

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
 Data File : BF086993.D
 Acq On : 14 May 2016 2:13
 Operator : UM/SJ
 Sample : H2894-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP27-6FT

Quant Time: May 14 03:33:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 23:02:21 2016
 Response via : Initial Calibration

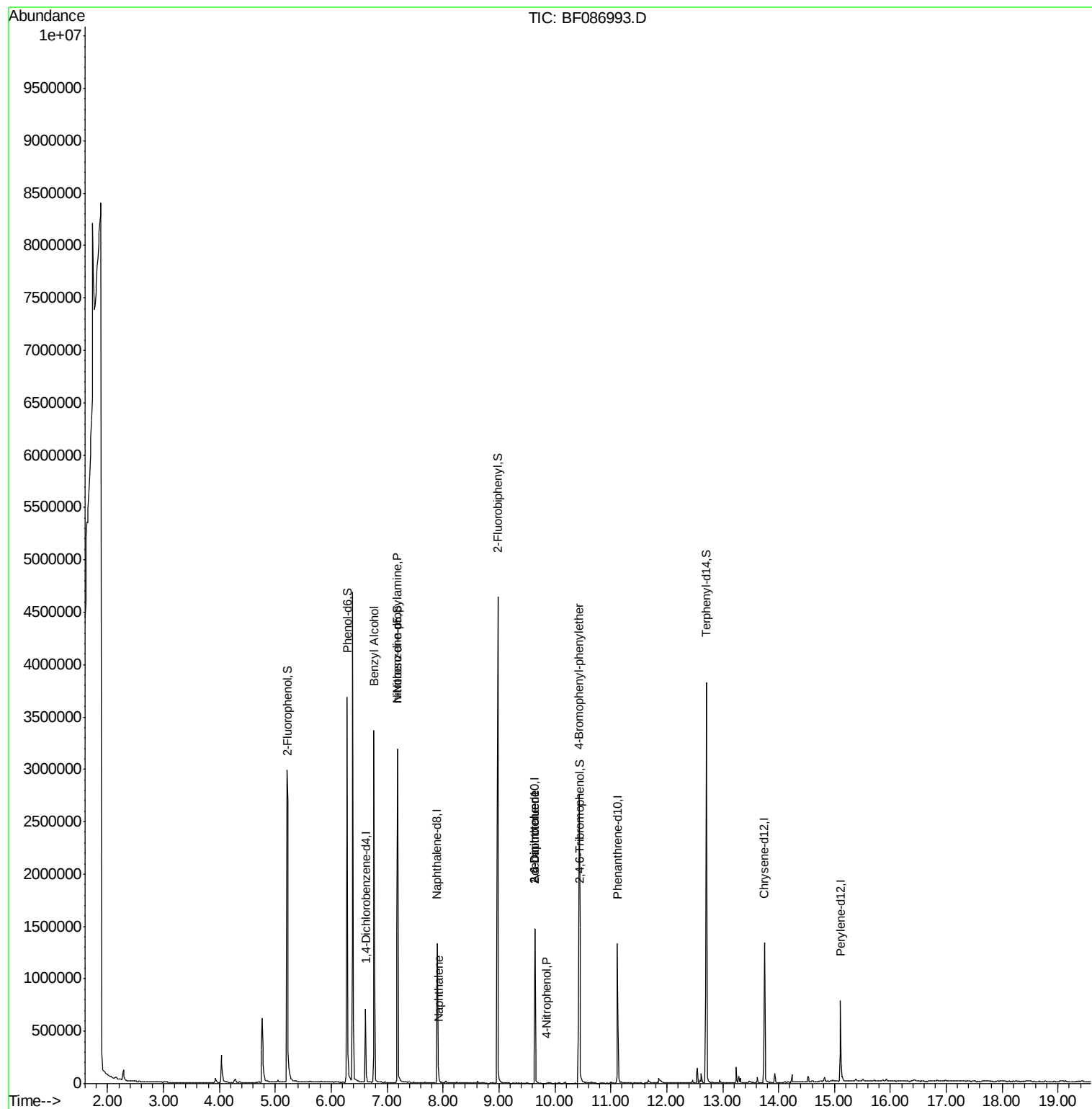
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	136453	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	560184	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	275997	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	534514	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	443335	20.00	ng	-0.01
86) Perylene-d12	15.11	264	321456	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1095634	135.98	ng	0.02
7) Phenol-d6	6.28	99	1464042	135.96	ng	0.00
23) Nitrobenzene-d5	7.19	82	1067841	95.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	434029	148.54	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1674380	101.96	ng	0.00
78) Terphenyl-d14	12.71	244	1681596	80.48	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.76	79	16055	2.16	ng	# 41
19) n-Nitroso-di-n-propylamine	7.19	70	155170	20.62	ng	# 74
31) Naphthalene	7.92	128	57466	2.05	ng	# 99
50) 2,6-Dinitrotoluene	9.64	165	35863	8.09	ng	# 20
55) 4-Nitrophenol	9.85	139	215	4.63	ng	# 14
56) 2,4-Dinitrotoluene	9.64	165	35863	6.54	ng	# 16
66) 4-Bromophenyl-phenylether	10.43	248	24656	4.55	ng	# 1

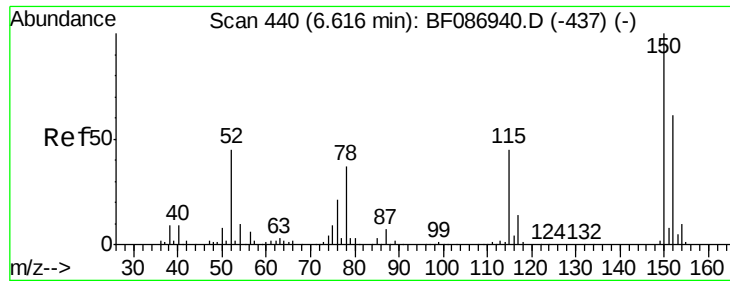
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 13 23:02:21 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF086993.D

Acq: 14 May 2016 2:13

Instrument :

BNA_F

ClientSampleId :

