

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084373.D
 Acq On : 11 Jan 2016 12:11
 Operator : SJ/UM
 Sample : H1043-06RE 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3N(0-10)

Quant Time: Jan 12 01:36:51 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

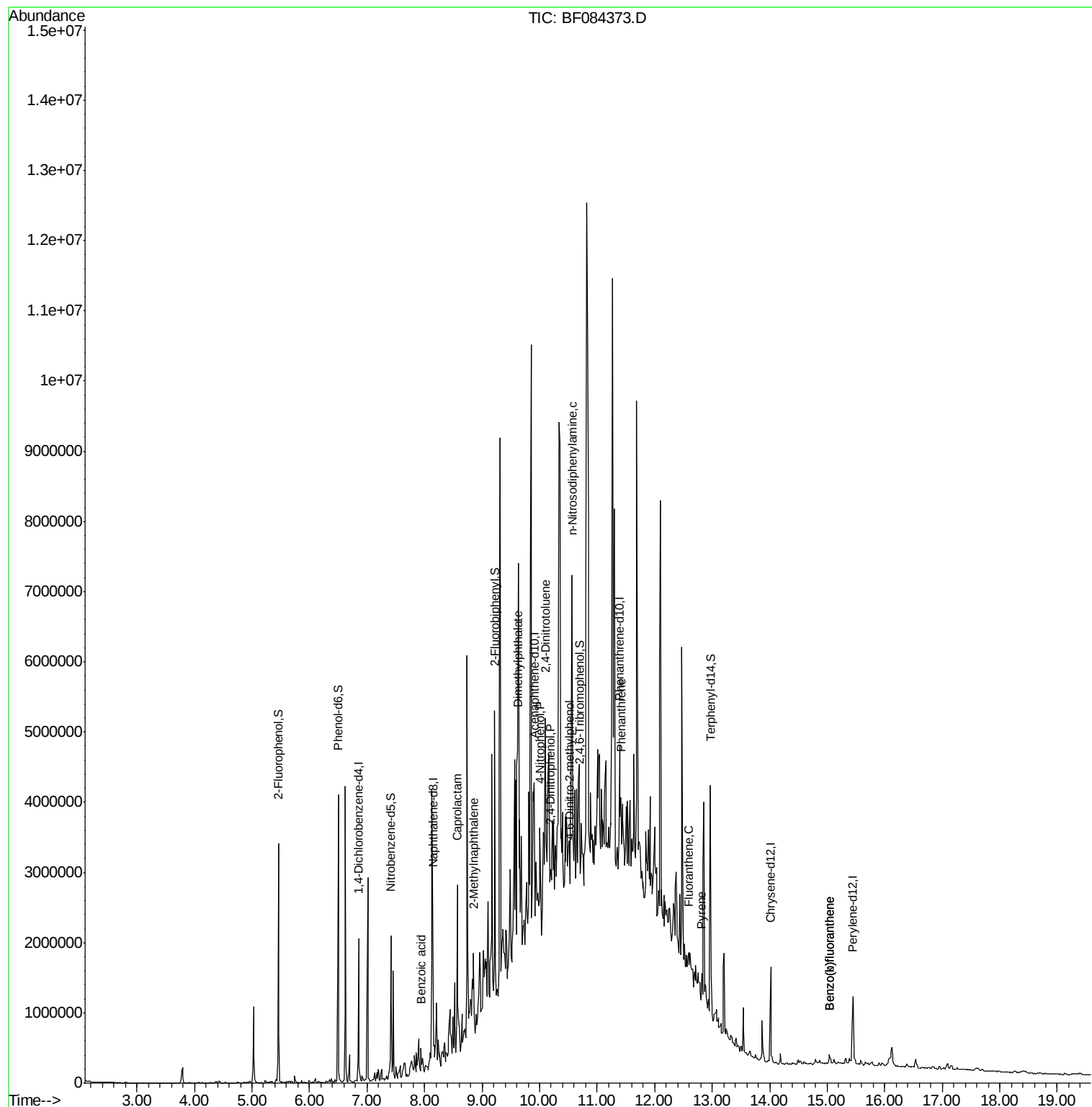
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	265302	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1028338	20.00	ng	-0.05
38) Acenaphthene-d10	9.90	164	431519	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	726996	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	541420	20.00	ng	-0.05
86) Perylene-d12	15.45	264	483562	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	838427	51.12	ng	-0.03
7) Phenol-d6	6.50	99	1368811	66.45	ng	-0.03
23) Nitrobenzene-d5	7.41	82	769142	41.63	ng	-0.06
41) 2,4,6-Tribromophenol	10.69	330	113111	25.96	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	1192801	45.70	ng	-0.05
78) Terphenyl-d14	12.97	244	911807	37.59	ng	-0.05
Target Compounds						Qvalue
32) Benzoic acid	7.94	122	2871	6.47	ng	# 43
35) Caprolactam	8.57	113	47095	9.71	ng	# 1
37) 2-Methylnaphthalene	8.85	142	332439	9.93	ng	96
49) Dimethylphthalate	9.62	163	255736	8.29	ng	# 95
53) 2,4-Dinitrophenol	10.19	184	14429	8.34	ng	87
54) Dibenzofuran	10.10	168	47912	Below Cal	#	1
55) 4-Nitrophenol	10.01	139	38057	6.25	ng	# 47
56) 2,4-Dinitrotoluene	10.10	165	24858	2.90	ng	# 41
60) 4-Chlorophenyl-phenylether	10.46	204	2668	Below Cal	#	1
64) 4,6-Dinitro-2-methylphenol	10.52	198	2060	6.76	ng	# 1
65) n-Nitrosodiphenylamine	10.57	169	276662	11.90	ng	# 43
70) Phenanthrene	11.41	178	373843	9.83	ng	# 94
73) Di-n-butylphthalate	11.93	149	13902	Below Cal	#	1
74) Fluoranthene	12.59	202	113661	2.86	ng	93
77) Pyrene	12.82	202	137527	3.24	ng	96
87) Benzo(b)fluoranthene	15.04	252	72103	2.28	ng	# 87
88) Benzo(k)fluoranthene	15.04	252	73405	2.84	ng	# 91

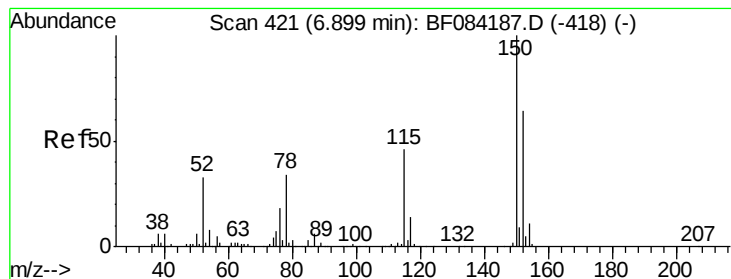
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
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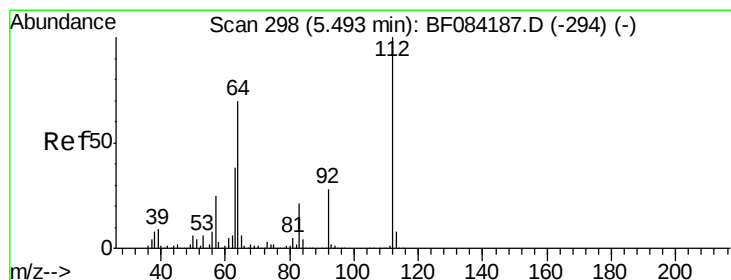
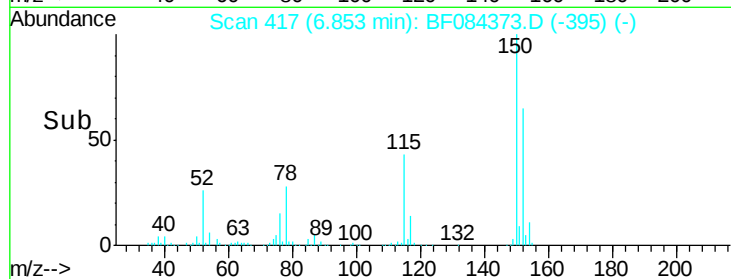
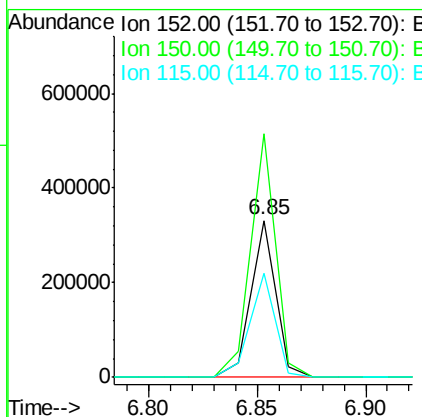
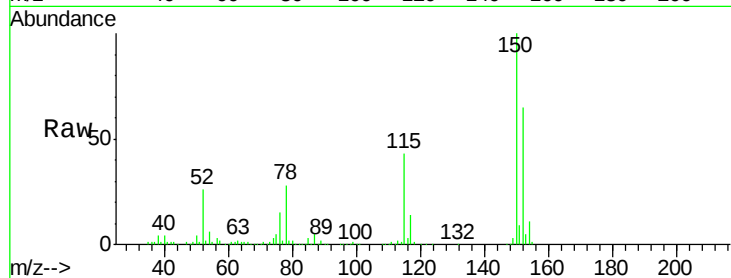




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.05 min
 Lab File: BF084373.D
 Acq: 11 Jan 2016 12:11

