

Data File : BF096953.D
Acq On : 21 Jul 2017 19:31
Operator : SJ/JU
Sample : I4352-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

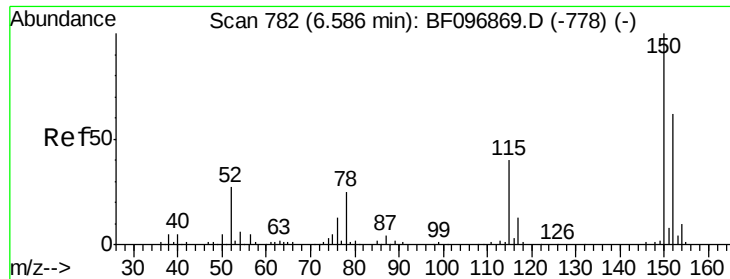
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-B

Quant Time: Jul 21 23:14:18 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	107761	20.00	ng	-0.04
21) Naphthalene-d8	7.84	136	492705	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	196264	20.00	ng	-0.05
63) Phenanthrene-d10	11.06	188	249028	20.00	ng	-0.05
75) Chrysene-d12	13.69	240	253895	20.00	ng	-0.05
86) Perylene-d12	15.05	264	218258	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	799358	111.53	ng	-0.03
7) Phenol-d6	6.22	99	925493	107.61	ng	-0.04
23) Nitrobenzene-d5	7.12	82	584384	73.47	ng	-0.05
41) 2,4,6-Tribromophenol	10.37	330	137129	81.85	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	921361	74.17	ng	-0.05
78) Terphenyl-d14	12.65	244	565466	38.62	ng	-0.05
Target Compounds						
10) Phenol	6.23	94	47511	4.89	ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	78302	15.11	ng	# 87
25) Isophorone	7.12	82	559792	37.83	ng	# 67
49) Dimethylphthalate	9.31	163	182472	12.35	ng	98
56) 2,4-Dinitrotoluene	9.59	165	24774	6.02	ng	# 34
66) 4-Bromophenyl-phenylether	10.37	248	8751	3.44	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.31	276	3210	3.54	ng	# 66

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

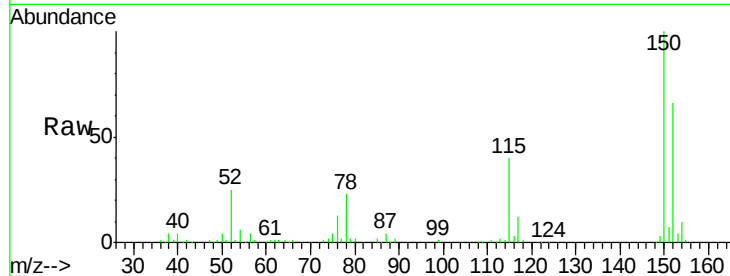
FK-SF-03-001-B



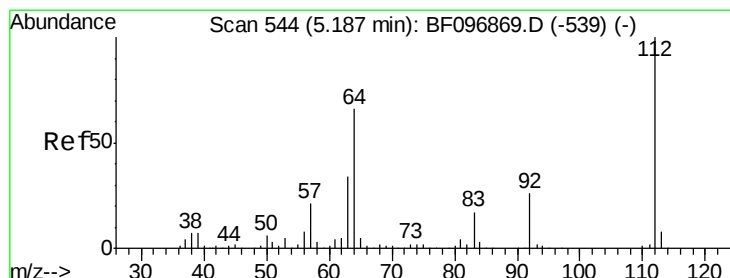
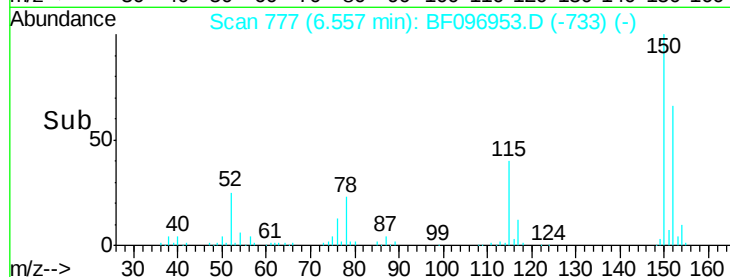
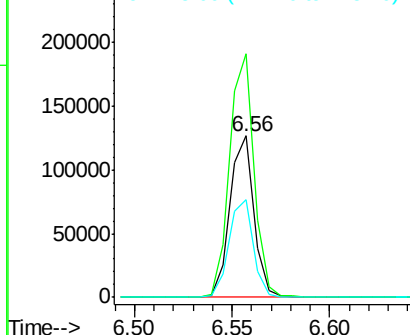
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.56 min Scan# 777
 Delta R.T. -0.04 min
 Lab File: BF096953.D
 Acq: 21 Jul 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-B

Tgt Ion:152 Resp: 107761
 Ion Ratio Lower Upper
 152 100
 150 151.1 126.2 189.2
 115 60.8 52.2 78.2

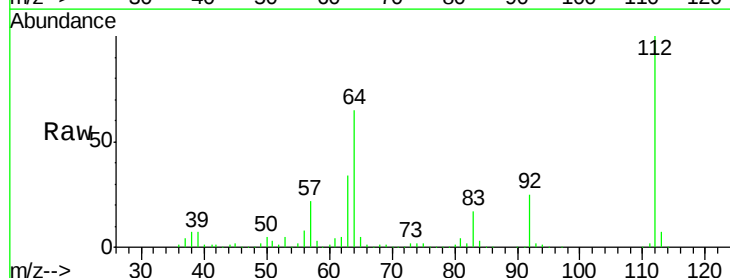


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

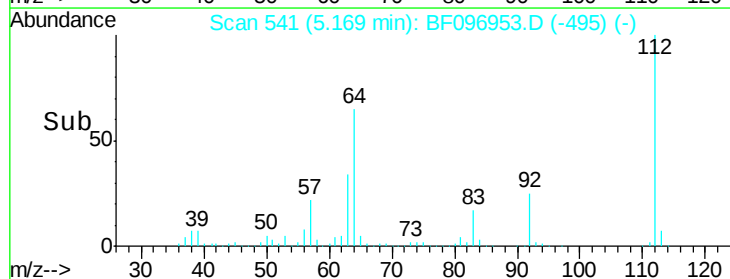
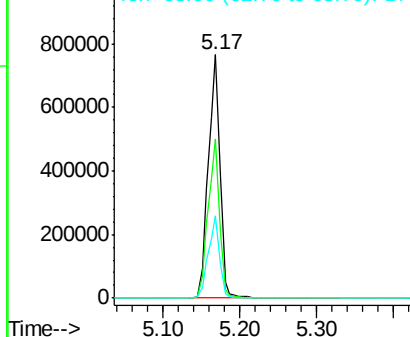


