

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102616\
 Data File : BF090852.D
 Acq On : 26 Oct 2016 20:49
 Operator : UM/SJ
 Sample : H5382-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: Oct 27 01:21:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 16:35:31 2016
 Response via : Initial Calibration

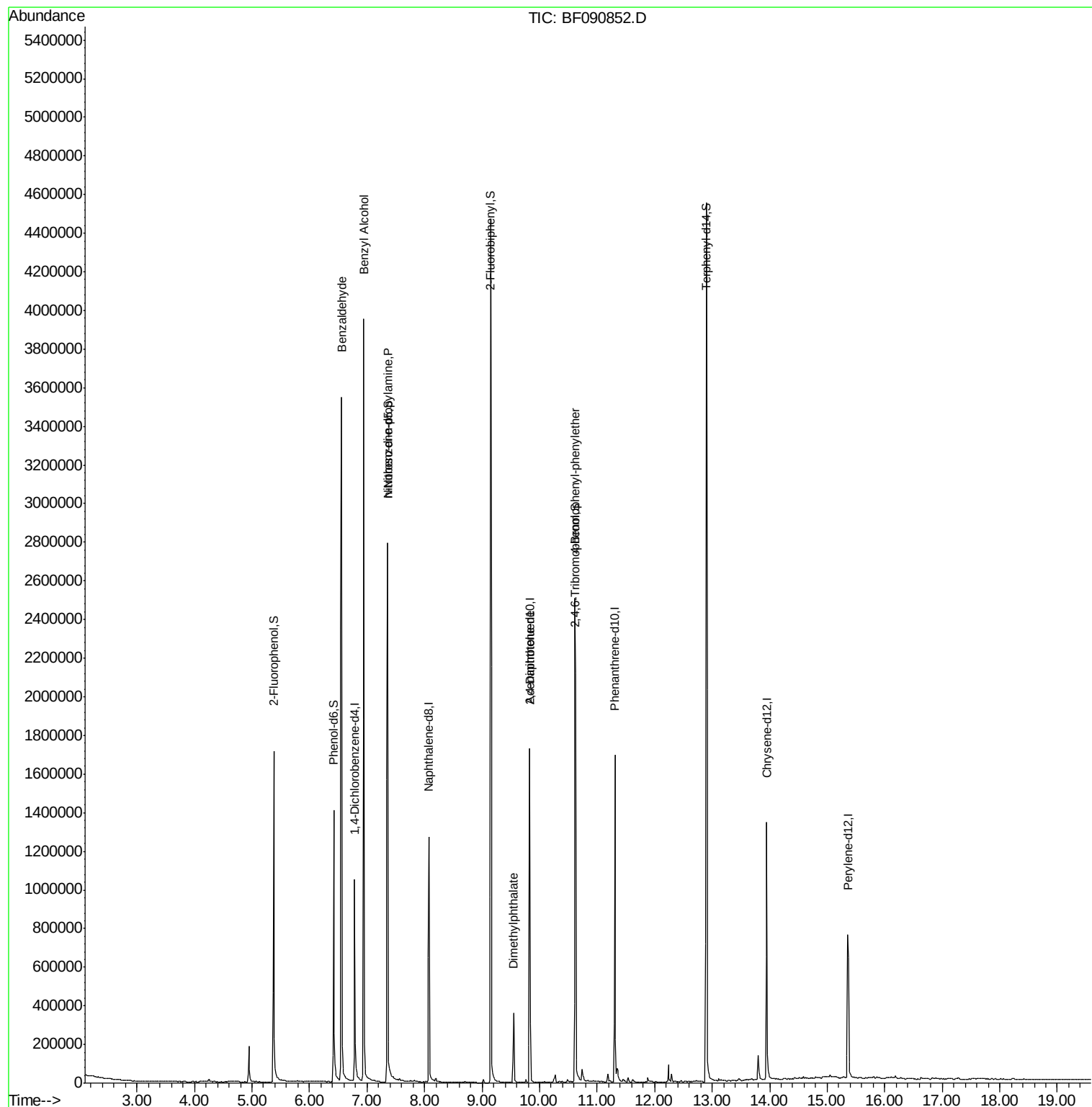
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	175117	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	753800	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	376510	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	667612	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	561825	20.00	ng	-0.01
86) Perylene-d12	15.36	264	411919	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	587423	58.65	ng	-0.01
7) Phenol-d6	6.42	99	526272	38.95	ng	-0.02
23) Nitrobenzene-d5	7.36	82	1283296	111.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	583056	150.69	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1946417	90.78	ng	-0.02
78) Terphenyl-d14	12.90	244	1847117	82.83	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.56	77	28353	4.06	ng	# 64
15) Benzyl Alcohol	6.94	79	20505	2.31	ng	# 29
19) n-Nitroso-di-n-propylamine	7.36	70	172824	22.12	ng	# 50
49) Dimethylphthalate	9.55	163	179698	7.14	ng	# 97
56) 2,4-Dinitrotoluene	9.82	165	48727	7.06	ng	# 33
66) 4-Bromophenyl-phenylether	10.61	248	34978	4.78	ng	# 1

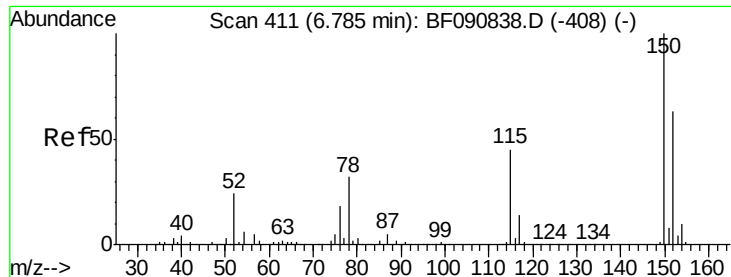
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 26 16:35:31 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF090852.D

