

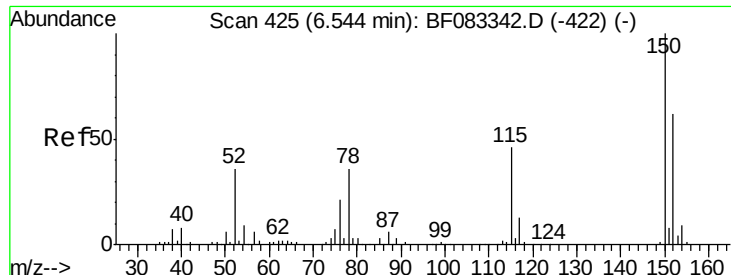
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120115\
 Data File : BF083383.D
 Acq On : 1 Dec 2015 20:27
 Operator : UM/IZ
 Sample : G4593-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S12-15

Quant Time: Dec 02 03:15:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	155225	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	618380	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	301144	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	542343	20.00	ng	0.00
75) Chrysene-d12	14.75	240	382486	20.00	ng	-0.01
86) Perylene-d12	16.81	264	316569	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1279629	123.70	ng	0.01
7) Phenol-d6	6.22	99	1914009	135.18	ng	0.00
23) Nitrobenzene-d5	7.12	82	1124843	79.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	325271	107.60	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1800713	85.21	ng	0.00
78) Terphenyl-d14	13.22	244	1518203	94.66	ng	0.00
Target Compounds						
9) Benzaldehyde	6.33	77	32907	2.94	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	7.12	70	147930	14.62	ng	# 84
49) Dimethylphthalate	9.32	163	450828	18.42	ng	98
56) 2,4-Dinitrotoluene	9.58	165	37316	5.63	ng	# 7
66) 4-Bromophenyl-phenylether	10.37	248	19167	3.23	ng	# 1
74) Fluoranthene	12.66	202	85670	2.58	ng	95
77) Pyrene	12.97	202	81696	3.06	ng	96
87) Benzo(b)fluoranthene	16.31	252	50847	2.50	ng	99
88) Benzo(k)fluoranthene	16.31	252	50847	2.65	ng	# 95

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

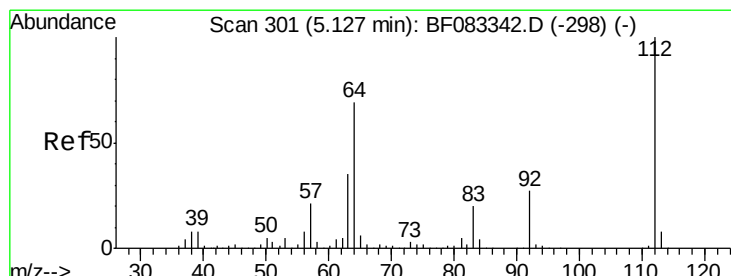
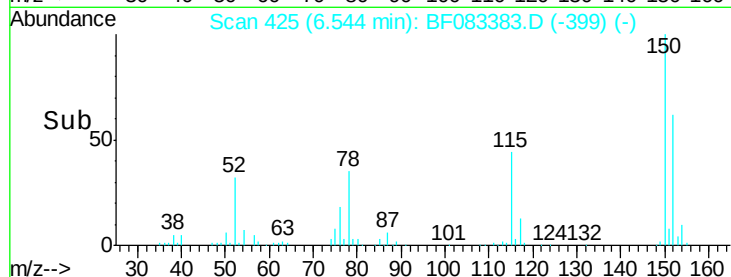
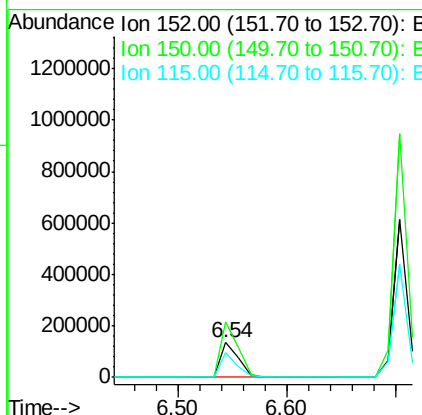
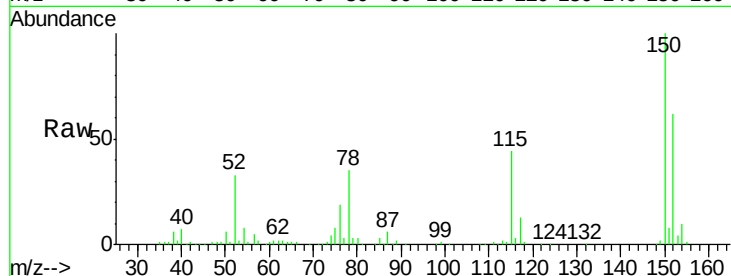


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF083383.D
Acq: 1 Dec 2015 20:27

Instrument :
BNA_F
ClientSampleId :
S12-15

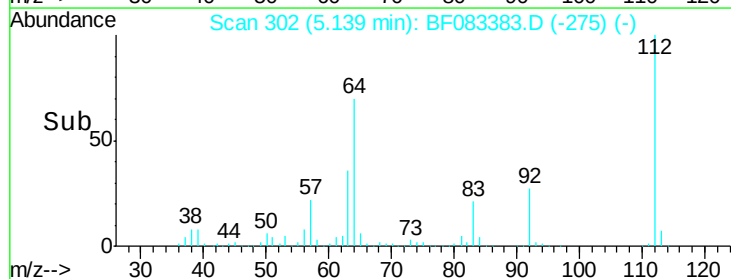
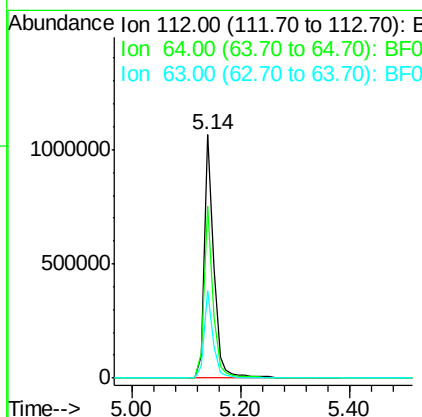
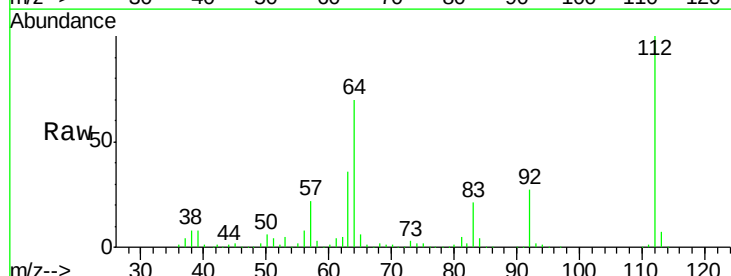
Tgt Ion:152 Resp: 155225
Ion Ratio Lower Upper
152 100
150 161.0 129.8 194.8
115 70.7 59.2 88.8

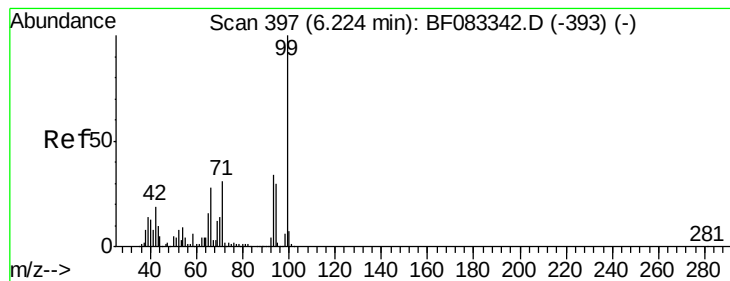


#5

2-Fluorophenol
Concen: 123.70 ng
RT: 5.14 min Scan# 302
Delta R.T. 0.01 min
Lab File: BF083383.D
Acq: 1 Dec 2015 20:27

