

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020117\
 Data File : BF092733.D
 Acq On : 2 Feb 2017 5:48
 Operator : SJ/MA
 Sample : I1615-10
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-10

Quant Time: Feb 02 06:18:31 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	158202	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	585834	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	241871	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	321245	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	320681	20.00	ng	-0.02
86) Perylene-d12	15.60	264	271600	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	1325482	143.74	ng	-0.01
7) Phenol-d6	6.59	99	1613451	135.99	ng	-0.01
23) Nitrobenzene-d5	7.52	82	1126098	107.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	237654	135.85	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1600697	119.90	ng	-0.01
78) Terphenyl-d14	13.07	244	939684	68.85	ng	-0.01

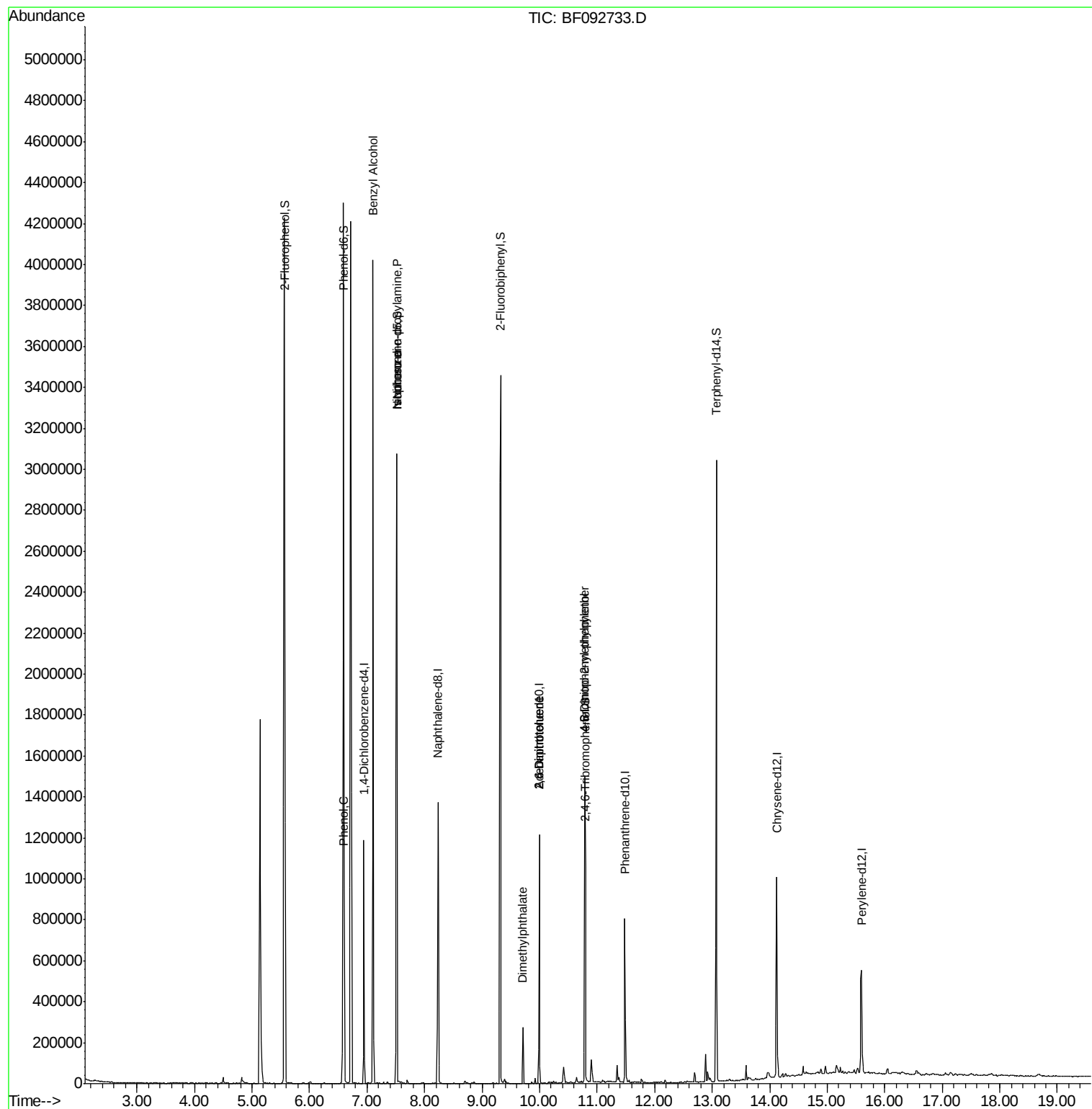
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.60	94	161649	11.64	ng	# 70
15) Benzyl Alcohol	7.10	79	17668	2.01	ng	# 38
19) n-Nitroso-di-n-propylamine	7.52	70	149418	19.78	ng	# 82
25) Isophorone	7.52	82	1089818	55.59	ng	# 65
49) Dimethylphthalate	9.71	163	107925	6.62	ng	99
50) 2,6-Dinitrotoluene	10.00	165	31658	9.00	ng	# 29
56) 2,4-Dinitrotoluene	10.00	165	31659	6.76	ng	# 18
64) 4,6-Dinitro-2-methylphenol	10.78	198	512	2.92	ng	# 1
66) 4-Bromophenyl-phenylether	10.78	248	16745	4.99	ng	# 1

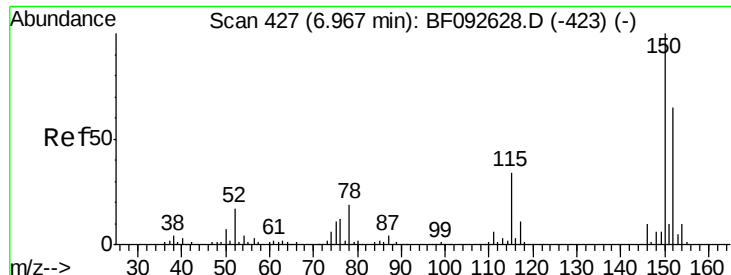
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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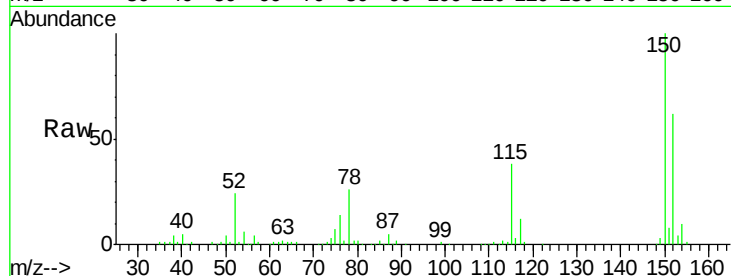




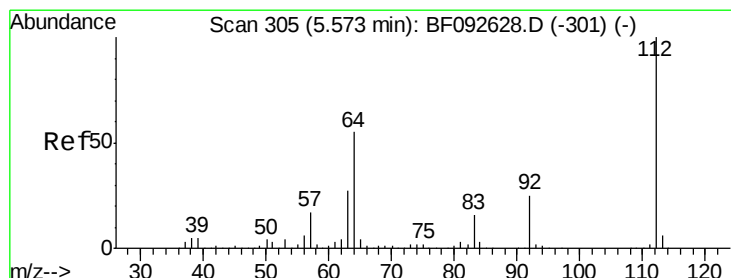
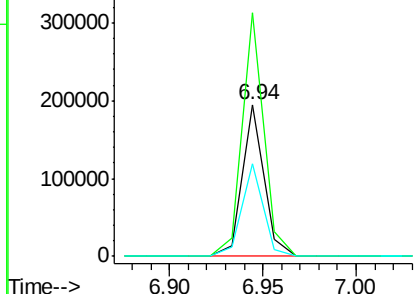
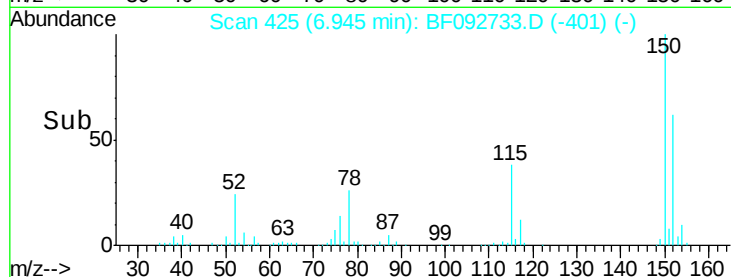
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 425
 Delta R.T. -0.02 min
 Lab File: BF092733.D
 Acq: 2 Feb 2017 5:48

