

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020117\
 Data File : BF092725.D
 Acq On : 2 Feb 2017 2:09
 Operator : SJ/MA
 Sample : I1615-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-3

Quant Time: Feb 02 02:42:00 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

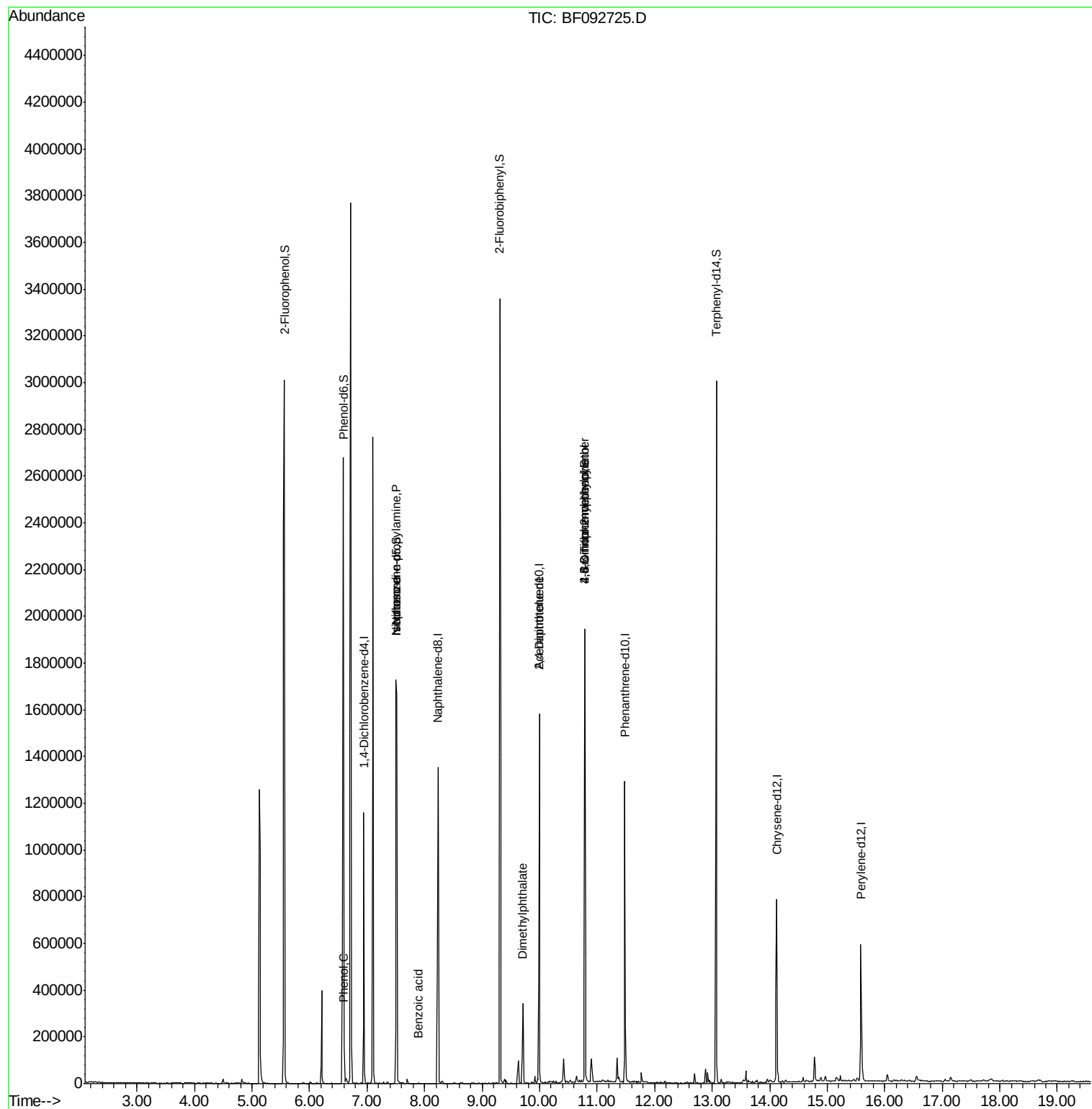
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	161155	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	637861	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	335635	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	446854	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	304618	20.00	ng	-0.02
86) Perylene-d12	15.59	264	272737	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1075002	114.44	ng	-0.01
7) Phenol-d6	6.59	99	1367146	113.12	ng	-0.01
23) Nitrobenzene-d5	7.50	82	849660	74.18	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	223756	92.17	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1235657	66.70	ng	-0.02
78) Terphenyl-d14	13.07	244	936608	72.25	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	69588	4.92	ng	# 66
19) n-Nitroso-di-n-propylamine	7.50	70	113130	14.70	ng	# 83
25) Isophorone	7.50	82	801088	37.53	ng	# 65
32) Benzoic acid	7.89	122	243	7.20	ng	# 1
49) Dimethylphthalate	9.71	163	144831	6.41	ng	99
56) 2,4-Dinitrotoluene	10.00	165	43178	6.64	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.78	198	427	2.82	ng	# 1
66) 4-Bromophenyl-phenylether	10.78	248	16705	3.58	ng	# 1

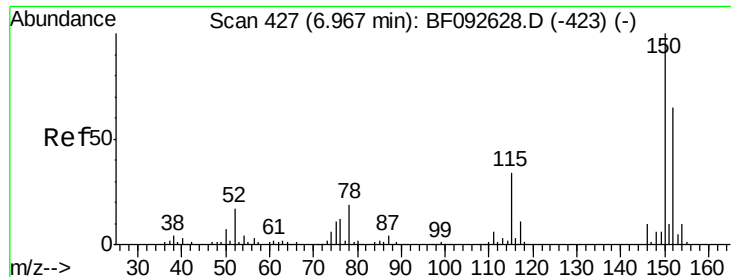
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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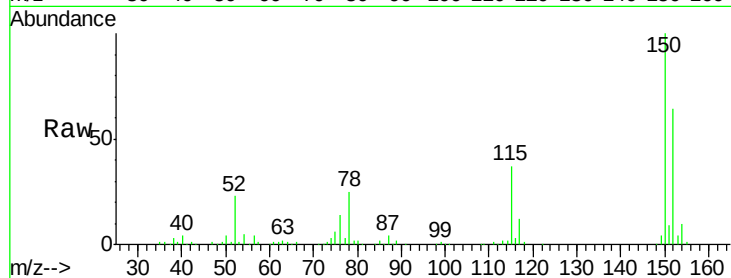


#1

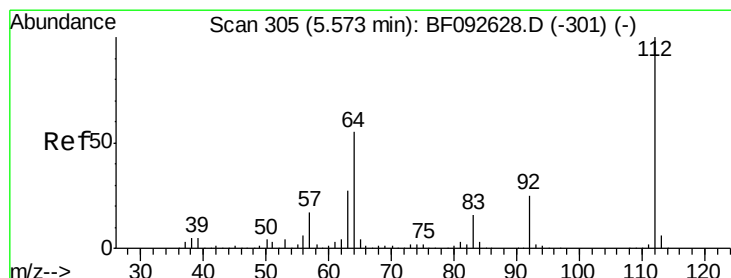
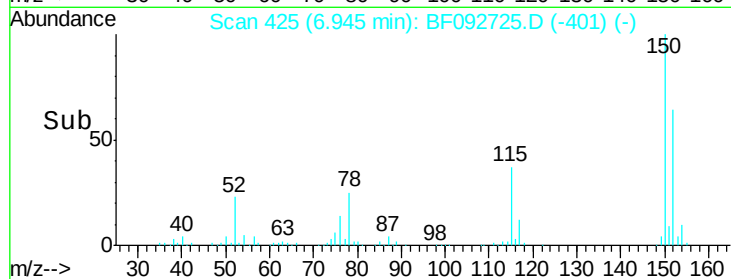
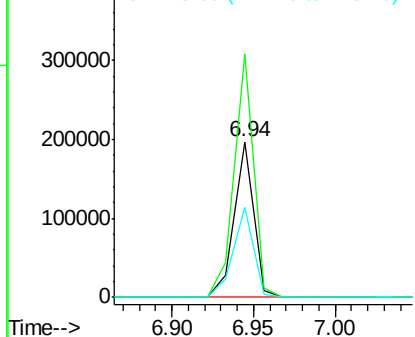
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 425
 Delta R.T. -0.02 min
 Lab File: BF092725.D
 Acq: 2 Feb 2017 2:09

