

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120115\
 Data File : BF083386.D
 Acq On : 1 Dec 2015 21:58
 Operator : UM/IZ
 Sample : G4593-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S14-15

Quant Time: Dec 02 03:17:00 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	160946	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	613550	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	299448	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	540023	20.00	ng	0.00
75) Chrysene-d12	14.75	240	426903	20.00	ng	-0.01
86) Perylene-d12	16.81	264	324636	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.14	112	1382935	128.94	ng	0.01
7) Phenol-d6	6.22	99	2134958	145.43	ng	0.00
23) Nitrobenzene-d5	7.13	82	1326962	95.07	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	377731	125.66	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	2053640	97.73	ng	0.00
78) Terphenyl-d14	13.22	244	1793512	100.19	ng	0.00

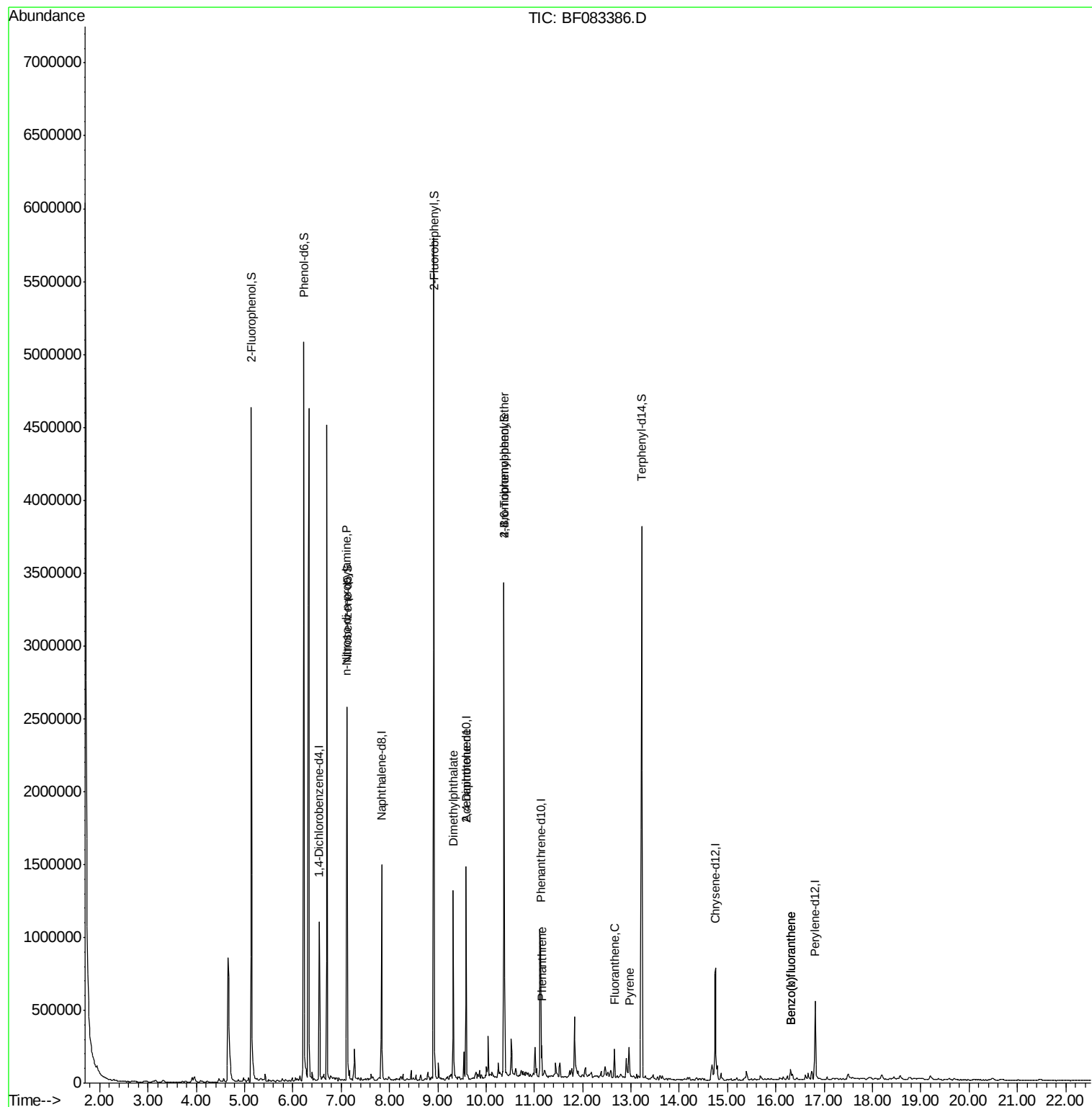
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.12	77	3768	Below Cal		94
19) n-Nitroso-di-n-propylamine	7.12	70	178955	17.05 ng	#	83
49) Dimethylphthalate	9.32	163	500430	20.56 ng		98
56) 2,4-Dinitrotoluene	9.58	165	37630	5.71 ng	#	6
66) 4-Bromophenyl-phenylether	10.37	248	22935	3.88 ng	#	1
70) Phenanthrene	11.15	178	92227	2.89 ng		97
74) Fluoranthene	12.66	202	121081	3.66 ng		93
77) Pyrene	12.97	202	108205	3.63 ng		97
87) Benzo(b)fluoranthene	16.31	252	61450	2.95 ng		98
88) Benzo(k)fluoranthene	16.31	252	61450	3.12 ng	#	94

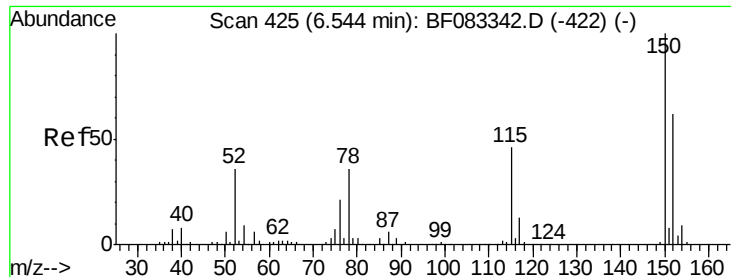
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120115\
Data File : BF083386.D
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ALS Vial : 11 Sample Multiplier: 1

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BNA_F
ClientSampleId :
S14-15

Quant Time: Dec 02 03:17:00 2015
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QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF083386.D

Acq: 1 Dec 2015 21:58

Instrument :

BNA_F

ClientSampled :

