

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
 Data File : BF083425.D
 Acq On : 2 Dec 2015 18:45
 Operator : UM/IZ
 Sample : G4584-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(6-11)

Quant Time: Dec 03 02:47:17 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	6.69	152	637919	20.00	ng	0.15
21) Naphthalene-d8	7.84	136	599193	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	307883	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	542951	20.00	ng	-0.01
75) Chrysene-d12	14.73	240	401174	20.00	ng	-0.03
86) Perylene-d12	16.80	264	346767	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.14	112	1519750	35.75	ng	0.01
7) Phenol-d6	6.21	99	1861652	31.99	ng	-0.01
23) Nitrobenzene-d5	7.12	82	1352415	99.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	349405	113.05	ng	-0.02
44) 2-Fluorobiphenyl	8.91	172	1839940	85.16	ng	-0.01
78) Terphenyl-d14	13.21	244	1775788	105.56	ng	-0.01

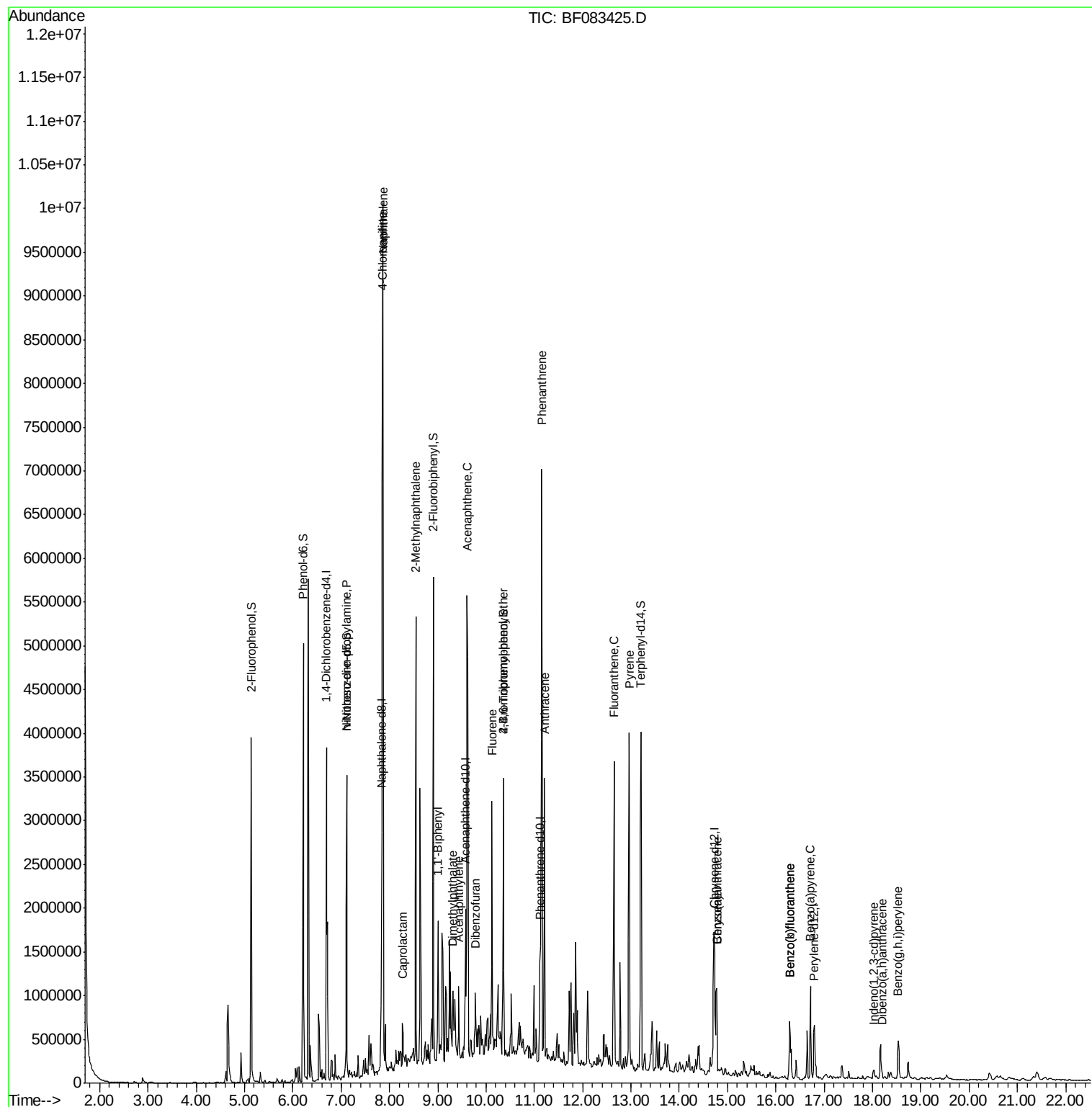
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.21	77	8438	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.12	70	199085	4.79 ng	#	79
31) Naphthalene	7.87	128	7774785	239.14 ng	#	93
33) 4-Chloroaniline	7.86	127	1270588	90.66 ng	#	33
35) Caprolactam	8.27	113	12137	4.01 ng	#	1
37) 2-Methylnaphthalene	8.54	142	1448941	66.69 ng		97
45) 1,1'-Biphenyl	9.00	154	613483	22.72 ng		95
48) Acenaphthylene	9.44	152	202882	6.18 ng		96
49) Dimethylphthalate	9.31	163	184508	7.37 ng		98
51) Acenaphthene	9.61	154	1861588	96.44 ng		98
54) Dibenzofuran	9.78	168	157807	5.58 ng	#	91
57) Fluorene	10.12	166	961164	43.03 ng		100
66) 4-Bromophenyl-phenylether	10.36	248	21530	3.62 ng	#	1
70) Phenanthrene	11.15	178	4032084	125.49 ng		94
71) Anthracene	11.21	178	1511806	46.74 ng		100
74) Fluoranthene	12.65	202	1977218	59.36 ng		99
77) Pyrene	12.97	202	2694740	96.18 ng		98
80) Benzo(a)anthracene	14.77	228	620876	25.26 ng		98
82) Chrysene	14.77	228	620876	26.15 ng		98
85) Indeno(1,2,3-cd)pyrene	18.03	276	70260	4.06 ng		96
87) Benzo(b)fluoranthene	16.28	252	634505	28.52 ng		97
88) Benzo(k)fluoranthene	16.28	252	634505	30.20 ng	#	97
89) Benzo(a)pyrene	16.72	252	564724	29.55 ng	#	96
90) Dibenzo(a,h)anthracene	18.19	278	59734	3.59 ng		97
91) Benzo(g,h,i)perylene	18.53	276	331113	20.26 ng		97

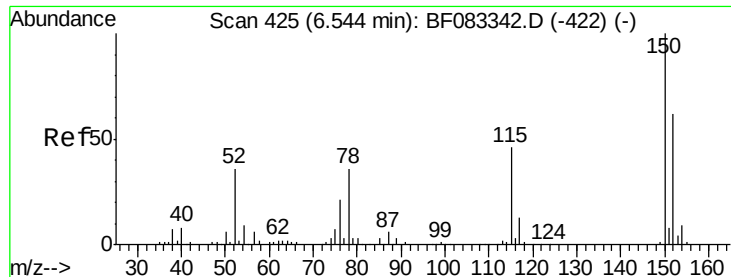
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 438

Delta R.T. 0.15 min

Lab File: BF083425.D

Acq: 2 Dec 2015 18:45

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(6-11)

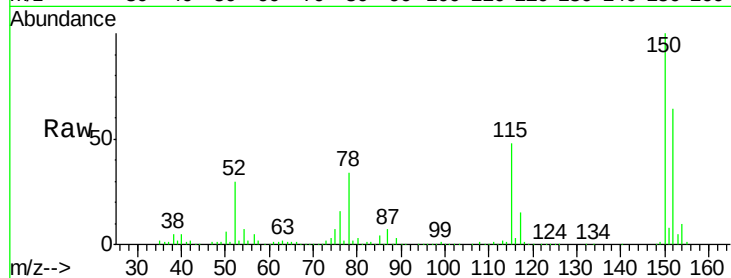
Tgt Ion:152 Resp: 637919

Ion Ratio Lower Upper

152 100

150 155.8 129.8 194.8

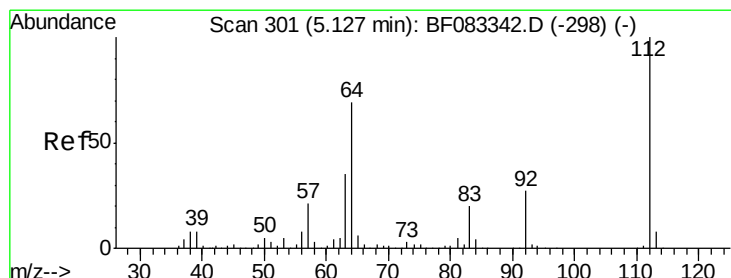
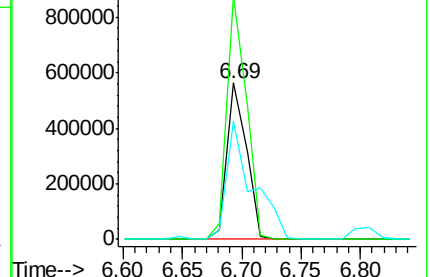
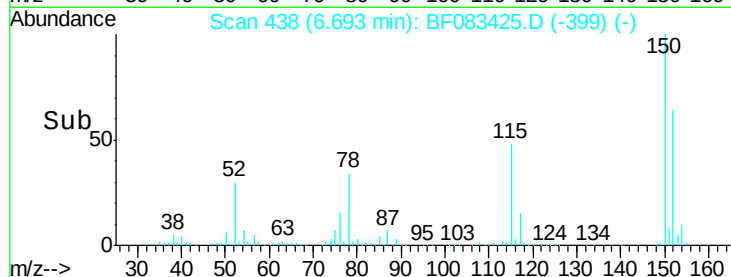
115 75.5 59.2 88.8



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: 35.75 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083425.D

Acq: 2 Dec 2015 18:45

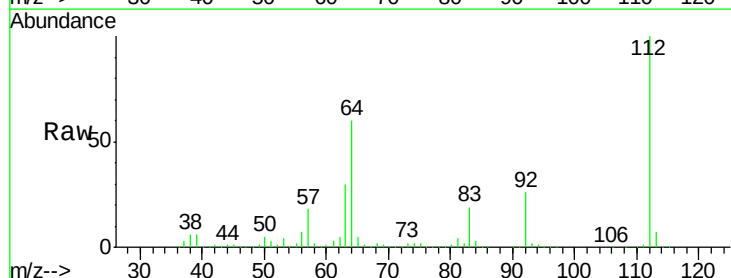
Tgt Ion:112 Resp: 1519750

Ion Ratio Lower Upper

112 100

64 59.6 55.6 83.4

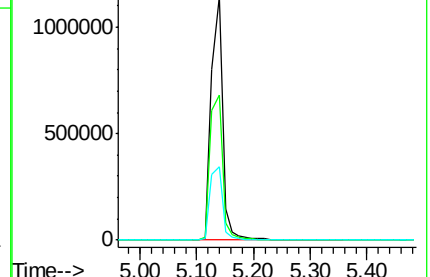
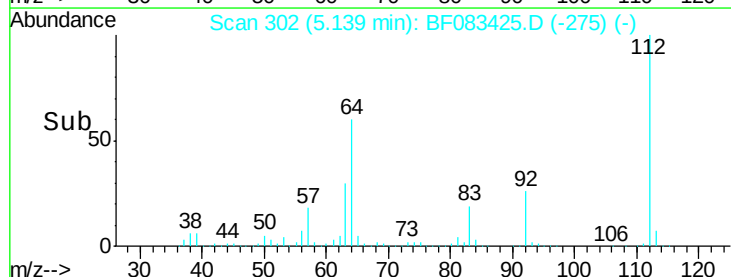
63 30.3 28.2 42.2

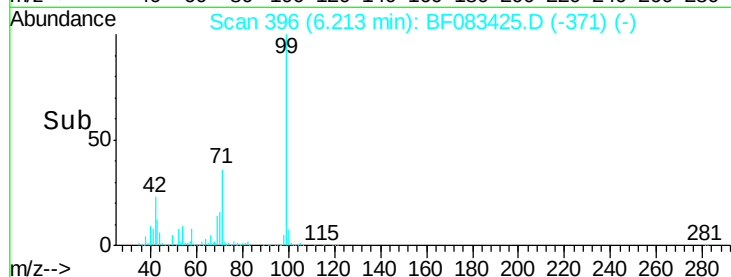
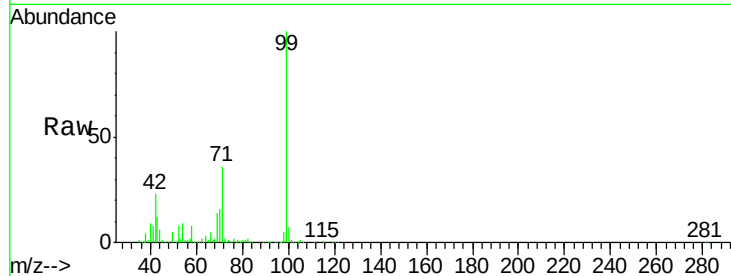
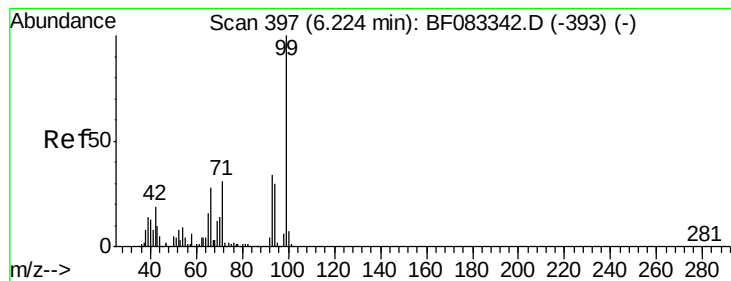


