

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
 Data File : BF101274.D
 Acq On : 9 Dec 2017 10:12
 Operator : SJ/JU
 Sample : I6744-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PROS-3-E(11-12)

Quant Time: Dec 11 06:59:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

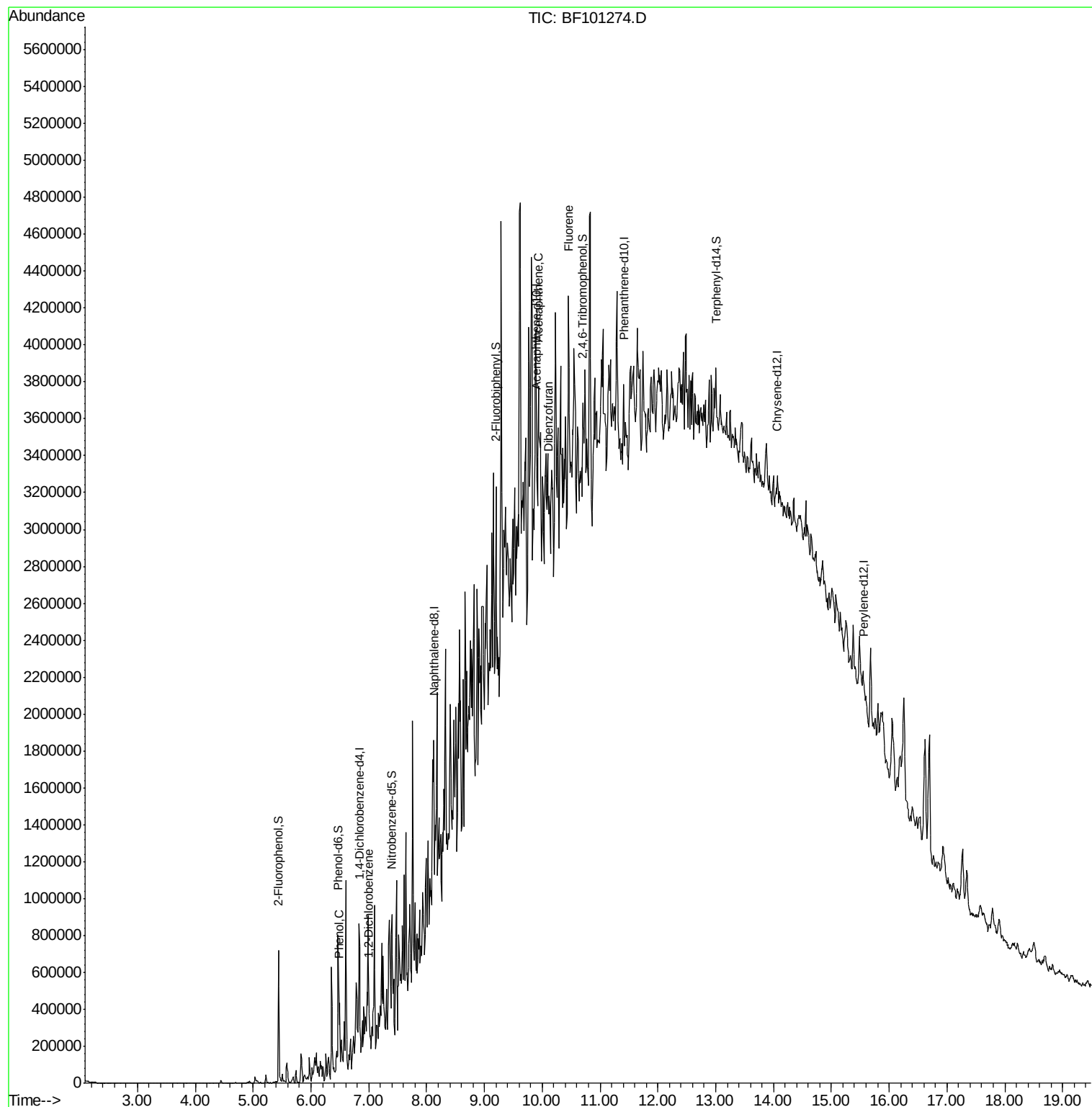
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	38992	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	120720	20.00	ng	0.01
38) Acenaphthene-d10	9.90	164	44029	20.00	ng	0.04
63) Phenanthrene-d10	11.41	188	69906	20.00	ng	0.05
75) Chrysene-d12	14.07	240	50532	20.00	ng	0.06
86) Perylene-d12	15.57	264	48521	20.00	ng	0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	208651	88.42	ng	0.00
7) Phenol-d6	6.47	99	244643	85.39	ng	0.00
23) Nitrobenzene-d5	7.40	82	137229	67.81	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	36090	68.23	ng	0.04
44) 2-Fluorobiphenyl	9.20	172	213974	66.49	ng	0.02
78) Terphenyl-d14	13.00	244	169784	73.49	ng	0.06
Target Compounds						
10) Phenol	6.49	94	9709	3.048	ng	# 58
14) 1,2-Dichlorobenzene	7.00	146	13814	4.775	ng	# 84
51) Acenaphthene	9.93	154	28760	10.202	ng	# 63
54) Dibenzofuran	10.11	168	50056	12.321	ng	# 71
57) Fluorene	10.46	166	112239	33.985	ng	# 79

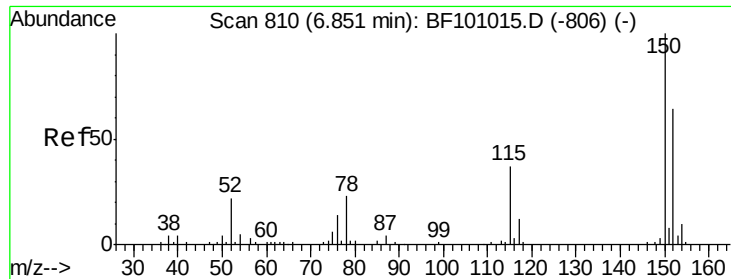
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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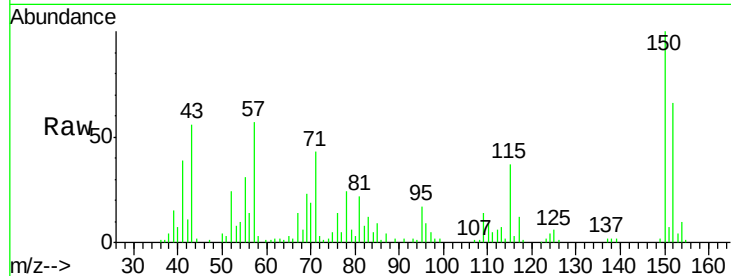


