

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061116\
 Data File : BF087941.D
 Acq On : 12 Jun 2016 11:13
 Operator : UM/SJ
 Sample : H3425-04
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW6

Quant Time: Jun 13 01:15:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 01:05:20 2016
 Response via : Initial Calibration

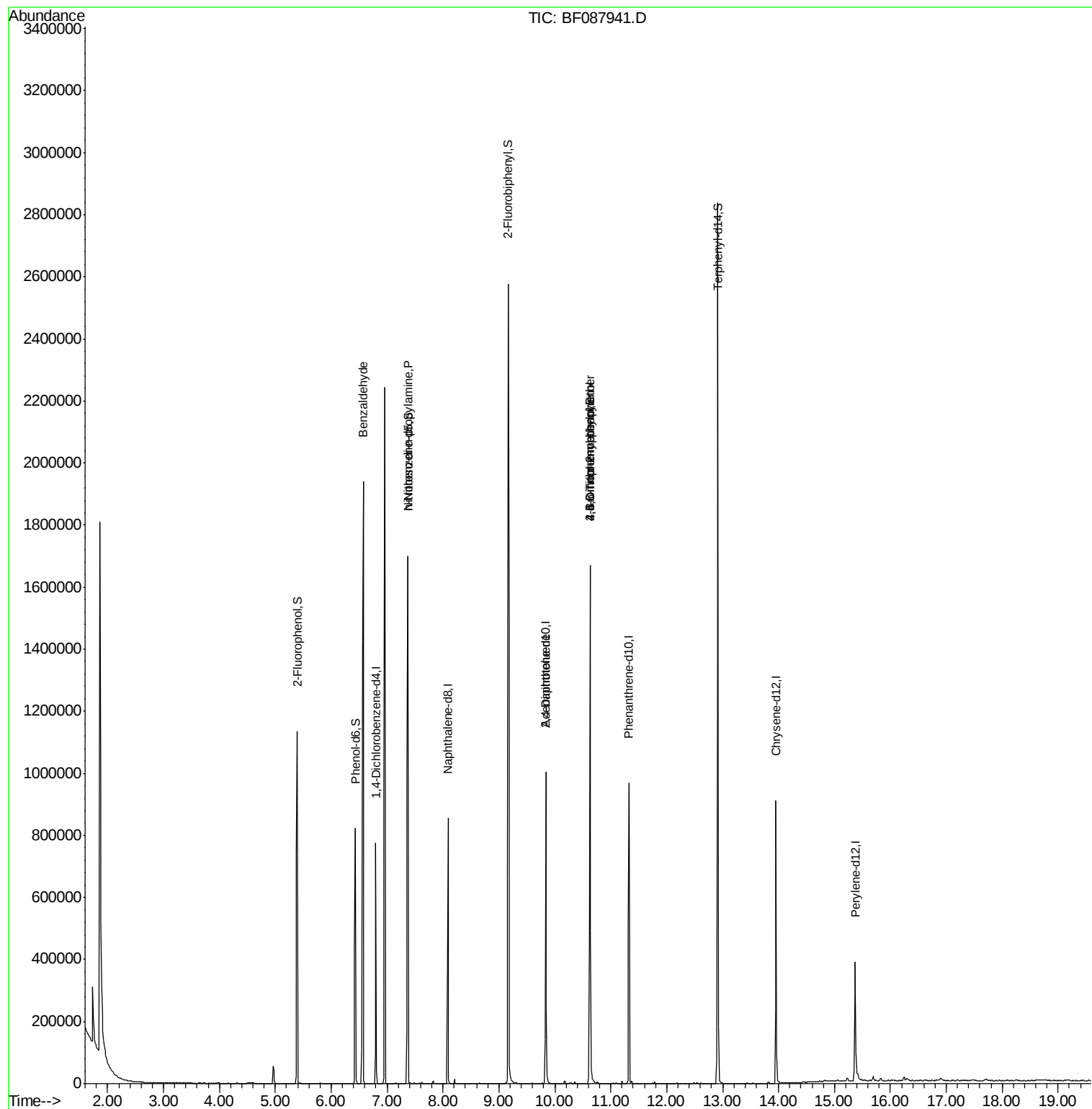
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	111335	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	446767	20.00	ng	-0.03
38) Acenaphthene-d10	9.84	164	215120	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	424588	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	317537	20.00	ng	-0.03
86) Perylene-d12	15.37	264	237875	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	417840	64.16	ng	-0.03
7) Phenol-d6	6.43	99	353376	44.77	ng	-0.05
23) Nitrobenzene-d5	7.37	82	696019	90.97	ng	-0.05
41) 2,4,6-Tribromophenol	10.63	330	249769	109.96	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	1200565	87.86	ng	-0.05
78) Terphenyl-d14	12.91	244	1001338	71.76	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.57	77	15548	2.79	ng	# 77
10) Phenol	6.44	94	422	Below	Cal	# 55
19) n-Nitroso-di-n-propylamine	7.37	70	90522	17.93	ng	# 70
45) 1,1'-Biphenyl	9.16	154	2205	Below	Cal	# 1
56) 2,4-Dinitrotoluene	9.84	165	27257	5.94	ng	# 38
57) Fluorene	10.63	166	11231	Below	Cal	# 88
64) 4,6-Dinitro-2-methylphenol	10.63	198	419	2.31	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	14757	3.24	ng	# 1

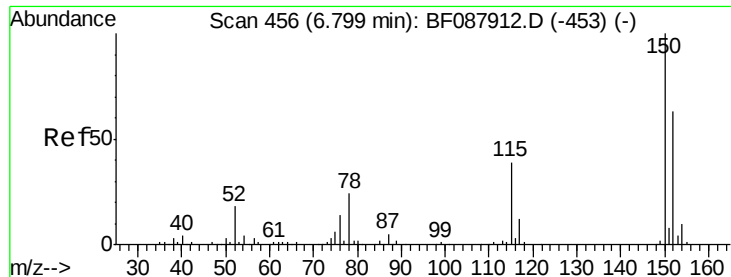
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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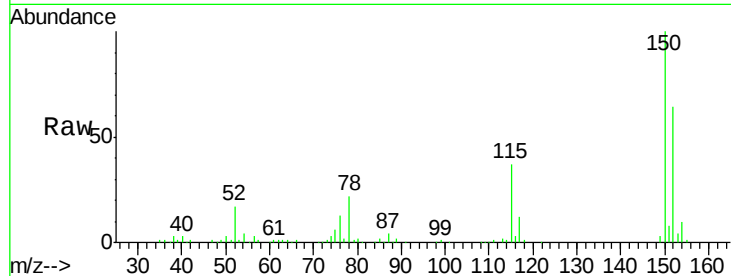