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.99 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083425.D

Acq: 2 Dec 2015 18:45

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(6-11)

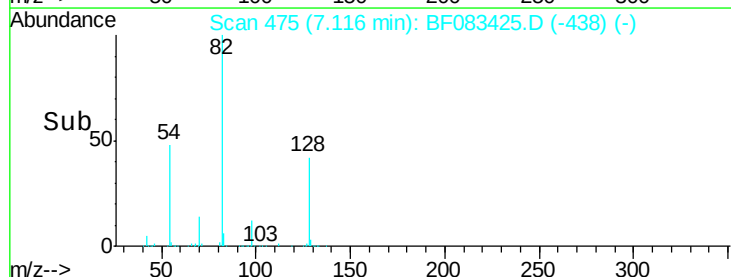
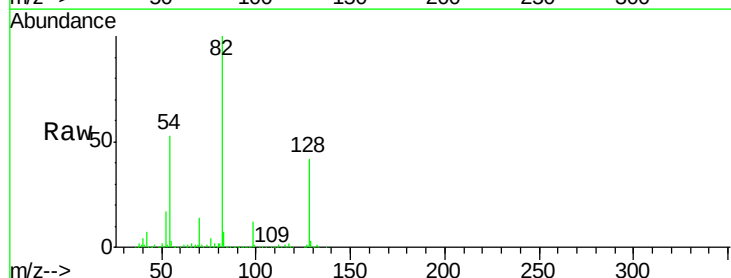
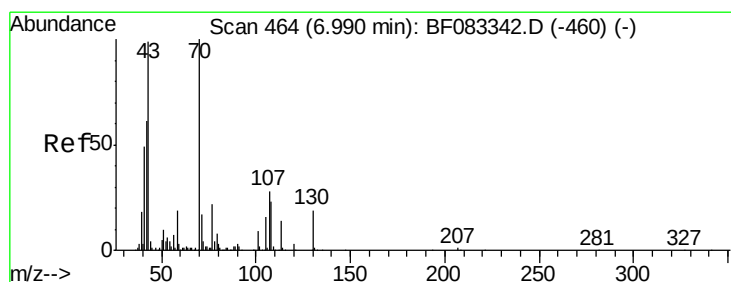
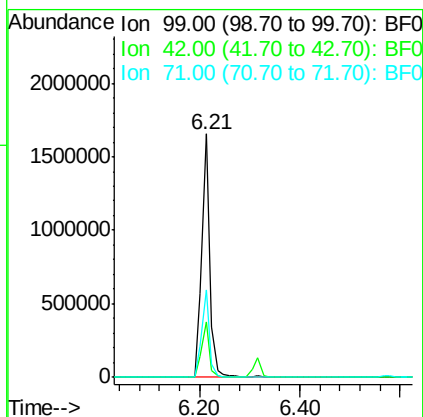
Tgt Ion: 99 Resp: 1861652

Ion Ratio Lower Upper

99 100

42 22.6 14.9 22.3#

71 35.8 24.7 37.1



#19

n-Nitroso-di-n-propylamine

Concen: 4.79 ng

RT: 7.12 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF083425.D

Acq: 2 Dec 2015 18:45

Tgt Ion: 70 Resp: 199085

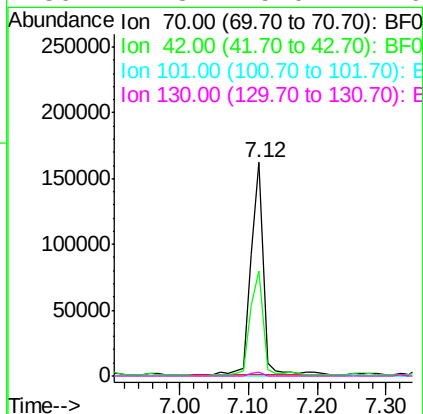
Ion Ratio Lower Upper

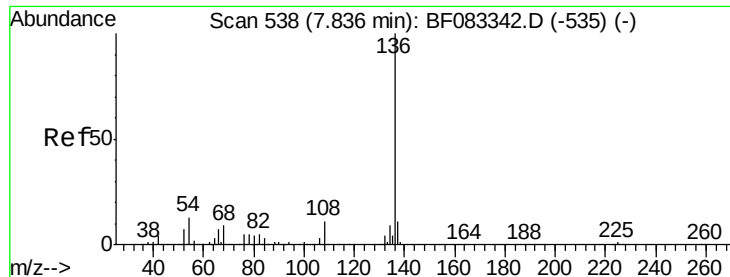
70 100

42 49.4 48.8 73.2

101 0.0 7.1 10.7#

130 1.8 15.0 22.6#

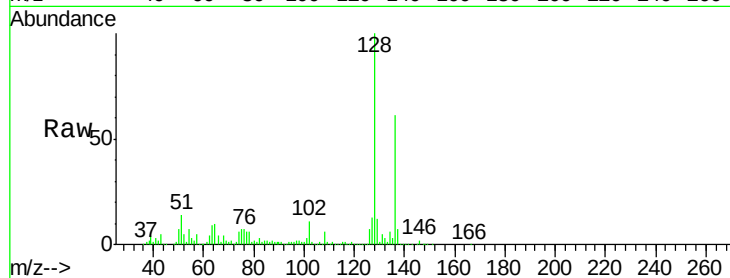




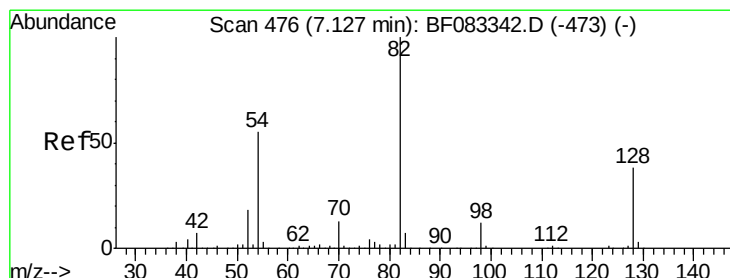
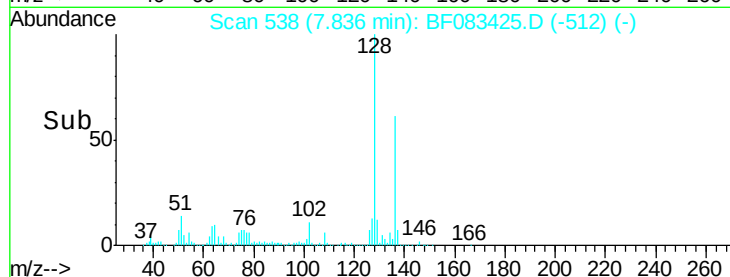
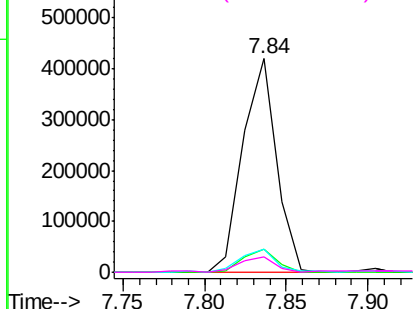
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)

Tgt Ion:	136	Resp:	599193
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	10.7	10.1	15.1
68	7.2	7.1	10.7

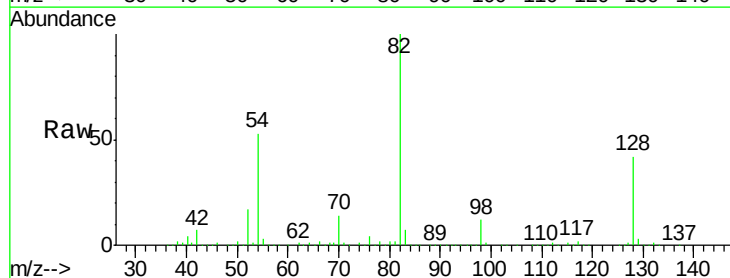


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

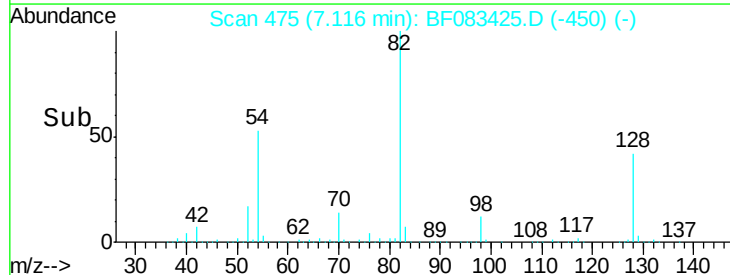
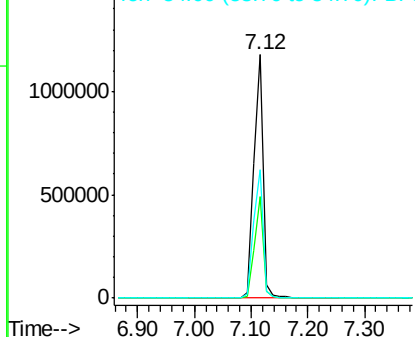


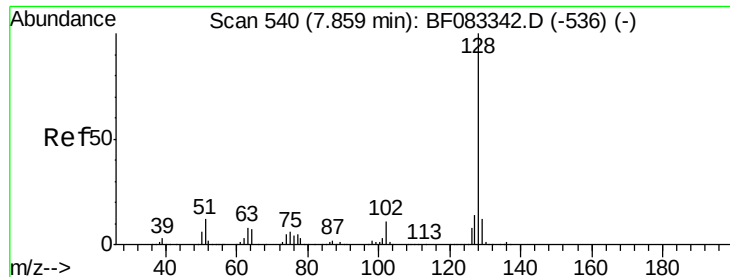
#23
Nitrobenzene-d5
Concen: 99.22 ng
RT: 7.12 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Tgt Ion:	82	Resp:	1352415
Ion	Ratio	Lower	Upper
82	100		
128	41.7	30.6	46.0
54	52.9	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

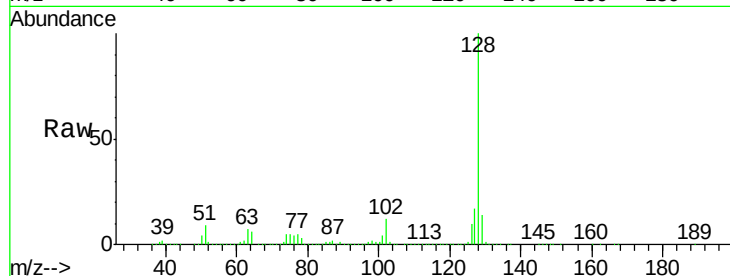




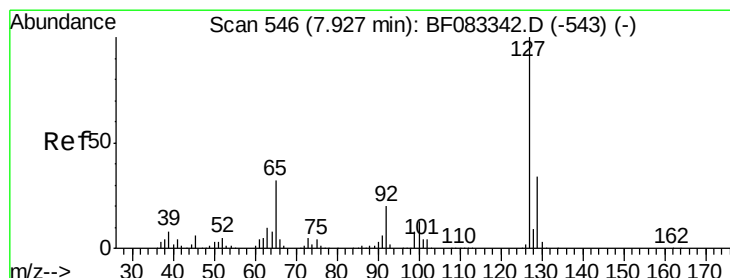
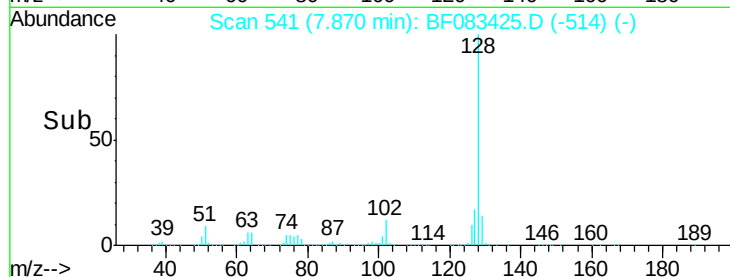
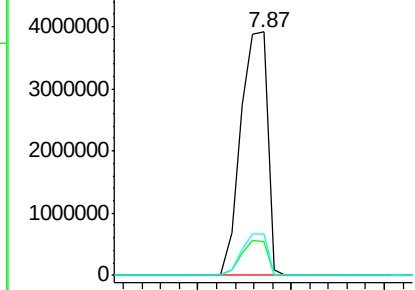
#31
Naphthalene
Concen: 239.14 ng
RT: 7.87 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)

Tgt Ion:128 Resp: 7774785
Ion Ratio Lower Upper
128 100
129 13.9 9.7 14.5
127 17.0 11.0 16.4#