S14-15

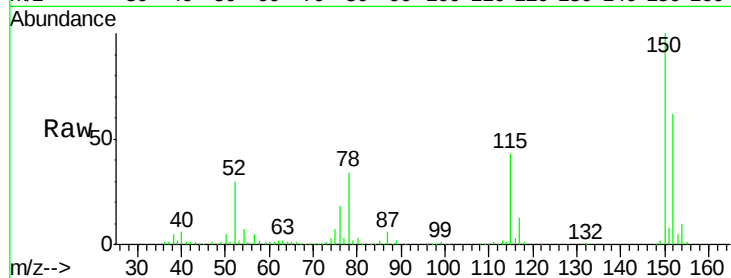
Tgt Ion:152 Resp: 160946

Ion Ratio Lower Upper

152 100

150 161.7 129.8 194.8

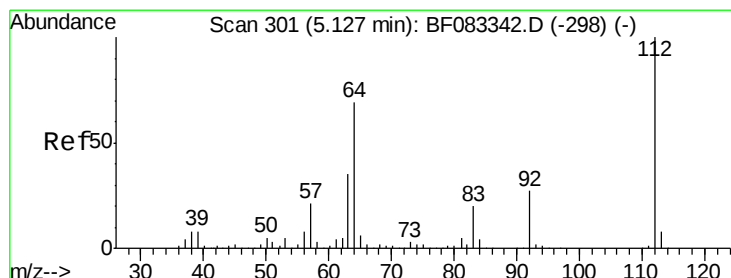
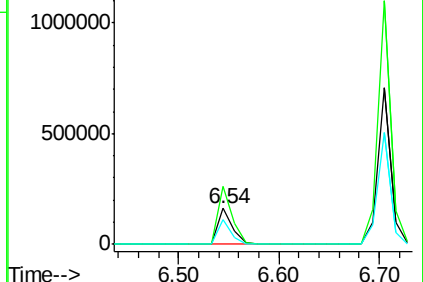
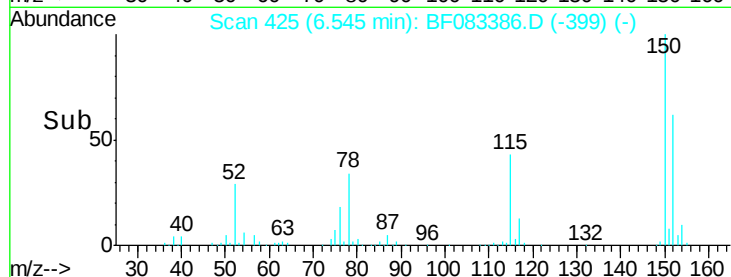
115 68.8 59.2 88.8



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: 128.94 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083386.D

Acq: 1 Dec 2015 21:58

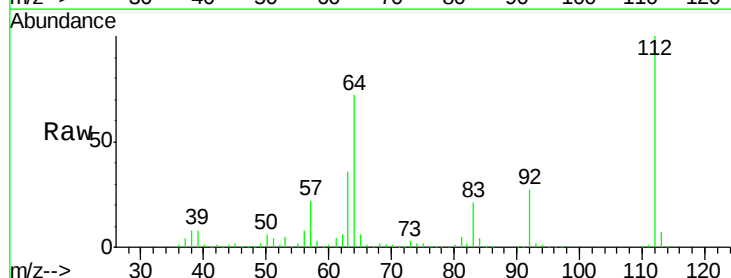
Tgt Ion:112 Resp: 1382935

Ion Ratio Lower Upper

112 100

64 72.2 55.6 83.4

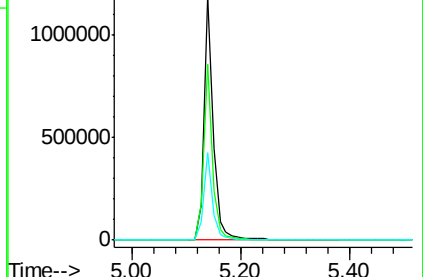
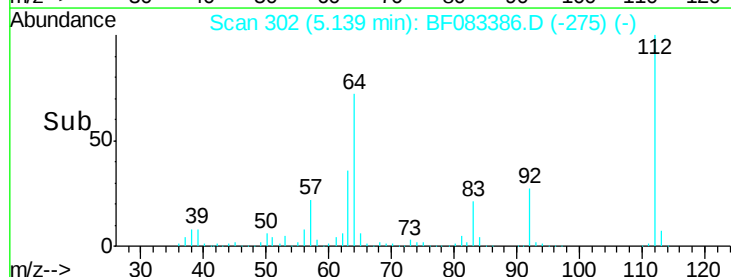
63 36.1 28.2 42.2



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: 145.43 ng

RT: 6.22 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF083386.D

Acq: 1 Dec 2015 21:58

Instrument :

BNA_F

ClientSampleId :

S14-15

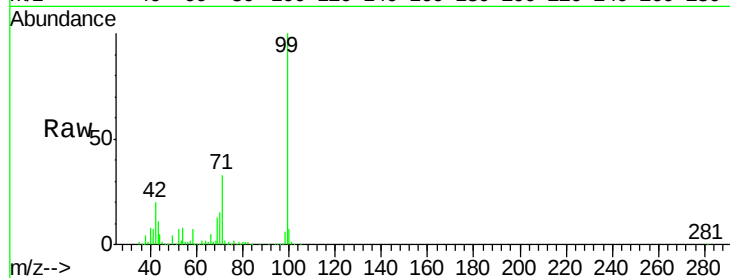
Tgt Ion: 99 Resp: 2134958

Ion Ratio Lower Upper

99 100

42 19.6 14.9 22.3

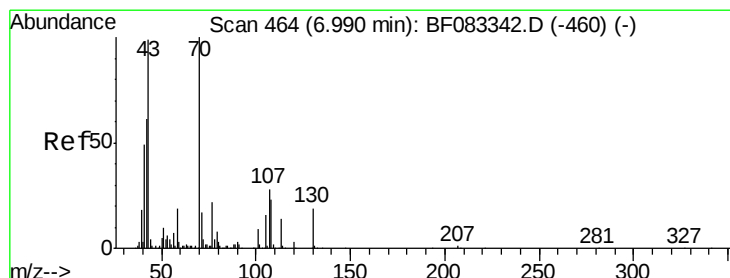
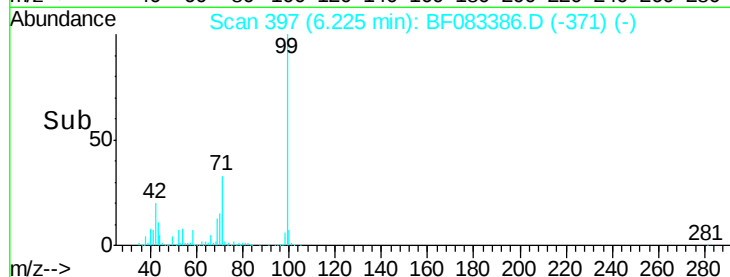
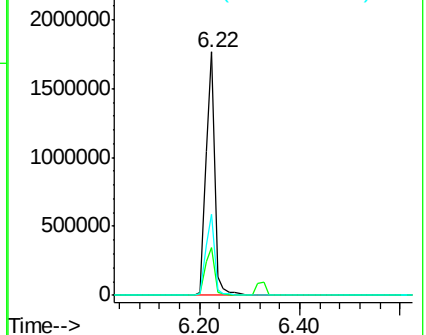
71 33.3 24.7 37.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.05 ng

RT: 7.12 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF083386.D

Acq: 1 Dec 2015 21:58

Tgt Ion: 70 Resp: 178955

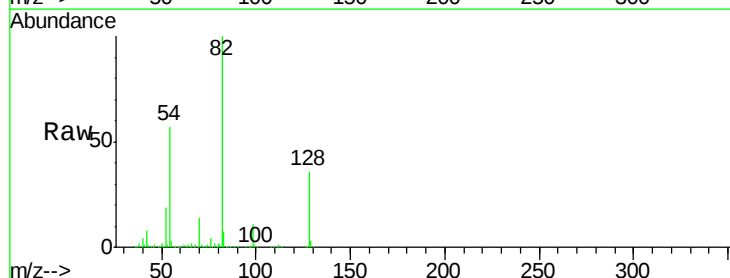
Ion Ratio Lower Upper

70 100

42 54.3 48.8 73.2

101 0.0 7.1 10.7#

130 1.6 15.0 22.6#

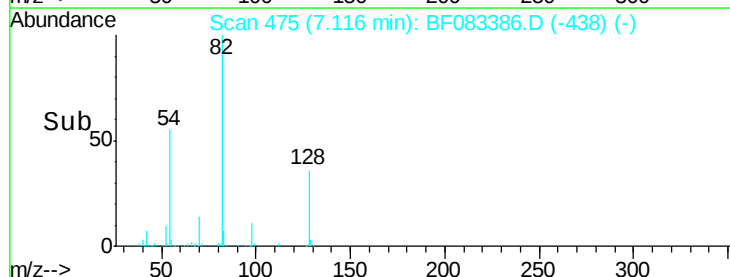
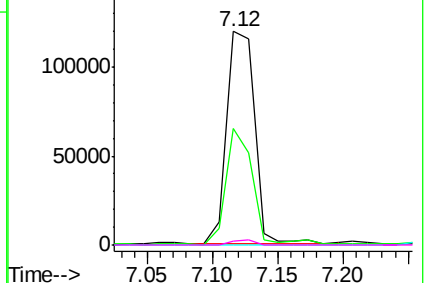


