

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091616\
 Data File : BF090117.D
 Acq On : 16 Sep 2016 20:22
 Operator : UM/SJ
 Sample : H4813-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-14-15

Quant Time: Sep 16 22:59:25 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 11:18:43 2016
 Response via : Initial Calibration

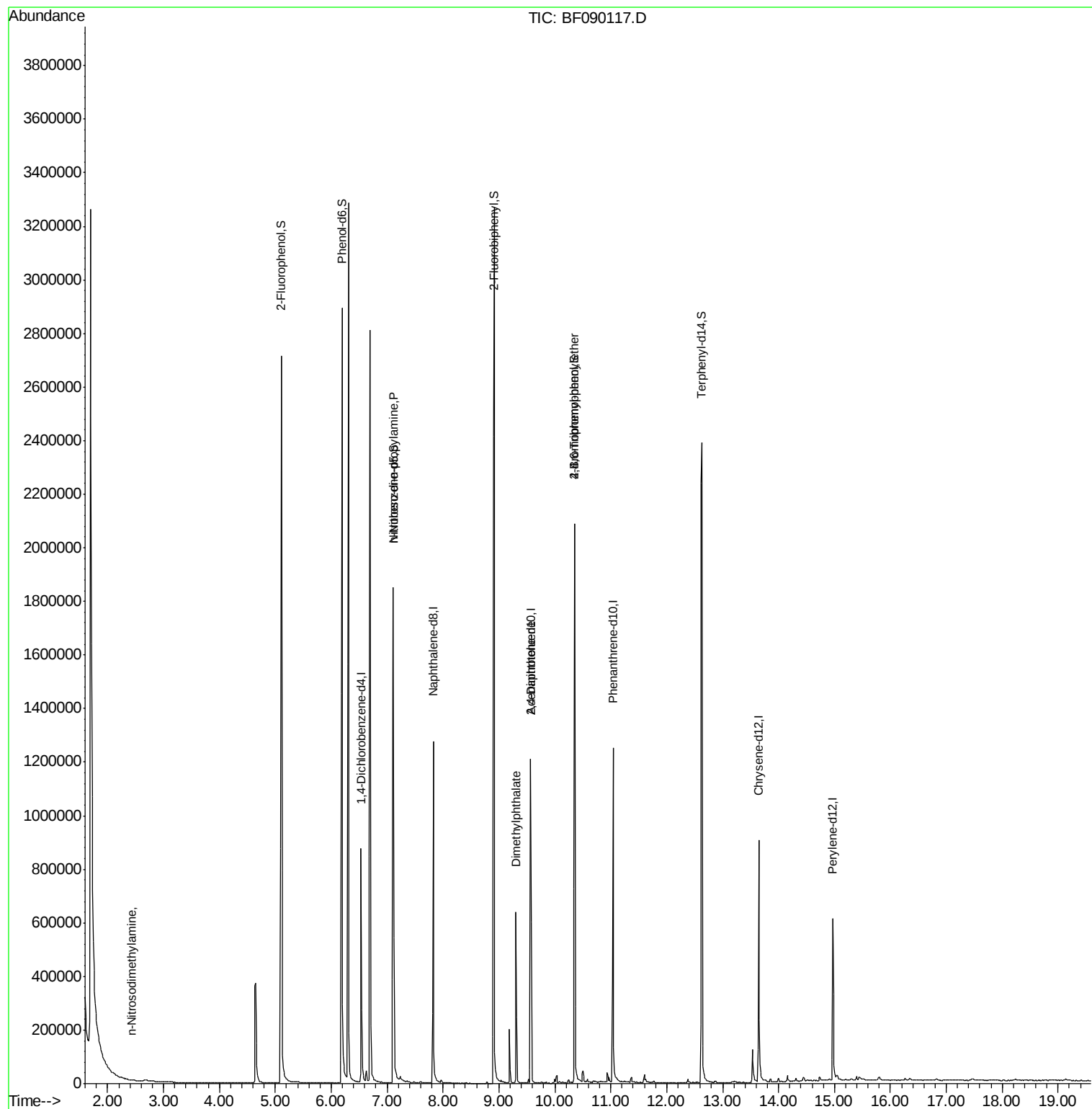
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	155135	20.00	ng	-0.01
21) Naphthalene-d8	7.83	136	639610	20.00	ng	-0.01
38) Acenaphthene-d10	9.56	164	319688	20.00	ng	-0.02
63) Phenanthrene-d10	11.04	188	523067	20.00	ng	-0.01
75) Chrysene-d12	13.65	240	363312	20.00	ng	-0.02
86) Perylene-d12	14.97	264	291144	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	1073002	111.24	ng	-0.01
7) Phenol-d6	6.19	99	1452488	115.02	ng	-0.01
23) Nitrobenzene-d5	7.11	82	816130	71.74	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	292310	91.03	ng	-0.02
44) 2-Fluorobiphenyl	8.91	172	1511561	74.26	ng	-0.01
78) Terphenyl-d14	12.63	244	1206713	78.88	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	2.43	42	215	3.14	ng	# 1
19) n-Nitroso-di-n-propylamine	7.11	70	99041	12.62	ng	# 79
49) Dimethylphthalate	9.30	163	305858	12.88	ng	98
56) 2,4-Dinitrotoluene	9.56	165	40812	6.31	ng	# 15
66) 4-Bromophenyl-phenylether	10.35	248	17436	3.46	ng	# 1

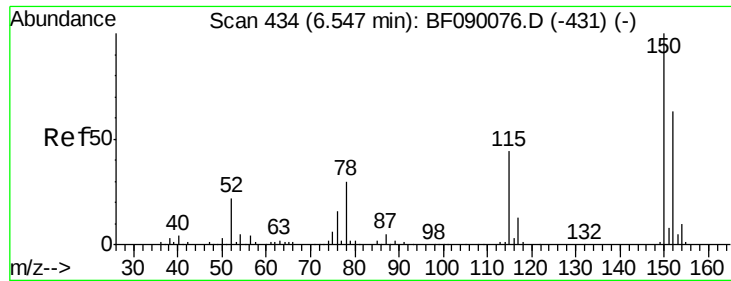
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 15 11:18:43 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF090117.D

Acq: 16 Sep 2016 20:22

Instrument :

BNA_F

ClientSampleId :

