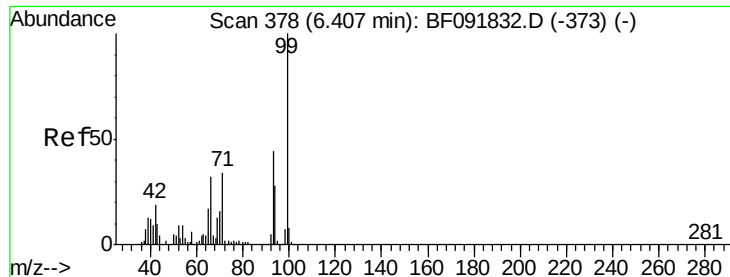
Ion Ratio Lower Upper

112 100

64 55.7 46.1 69.1

63 28.7 23.8 35.6





#7

Phenol-d6

Concen: 38.13 ng

RT: 6.19 min Scan# 385

Delta R.T. -0.12 min

Lab File: BF092375.D

Acq: 20 Jan 2017 16:19

Instrument :

BNA_F

ClientSampleId :

MH-2-0-12FT-COMP

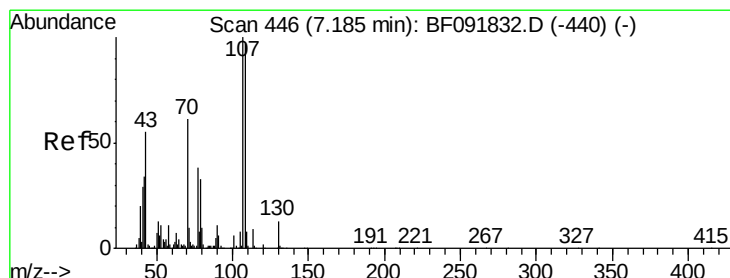
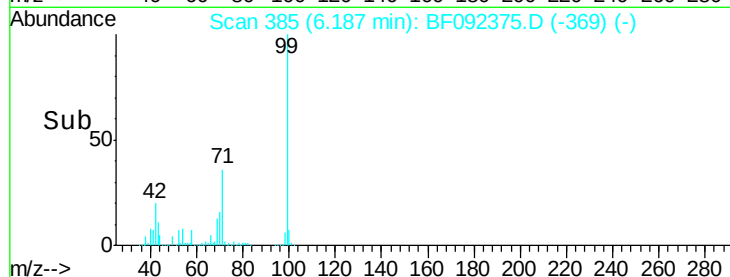
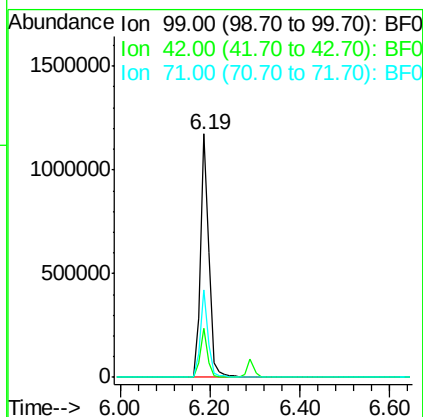
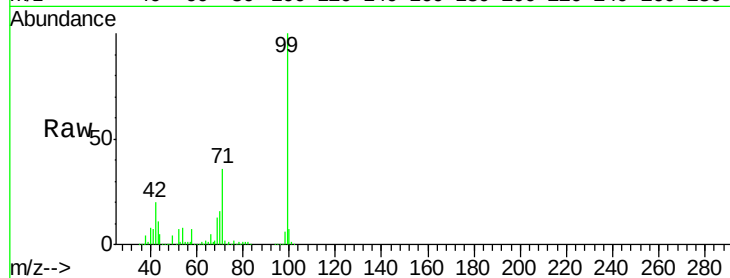
Tgt Ion: 99 Resp: 1518628

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

71 35.7 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 5.12 ng

RT: 7.10 min Scan# 465

Delta R.T. 0.03 min

Lab File: BF092375.D

Acq: 20 Jan 2017 16:19

Tgt Ion: 70 Resp: 135632

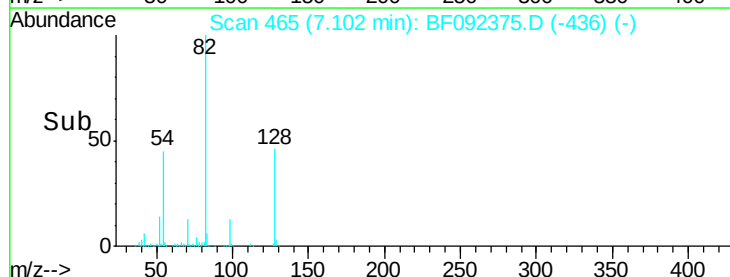
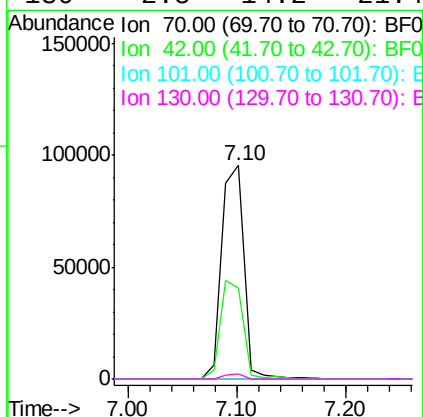
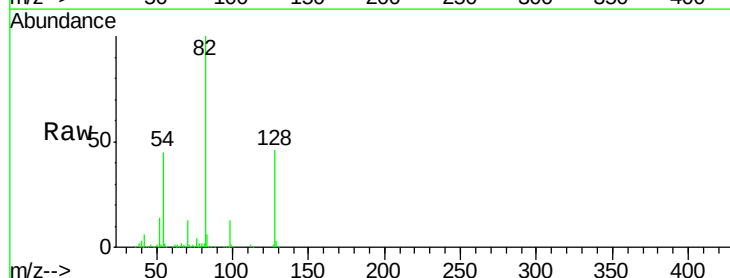
Ion Ratio Lower Upper