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

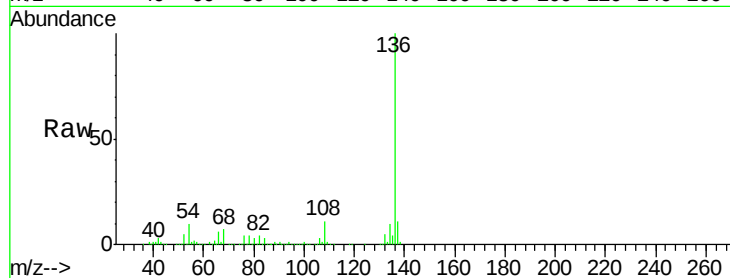




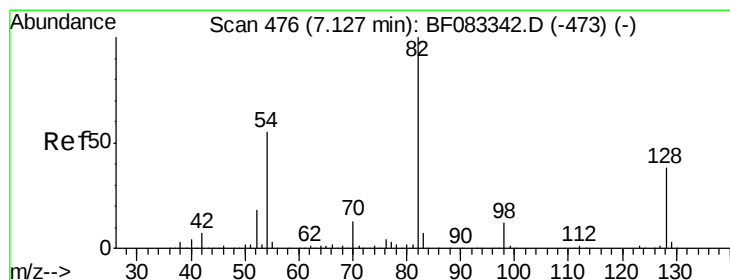
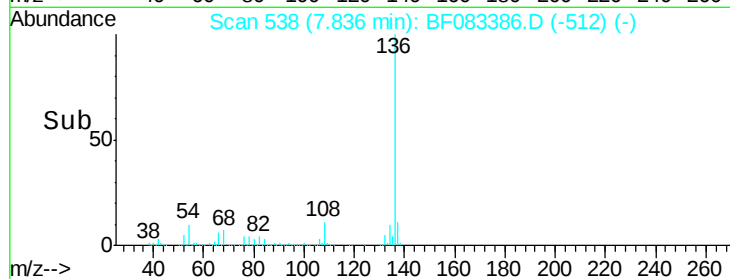
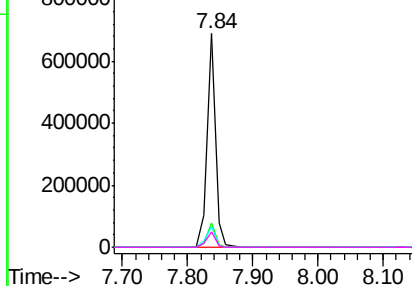
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF083386.D
Acq: 1 Dec 2015 21:58

Instrument :
BNA_F
ClientSampleId :
S14-15

Tgt Ion:	136	Resp:	613550
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	9.8	10.1	15.1#
68	7.3	7.1	10.7

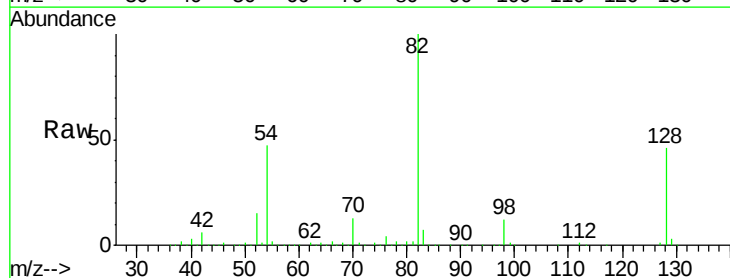


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

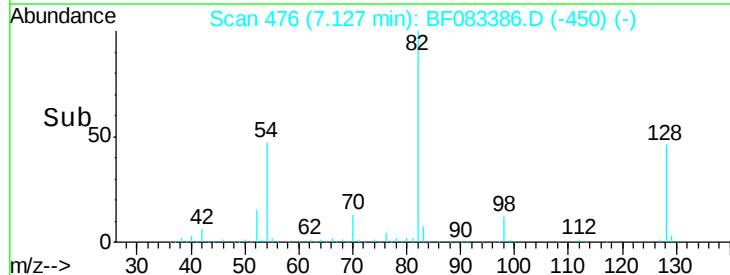
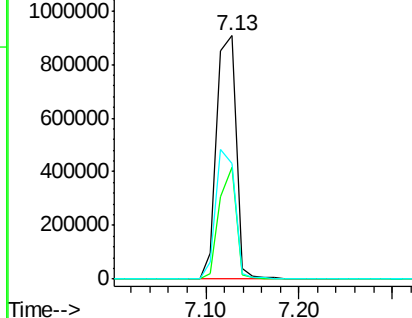


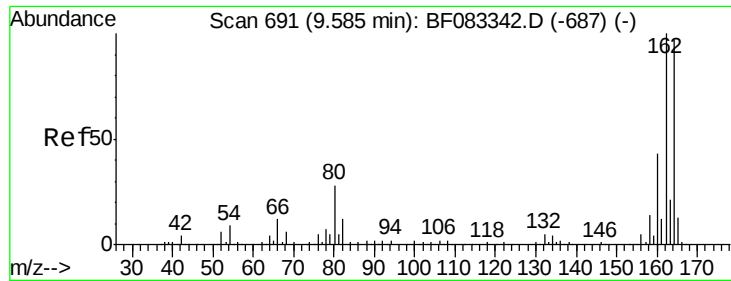
#23
Nitrobenzene-d5
Concen: 95.07 ng
RT: 7.13 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF083386.D
Acq: 1 Dec 2015 21:58

Tgt Ion:	82	Resp:	1326962
Ion	Ratio	Lower	Upper
82	100		
128	45.8	30.6	46.0
54	47.3	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

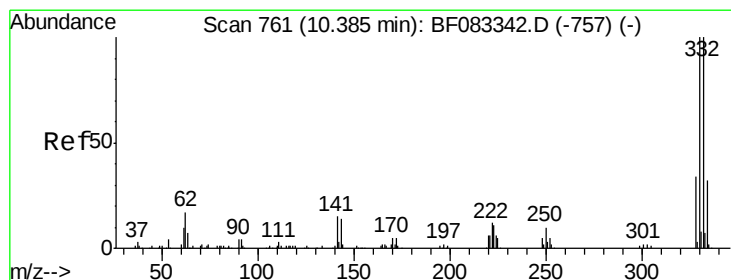
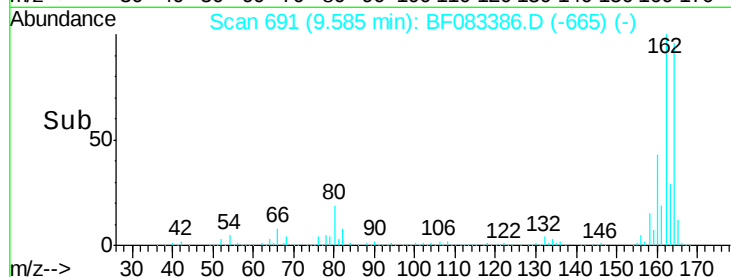
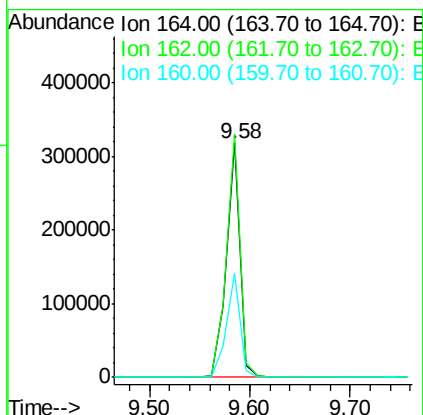
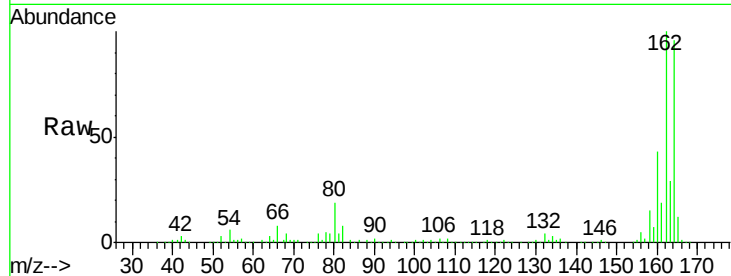