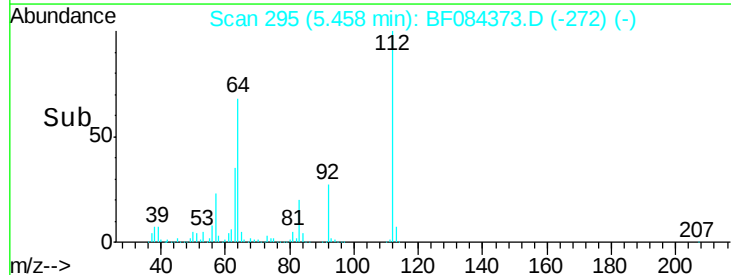
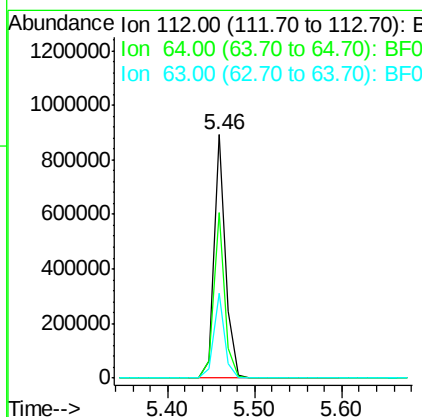
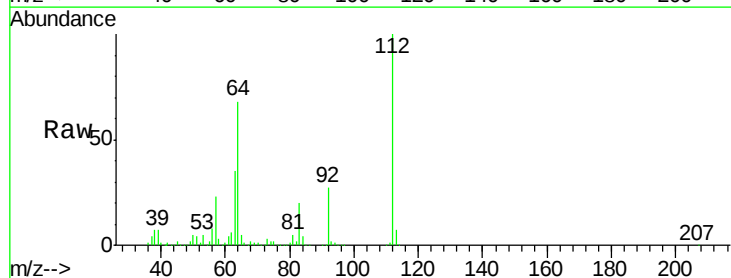
Instrument :
 BNA_F
 ClientSampleId :
 SB-3N(0-10)

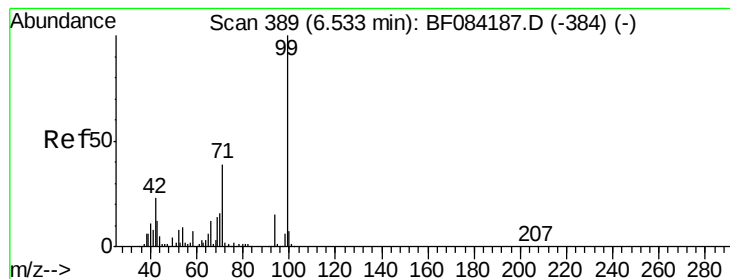
Tgt Ion:152 Resp: 265302
 Ion Ratio Lower Upper
 152 100
 150 155.0 123.0 184.4
 115 65.9 51.4 77.2



#5
 2-Fluorophenol
 Concen: 51.12 ng
 RT: 5.46 min Scan# 295
 Delta R.T. -0.03 min
 Lab File: BF084373.D
 Acq: 11 Jan 2016 12:11

Tgt Ion:112 Resp: 838427
 Ion Ratio Lower Upper
 112 100
 64 67.7 36.6 55.0#
 63 34.8 19.4 29.0#





#7

Phenol-d6

Concen: 66.45 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084373.D

Acq: 11 Jan 2016 12:11

Instrument :

BNA_F

ClientSampleId :

SB-3N(0-10)

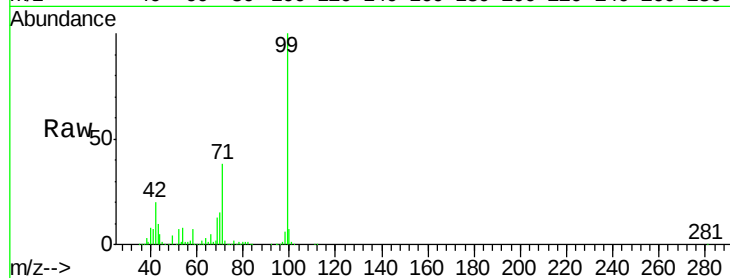
Tgt Ion: 99 Resp: 1368811

Ion Ratio Lower Upper

99 100

42 20.2 12.8 19.2#

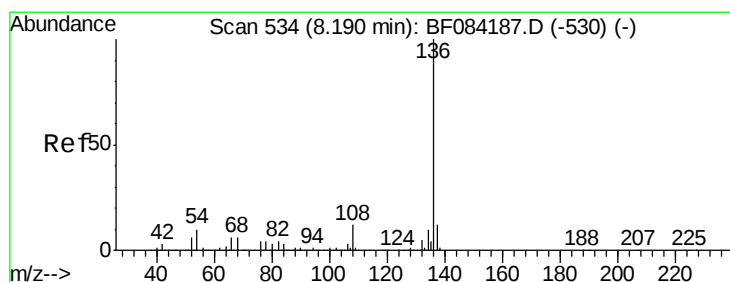
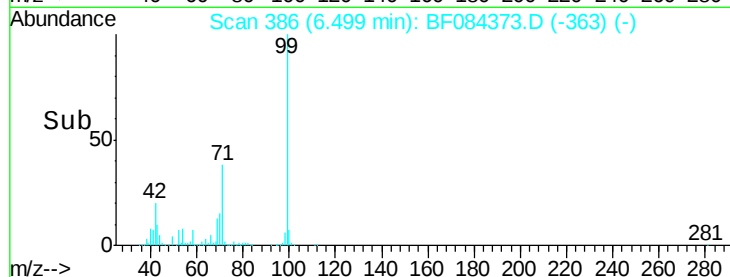
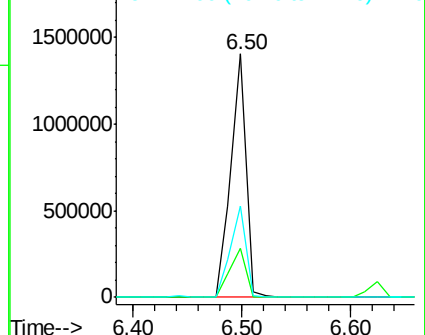
71 37.6 30.9 46.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF084373.D

Acq: 11 Jan 2016 12:11

Tgt Ion: 136 Resp: 1028338

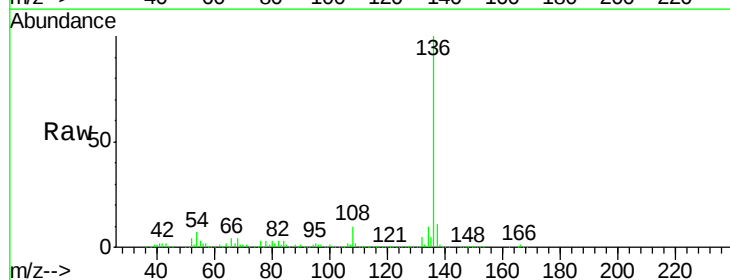
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.3 5.8 8.8

68 4.1 4.2 6.2#

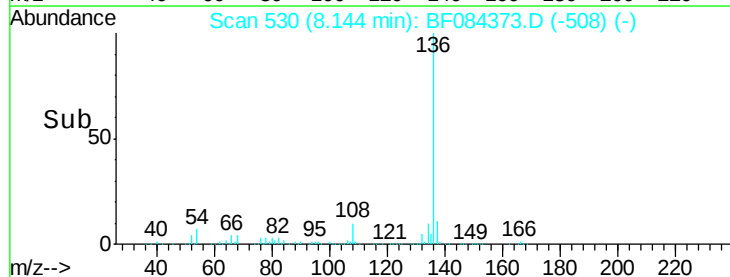
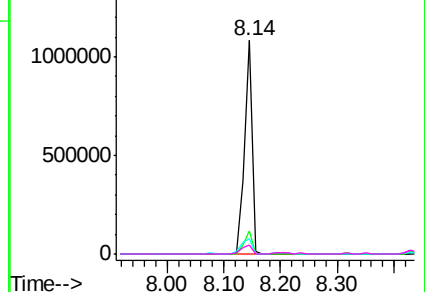


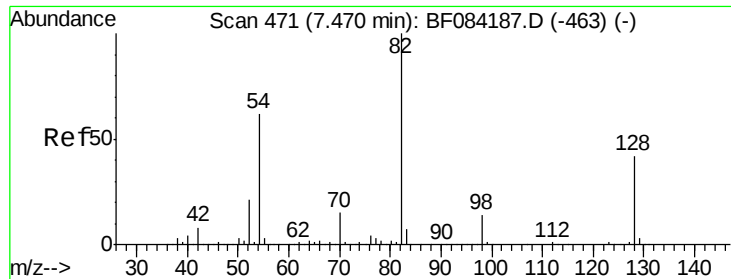
Abundance Ion 136.00 (135.70 to 136.70): E

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

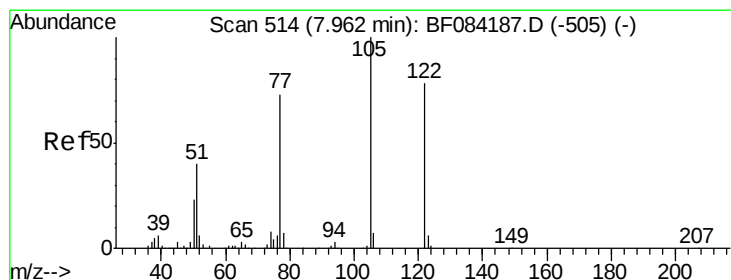
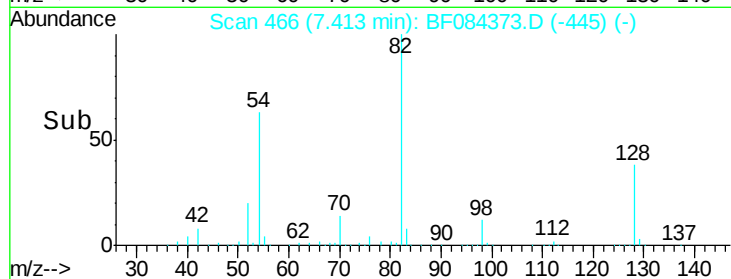
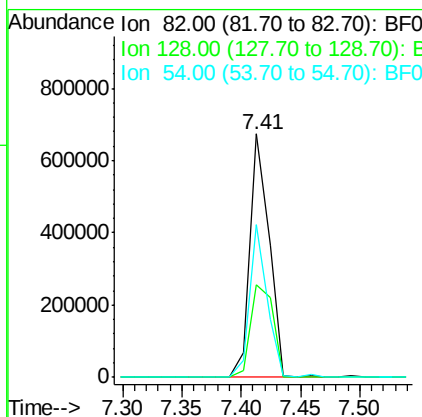
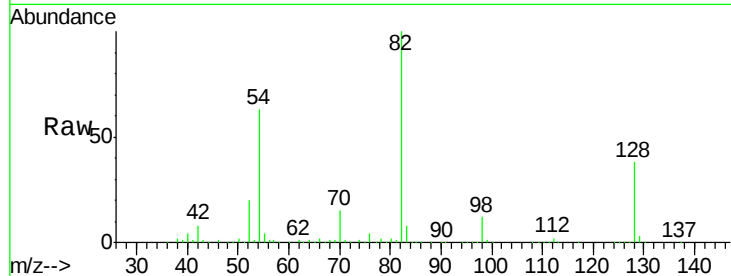




