

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110116\
 Data File : BF090949.D
 Acq On : 1 Nov 2016 14:32
 Operator : UM/SJ
 Sample : H5445-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4--6-7

Quant Time: Nov 01 23:51:53 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

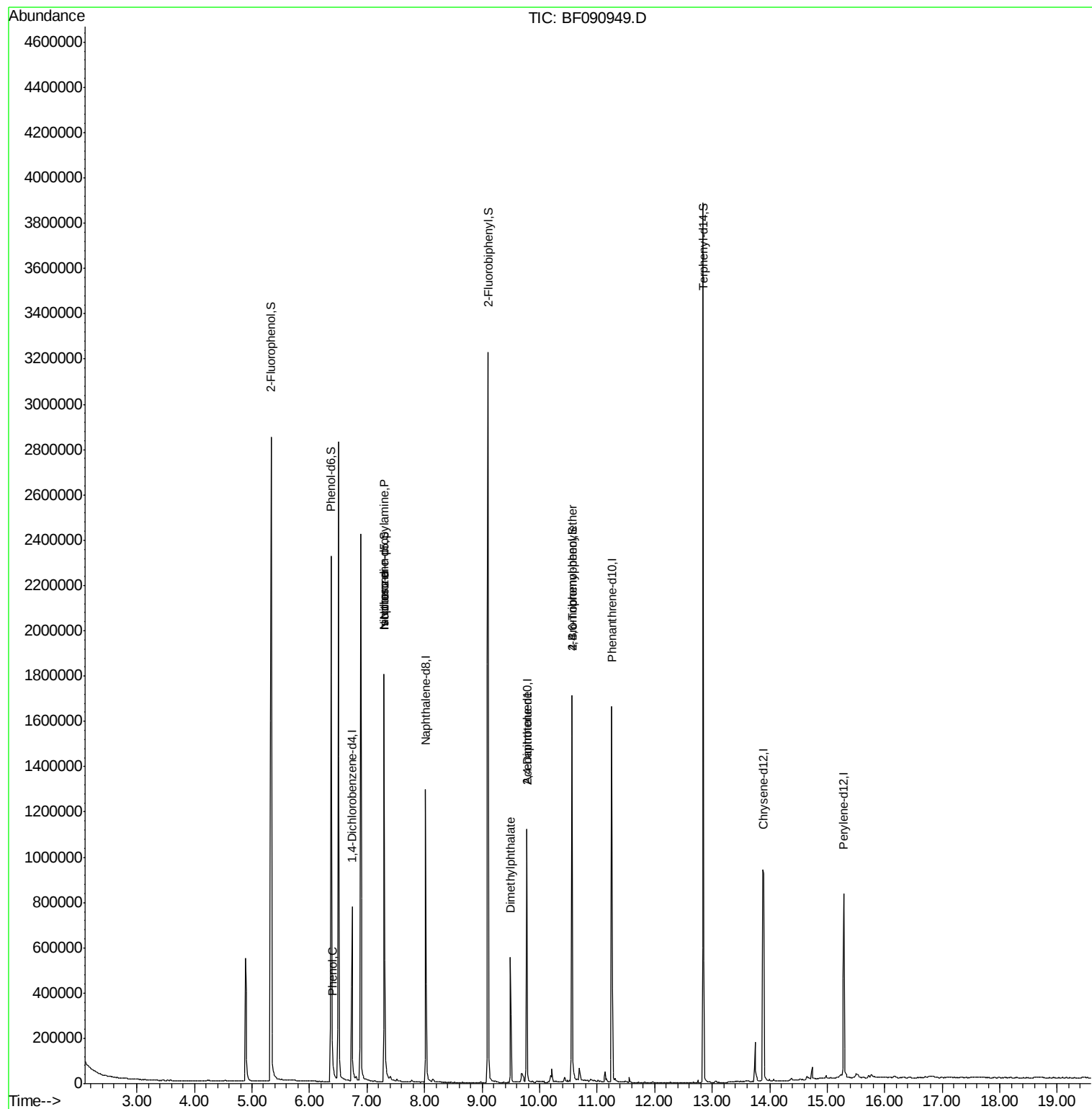
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	151176	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	644351	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	345359	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	593537	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	472691	20.00	ng	-0.01
86) Perylene-d12	15.29	264	340897	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	956648	110.64	ng	0.00
7) Phenol-d6	6.37	99	1210852	103.80	ng	-0.02
23) Nitrobenzene-d5	7.30	82	732079	74.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	319005	89.88	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1245407	63.32	ng	-0.01
78) Terphenyl-d14	12.84	244	1145850	61.07	ng	-0.01
Target Compounds						
10) Phenol	6.40	94	30640	2.38	ng	# 67
19) n-Nitroso-di-n-propylamine	7.30	70	100833	14.95	ng	# 53
25) Isophorone	7.30	82	666232	33.35	ng	# 58
49) Dimethylphthalate	9.49	163	268512	11.64	ng	# 96
56) 2,4-Dinitrotoluene	9.78	165	43112	6.81	ng	# 31
66) 4-Bromophenyl-phenylether	10.57	248	19775	3.04	ng	# 1

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

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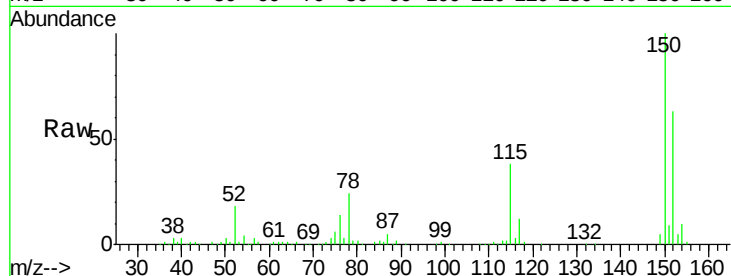