Instrument :
 BNA_F
 ClientSampled :
 SS-3

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.9	187.3
115	57.9	46.0	69.0



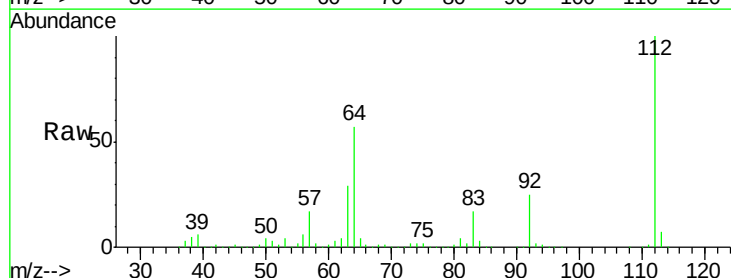
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



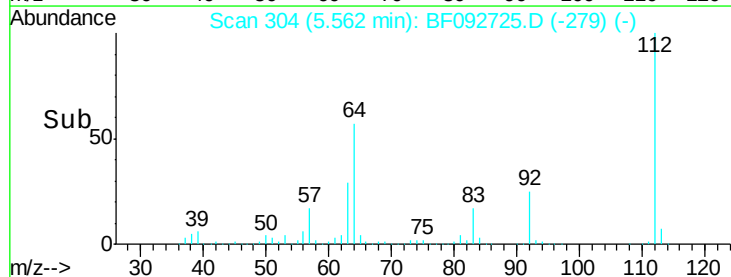
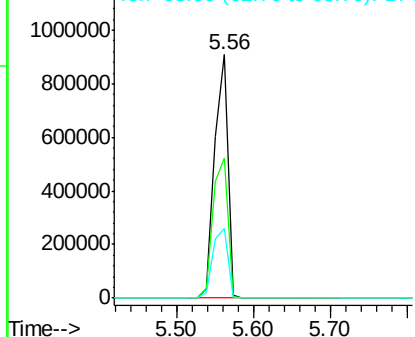
#5

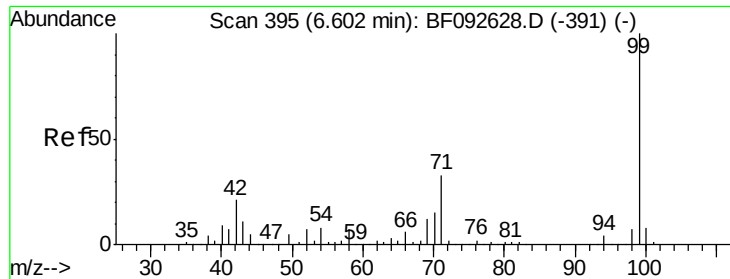
2-Fluorophenol
 Concen: 114.44 ng
 RT: 5.56 min Scan# 304
 Delta R.T. -0.01 min
 Lab File: BF092725.D
 Acq: 2 Feb 2017 2:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	46.1	69.1
63	28.6	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: 113.12 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092725.D

Acq: 2 Feb 2017 2:09

Instrument :

BNA_F

ClientSampleId :

SS-3

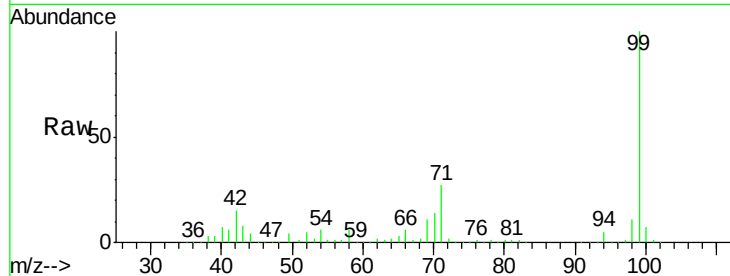
Tgt Ion: 99 Resp: 1367146

Ion Ratio Lower Upper

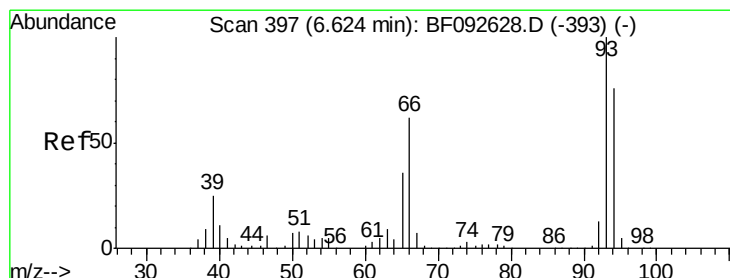
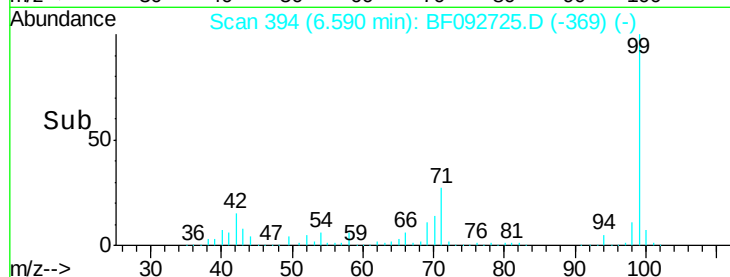
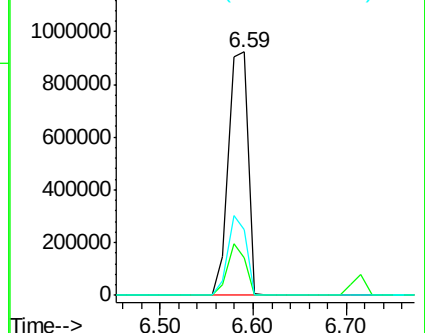
99 100