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DSN001

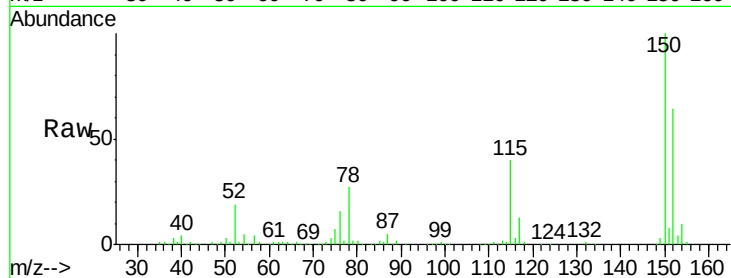
Tgt Ion:152 Resp: 175117

Ion Ratio Lower Upper

152 100

150 156.2 124.7 187.1

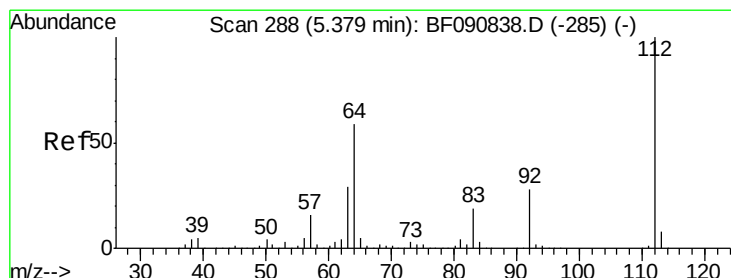
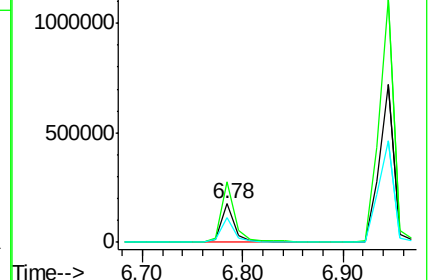
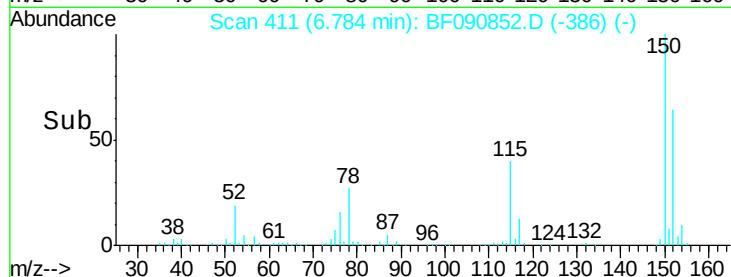
115 62.9 39.0 58.4#



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: 58.65 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.01 min

Lab File: BF090852.D

Acq: 26 Oct 2016 20:49

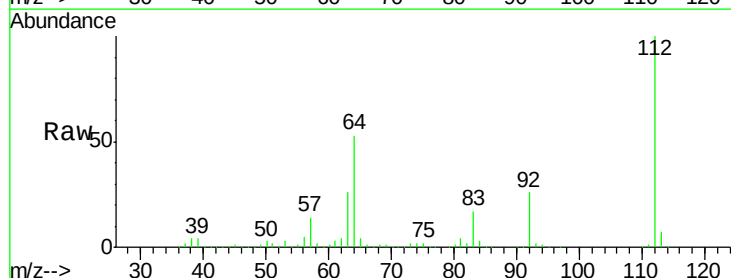
Tgt Ion:112 Resp: 587423

Ion Ratio Lower Upper

112 100

64 52.6 39.7 59.5

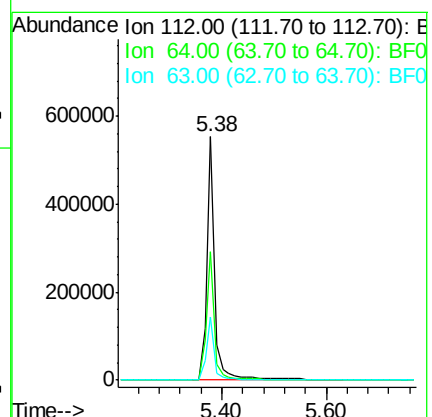
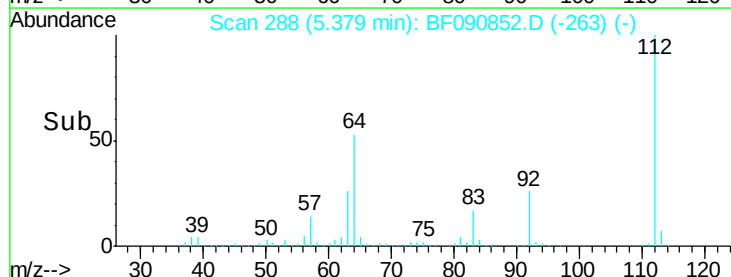
63 26.0 17.4 26.0

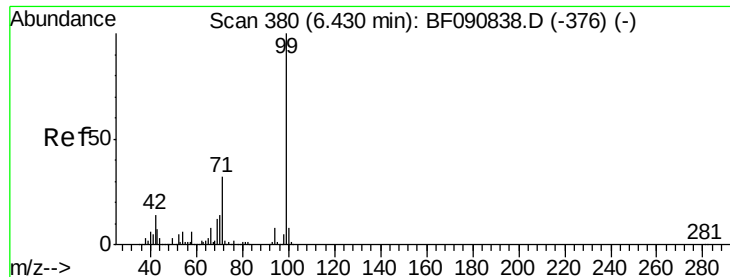


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.95 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF090852.D

Acq: 26 Oct 2016 20:49

Instrument :

BNA_F

ClientSampleId :

DSN001

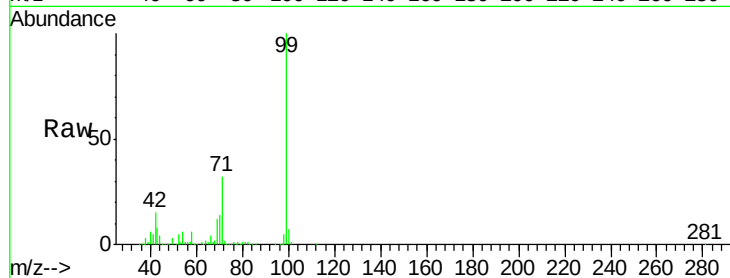
Tgt Ion: 99 Resp: 526272

Ion Ratio Lower Upper

99 100

42 15.1 13.7 20.5

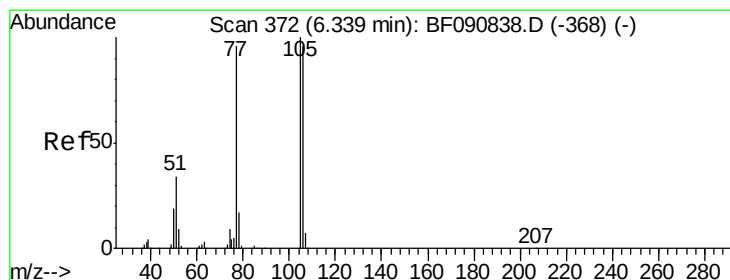
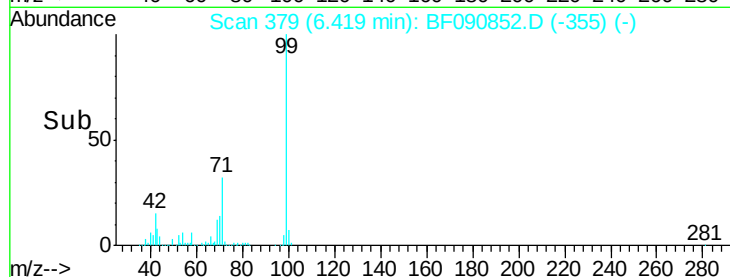
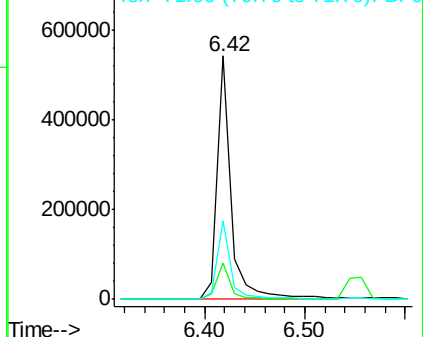
71 32.3 14.2 21.2#



