

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
 Data File : BF092977.D
 Acq On : 16 Feb 2017 5:32
 Operator : SJ/MA
 Sample : I1836-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-A-COMP

Quant Time: Feb 16 07:13:47 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

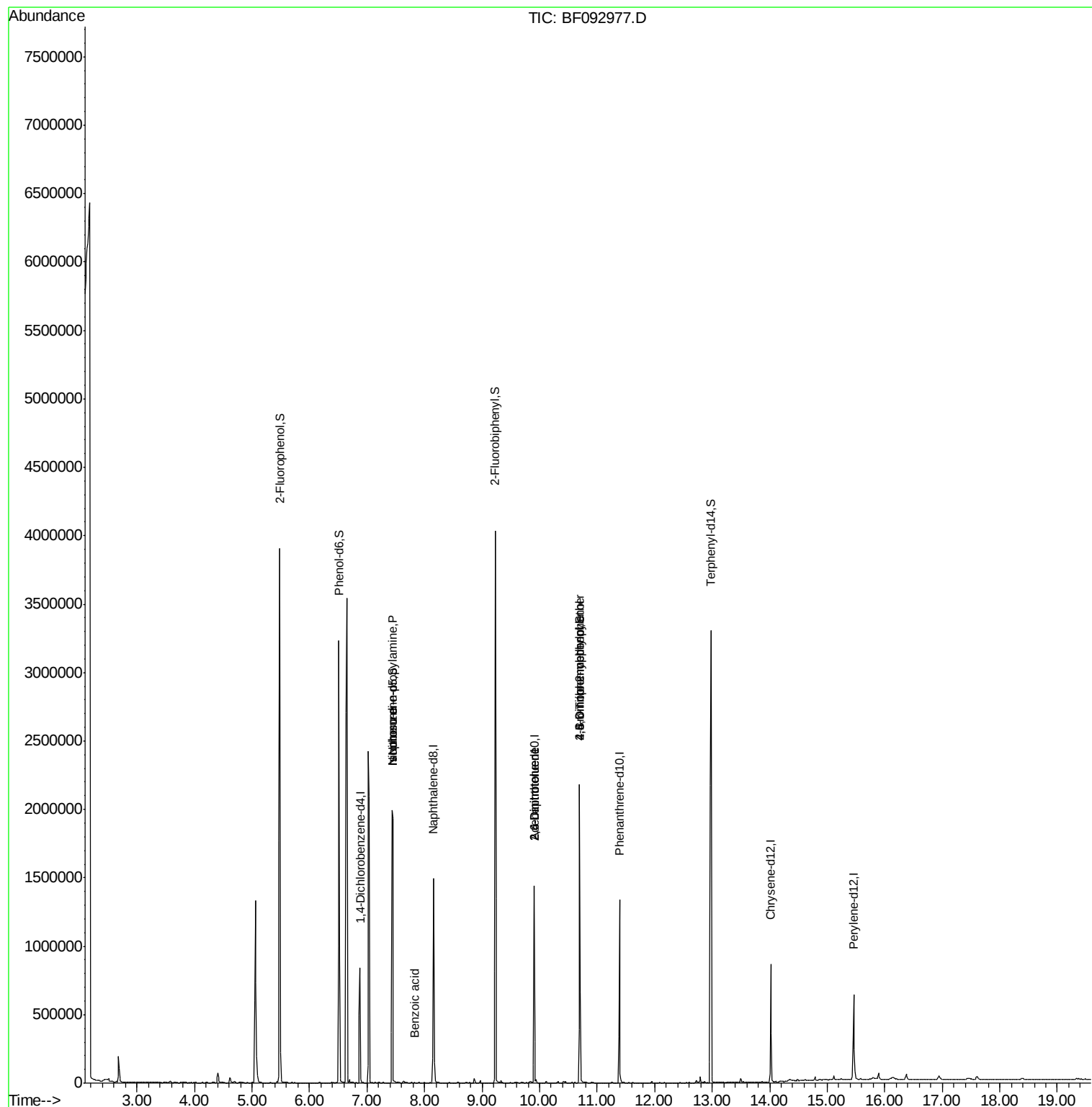
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	156757	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	617886	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	306757	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	483324	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	321341	20.00	ng	-0.03
86) Perylene-d12	15.46	264	282281	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1132922	123.99	ng	0.00
7) Phenol-d6	6.51	99	1277888	108.70	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1008637	90.90	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	274544	123.74	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1494930	88.29	ng	-0.01
78) Terphenyl-d14	12.98	244	1280641	93.64	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	130981	17.50	ng	# 84
25) Isophorone	7.44	82	921070	44.55	ng	# 65
32) Benzoic acid	7.82	122	542	7.25	ng	# 1
50) 2,6-Dinitrotoluene	9.90	165	41068	9.20	ng	# 31
56) 2,4-Dinitrotoluene	9.90	165	41069	6.91	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.69	198	447	2.81	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	18512	3.67	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF092977.D

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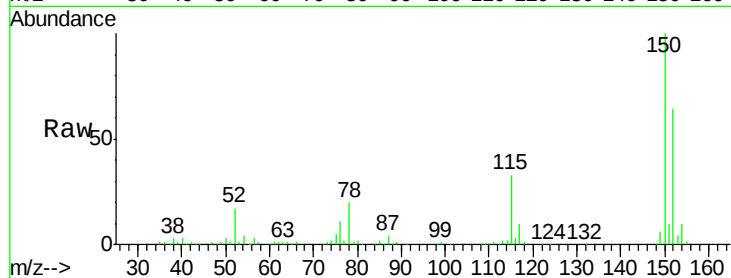
Tgt Ion:152 Resp: 156757

Ion Ratio Lower Upper

152 100

150 156.7 124.9 187.3

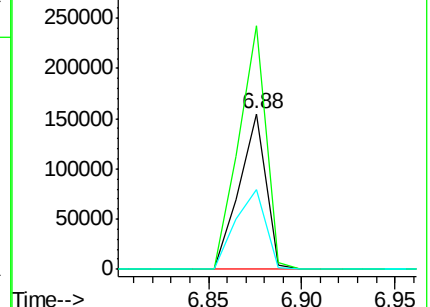
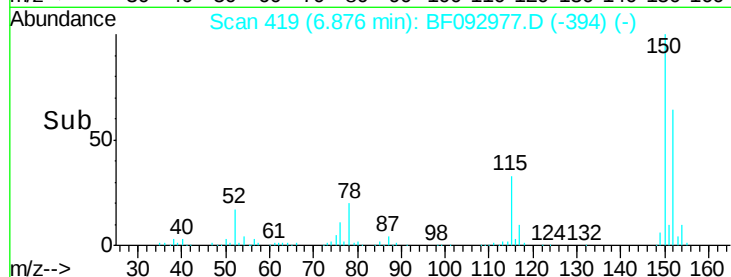
115 51.0 46.0 69.0