#1

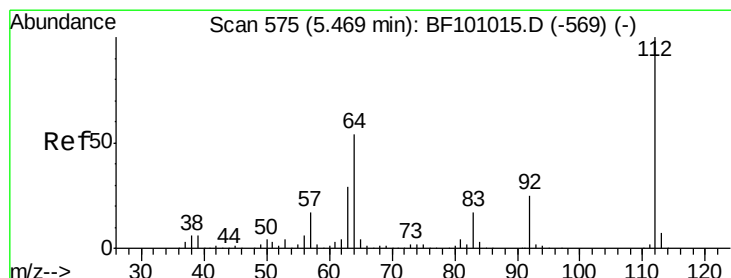
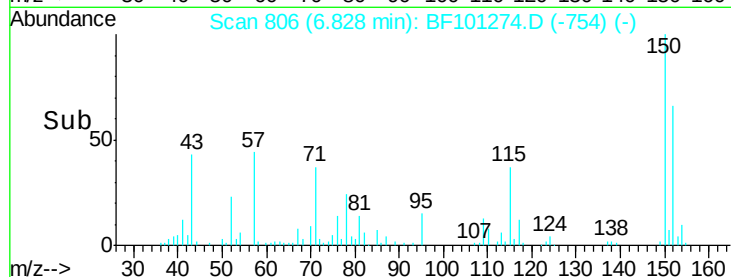
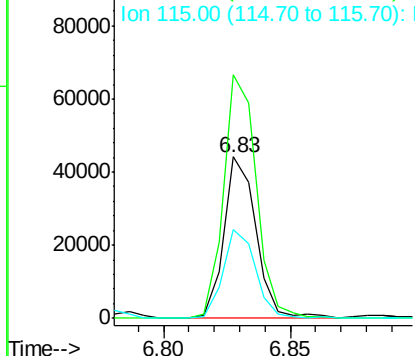
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101274.D
Acq: 9 Dec 2017 10:12

Instrument :
BNA_F
ClientSampleId :
PROS-3-E(11-12)

Tot Ion:152 Resp: 38992
Ion Ratio Lower Upper
152 100
150 150.9 124.6 186.8
115 55.3 50.1 75.1



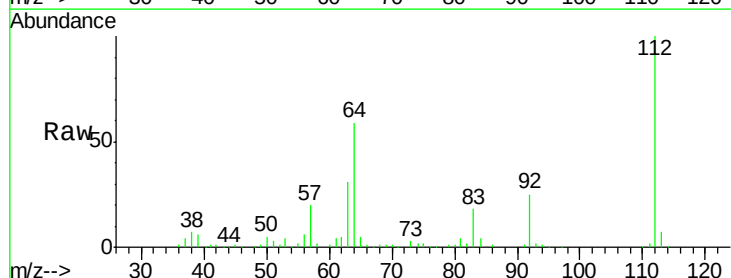
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



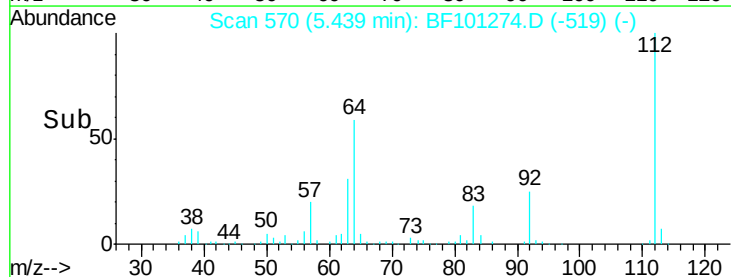
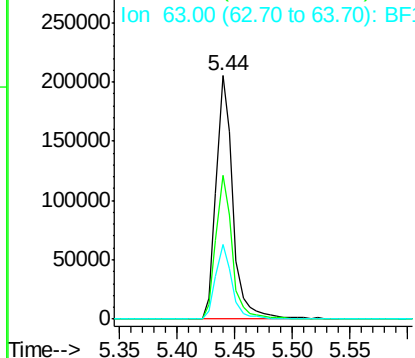
#5

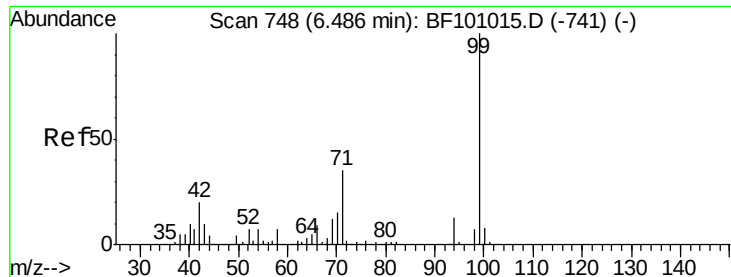
2-Fluorophenol
Concen: 88.424 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF101274.D
Acq: 9 Dec 2017 10:12

Tgt Ion:112 Resp: 208651
Ion Ratio Lower Upper
112 100
64 58.9 47.9 71.9
63 30.8 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: 85.395 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

Instrument :

BNA_F

ClientSampleId :

PROS-3-E(11-12)

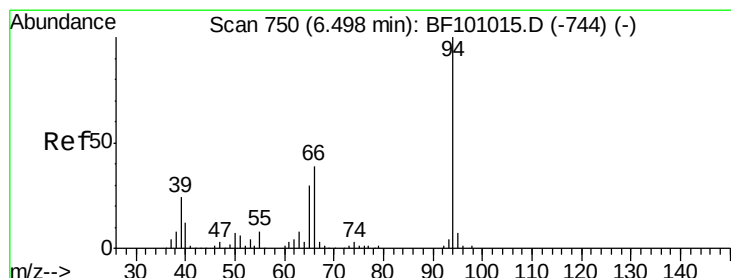
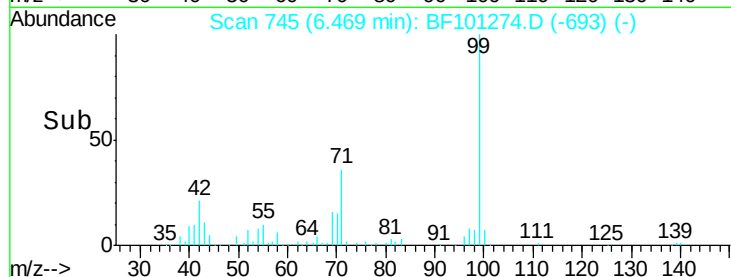
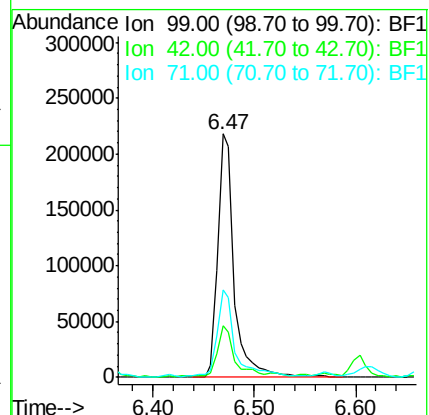
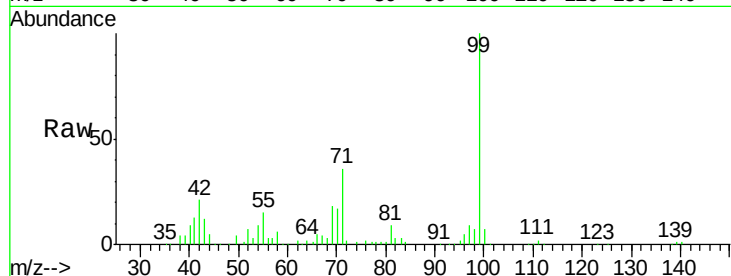
Tot Ion: 99 Resp: 244643