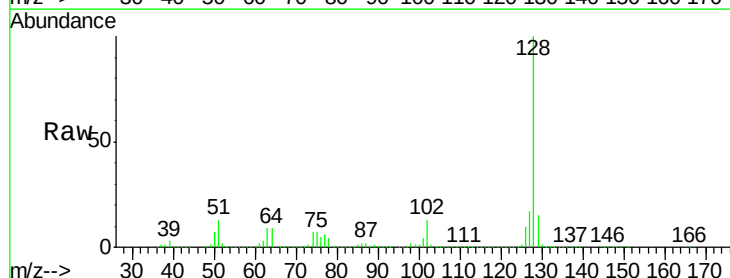


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

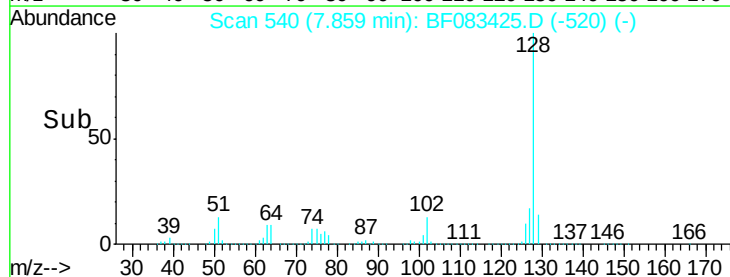
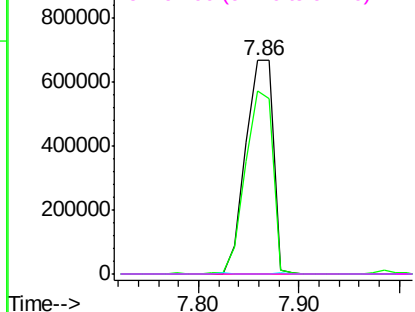


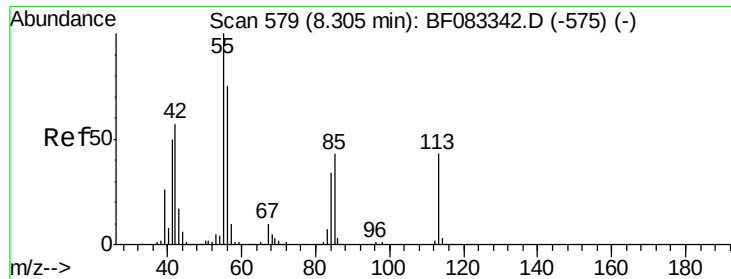
#33
4-Chloroaniline
Concen: 90.66 ng
RT: 7.86 min Scan# 540
Delta R.T. -0.07 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Tgt Ion:127 Resp: 1270588
Ion Ratio Lower Upper
127 100
129 85.7 27.0 40.4#
65 0.0 25.9 38.9#
92 0.1 15.8 23.8#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

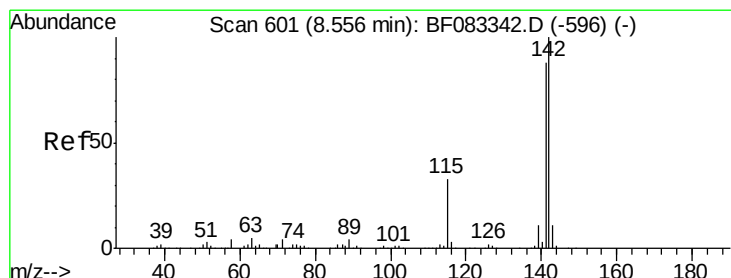
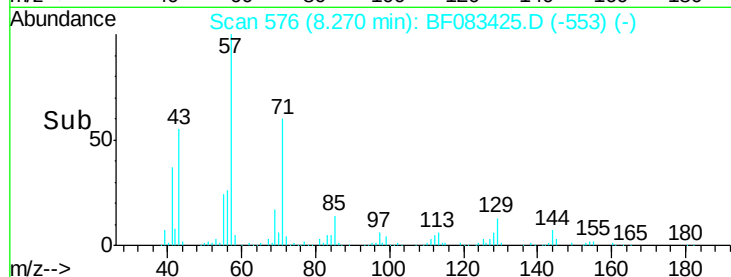
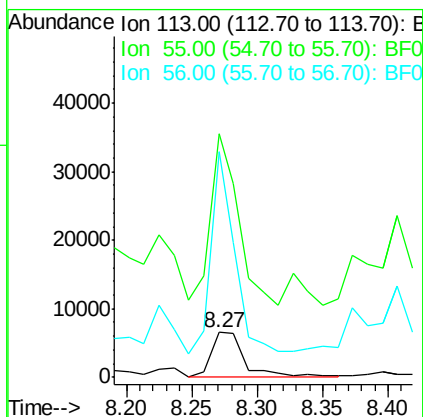
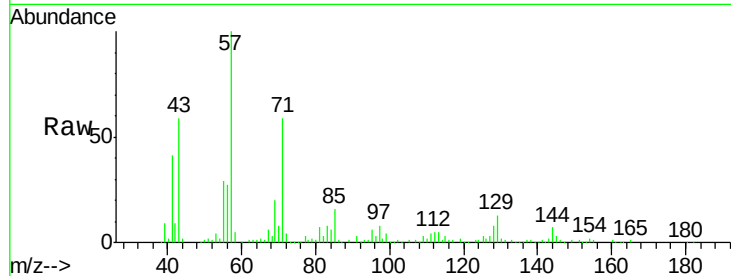




#35
 Caprolactam
 Concen: 4.01 ng
 RT: 8.27 min Scan# 576
 Delta R.T. -0.03 min
 Lab File: BF083425.D
 Acq: 2 Dec 2015 18:45

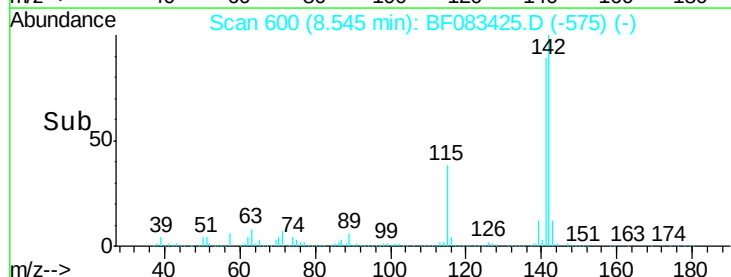
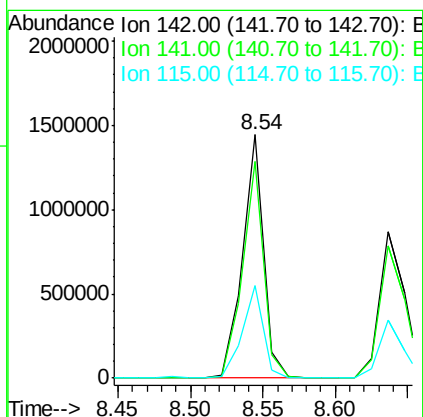
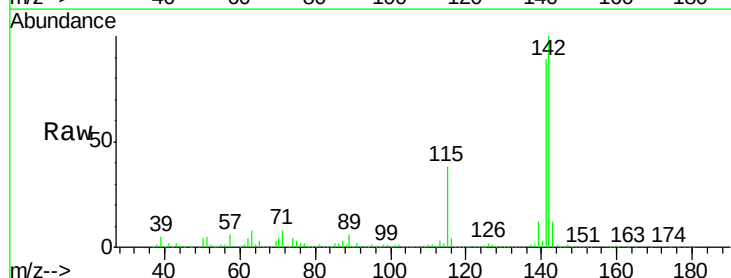
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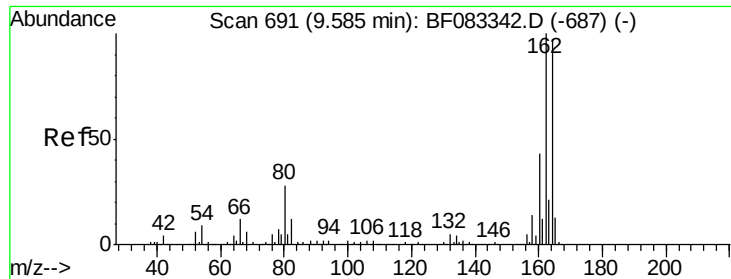
Tgt Ion:113 Resp: 12137
 Ion Ratio Lower Upper
 113 100
 55 545.9 211.6 251.6#
 56 506.0 153.0 193.0#



#37
 2-Methylnaphthalene
 Concen: 66.69 ng
 RT: 8.54 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF083425.D
 Acq: 2 Dec 2015 18:45

Tgt Ion:142 Resp: 1448941
 Ion Ratio Lower Upper
 142 100
 141 88.9 70.6 105.8
 115 38.1 26.2 39.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.57 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF083425.D

Acq: 2 Dec 2015 18:45

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(6-11)

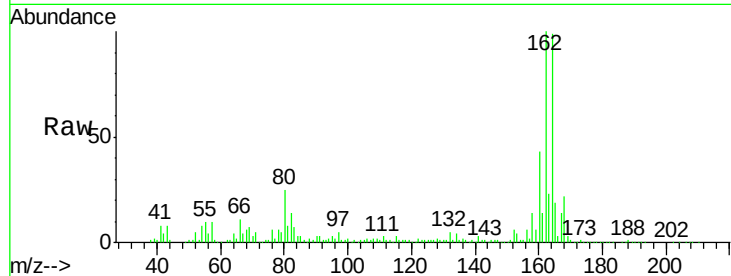
Tgt Ion:164 Resp: 307883

Ion Ratio Lower Upper

164 100

162 101.0 82.6 123.8

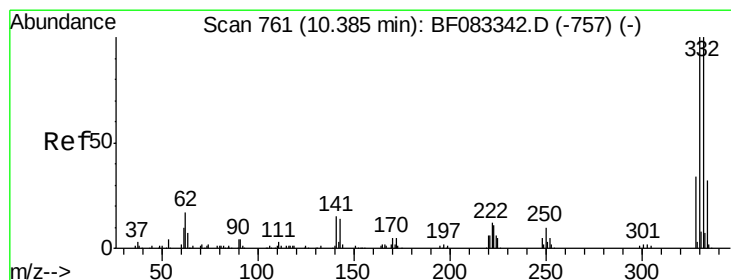
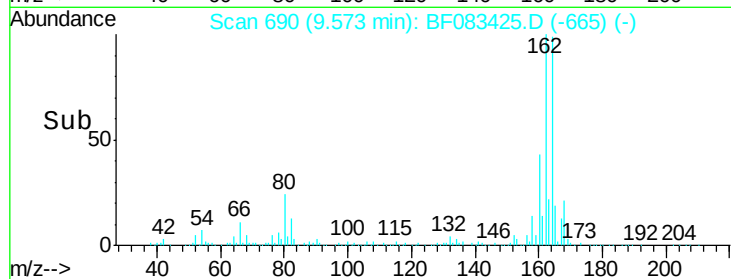
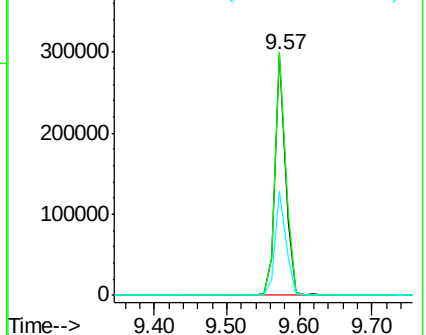
160 43.2 35.3 52.9



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: 113.05 ng

RT: 10.36 min Scan# 759

Delta R.T. -0.02 min

Lab File: BF083425.D

Acq: 2 Dec 2015 18:45

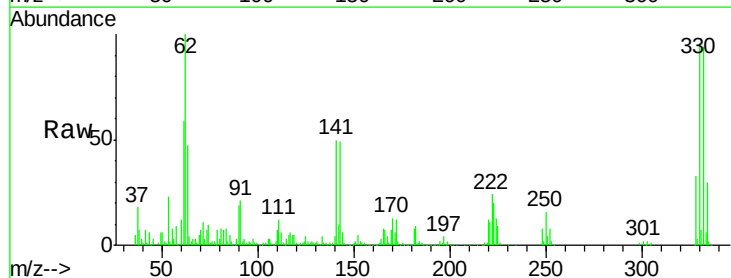
Tgt Ion:330 Resp: 349405

Ion Ratio Lower Upper

330 100

332 97.2 77.8 116.6

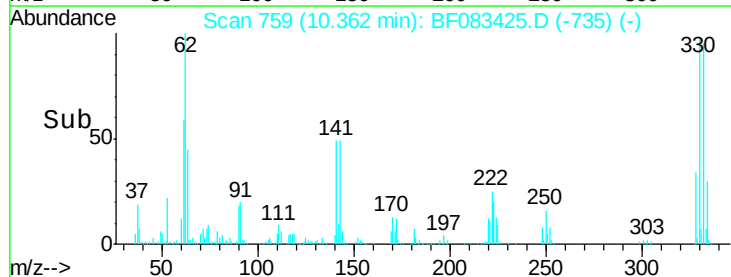
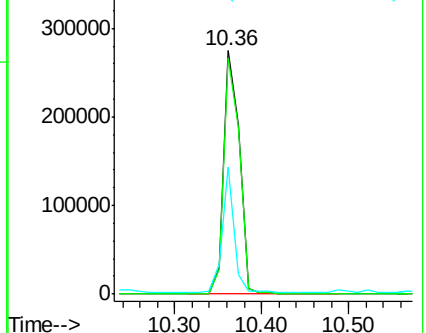
141 39.6 29.4 44.0

