

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110116\
 Data File : BF090959.D
 Acq On : 1 Nov 2016 19:05
 Operator : UM/SJ
 Sample : H5445-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-2-3

Quant Time: Nov 01 23:54:58 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

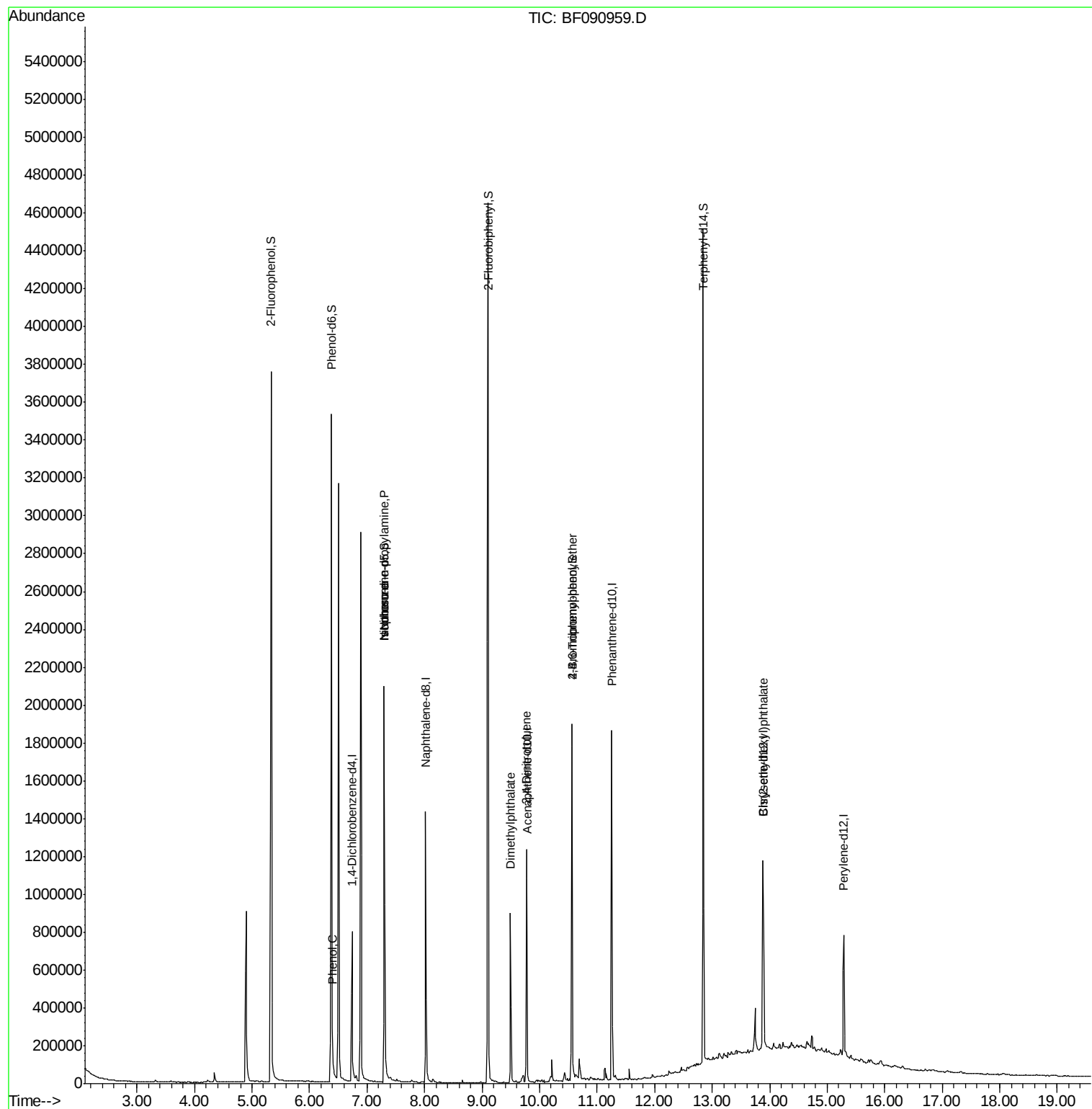
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	157943	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	704053	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	376220	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	616492	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	409080	20.00	ng	-0.02
86) Perylene-d12	15.29	264	298418	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1105408	122.37	ng	0.00
7) Phenol-d6	6.38	99	1606126	131.79	ng	-0.01
23) Nitrobenzene-d5	7.30	82	934504	86.89	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	360267	93.18	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1696482	79.18	ng	-0.01
78) Terphenyl-d14	12.84	244	1371606	84.47	ng	-0.01
Target Compounds						
10) Phenol	6.40	94	42429	3.16	ng	Qvalue 72
19) n-Nitroso-di-n-propylamine	7.30	70	128768	18.27	ng	# 54
25) Isophorone	7.30	82	828738	37.97	ng	# 58
49) Dimethylphthalate	9.49	163	405978	16.15	ng	# 97
56) 2,4-Dinitrotoluene	9.77	165	49015	7.11	ng	# 33
66) 4-Bromophenyl-phenylether	10.57	248	22541	3.34	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.88	149	35940	2.35	ng	# 97

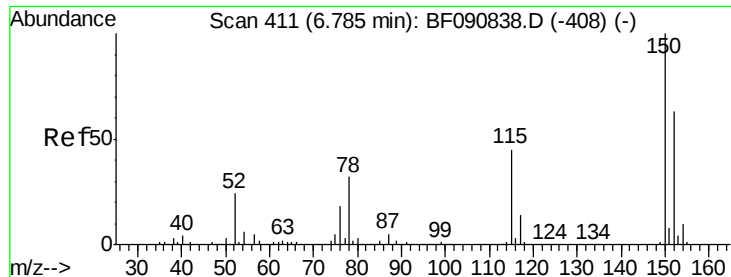
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110116\
Data File : BF090959.D
Acq On : 1 Nov 2016 19:05
Operator : UM/SJ
Sample : H5445-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3-2-3

Quant Time: Nov 01 23:54:58 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: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF090959.D

Acq: 1 Nov 2016 19:05

Instrument :

BNA_F

ClientSampleId :

