

Data File : BF093183.D
Acq On : 25 Feb 2017 10:44
Operator : SJ/MA
Sample : I1972-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2B21-WESTSW-1

Quant Time: Feb 26 23:40:15 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	150757	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	554871	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	223989	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	342026	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	271395	20.00	ng	0.00
86) Perylene-d12	15.45	264	288686	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	1329780	151.33	ng	-0.01
7) Phenol-d6	6.48	99	1697419	150.13	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1043766	104.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	216814	133.83	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1559726	126.15	ng	-0.01
78) Terphenyl-d14	12.96	244	949746	82.23	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.49	94	71134	5.38	ng	# 78
19) n-Nitroso-di-n-propylamine	7.40	70	137841	19.15	ng	# 80
25) Isophorone	7.40	82	965541	52.00	ng	# 65
31) Naphthalene	8.14	128	143824	5.11	ng	# 97
32) Benzoic acid	7.93	122	5171	8.08	ng	# 8
37) 2-Methylnaphthalene	8.83	142	91299	5.06	ng	# 99
45) 1,1'-Biphenyl	9.30	154	36815	2.27	ng	# 96
48) Acenaphthylene	9.73	152	103871	4.74	ng	# 96
49) Dimethylphthalate	9.60	163	197145	13.07	ng	# 99
51) Acenaphthene	9.90	154	234520	17.90	ng	# 96
54) Dibenzofuran	10.09	168	361013	20.60	ng	# 89
55) 4-Nitrophenol	10.09	139	132177	49.22	ng	# 5
57) Fluorene	10.43	166	299766	22.23	ng	# 97
64) 4,6-Dinitro-2-methylphenol	10.67	198	355	2.83	ng	# 1
65) n-Nitrosodiphenylamine	10.51	169	26729	2.45	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	14789	4.14	ng	# 1
70) Phenanthrene	11.39	178	2146027	109.52	ng	# 99
71) Anthracene	11.45	178	858202	43.61	ng	# 97
72) Carbazole	11.60	167	276217	14.68	ng	# 99
74) Fluoranthene	12.59	202	2022234	100.05	ng	# 95
77) Pyrene	12.82	202	1857889	91.48	ng	# 100
80) Benzo(a)anthracene	14.01	228	1228267	74.00	ng	# 98
81) 3,3'-Dichlorobenzidine	14.04	252	12317	2.08	ng	# 1
82) Chrysene	14.01	228	1228267	79.03	ng	# 96
85) Indeno(1,2,3-cd)pyrene	16.85	276	266415	22.13	ng	# 94
87) Benzo(b)fluoranthene	15.04	252	1301572	68.50	ng	# 98
88) Benzo(k)fluoranthene	15.04	252	1301572	79.33	ng	# 96
89) Benzo(a)pyrene	15.39	252	715750	43.55	ng	# 97
90) Dibenzo(a,h)anthracene	16.67	278	64803	4.88	ng	# 93
91) Benzo(g,h,i)perylene	17.28	276	223203	16.63	ng	# 88

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

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ClientSampleId :