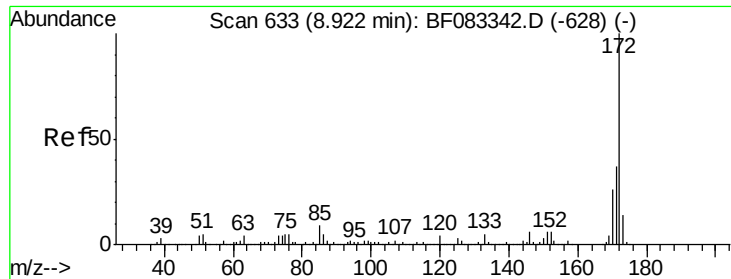


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

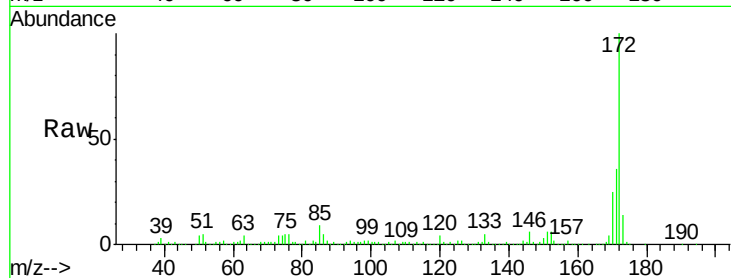




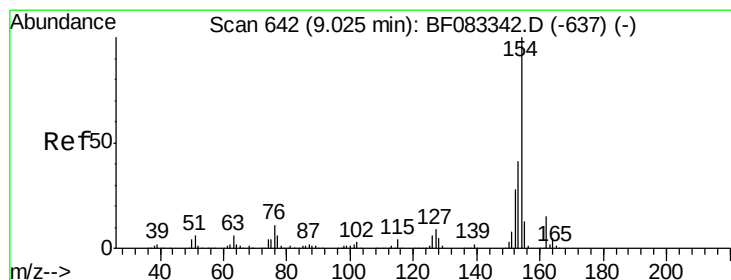
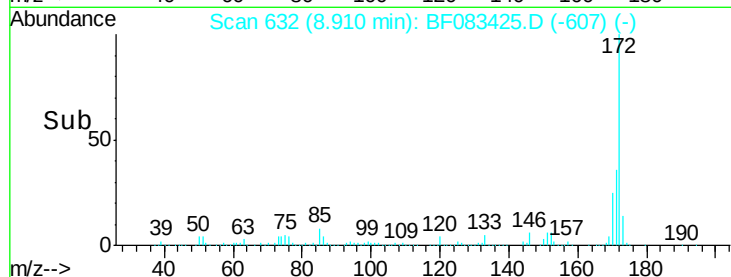
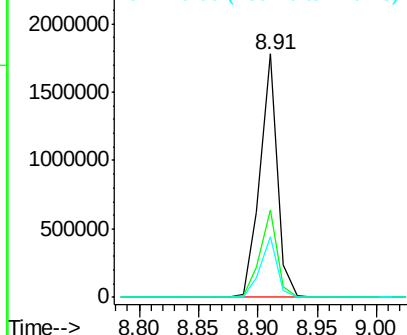
#44
 2-Fluorobiphenyl
 Concen: 85.16 ng
 RT: 8.91 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF083425.D
 Acq: 2 Dec 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(6-11)

Tgt Ion:172 Resp: 1839940
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.7 20.4 30.6

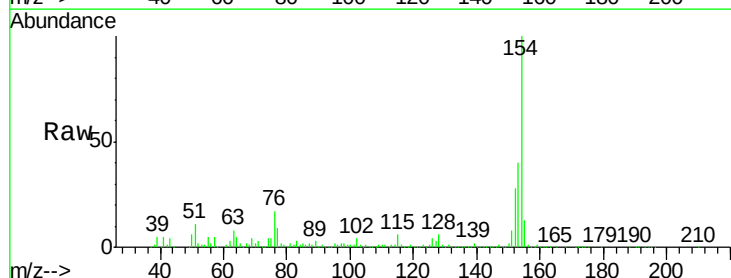


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

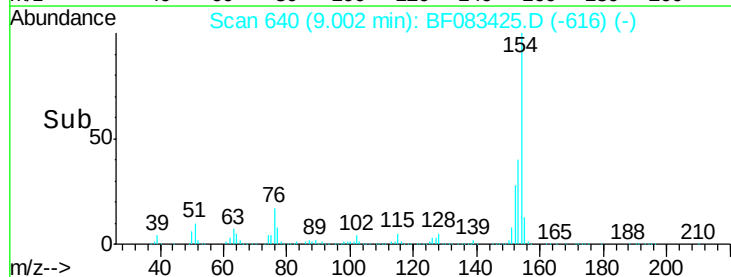
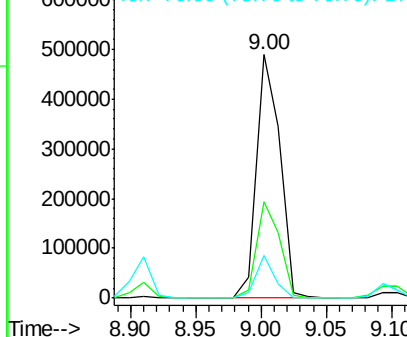


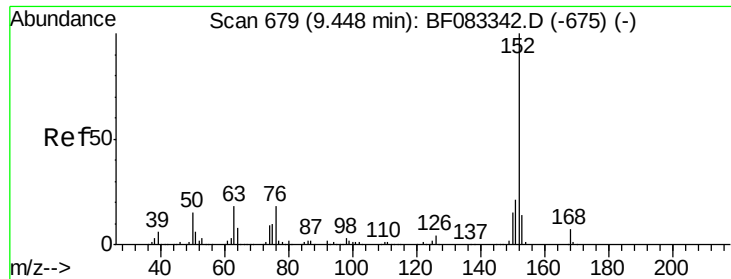
#45
 1,1'-Biphenyl
 Concen: 22.72 ng
 RT: 9.00 min Scan# 640
 Delta R.T. -0.02 min
 Lab File: BF083425.D
 Acq: 2 Dec 2015 18:45

Tgt Ion:154 Resp: 613483
 Ion Ratio Lower Upper
 154 100
 153 39.8 20.6 60.6
 76 17.3 0.0 30.5



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





#48

Acenaphthylene

Concen: 6.18 ng

RT: 9.44 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF083425.D

Acq: 2 Dec 2015 18:45

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(6-11)

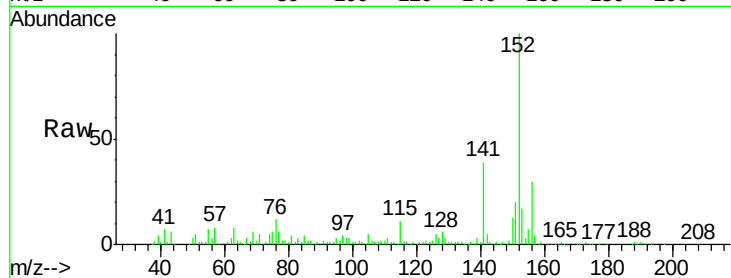
Tgt Ion:152 Resp: 202882

Ion Ratio Lower Upper

152 100

151 19.9 16.7 25.1

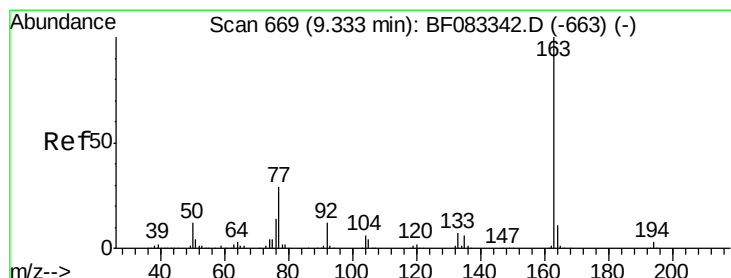
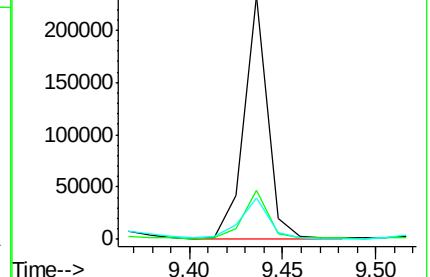
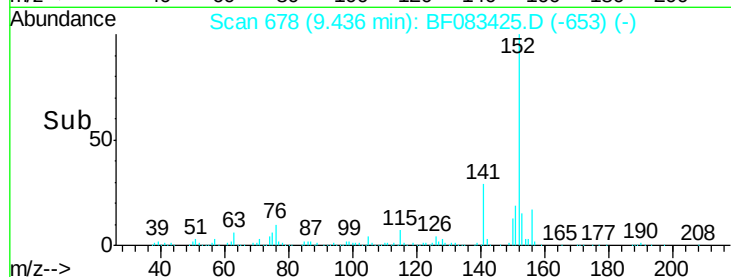
153 16.8 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 7.37 ng

RT: 9.31 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF083425.D

Acq: 2 Dec 2015 18:45

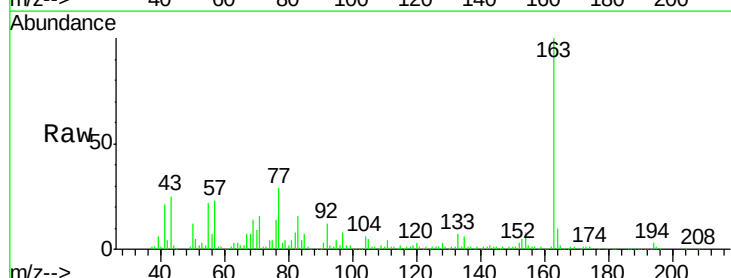
Tgt Ion:163 Resp: 184508

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

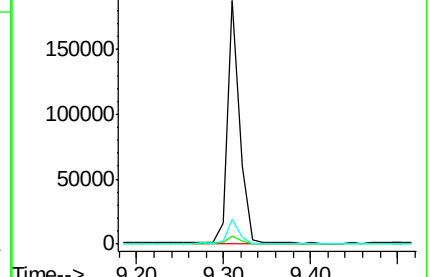
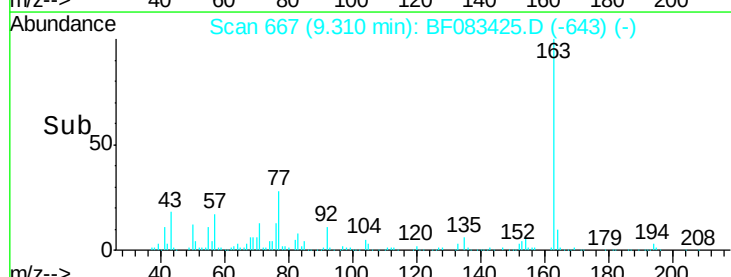
164 10.2 8.8 13.2

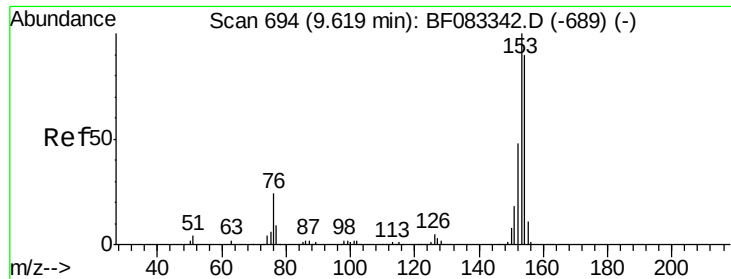


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 96.44 ng

RT: 9.61 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF083425.D

Acq: 2 Dec 2015 18:45

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(6-11)

