

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012017\
 Data File : BF092385.D
 Acq On : 20 Jan 2017 21:08
 Operator : UM/SJ
 Sample : I1265-08 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-5

Quant Time: Jan 20 22:18:21 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

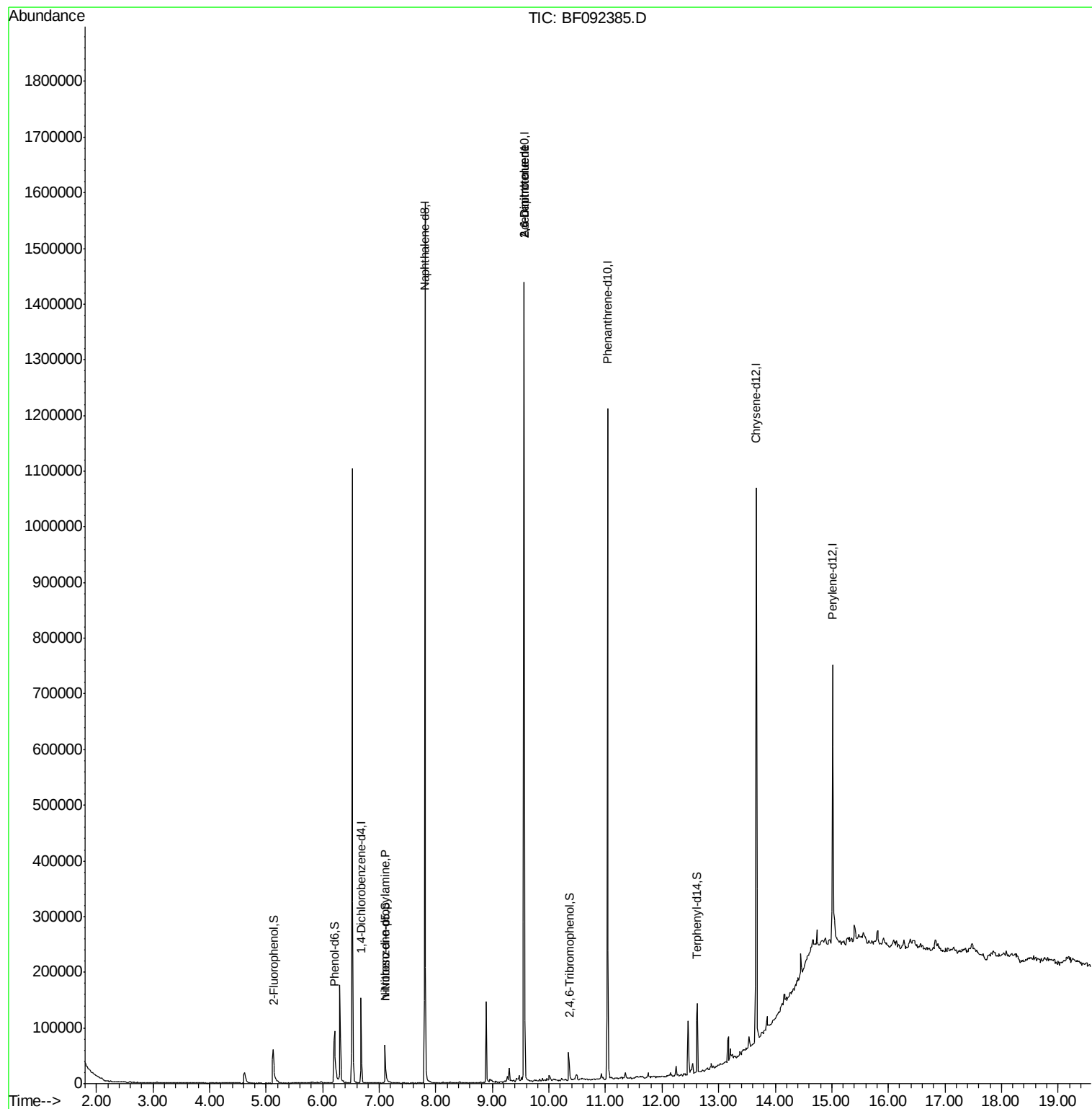
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	27280	20.00	ng	0.04
21) Naphthalene-d8	7.81	136	698731	20.00	ng	-0.12
38) Acenaphthene-d10	9.56	164	306693	20.00	ng	-0.12
63) Phenanthrene-d10	11.03	188	436485	20.00	ng	-0.12
75) Chrysene-d12	13.66	240	345002	20.00	ng	-0.12
86) Perylene-d12	15.01	264	242863	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	42585	26.07	ng	-0.11
7) Phenol-d6	6.21	99	73870	37.03	ng	-0.10
23) Nitrobenzene-d5	7.10	82	32652	2.60	ng	-0.11
41) 2,4,6-Tribromophenol	10.36	330	8623	3.40	ng	-0.11
44) 2-Fluorobiphenyl	8.90	172	68839	-9.79	ng	-0.11
78) Terphenyl-d14	12.62	244	52345	3.68	ng	-0.12
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.10	70	3941	2.97	ng	# 76
37) 2-Methylnaphthalene	8.53	142	551	Below	Cal	# 64
50) 2,6-Dinitrotoluene	9.56	165	39499	9.20	ng	# 30
56) 2,4-Dinitrotoluene	9.56	165	39501	7.33	ng	# 19
71) Anthracene	11.11	178	1541	Below	Cal	# 59
73) Di-n-butylphthalate	11.62	149	996	Below	Cal	# 76
74) Fluoranthene	12.25	202	7549	Below	Cal	# 97
76) Benzidine	12.62	184	720	Below	Cal	# 65

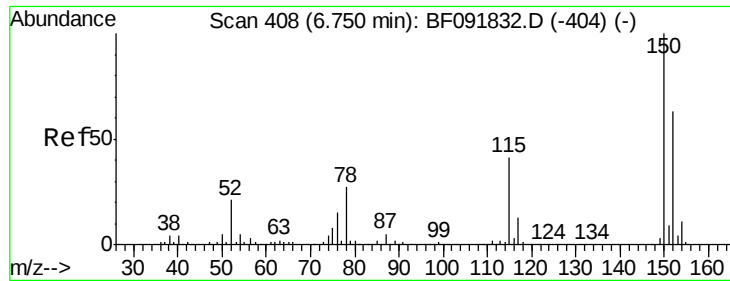
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092385.D

Acq: 20 Jan 2017 21:08

Instrument :

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ClientSampleId :