#1

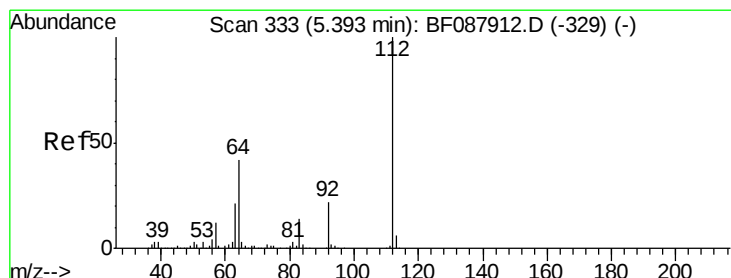
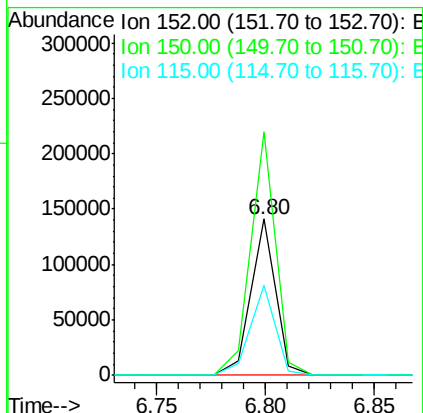
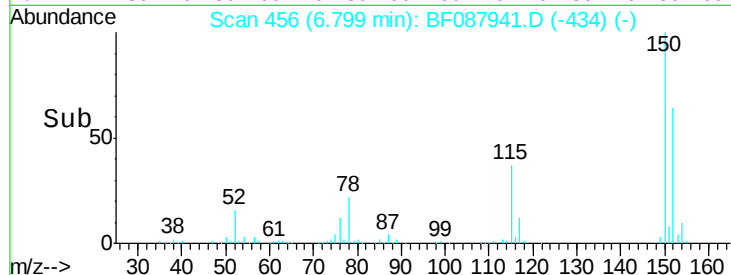
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF087941.D
Acq: 12 Jun 2016 11:13

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW6

Tgt Ion:152 Resp: 111335
Ion Ratio Lower Upper
152 100
150 156.1 123.8 185.6
115 57.9 39.6 59.4



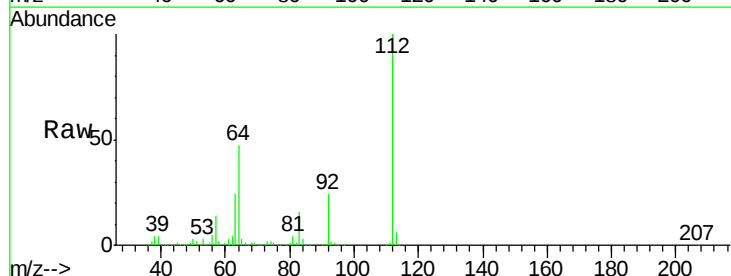
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



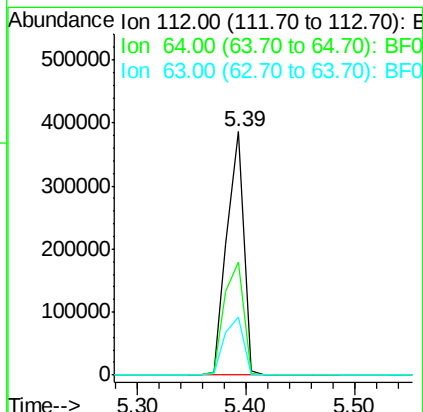
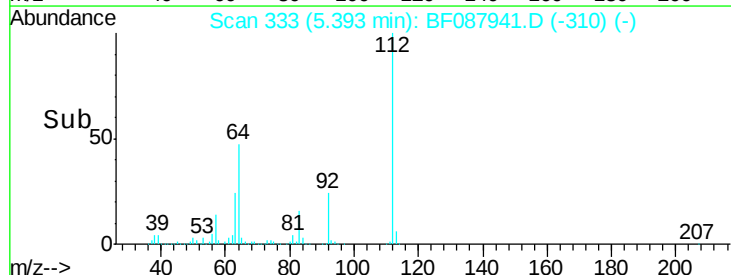
#5

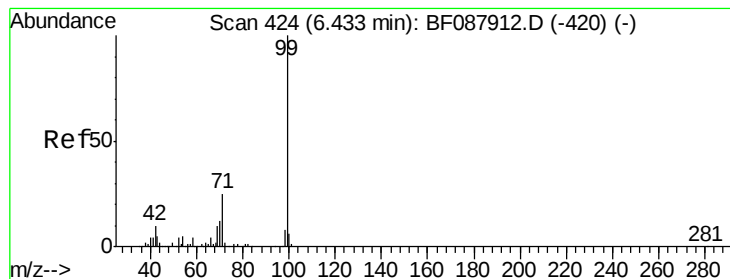
2-Fluorophenol
Concen: 64.16 ng
RT: 5.39 min Scan# 333
Delta R.T. -0.03 min
Lab File: BF087941.D
Acq: 12 Jun 2016 11:13

Tgt Ion:112 Resp: 417840
Ion Ratio Lower Upper
112 100
64 46.6 42.2 63.2
63 23.8 21.8 32.8



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: 44.77 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.05 min

Lab File: BF087941.D

Acq: 12 Jun 2016 11:13

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW6

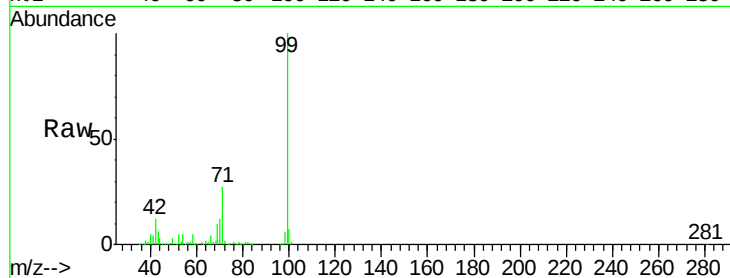
Tgt Ion: 99 Resp: 353376

Ion Ratio Lower Upper

99 100

42 12.1 12.2 18.2#

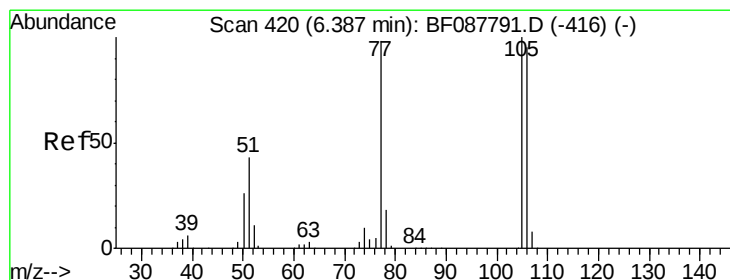
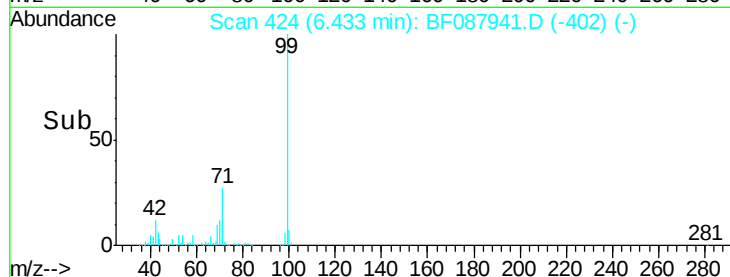
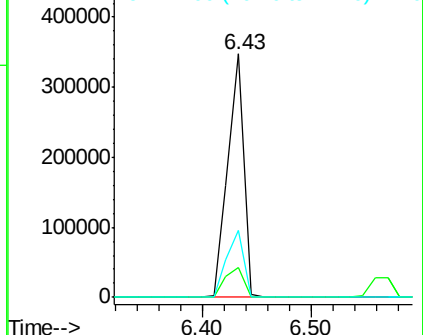
71 27.4 23.4 35.0



