

Data File : BF100011.D
Acq On : 31 Oct 2017 18:51
Operator : SJ/JU
Sample : I6213-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-019

Quant Time: Nov 01 08:15:09 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 16:51:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	99928	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	412401	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	185406	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	316826	20.00	ng	0.00
75) Chrysene-d12	13.98	240	191920	20.00	ng	0.00
86) Perylene-d12	15.47	264	174606	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	515512	80.99	ng	0.00
7) Phenol-d6	6.43	99	624111	82.70	ng	0.00
23) Nitrobenzene-d5	7.36	82	351284	54.84	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	141797	83.92	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	702203	58.43	ng	0.00
78) Terphenyl-d14	12.90	244	544399	61.99	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	9271	2.06	ng	89
19) n-Nitroso-di-n-propylamine	7.36	70	43462	9.83	ng	# 73
25) Isophorone	7.36	82	351284	30.22	ng	# 64
49) Dimethylphthalate	9.54	163	267121	18.19	ng	99
56) 2,4-Dinitrotoluene	9.82	165	24148	6.50	ng	# 23
66) 4-Bromophenyl-phenylether	10.62	248	8741	2.62	ng	# 1

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

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FK-PS-01-019

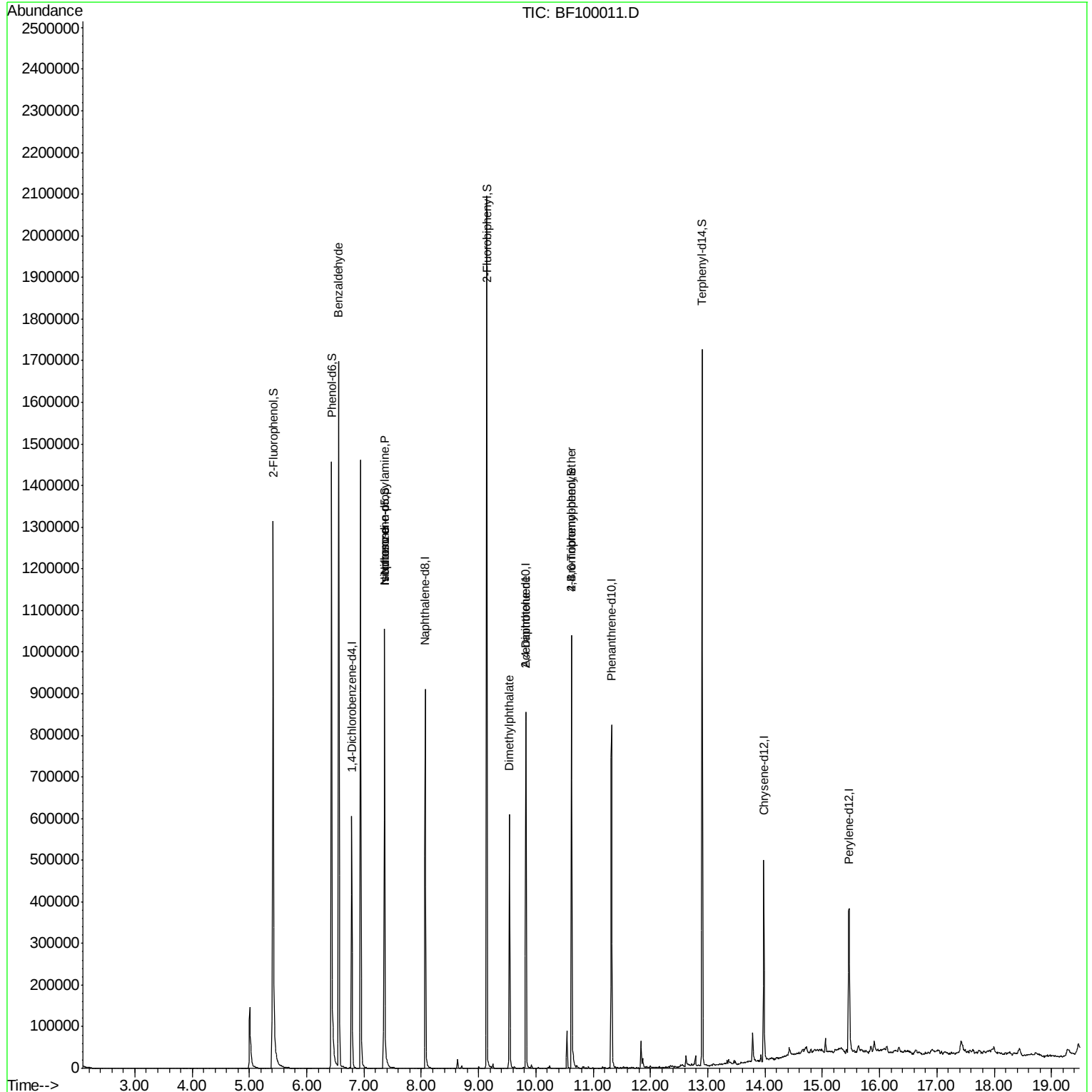
Quant Time: Nov 01 08:15:09 2017

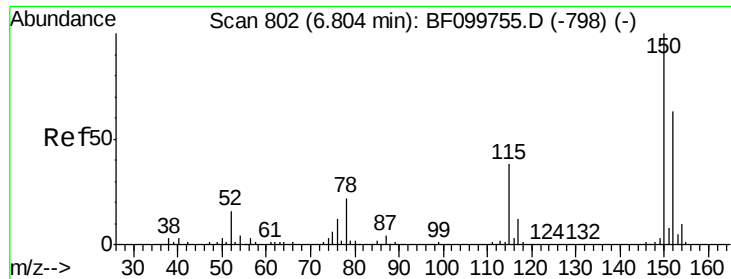
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M

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Response via : Initial Calibration

