

Data Path : Z:\HPCHEM1\BNA_F\Data\BF041317\
 Data File : BF094425.D
 Acq On : 14 Apr 2017 11:27
 Operator : SJ/MA
 Sample : I2672-03DL 100X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z9-ESW

Quant Time: Apr 14 11:53:53 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 01:21:26 2017
 Response via : Initial Calibration

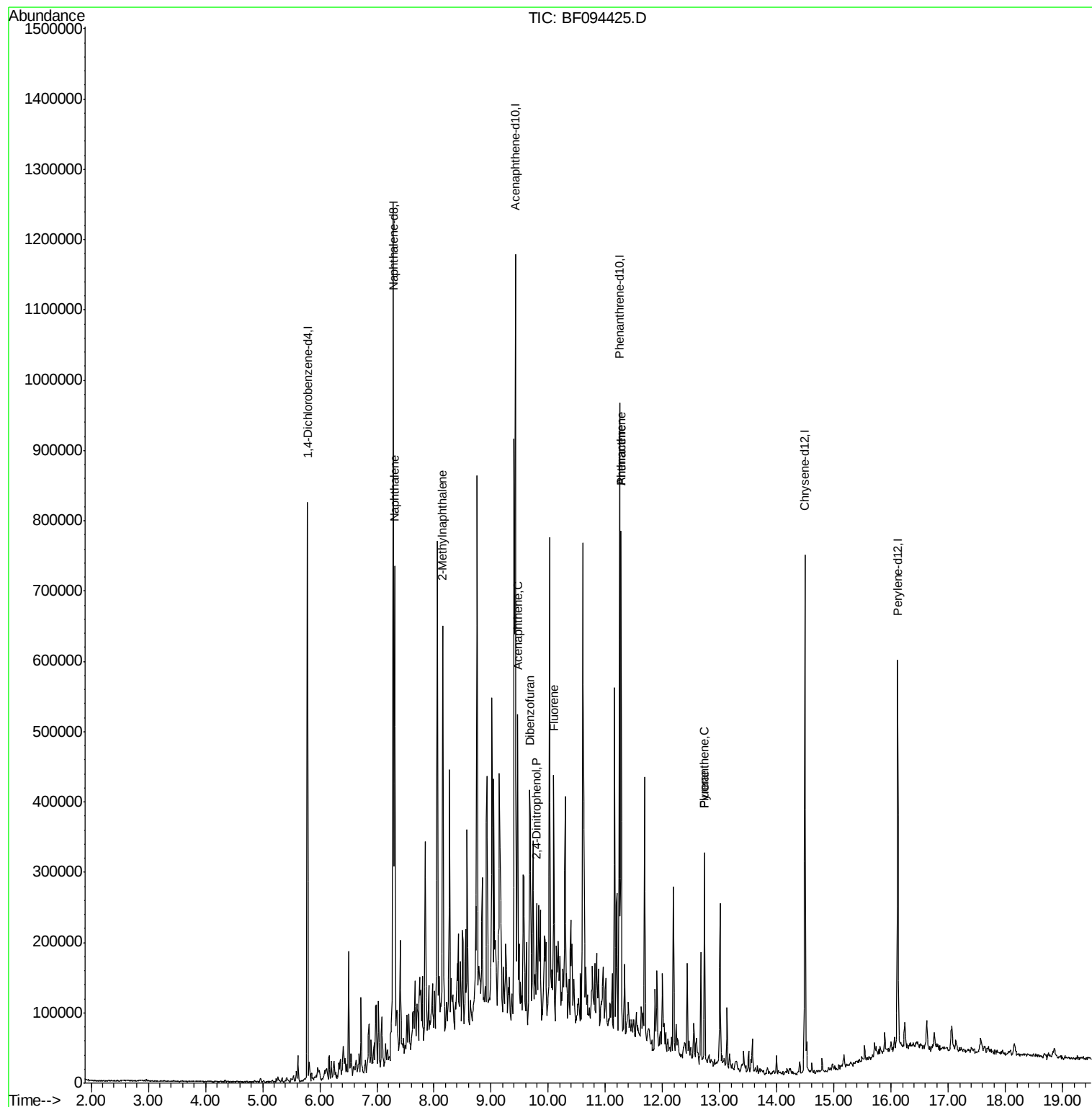
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.79	152	141173	20.00	ng	-0.04
21) Naphthalene-d8	7.29	136	541795	20.00	ng	-0.05
38) Acenaphthene-d10	9.42	164	226456	20.00	ng	-0.05
63) Phenanthrene-d10	11.24	188	346534	20.00	ng	-0.05
75) Chrysene-d12	14.49	240	270105	20.00	ng	-0.06
86) Perylene-d12	16.12	264	210814	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	1071	0.13	ng	-0.04
7) Phenol-d6	5.42	99	1796	0.17	ng	-0.05
23) Nitrobenzene-d5	6.43	82	1985	0.21	ng	-0.06
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	8.60	172	2653	0.18	ng	-0.05
78) Terphenyl-d14	13.22	244	2040	0.17	ng	-0.06
Target Compounds						
31) Naphthalene	7.31	128	131774	5.06	ng	98
37) 2-Methylnaphthalene	8.15	142	167223	9.63	ng	98
51) Acenaphthene	9.46	154	79008	5.70	ng	96
53) 2,4-Dinitrophenol	9.80	184	766	5.03	ng	# 42
54) Dibenzofuran	9.67	168	82735	4.38	ng	98
57) Fluorene	10.10	166	83870	5.36	ng	100
70) Phenanthrene	11.27	178	284459	14.76	ng	98
71) Anthracene	11.27	178	284459	14.33	ng	98
74) Fluoranthene	12.73	202	125821	6.37	ng	97
77) Pyrene	12.73	202	83602	4.26	ng	97

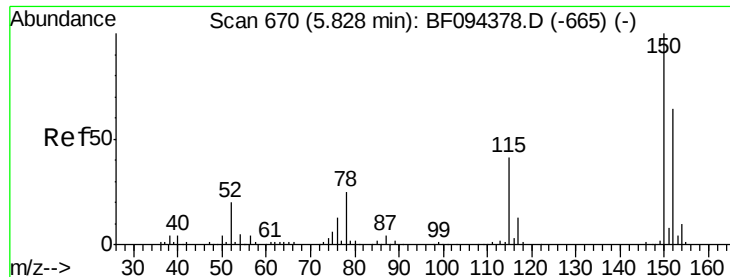
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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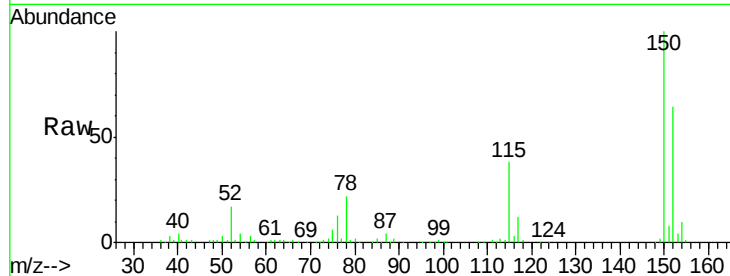




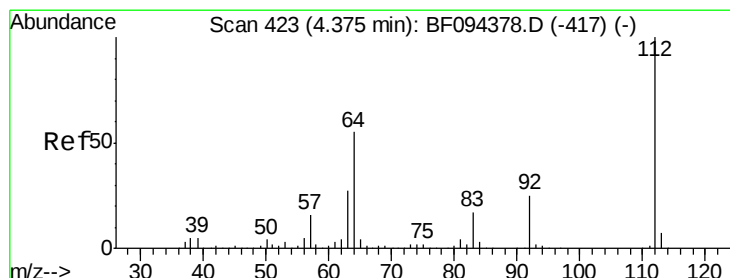
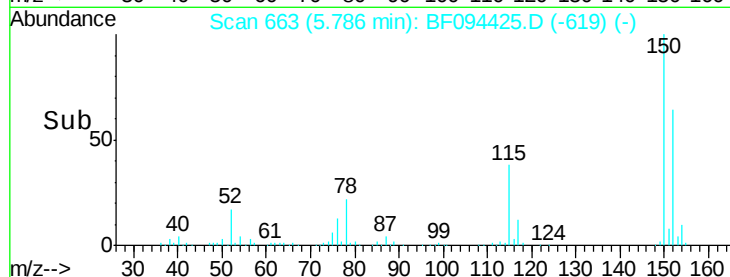
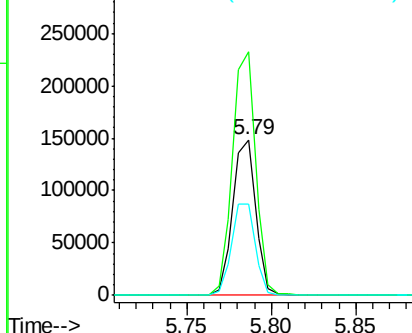
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.79 min Scan# 663
 Delta R.T. -0.04 min
 Lab File: BF094425.D
 Acq: 14 Apr 2017 11:27