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



#9

Benzaldehyde

Concen: 4.06 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.22 min

Lab File: BF090852.D

Acq: 26 Oct 2016 20:49

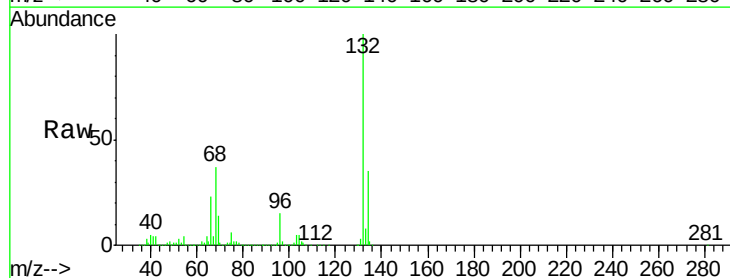
Tgt Ion: 77 Resp: 28353

Ion Ratio Lower Upper

77 100

105 82.6 91.6 131.6#

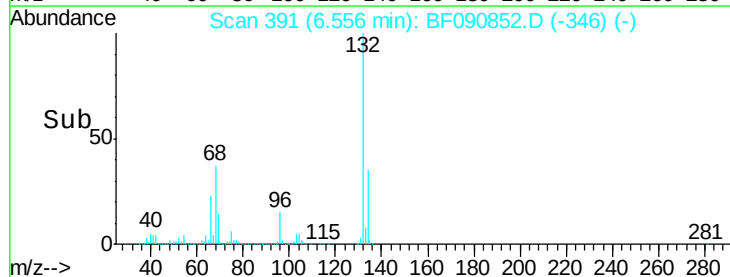
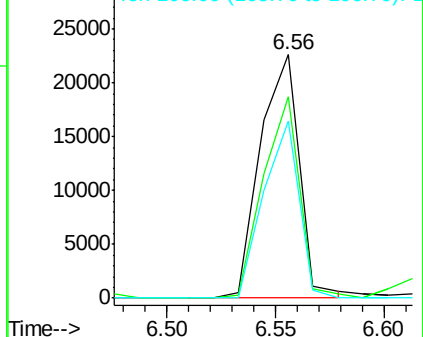
106 72.9 102.6 142.6#

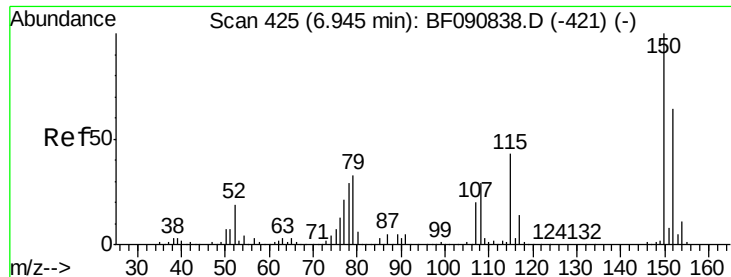


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

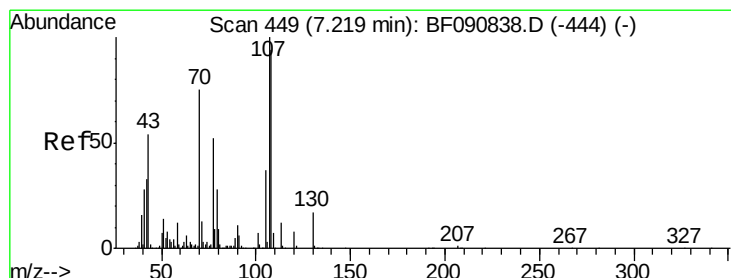
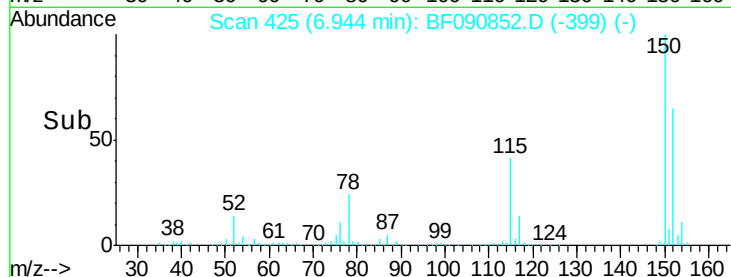
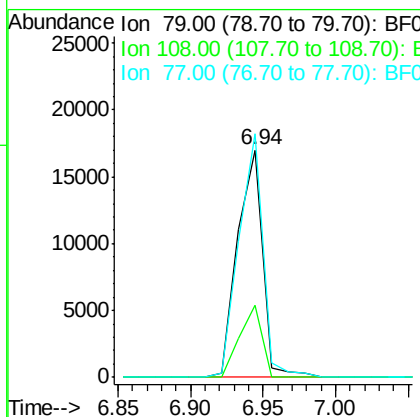
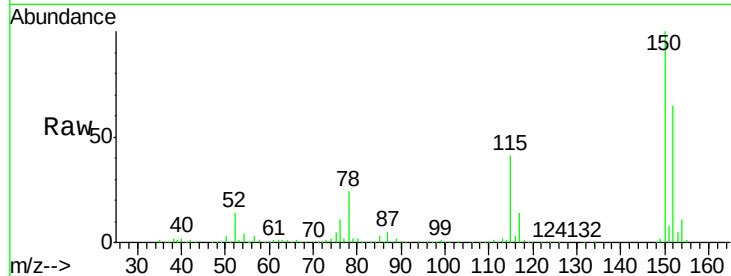




#15
Benzyl Alcohol
Concen: 2.31 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF090852.D
Acq: 26 Oct 2016 20:49