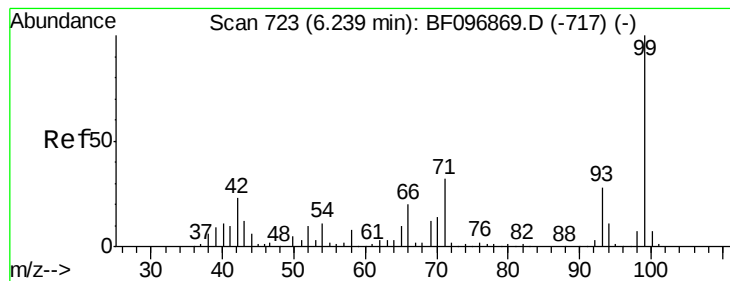
#5
 2-Fluorophenol
 Concen: 111.53 ng
 RT: 5.17 min Scan# 541
 Delta R.T. -0.03 min
 Lab File: BF096953.D
 Acq: 21 Jul 2017 19:31

Tgt Ion:112 Resp: 799358
 Ion Ratio Lower Upper
 112 100
 64 65.3 46.0 69.0
 63 33.8 23.4 35.0



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: 107.61 ng

RT: 6.22 min Scan# 719

Delta R.T. -0.04 min

Lab File: BF096953.D

Acq: 21 Jul 2017 19:31

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-001-B

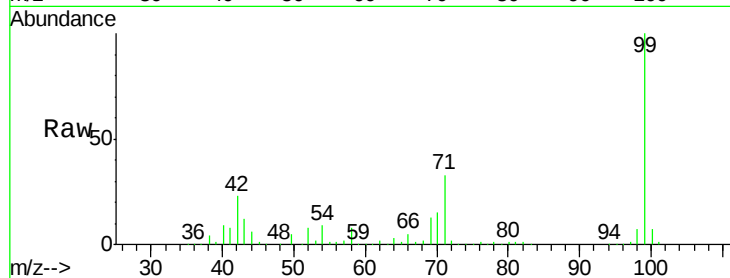
Tgt Ion: 99 Resp: 925493

Ion Ratio Lower Upper

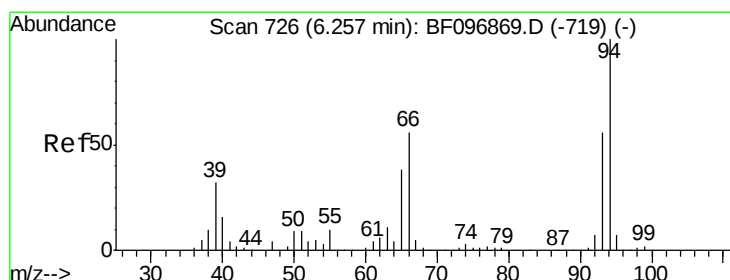
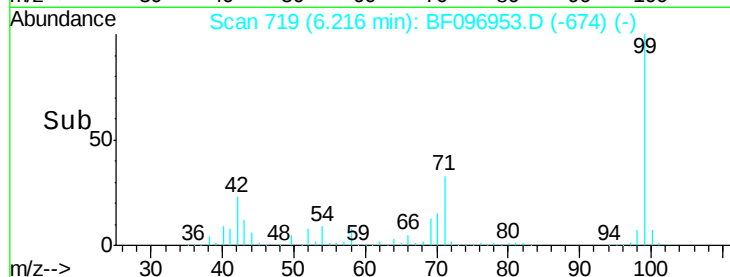
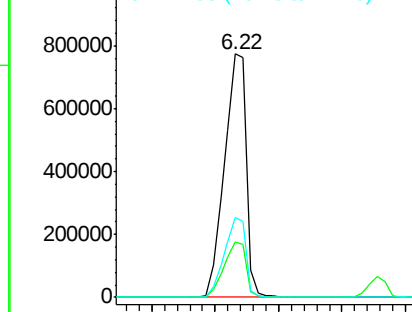
99 100

42 23.0 13.5 20.3#

71 32.7 24.5 36.7



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



#10

Phenol

Concen: 4.89 ng

RT: 6.23 min Scan# 721

Delta R.T. -0.04 min

Lab File: BF096953.D

Acq: 21 Jul 2017 19:31

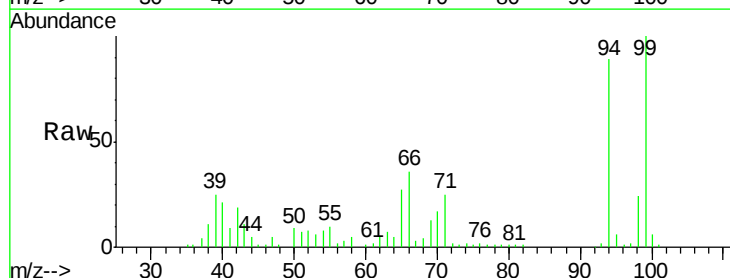
Tgt Ion: 94 Resp: 47511

Ion Ratio Lower Upper

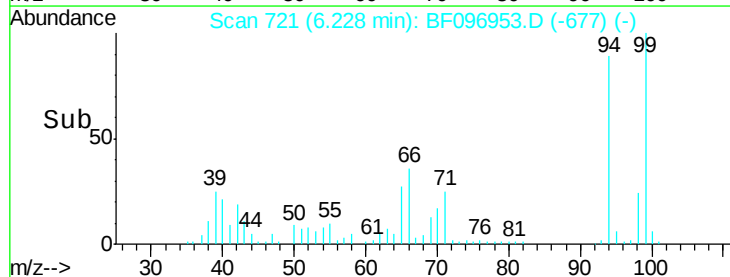
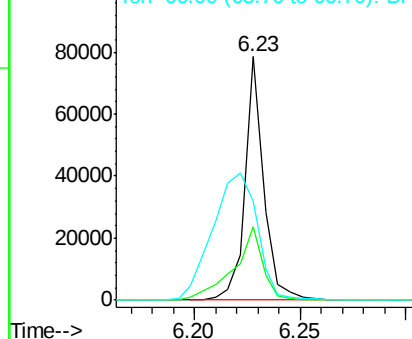
94 100