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: 123.99 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.00 min

Lab File: BF092977.D

Acq: 16 Feb 2017 5:32

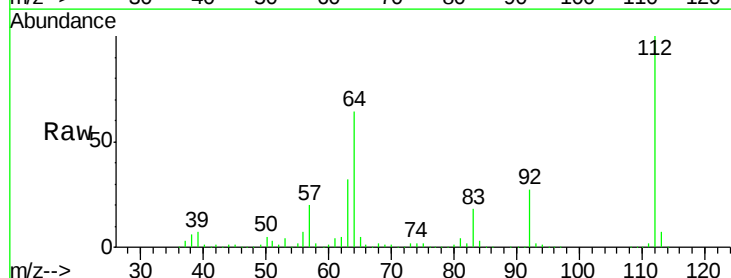
Tgt Ion:112 Resp: 1132922

Ion Ratio Lower Upper

112 100

64 64.5 46.1 69.1

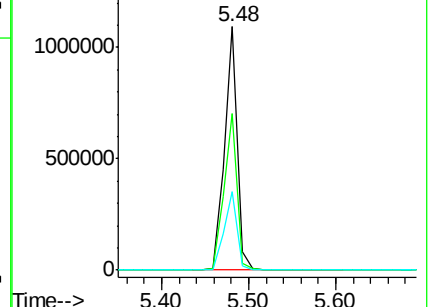
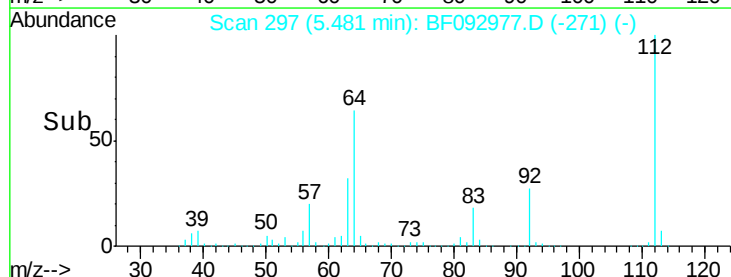
63 32.2 23.8 35.6



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: 108.70 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092977.D

Acq: 16 Feb 2017 5:32

Instrument :

BNA_F

ClientSampleId :

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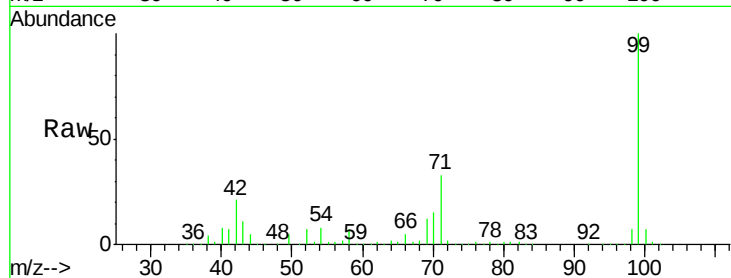
Tgt Ion: 99 Resp: 1277888

Ion Ratio Lower Upper

99 100

42 20.8 15.6 23.4

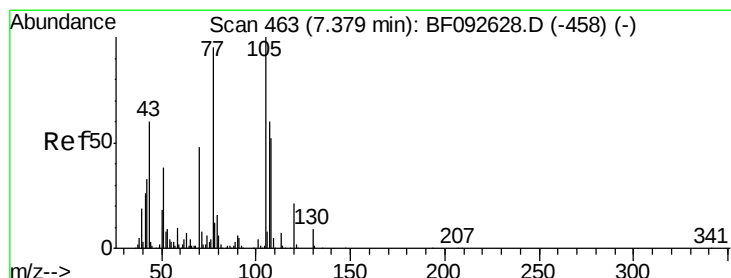
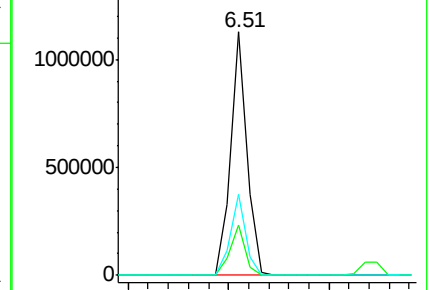
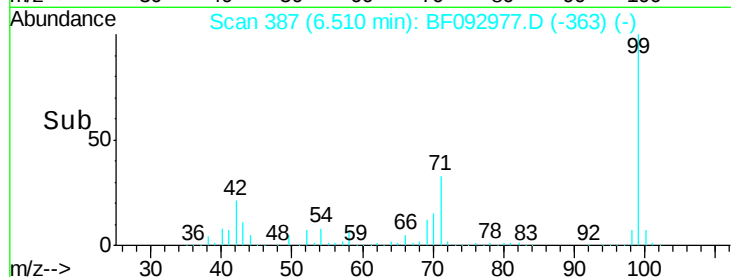
71 33.1 27.5 41.3



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: 17.50 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.13 min

Lab File: BF092977.D

Acq: 16 Feb 2017 5:32

Tgt Ion: 70 Resp: 130981

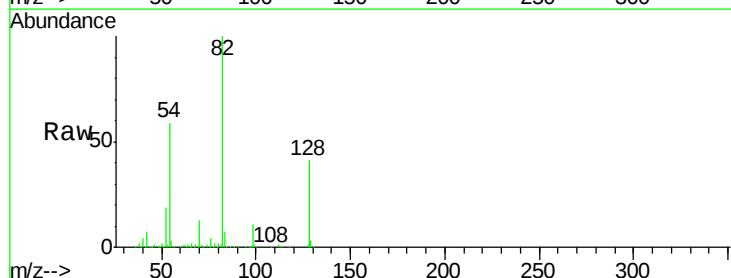
Ion Ratio Lower Upper

70 100

42 55.3 49.4 74.0

101 0.0 7.4 11.2#

130 1.8 14.2 21.4#

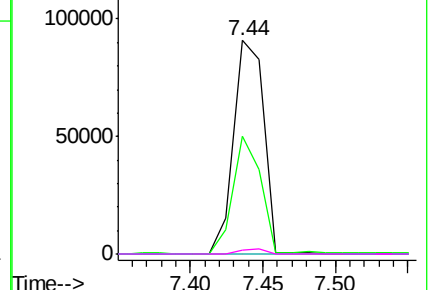
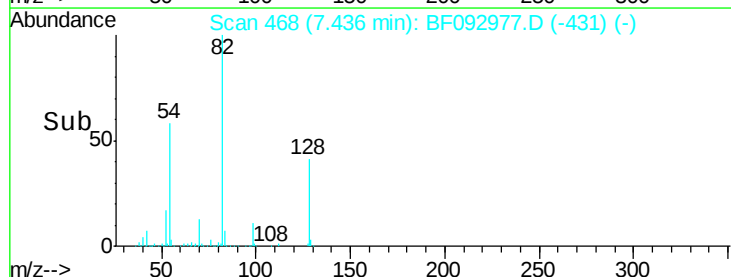


