

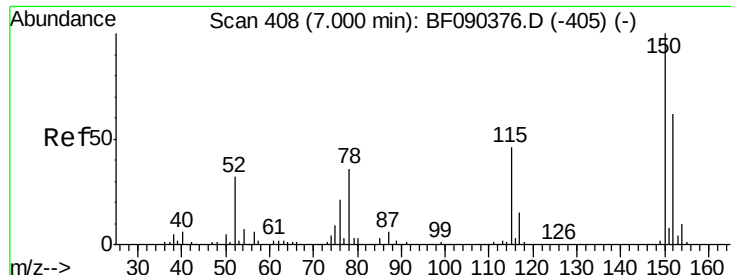
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090453.D
 Acq On : 7 Oct 2016 19:40
 Operator : UM/SJ
 Sample : H5133-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-001-D

Quant Time: Oct 07 23:59:52 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	256066	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	1034178	20.00	ng	-0.01
38) Acenaphthene-d10	10.04	164	539854	20.00	ng	-0.01
63) Phenanthrene-d10	11.53	188	735981	20.00	ng	-0.02
75) Chrysene-d12	14.18	240	477795	20.00	ng	-0.02
86) Perylene-d12	15.68	264	404490	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1497277	87.27	ng	0.00
7) Phenol-d6	6.62	99	1984089	88.29	ng	0.00
23) Nitrobenzene-d5	7.55	82	1256086	59.08	ng	-0.02
41) 2,4,6-Tribromophenol	10.83	330	410629	93.54	ng	-0.02
44) 2-Fluorobiphenyl	9.35	172	1987382	61.34	ng	-0.02
78) Terphenyl-d14	13.12	244	1564487	73.61	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.55	70	174851	10.61	ng	Qvalue # 64
49) Dimethylphthalate	9.75	163	884515	25.58	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.99 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF090453.D

Acq: 7 Oct 2016 19:40

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-001-D

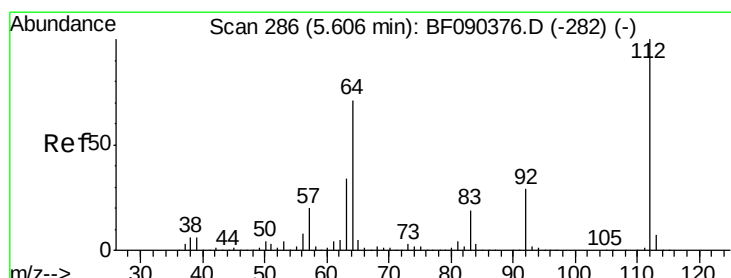
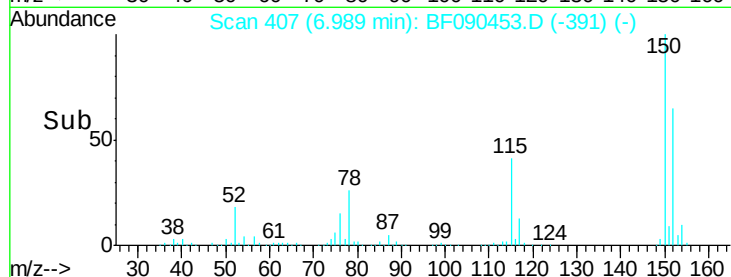
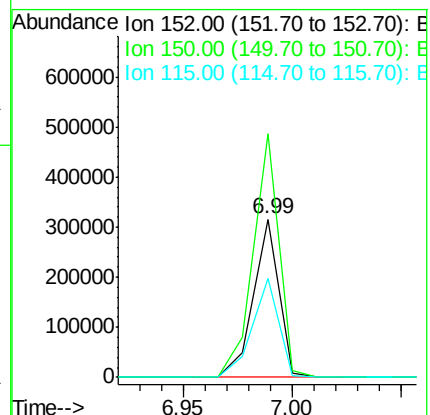
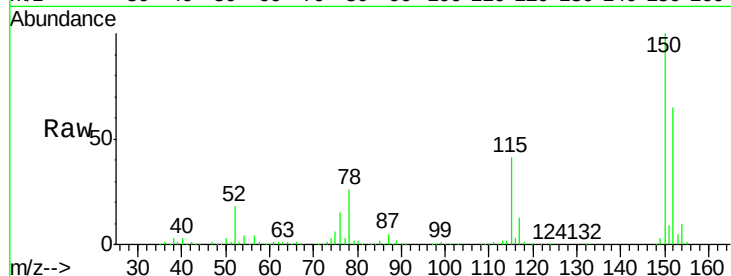
Tgt Ion:152 Resp: 256066