Tgt Ion:112 Resp: 1279629
Ion Ratio Lower Upper
112 100
64 70.4 55.6 83.4
63 36.0 28.2 42.2





#7

Phenol-d6

Concen: 135.18 ng

RT: 6.22 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF083383.D

Acq: 1 Dec 2015 20:27

Instrument :

BNA_F

ClientSampleId :

S12-15

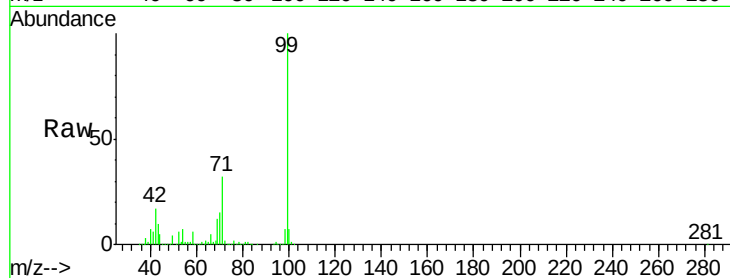
Tgt Ion: 99 Resp: 1914009

Ion Ratio Lower Upper

99 100

42 17.4 14.9 22.3

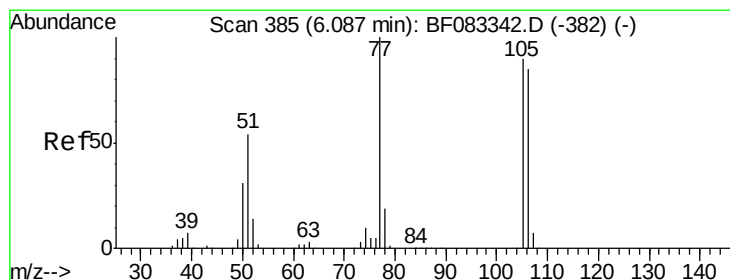
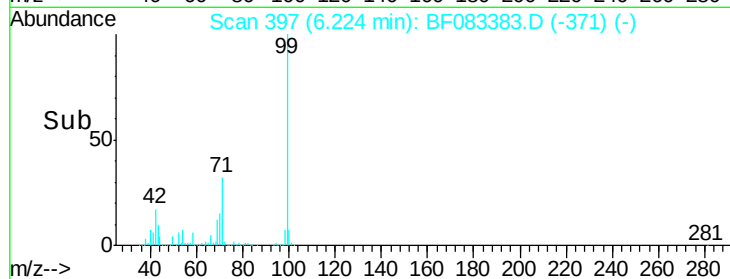
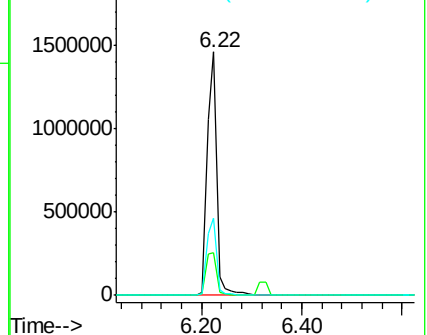
71 31.5 24.7 37.1



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



#9

Benzaldehyde

Concen: 2.94 ng

RT: 6.33 min Scan# 406

Delta R.T. 0.24 min

Lab File: BF083383.D

Acq: 1 Dec 2015 20:27

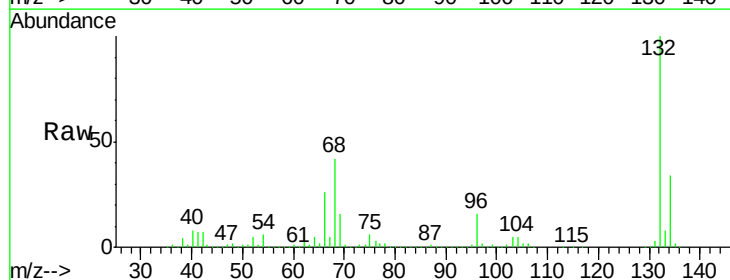
Tgt Ion: 77 Resp: 32907

Ion Ratio Lower Upper

77 100

105 75.2 70.0 110.0

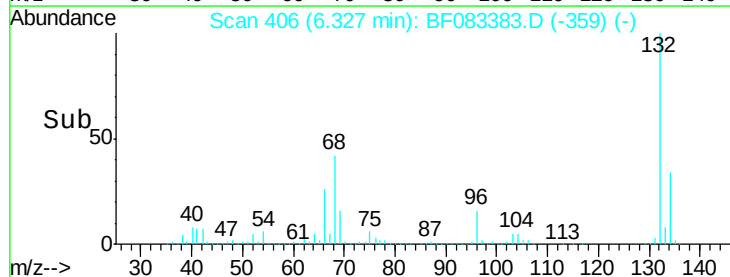
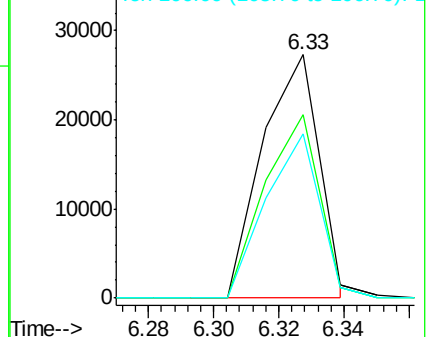
106 67.3 65.0 105.0

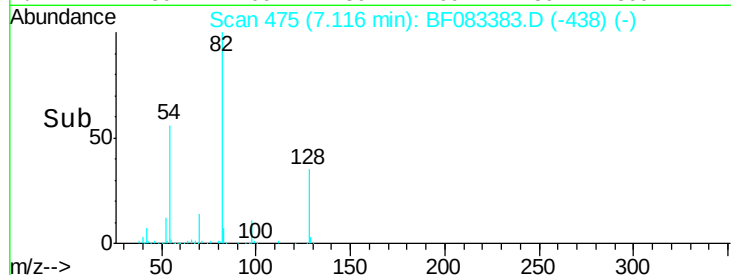
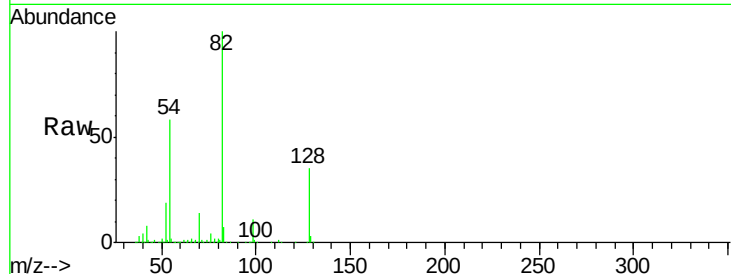
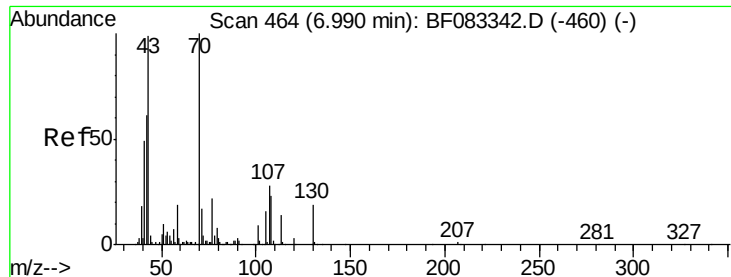