SB-6-14-15

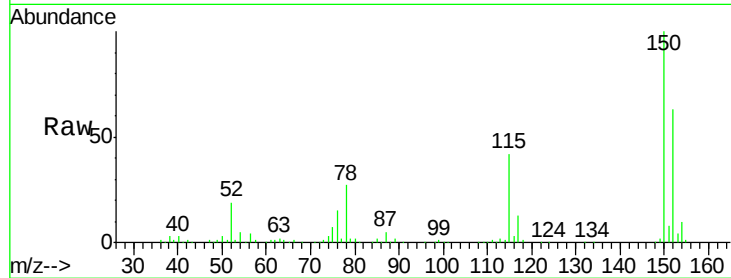
Tgt Ion:152 Resp: 155135

Ion Ratio Lower Upper

152 100

150 159.6 128.9 193.3

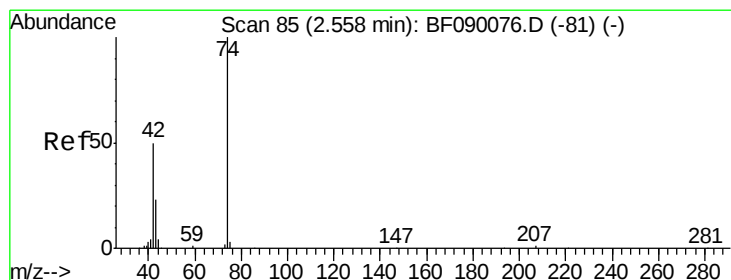
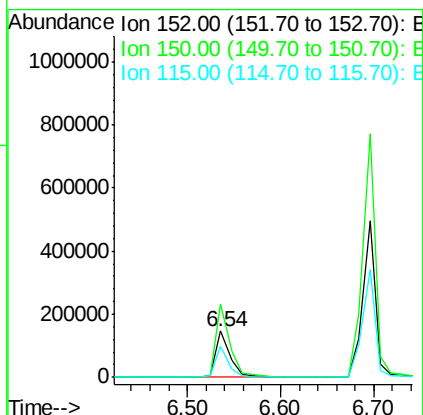
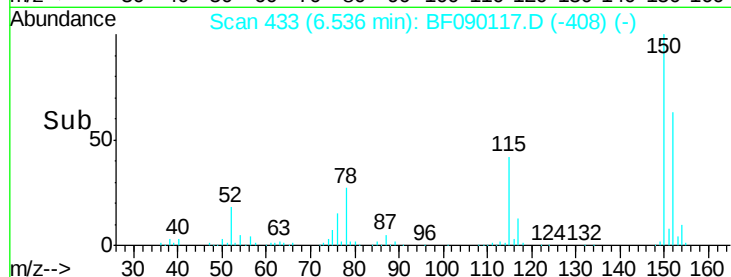
115 67.0 55.5 83.3



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



#4

n-Nitrosodimethylamine

Concen: 3.14 ng

RT: 2.43 min Scan# 74

Delta R.T. -0.13 min

Lab File: BF090117.D

Acq: 16 Sep 2016 20:22

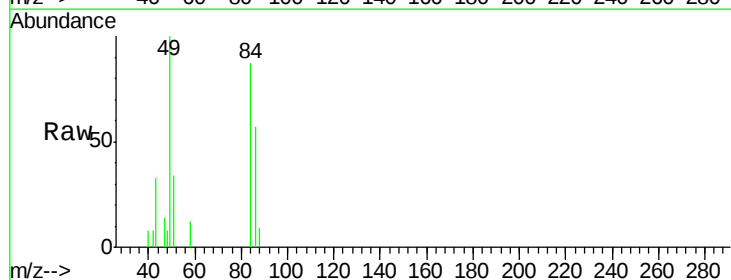
Tgt Ion: 42 Resp: 215

Ion Ratio Lower Upper

42 100

74 0.0 158.7 238.1#

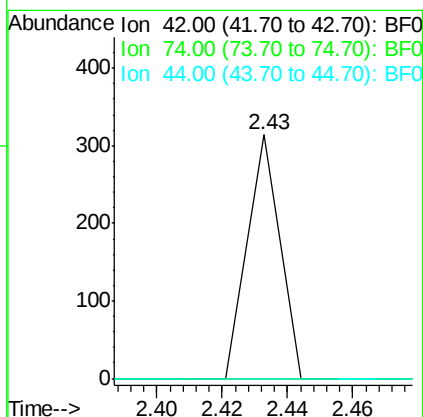
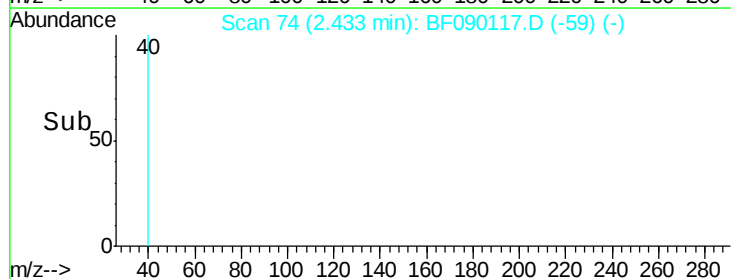
44 0.0 6.4 9.6#

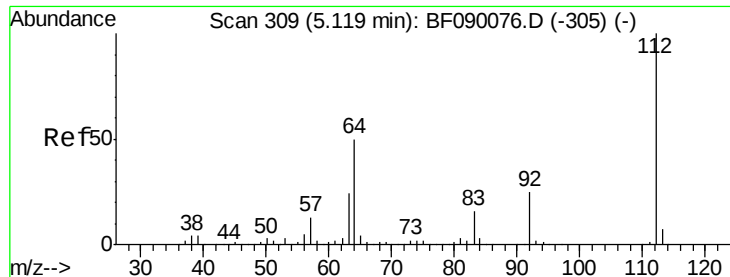


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 111.24 ng

RT: 5.11 min Scan# 308

Delta R.T. -0.01 min

Lab File: BF090117.D

Acq: 16 Sep 2016 20:22

Instrument :

BNA_F

ClientSampleId :