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



#9

Benzaldehyde

Concen: 2.79 ng

RT: 6.57 min Scan# 436

Delta R.T. 0.18 min

Lab File: BF087941.D

Acq: 12 Jun 2016 11:13

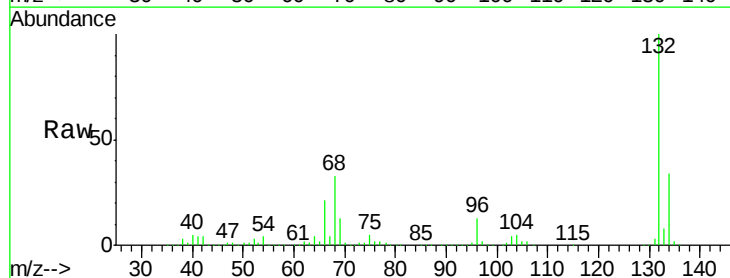
Tgt Ion: 77 Resp: 15548

Ion Ratio Lower Upper

77 100

105 87.1 90.6 130.6#

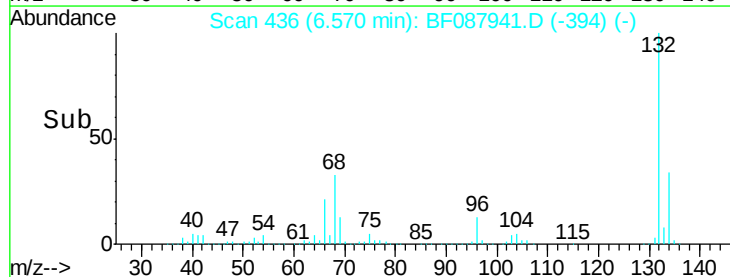
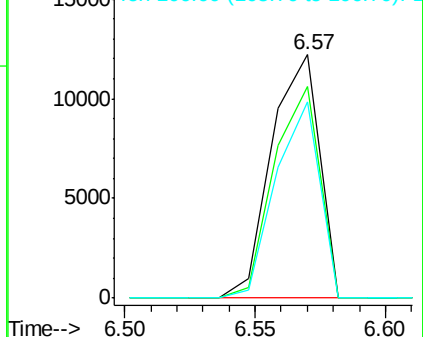
106 80.7 85.3 125.3#

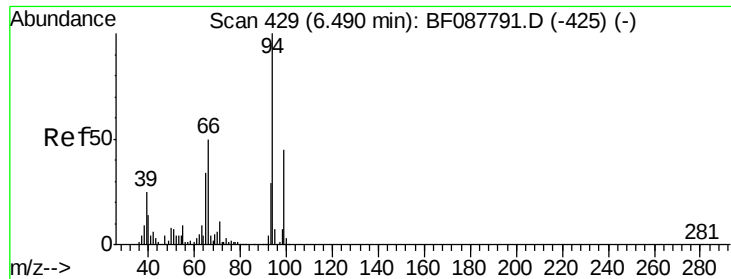


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: Below Cal

RT: 6.44 min Scan# 425

Delta R.T. -0.05 min

Lab File: BF087941.D

Acq: 12 Jun 2016 11:13

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW6

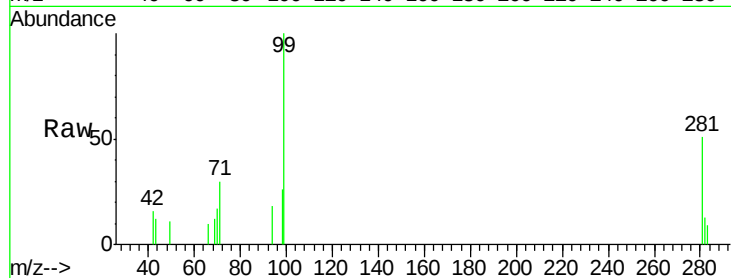
Tgt Ion: 94 Resp: 422

Ion Ratio Lower Upper

94 100

65 0.0 5.9 45.9#

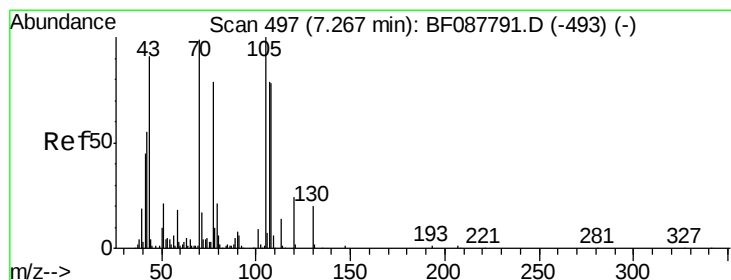
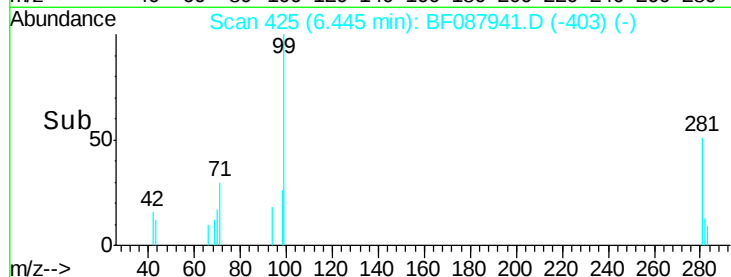
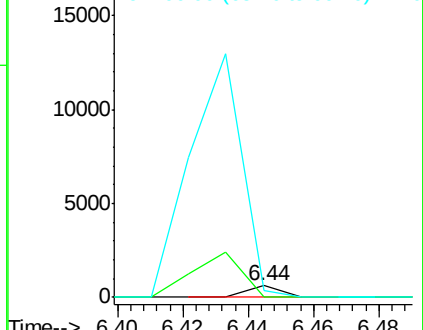
66 57.3 14.0 54.0#



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: 17.93 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.10 min

Lab File: BF087941.D

Acq: 12 Jun 2016 11:13

Tgt Ion: 70 Resp: 90522

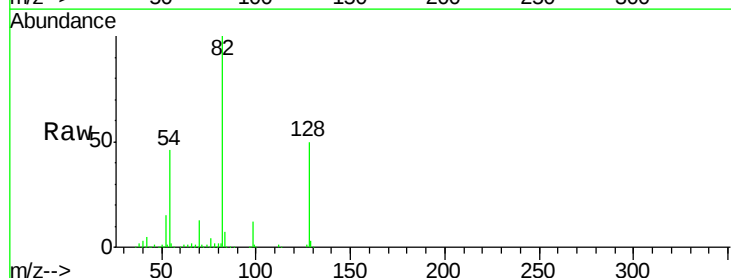
Ion Ratio Lower Upper

70 100

42 40.3 49.6 74.4#

101 0.0 7.1 10.7#

130 2.5 15.4 23.2#

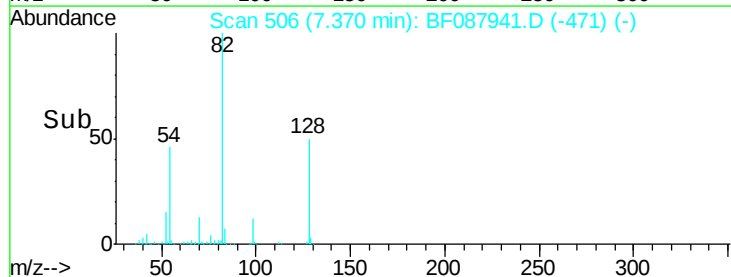
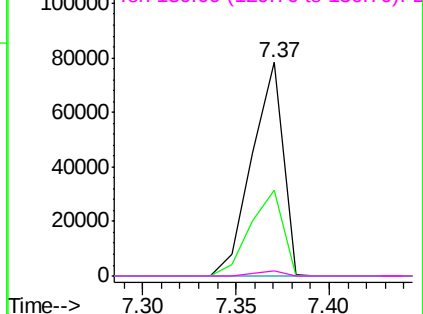