TP27-6FT

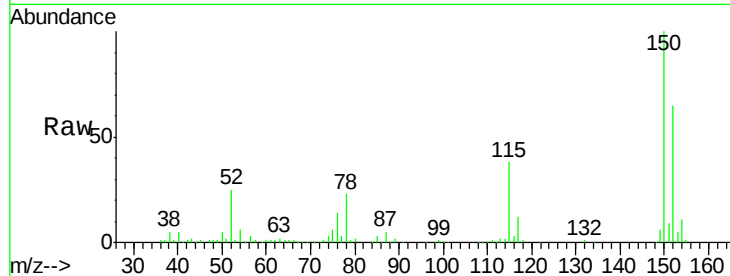
Tgt Ion:152 Resp: 136453

Ion Ratio Lower Upper

152 100

150 152.9 125.8 188.6

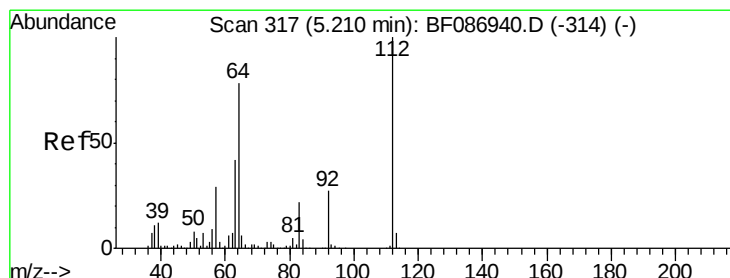
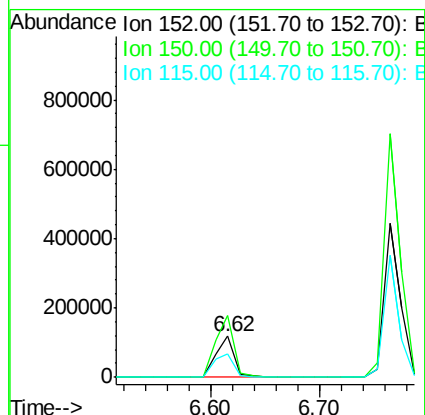
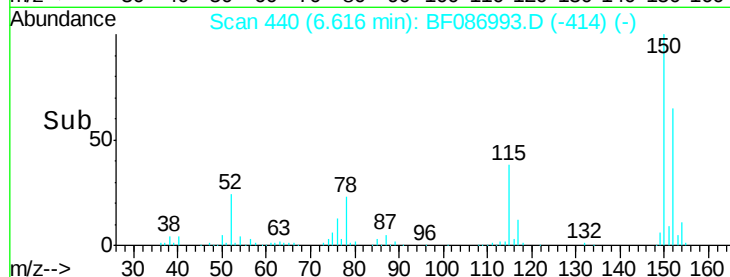
115 57.4 51.5 77.3



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: 135.98 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.02 min

Lab File: BF086993.D

Acq: 14 May 2016 2:13

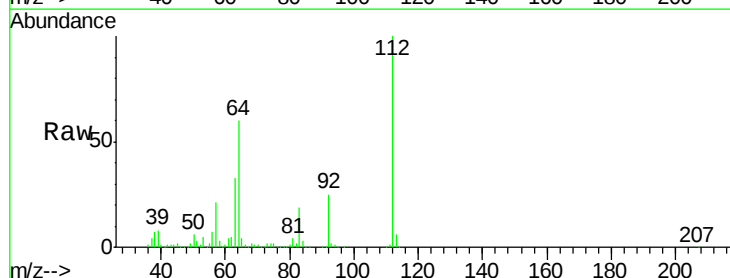
Tgt Ion:112 Resp: 1095634

Ion Ratio Lower Upper

112 100

64 59.7 52.1 78.1

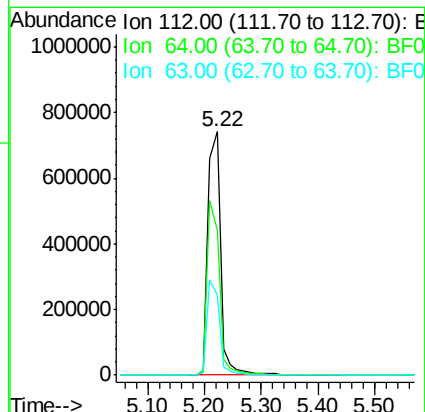
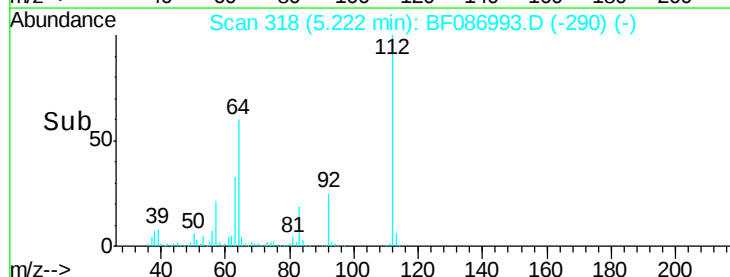
63 32.6 25.7 38.5



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: 135.96 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF086993.D

Acq: 14 May 2016 2:13

Instrument :

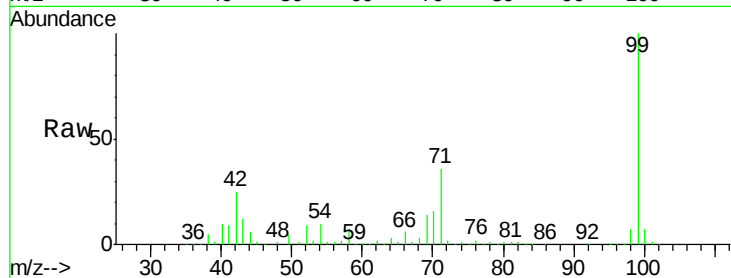
BNA_F

ClientSampleId :

TP27-6FT

Tgt Ion: 99 Resp: 1464042

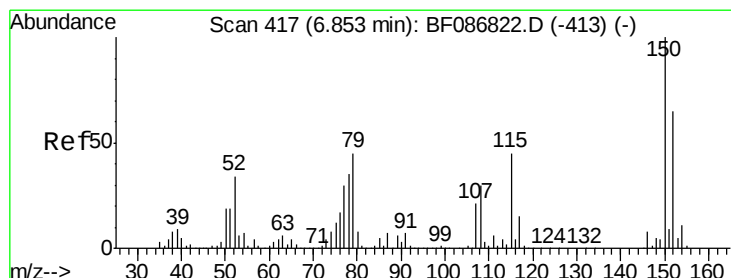
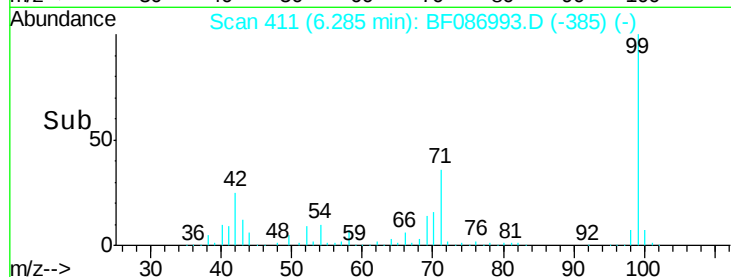
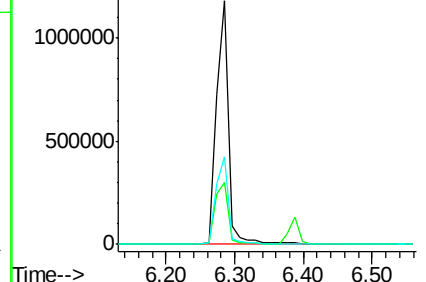
Ion	Ratio	Lower	Upper
99	100		
42	25.3	13.6	20.4#
71	36.0	24.6	36.8