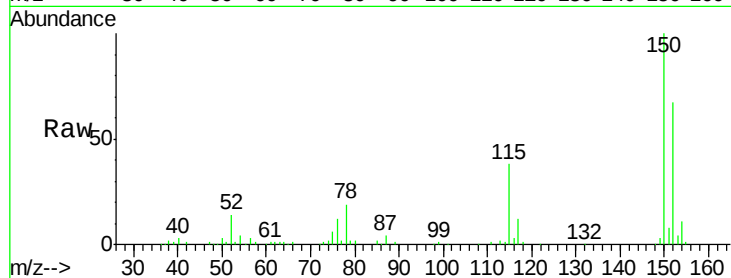




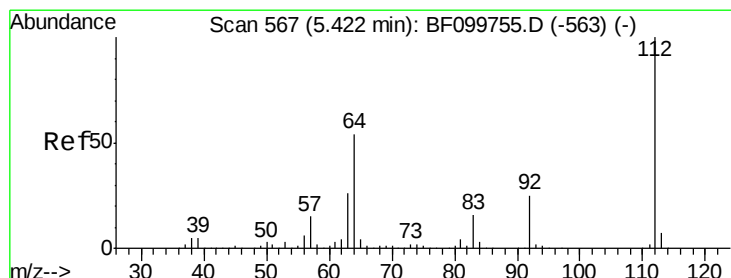
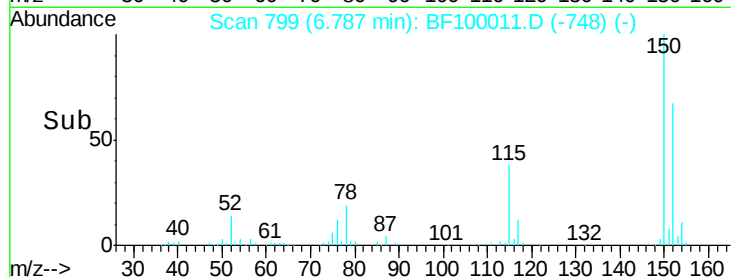
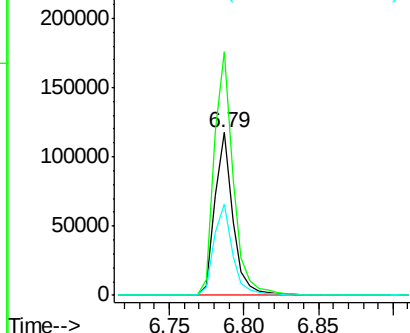
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF100011.D
 Acq: 31 Oct 2017 18:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-019

Tgt Ion:152 Resp: 99928
 Ion Ratio Lower Upper
 152 100
 150 149.9 124.6 186.8
 115 56.3 50.1 75.1

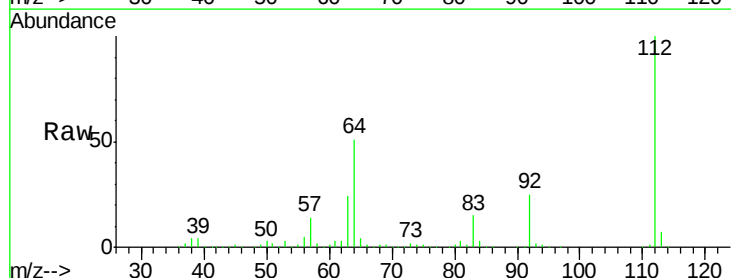


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

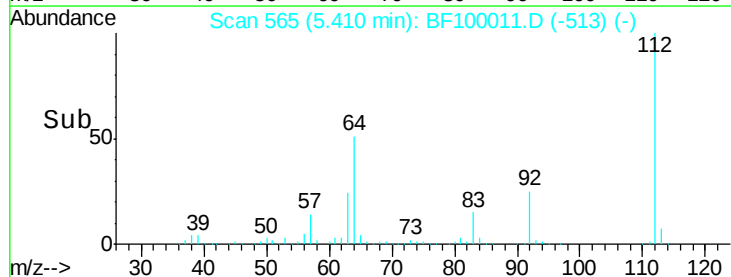
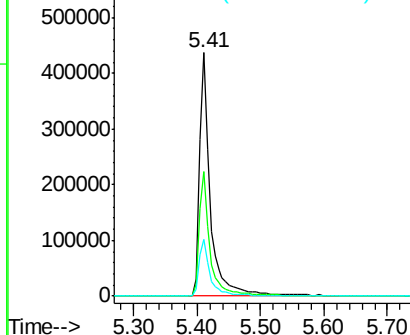


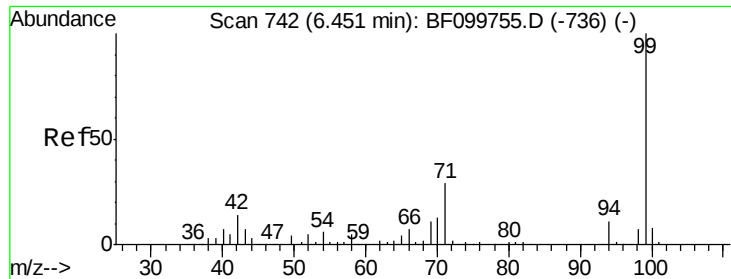
#5
 2-Fluorophenol
 Concen: 80.99 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF100011.D
 Acq: 31 Oct 2017 18:51

Tgt Ion:112 Resp: 515512
 Ion Ratio Lower Upper
 112 100
 64 51.2 47.9 71.9
 63 23.6 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 82.70 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF100011.D

Acq: 31 Oct 2017 18:51

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-019

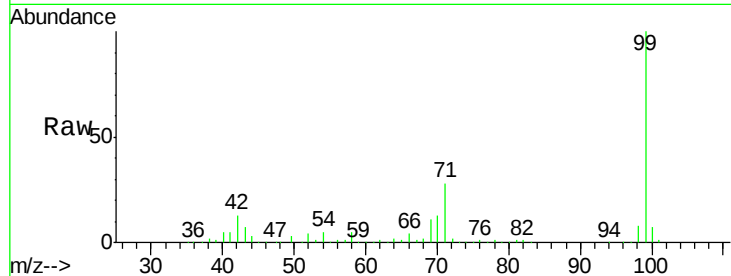
Tgt Ion: 99 Resp: 624111

Ion Ratio Lower Upper

99 100

42 13.0 14.5 21.7#

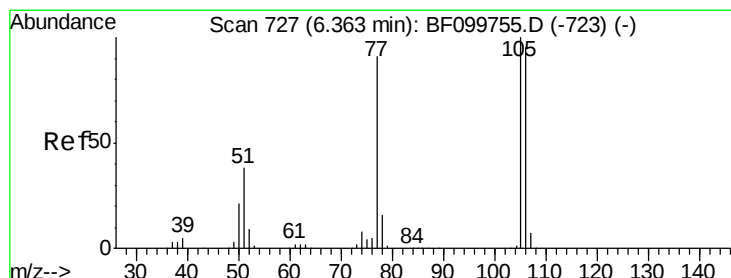
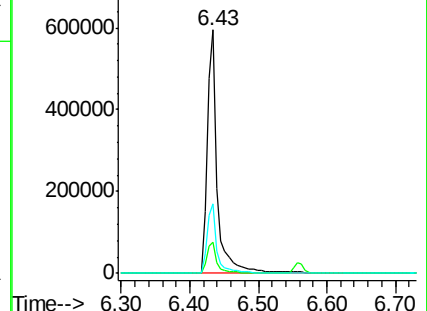
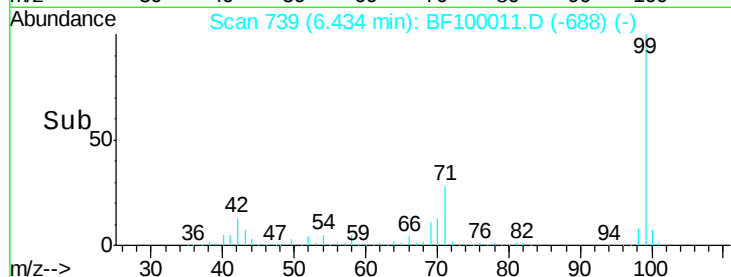
71 28.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.06 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.21 min