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

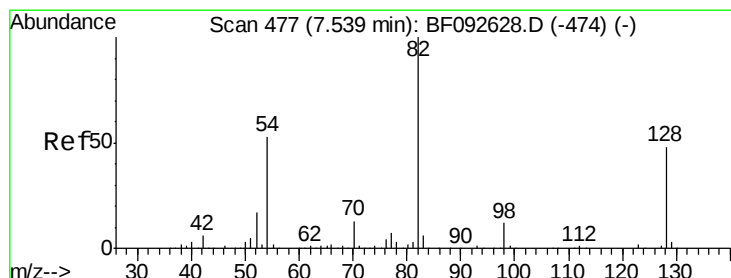
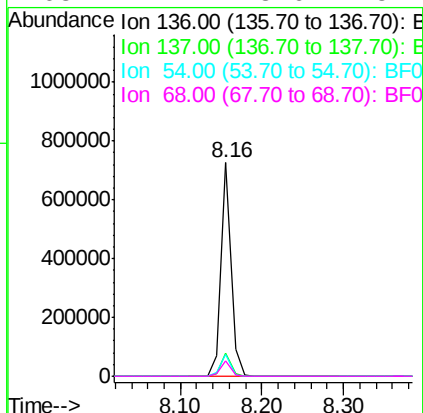
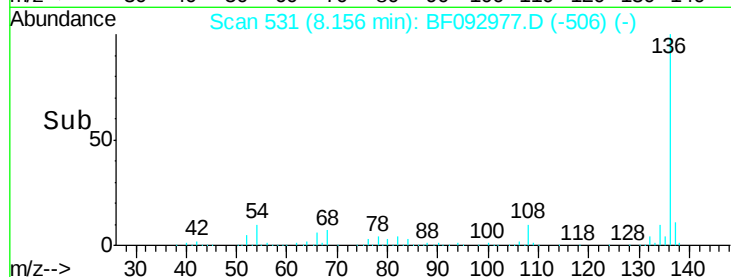
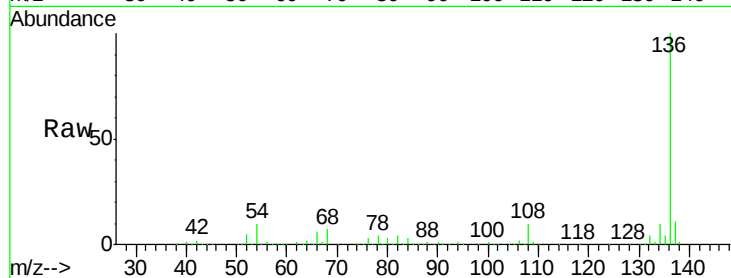




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF092977.D
Acq: 16 Feb 2017 5:32

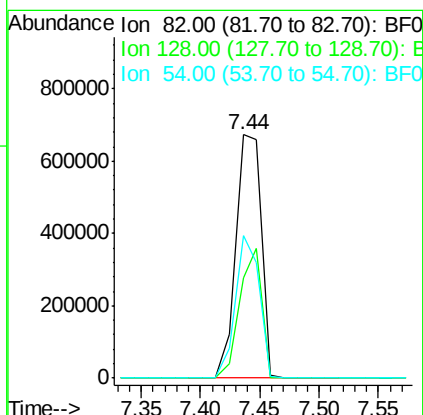
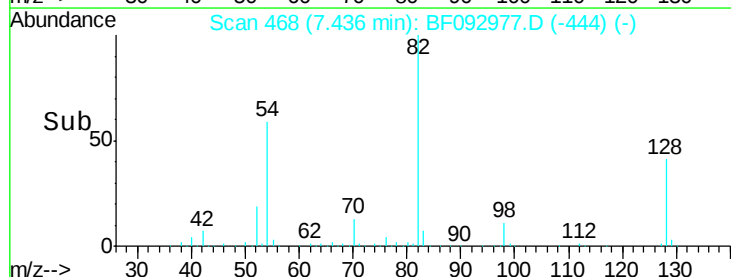
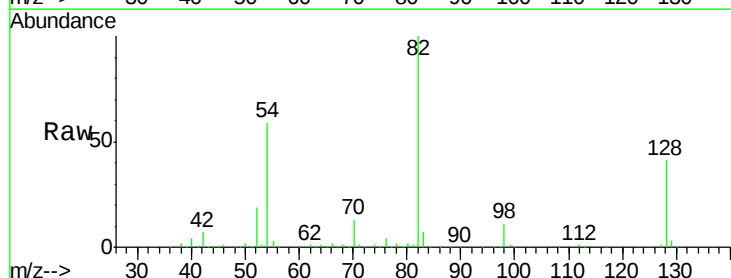
Instrument :
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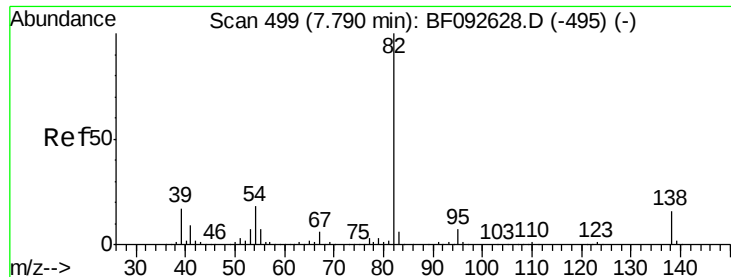
Tgt Ion:	136	Resp:	617886
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	10.3	4.5	6.7#
68	7.1	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 90.90 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF092977.D
Acq: 16 Feb 2017 5:32

Tgt Ion:	82	Resp:	1008637
Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.6	52.0
54	58.7	39.5	59.3