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF083386.D
 Acq: 1 Dec 2015 21:58

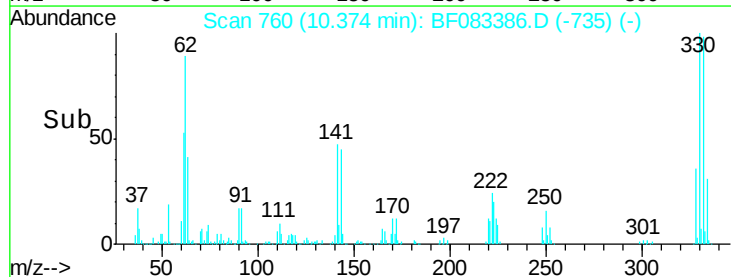
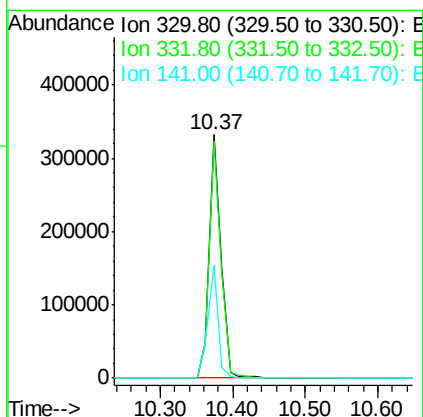
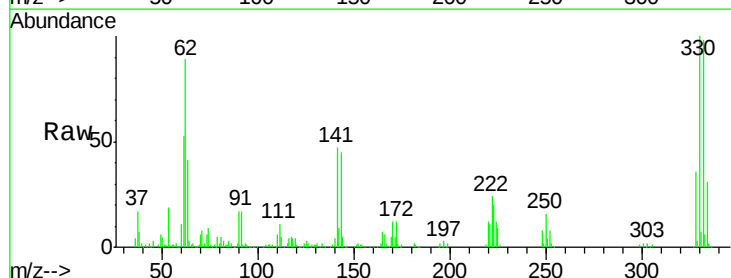
Instrument :
 BNA_F
 ClientSampleId :
 S14-15

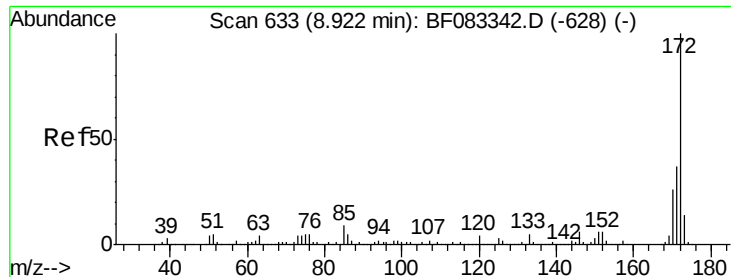
Tgt Ion:164 Resp: 299448
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.6 123.8
 160 44.3 35.3 52.9



#41
 2,4,6-Tribromophenol
 Concen: 125.66 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083386.D
 Acq: 1 Dec 2015 21:58

Tgt Ion:330 Resp: 377731
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.8 116.6
 141 40.4 29.4 44.0

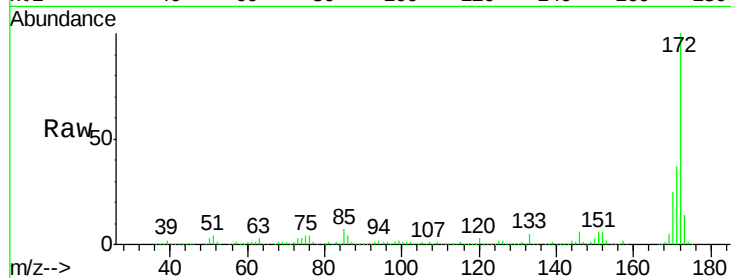




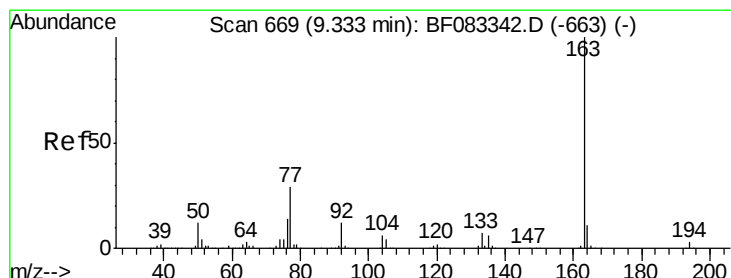
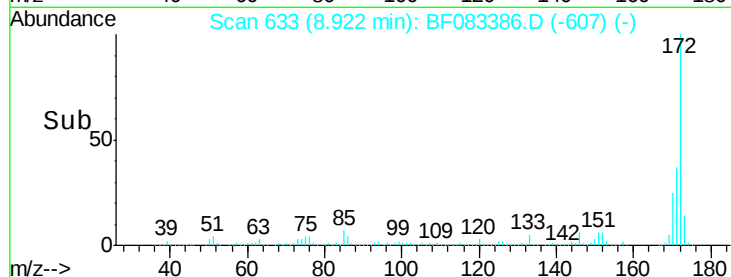
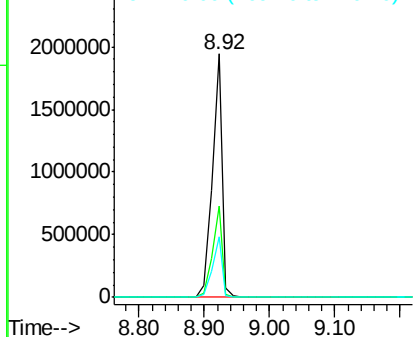
#44
 2-Fluorobiphenyl
 Concen: 97.73 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083386.D
 Acq: 1 Dec 2015 21:58

Instrument :
 BNA_F
 ClientSampled :
 S14-15

Tgt Ion:172 Resp: 2053640
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.4 44.0
 170 25.1 20.4 30.6