Ion Ratio Lower Upper

152 100

150 154.1 124.6 186.8

115 62.6 46.2 69.4



#5

2-Fluorophenol

Concen: 87.27 ng

RT: 5.61 min Scan# 286

Delta R.T. 0.00 min

Lab File: BF090453.D

Acq: 7 Oct 2016 19:40

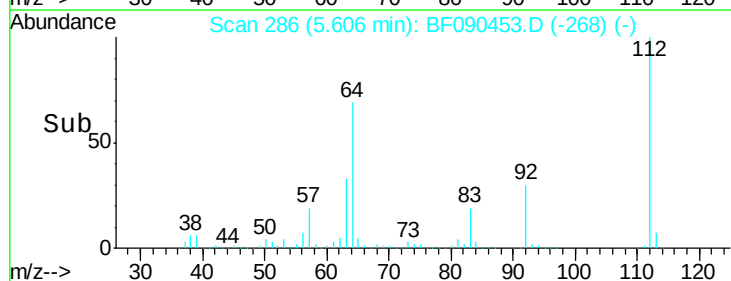
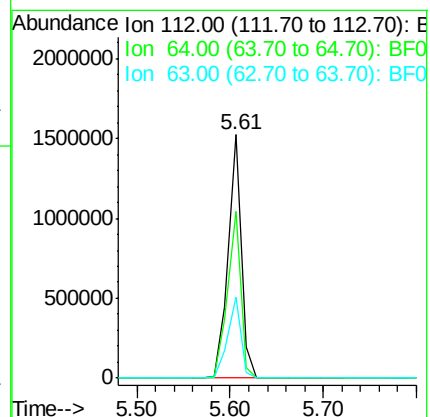
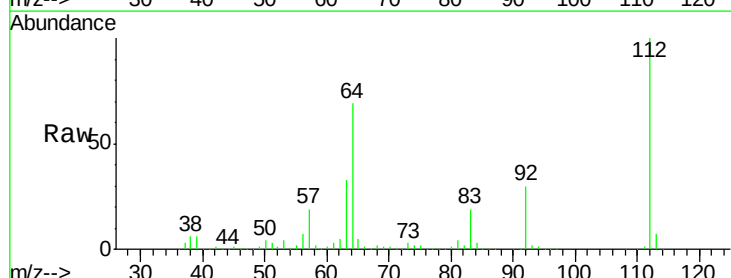
Tgt Ion:112 Resp: 1497277

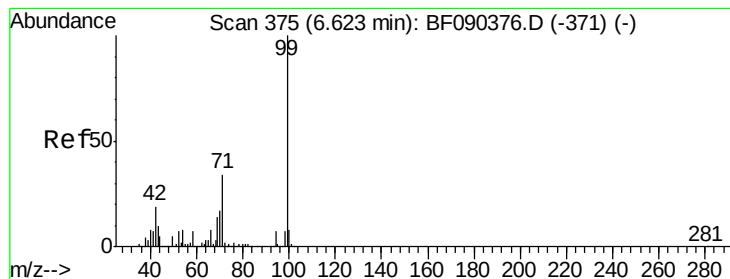
Ion Ratio Lower Upper

112 100

64 68.8 57.9 86.9

63 33.4 29.6 44.4





#7

Phenol-d6

Concen: 88.29 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090453.D

Acq: 7 Oct 2016 19:40

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-001-D

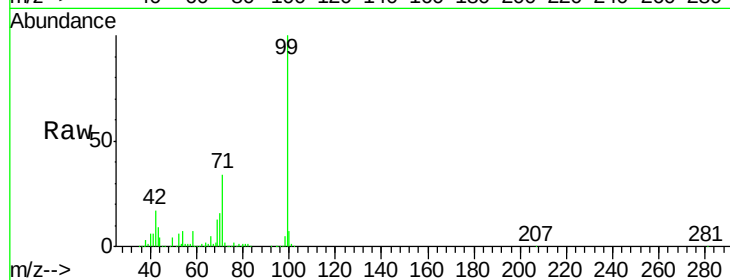
Tgt Ion: 99 Resp: 1984089

Ion Ratio Lower Upper

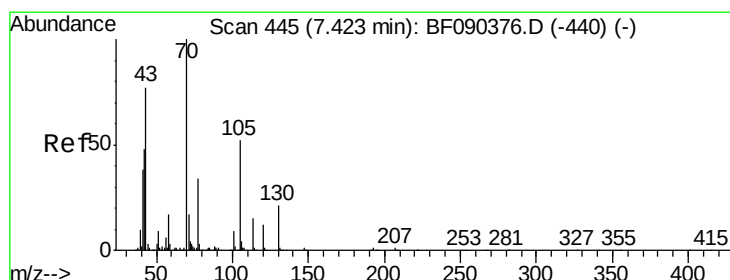
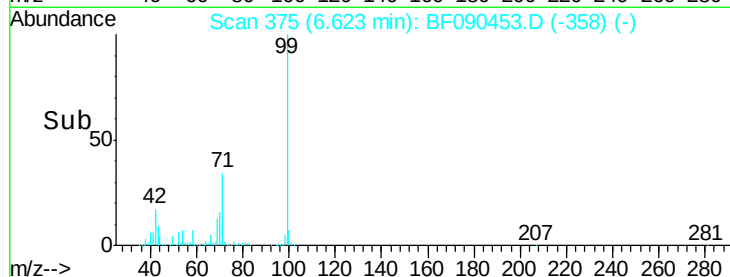
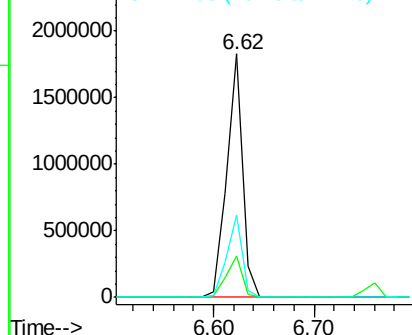
99 100

