

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
 Data File : BF090985.D
 Acq On : 2 Nov 2016 17:45
 Operator : UM/SJ
 Sample : H5509-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-91-24.5-25.0

Quant Time: Nov 02 23:11:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

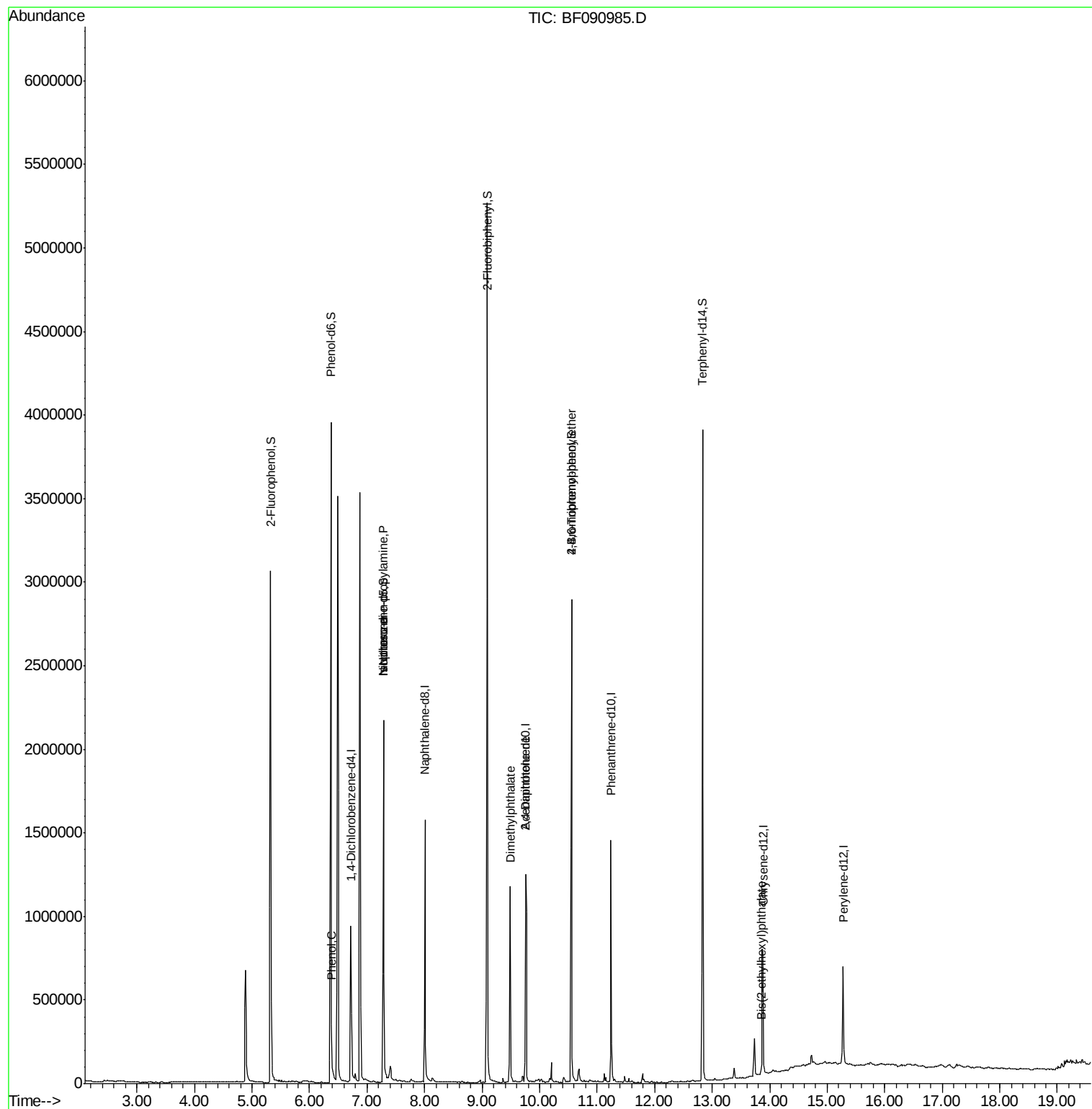
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	166577	20.00	ng	-0.03
21) Naphthalene-d8	8.01	136	748133	20.00	ng	-0.03
38) Acenaphthene-d10	9.76	164	381028	20.00	ng	-0.03
63) Phenanthrene-d10	11.24	188	577934	20.00	ng	-0.02
75) Chrysene-d12	13.88	240	434860	20.00	ng	-0.02
86) Perylene-d12	15.28	264	343246	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1061886	111.46	ng	-0.01
7) Phenol-d6	6.37	99	1648844	128.28	ng	-0.02
23) Nitrobenzene-d5	7.29	82	963474	84.31	ng	-0.03
41) 2,4,6-Tribromophenol	10.56	330	520426	132.91	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	2029948	93.55	ng	-0.02
78) Terphenyl-d14	12.83	244	1655354	95.90	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.38	94	32545	2.30	ng	72
19) n-Nitroso-di-n-propylamine	7.29	70	126481	17.02	ng	# 53
25) Isophorone	7.29	82	772880	33.32	ng	# 58
49) Dimethylphthalate	9.49	163	734746	28.86	ng	# 97
56) 2,4-Dinitrotoluene	9.76	165	48572	6.95	ng	# 34
66) 4-Bromophenyl-phenylether	10.56	248	32464	5.13	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.86	149	33860	2.08	ng	# 97

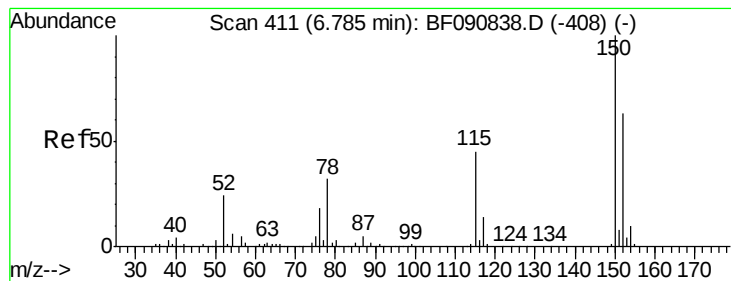
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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SB-91-24.5-25.0

Quant Time: Nov 02 23:11:18 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.03 min

Lab File: BF090985.D

Acq: 2 Nov 2016 17:45

Instrument :

BNA_F

ClientSampleId :