SB-3-2-3

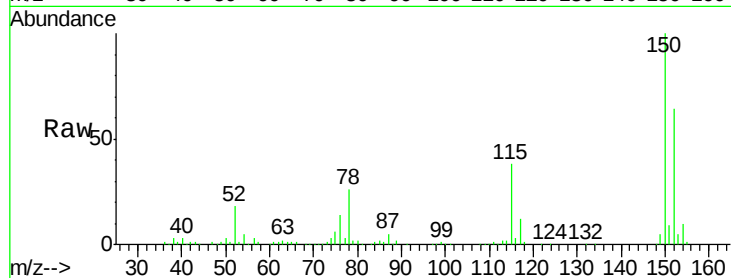
Tgt Ion:152 Resp: 157943

Ion Ratio Lower Upper

152 100

150 155.6 124.7 187.1

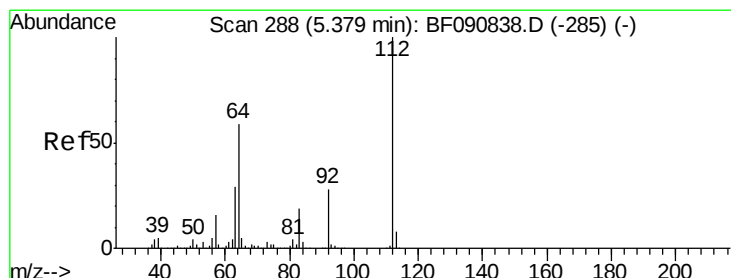
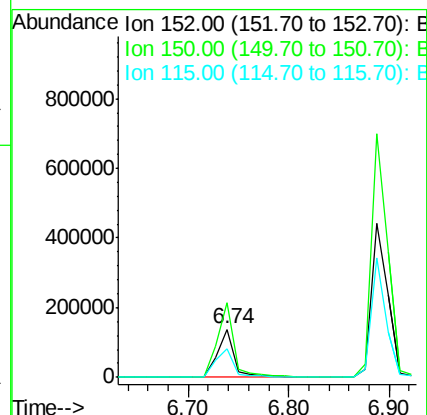
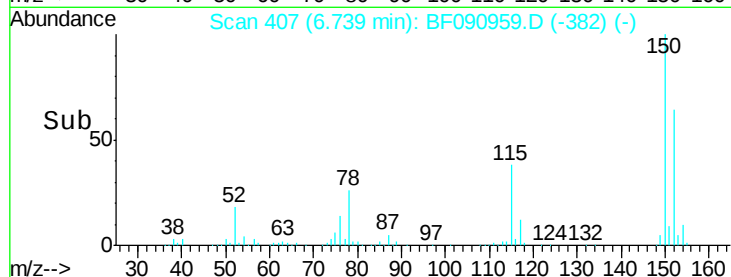
115 59.8 39.0 58.4#



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: 122.37 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.00 min

Lab File: BF090959.D

Acq: 1 Nov 2016 19:05

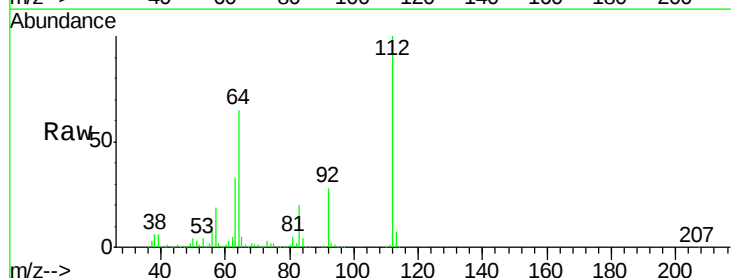
Tgt Ion:112 Resp: 1105408

Ion Ratio Lower Upper

112 100

64 65.3 39.7 59.5#

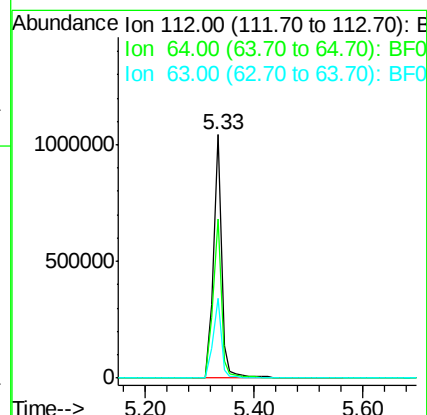
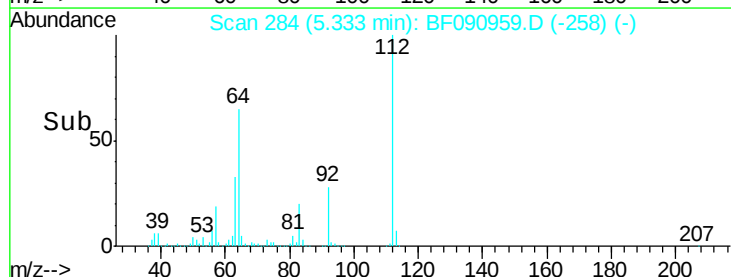
63 32.7 17.4 26.0#

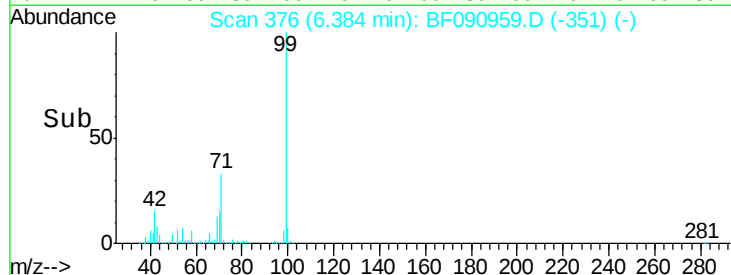
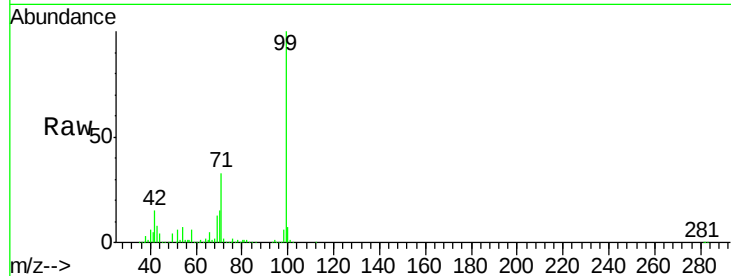
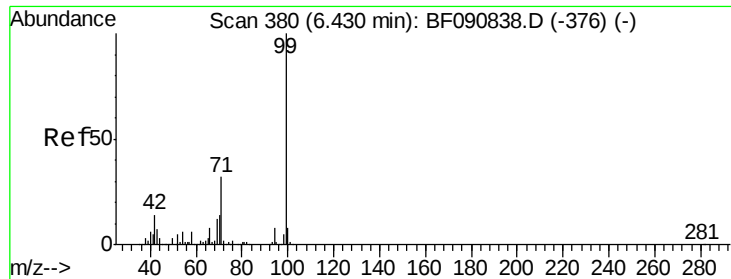


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 131.79 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF090959.D

Acq: 1 Nov 2016 19:05

Instrument :

BNA_F

ClientSampleId :