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

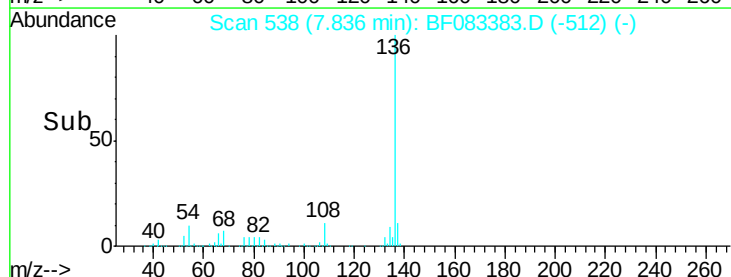
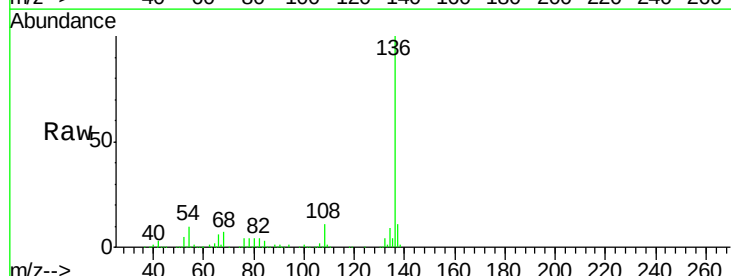
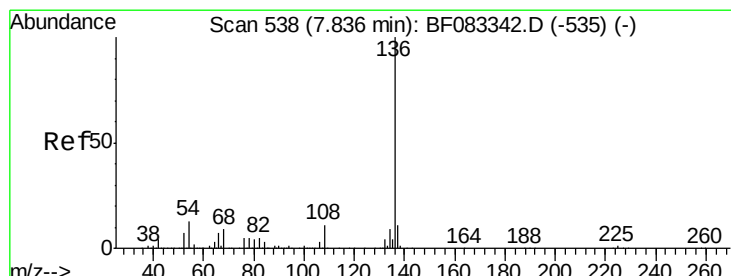
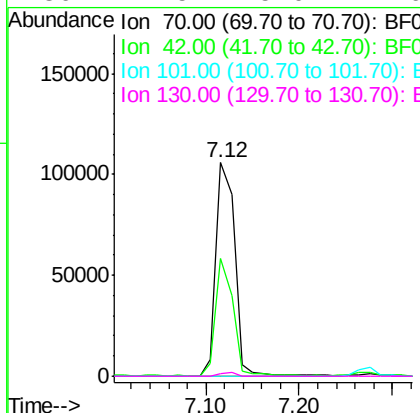




#19
n-Nitroso-di-n-propylamine
Concen: 14.62 ng
RT: 7.12 min Scan# 475
Delta R.T. 0.13 min
Lab File: BF083383.D
Acq: 1 Dec 2015 20:27

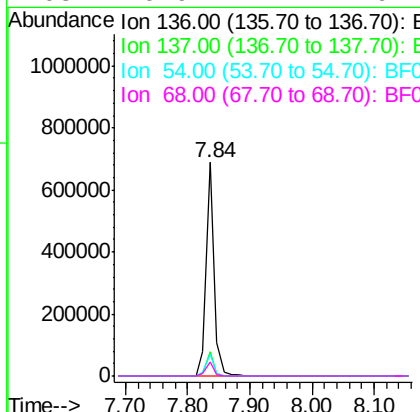
Instrument :
BNA_F
ClientSampleId :
S12-15

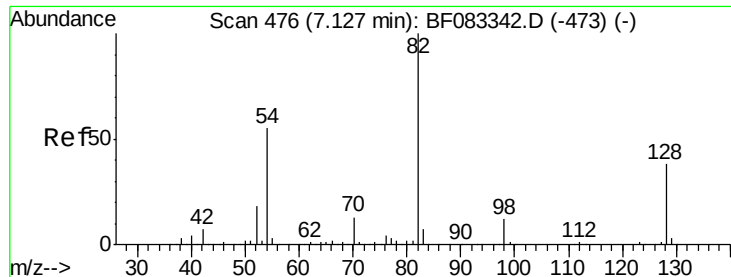
Tgt Ion: 70 Resp: 147930
Ion Ratio Lower Upper
70 100
42 55.0 48.8 73.2
101 0.0 7.1 10.7#
130 1.5 15.0 22.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF083383.D
Acq: 1 Dec 2015 20:27

Tgt Ion: 136 Resp: 618380
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 10.1 10.1 15.1
68 6.9 7.1 10.7#

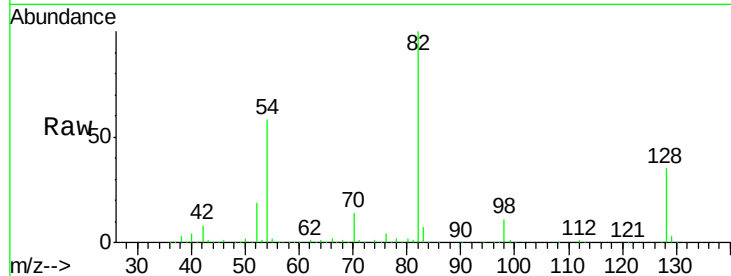




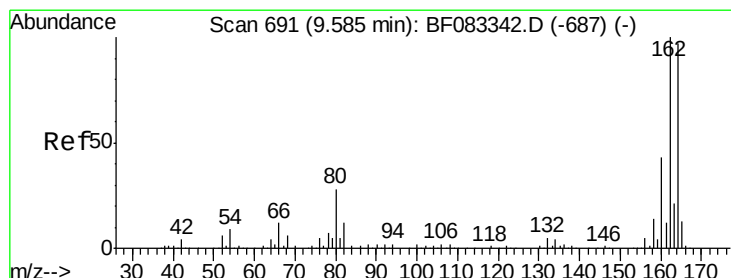
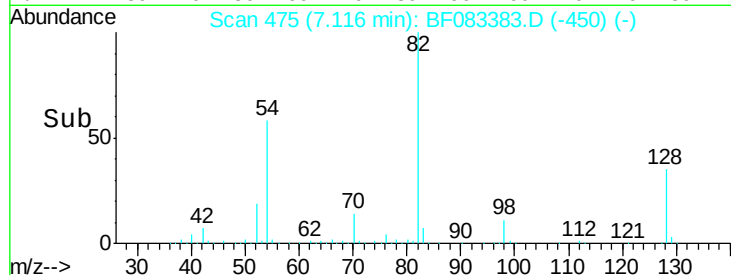
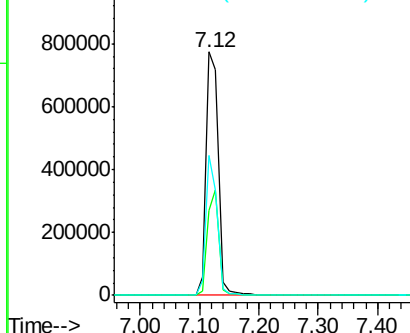
#23
 Nitrobenzene-d5
 Concen: 79.96 ng
 RT: 7.12 min Scan# 475
 Delta R.T. -0.01 min
 Lab File: BF083383.D
 Acq: 1 Dec 2015 20:27

Instrument :
 BNA_F
 ClientSampleId :
 S12-15

Tgt Ion: 82 Resp: 1124843
 Ion Ratio Lower Upper
 82 100
 128 34.8 30.6 46.0
 54 57.5 43.8 65.6

