

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
 Data File : BF091135.D
 Acq On : 9 Nov 2016 20:18
 Operator : UM/SJ
 Sample : H5602-01DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 USTD

Quant Time: Nov 09 23:16:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

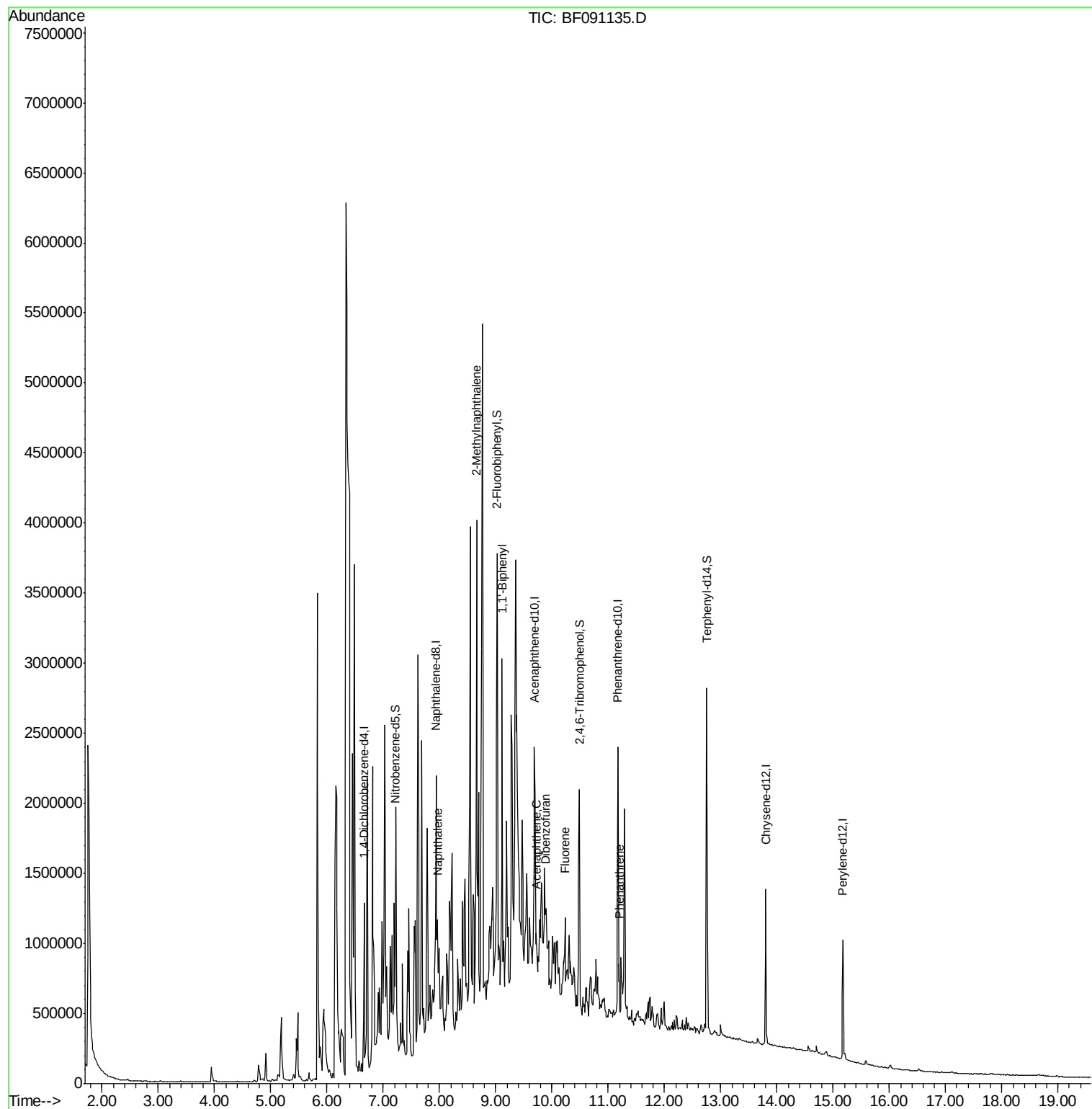
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	200373	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	768280	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	478499	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	719683	20.00	ng	0.00
75) Chrysene-d12	13.80	240	471345	20.00	ng	-0.01
86) Perylene-d12	15.17	264	366016	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	2369	0.20	ng	0.15
7) Phenol-d6	6.34	99	18255	1.11	ng	0.02
23) Nitrobenzene-d5	7.22	82	609120	43.25	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	246508	56.98	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1143986	41.16	ng	-0.01
78) Terphenyl-d14	12.75	244	790434	41.85	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	7.96	128	258981	7.05	ng	# 95
37) 2-Methylnaphthalene	8.66	142	1108014	46.91	ng	100
45) 1,1'-Biphenyl	9.12	154	116276	3.33	ng	89
51) Acenaphthene	9.72	154	56994	2.20	ng	97
54) Dibenzofuran	9.89	168	79185	2.27	ng	# 87
57) Fluorene	10.24	166	105855	3.71	ng	# 96
70) Phenanthrene	11.20	178	134902	3.53	ng	98

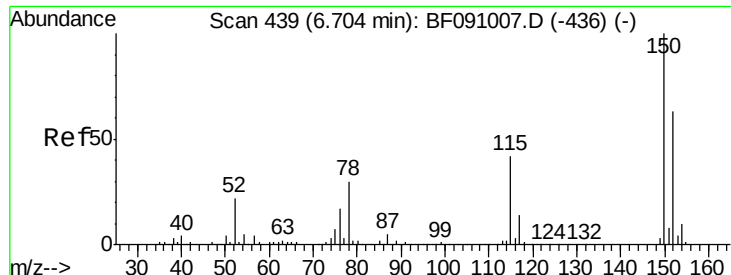
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
Data File : BF091135.D
Acq On : 9 Nov 2016 20:18
Operator : UM/SJ
Sample : H5602-01DL 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
USTDL

Quant Time: Nov 09 23:16:04 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

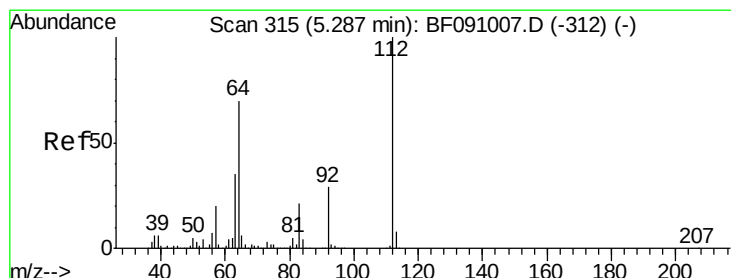
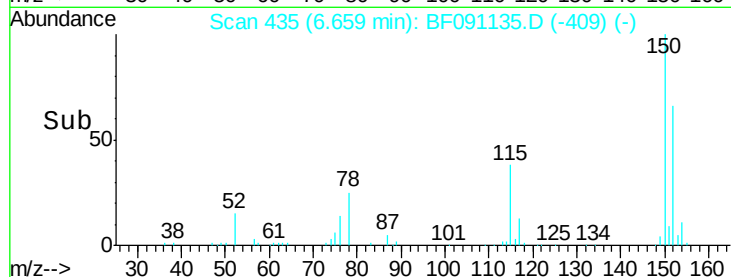
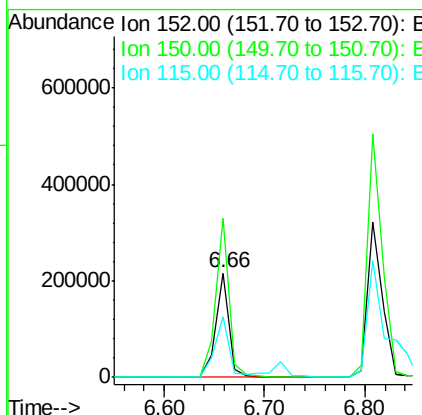
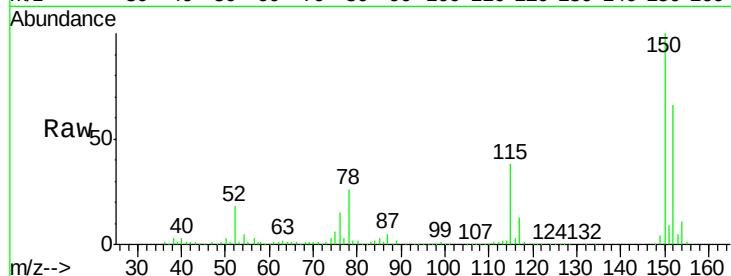




