

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062016\
 Data File : BF088182.D
 Acq On : 20 Jun 2016 20:24
 Operator : UM/SJ
 Sample : PB91363BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91363BL

Quant Time: Jun 21 01:02:51 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

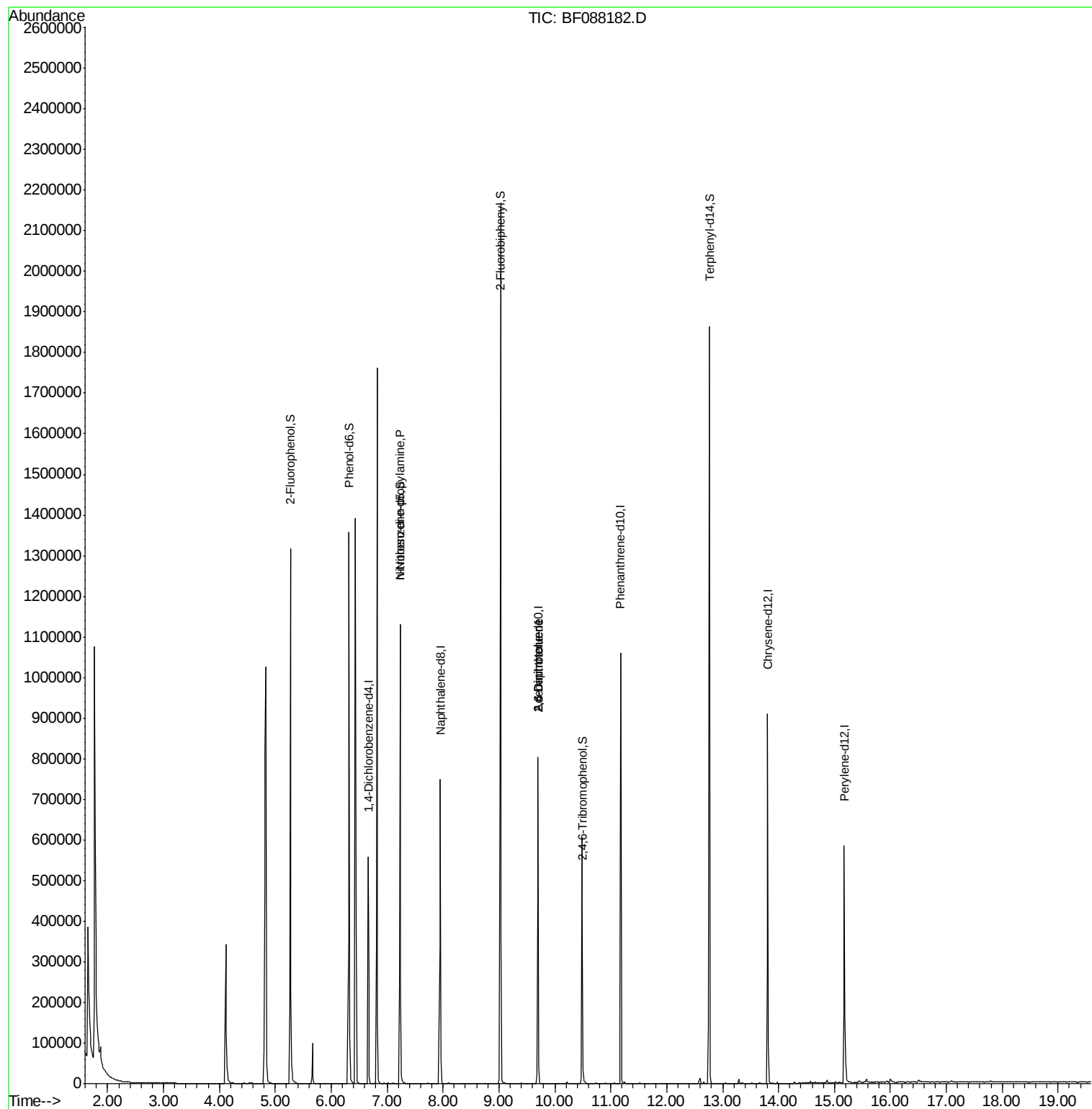
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	102303	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	421376	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	202334	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	379518	20.00	ng	0.00
75) Chrysene-d12	13.81	240	329453	20.00	ng	0.00
86) Perylene-d12	15.18	264	248126	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	397598	66.44	ng	0.01
7) Phenol-d6	6.32	99	501970	69.21	ng	-0.01
23) Nitrobenzene-d5	7.23	82	407720	56.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	101370	47.45	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	787679	59.49	ng	-0.01
78) Terphenyl-d14	12.77	244	849520	58.68	ng	0.00
Target Compounds						
10) Phenol	6.43	94	563	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.23	70	52454	11.31	ng	# 71
45) 1,1'-Biphenyl	9.03	154	1444	Below Cal	#	1
50) 2,6-Dinitrotoluene	9.70	165	25364	7.56	ng	# 37
56) 2,4-Dinitrotoluene	9.70	165	25364	5.88	ng	# 36
57) Fluorene	10.48	166	5036	Below Cal	#	88

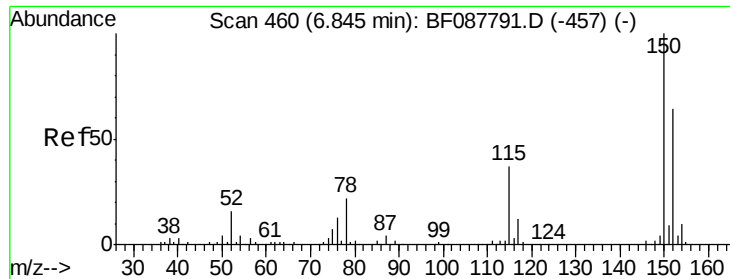
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF088182.D

Acq: 20 Jun 2016 20:24

Instrument :

BNA_F

ClientSampleId :