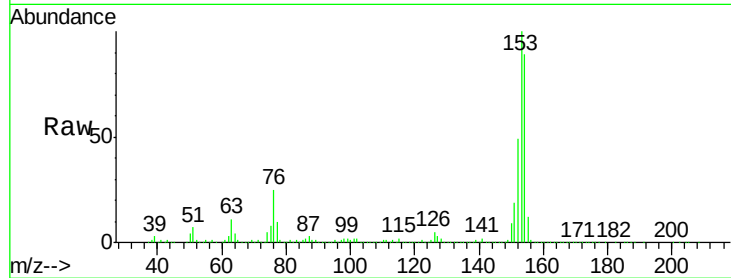
Tgt Ion:154 Resp: 1861588

Ion Ratio Lower Upper

154 100

153 112.6 89.3 133.9

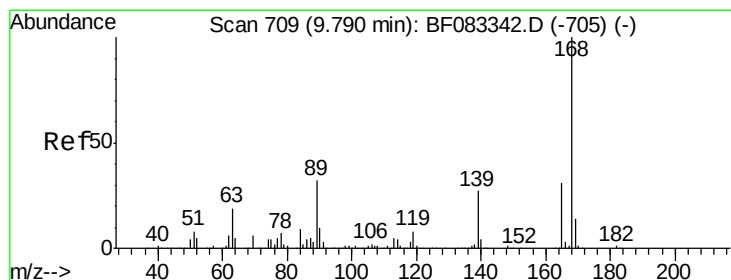
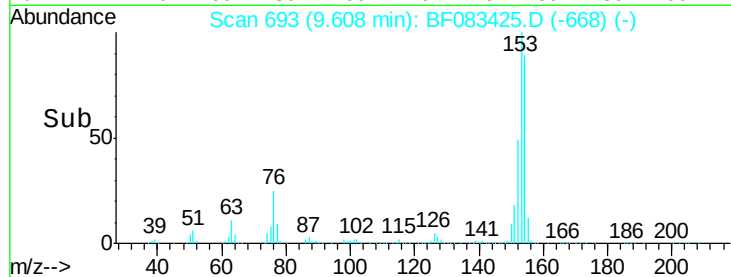
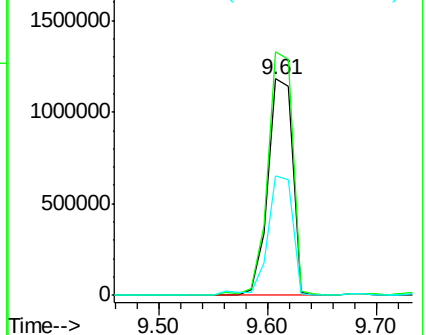
152 55.2 42.5 63.7



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

Dibenzofuran

Concen: 5.58 ng

RT: 9.78 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF083425.D

Acq: 2 Dec 2015 18:45

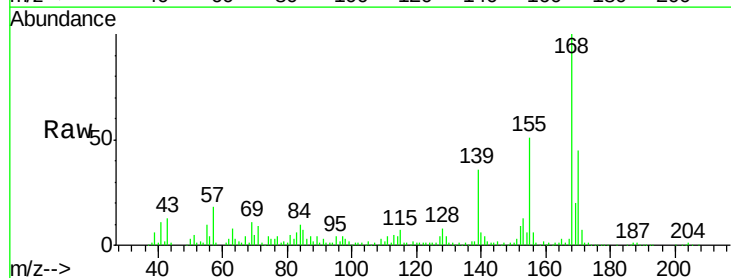
Tgt Ion:168 Resp: 157807

Ion Ratio Lower Upper

168 100

139 36.3 32.7 49.1

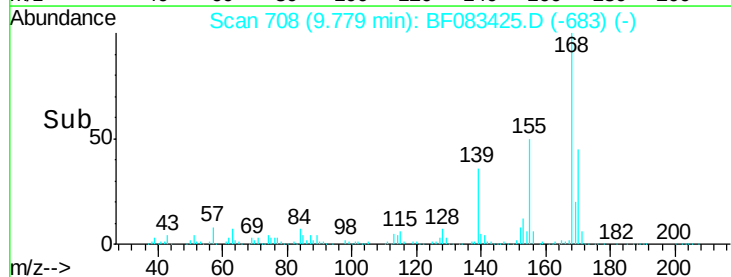
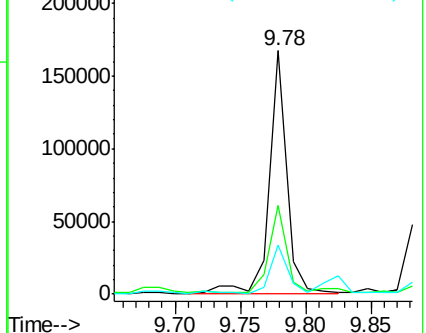
169 20.1 11.1 16.7#

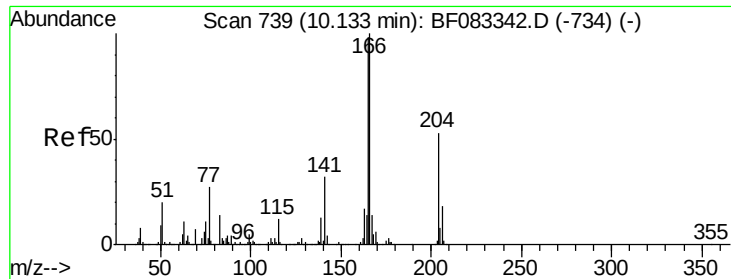


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

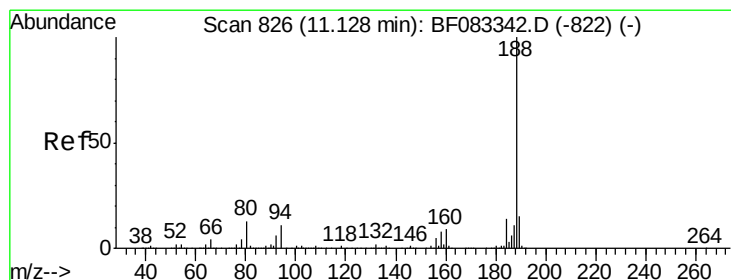
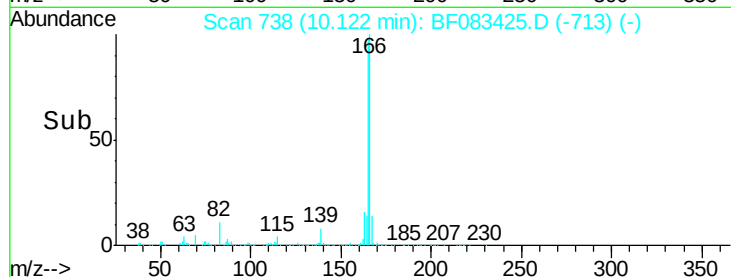
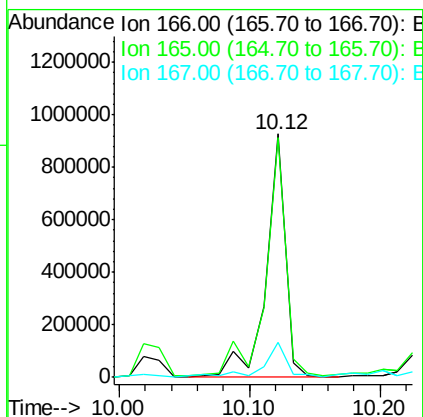
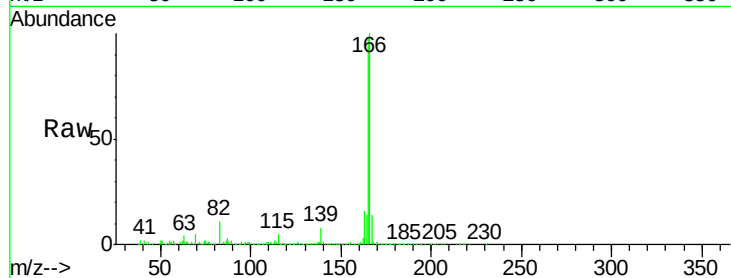




#57
 Fluorene
 Concen: 43.03 ng
 RT: 10.12 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BF083425.D
 Acq: 2 Dec 2015 18:45

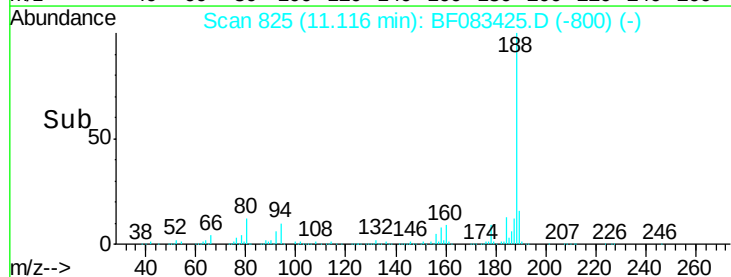
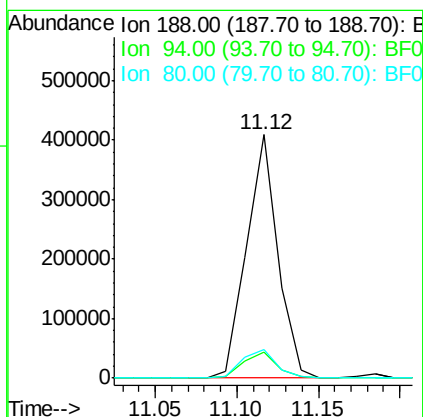
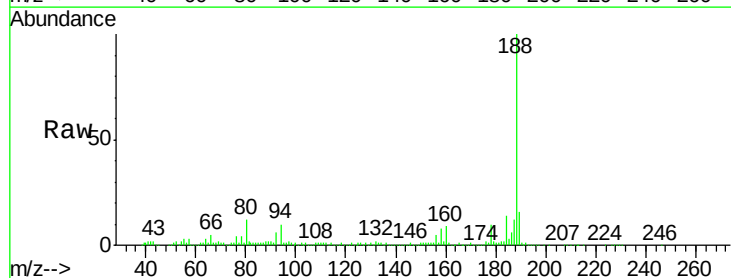
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(6-11)

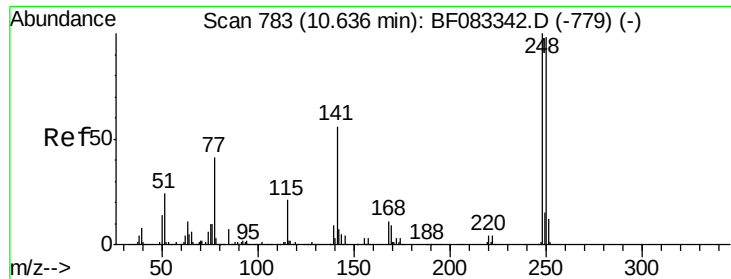
Tgt Ion:166 Resp: 961164
 Ion Ratio Lower Upper
 166 100
 165 98.3 78.3 117.5
 167 14.2 11.1 16.7



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.12 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF083425.D
 Acq: 2 Dec 2015 18:45

Tgt Ion:188 Resp: 542951
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.7 13.1
 80 11.8 10.3 15.5

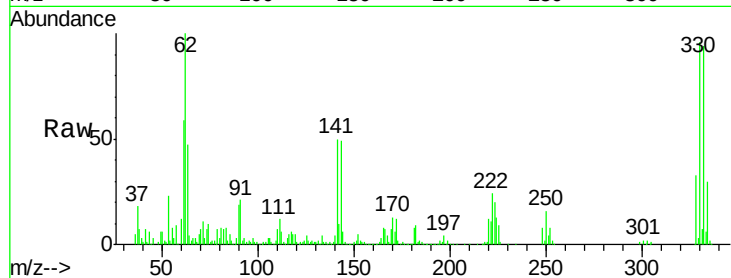




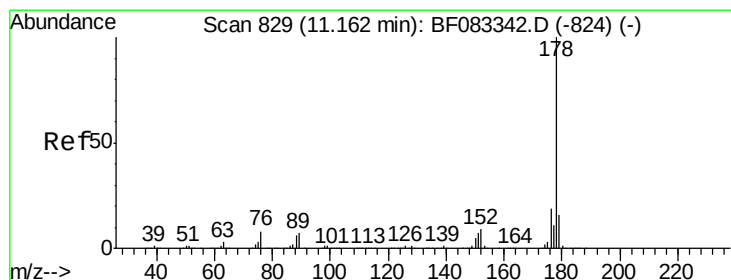
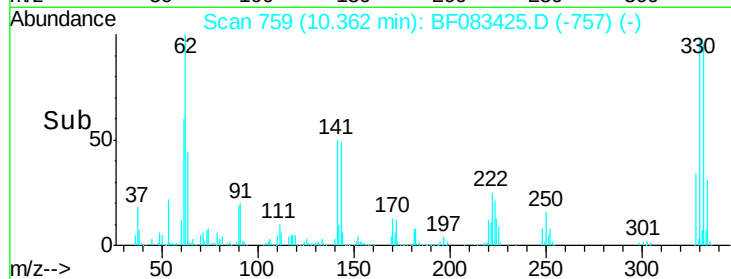
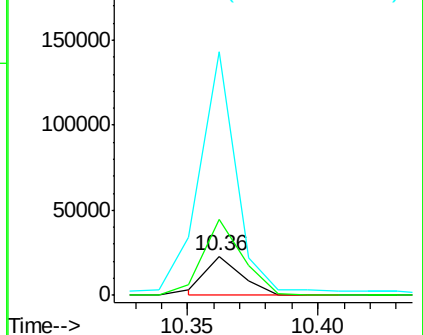
#66
 4-Bromophenyl-phenylether
 Concen: 3.62 ng
 RT: 10.36 min Scan# 759
 Delta R.T. -0.27 min
 Lab File: BF083425.D
 Acq: 2 Dec 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(6-11)

Tgt Ion:248 Resp: 21530
 Ion Ratio Lower Upper
 248 100
 250 195.2 78.6 118.0#
 141 627.4 44.4 66.6#