42 15.2 15.6 23.4#

71 27.1 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



#10

Phenol

Concen: 4.92 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092725.D

Acq: 2 Feb 2017 2:09

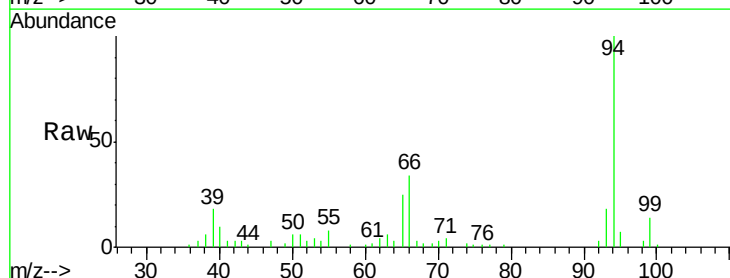
Tgt Ion: 94 Resp: 69588

Ion Ratio Lower Upper

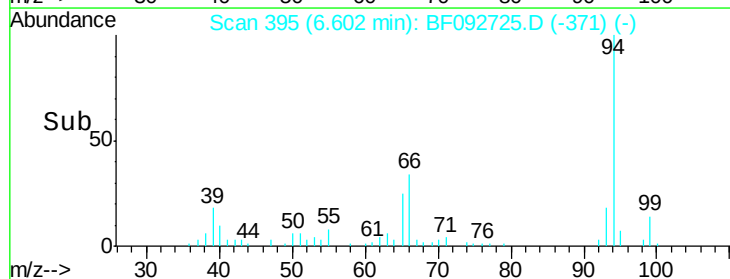
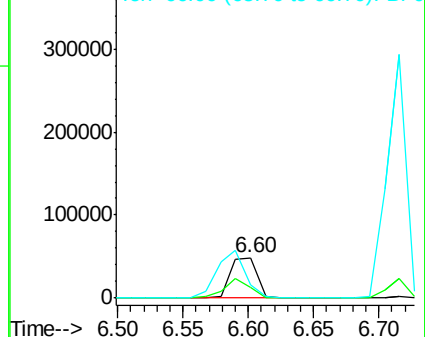
94 100

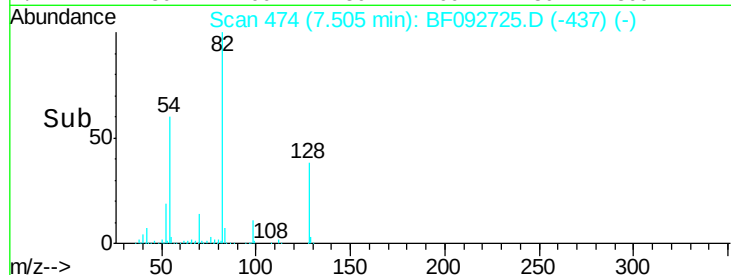
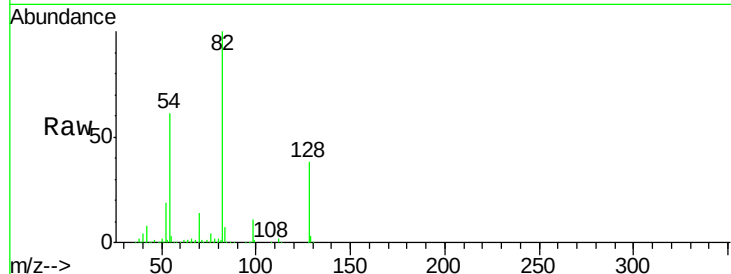
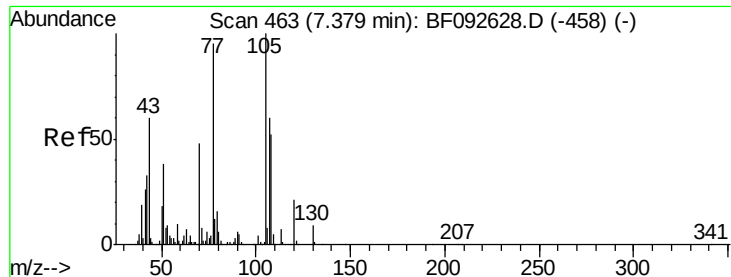
65 24.9 21.4 61.4

66 34.0 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

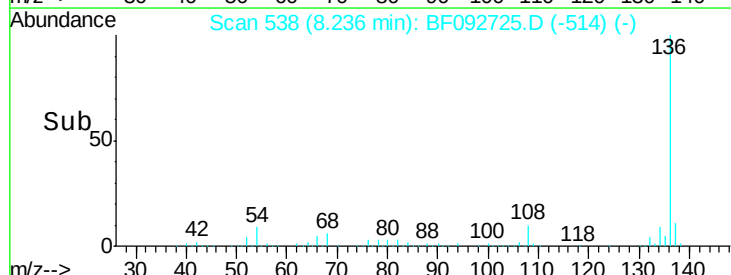
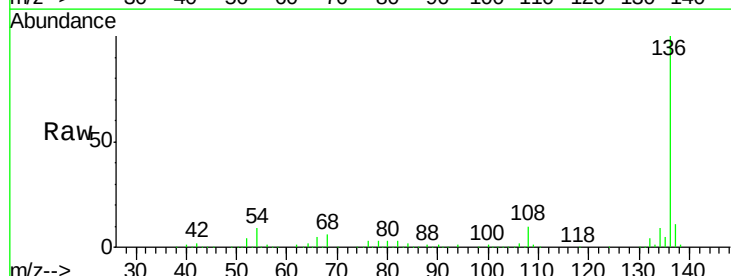
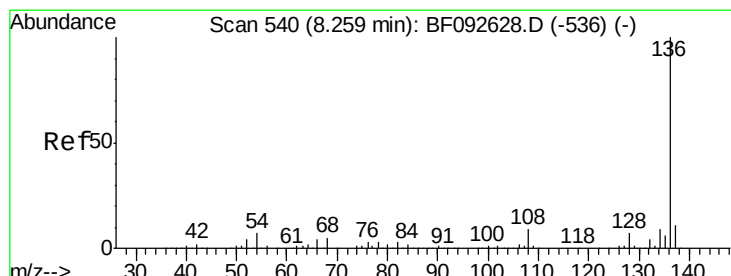
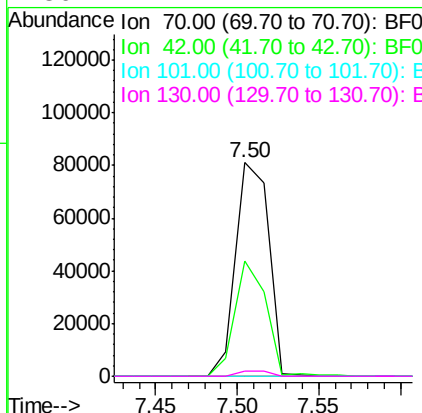




#19
n-Nitroso-di-n-propylamine
Concen: 14.70 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.13 min
Lab File: BF092725.D
Acq: 2 Feb 2017 2:09

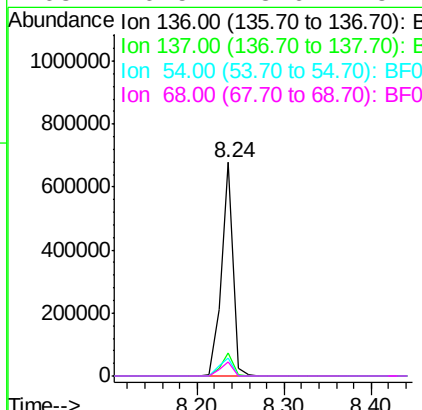
Instrument :
BNA_F
ClientSampleId :
SS-3

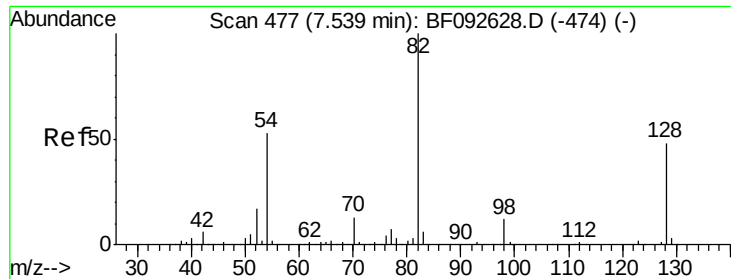
Tgt Ion:	70	Resp:	113130
Ion	Ratio	Lower	Upper
70	100		
42	54.2	49.4	74.0
101	0.0	7.4	11.2#
130	2.2	14.2	21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092725.D
Acq: 2 Feb 2017 2:09