PB91363BL

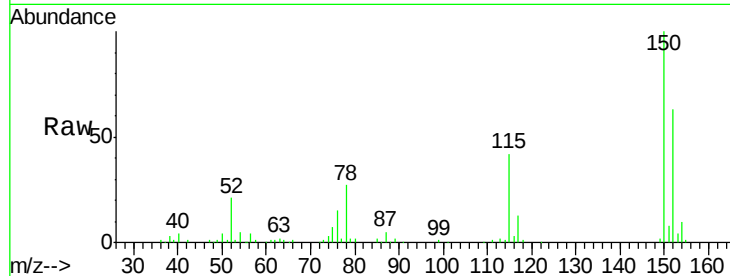
Tgt Ion:152 Resp: 102303

Ion Ratio Lower Upper

152 100

150 158.0 123.8 185.6

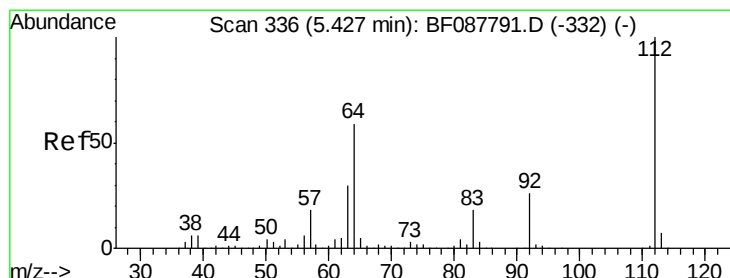
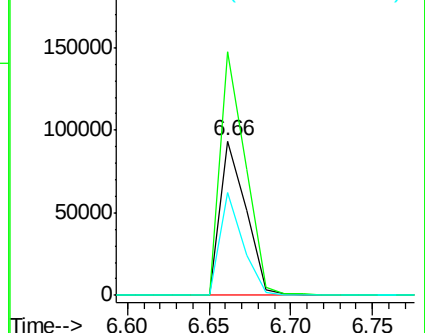
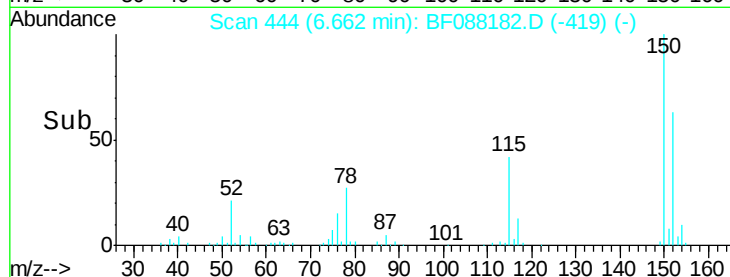
115 66.9 39.6 59.4#



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: 66.44 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF088182.D

Acq: 20 Jun 2016 20:24

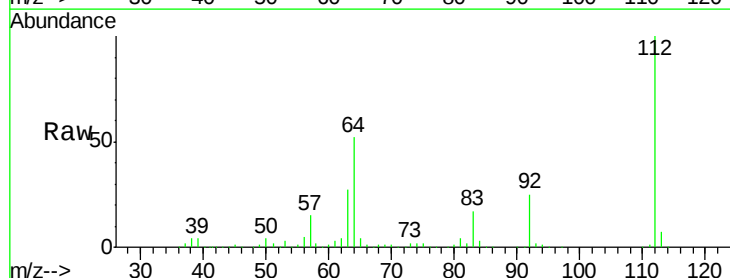
Tgt Ion:112 Resp: 397598

Ion Ratio Lower Upper

112 100

64 52.3 42.2 63.2

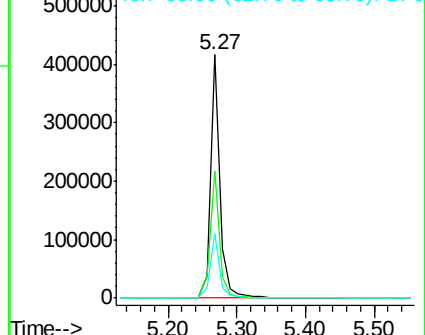
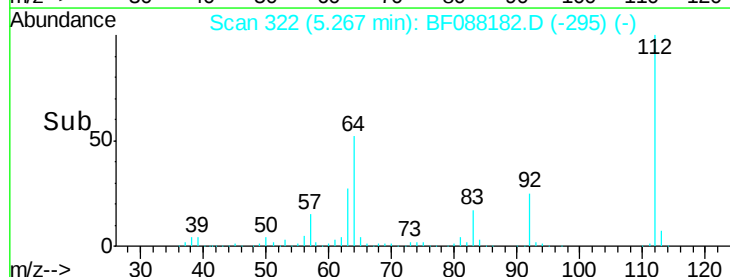
63 26.7 21.8 32.8



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: 69.21 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088182.D

Acq: 20 Jun 2016 20:24

Instrument :

BNA_F

ClientSampleId :

PB91363BL

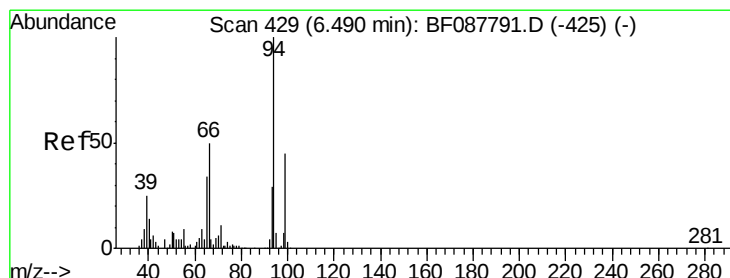
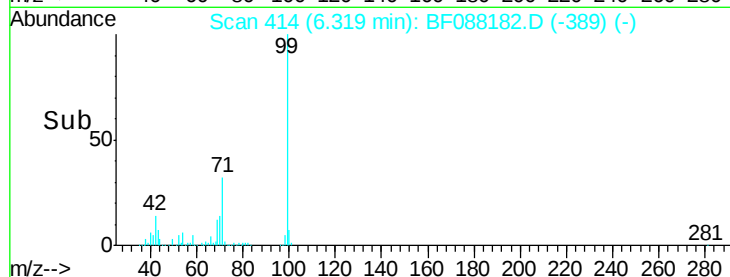
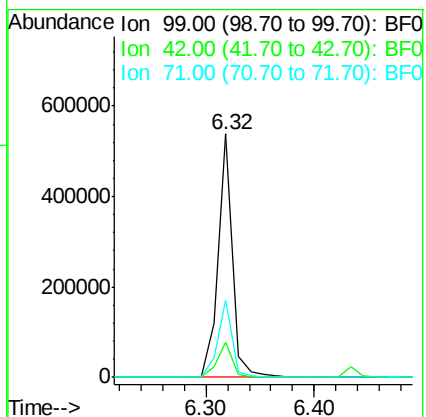
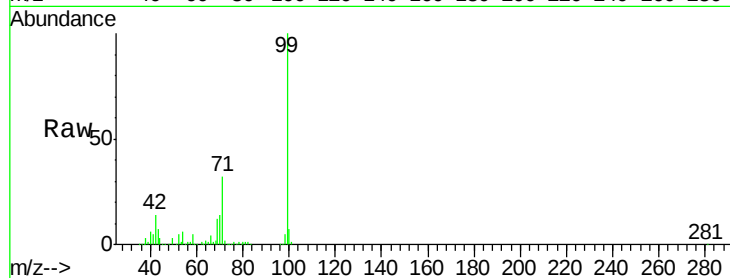
Tgt Ion: 99 Resp: 501970