SB-6-14-15

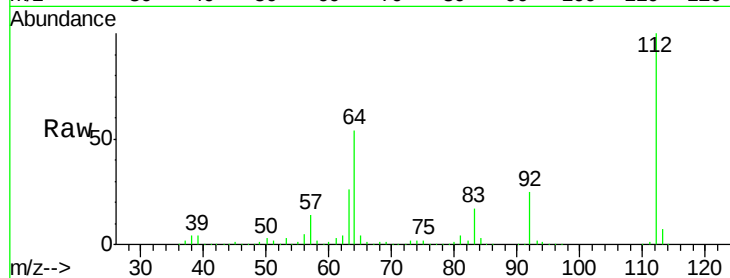
Tgt Ion: 112 Resp: 1073002

Ion Ratio Lower Upper

112 100

64 54.1 39.8 59.6

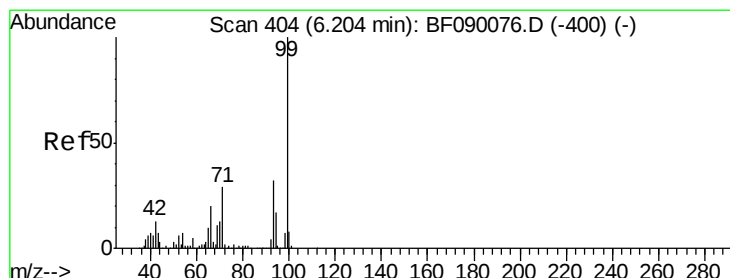
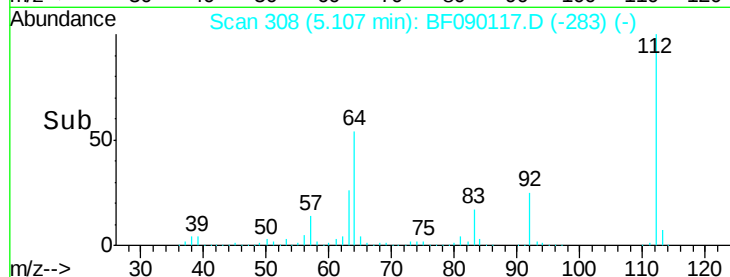
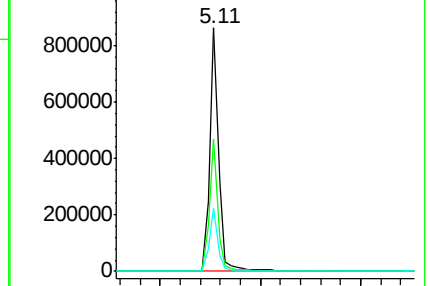
63 26.2 18.9 28.3



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: 115.02 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF090117.D

Acq: 16 Sep 2016 20:22

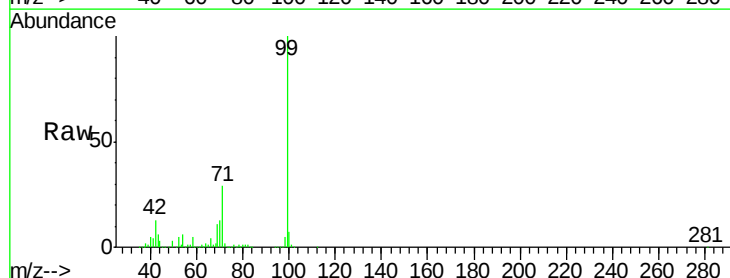
Tgt Ion: 99 Resp: 1452488

Ion Ratio Lower Upper

99 100

42 12.6 10.6 15.8

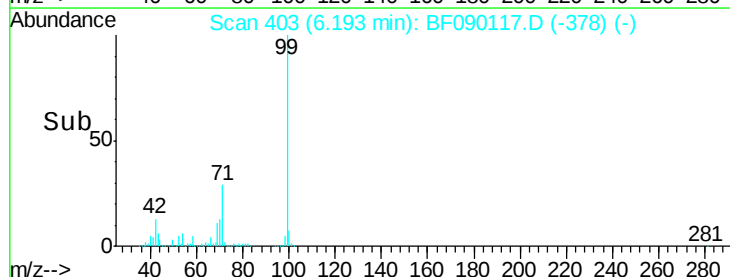
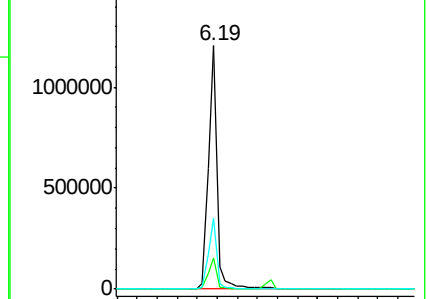
71 28.9 23.0 34.6

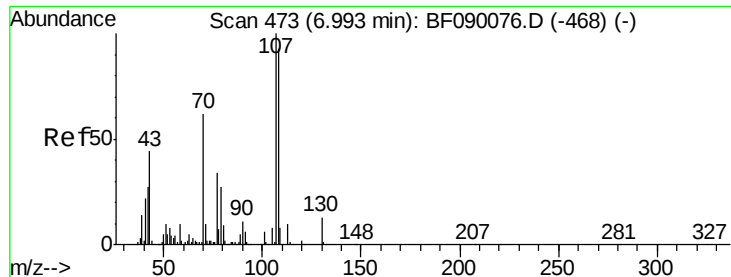


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

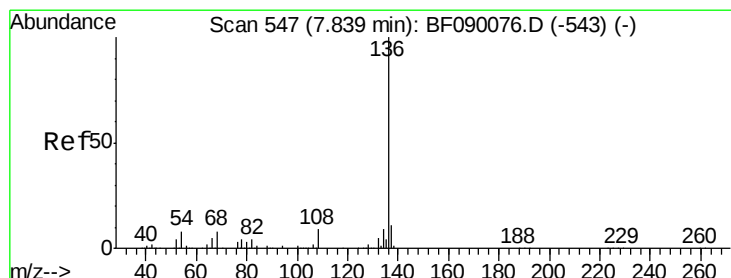
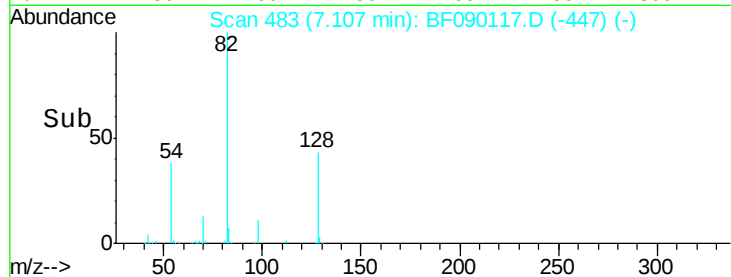
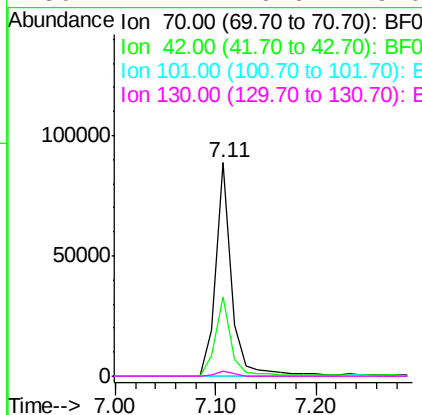
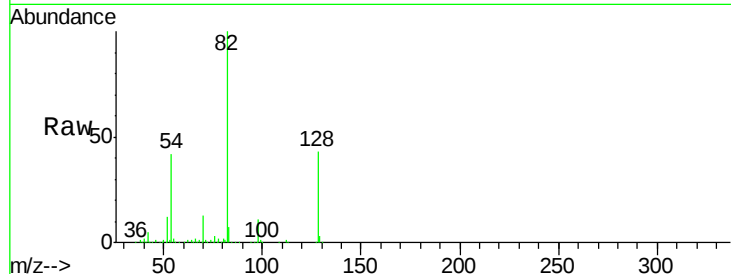