E2B21-WESTSW-1

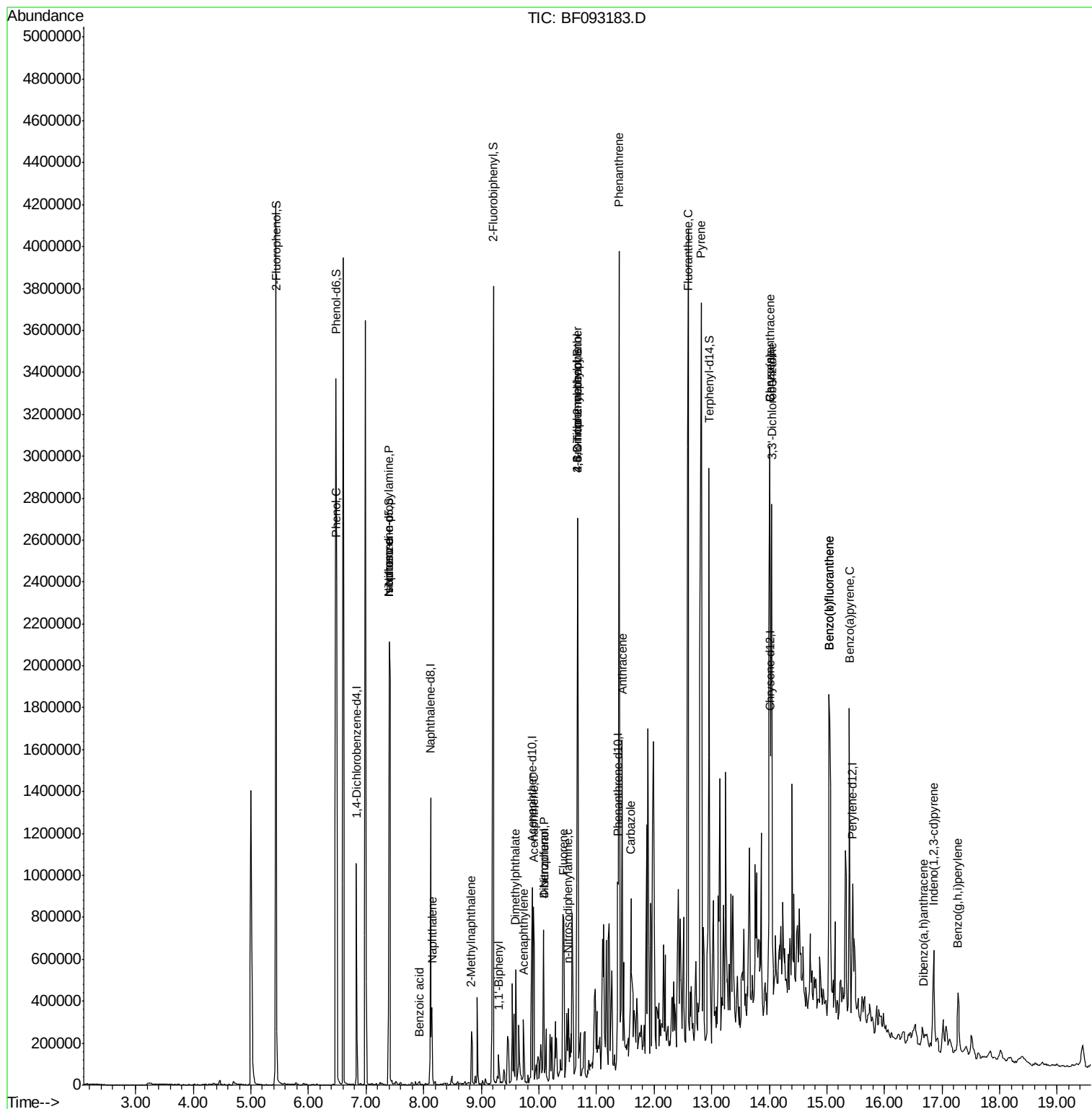
Quant Time: Feb 26 23:40:15 2017

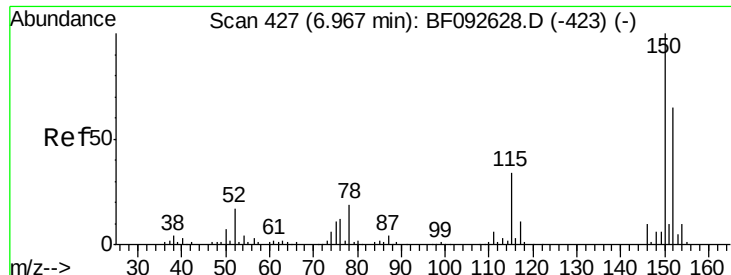
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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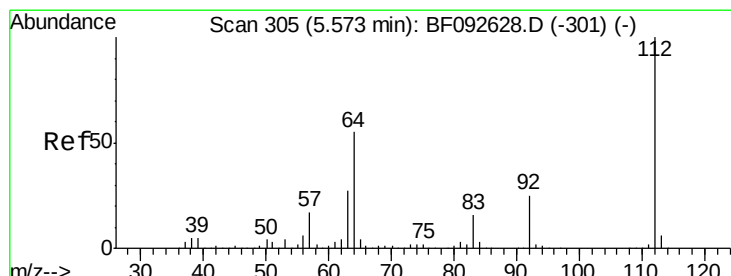
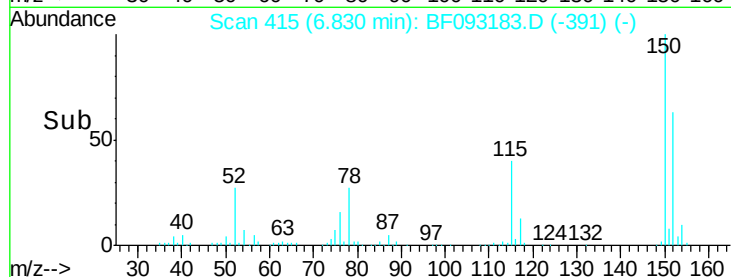
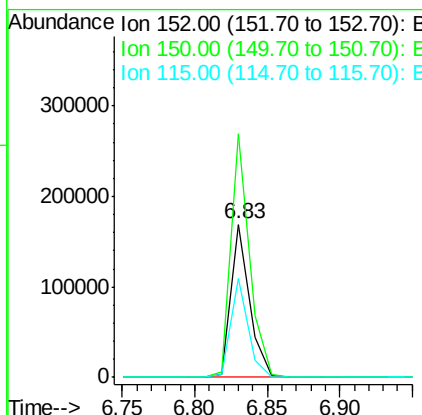
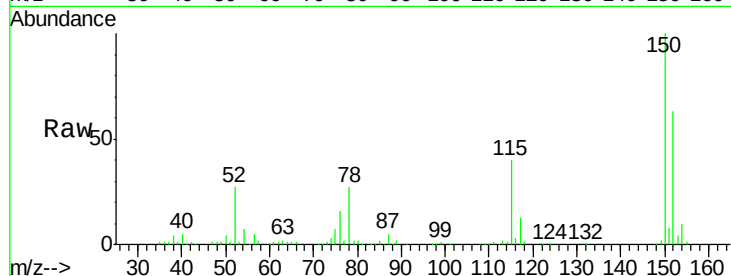


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF093183.D
Acq: 25 Feb 2017 10:44

Instrument :
BNA_F
ClientSampleId :
E2B21-WESTSW-1

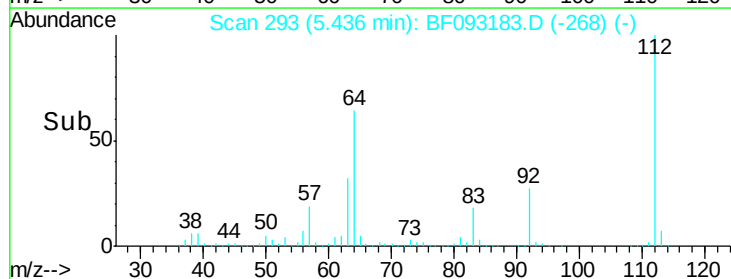
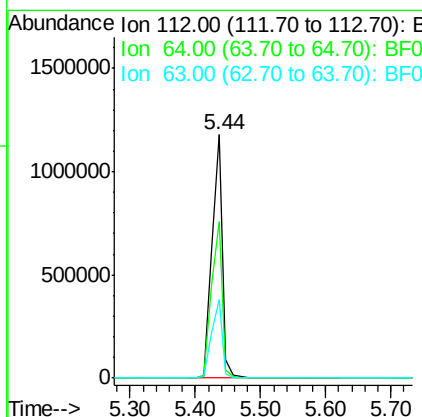
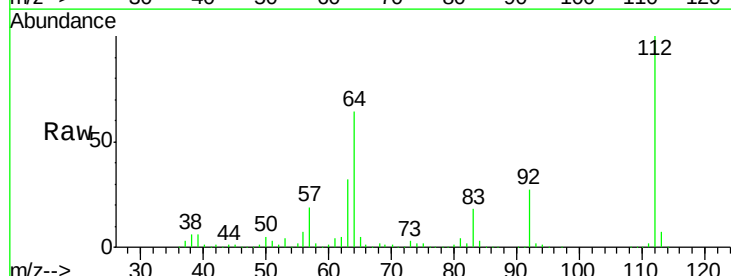
Tgt Ion:152 Resp: 150757
Ion Ratio Lower Upper
152 100
150 158.9 124.9 187.3
115 64.2 46.0 69.0

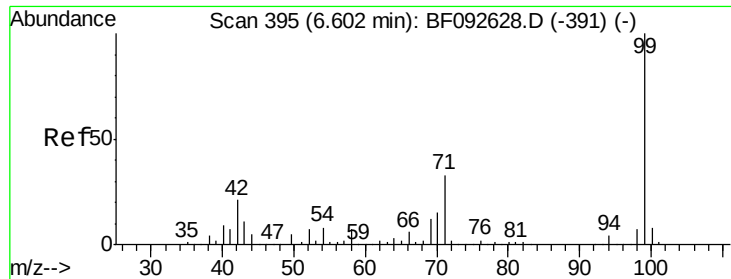


#5

2-Fluorophenol
Concen: 151.33 ng
RT: 5.44 min Scan# 293
Delta R.T. -0.01 min
Lab File: BF093183.D
Acq: 25 Feb 2017 10:44

Tgt Ion:112 Resp: 1329780
Ion Ratio Lower Upper
112 100
64 64.1 46.1 69.1
63 32.3 23.8 35.6





#7

Phenol-d6

Concen: 150.13 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093183.D

Acq: 25 Feb 2017 10:44

Instrument :

BNA_F

ClientSampleId :

