

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011717\
 Data File : BF092329.D
 Acq On : 17 Jan 2017 21:26
 Operator : UM/SJ
 Sample : I1242-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-51

Quant Time: Jan 18 00:00:13 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

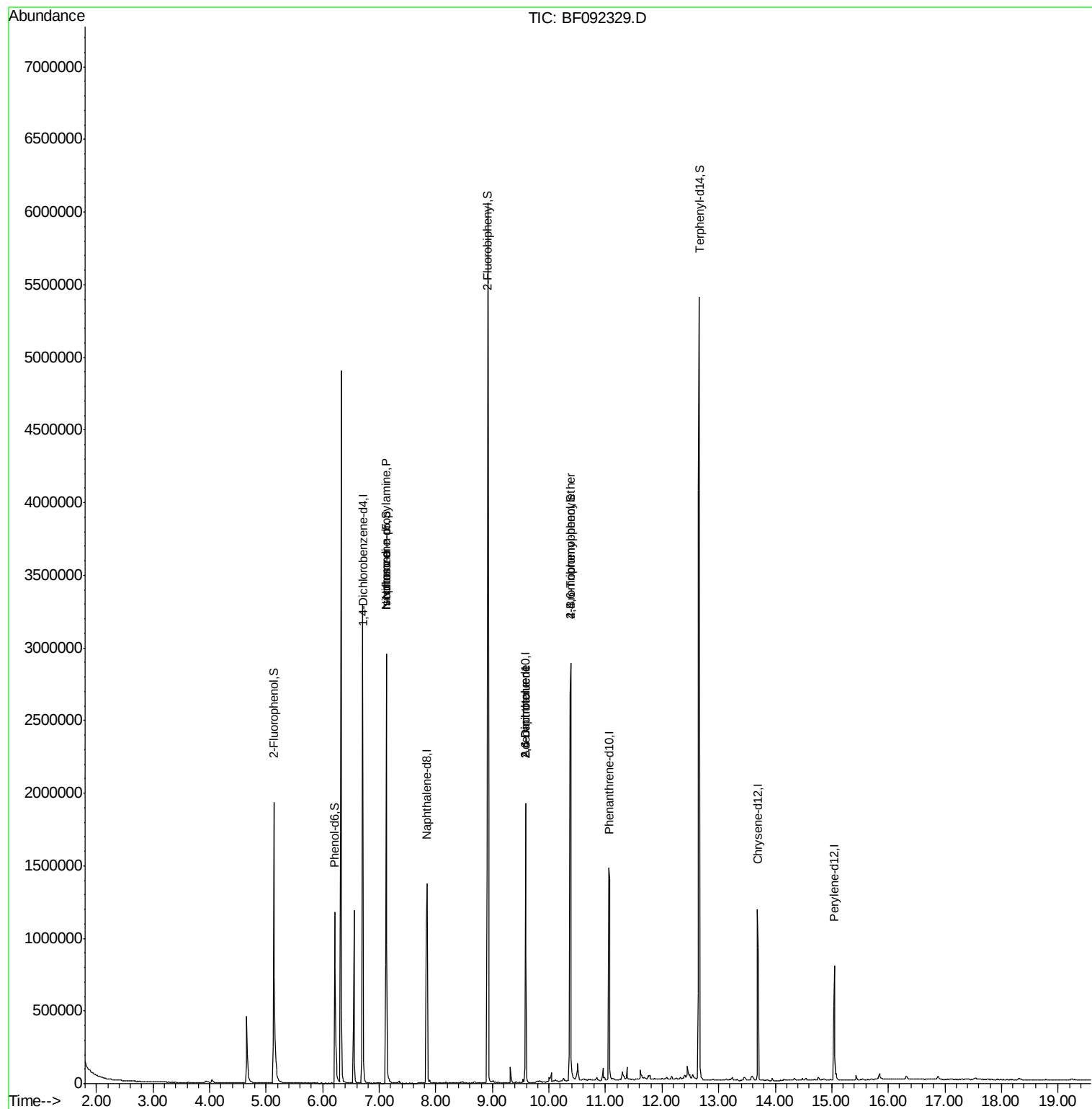
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	754492	20.00	ng	0.07
21) Naphthalene-d8	7.84	136	913061	20.00	ng	-0.09
38) Acenaphthene-d10	9.58	164	477666	20.00	ng	-0.10
63) Phenanthrene-d10	11.07	188	817253	20.00	ng	-0.09
75) Chrysene-d12	13.69	240	558797	20.00	ng	-0.10
86) Perylene-d12	15.05	264	387588	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	771955	17.08	ng	-0.10
7) Phenol-d6	6.21	99	626410	11.35	ng	-0.10
23) Nitrobenzene-d5	7.12	82	1193912	72.71	ng	-0.09
41) 2,4,6-Tribromophenol	10.38	330	548781	138.82	ng	-0.09
44) 2-Fluorobiphenyl	8.92	172	2233786	97.75	ng	-0.09
78) Terphenyl-d14	12.66	244	2287825	99.30	ng	-0.09
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.12	70	156183	4.26	ng	# 77
25) Isophorone	7.12	82	987161	32.59	ng	# 65
50) 2,6-Dinitrotoluene	9.58	165	62783	9.39	ng	# 31
56) 2,4-Dinitrotoluene	9.58	165	63321	7.54	ng	# 20
66) 4-Bromophenyl-phenylether	10.38	248	34043	4.00	ng	# 1
71) Anthracene	11.15	178	1266	Below Cal		# 27
73) Di-n-butylphthalate	11.64	149	10915	Below Cal		96
74) Fluoranthene	12.28	202	617	Below Cal		61

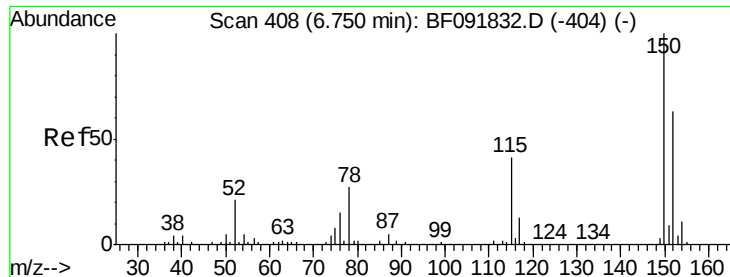
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 431

Delta R.T. 0.07 min

Lab File: BF092329.D

Acq: 17 Jan 2017 21:26

Instrument :

BNA_F

ClientSampled :