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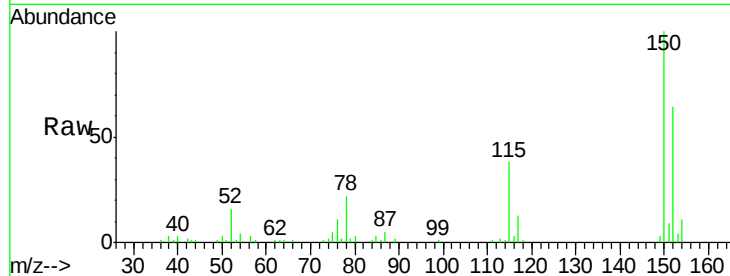
Tgt Ion:152 Resp: 27280

Ion Ratio Lower Upper

152 100

150 157.3 124.9 187.3

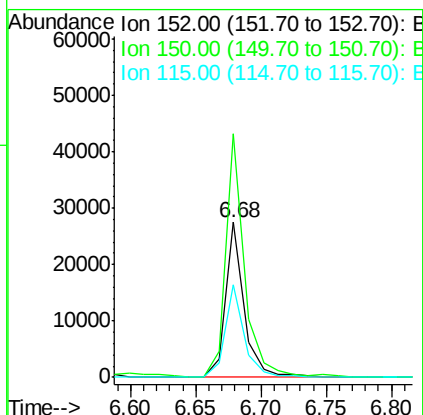
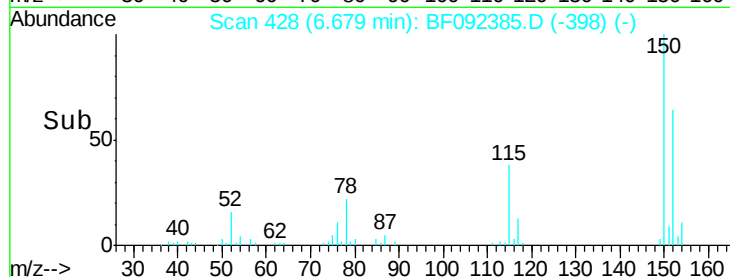
115 59.7 46.0 69.0



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: 26.07 ng

RT: 5.12 min Scan# 292

Delta R.T. -0.11 min

Lab File: BF092385.D

Acq: 20 Jan 2017 21:08

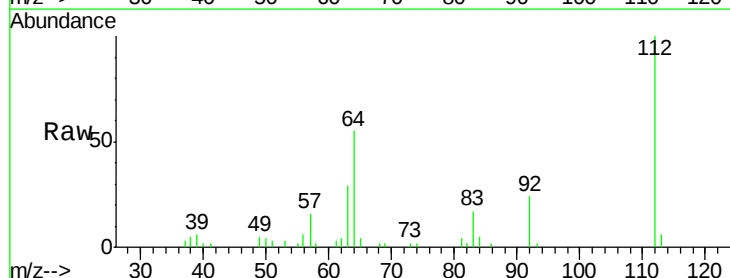
Tgt Ion:112 Resp: 42585

Ion Ratio Lower Upper

112 100

64 55.3 46.1 69.1

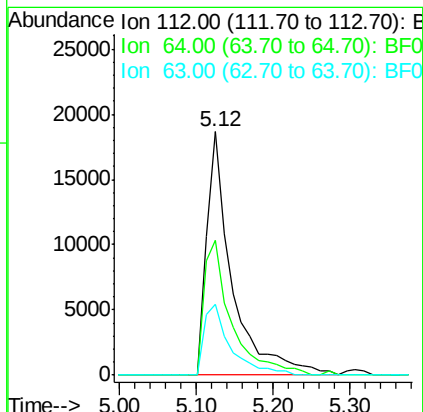
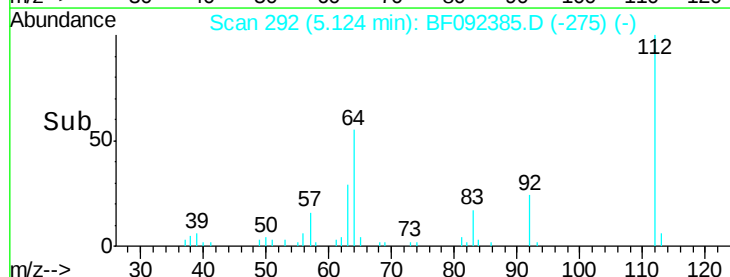
63 29.2 23.8 35.6



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: 37.03 ng

RT: 6.21 min Scan# 387

Delta R.T. -0.10 min

Lab File: BF092385.D

Acq: 20 Jan 2017 21:08

Instrument :

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ClientSampleId :

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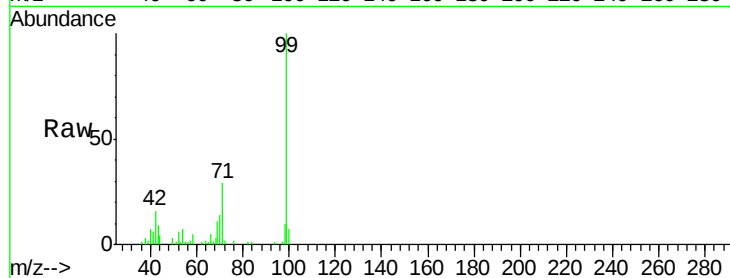
Tgt Ion: 99 Resp: 73870

Ion Ratio Lower Upper

99 100

42 16.0 15.6 23.4

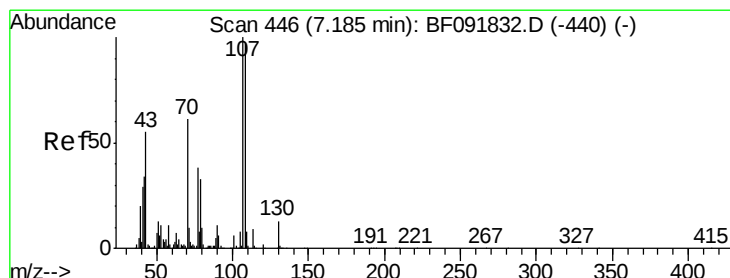
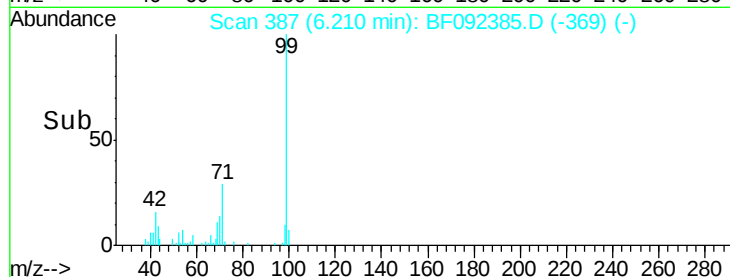
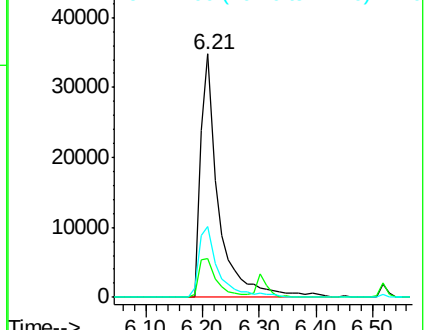
71 29.3 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 2.97 ng