Ion Ratio Lower Upper

99 100

42 21.5 14.5 21.7

71 36.2 25.4 38.0



#10

Phenol

Concen: 3.048 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

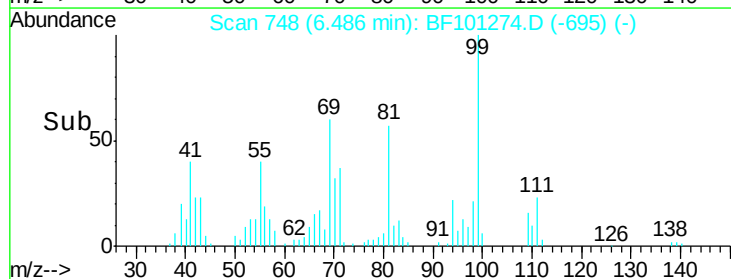
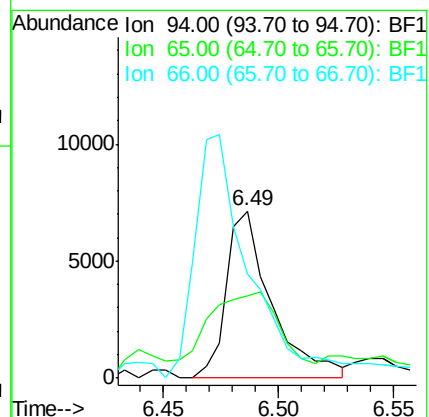
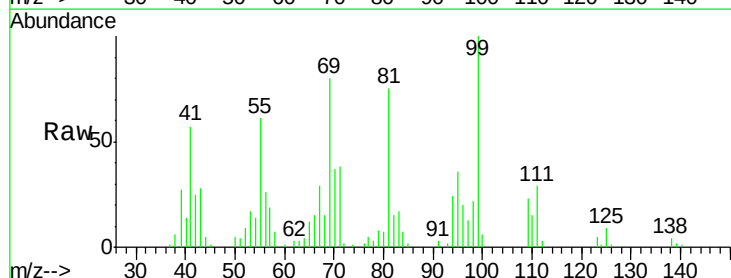
Tgt Ion: 94 Resp: 9709

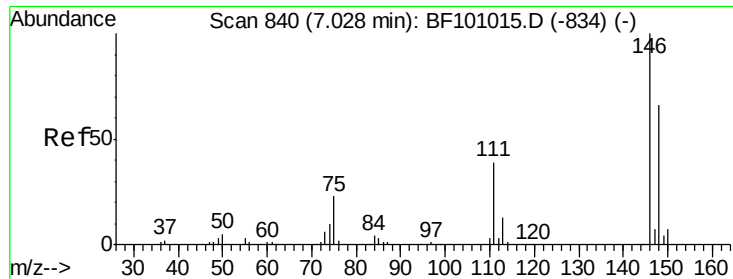
Ion Ratio Lower Upper

94 100

65 49.0 7.9 47.9#

66 62.3 16.2 56.2#

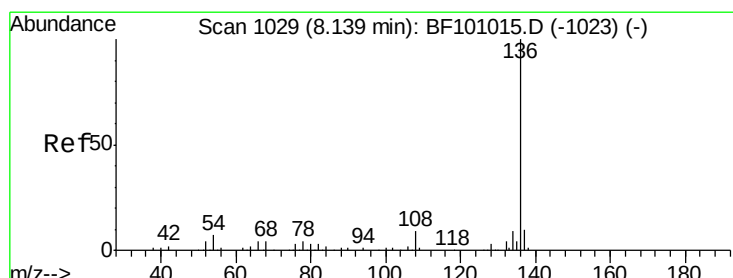
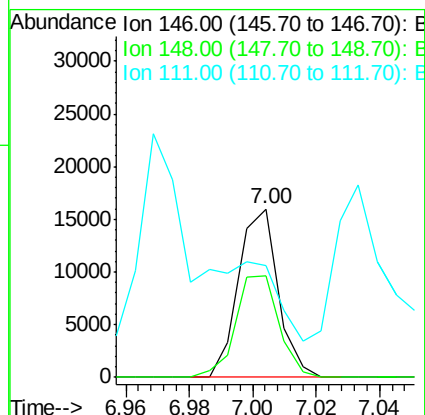
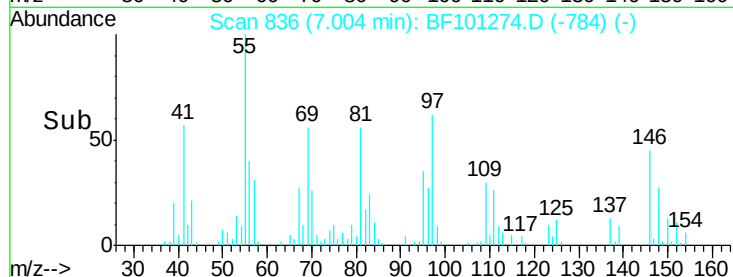
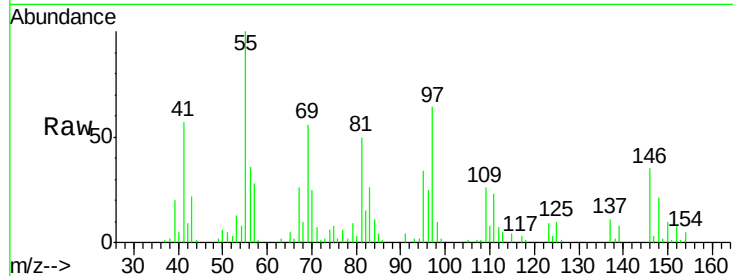