SB-91-24.5-25.0

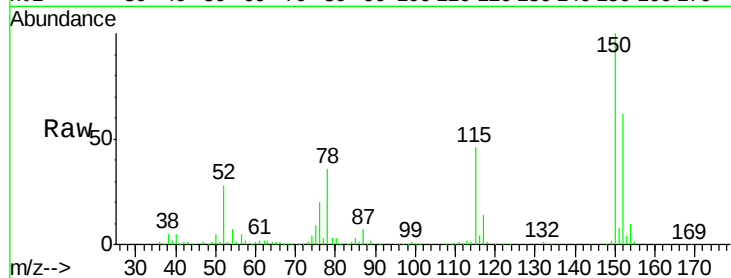
Tgt Ion:152 Resp: 166577

Ion Ratio Lower Upper

152 100

150 161.5 124.7 187.1

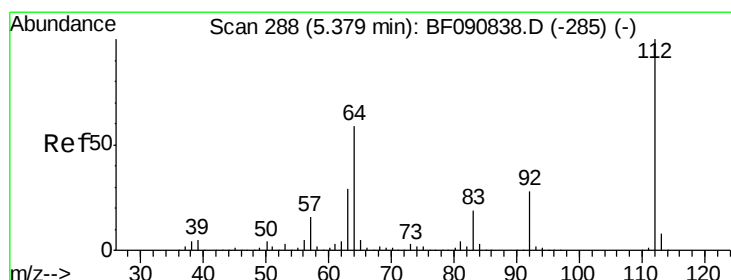
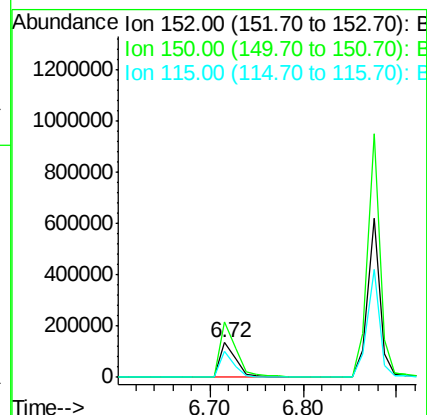
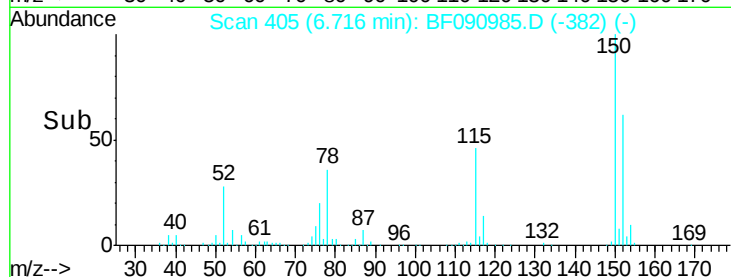
115 74.0 39.0 58.4#



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: 111.46 ng

RT: 5.32 min Scan# 283

Delta R.T. -0.01 min

Lab File: BF090985.D

Acq: 2 Nov 2016 17:45

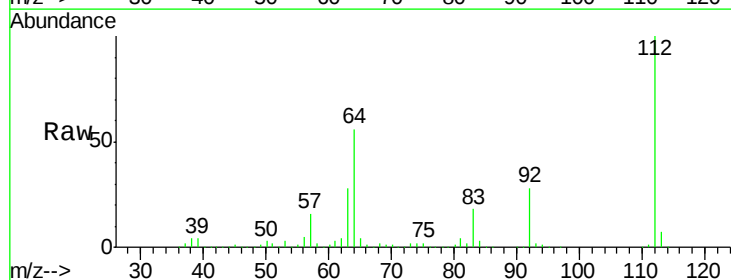
Tgt Ion:112 Resp: 1061886

Ion Ratio Lower Upper

112 100

64 55.8 39.7 59.5

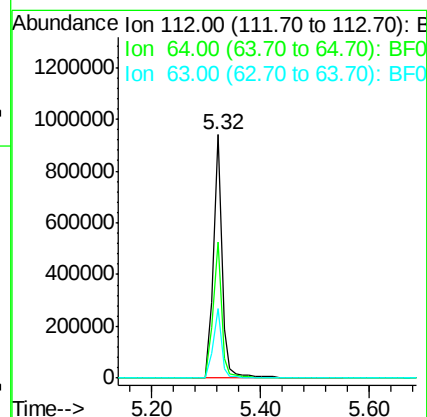
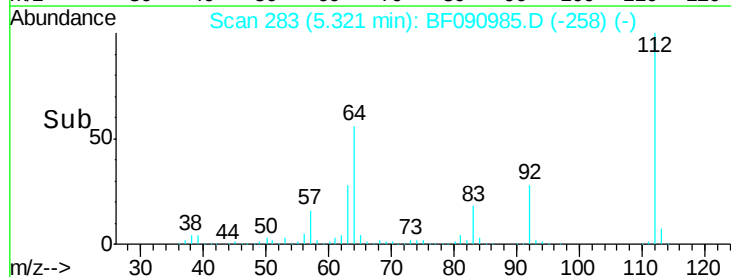
63 28.3 17.4 26.0#



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: 128.28 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF090985.D

Acq: 2 Nov 2016 17:45

Instrument :

BNA_F

ClientSampleId :

SB-91-24.5-25.0

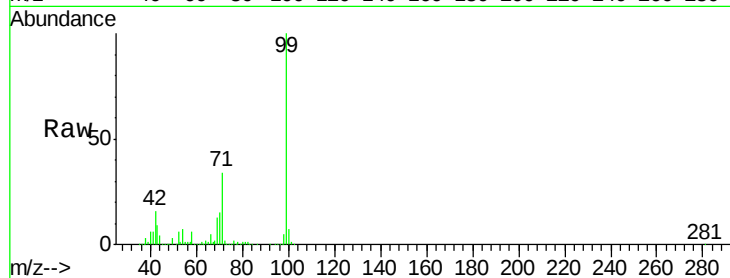
Tgt Ion: 99 Resp: 1648844

Ion Ratio Lower Upper

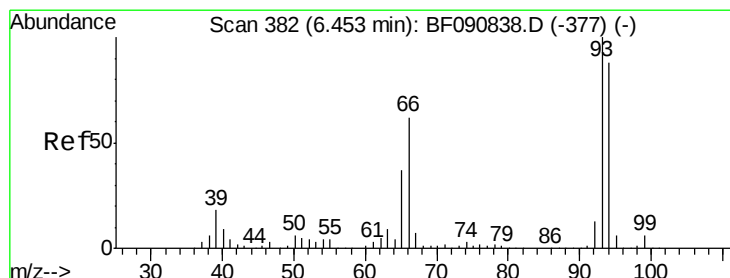
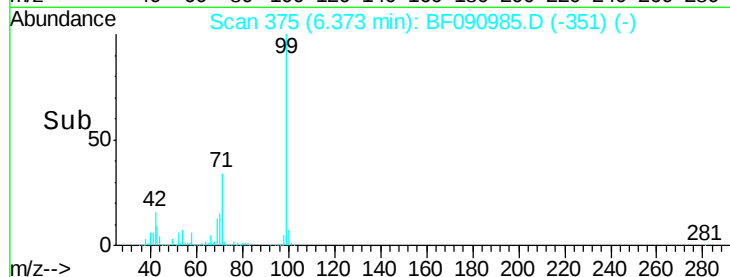
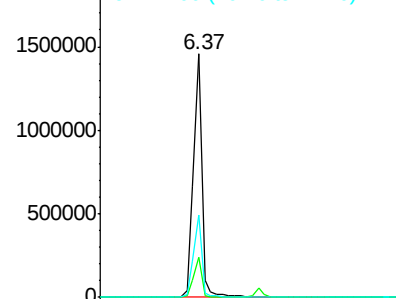
99 100

42 16.5 13.7 20.5

71 33.6 14.2 21.2#



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: 2.30 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF090985.D