Ion Ratio Lower Upper

99 100

42 14.5 12.2 18.2

71 31.9 23.4 35.0



#10

Phenol

Concen: Below Cal

RT: 6.43 min Scan# 424

Delta R.T. 0.09 min

Lab File: BF088182.D

Acq: 20 Jun 2016 20:24

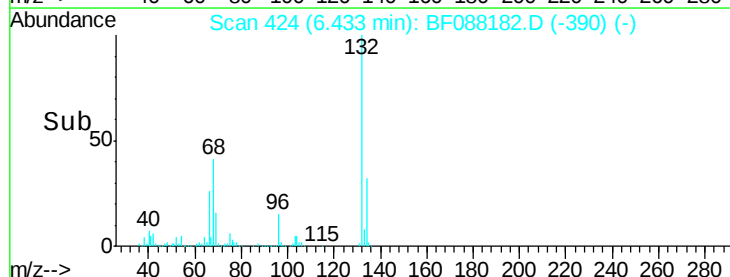
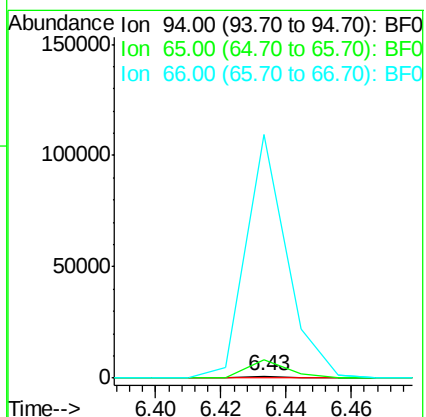
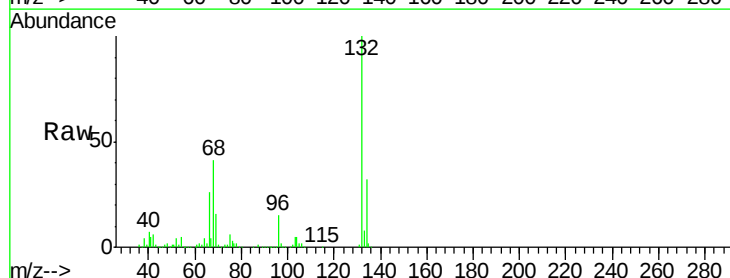
Tgt Ion: 94 Resp: 563

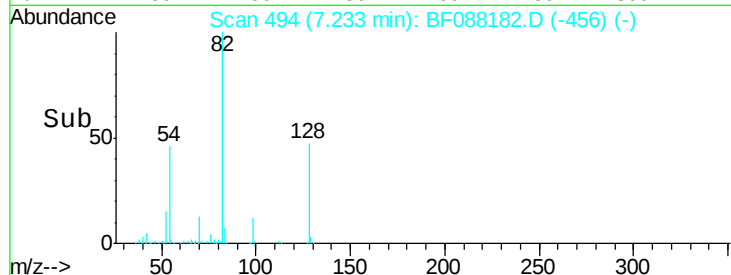
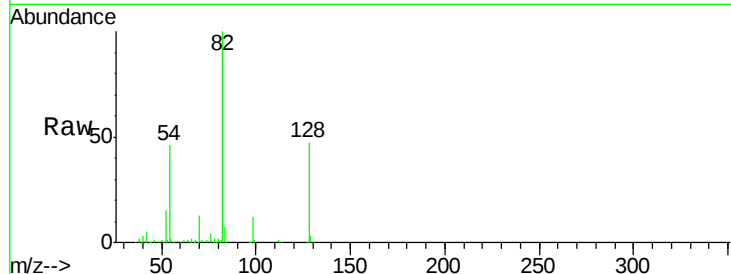
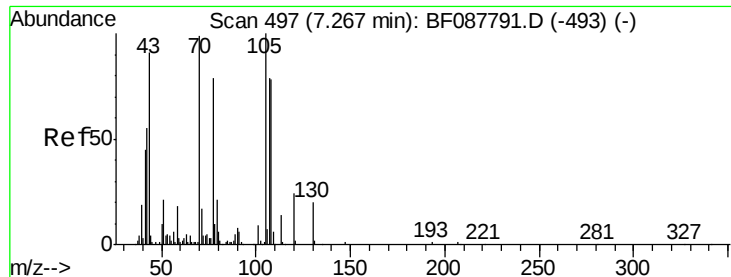
Ion Ratio Lower Upper

94 100

65 975.1 5.9 45.9#

66 13341.5 14.0 54.0#

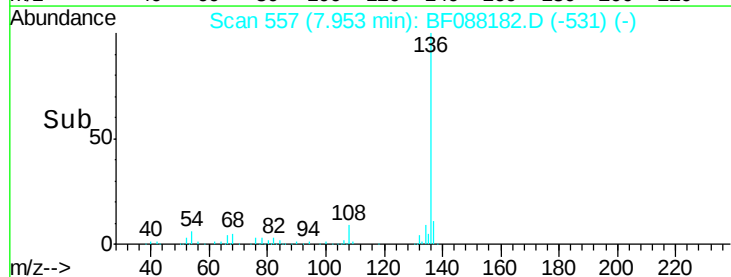
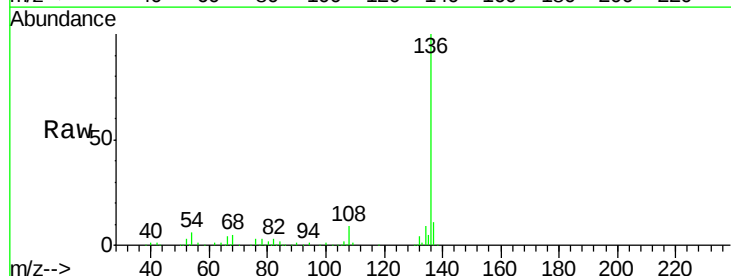
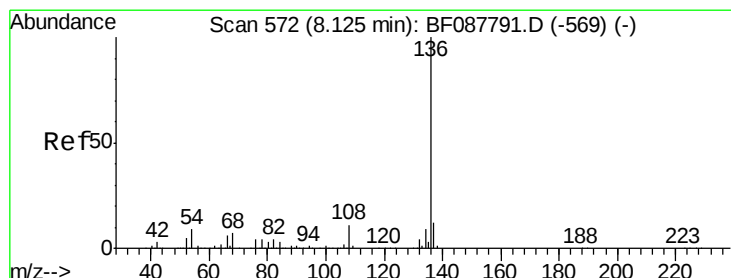
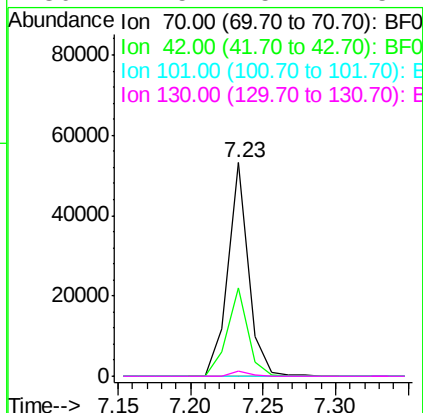