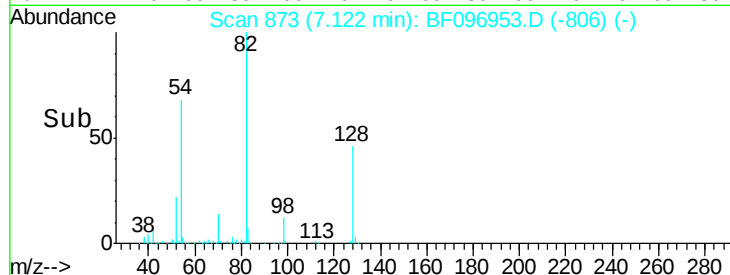
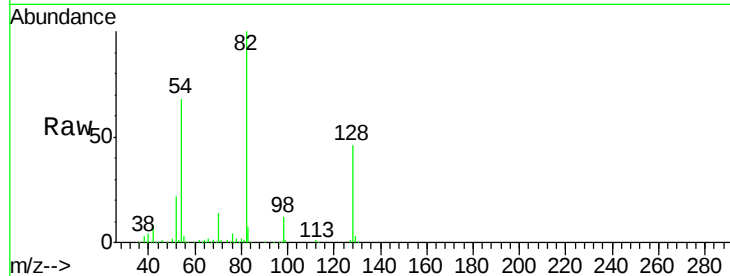
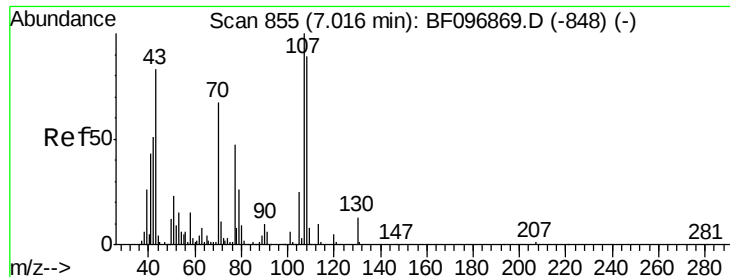
65 30.0 9.9 49.9

66 40.5 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

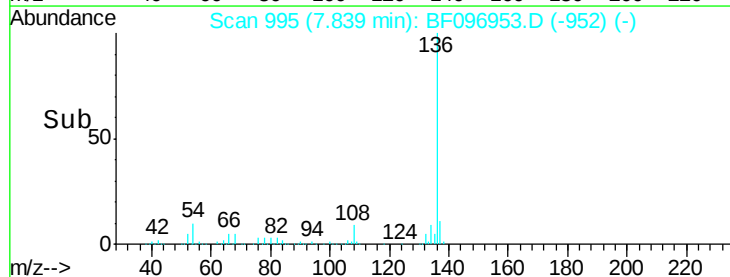
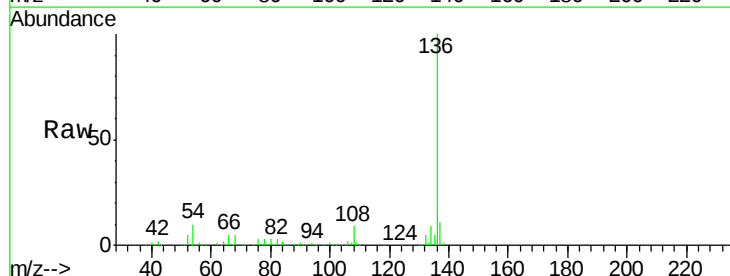
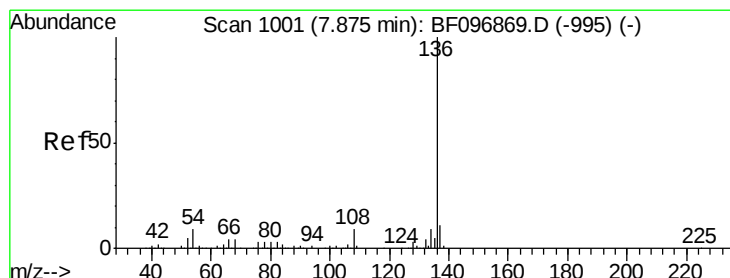
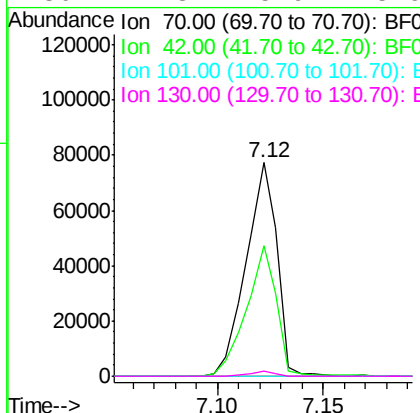




#19
n-Nitroso-di-n-propylamine
Concen: 15.11 ng
RT: 7.12 min Scan# 873
Delta R.T. 0.09 min
Lab File: BF096953.D
Acq: 21 Jul 2017 19:31

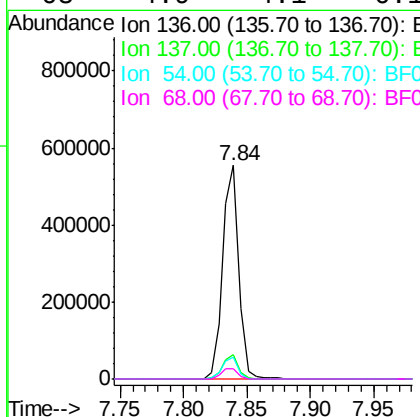
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BNA_F
ClientSampleId :
FK-SF-03-001-B

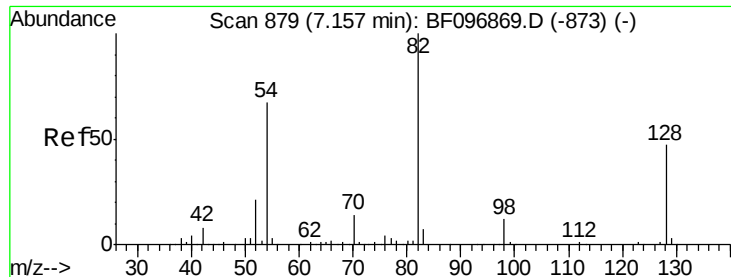
Tgt Ion: 70 Resp: 78302
Ion Ratio Lower Upper
70 100
42 60.9 47.2 70.8
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 995
Delta R.T. -0.05 min
Lab File: BF096953.D
Acq: 21 Jul 2017 19:31

Tgt Ion: 136 Resp: 492705
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 9.9 4.9 7.3#
68 4.9 4.1 6.1