#23
 Nitrobenzene-d5
 Concen: 41.63 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.06 min
 Lab File: BF084373.D
 Acq: 11 Jan 2016 12:11

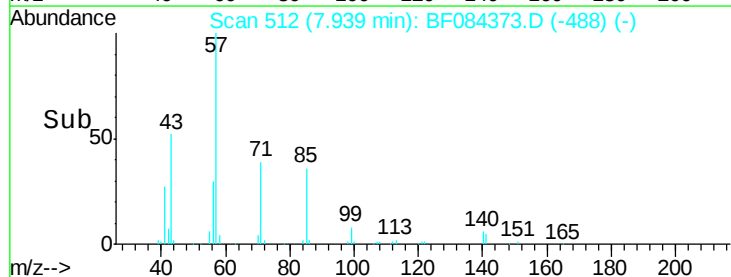
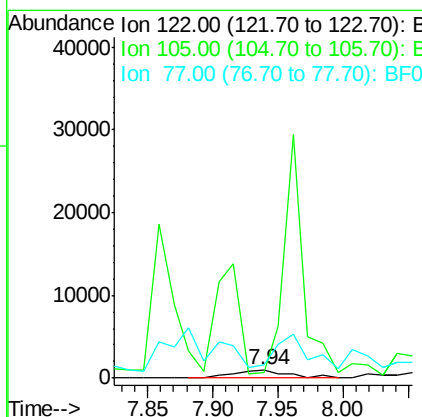
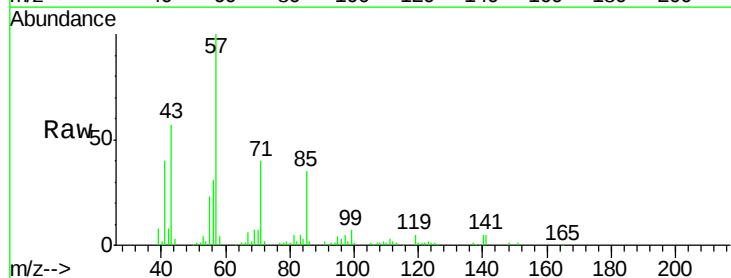
Instrument :
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 SB-3N(0-10)

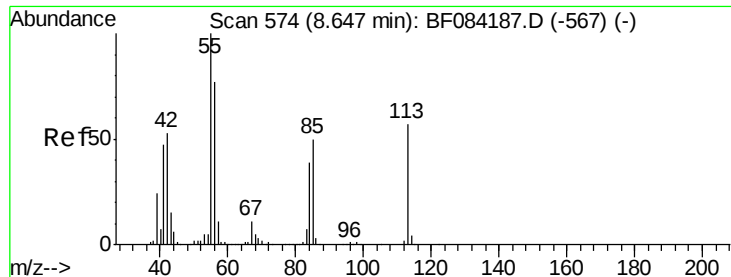
Tgt Ion: 82 Resp: 769142
 Ion Ratio Lower Upper
 82 100
 128 38.0 34.6 51.8
 54 62.5 38.4 57.6#



#32
 Benzoic acid
 Concen: 6.47 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BF084373.D
 Acq: 11 Jan 2016 12:11

Tgt Ion: 122 Resp: 2871
 Ion Ratio Lower Upper
 122 100
 105 66.2 100.3 140.3#
 77 146.2 63.5 103.5#

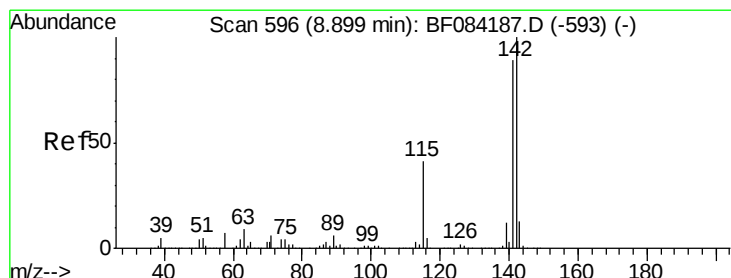
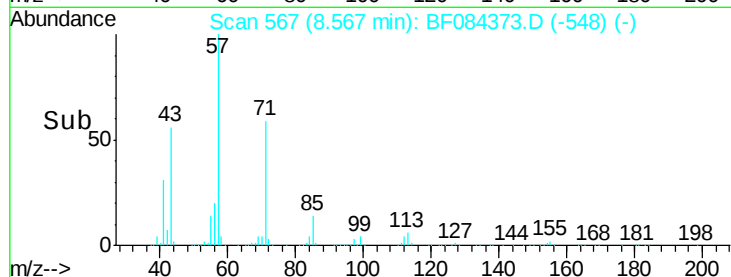
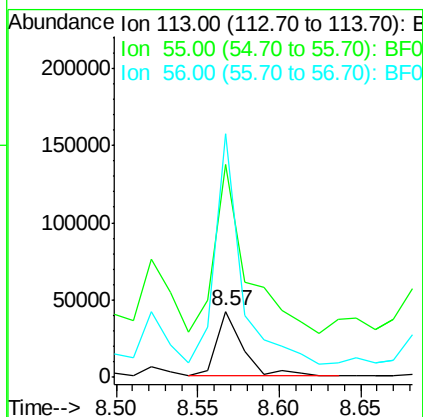
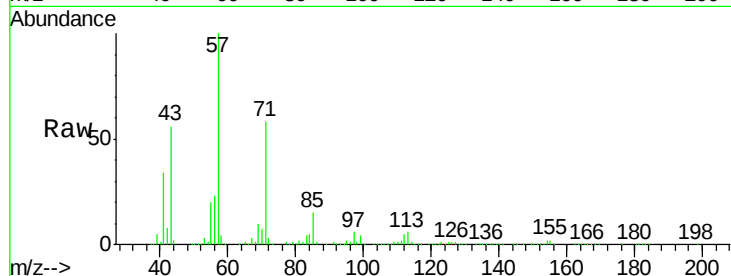




#35
 Caprolactam
 Concen: 9.71 ng
 RT: 8.57 min Scan# 567
 Delta R.T. -0.08 min
 Lab File: BF084373.D
 Acq: 11 Jan 2016 12:11

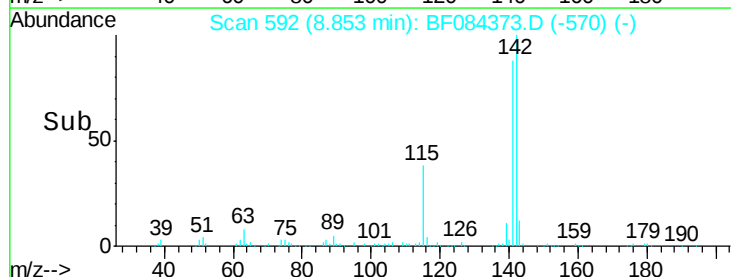
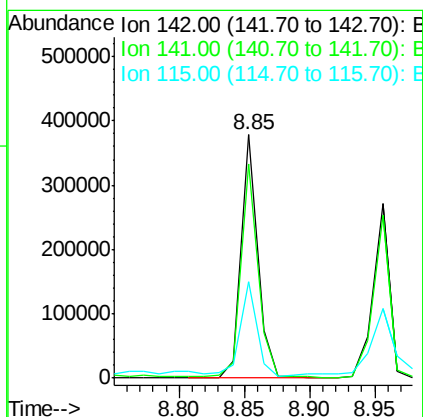
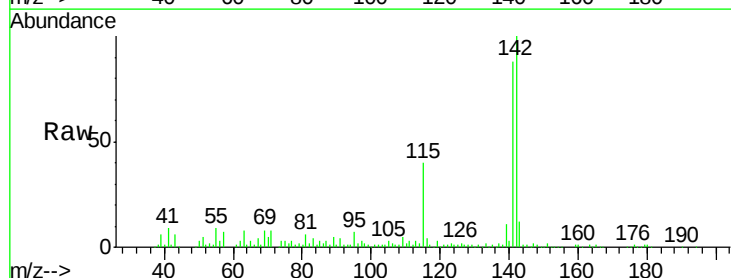
Instrument :
 BNA_F
 ClientSampleId :
 SB-3N(0-10)

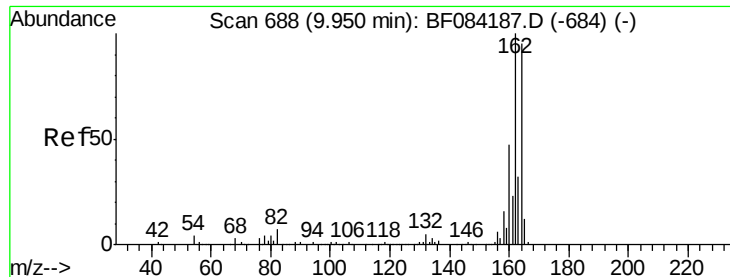
Tgt Ion:113 Resp: 47095
 Ion Ratio Lower Upper
 113 100
 55 323.8 116.9 156.9#
 56 370.8 93.8 133.8#



#37
 2-Methylnaphthalene
 Concen: 9.93 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.05 min
 Lab File: BF084373.D
 Acq: 11 Jan 2016 12:11

Tgt Ion:142 Resp: 332439
 Ion Ratio Lower Upper
 142 100
 141 87.7 72.4 108.6
 115 39.8 27.9 41.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.05 min

Lab File: BF084373.D

Acq: 11 Jan 2016 12:11

Instrument :

BNA_F

ClientSampleId :

SB-3N(0-10)