Instrument :
 BNA_F
 ClientSampleId :
 SS-10

Tgt Ion:152 Resp: 158202
 Ion Ratio Lower Upper
 152 100
 150 160.6 124.9 187.3
 115 60.9 46.0 69.0

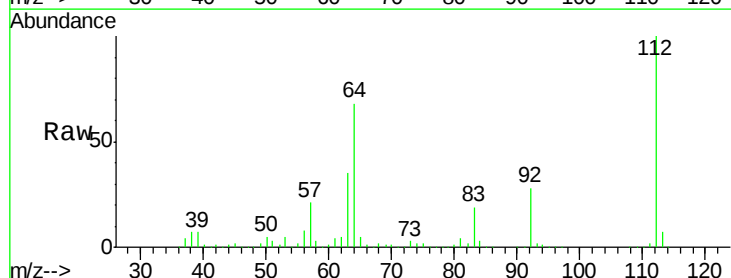


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

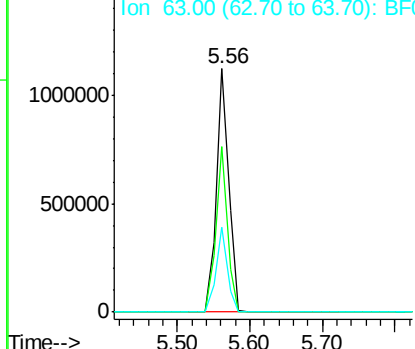
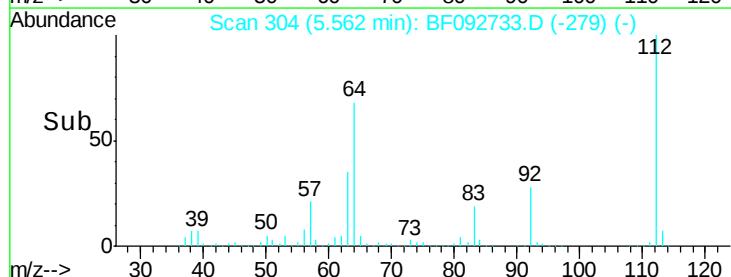


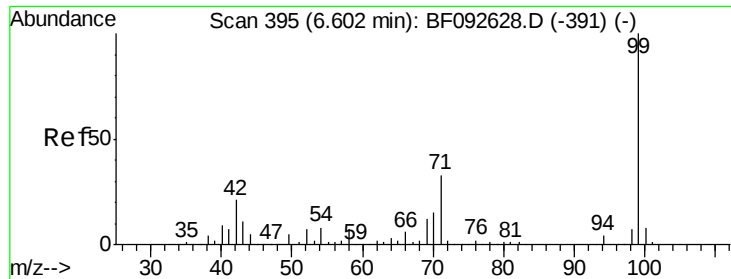
#5
 2-Fluorophenol
 Concen: 143.74 ng
 RT: 5.56 min Scan# 304
 Delta R.T. -0.01 min
 Lab File: BF092733.D
 Acq: 2 Feb 2017 5:48

Tgt Ion:112 Resp: 1325482
 Ion Ratio Lower Upper
 112 100
 64 68.1 46.1 69.1
 63 34.8 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: 135.99 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092733.D

Acq: 2 Feb 2017 5:48

Instrument :

BNA_F

ClientSampleId :

SS-10

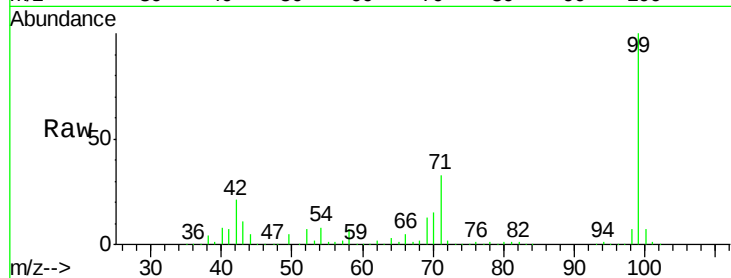
Tgt Ion: 99 Resp: 1613451

Ion Ratio Lower Upper

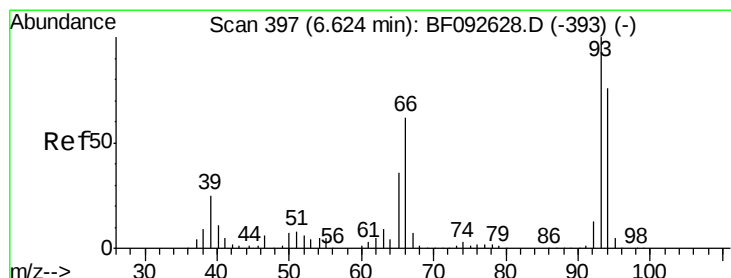
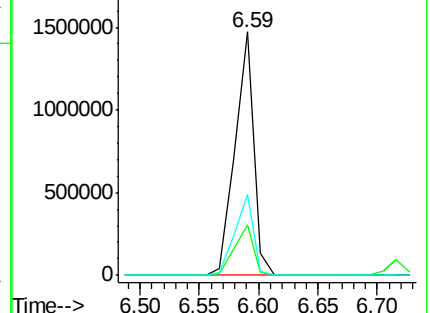
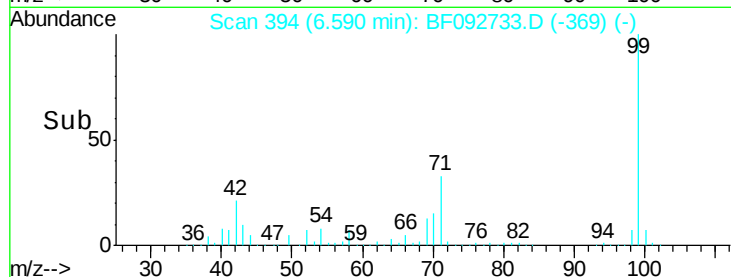
99 100

42 20.9 15.6 23.4

71 33.2 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: 11.64 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092733.D

Acq: 2 Feb 2017 5:48

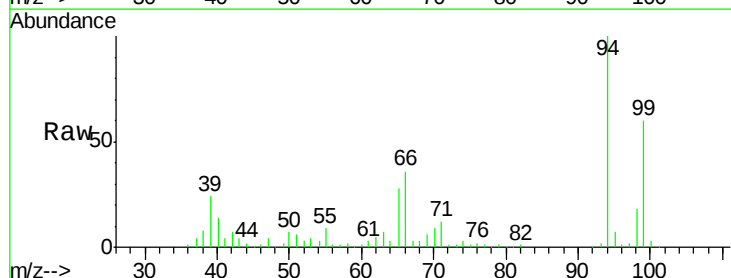
Tgt Ion: 94 Resp: 161649

Ion Ratio Lower Upper

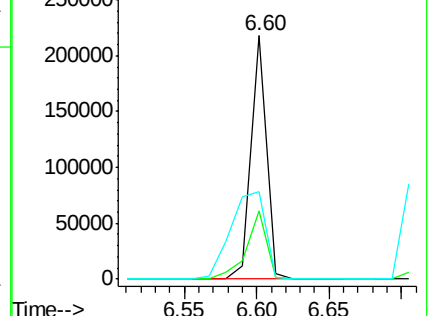
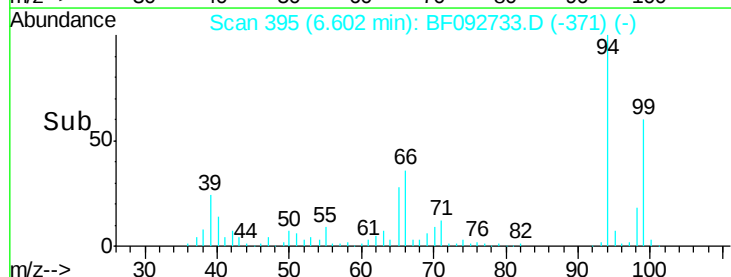
94 100