#25

Isophorone

Concen: 44.55 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.27 min

Lab File: BF092977.D

Acq: 16 Feb 2017 5:32

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-A-COMP

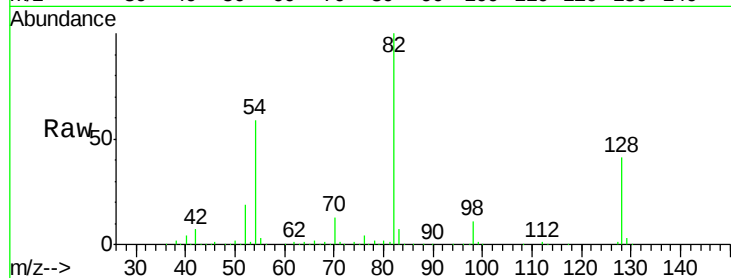
Tgt Ion: 82 Resp: 921070

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

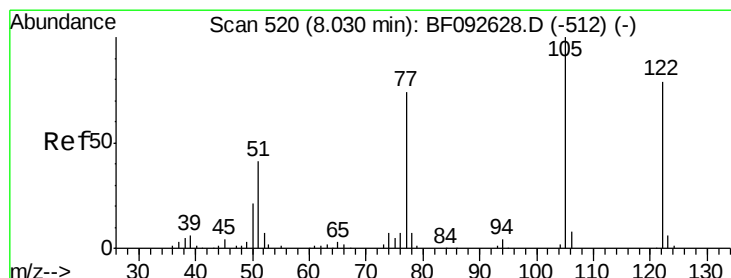
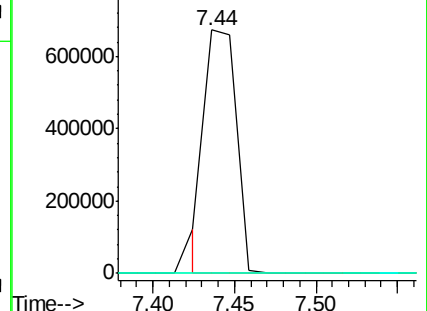
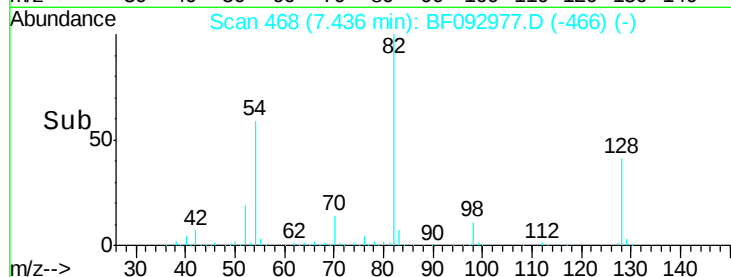
138 0.0 14.6 22.0#



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): BF0



#32

Benzoic acid

Concen: 7.25 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.15 min

Lab File: BF092977.D

Acq: 16 Feb 2017 5:32

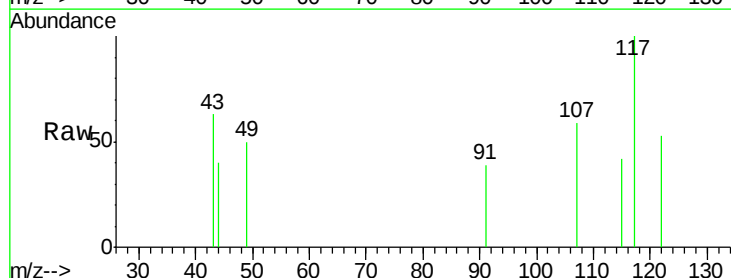
Tgt Ion: 122 Resp: 542

Ion Ratio Lower Upper

122 100

105 0.0 107.2 147.2#

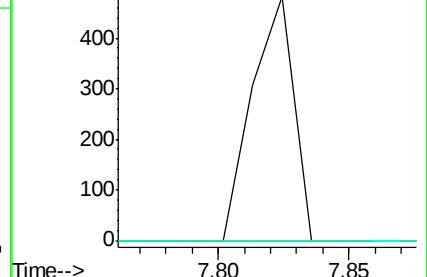
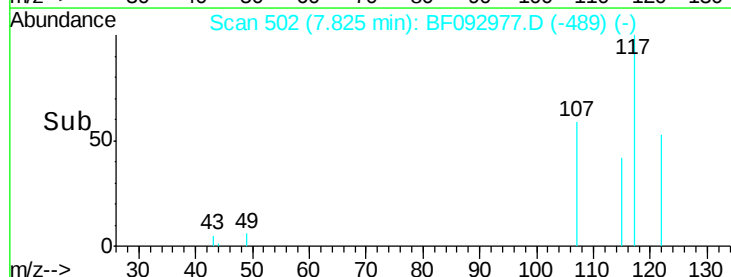
77 0.0 74.5 114.5#



Abundance Ion 122.00 (121.70 to 122.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

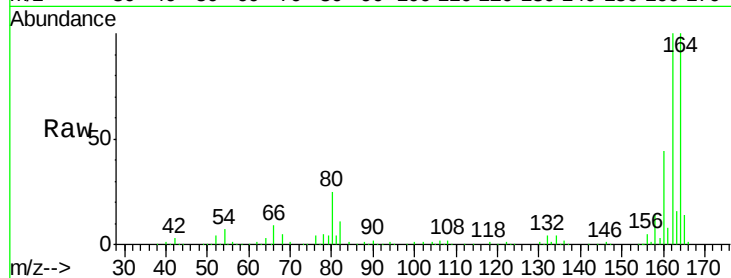




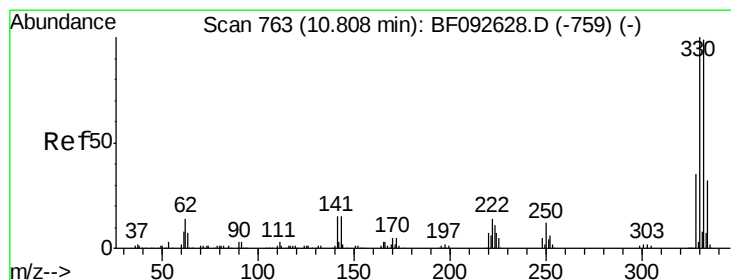
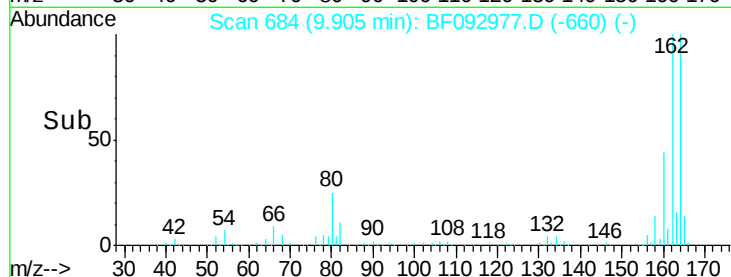
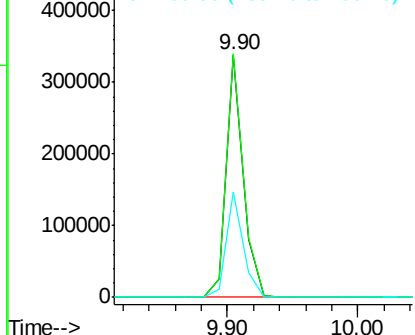
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF092977.D
Acq: 16 Feb 2017 5:32