42 16.8 20.0 30.0#

71 33.6 27.9 41.9



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: 10.61 ng

RT: 7.55 min Scan# 456

Delta R.T. 0.13 min

Lab File: BF090453.D

Acq: 7 Oct 2016 19:40

Tgt Ion: 70 Resp: 174851

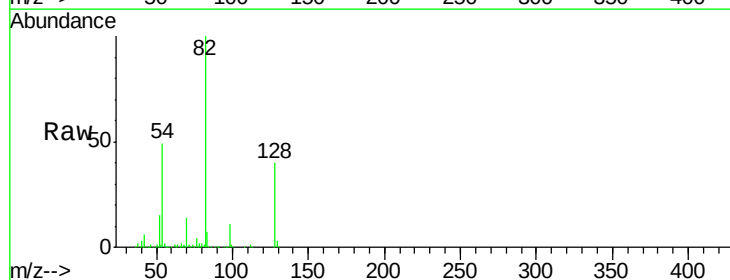
Ion Ratio Lower Upper

70 100

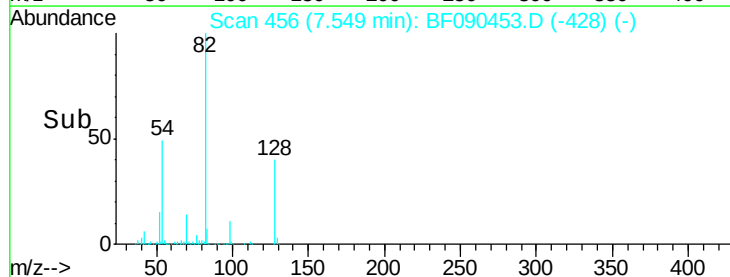
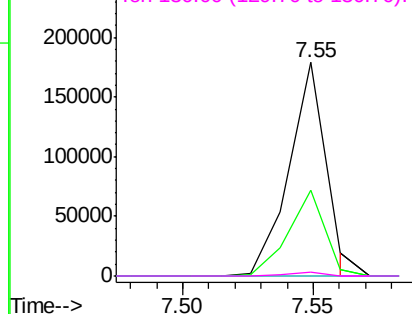
42 40.4 55.4 83.2#

