

Data File : BF096956.D
Acq On : 21 Jul 2017 20:55
Operator : SJ/JU
Sample : I4352-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Jul 21 23:15:22 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	118818	20.00	ng	-0.04
21) Naphthalene-d8	7.84	136	470966	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	183700	20.00	ng	-0.05
63) Phenanthrene-d10	11.06	188	237987	20.00	ng	-0.05
75) Chrysene-d12	13.69	240	223077	20.00	ng	-0.05
86) Perylene-d12	15.05	264	183830	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	788455	99.78	ng	-0.03
7) Phenol-d6	6.22	99	933287	98.42	ng	-0.04
23) Nitrobenzene-d5	7.12	82	548864	72.19	ng	-0.05
41) 2,4,6-Tribromophenol	10.37	330	133726	85.28	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	870949	74.91	ng	-0.05
78) Terphenyl-d14	12.64	244	478596	37.21	ng	-0.05
Target Compounds						
10) Phenol	6.23	94	47586	4.44	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	7.12	70	71367	12.49	ng	# 86
25) Isophorone	7.12	82	527372	37.28	ng	# 67
49) Dimethylphthalate	9.31	163	110044	7.96	ng	99
56) 2,4-Dinitrotoluene	9.59	165	23169	6.02	ng	# 32
66) 4-Bromophenyl-phenylether	10.37	248	8427	3.47	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.31	276	3603	3.60	ng	# 72

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

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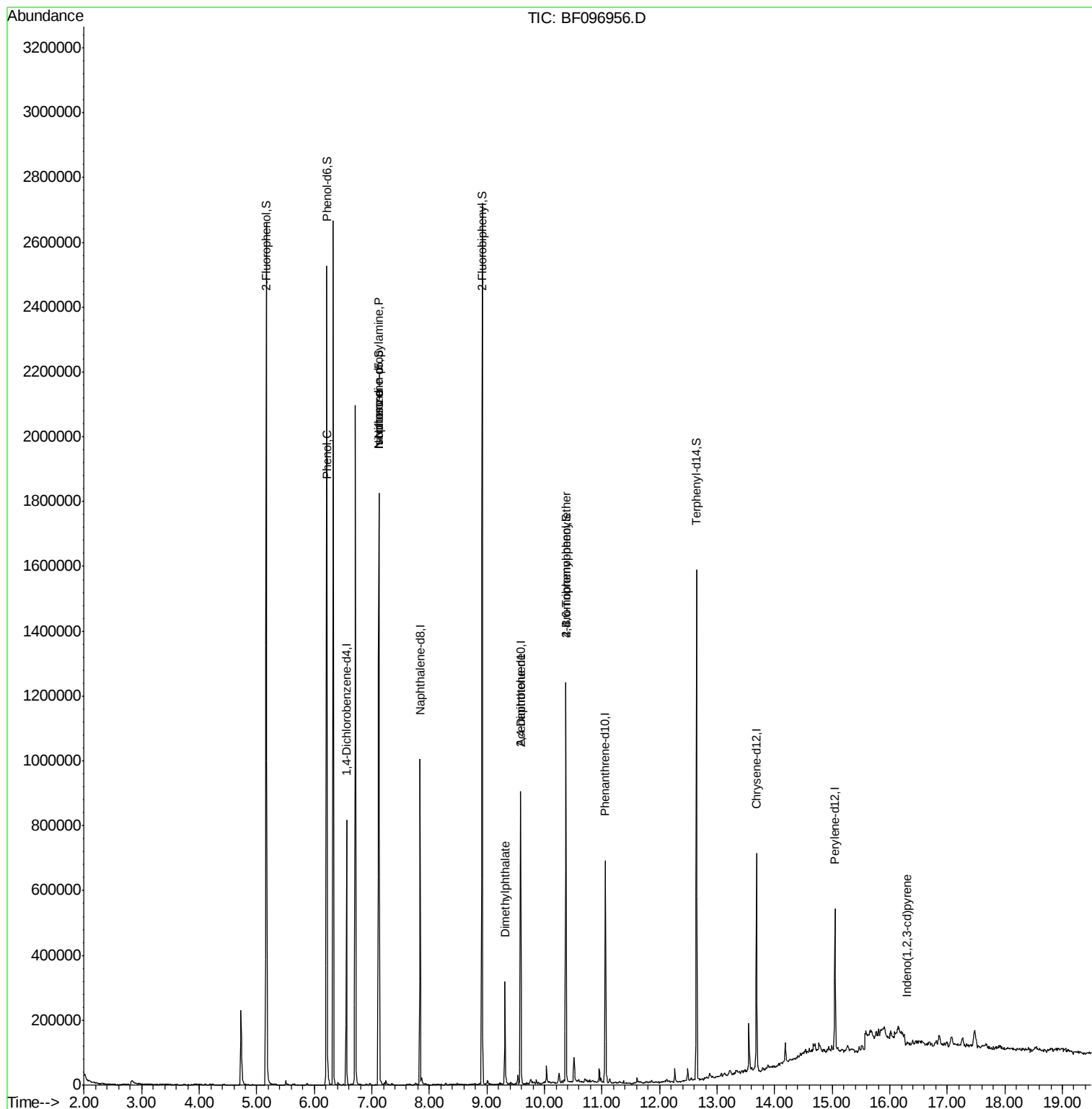
Quant Time: Jul 21 23:15:22 2017

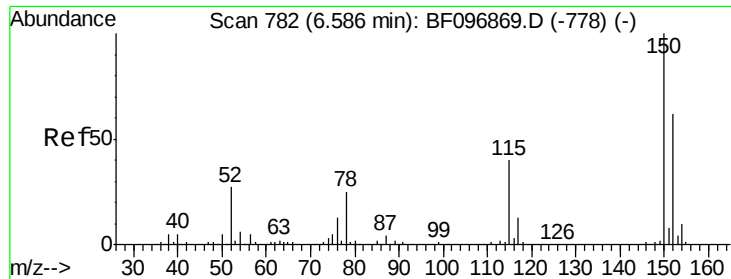
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 18 13:33:22 2017