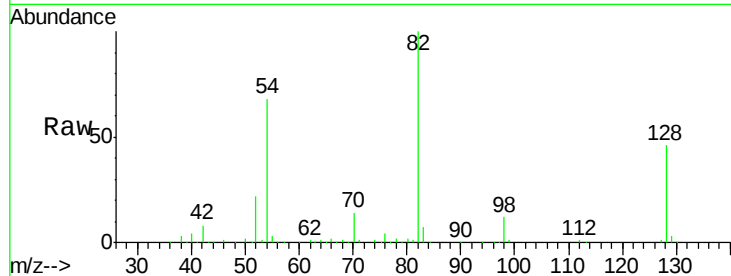




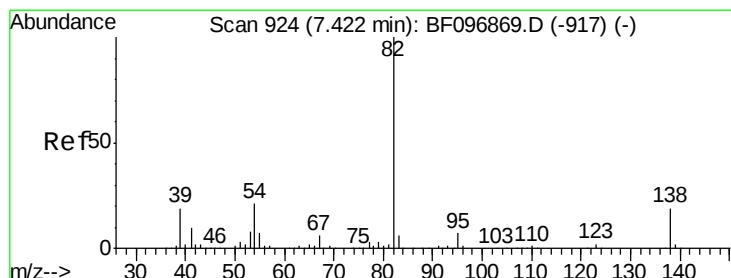
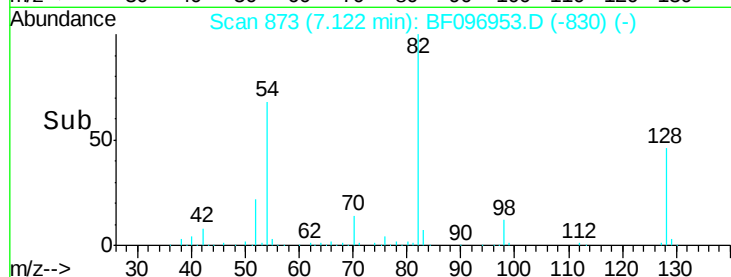
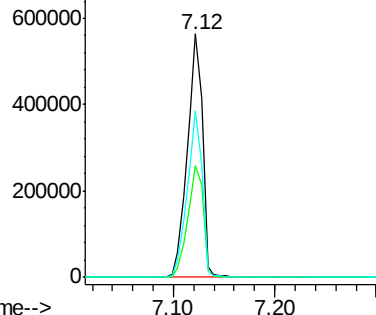
#23
Nitrobenzene-d5
Concen: 73.47 ng
RT: 7.12 min Scan# 873
Delta R.T. -0.05 min
Lab File: BF096953.D
Acq: 21 Jul 2017 19:31

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-B

Tgt Ion: 82 Resp: 584384
Ion Ratio Lower Upper
82 100
128 45.8 34.0 51.0
54 68.5 42.2 63.2#

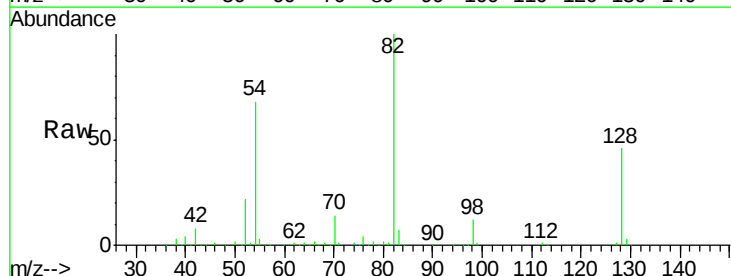


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

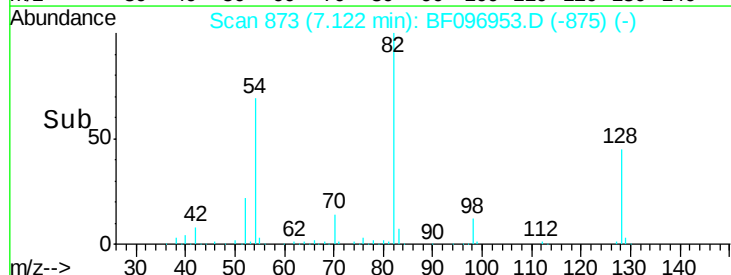
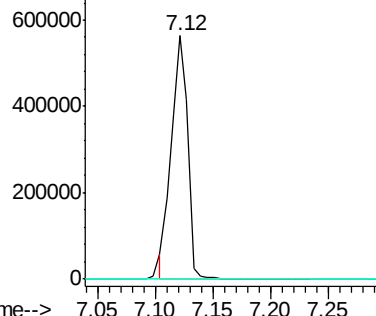


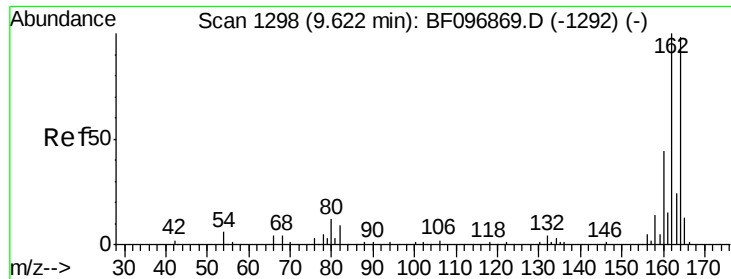
#25
Isophorone
Concen: 37.83 ng
RT: 7.12 min Scan# 873
Delta R.T. -0.31 min
Lab File: BF096953.D
Acq: 21 Jul 2017 19:31

Tgt Ion: 82 Resp: 559792
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



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: 9.59 min Scan# 1292

Delta R.T. -0.05 min

Lab File: BF096953.D

Acq: 21 Jul 2017 19:31

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-001-B

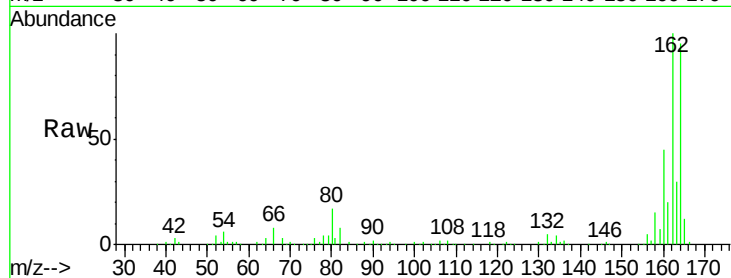
Tgt Ion:164 Resp: 196264

Ion Ratio Lower Upper

164 100

162 104.9 82.6 123.8

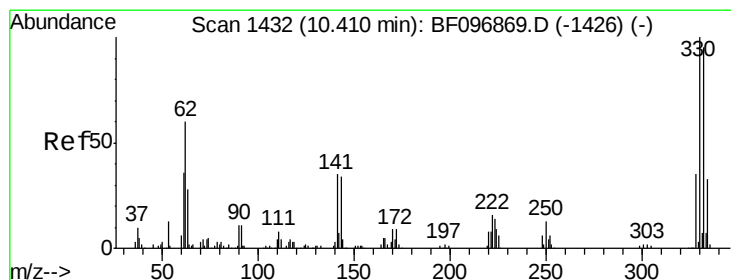
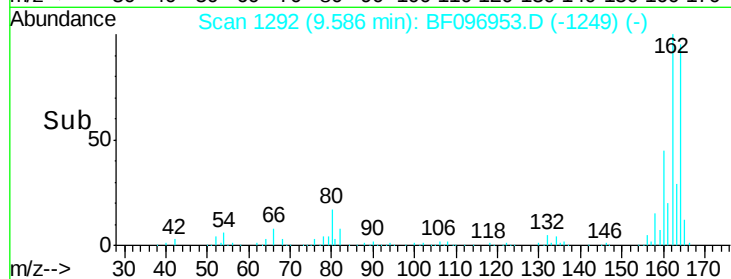
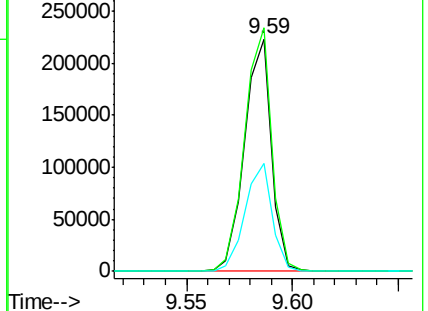
160 46.7 36.2 54.2