E2B21-WESTSW-1

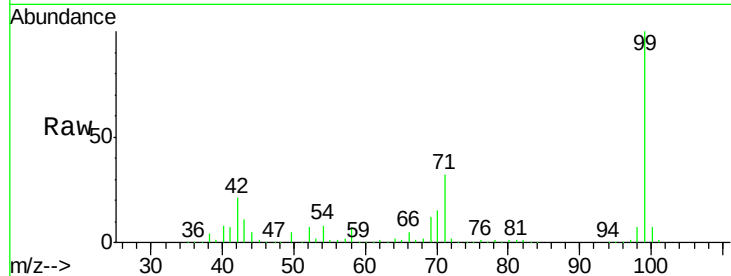
Tgt Ion: 99 Resp: 1697419

Ion Ratio Lower Upper

99 100

42 20.6 15.6 23.4

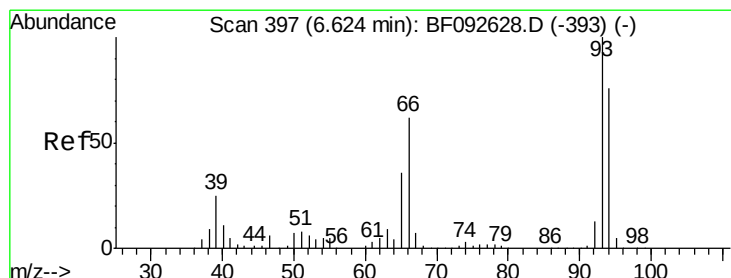
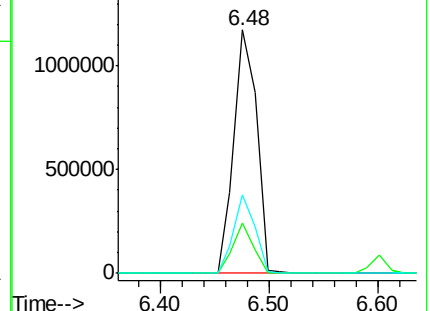
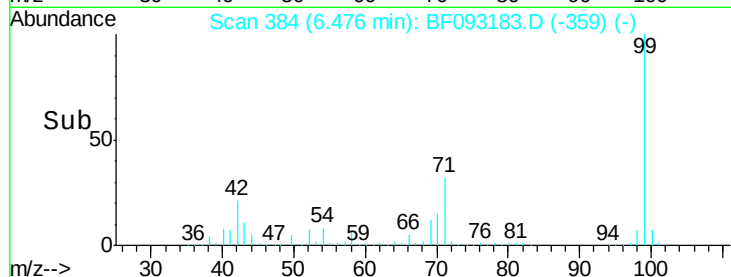
71 32.4 27.5 41.3



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: 5.38 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093183.D

Acq: 25 Feb 2017 10:44

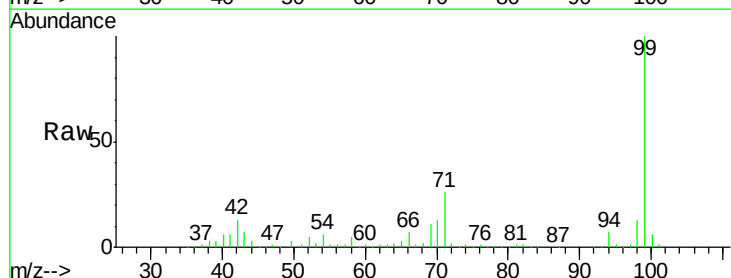
Tgt Ion: 94 Resp: 71134

Ion Ratio Lower Upper

94 100

65 42.7 21.4 61.4

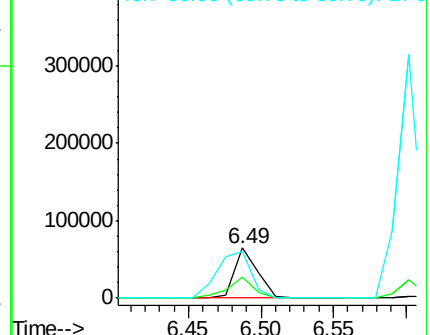
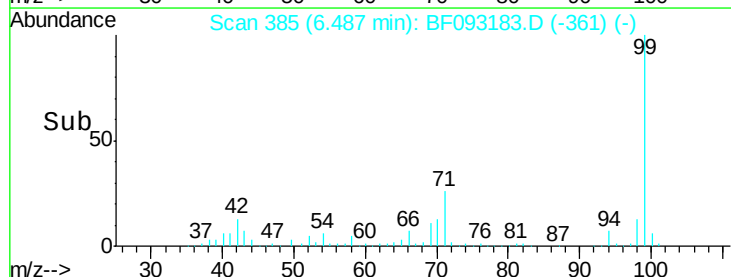
66 91.4 44.0 84.0#

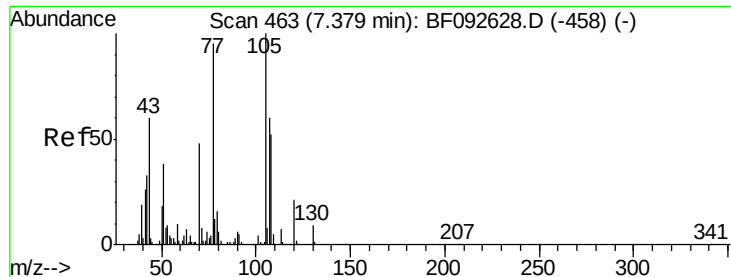


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 19.15 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.13 min

Lab File: BF093183.D

Acq: 25 Feb 2017 10:44

Instrument :

BNA_F

ClientSampleId :

E2B21-WESTSW-1

Tgt Ion: 70 Resp: 137841

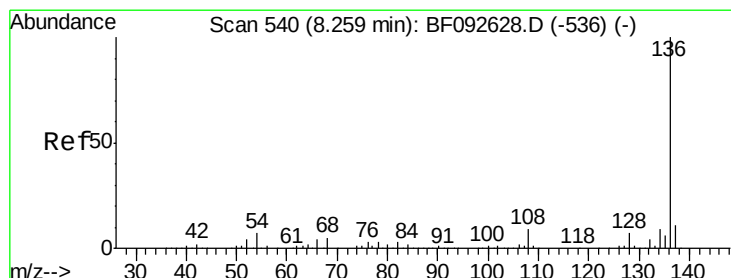
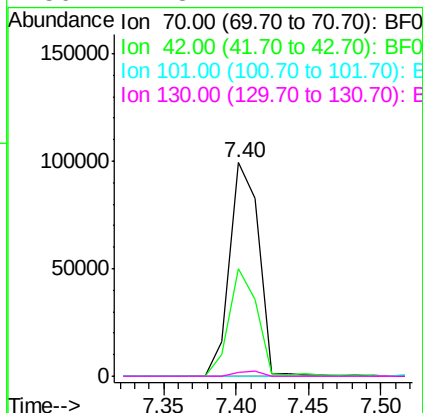
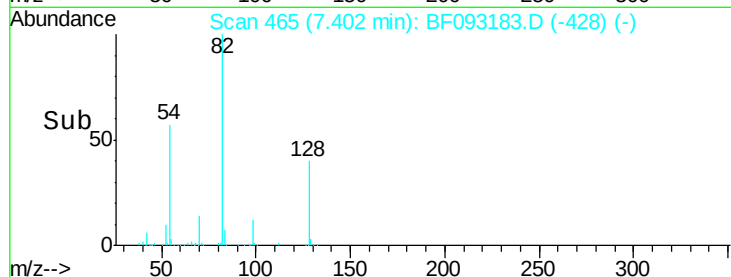
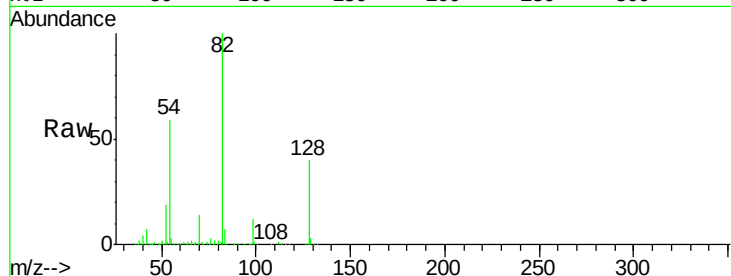
Ion Ratio Lower Upper