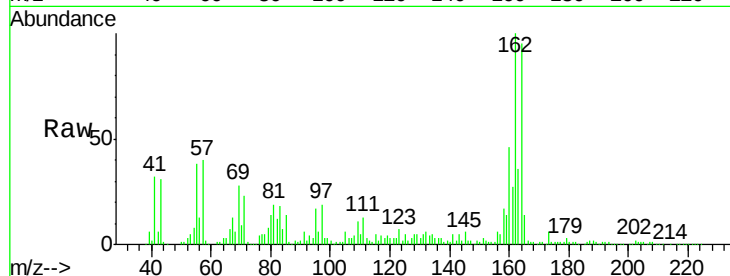
Tgt Ion:164 Resp: 431519

Ion Ratio Lower Upper

164 100

162 105.7 85.1 127.7

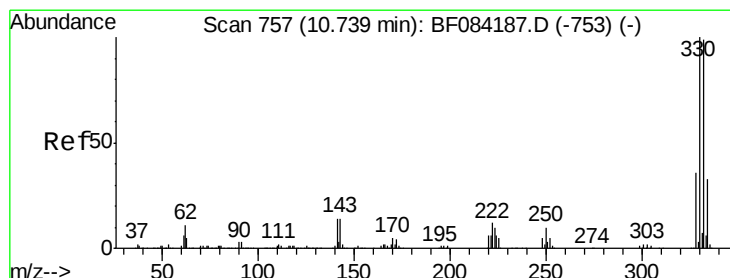
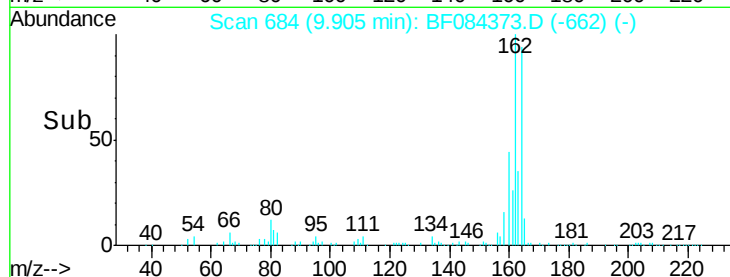
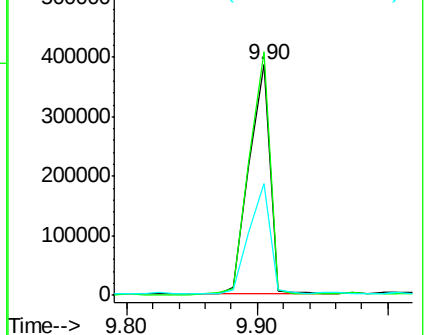
160 48.7 37.5 56.3



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: 25.96 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.05 min

Lab File: BF084373.D

Acq: 11 Jan 2016 12:11

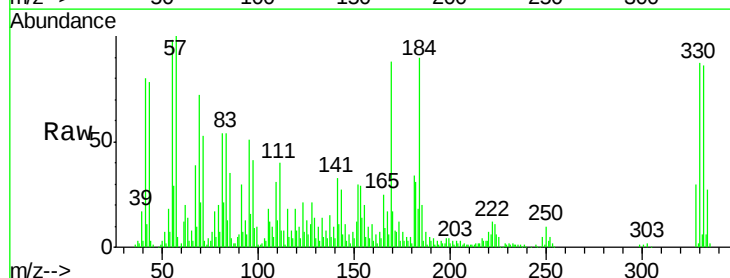
Tgt Ion:330 Resp: 113111

Ion Ratio Lower Upper

330 100

332 97.7 76.6 114.8

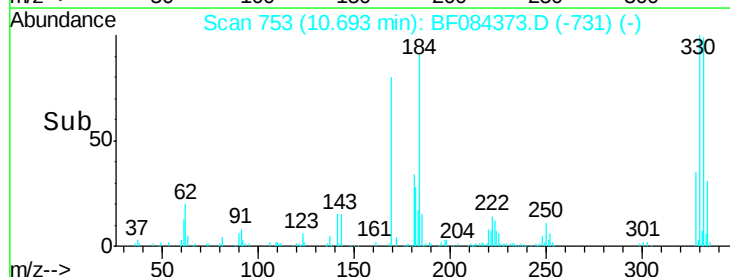
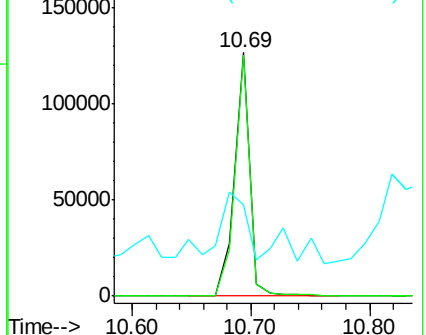
141 49.7 27.8 41.6#

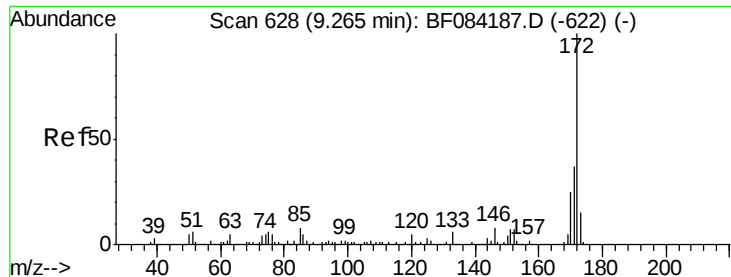


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

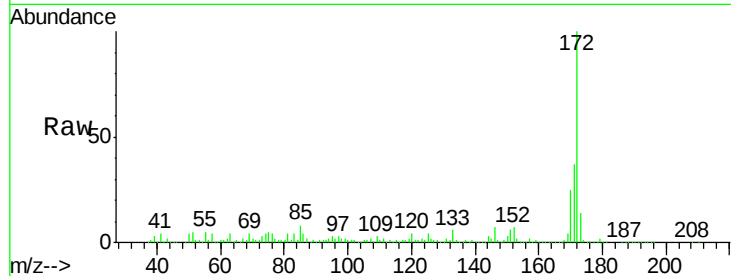




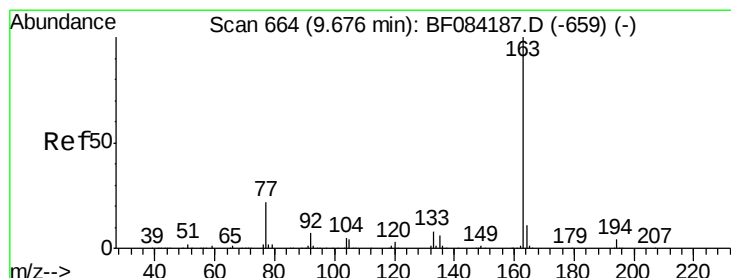
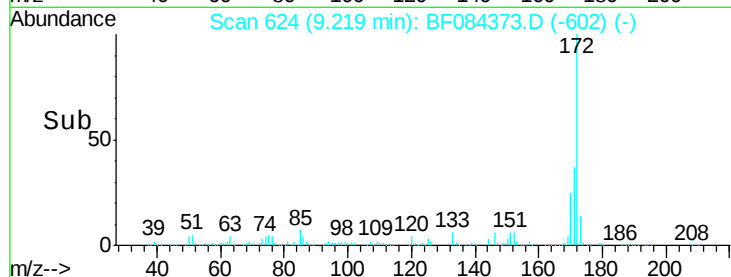
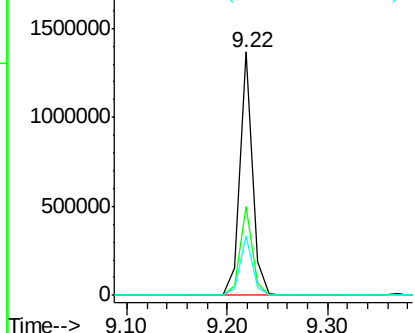
#44
2-Fluorobiphenyl
Concen: 45.70 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.05 min
Lab File: BF084373.D
Acq: 11 Jan 2016 12:11

Instrument :
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ClientSampleId :
SB-3N(0-10)

Tgt Ion:172 Resp: 1192801
Ion Ratio Lower Upper
172 100
171 36.5 28.9 43.3
170 24.6 18.6 27.8

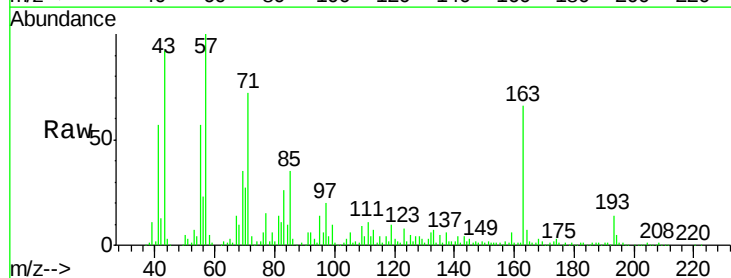


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

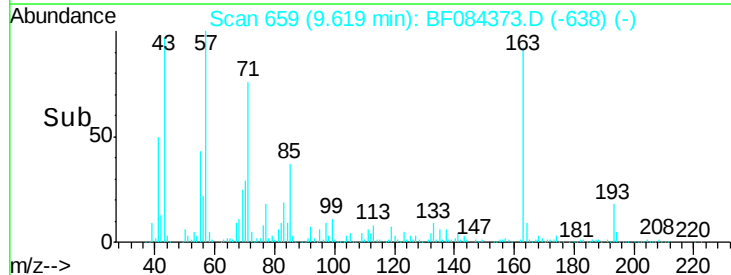
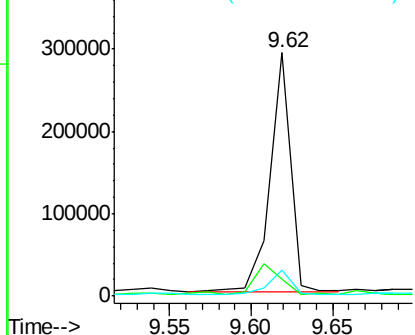


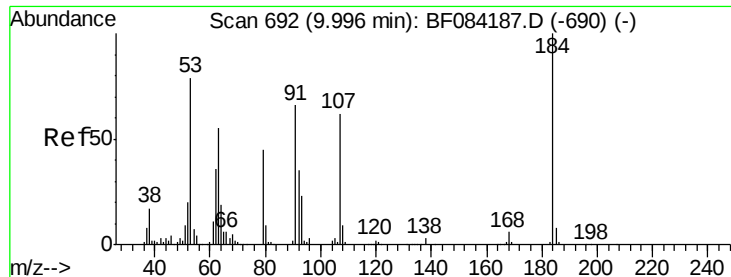
#49
Dimethylphthalate
Concen: 8.29 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.06 min
Lab File: BF084373.D
Acq: 11 Jan 2016 12:11

Tgt Ion:163 Resp: 255736
Ion Ratio Lower Upper
163 100
194 7.1 8.0 12.0#
164 10.6 8.0 12.0