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z9-ESW

Tgt Ion:152 Resp: 141173
 Ion Ratio Lower Upper
 152 100
 150 156.6 126.2 189.2
 115 59.0 52.2 78.2

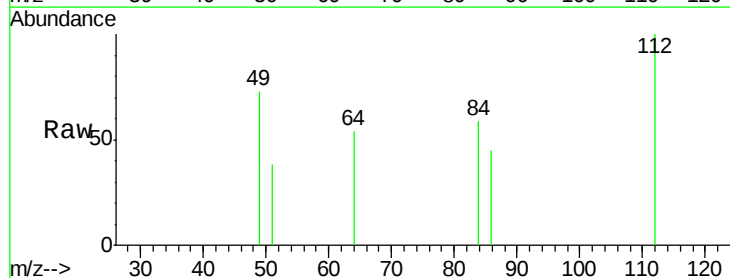


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

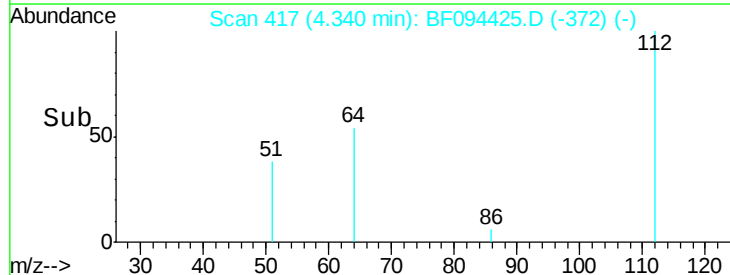
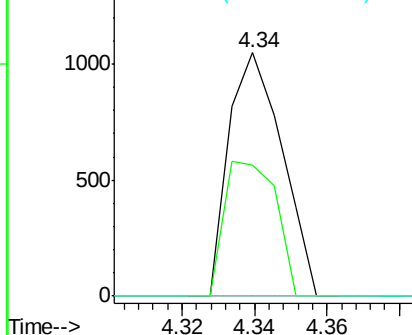


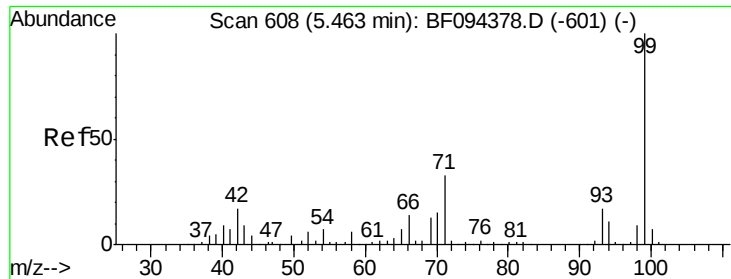
#5
 2-Fluorophenol
 Concen: 0.13 ng
 RT: 4.34 min Scan# 417
 Delta R.T. -0.04 min
 Lab File: BF094425.D
 Acq: 14 Apr 2017 11:27

Tgt Ion:112 Resp: 1071
 Ion Ratio Lower Upper
 112 100
 64 54.1 46.0 69.0
 63 0.0 23.4 35.0#



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: 0.17 ng

RT: 5.42 min Scan# 600

Delta R.T. -0.05 min

Lab File: BF094425.D

Acq: 14 Apr 2017 11:27

Instrument :

BNA_F

ClientSampleId :

E2-Z9-ESW

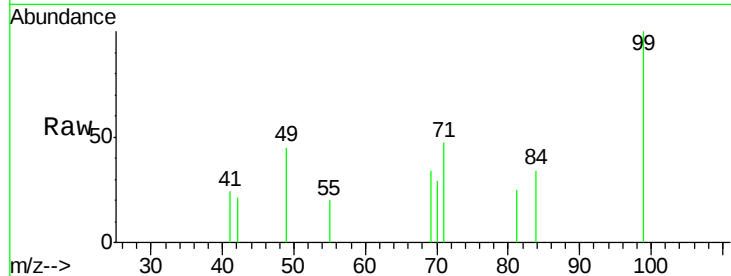
Tgt Ion: 99 Resp: 1796

Ion Ratio Lower Upper

99 100

42 21.4 13.5 20.3#

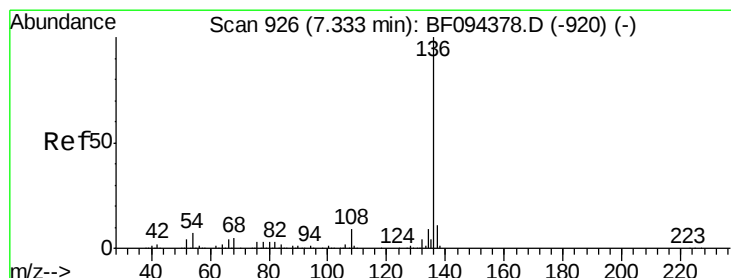
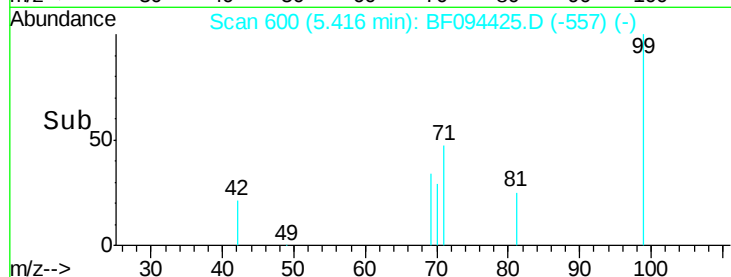
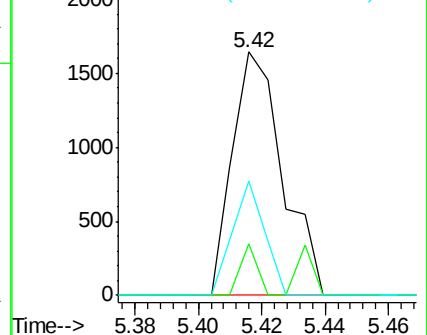
71 46.9 24.5 36.7#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.29 min Scan# 918

Delta R.T. -0.05 min

Lab File: BF094425.D

Acq: 14 Apr 2017 11:27

Tgt Ion: 136 Resp: 541795

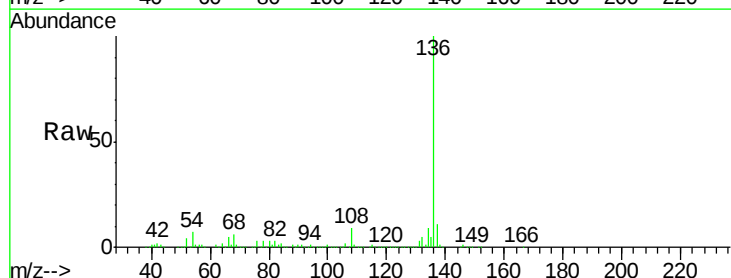
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.4 4.9 7.3#

68 6.2 4.1 6.1#

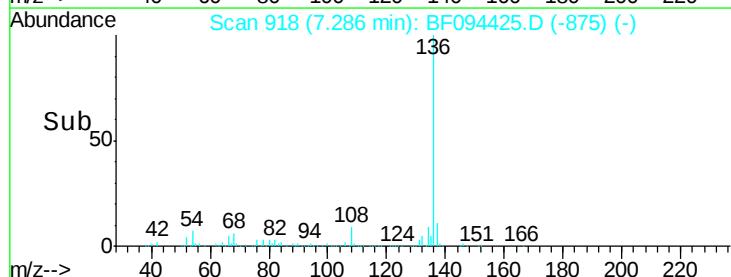
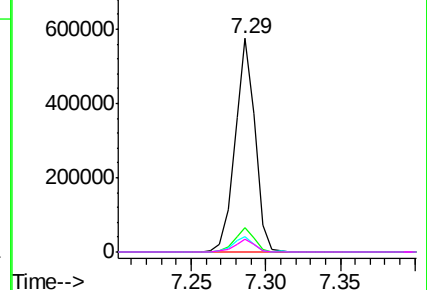