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: 81.85 ng

RT: 10.37 min Scan# 1426

Delta R.T. -0.05 min

Lab File: BF096953.D

Acq: 21 Jul 2017 19:31

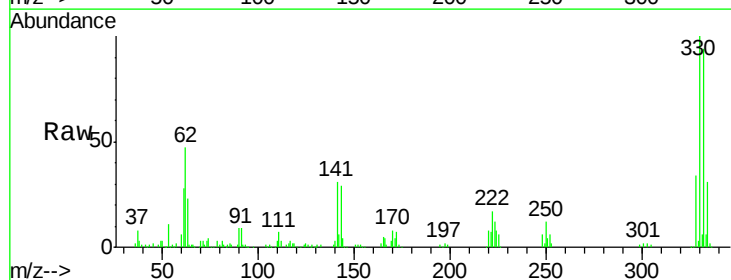
Tgt Ion:330 Resp: 137129

Ion Ratio Lower Upper

330 100

332 96.1 76.6 115.0

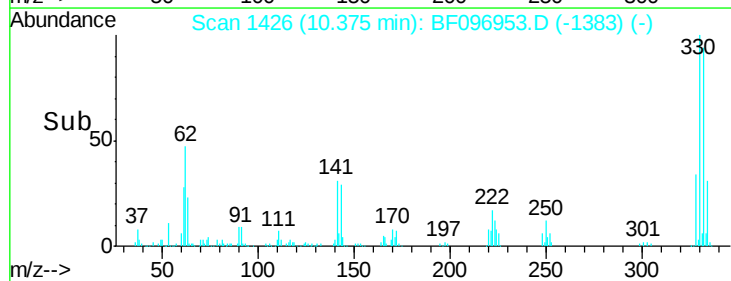
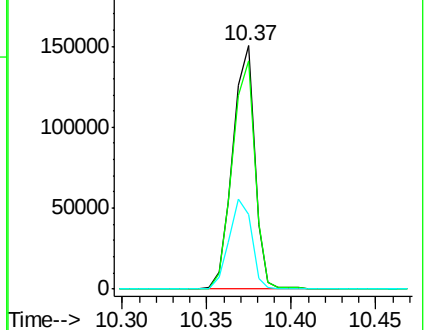
141 37.9 31.4 47.2

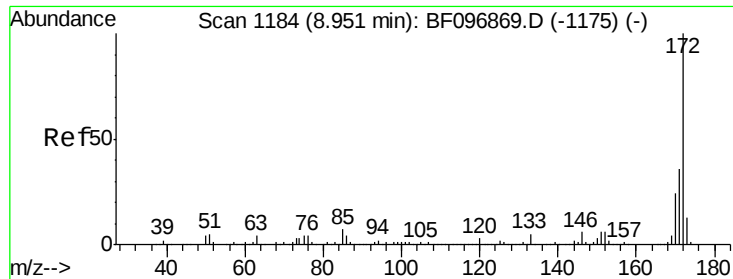


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

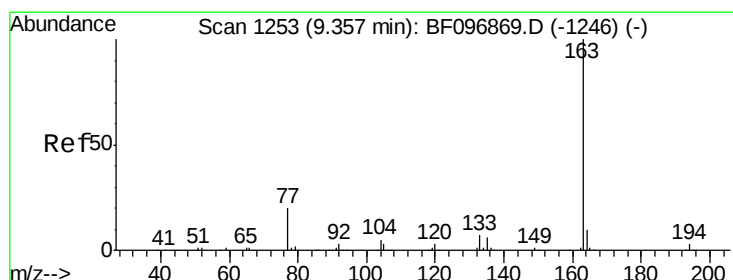
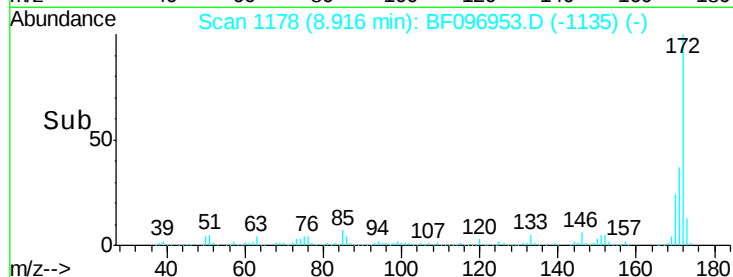
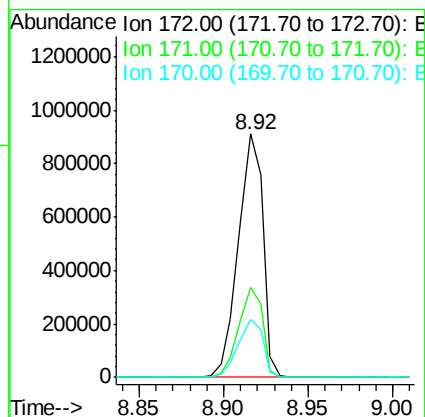
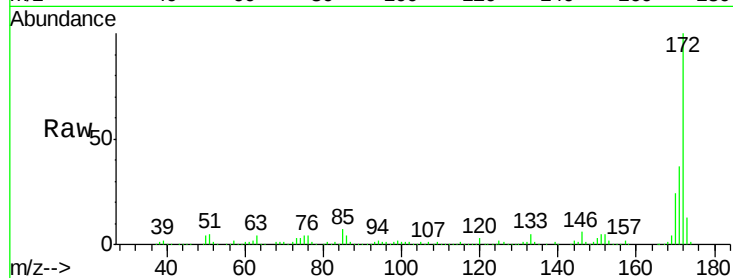




#44
 2-Fluorobiphenyl
 Concen: 74.17 ng
 RT: 8.92 min Scan# 1178
 Delta R.T. -0.05 min
 Lab File: BF096953.D
 Acq: 21 Jul 2017 19:31