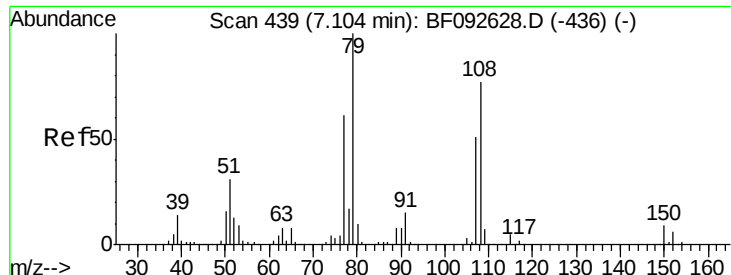
65 27.8 21.4 61.4

66 36.1 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





#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF092733.D

Acq: 2 Feb 2017 5:48

Instrument :

BNA_F

ClientSampled :

SS-10

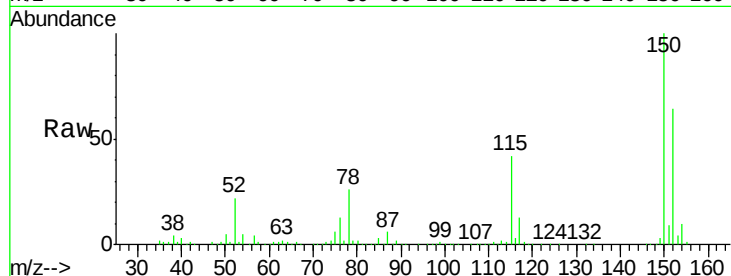
Tgt Ion: 79 Resp: 17668

Ion Ratio Lower Upper

79 100

108 28.1 61.4 92.0#

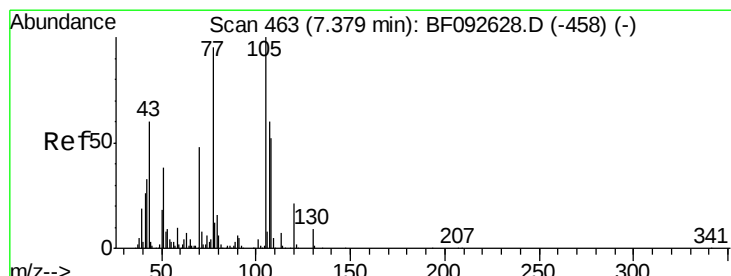
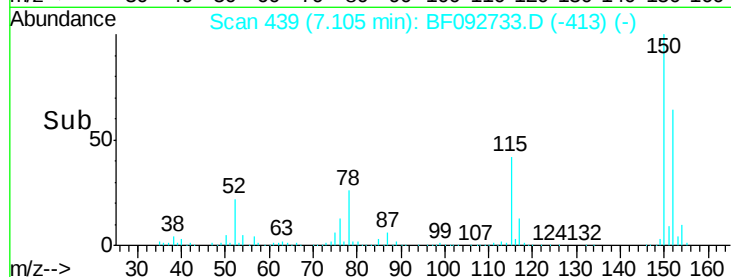
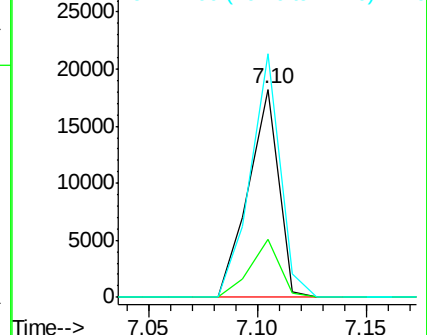
77 117.0 50.9 76.3#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 19.78 ng

RT: 7.52 min Scan# 475

Delta R.T. 0.14 min

Lab File: BF092733.D

Acq: 2 Feb 2017 5:48

Tgt Ion: 70 Resp: 149418

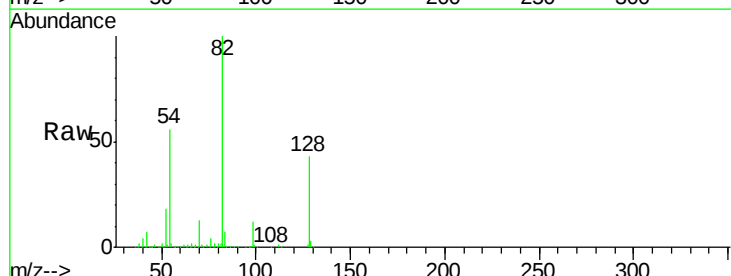
Ion Ratio Lower Upper

70 100

42 52.4 49.4 74.0

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

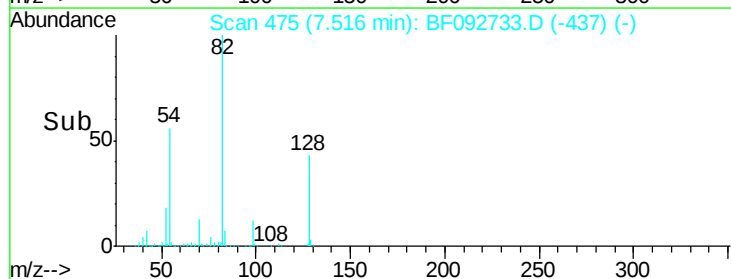
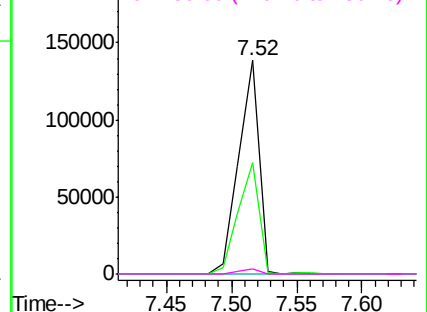


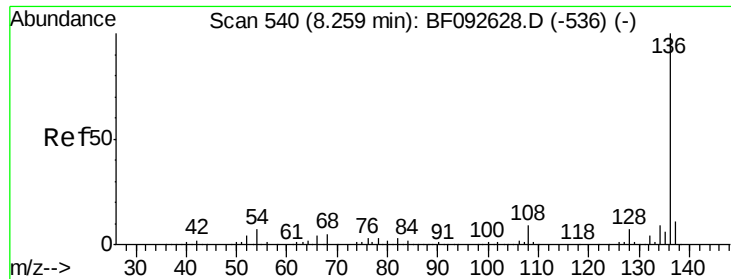
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