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

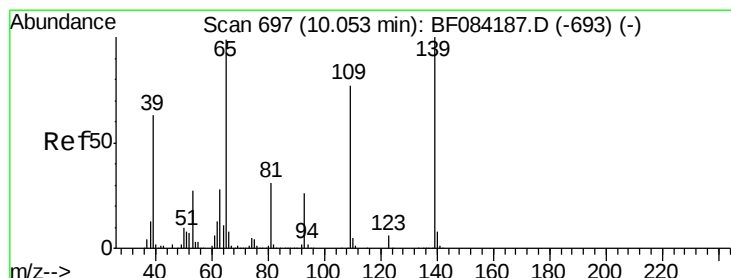
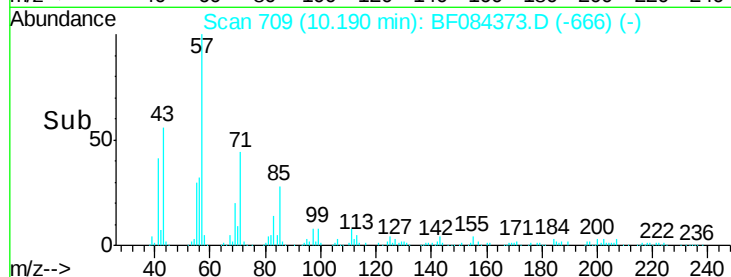
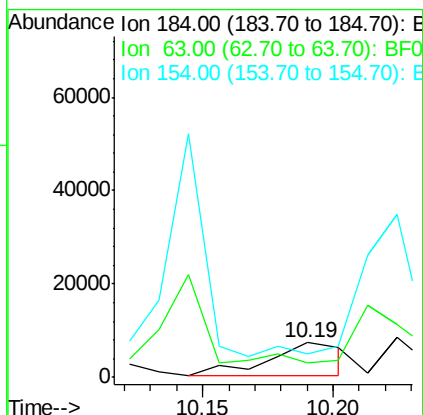
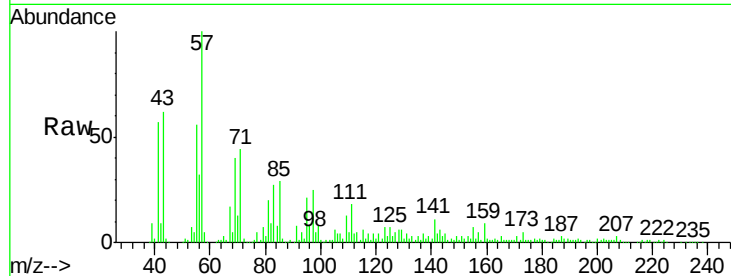




#53
2,4-Dinitrophenol
Concen: 8.34 ng
RT: 10.19 min Scan# 709
Delta R.T. 0.19 min
Lab File: BF084373.D
Acq: 11 Jan 2016 12:11

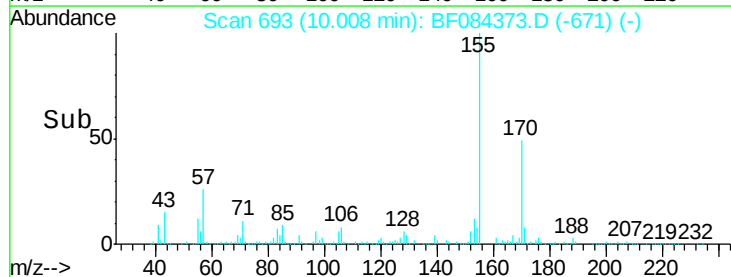
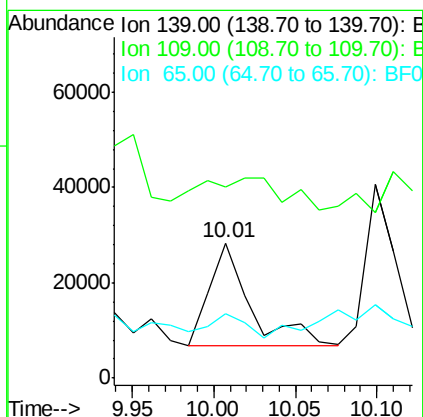
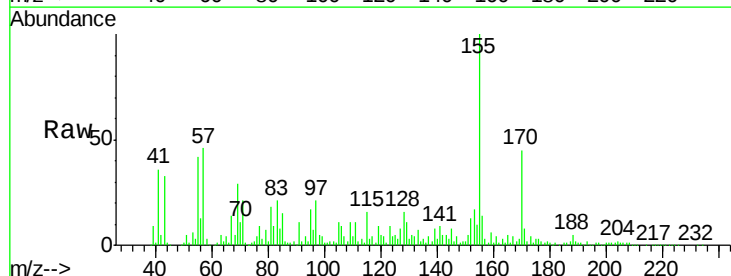
Instrument :
BNA_F
ClientSampleId :
SB-3N(0-10)

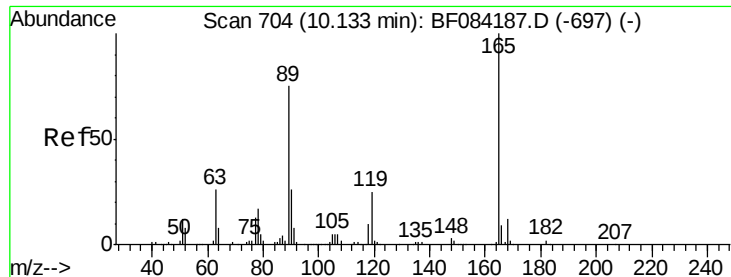
Tgt Ion:184 Resp: 14429
Ion Ratio Lower Upper
184 100
63 43.1 43.1 64.7
154 66.2 60.5 90.7



#55
4-Nitrophenol
Concen: 6.25 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.05 min
Lab File: BF084373.D
Acq: 11 Jan 2016 12:11

Tgt Ion:139 Resp: 38057
Ion Ratio Lower Upper
139 100
109 141.4 58.5 98.5#
65 48.1 57.6 97.6#

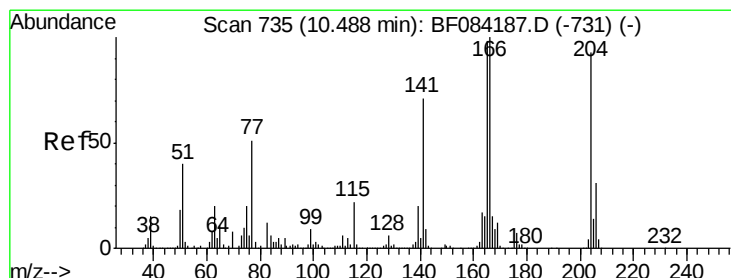
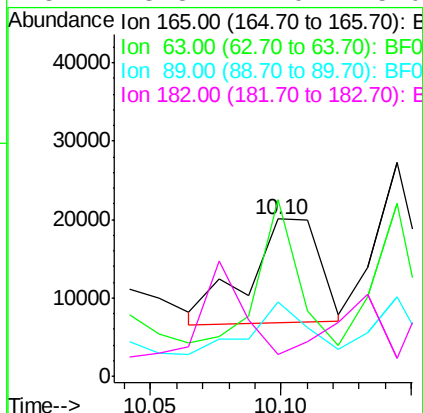
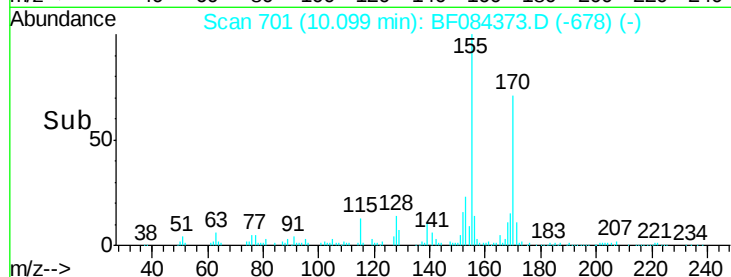
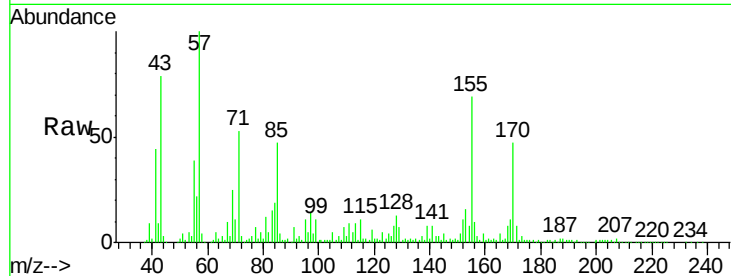




#56
2,4-Dinitrotoluene
Concen: 2.90 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF084373.D
Acq: 11 Jan 2016 12:11

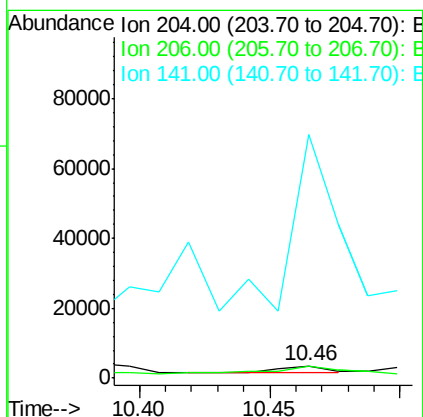
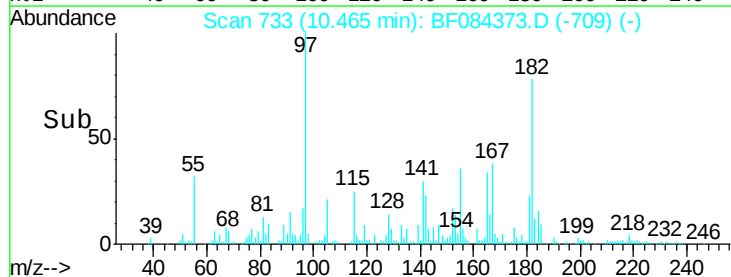
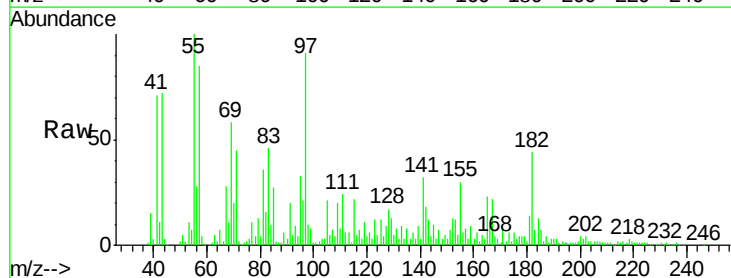
Instrument :
BNA_F
ClientSampleId :
SB-3N(0-10)