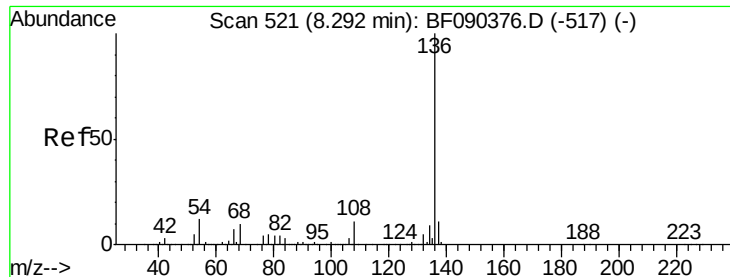
101 0.0 7.6 11.4#

130 1.9 16.5 24.7#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0

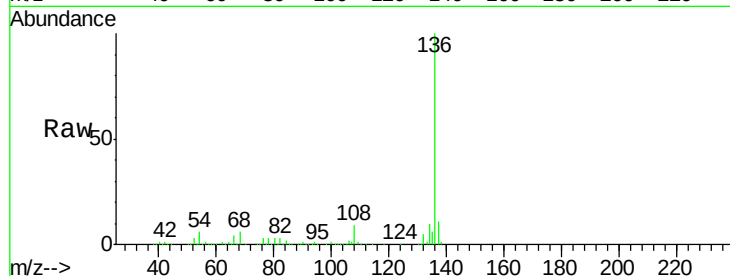




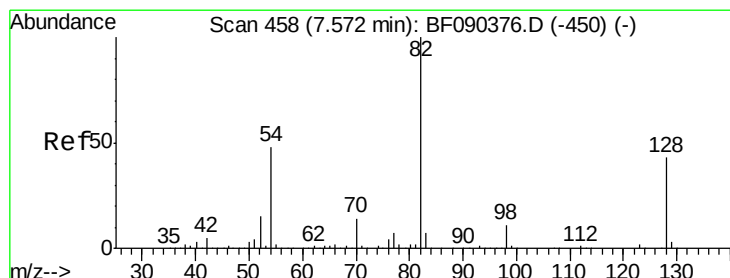
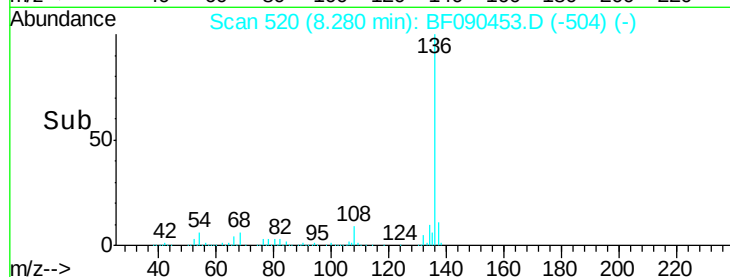
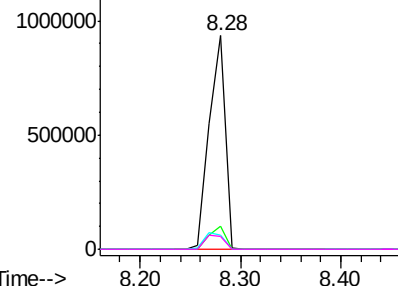
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF090453.D
Acq: 7 Oct 2016 19:40

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-001-D

Tgt Ion: 136 Resp: 1034178
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 6.4 6.6 10.0#
68 6.1 5.0 7.6

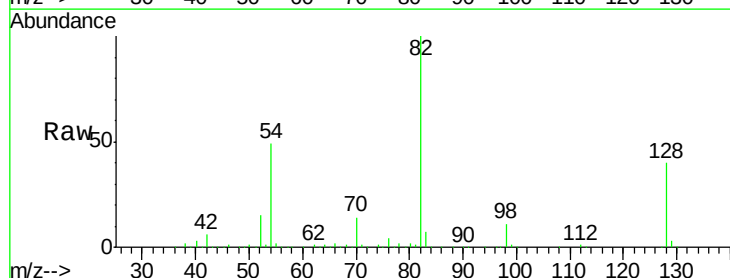


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

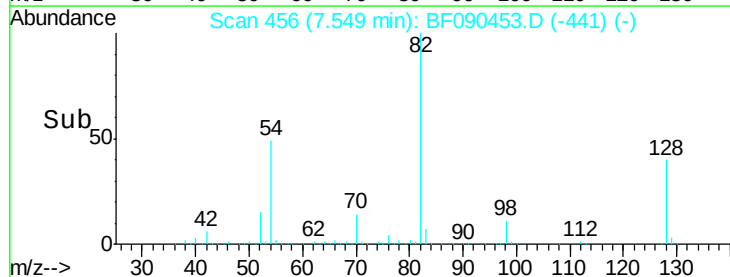
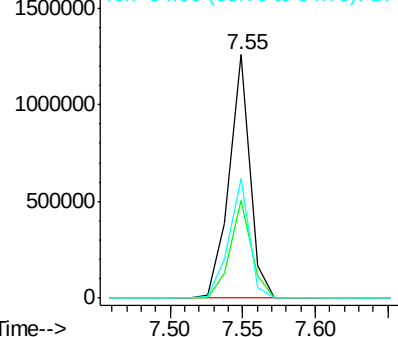


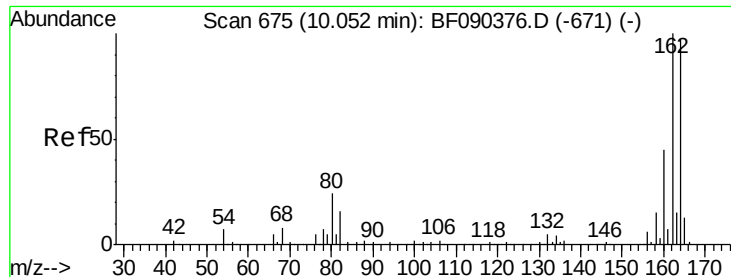
#23
Nitrobenzene-d5
Concen: 59.08 ng
RT: 7.55 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF090453.D
Acq: 7 Oct 2016 19:40

Tgt Ion: 82 Resp: 1256086
Ion Ratio Lower Upper
82 100
128 40.3 40.0 60.0
54 49.3 42.6 64.0



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: 10.04 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF090453.D