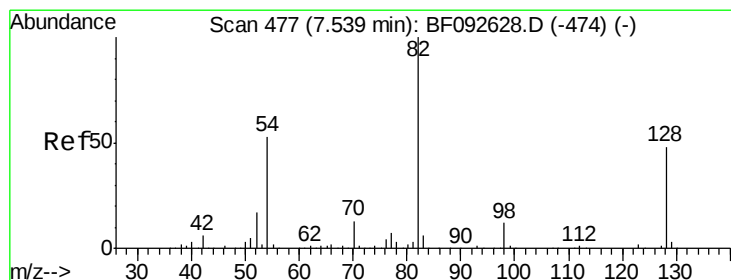
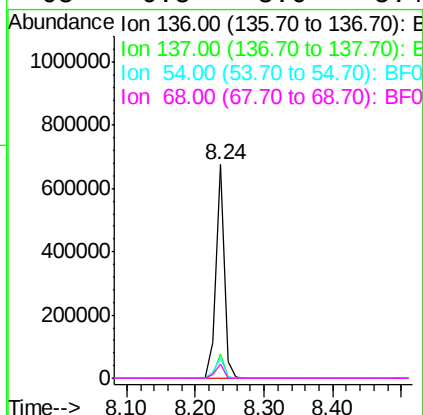
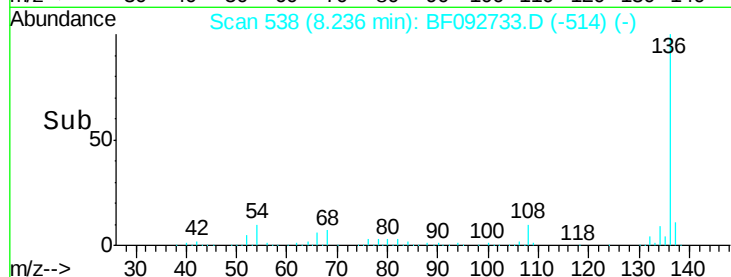
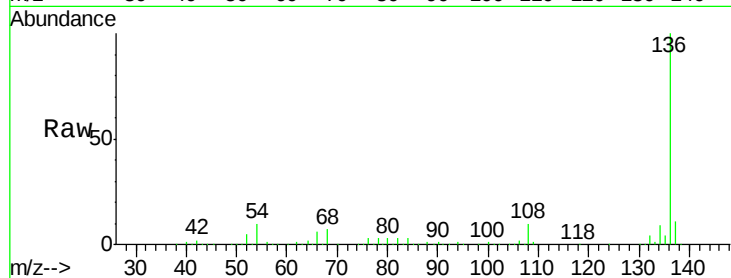




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092733.D
Acq: 2 Feb 2017 5:48

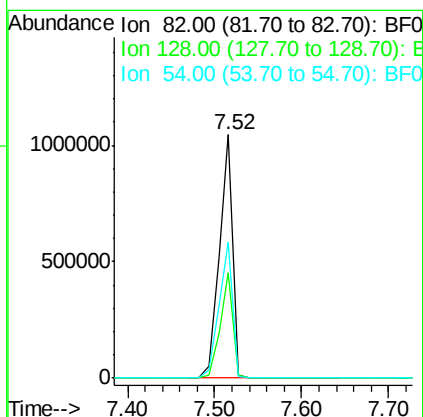
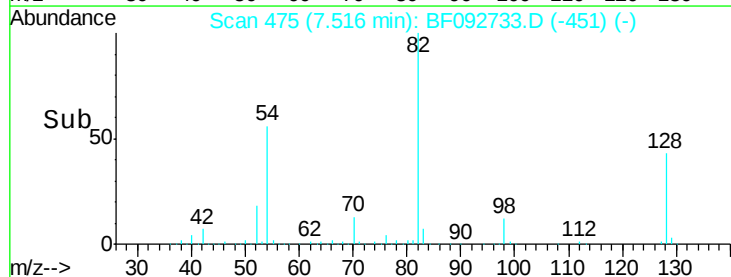
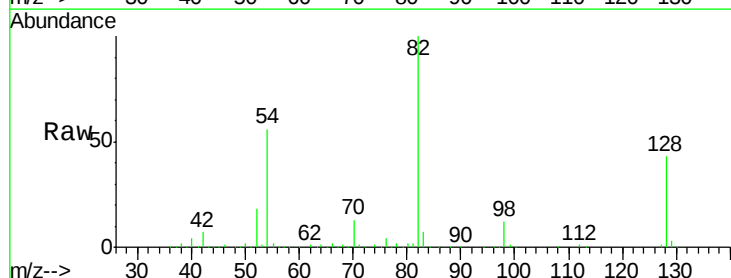
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SS-10

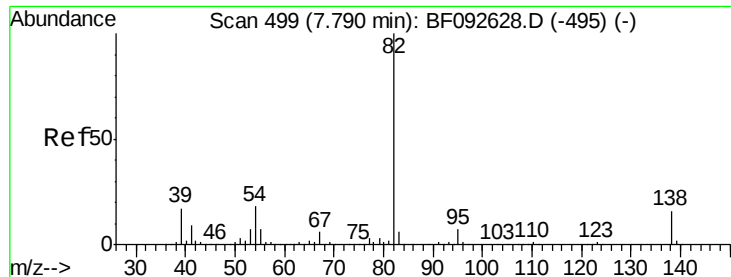
Tgt Ion:	136	Resp:	585834
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	9.6	4.5	6.7#
68	6.8	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 107.04 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF092733.D
Acq: 2 Feb 2017 5:48

Tgt Ion:	82	Resp:	1126098
Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.6	52.0
54	56.0	39.5	59.3

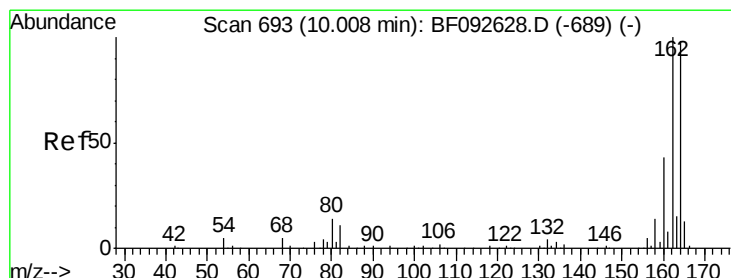
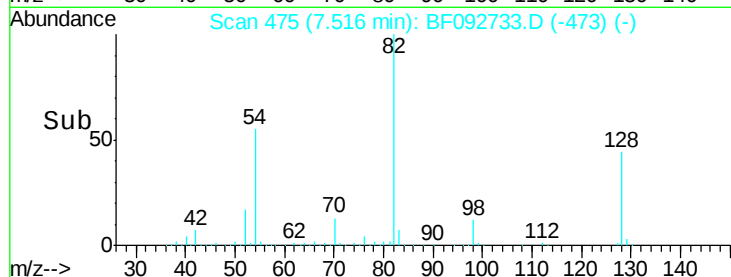
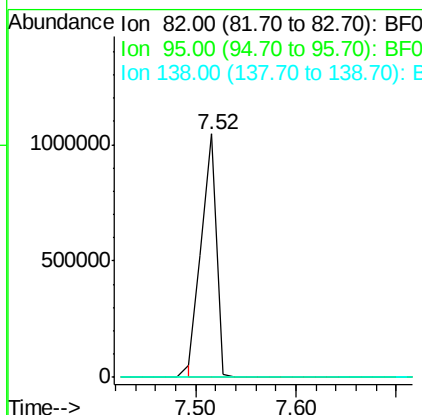
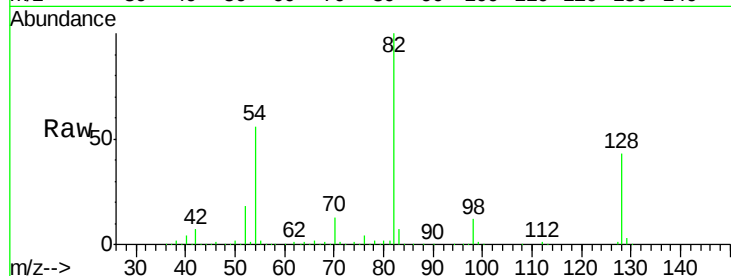




#25
Isophorone
Concen: 55.59 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.27 min
Lab File: BF092733.D
Acq: 2 Feb 2017 5:48