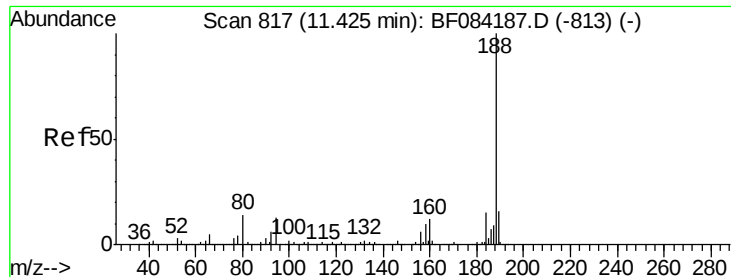
Tgt Ion:165 Resp: 24858
Ion Ratio Lower Upper
165 100
63 112.6 36.7 55.1#
89 47.1 61.9 92.9#
182 13.8 2.0 3.0#



#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.46 min Scan# 733
Delta R.T. -0.02 min
Lab File: BF084373.D
Acq: 11 Jan 2016 12:11

Tgt Ion:204 Resp: 2668
Ion Ratio Lower Upper
204 100
206 95.7 25.7 38.5#
141 2007.0 55.1 82.7#

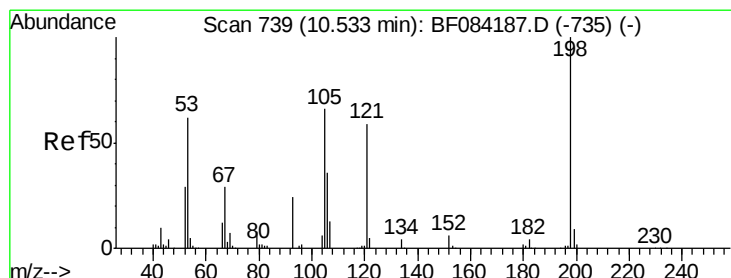
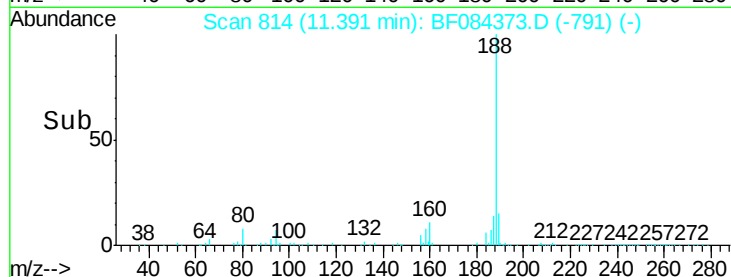
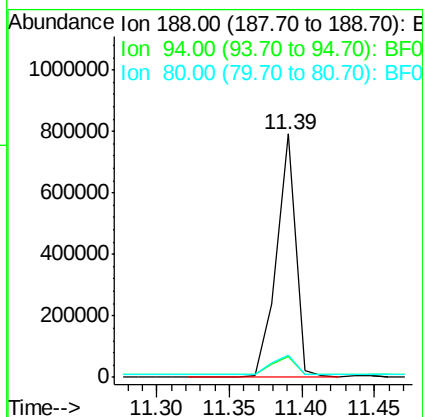
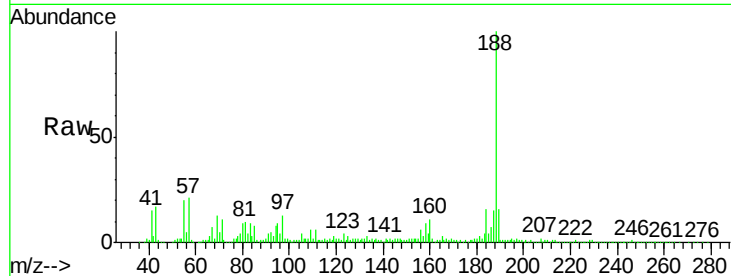




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF084373.D
Acq: 11 Jan 2016 12:11

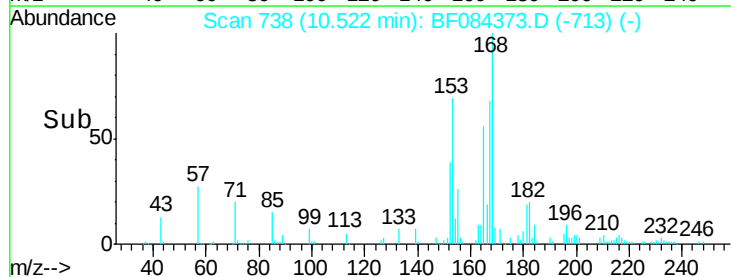
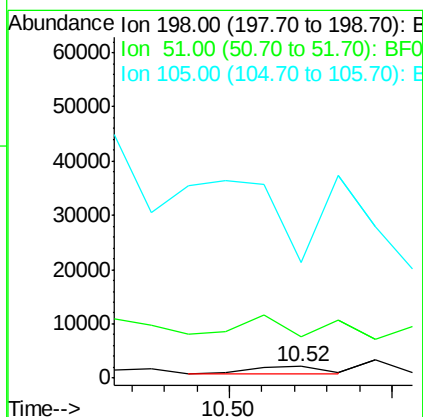
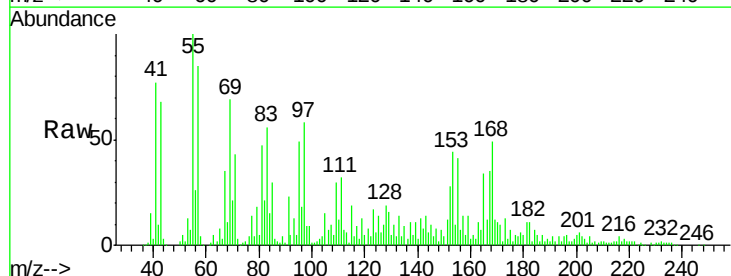
Instrument :
BNA_F
ClientSampleId :
SB-3N(0-10)

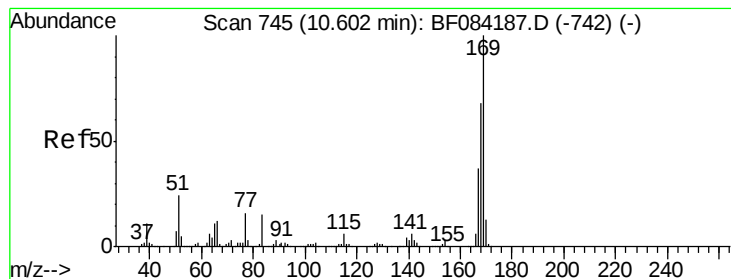
Tgt Ion:188 Resp: 726996
Ion Ratio Lower Upper
188 100
94 8.4 9.0 13.4#
80 8.9 9.6 14.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 6.76 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF084373.D
Acq: 11 Jan 2016 12:11

Tgt Ion:198 Resp: 2060
Ion Ratio Lower Upper
198 100
51 345.1 18.9 58.9#
105 977.7 26.4 66.4#

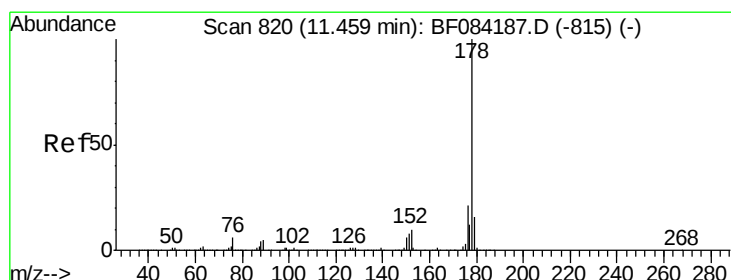
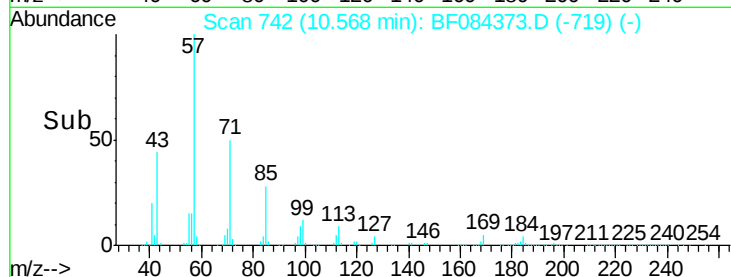
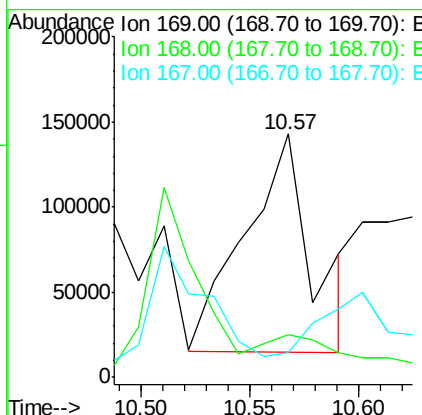
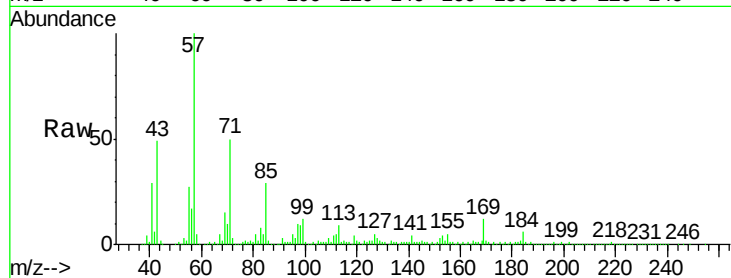




#65
 n-Nitrosodiphenylamine
 Concen: 11.90 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF084373.D
 Acq: 11 Jan 2016 12:11