SB-3-2-3

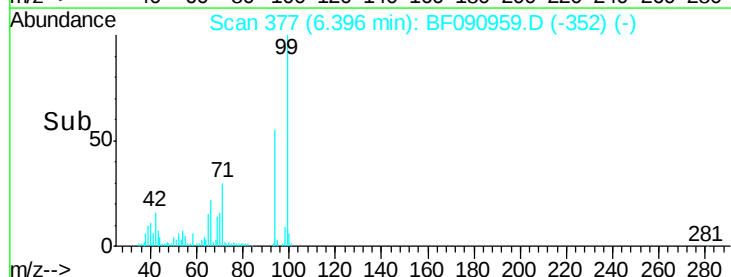
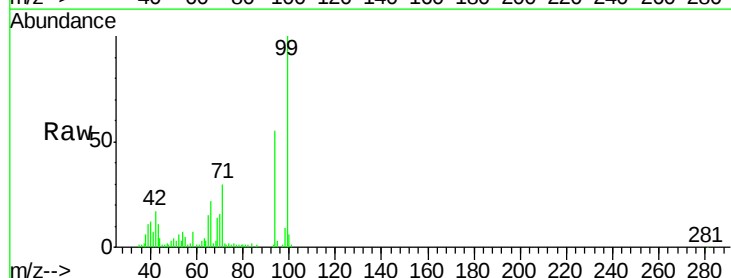
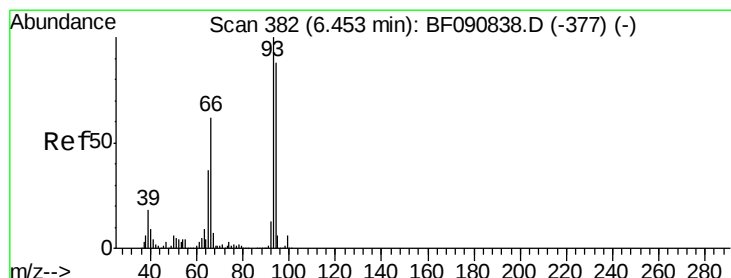
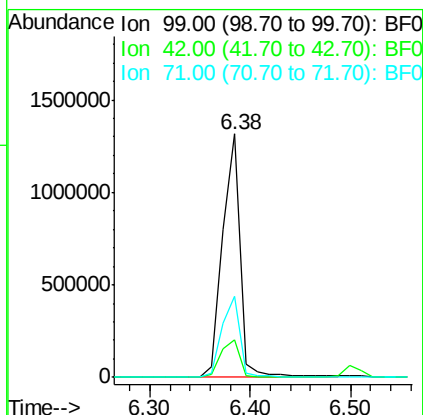
Tgt Ion: 99 Resp: 1606126

Ion Ratio Lower Upper

99 100

42 15.3 13.7 20.5

71 33.1 14.2 21.2#



#10

Phenol

Concen: 3.16 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF090959.D

Acq: 1 Nov 2016 19:05

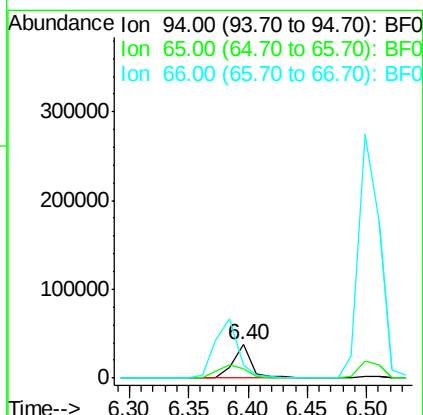
Tgt Ion: 94 Resp: 42429

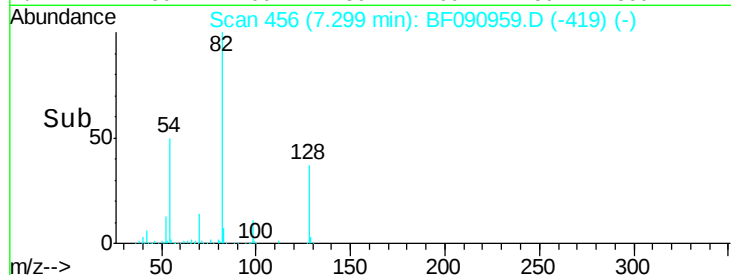
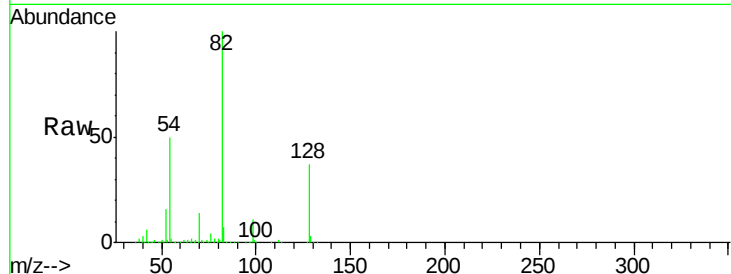
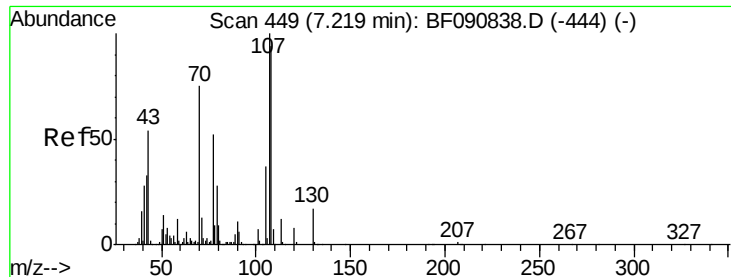
Ion Ratio Lower Upper

94 100

65 27.4 0.7 40.7

66 40.4 0.8 40.8

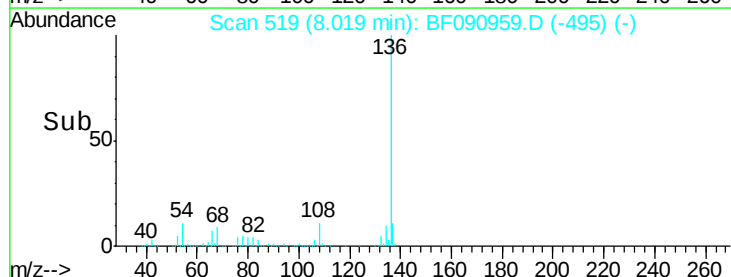
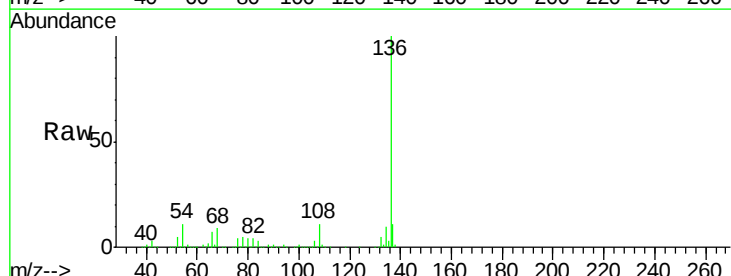
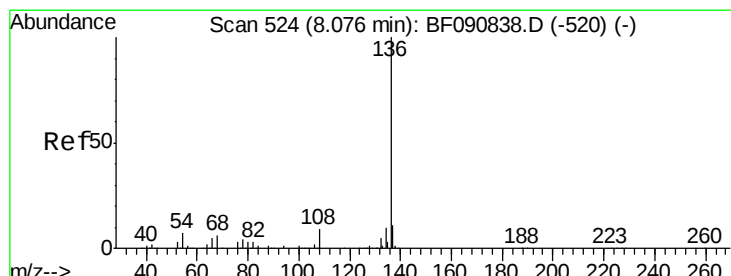
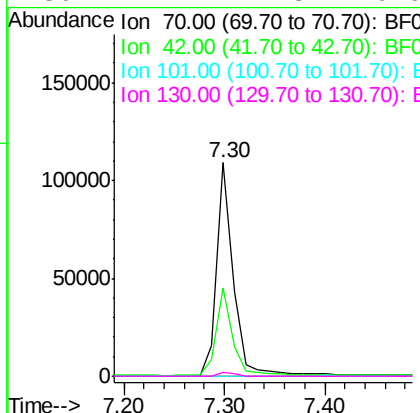




#19
n-Nitroso-di-n-propylamine
Concen: 18.27 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.13 min
Lab File: BF090959.D
Acq: 1 Nov 2016 19:05