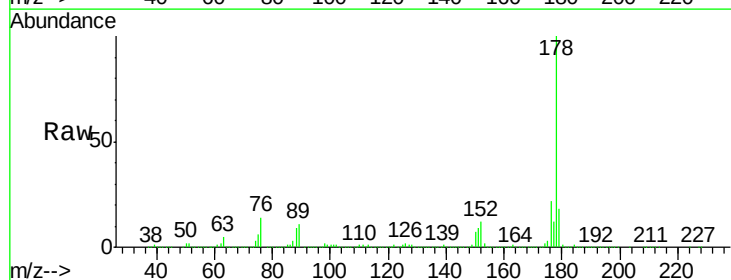


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

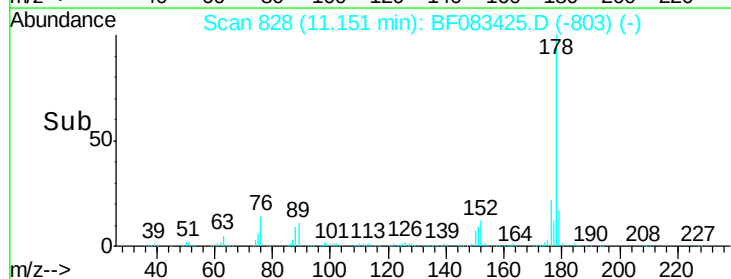
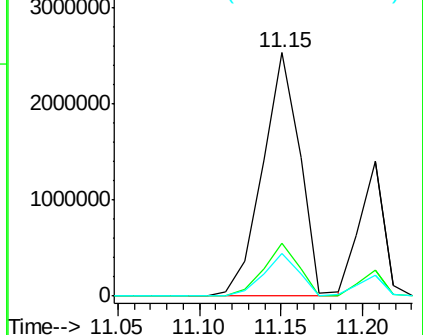


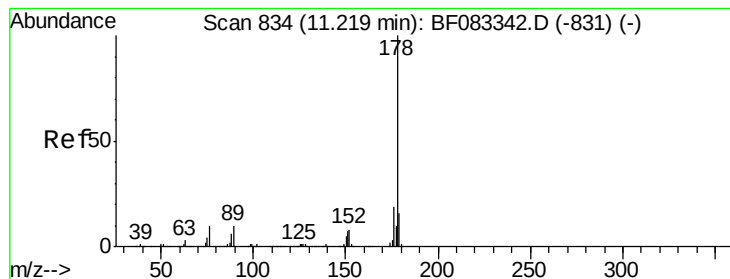
#70
 Phenanthrene
 Concen: 125.49 ng
 RT: 11.15 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF083425.D
 Acq: 2 Dec 2015 18:45

Tgt Ion:178 Resp: 4032084
 Ion Ratio Lower Upper
 178 100
 176 21.9 15.3 22.9
 179 17.6 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





#71

Anthracene

Concen: 46.74 ng

RT: 11.21 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF083425.D

Acq: 2 Dec 2015 18:45

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(6-11)

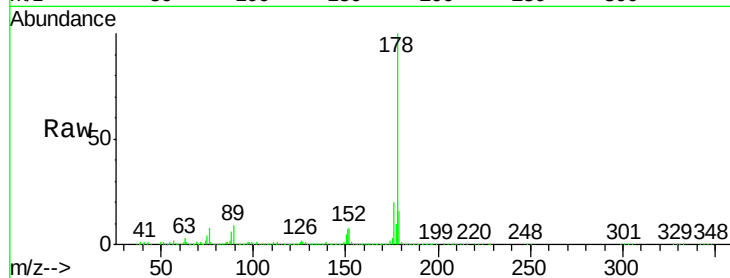
Tgt Ion:178 Resp: 1511806

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

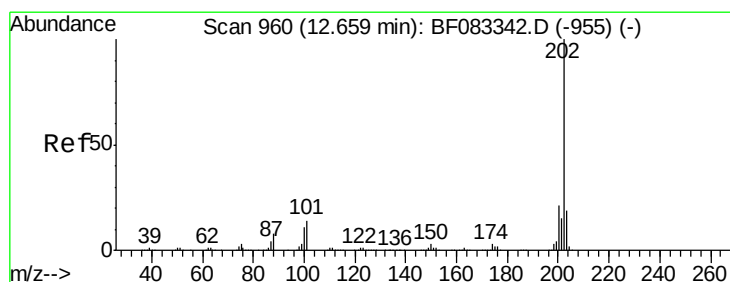
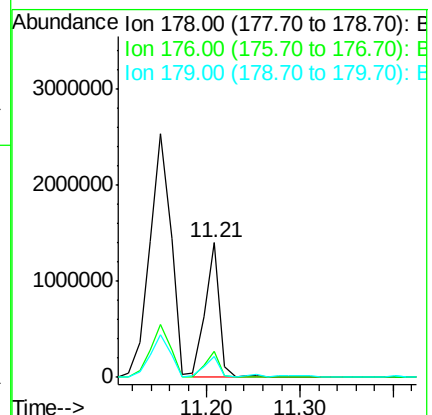
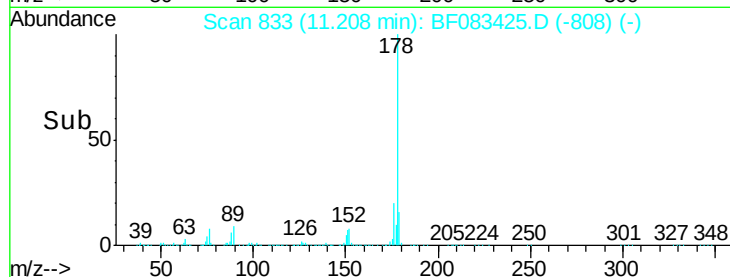
179 16.0 12.8 19.2



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: 59.36 ng

RT: 12.65 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF083425.D

Acq: 2 Dec 2015 18:45

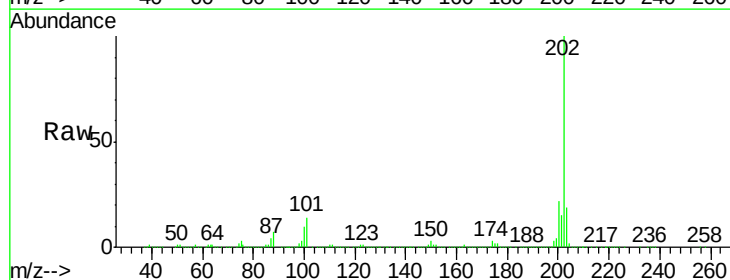
Tgt Ion:202 Resp: 1977218

Ion Ratio Lower Upper

202 100

101 13.8 0.0 34.5

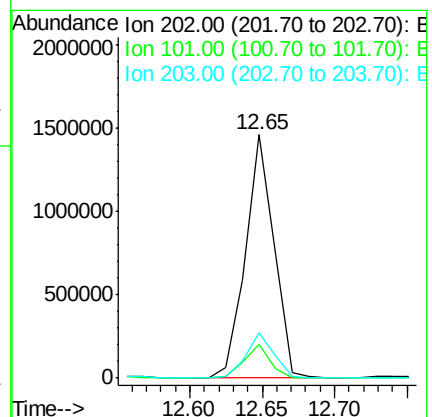
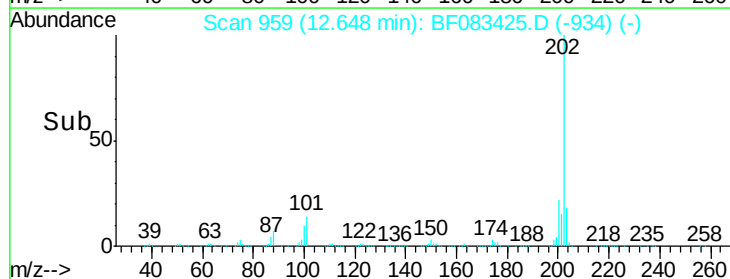
203 18.6 0.0 38.7

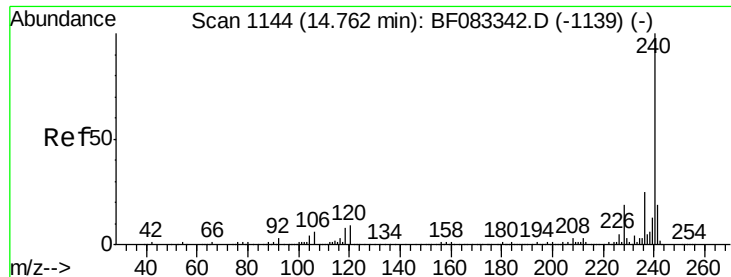


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

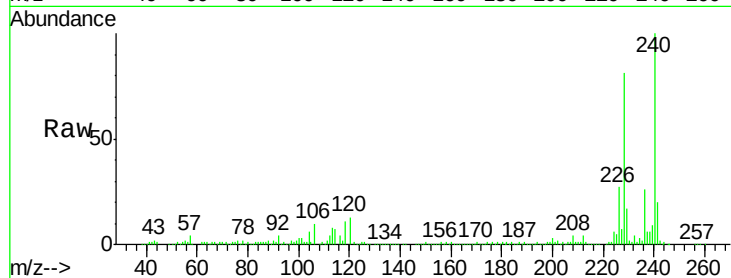




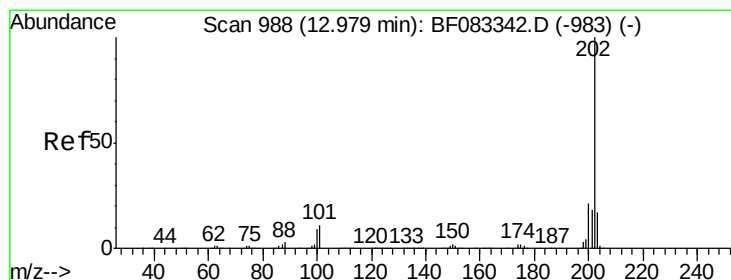
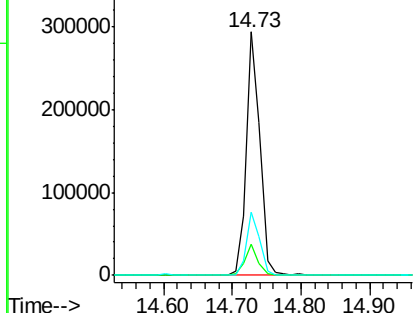
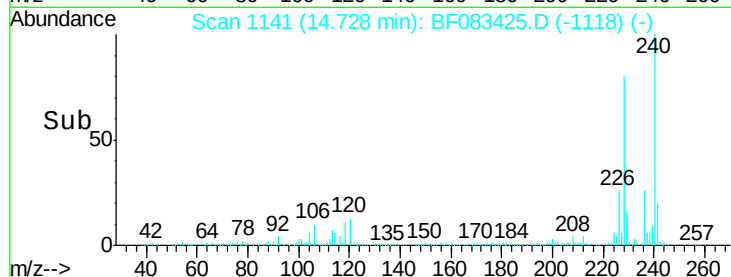
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.73 min Scan# 1141
Delta R.T. -0.03 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)

Tgt Ion:240 Resp: 401174
Ion Ratio Lower Upper
240 100
120 12.7 6.9 10.3#
236 26.1 19.8 29.6

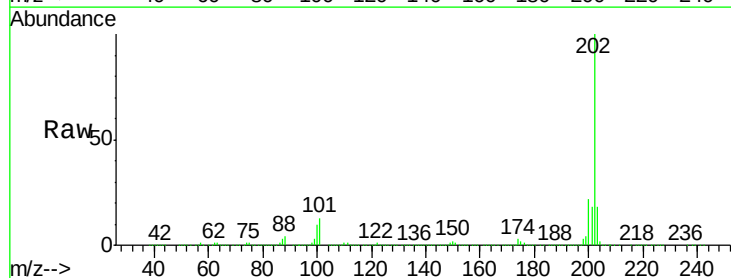


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

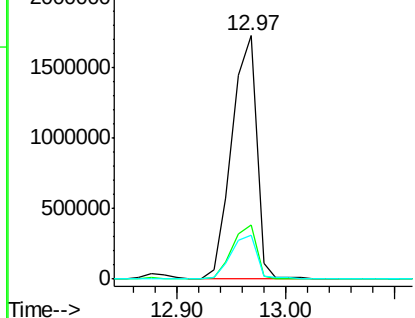
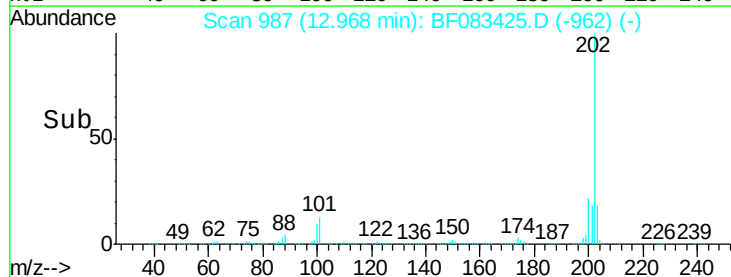


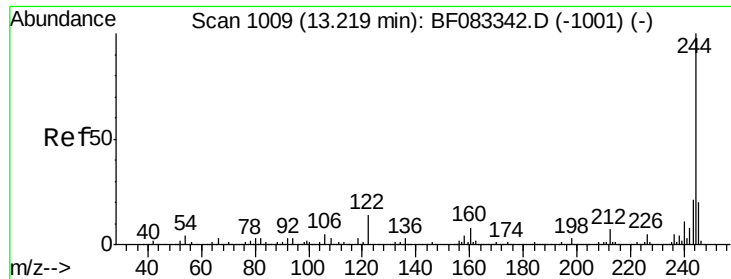
#77
Pyrene
Concen: 96.18 ng
RT: 12.97 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Tgt Ion:202 Resp: 2694740
Ion Ratio Lower Upper
202 100
200 22.1 16.9 25.3
203 18.1 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