Tgt Ion:	136	Resp:	637861
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	8.7	4.5	6.7#
68	6.5	3.6	5.4#

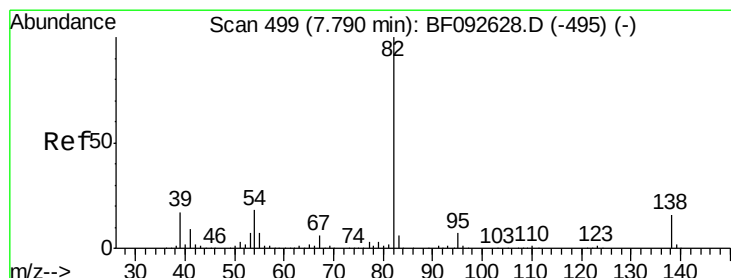
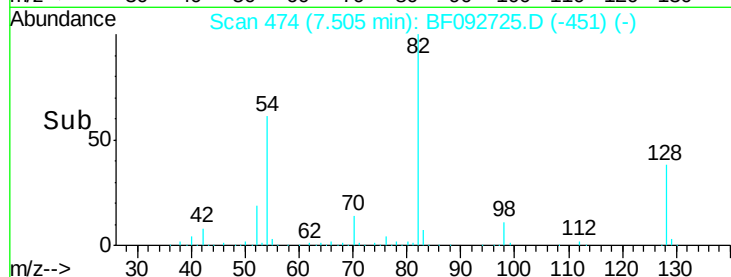
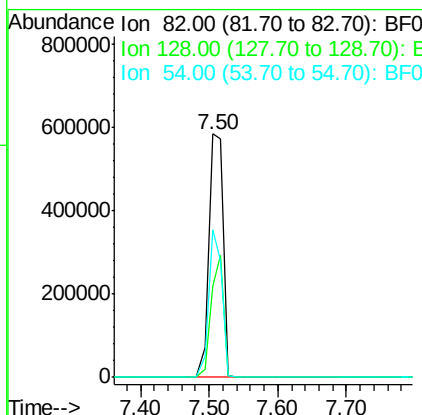
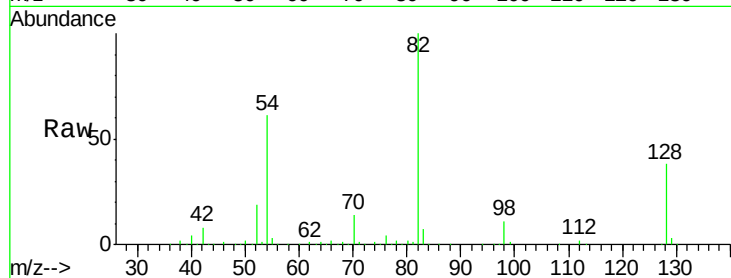




#23
 Nitrobenzene-d5
 Concen: 74.18 ng
 RT: 7.50 min Scan# 474
 Delta R.T. -0.03 min
 Lab File: BF092725.D
 Acq: 2 Feb 2017 2:09

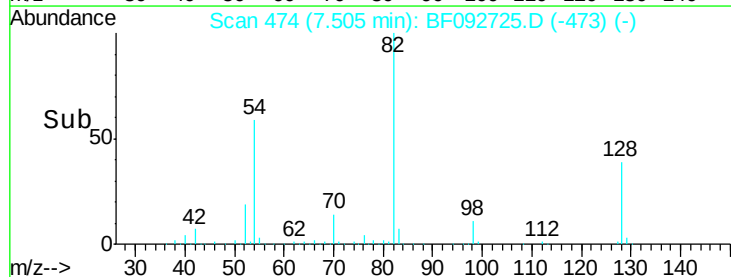
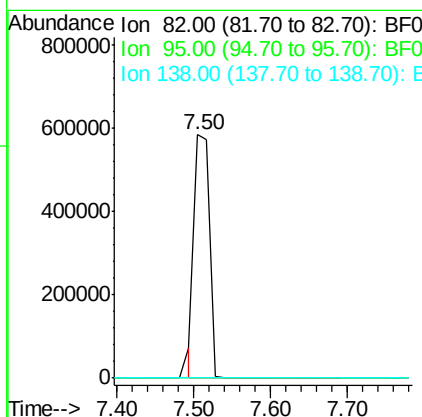
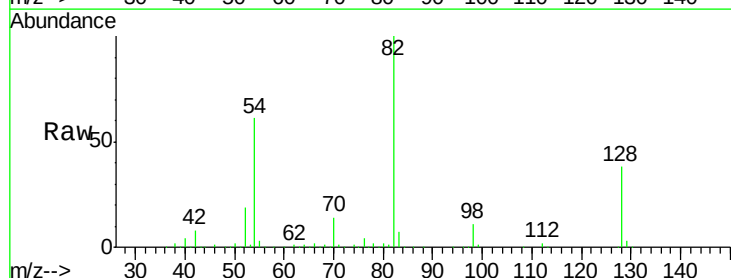
Instrument :
 BNA_F
 ClientSampleId :
 SS-3

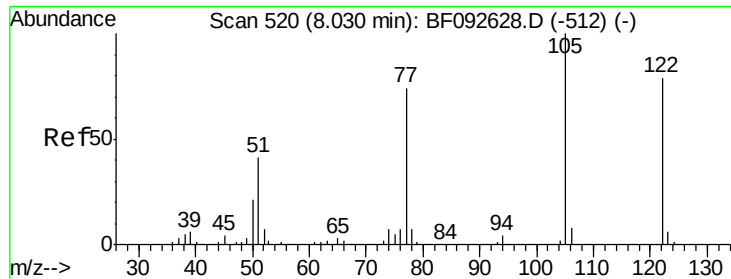
Tgt Ion: 82 Resp: 849660
 Ion Ratio Lower Upper
 82 100
 128 37.7 34.6 52.0
 54 60.5 39.5 59.3#



#25
 Isophorone
 Concen: 37.53 ng
 RT: 7.50 min Scan# 474
 Delta R.T. -0.29 min
 Lab File: BF092725.D
 Acq: 2 Feb 2017 2:09