Response via : Initial Calibration

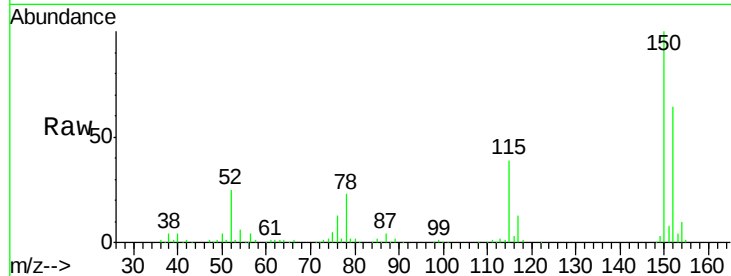




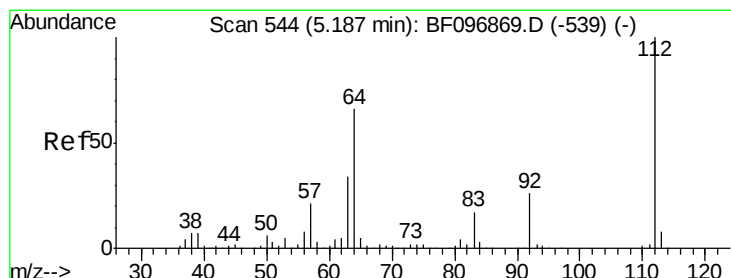
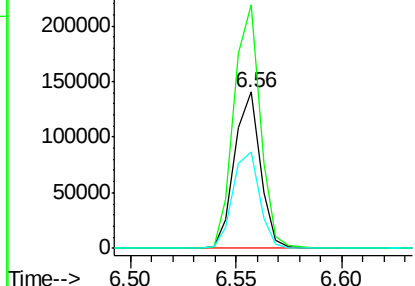
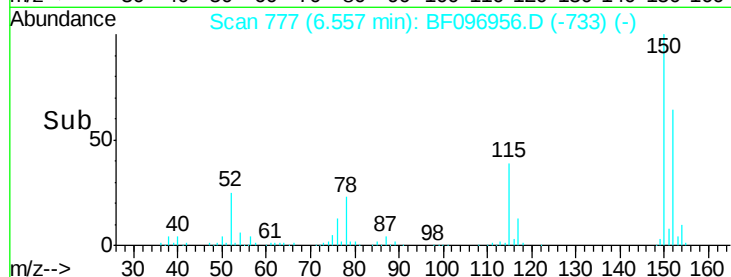
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.56 min Scan# 777
 Delta R.T. -0.04 min
 Lab File: BF096956.D
 Acq: 21 Jul 2017 20:55

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

Tgt Ion:152 Resp: 118818
 Ion Ratio Lower Upper
 152 100
 150 155.6 126.2 189.2
 115 61.4 52.2 78.2

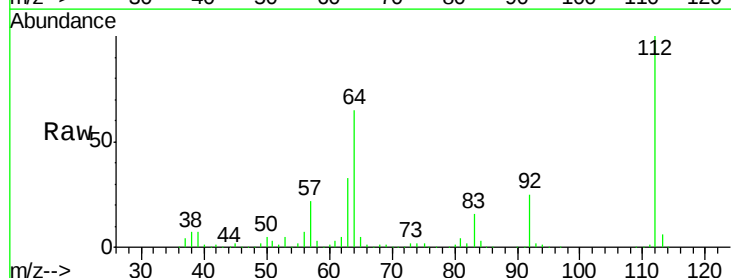


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

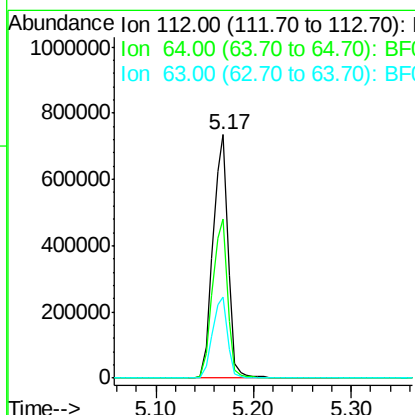
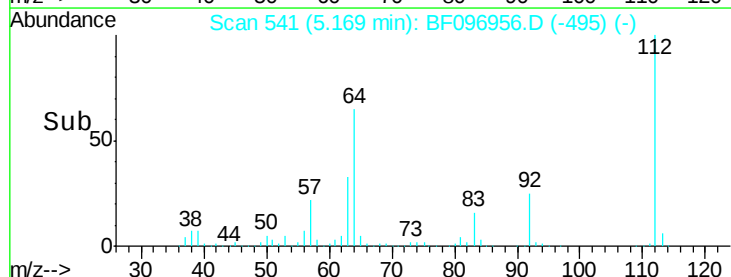


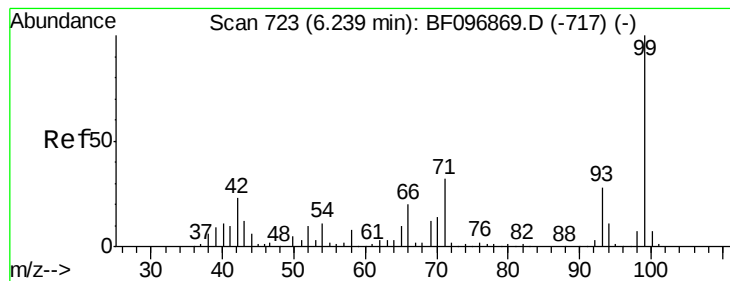
#5
 2-Fluorophenol
 Concen: 99.78 ng
 RT: 5.17 min Scan# 541
 Delta R.T. -0.03 min
 Lab File: BF096956.D
 Acq: 21 Jul 2017 20:55

Tgt Ion:112 Resp: 788455
 Ion Ratio Lower Upper
 112 100
 64 65.3 46.0 69.0
 63 33.3 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: 98.42 ng

RT: 6.22 min Scan# 719

Delta R.T. -0.04 min

Lab File: BF096956.D

Acq: 21 Jul 2017 20:55

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-001-A

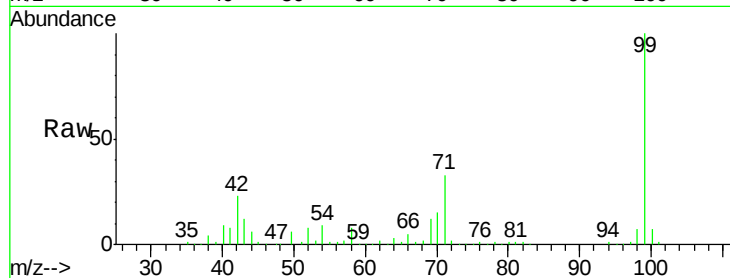
Tgt Ion: 99 Resp: 933287

Ion Ratio Lower Upper

99 100

42 23.4 13.5 20.3#

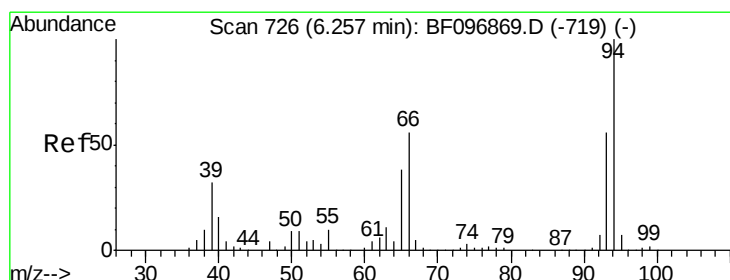
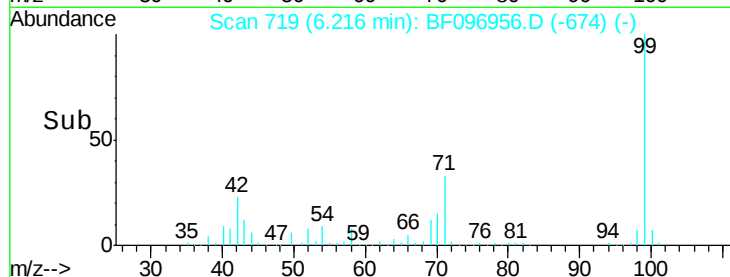
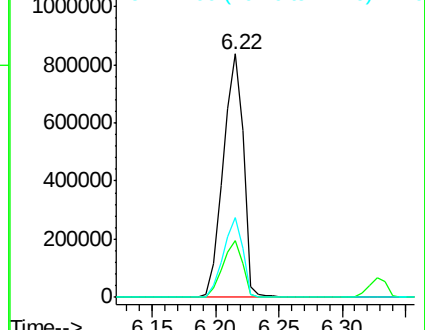
71 32.6 24.5 36.7