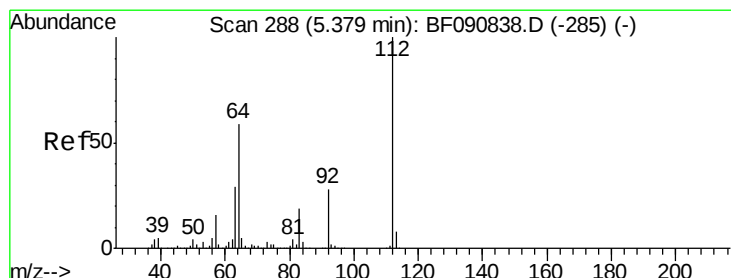
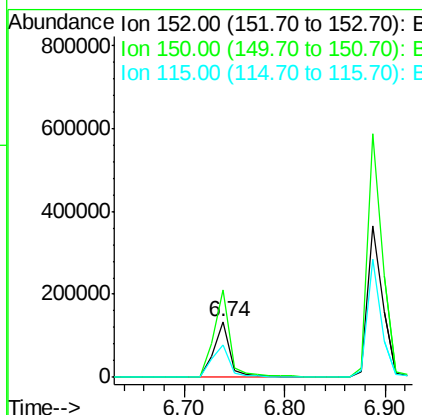
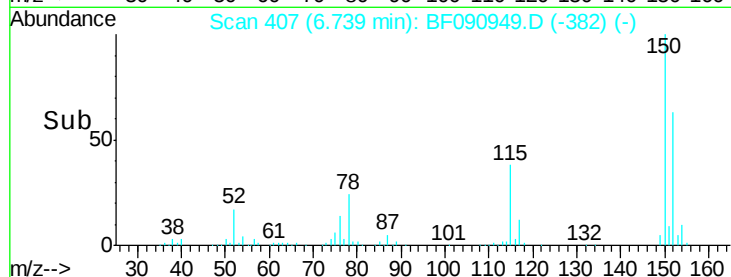
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: BF090949.D
 Acq: 1 Nov 2016 14:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-4--6-7

Tgt Ion:152 Resp: 151176
 Ion Ratio Lower Upper
 152 100
 150 158.0 124.7 187.1
 115 59.4 39.0 58.4#

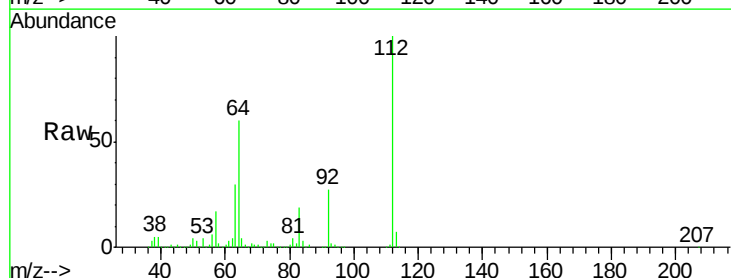


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

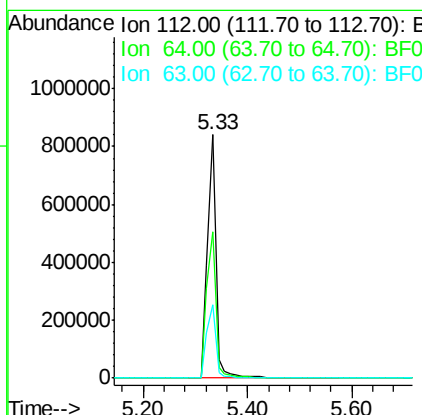
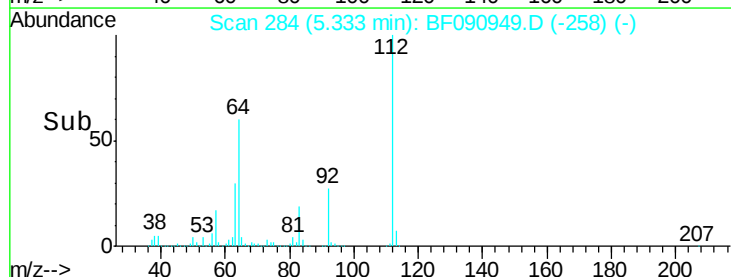


#5
 2-Fluorophenol
 Concen: 110.64 ng
 RT: 5.33 min Scan# 284
 Delta R.T. 0.00 min
 Lab File: BF090949.D
 Acq: 1 Nov 2016 14:32

Tgt Ion:112 Resp: 956648
 Ion Ratio Lower Upper
 112 100
 64 59.9 39.7 59.5#
 63 30.0 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: 103.80 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF090949.D

Acq: 1 Nov 2016 14:32

Instrument :

BNA_F

ClientSampleId :

SB-4--6-7

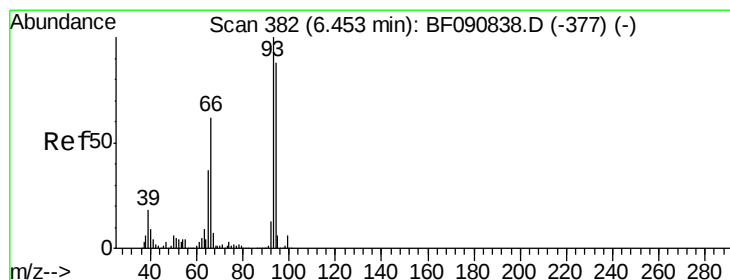
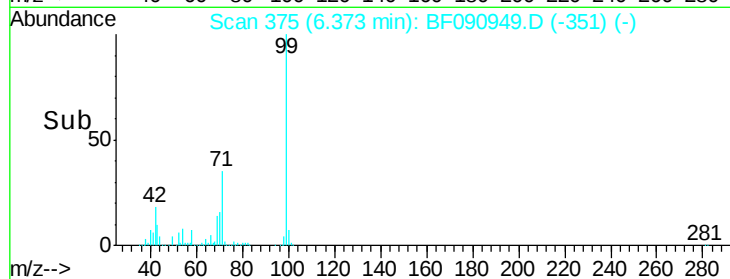
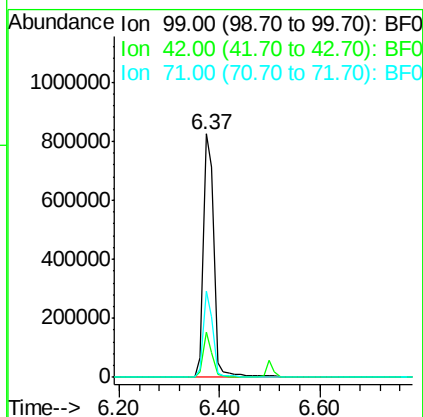
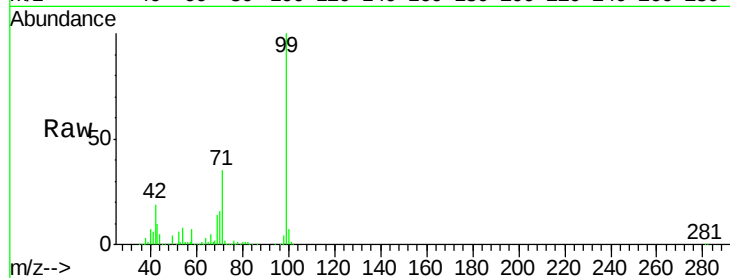
Tgt Ion: 99 Resp: 1210852