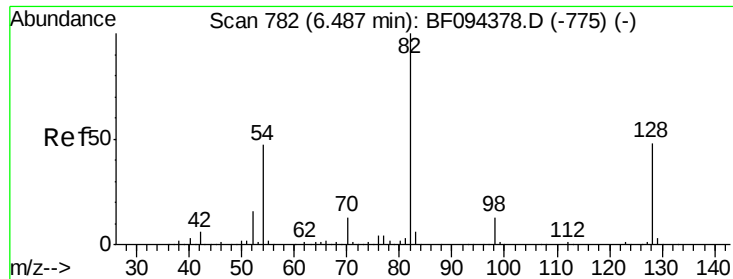
Abundance Ion 136.00 (135.70 to 136.70): E

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

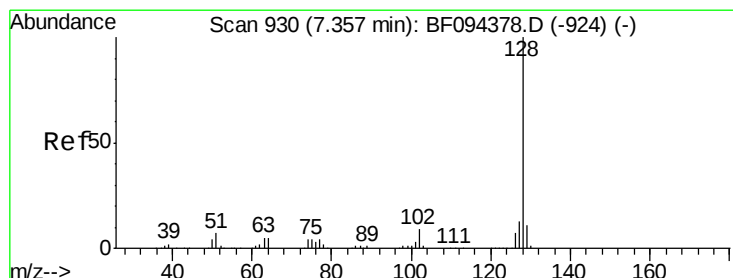
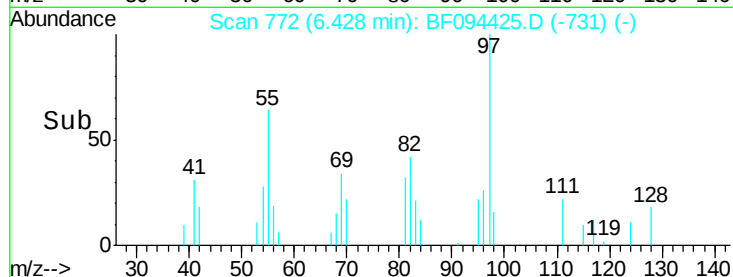
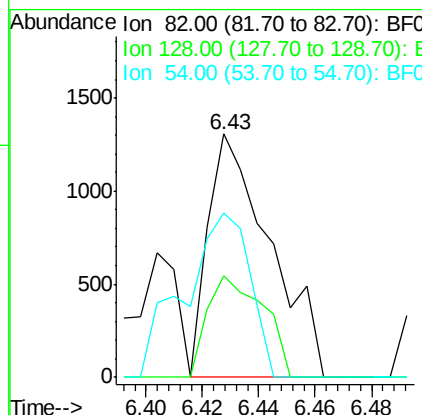
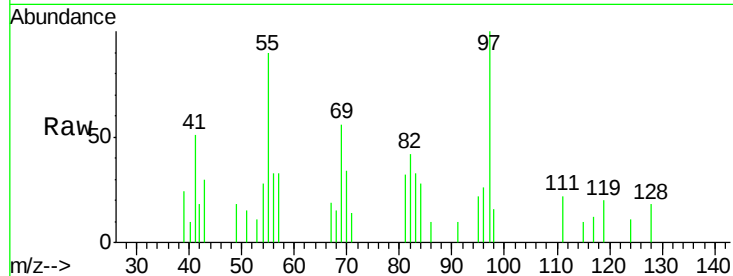




#23
 Nitrobenzene-d5
 Concen: 0.21 ng
 RT: 6.43 min Scan# 772
 Delta R.T. -0.06 min
 Lab File: BF094425.D
 Acq: 14 Apr 2017 11:27

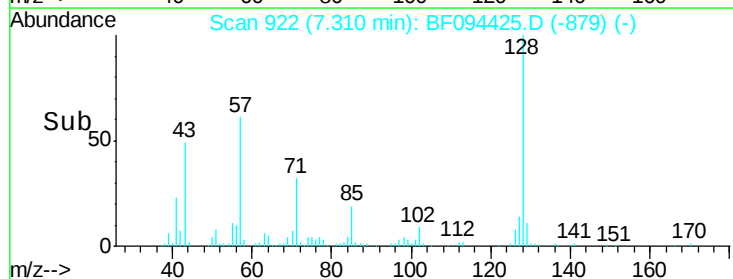
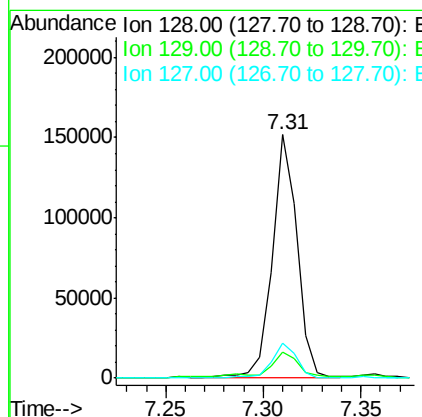
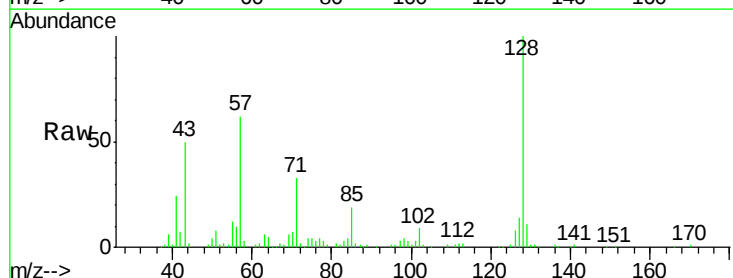
Instrument :
 BNA_F
 ClientSampleId :
 E2-Z9-ESW

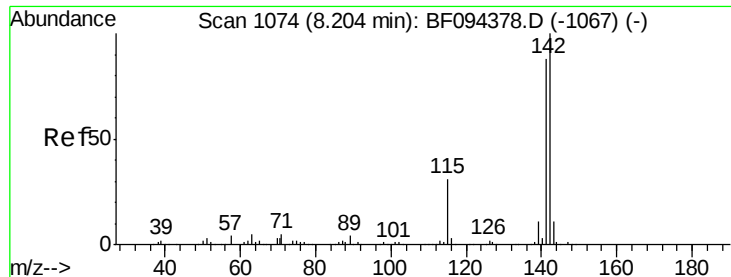
Tgt Ion: 82 Resp: 1985
 Ion Ratio Lower Upper
 82 100
 128 41.6 34.0 51.0
 54 67.4 42.2 63.2#



#31
 Naphthalene
 Concen: 5.06 ng
 RT: 7.31 min Scan# 922
 Delta R.T. -0.05 min
 Lab File: BF094425.D
 Acq: 14 Apr 2017 11:27

Tgt Ion: 128 Resp: 131774
 Ion Ratio Lower Upper
 128 100
 129 10.5 9.0 13.6
 127 14.4 10.8 16.2