#19
n-Nitroso-di-n-propylamine
Concen: 11.31 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.14 min
Lab File: BF088182.D
Acq: 20 Jun 2016 20:24

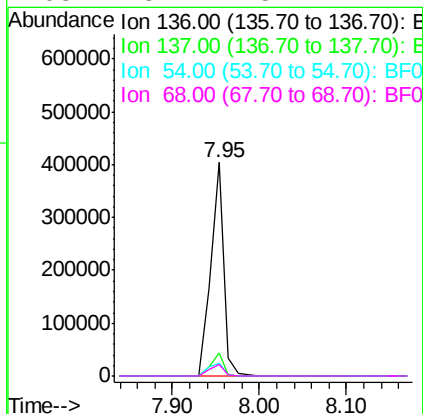
Instrument :
BNA_F
ClientSampleId :
PB91363BL

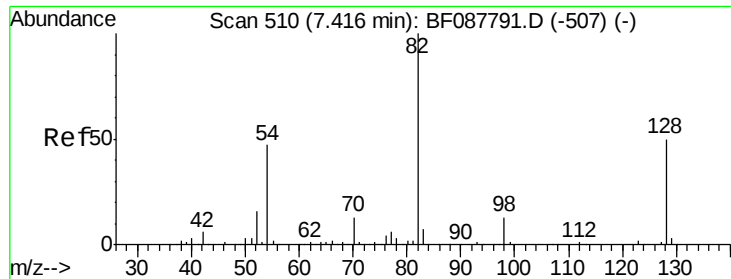
Tgt Ion: 70 Resp: 52454
Ion Ratio Lower Upper
70 100
42 41.4 49.6 74.4#
101 0.0 7.1 10.7#
130 2.5 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF088182.D
Acq: 20 Jun 2016 20:24

Tgt Ion: 136 Resp: 421376
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 5.8 6.6 10.0#
68 5.1 5.1 7.7

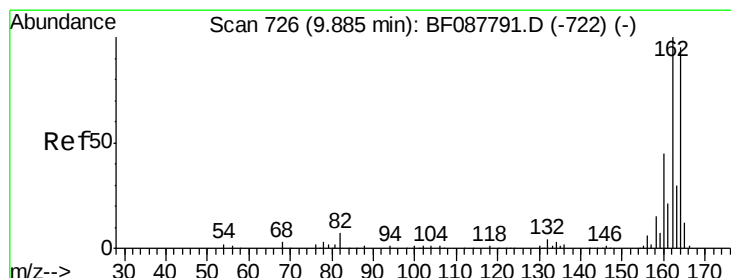
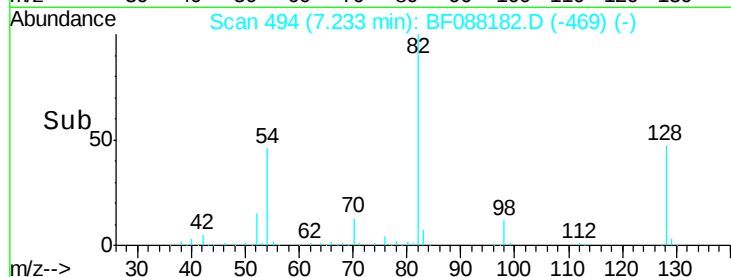
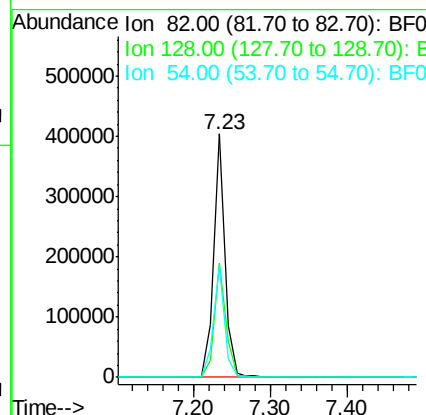
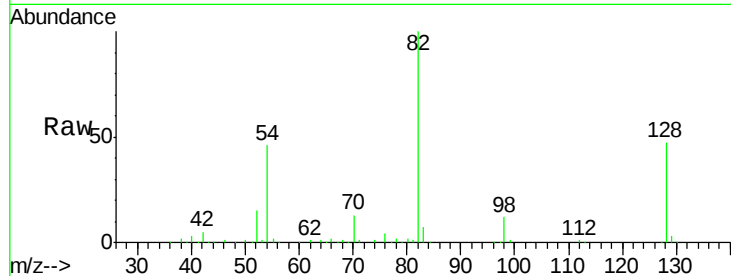




#23
 Nitrobenzene-d5
 Concen: 56.50 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: BF088182.D
 Acq: 20 Jun 2016 20:24

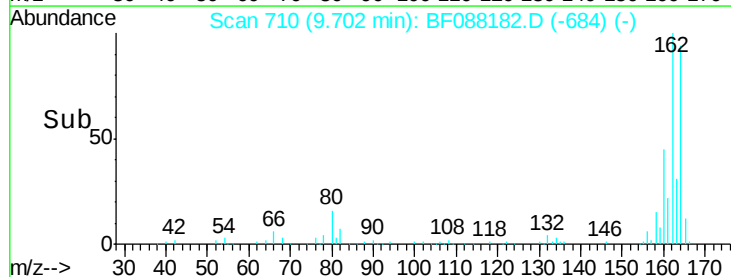
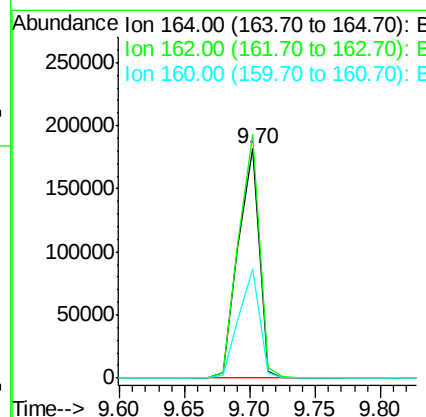
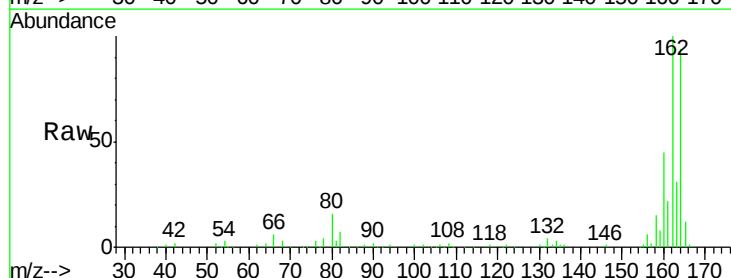
Instrument :
 BNA_F
 ClientSampled :
 PB91363BL