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: 4.44 ng

RT: 6.23 min Scan# 721

Delta R.T. -0.04 min

Lab File: BF096956.D

Acq: 21 Jul 2017 20:55

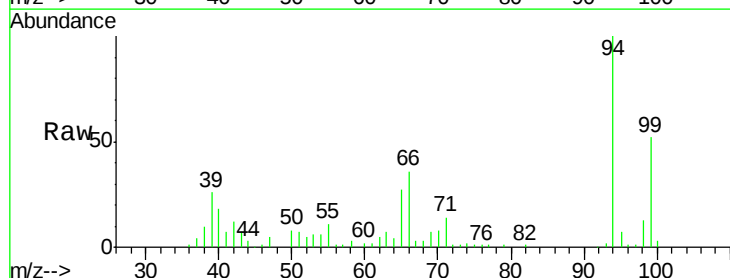
Tgt Ion: 94 Resp: 47586

Ion Ratio Lower Upper

94 100

65 26.6 9.9 49.9

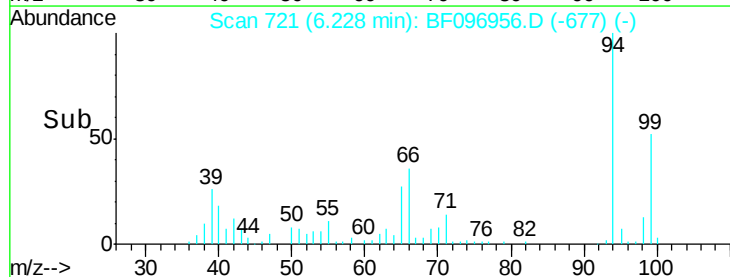
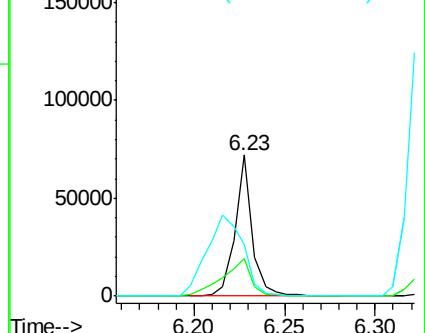
66 36.2 23.1 63.1

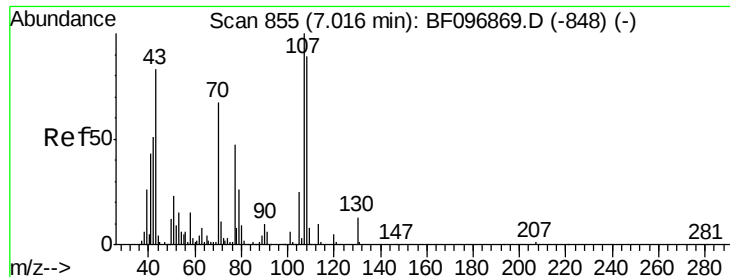


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

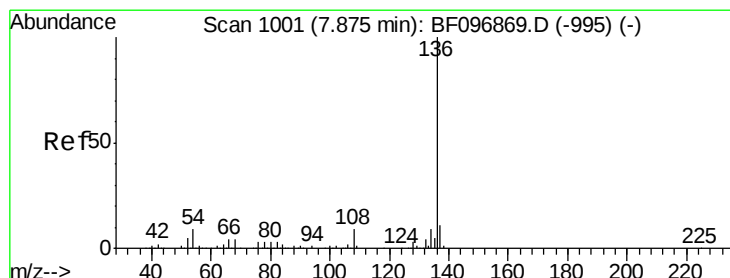
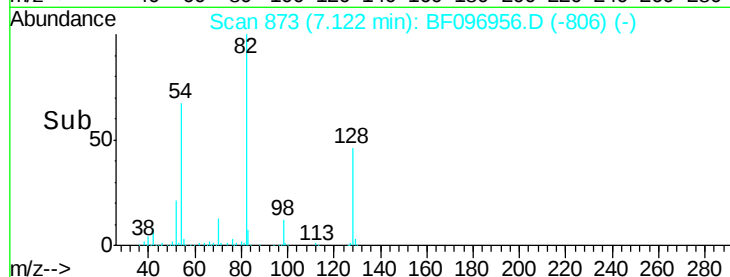
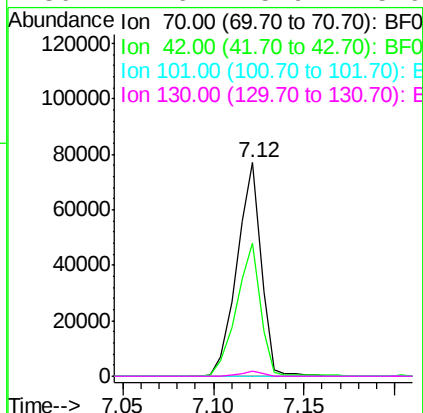
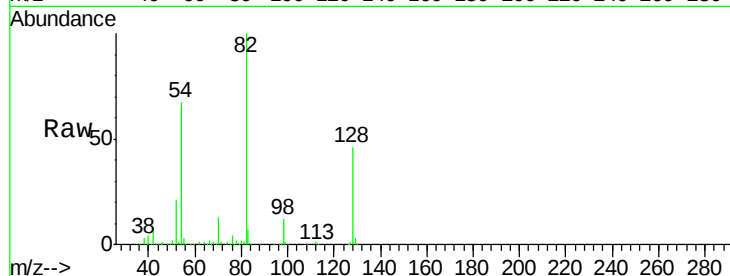




#19
n-Nitroso-di-n-propylamine
Concen: 12.49 ng
RT: 7.12 min Scan# 873
Delta R.T. 0.09 min
Lab File: BF096956.D
Acq: 21 Jul 2017 20:55

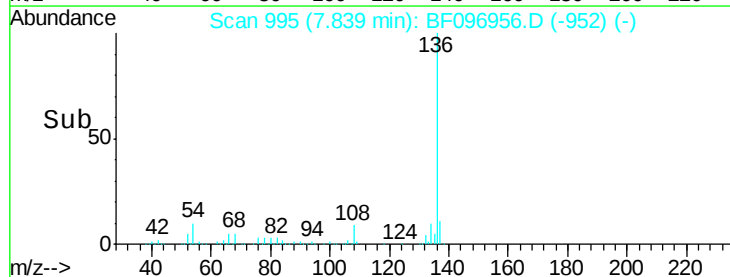
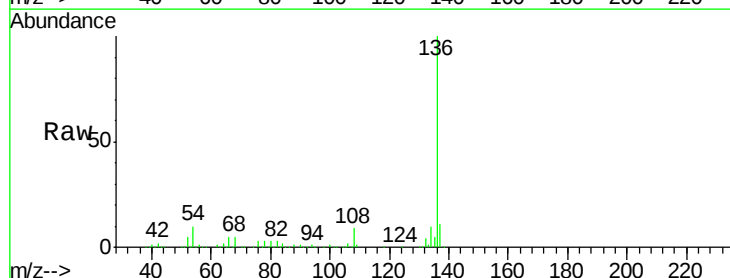
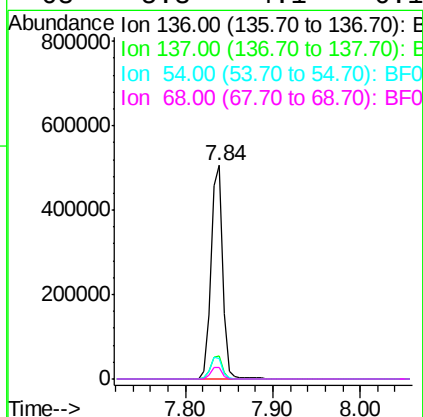
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-A