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-A-COMP

Tgt Ion:164 Resp: 306757
Ion Ratio Lower Upper
164 100
162 100.4 80.2 120.2
160 43.7 36.9 55.3

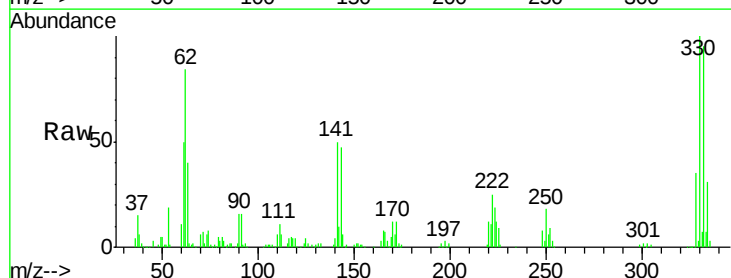


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

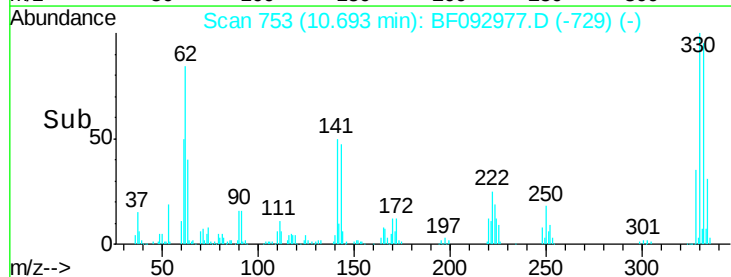
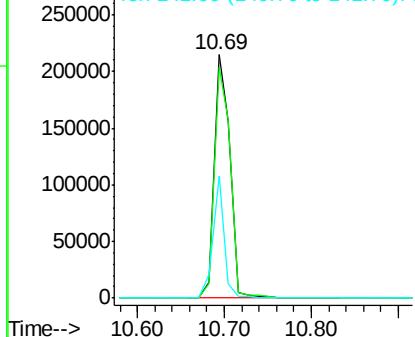


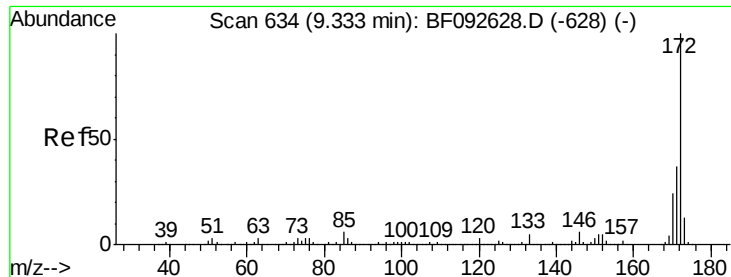
#41
2,4,6-Tribromophenol
Concen: 123.74 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF092977.D
Acq: 16 Feb 2017 5:32

Tgt Ion:330 Resp: 274544
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.2
141 36.3 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

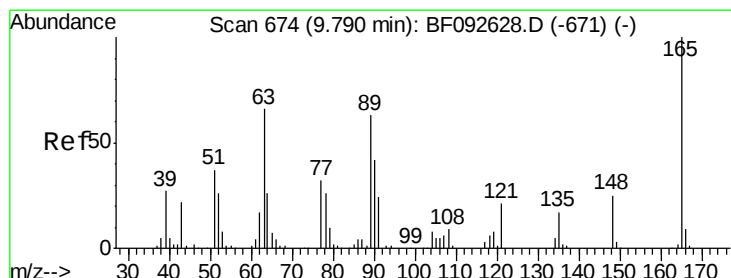
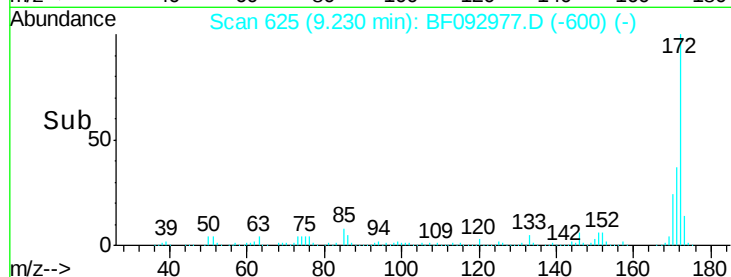
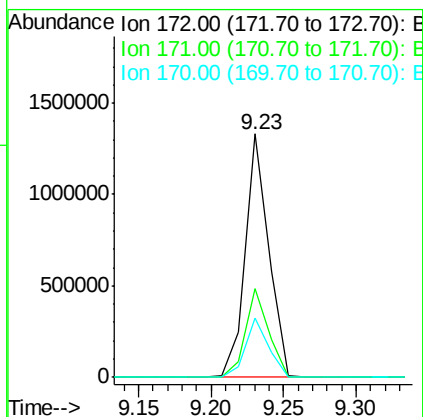
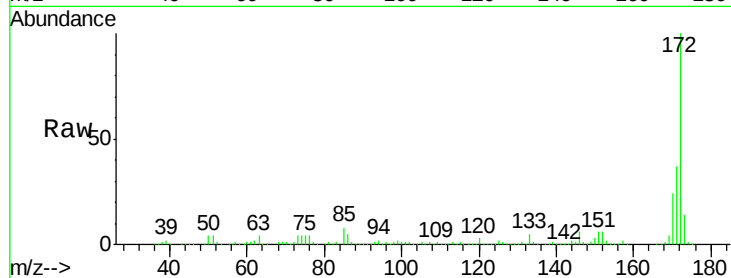




#44
 2-Fluorobiphenyl
 Concen: 88.29 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF092977.D
 Acq: 16 Feb 2017 5:32