Ion Ratio Lower Upper

99 100

42 18.5 13.7 20.5

71 35.2 14.2 21.2#



#10

Phenol

Concen: 2.38 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF090949.D

Acq: 1 Nov 2016 14:32

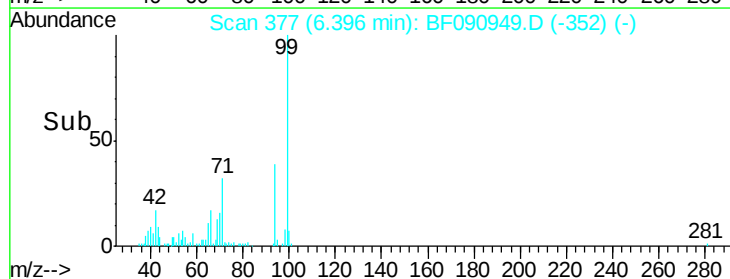
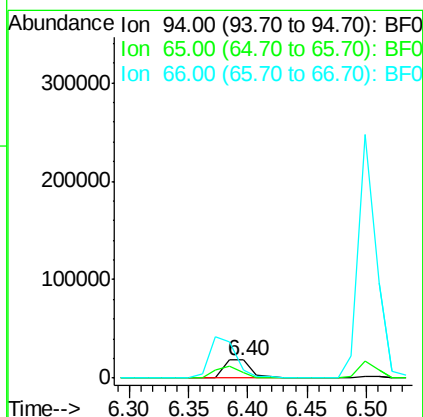
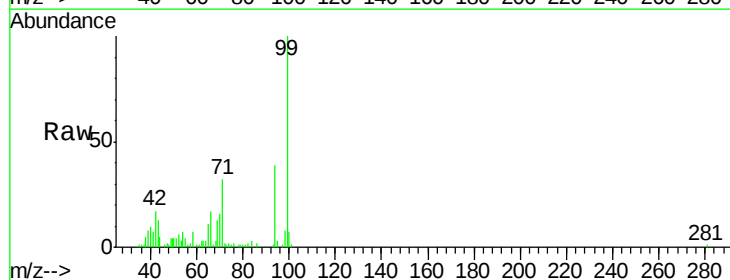
Tgt Ion: 94 Resp: 30640

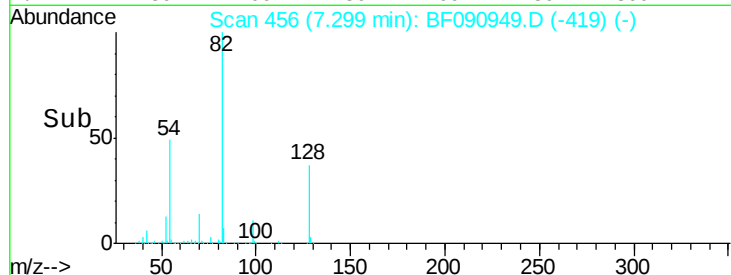
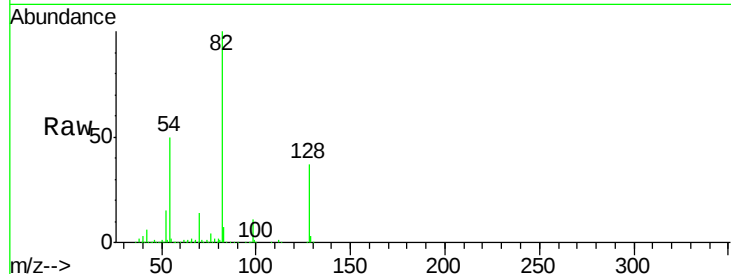
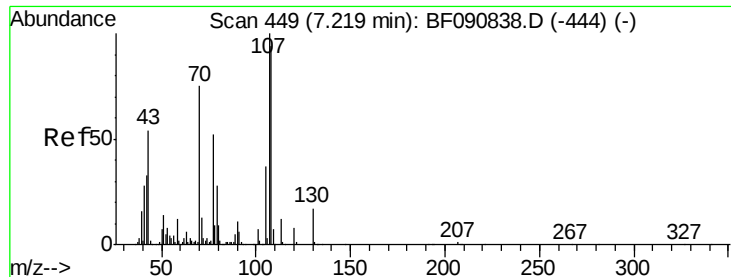
Ion Ratio Lower Upper

94 100

65 28.2 0.7 40.7

66 43.8 0.8 40.8#

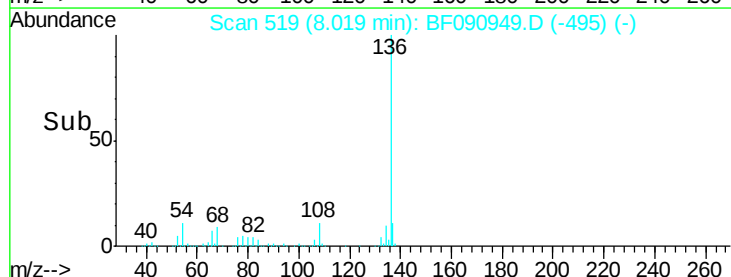
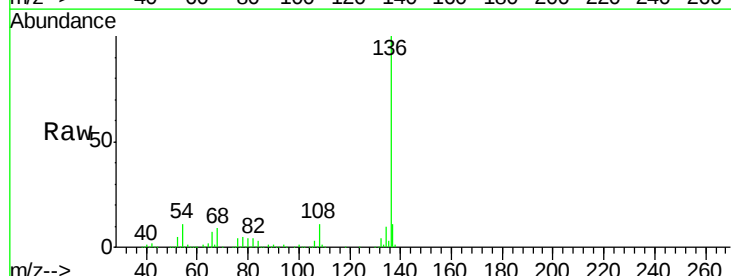
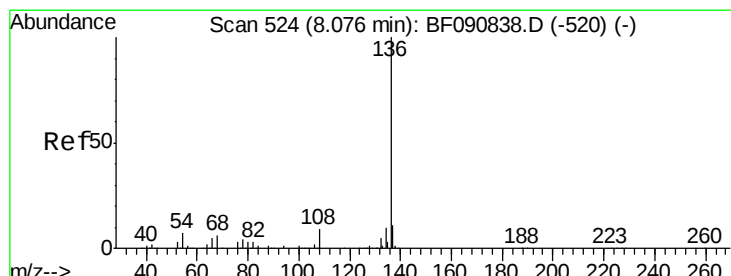
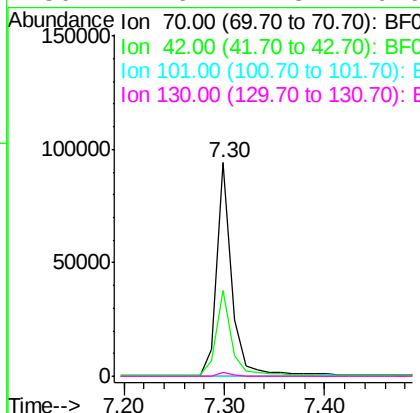