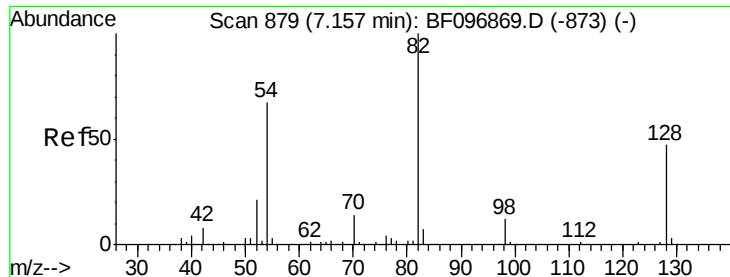
Tgt Ion: 70 Resp: 71367
Ion Ratio Lower Upper
70 100
42 62.2 47.2 70.8
101 0.0 7.2 10.8#
130 2.6 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 995
Delta R.T. -0.05 min
Lab File: BF096956.D
Acq: 21 Jul 2017 20:55

Tgt Ion: 136 Resp: 470966
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 9.8 4.9 7.3#
68 5.3 4.1 6.1

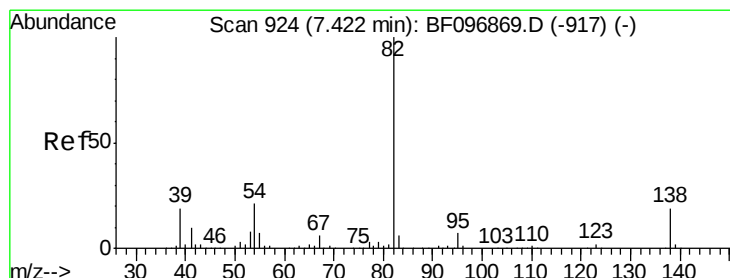
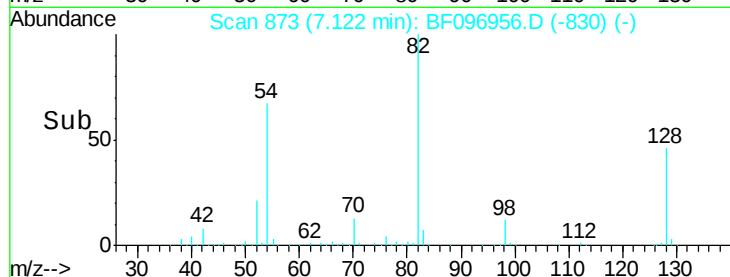
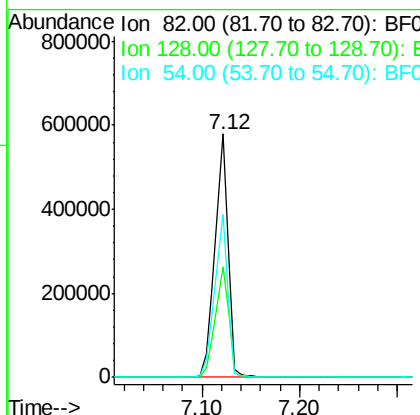
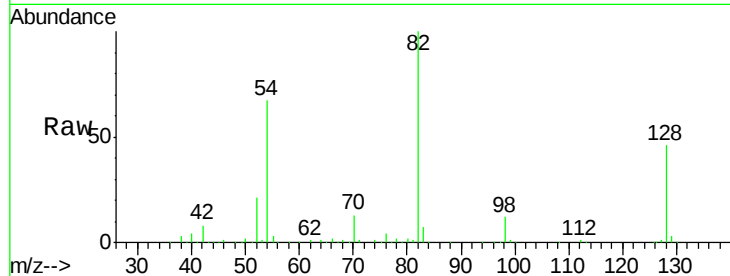




#23
Nitrobenzene-d5
Concen: 72.19 ng
RT: 7.12 min Scan# 873
Delta R.T. -0.05 min
Lab File: BF096956.D
Acq: 21 Jul 2017 20:55

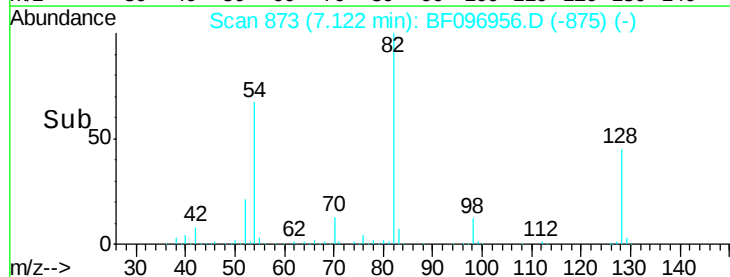
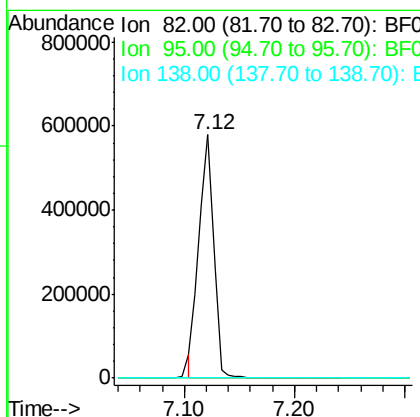
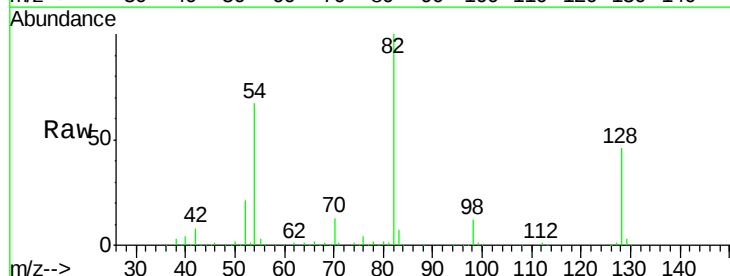
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-A

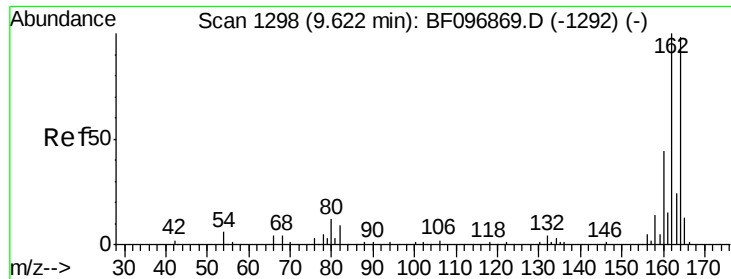
Tgt Ion: 82 Resp: 548864
Ion Ratio Lower Upper
82 100
128 45.6 34.0 51.0
54 66.7 42.2 63.2#