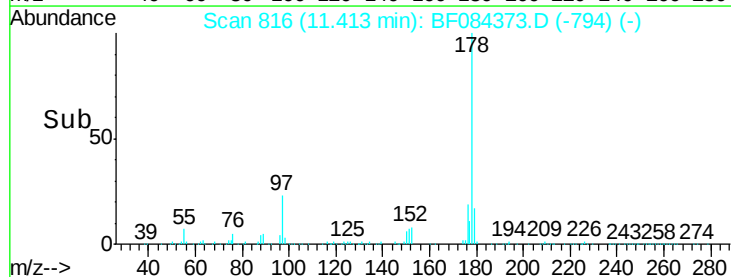
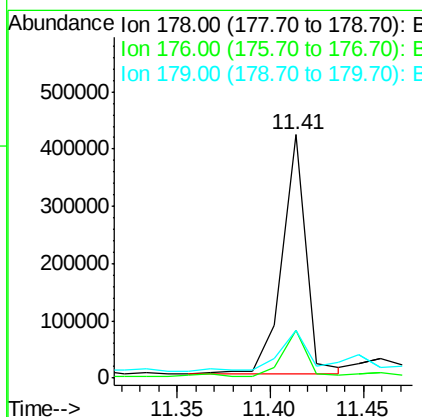
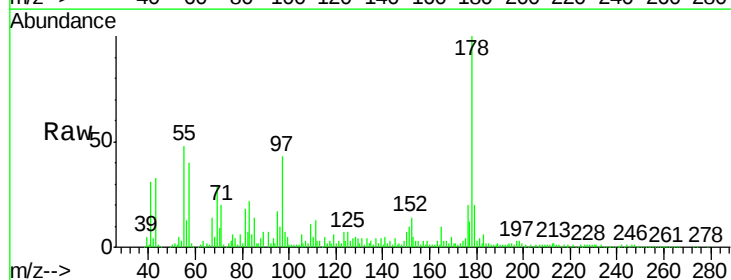
Instrument :
 BNA_F
 ClientSampleId :
 SB-3N(0-10)

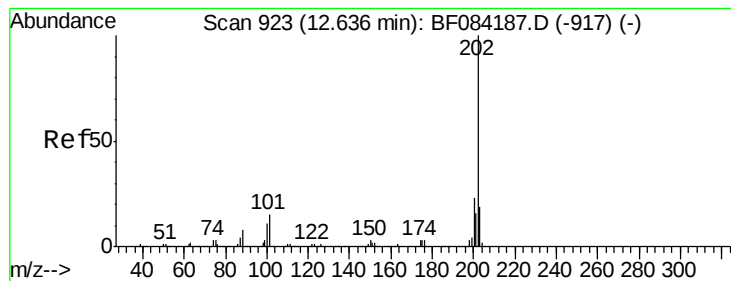
Tgt Ion:169 Resp: 276662
 Ion Ratio Lower Upper
 169 100
 168 17.5 55.1 82.7#
 167 10.3 30.0 45.0#



#70
 Phenanthrene
 Concen: 9.83 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.05 min
 Lab File: BF084373.D
 Acq: 11 Jan 2016 12:11

Tgt Ion:178 Resp: 373843
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.3 22.9
 179 19.5 12.0 18.0#





#74

Fluoranthene

Concen: 2.86 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.05 min

Lab File: BF084373.D

Acq: 11 Jan 2016 12:11

Instrument :

BNA_F

ClientSampleId :

SB-3N(0-10)

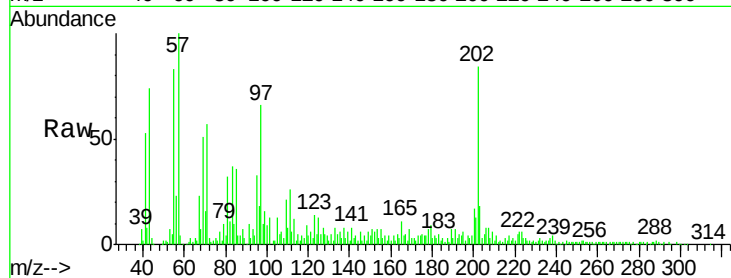
Tgt Ion:202 Resp: 113661

Ion Ratio Lower Upper

202 100

101 15.2 0.0 32.8

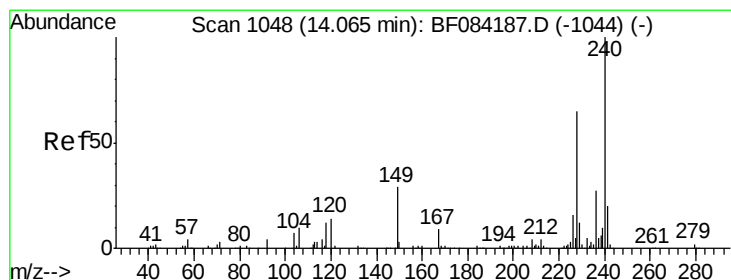
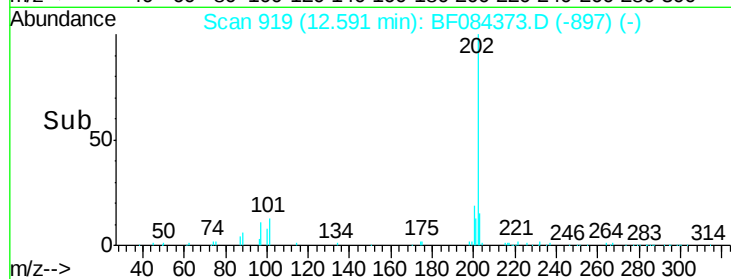
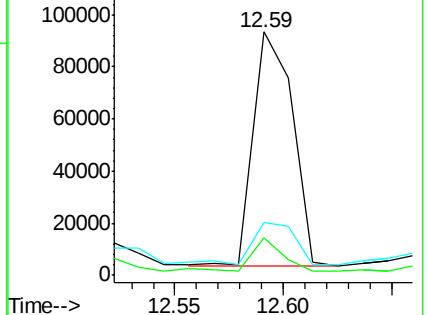
203 21.6 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF084373.D

Acq: 11 Jan 2016 12:11

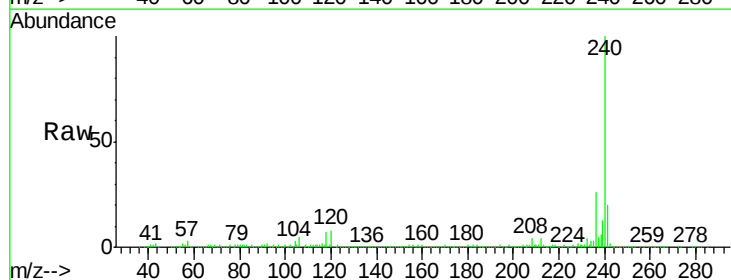
Tgt Ion:240 Resp: 541420

Ion Ratio Lower Upper

240 100

120 8.3 9.5 14.3#

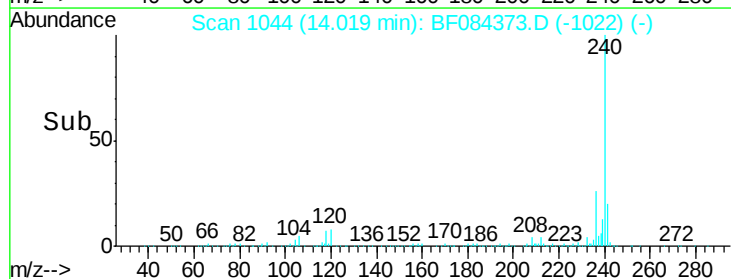
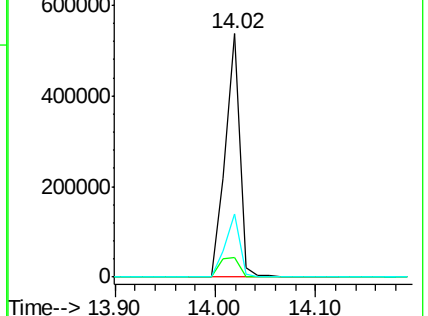
236 25.8 20.6 31.0

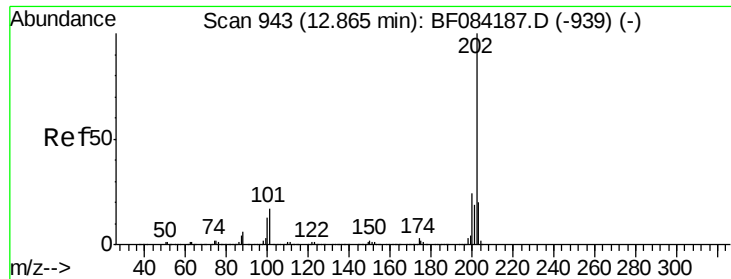


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

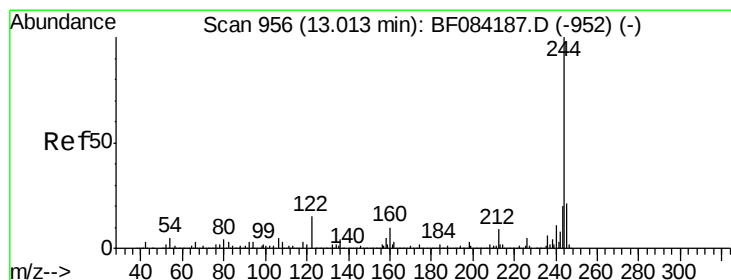
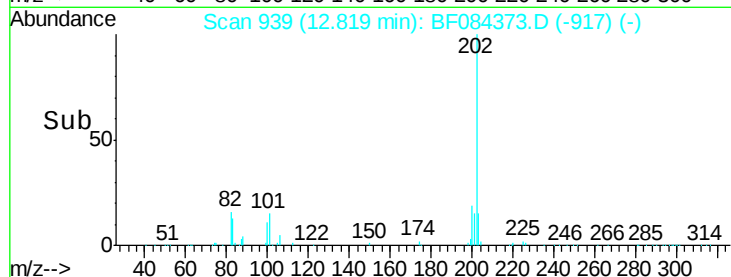
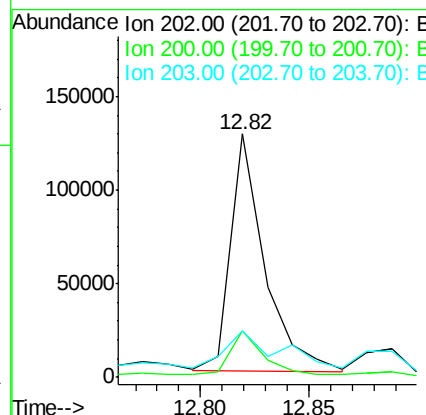
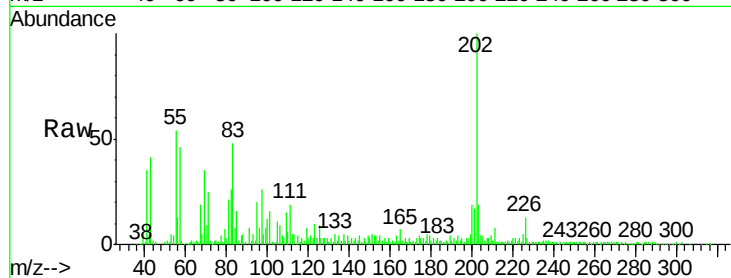