RT: 7.10 min Scan# 465

Delta R.T. 0.03 min

Lab File: BF092385.D

Acq: 20 Jan 2017 21:08

Tgt Ion: 70 Resp: 3941

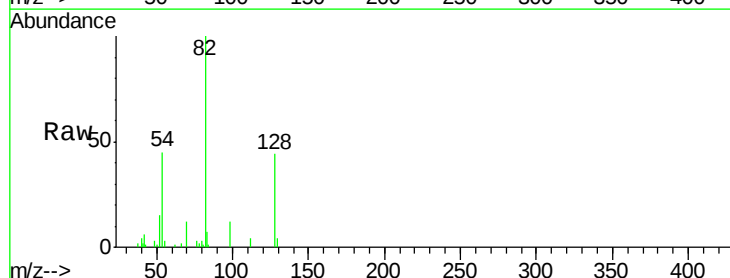
Ion Ratio Lower Upper

70 100

42 47.2 49.4 74.0#

101 0.0 7.4 11.2#

130 0.0 14.2 21.4#

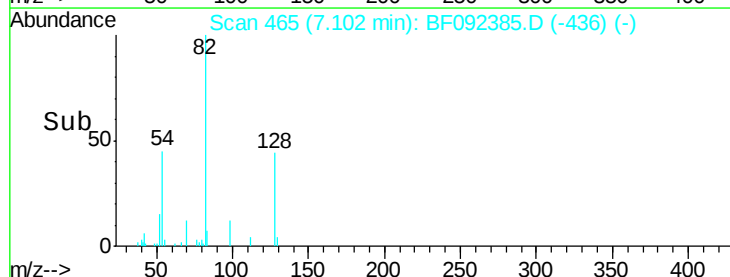
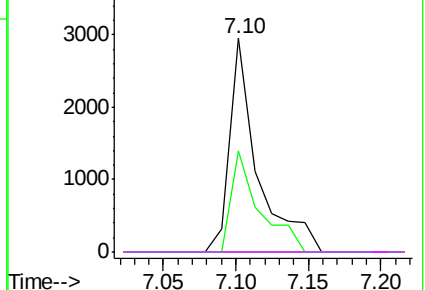


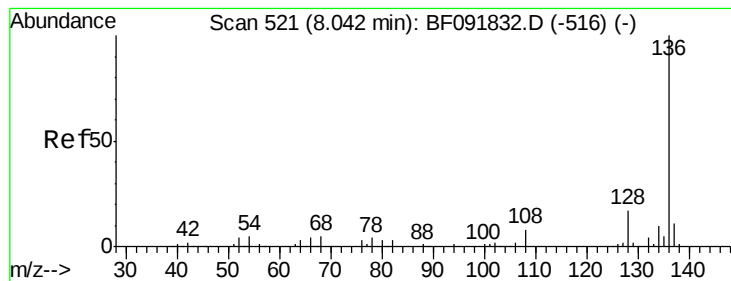
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

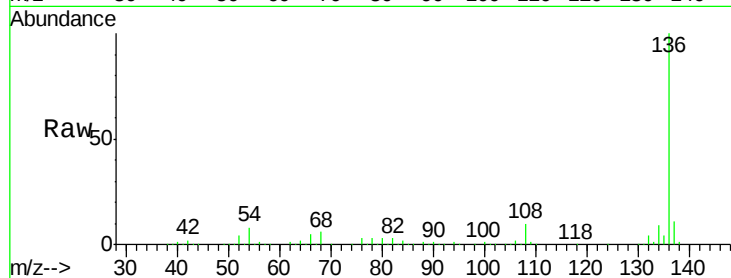




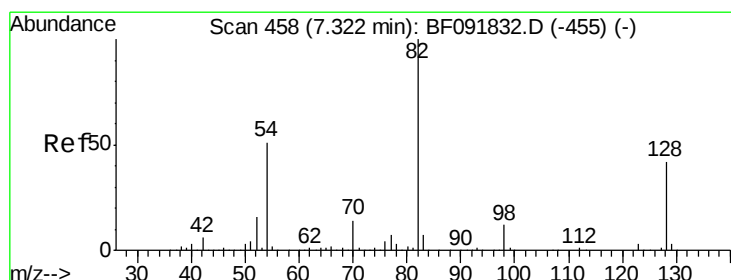
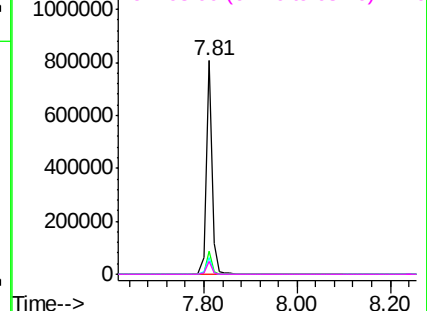
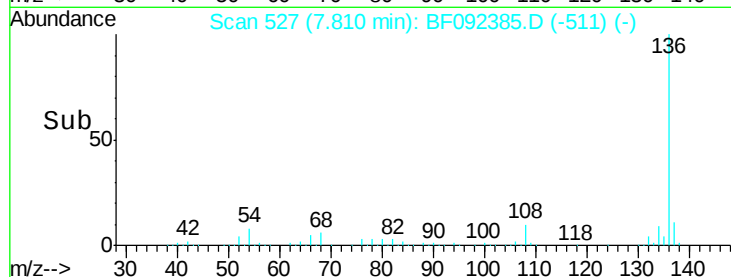
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 527
Delta R.T. -0.12 min
Lab File: BF092385.D
Acq: 20 Jan 2017 21:08

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 136 Resp: 698731
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.5 4.5 6.7#
68 6.2 3.6 5.4#