Tgt Ion: 82 Resp: 801088
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#

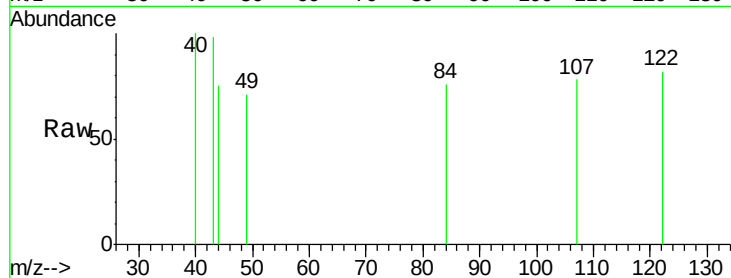




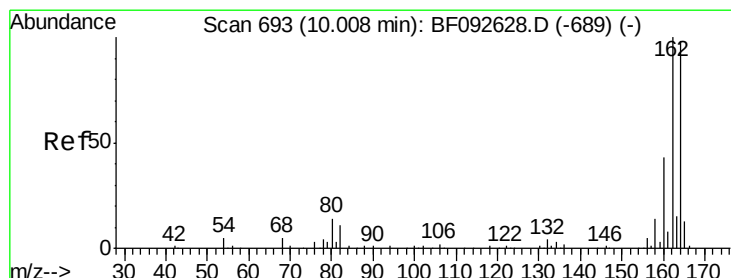
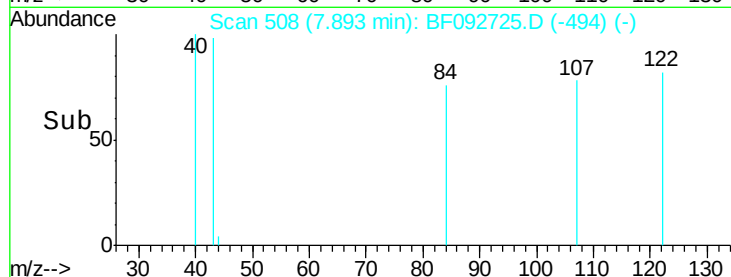
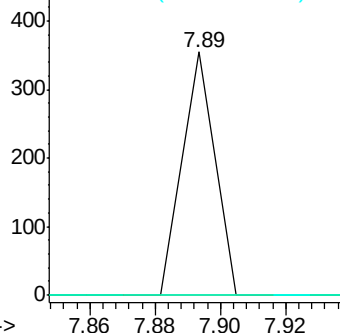
#32
Benzoic acid
Concen: 7.20 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.14 min
Lab File: BF092725.D
Acq: 2 Feb 2017 2:09

Instrument :
BNA_F
ClientSampleId :
SS-3

Tgt Ion:122 Resp: 243
Ion Ratio Lower Upper
122 100
105 0.0 107.2 147.2#
77 0.0 74.5 114.5#

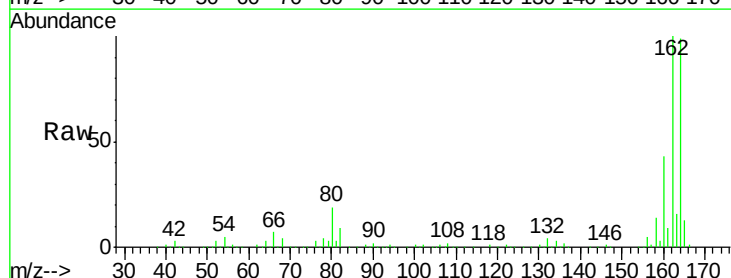


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

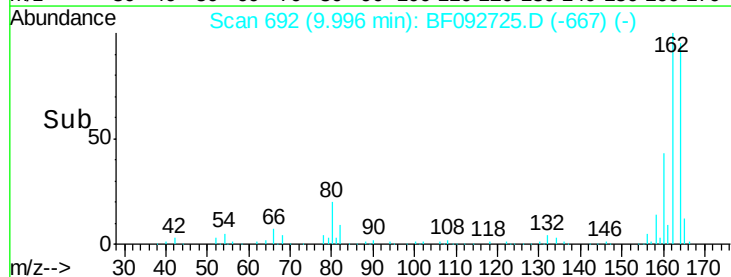
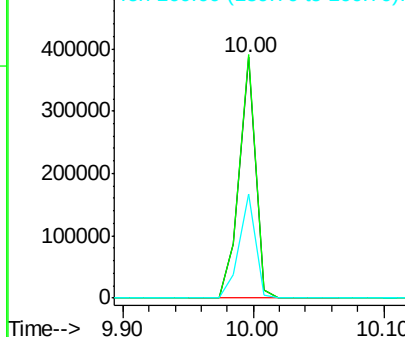


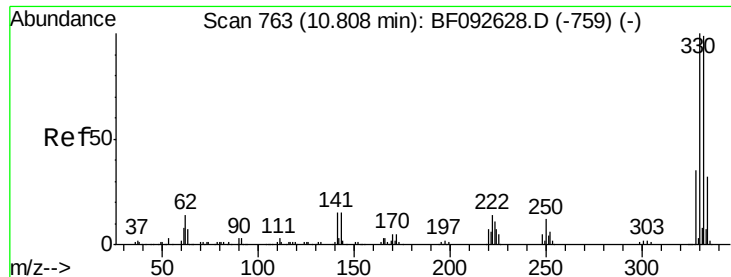
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF092725.D
Acq: 2 Feb 2017 2:09

Tgt Ion:164 Resp: 335635
Ion Ratio Lower Upper
164 100
162 101.1 80.2 120.2
160 43.2 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

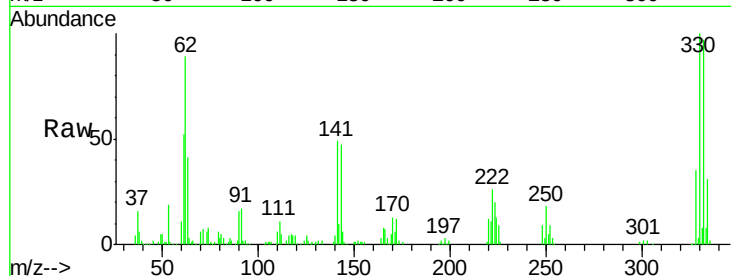




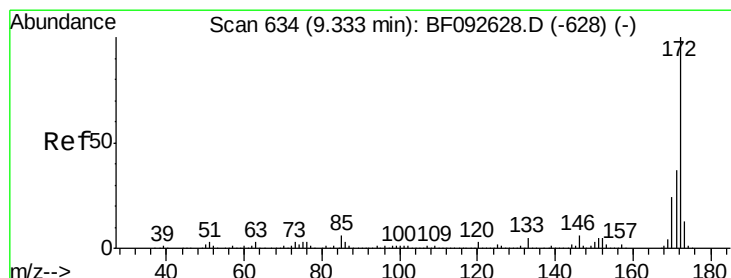
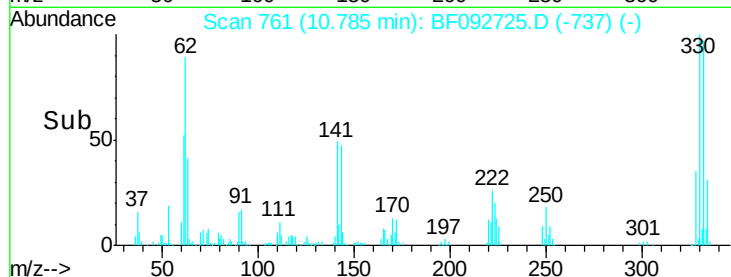
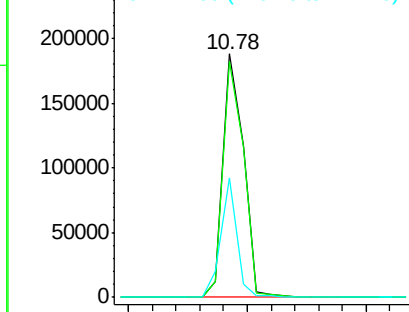
#41
 2,4,6-Tribromophenol
 Concen: 92.17 ng
 RT: 10.78 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: BF092725.D
 Acq: 2 Feb 2017 2:09

Instrument :
 BNA_F
 ClientSampleId :
 SS-3

Tgt Ion:330 Resp: 223756
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.4 116.2
 141 38.4 34.1 51.1