#19
n-Nitroso-di-n-propylamine
Concen: 14.95 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.13 min
Lab File: BF090949.D
Acq: 1 Nov 2016 14:32

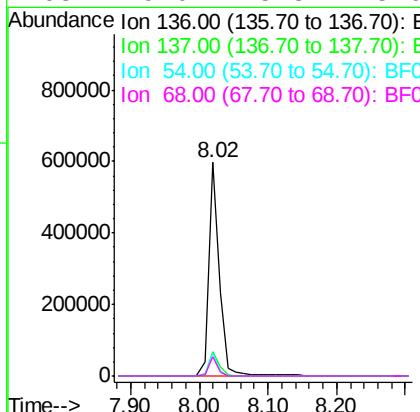
Instrument :
BNA_F
ClientSampleId :
SB-4--6-7

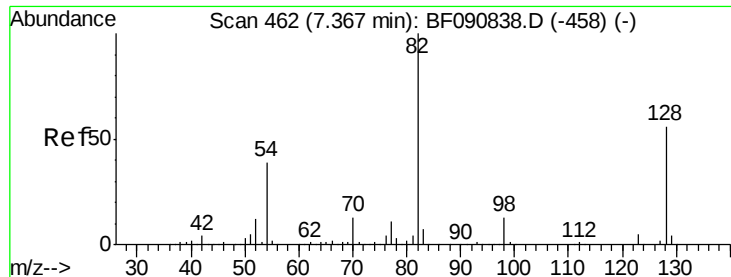
Tgt Ion:	70	Resp:	100833
Ion	Ratio	Lower	Upper
70	100		
42	40.2	63.8	95.6#
101	0.0	9.2	13.8#
130	1.6	27.3	40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF090949.D
Acq: 1 Nov 2016 14:32

Tgt Ion:	136	Resp:	644351
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	10.8	8.2	12.2
68	9.0	5.8	8.6#

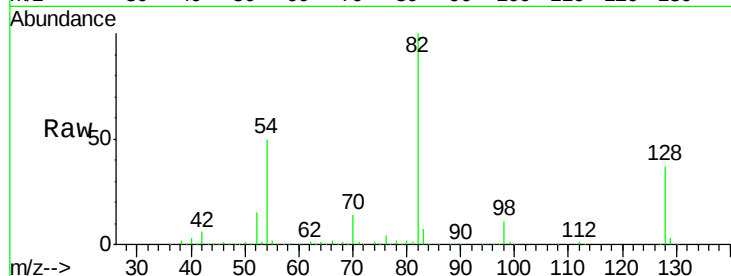




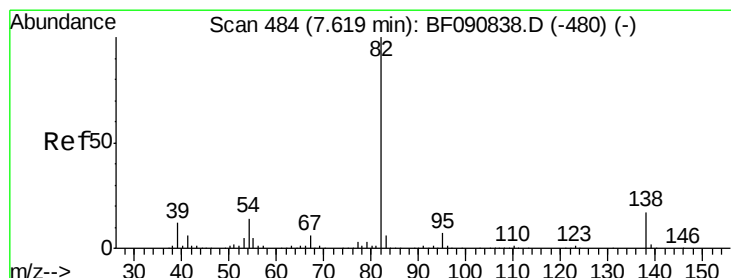
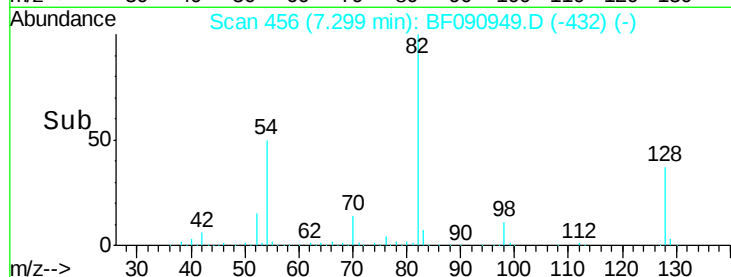
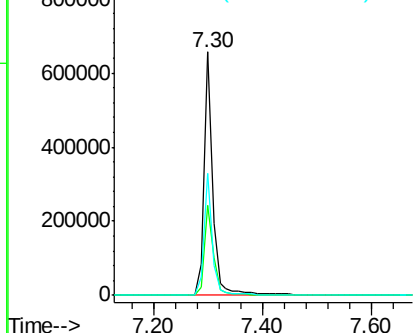
#23
 Nitrobenzene-d5
 Concen: 74.38 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: BF090949.D
 Acq: 1 Nov 2016 14:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-4--6-7

Tgt Ion: 82 Resp: 732079
 Ion Ratio Lower Upper
 82 100
 128 36.8 51.0 76.6#
 54 50.0 47.5 71.3

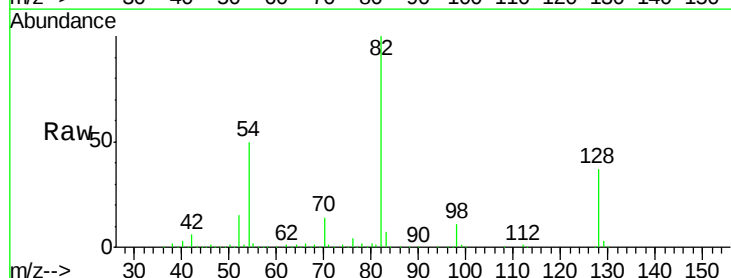


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

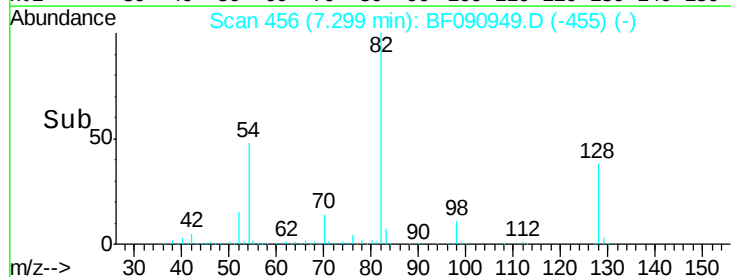
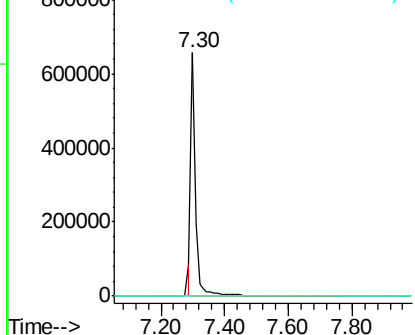