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: BF091135.D
 Acq: 9 Nov 2016 20:18

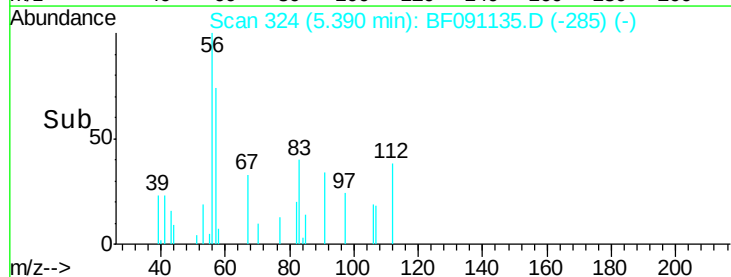
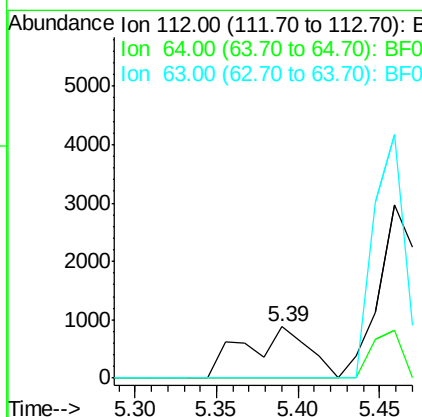
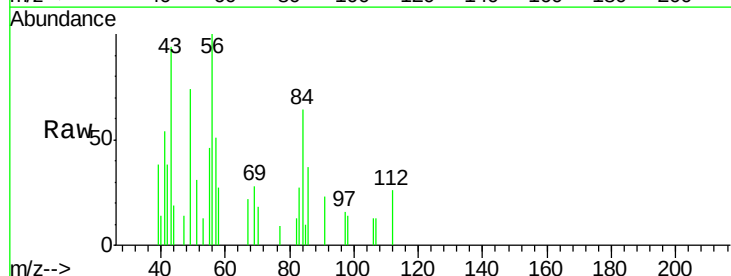
Instrument :
 BNA_F
 ClientSampleId :
 USTD

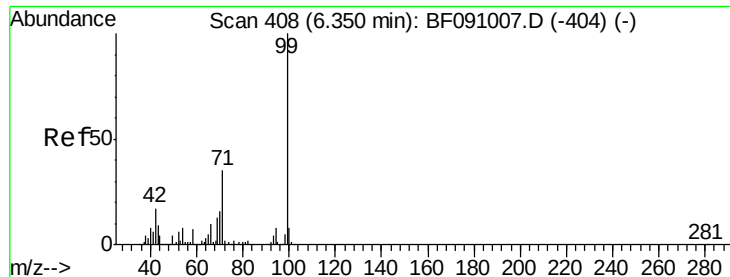
Tot Ion:152 Resp: 200373
 Ion Ratio Lower Upper
 152 100
 150 152.3 126.8 190.2
 115 58.3 53.3 79.9



#5
 2-Fluorophenol
 Concen: 0.20 ng
 RT: 5.39 min Scan# 324
 Delta R.T. 0.15 min
 Lab File: BF091135.D
 Acq: 9 Nov 2016 20:18

Tgt Ion:112 Resp: 2369
 Ion Ratio Lower Upper
 112 100
 64 0.0 55.8 83.6#
 63 0.0 28.0 42.0#





#7

Phenol-d6

Concen: 1.11 ng

RT: 6.34 min Scan# 407

Delta R.T. 0.02 min

Lab File: BF091135.D

Acq: 9 Nov 2016 20:18

Instrument :

BNA_F

ClientSampleId :

USTDL

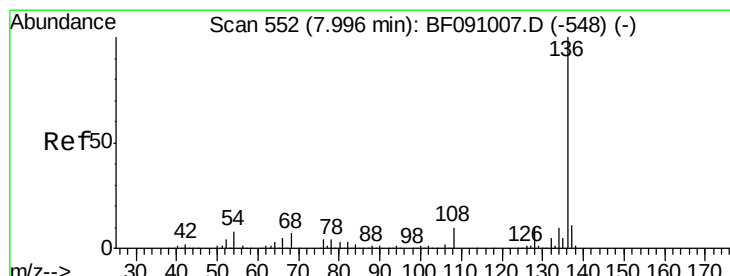
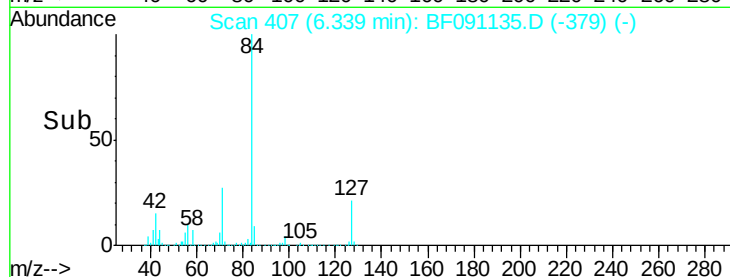
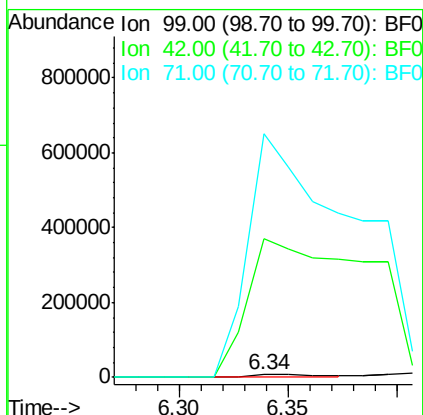
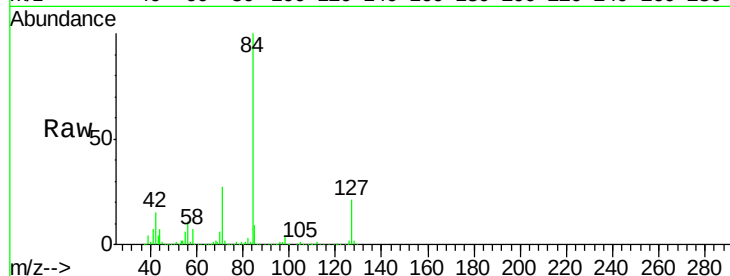
Tot Ion: 99 Resp: 18255