Lab File: BF100011.D

Acq: 31 Oct 2017 18:51

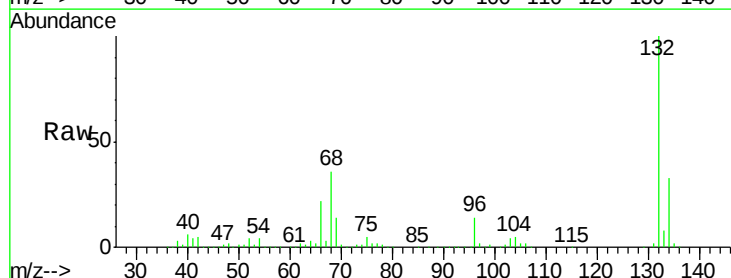
Tgt Ion: 77 Resp: 9271

Ion Ratio Lower Upper

77 100

105 86.5 81.1 121.1

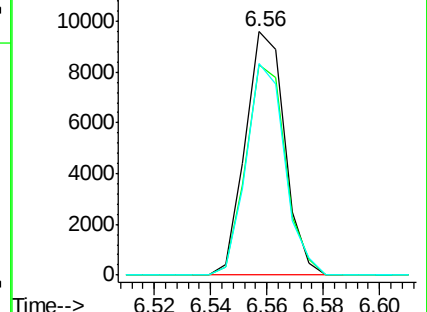
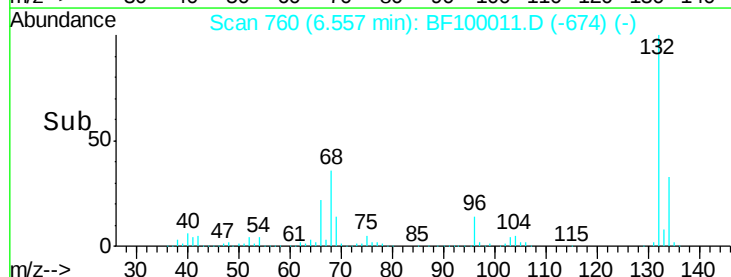
106 87.0 74.5 114.5

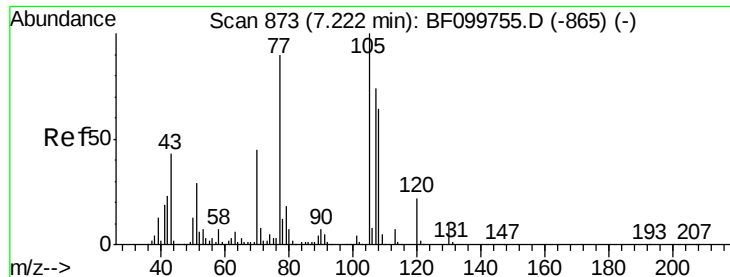


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

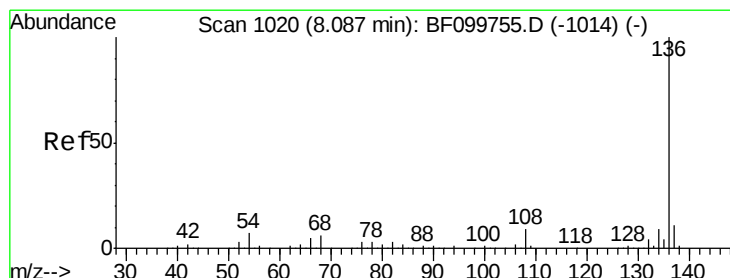
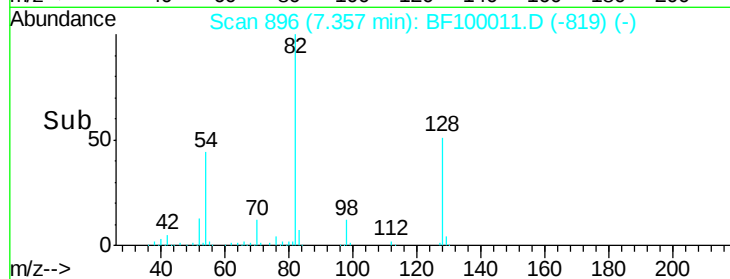
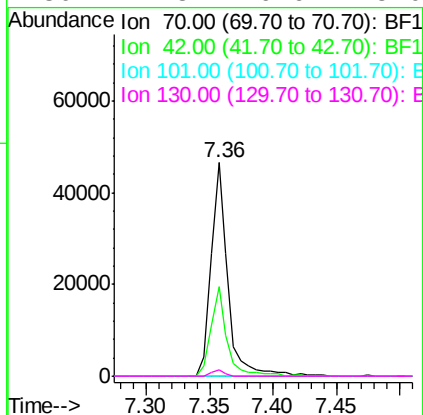
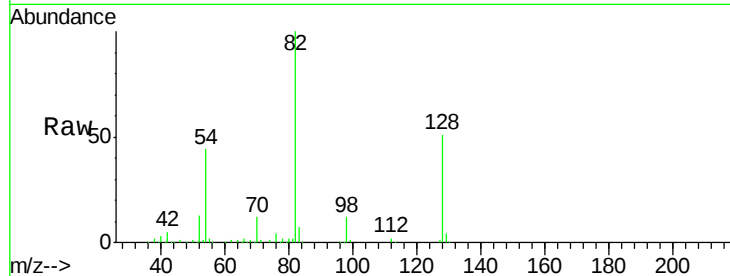




#19
n-Nitroso-di-n-propylamine
Concen: 9.83 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF100011.D
Acq: 31 Oct 2017 18:51