#25
Isophorone
Concen: 37.28 ng
RT: 7.12 min Scan# 873
Delta R.T. -0.31 min
Lab File: BF096956.D
Acq: 21 Jul 2017 20:55

Tgt Ion: 82 Resp: 527372
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#

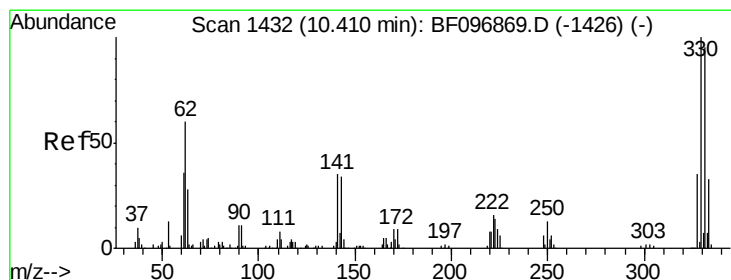
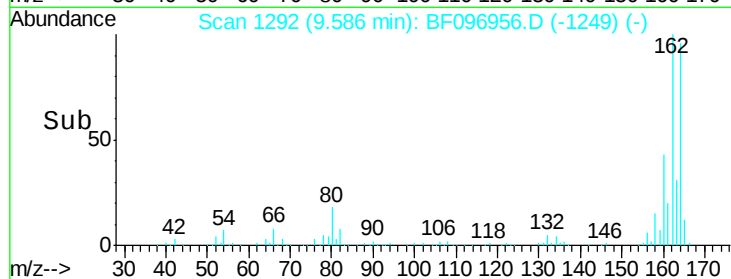
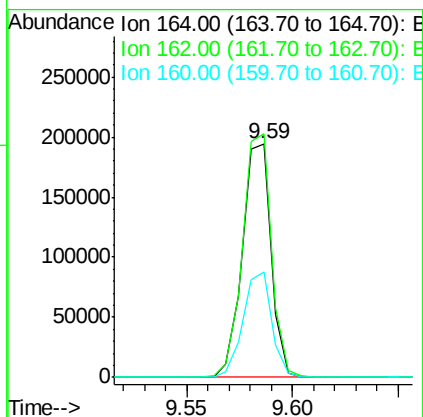
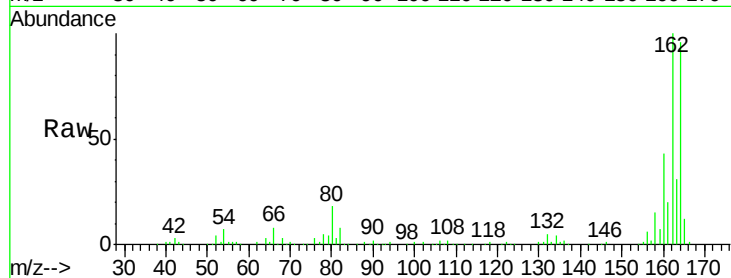




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 1292
Delta R.T. -0.05 min
Lab File: BF096956.D
Acq: 21 Jul 2017 20:55

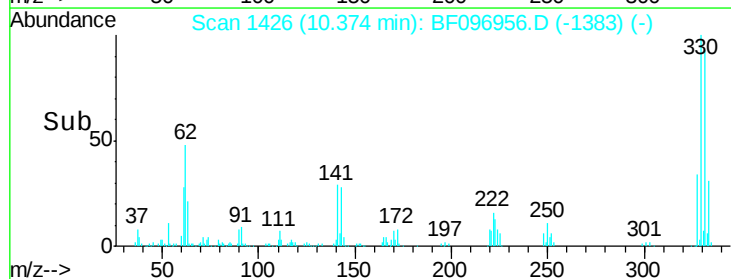
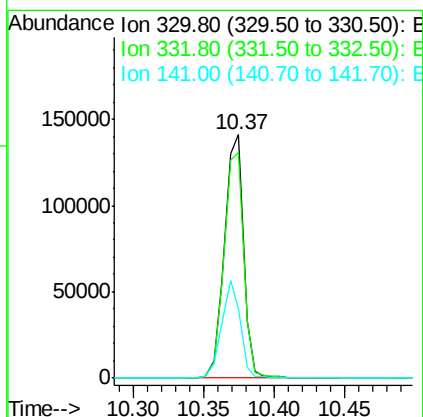
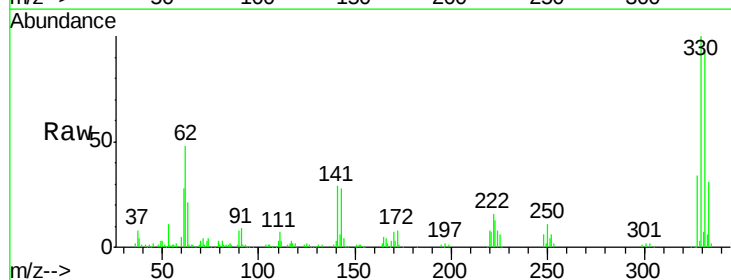
Instrument :
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ClientSampleId :
FK-SF-03-001-A

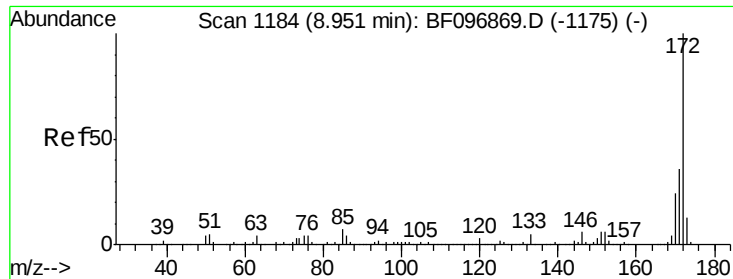
Tgt Ion:164 Resp: 183700
Ion Ratio Lower Upper
164 100
162 104.1 82.6 123.8
160 45.1 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 85.28 ng
RT: 10.37 min Scan# 1426
Delta R.T. -0.05 min
Lab File: BF096956.D
Acq: 21 Jul 2017 20:55

Tgt Ion:330 Resp: 133726
Ion Ratio Lower Upper
330 100
332 95.7 76.6 115.0
141 38.5 31.4 47.2