Ion Ratio Lower Upper

99 100

42 4944.9 13.9 20.9#

71 8692.9 27.8 41.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF091135.D

Acq: 9 Nov 2016 20:18

Tgt Ion: 136 Resp: 768280

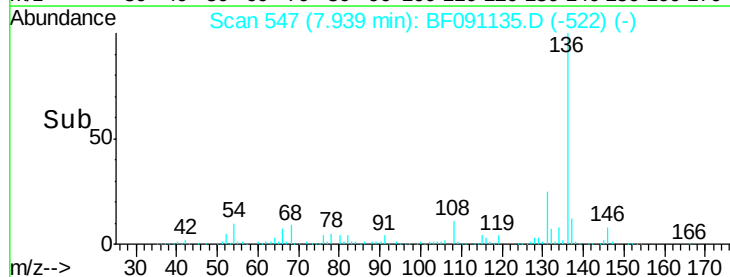
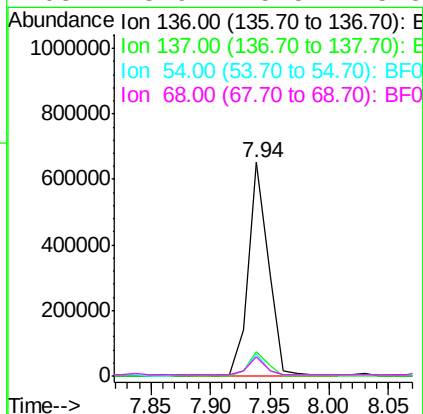
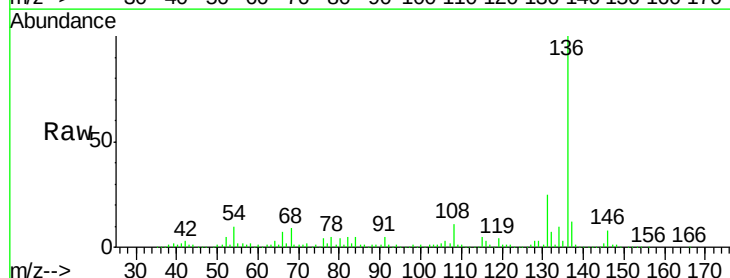
Ion Ratio Lower Upper

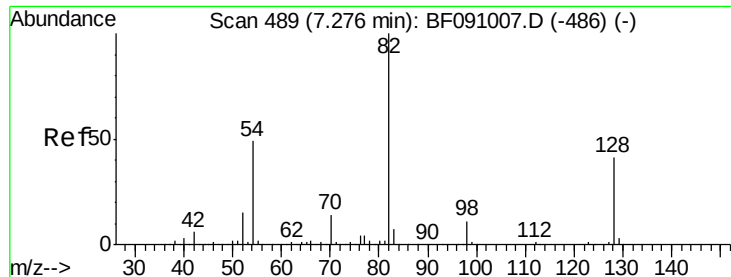
136 100

137 11.5 8.9 13.3

54 10.2 6.2 9.2#

68 8.9 5.5 8.3#

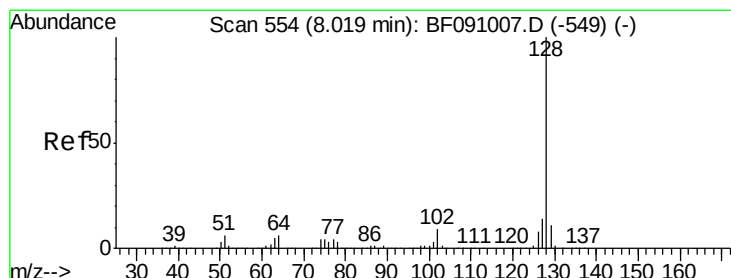
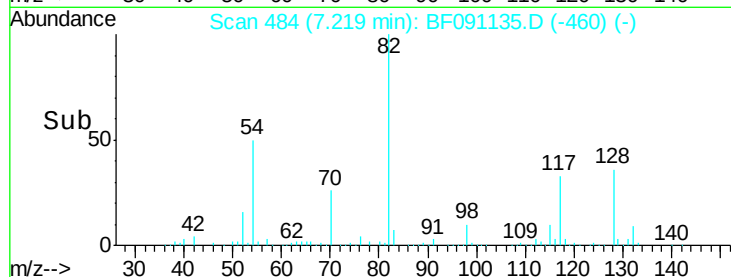
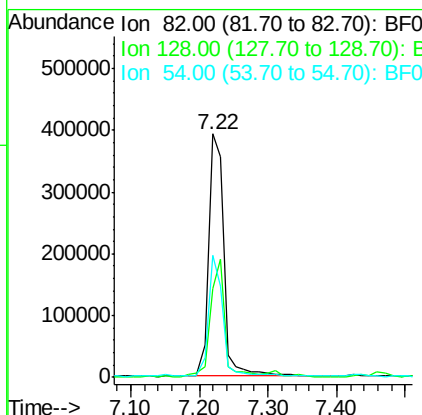
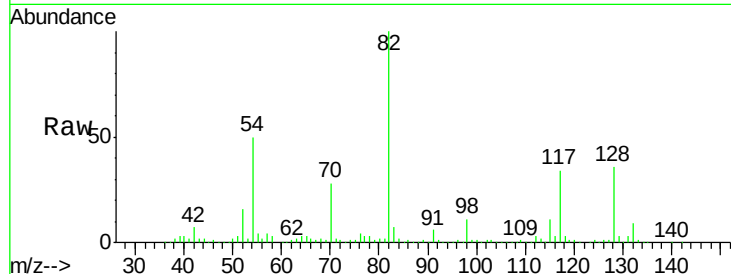




#23
Nitrobenzene-d5
Concen: 43.25 ng
RT: 7.22 min Scan# 484
Delta R.T. -0.02 min
Lab File: BF091135.D
Acq: 9 Nov 2016 20:18

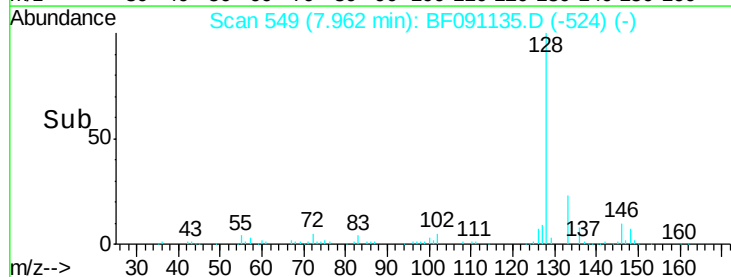
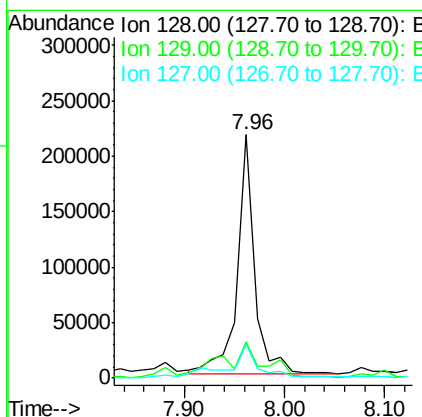
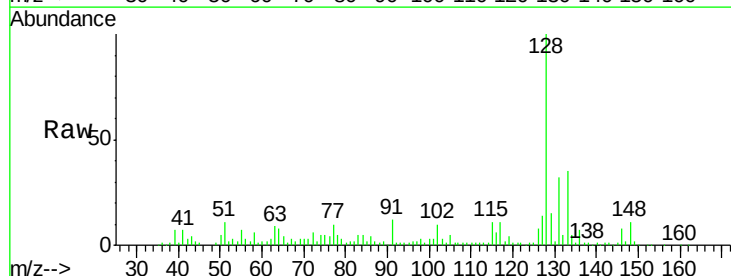
Instrument :
BNA_F
ClientSampleId :
USTDL