#19
n-Nitroso-di-n-propylamine
Concen: 12.62 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.11 min
Lab File: BF090117.D
Acq: 16 Sep 2016 20:22

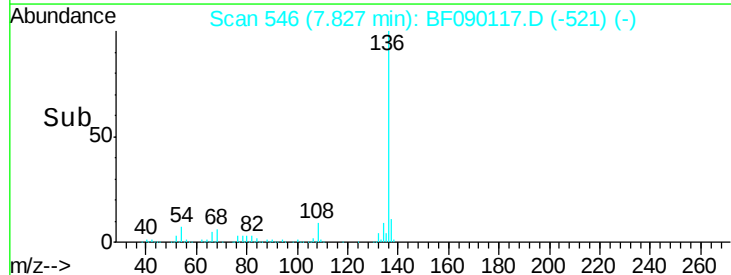
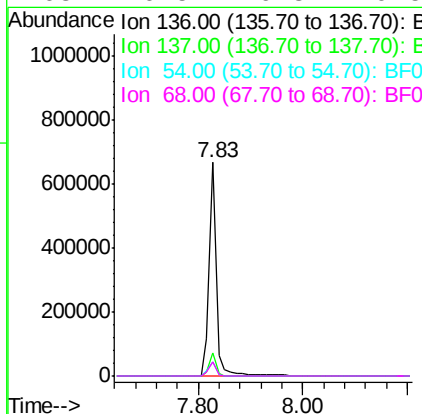
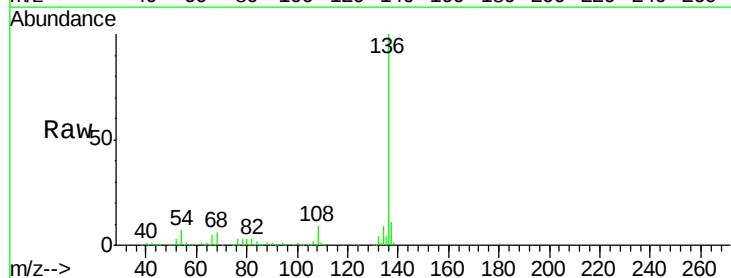
Instrument :
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SB-6-14-15

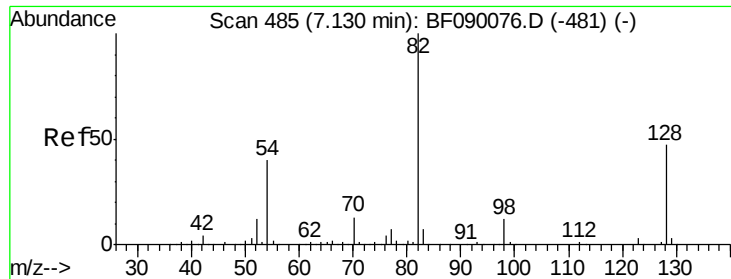
Tgt Ion: 70 Resp: 99041
Ion Ratio Lower Upper
70 100
42 37.3 35.1 52.7
101 0.0 7.5 11.3#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF090117.D
Acq: 16 Sep 2016 20:22

Tgt Ion: 136 Resp: 639610
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 6.6 6.4 9.6
68 6.5 6.3 9.5

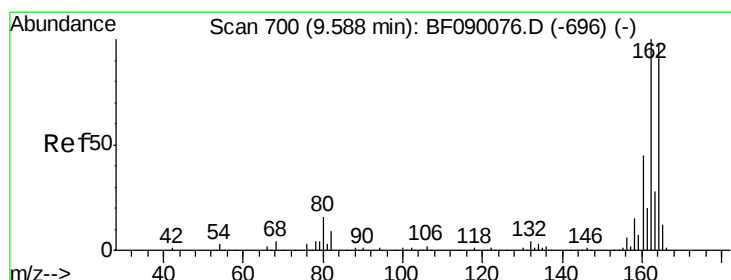
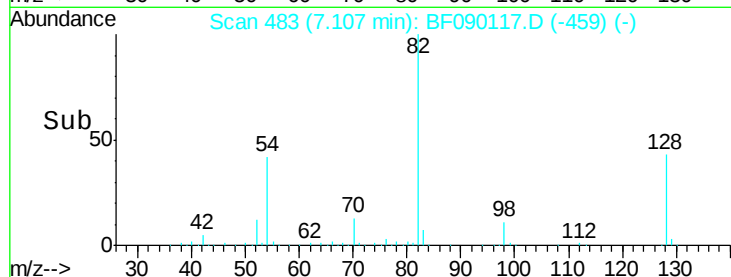
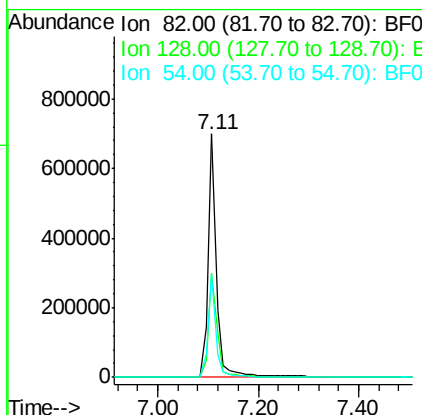
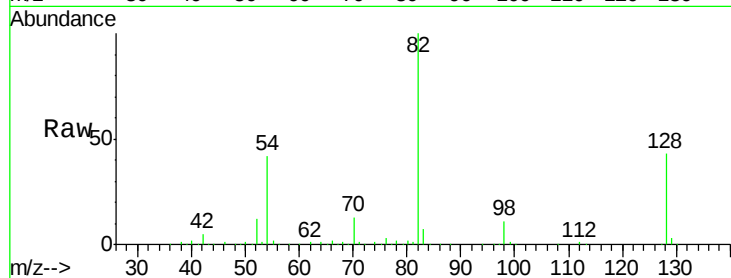




#23
 Nitrobenzene-d5
 Concen: 71.74 ng
 RT: 7.11 min Scan# 483
 Delta R.T. -0.02 min
 Lab File: BF090117.D
 Acq: 16 Sep 2016 20:22