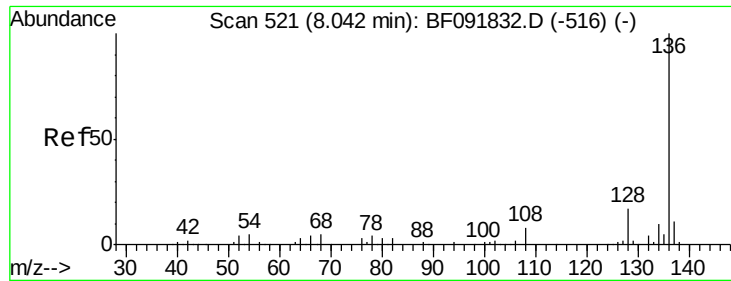
70 100

42 42.7 49.4 74.0#

101 0.0 7.4 11.2#

130 2.5 14.2 21.4#

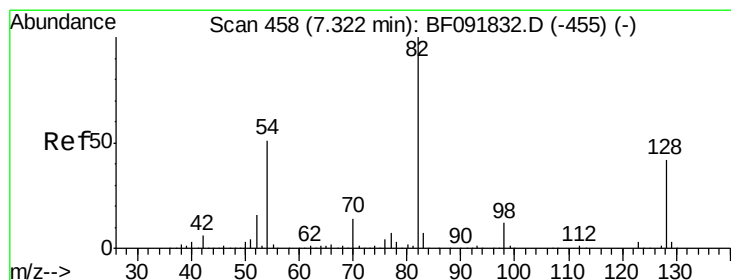
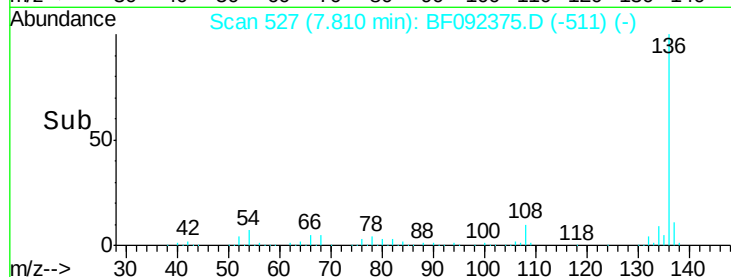
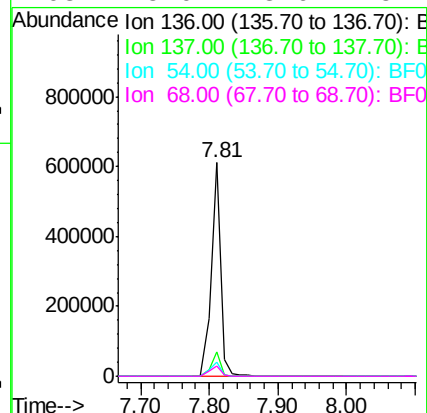
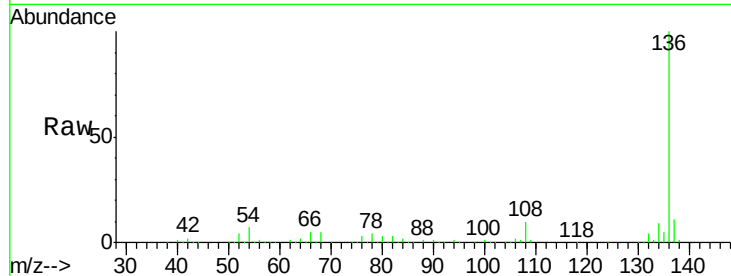




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 527
Delta R.T. -0.12 min
Lab File: BF092375.D
Acq: 20 Jan 2017 16:19

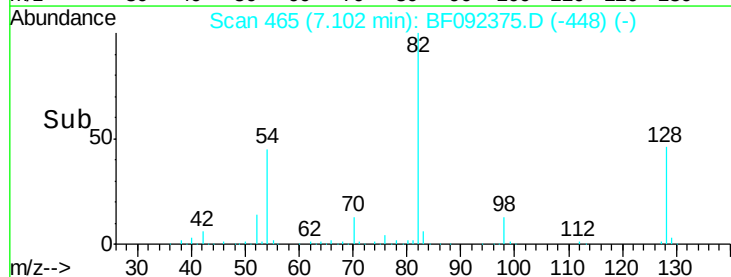
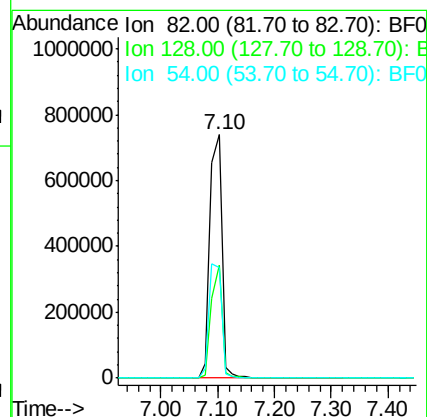
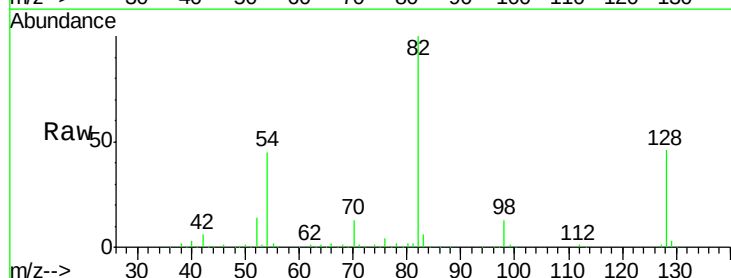
Instrument :
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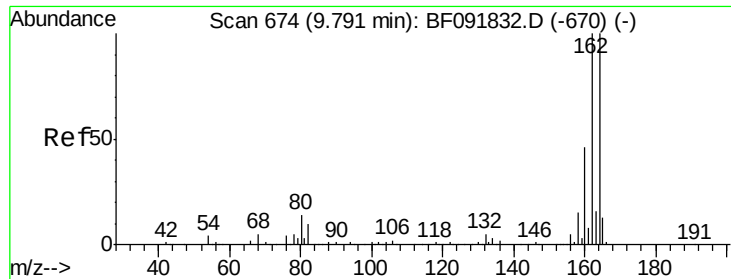
Tgt Ion:	136	Resp:	579768
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	6.8	4.5	6.7#
68	5.0	3.6	5.4