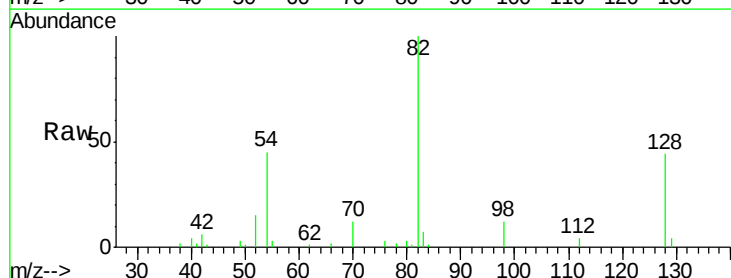


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

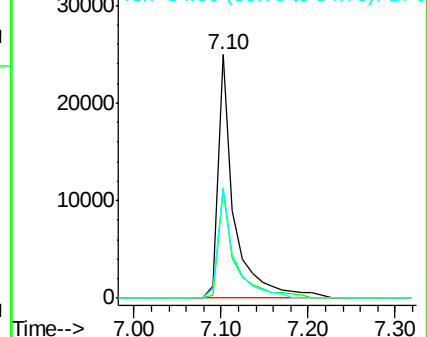
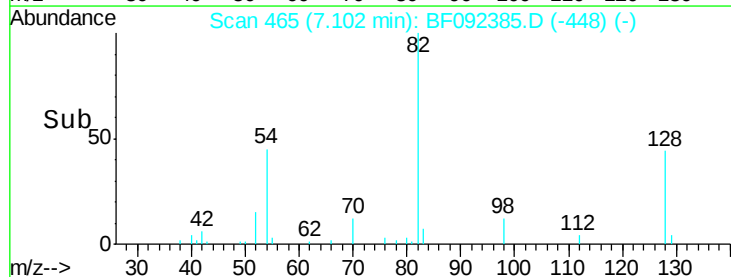


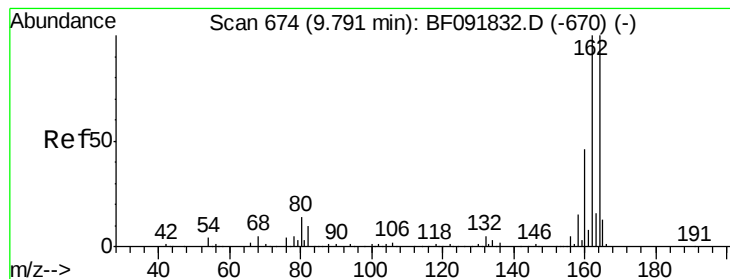
#23
Nitrobenzene-d5
Concen: 2.60 ng
RT: 7.10 min Scan# 465
Delta R.T. -0.11 min
Lab File: BF092385.D
Acq: 20 Jan 2017 21:08

Tgt Ion: 82 Resp: 32652
Ion Ratio Lower Upper
82 100
128 44.4 34.6 52.0
54 45.3 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. -0.12 min

Lab File: BF092385.D

Acq: 20 Jan 2017 21:08

Instrument :

BNA_F

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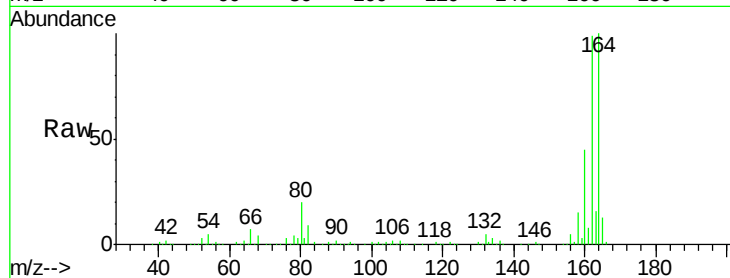
Tgt Ion:164 Resp: 306693

Ion Ratio Lower Upper

164 100

162 99.4 80.2 120.2

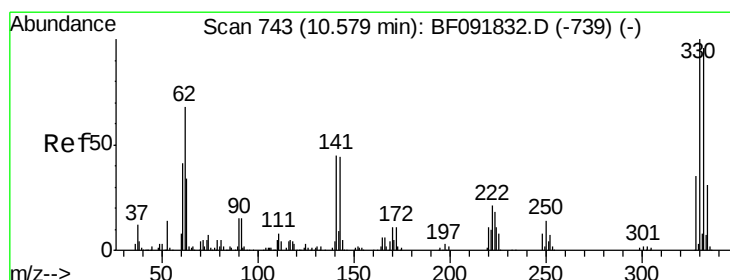
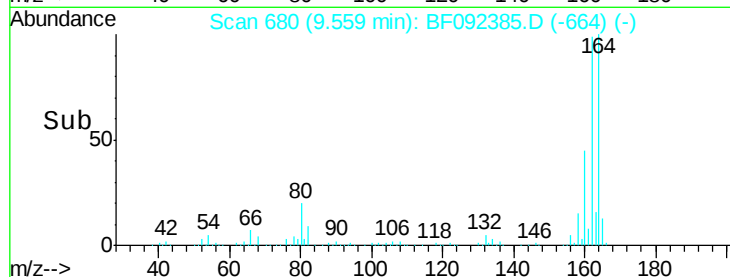
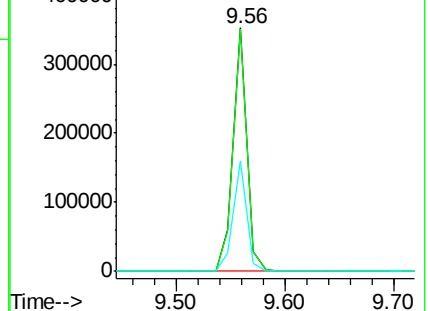
160 45.4 36.9 55.3