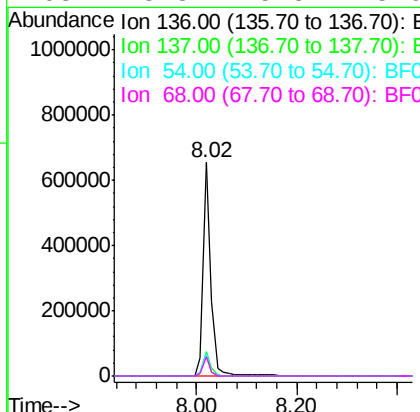
Instrument :
BNA_F
ClientSampleId :
SB-3-2-3

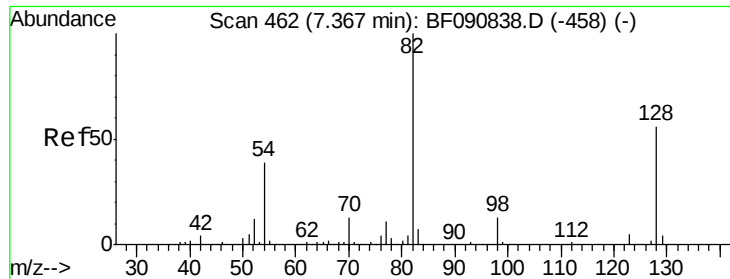
Tgt Ion: 70 Resp: 128768
Ion Ratio Lower Upper
70 100
42 41.5 63.8 95.6#
101 0.0 9.2 13.8#
130 1.7 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF090959.D
Acq: 1 Nov 2016 19:05

Tgt Ion: 136 Resp: 704053
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 10.7 8.2 12.2
68 8.8 5.8 8.6#

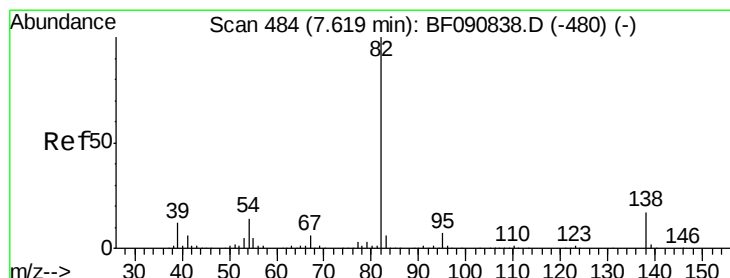
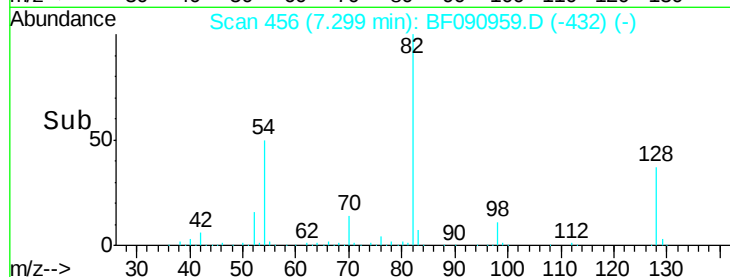
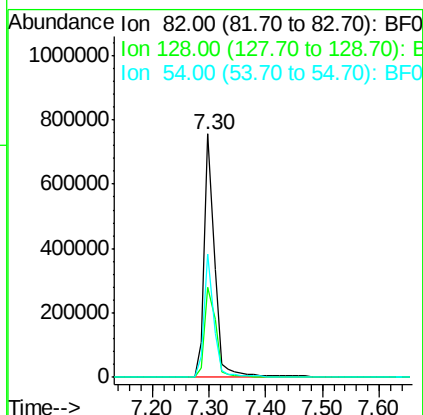
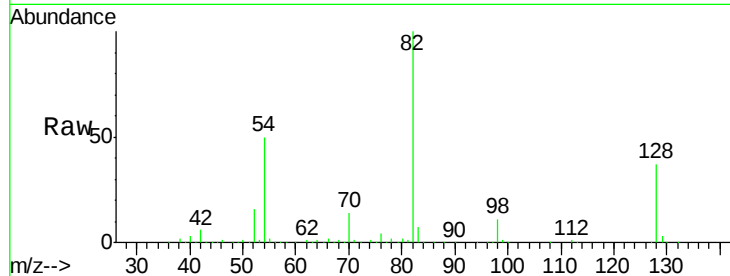




#23
 Nitrobenzene-d5
 Concen: 86.89 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: BF090959.D
 Acq: 1 Nov 2016 19:05

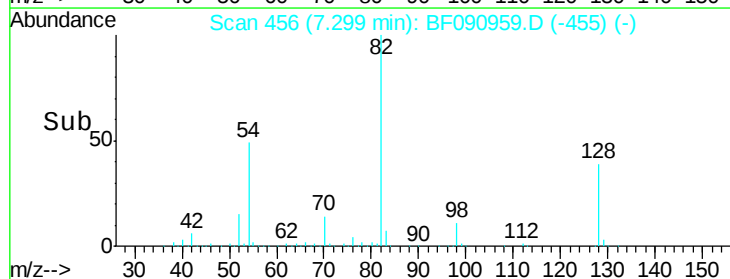
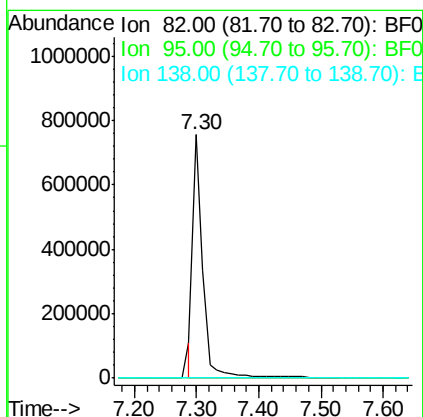
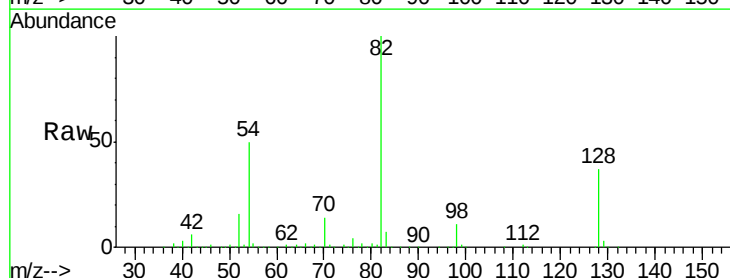
Instrument :
 BNA_F
 ClientSampleId :
 SB-3-2-3

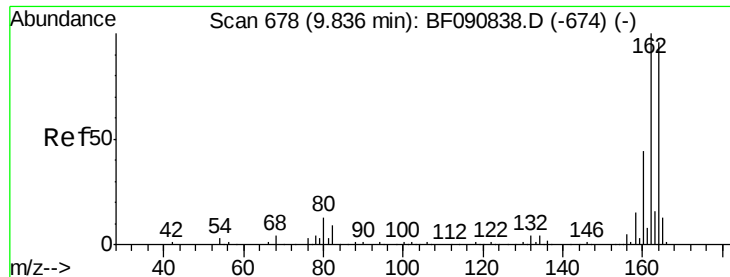
Tgt Ion: 82 Resp: 934504
 Ion Ratio Lower Upper
 82 100
 128 37.0 51.0 76.6#
 54 50.5 47.5 71.3