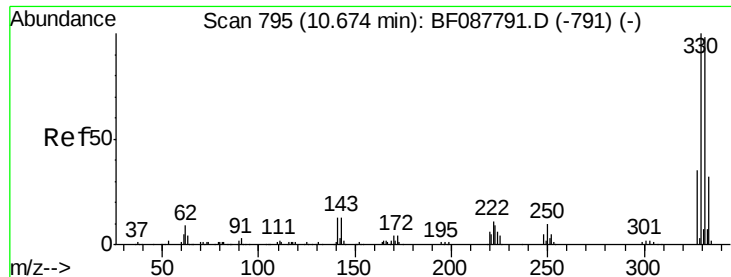
Tgt Ion: 82 Resp: 407720
 Ion Ratio Lower Upper
 82 100
 128 46.7 35.9 53.9
 54 46.1 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BF088182.D
 Acq: 20 Jun 2016 20:24

Tgt Ion: 164 Resp: 202334
 Ion Ratio Lower Upper
 164 100
 162 106.2 85.4 128.2
 160 47.7 39.5 59.3

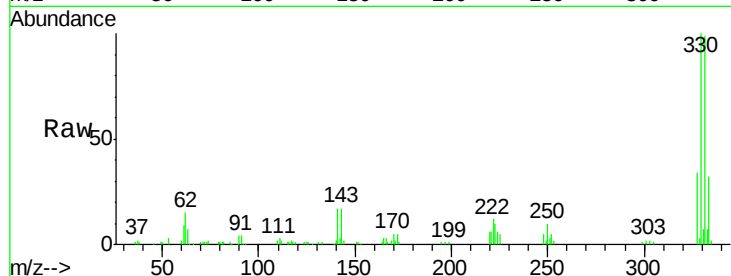




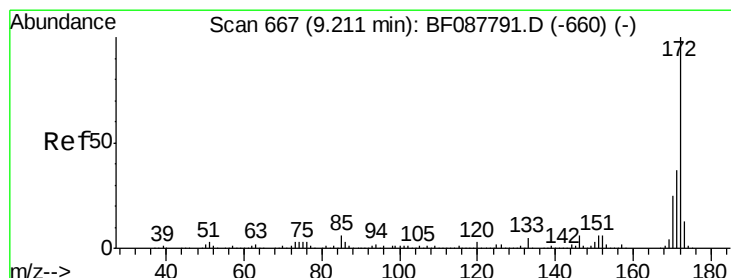
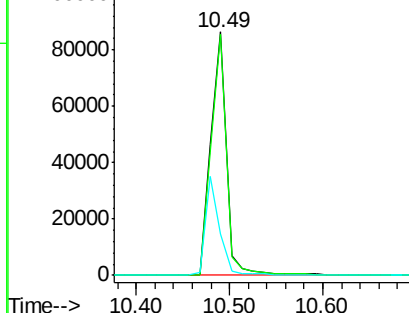
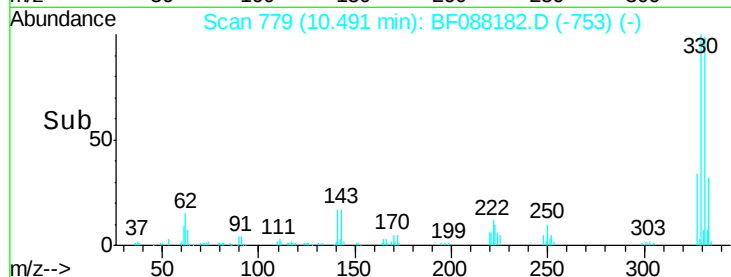
#41
 2,4,6-Tribromophenol
 Concen: 47.45 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF088182.D
 Acq: 20 Jun 2016 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB91363BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	36.7	0.0	0.0#

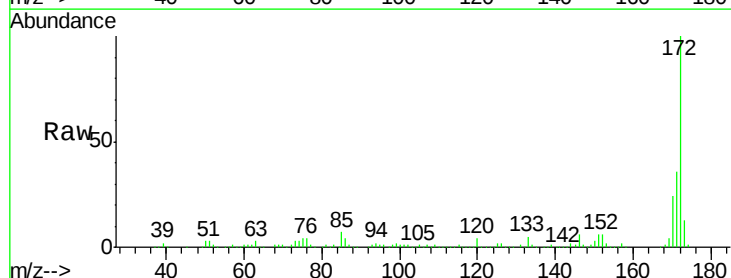


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

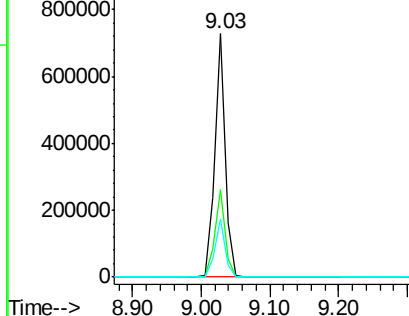
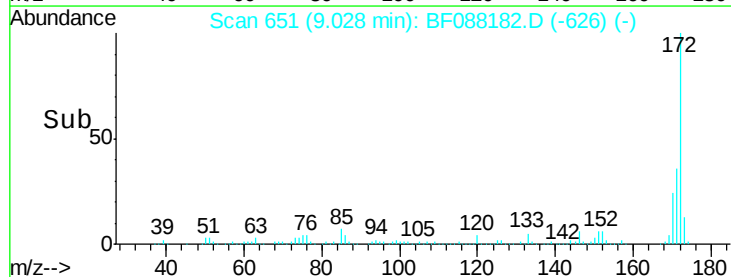


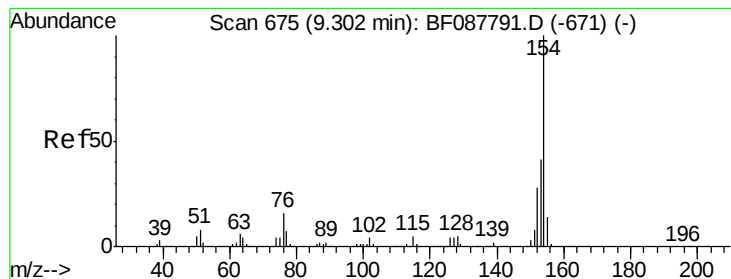
#44
 2-Fluorobiphenyl
 Concen: 59.49 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF088182.D
 Acq: 20 Jun 2016 20:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.9	19.2	28.8