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: 3.40 ng

RT: 10.36 min Scan# 750

Delta R.T. -0.11 min

Lab File: BF092385.D

Acq: 20 Jan 2017 21:08

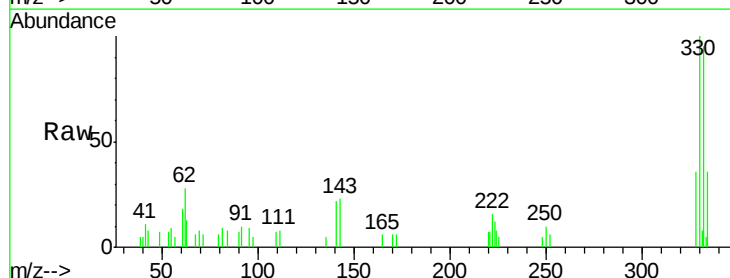
Tgt Ion:330 Resp: 8623

Ion Ratio Lower Upper

330 100

332 99.6 77.4 116.2

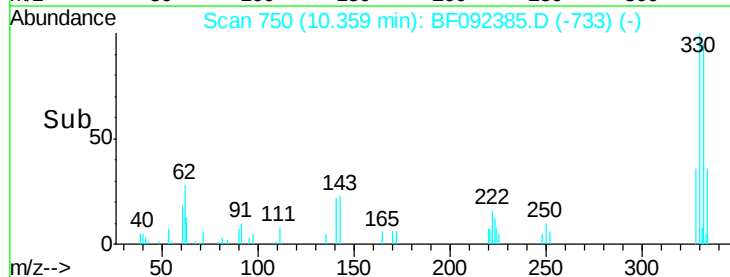
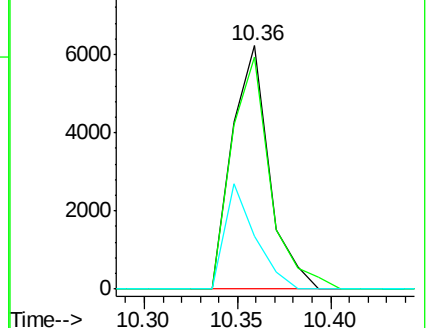
141 35.9 34.1 51.1

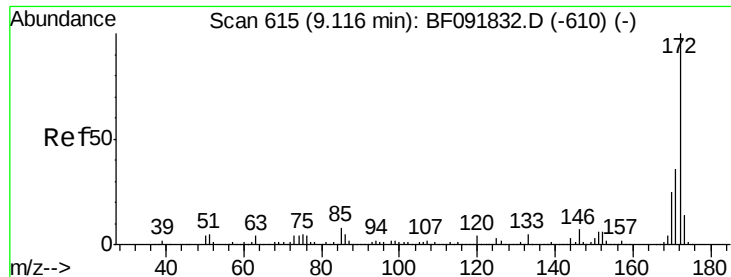


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

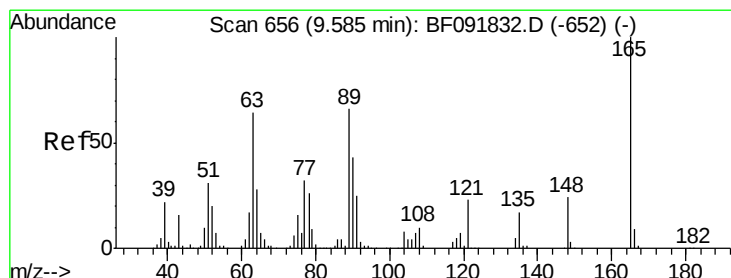
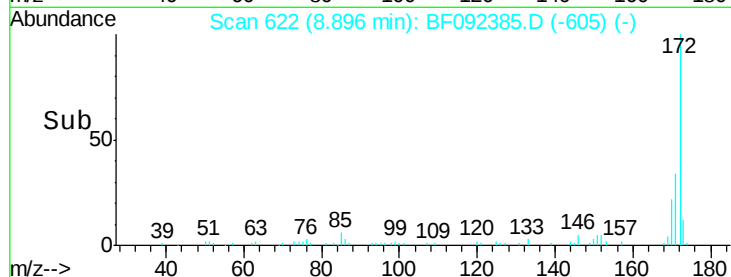
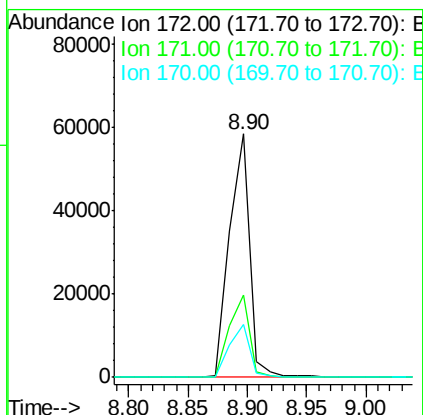
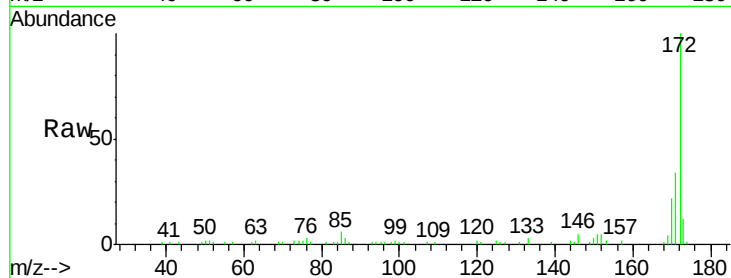




#44
 2-Fluorobiphenyl
 Concen: -9.79 ng
 RT: 8.90 min Scan# 622
 Delta R.T. -0.11 min
 Lab File: BF092385.D
 Acq: 20 Jan 2017 21:08

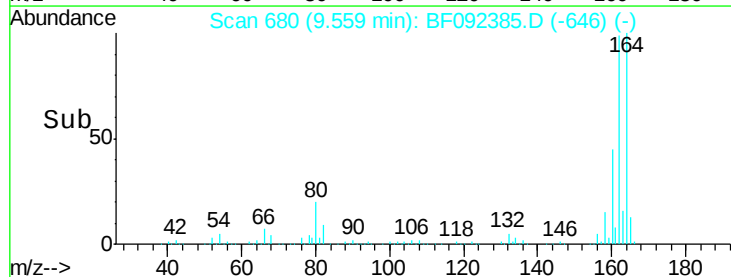
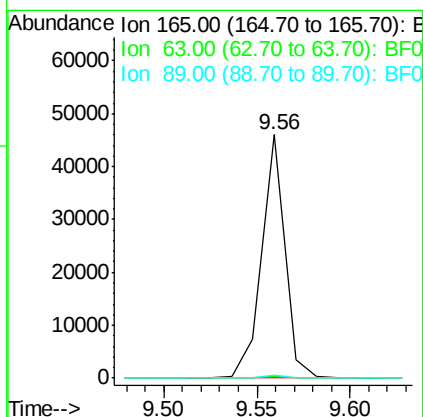
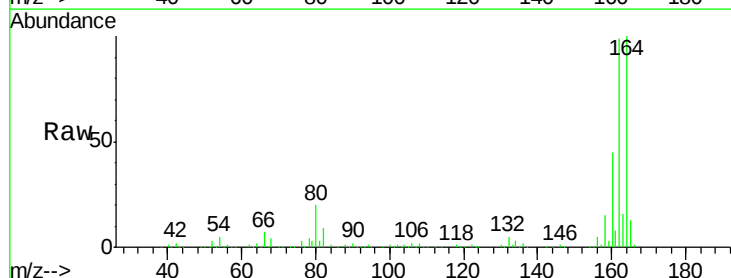
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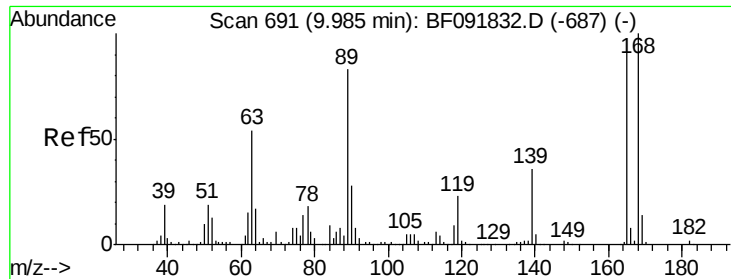
Tgt Ion:172 Resp: 68839
 Ion Ratio Lower Upper
 172 100
 171 33.8 29.4 44.0
 170 21.7 20.2 30.4