#25
 Isophorone
 Concen: 37.97 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.29 min
 Lab File: BF090959.D
 Acq: 1 Nov 2016 19:05

Tgt Ion: 82 Resp: 828738
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#

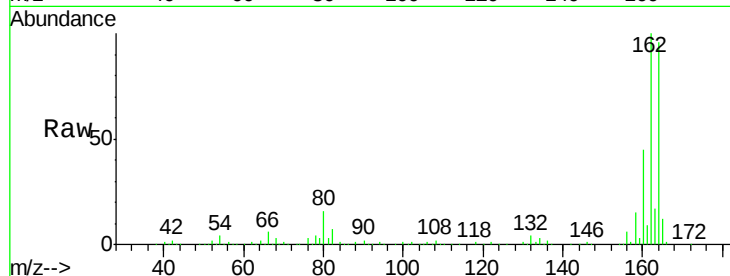




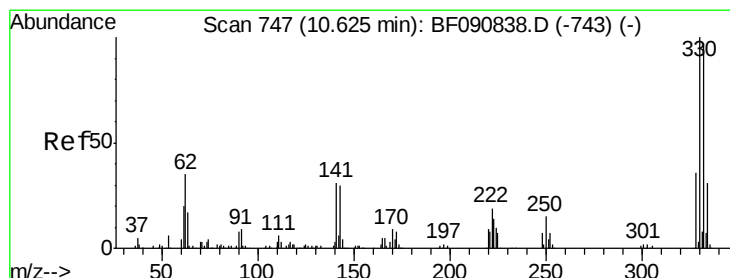
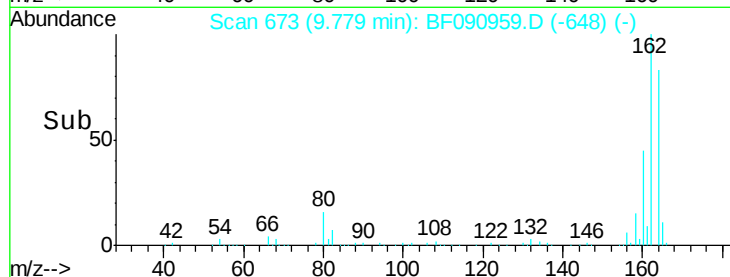
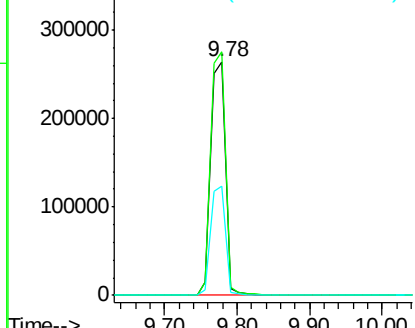
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF090959.D
 Acq: 1 Nov 2016 19:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-2-3

Tgt Ion:164 Resp: 376220
 Ion Ratio Lower Upper
 164 100
 162 104.2 75.2 112.8
 160 46.8 31.5 47.3

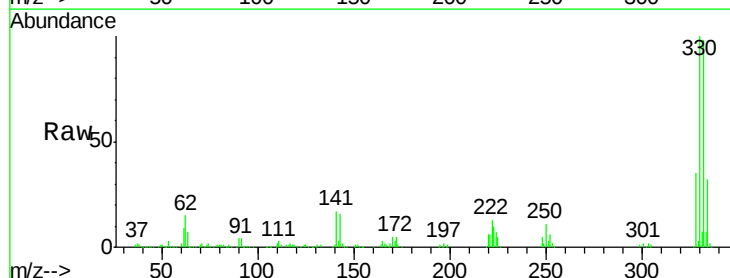


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

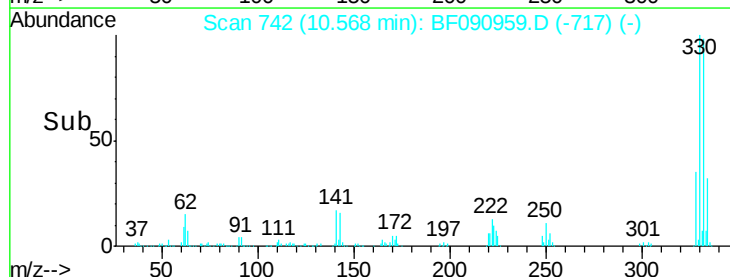
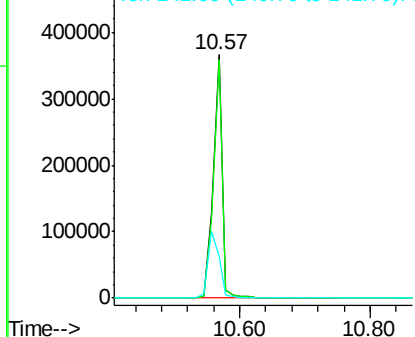


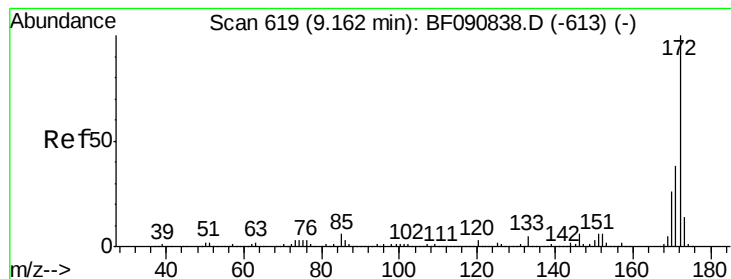
#41
 2,4,6-Tribromophenol
 Concen: 93.18 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF090959.D
 Acq: 1 Nov 2016 19:05

Tgt Ion:330 Resp: 360267
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 34.3 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

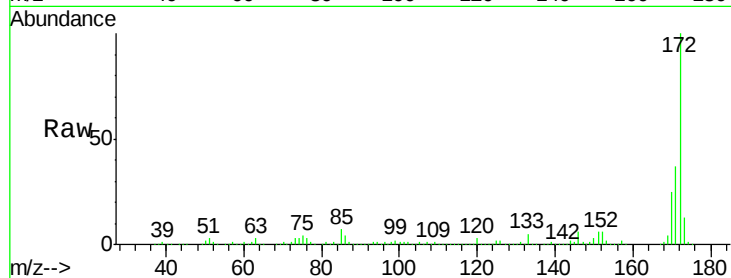




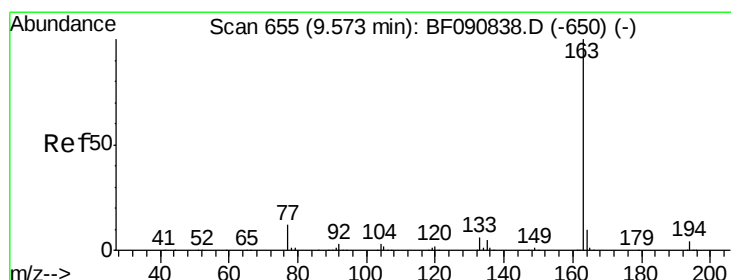
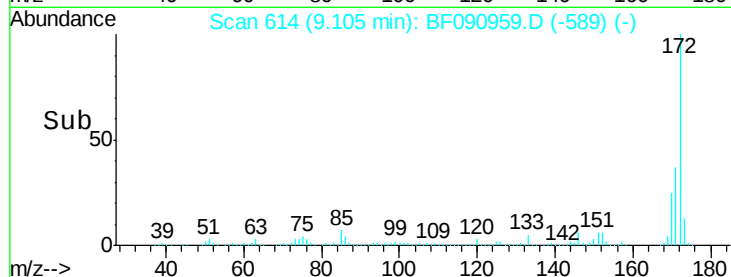
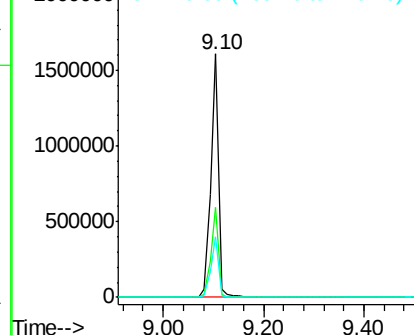
#44
2-Fluorobiphenyl
Concen: 79.18 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF090959.D
Acq: 1 Nov 2016 19:05