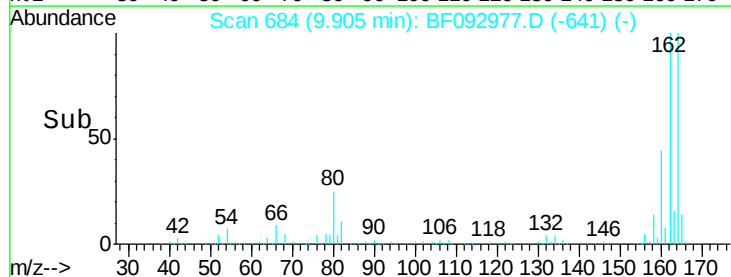
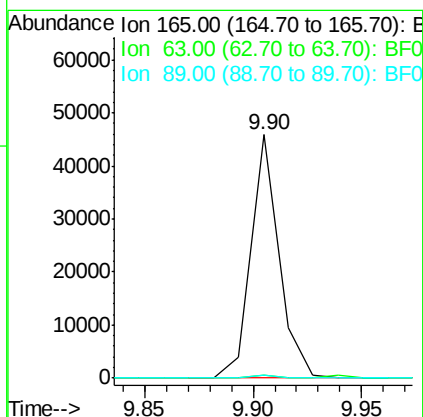
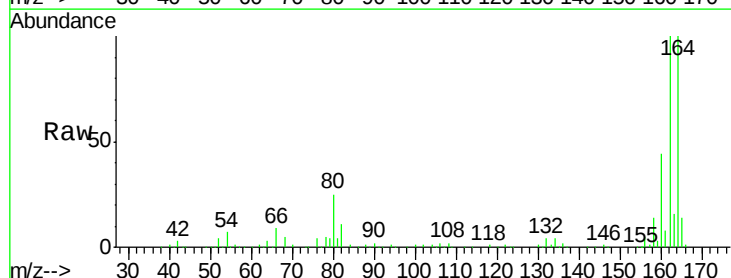
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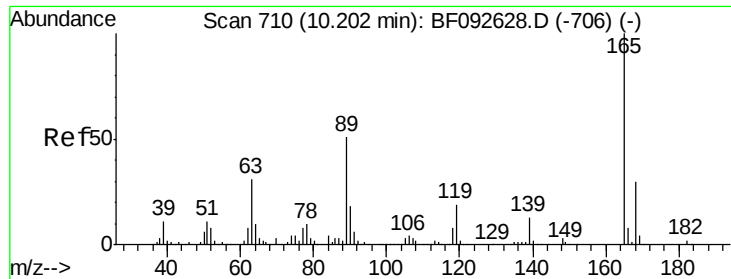
Tgt Ion:172 Resp: 1494930
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.4 20.2 30.4



#50
 2,6-Dinitrotoluene
 Concen: 9.20 ng
 RT: 9.90 min Scan# 684
 Delta R.T. 0.19 min
 Lab File: BF092977.D
 Acq: 16 Feb 2017 5:32

Tgt Ion:165 Resp: 41068
 Ion Ratio Lower Upper
 165 100
 63 1.1 36.2 54.4#
 89 1.0 40.2 60.4#

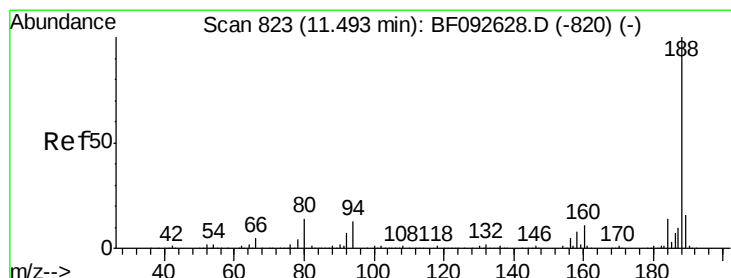
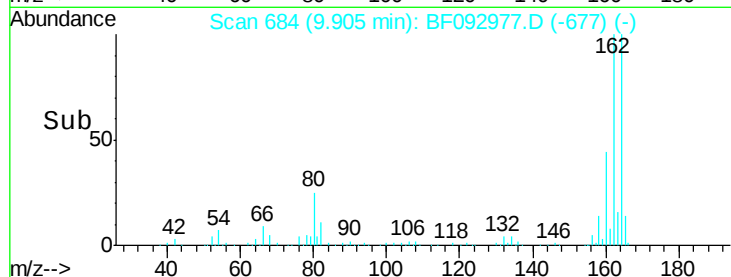
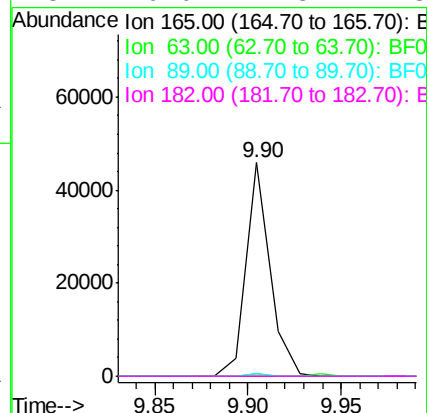
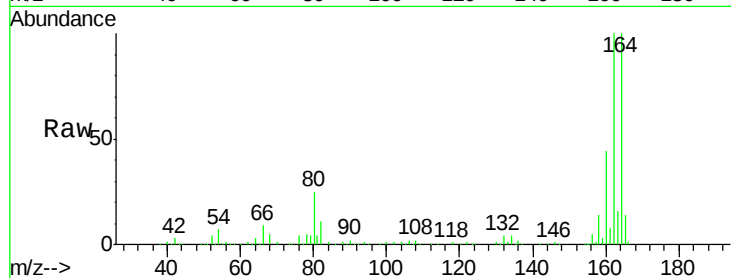




#56
 2,4-Dinitrotoluene
 Concen: 6.91 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.22 min
 Lab File: BF092977.D
 Acq: 16 Feb 2017 5:32