#50
 2,6-Dinitrotoluene
 Concen: 9.20 ng
 RT: 9.56 min Scan# 680
 Delta R.T. 0.08 min
 Lab File: BF092385.D
 Acq: 20 Jan 2017 21:08

Tgt Ion:165 Resp: 39499
 Ion Ratio Lower Upper
 165 100
 63 0.7 36.2 54.4#
 89 1.1 40.2 60.4#

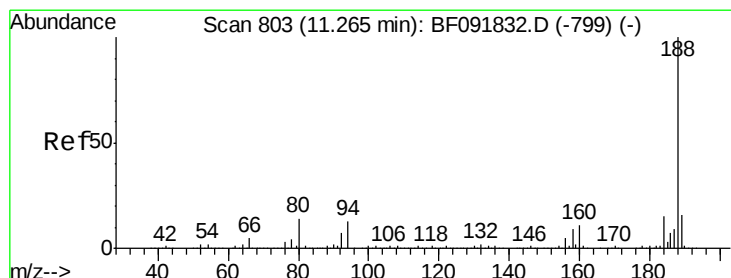
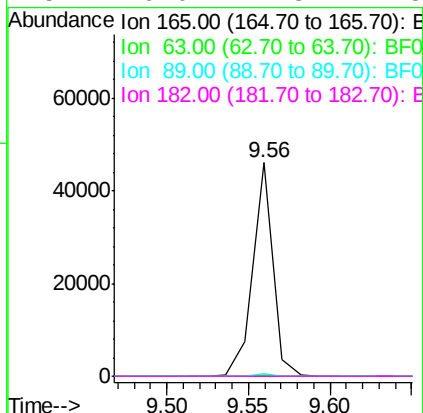
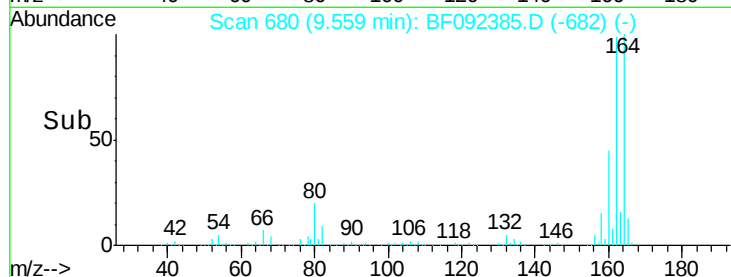
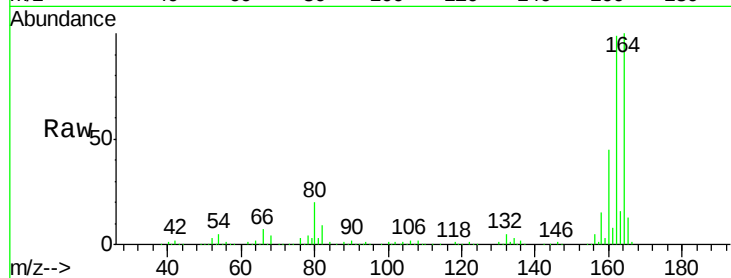




#56
2,4-Dinitrotoluene
Concen: 7.33 ng
RT: 9.56 min Scan# 680
Delta R.T. -0.33 min
Lab File: BF092385.D
Acq: 20 Jan 2017 21:08

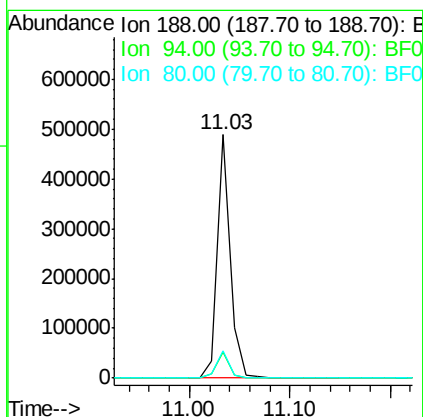
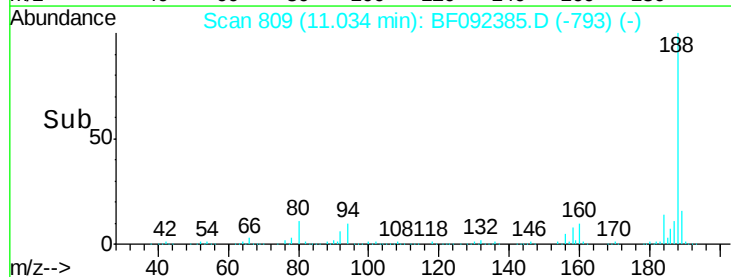
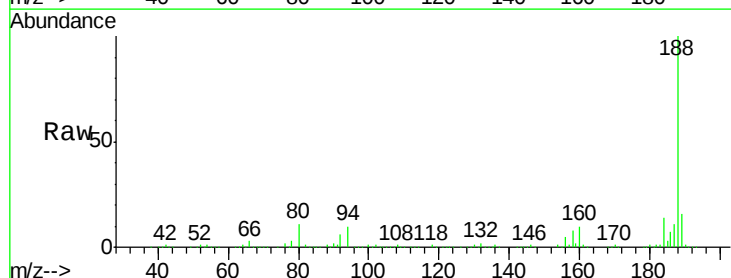
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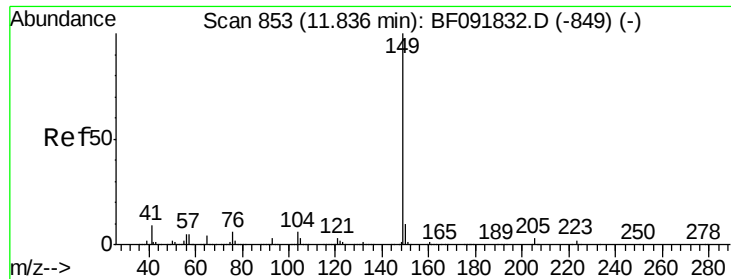
Tgt Ion:165 Resp: 39501
Ion Ratio Lower Upper
165 100
63 0.7 40.2 60.4#
89 1.1 62.5 93.7#
182 0.0 1.8 2.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 809
Delta R.T. -0.12 min
Lab File: BF092385.D
Acq: 20 Jan 2017 21:08