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



#15

Benzyl Alcohol

Concen: 2.16 ng

RT: 6.76 min Scan# 453

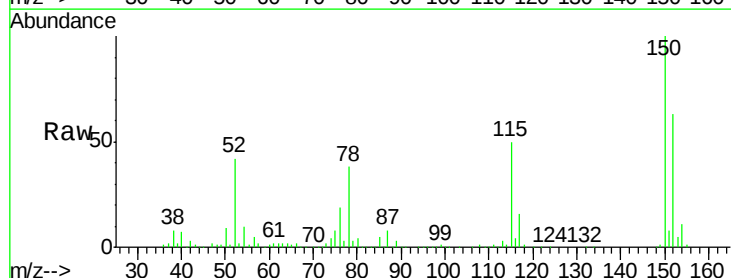
Delta R.T. -0.01 min

Lab File: BF086993.D

Acq: 14 May 2016 2:13

Tgt Ion: 79 Resp: 16055

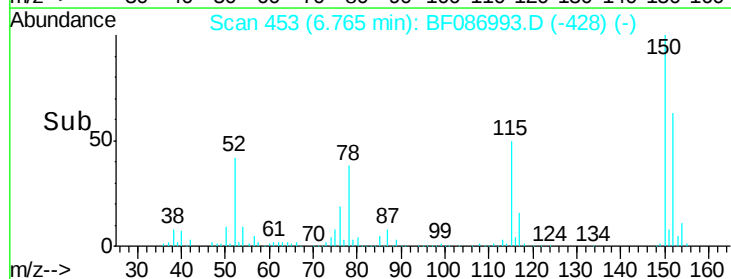
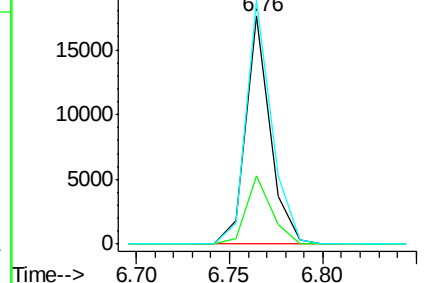
Ion	Ratio	Lower	Upper
79	100		
108	29.8	68.4	102.6#
77	106.8	50.6	76.0#

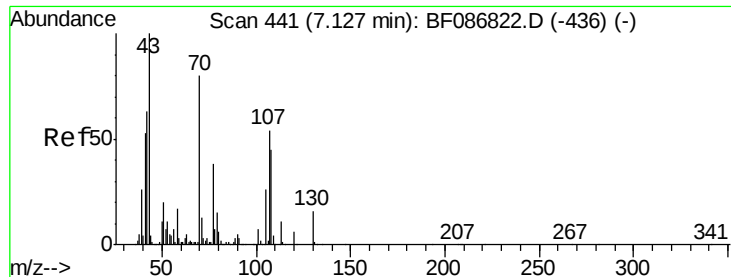


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

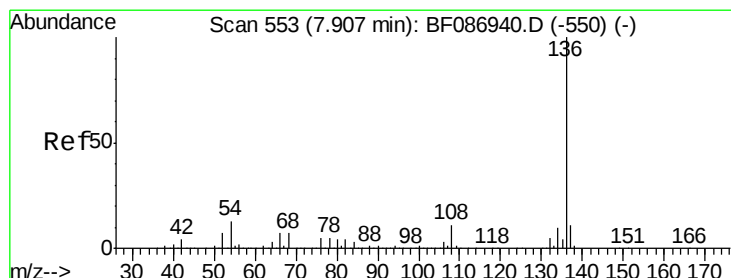
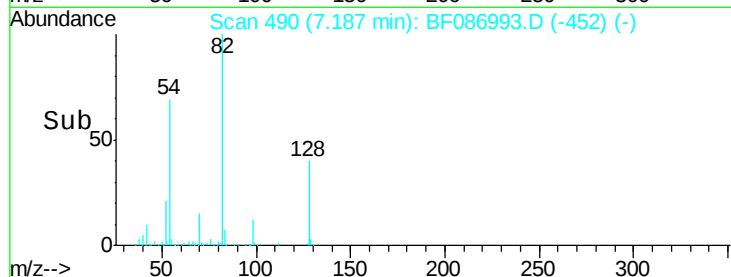
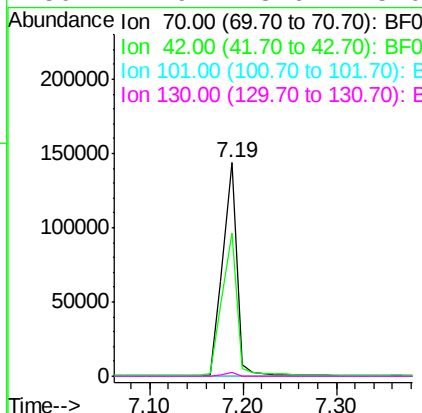
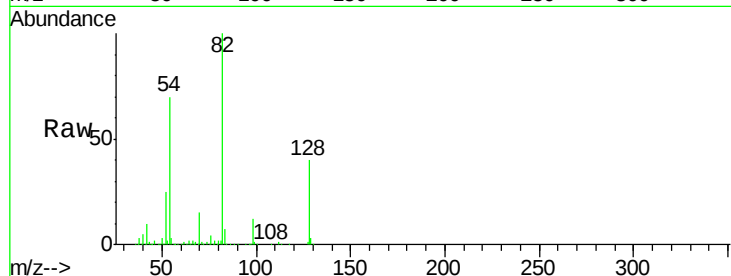




#19
n-Nitroso-di-n-propylamine
Concen: 20.62 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.14 min
Lab File: BF086993.D
Acq: 14 May 2016 2:13

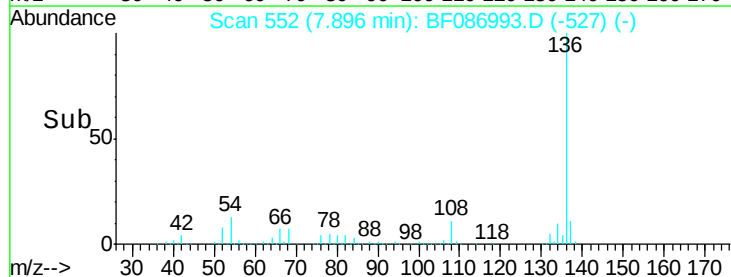
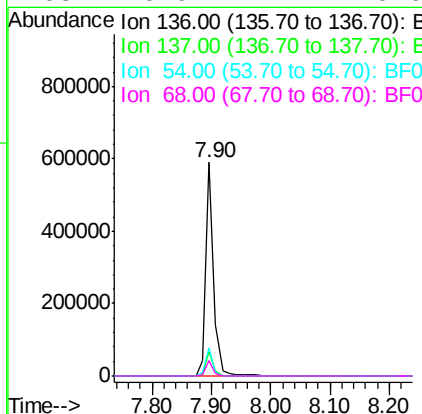
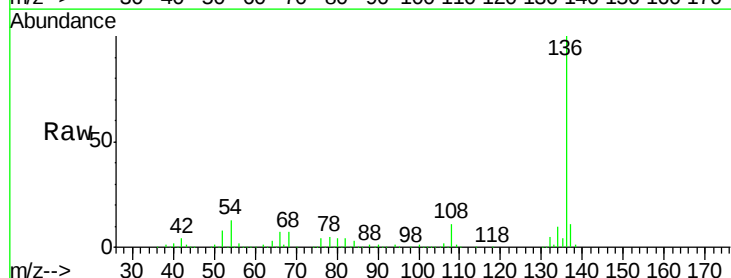
Instrument :
BNA_F
ClientSampleId :
TP27-6FT