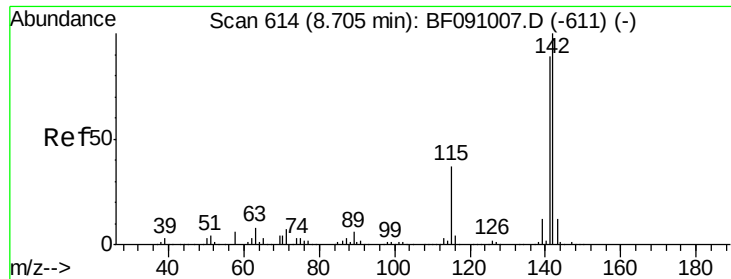
Tot Ion: 82 Resp: 609120
Ion Ratio Lower Upper
82 100
128 36.4 32.4 48.6
54 50.2 39.2 58.8



#31
Naphthalene
Concen: 7.05 ng
RT: 7.96 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF091135.D
Acq: 9 Nov 2016 20:18

Tgt Ion: 128 Resp: 258981
Ion Ratio Lower Upper
128 100
129 15.1 9.0 13.6#
127 13.6 10.9 16.3

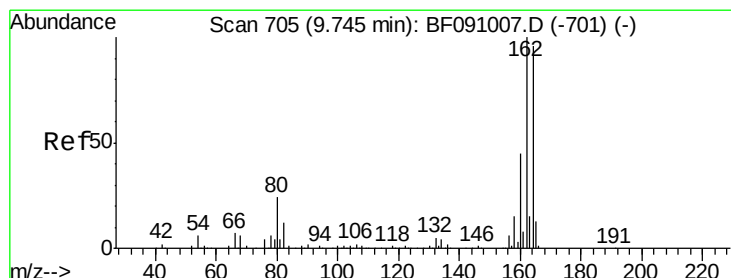
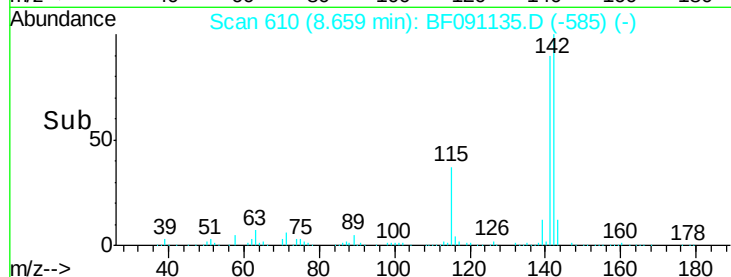
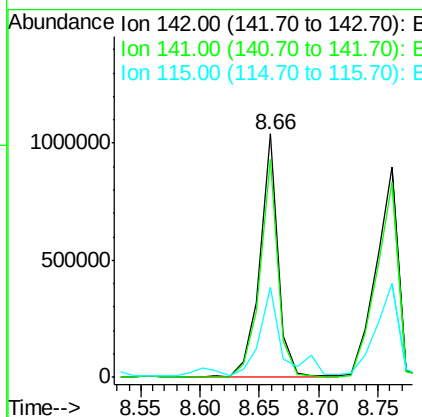
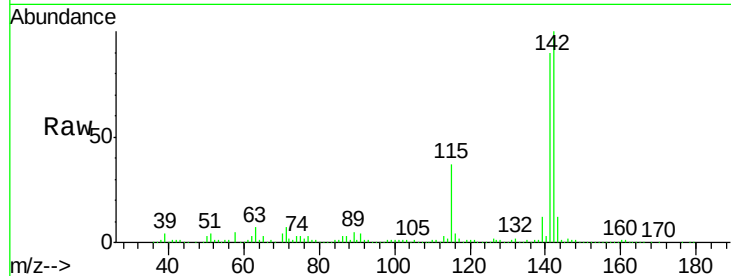




#37
 2-Methylnaphthalene
 Concen: 46.91 ng
 RT: 8.66 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF091135.D
 Acq: 9 Nov 2016 20:18

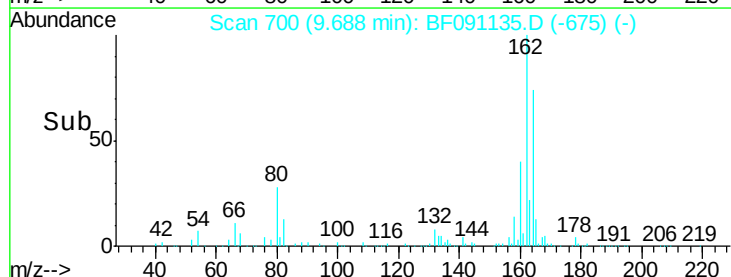
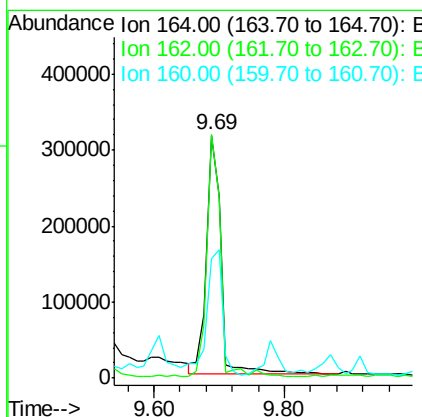
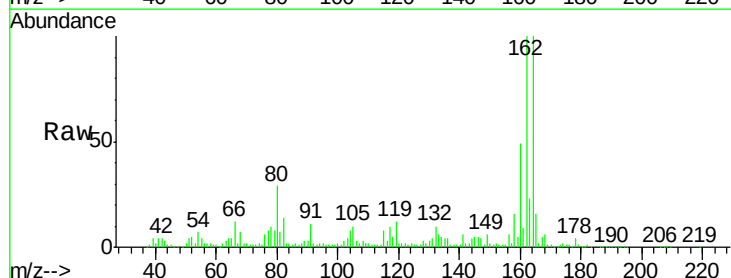
Instrument :
 BNA_F
 ClientSampleId :
 USTD

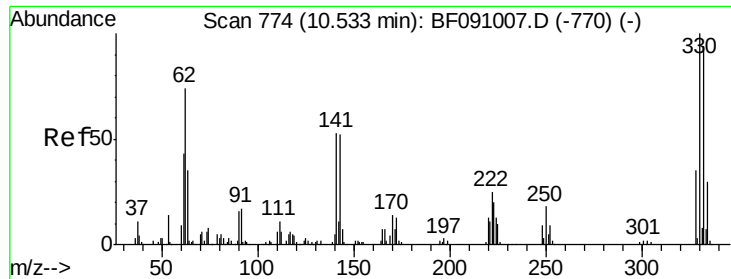
Tot Ion:142 Resp: 1108014
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.3 106.9
 115 37.2 29.9 44.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF091135.D
 Acq: 9 Nov 2016 20:18

Tgt Ion:164 Resp: 478499
 Ion Ratio Lower Upper
 164 100
 162 100.4 83.6 125.4
 160 49.2 37.9 56.9