Tgt Ion:188 Resp: 436485
Ion Ratio Lower Upper
188 100
94 10.4 10.0 15.0
80 11.2 11.2 16.8#

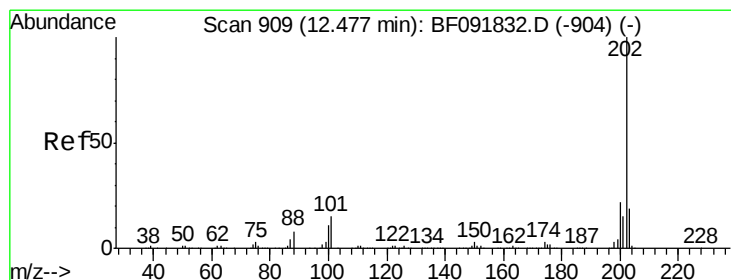
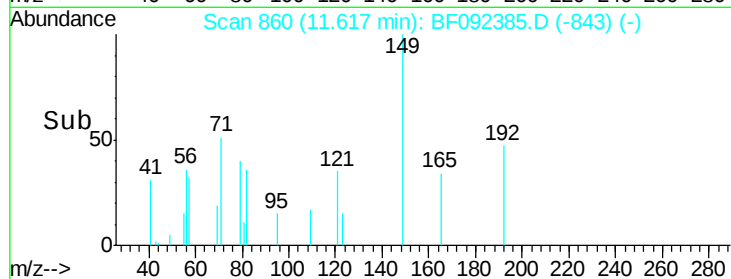
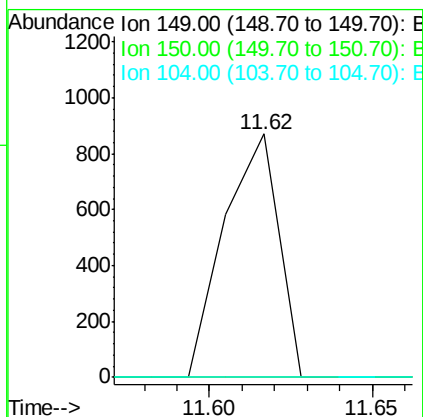
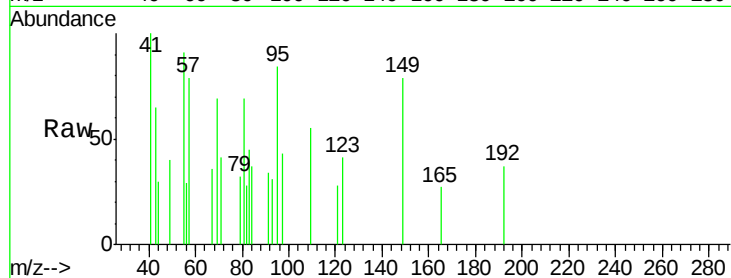




#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.62 min Scan# 860
Delta R.T. -0.11 min
Lab File: BF092385.D
Acq: 20 Jan 2017 21:08

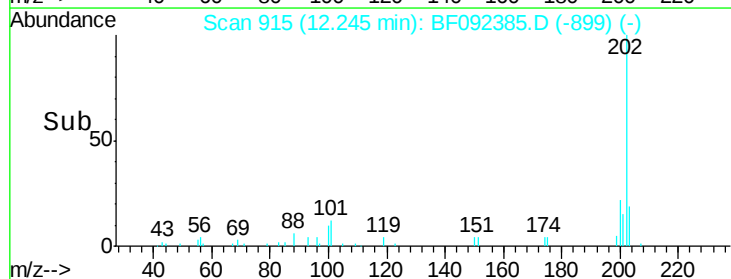
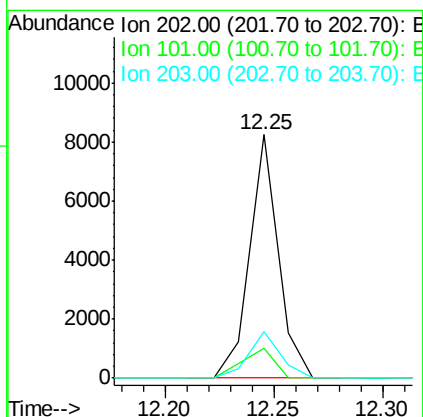
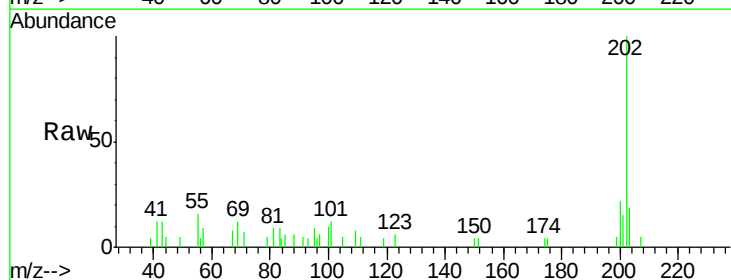
Instrument :
BNA_F
ClientSampled :
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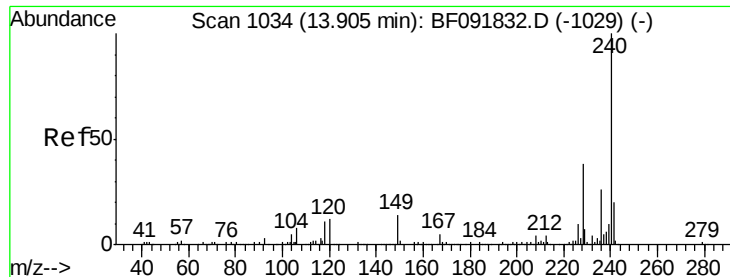
Tgt Ion:149 Resp: 996
Ion Ratio Lower Upper
149 100
150 0.0 8.1 12.1#
104 0.0 4.6 7.0#