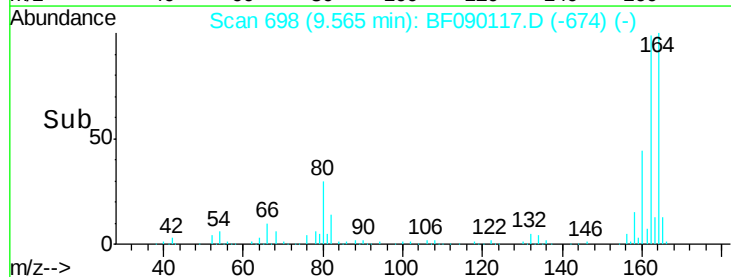
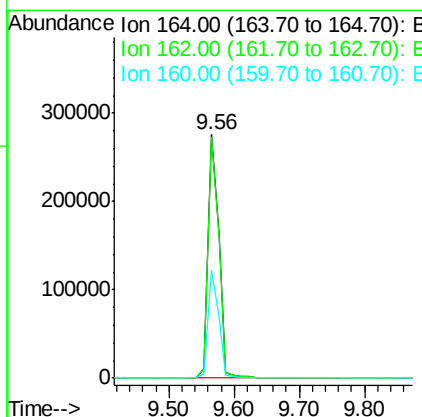
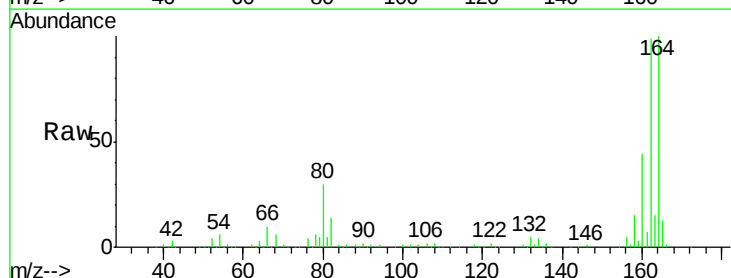
Instrument :
 BNA_F
 ClientSampleId :
 SB-6-14-15

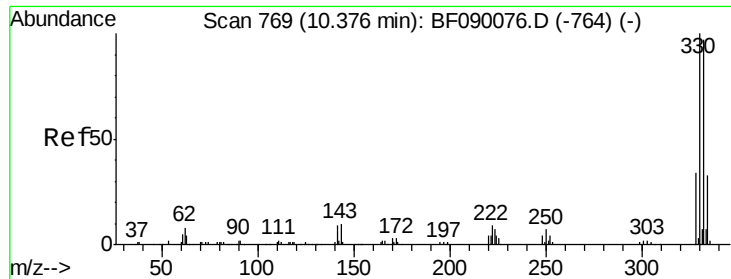
Tgt Ion: 82 Resp: 816130
 Ion Ratio Lower Upper
 82 100
 128 42.6 37.5 56.3
 54 42.0 31.9 47.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.02 min
 Lab File: BF090117.D
 Acq: 16 Sep 2016 20:22

Tgt Ion: 164 Resp: 319688
 Ion Ratio Lower Upper
 164 100
 162 99.2 81.4 122.2
 160 44.4 36.6 54.8

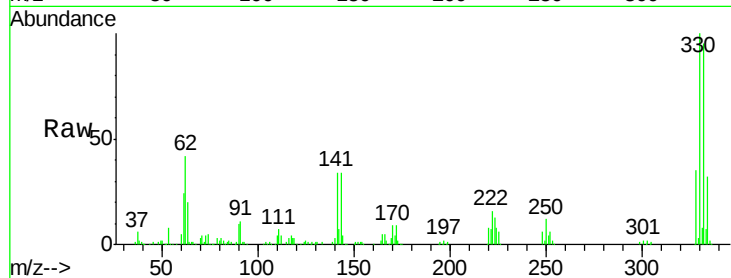




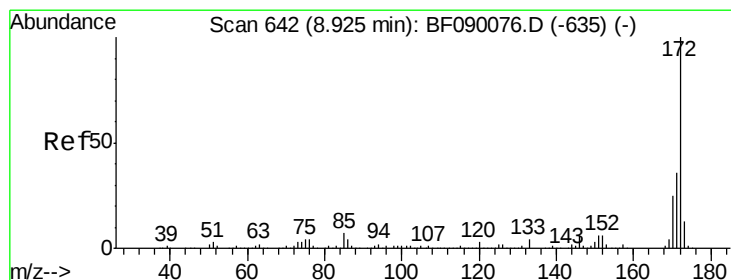
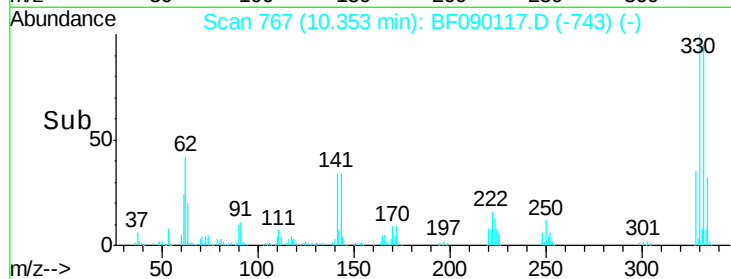
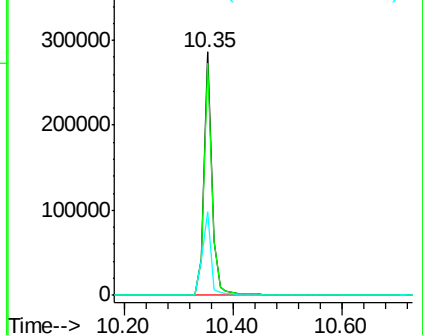
#41
 2,4,6-Tribromophenol
 Concen: 91.03 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF090117.D
 Acq: 16 Sep 2016 20:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-14-15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.1	117.1
141	36.9	23.9	35.9#

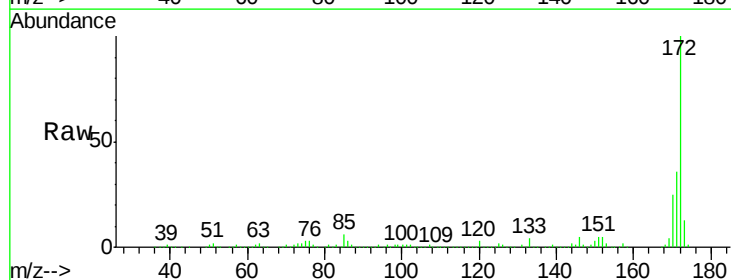


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

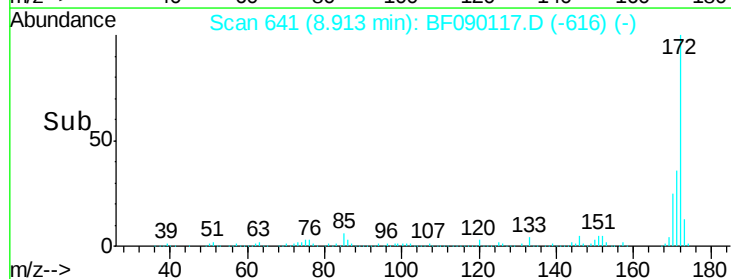
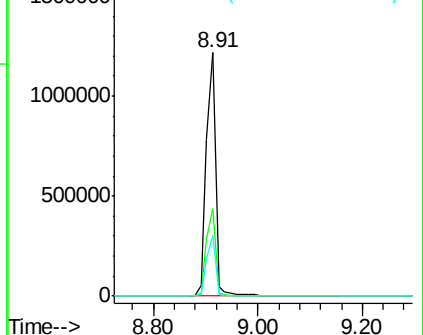