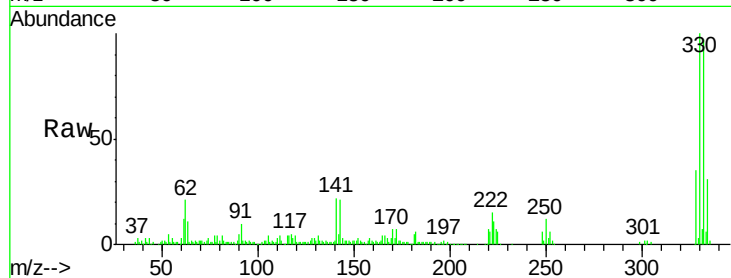




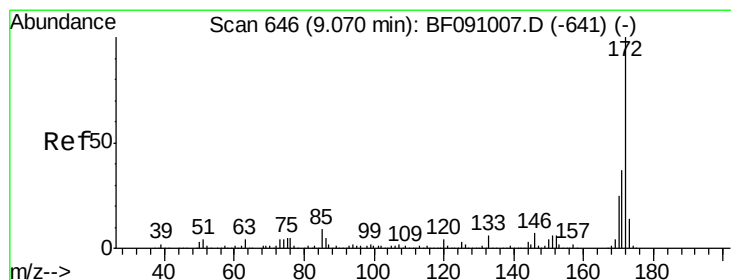
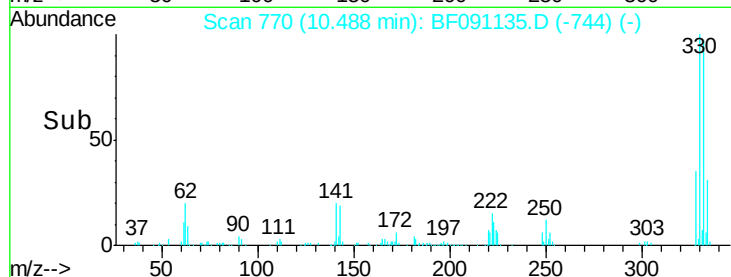
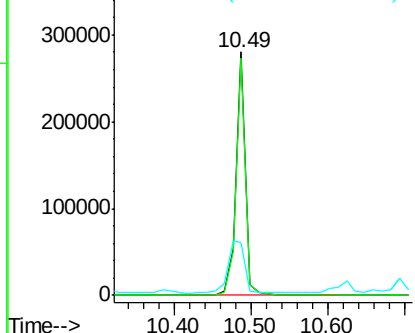
#41
 2,4,6-Tribromophenol
 Concen: 56.98 ng
 RT: 10.49 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF091135.D
 Acq: 9 Nov 2016 20:18

Instrument :
 BNA_F
 ClientSampleId :
 USTD

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	75.9	113.9
141	38.6	36.1	54.1

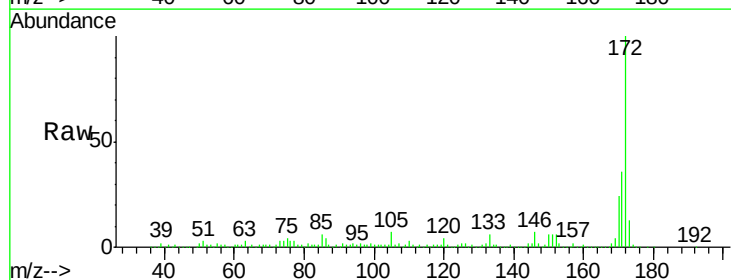


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

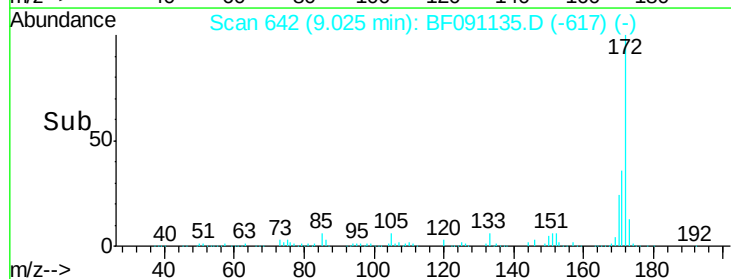
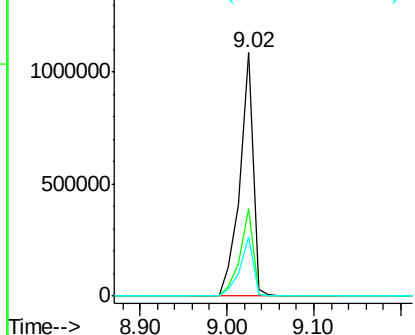


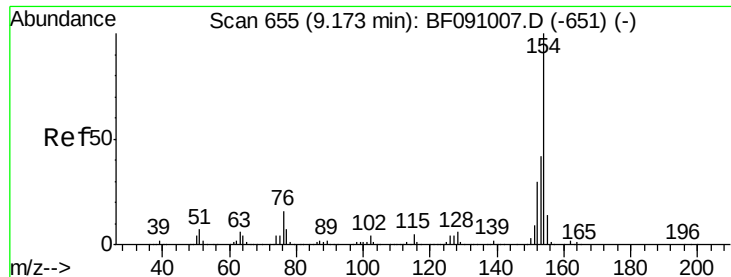
#44
 2-Fluorobiphenyl
 Concen: 41.16 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091135.D
 Acq: 9 Nov 2016 20:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.8	44.6
170	24.3	20.3	30.5



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





#45

1,1'-Biphenyl

Concen: 3.33 ng

RT: 9.12 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF091135.D

Acq: 9 Nov 2016 20:18

Instrument :

BNA_F

ClientSampleId :

USTDL

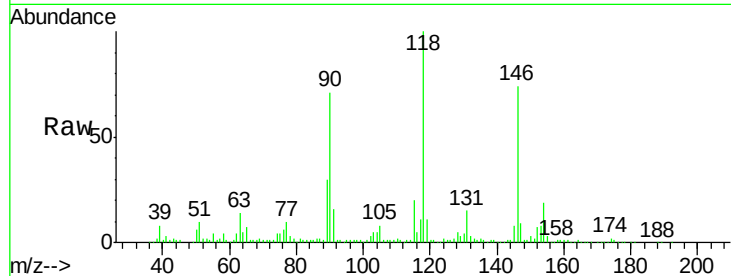
Tot Ion:154 Resp: 116276

Ion Ratio Lower Upper

154 100

153 41.7 21.6 61.6

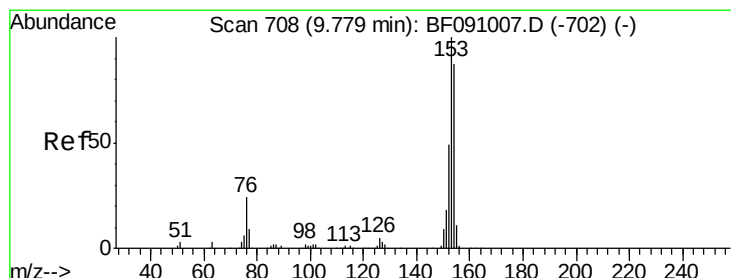
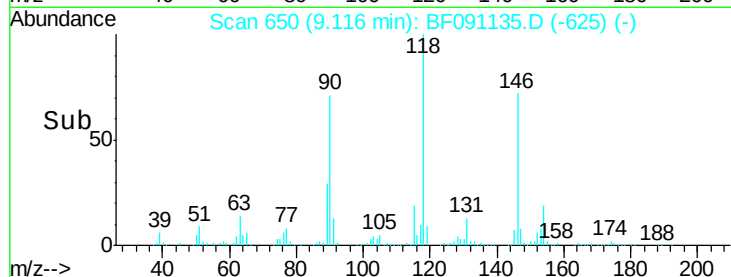
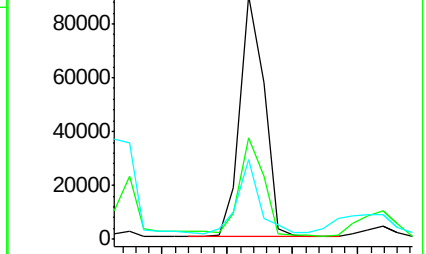
76 32.9 0.0 36.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#51