Acq: 2 Nov 2016 17:45

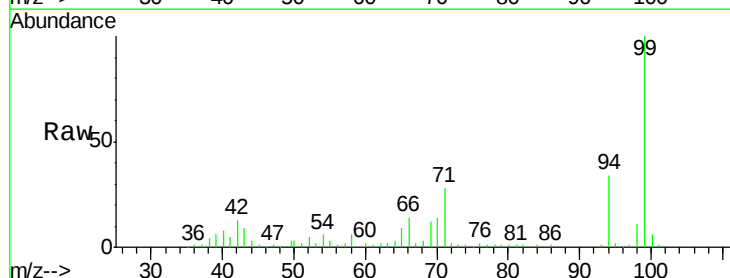
Tgt Ion: 94 Resp: 32545

Ion Ratio Lower Upper

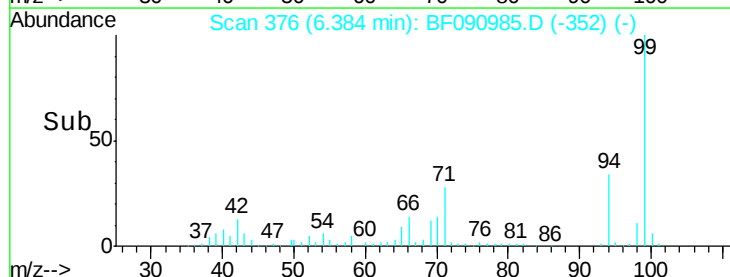
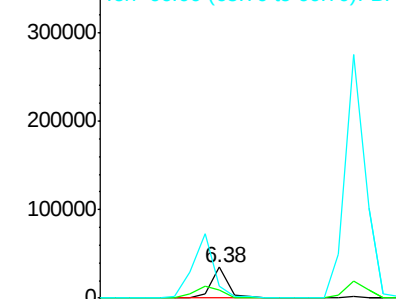
94 100

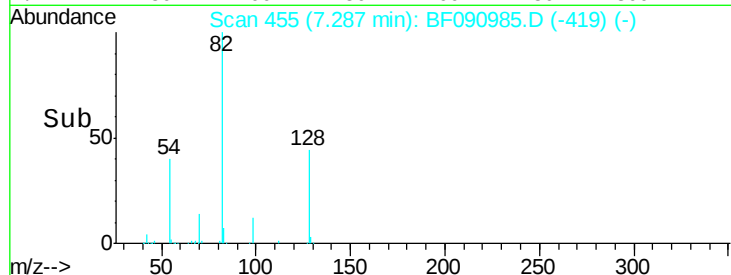
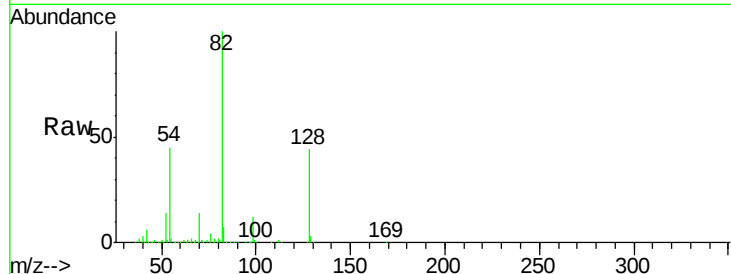
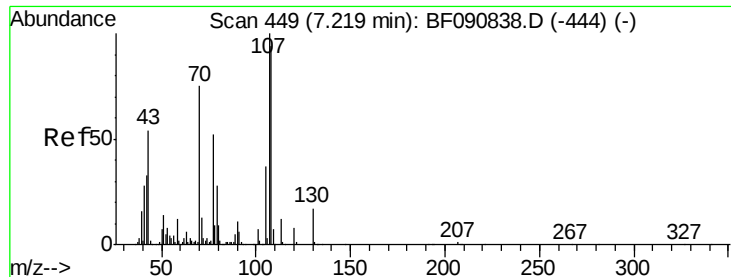
65 26.6 0.7 40.7

66 40.6 0.8 40.8



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

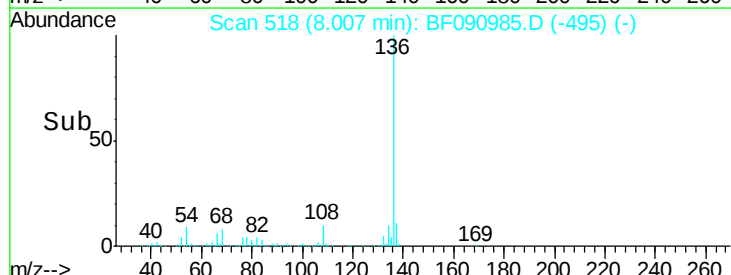
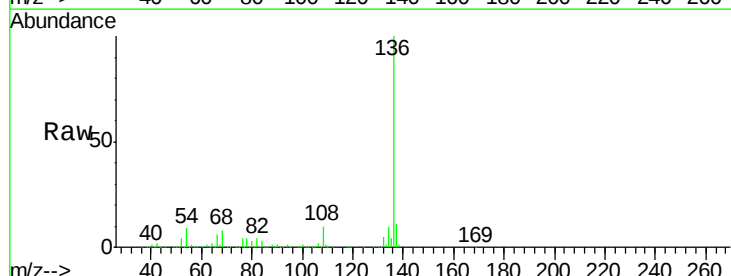
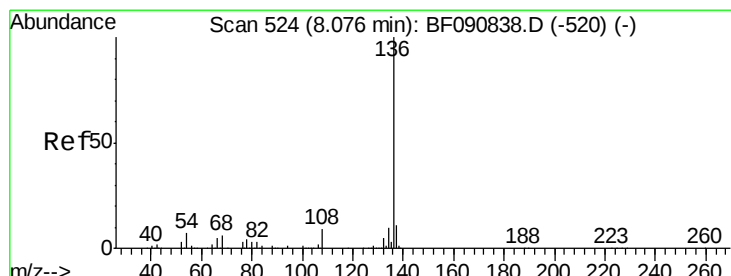
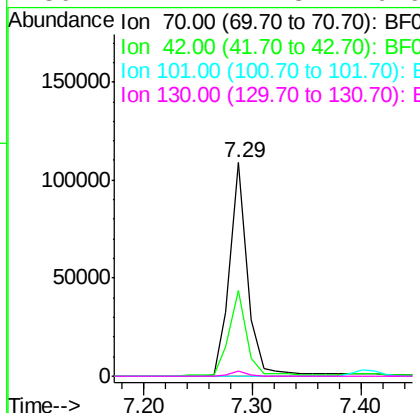




#19
n-Nitroso-di-n-propylamine
Concen: 17.02 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.11 min
Lab File: BF090985.D
Acq: 2 Nov 2016 17:45

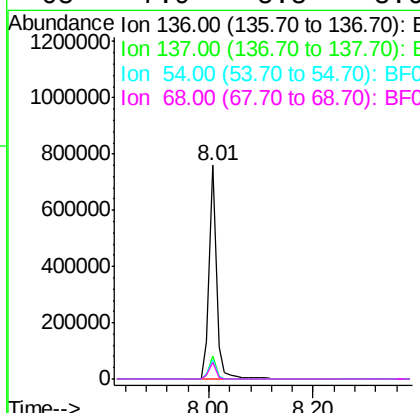
Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0