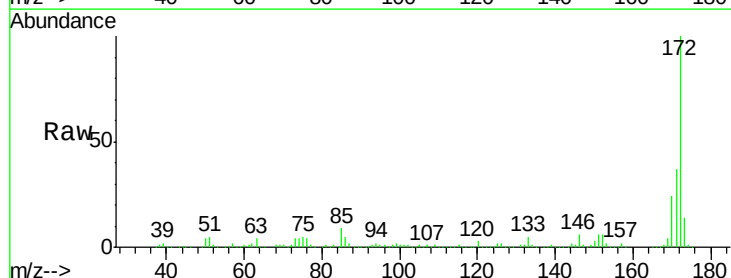


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

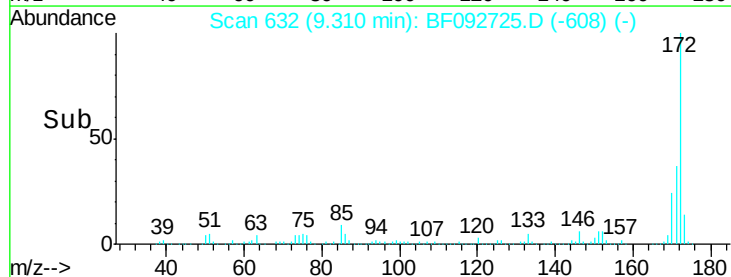
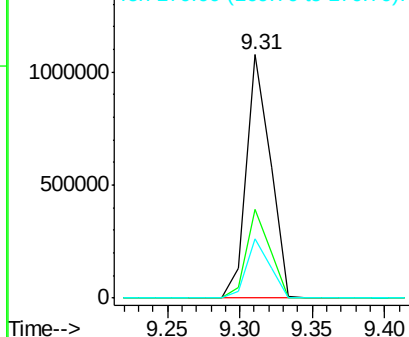


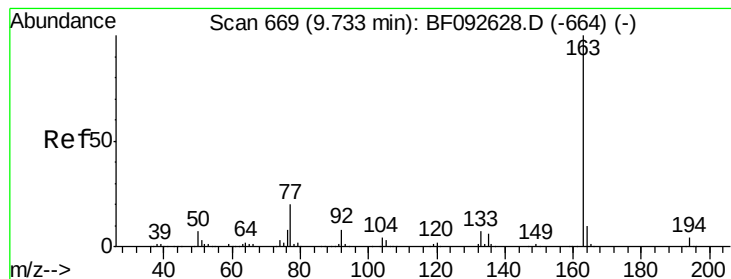
#44
 2-Fluorobiphenyl
 Concen: 66.70 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF092725.D
 Acq: 2 Feb 2017 2:09

Tgt Ion:172 Resp: 1235657
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.4 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: 6.41 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF092725.D

Acq: 2 Feb 2017 2:09

Instrument :

BNA_F

ClientSampleId :

SS-3

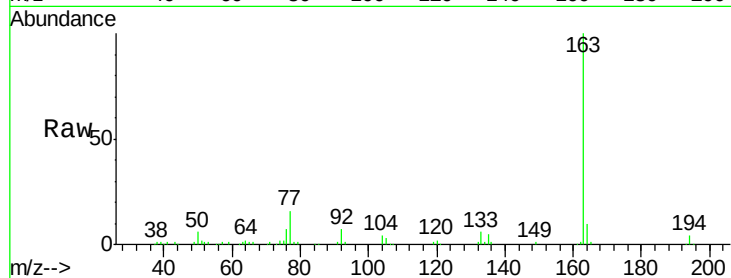
Tgt Ion:163 Resp: 144831

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

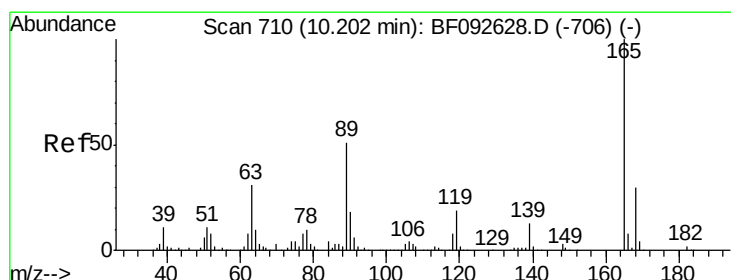
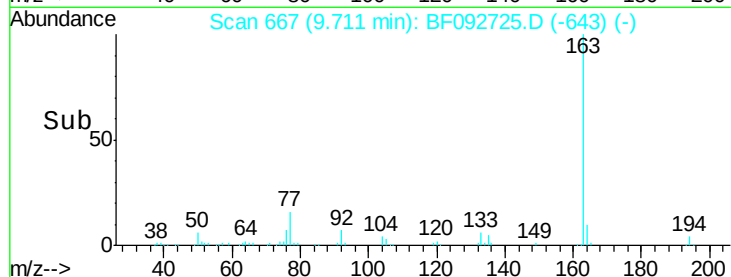
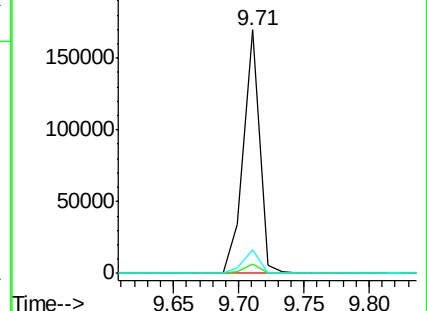
164 9.7 8.0 12.0



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



#56

2,4-Dinitrotoluene

Concen: 6.64 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.21 min

Lab File: BF092725.D

Acq: 2 Feb 2017 2:09

Tgt Ion:165 Resp: 43178

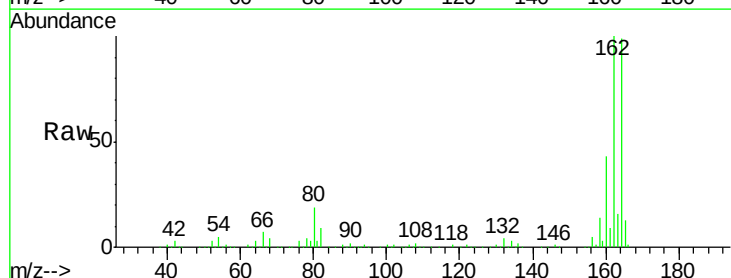
Ion Ratio Lower Upper

165 100

63 0.6 40.2 60.4#

89 0.7 62.5 93.7#

182 0.0 1.8 2.8#

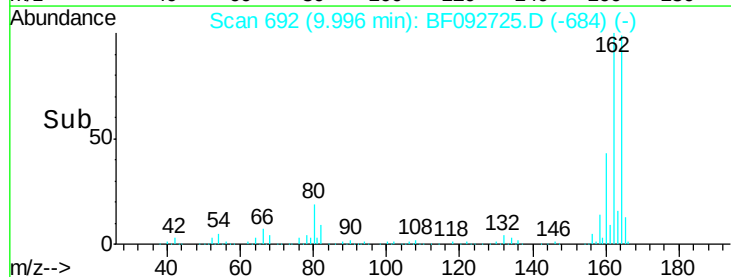
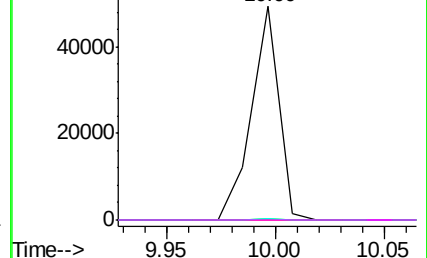


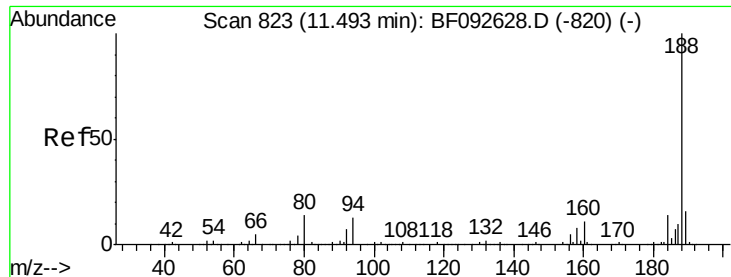
Abundance Ion 165.00 (164.70 to 165.70): E