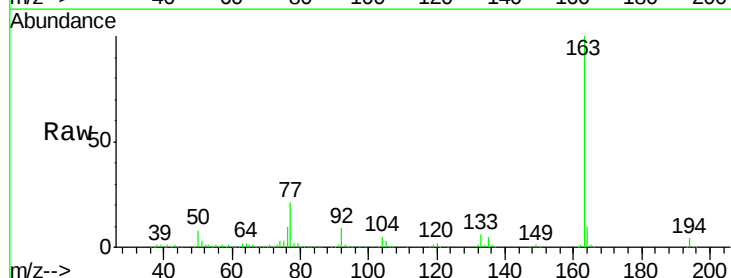


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

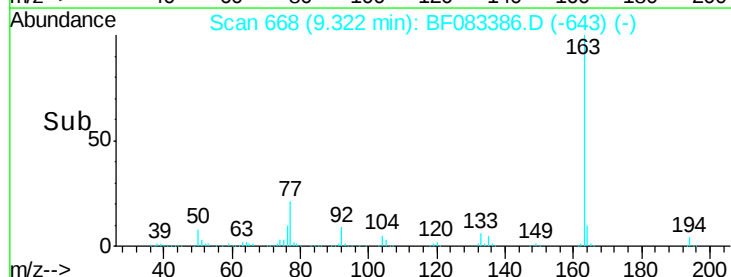
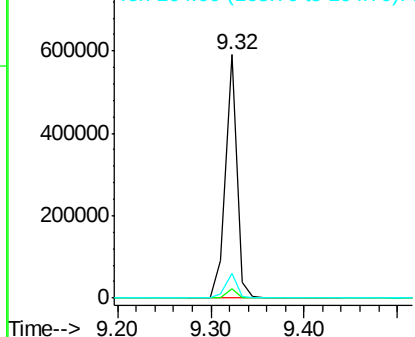


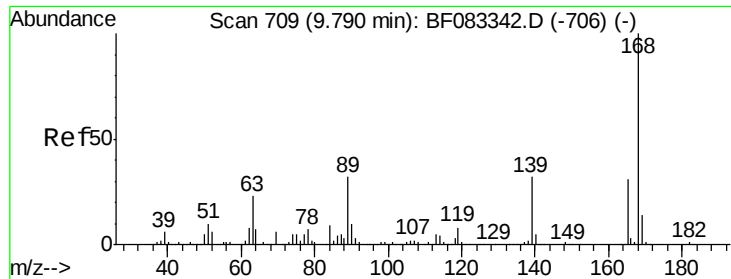
#49
 Dimethylphthalate
 Concen: 20.56 ng
 RT: 9.32 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF083386.D
 Acq: 1 Dec 2015 21:58

Tgt Ion:163 Resp: 500430
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.7 4.1
 164 10.1 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

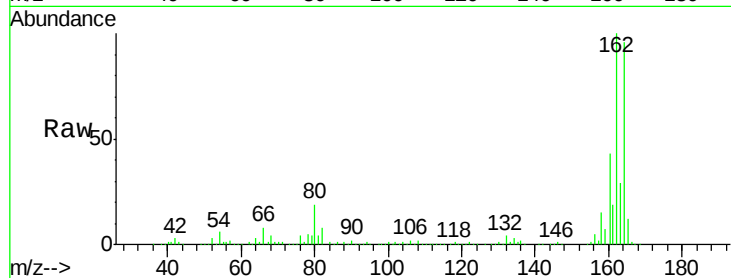




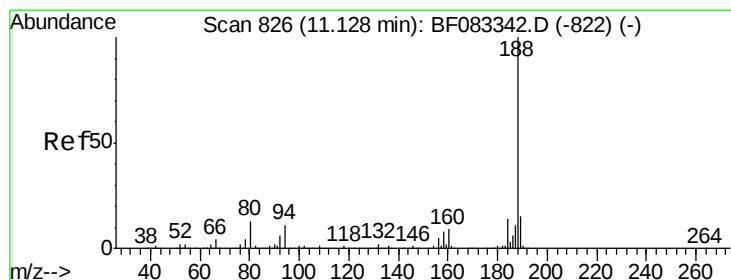
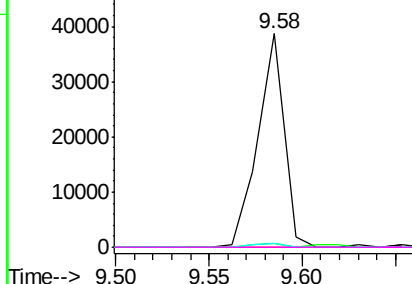
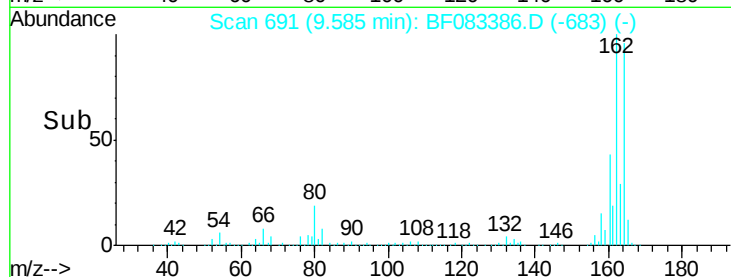
#56
 2,4-Dinitrotoluene
 Concen: 5.71 ng
 RT: 9.58 min Scan# 691
 Delta R.T. -0.21 min
 Lab File: BF083386.D
 Acq: 1 Dec 2015 21:58

Instrument :
 BNA_F
 ClientSampleId :
 S14-15

Tgt Ion:165 Resp: 37630
 Ion Ratio Lower Upper
 165 100
 63 2.0 65.4 98.0#
 89 1.6 81.2 121.8#
 182 0.0 1.8 2.8#

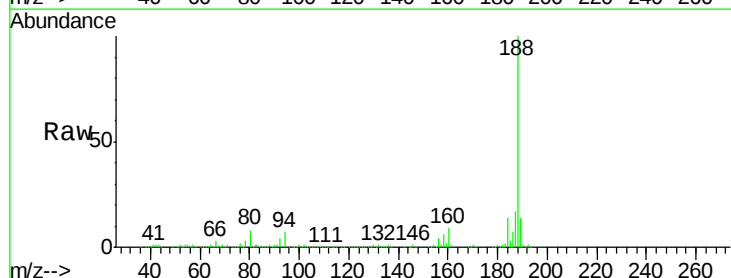


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

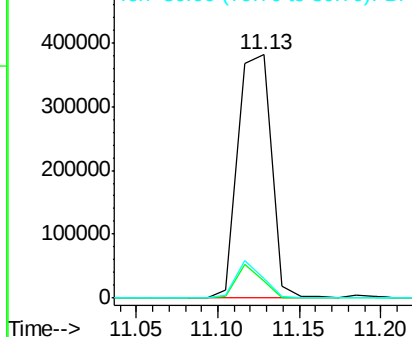
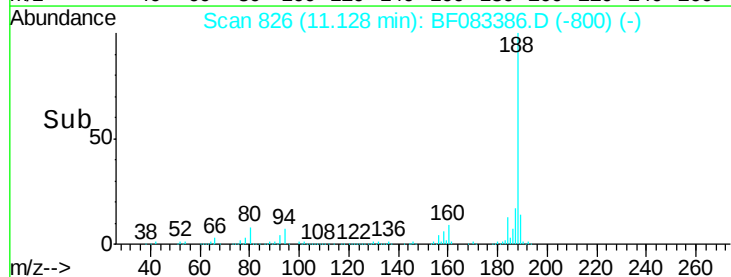


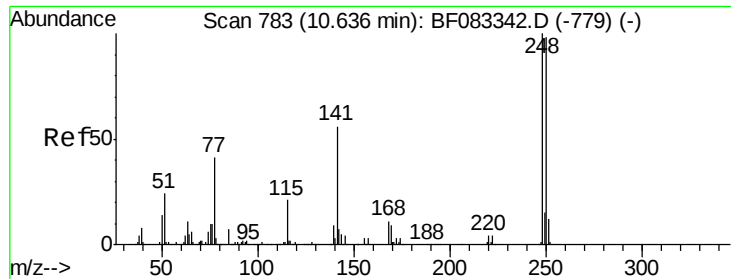
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF083386.D
 Acq: 1 Dec 2015 21:58

Tgt Ion:188 Resp: 540023
 Ion Ratio Lower Upper
 188 100
 94 7.0 8.7 13.1#
 80 7.9 10.3 15.5#