W-51

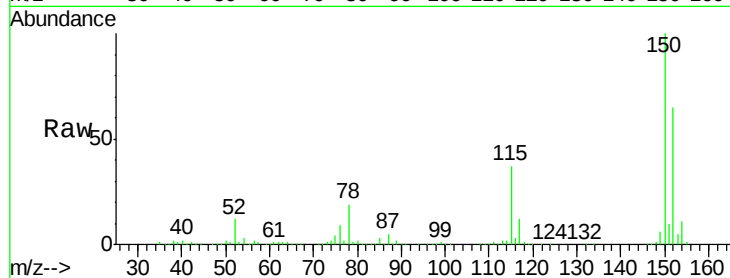
Tgt Ion:152 Resp: 754492

Ion Ratio Lower Upper

152 100

150 153.1 124.9 187.3

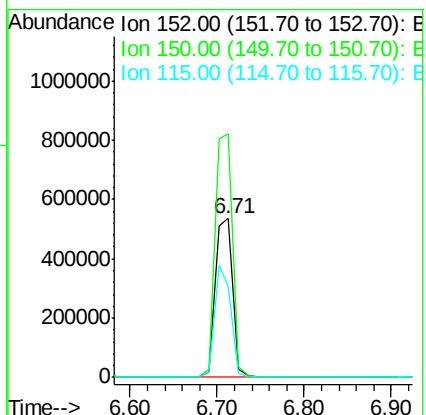
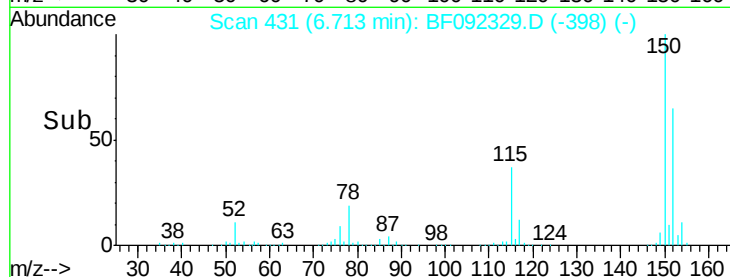
115 57.3 46.0 69.0



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: 17.08 ng

RT: 5.14 min Scan# 293

Delta R.T. -0.10 min

Lab File: BF092329.D

Acq: 17 Jan 2017 21:26

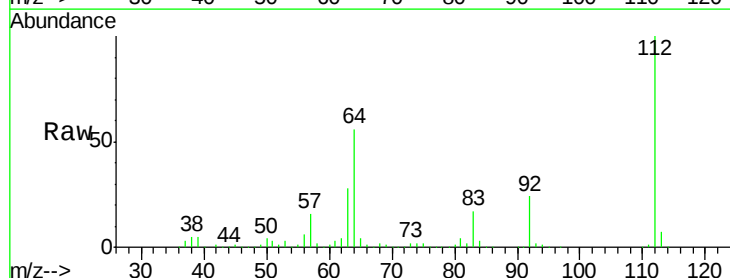
Tgt Ion:112 Resp: 771955

Ion Ratio Lower Upper

112 100

64 55.9 46.1 69.1

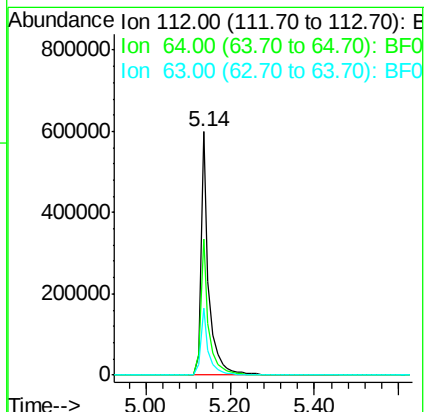
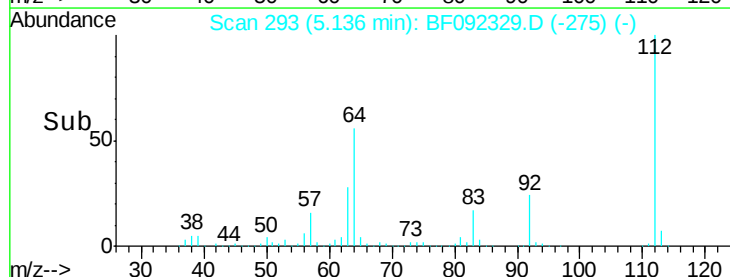
63 27.5 23.8 35.6



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: 11.35 ng

RT: 6.21 min Scan# 387

Delta R.T. -0.10 min

Lab File: BF092329.D

Acq: 17 Jan 2017 21:26

Instrument :

BNA_F

ClientSampled :

W-51

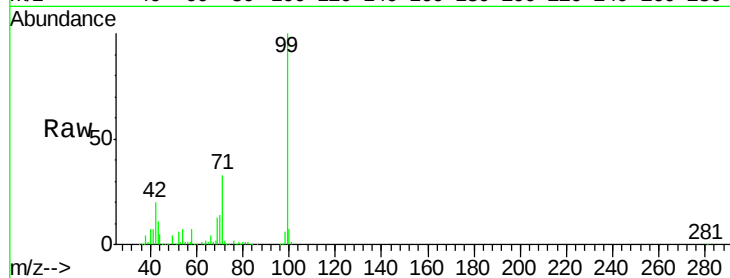
Tgt Ion: 99 Resp: 626410

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

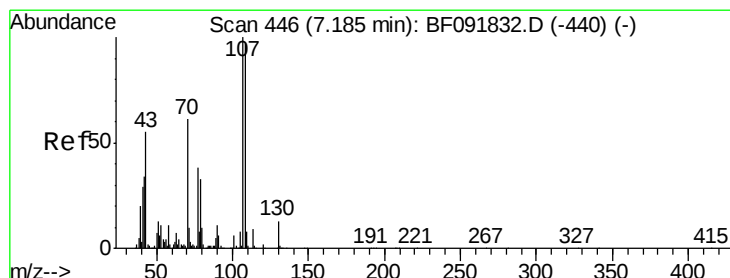
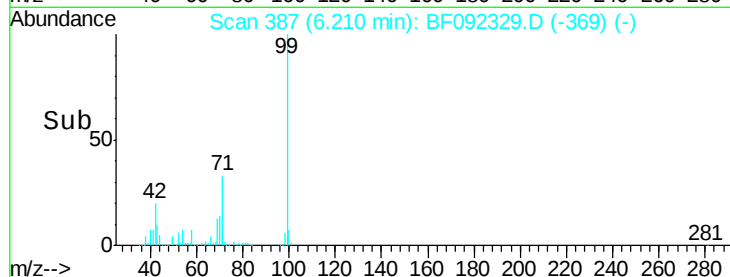
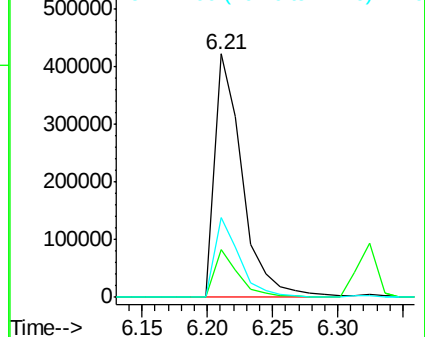
71 32.6 27.5 41.3