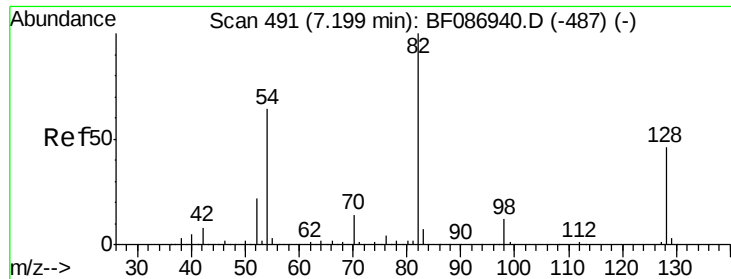
Tgt Ion: 70 Resp: 155170
Ion Ratio Lower Upper
70 100
42 67.1 43.1 64.7#
101 0.0 8.1 12.1#
130 1.9 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF086993.D
Acq: 14 May 2016 2:13

Tgt Ion: 136 Resp: 560184
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 13.0 5.0 7.4#
68 6.9 4.4 6.6#

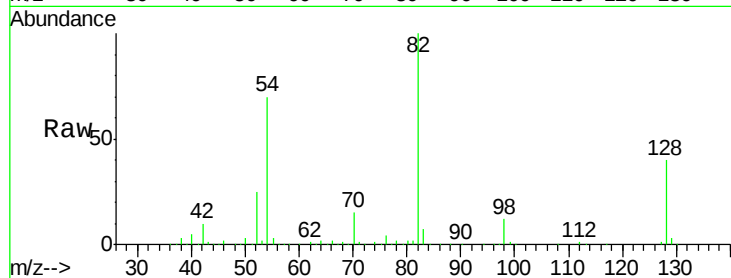




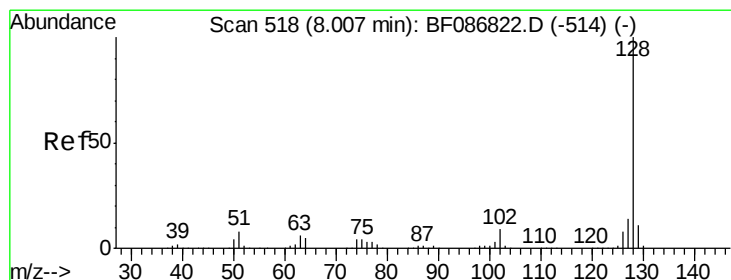
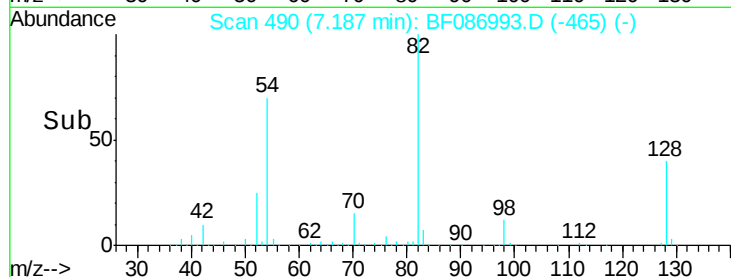
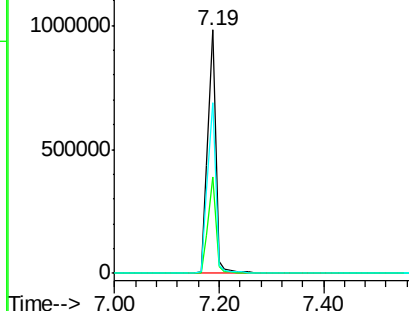
#23
 Nitrobenzene-d5
 Concen: 95.72 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF086993.D
 Acq: 14 May 2016 2:13

Instrument :
 BNA_F
 ClientSampleId :
 TP27-6FT

Tgt Ion: 82 Resp: 1067841
 Ion Ratio Lower Upper
 82 100
 128 39.8 40.6 61.0#
 54 70.2 38.1 57.1#

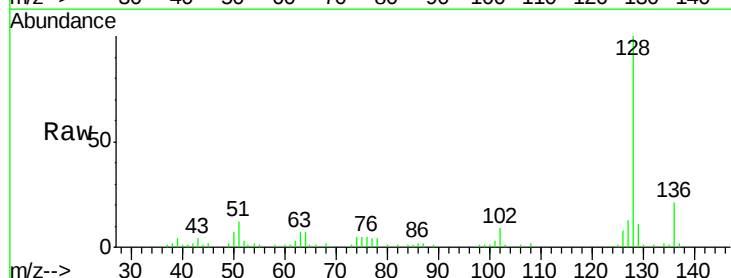


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

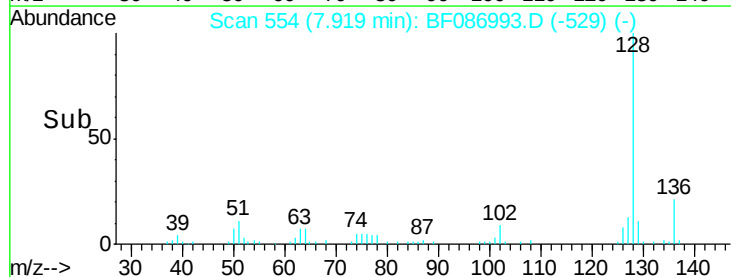
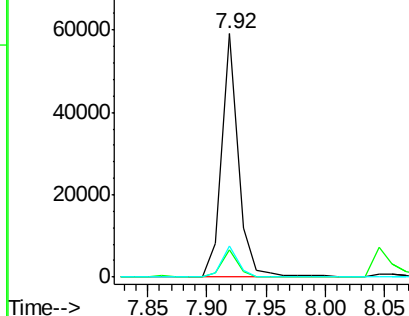


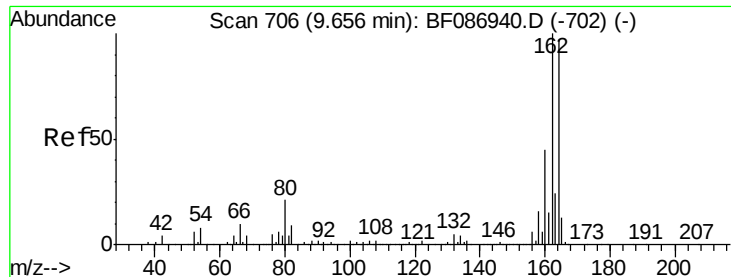
#31
 Naphthalene
 Concen: 2.05 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF086993.D
 Acq: 14 May 2016 2:13

Tgt Ion: 128 Resp: 57466
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.6 13.0
 127 12.8 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