Acq: 7 Oct 2016 19:40

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-001-D

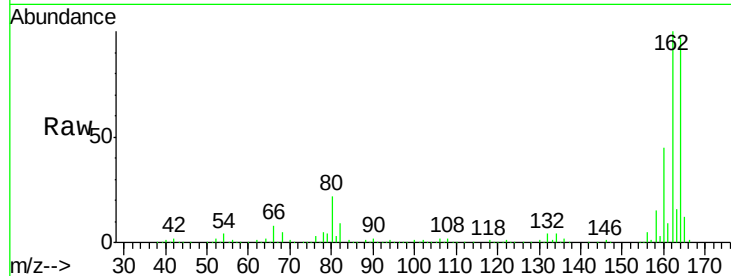
Tgt Ion:164 Resp: 539854

Ion Ratio Lower Upper

164 100

162 103.3 80.1 120.1

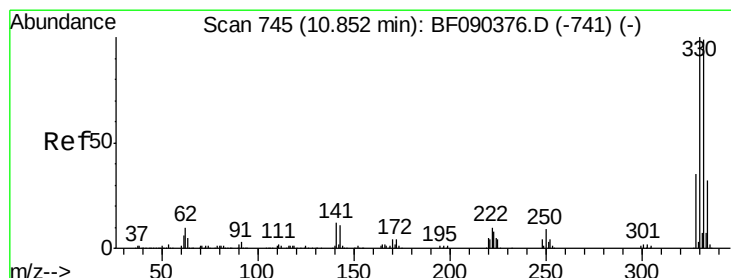
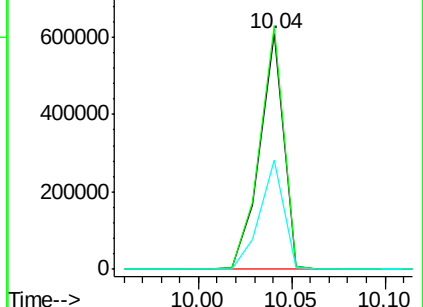
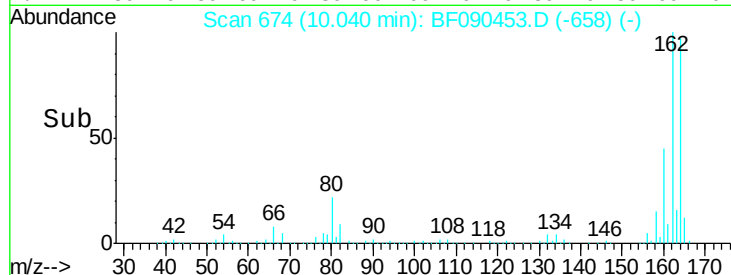
160 46.3 36.3 54.5



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: 93.54 ng

RT: 10.83 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF090453.D

Acq: 7 Oct 2016 19:40

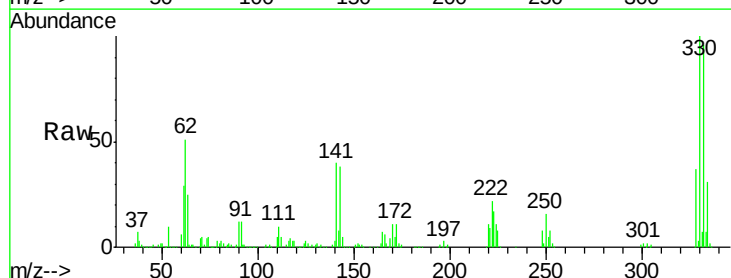
Tgt Ion:330 Resp: 410629

Ion Ratio Lower Upper

330 100

332 96.1 75.4 113.0

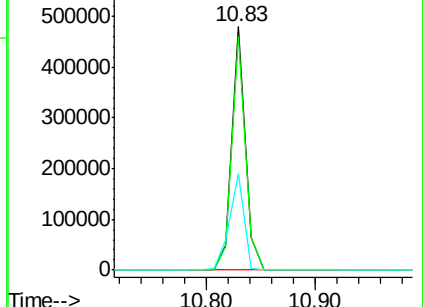
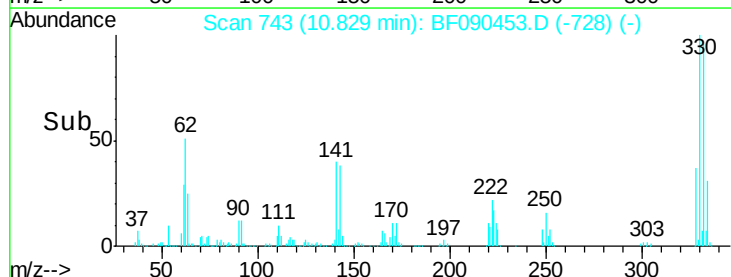
141 43.1 26.9 40.3#