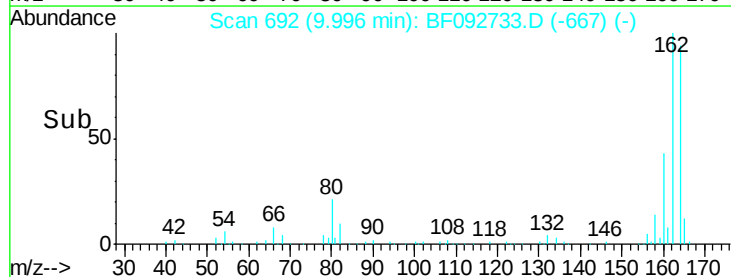
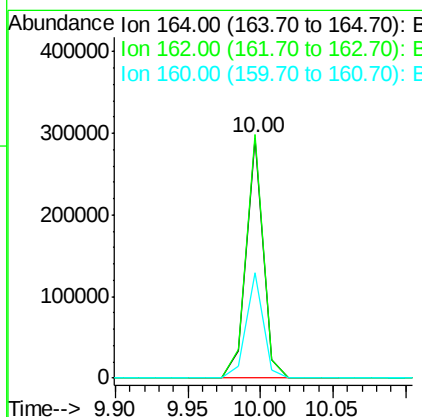
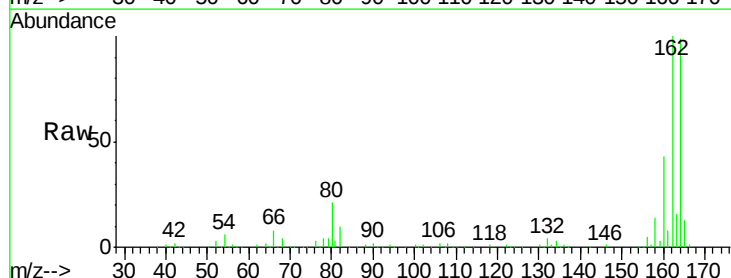
Instrument :
BNA_F
ClientSampleId :
SS-10

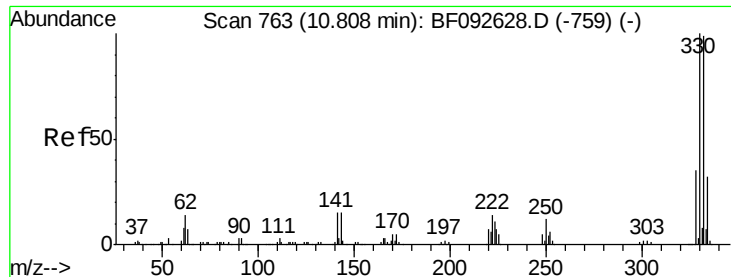
Tgt Ion: 82 Resp: 1089818
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF092733.D
Acq: 2 Feb 2017 5:48

Tgt Ion: 164 Resp: 241871
Ion Ratio Lower Upper
164 100
162 101.3 80.2 120.2
160 43.9 36.9 55.3

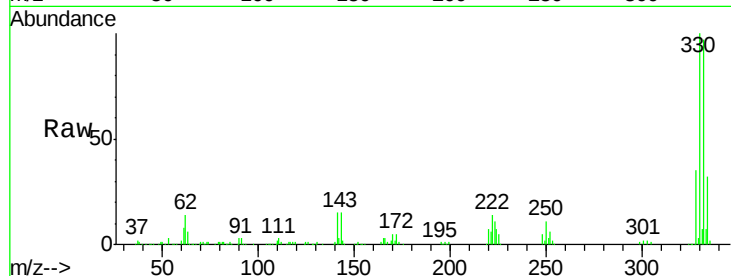




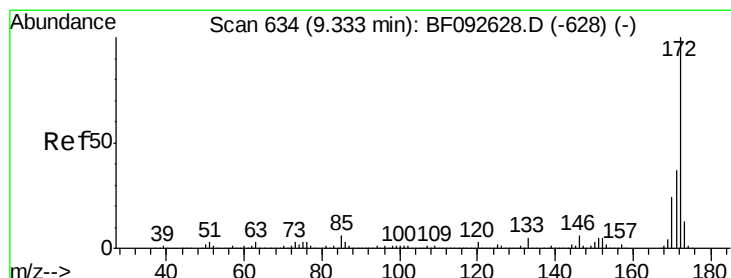
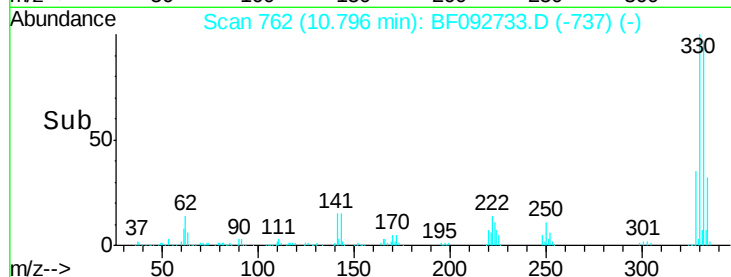
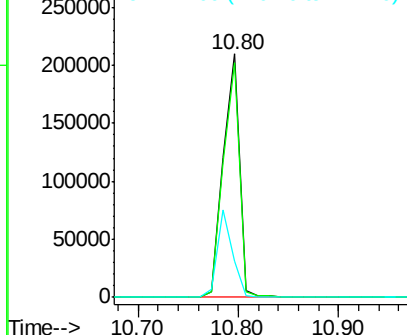
#41
 2,4,6-Tribromophenol
 Concen: 135.85 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092733.D
 Acq: 2 Feb 2017 5:48

Instrument :
 BNA_F
 ClientSampleId :
 SS-10

Tgt Ion:330 Resp: 237654
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 33.6 34.1 51.1#

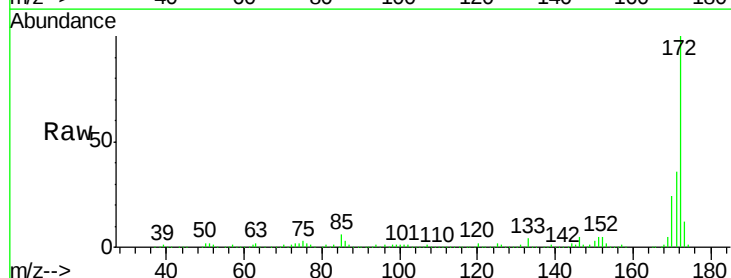


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

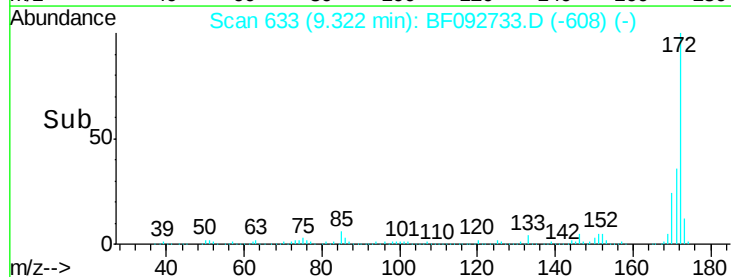
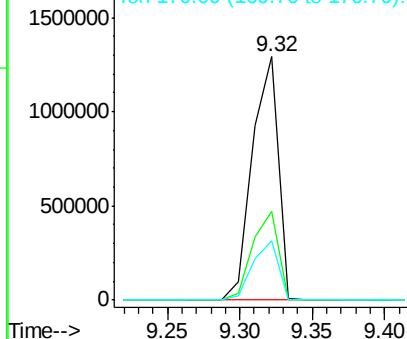