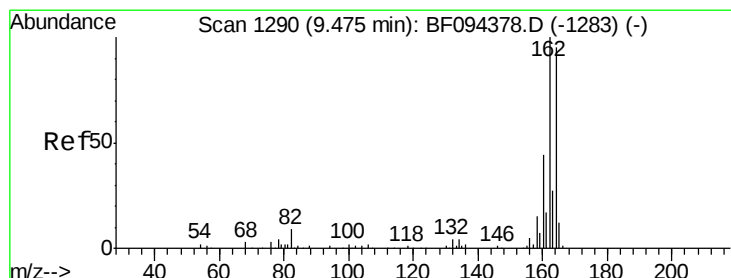
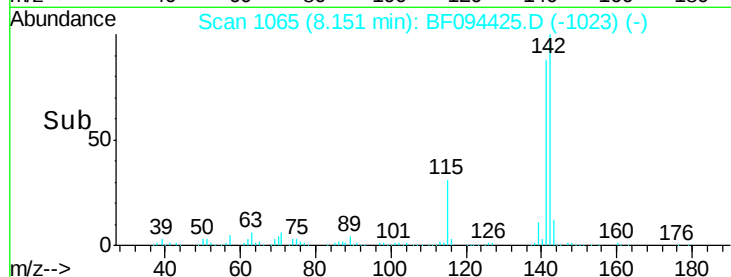
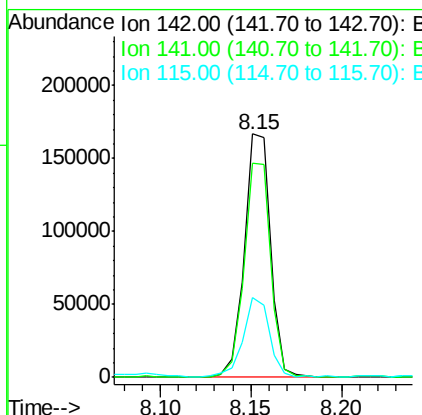
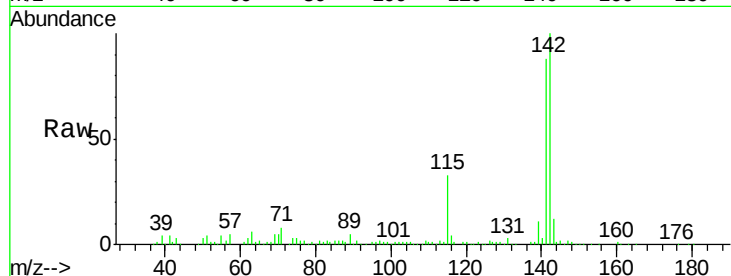




#37
 2-Methylnaphthalene
 Concen: 9.63 ng
 RT: 8.15 min Scan# 1065
 Delta R.T. -0.05 min
 Lab File: BF094425.D
 Acq: 14 Apr 2017 11:27

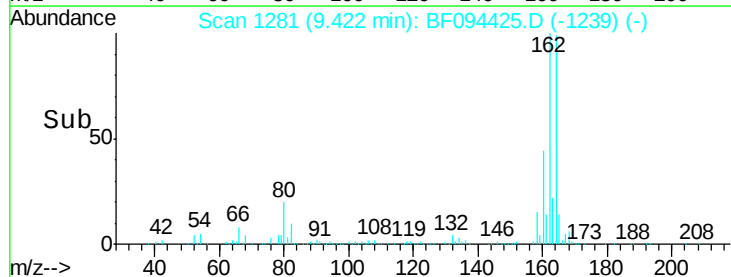
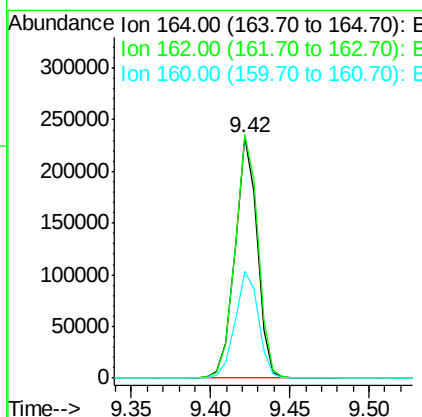
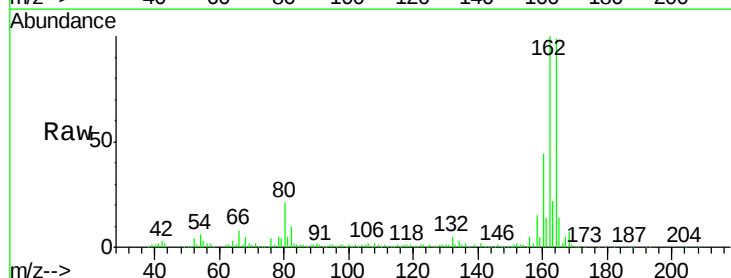
Instrument :
 BNA_F
 ClientSampleId :
 E2-Z9-ESW

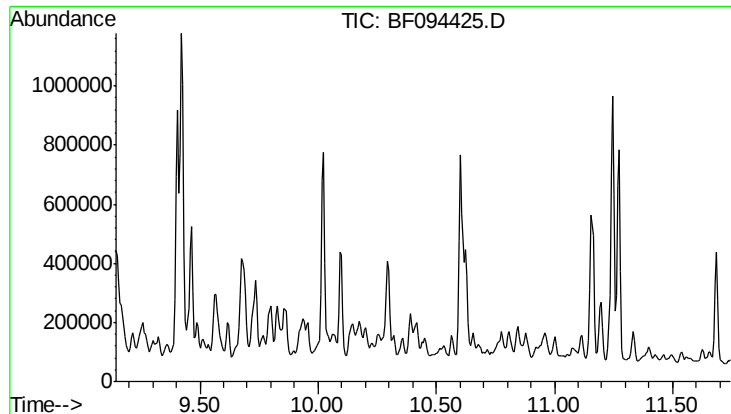
Tgt Ion:142 Resp: 167223
 Ion Ratio Lower Upper
 142 100
 141 87.8 71.3 106.9
 115 32.6 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.42 min Scan# 1281
 Delta R.T. -0.05 min
 Lab File: BF094425.D
 Acq: 14 Apr 2017 11:27

Tgt Ion:164 Resp: 226456
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.6 123.8
 160 44.1 36.2 54.2

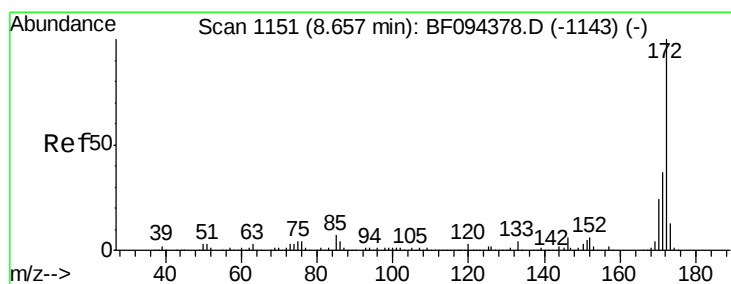
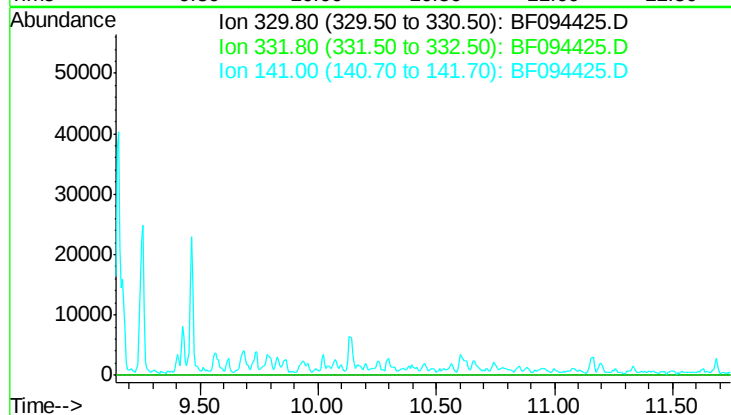




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.45 min
 Lab File: BF094425.D
 Acq: 14 Apr 2017 11:27

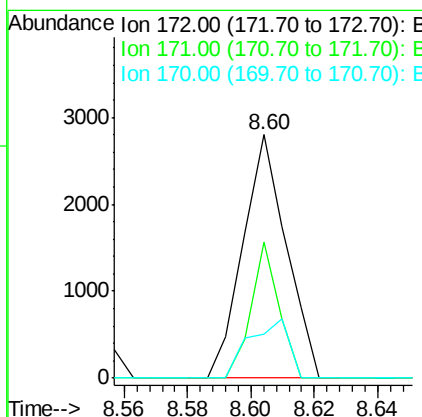
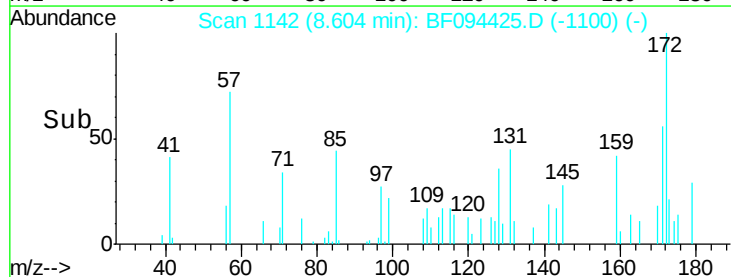
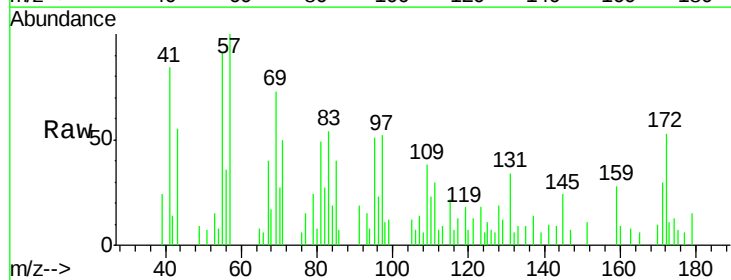
Instrument :
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 ClientSampleId :
 E2-Z9-ESW