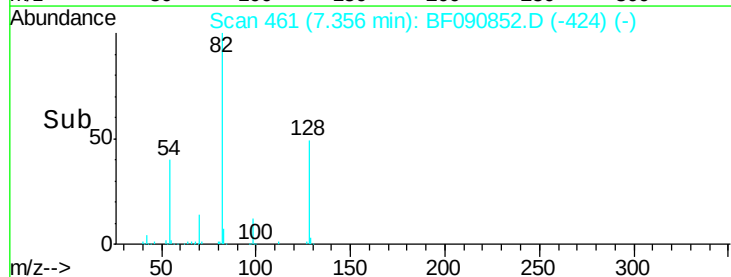
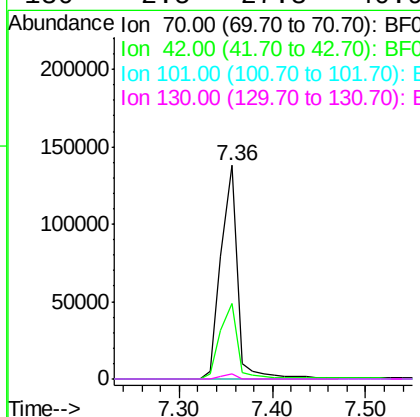
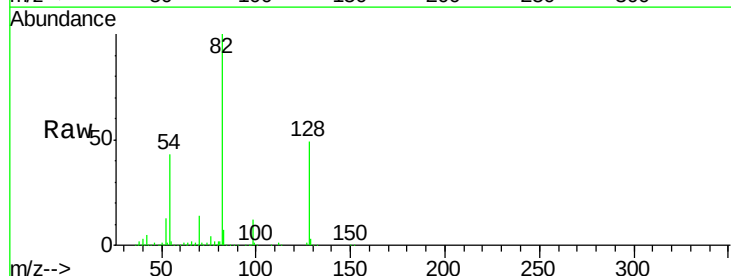
Instrument :
BNA_F
ClientSampleId :
DSN001

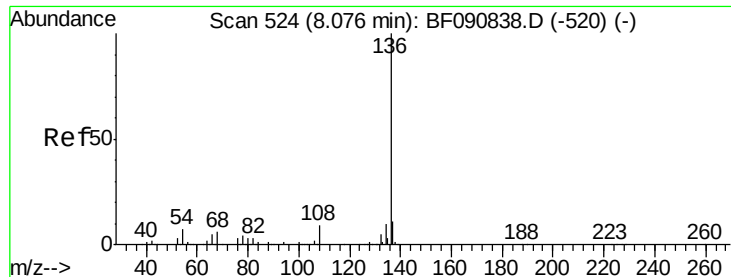
Tgt Ion: 79 Resp: 20505
Ion Ratio Lower Upper
79 100
108 31.8 88.6 132.8#
77 107.2 47.0 70.4#



#19
n-Nitroso-di-n-propylamine
Concen: 22.12 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.13 min
Lab File: BF090852.D
Acq: 26 Oct 2016 20:49

Tgt Ion: 70 Resp: 172824
Ion Ratio Lower Upper
70 100
42 35.1 63.8 95.6#
101 0.0 9.2 13.8#
130 2.5 27.3 40.9#

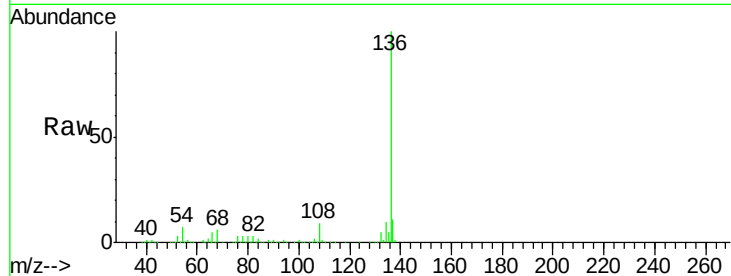




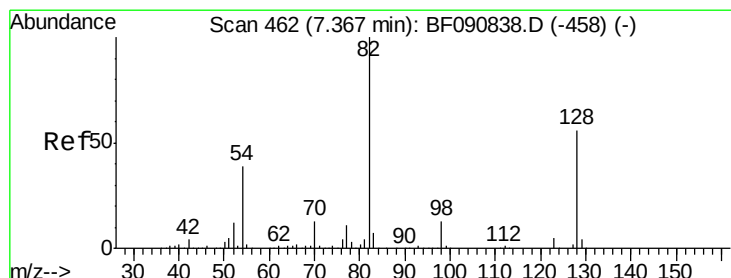
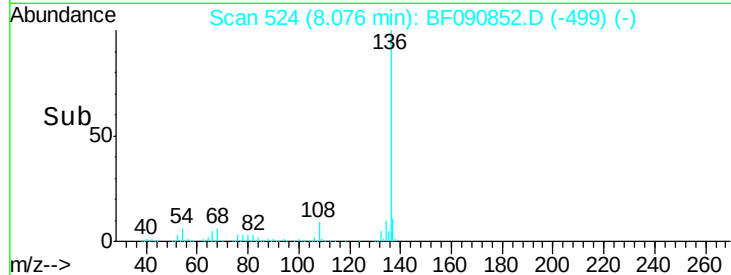
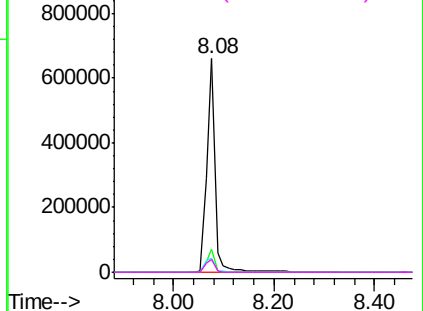
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF090852.D
Acq: 26 Oct 2016 20:49

Instrument :
BNA_F
ClientSampleId :
DSN001

Tgt Ion:	136	Resp:	753800
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	6.6	8.2	12.2#
68	5.9	5.8	8.6

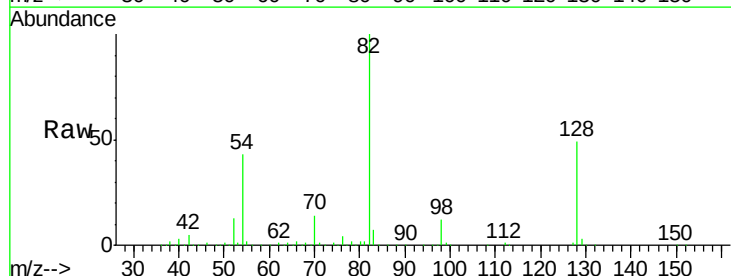


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

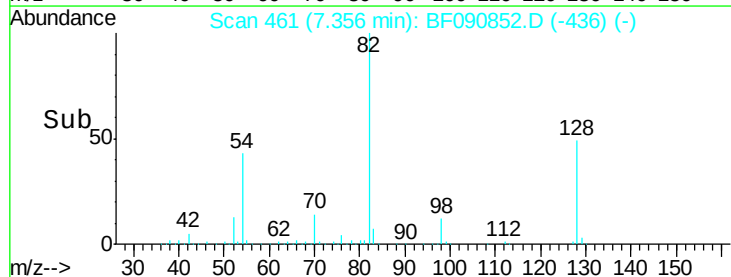
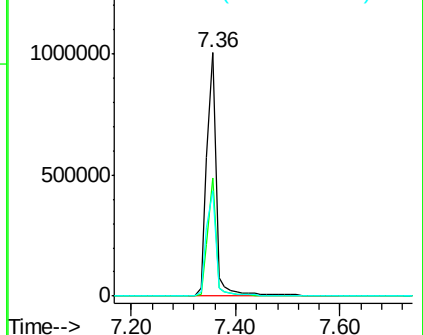