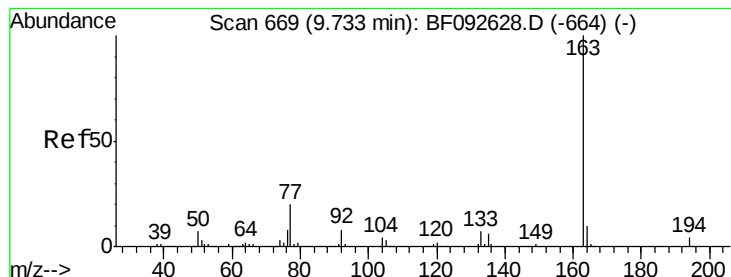
#44
 2-Fluorobiphenyl
 Concen: 119.90 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092733.D
 Acq: 2 Feb 2017 5:48

Tgt Ion:172 Resp: 1600697
 Ion Ratio Lower Upper
 172 100
 171 36.3 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: 6.62 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF092733.D

Acq: 2 Feb 2017 5:48

Instrument :

BNA_F

ClientSampleId :

SS-10

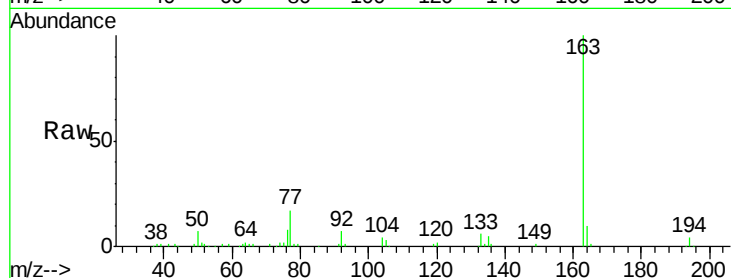
Tgt Ion:163 Resp: 107925

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

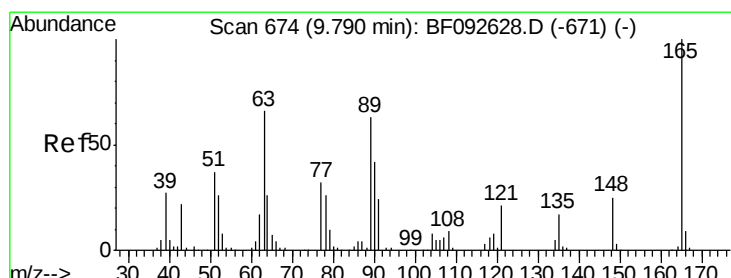
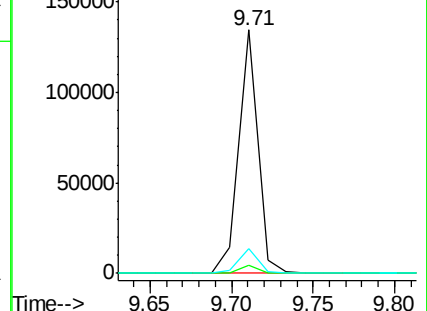
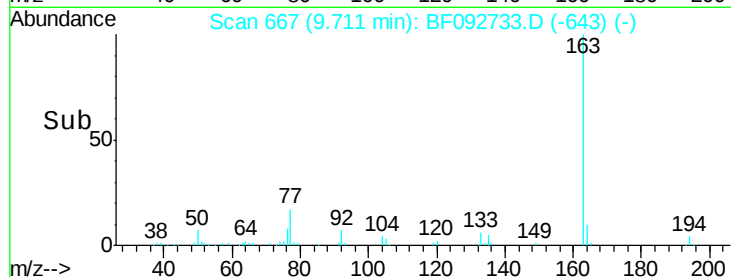
164 10.3 8.0 12.0



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



#50

2,6-Dinitrotoluene

Concen: 9.00 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.21 min

Lab File: BF092733.D

Acq: 2 Feb 2017 5:48

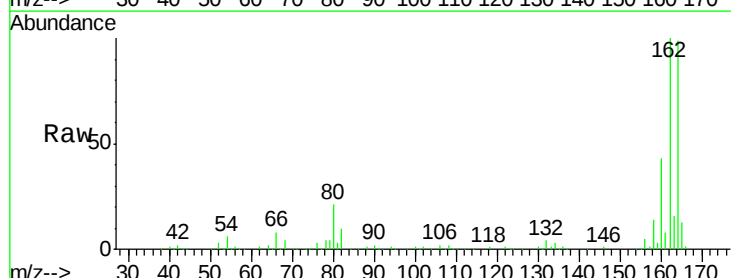
Tgt Ion:165 Resp: 31658

Ion Ratio Lower Upper

165 100

63 0.0 36.2 54.4#

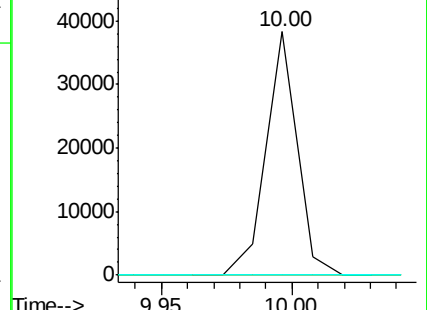
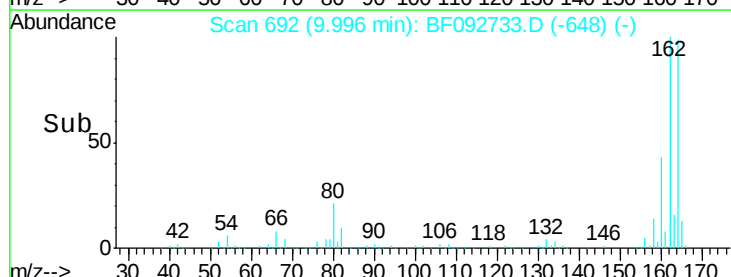
89 0.0 40.2 60.4#

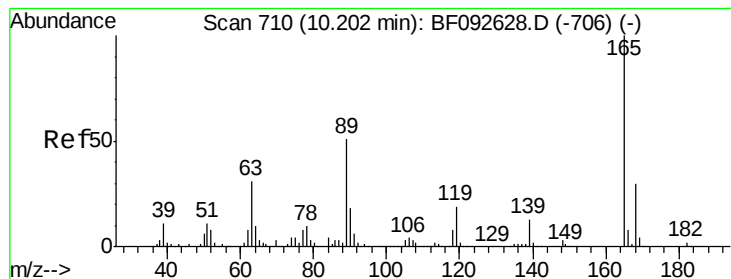


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 6.76 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.21 min

Lab File: BF092733.D

Acq: 2 Feb 2017 5:48

Instrument :

BNA_F

ClientSampleId :

SS-10

Tgt Ion:165 Resp: 31659

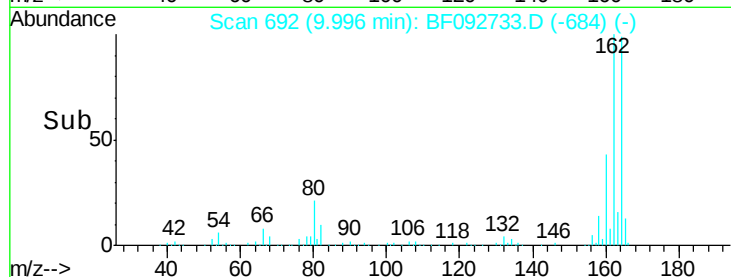
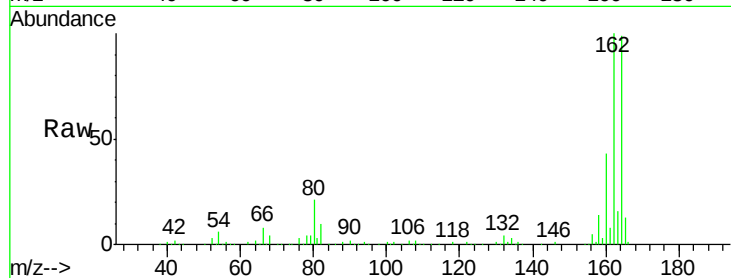
Ion Ratio Lower Upper