Acenaphthene

Concen: 2.20 ng

RT: 9.72 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF091135.D

Acq: 9 Nov 2016 20:18

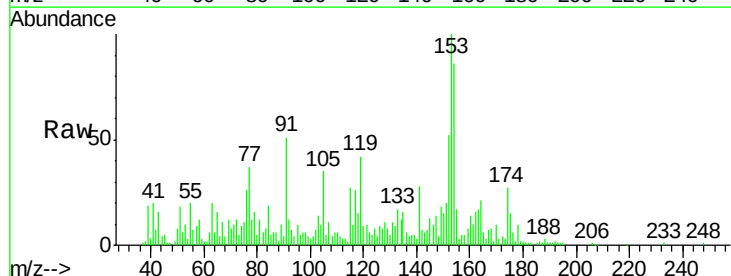
Tgt Ion:154 Resp: 56994

Ion Ratio Lower Upper

154 100

153 115.7 91.6 137.4

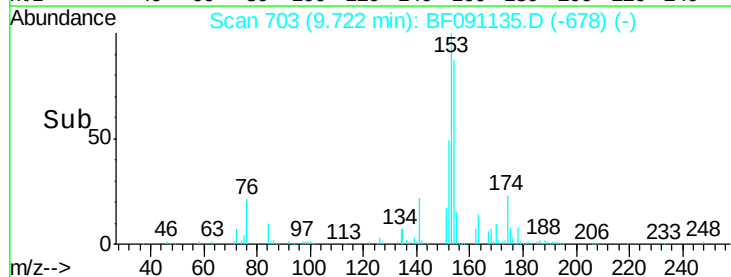
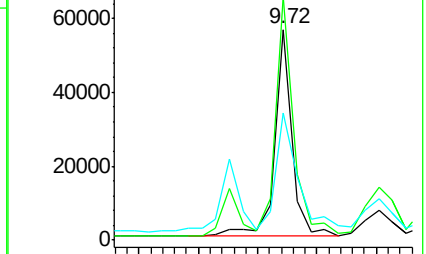
152 60.2 44.6 67.0

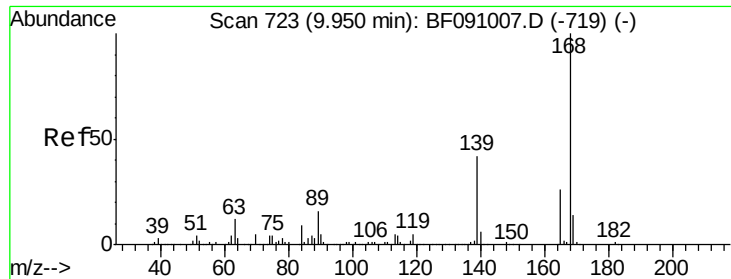


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

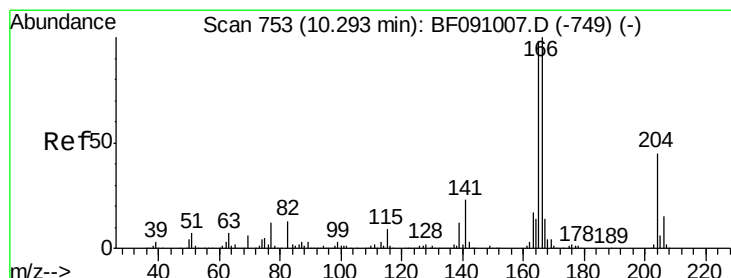
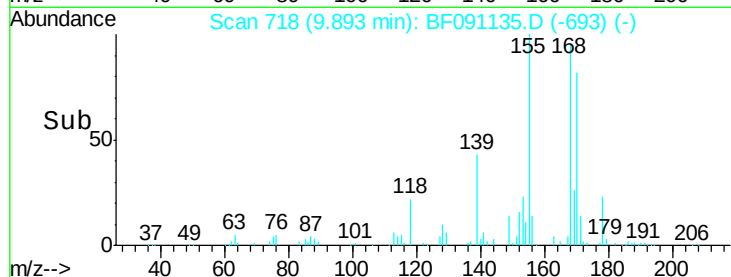
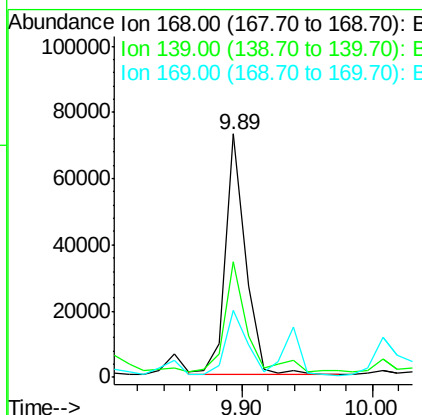
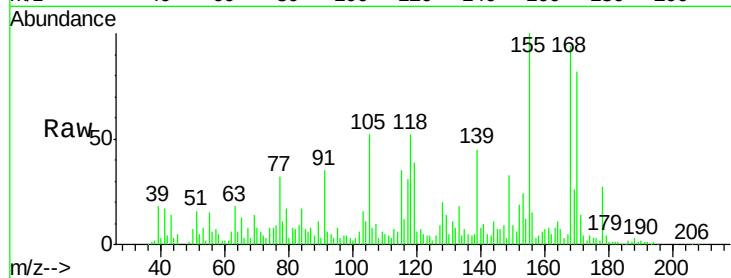




#54
Dibenzenofuran
Concen: 2.27 ng
RT: 9.89 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF091135.D
Acq: 9 Nov 2016 20:18

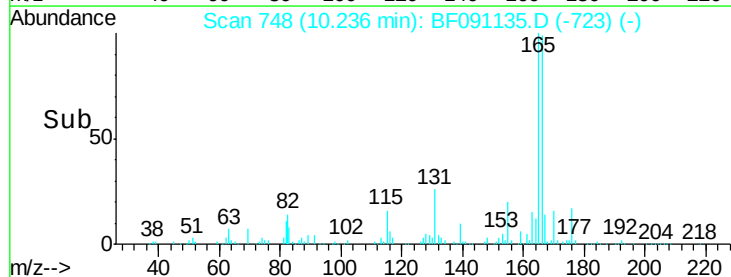
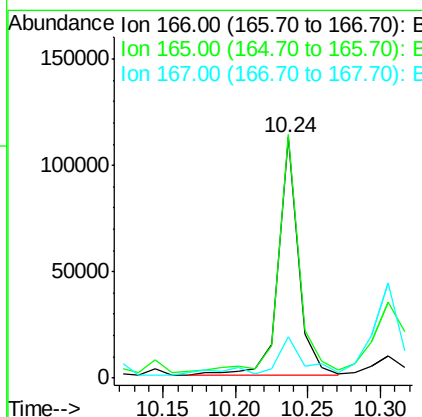
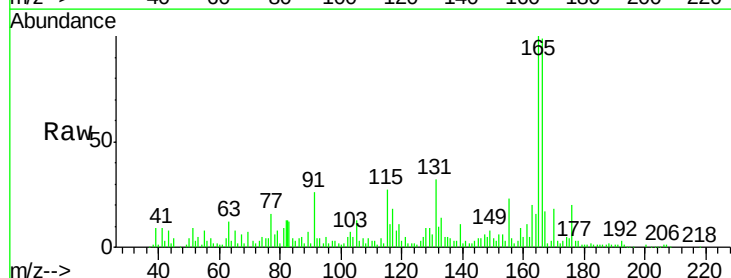
Instrument :
BNA_F
ClientSampleId :
USTDL