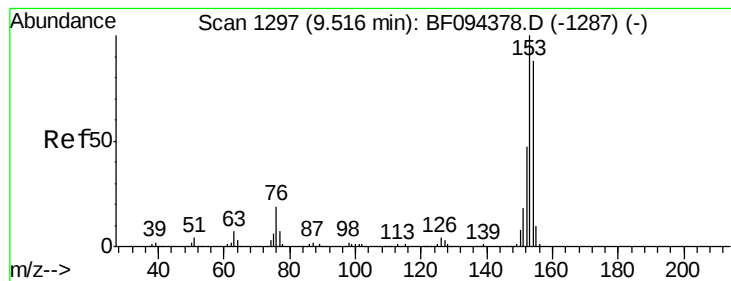
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 95.8
 141 39.3



#44
 2-Fluorobiphenyl
 Concen: 0.18 ng
 RT: 8.60 min Scan# 1142
 Delta R.T. -0.05 min
 Lab File: BF094425.D
 Acq: 14 Apr 2017 11:27

Tgt Ion: 172 Resp: 2653
 Ion Ratio Lower Upper
 172 100
 171 55.7 29.6 44.4#
 170 18.3 19.8 29.8#





#51

Acenaphthene

Concen: 5.70 ng

RT: 9.46 min Scan# 1288

Delta R.T. -0.05 min

Lab File: BF094425.D

Acq: 14 Apr 2017 11:27

Instrument :

BNA_F

ClientSampleId :

E2-Z9-ESW

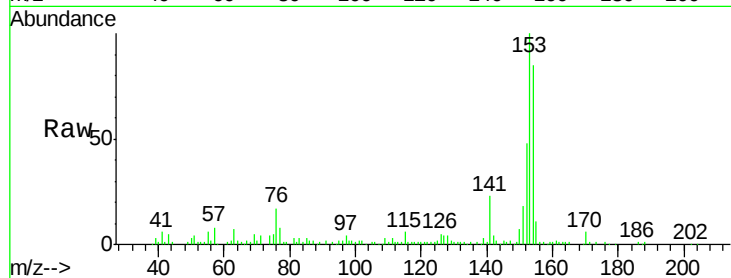
Tgt Ion:154 Resp: 79008

Ion Ratio Lower Upper

154 100

153 118.1 90.5 135.7

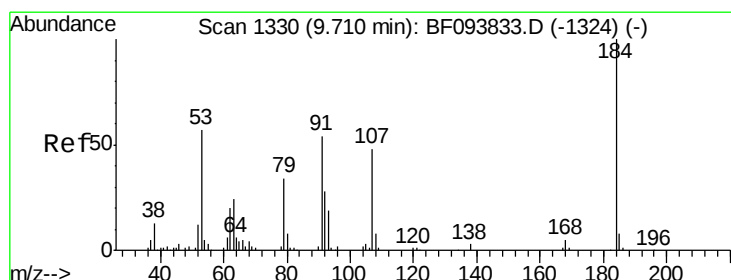
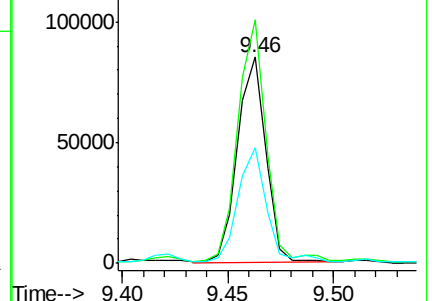
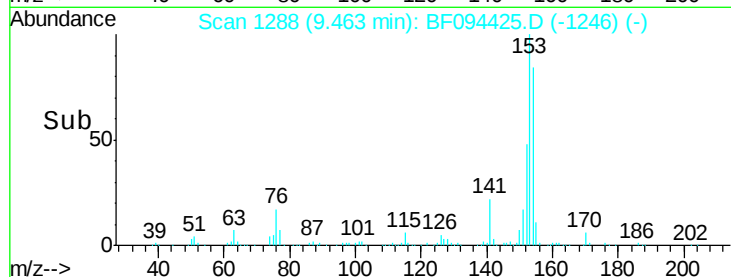
152 56.3 43.6 65.4



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



#53

2,4-Dinitrophenol

Concen: 5.03 ng

RT: 9.80 min Scan# 1345

Delta R.T. 0.21 min

Lab File: BF094425.D

Acq: 14 Apr 2017 11:27

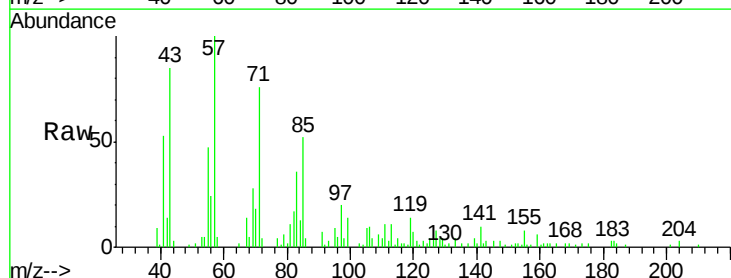
Tgt Ion:184 Resp: 766

Ion Ratio Lower Upper

184 100

63 0.0 62.7 94.1#

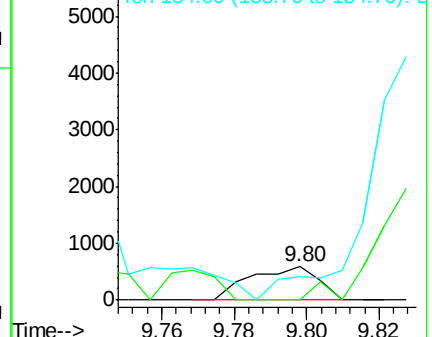
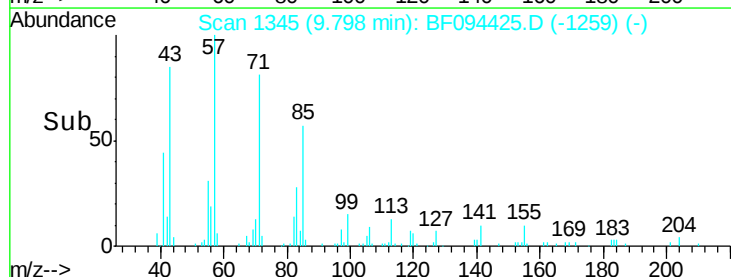
154 68.0 81.1 121.7#