165 100

63 0.0 40.2 60.4#

89 0.0 62.5 93.7#

182 0.0 1.8 2.8#

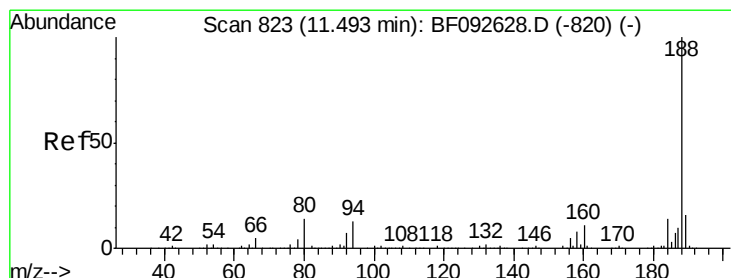
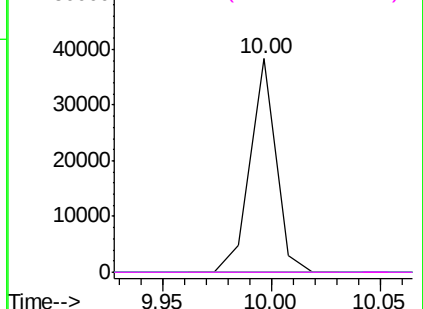


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF092733.D

Acq: 2 Feb 2017 5:48

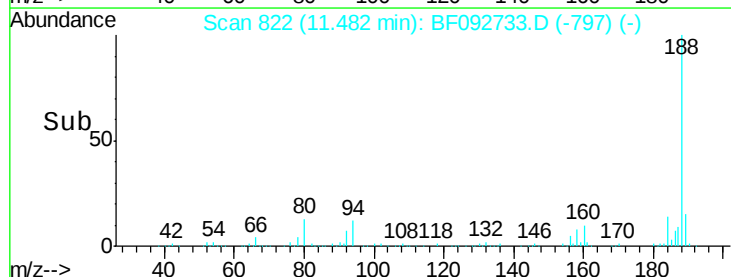
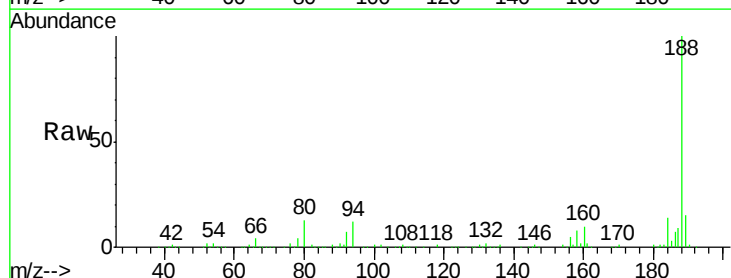
Tgt Ion:188 Resp: 321245

Ion Ratio Lower Upper

188 100

94 12.3 10.0 15.0

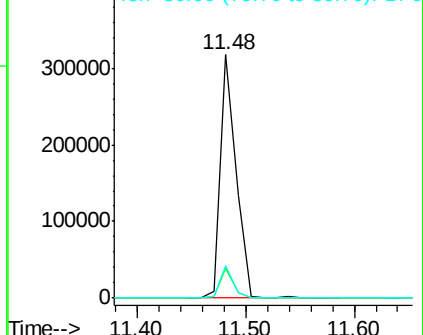
80 13.4 11.2 16.8

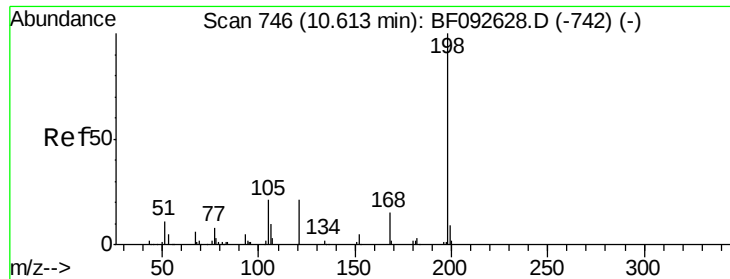


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

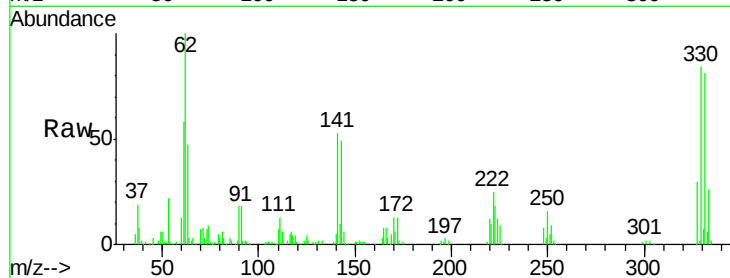




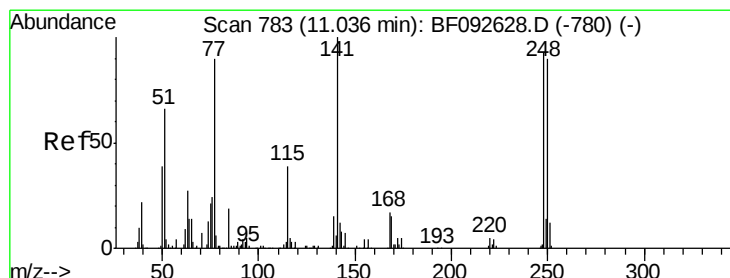
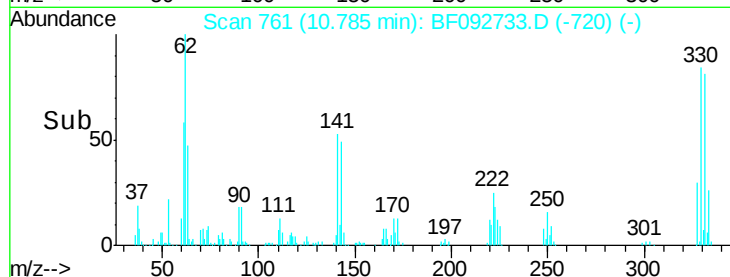
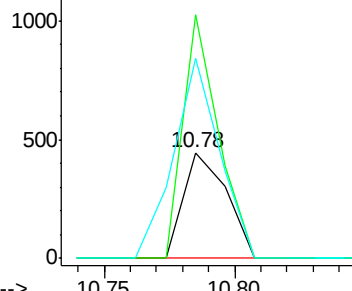
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.92 ng
 RT: 10.78 min Scan# 761
 Delta R.T. 0.17 min
 Lab File: BF092733.D
 Acq: 2 Feb 2017 5:48

Instrument :
 BNA_F
 ClientSampleId :
 SS-10

Tgt Ion:198 Resp: 512
 Ion Ratio Lower Upper
 198 100
 51 231.1 6.7 46.7#
 105 190.3 16.6 56.6#