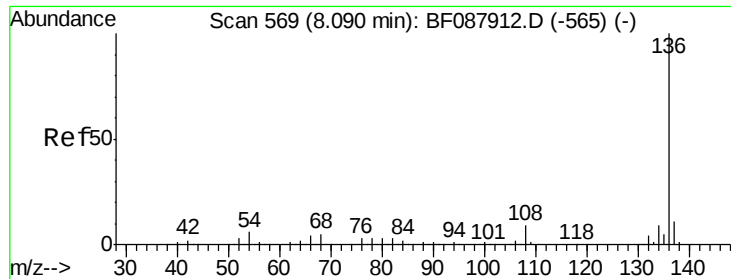
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

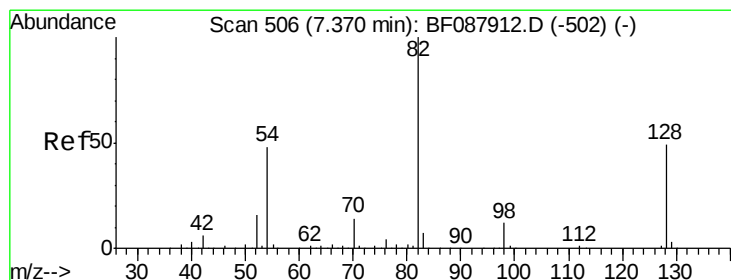
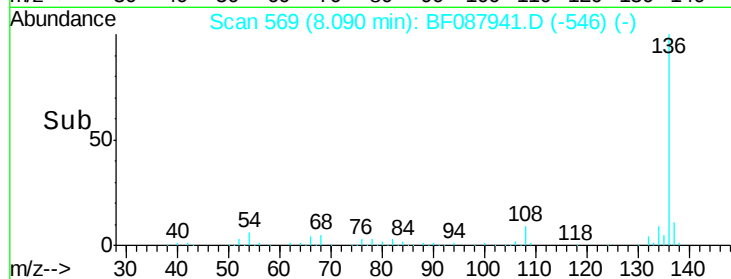
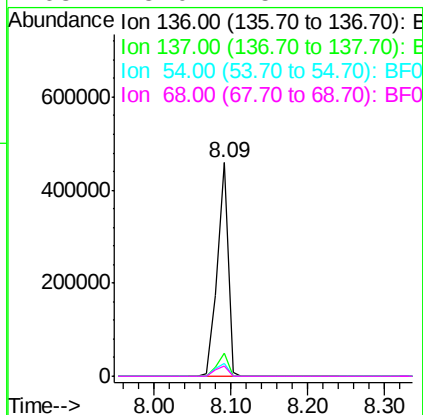
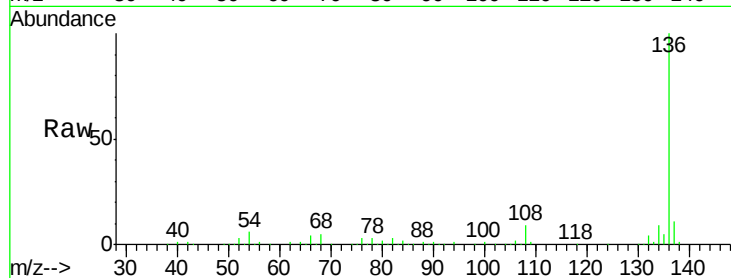




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.03 min
Lab File: BF087941.D
Acq: 12 Jun 2016 11:13

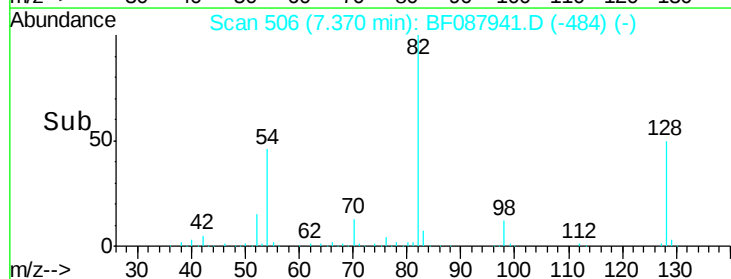
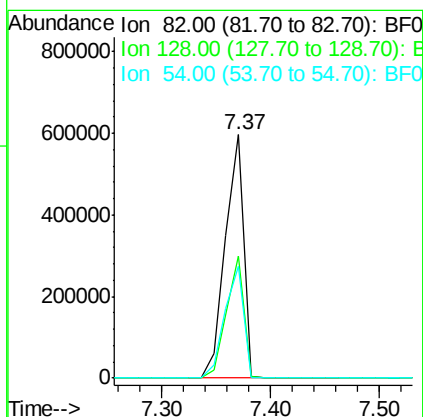
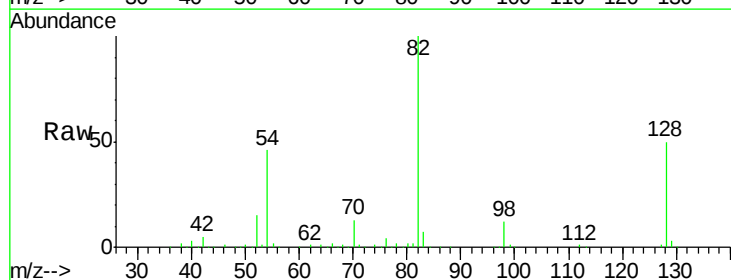
Instrument :
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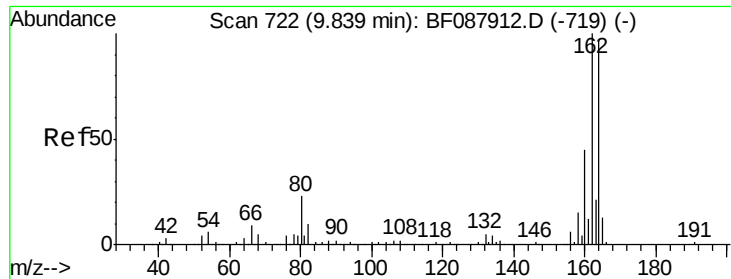
Tgt Ion:	136	Resp:	446767
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	5.7	6.6	10.0#
68	5.0	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 90.97 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.05 min
Lab File: BF087941.D
Acq: 12 Jun 2016 11:13

Tgt Ion:	82	Resp:	696019
Ion	Ratio	Lower	Upper
82	100		
128	50.1	35.9	53.9
54	46.0	40.9	61.3