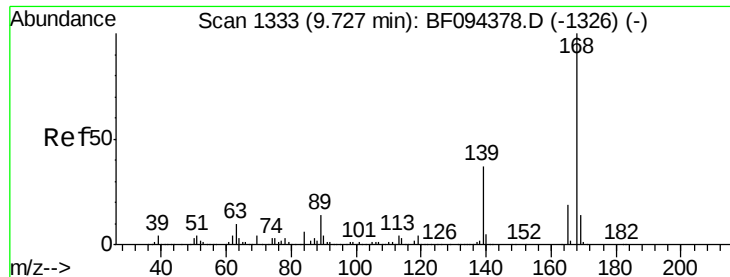


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

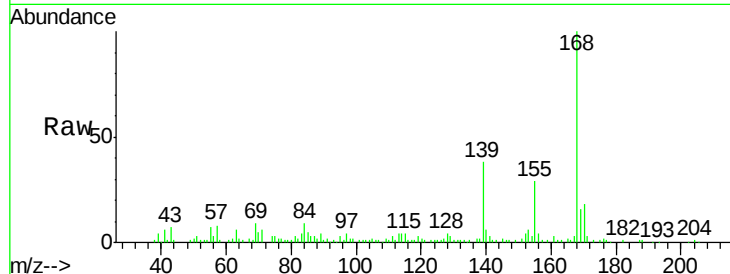




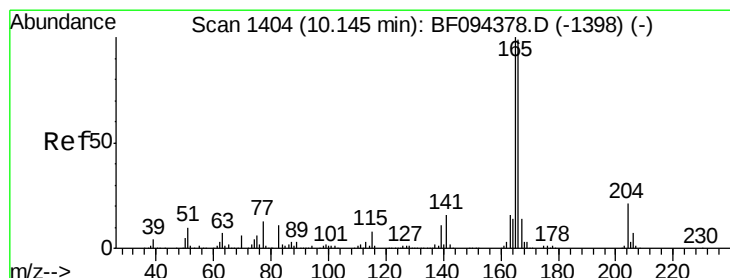
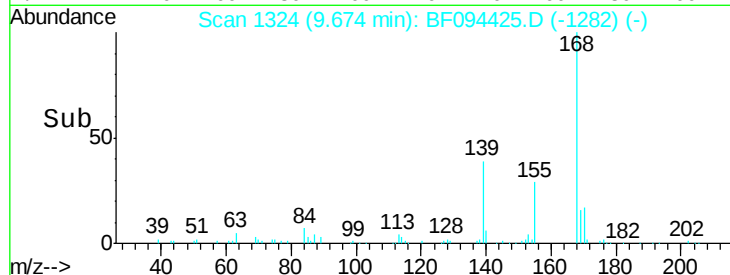
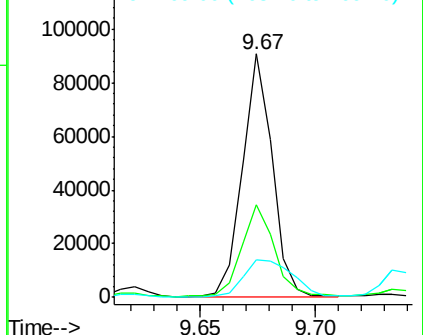
#54
Dibenzenofuran
Concen: 4.38 ng
RT: 9.67 min Scan# 1324
Delta R.T. -0.05 min
Lab File: BF094425.D
Acq: 14 Apr 2017 11:27

Instrument :
BNA_F
ClientSampleId :
E2-Z9-ESW

Tgt Ion:168 Resp: 82735
Ion Ratio Lower Upper
168 100
139 38.0 30.6 45.8
169 15.6 10.8 16.2

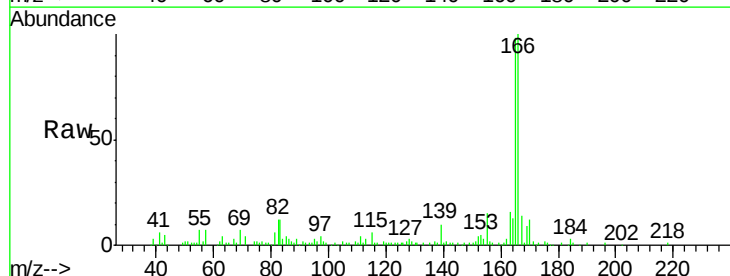


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

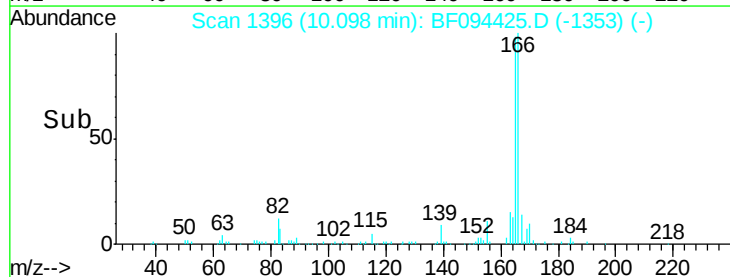
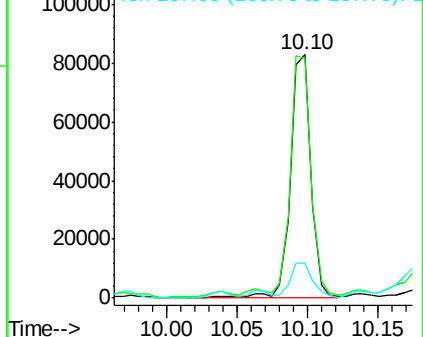


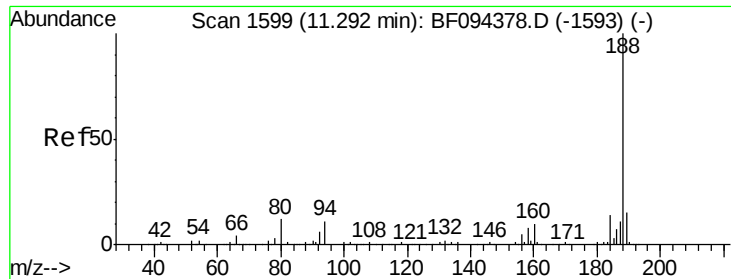
#57
Fluorene
Concen: 5.36 ng
RT: 10.10 min Scan# 1396
Delta R.T. -0.05 min
Lab File: BF094425.D
Acq: 14 Apr 2017 11:27

Tgt Ion:166 Resp: 83870
Ion Ratio Lower Upper
166 100
165 98.3 78.8 118.2
167 14.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

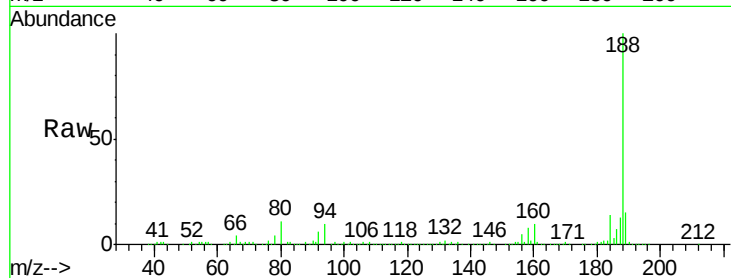




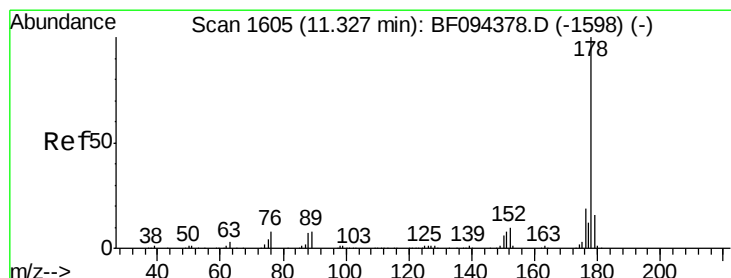
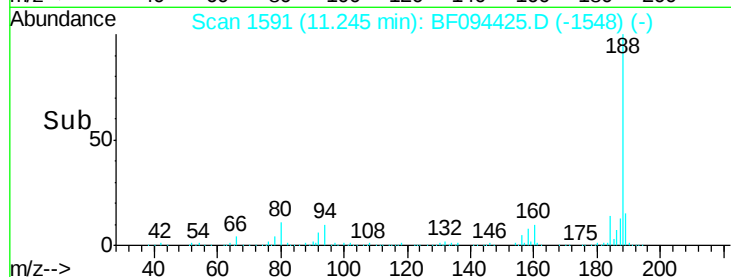
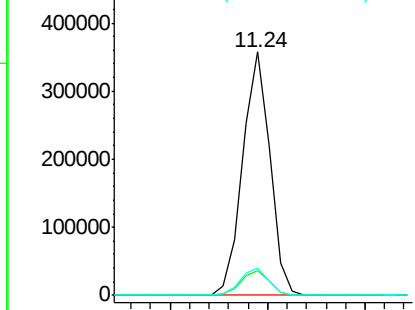
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 1591
Delta R.T. -0.05 min
Lab File: BF094425.D
Acq: 14 Apr 2017 11:27

Instrument :
BNA_F
ClientSampleId :
E2-Z9-ESW

Tgt Ion:188 Resp: 346534
Ion Ratio Lower Upper
188 100
94 10.0 9.4 14.2
80 11.1 10.2 15.2