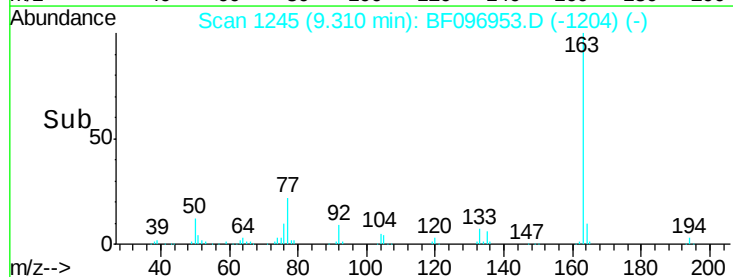
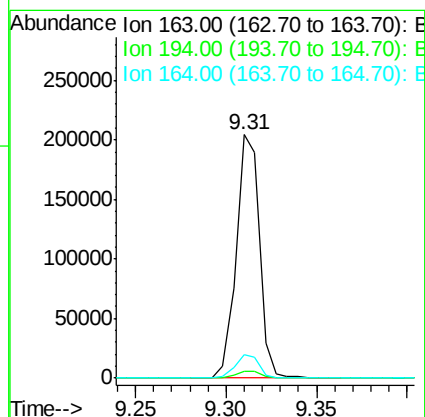
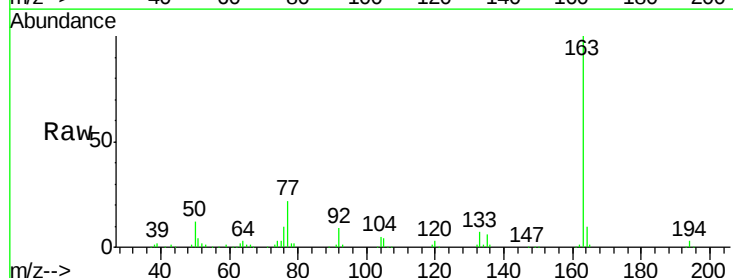
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-B

Tgt Ion:172 Resp: 921361
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 23.9 19.8 29.8



#49
 Dimethylphthalate
 Concen: 12.35 ng
 RT: 9.31 min Scan# 1245
 Delta R.T. -0.06 min
 Lab File: BF096953.D
 Acq: 21 Jul 2017 19:31

Tgt Ion:163 Resp: 182472
 Ion Ratio Lower Upper
 163 100
 194 2.9 2.6 4.0
 164 9.9 8.4 12.6

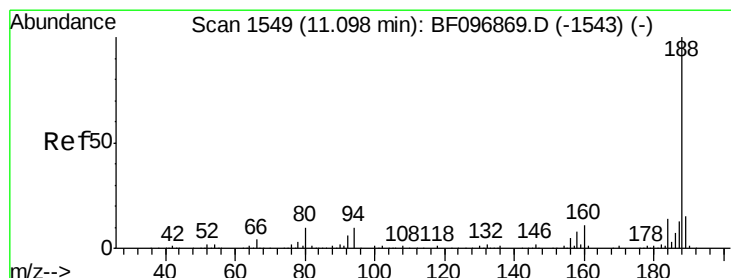
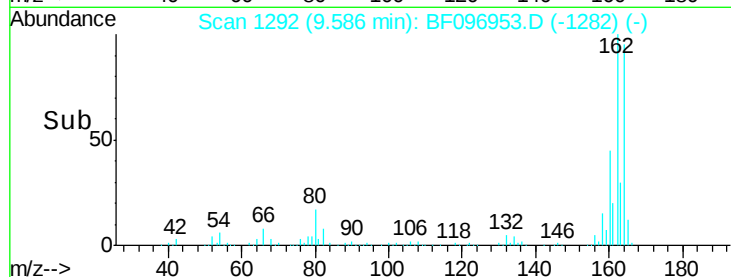
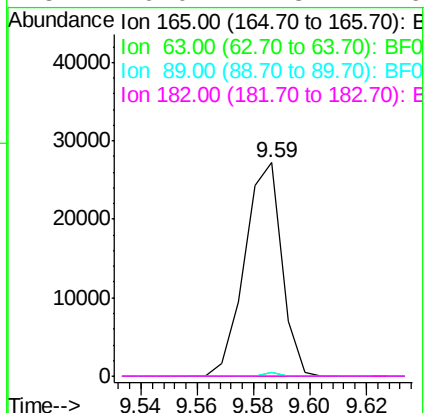
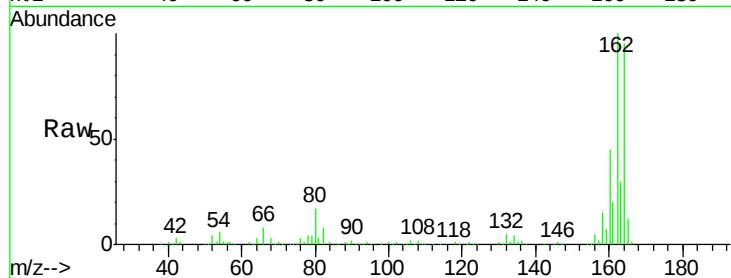




#56
 2,4-Dinitrotoluene
 Concen: 6.02 ng
 RT: 9.59 min Scan# 1292
 Delta R.T. -0.24 min
 Lab File: BF096953.D
 Acq: 21 Jul 2017 19:31

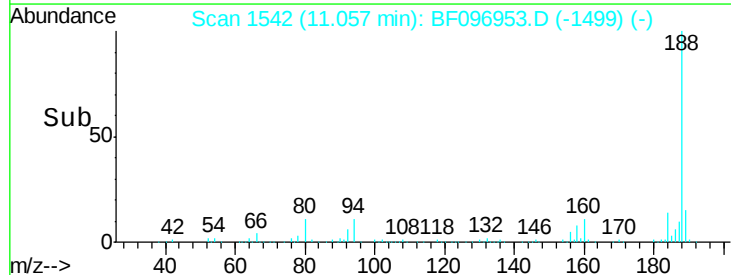
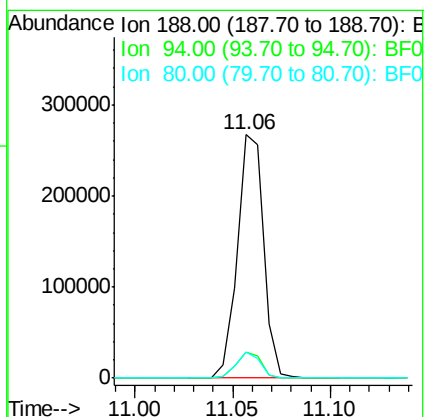
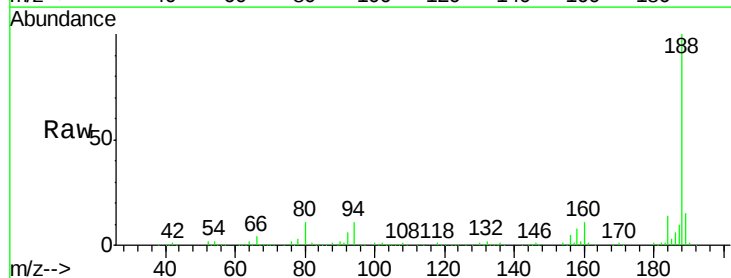
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 BNA_F
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 FK-SF-03-001-B