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: 4.26 ng

RT: 7.12 min Scan# 467

Delta R.T. 0.05 min

Lab File: BF092329.D

Acq: 17 Jan 2017 21:26

Tgt Ion: 70 Resp: 156183

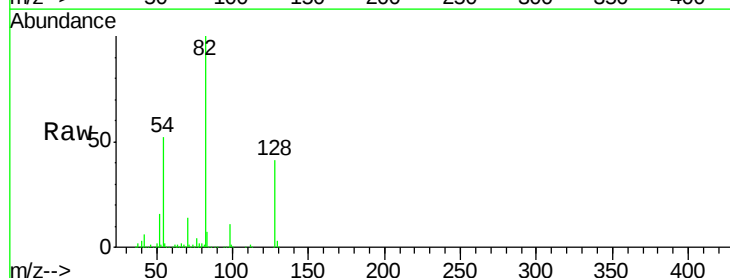
Ion Ratio Lower Upper

70 100

42 46.6 49.4 74.0#

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

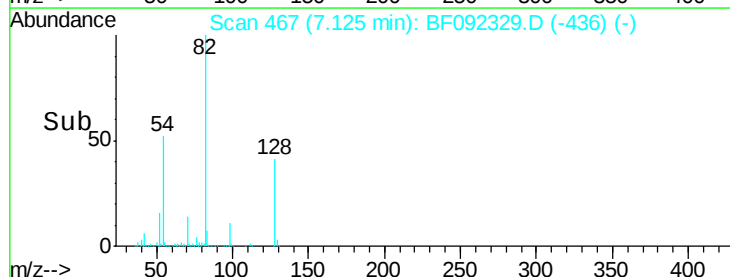
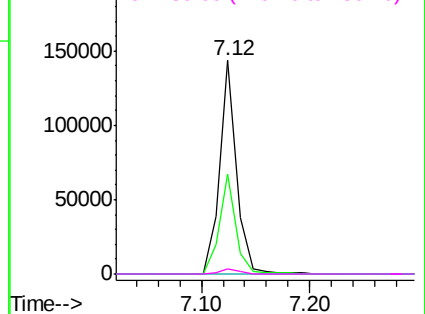


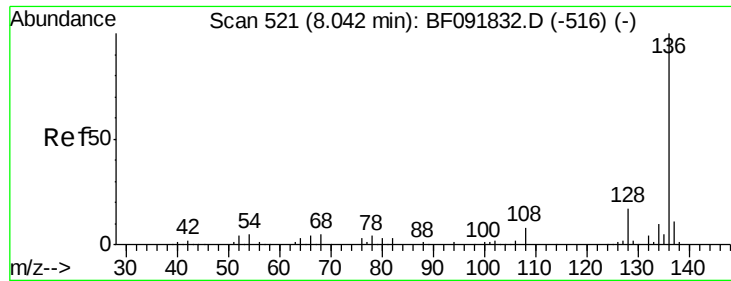
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

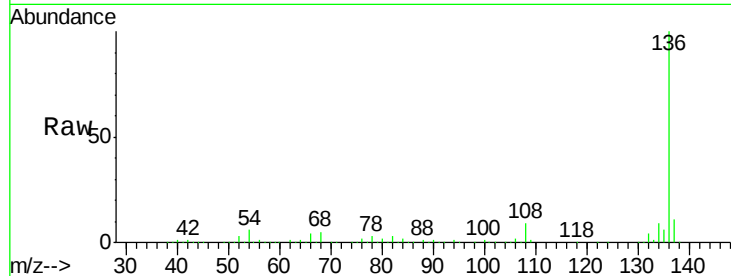




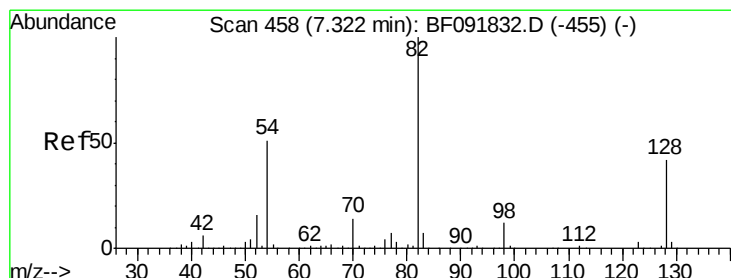
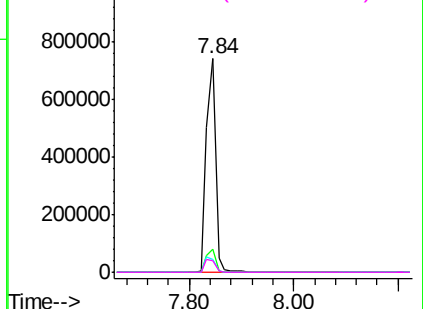
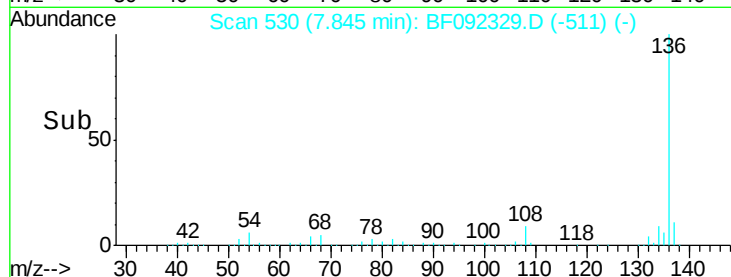
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. -0.09 min
Lab File: BF092329.D
Acq: 17 Jan 2017 21:26

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:	136	Resp:	913061
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	5.8	4.5	6.7
68	5.2	3.6	5.4

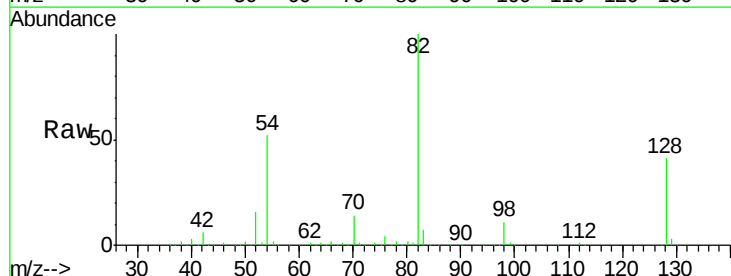


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

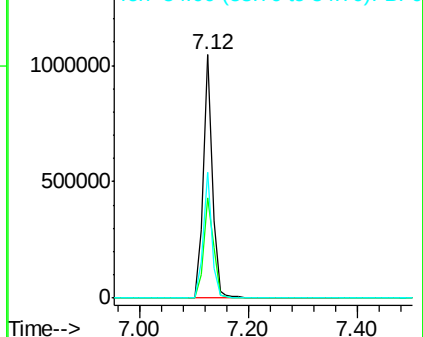
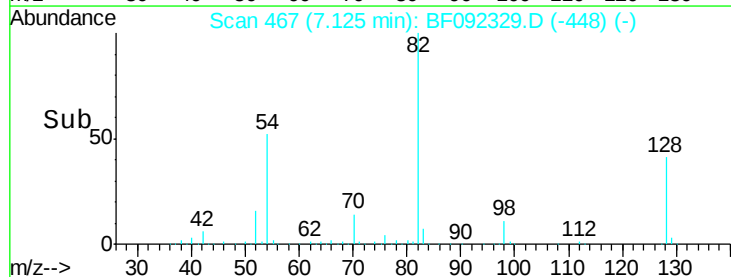