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

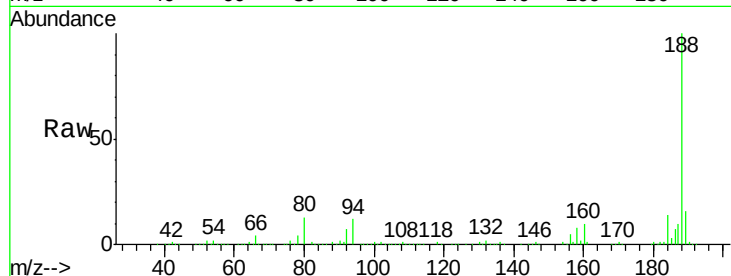




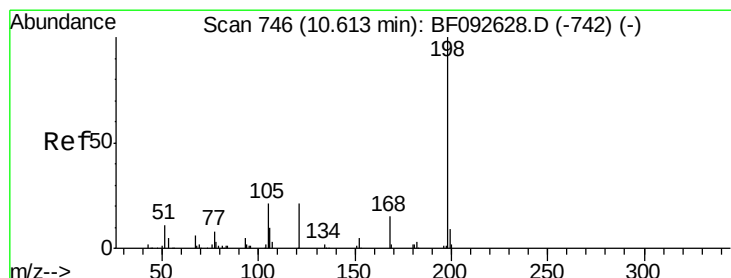
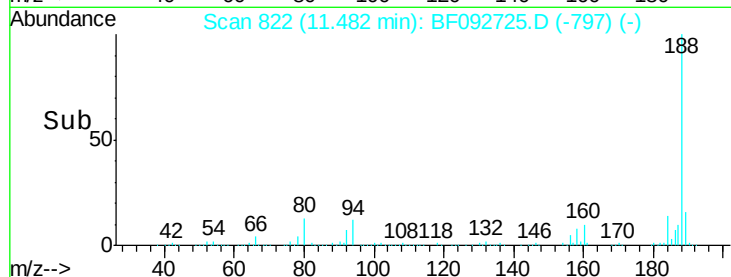
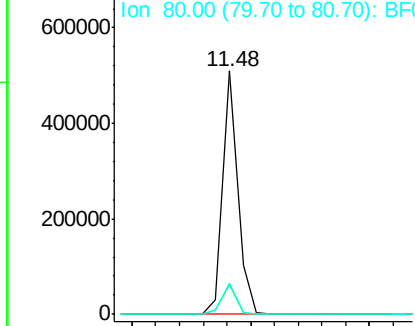
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF092725.D
Acq: 2 Feb 2017 2:09

Instrument :
BNA_F
ClientSampleId :
SS-3

Tgt Ion:188 Resp: 446854
Ion Ratio Lower Upper
188 100
94 12.1 10.0 15.0
80 12.5 11.2 16.8

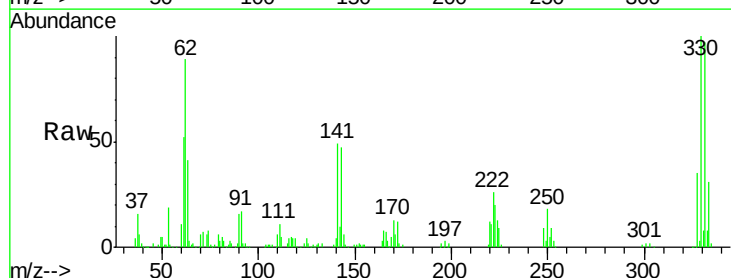


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

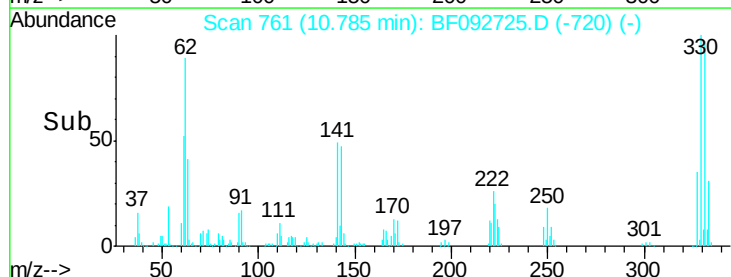
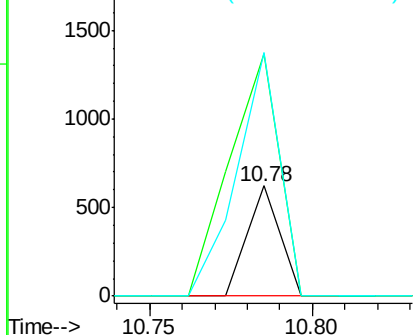


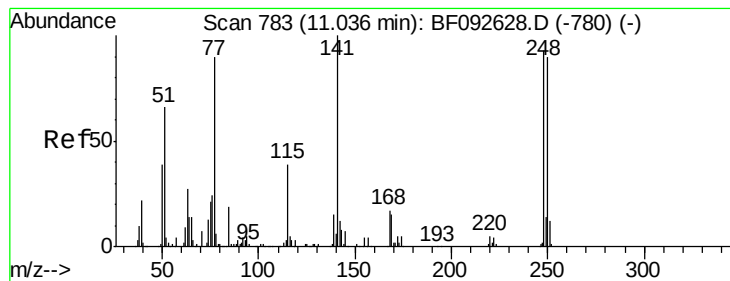
#64
4,6-Dinitro-2-methylphenol
Concen: 2.82 ng
RT: 10.78 min Scan# 761
Delta R.T. 0.17 min
Lab File: BF092725.D
Acq: 2 Feb 2017 2:09

Tgt Ion:198 Resp: 427
Ion Ratio Lower Upper
198 100
51 219.7 6.7 46.7#
105 220.5 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: 3.58 ng

RT: 10.78 min Scan# 761

Delta R.T. -0.25 min

Lab File: BF092725.D

Acq: 2 Feb 2017 2:09

Instrument :

BNA_F

ClientSampleId :