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

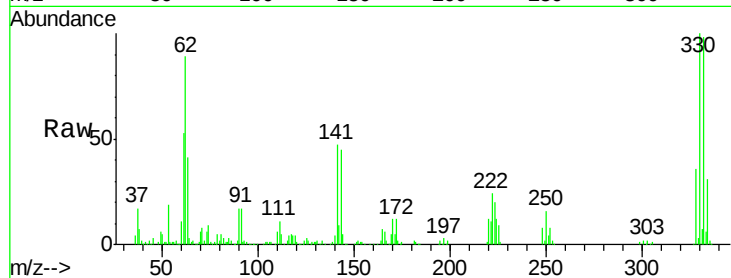




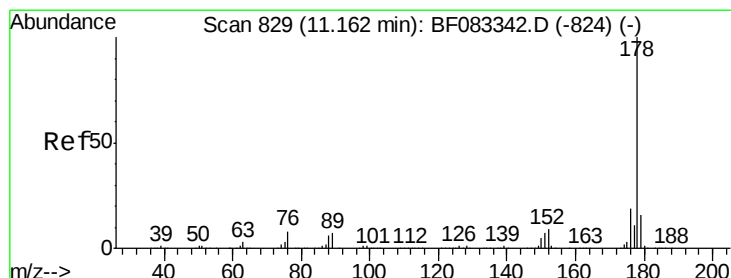
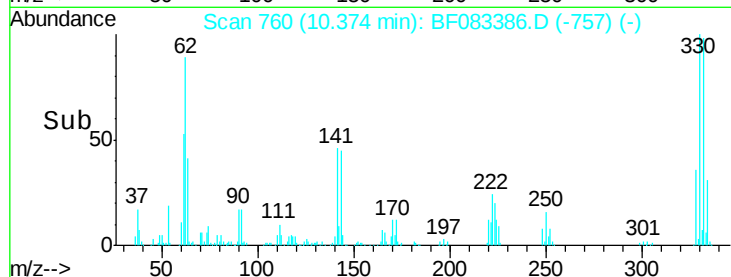
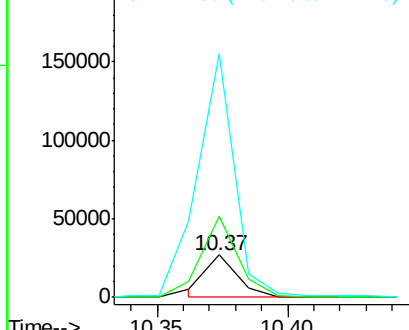
#66
4-Bromophenyl-phenylether
Concen: 3.88 ng
RT: 10.37 min Scan# 760
Delta R.T. -0.26 min
Lab File: BF083386.D
Acq: 1 Dec 2015 21:58

Instrument :
BNA_F
ClientSampleId :
S14-15

Tgt Ion:248 Resp: 22935
Ion Ratio Lower Upper
248 100
250 191.4 78.6 118.0#
141 573.5 44.4 66.6#

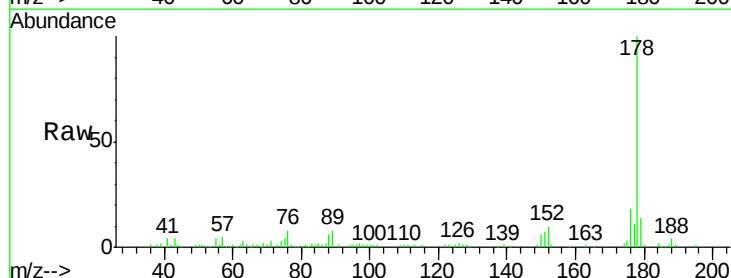


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

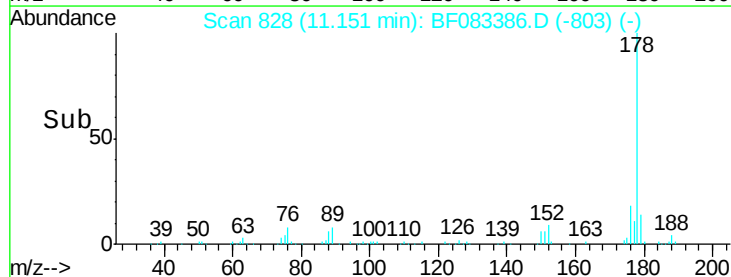
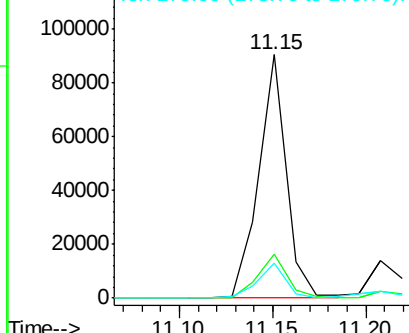


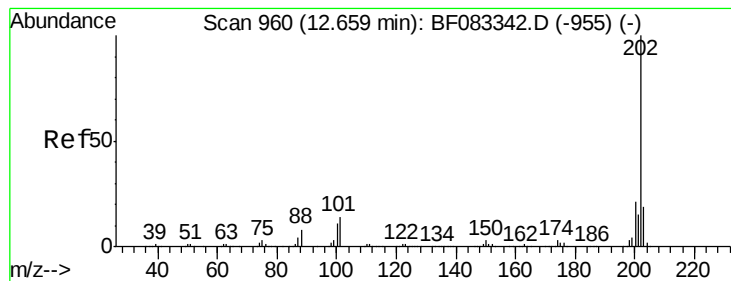
#70
Phenanthrene
Concen: 2.89 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF083386.D
Acq: 1 Dec 2015 21:58

Tgt Ion:178 Resp: 92227
Ion Ratio Lower Upper
178 100
176 18.1 15.3 22.9
179 14.3 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 3.66 ng

RT: 12.66 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF083386.D

Acq: 1 Dec 2015 21:58

Instrument :

BNA_F

ClientSampleId :

S14-15

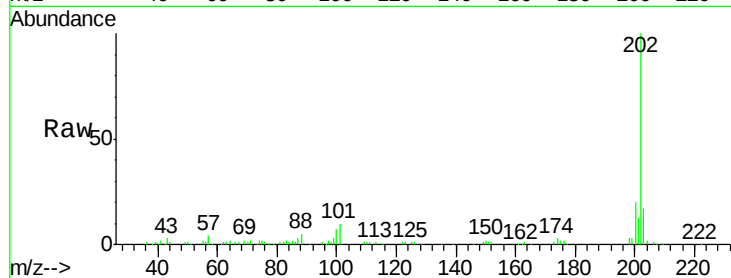
Tgt Ion:202 Resp: 121081

Ion Ratio Lower Upper

202 100

101 9.6 0.0 34.5

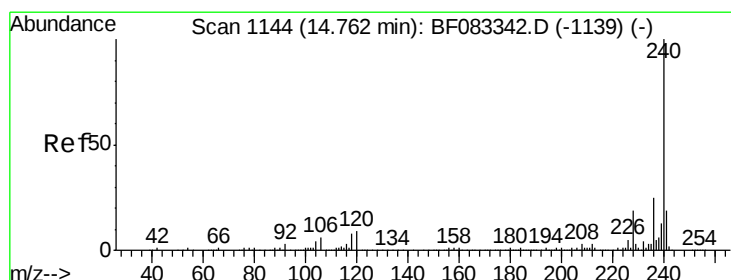
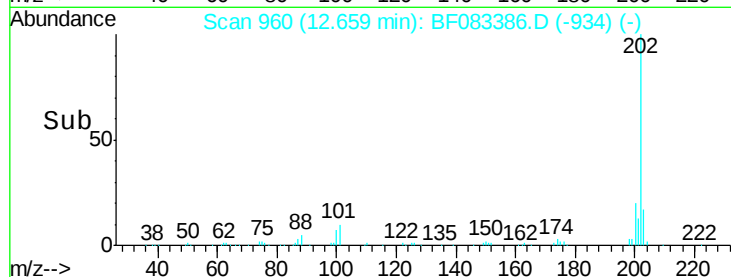
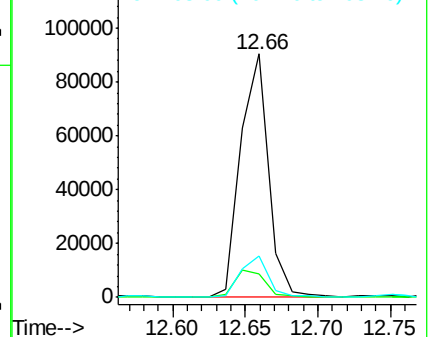
203 17.1 0.0 38.7