#23
Nitrobenzene-d5
Concen: 98.95 ng
RT: 7.10 min Scan# 465
Delta R.T. -0.11 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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.56 min Scan# 680

Delta R.T. -0.12 min

Lab File: BF092375.D

Acq: 20 Jan 2017 16:19

Instrument :

BNA_F

ClientSampleId :

MH-2-0-12FT-COMP

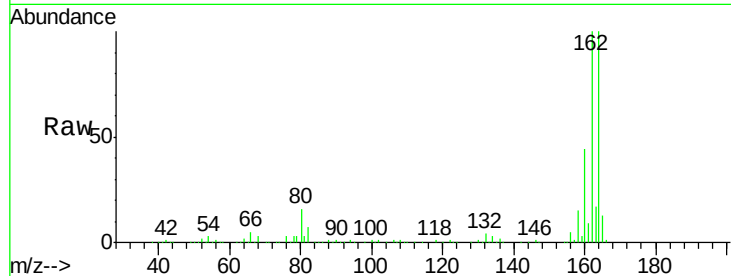
Tgt Ion:164 Resp: 451374

Ion Ratio Lower Upper

164 100

162 99.8 80.2 120.2

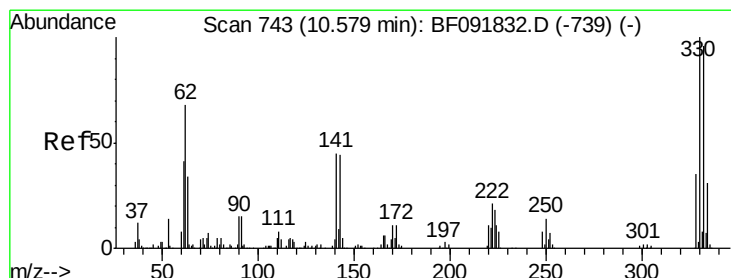
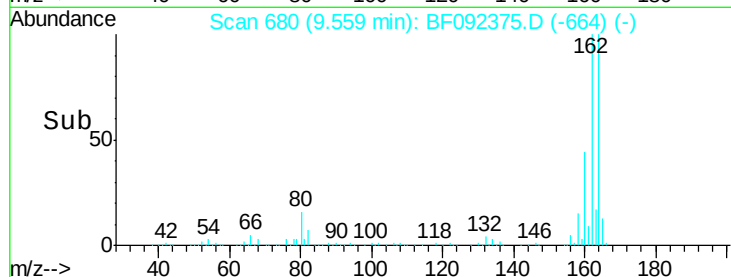
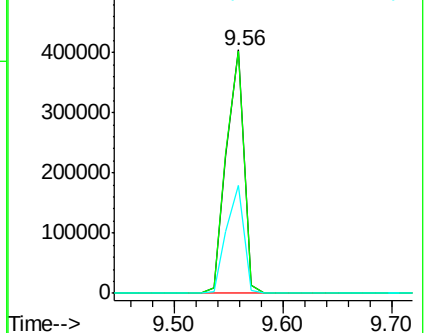
160 44.2 36.9 55.3



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. -0.12 min

Lab File: BF092375.D

Acq: 20 Jan 2017 16:19

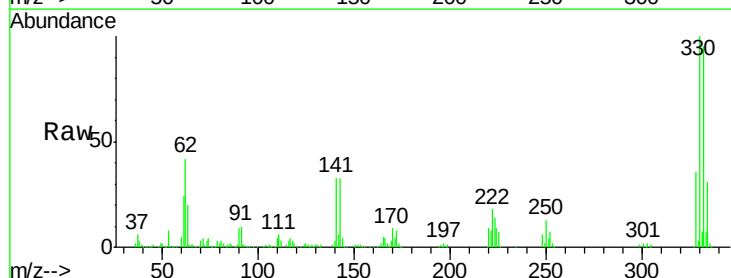
Tgt Ion:330 Resp: 422073

Ion Ratio Lower Upper

330 100

332 94.9 77.4 116.2

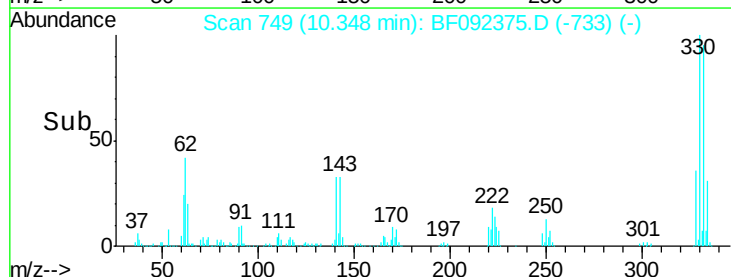
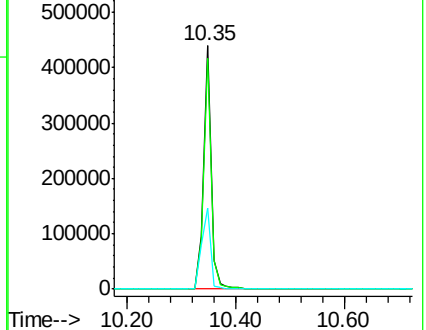
141 39.0 34.1 51.1