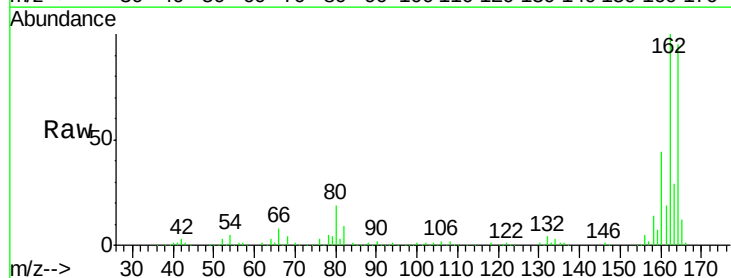


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

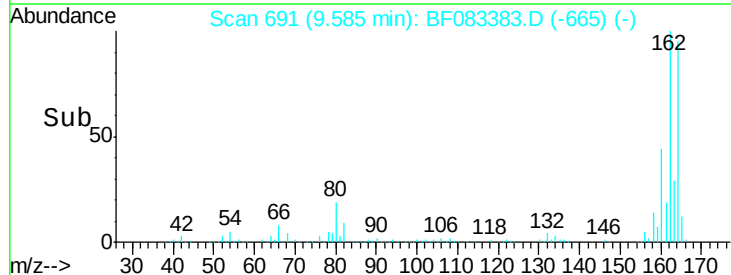
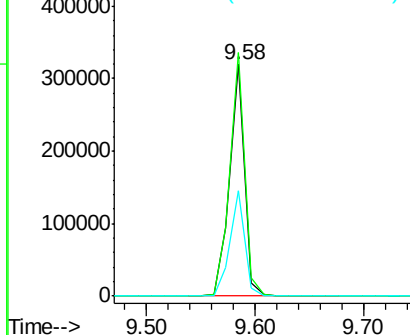


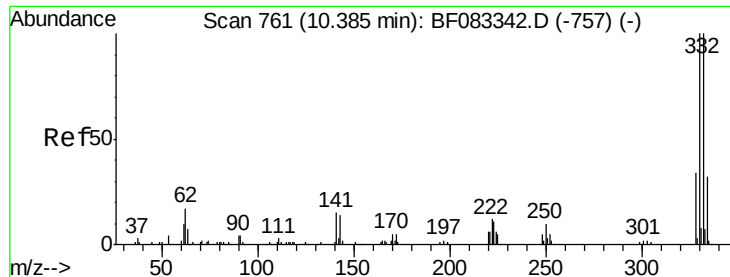
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF083383.D
 Acq: 1 Dec 2015 20:27

Tgt Ion: 164 Resp: 301144
 Ion Ratio Lower Upper
 164 100
 162 105.1 82.6 123.8
 160 45.7 35.3 52.9



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

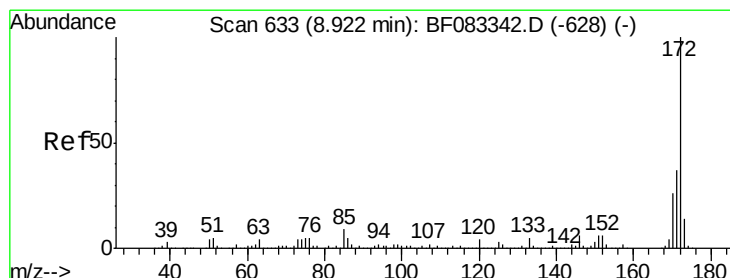
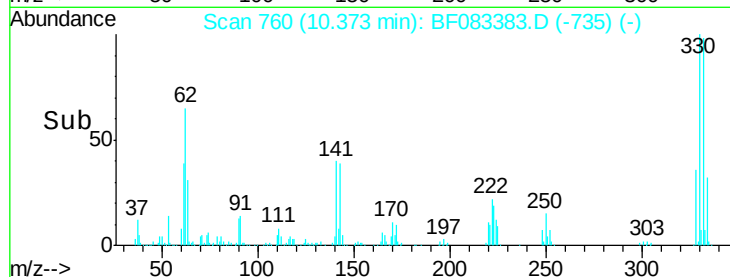
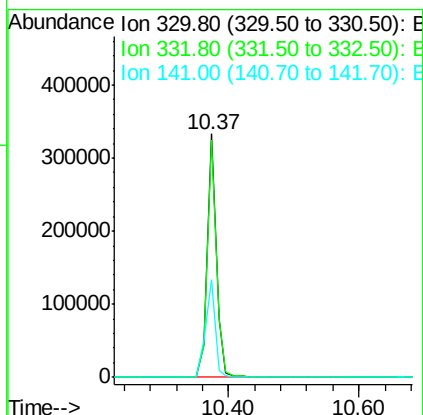
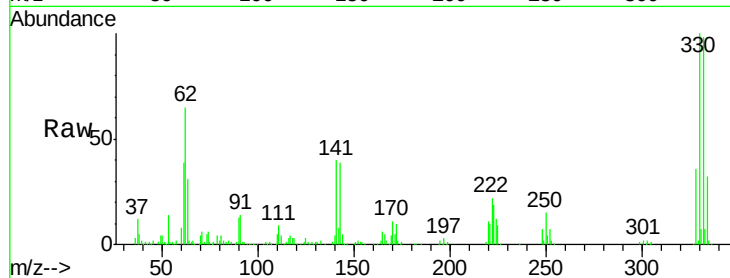




#41
 2,4,6-Tribromophenol
 Concen: 107.60 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083383.D
 Acq: 1 Dec 2015 20:27

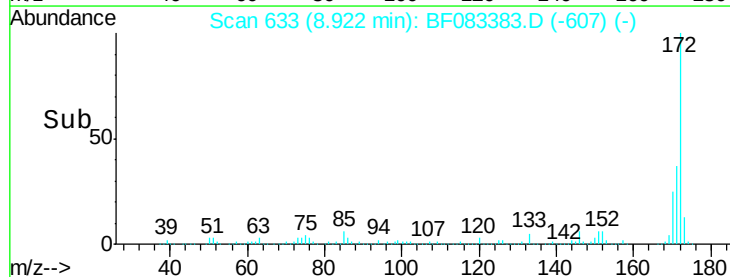
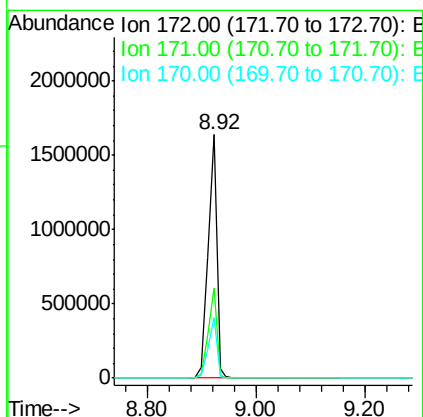
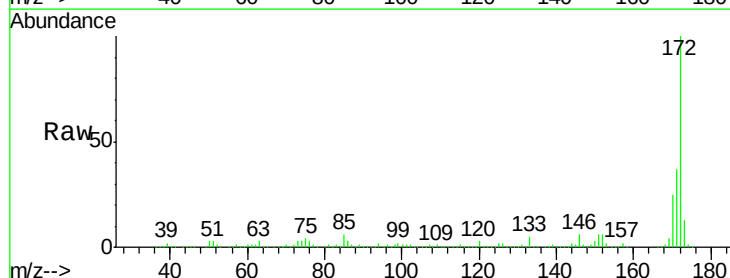
Instrument :
 BNA_F
 ClientSampleId :
 S12-15