#14
 1,2-Dichlorobenzene
 Concen: 4.775 ng
 RT: 7.00 min Scan# 836
 Delta R.T. 0.01 min
 Lab File: BF101274.D
 Acq: 9 Dec 2017 10:12

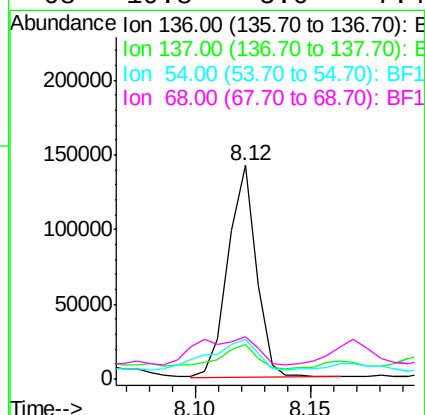
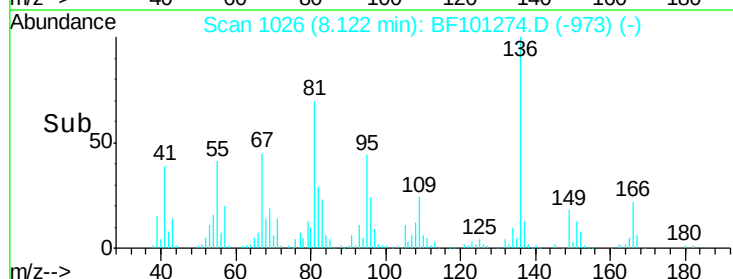
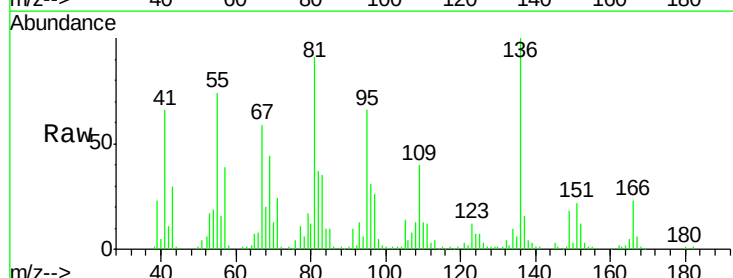
Instrument :
 BNA_F
 ClientSampleId :
 PROS-3-E(11-12)

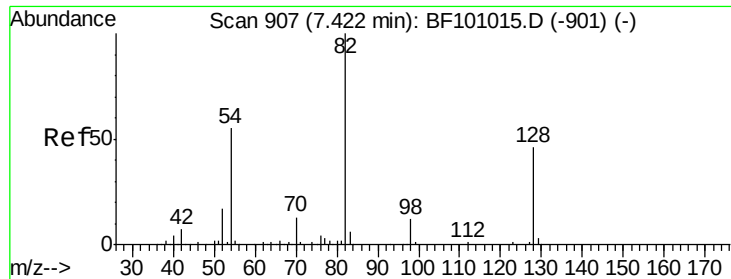
Tot Ion:146 Resp: 13814
 Ion Ratio Lower Upper
 146 100
 148 60.6 50.6 75.8
 111 66.7 36.0 54.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. 0.01 min
 Lab File: BF101274.D
 Acq: 9 Dec 2017 10:12

Tgt Ion:136 Resp: 120720
 Ion Ratio Lower Upper
 136 100
 137 16.3 8.9 13.3#
 54 18.8 6.6 9.8#
 68 19.8 5.0 7.4#

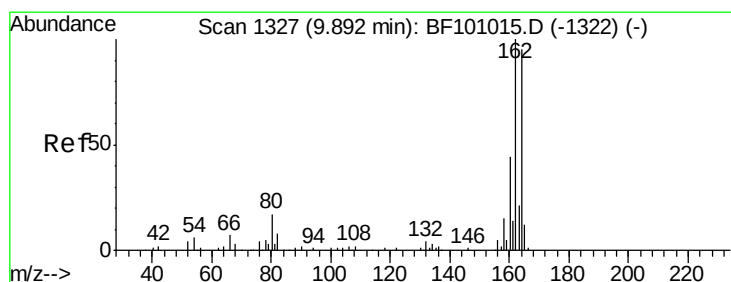
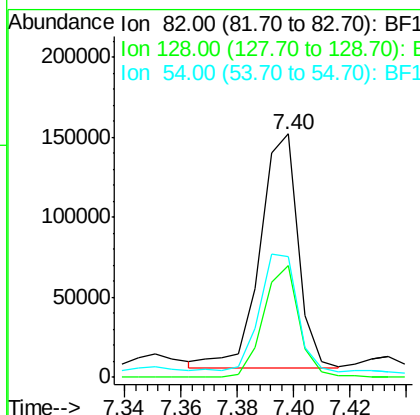
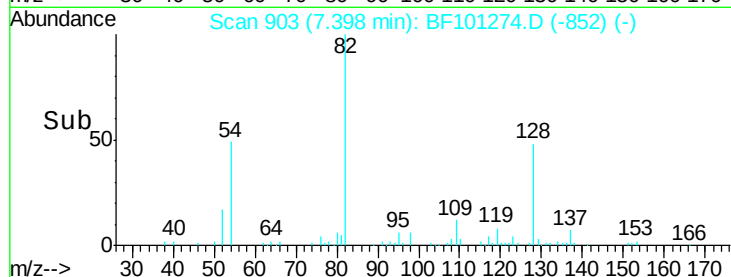
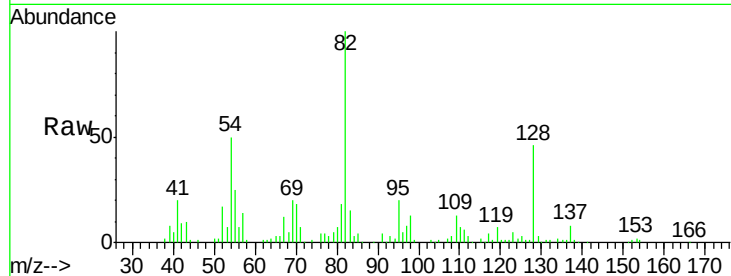




#23
 Nitrobenzene-d5
 Concen: 67.811 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF101274.D
 Acq: 9 Dec 2017 10:12