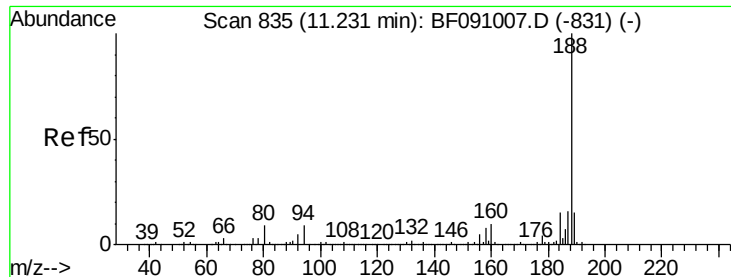
Tot Ion	Ratio	Lower	Upper
168	100		
139	47.5	34.8	52.2
169	27.4	11.4	17.2#



#57
Fluorene
Concen: 3.71 ng
RT: 10.24 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF091135.D
Acq: 9 Nov 2016 20:18

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.3	78.6	118.0
167	17.2	11.1	16.7#

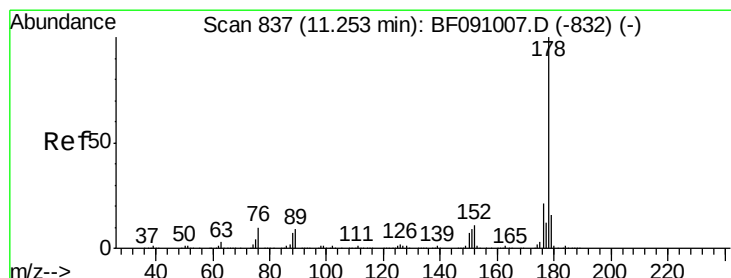
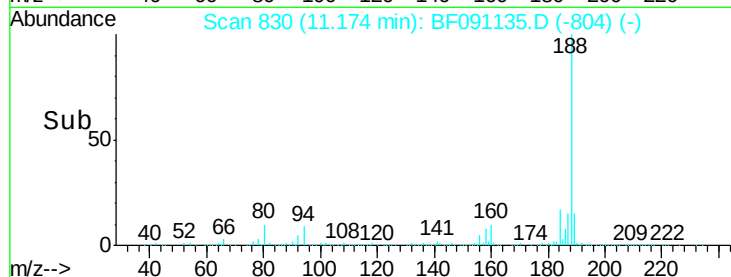
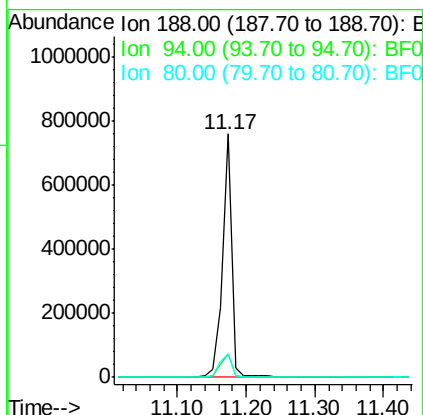
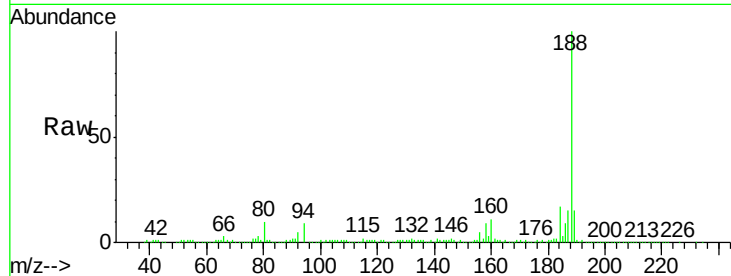




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF091135.D
Acq: 9 Nov 2016 20:18

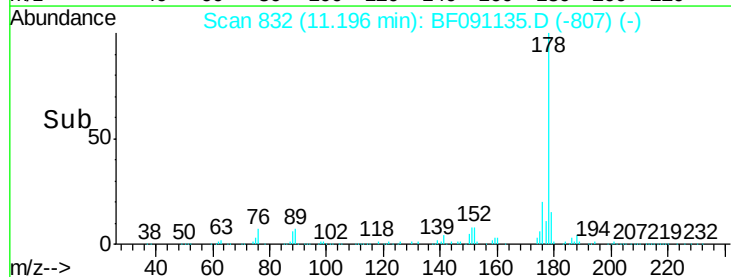
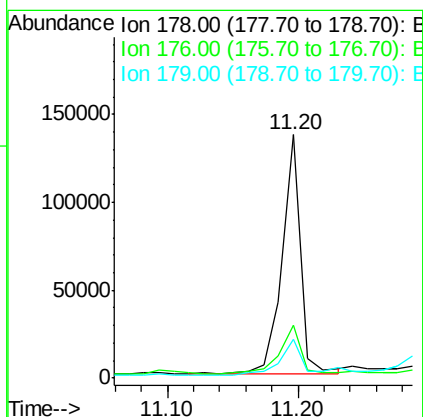
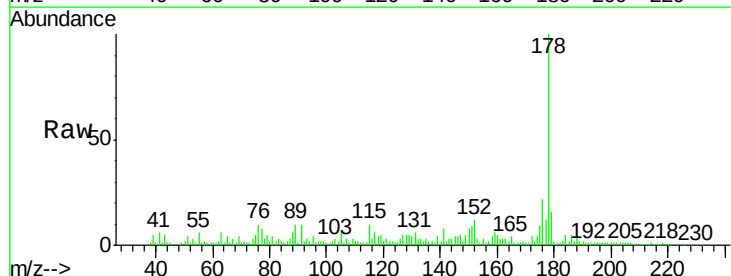
Instrument :
BNA_F
ClientSampled :
USTDL

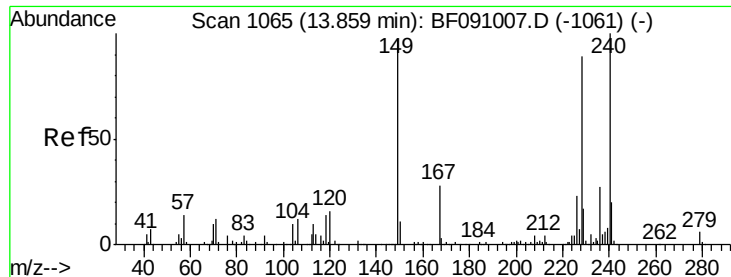
Tot Ion:188 Resp: 719683
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.4
80 9.8 7.5 11.3



#70
Phenanthrene
Concen: 3.53 ng
RT: 11.20 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF091135.D
Acq: 9 Nov 2016 20:18