Instrument :
BNA_F
ClientSampleId :
SB-3-2-3

Tgt Ion:172 Resp: 1696482
Ion Ratio Lower Upper
172 100
171 36.7 26.1 39.1
170 25.0 17.4 26.2

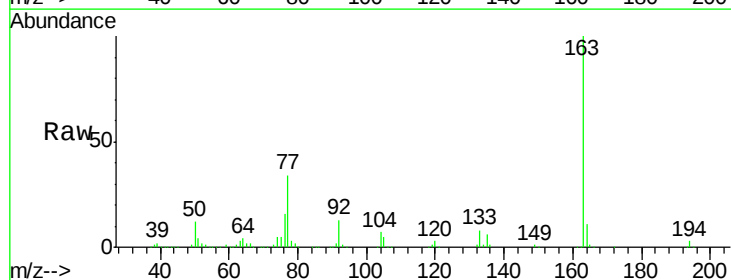


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

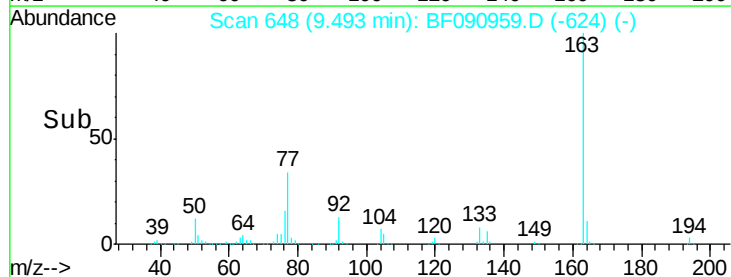
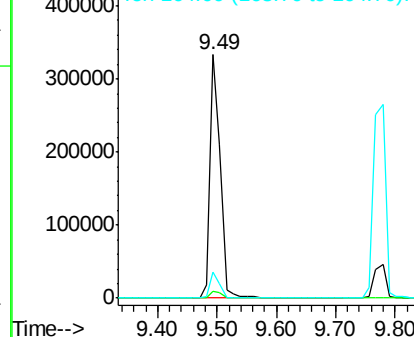


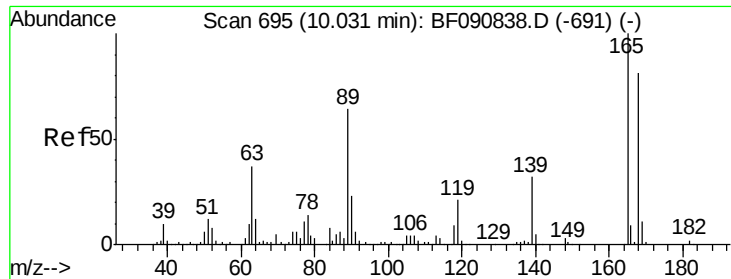
#49
Dimethylphthalate
Concen: 16.15 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.02 min
Lab File: BF090959.D
Acq: 1 Nov 2016 19:05

Tgt Ion:163 Resp: 405978
Ion Ratio Lower Upper
163 100
194 2.7 4.4 6.6#
164 10.7 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

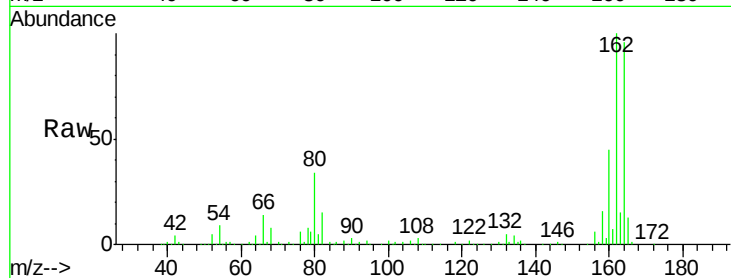




#56
 2,4-Dinitrotoluene
 Concen: 7.11 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.22 min
 Lab File: BF090959.D
 Acq: 1 Nov 2016 19:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-2-3

Tgt Ion:	165	Resp:	49015
Ion	Ratio	Lower	Upper
165	100		
63	1.4	29.8	44.6#
89	1.3	44.5	66.7#
182	0.0	3.0	4.4#

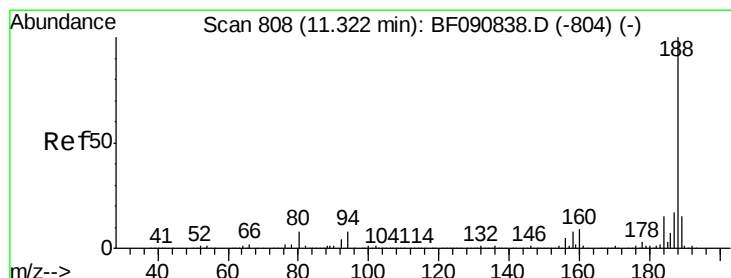
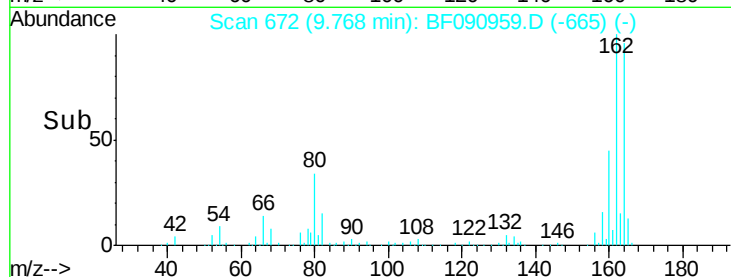
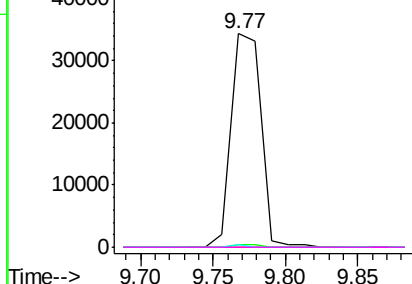


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

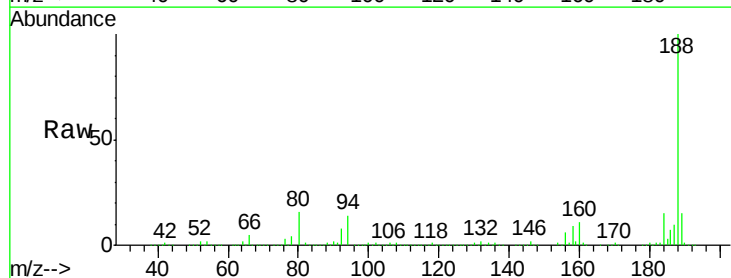
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF090959.D
 Acq: 1 Nov 2016 19:05