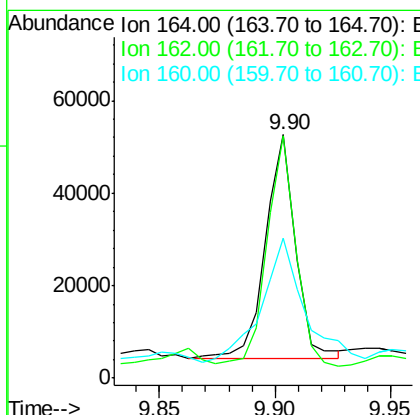
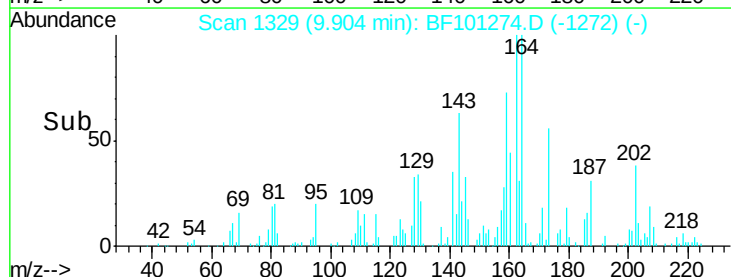
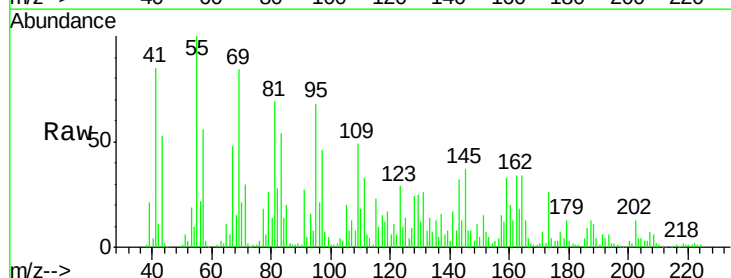
Instrument :
 BNA_F
 ClientSampleId :
 PROS-3-E(11-12)

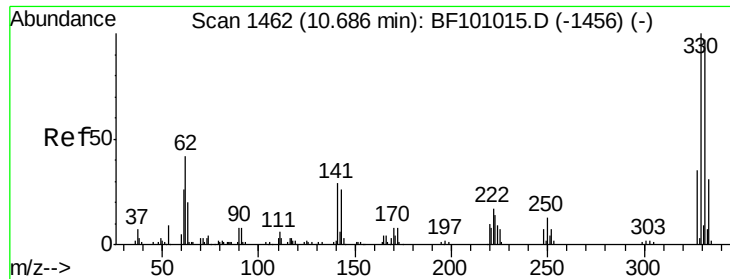
Tot Ion: 82 Resp: 137229
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.1 54.1
 54 49.7 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.04 min
 Lab File: BF101274.D
 Acq: 9 Dec 2017 10:12

Tgt Ion:164 Resp: 44029
 Ion Ratio Lower Upper
 164 100
 162 99.7 86.1 129.1
 160 57.2 38.3 57.5

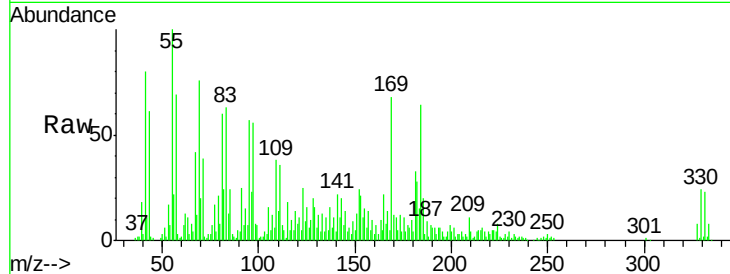




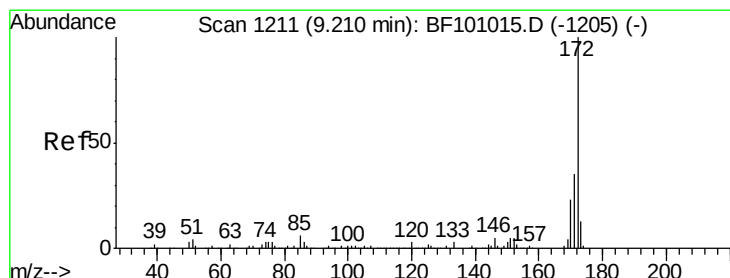
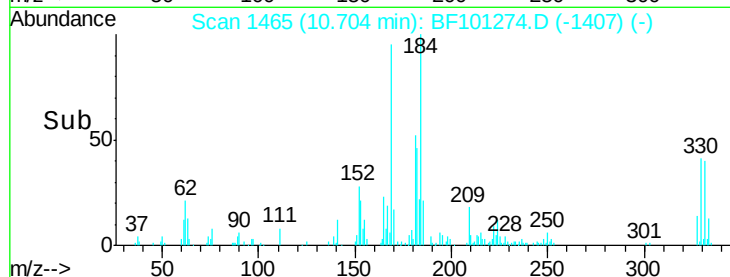
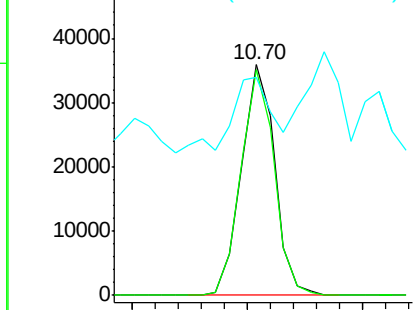
#41
 2,4,6-Tribromophenol
 Concen: 68.234 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.04 min
 Lab File: BF101274.D
 Acq: 9 Dec 2017 10:12

Instrument :
 BNA_F
 ClientSampleId :
 PROS-3-E(11-12)

Tot Ion:330 Resp: 36090
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.0 115.6
 141 30.6 29.9 44.9

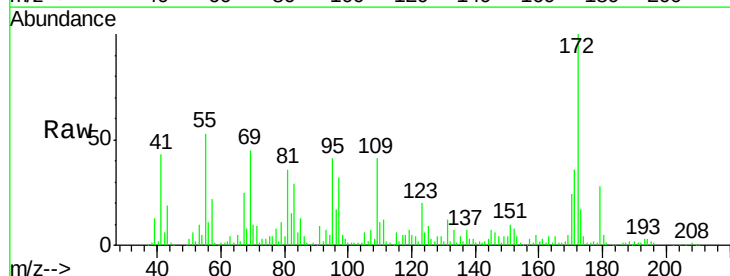


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

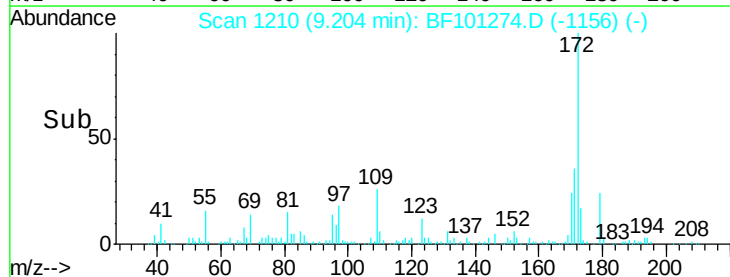
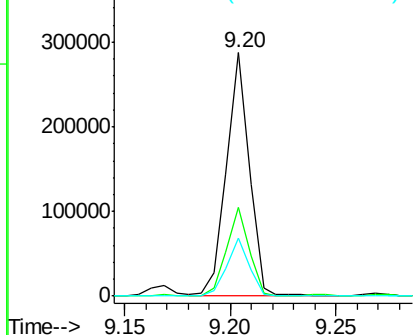