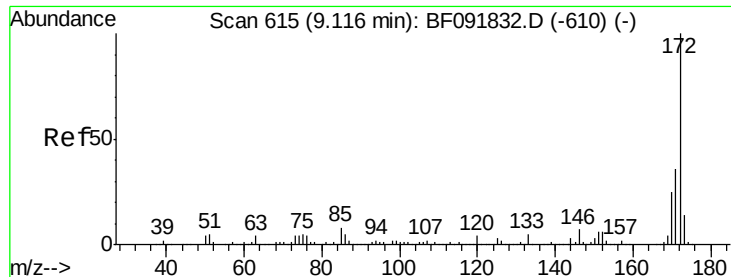


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

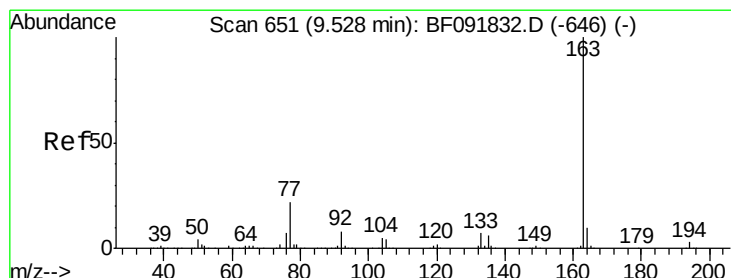
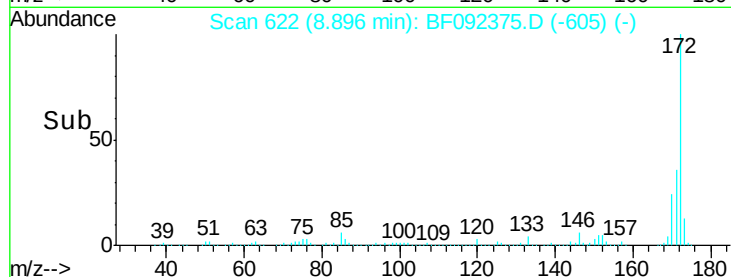
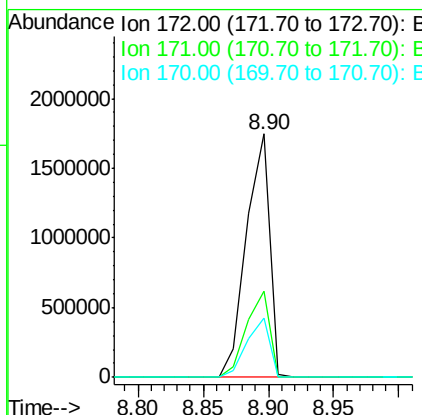
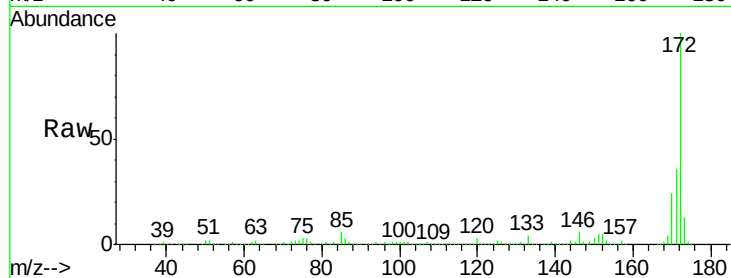




#44
 2-Fluorobiphenyl
 Concen: 101.04 ng
 RT: 8.90 min Scan# 622
 Delta R.T. -0.11 min
 Lab File: BF092375.D
 Acq: 20 Jan 2017 16:19

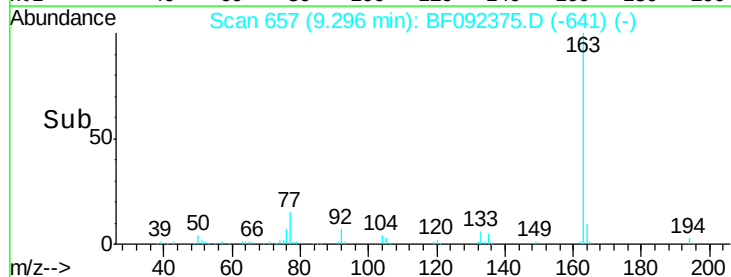
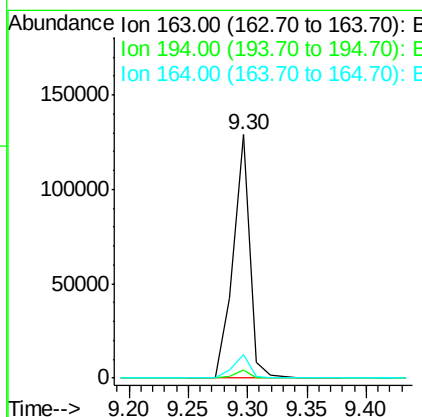
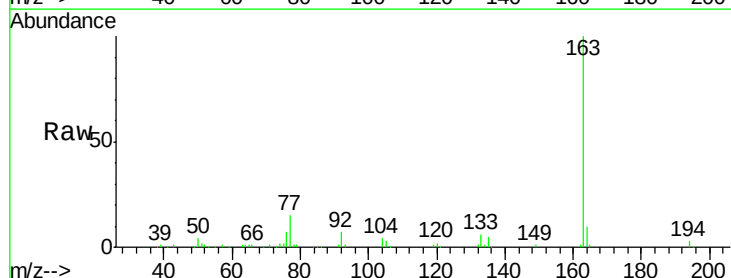
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 MH-2-0-12FT-COMP

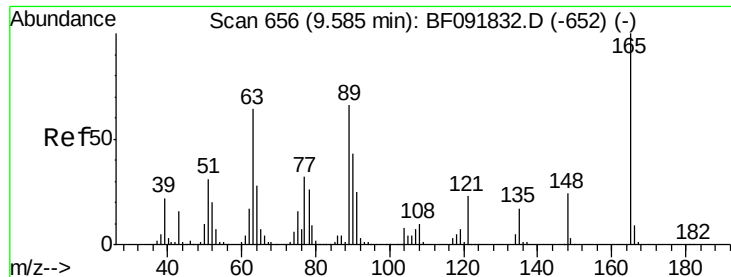
Tgt Ion:172 Resp: 2172239
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.0
 170 24.3 20.2 30.4