#74
Fluoranthene
Concen: Below Cal
RT: 12.25 min Scan# 915
Delta R.T. -0.12 min
Lab File: BF092385.D
Acq: 20 Jan 2017 21:08

Tgt Ion:202 Resp: 7549
Ion Ratio Lower Upper
202 100
101 12.3 0.0 34.6
203 19.1 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.66 min Scan# 1039

Delta R.T. -0.12 min

Lab File: BF092385.D

Acq: 20 Jan 2017 21:08

Instrument :

BNA_F

ClientSampleId :

B-5

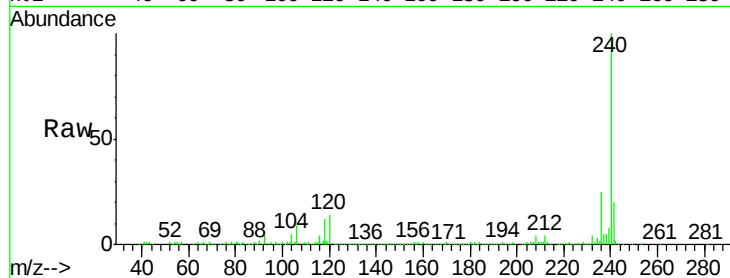
Tgt Ion:240 Resp: 345002

Ion Ratio Lower Upper

240 100

120 13.9 12.9 19.3

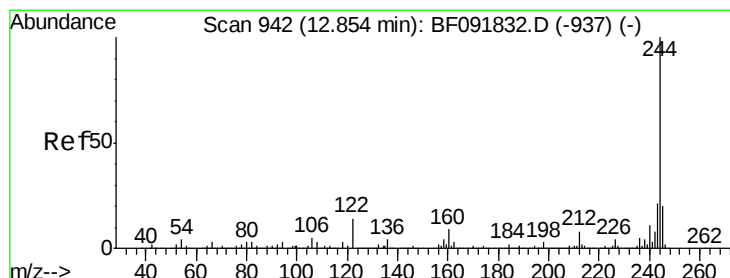
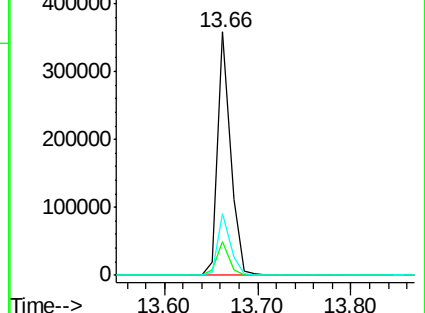
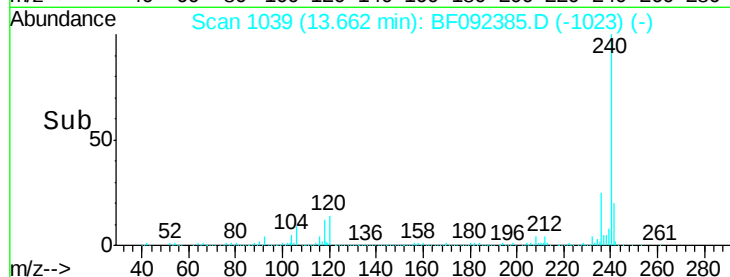
236 25.5 20.9 31.3



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: 3.68 ng

RT: 12.62 min Scan# 948

Delta R.T. -0.12 min

Lab File: BF092385.D

Acq: 20 Jan 2017 21:08

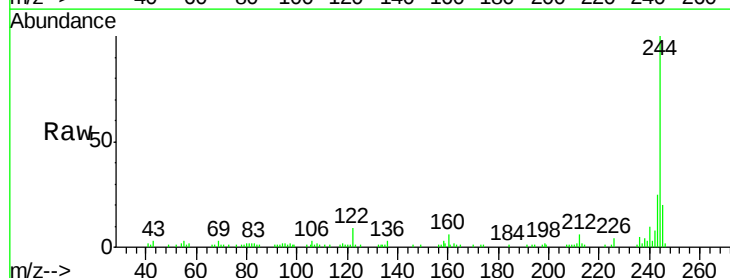
Tgt Ion:244 Resp: 52345

Ion Ratio Lower Upper

244 100

212 6.4 6.2 9.2

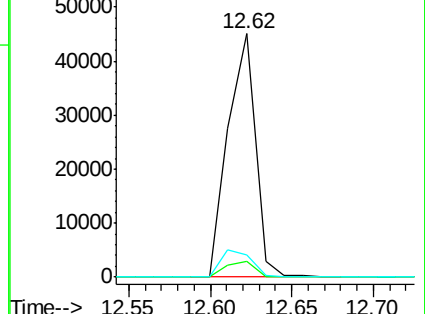
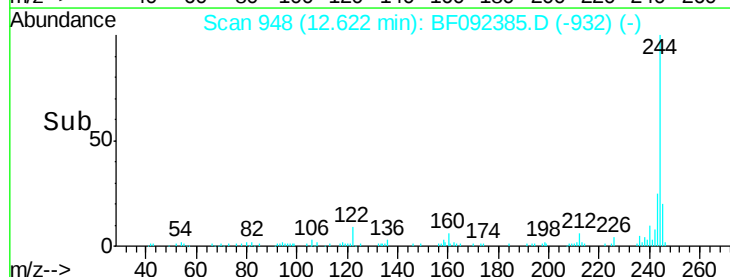
122 9.0 11.4 17.2#

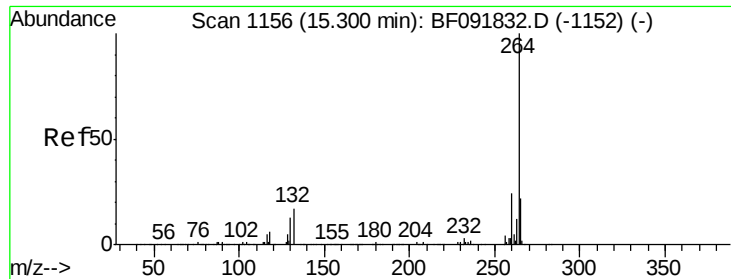


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF092385.D
Acq: 20 Jan 2017 21:08

Instrument :
BNA_F
ClientSampleId :
B-5

Tgt Ion: 264 Resp: 242863
Ion Ratio Lower Upper
264 100
260 22.9 19.2 28.8
265 21.6 17.4 26.0