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





#45

1,1'-Biphenyl

Concen: Below Cal

RT: 9.03 min Scan# 651

Delta R.T. -0.10 min

Lab File: BF088182.D

Acq: 20 Jun 2016 20:24

Instrument :

BNA_F

ClientSampleId :

PB91363BL

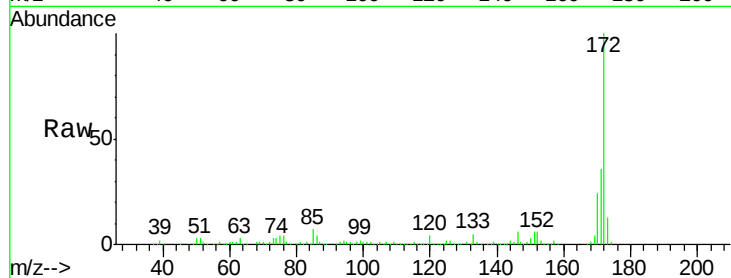
Tgt Ion:154 Resp: 1444

Ion Ratio Lower Upper

154 100

153 912.9 20.6 60.6#

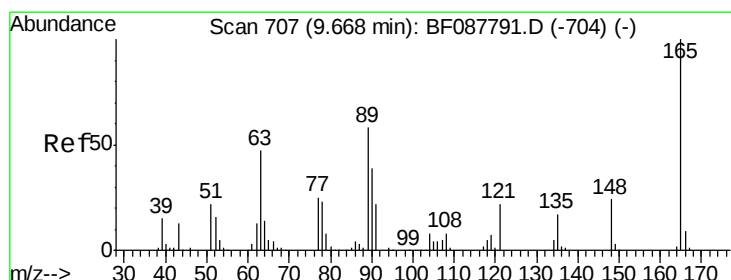
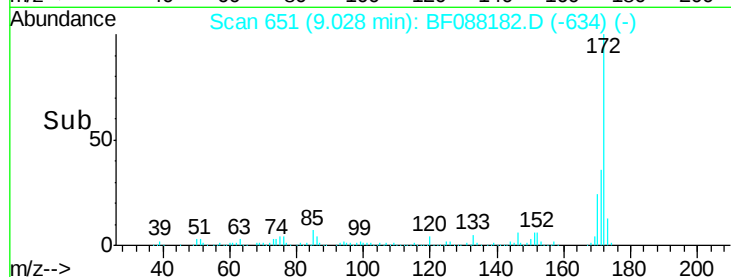
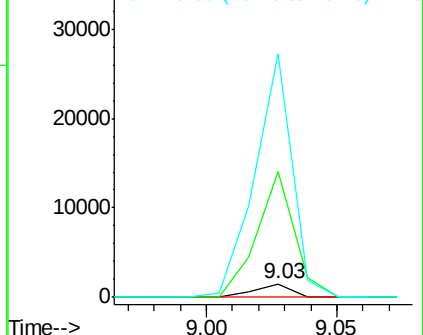
76 1760.9 0.0 35.1#



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



#50

2,6-Dinitrotoluene

Concen: 7.56 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.19 min

Lab File: BF088182.D

Acq: 20 Jun 2016 20:24

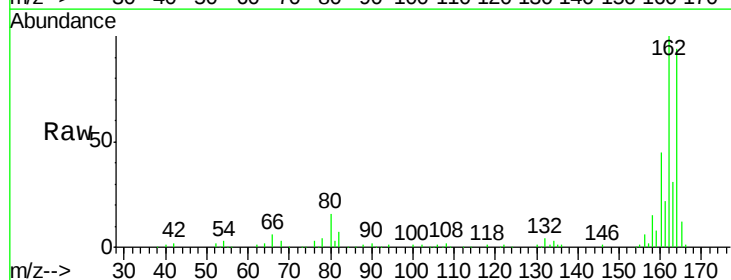
Tgt Ion:165 Resp: 25364

Ion Ratio Lower Upper

165 100

63 0.0 28.1 42.1#

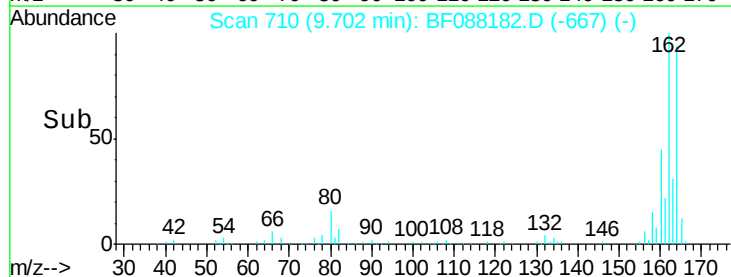
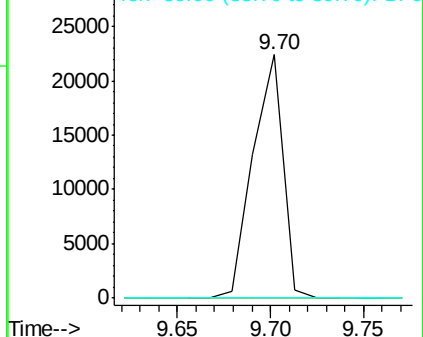
89 0.0 32.2 48.2#