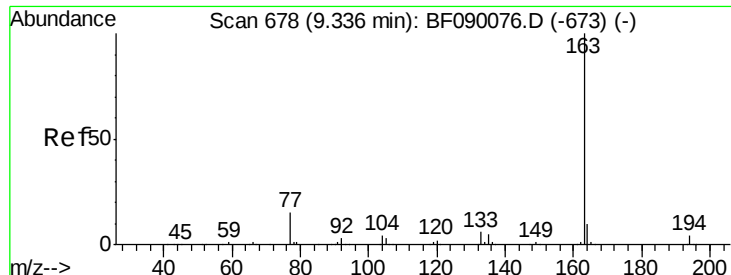
#44
 2-Fluorobiphenyl
 Concen: 74.26 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF090117.D
 Acq: 16 Sep 2016 20:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	24.7	19.8	29.8



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

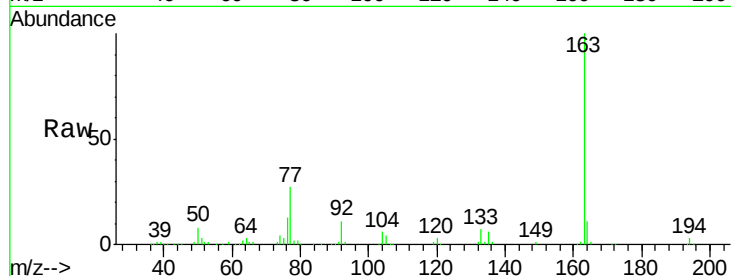




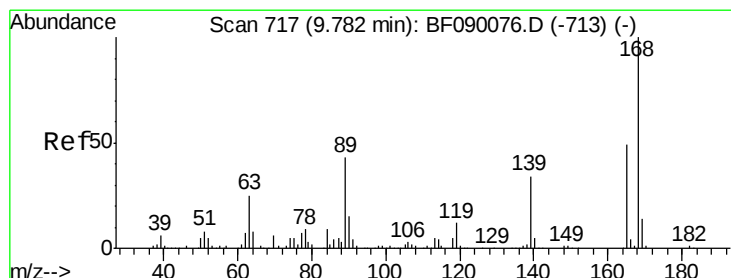
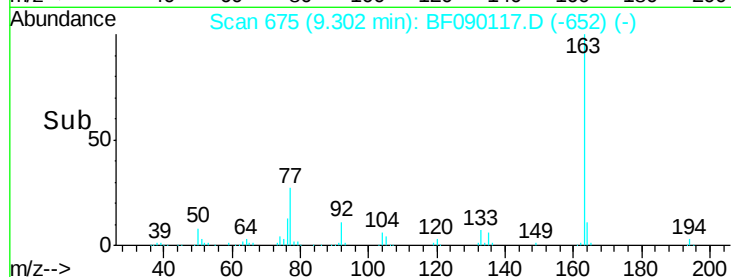
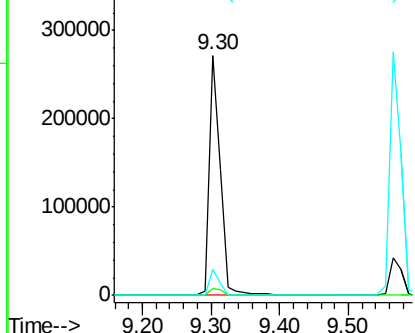
#49
Dimethylphthalate
Concen: 12.88 ng
RT: 9.30 min Scan# 675
Delta R.T. -0.03 min
Lab File: BF090117.D
Acq: 16 Sep 2016 20:22

Instrument :
BNA_F
ClientSampleId :
SB-6-14-15

Tgt Ion:163 Resp: 305858
Ion Ratio Lower Upper
163 100
194 2.8 2.8 4.2
164 10.9 8.1 12.1

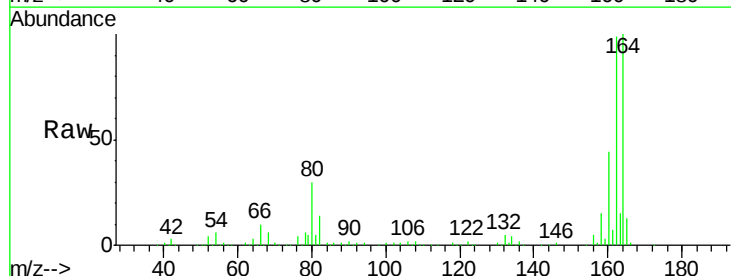


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

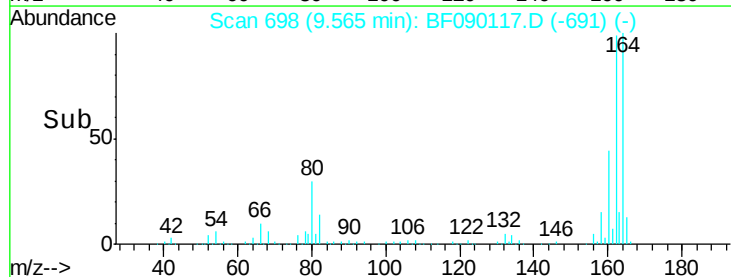
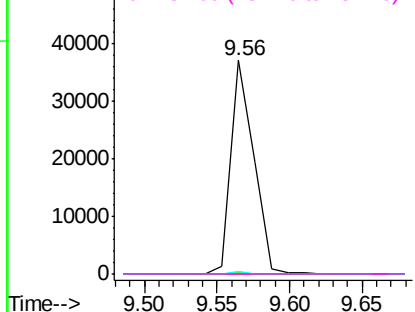


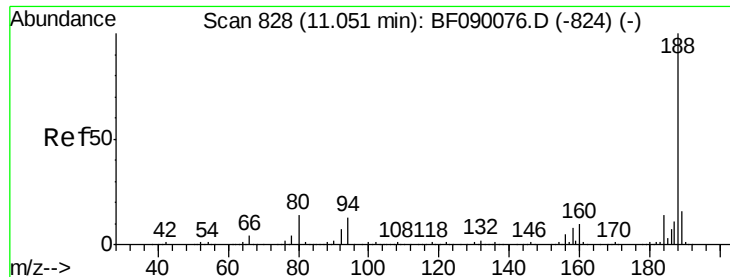
#56
2,4-Dinitrotoluene
Concen: 6.31 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.22 min
Lab File: BF090117.D
Acq: 16 Sep 2016 20:22