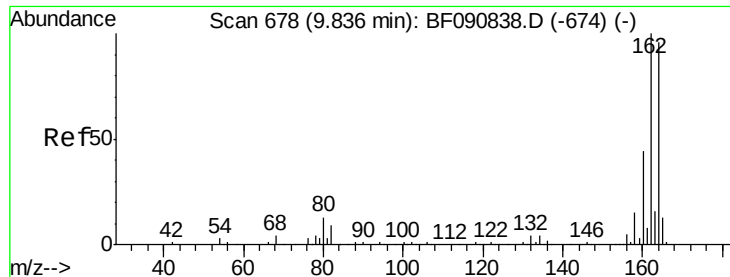
#23
Nitrobenzene-d5
Concen: 111.45 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF090852.D
Acq: 26 Oct 2016 20:49

Tgt Ion:	82	Resp:	1283296
Ion	Ratio	Lower	Upper
82	100		
128	48.7	51.0	76.6#
54	43.3	47.5	71.3#



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

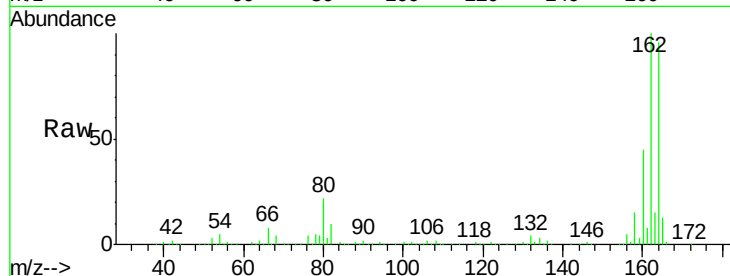




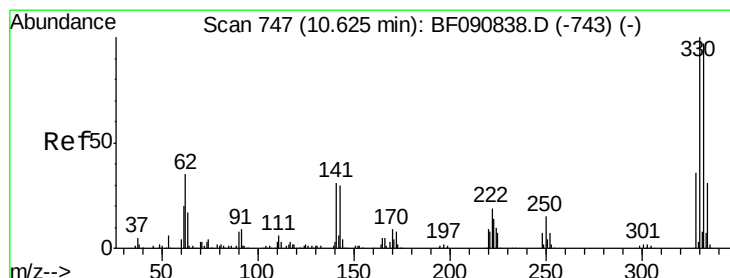
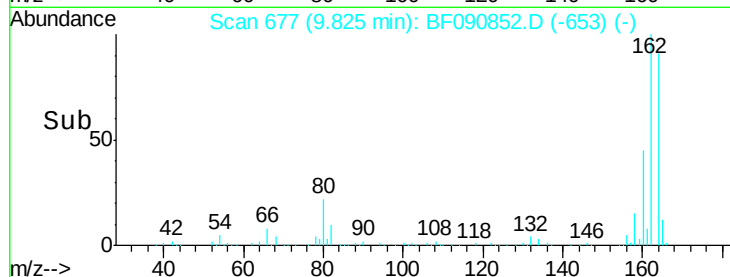
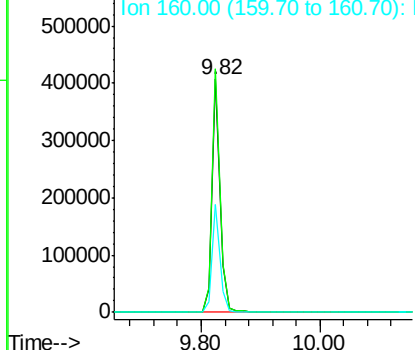
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF090852.D
Acq: 26 Oct 2016 20:49

Instrument :
BNA_F
ClientSampleId :
DSN001

Tgt Ion:164 Resp: 376510
Ion Ratio Lower Upper
164 100
162 104.5 75.2 112.8
160 46.5 31.5 47.3

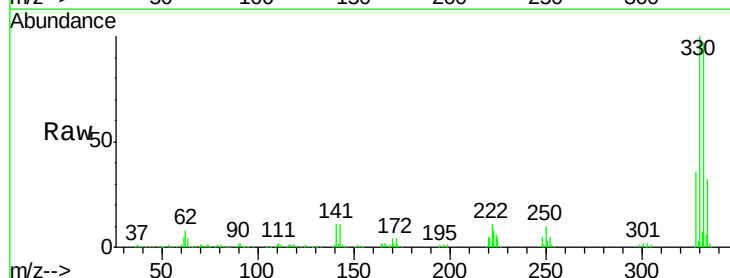


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

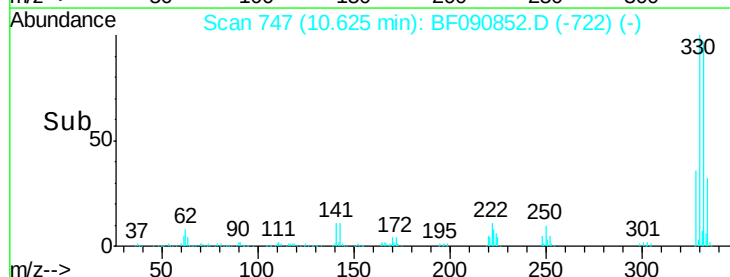
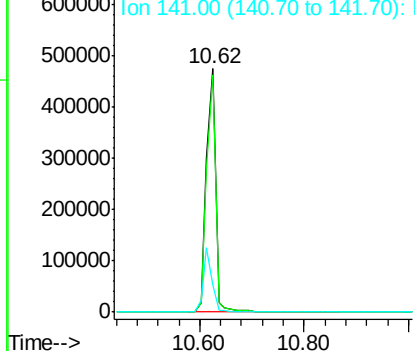


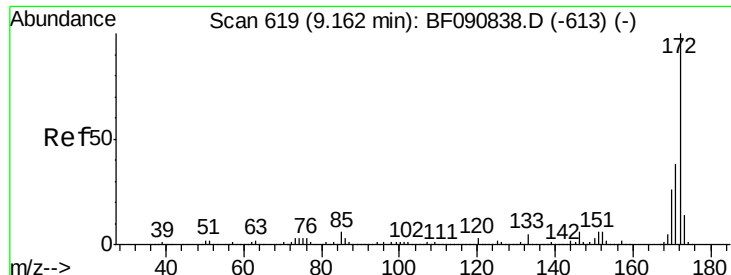
#41
2,4,6-Tribromophenol
Concen: 150.69 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF090852.D
Acq: 26 Oct 2016 20:49

Tgt Ion:330 Resp: 583056
Ion Ratio Lower Upper
330 100
332 95.7 76.6 114.8
141 25.7 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