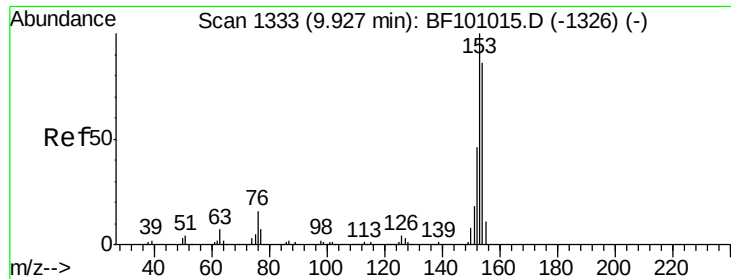
#44
 2-Fluorobiphenyl
 Concen: 66.492 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.02 min
 Lab File: BF101274.D
 Acq: 9 Dec 2017 10:12

Tgt Ion:172 Resp: 213974
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 23.6 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





#51

Acenaphthene

Concen: 10.202 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.03 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

Instrument :

BNA_F

ClientSampleId :

PROS-3-E(11-12)

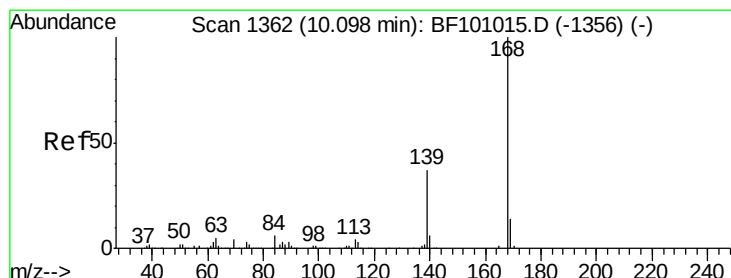
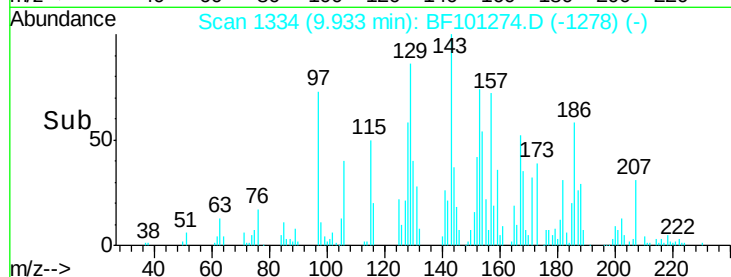
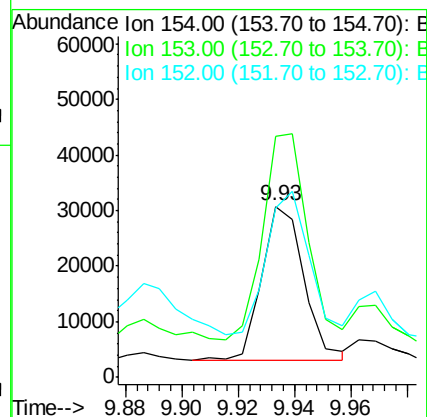
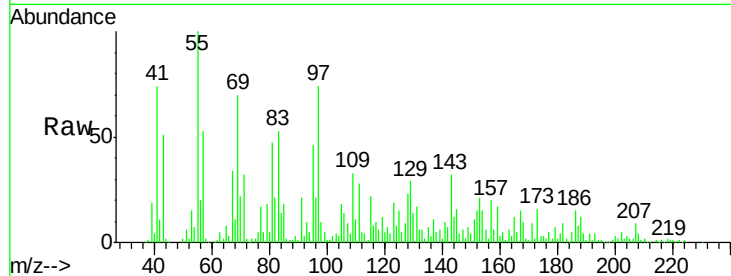
Tot Ion:154 Resp: 28760

Ion Ratio Lower Upper

154 100

153 141.2 91.2 136.8#

152 99.1 43.8 65.8#



#54

Dibenzofuran

Concen: 12.321 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.04 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

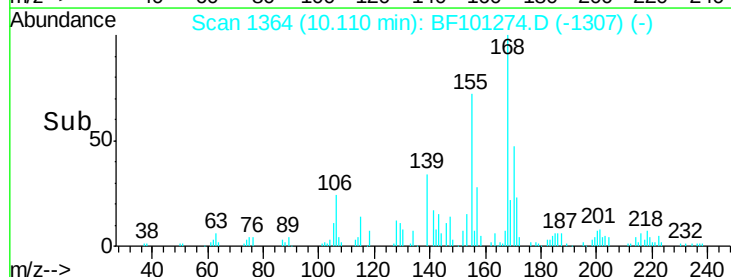
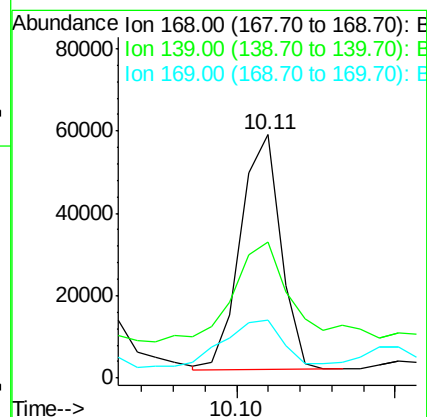
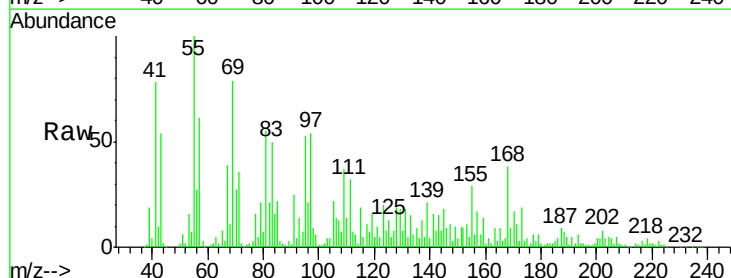
Tgt Ion:168 Resp: 50056