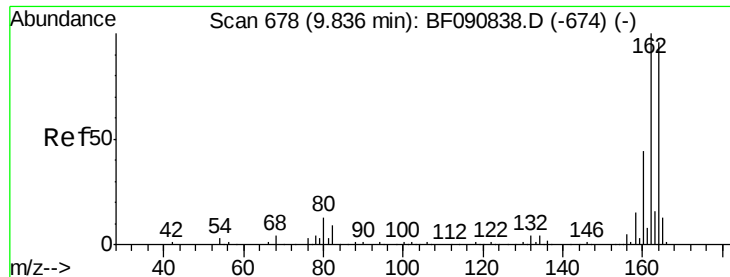
#25
 Isophorone
 Concen: 33.35 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.29 min
 Lab File: BF090949.D
 Acq: 1 Nov 2016 14:32

Tgt Ion: 82 Resp: 666232
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

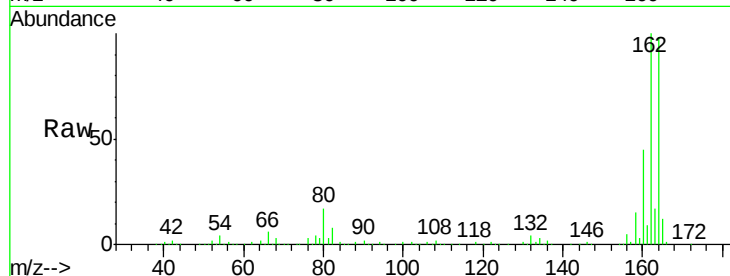




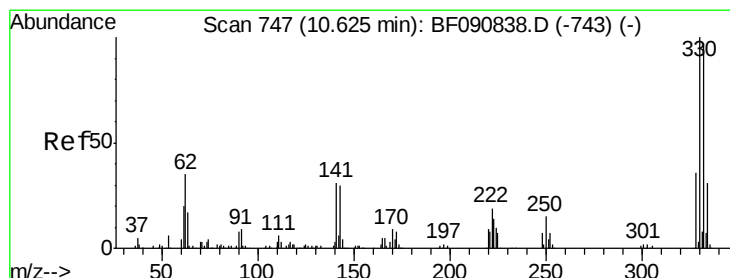
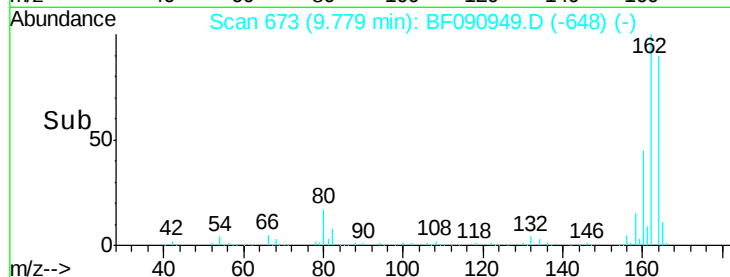
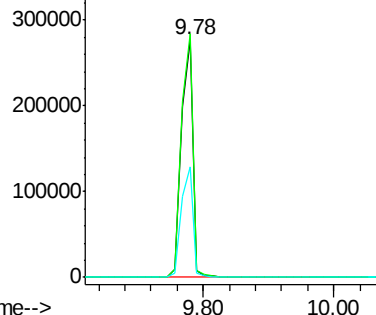
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF090949.D
Acq: 1 Nov 2016 14:32

Instrument :
BNA_F
ClientSampleId :
SB-4--6-7

Tgt Ion:164 Resp: 345359
Ion Ratio Lower Upper
164 100
162 102.4 75.2 112.8
160 46.4 31.5 47.3

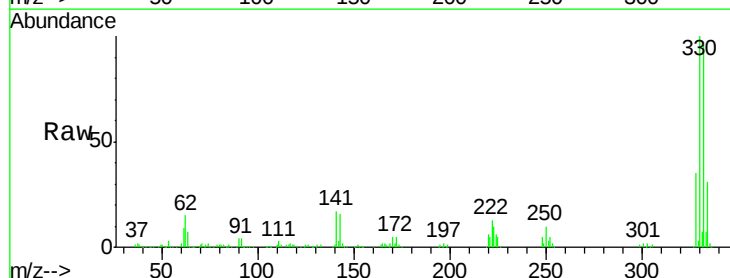


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

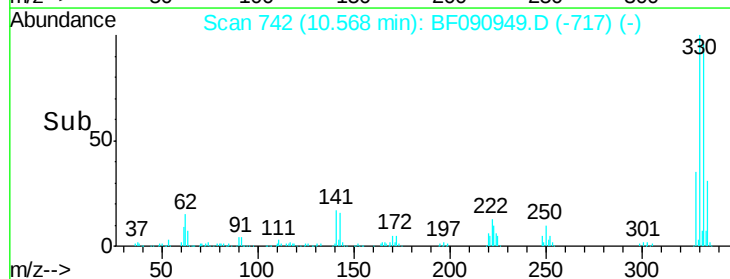
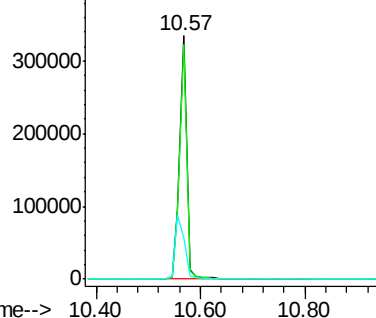


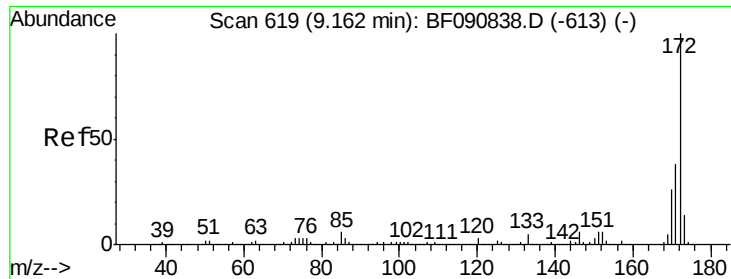
#41
2,4,6-Tribromophenol
Concen: 89.88 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF090949.D
Acq: 1 Nov 2016 14:32

Tgt Ion:330 Resp: 319005
Ion Ratio Lower Upper
330 100
332 96.5 76.6 114.8
141 35.0 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