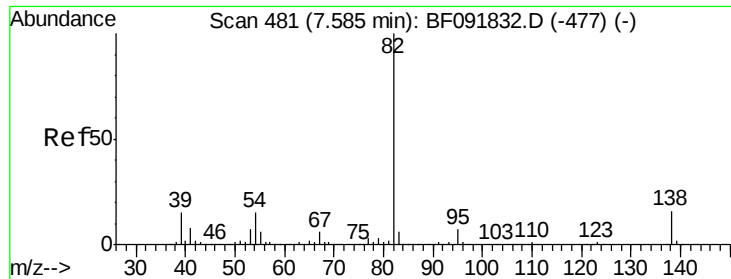
#23
Nitrobenzene-d5
Concen: 72.71 ng
RT: 7.12 min Scan# 467
Delta R.T. -0.09 min
Lab File: BF092329.D
Acq: 17 Jan 2017 21:26

Tgt Ion:	82	Resp:	1193912
Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.6	52.0
54	51.5	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





#25

Isophorone

Concen: 32.59 ng

RT: 7.12 min Scan# 467

Delta R.T. -0.35 min

Lab File: BF092329.D

Acq: 17 Jan 2017 21:26

Instrument :

BNA_F

ClientSampled :

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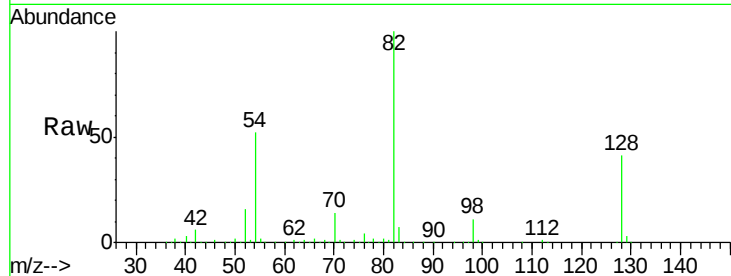
Tgt Ion: 82 Resp: 987161

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

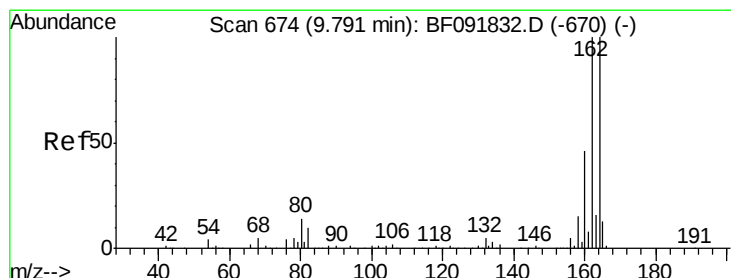
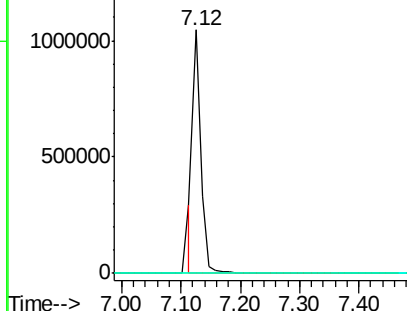
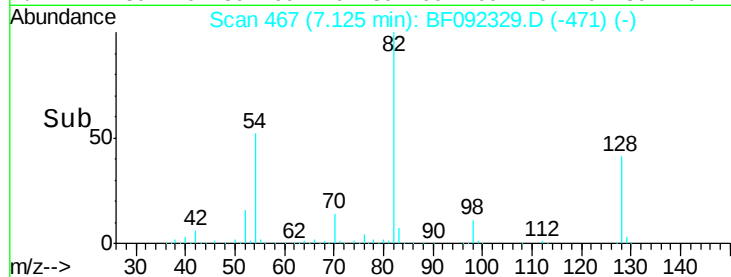
138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 682

Delta R.T. -0.10 min

Lab File: BF092329.D

Acq: 17 Jan 2017 21:26

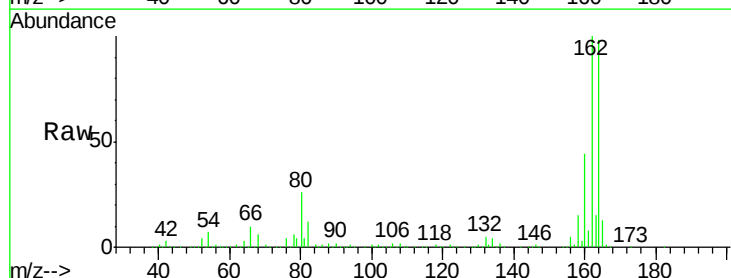
Tgt Ion: 164 Resp: 477666

Ion Ratio Lower Upper

164 100

162 101.6 80.2 120.2

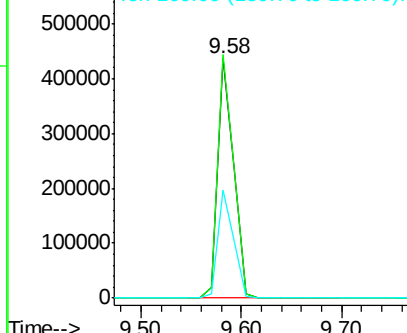
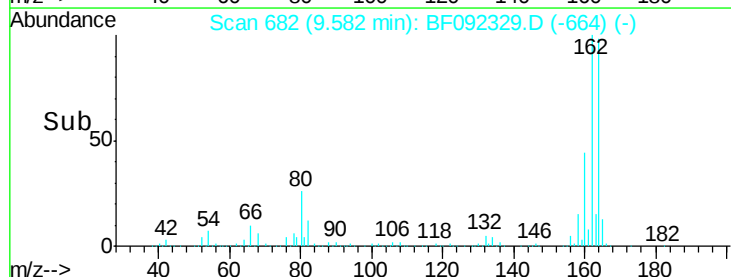
160 45.1 36.9 55.3