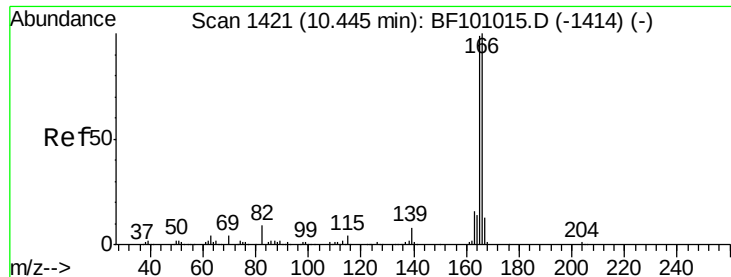
Ion Ratio Lower Upper

168 100

139 55.9 30.1 45.1#

169 24.0 10.9 16.3#





#57

Fluorene

Concen: 33.985 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.04 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

Instrument :

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PROS-3-E(11-12)

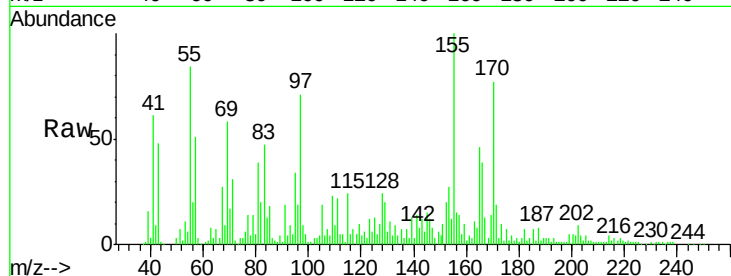
Tot Ion:166 Resp: 112239

Ion Ratio Lower Upper

166 100

165 117.4 79.8 119.8

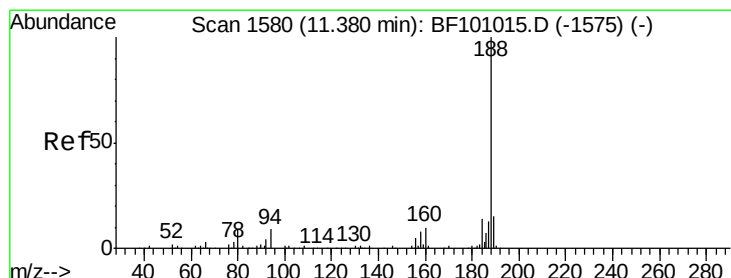
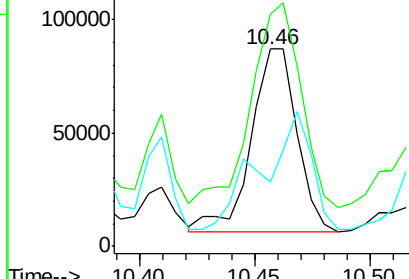
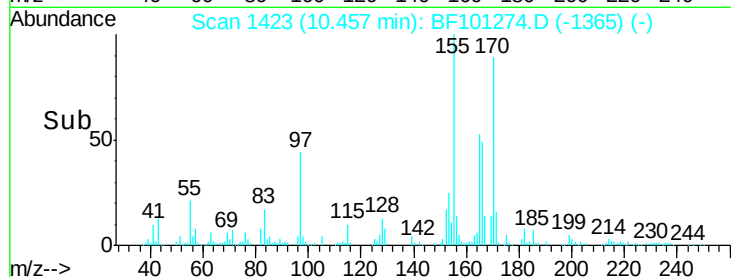
167 32.7 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.05 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

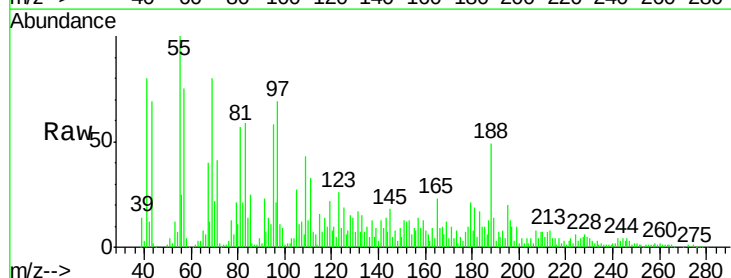
Tgt Ion:188 Resp: 69906

Ion Ratio Lower Upper

188 100

94 22.5 8.5 12.7#

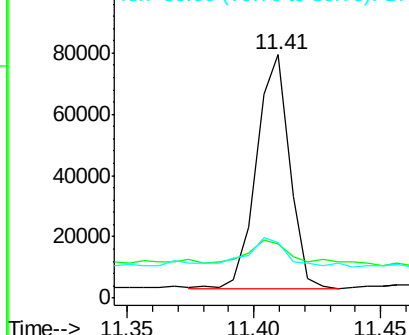
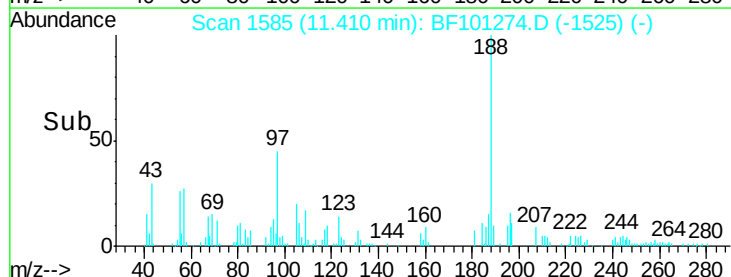
80 23.0 9.2 13.8#

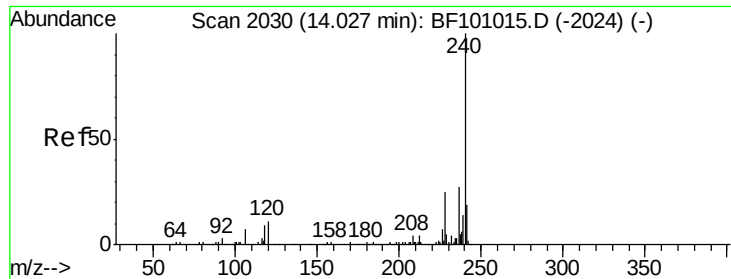


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.06 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

Instrument :

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ClientSampleId :

PROS-3-E(11-12)