70 100

42 50.6 49.4 74.0

101 0.0 7.4 11.2#

130 1.8 14.2 21.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF093183.D

Acq: 25 Feb 2017 10:44

Tgt Ion: 136 Resp: 554871

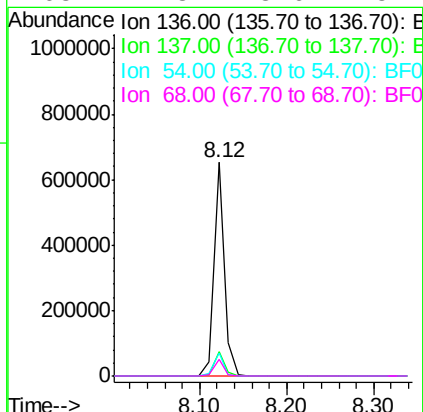
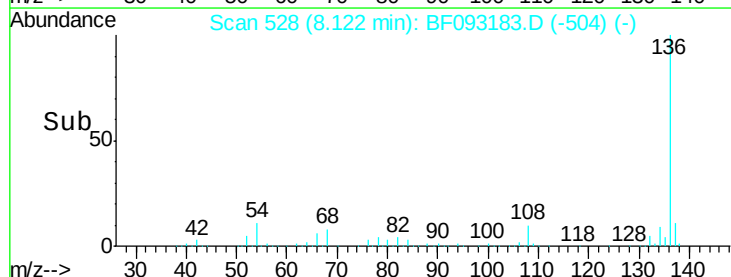
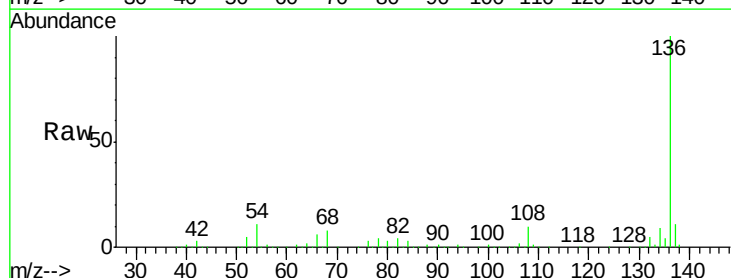
Ion Ratio Lower Upper

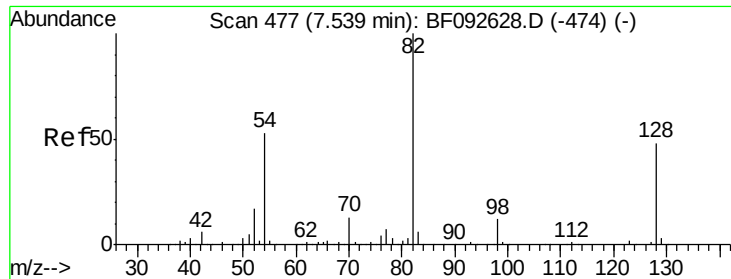
136 100

137 11.2 8.4 12.6

54 10.9 4.5 6.7#

68 7.8 3.6 5.4#

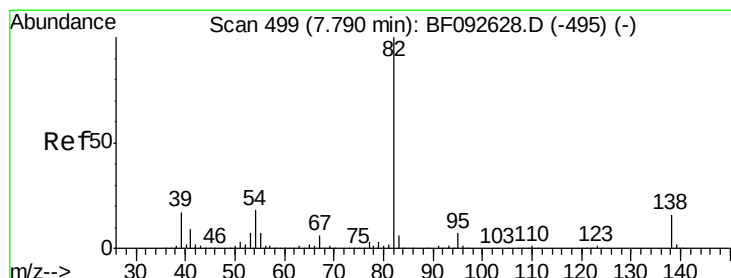
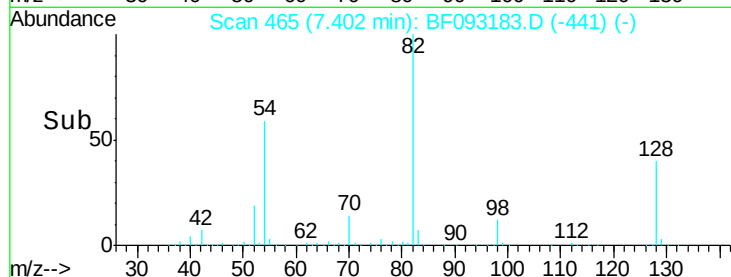
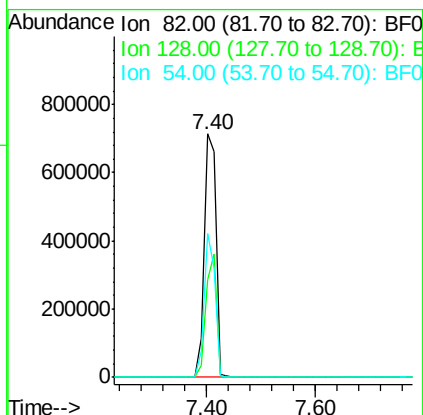
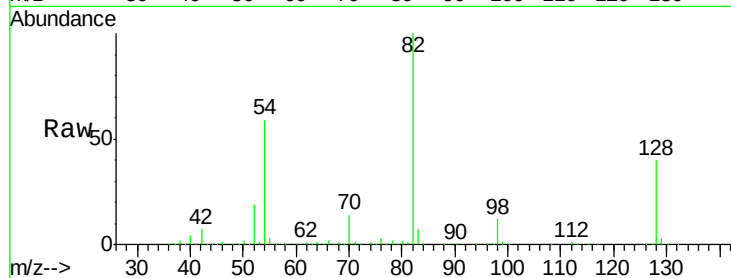




#23
 Nitrobenzene-d5
 Concen: 104.75 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.02 min
 Lab File: BF093183.D
 Acq: 25 Feb 2017 10:44