#49
 Dimethylphthalate
 Concen: 4.34 ng
 RT: 9.30 min Scan# 657
 Delta R.T. -0.12 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





#50

2,6-Dinitrotoluene

Concen: 9.45 ng

RT: 9.56 min Scan# 680

Delta R.T. 0.08 min

Lab File: BF092375.D

Acq: 20 Jan 2017 16:19

Instrument :

BNA_F

ClientSampleId :

MH-2-0-12FT-COMP

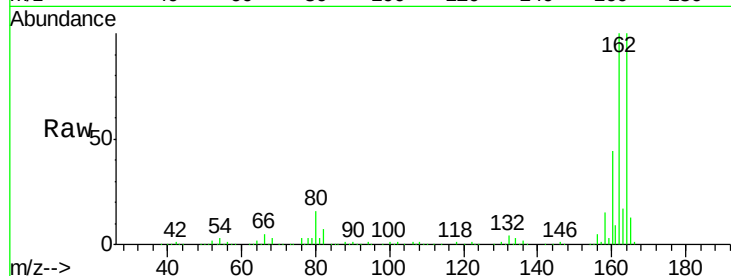
Tgt Ion:165 Resp: 59728

Ion Ratio Lower Upper

165 100

63 0.6 36.2 54.4#

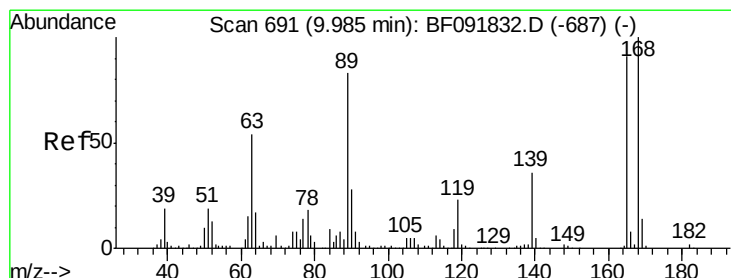
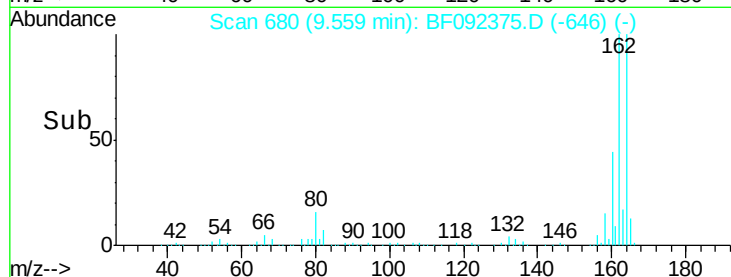
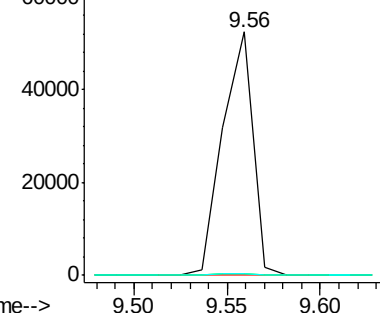
89 0.8 40.2 60.4#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56

2,4-Dinitrotoluene

Concen: 7.53 ng

RT: 9.56 min Scan# 680

Delta R.T. -0.33 min

Lab File: BF092375.D

Acq: 20 Jan 2017 16:19

Tgt Ion:165 Resp: 59728

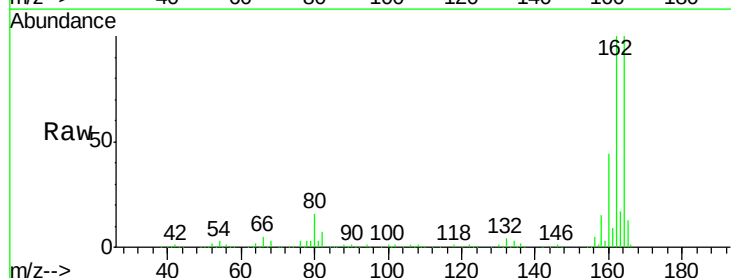
Ion Ratio Lower Upper

165 100

63 0.6 40.2 60.4#

89 0.8 62.5 93.7#

182 0.0 1.8 2.8#

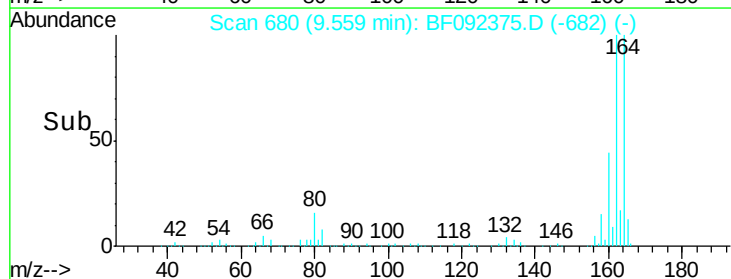
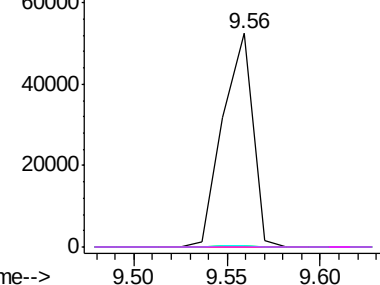


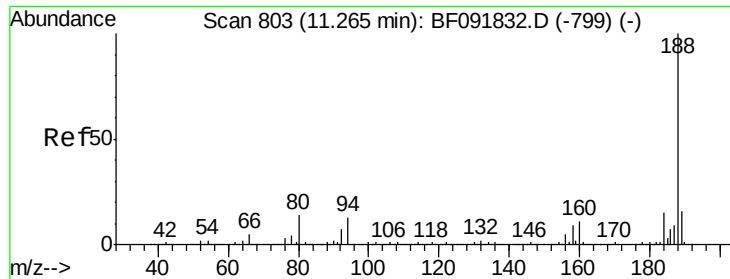
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