Tgt Ion:178 Resp: 134902
Ion Ratio Lower Upper
178 100
176 21.8 16.6 25.0
179 15.8 12.9 19.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF091135.D

Acq: 9 Nov 2016 20:18

Instrument :

BNA_F

ClientSampleId :

USTDL

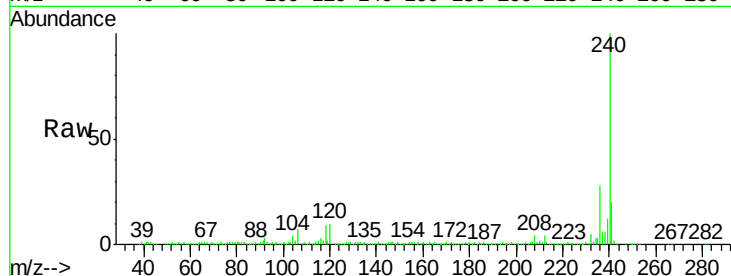
Tot Ion:240 Resp: 471345

Ion Ratio Lower Upper

240 100

120 9.9 12.9 19.3#

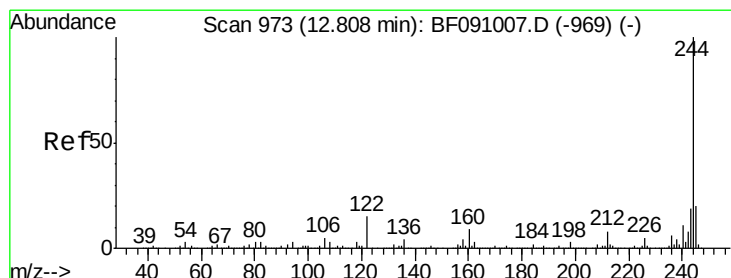
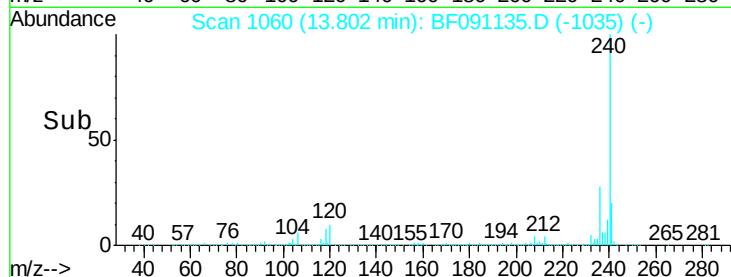
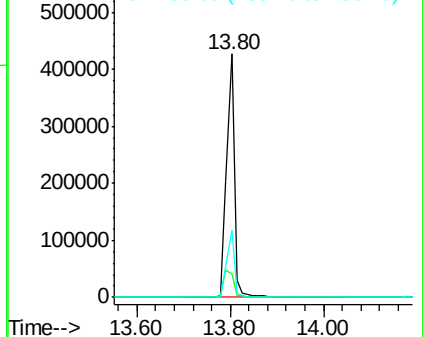
236 27.7 21.9 32.9



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: 41.85 ng

RT: 12.75 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF091135.D

Acq: 9 Nov 2016 20:18

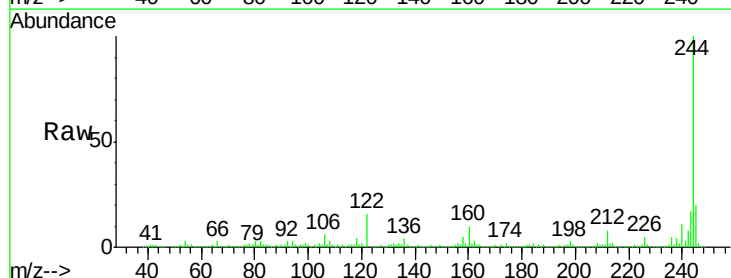
Tgt Ion:244 Resp: 790434

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

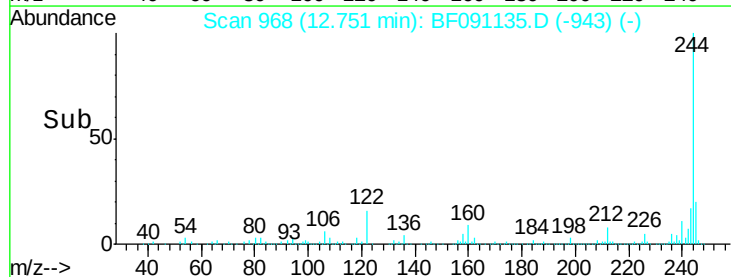
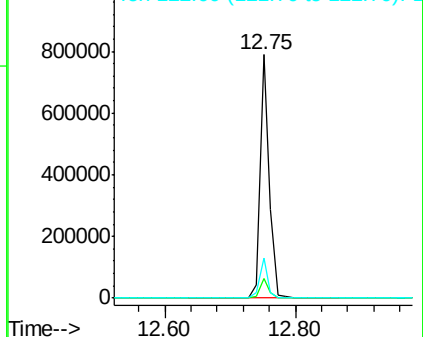
122 16.3 12.3 18.5

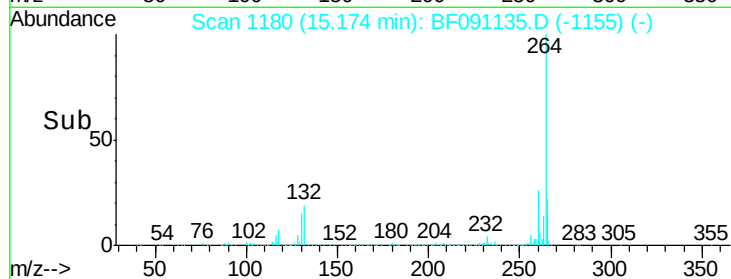
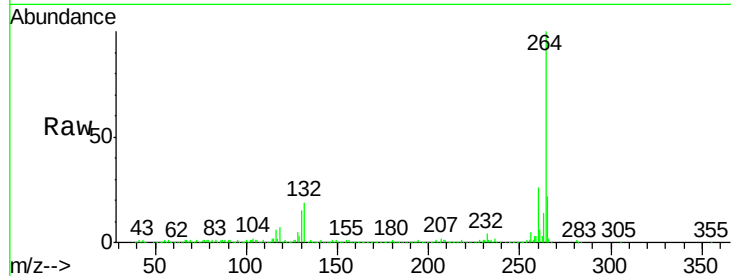
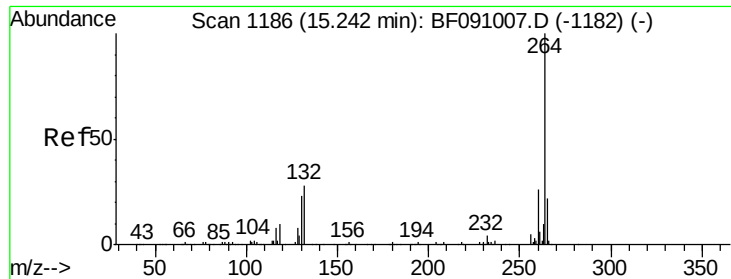


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.17 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF091135.D

Acq: 9 Nov 2016 20:18

Instrument :

BNA_F

ClientSampleId :

USTDL

Tot Ion: 264 Resp: 366016

Ion Ratio Lower Upper

264 100

260 25.5 20.6 30.8

265 21.8 17.8 26.8