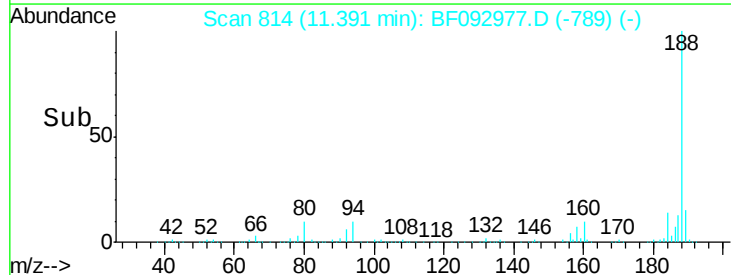
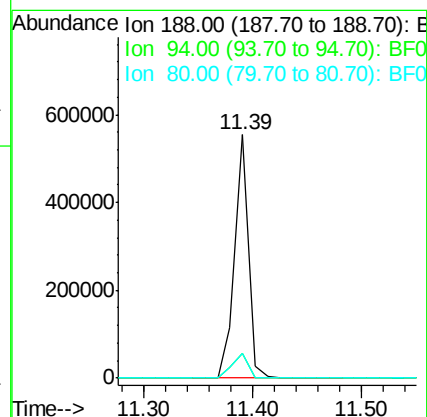
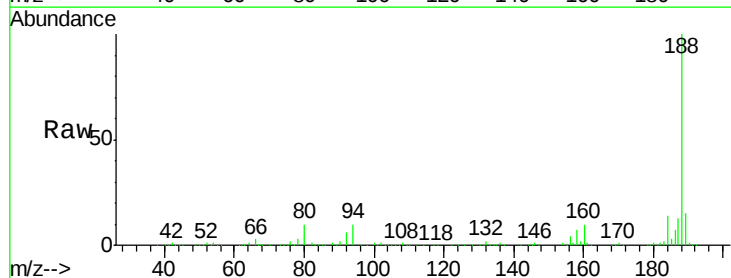
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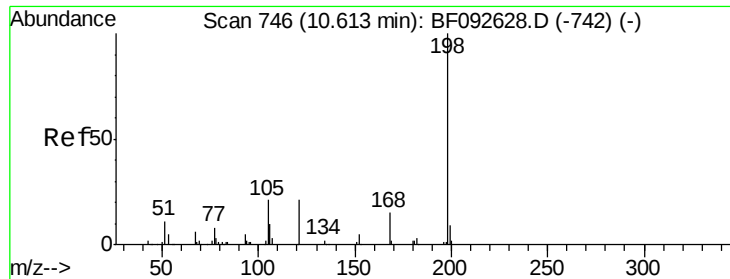
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.2	60.4#
89	1.0	62.5	93.7#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF092977.D
 Acq: 16 Feb 2017 5:32

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





#64

4,6-Dinitro-2-methylphenol

Concen: 2.81 ng

RT: 10.69 min Scan# 753

Delta R.T. 0.16 min

Lab File: BF092977.D

Acq: 16 Feb 2017 5:32

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-A-COMP

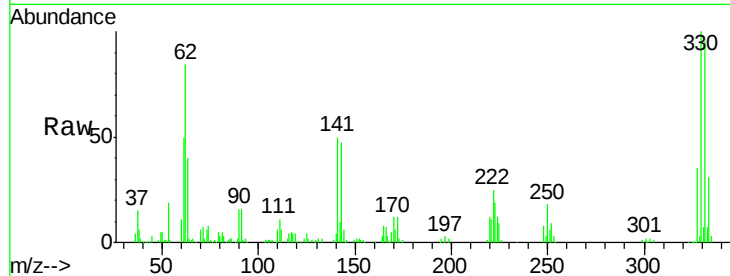
Tgt Ion:198 Resp: 447

Ion Ratio Lower Upper

198 100

51 233.3 6.7 46.7#

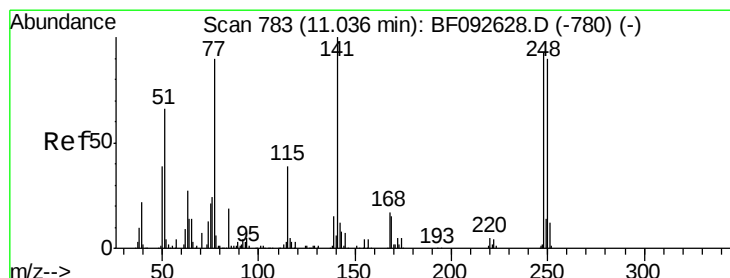
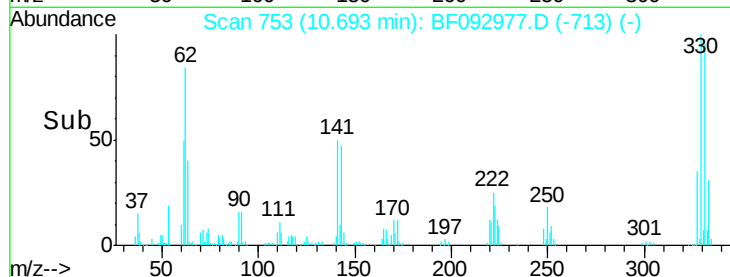
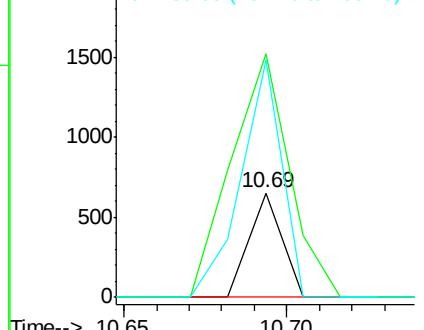
105 226.8 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.67 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.26 min

Lab File: BF092977.D

Acq: 16 Feb 2017 5:32

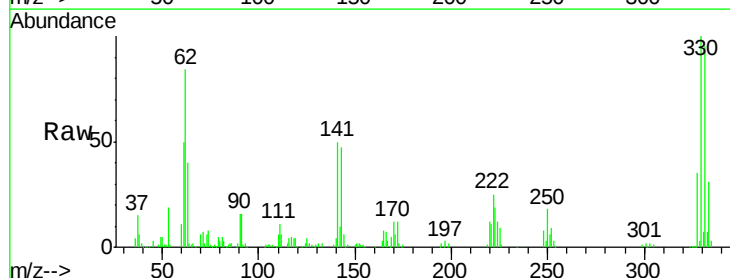
Tgt Ion:248 Resp: 18512

Ion Ratio Lower Upper

248 100

250 216.8 76.9 115.3#

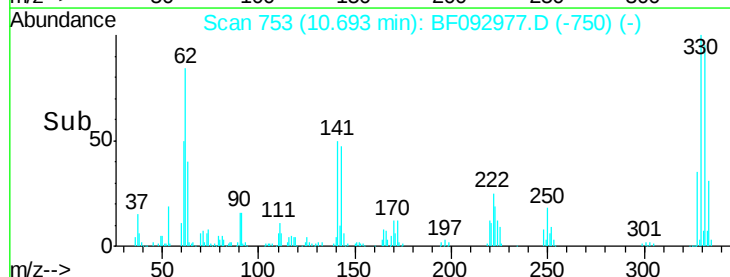
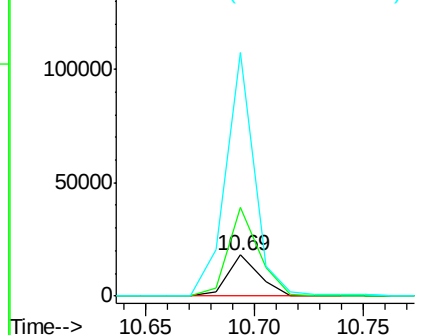
141 593.8 68.2 102.4#