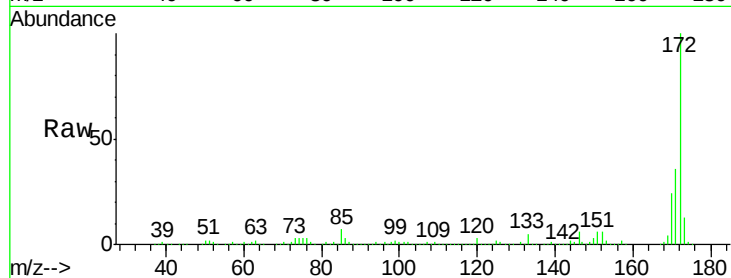




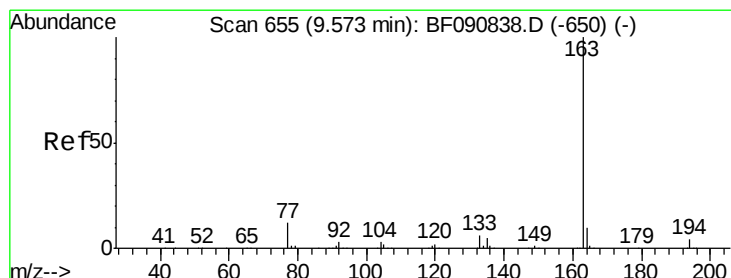
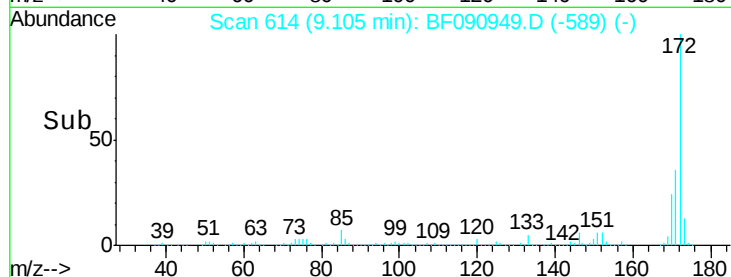
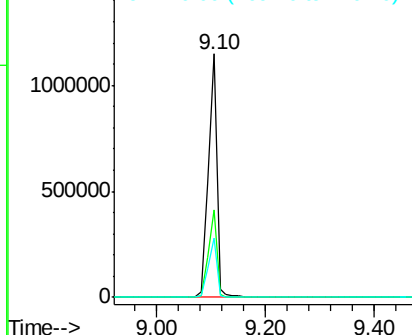
#44
2-Fluorobiphenyl
Concen: 63.32 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF090949.D
Acq: 1 Nov 2016 14:32

Instrument :
BNA_F
ClientSampleId :
SB-4--6-7

Tgt Ion:172 Resp: 1245407
Ion Ratio Lower Upper
172 100
171 36.0 26.1 39.1
170 24.3 17.4 26.2

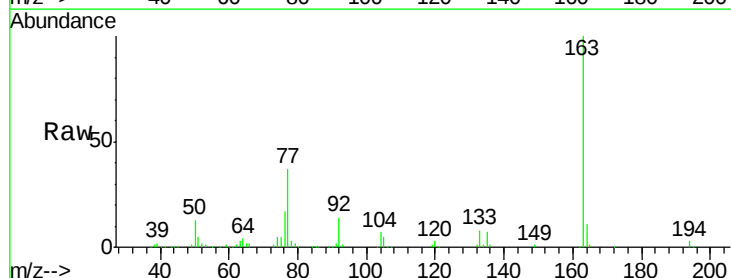


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

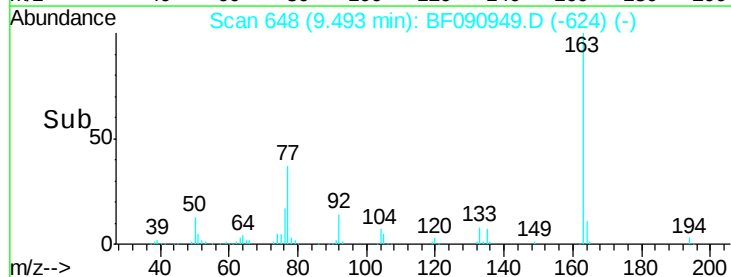
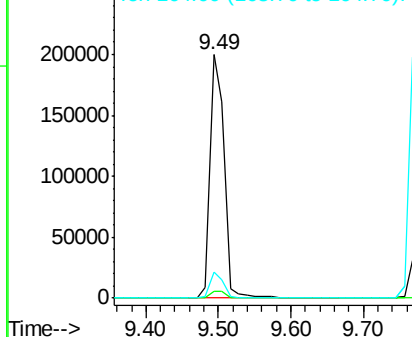


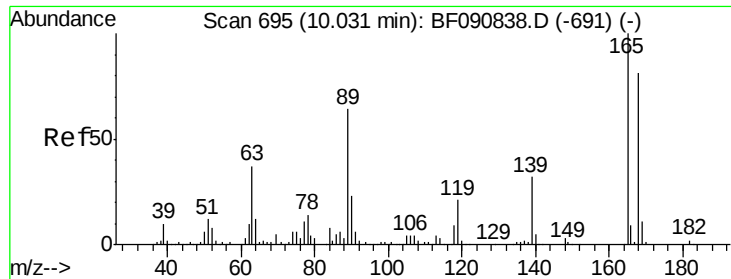
#49
Dimethylphthalate
Concen: 11.64 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.02 min
Lab File: BF090949.D
Acq: 1 Nov 2016 14:32

Tgt Ion:163 Resp: 268512
Ion Ratio Lower Upper
163 100
194 2.7 4.4 6.6#
164 10.9 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

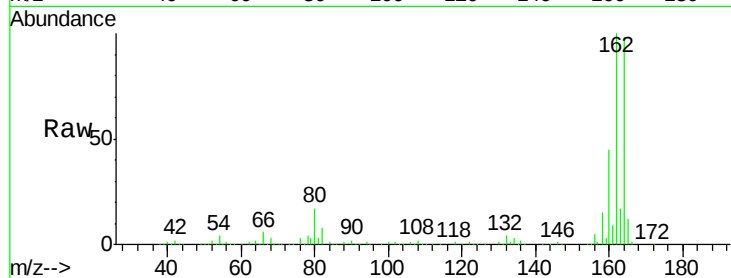




#56
 2,4-Dinitrotoluene
 Concen: 6.81 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.21 min
 Lab File: BF090949.D
 Acq: 1 Nov 2016 14:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-4--6-7

Tgt Ion:	165	Resp:	43112
Ion Ratio	Lower	Upper	
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