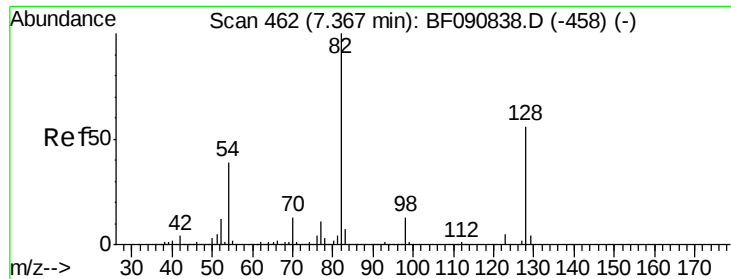
Tgt Ion: 70 Resp: 126481
Ion Ratio Lower Upper
70 100
42 40.1 63.8 95.6#
101 0.0 9.2 13.8#
130 2.1 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.03 min
Lab File: BF090985.D
Acq: 2 Nov 2016 17:45

Tgt Ion: 136 Resp: 748133
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 9.0 8.2 12.2
68 7.9 5.8 8.6

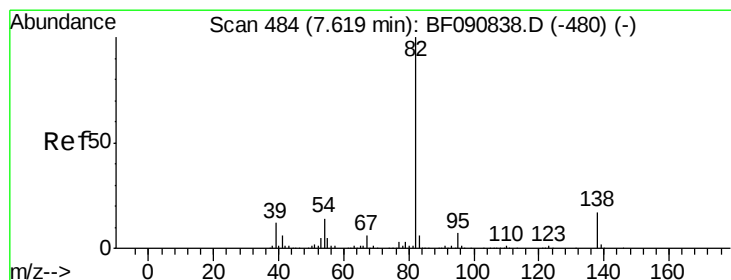
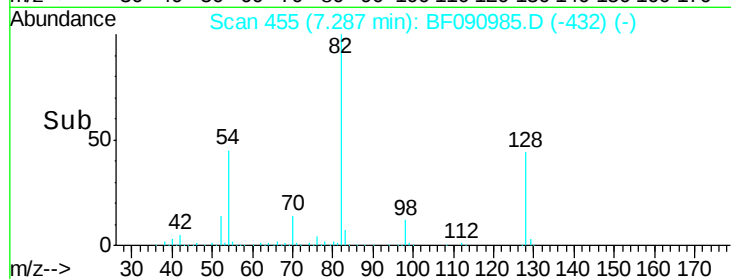
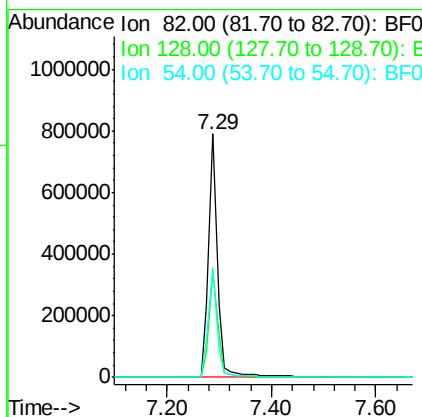
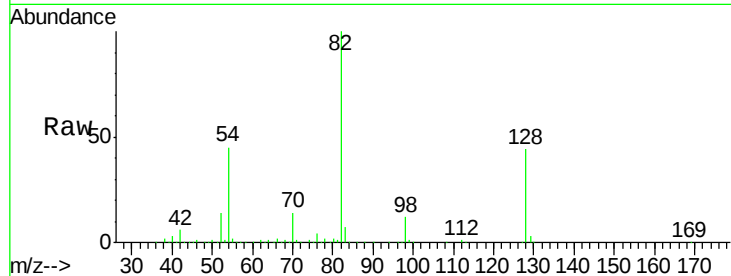




#23
 Nitrobenzene-d5
 Concen: 84.31 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.03 min
 Lab File: BF090985.D
 Acq: 2 Nov 2016 17:45

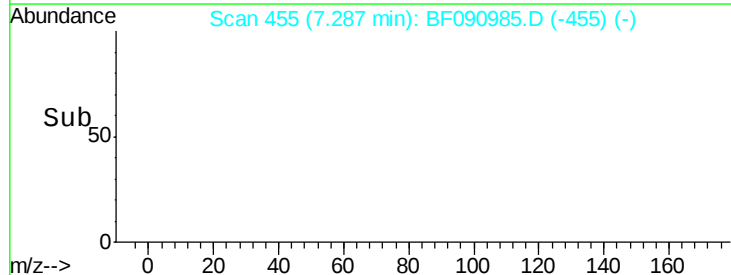
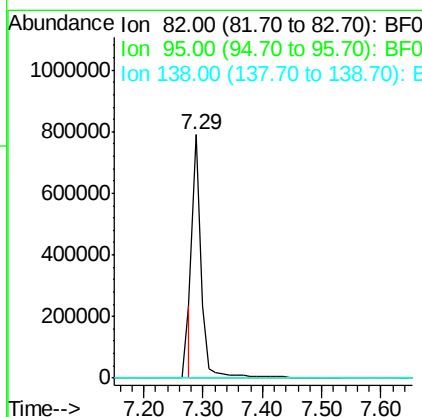
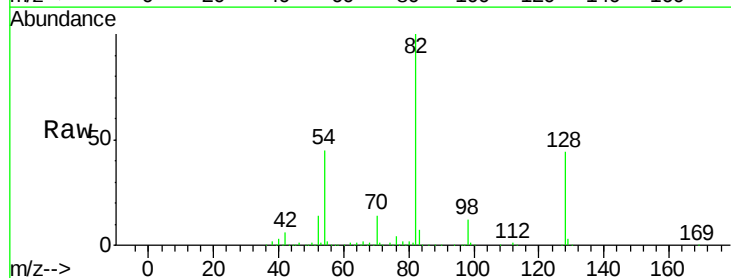
Instrument :
 BNA_F
 ClientSampleId :
 SB-91-24.5-25.0

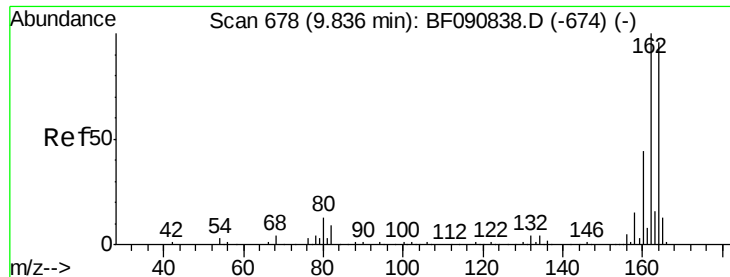
Tgt Ion: 82 Resp: 963474
 Ion Ratio Lower Upper
 82 100
 128 43.7 51.0 76.6#
 54 44.6 47.5 71.3#



#25
 Isophorone
 Concen: 33.32 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.30 min
 Lab File: BF090985.D
 Acq: 2 Nov 2016 17:45