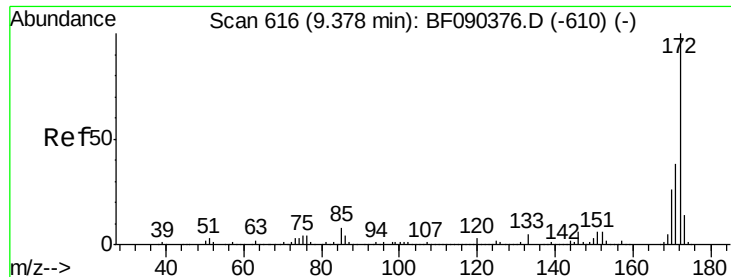


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

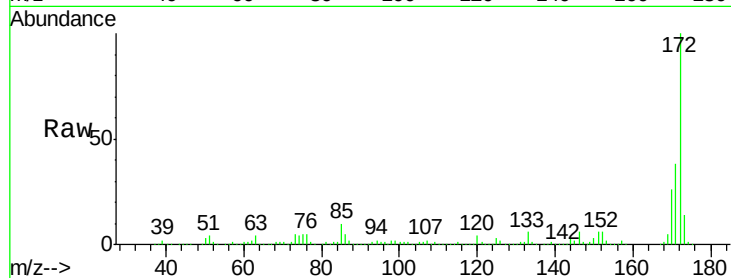




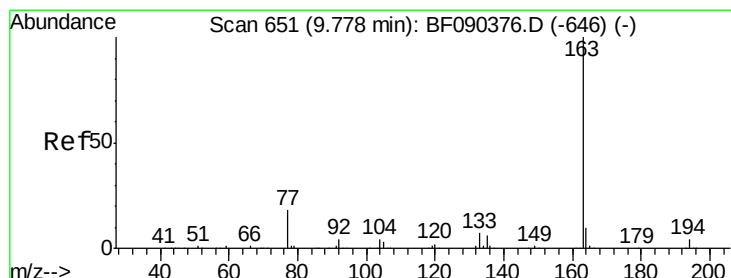
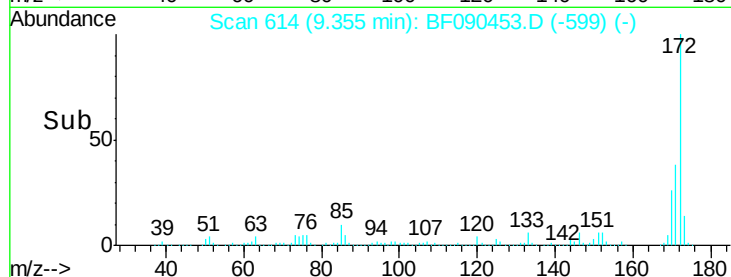
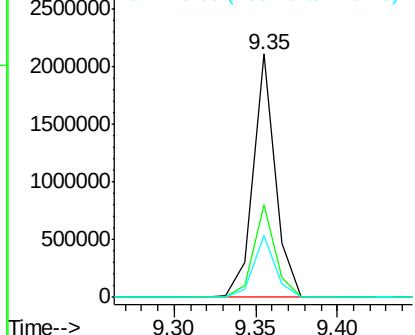
#44
 2-Fluorobiphenyl
 Concen: 61.34 ng
 RT: 9.35 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF090453.D
 Acq: 7 Oct 2016 19:40

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-001-D

Tgt Ion:172 Resp: 1987382
 Ion Ratio Lower Upper
 172 100
 171 37.8 31.8 47.8
 170 25.5 21.7 32.5

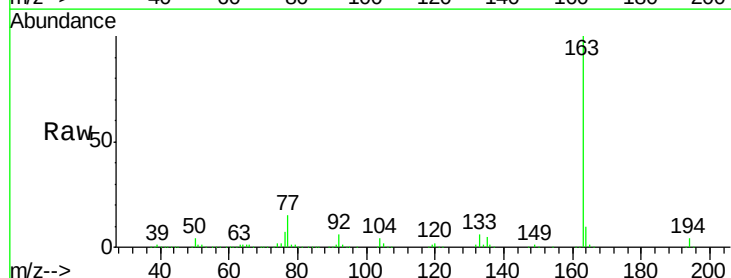


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

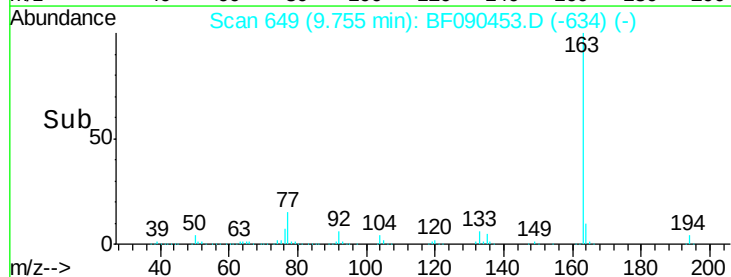
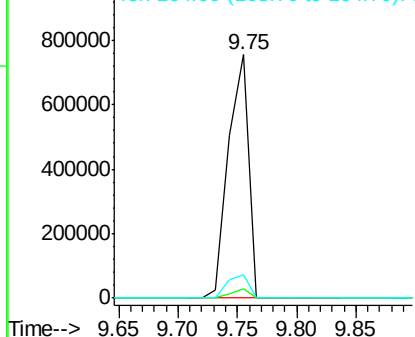