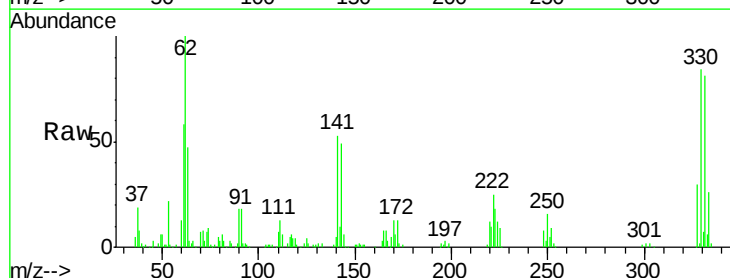


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

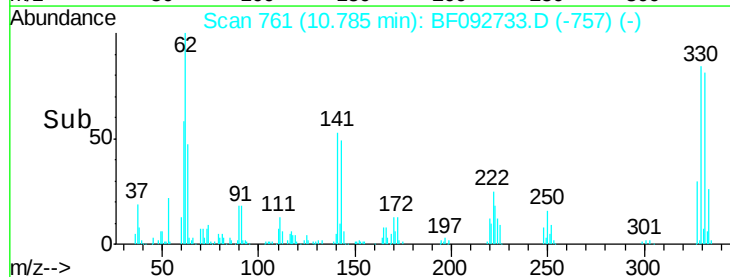
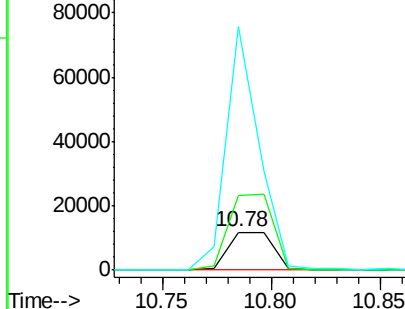


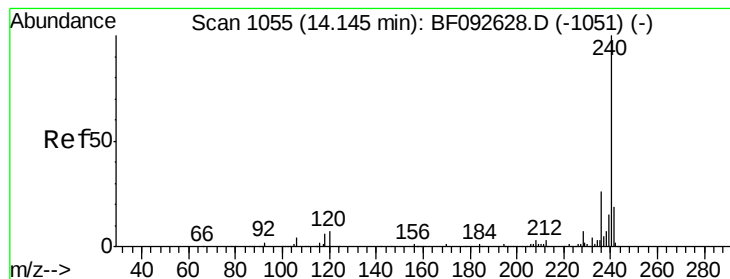
#66
 4-Bromophenyl-phenylether
 Concen: 4.99 ng
 RT: 10.78 min Scan# 761
 Delta R.T. -0.25 min
 Lab File: BF092733.D
 Acq: 2 Feb 2017 5:48

Tgt Ion:248 Resp: 16745
 Ion Ratio Lower Upper
 248 100
 250 197.6 76.9 115.3#
 141 641.2 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: BF092733.D

Acq: 2 Feb 2017 5:48

Instrument :

BNA_F

ClientSampleId :

SS-10

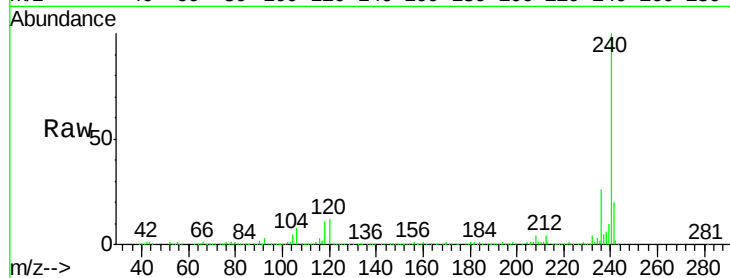
Tgt Ion:240 Resp: 320681

Ion Ratio Lower Upper

240 100

120 12.5 12.9 19.3#

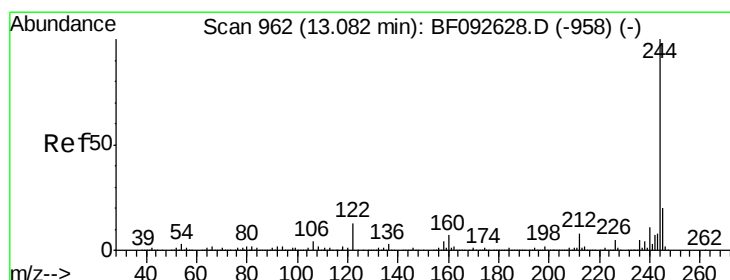
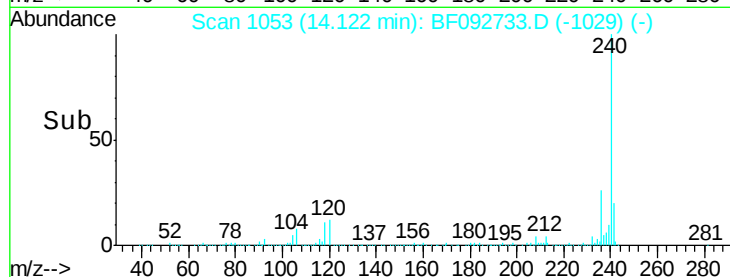
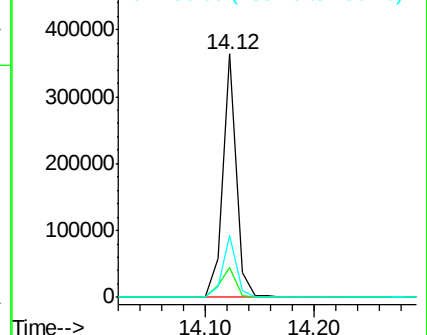
236 25.6 20.9 31.3



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: 68.85 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF092733.D

Acq: 2 Feb 2017 5:48

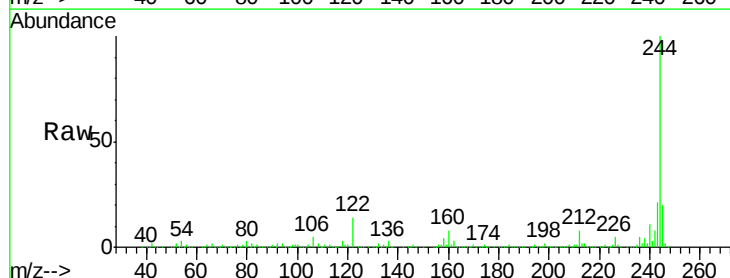
Tgt Ion:244 Resp: 939684

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

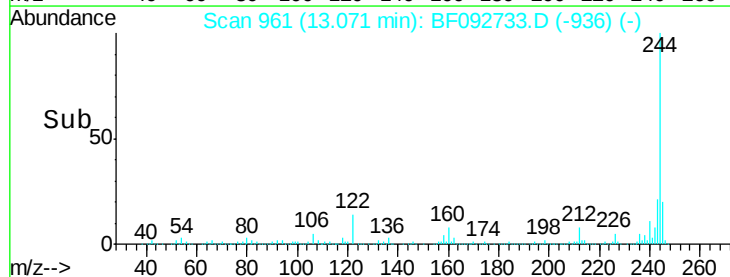
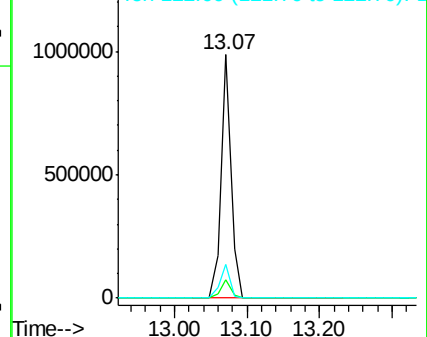
122 13.8 11.4 17.2

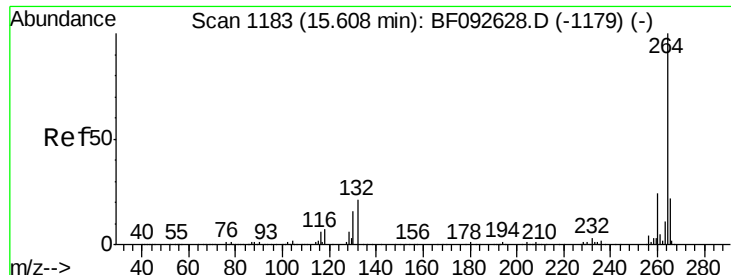


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.60 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF092733.D
Acq: 2 Feb 2017 5:48

Instrument :
BNA_F
ClientSampleId :
SS-10

Tgt Ion: 264 Resp: 271600
Ion Ratio Lower Upper
264 100
260 22.8 19.2 28.8
265 21.7 17.4 26.0