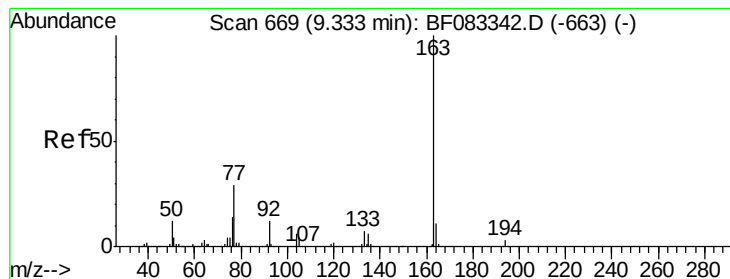
Tgt Ion:330 Resp: 325271
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.8 116.6
 141 42.1 29.4 44.0



#44
 2-Fluorobiphenyl
 Concen: 85.21 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083383.D
 Acq: 1 Dec 2015 20:27

Tgt Ion:172 Resp: 1800713
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 25.0 20.4 30.6





#49

Dimethylphthalate

Concen: 18.42 ng

RT: 9.32 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF083383.D

Acq: 1 Dec 2015 20:27

Instrument :

BNA_F

ClientSampleId :

S12-15

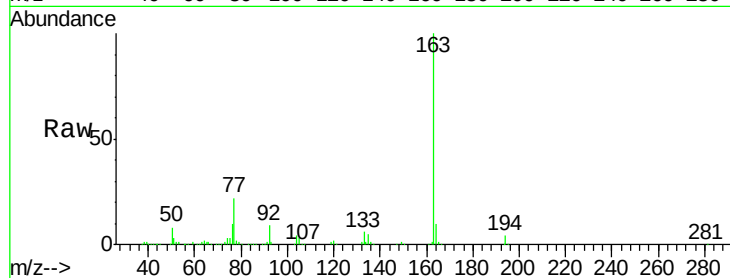
Tgt Ion:163 Resp: 450828

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

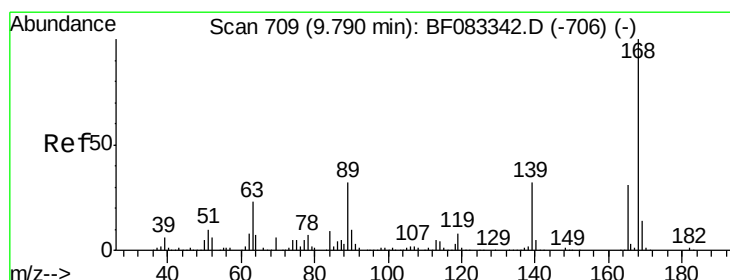
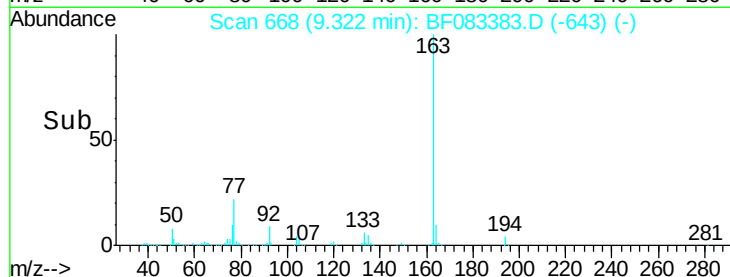
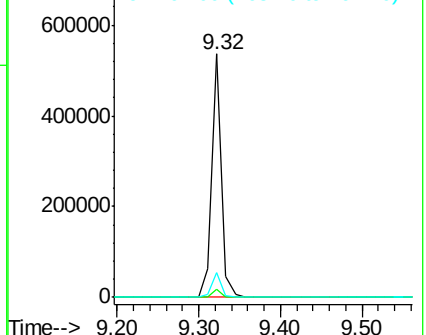
164 10.2 8.8 13.2



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: 5.63 ng

RT: 9.58 min Scan# 691

Delta R.T. -0.21 min

Lab File: BF083383.D

Acq: 1 Dec 2015 20:27

Tgt Ion:165 Resp: 37316

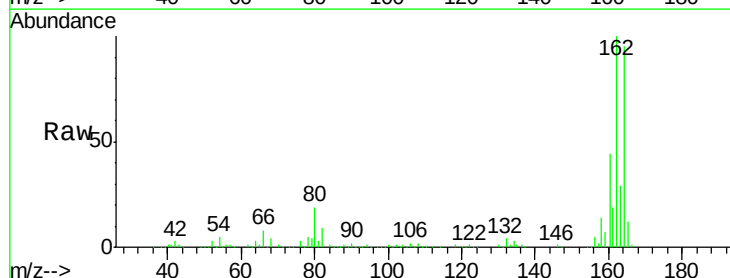
Ion Ratio Lower Upper

165 100

63 2.0 65.4 98.0#

89 1.9 81.2 121.8#

182 0.0 1.8 2.8#

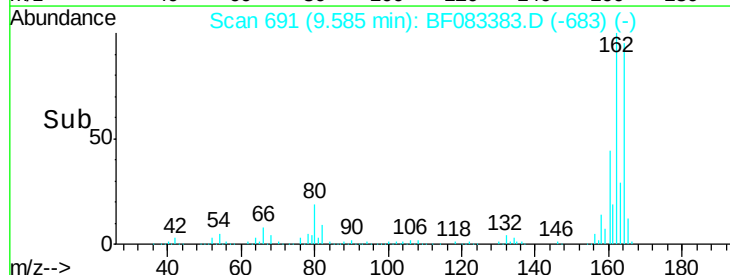
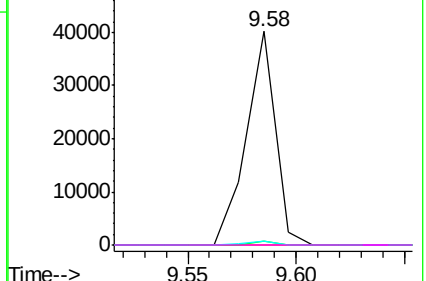


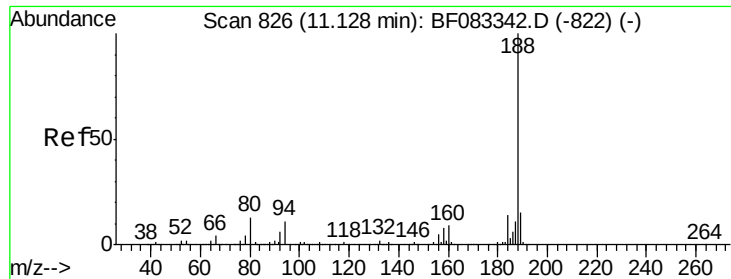
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