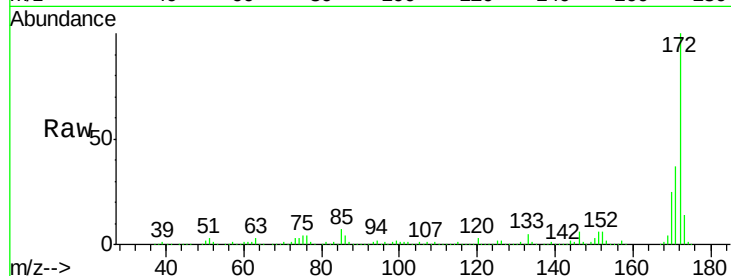




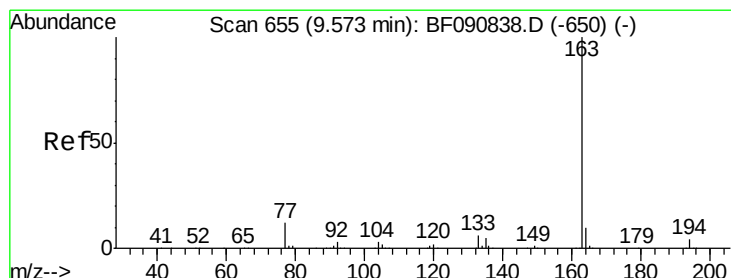
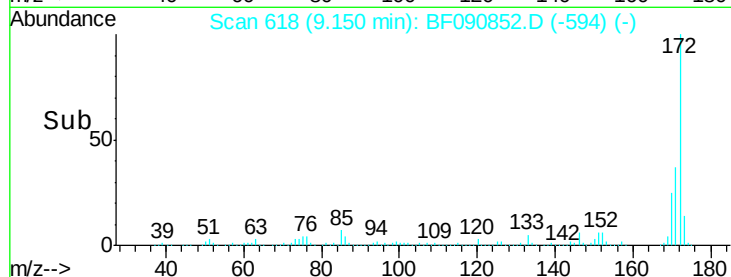
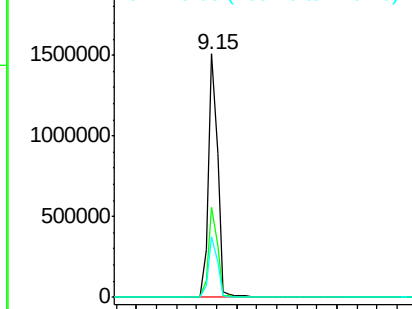
#44
2-Fluorobiphenyl
Concen: 90.78 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.02 min
Lab File: BF090852.D
Acq: 26 Oct 2016 20:49

Instrument :
BNA_F
ClientSampleId :
DSN001

Tgt Ion:172 Resp: 1946417
Ion Ratio Lower Upper
172 100
171 37.0 26.1 39.1
170 24.9 17.4 26.2

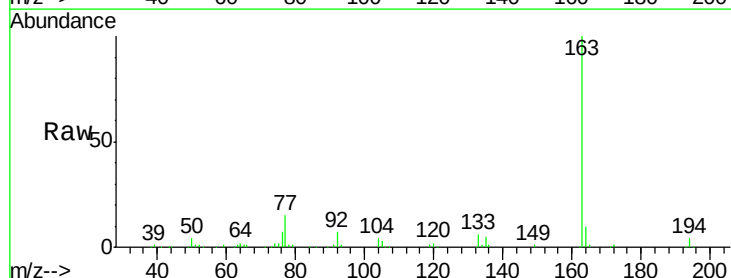


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

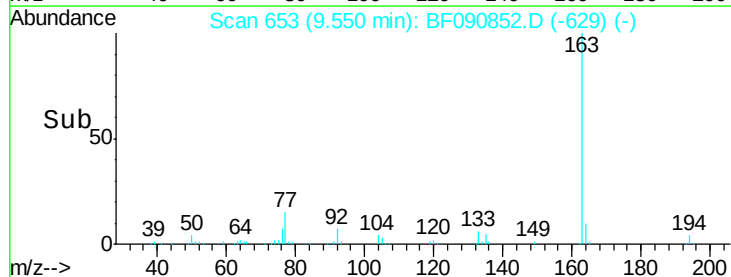
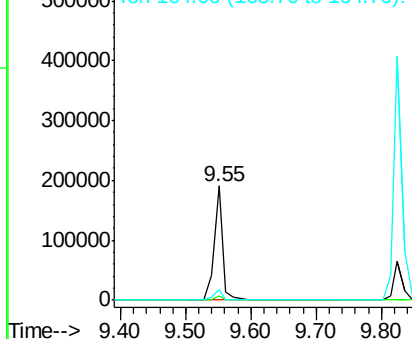


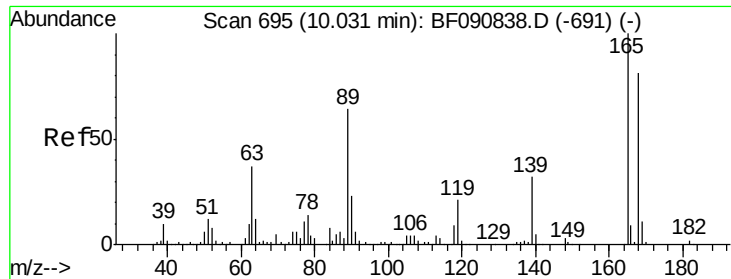
#49
Dimethylphthalate
Concen: 7.14 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF090852.D
Acq: 26 Oct 2016 20:49

Tgt Ion:163 Resp: 179698
Ion Ratio Lower Upper
163 100
194 3.6 4.4 6.6#
164 9.8 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

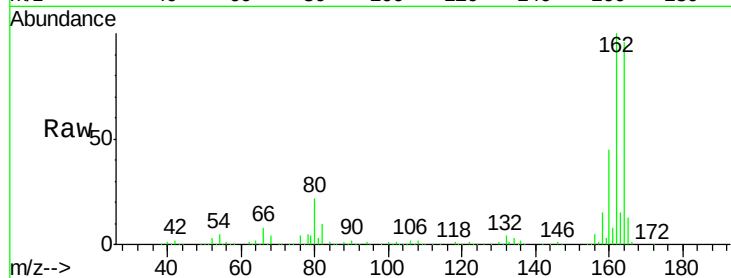




#56
 2,4-Dinitrotoluene
 Concen: 7.06 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.22 min
 Lab File: BF090852.D
 Acq: 26 Oct 2016 20:49

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tgt Ion:	165	Resp:	48727
Ion Ratio	Lower	Upper	
165	100		
63	1.0	29.8	44.6#
89	0.7	44.5	66.7#
182	0.0	3.0	4.4#