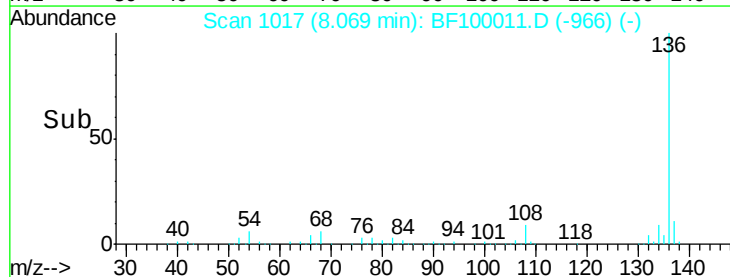
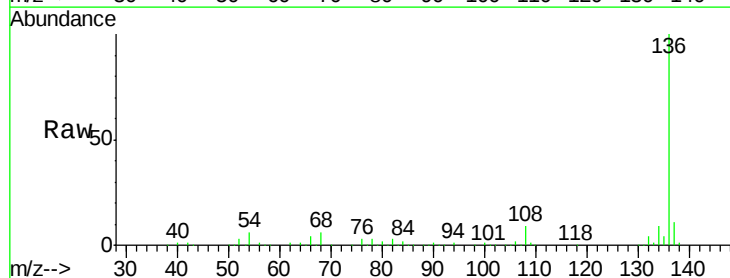
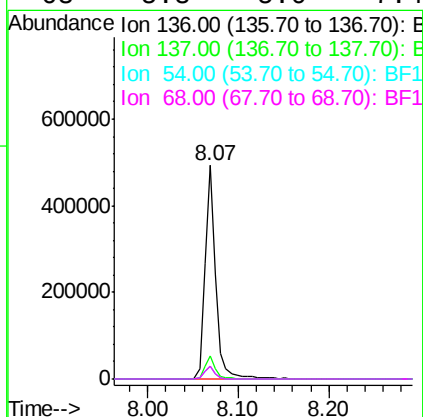
Instrument :
BNA_F
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FK-PS-01-019

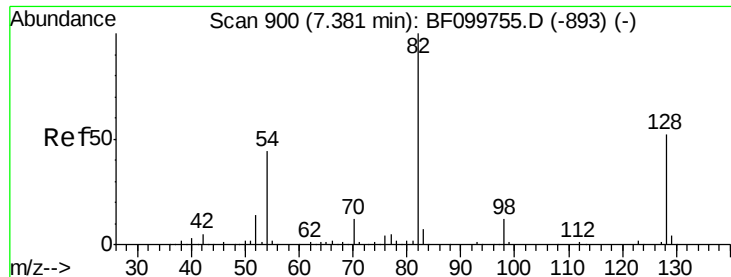
Tgt Ion: 70 Resp: 43462
Ion Ratio Lower Upper
70 100
42 42.1 47.5 71.3#
101 0.0 7.4 11.2#
130 2.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF100011.D
Acq: 31 Oct 2017 18:51

Tgt Ion: 136 Resp: 412401
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.2 6.6 9.8#
68 5.8 5.0 7.4

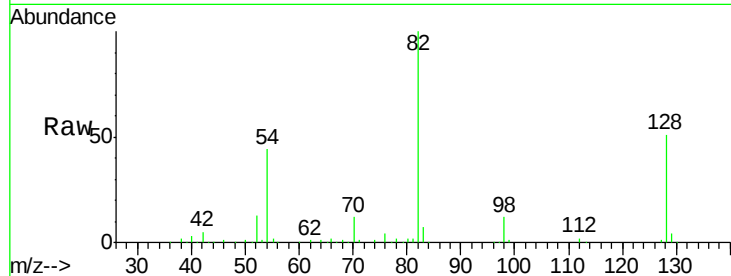




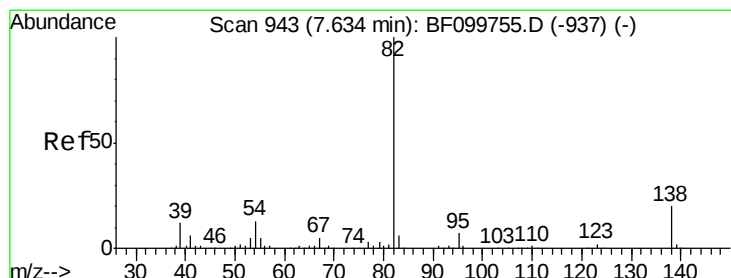
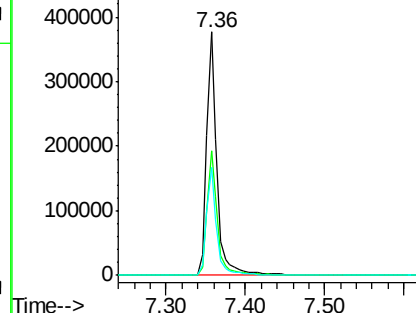
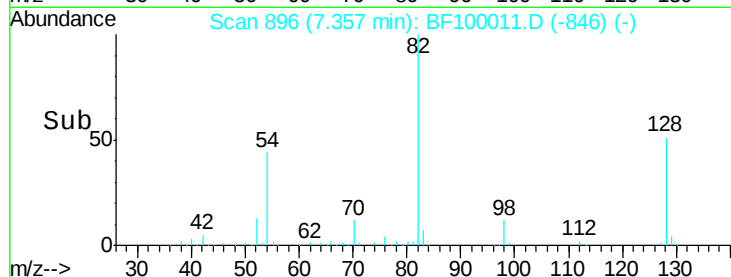
#23
 Nitrobenzene-d5
 Concen: 54.84 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF100011.D
 Acq: 31 Oct 2017 18:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-019

Tgt Ion: 82 Resp: 351284
 Ion Ratio Lower Upper
 82 100
 128 51.2 36.1 54.1
 54 44.5 41.4 62.2

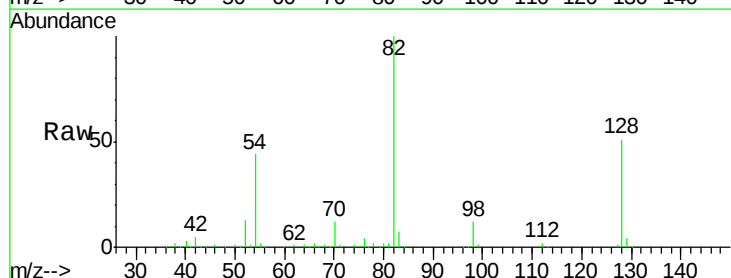


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

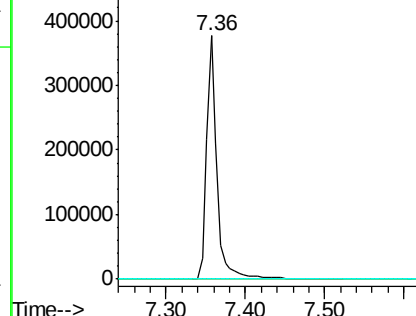
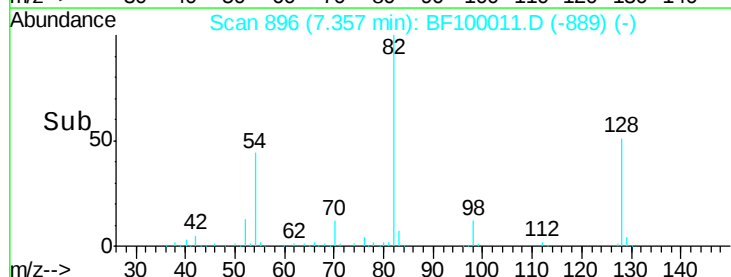