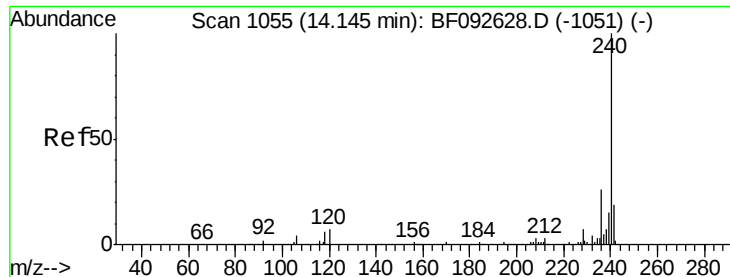


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF092977.D

Acq: 16 Feb 2017 5:32

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-A-COMP

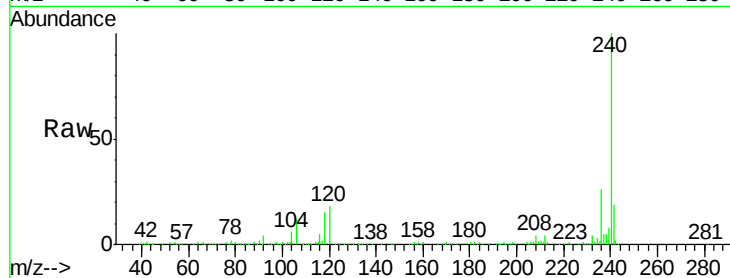
Tgt Ion:240 Resp: 321341

Ion Ratio Lower Upper

240 100

120 17.6 12.9 19.3

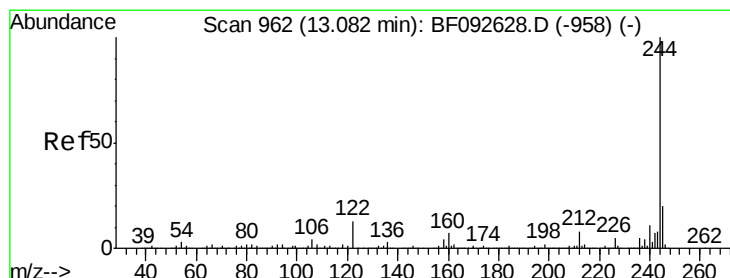
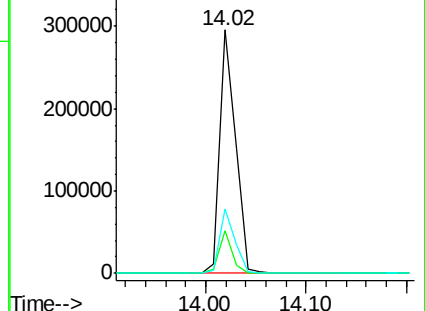
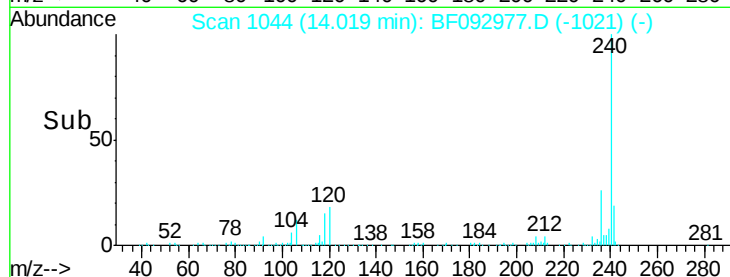
236 26.3 20.9 31.3



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: 93.64 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF092977.D

Acq: 16 Feb 2017 5:32

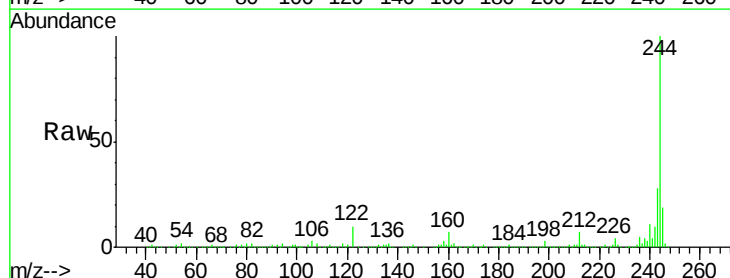
Tgt Ion:244 Resp: 1280641

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

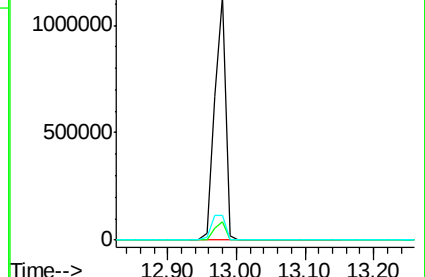
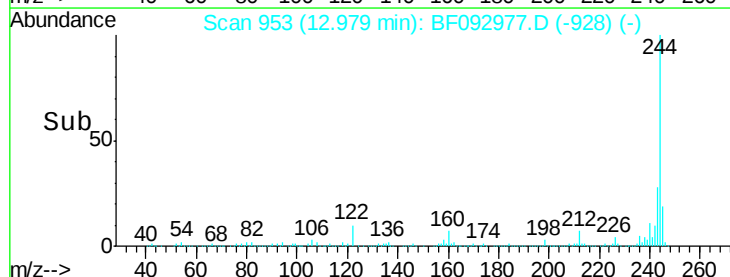
122 10.2 11.4 17.2#

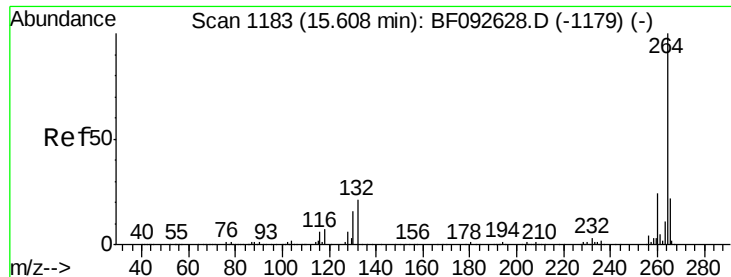


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

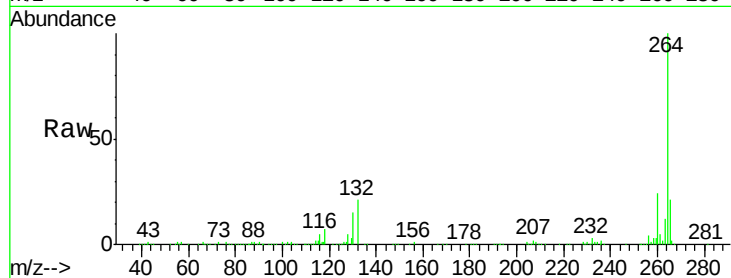




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF092977.D
Acq: 16 Feb 2017 5:32

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-A-COMP

Tgt Ion: 264 Resp: 282281
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 20.6 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