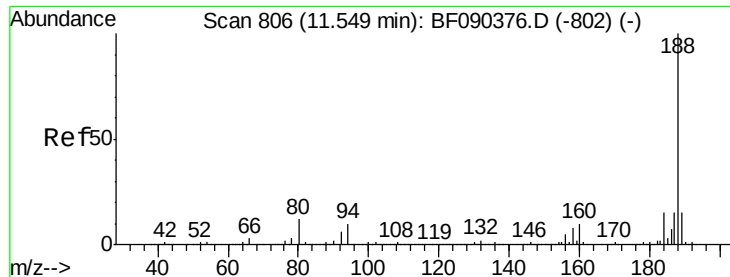
#49
 Dimethylphthalate
 Concen: 25.58 ng
 RT: 9.75 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: BF090453.D
 Acq: 7 Oct 2016 19:40

Tgt Ion:163 Resp: 884515
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.8 4.2
 164 9.7 9.0 13.4



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

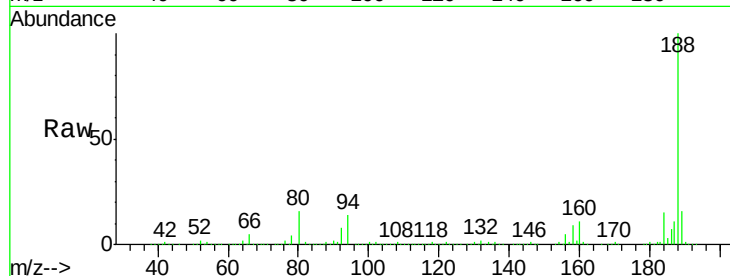




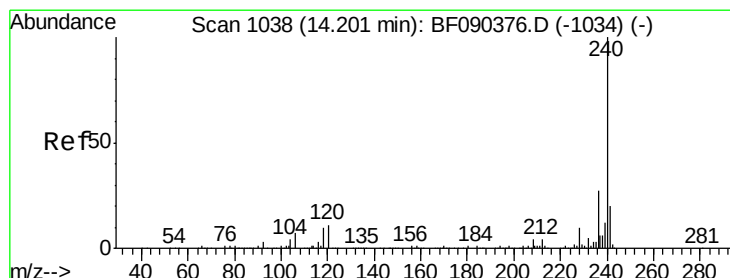
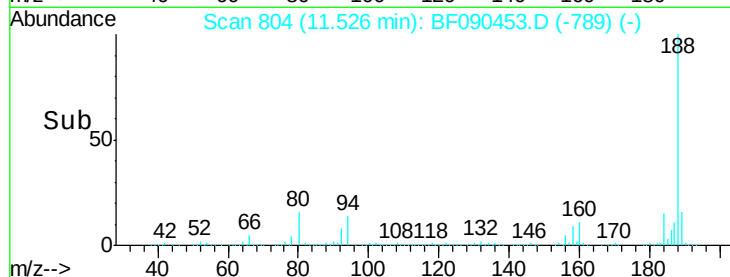
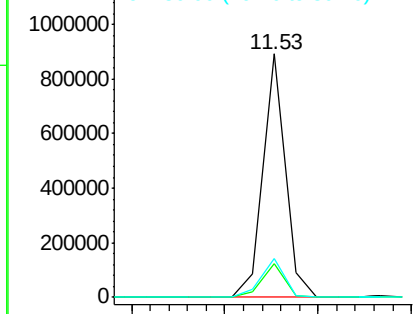
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.53 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF090453.D
Acq: 7 Oct 2016 19:40

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-001-D

Tgt Ion:188 Resp: 735981
Ion Ratio Lower Upper
188 100
94 13.8 8.2 12.2#
80 15.9 8.8 13.2#

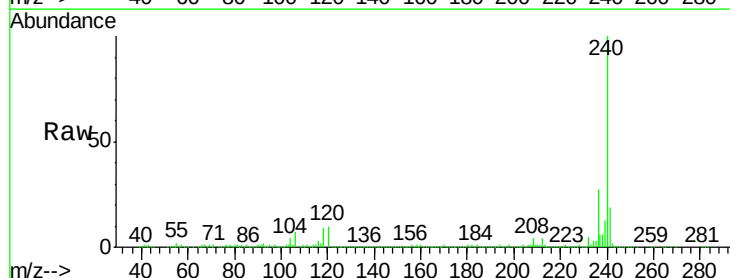


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

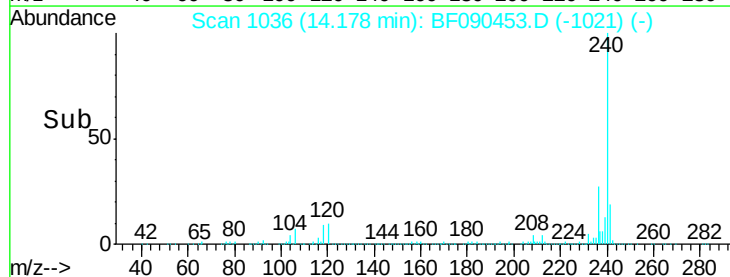
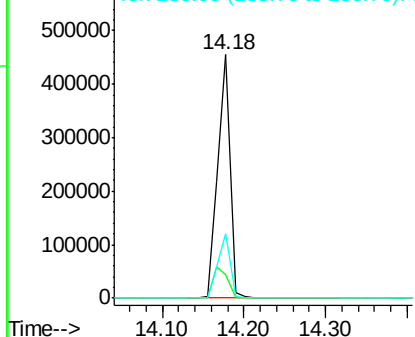