SS-3

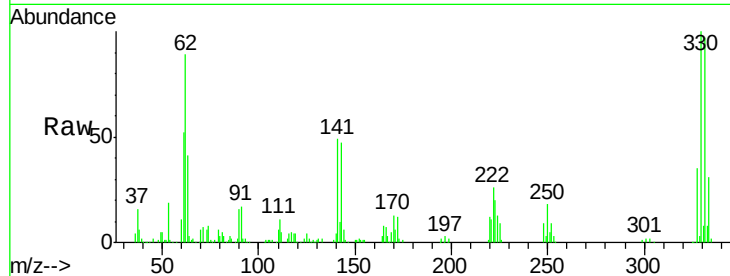
Tgt Ion:248 Resp: 16705

Ion Ratio Lower Upper

248 100

250 190.6 76.9 115.3#

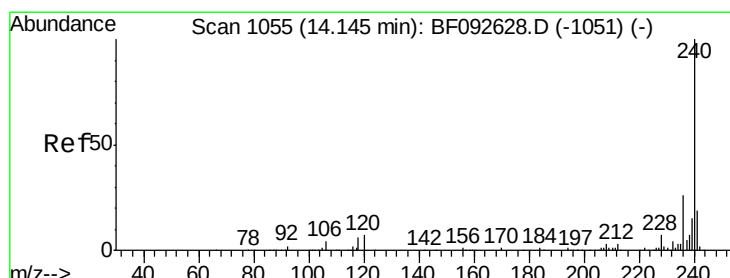
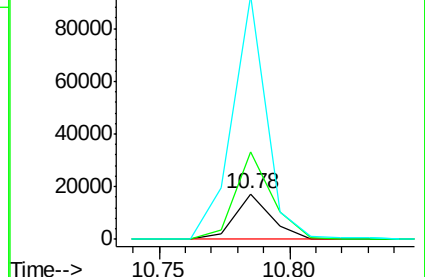
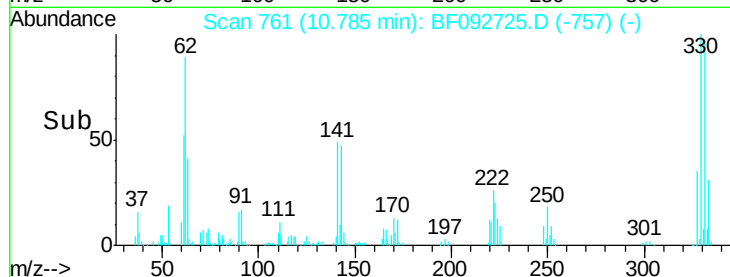
141 533.9 68.2 102.4#



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: 14.12 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BF092725.D

Acq: 2 Feb 2017 2:09

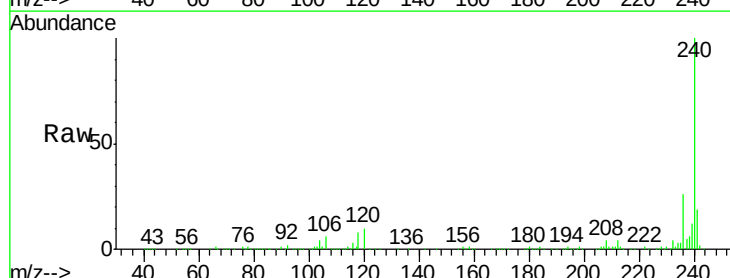
Tgt Ion:240 Resp: 304618

Ion Ratio Lower Upper

240 100

120 10.1 12.9 19.3#

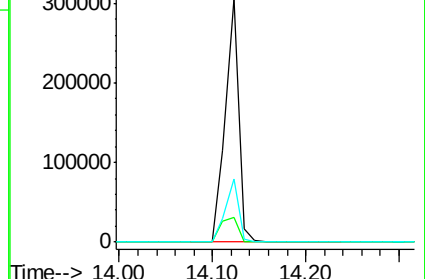
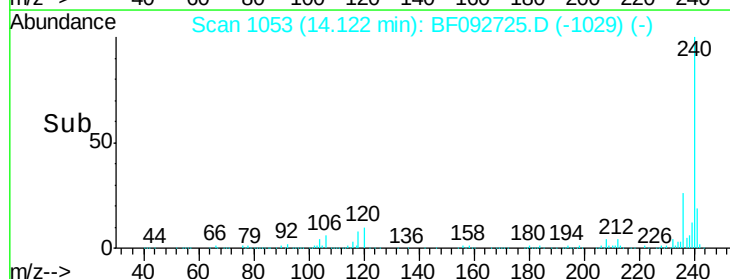
236 25.8 20.9 31.3

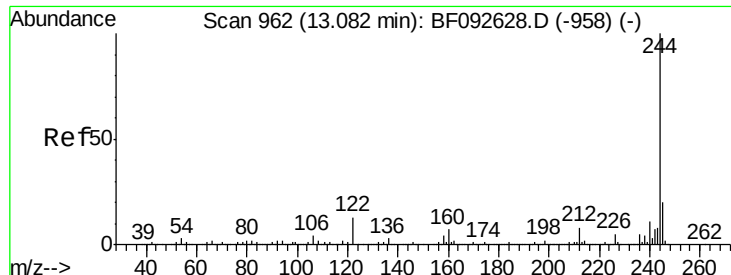


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.25 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF092725.D

Acq: 2 Feb 2017 2:09

Instrument :

BNA_F

ClientSampled :

SS-3

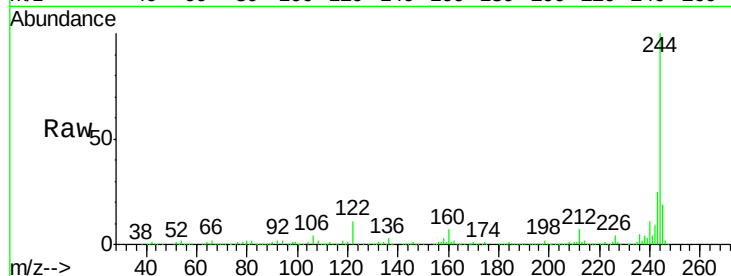
Tgt Ion:244 Resp: 936608

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

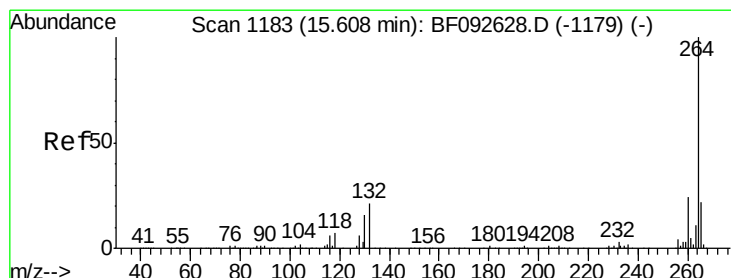
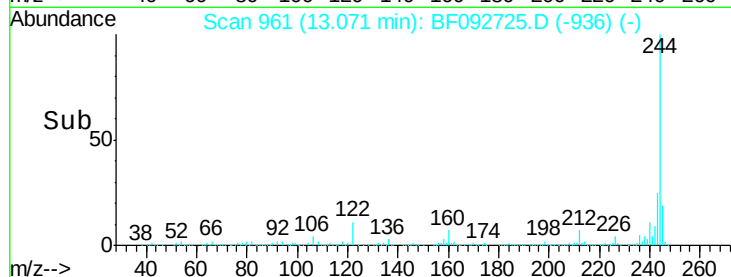
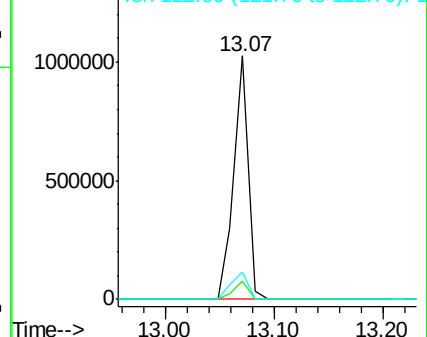
122 11.0 11.4 17.2#



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: 15.59 min Scan# 1181

Delta R.T. -0.02 min

Lab File: BF092725.D

Acq: 2 Feb 2017 2:09

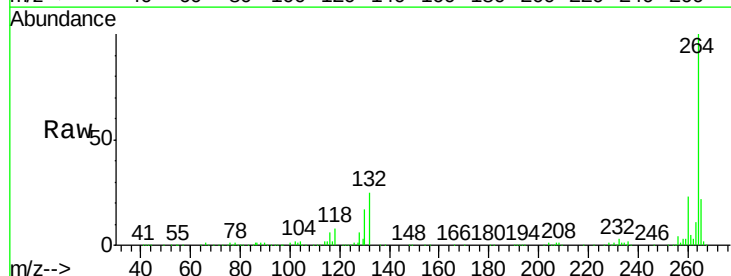
Tgt Ion:264 Resp: 272737

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.8 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