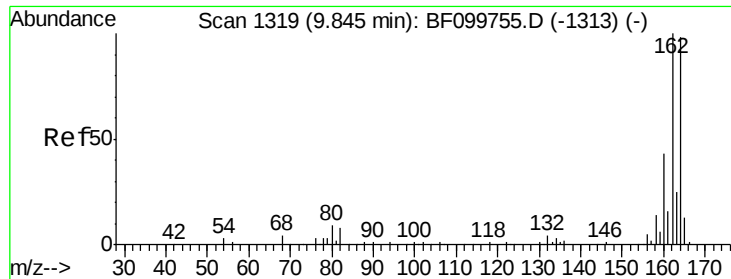
#25
 Isophorone
 Concen: 30.22 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.26 min
 Lab File: BF100011.D
 Acq: 31 Oct 2017 18:51

Tgt Ion: 82 Resp: 351284
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF100011.D

Acq: 31 Oct 2017 18:51

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-019

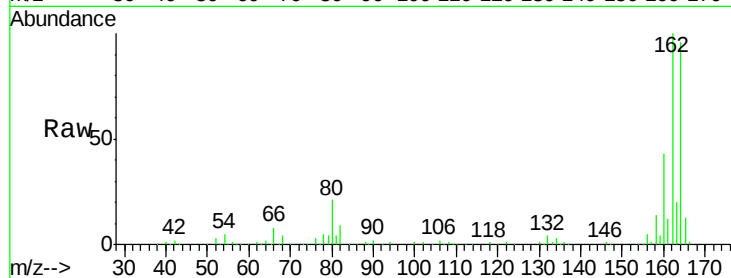
Tgt Ion:164 Resp: 185406

Ion Ratio Lower Upper

164 100

162 103.9 86.1 129.1

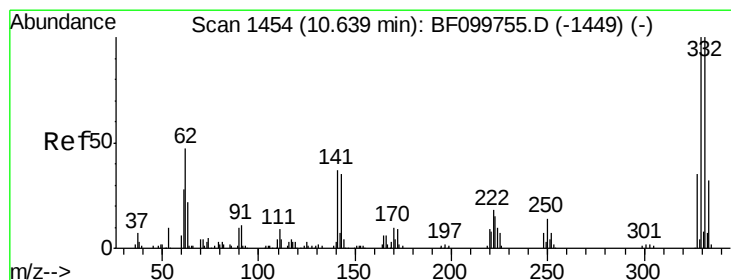
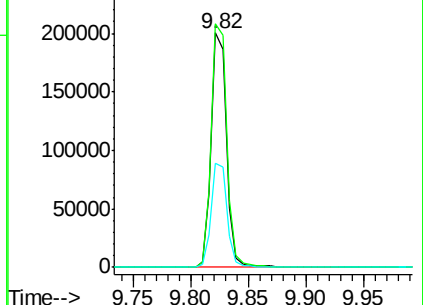
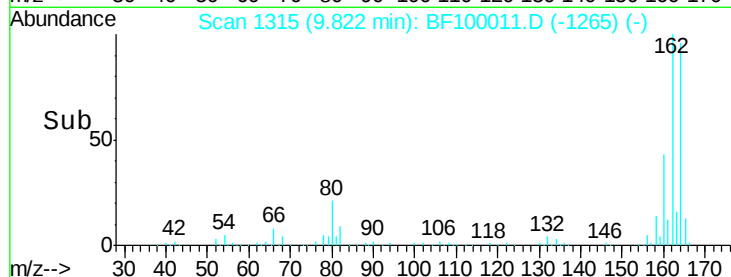
160 44.6 38.3 57.5



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: 83.92 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF100011.D

Acq: 31 Oct 2017 18:51

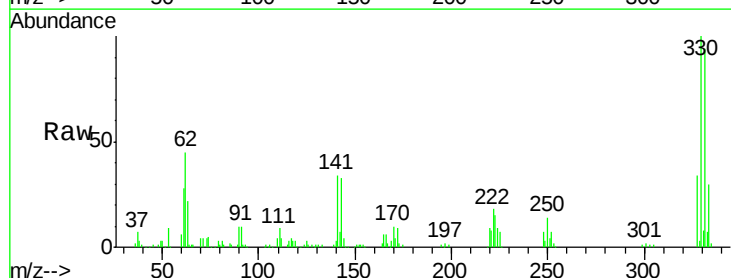
Tgt Ion:330 Resp: 141797

Ion Ratio Lower Upper

330 100

332 93.9 77.0 115.6

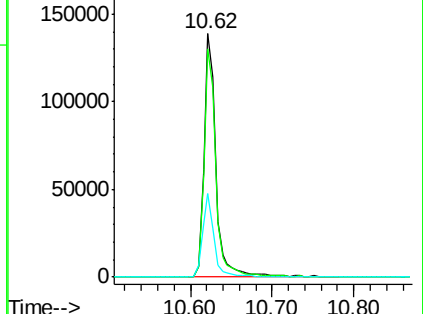
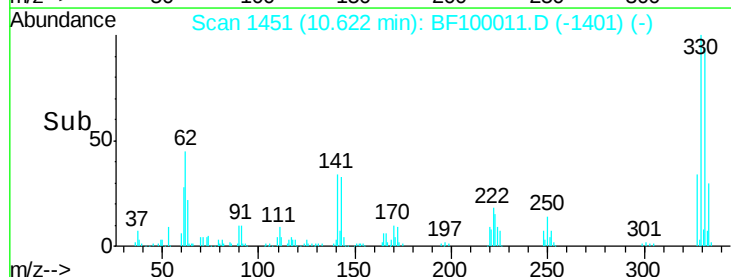
141 32.9 29.9 44.9