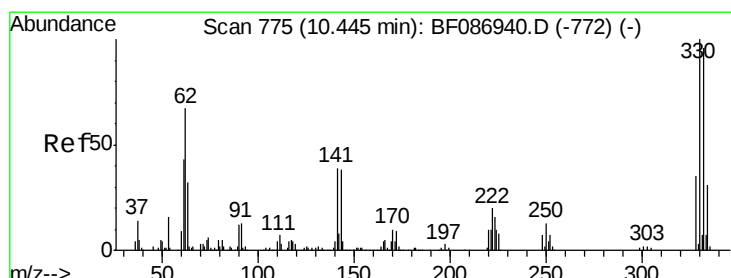
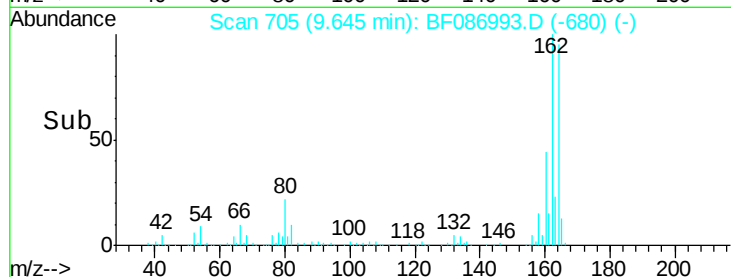
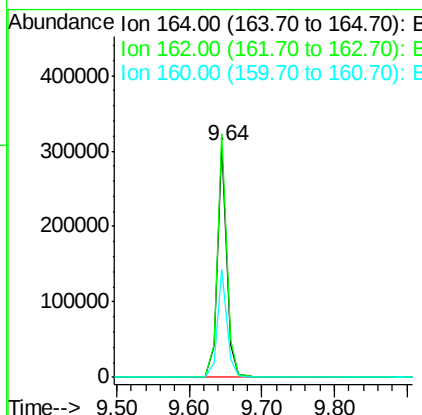
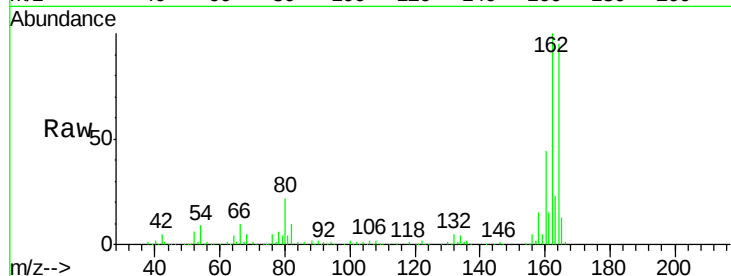




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF086993.D
 Acq: 14 May 2016 2:13

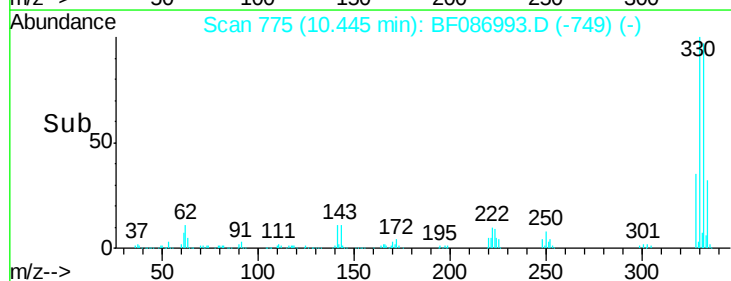
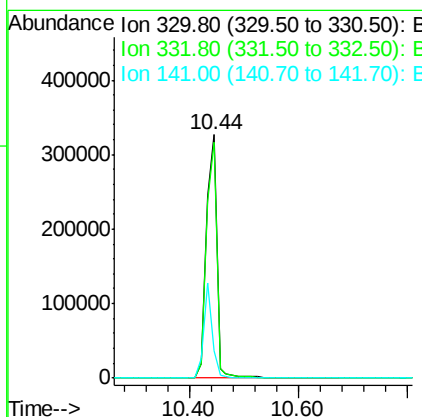
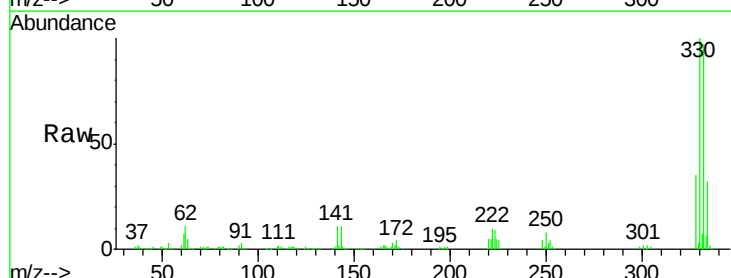
Instrument :
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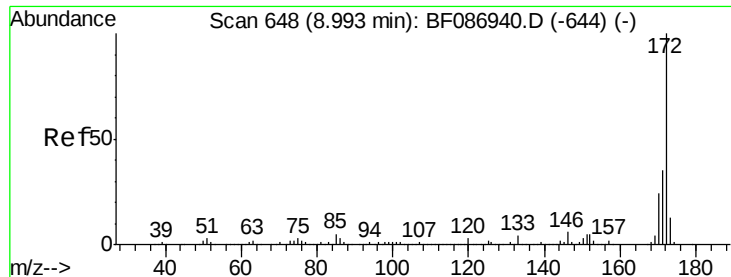
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.8	124.2
160	46.6	36.9	55.3



#41
 2,4,6-Tribromophenol
 Concen: 148.54 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF086993.D
 Acq: 14 May 2016 2:13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.0	118.4
141	32.0	31.2	46.8

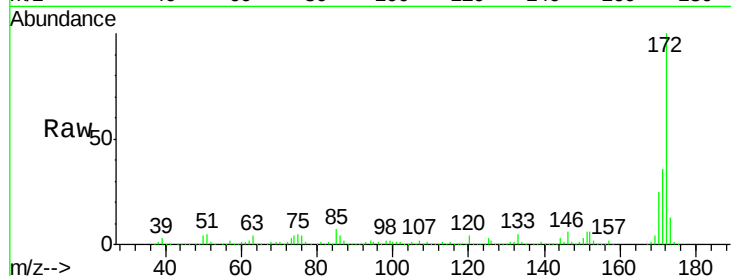




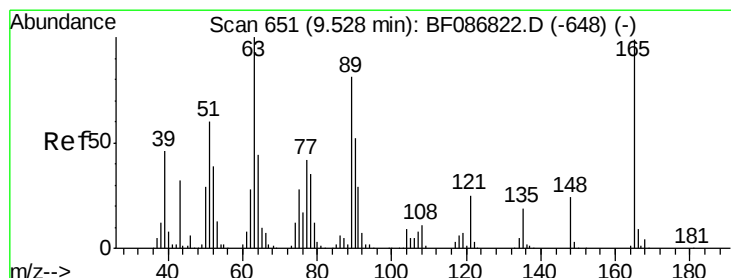
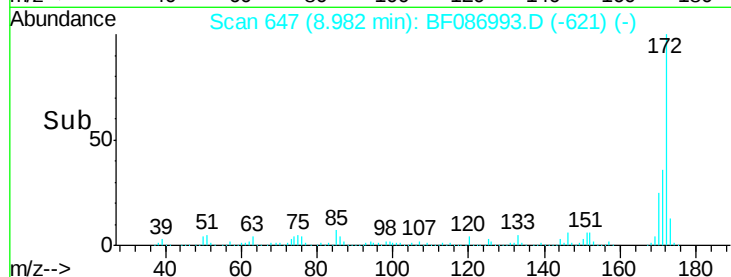
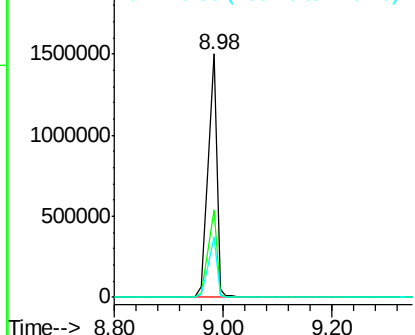
#44
 2-Fluorobiphenyl
 Concen: 101.96 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF086993.D
 Acq: 14 May 2016 2:13