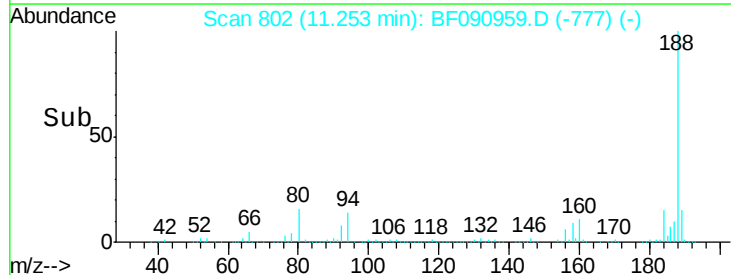
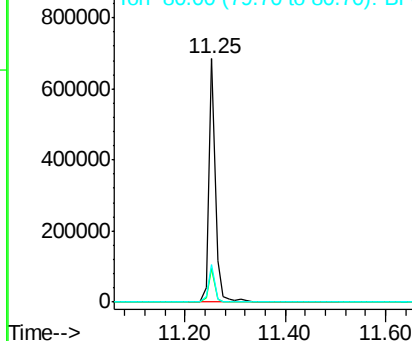
Tgt Ion:	188	Resp:	616492
Ion	Ratio	Lower	Upper
188	100		
94	13.7	11.1	16.7
80	15.6	11.0	16.4

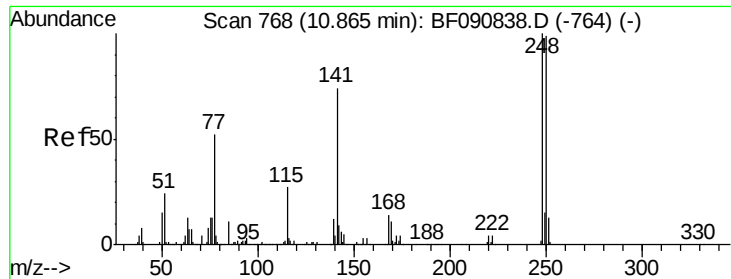


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

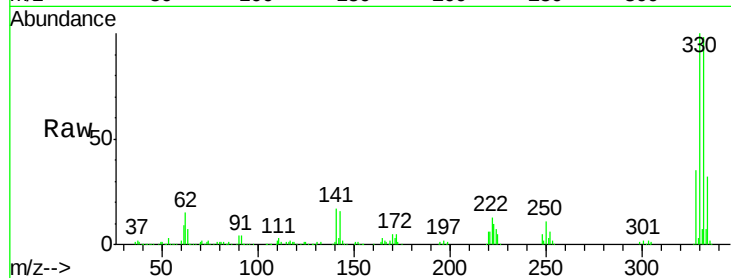




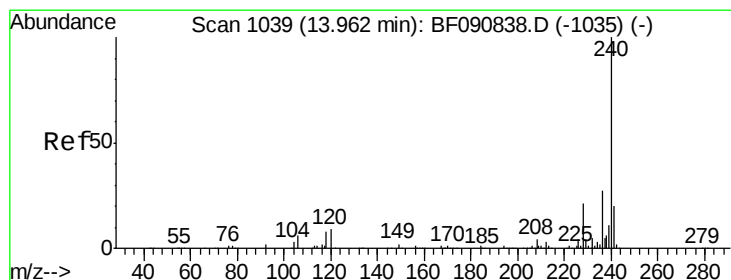
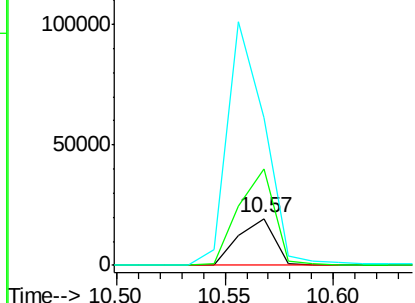
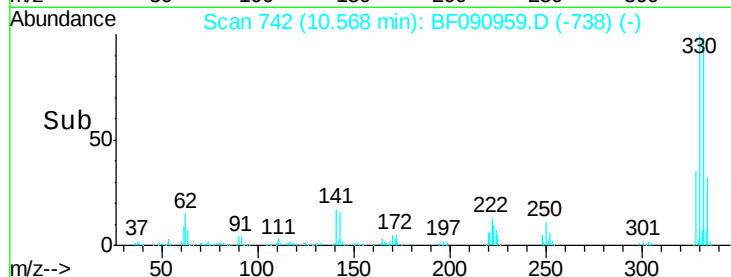
#66
4-Bromophenyl-phenylether
Concen: 3.34 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.25 min
Lab File: BF090959.D
Acq: 1 Nov 2016 19:05

Instrument :
BNA_F
ClientSampleId :
SB-3-2-3

Tgt Ion:248 Resp: 22541
Ion Ratio Lower Upper
248 100
250 206.4 78.5 117.7#
141 316.0 59.0 88.6#

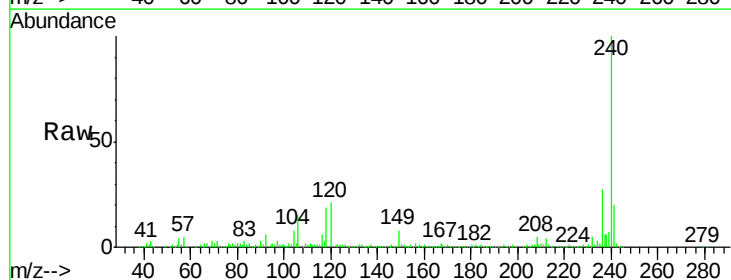


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

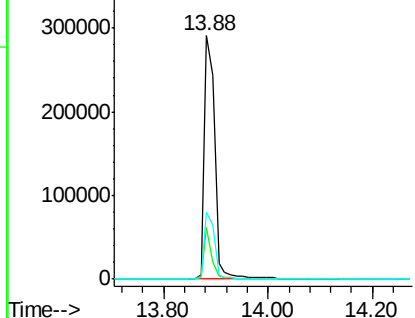
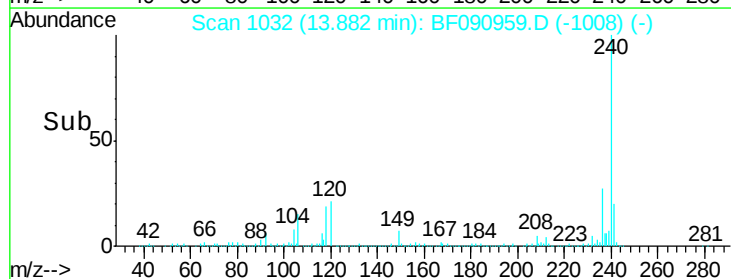


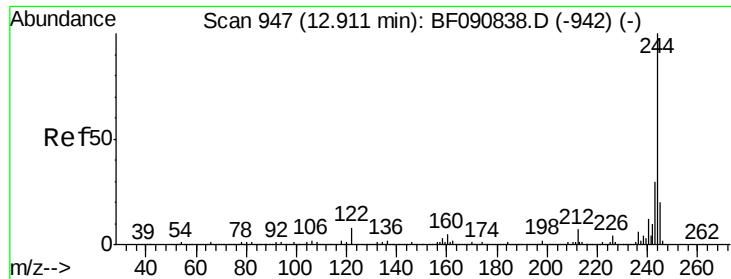
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF090959.D
Acq: 1 Nov 2016 19:05