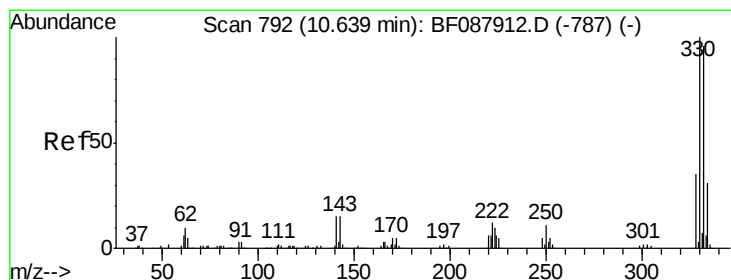
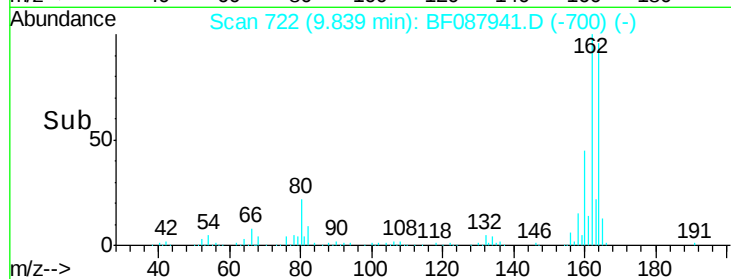
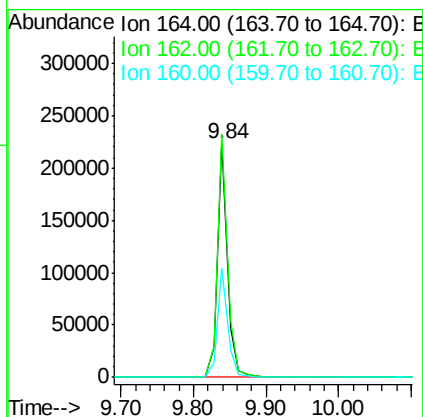
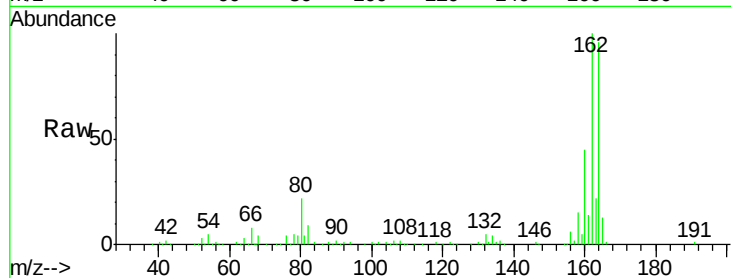




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.05 min
Lab File: BF087941.D
Acq: 12 Jun 2016 11:13

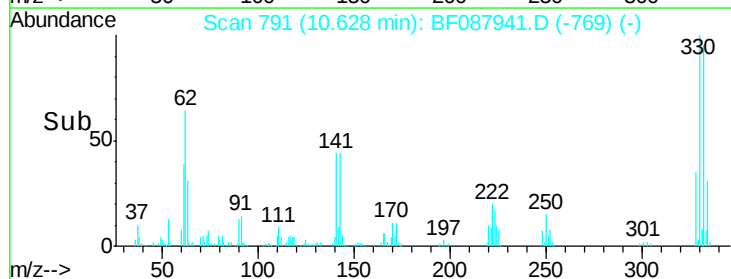
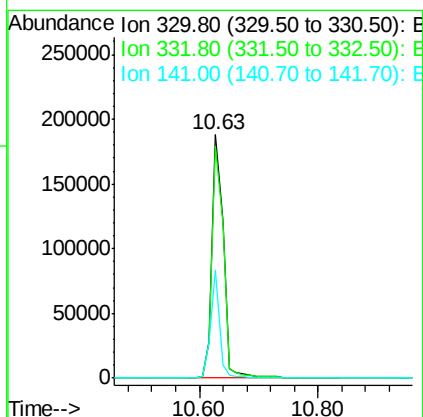
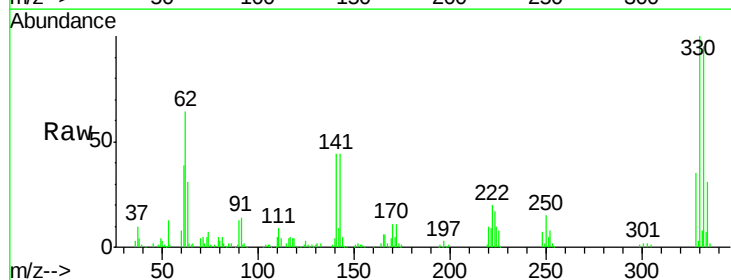
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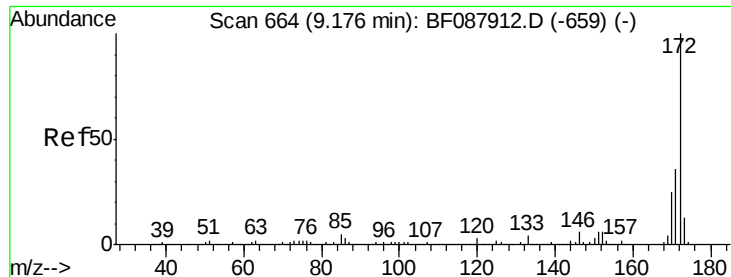
Tgt Ion:164 Resp: 215120
Ion Ratio Lower Upper
164 100
162 103.9 85.4 128.2
160 46.6 39.5 59.3



#41
2,4,6-Tribromophenol
Concen: 109.96 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.05 min
Lab File: BF087941.D
Acq: 12 Jun 2016 11:13

Tgt Ion:330 Resp: 249769
Ion Ratio Lower Upper
330 100
332 96.6 0.0 0.0#
141 35.6 0.0 0.0#

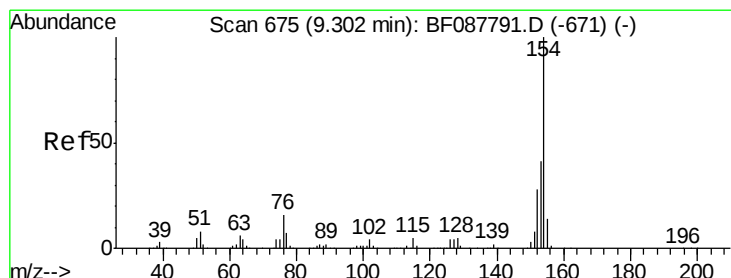
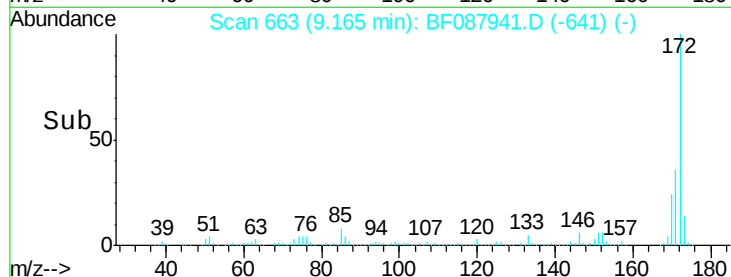
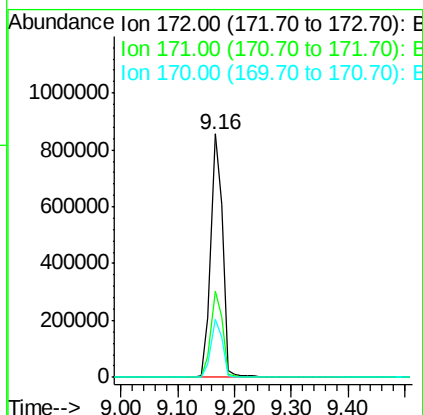
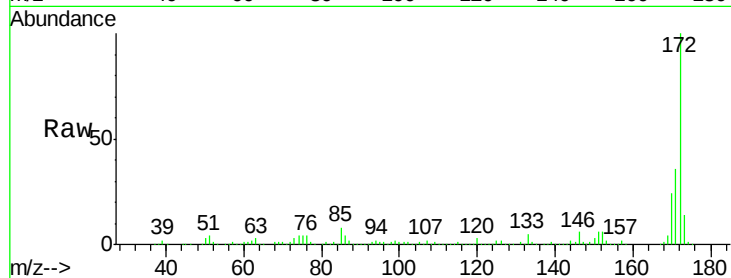