Instrument :
 BNA_F
 ClientSampleId :
 TP27-6FT

Tgt Ion:172 Resp: 1674380
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 24.8 19.8 29.8

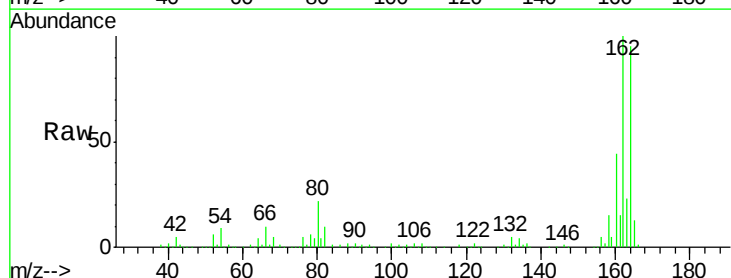


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

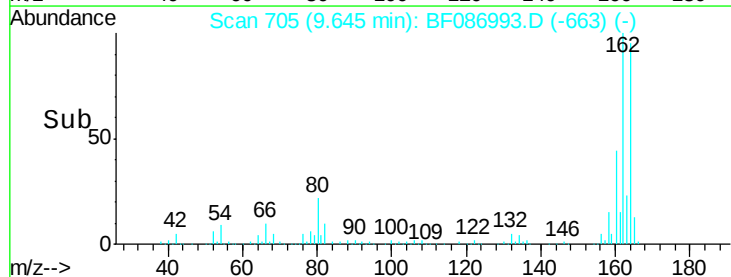
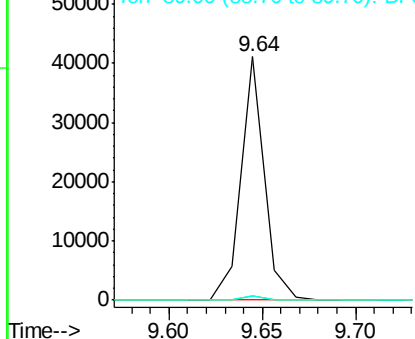


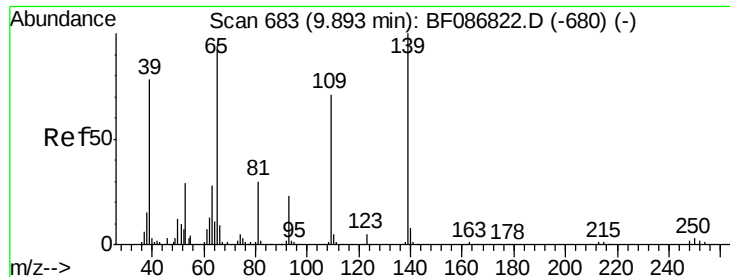
#50
 2,6-Dinitrotoluene
 Concen: 8.09 ng
 RT: 9.64 min Scan# 705
 Delta R.T. 0.18 min
 Lab File: BF086993.D
 Acq: 14 May 2016 2:13

Tgt Ion:165 Resp: 35863
 Ion Ratio Lower Upper
 165 100
 63 1.6 51.8 77.8#
 89 2.0 50.7 76.1#



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

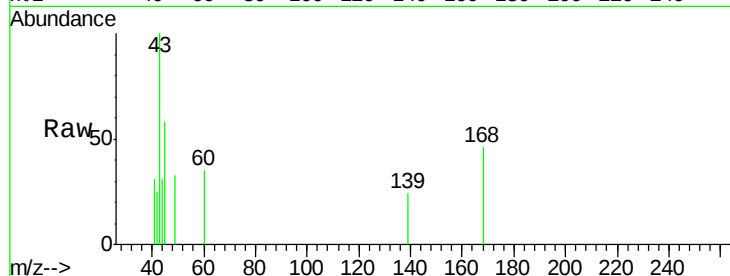




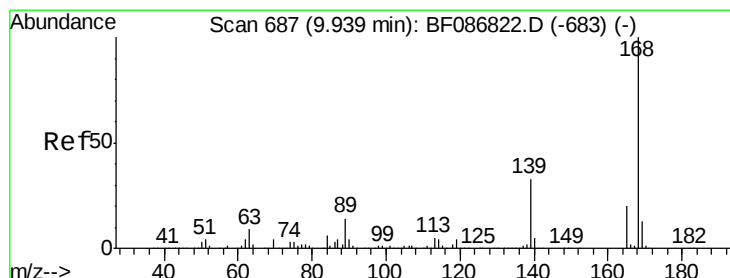
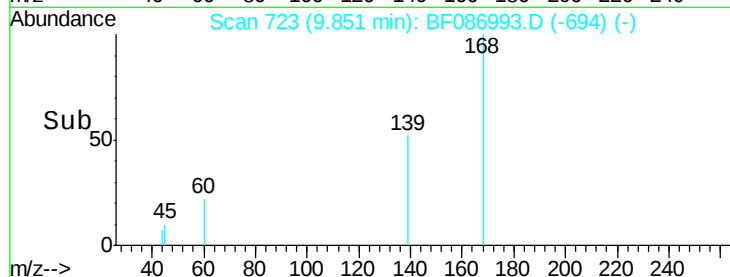
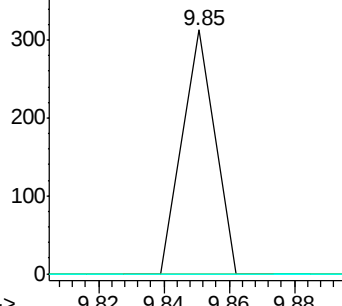
#55
 4-Nitrophenol
 Concen: 4.63 ng
 RT: 9.85 min Scan# 723
 Delta R.T. 0.03 min
 Lab File: BF086993.D
 Acq: 14 May 2016 2:13

Instrument :
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 TP27-6FT

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	36.9	76.9#
65	0.0	64.0	104.0#

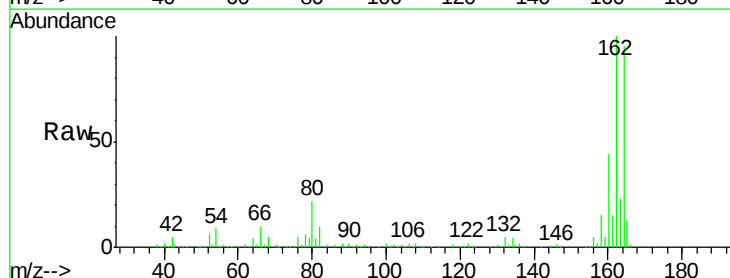


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

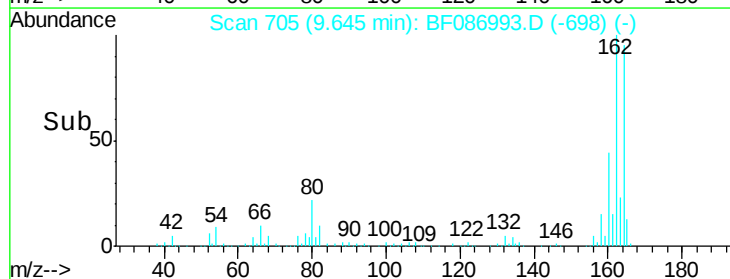
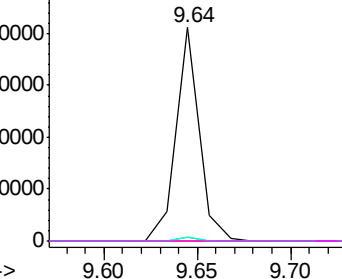