Tgt Ion:165 Resp: 40812
Ion Ratio Lower Upper
165 100
63 0.8 44.4 66.6#
89 1.0 70.1 105.1#
182 0.0 1.7 2.5#



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

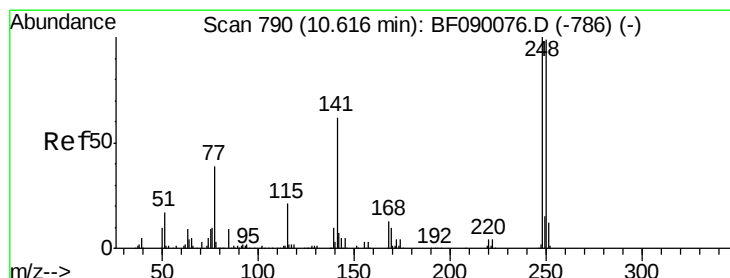
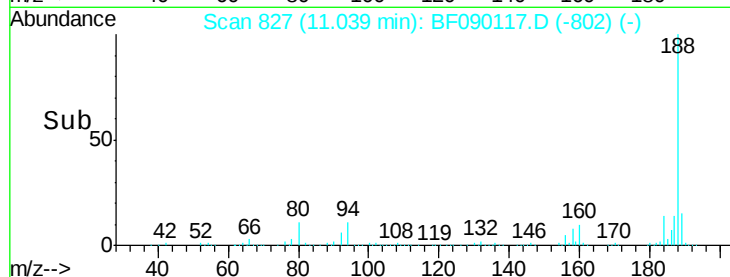
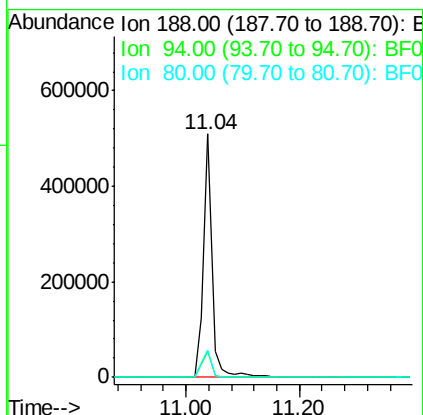
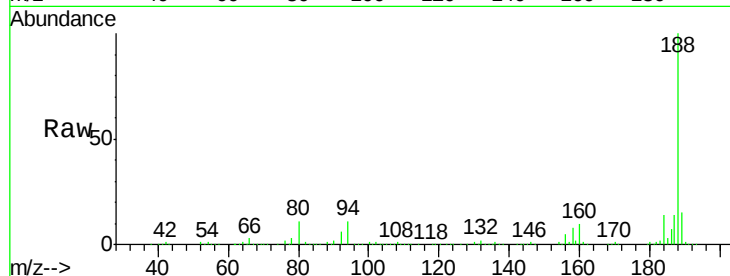




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.04 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF090117.D
 Acq: 16 Sep 2016 20:22

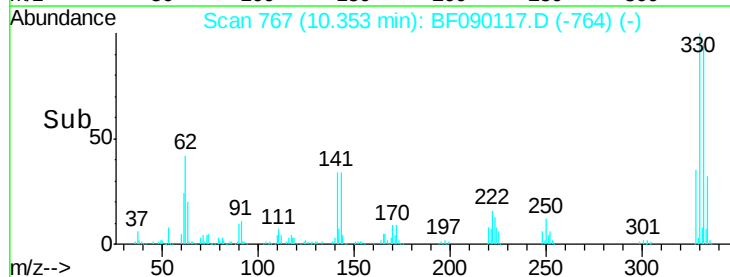
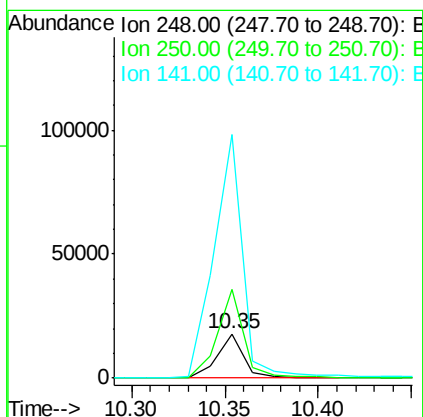
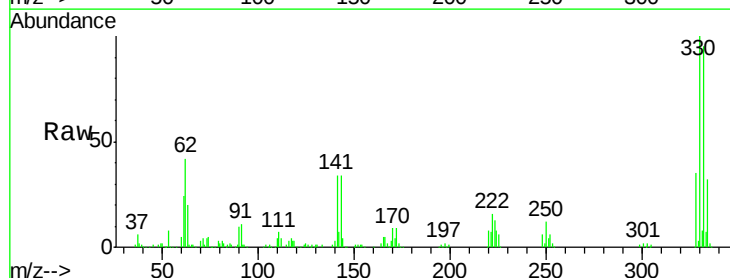
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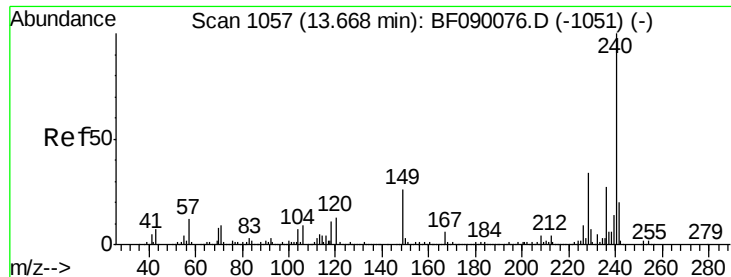
Tgt Ion:188 Resp: 523067
 Ion Ratio Lower Upper
 188 100
 94 10.7 10.5 15.7
 80 11.0 11.2 16.8#



#66
 4-Bromophenyl-phenylether
 Concen: 3.46 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.26 min
 Lab File: BF090117.D
 Acq: 16 Sep 2016 20:22

Tgt Ion:248 Resp: 17436
 Ion Ratio Lower Upper
 248 100
 250 198.6 79.4 119.2#
 141 548.5 49.3 73.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.65 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF090117.D

Acq: 16 Sep 2016 20:22

Instrument :

BNA_F

ClientSampleId :