Tgt Ion: 82 Resp: 772880
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#

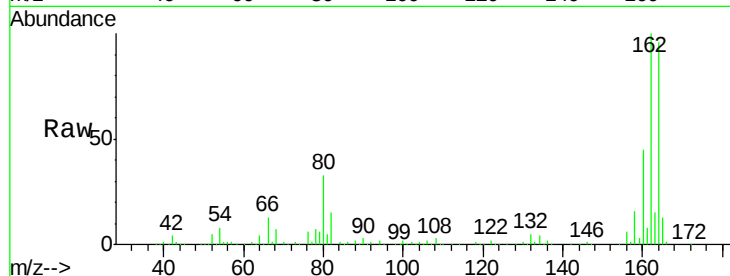




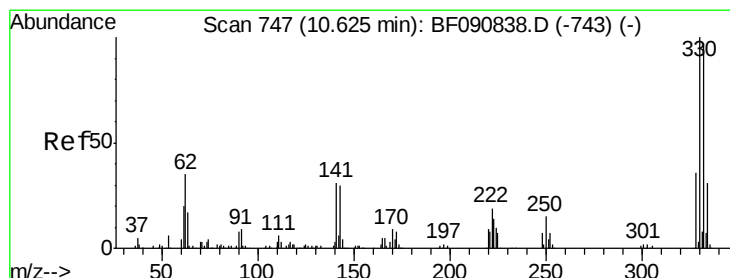
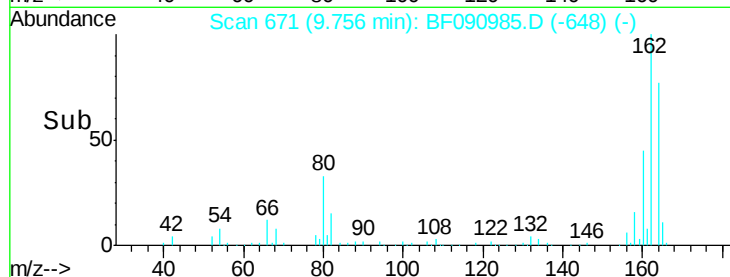
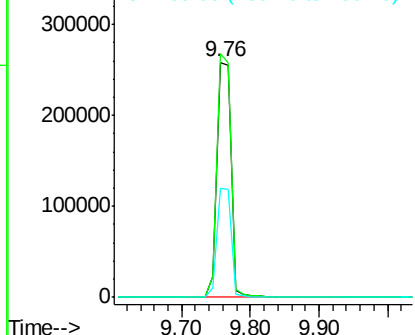
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.03 min
 Lab File: BF090985.D
 Acq: 2 Nov 2016 17:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-91-24.5-25.0

Tgt Ion:164 Resp: 381028
 Ion Ratio Lower Upper
 164 100
 162 103.7 75.2 112.8
 160 46.8 31.5 47.3

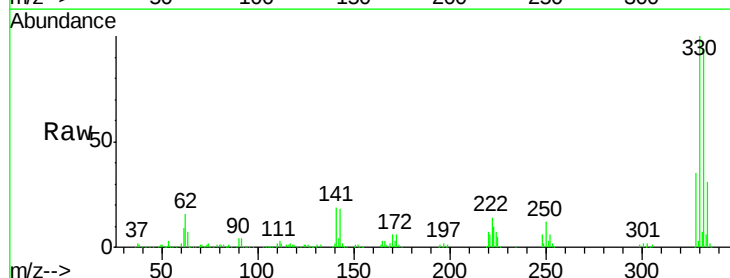


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

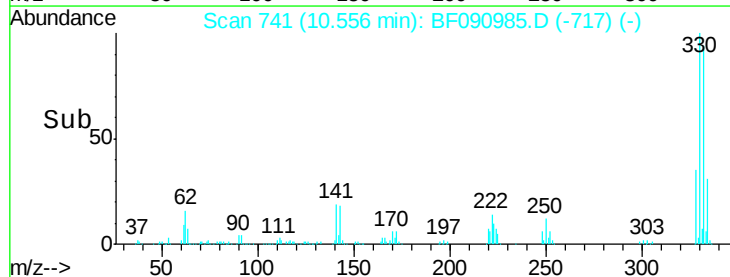
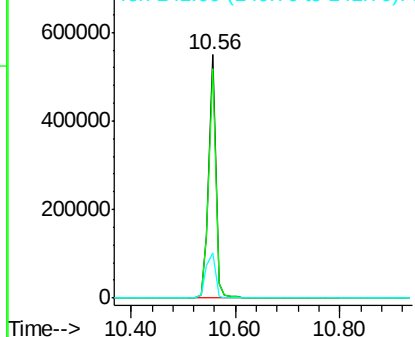


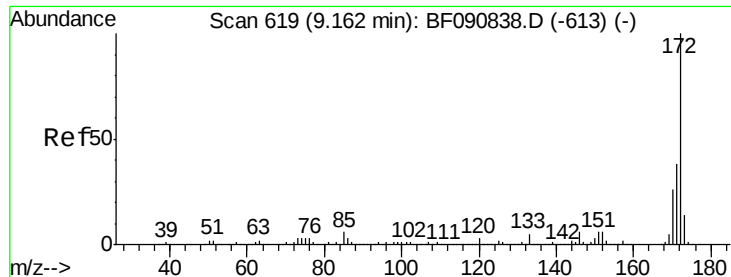
#41
 2,4,6-Tribromophenol
 Concen: 132.91 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.02 min
 Lab File: BF090985.D
 Acq: 2 Nov 2016 17:45

Tgt Ion:330 Resp: 520426
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 25.6 29.7 44.5#



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

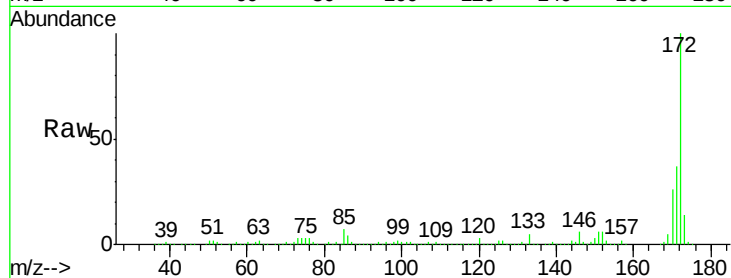




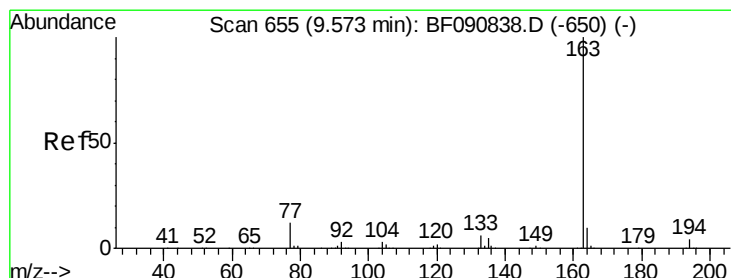
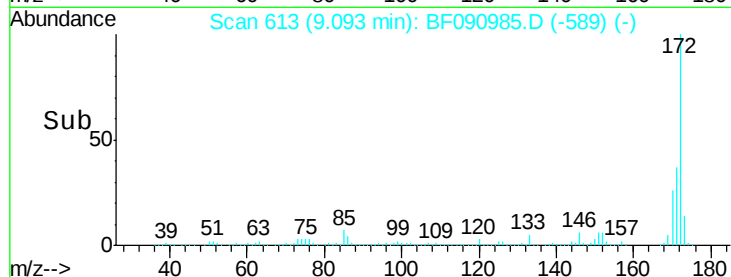
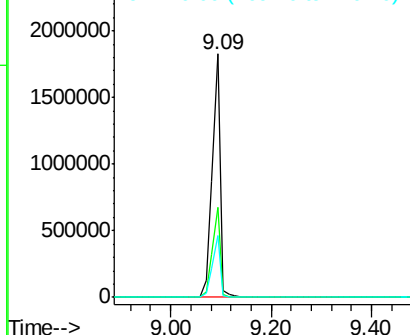
#44
2-Fluorobiphenyl
Concen: 93.55 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.02 min
Lab File: BF090985.D
Acq: 2 Nov 2016 17:45

Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0

Tgt Ion:172 Resp: 2029948
Ion Ratio Lower Upper
172 100
171 37.2 26.1 39.1
170 25.5 17.4 26.2

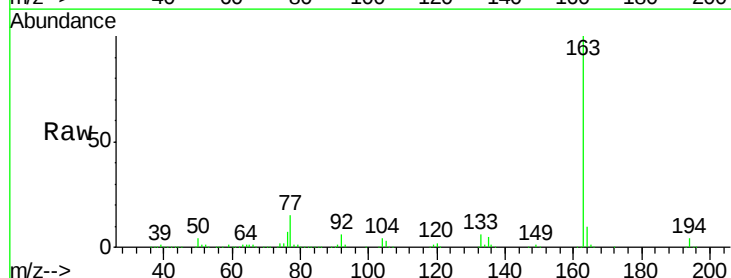


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

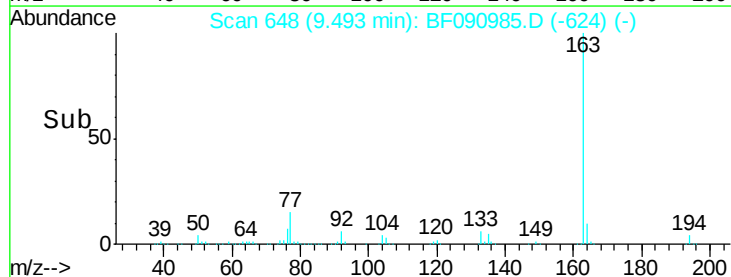
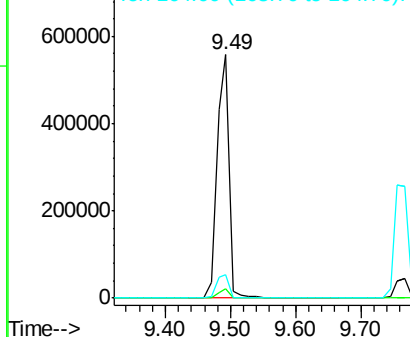


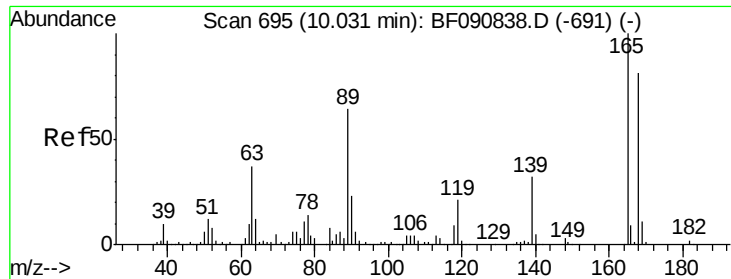
#49
Dimethylphthalate
Concen: 28.86 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.02 min
Lab File: BF090985.D
Acq: 2 Nov 2016 17:45

Tgt Ion:163 Resp: 734746
Ion Ratio Lower Upper
163 100
194 3.9 4.4 6.6#
164 9.6 8.3 12.5



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

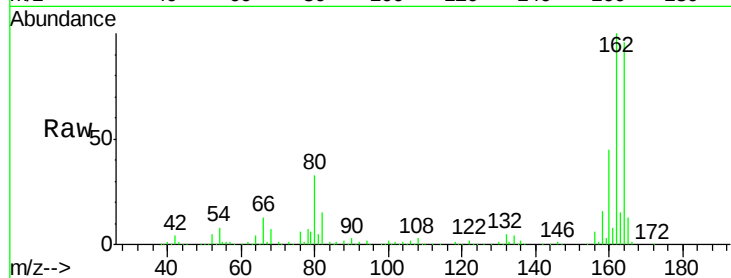




#56
 2,4-Dinitrotoluene
 Concen: 6.95 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.23 min
 Lab File: BF090985.D
 Acq: 2 Nov 2016 17:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-91-24.5-25.0

Tgt Ion:	165	Resp:	48572
Ion	Ratio	Lower	Upper
165	100		
63	1.3	29.8	44.6#
89	1.5	44.5	66.7#
182	0.0	3.0	4.4#

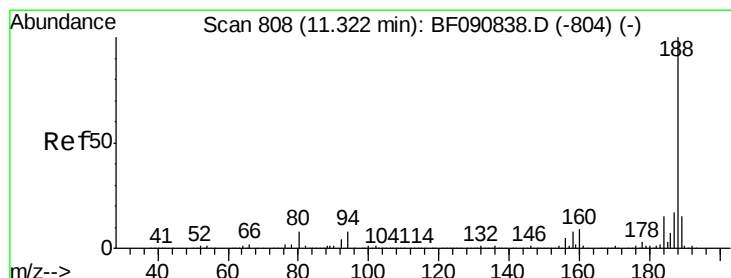
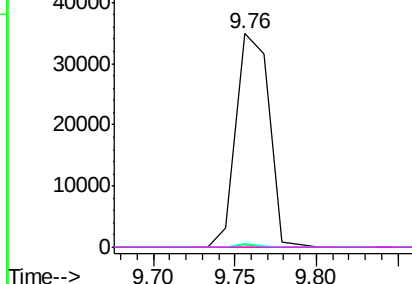
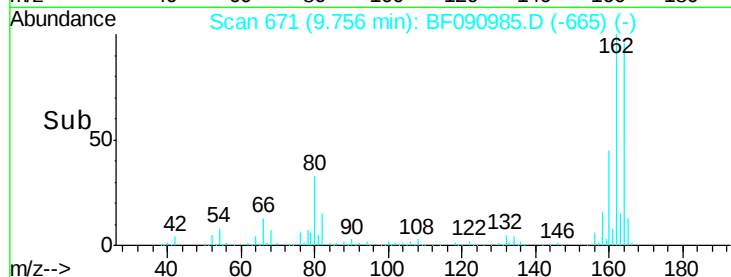


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

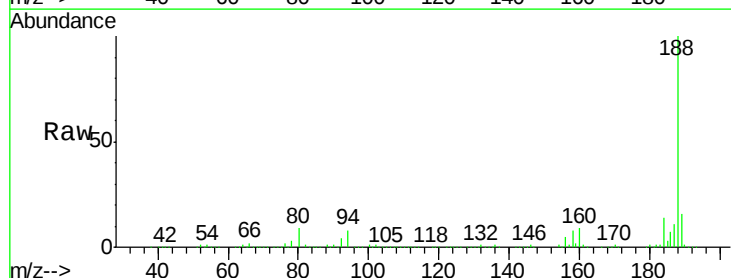
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.02 min
 Lab File: BF090985.D
 Acq: 2 Nov 2016 17:45