#77
 Pyrene
 Concen: 3.24 ng
 RT: 12.82 min Scan# 939
 Delta R.T. -0.05 min
 Lab File: BF084373.D
 Acq: 11 Jan 2016 12:11

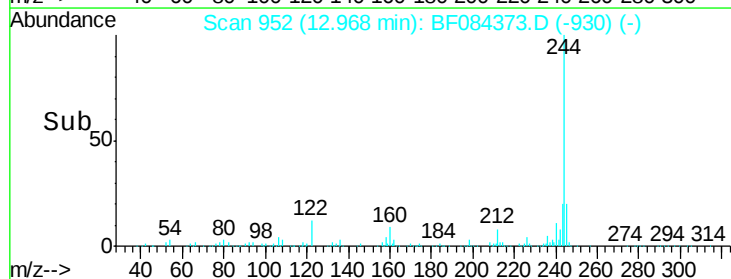
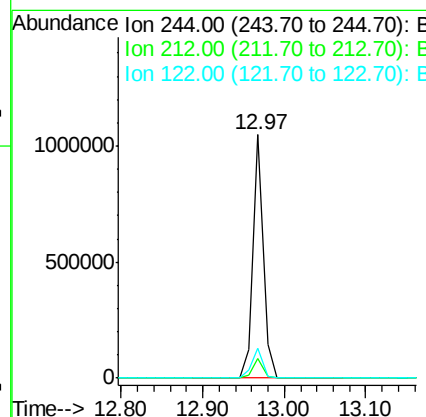
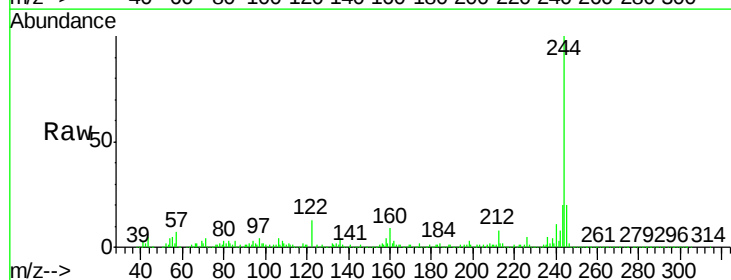
Instrument :
 BNA_F
 ClientSampleId :
 SB-3N(0-10)

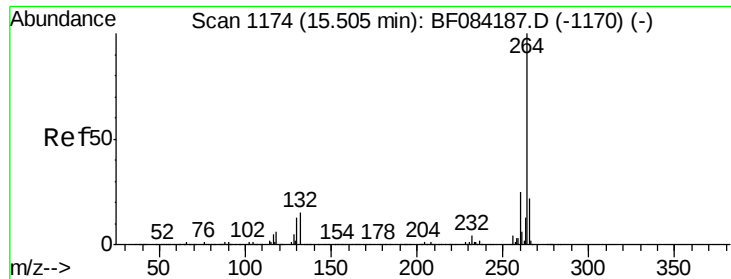
Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.2	17.2	25.8
203	19.2	14.3	21.5



#78
 Terphenyl-d14
 Concen: 37.59 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.05 min
 Lab File: BF084373.D
 Acq: 11 Jan 2016 12:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.7	8.5
122	12.5	7.4	11.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.45 min Scan# 1169

Delta R.T. -0.06 min

Lab File: BF084373.D

Acq: 11 Jan 2016 12:11

Instrument :

BNA_F

ClientSampleId :

SB-3N(0-10)

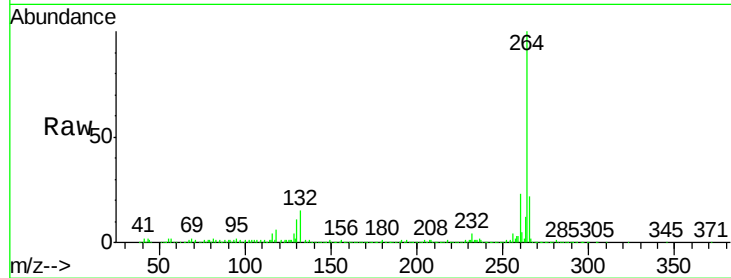
Tgt Ion:264 Resp: 483562

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.2

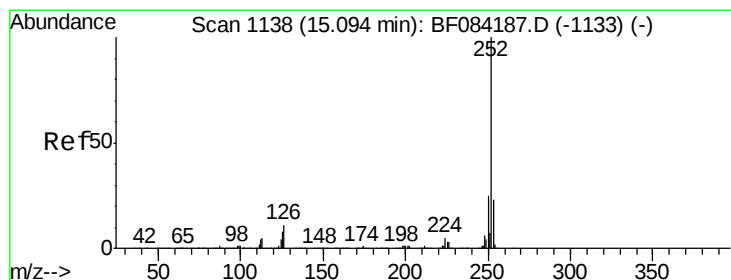
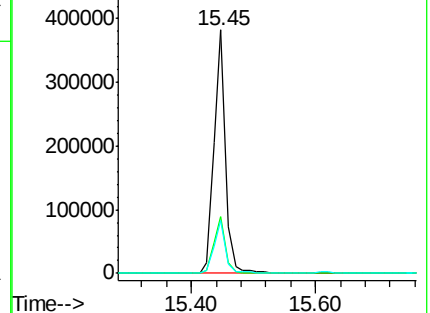
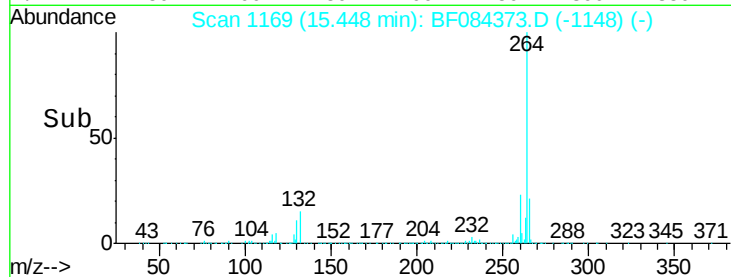
265 21.5 17.8 26.6



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



#87

Benzo(b)fluoranthene

Concen: 2.28 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.06 min

Lab File: BF084373.D

Acq: 11 Jan 2016 12:11

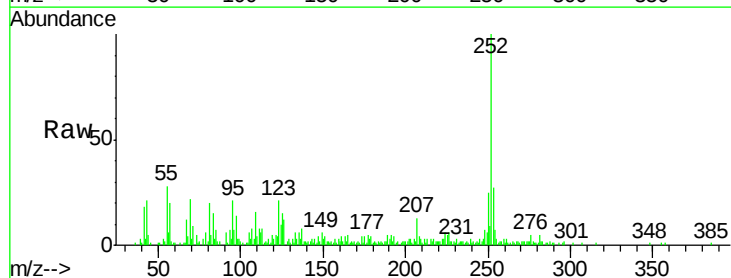
Tgt Ion:252 Resp: 72103

Ion Ratio Lower Upper

252 100

253 26.6 17.3 25.9#

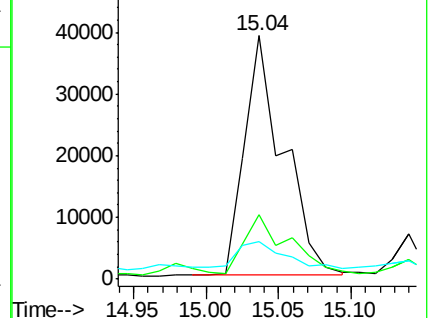
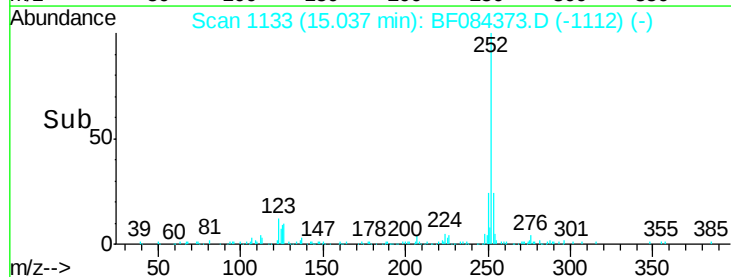
125 15.5 6.5 9.7#

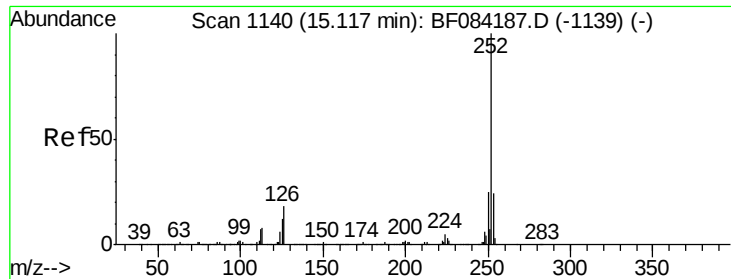


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 2.84 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.08 min

Lab File: BF084373.D

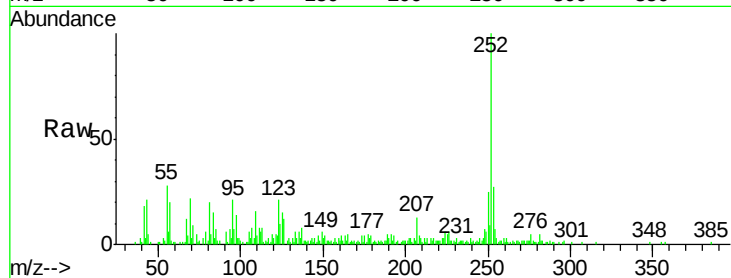
Acq: 11 Jan 2016 12:11

Instrument :

BNA_F

ClientSampleId :

SB-3N(0-10)



Tgt Ion:	252	Resp:	73405
Ion	Ratio	Lower	Upper
252	100		
253	26.6	18.1	27.1
125	15.5	9.0	13.6#