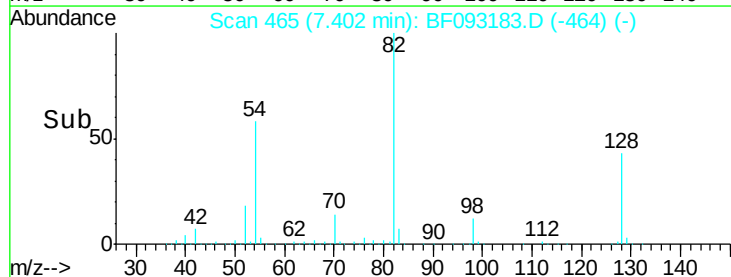
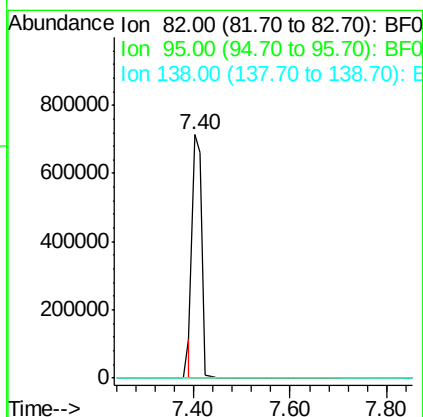
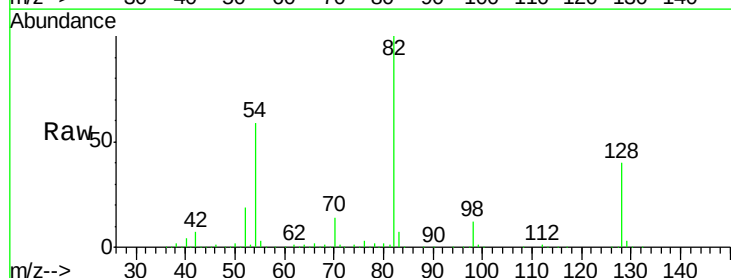
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 E2B21-WESTSW-1

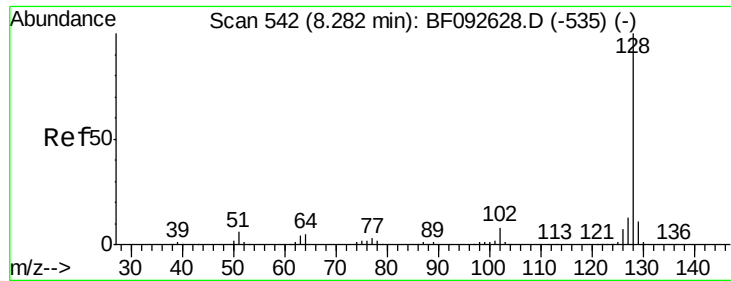
Tgt Ion: 82 Resp: 1043766
 Ion Ratio Lower Upper
 82 100
 128 40.4 34.6 52.0
 54 59.1 39.5 59.3



#25
 Isophorone
 Concen: 52.00 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.29 min
 Lab File: BF093183.D
 Acq: 25 Feb 2017 10:44

Tgt Ion: 82 Resp: 965541
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#

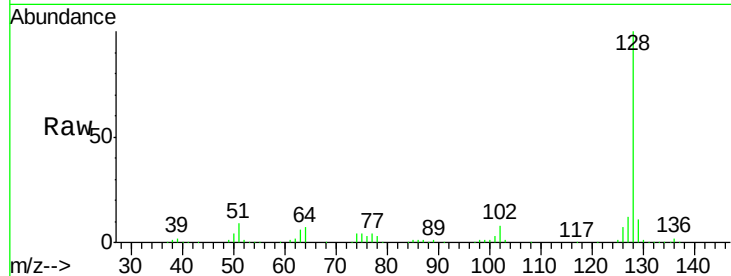




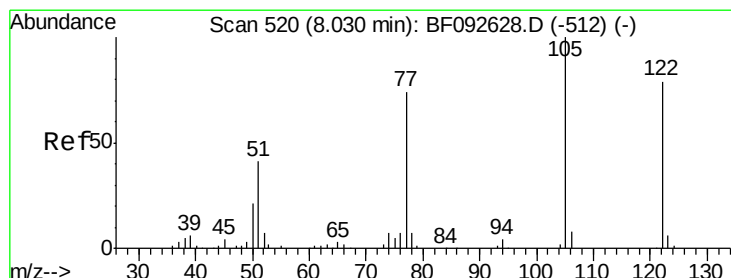
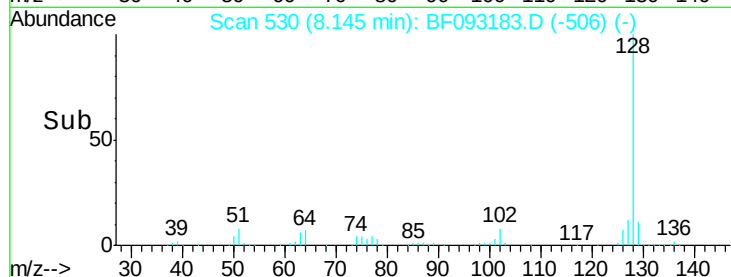
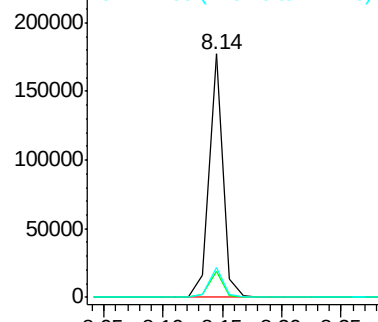
#31
Naphthalene
Concen: 5.11 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF093183.D
Acq: 25 Feb 2017 10:44

Instrument :
BNA_F
ClientSampleId :
E2B21-WESTSW-1

Tgt Ion:128 Resp: 143824
Ion Ratio Lower Upper
128 100
129 10.9 9.5 14.3
127 12.5 10.8 16.2

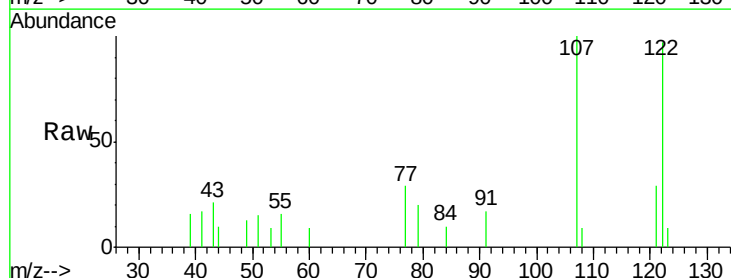


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

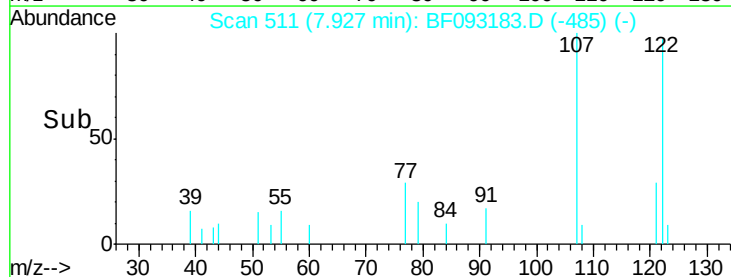
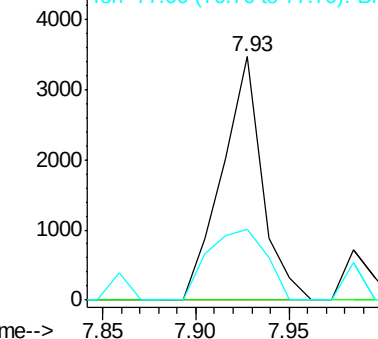