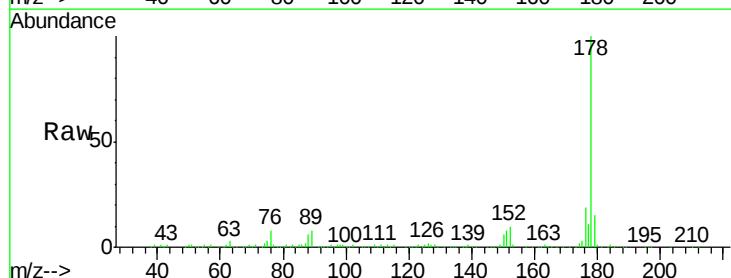


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

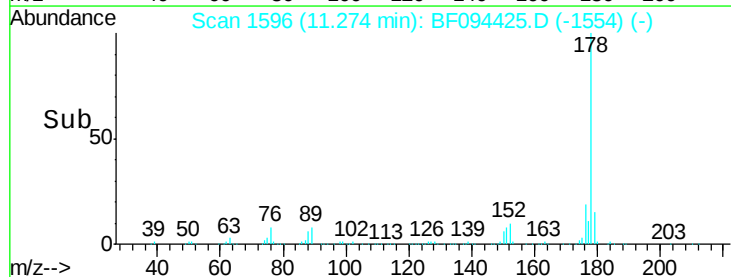
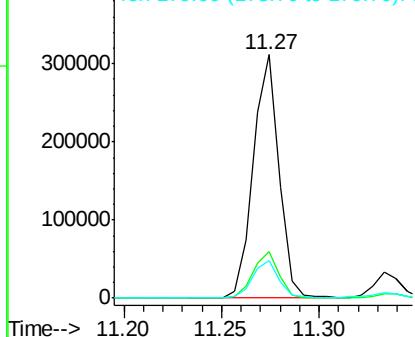


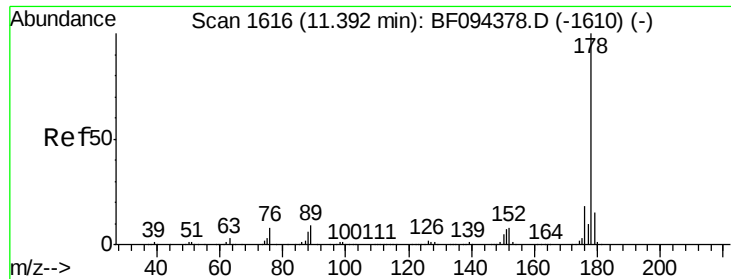
#70
Phenanthrene
Concen: 14.76 ng
RT: 11.27 min Scan# 1596
Delta R.T. -0.05 min
Lab File: BF094425.D
Acq: 14 Apr 2017 11:27

Tgt Ion:178 Resp: 284459
Ion Ratio Lower Upper
178 100
176 19.0 16.2 24.4
179 15.2 12.6 19.0



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

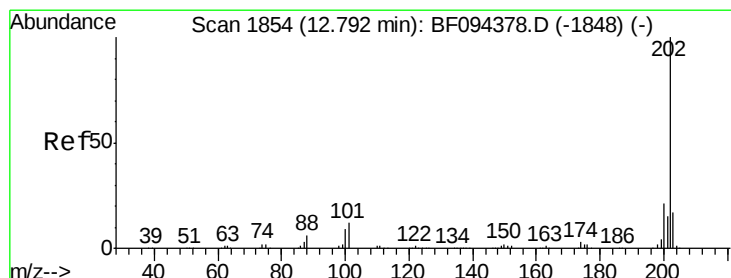
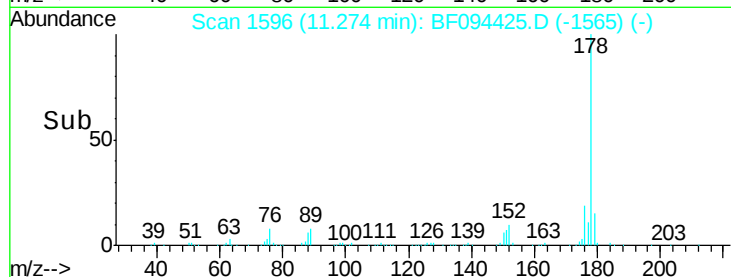
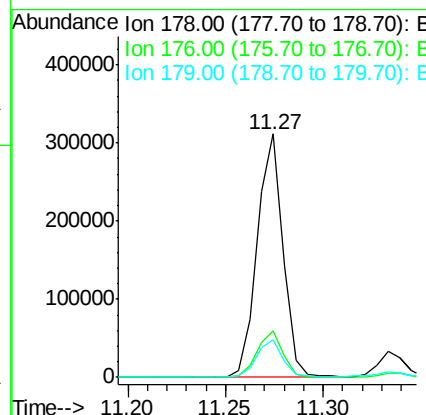
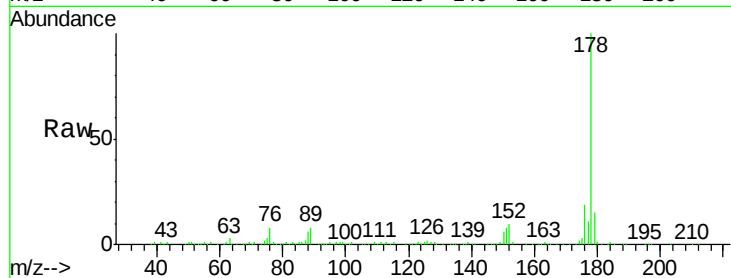




#71
 Anthracene
 Concen: 14.33 ng
 RT: 11.27 min Scan# 1596
 Delta R.T. -0.12 min
 Lab File: BF094425.D
 Acq: 14 Apr 2017 11:27

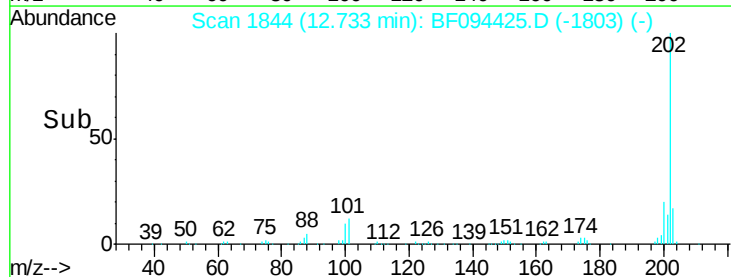
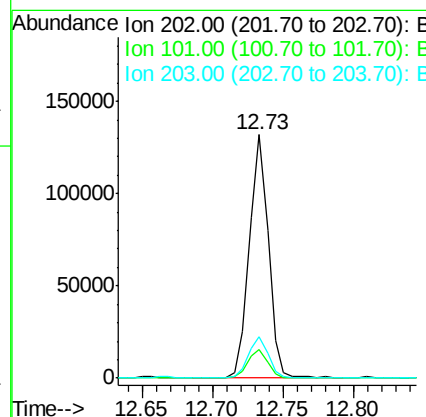
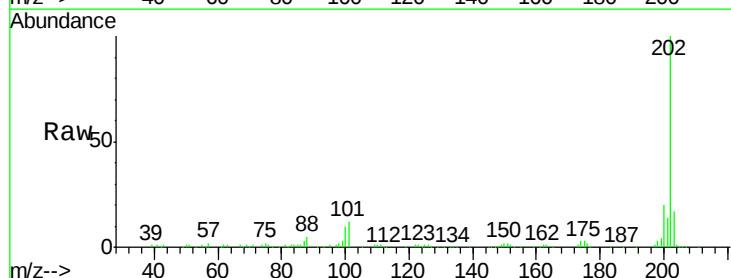
Instrument :
 BNA_F
 ClientSampleId :
 E2-Z9-ESW

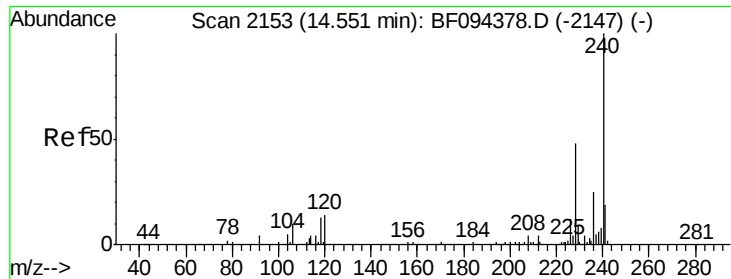
Tgt Ion:178 Resp: 284459
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.2 12.7 19.1



#74
 Fluoranthene
 Concen: 6.37 ng
 RT: 12.73 min Scan# 1844
 Delta R.T. -0.06 min
 Lab File: BF094425.D
 Acq: 14 Apr 2017 11:27