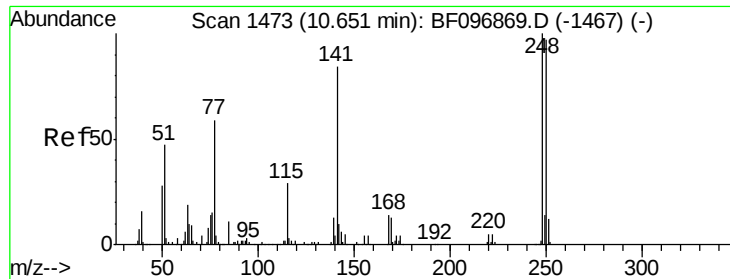
Tgt Ion:165 Resp: 24774
 Ion Ratio Lower Upper
 165 100
 63 1.6 25.4 38.0#
 89 1.9 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.06 min Scan# 1542
 Delta R.T. -0.05 min
 Lab File: BF096953.D
 Acq: 21 Jul 2017 19:31

Tgt Ion:188 Resp: 249028
 Ion Ratio Lower Upper
 188 100
 94 10.9 9.4 14.2
 80 10.7 10.2 15.2

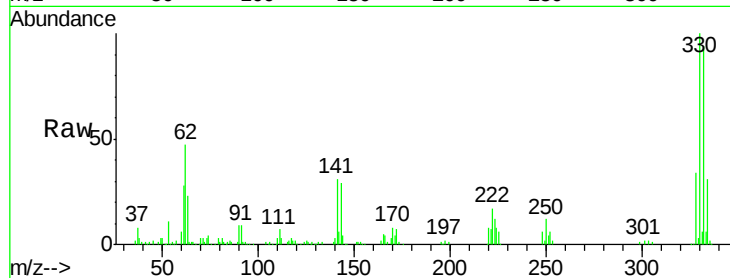




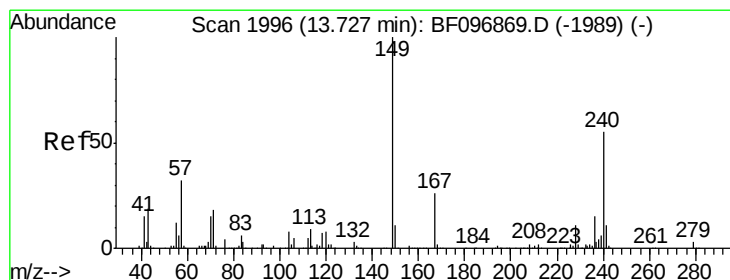
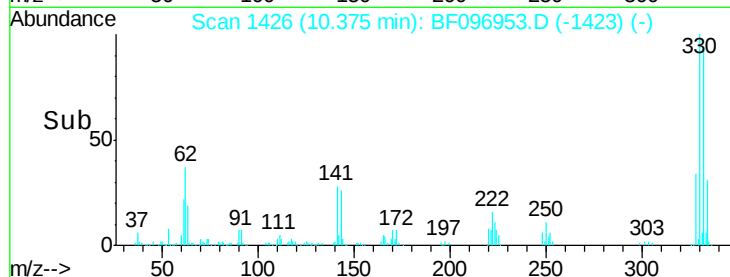
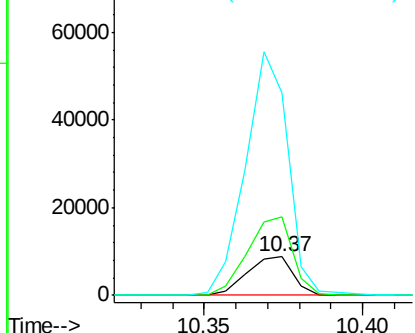
#66
 4-Bromophenyl-phenylether
 Concen: 3.44 ng
 RT: 10.37 min Scan# 1426
 Delta R.T. -0.28 min
 Lab File: BF096953.D
 Acq: 21 Jul 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-B

Tgt Ion:248 Resp: 8751
 Ion Ratio Lower Upper
 248 100
 250 204.1 76.8 115.2#
 141 530.9 68.6 103.0#

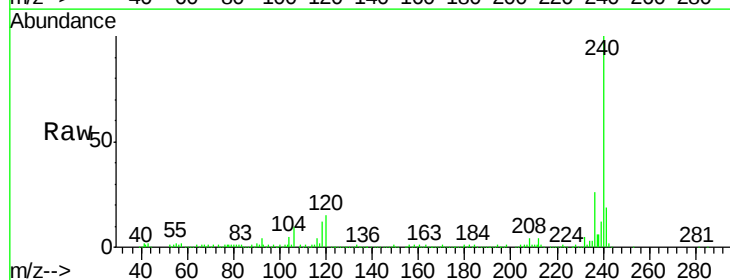


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

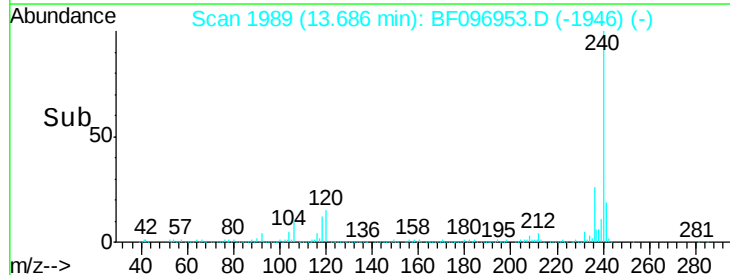
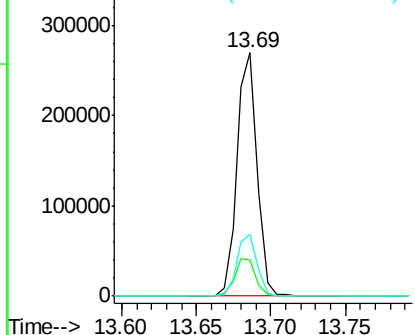


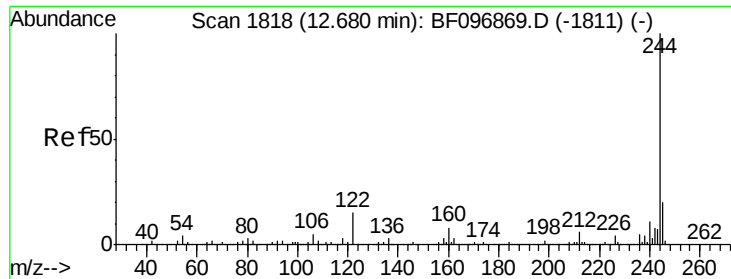
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.69 min Scan# 1989
 Delta R.T. -0.05 min
 Lab File: BF096953.D
 Acq: 21 Jul 2017 19:31