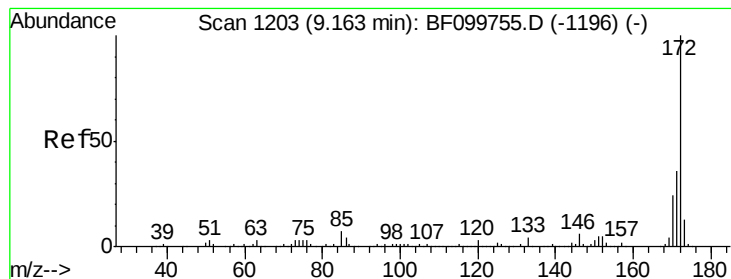


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 58.43 ng

RT: 9.15 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF100011.D

Acq: 31 Oct 2017 18:51

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-019

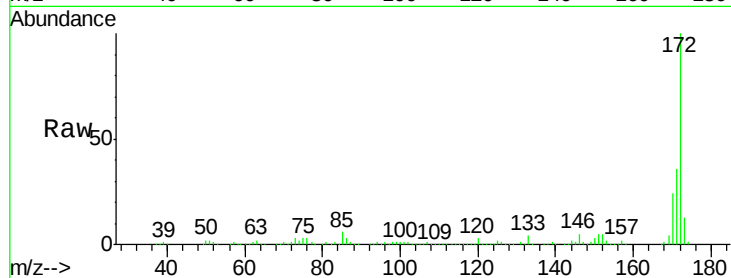
Tgt Ion:172 Resp: 702203

Ion Ratio Lower Upper

172 100

171 35.7 29.7 44.5

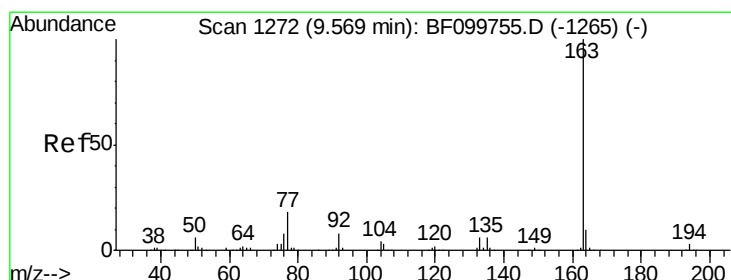
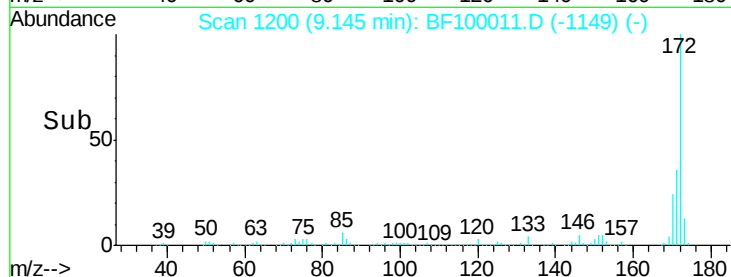
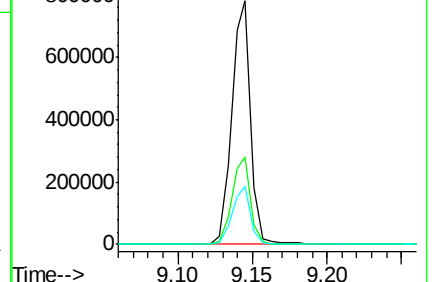
170 23.7 19.6 29.4



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: 18.19 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF100011.D

Acq: 31 Oct 2017 18:51

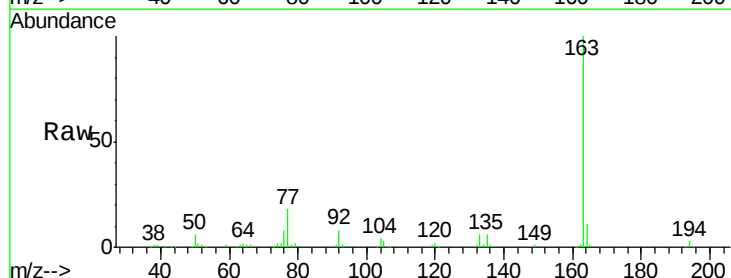
Tgt Ion:163 Resp: 267121

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

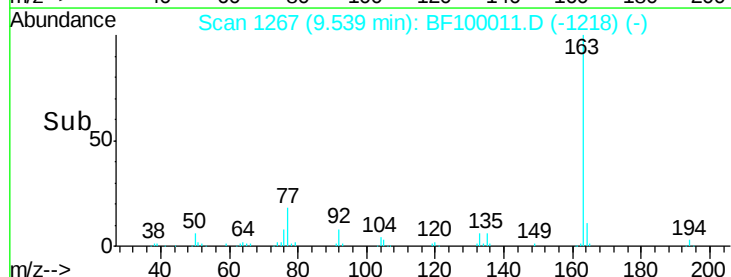
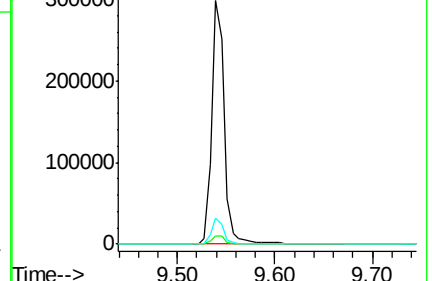
164 10.9 8.2 12.2

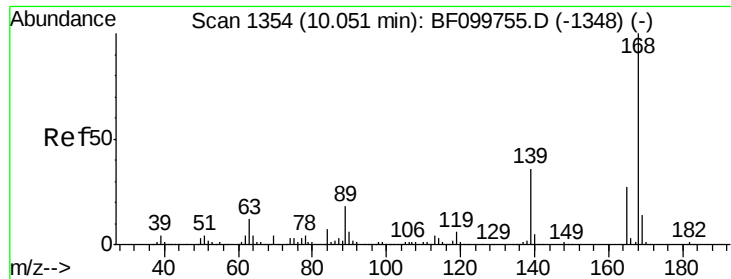


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

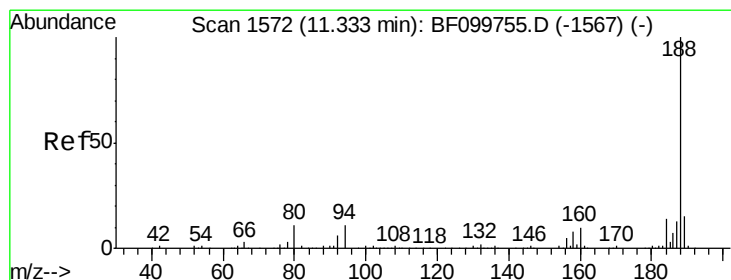
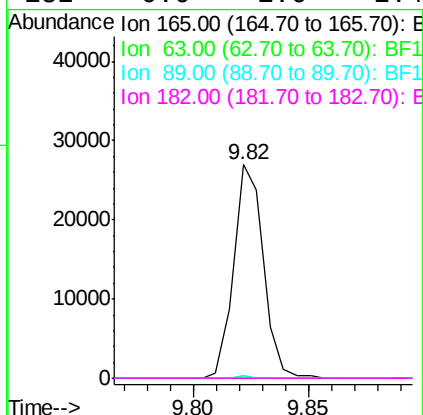
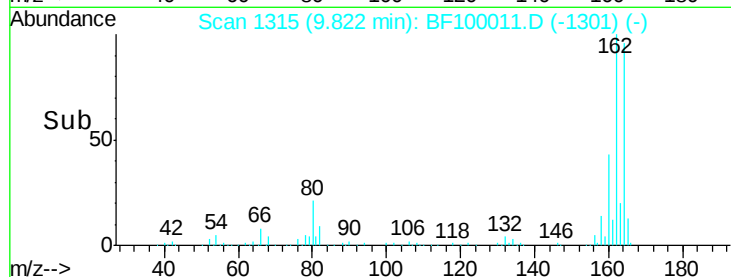
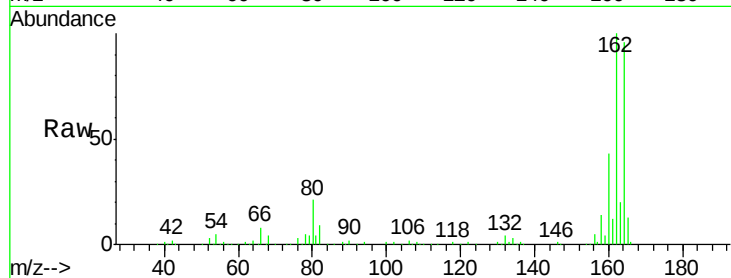