#44
 2-Fluorobiphenyl
 Concen: 87.86 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.05 min
 Lab File: BF087941.D
 Acq: 12 Jun 2016 11:13

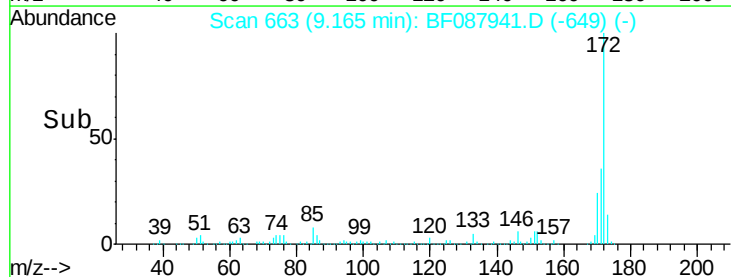
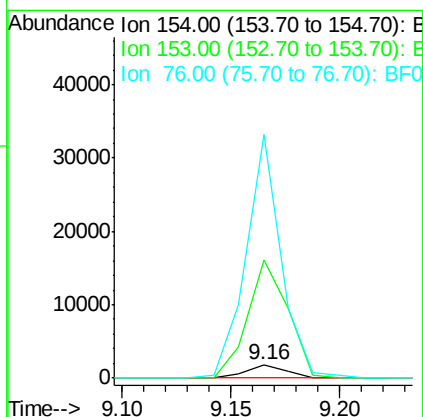
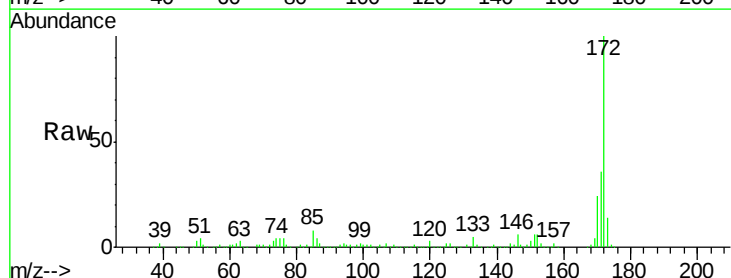
Instrument :
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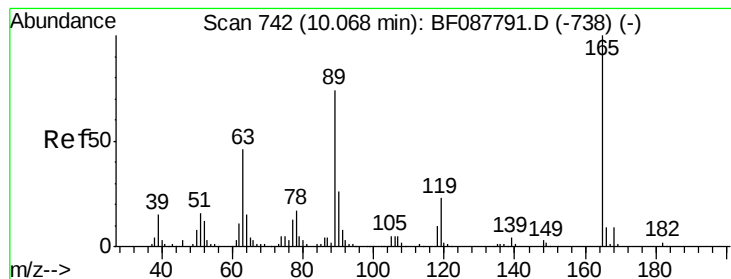
Tgt Ion:172 Resp: 1200565
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 43.0
 170 24.0 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.16 min Scan# 663
 Delta R.T. -0.14 min
 Lab File: BF087941.D
 Acq: 12 Jun 2016 11:13

Tgt Ion:154 Resp: 2205
 Ion Ratio Lower Upper
 154 100
 153 885.2 20.6 60.6#
 76 1831.8 0.0 35.1#





#56

2,4-Dinitrotoluene

Concen: 5.94 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.23 min

Lab File: BF087941.D

Acq: 12 Jun 2016 11:13

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW6

Tgt Ion:165 Resp: 27257

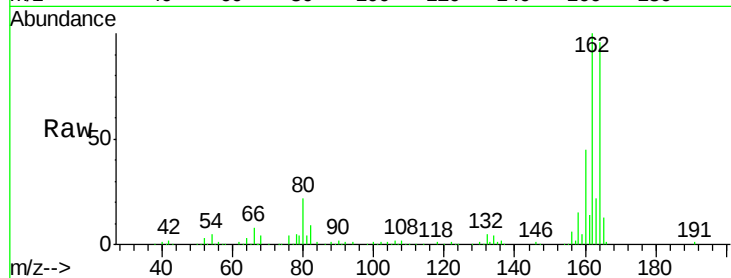
Ion Ratio Lower Upper

165 100

63 1.3 22.0 33.0#

89 1.3 41.1 61.7#

182 0.0 2.0 3.0#

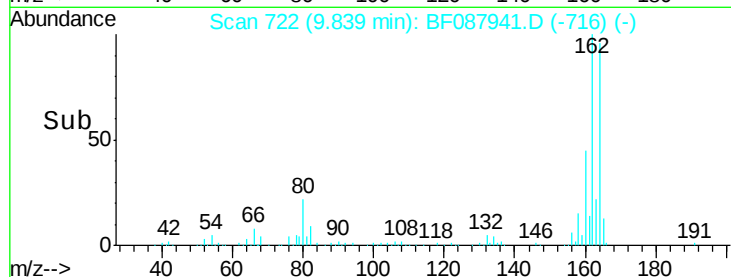


Abundance Ion 165.00 (164.70 to 165.70): E

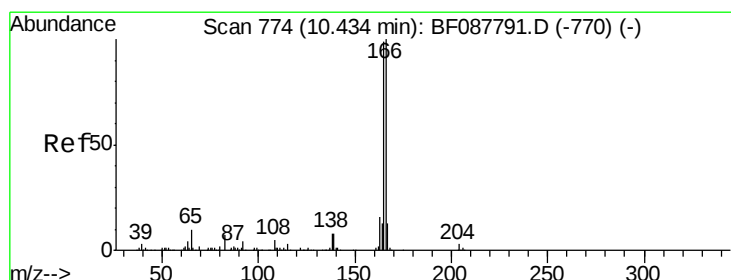
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->



#57

Fluorene

Concen: Below Cal

RT: 10.63 min Scan# 791

Delta R.T. 0.19 min

Lab File: BF087941.D

Acq: 12 Jun 2016 11:13

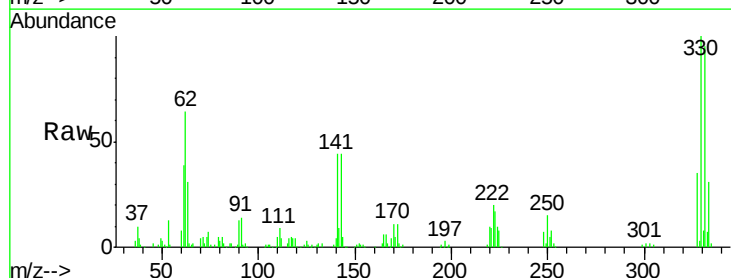
Tgt Ion:166 Resp: 11231

Ion Ratio Lower Upper

166 100

165 103.8 77.8 116.8

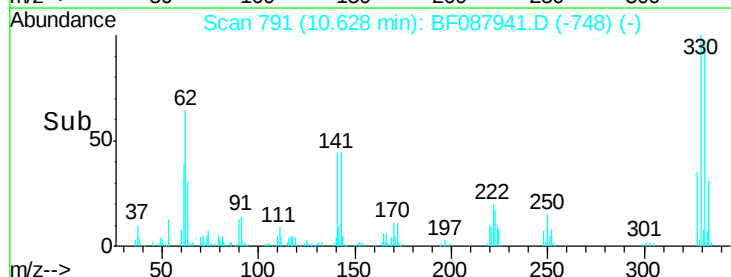
167 33.9 11.2 16.8#



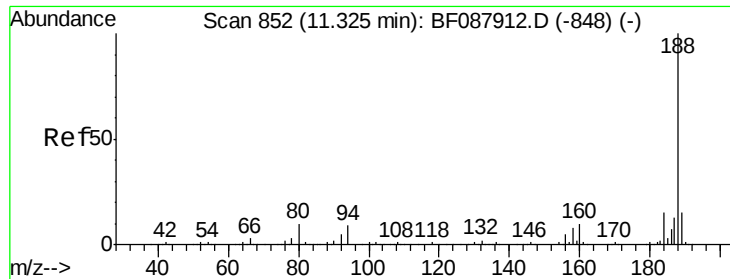
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