Tgt Ion:240 Resp: 253895
 Ion Ratio Lower Upper
 240 100
 120 14.9 5.8 8.8#
 236 25.5 20.5 30.7



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: 38.62 ng

RT: 12.65 min Scan# 1812

Delta R.T. -0.05 min

Lab File: BF096953.D

Acq: 21 Jul 2017 19:31

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-001-B

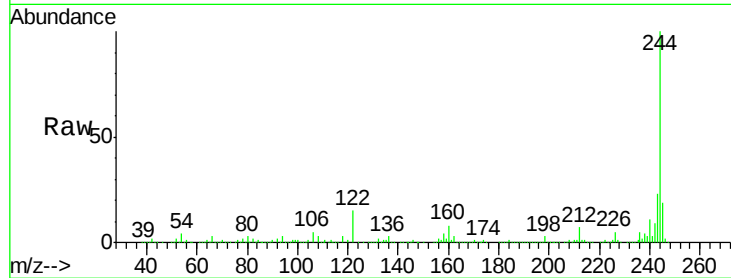
Tgt Ion:244 Resp: 565466

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

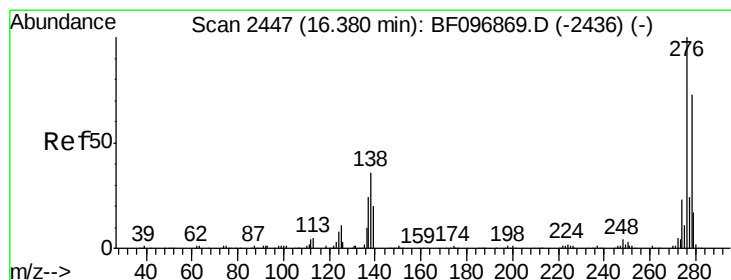
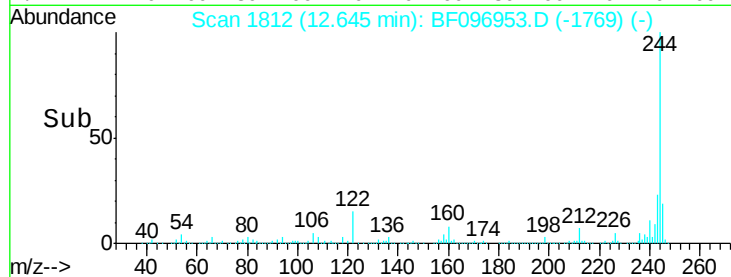
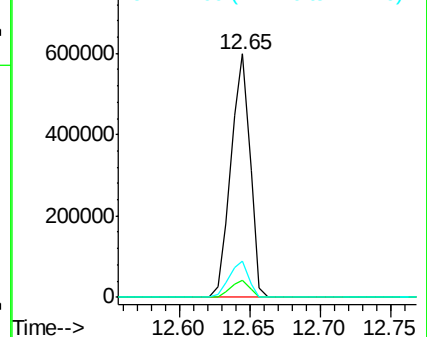
122 15.1 10.3 15.5



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.54 ng

RT: 16.31 min Scan# 2435

Delta R.T. -0.08 min

Lab File: BF096953.D

Acq: 21 Jul 2017 19:31

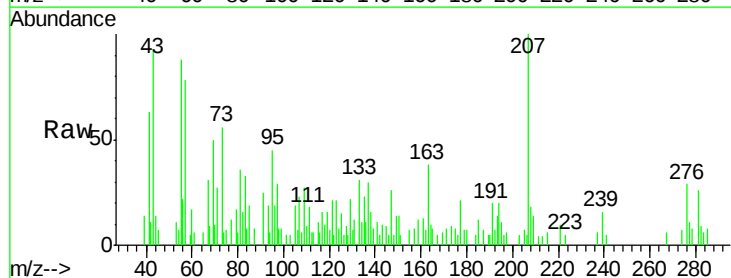
Tgt Ion:276 Resp: 3210

Ion Ratio Lower Upper

276 100

138 66.4 27.8 41.6#

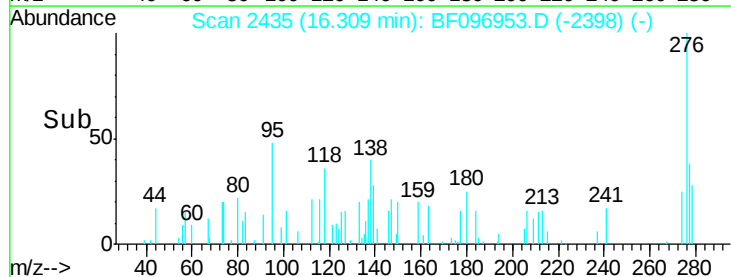
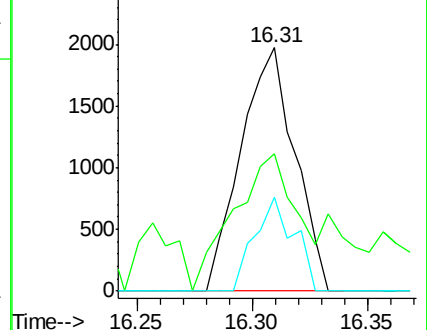
277 28.2 20.2 30.4

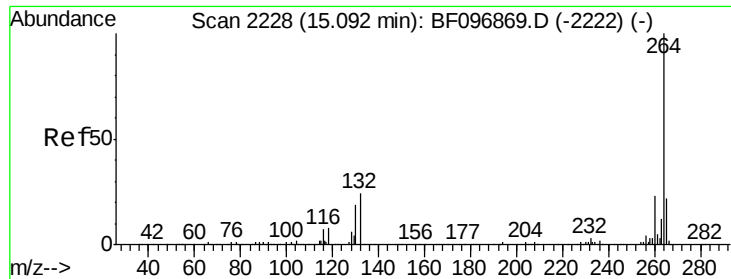


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

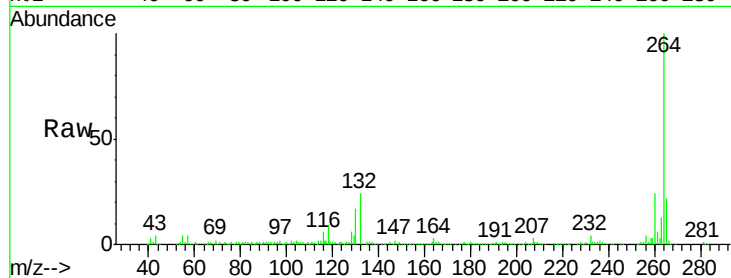




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 2221
Delta R.T. -0.05 min
Lab File: BF096953.D
Acq: 21 Jul 2017 19:31

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.9	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