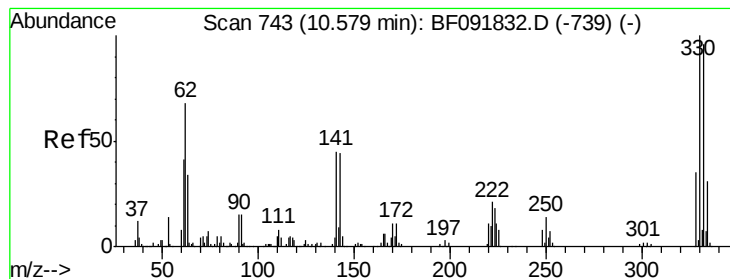


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

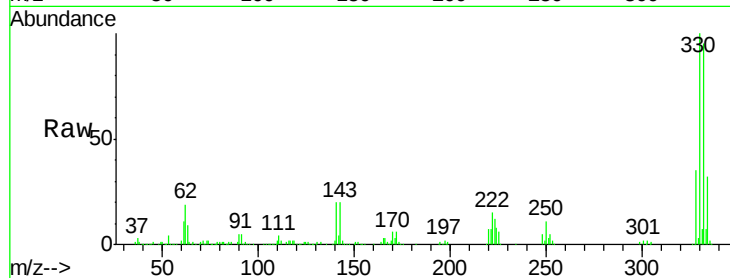




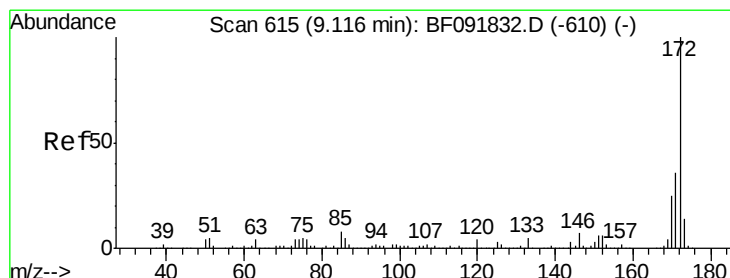
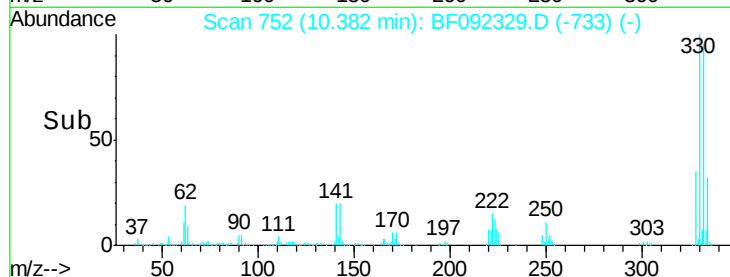
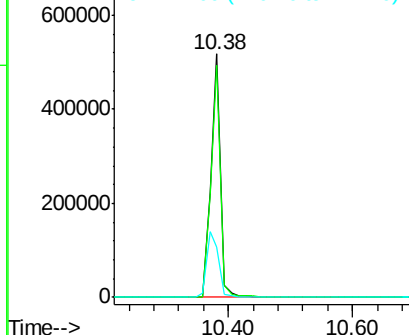
#41
 2,4,6-Tribromophenol
 Concen: 138.82 ng
 RT: 10.38 min Scan# 752
 Delta R.T. -0.09 min
 Lab File: BF092329.D
 Acq: 17 Jan 2017 21:26

Instrument :
 BNA_F
 ClientSampleId :
 W-51

Tgt Ion:330 Resp: 548781
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 33.3 34.1 51.1#

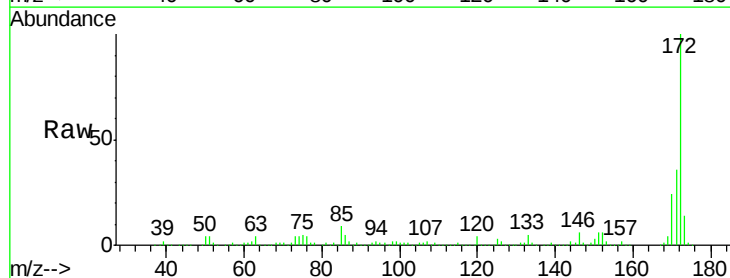


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

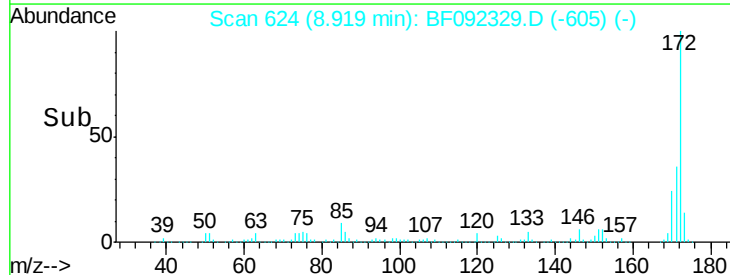
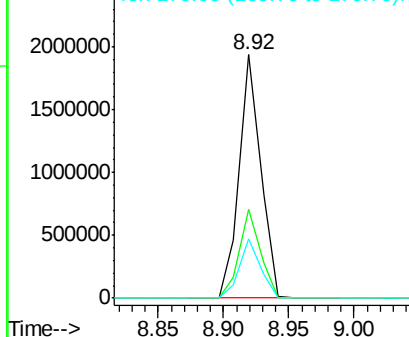


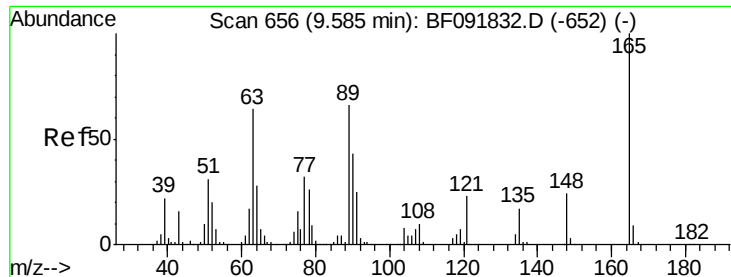
#44
 2-Fluorobiphenyl
 Concen: 97.75 ng
 RT: 8.92 min Scan# 624
 Delta R.T. -0.09 min
 Lab File: BF092329.D
 Acq: 17 Jan 2017 21:26

Tgt Ion:172 Resp: 2233786
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.5 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





#50

2,6-Dinitrotoluene

Concen: 9.39 ng

RT: 9.58 min Scan# 682

Delta R.T. 0.11 min

Lab File: BF092329.D

Acq: 17 Jan 2017 21:26

Instrument :

BNA_F

ClientSampleId :

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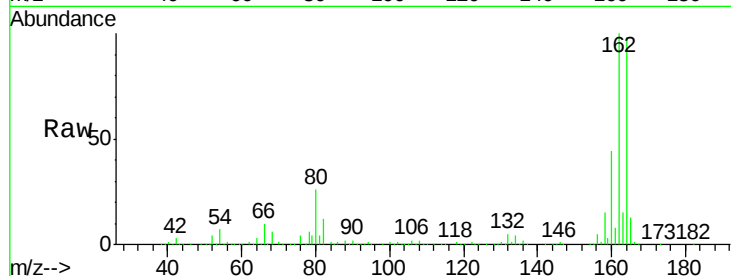
Tgt Ion:165 Resp: 62783