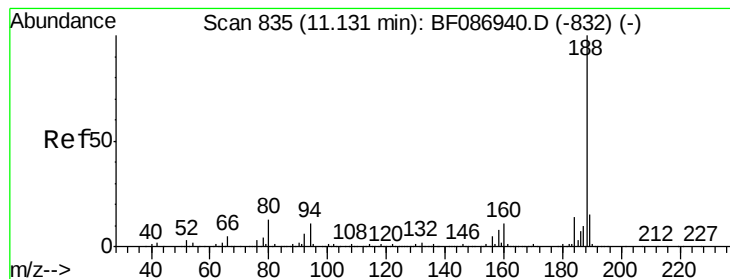
#56
 2,4-Dinitrotoluene
 Concen: 6.54 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.22 min
 Lab File: BF086993.D
 Acq: 14 May 2016 2:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.3	66.5#
89	2.0	70.0	105.0#
182	0.0	1.8	2.6#



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: 11.12 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF086993.D

Acq: 14 May 2016 2:13

Instrument :

BNA_F

ClientSampleId :

TP27-6FT

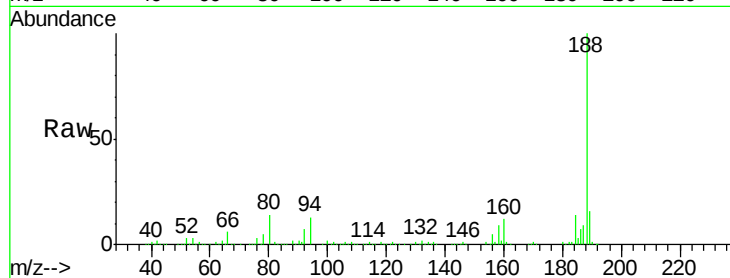
Tgt Ion:188 Resp: 534514

Ion Ratio Lower Upper

188 100

94 12.8 6.8 10.2#

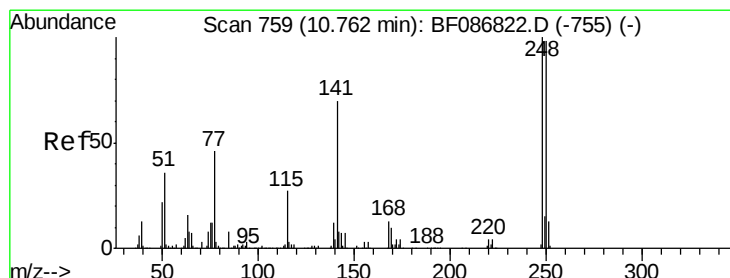
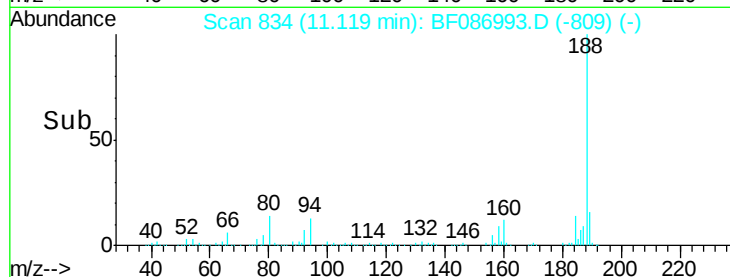
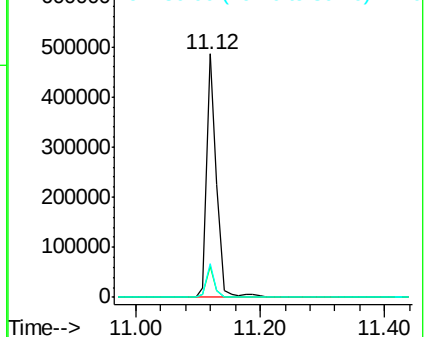
80 13.9 7.1 10.7#



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: 4.55 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.25 min

Lab File: BF086993.D

Acq: 14 May 2016 2:13

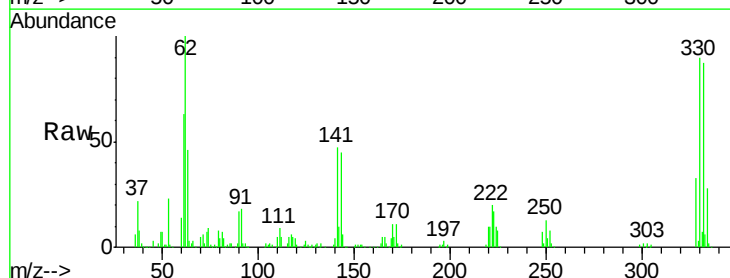
Tgt Ion:248 Resp: 24656

Ion Ratio Lower Upper

248 100

250 190.8 78.6 117.8#

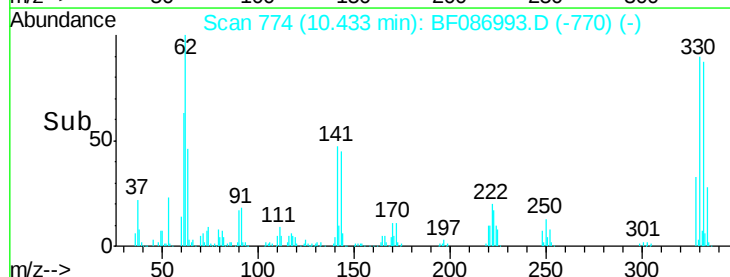
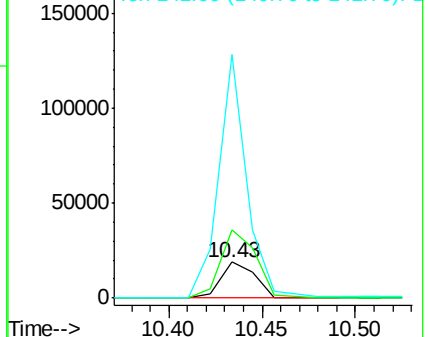
141 675.4 76.0 114.0#

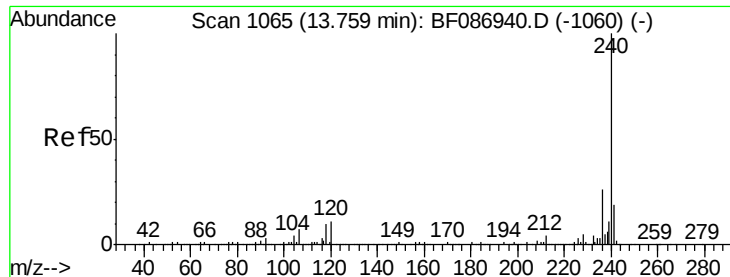


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF086993.D

Acq: 14 May 2016 2:13

Instrument :