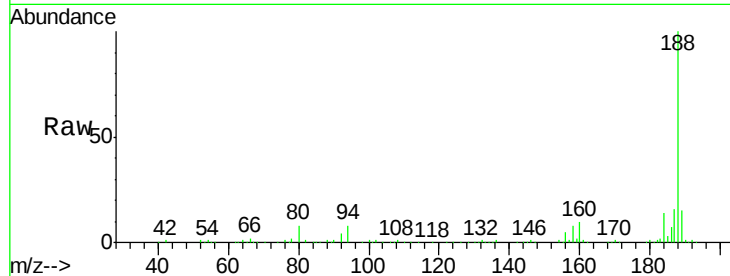
Time-->



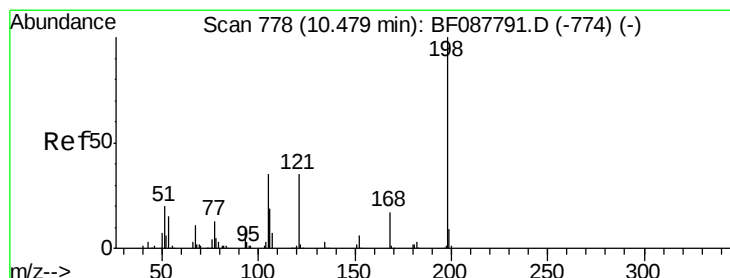
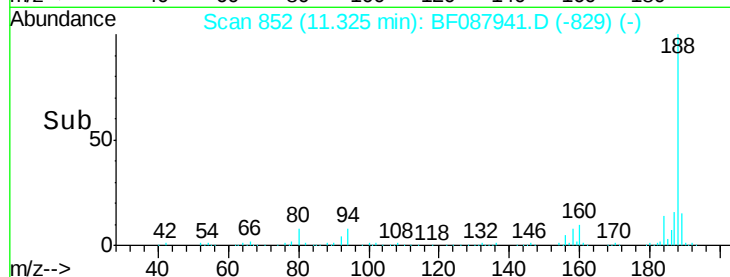
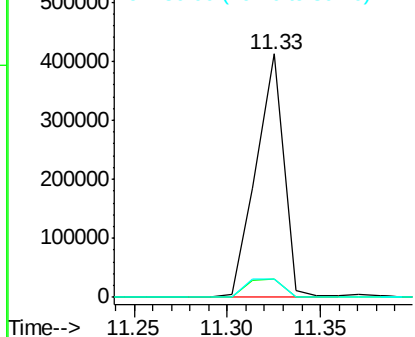
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087941.D
Acq: 12 Jun 2016 11:13

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW6

Tgt Ion:188 Resp: 424588
Ion Ratio Lower Upper
188 100
94 7.7 9.0 13.6#
80 7.7 10.0 15.0#

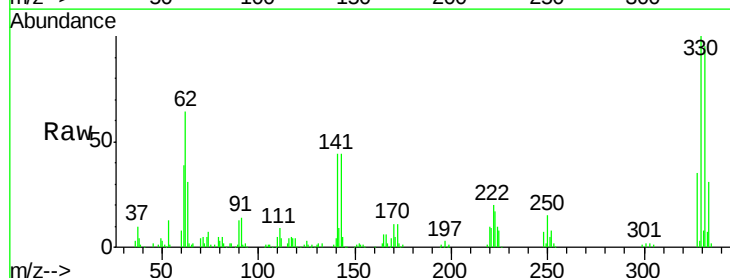


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

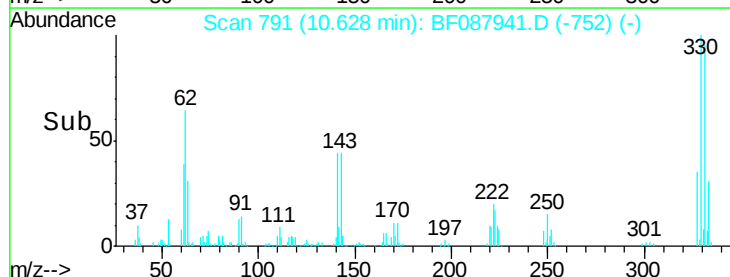
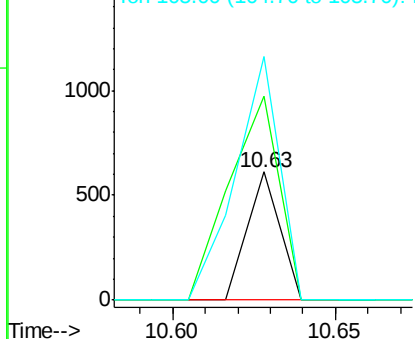


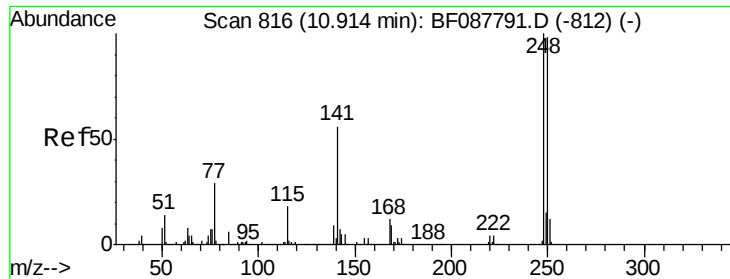
#64
4,6-Dinitro-2-methylphenol
Concen: 2.31 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.15 min
Lab File: BF087941.D
Acq: 12 Jun 2016 11:13

Tgt Ion:198 Resp: 419
Ion Ratio Lower Upper
198 100
51 159.4 39.6 79.6#
105 190.2 36.6 76.6#