Ion Ratio Lower Upper

165 100

63 1.0 36.2 54.4#

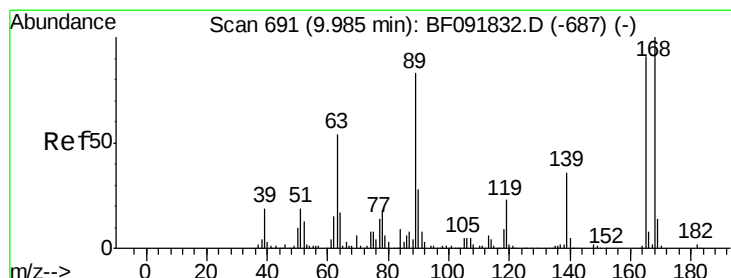
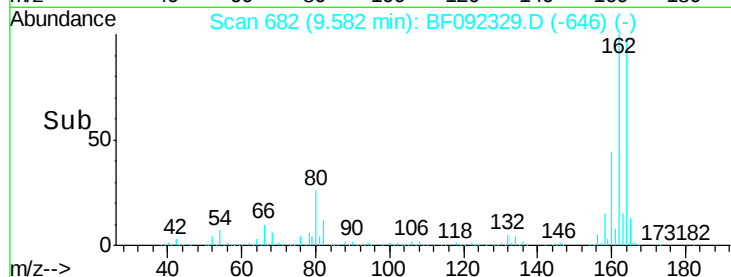
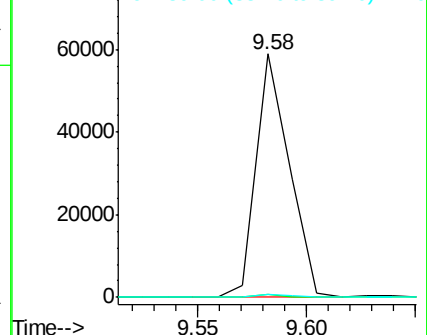
89 1.1 40.2 60.4#



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: 7.54 ng

RT: 9.58 min Scan# 682

Delta R.T. -0.31 min

Lab File: BF092329.D

Acq: 17 Jan 2017 21:26

Tgt Ion:165 Resp: 63321

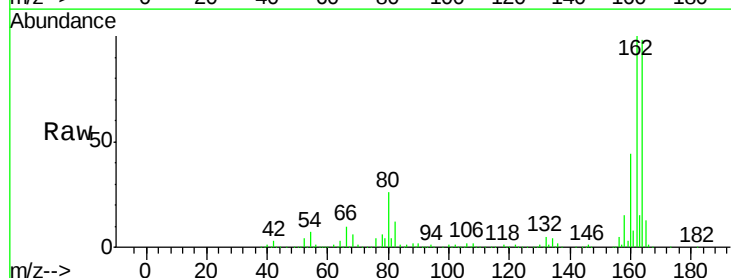
Ion Ratio Lower Upper

165 100

63 1.0 40.2 60.4#

89 1.1 62.5 93.7#

182 0.6 1.8 2.8#

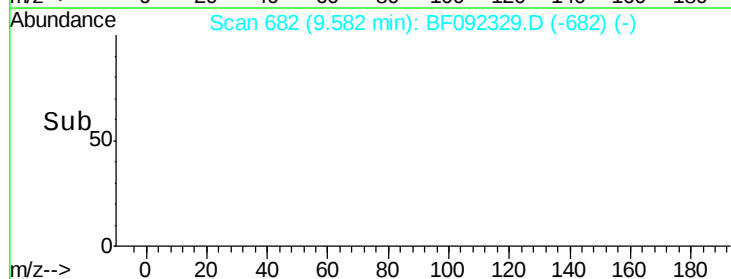
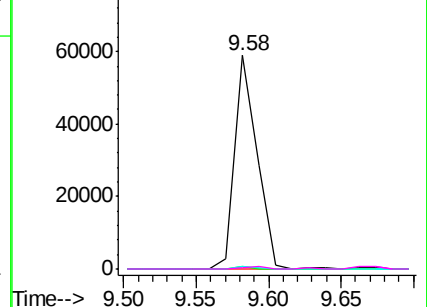


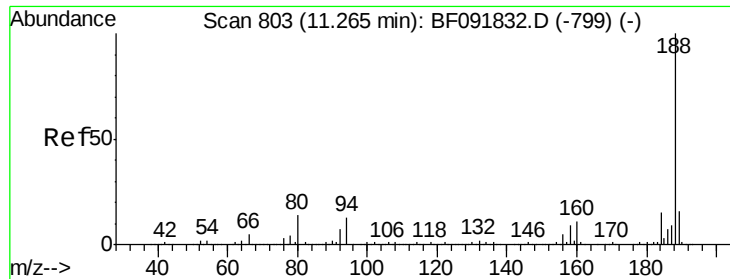
Abundance Ion 165.00 (164.70 to 165.70): E

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

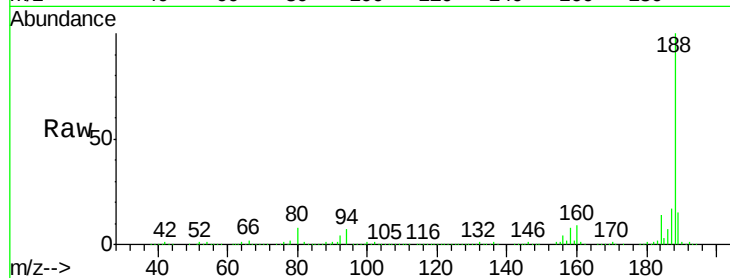




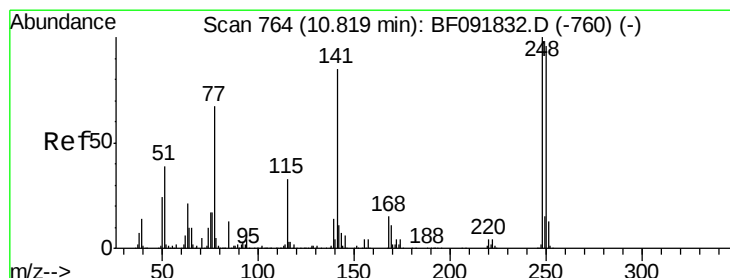
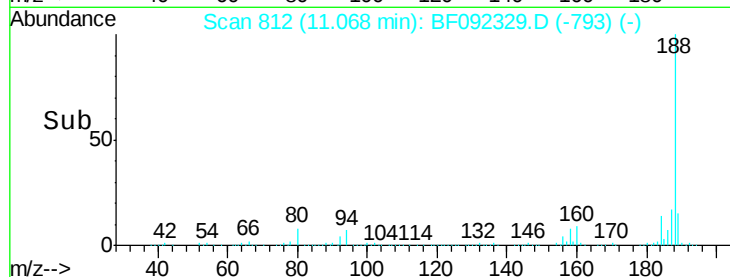
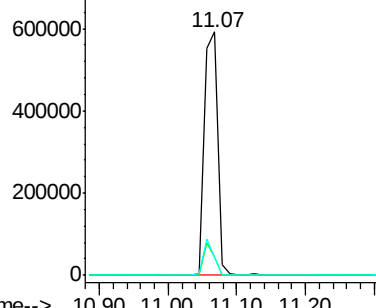
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 812
Delta R.T. -0.09 min
Lab File: BF092329.D
Acq: 17 Jan 2017 21:26

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:188 Resp: 817253
Ion Ratio Lower Upper
188 100
94 7.5 10.0 15.0#
80 7.8 11.2 16.8#