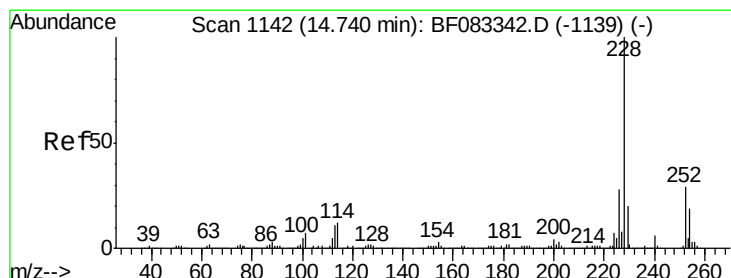
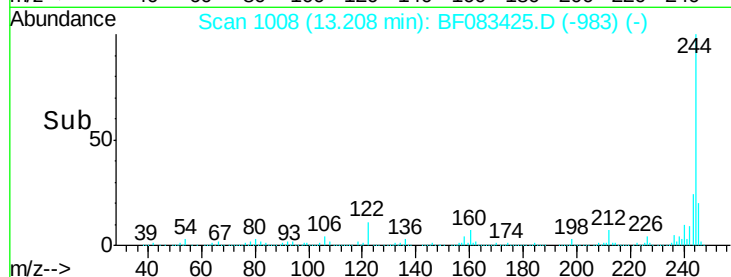
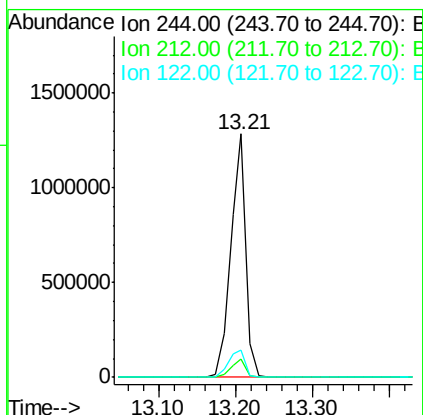
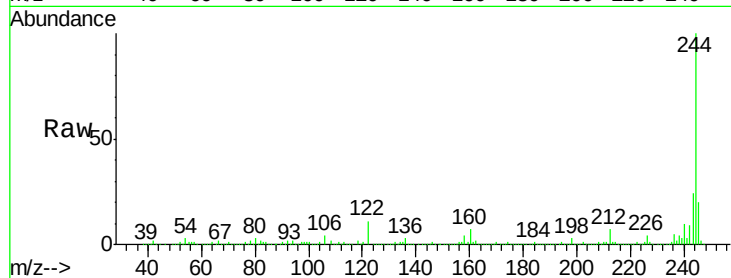




#78
 Terphenyl-d14
 Concen: 105.56 ng
 RT: 13.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF083425.D
 Acq: 2 Dec 2015 18:45

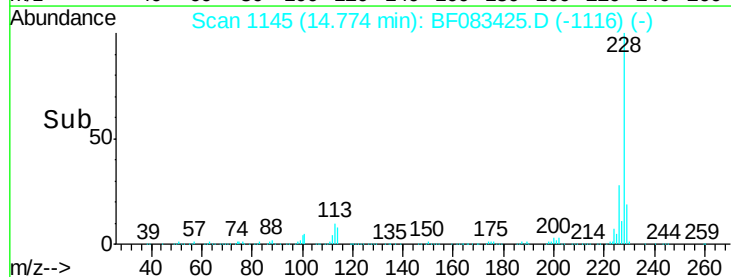
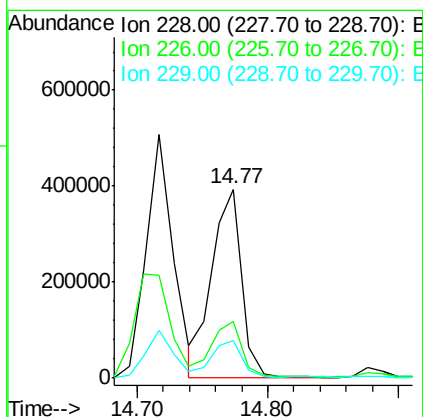
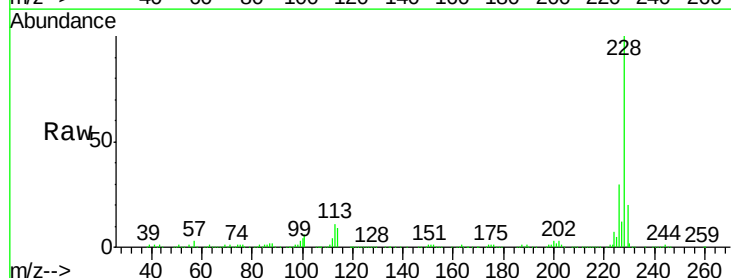
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(6-11)

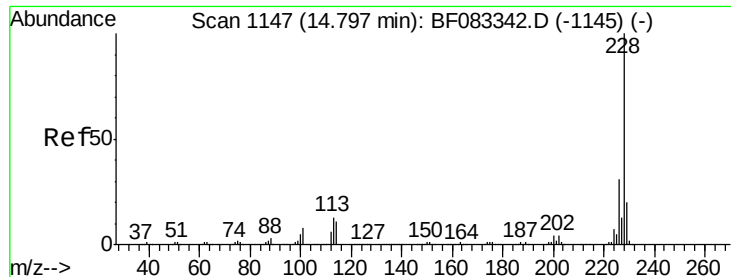
Tgt Ion:244 Resp: 1775788
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 11.3 11.0 16.4



#80
 Benzo(a)anthracene
 Concen: 25.26 ng
 RT: 14.77 min Scan# 1145
 Delta R.T. 0.03 min
 Lab File: BF083425.D
 Acq: 2 Dec 2015 18:45

Tgt Ion:228 Resp: 620876
 Ion Ratio Lower Upper
 228 100
 226 29.7 22.2 33.4
 229 19.7 16.1 24.1





#82

Chrysene

Concen: 26.15 ng

RT: 14.77 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BF083425.D

Acq: 2 Dec 2015 18:45

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(6-11)

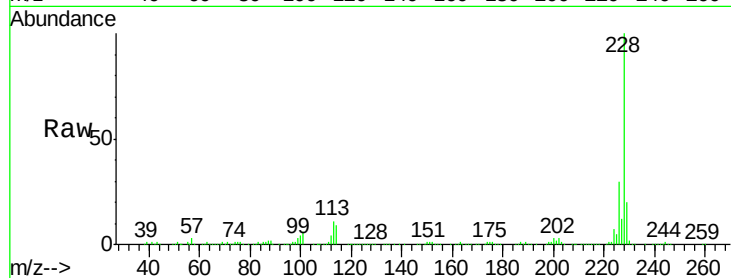
Tgt Ion:228 Resp: 620876

Ion Ratio Lower Upper

228 100

226 29.7 24.6 37.0

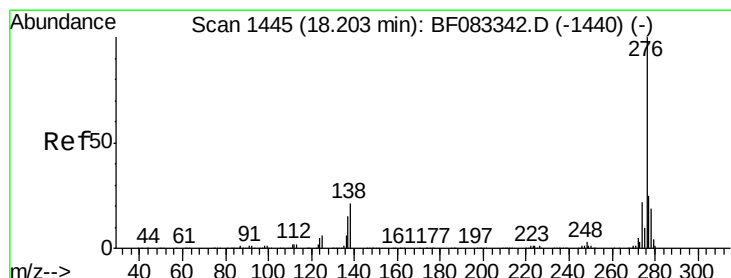
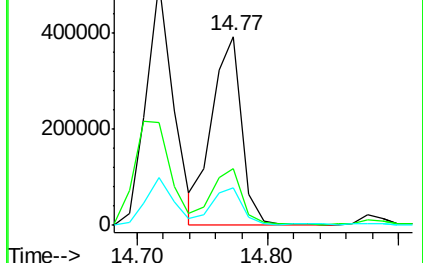
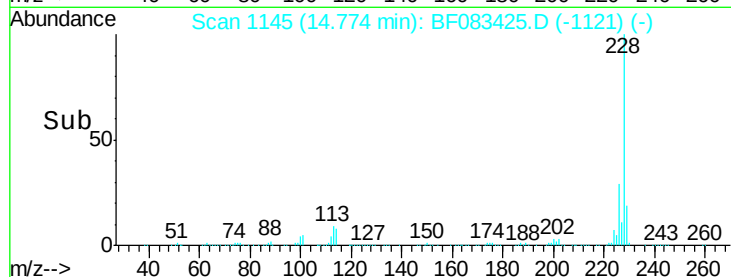
229 19.7 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 4.06 ng

RT: 18.03 min Scan# 1430

Delta R.T. -0.17 min

Lab File: BF083425.D

Acq: 2 Dec 2015 18:45

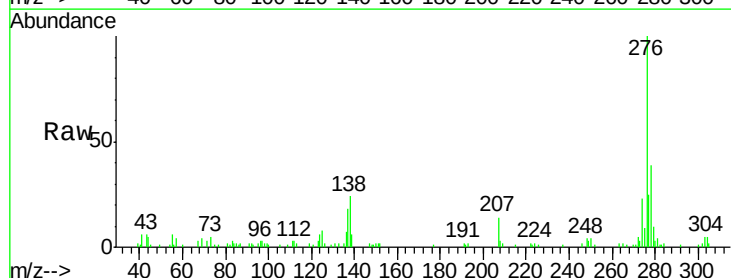
Tgt Ion:276 Resp: 70260

Ion Ratio Lower Upper

276 100

138 24.3 21.2 31.8

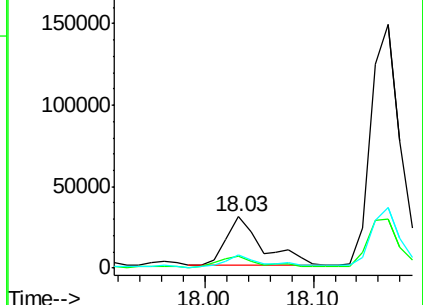
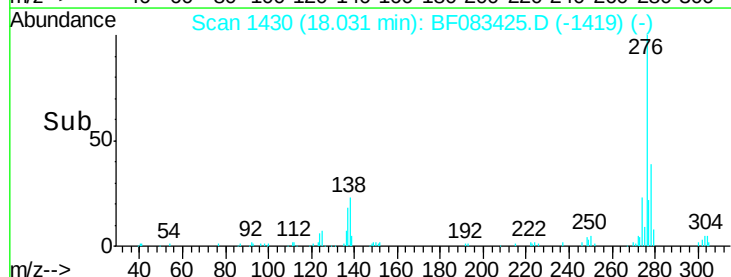
277 27.2 20.0 30.0

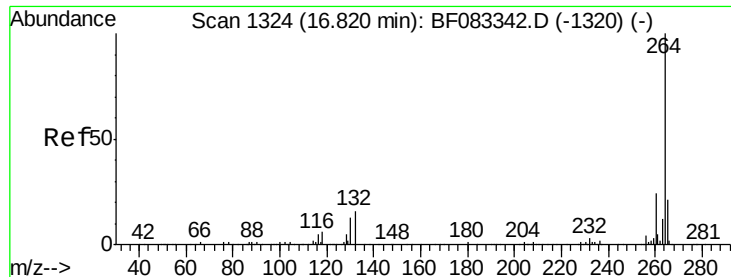


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



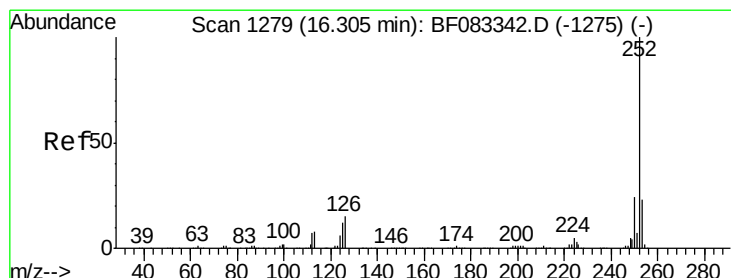
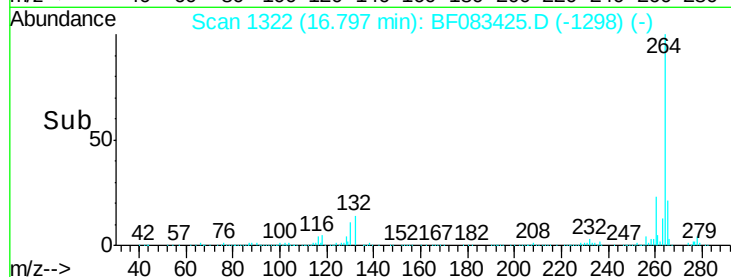
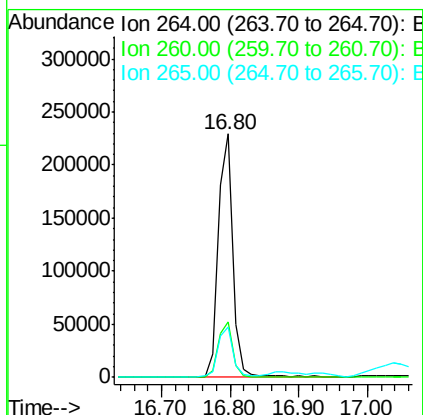
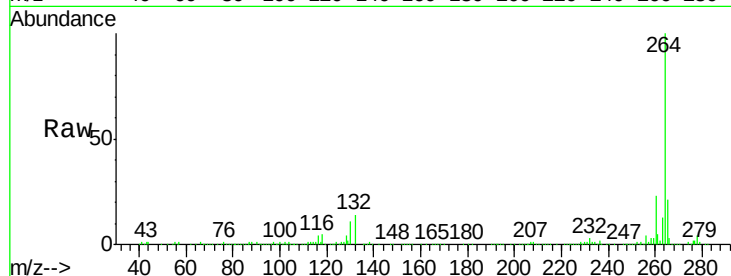