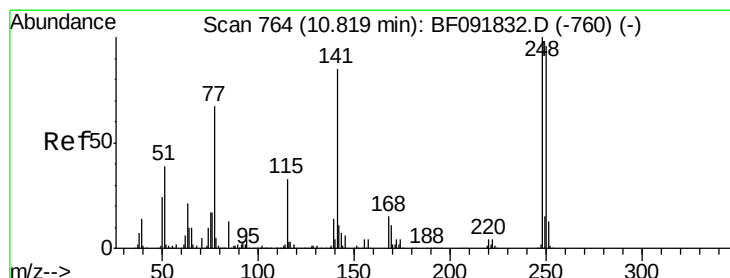
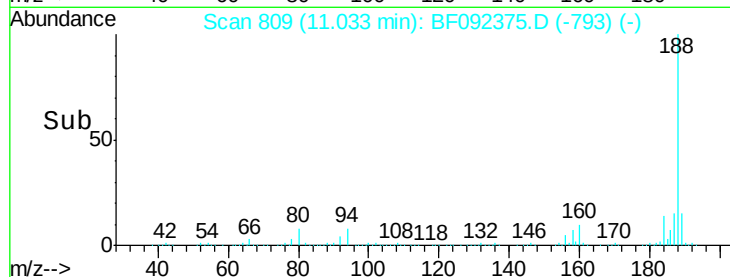
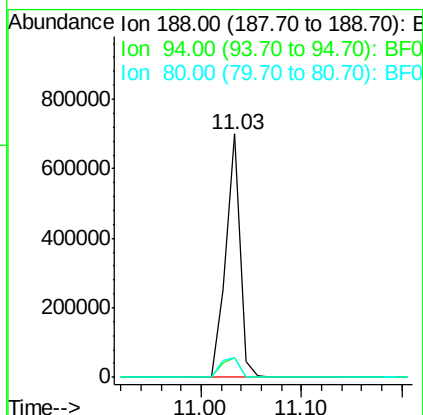
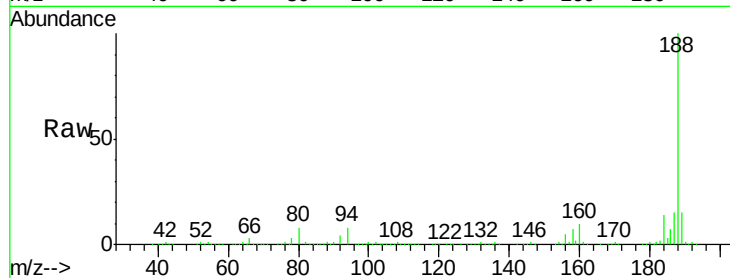




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 809
Delta R.T. -0.12 min
Lab File: BF092375.D
Acq: 20 Jan 2017 16:19

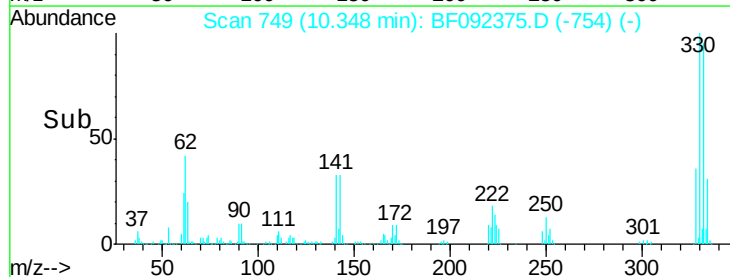
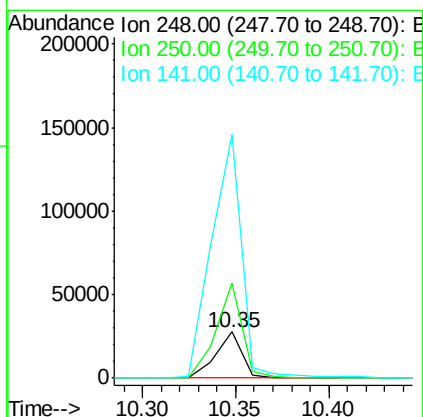
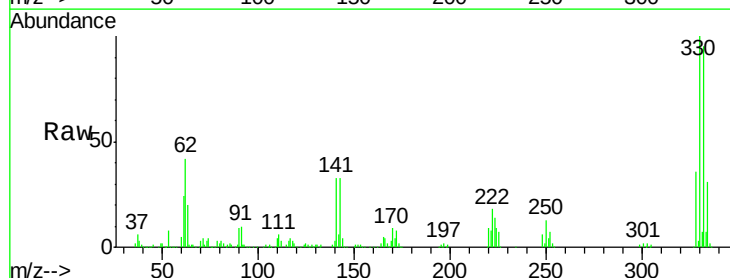
Instrument :
BNA_F
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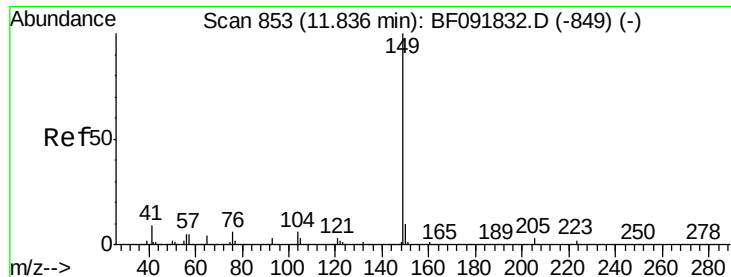
Tgt Ion:188 Resp: 694237
Ion Ratio Lower Upper
188 100
94 8.0 10.0 15.0#
80 8.2 11.2 16.8#