#56
2,4-Dinitrotoluene
Concen: 6.50 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF100011.D
Acq: 31 Oct 2017 18:51

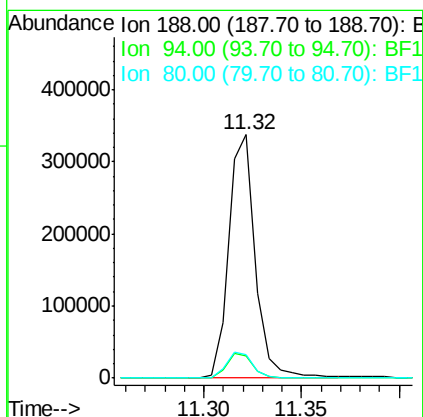
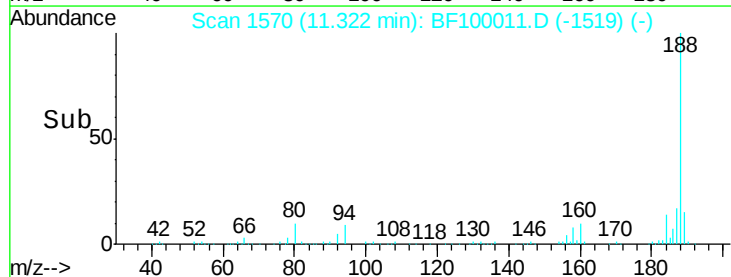
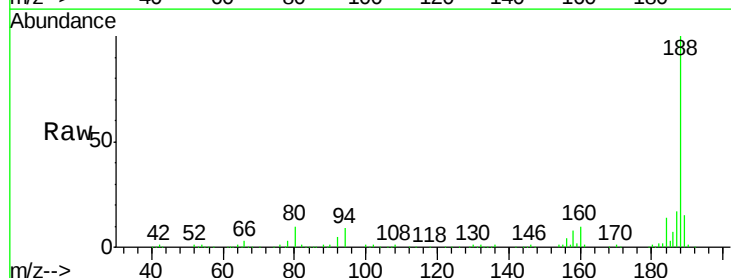
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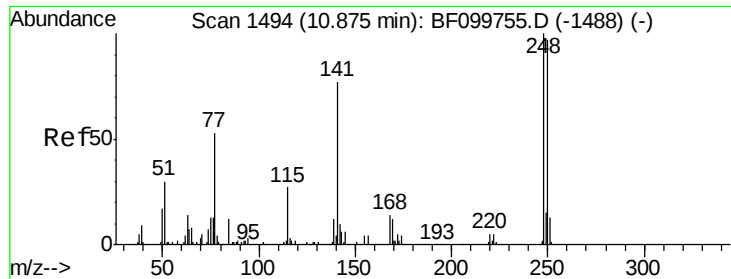
Tgt Ion:165 Resp: 24148
Ion Ratio Lower Upper
165 100
63 1.2 36.4 54.6#
89 1.2 57.8 86.6#
182 0.0 1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF100011.D
Acq: 31 Oct 2017 18:51

Tgt Ion:188 Resp: 316826
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 9.7 9.2 13.8

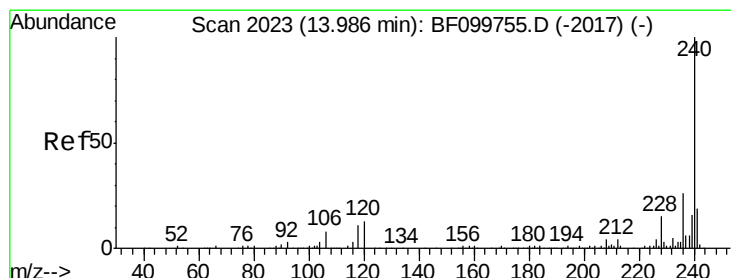
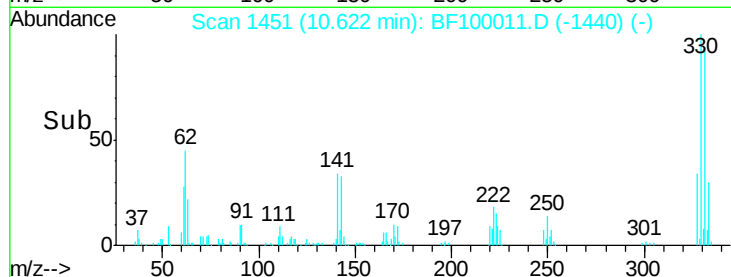
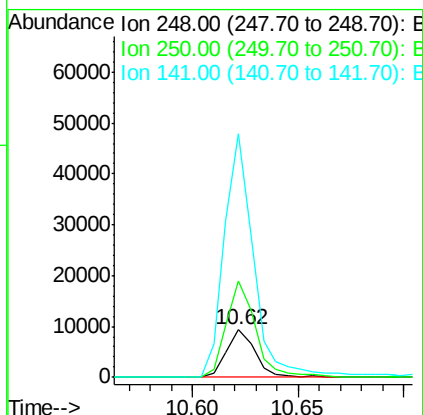
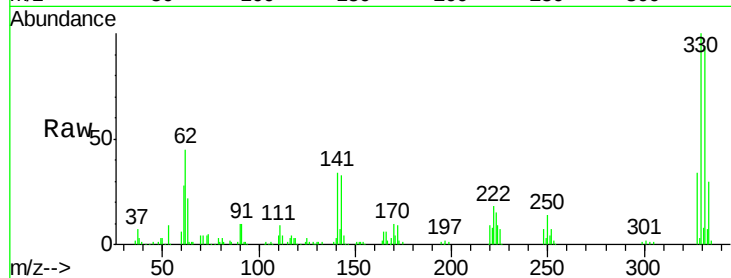