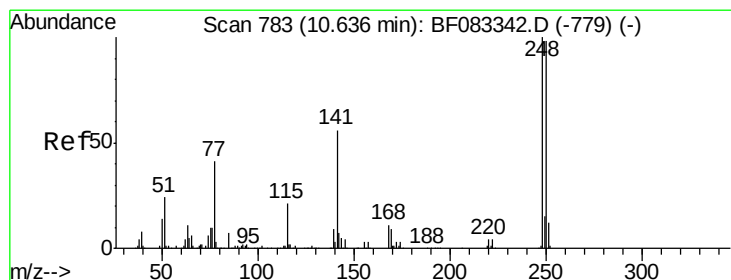
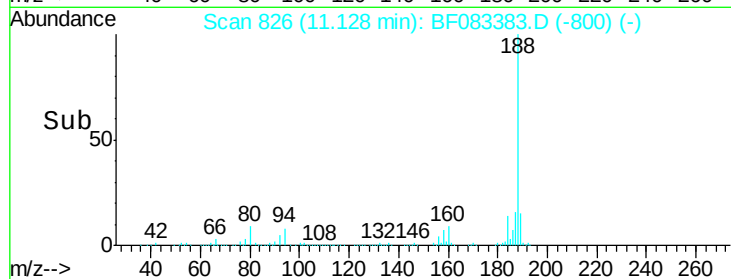
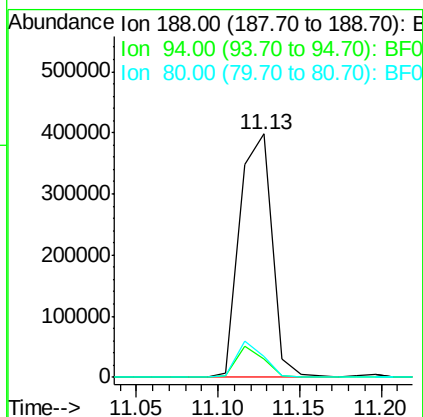
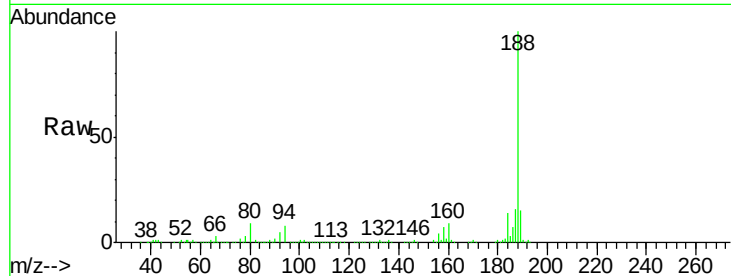




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF083383.D
Acq: 1 Dec 2015 20:27

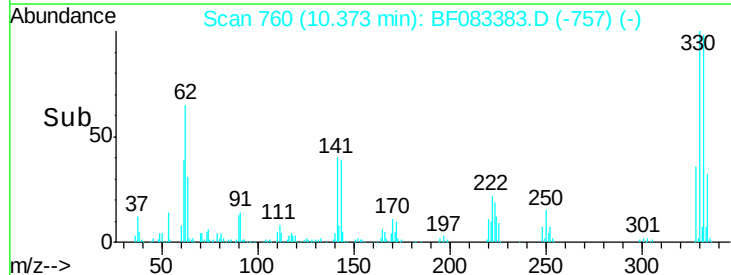
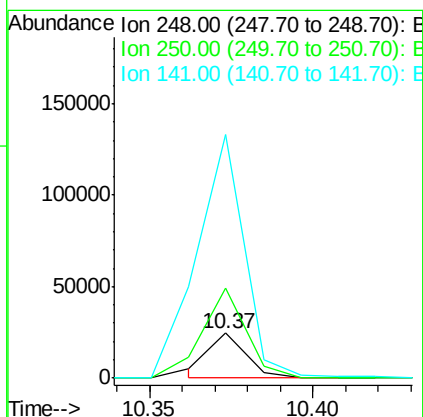
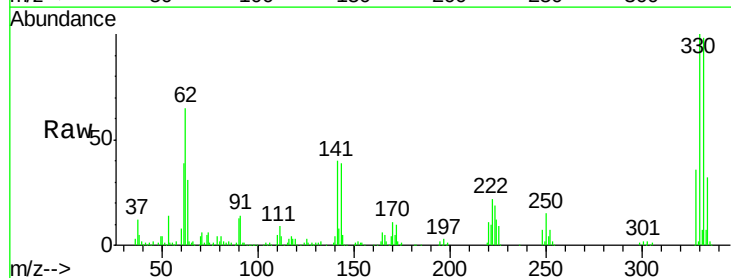
Instrument :
BNA_F
ClientSampleId :
S12-15

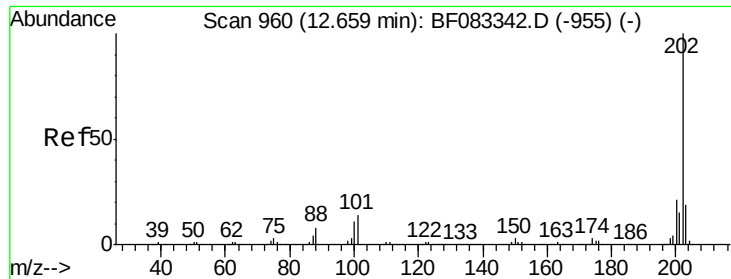
Tgt Ion:188 Resp: 542343
Ion Ratio Lower Upper
188 100
94 7.5 8.7 13.1#
80 8.8 10.3 15.5#



#66
4-Bromophenyl-phenylether
Concen: 3.23 ng
RT: 10.37 min Scan# 760
Delta R.T. -0.26 min
Lab File: BF083383.D
Acq: 1 Dec 2015 20:27

Tgt Ion:248 Resp: 19167
Ion Ratio Lower Upper
248 100
250 199.1 78.6 118.0#
141 539.2 44.4 66.6#

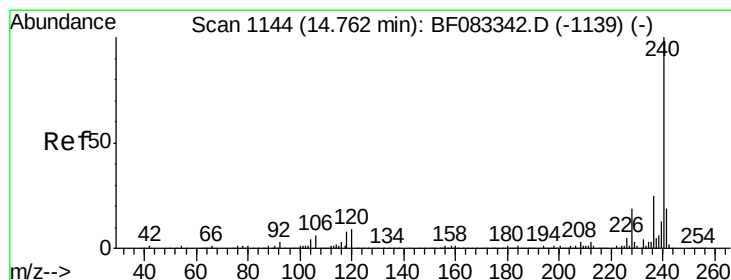
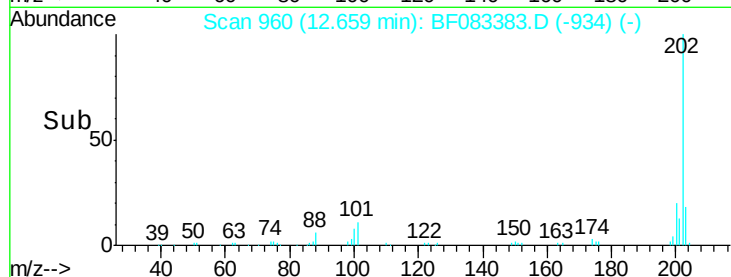
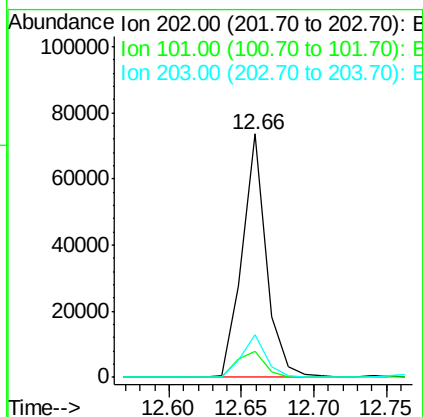
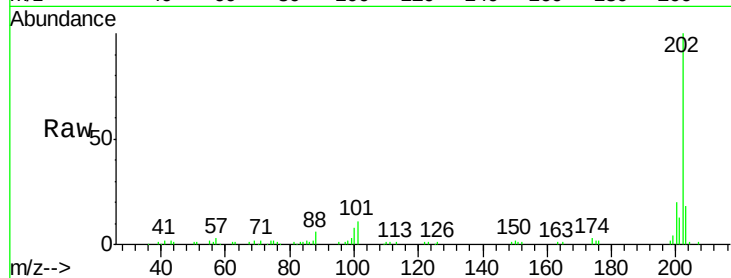




#74
 Fluoranthene
 Concen: 2.58 ng
 RT: 12.66 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF083383.D
 Acq: 1 Dec 2015 20:27