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.80 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)

Tgt Ion: 264 Resp: 346767

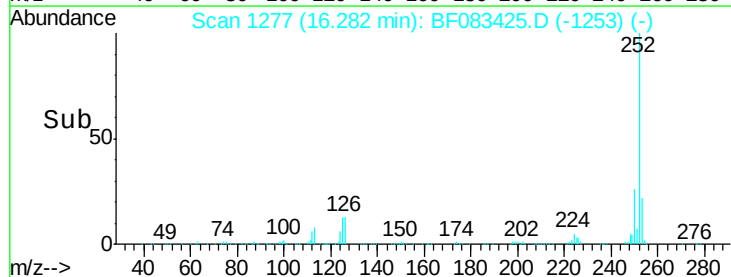
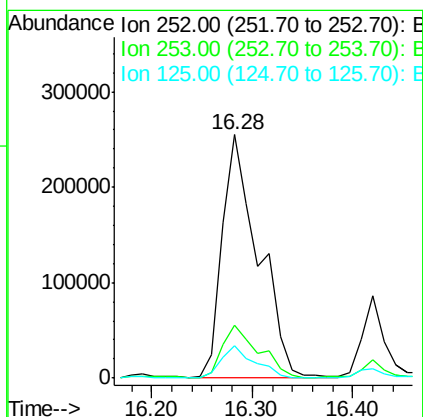
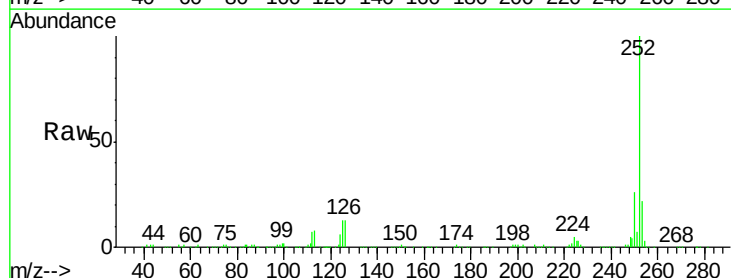
Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.0	28.4
265	20.6	16.8	25.2

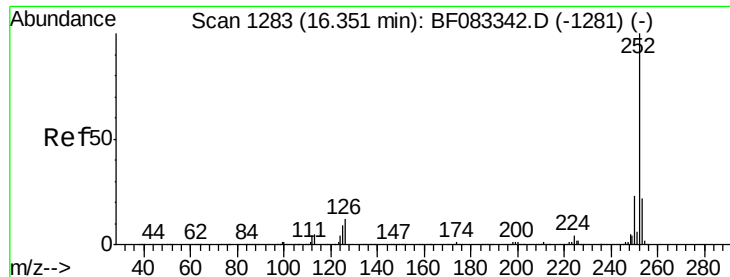


#87
Benzo(b)fluoranthene
Concen: 28.52 ng
RT: 16.28 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Tgt Ion: 252 Resp: 634505

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	13.3	9.6	14.4

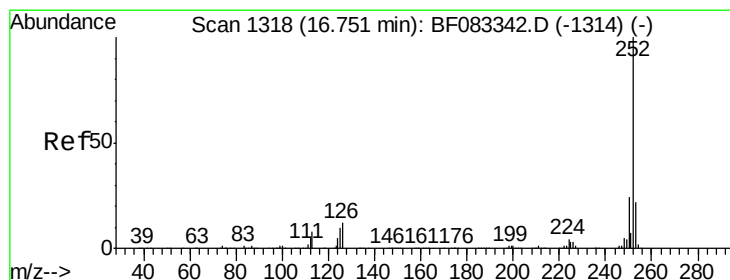
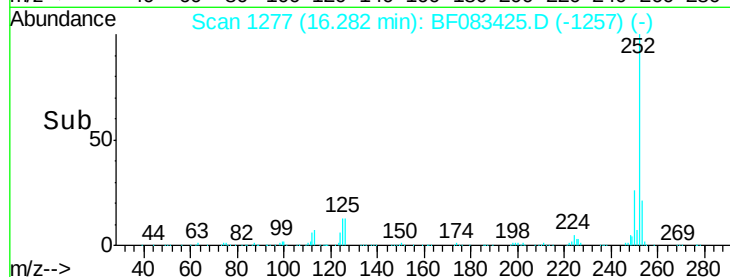
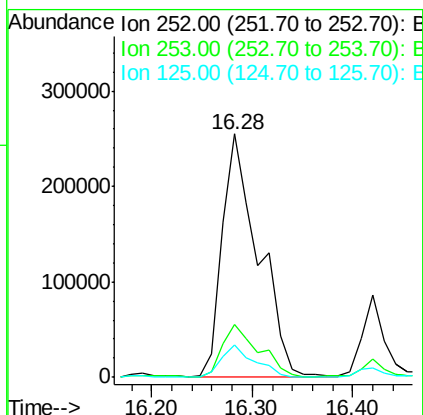
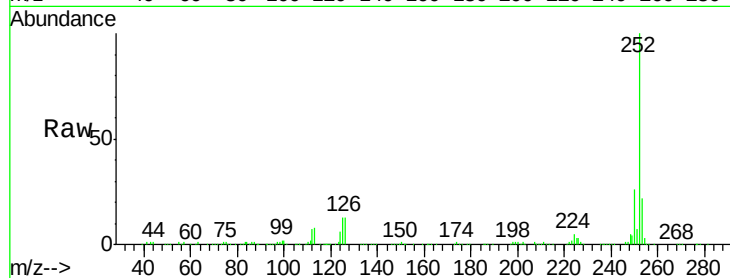




#88
Benzo(k)fluoranthene
Concen: 30.20 ng
RT: 16.28 min Scan# 1277
Delta R.T. -0.07 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

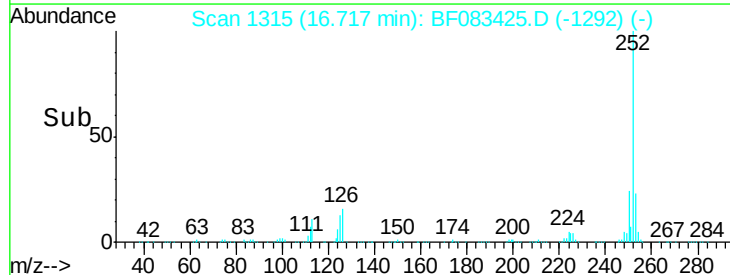
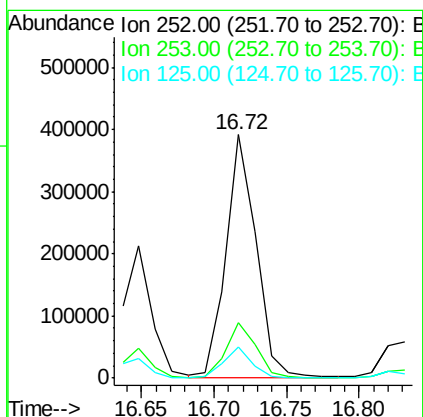
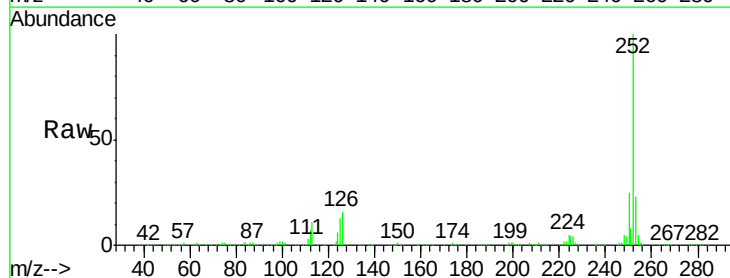
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)

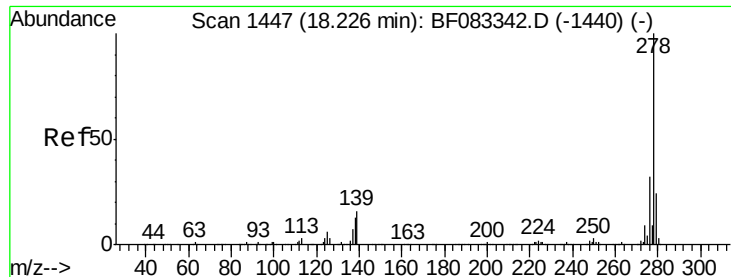
Tgt Ion:252 Resp: 634505
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 13.3 7.5 11.3#



#89
Benzo(a)pyrene
Concen: 29.55 ng
RT: 16.72 min Scan# 1315
Delta R.T. -0.03 min
Lab File: BF083425.D
Acq: 2 Dec 2015 18:45

Tgt Ion:252 Resp: 564724
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 12.8 7.8 11.8#





#90

Dibenzo(a,h)anthracene

Concen: 3.59 ng

RT: 18.19 min Scan# 1444

Delta R.T. -0.03 min

Lab File: BF083425.D

Acq: 2 Dec 2015 18:45

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(6-11)

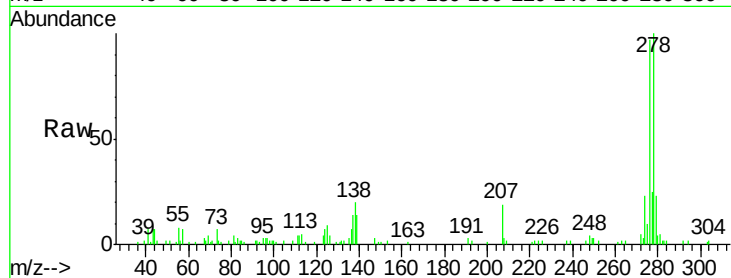
Tgt Ion:278 Resp: 59734

Ion Ratio Lower Upper

278 100

139 14.3 13.1 19.7

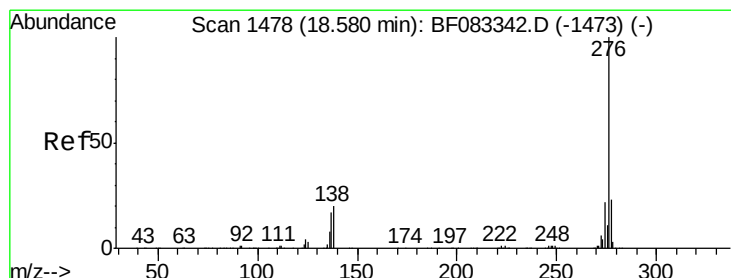
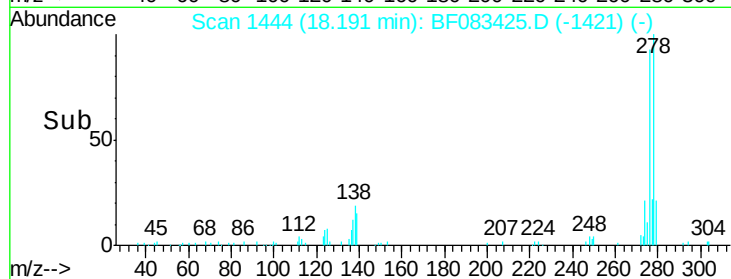
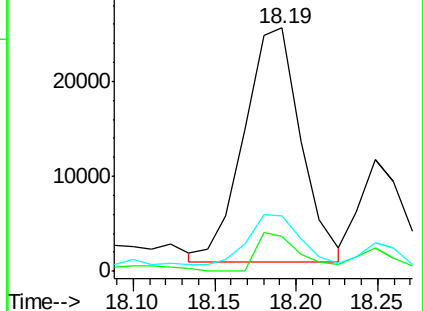
279 23.0 19.2 28.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 20.26 ng

RT: 18.53 min Scan# 1474

Delta R.T. -0.05 min

Lab File: BF083425.D

Acq: 2 Dec 2015 18:45

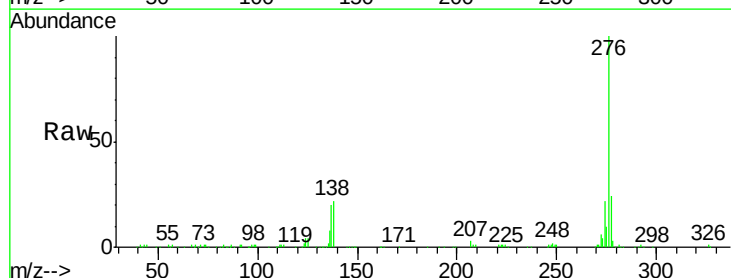
Tgt Ion:276 Resp: 331113

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 22.2 16.1 24.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