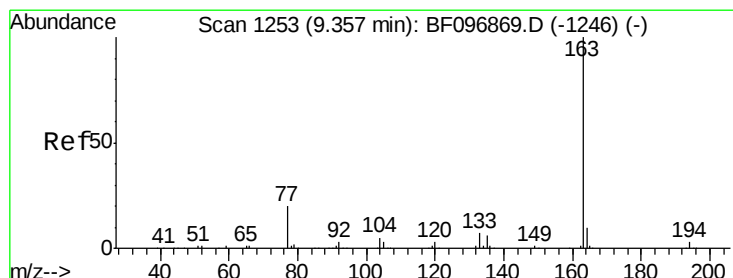
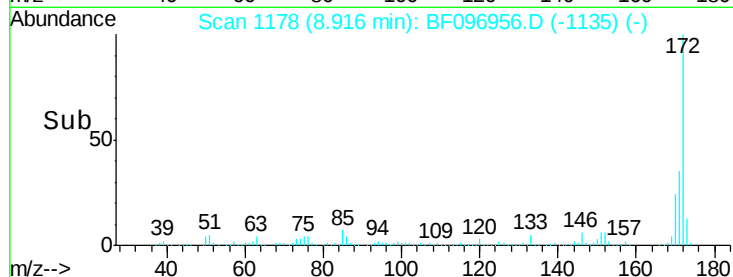
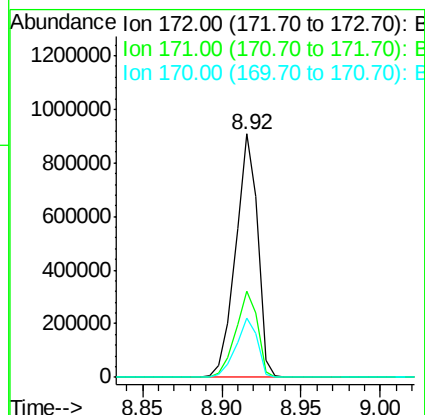
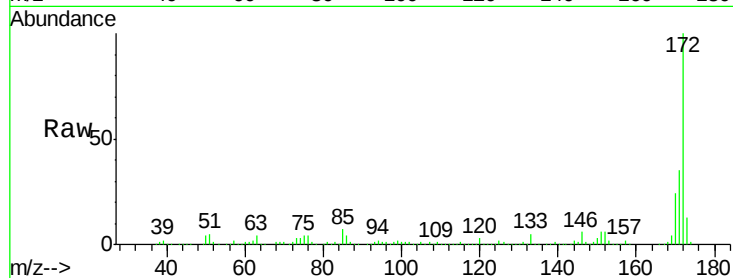




#44
2-Fluorobiphenyl
Concen: 74.91 ng
RT: 8.92 min Scan# 1178
Delta R.T. -0.05 min
Lab File: BF096956.D
Acq: 21 Jul 2017 20:55

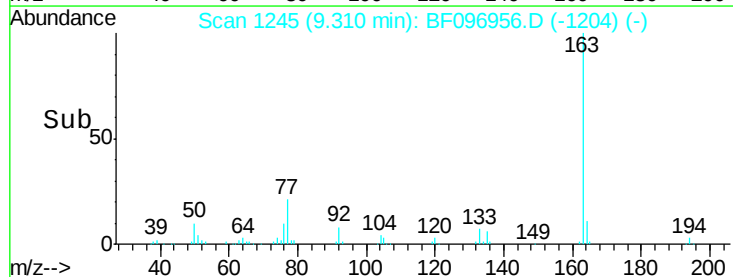
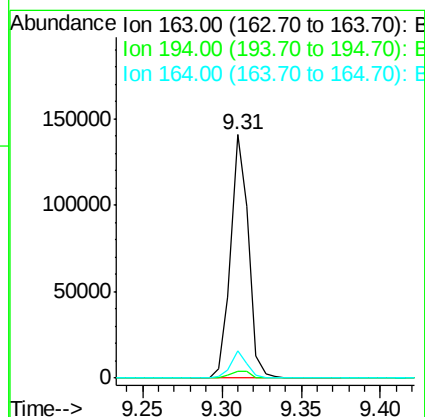
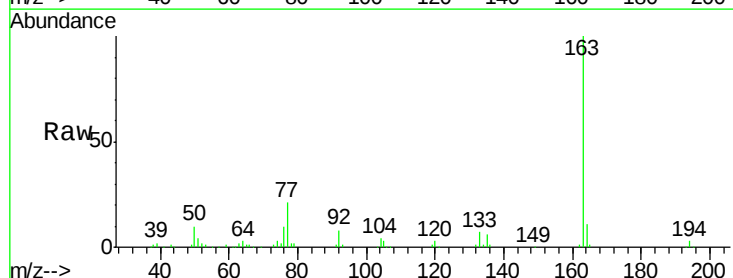
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Tgt Ion:172 Resp: 870949
Ion Ratio Lower Upper
172 100
171 35.2 29.6 44.4
170 24.3 19.8 29.8



#49
Dimethylphthalate
Concen: 7.96 ng
RT: 9.31 min Scan# 1245
Delta R.T. -0.06 min
Lab File: BF096956.D
Acq: 21 Jul 2017 20:55

Tgt Ion:163 Resp: 110044
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 11.1 8.4 12.6

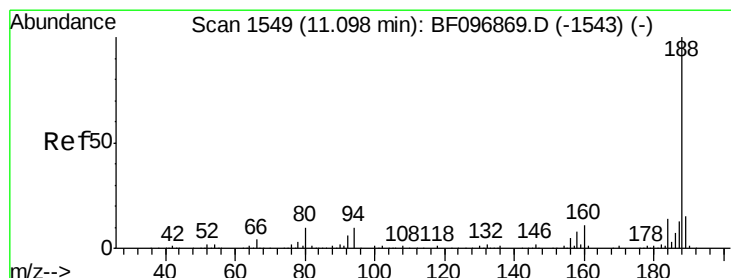
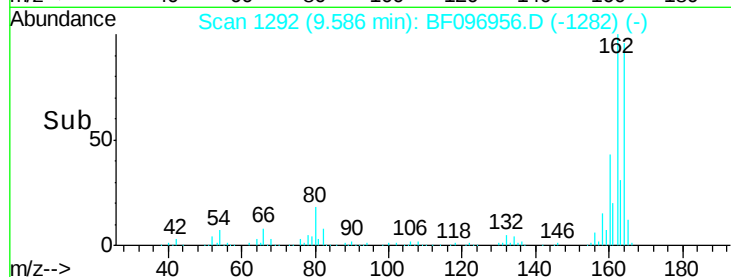
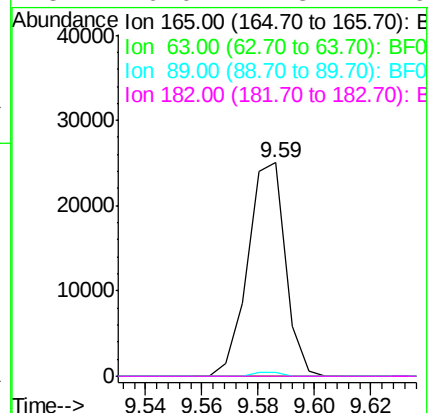
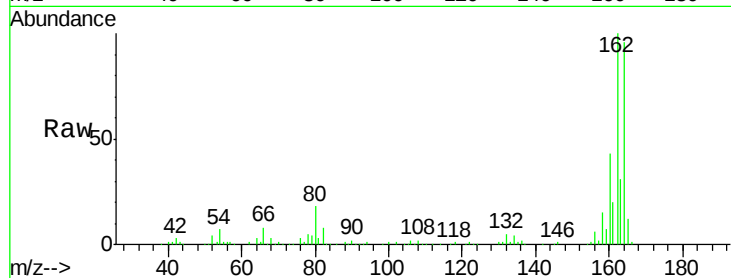




#56
 2,4-Dinitrotoluene
 Concen: 6.02 ng
 RT: 9.59 min Scan# 1292
 Delta R.T. -0.24 min
 Lab File: BF096956.D
 Acq: 21 Jul 2017 20:55