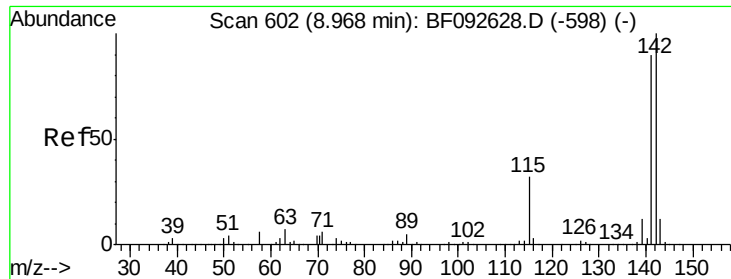
#32
Benzoic acid
Concen: 8.08 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF093183.D
Acq: 25 Feb 2017 10:44

Tgt Ion:122 Resp: 5171
Ion Ratio Lower Upper
122 100
105 0.0 107.2 147.2#
77 29.3 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

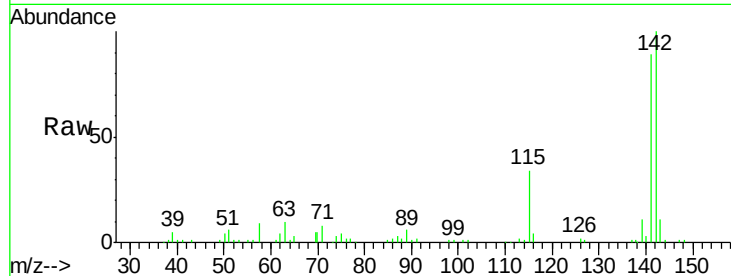




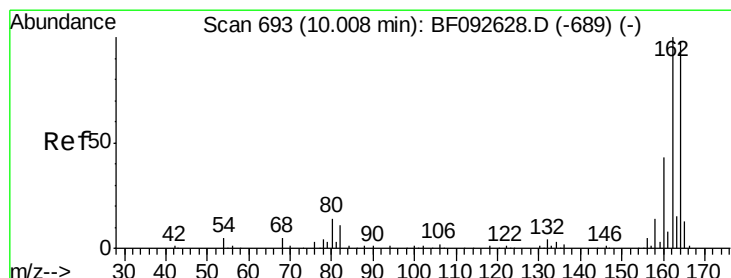
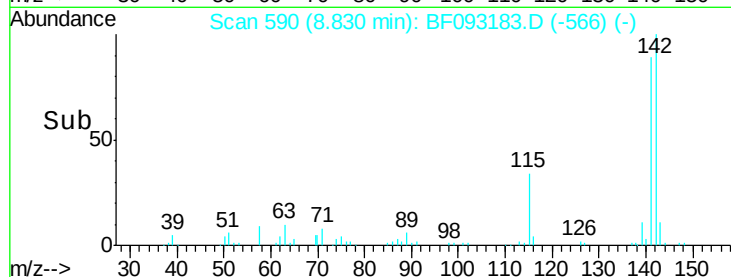
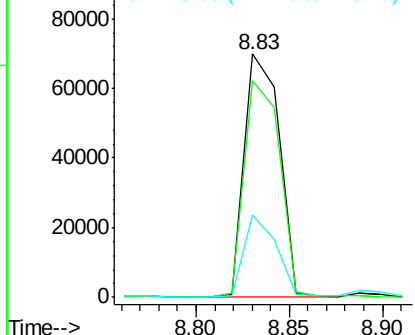
#37
 2-Methylnaphthalene
 Concen: 5.06 ng
 RT: 8.83 min Scan# 590
 Delta R.T. -0.02 min
 Lab File: BF093183.D
 Acq: 25 Feb 2017 10:44

Instrument :
 BNA_F
 ClientSampleId :
 E2B21-WESTSW-1

Tgt Ion:142 Resp: 91299
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.0 106.6
 115 33.8 28.3 42.5

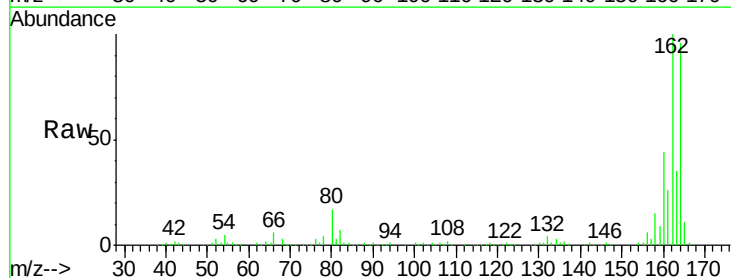


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

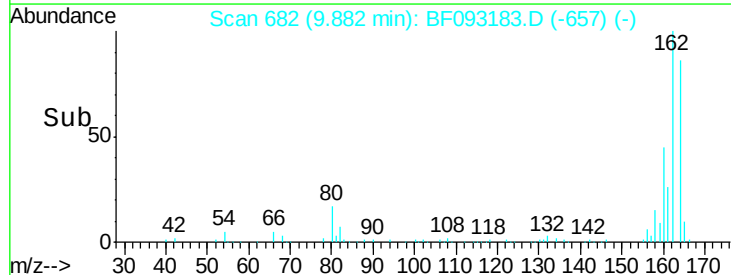
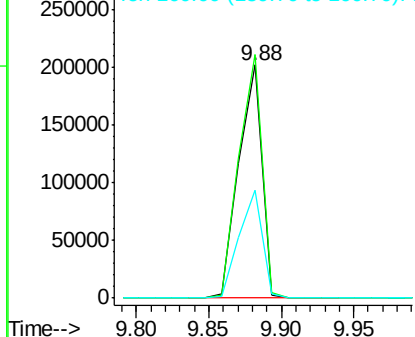


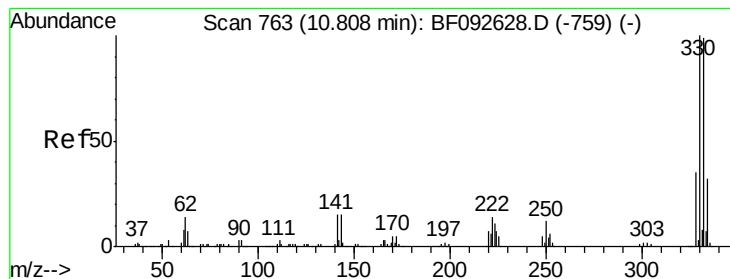
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF093183.D
 Acq: 25 Feb 2017 10:44

Tgt Ion:164 Resp: 223989
 Ion Ratio Lower Upper
 164 100
 162 104.6 80.2 120.2
 160 46.5 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