#66
4-Bromophenyl-phenylether
Concen: 3.78 ng
RT: 10.35 min Scan# 749
Delta R.T. -0.36 min
Lab File: BF092375.D
Acq: 20 Jan 2017 16:19

Tgt Ion:248 Resp: 27272
Ion Ratio Lower Upper
248 100
250 206.3 76.9 115.3#
141 526.3 68.2 102.4#





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.62 min Scan# 860

Delta R.T. -0.11 min

Lab File: BF092375.D

Acq: 20 Jan 2017 16:19

Instrument :

BNA_F

ClientSampleId :

MH-2-0-12FT-COMP

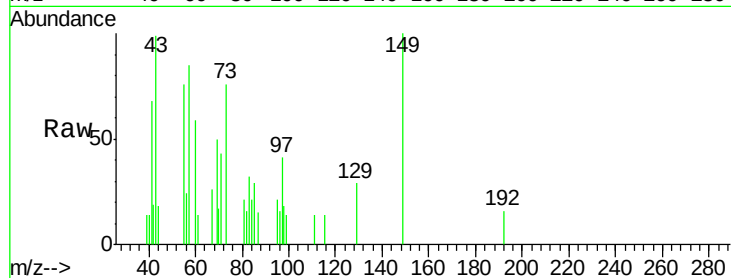
Tgt Ion:149 Resp: 2714

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

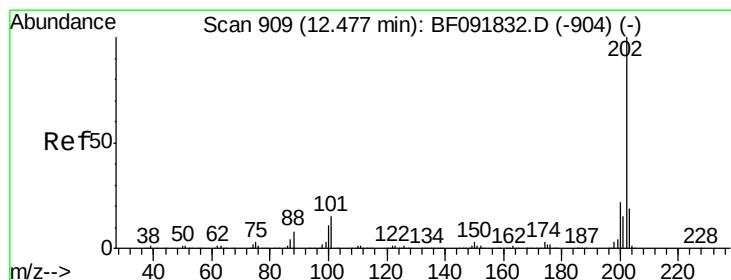
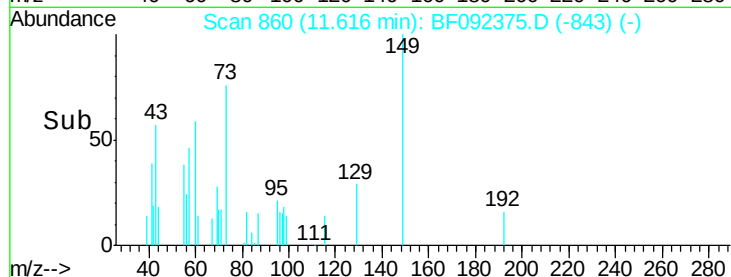
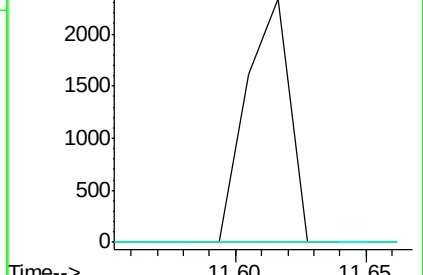
104 0.0 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: Below Cal

RT: 12.25 min Scan# 915

Delta R.T. -0.12 min

Lab File: BF092375.D

Acq: 20 Jan 2017 16:19

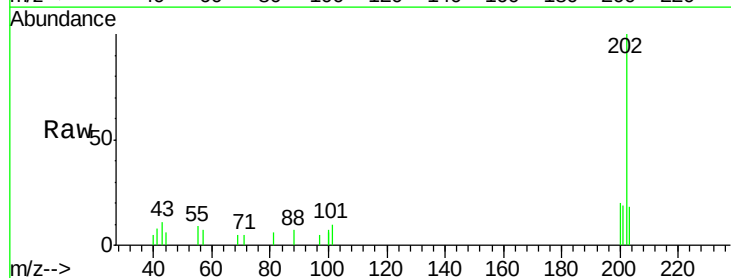
Tgt Ion:202 Resp: 6159

Ion Ratio Lower Upper

202 100

101 10.1 0.0 34.6

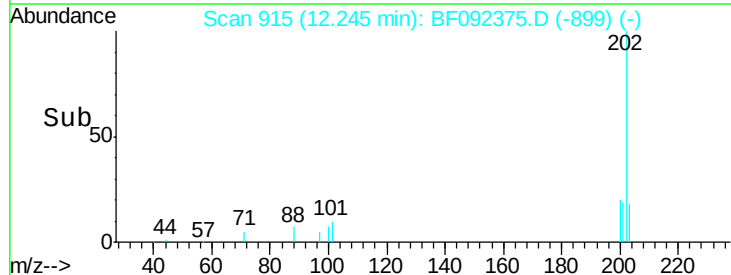
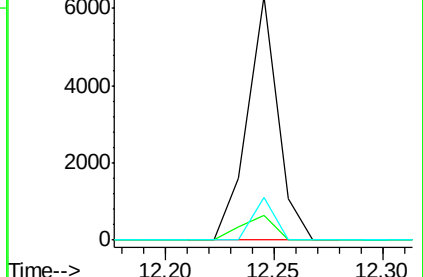
203 17.7 0.0 38.7

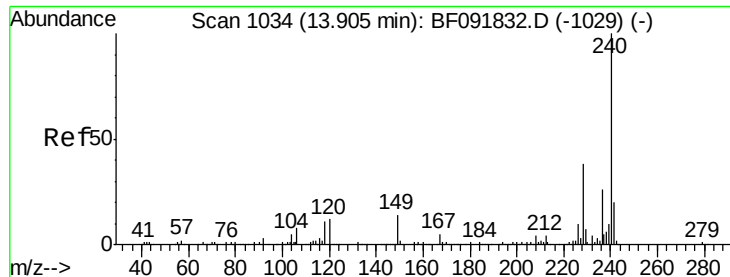


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.66 min Scan# 1039

Delta R.T. -0.12 min

Lab File: BF092375.D

Acq: 20 Jan 2017 16:19

Instrument :