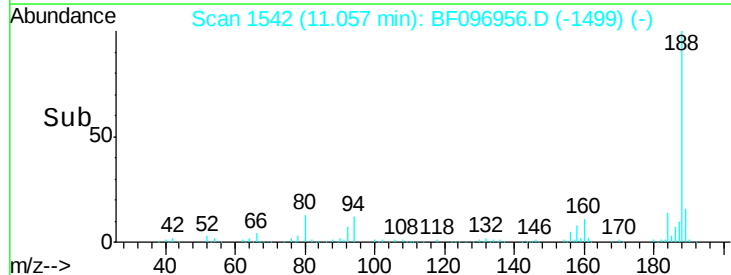
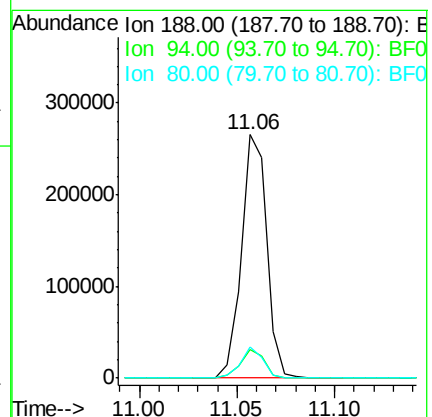
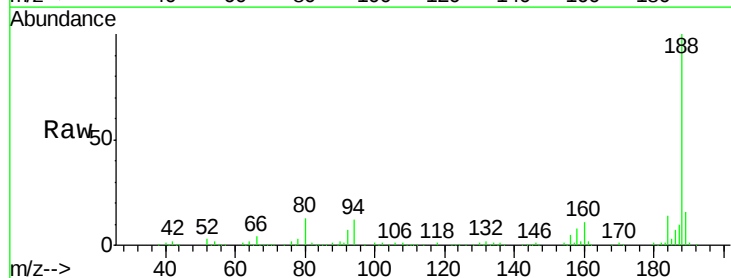
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-A

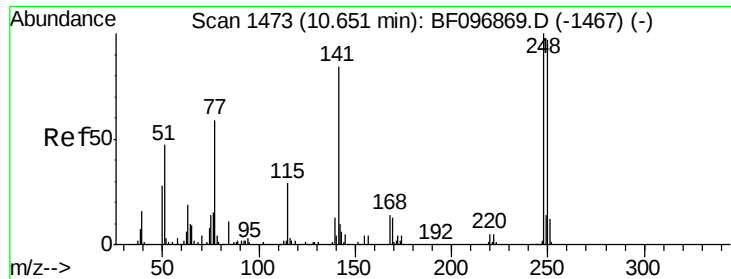
Tgt Ion:	165	Resp:	23169
Ion Ratio	Lower	Upper	
165	100		
63	0.0	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.06 min Scan# 1542
 Delta R.T. -0.05 min
 Lab File: BF096956.D
 Acq: 21 Jul 2017 20:55

Tgt Ion:	188	Resp:	237987
Ion Ratio	Lower	Upper	
188	100		
94	11.8	9.4	14.2
80	12.7	10.2	15.2

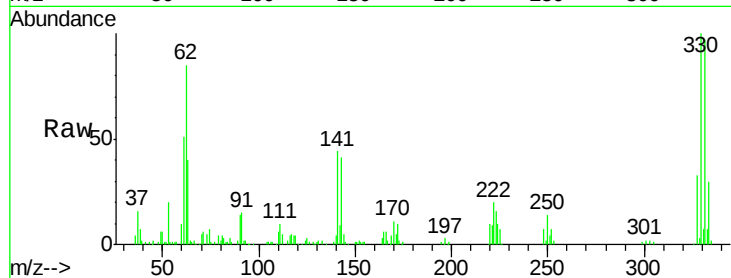




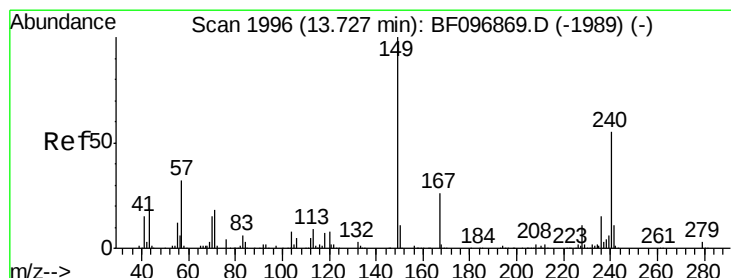
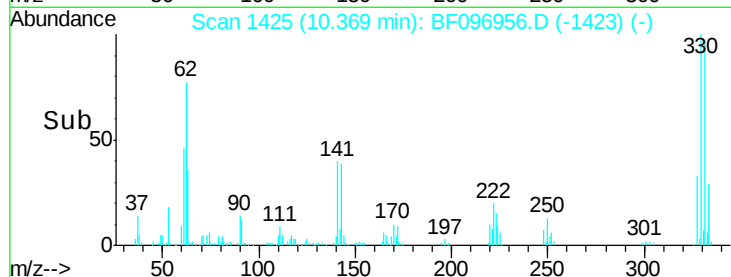
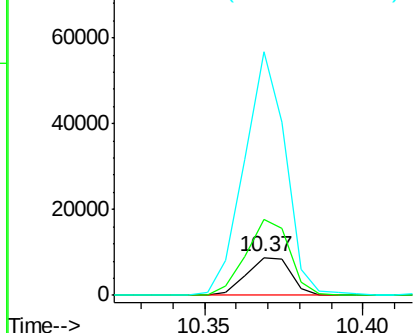
#66
4-Bromophenyl-phenylether
Concen: 3.47 ng
RT: 10.37 min Scan# 1425
Delta R.T. -0.29 min
Lab File: BF096956.D
Acq: 21 Jul 2017 20:55

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

Tgt Ion:248 Resp: 8427
Ion Ratio Lower Upper
248 100
250 200.4 76.8 115.2#
141 645.5 68.6 103.0#

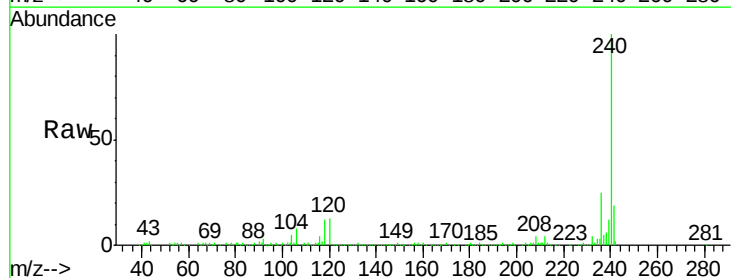


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

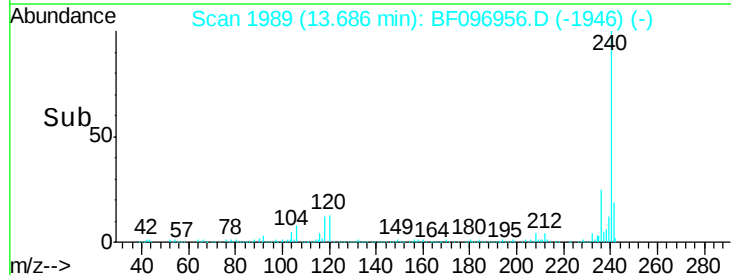
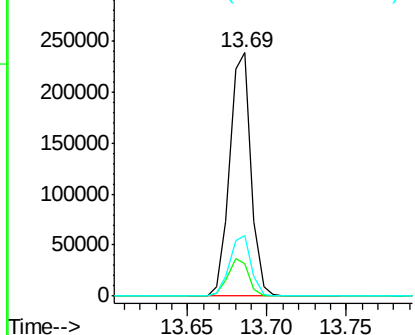