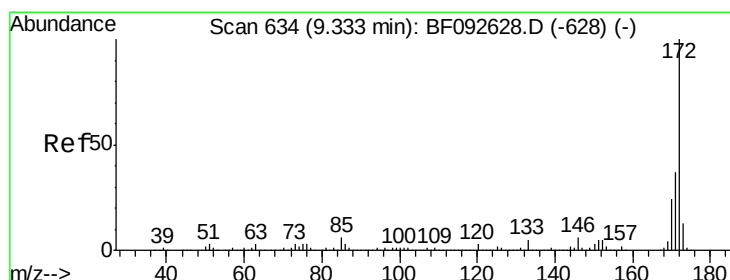
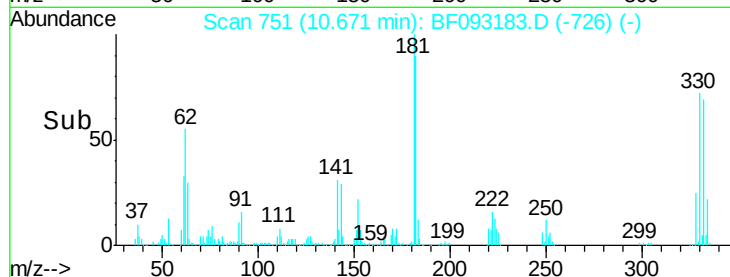
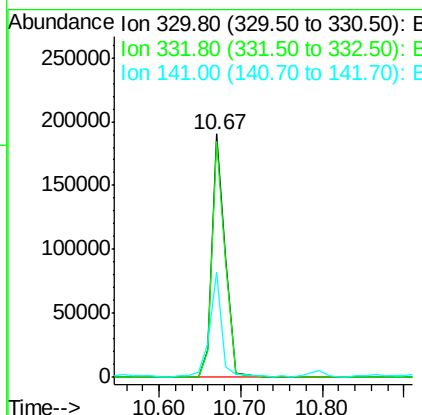
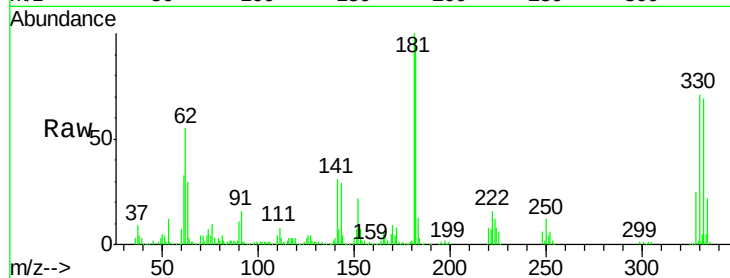




#41
 2,4,6-Tribromophenol
 Concen: 133.83 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093183.D
 Acq: 25 Feb 2017 10:44

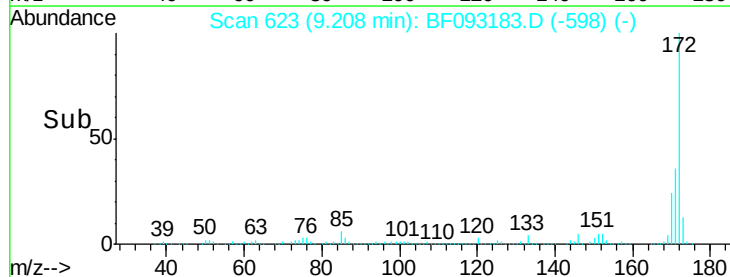
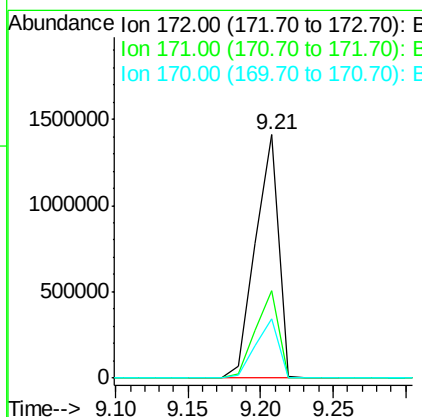
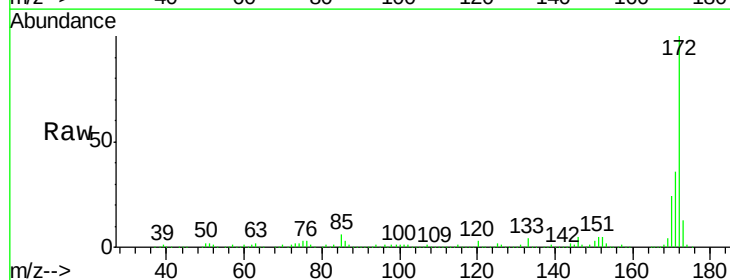
Instrument :
 BNA_F
 ClientSampleId :
 E2B21-WESTSW-1

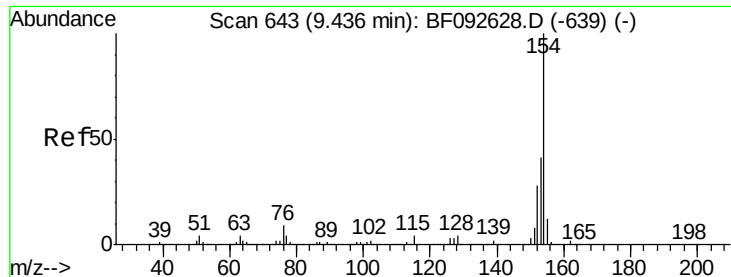
Tgt Ion:330 Resp: 216814
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 39.7 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 126.15 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093183.D
 Acq: 25 Feb 2017 10:44

Tgt Ion:172 Resp: 1559726
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.2 20.2 30.4

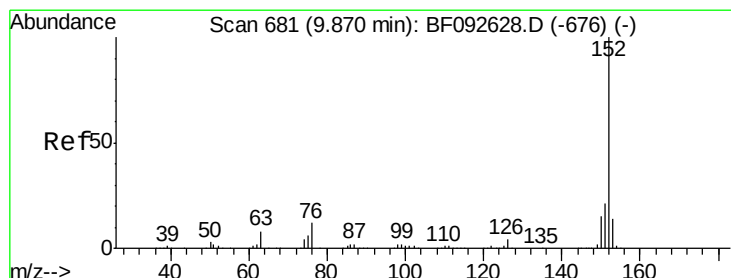
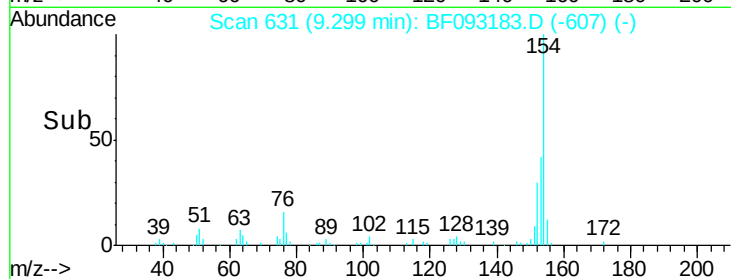
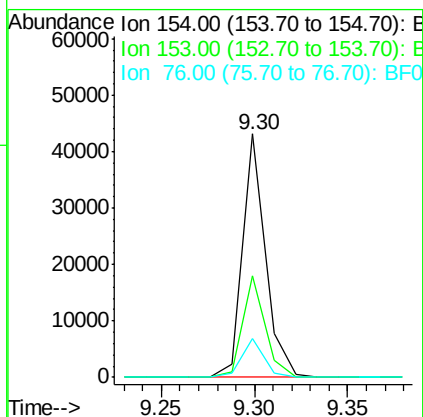
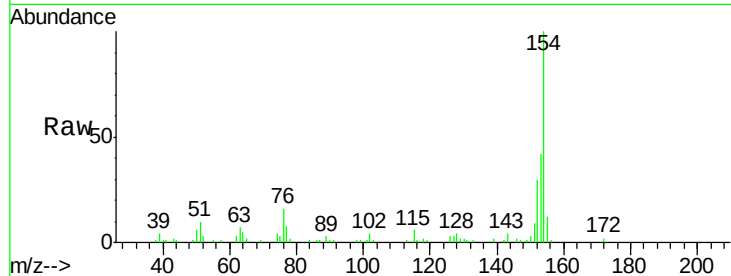