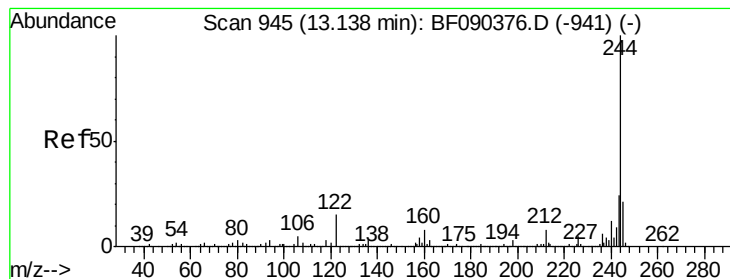
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF090453.D
Acq: 7 Oct 2016 19:40

Tgt Ion:240 Resp: 477795
Ion Ratio Lower Upper
240 100
120 9.8 8.6 13.0
236 26.6 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: 73.61 ng

RT: 13.12 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF090453.D

Acq: 7 Oct 2016 19:40

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-001-D

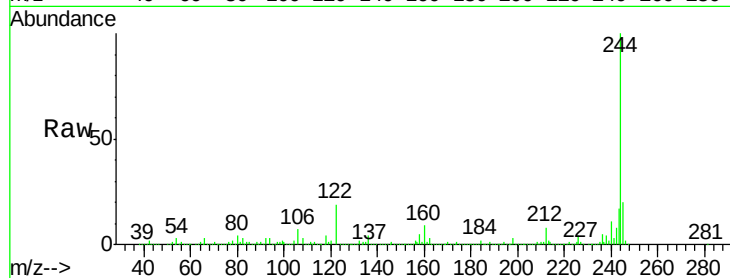
Tgt Ion:244 Resp: 1564487

Ion Ratio Lower Upper

244 100

212 7.7 6.8 10.2

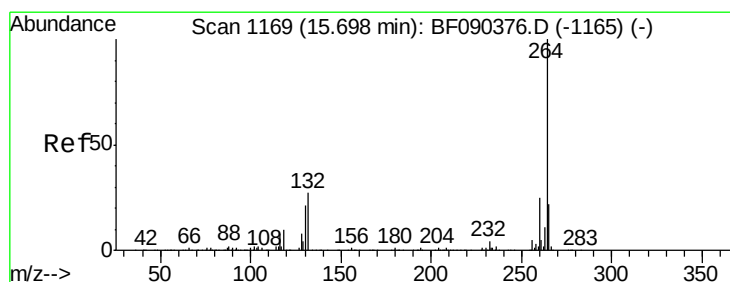
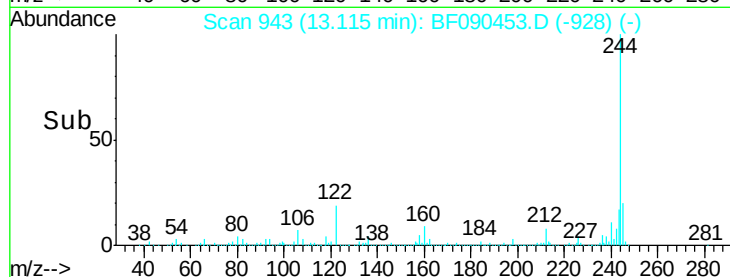
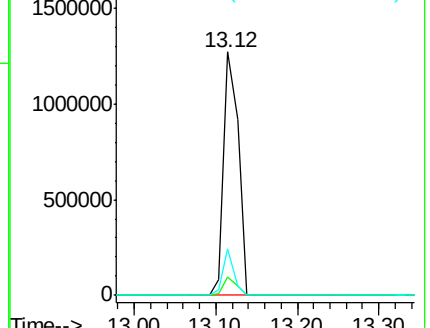
122 19.1 13.3 19.9



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: 15.68 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF090453.D

Acq: 7 Oct 2016 19:40

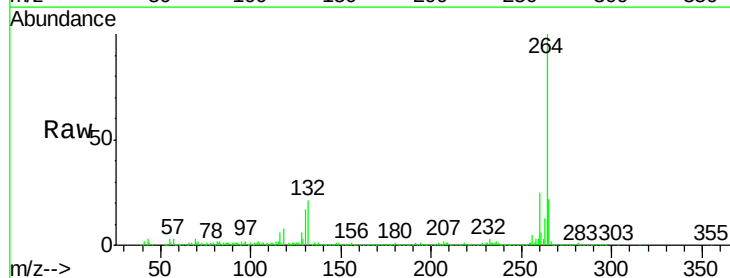
Tgt Ion:264 Resp: 404490

Ion Ratio Lower Upper

264 100

260 24.7 19.3 28.9

265 22.1 17.4 26.0



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