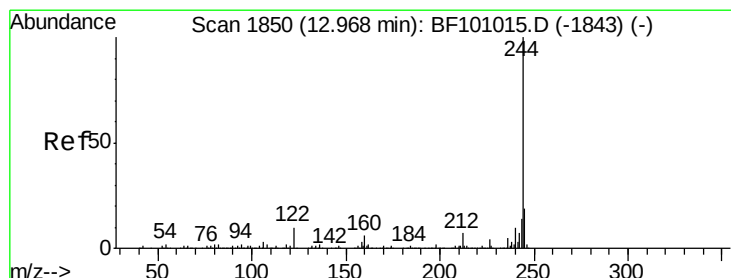
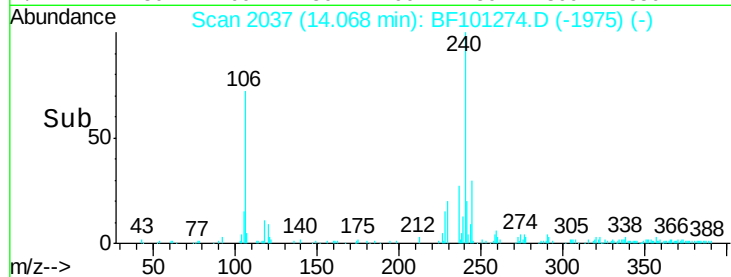
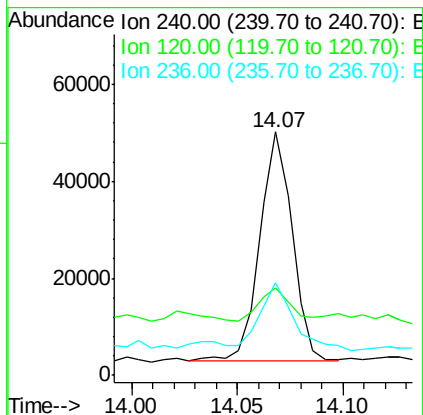
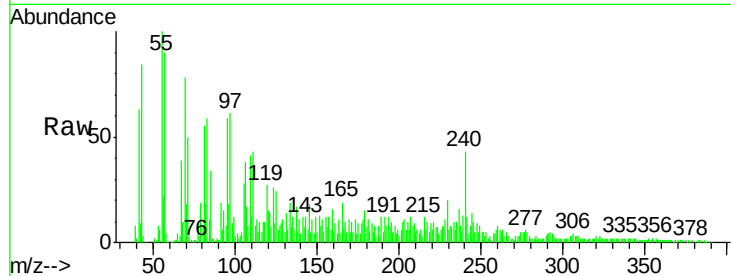
Tot Ion:240 Resp: 50532

Ion Ratio Lower Upper

240 100

120 35.7 9.5 14.3#

236 38.0 20.7 31.1#



#78

Terphenyl-d14

Concen: 73.490 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.06 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

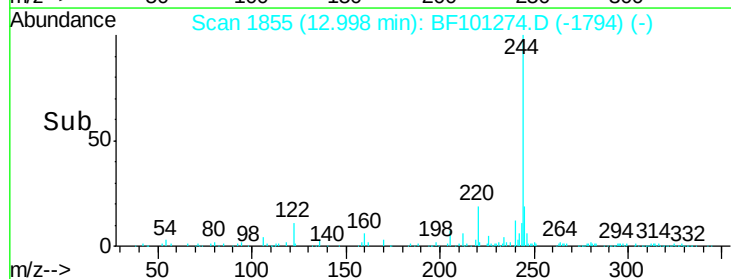
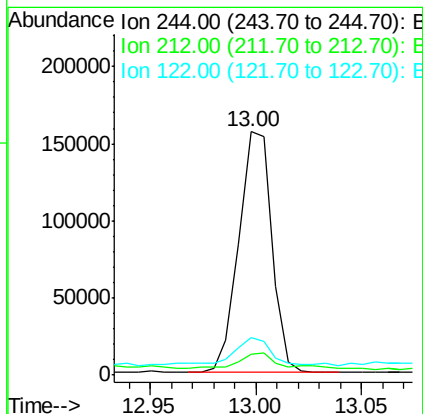
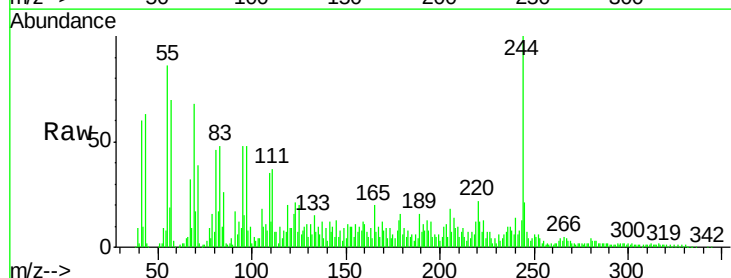
Tgt Ion:244 Resp: 169784

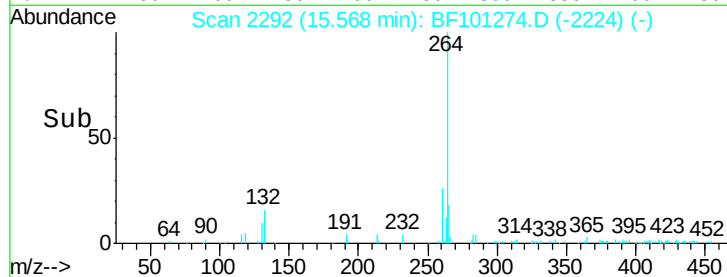
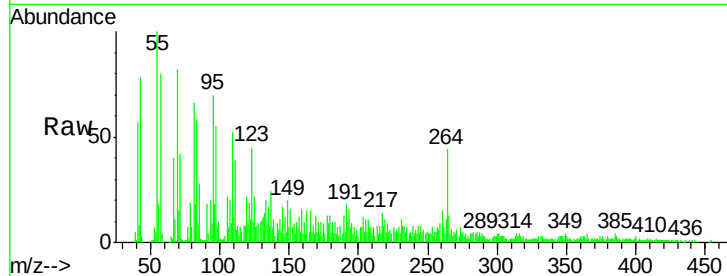
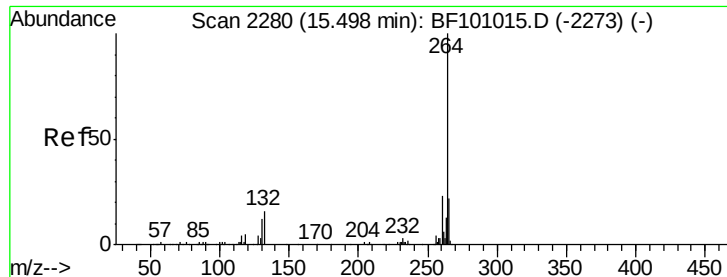
Ion Ratio Lower Upper

244 100

212 8.6 5.4 8.0#

122 15.6 11.0 16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.10 min
Lab File: BF101274.D
Acq: 9 Dec 2017 10:12

Instrument :
BNA_F
ClientSampleId :
PROS-3-E(11-12)

Tot Ion	Ratio	Lower	Upper
264	100		
260	33.6	19.2	28.8
265	29.9	17.5	26.3