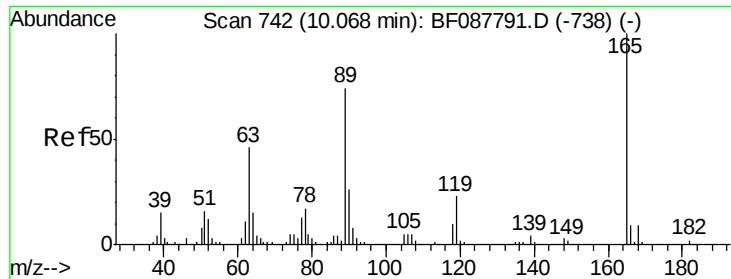


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

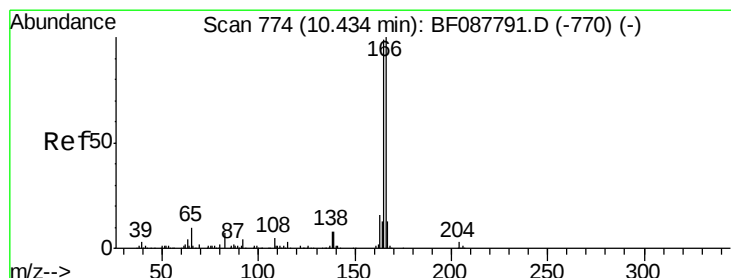
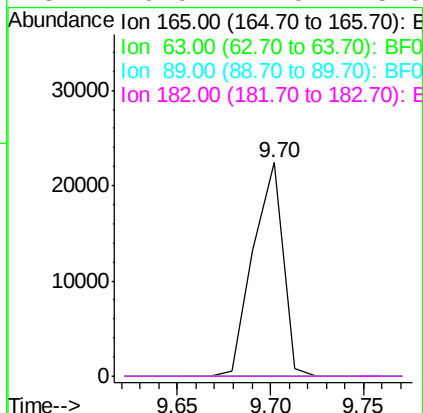
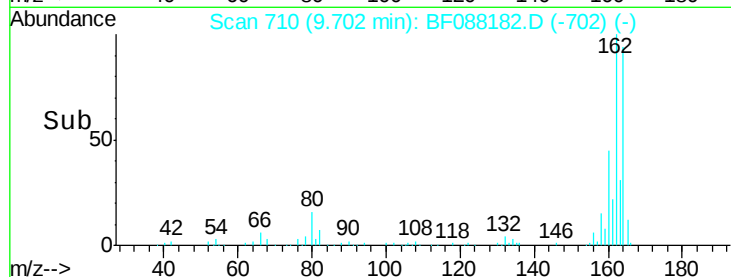
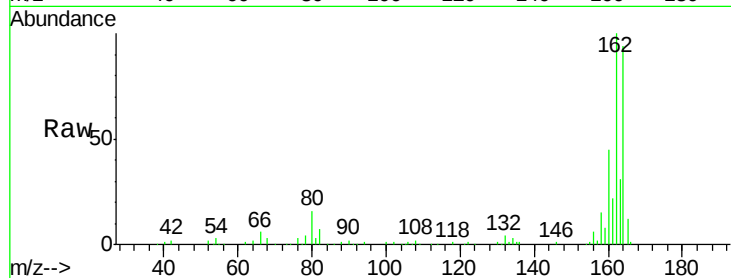




#56
2,4-Dinitrotoluene
Concen: 5.88 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.21 min
Lab File: BF088182.D
Acq: 20 Jun 2016 20:24

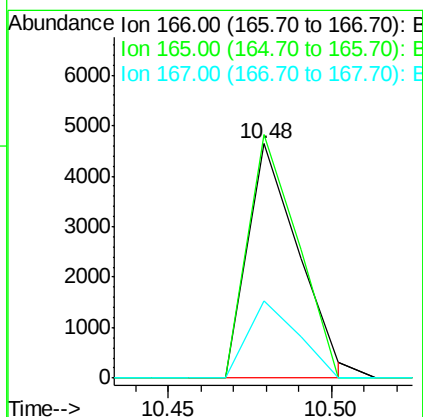
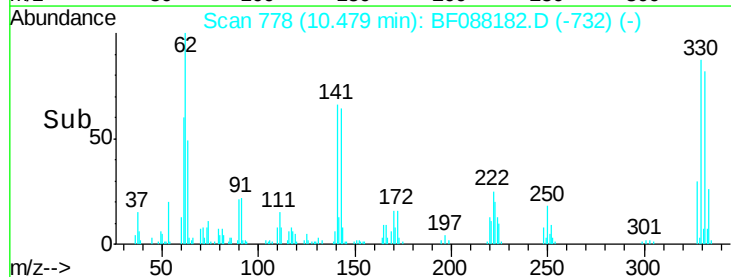
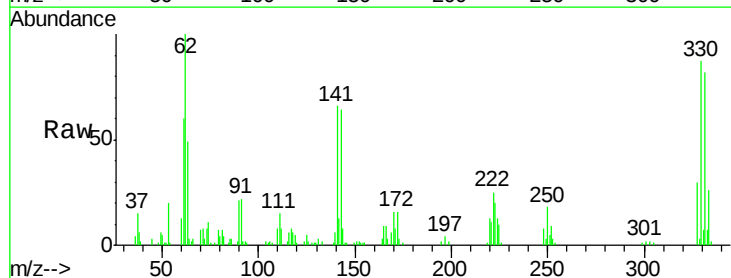
Instrument :
BNA_F
ClientSampleId :
PB91363BL

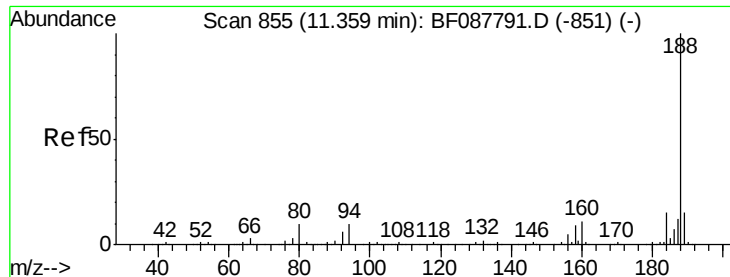
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#



#57
Fluorene
Concen: Below Cal
RT: 10.48 min Scan# 778
Delta R.T. 0.23 min
Lab File: BF088182.D
Acq: 20 Jun 2016 20:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.8	77.8	116.8
167	32.7	11.2	16.8#

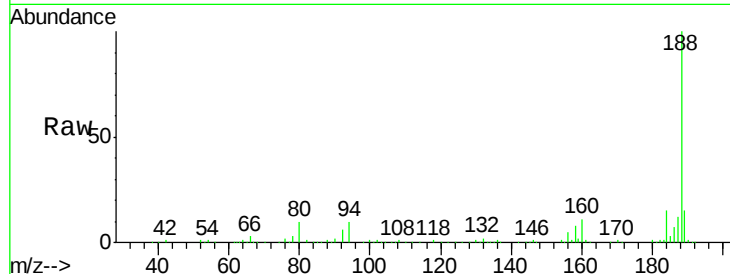




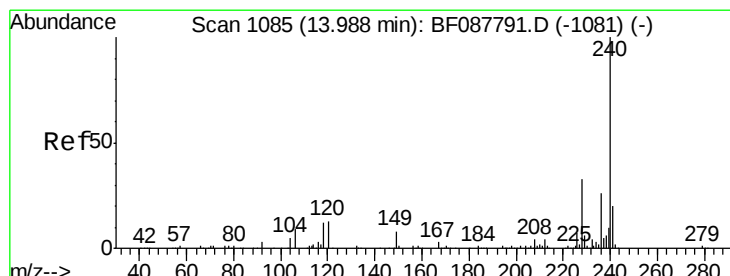
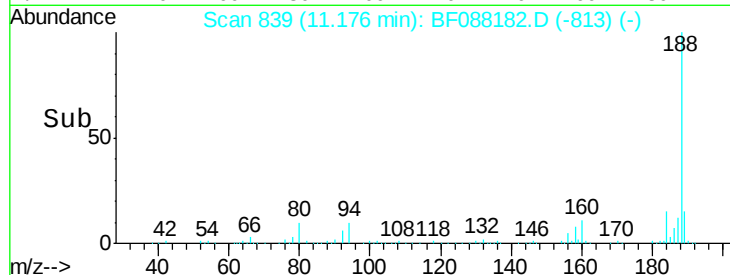
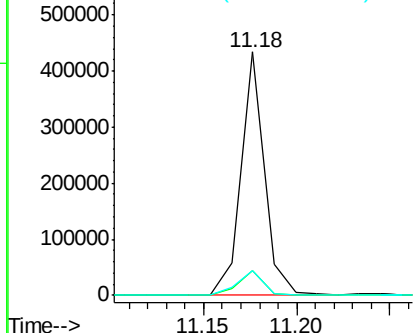
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF088182.D
Acq: 20 Jun 2016 20:24