BNA_F

ClientSampleId :

TP27-6FT

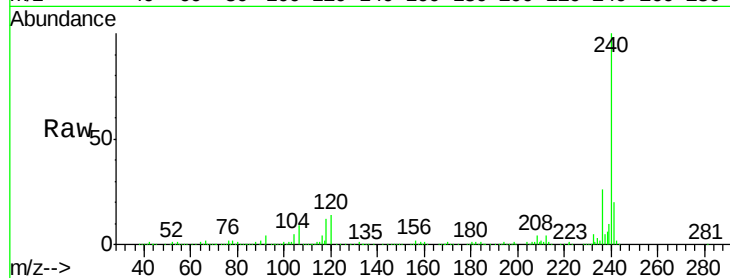
Tgt Ion:240 Resp: 443335

Ion Ratio Lower Upper

240 100

120 13.7 11.2 16.8

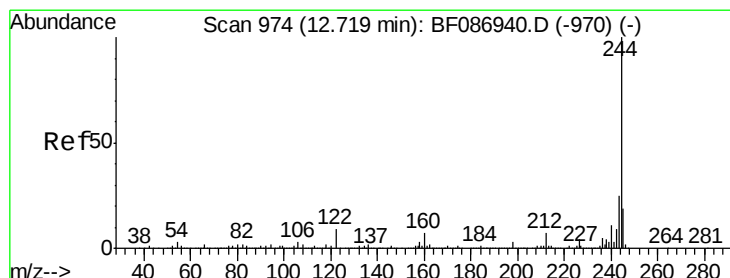
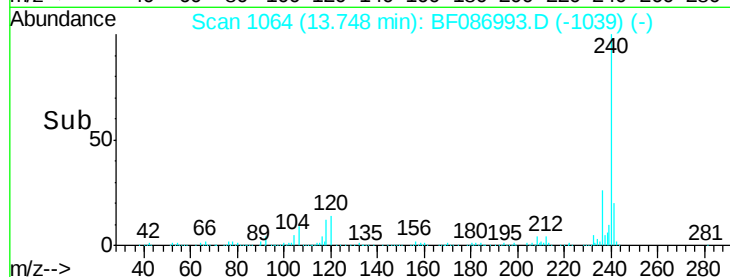
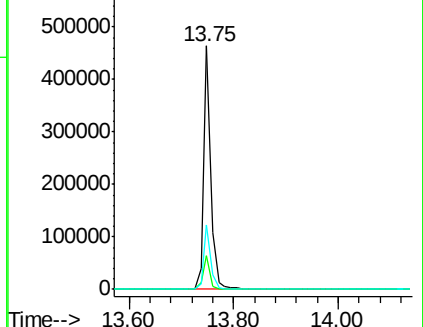
236 26.4 21.2 31.8



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: 80.48 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF086993.D

Acq: 14 May 2016 2:13

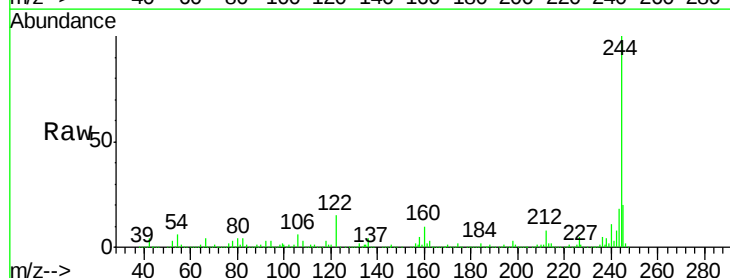
Tgt Ion:244 Resp: 1681596

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

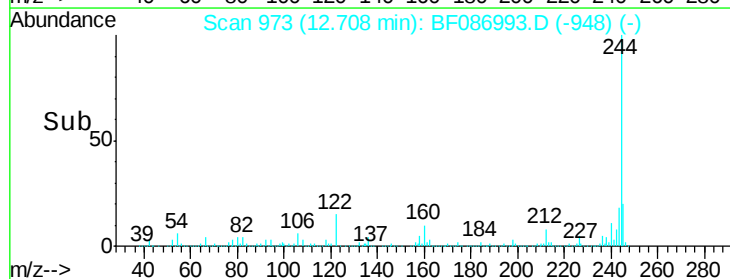
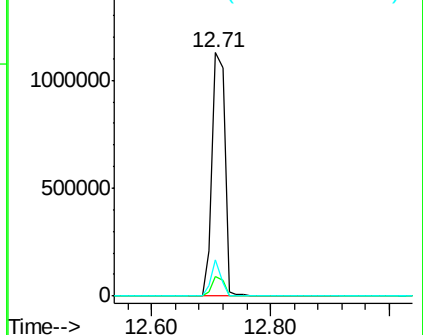
122 14.8 12.0 18.0

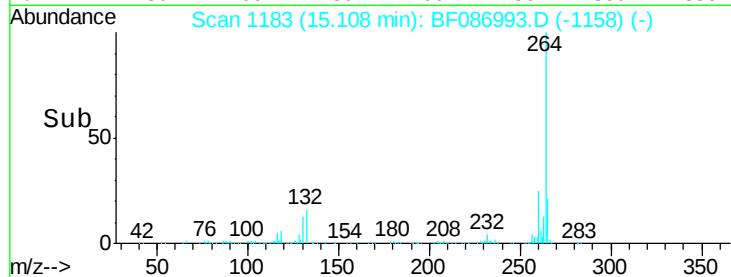
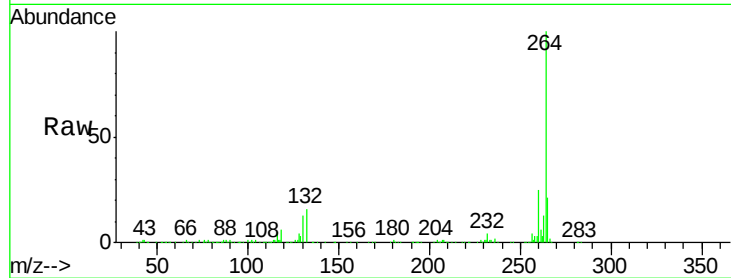
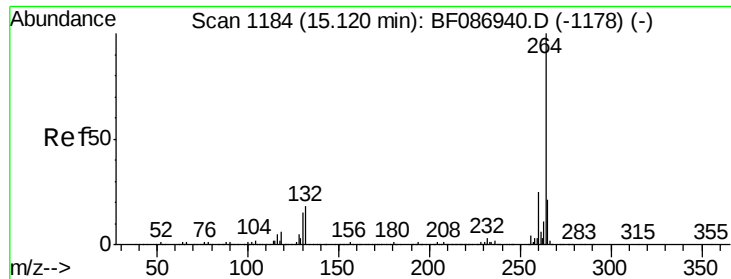


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.11 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF086993.D

Acq: 14 May 2016 2:13

Instrument :

BNA_F

ClientSampleId :

TP27-6FT

Tgt Ion:264 Resp: 321456

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 21.4 17.3 25.9