#66
4-Bromophenyl-phenylether
Concen: 2.62 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF100011.D
Acq: 31 Oct 2017 18:51

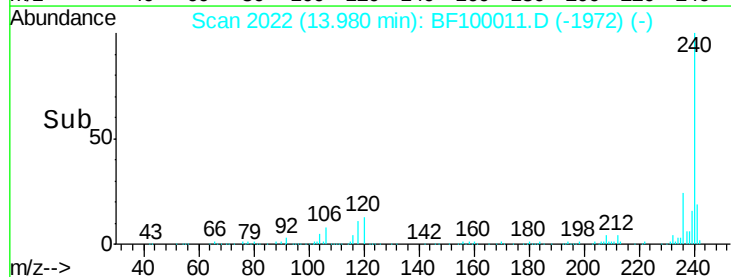
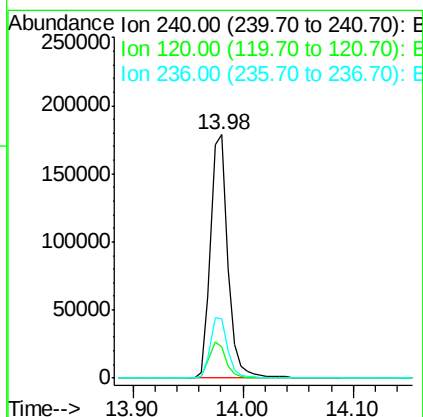
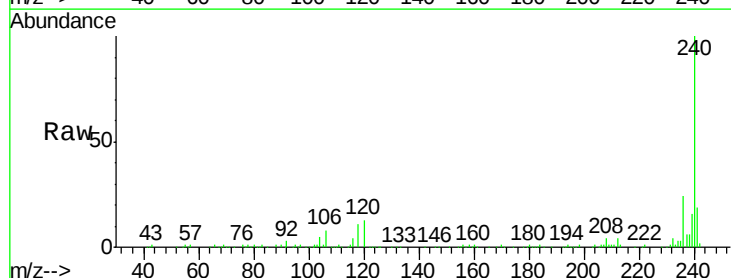
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-019

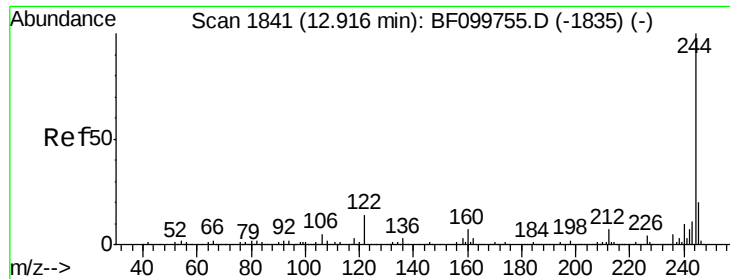
Tgt Ion:248 Resp: 8741
Ion Ratio Lower Upper
248 100
250 201.4 76.9 115.3#
141 510.0 74.4 111.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF100011.D
Acq: 31 Oct 2017 18:51

Tgt Ion:240 Resp: 191920
Ion Ratio Lower Upper
240 100
120 12.5 9.5 14.3
236 24.4 20.7 31.1





#78

Terphenyl-d14

Concen: 61.99 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF100011.D

Acq: 31 Oct 2017 18:51

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-019

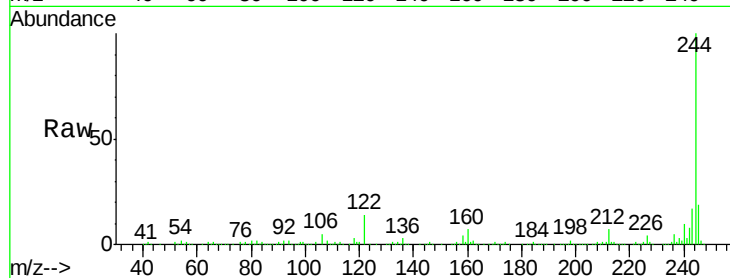
Tgt Ion:244 Resp: 544399

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

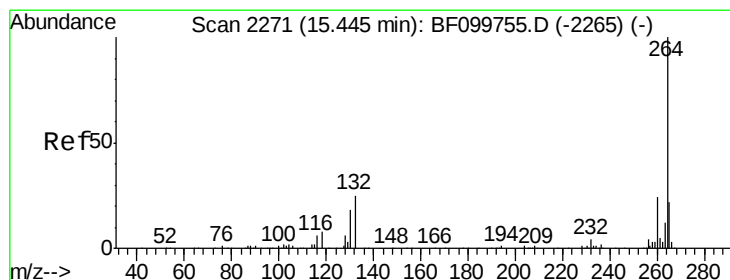
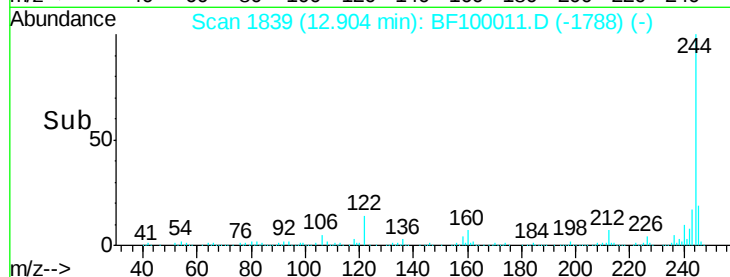
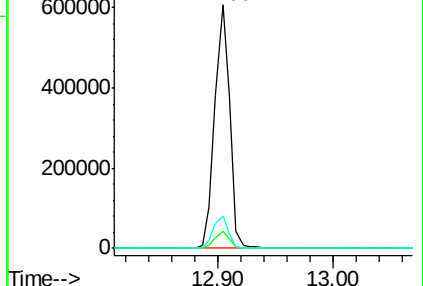
122 13.5 11.0 16.4



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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF100011.D

Acq: 31 Oct 2017 18:51

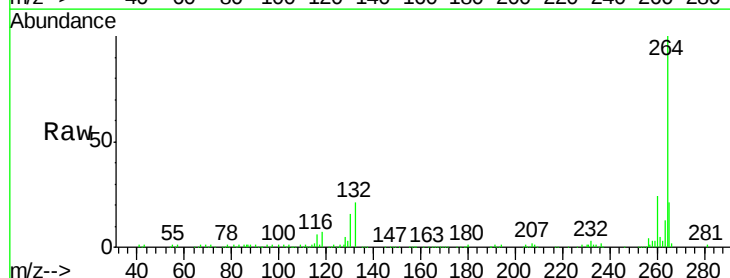
Tgt Ion:264 Resp: 174606

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.0 17.5 26.3



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