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

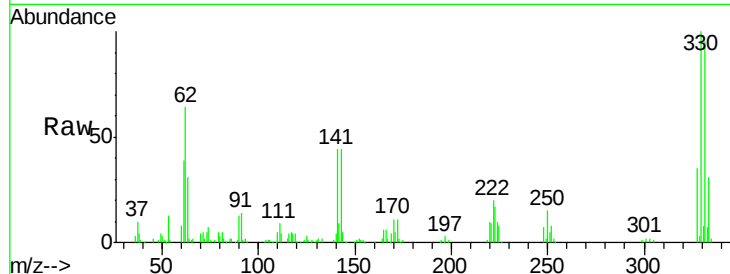




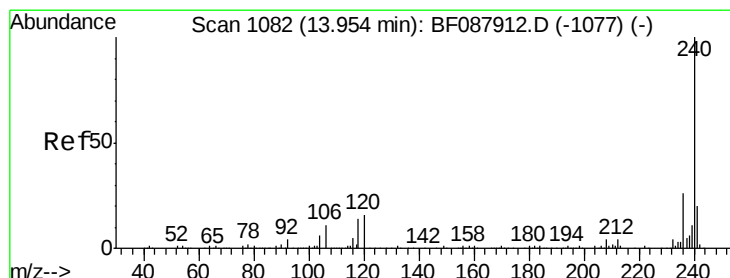
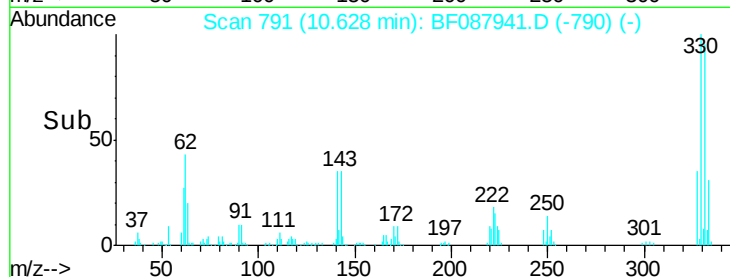
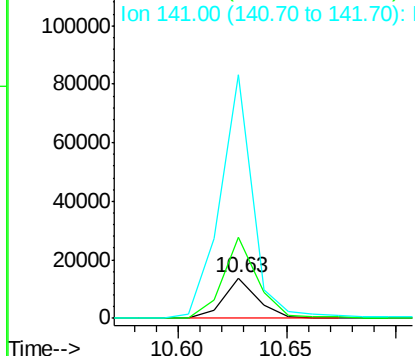
#66
 4-Bromophenyl-phenylether
 Concen: 3.24 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.29 min
 Lab File: BF087941.D
 Acq: 12 Jun 2016 11:13

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW6

Tgt Ion:248 Resp: 14757
 Ion Ratio Lower Upper
 248 100
 250 200.0 77.1 115.7#
 141 602.3 50.6 76.0#

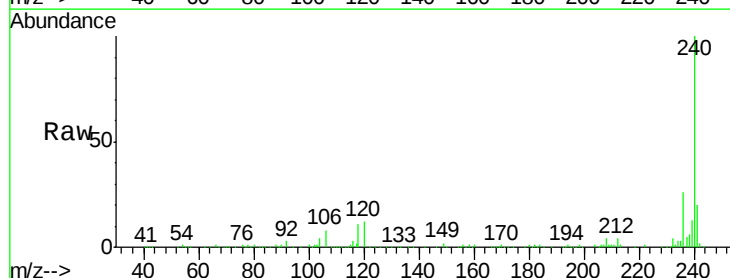


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

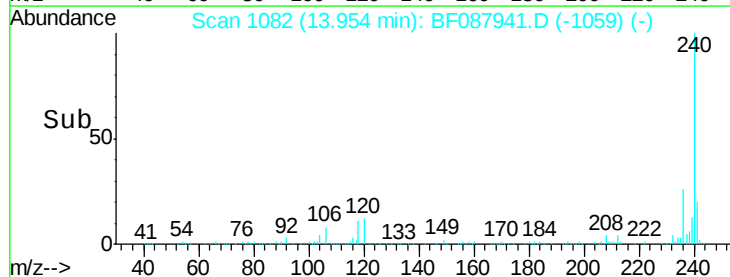
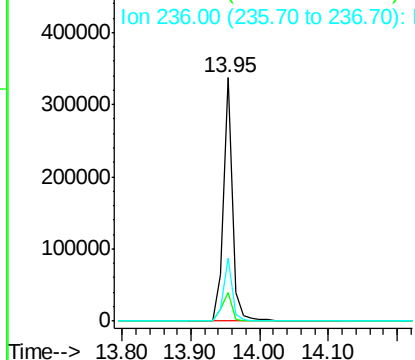


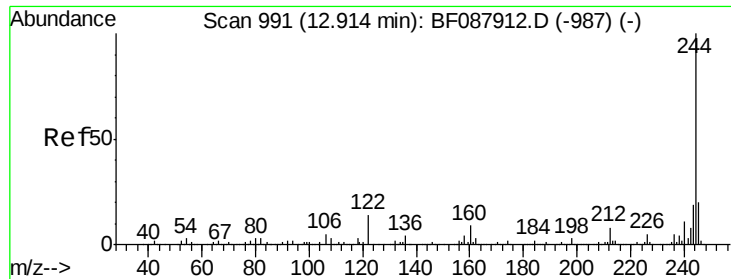
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. -0.03 min
 Lab File: BF087941.D
 Acq: 12 Jun 2016 11:13

Tgt Ion:240 Resp: 317537
 Ion Ratio Lower Upper
 240 100
 120 11.7 6.8 10.2#
 236 25.7 20.2 30.2



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

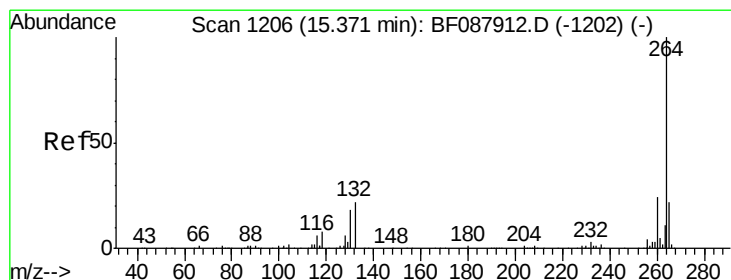
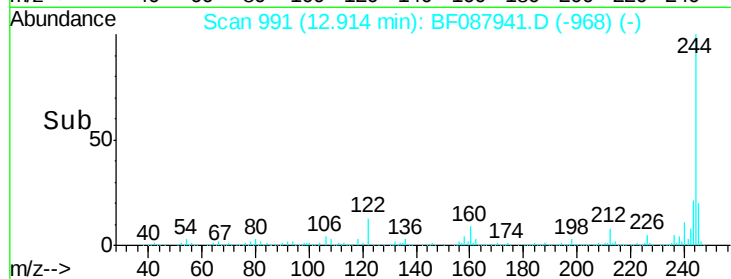
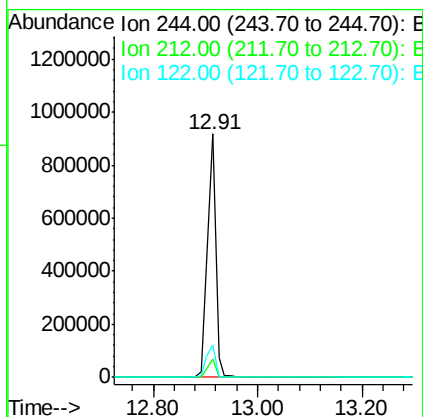
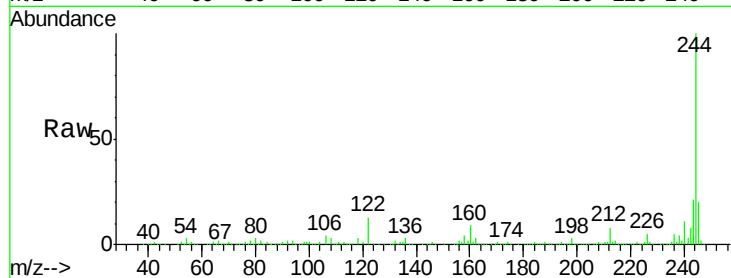




#78
 Terphenyl-d14
 Concen: 71.76 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BF087941.D
 Acq: 12 Jun 2016 11:13

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW6

Tgt Ion:244 Resp: 1001338
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 13.2 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BF087941.D
 Acq: 12 Jun 2016 11:13

Tgt Ion:264 Resp: 237875
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 20.8 16.9 25.3