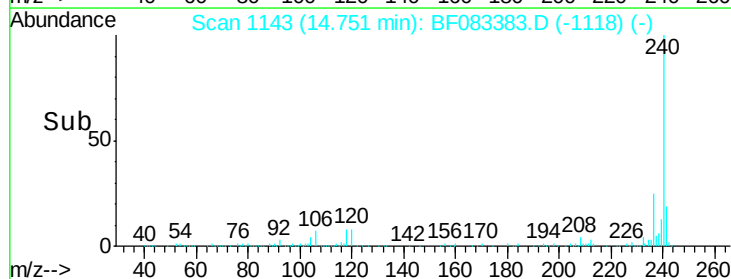
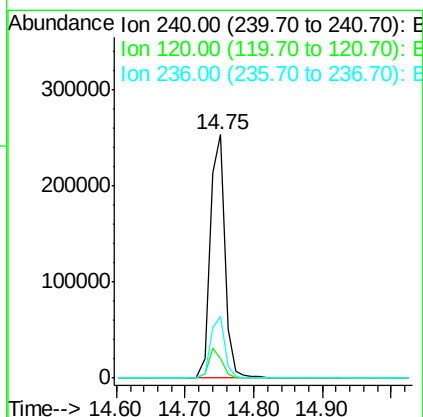
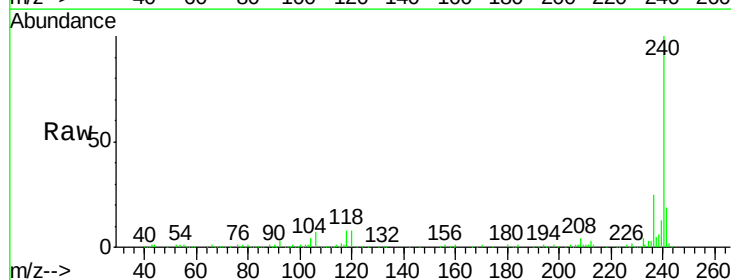
Instrument :
 BNA_F
 ClientSampleId :
 S12-15

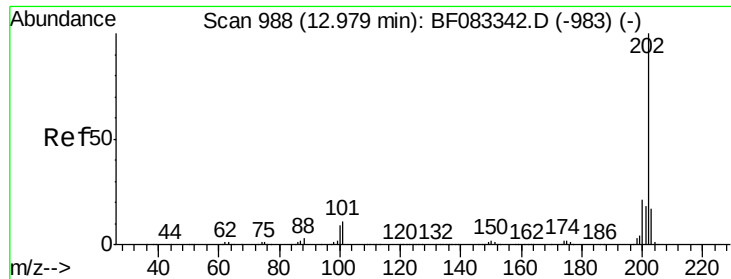
Tgt Ion: 202 Resp: 85670
 Ion Ratio Lower Upper
 202 100
 101 10.8 0.0 34.5
 203 17.5 0.0 38.7



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF083383.D
 Acq: 1 Dec 2015 20:27

Tgt Ion: 240 Resp: 382486
 Ion Ratio Lower Upper
 240 100
 120 8.1 6.9 10.3
 236 25.3 19.8 29.6

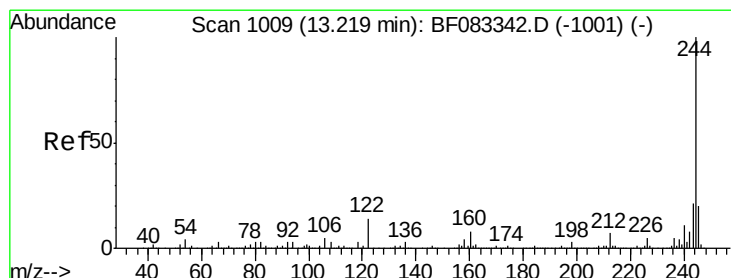
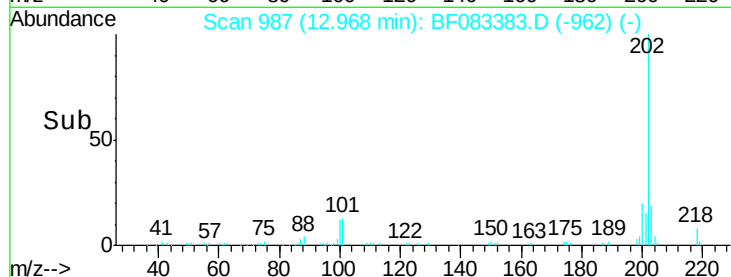
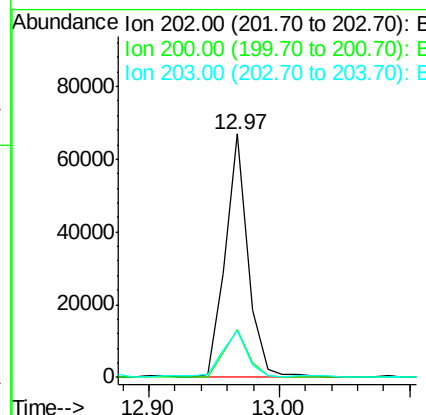
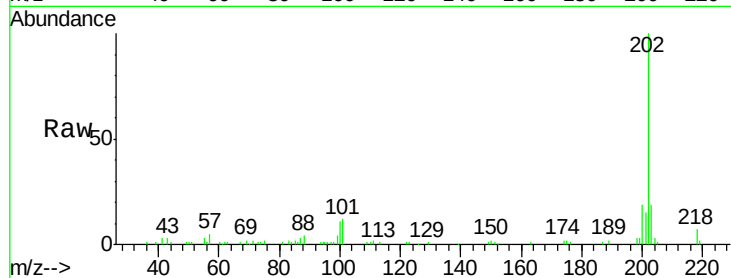




#77
 Pyrene
 Concen: 3.06 ng
 RT: 12.97 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF083383.D
 Acq: 1 Dec 2015 20:27

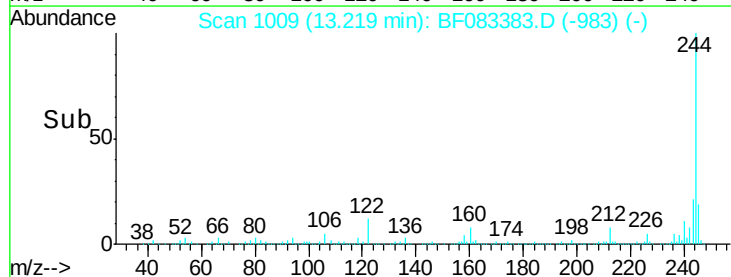
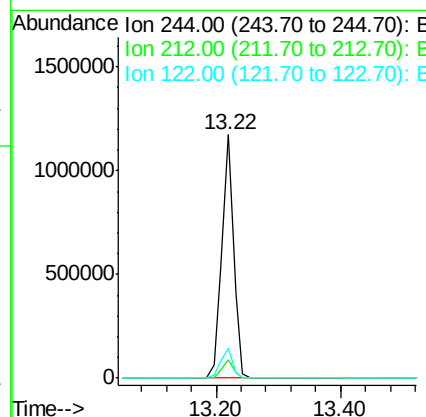
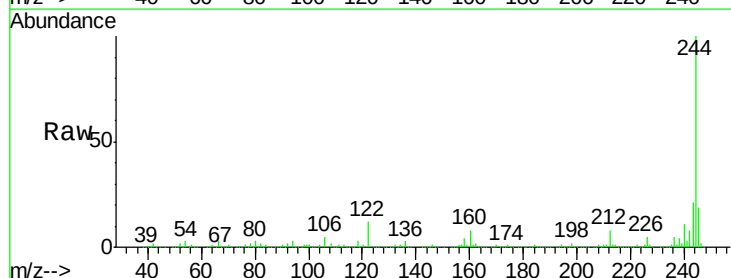
Instrument :
 BNA_F
 ClientSampleId :
 S12-15