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: 14.75 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF083386.D

Acq: 1 Dec 2015 21:58

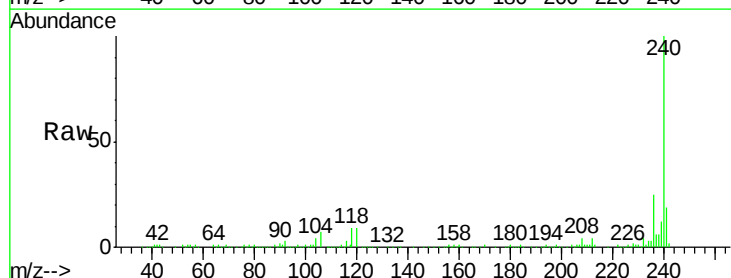
Tgt Ion:240 Resp: 426903

Ion Ratio Lower Upper

240 100

120 9.2 6.9 10.3

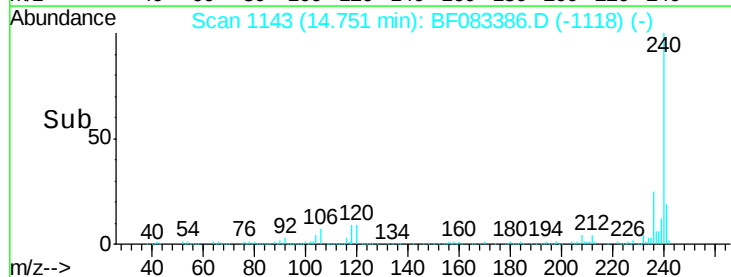
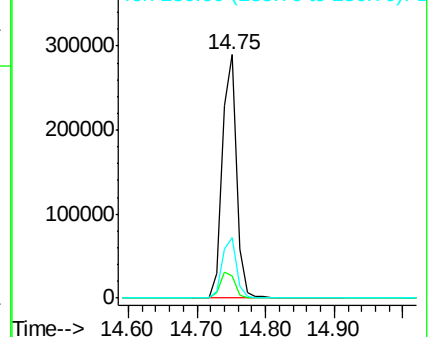
236 24.6 19.8 29.6

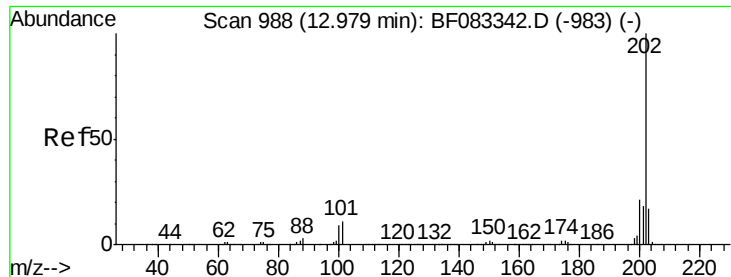


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 3.63 ng

RT: 12.97 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF083386.D

Acq: 1 Dec 2015 21:58

Instrument :

BNA_F

ClientSampleId :

S14-15

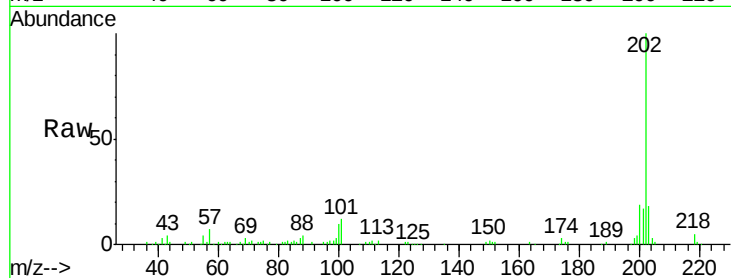
Tgt Ion:202 Resp: 108205

Ion Ratio Lower Upper

202 100

200 19.4 16.9 25.3

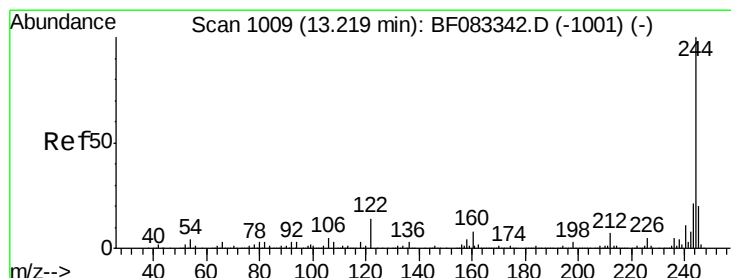
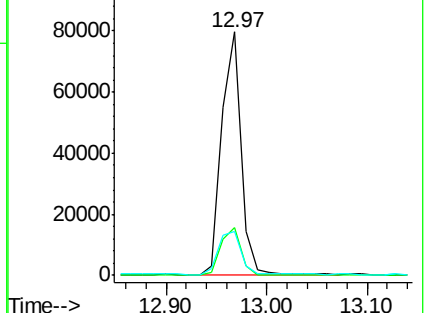
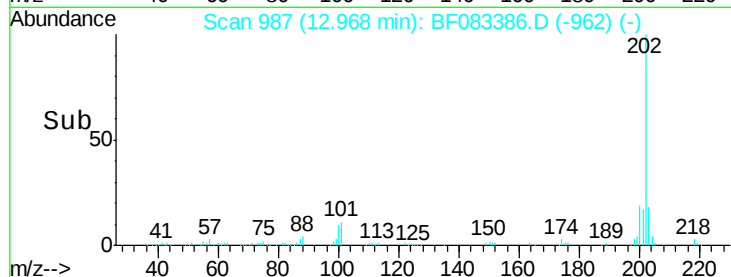
203 18.3 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 100.19 ng

RT: 13.22 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF083386.D

Acq: 1 Dec 2015 21:58

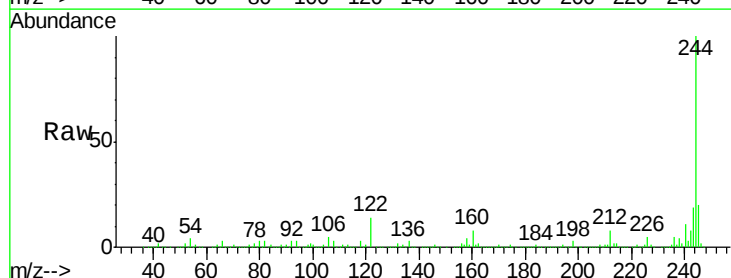
Tgt Ion:244 Resp: 1793512

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

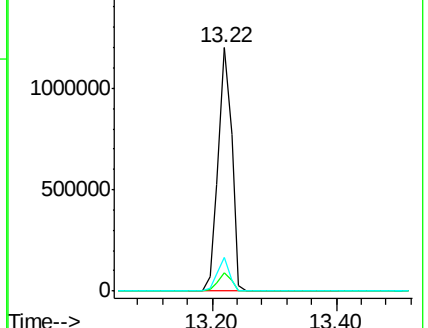
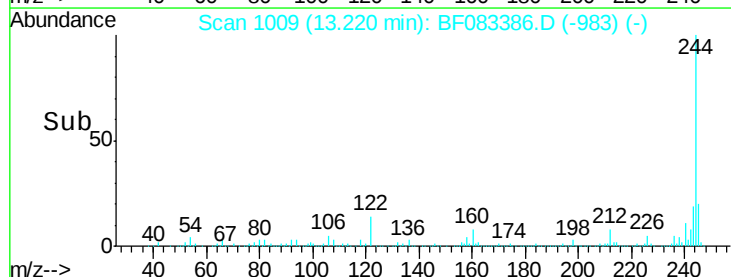
122 13.9 11.0 16.4