#45
 1,1'-Biphenyl
 Concen: 2.27 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF093183.D
 Acq: 25 Feb 2017 10:44

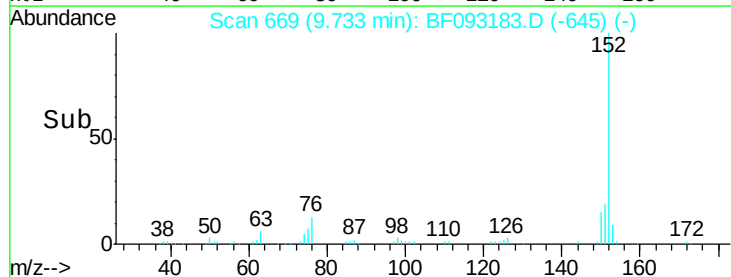
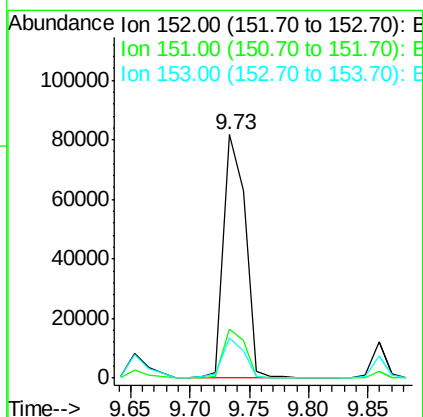
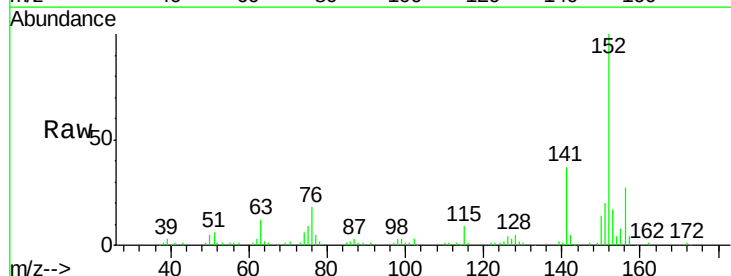
Instrument :
 BNA_F
 ClientSampleId :
 E2B21-WESTSW-1

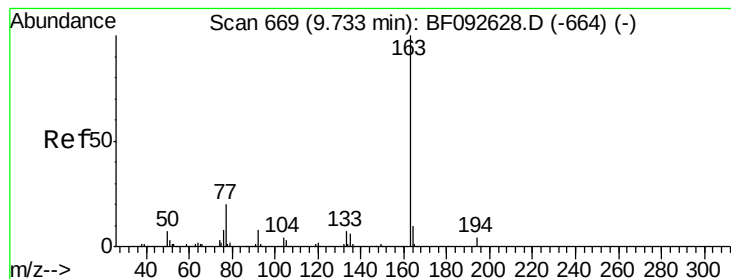
Tgt Ion:	154	Resp:	36815
Ion Ratio	Lower	Upper	
154	100		
153	41.6	20.9	60.9
76	15.7	0.0	30.5



#48
 Acenaphthylene
 Concen: 4.74 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.02 min
 Lab File: BF093183.D
 Acq: 25 Feb 2017 10:44

Tgt Ion:	152	Resp:	103871
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.9	25.3
153	16.7	11.4	17.2





#49

Dimethylphthalate

Concen: 13.07 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.02 min

Lab File: BF093183.D

Acq: 25 Feb 2017 10:44

Instrument :

BNA_F

ClientSampleId :

E2B21-WESTSW-1

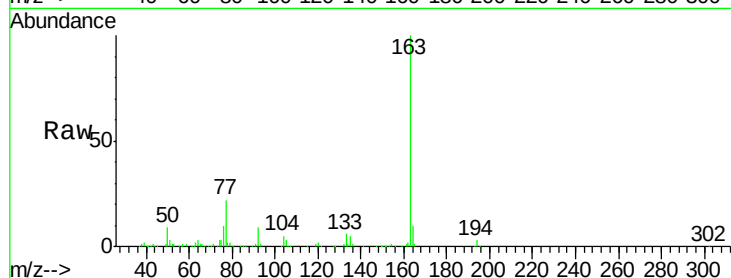
Tgt Ion:163 Resp: 197145

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

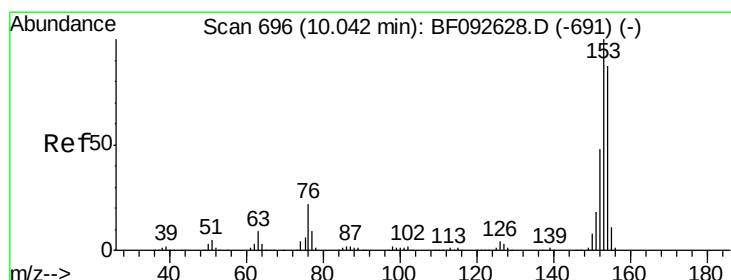
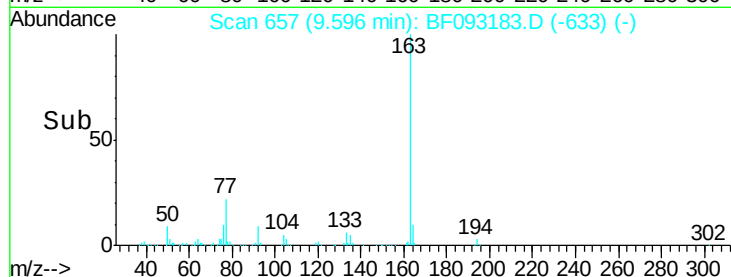
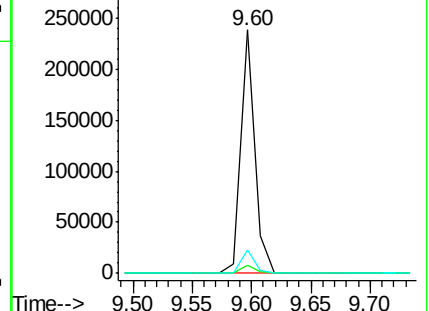
164 9.8 8.0 12.0



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



#51

Acenaphthene

Concen: 17.90 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF093183.D

Acq: 25 Feb 2017 10:44

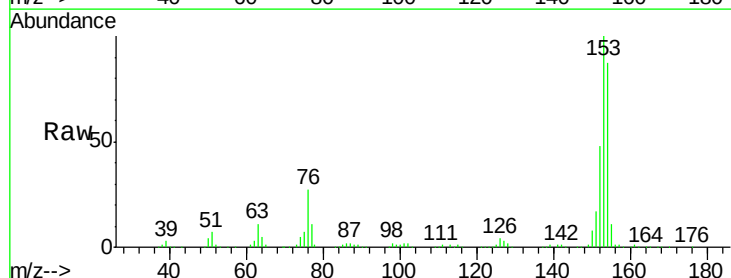
Tgt Ion:154 Resp: 234520

Ion Ratio Lower Upper

154 100

153 114.7 88.6 133.0

152 55.2 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