BNA_F

ClientSampleId :

MH-2-0-12FT-COMP

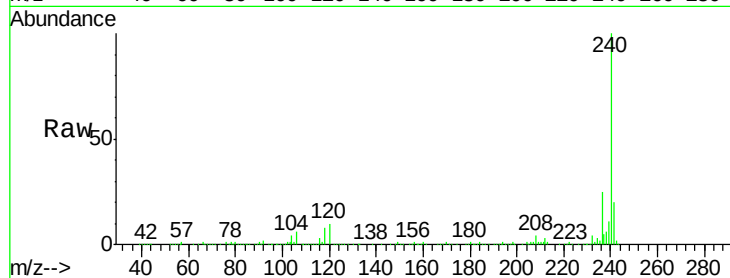
Tgt Ion:240 Resp: 450215

Ion Ratio Lower Upper

240 100

120 9.5 12.9 19.3#

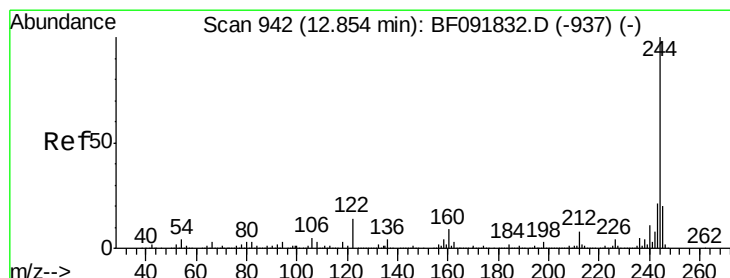
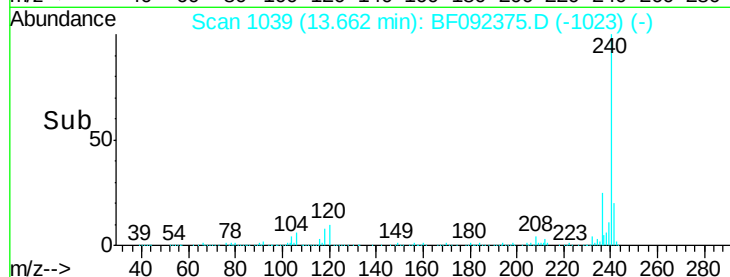
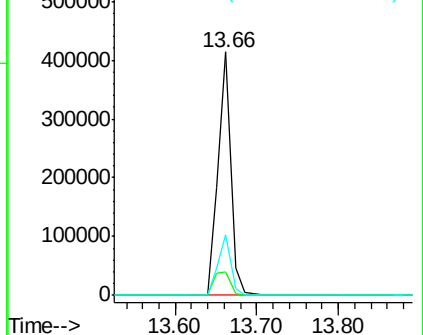
236 25.0 20.9 31.3



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: 88.30 ng

RT: 12.62 min Scan# 948

Delta R.T. -0.12 min

Lab File: BF092375.D

Acq: 20 Jan 2017 16:19

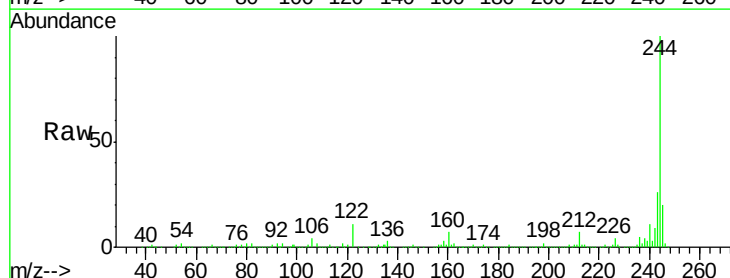
Tgt Ion:244 Resp: 1639171

Ion Ratio Lower Upper

244 100

212 6.8 6.2 9.2

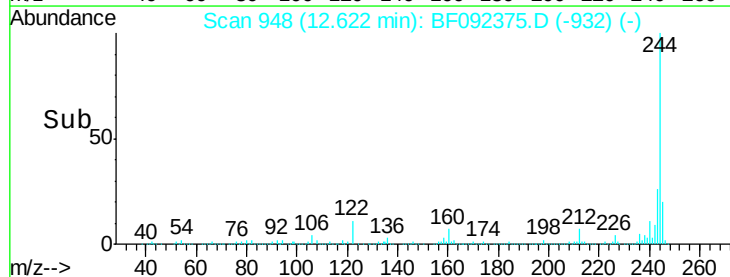
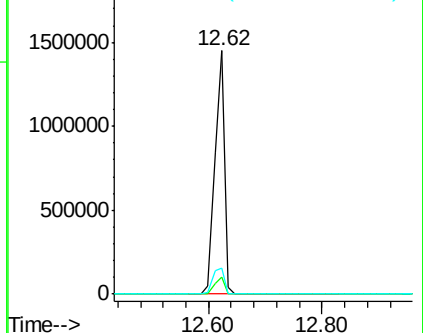
122 10.5 11.4 17.2#

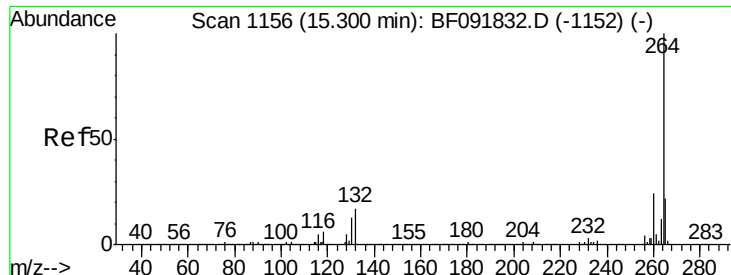


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.13 min
Lab File: BF092375.D
Acq: 20 Jan 2017 16:19

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.6	17.4	26.0