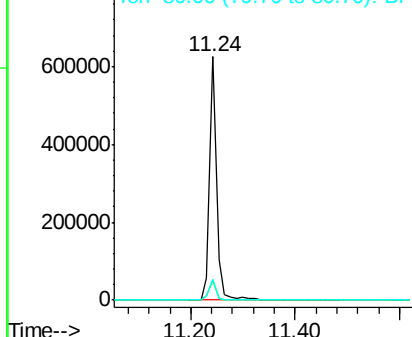
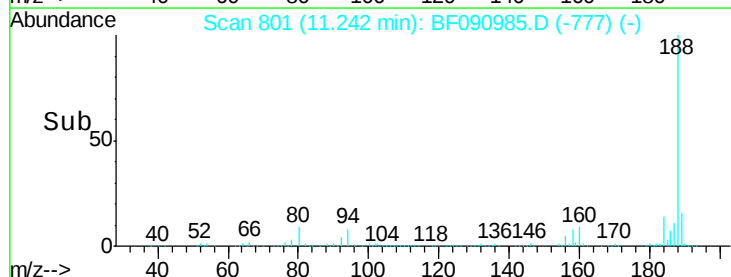
Tgt Ion:	188	Resp:	577934
Ion	Ratio	Lower	Upper
188	100		
94	8.0	11.1	16.7#
80	8.6	11.0	16.4#

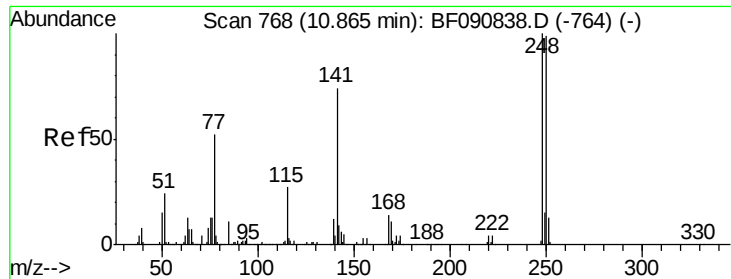


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

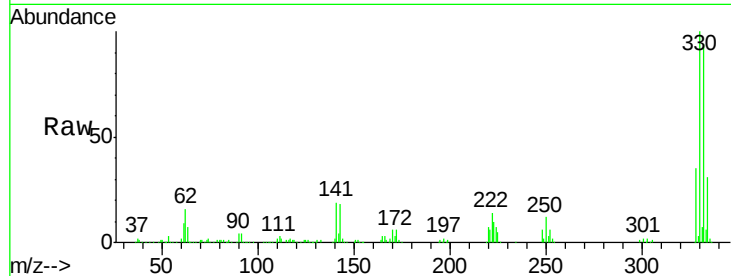




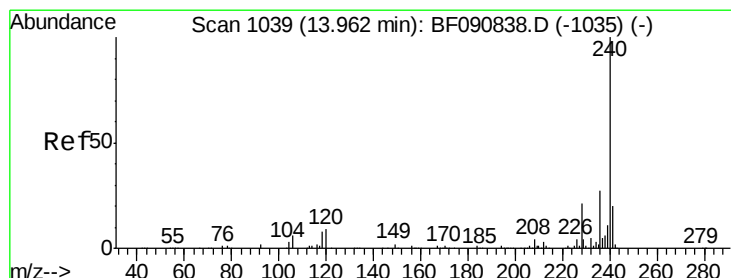
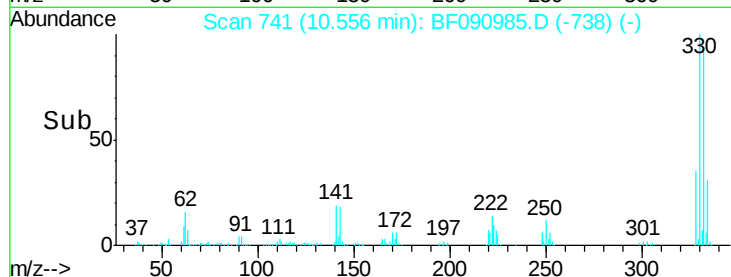
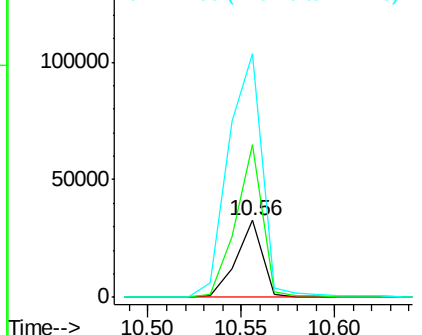
#66
4-Bromophenyl-phenylether
Concen: 5.13 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.26 min
Lab File: BF090985.D
Acq: 2 Nov 2016 17:45

Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0

Tgt Ion:248 Resp: 32464
Ion Ratio Lower Upper
248 100
250 199.3 78.5 117.7#
141 317.0 59.0 88.6#

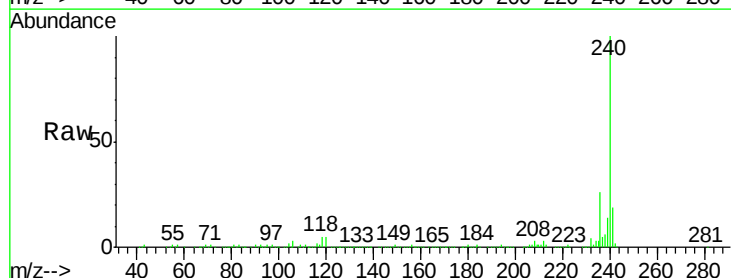


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

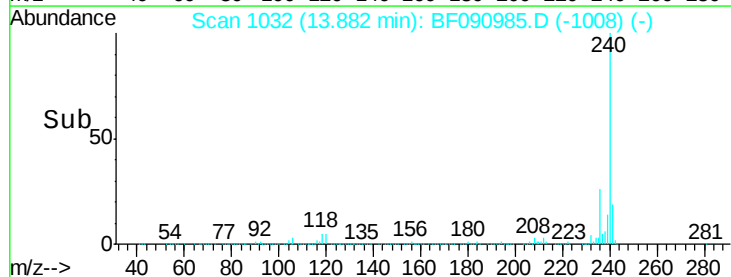
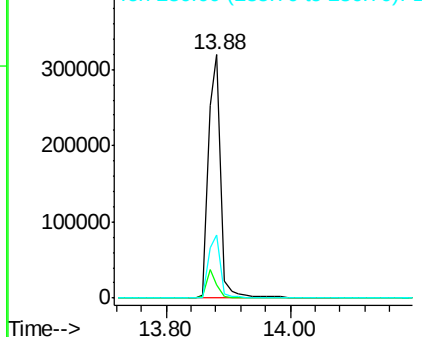