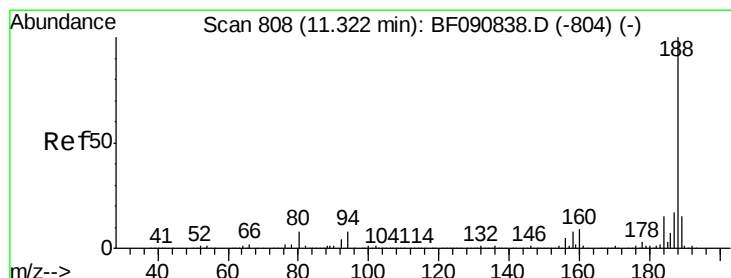
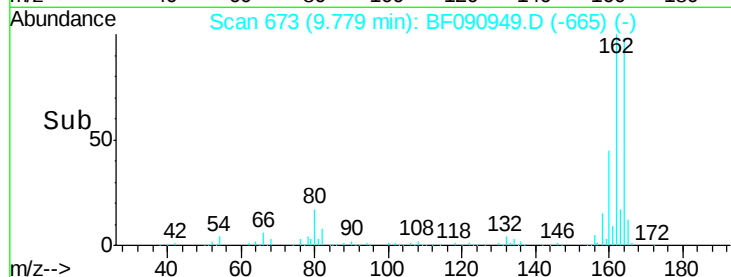
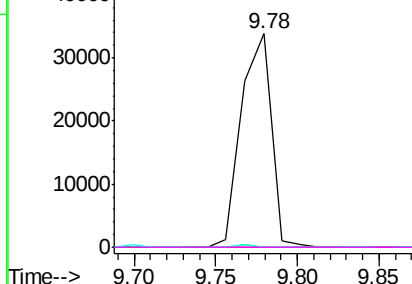


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

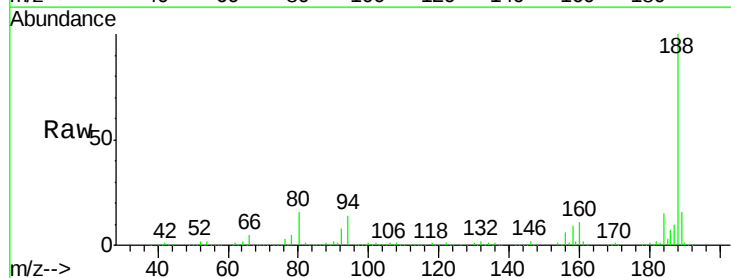
Ion 89.00 (88.70 to 89.70): BF0

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: BF090949.D
 Acq: 1 Nov 2016 14:32

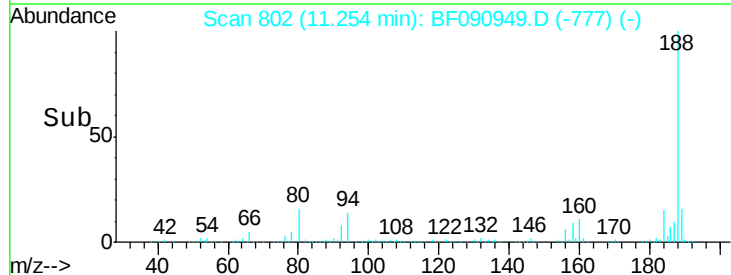
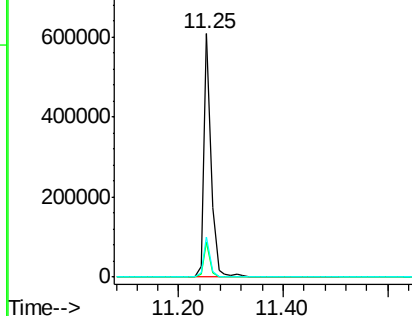
Tgt Ion:	188	Resp:	593537
Ion Ratio	Lower	Upper	
188	100		
94	14.2	11.1	16.7
80	16.2	11.0	16.4

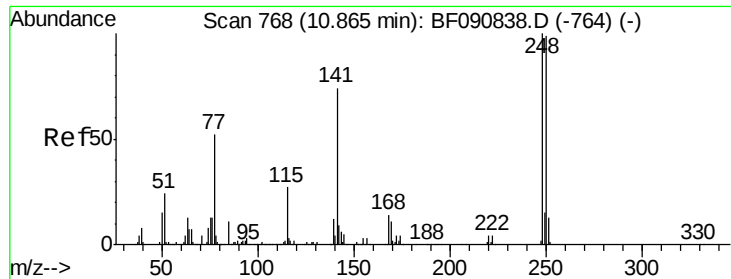


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

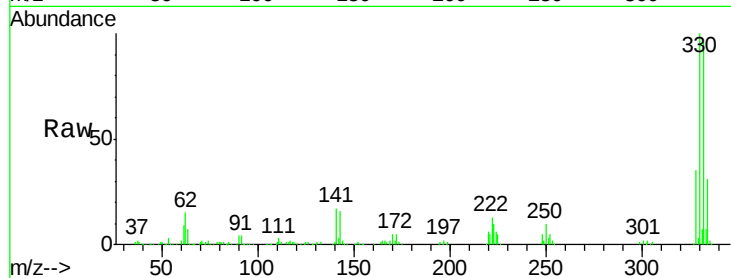




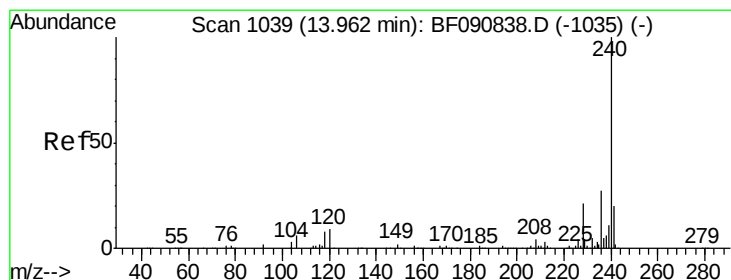
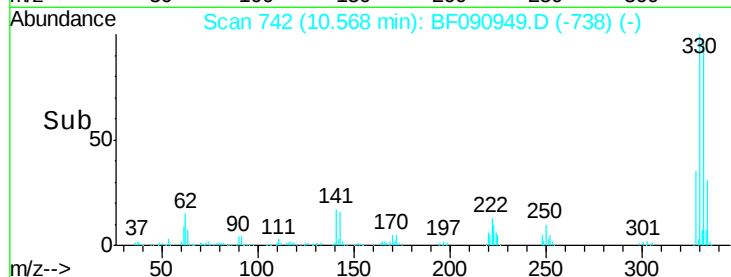
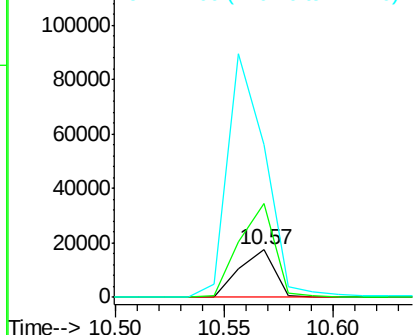
#66
4-Bromophenyl-phenylether
Concen: 3.04 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.25 min
Lab File: BF090949.D
Acq: 1 Nov 2016 14:32