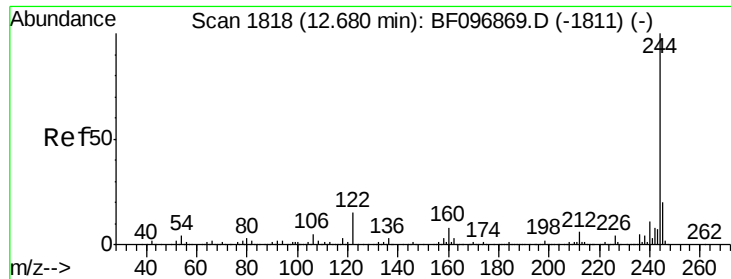
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1989
Delta R.T. -0.05 min
Lab File: BF096956.D
Acq: 21 Jul 2017 20:55

Tgt Ion:240 Resp: 223077
Ion Ratio Lower Upper
240 100
120 13.3 5.8 8.8#
236 24.8 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

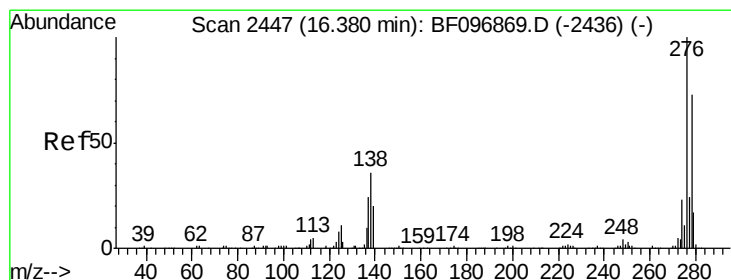
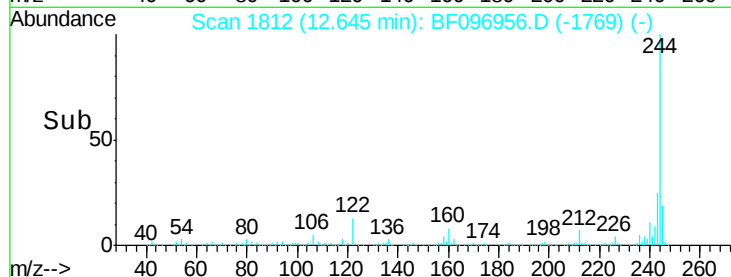
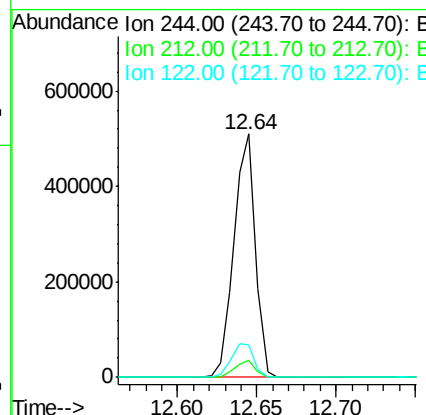
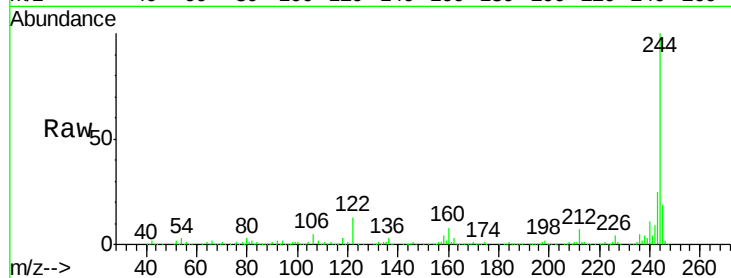




#78
 Terphenyl-d14
 Concen: 37.21 ng
 RT: 12.64 min Scan# 1812
 Delta R.T. -0.05 min
 Lab File: BF096956.D
 Acq: 21 Jul 2017 20:55

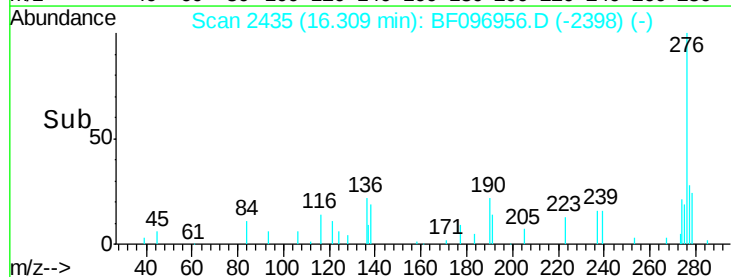
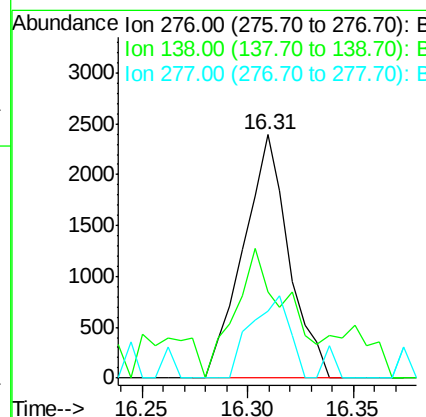
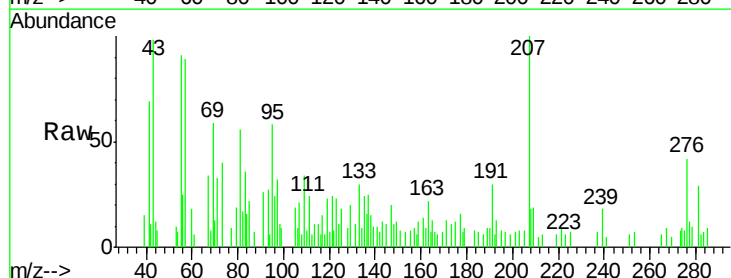
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-A

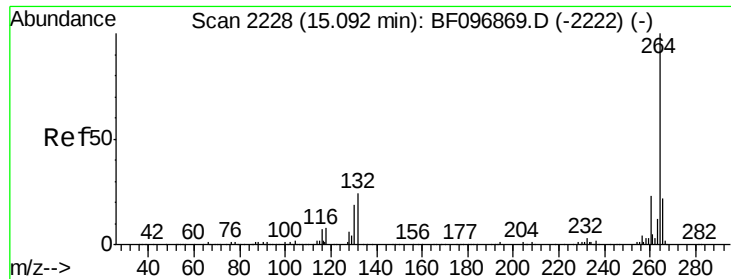
Tgt Ion: 244 Resp: 478596
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.3 10.3 15.5



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.60 ng
 RT: 16.31 min Scan# 2435
 Delta R.T. -0.08 min
 Lab File: BF096956.D
 Acq: 21 Jul 2017 20:55

Tgt Ion: 276 Resp: 3603
 Ion Ratio Lower Upper
 276 100
 138 60.2 27.8 41.6#
 277 28.6 20.2 30.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 2221
Delta R.T. -0.05 min
Lab File: BF096956.D
Acq: 21 Jul 2017 20:55

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	21.3	17.2	25.8