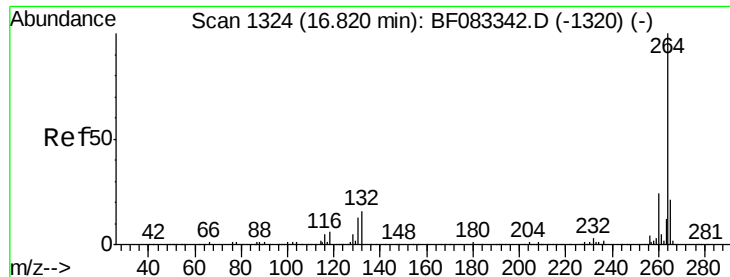


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



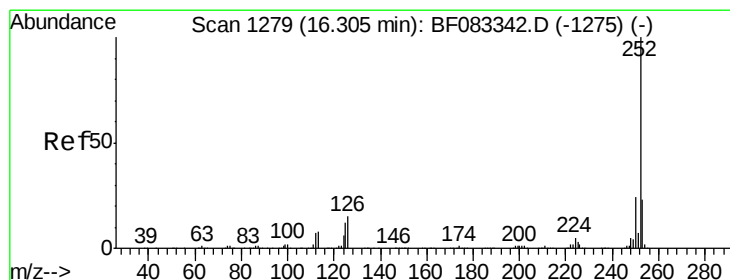
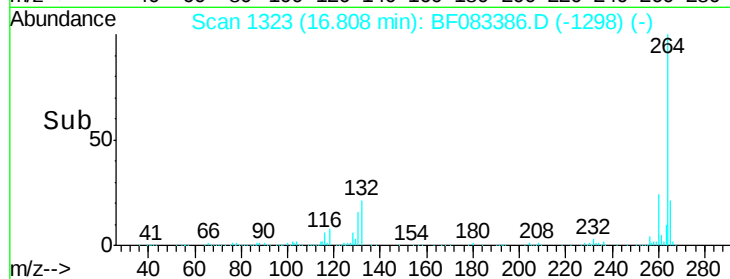
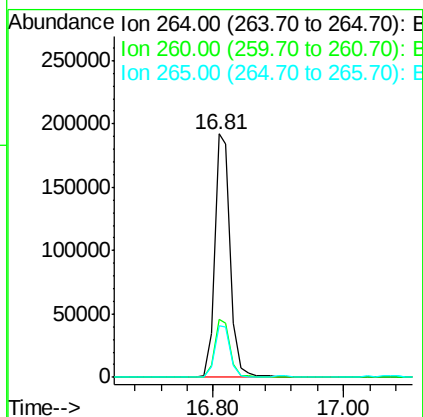
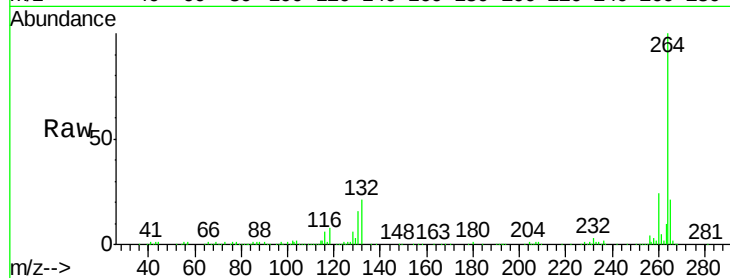


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.81 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF083386.D
Acq: 1 Dec 2015 21:58

Instrument :
BNA_F
ClientSampled :
S14-15

Tgt Ion: 264 Resp: 324636

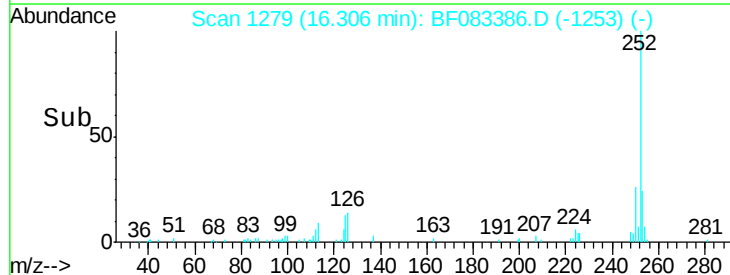
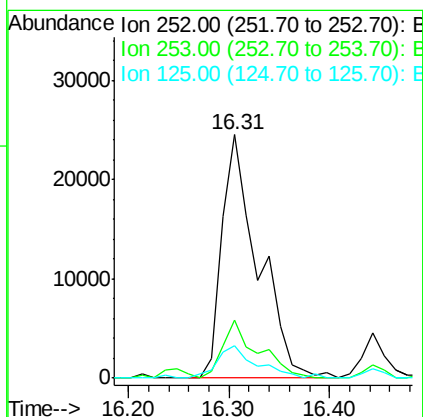
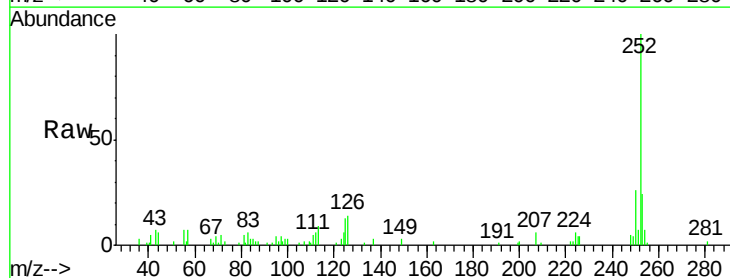
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	21.4	16.8	25.2

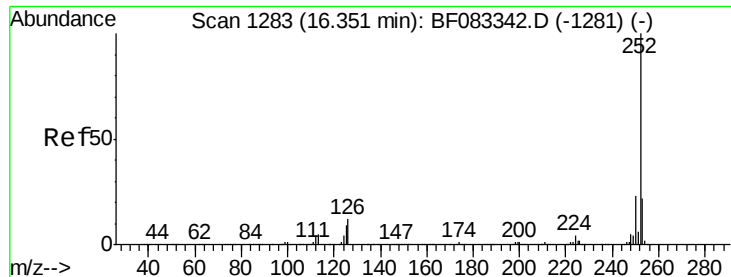


#87
Benzo(b)fluoranthene
Concen: 2.95 ng
RT: 16.31 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF083386.D
Acq: 1 Dec 2015 21:58

Tgt Ion: 252 Resp: 61450

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.4	27.6
125	13.3	9.6	14.4





#88
 Benzo(k)fluoranthene
 Concen: 3.12 ng
 RT: 16.31 min Scan# 1279
 Delta R.T. -0.05 min
 Lab File: BF083386.D
 Acq: 1 Dec 2015 21:58

Instrument :
 BNA_F
 ClientSampleId :
 S14-15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.0
125	13.3	7.5	11.3