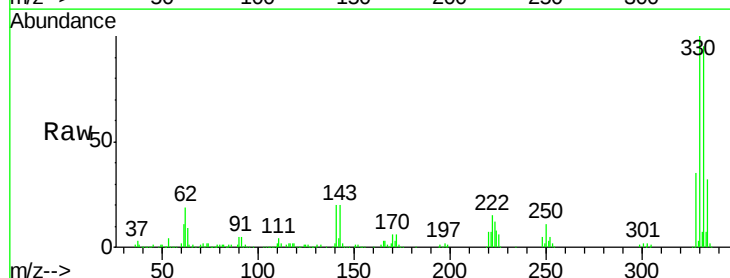


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

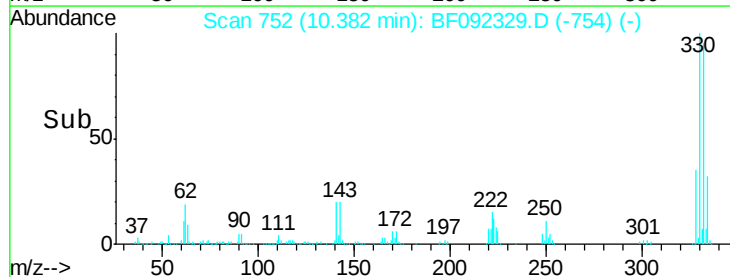
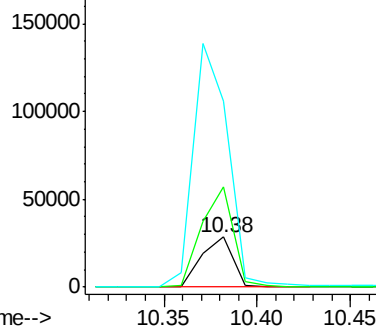


#66
4-Bromophenyl-phenylether
Concen: 4.00 ng
RT: 10.38 min Scan# 752
Delta R.T. -0.33 min
Lab File: BF092329.D
Acq: 17 Jan 2017 21:26

Tgt Ion:248 Resp: 34043
Ion Ratio Lower Upper
248 100
250 202.5 76.9 115.3#
141 373.5 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.64 min Scan# 862

Delta R.T. -0.09 min

Lab File: BF092329.D

Acq: 17 Jan 2017 21:26

Instrument :

BNA_F

ClientSampleId :

W-51

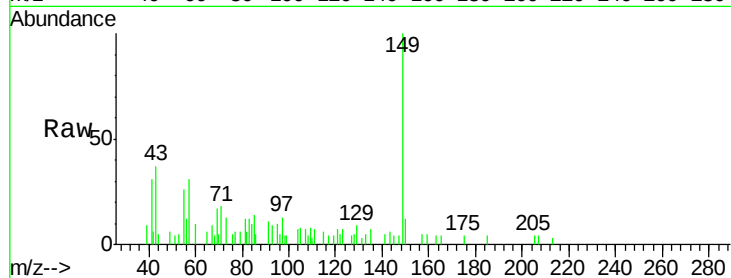
Tgt Ion:149 Resp: 10915

Ion Ratio Lower Upper

149 100

150 11.6 8.1 12.1

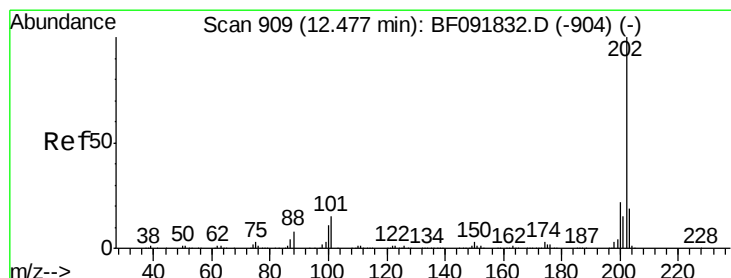
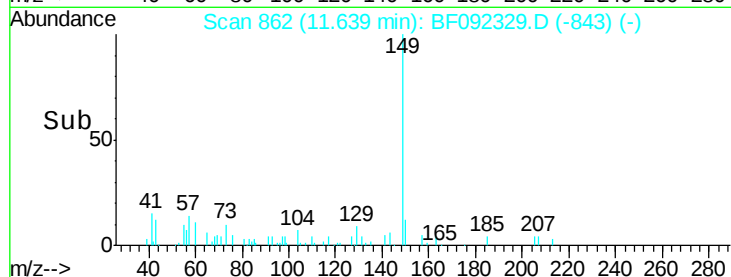
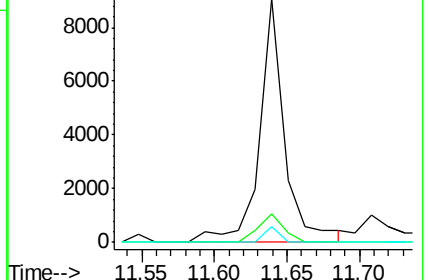
104 6.7 4.6 7.0



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: 12.28 min Scan# 918

Delta R.T. -0.09 min

Lab File: BF092329.D

Acq: 17 Jan 2017 21:26

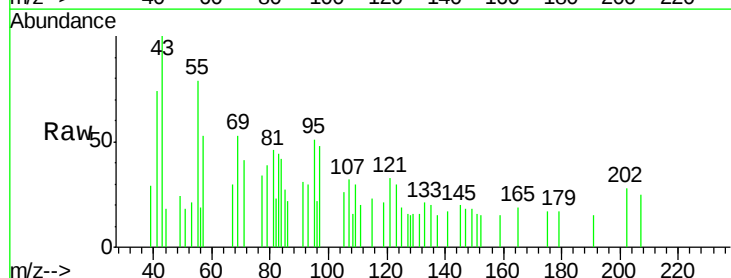
Tgt Ion:202 Resp: 617

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

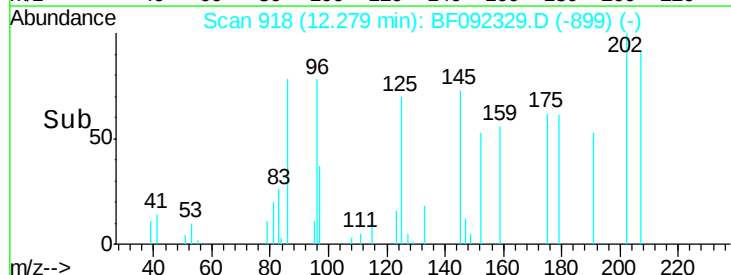
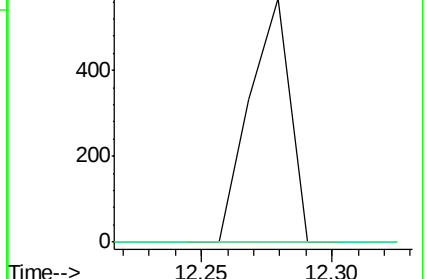
203 0.0 0.0 38.7