SB-6-14-15

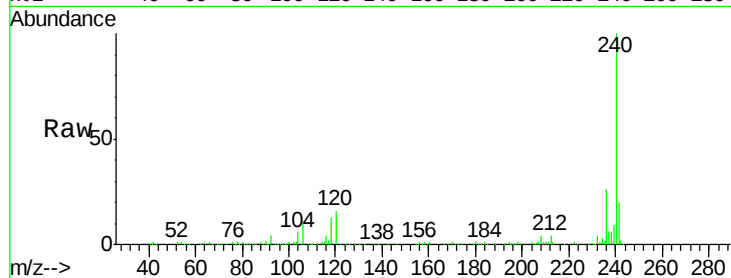
Tgt Ion:240 Resp: 363312

Ion Ratio Lower Upper

240 100

120 16.0 10.6 16.0#

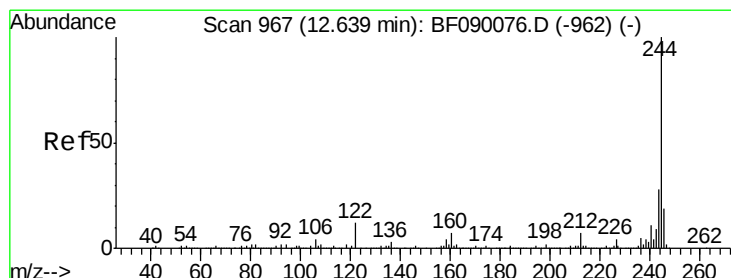
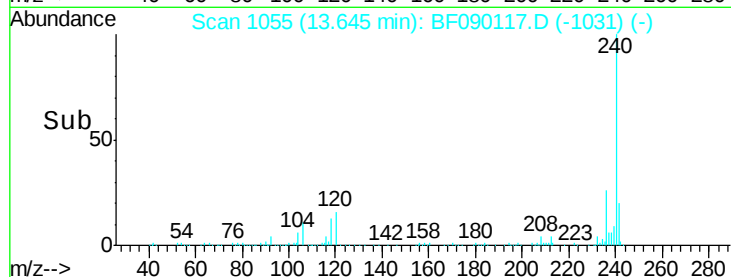
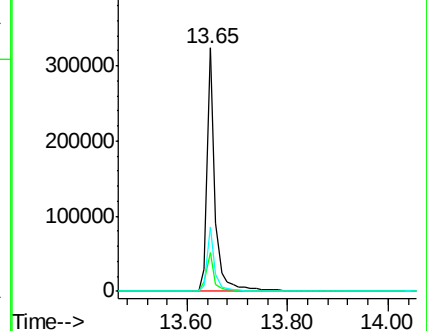
236 26.3 21.6 32.4



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: 78.88 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF090117.D

Acq: 16 Sep 2016 20:22

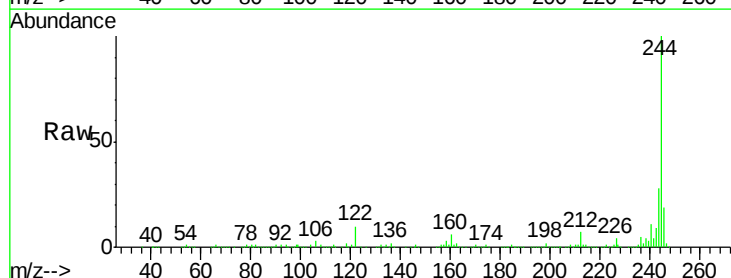
Tgt Ion:244 Resp: 1206713

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

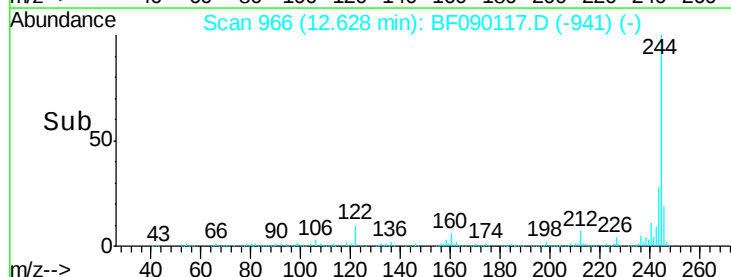
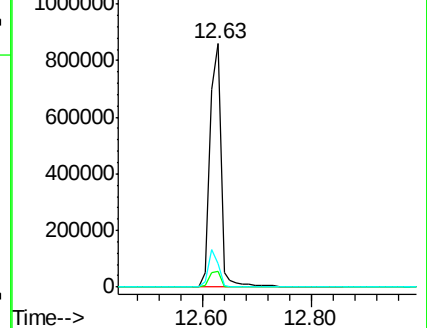
122 9.7 9.4 14.0

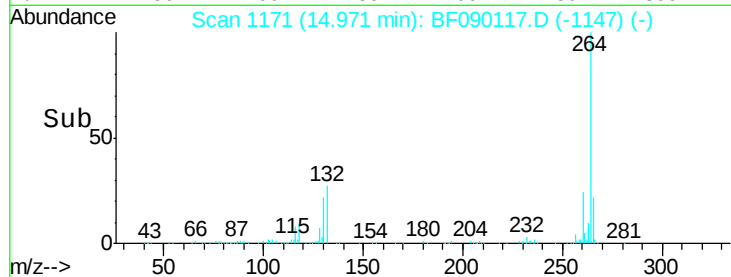
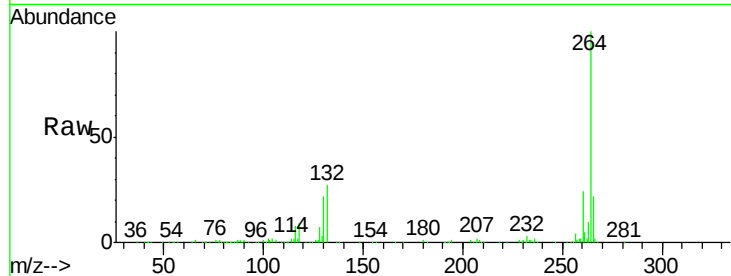
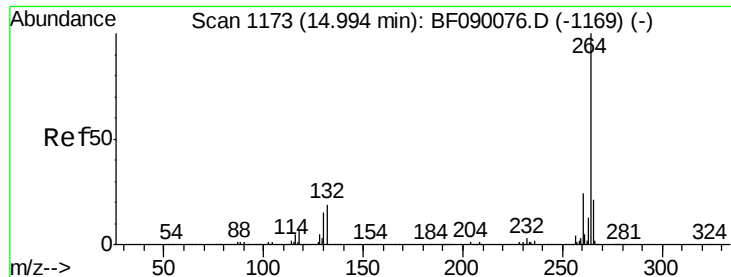


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.97 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BF090117.D
Acq: 16 Sep 2016 20:22

Instrument :
BNA_F
ClientSampleId :
SB-6-14-15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.9	17.0	25.4