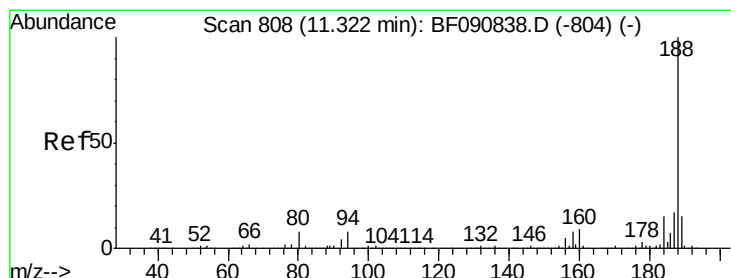
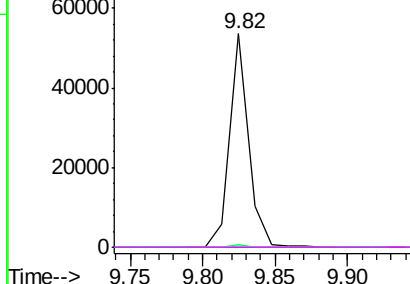
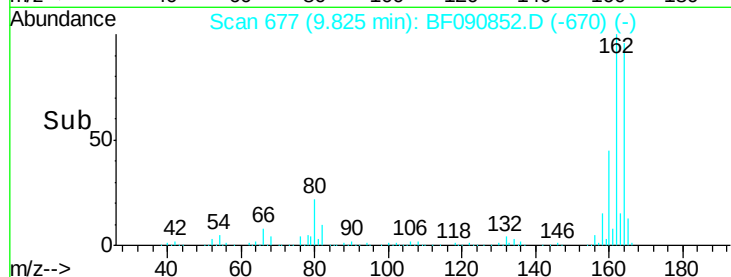


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

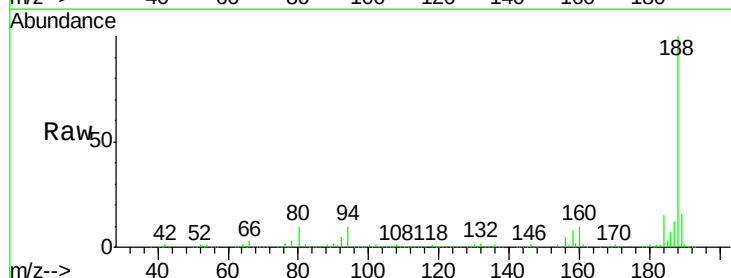
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF090852.D
 Acq: 26 Oct 2016 20:49

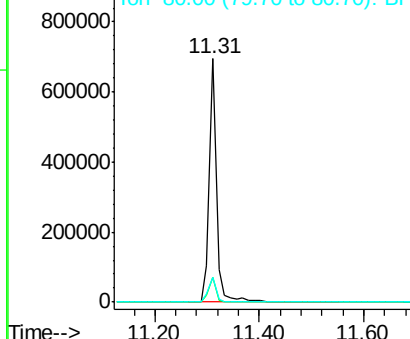
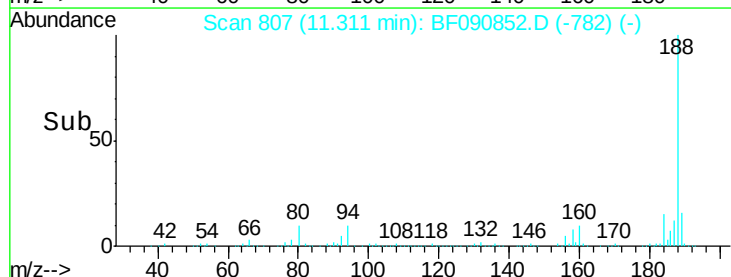
Tgt Ion:	188	Resp:	667612
Ion Ratio	Lower	Upper	
188	100		
94	10.1	11.1	16.7#
80	10.3	11.0	16.4#

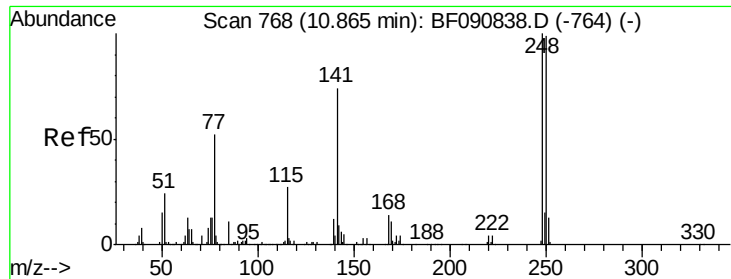


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

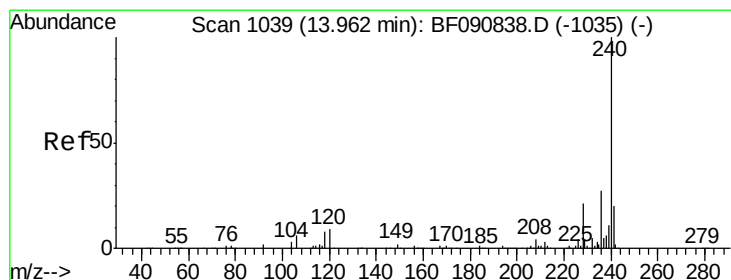
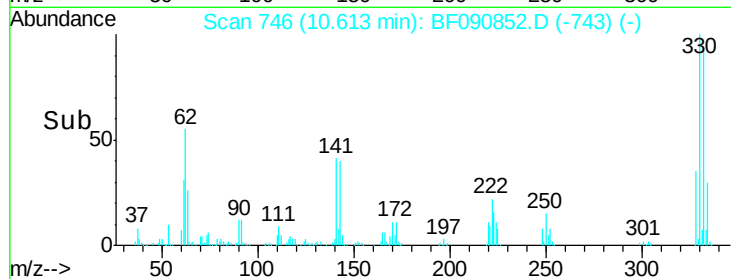
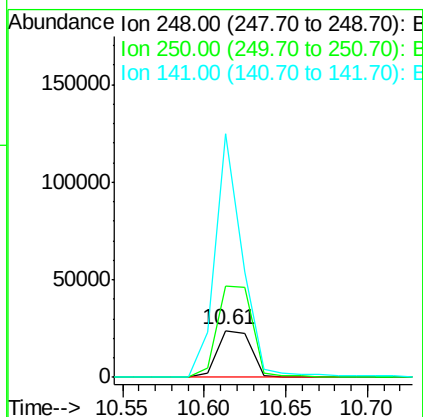
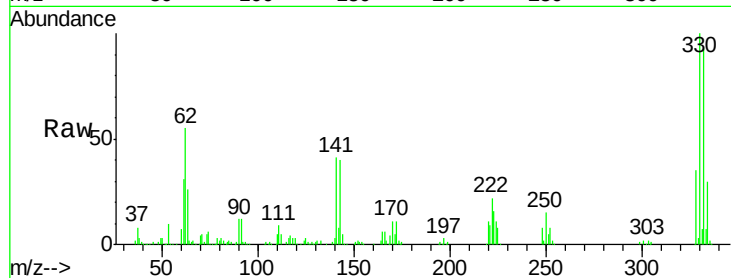




#66
4-Bromophenyl-phenylether
Concen: 4.78 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.26 min
Lab File: BF090852.D
Acq: 26 Oct 2016 20:49