Instrument :
BNA_F
ClientSampleId :
PB91363BL

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.0	13.6
80	10.1	10.0	15.0

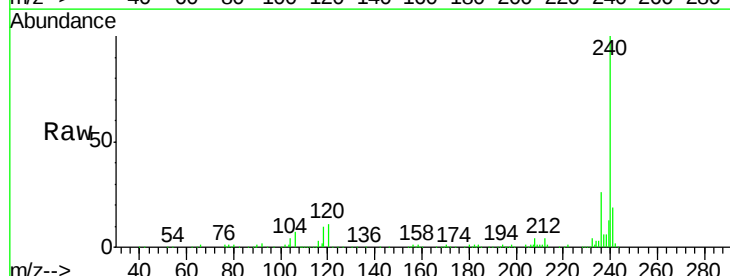


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

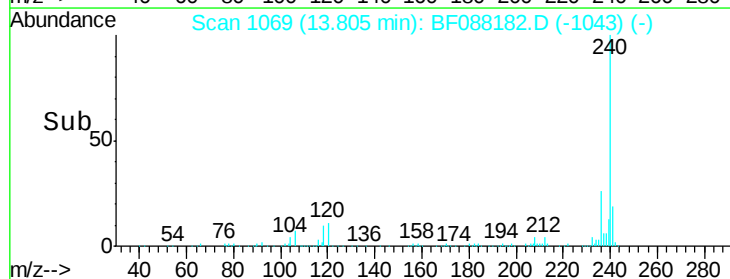
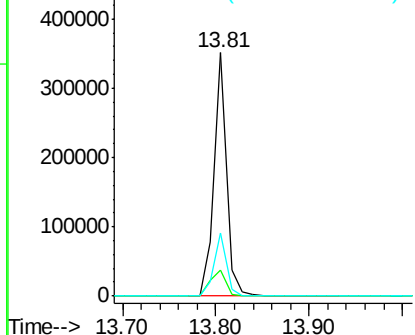


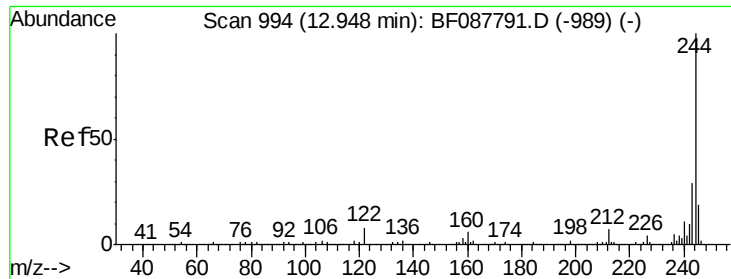
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF088182.D
Acq: 20 Jun 2016 20:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	6.8	10.2#
236	25.9	20.2	30.2



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

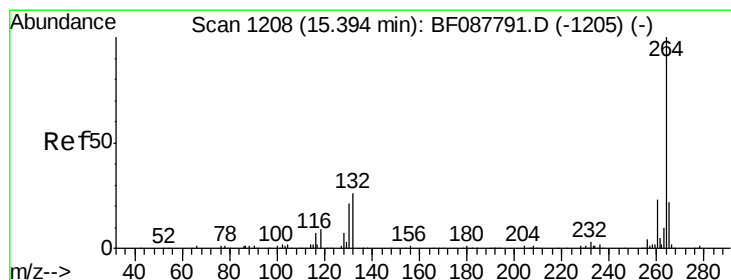
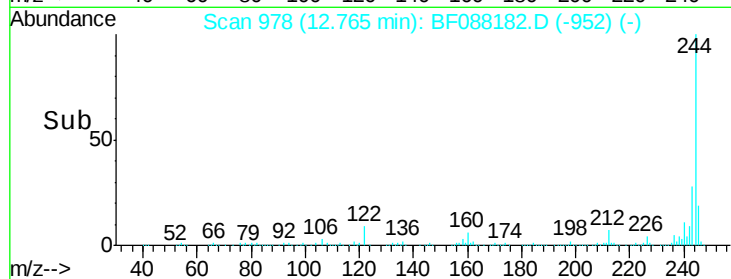
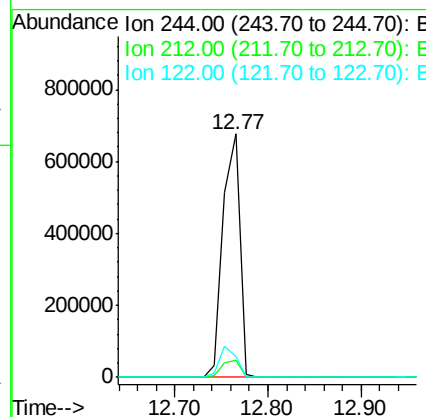
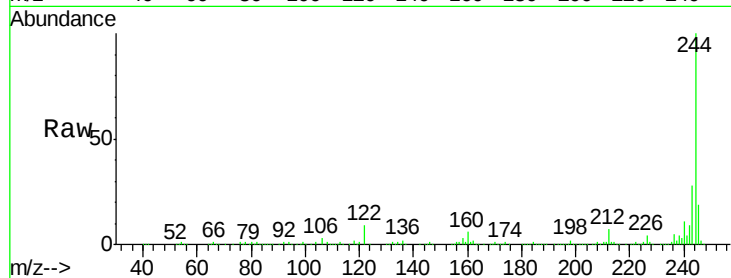




#78
 Terphenyl-d14
 Concen: 58.68 ng
 RT: 12.77 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF088182.D
 Acq: 20 Jun 2016 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB91363BL

Tgt Ion:244 Resp: 849520
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 8.6 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF088182.D
 Acq: 20 Jun 2016 20:24

Tgt Ion:264 Resp: 248126
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.5 16.9 25.3