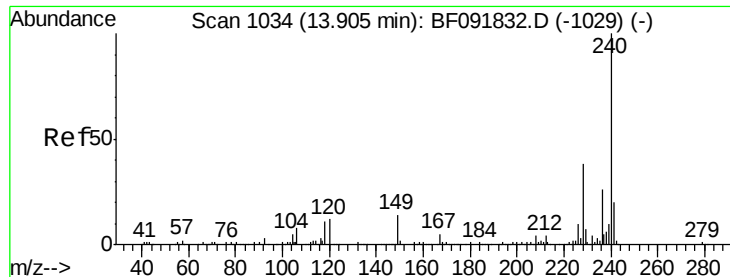


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.69 min Scan# 1041

Delta R.T. -0.10 min

Lab File: BF092329.D

Acq: 17 Jan 2017 21:26

Instrument :

BNA_F

ClientSampleId :

W-51

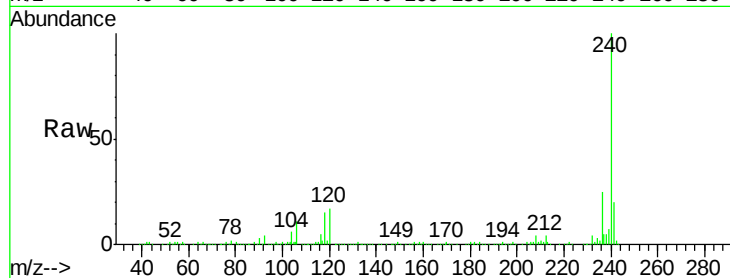
Tgt Ion:240 Resp: 558797

Ion Ratio Lower Upper

240 100

120 16.7 12.9 19.3

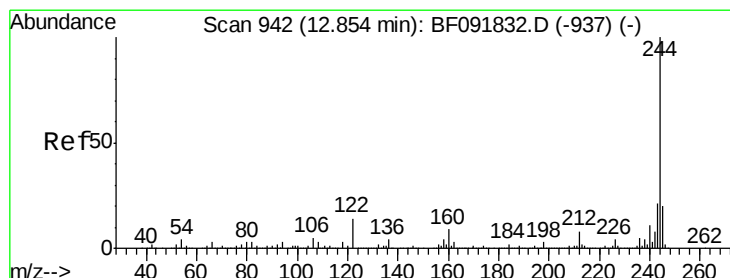
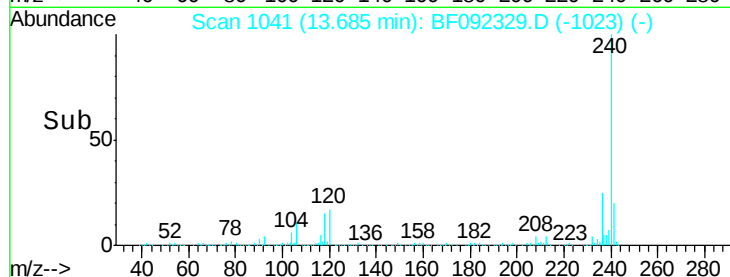
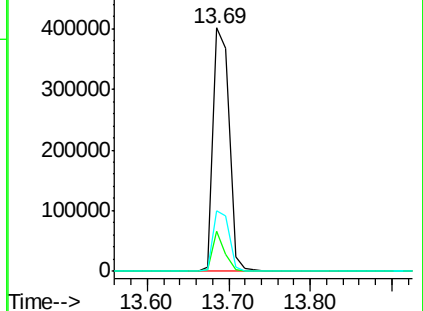
236 24.6 20.9 31.3



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: 99.30 ng

RT: 12.66 min Scan# 951

Delta R.T. -0.09 min

Lab File: BF092329.D

Acq: 17 Jan 2017 21:26

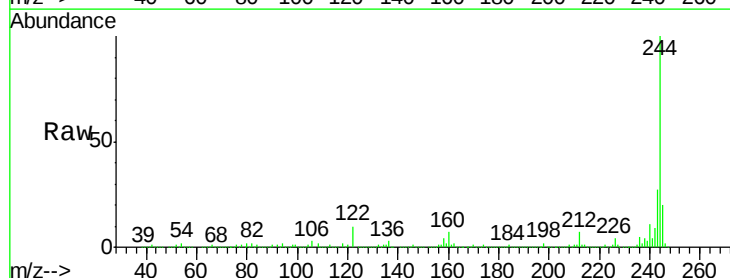
Tgt Ion:244 Resp: 2287825

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

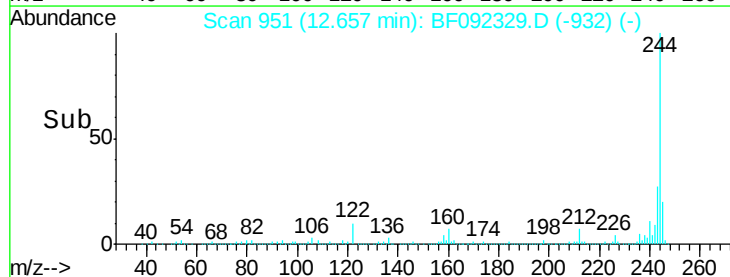
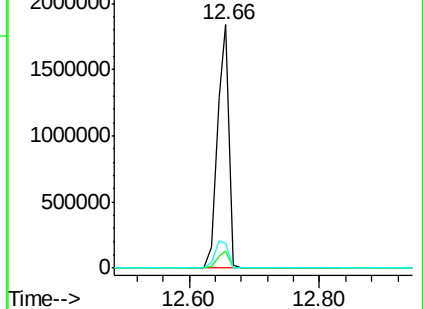
122 10.3 11.4 17.2#

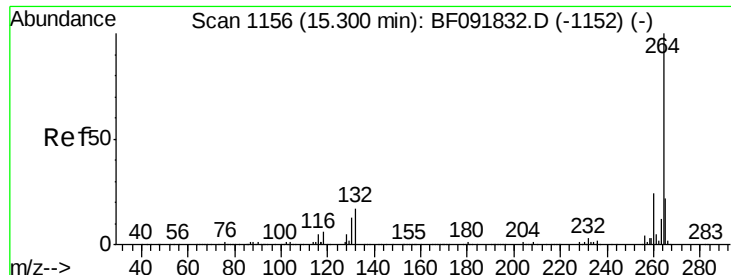


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

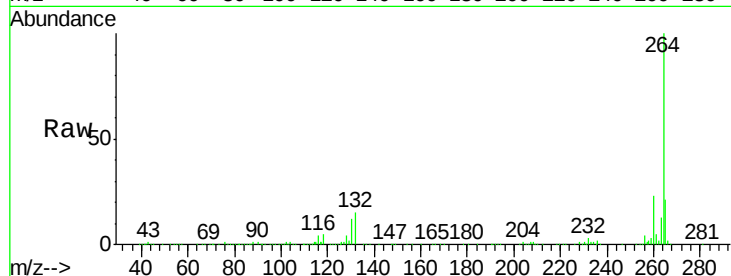




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1160
Delta R.T. -0.10 min
Lab File: BF092329.D
Acq: 17 Jan 2017 21:26

Instrument :
BNA_F
ClientSampleId :
W-51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.2	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