Tgt Ion:240 Resp: 409080
Ion Ratio Lower Upper
240 100
120 21.2 16.2 24.2
236 27.4 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

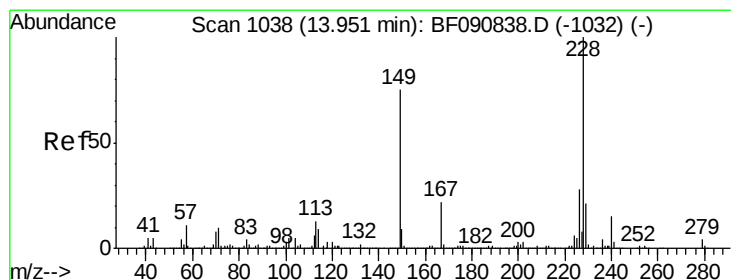
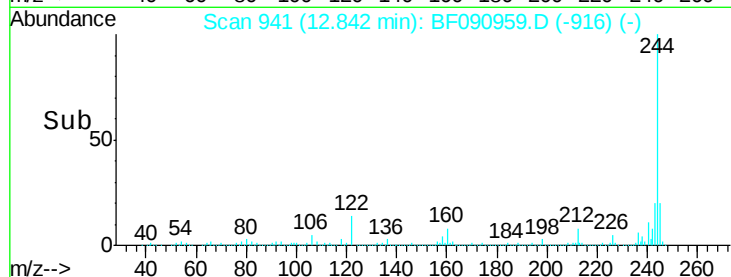
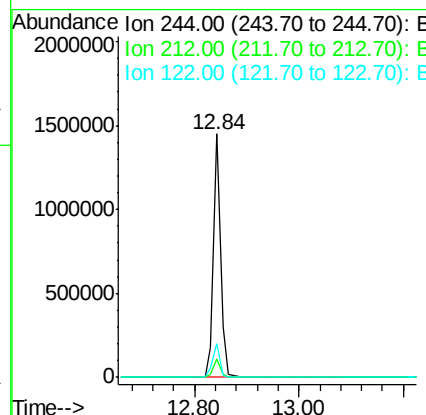
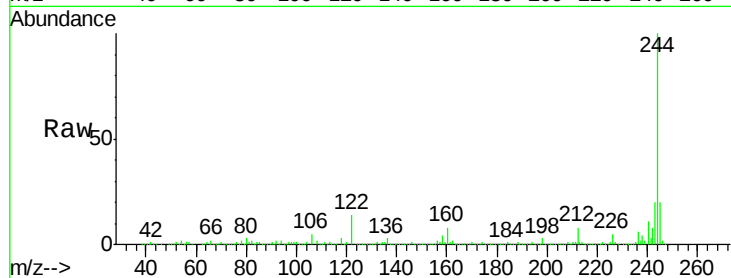




#78
 Terphenyl-d14
 Concen: 84.47 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF090959.D
 Acq: 1 Nov 2016 19:05

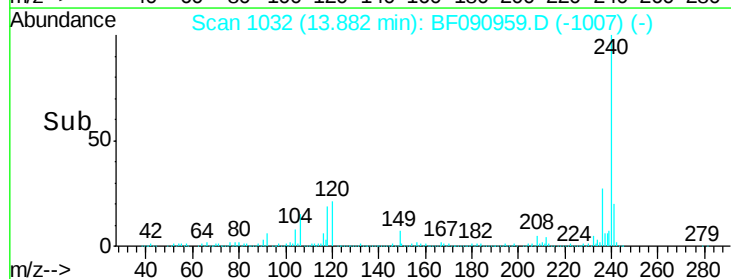
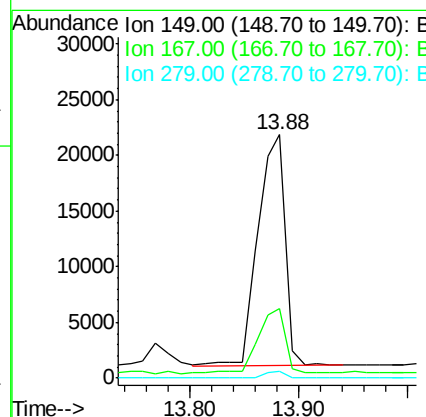
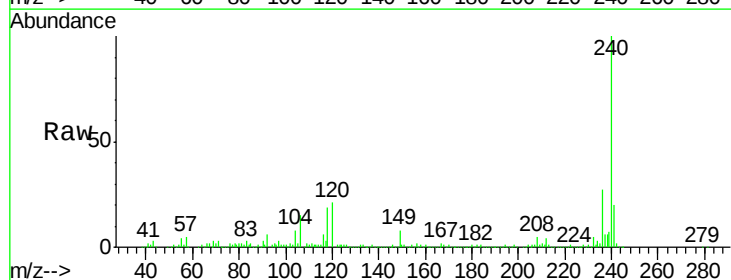
Instrument :
 BNA_F
 ClientSampleId :
 SB-3-2-3

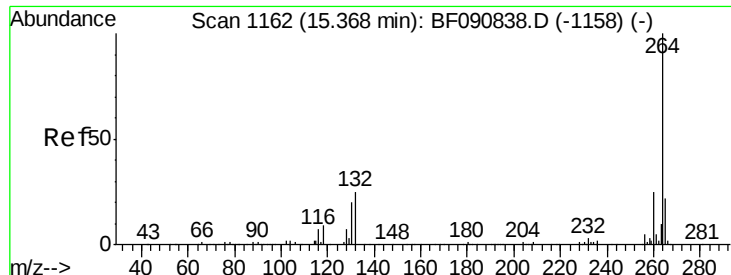
Tgt Ion:244 Resp: 1371606
 Ion Ratio Lower Upper
 244 100
 212 7.6 4.3 6.5#
 122 13.6 17.4 26.2#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.35 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF090959.D
 Acq: 1 Nov 2016 19:05

Tgt Ion:149 Resp: 35940
 Ion Ratio Lower Upper
 149 100
 167 28.6 24.2 36.2
 279 2.9 3.8 5.6#

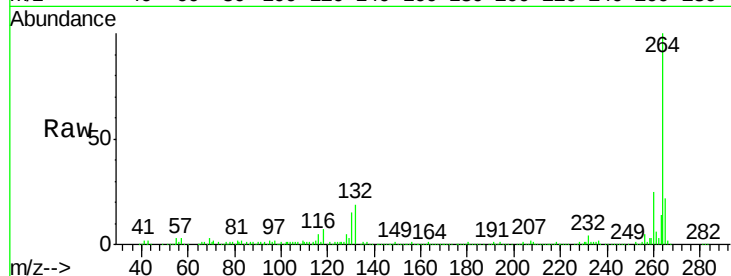




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF090959.D
Acq: 1 Nov 2016 19:05

Instrument :
BNA_F
ClientSampleId :
SB-3-2-3

Tgt Ion: 264 Resp: 298418
Ion Ratio Lower Upper
264 100
260 25.2 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