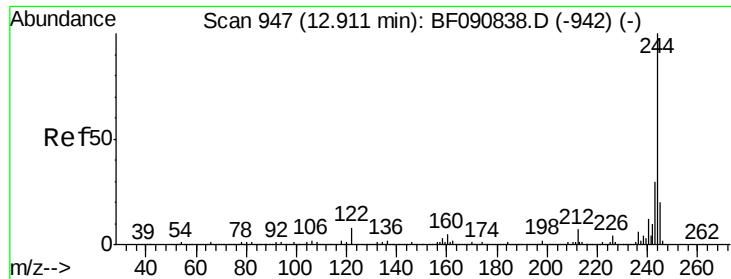
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF090985.D
Acq: 2 Nov 2016 17:45

Tgt Ion:240 Resp: 434860
Ion Ratio Lower Upper
240 100
120 5.5 16.2 24.2#
236 25.7 18.4 27.6



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: 95.90 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF090985.D

Acq: 2 Nov 2016 17:45

Instrument :

BNA_F

ClientSampleId :

SB-91-24.5-25.0

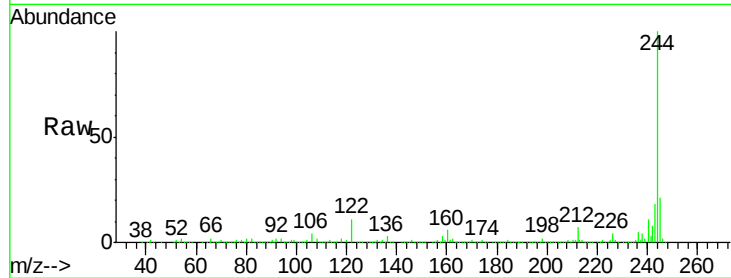
Tgt Ion:244 Resp: 1655354

Ion Ratio Lower Upper

244 100

212 6.7 4.3 6.5#

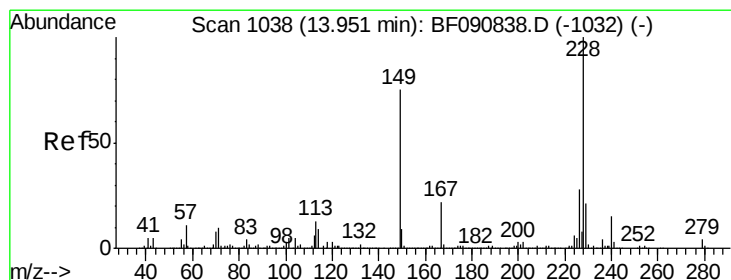
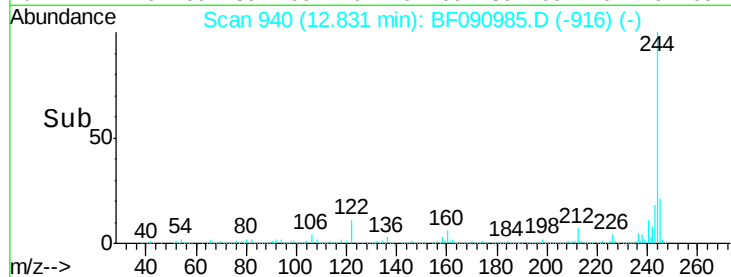
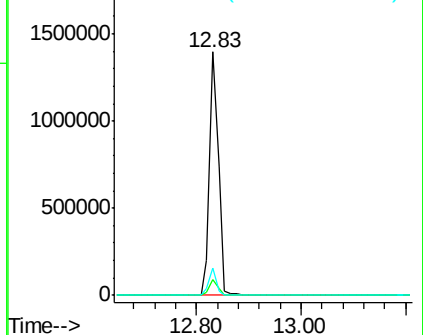
122 11.3 17.4 26.2#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.08 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.03 min

Lab File: BF090985.D

Acq: 2 Nov 2016 17:45

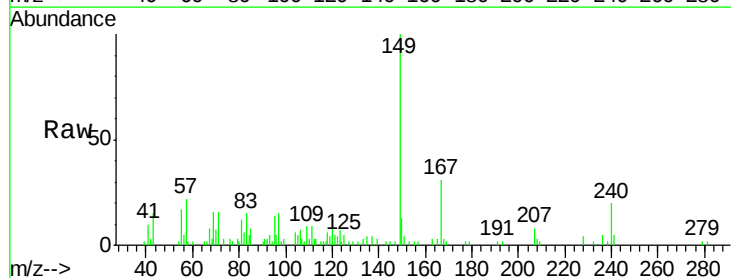
Tgt Ion:149 Resp: 33860

Ion Ratio Lower Upper

149 100

167 31.2 24.2 36.2

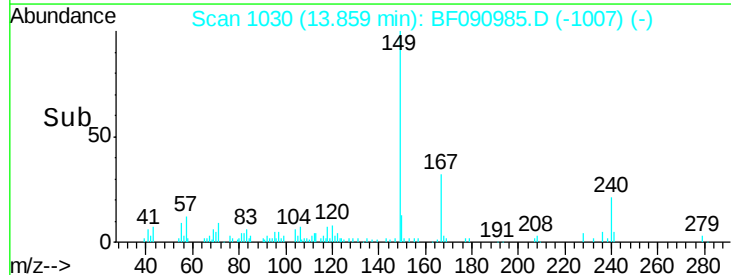
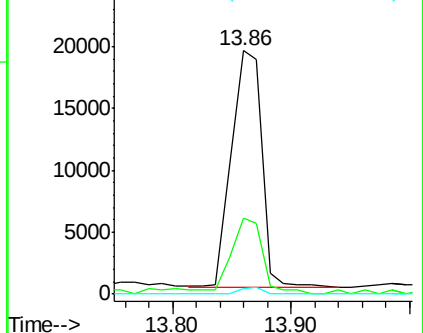
279 2.5 3.8 5.6#

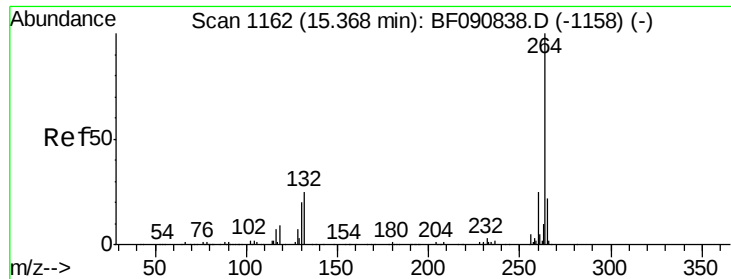


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

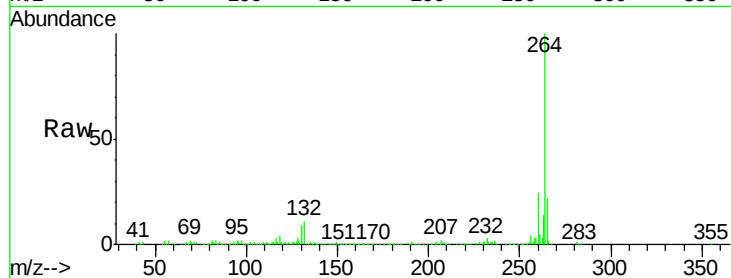




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF090985.D
Acq: 2 Nov 2016 17:45

Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0

Tgt Ion: 264 Resp: 343246
Ion Ratio Lower Upper
264 100
260 24.1 16.7 25.1
265 21.7 17.2 25.8



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