Instrument :
BNA_F
ClientSampled :
SB-4--6-7

Tgt Ion:248 Resp: 19775
Ion Ratio Lower Upper
248 100
250 196.4 78.5 117.7#
141 319.6 59.0 88.6#

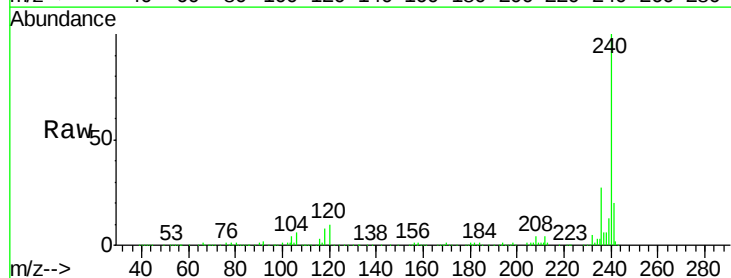


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

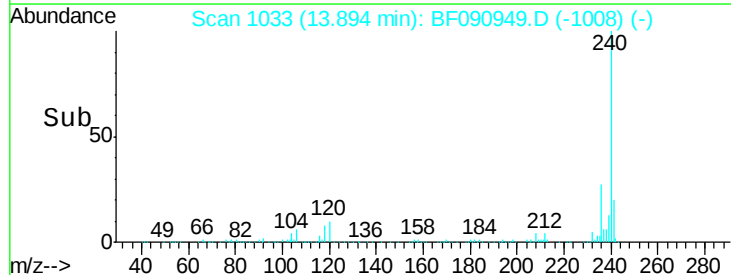
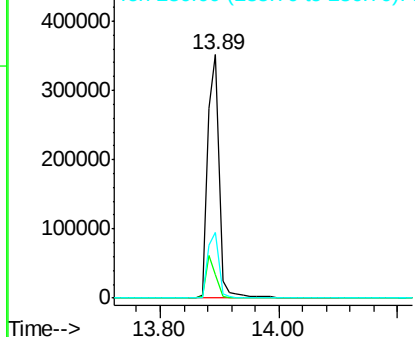


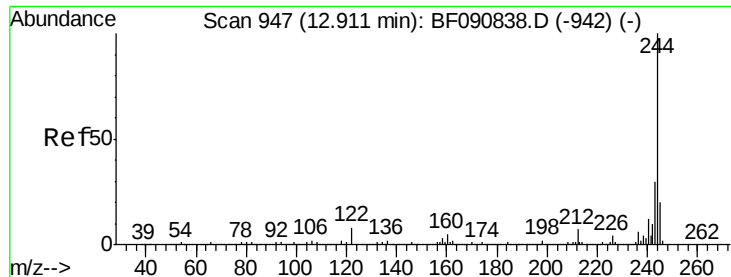
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF090949.D
Acq: 1 Nov 2016 14:32

Tgt Ion:240 Resp: 472691
Ion Ratio Lower Upper
240 100
120 9.5 16.2 24.2#
236 27.1 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: 61.07 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF090949.D

Acq: 1 Nov 2016 14:32

Instrument :

BNA_F

ClientSampleId :

SB-4--6-7

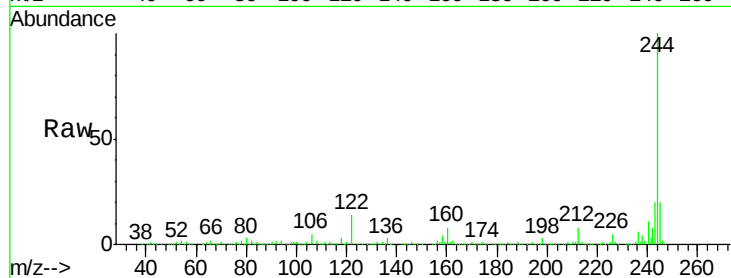
Tgt Ion:244 Resp: 1145850

Ion Ratio Lower Upper

244 100

212 7.6 4.3 6.5#

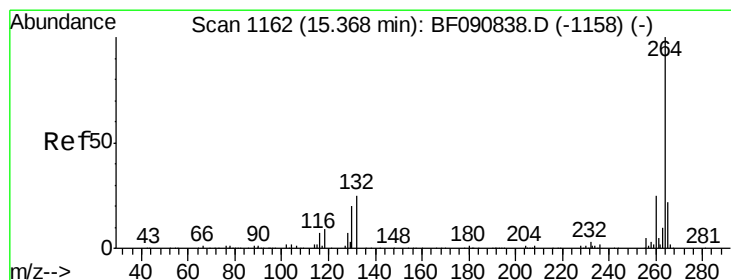
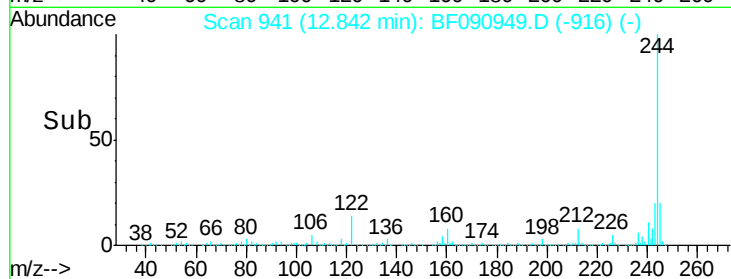
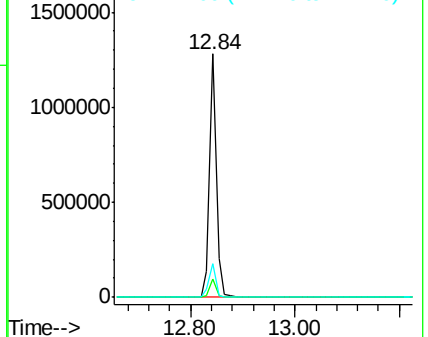
122 14.0 17.4 26.2#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.29 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF090949.D

Acq: 1 Nov 2016 14:32

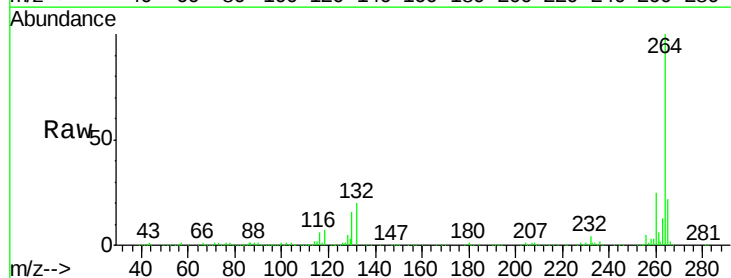
Tgt Ion:264 Resp: 340897

Ion Ratio Lower Upper

264 100

260 24.8 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