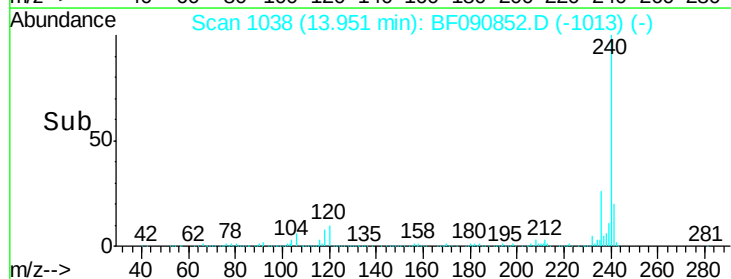
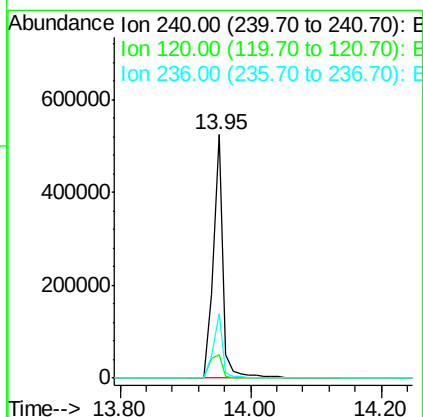
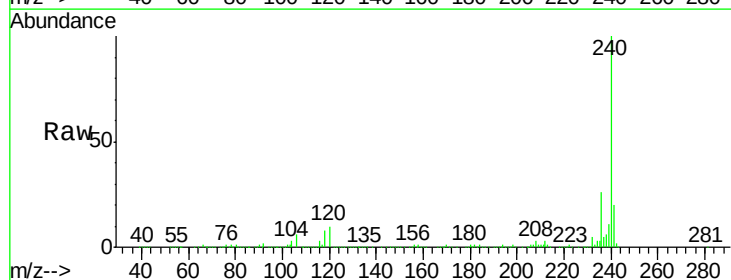
Instrument :
BNA_F
ClientSampleId :
DSN001

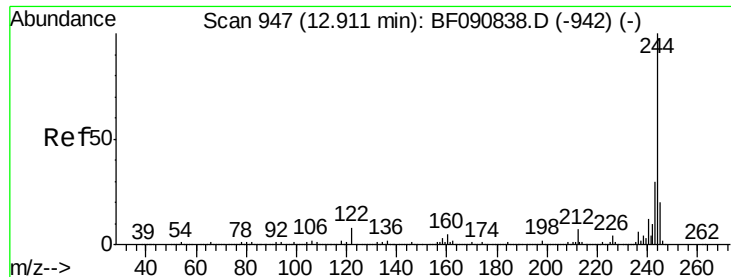
Tgt Ion:248 Resp: 34978
Ion Ratio Lower Upper
248 100
250 193.1 78.5 117.7#
141 517.3 59.0 88.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF090852.D
Acq: 26 Oct 2016 20:49

Tgt Ion:240 Resp: 561825
Ion Ratio Lower Upper
240 100
120 9.8 16.2 24.2#
236 26.4 18.4 27.6





#78

Terphenyl-d14

Concen: 82.83 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF090852.D

Acq: 26 Oct 2016 20:49

Instrument :

BNA_F

ClientSampleId :

DSN001

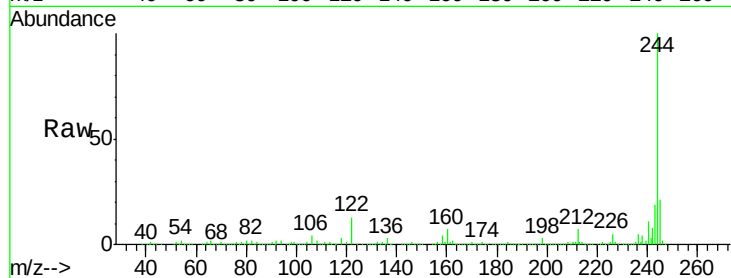
Tgt Ion:244 Resp: 1847117

Ion Ratio Lower Upper

244 100

212 7.2 4.3 6.5#

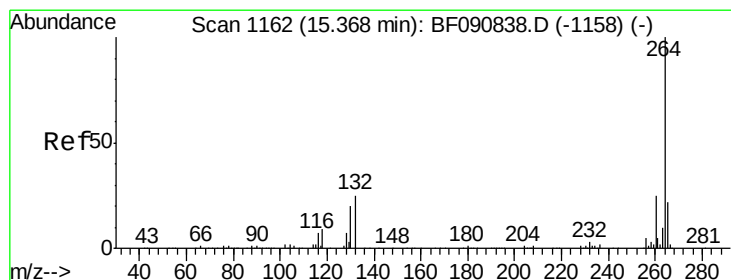
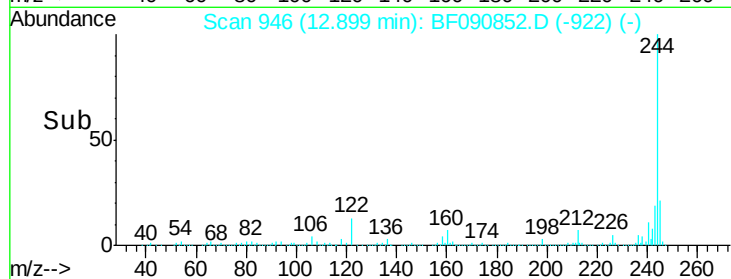
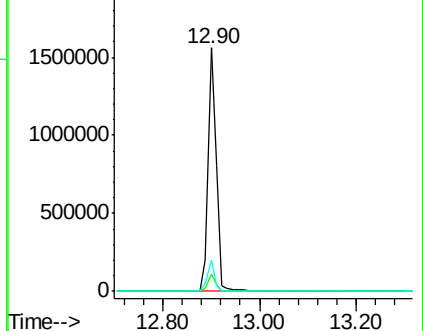
122 12.9 17.4 26.2#



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: 15.36 min Scan# 1161

Delta R.T. -0.02 min

Lab File: BF090852.D

Acq: 26 Oct 2016 20:49

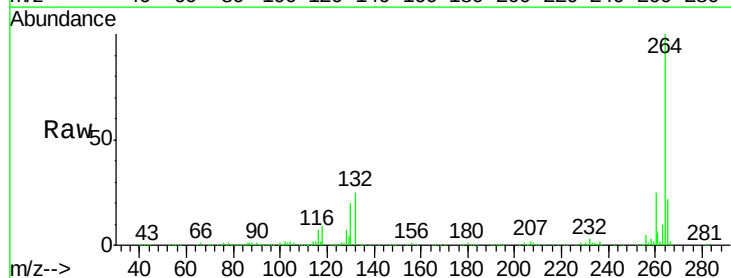
Tgt Ion:264 Resp: 411919

Ion Ratio Lower Upper

264 100

260 24.8 16.7 25.1

265 22.3 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