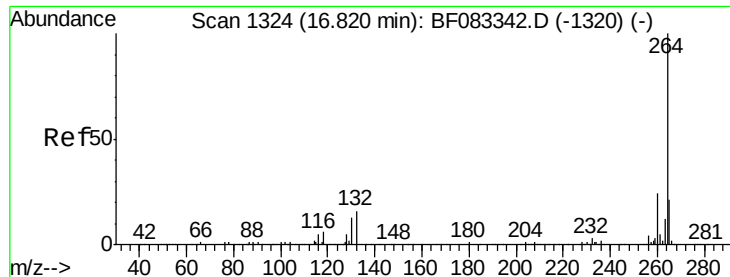
Tgt Ion:202 Resp: 81696
 Ion Ratio Lower Upper
 202 100
 200 19.5 16.9 25.3
 203 19.3 13.9 20.9



#78
 Terphenyl-d14
 Concen: 94.66 ng
 RT: 13.22 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF083383.D
 Acq: 1 Dec 2015 20:27

Tgt Ion:244 Resp: 1518203
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.8
 122 12.2 11.0 16.4



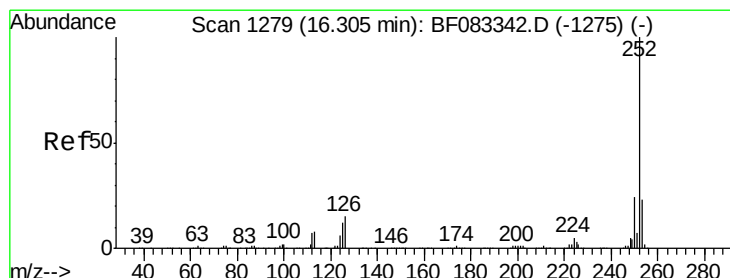
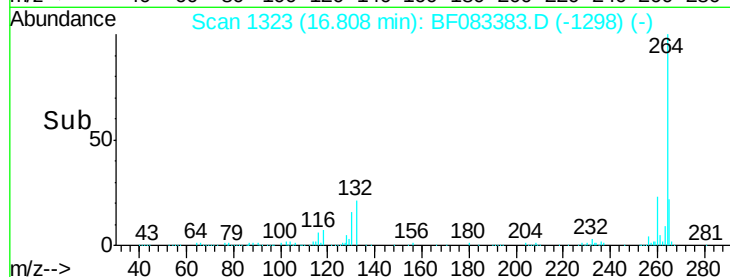
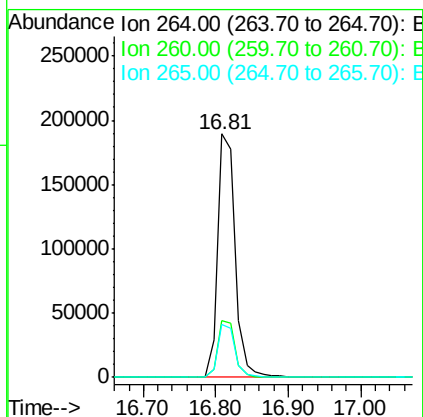
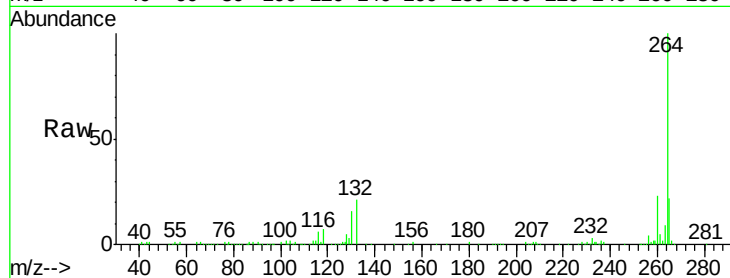


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.81 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF083383.D
Acq: 1 Dec 2015 20:27

Instrument :
BNA_F
ClientSampleId :
S12-15

Tgt Ion: 264 Resp: 316569

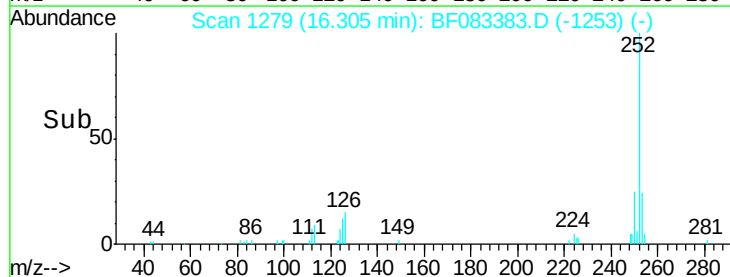
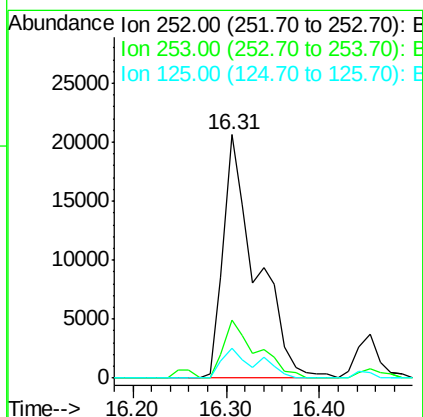
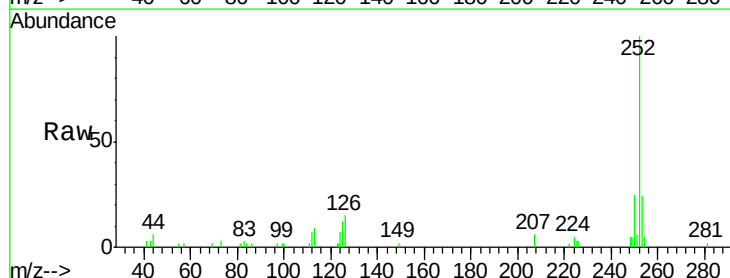
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.4
265	21.8	16.8	25.2

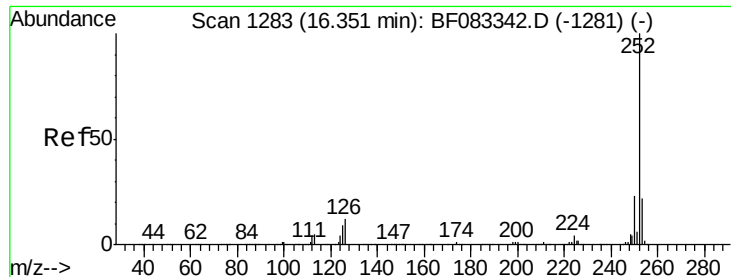


#87
Benzo(b)fluoranthene
Concen: 2.50 ng
RT: 16.31 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF083383.D
Acq: 1 Dec 2015 20:27

Tgt Ion: 252 Resp: 50847

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.4	27.6
125	12.2	9.6	14.4





#88

Benzo(k)fluoranthene

Concen: 2.65 ng

RT: 16.31 min Scan# 1279

Delta R.T. -0.05 min

Lab File: BF083383.D

Acq: 1 Dec 2015 20:27

Instrument :

BNA_F

ClientSampleId :

S12-15

Tgt Ion:252 Resp: 50847

Ion Ratio Lower Upper

252 100

253 23.6 17.4 26.0

125 12.2 7.5 11.3#