Tgt Ion:202 Resp: 125821
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 33.2
 203 16.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.49 min Scan# 2143

Delta R.T. -0.06 min

Lab File: BF094425.D

Acq: 14 Apr 2017 11:27

Instrument :

BNA_F

ClientSampleId :

E2-Z9-ESW

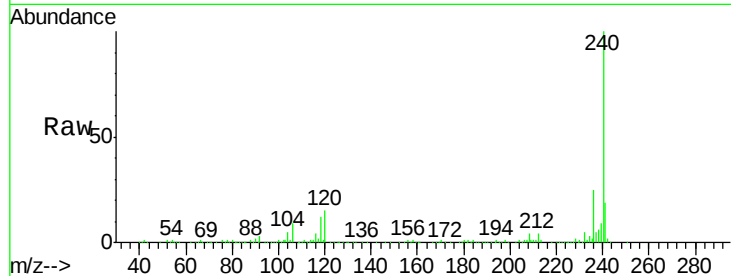
Tgt Ion:240 Resp: 270105

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

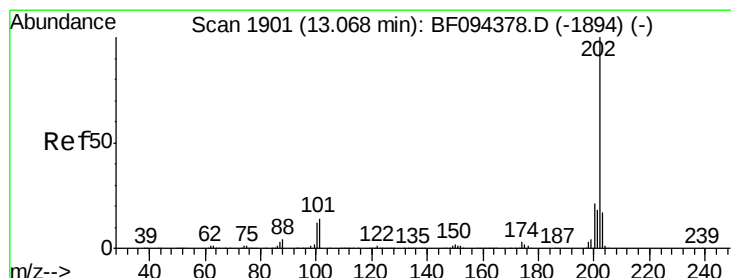
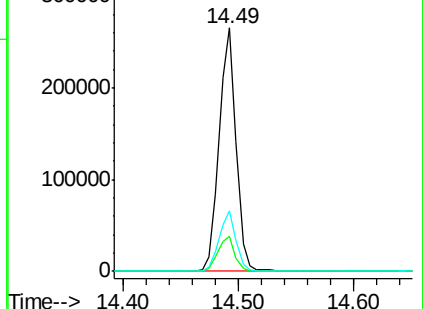
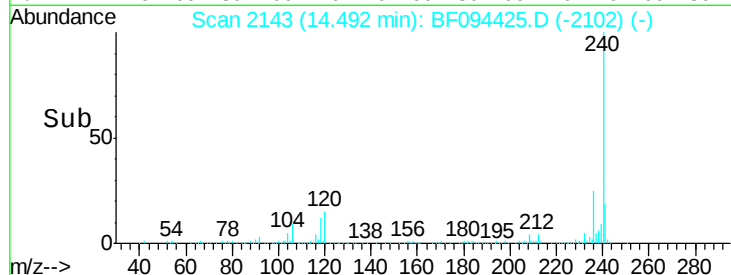
236 24.9 20.5 30.7



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: 4.26 ng

RT: 12.73 min Scan# 1844

Delta R.T. -0.34 min

Lab File: BF094425.D

Acq: 14 Apr 2017 11:27

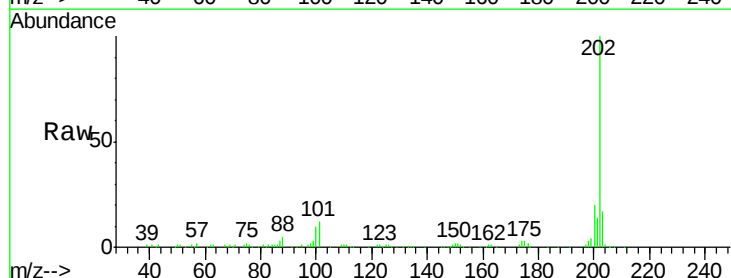
Tgt Ion:202 Resp: 83602

Ion Ratio Lower Upper

202 100

200 20.3 17.6 26.4

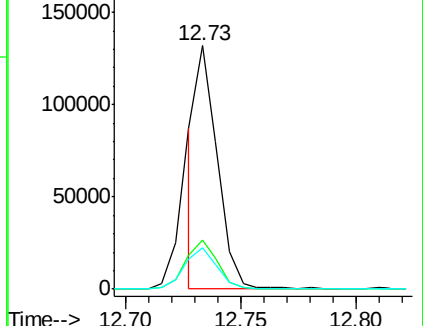
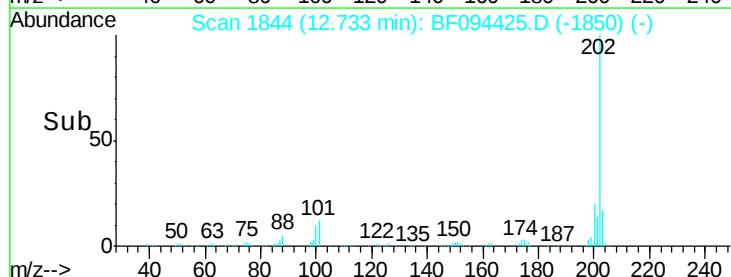
203 16.9 14.4 21.6

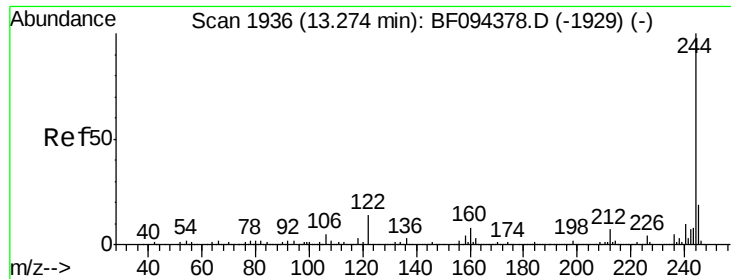


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

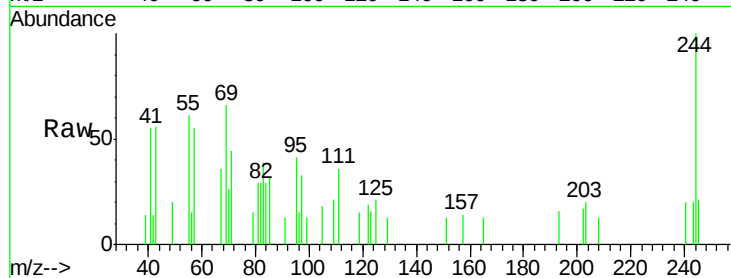




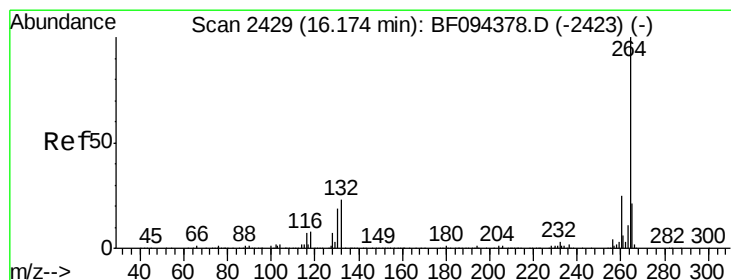
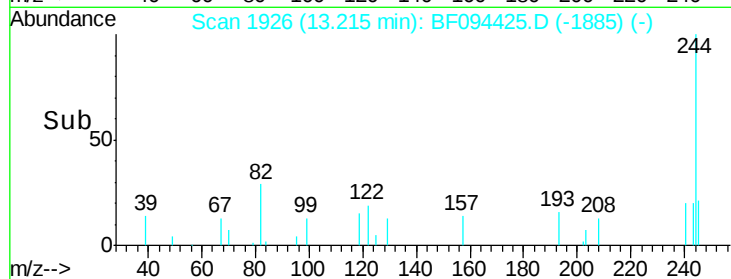
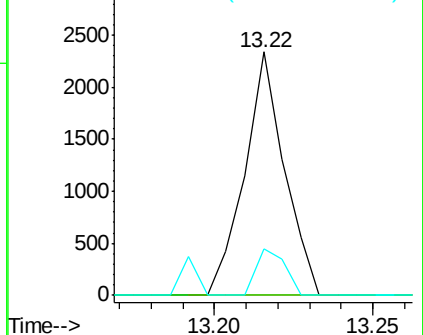
#78
 Terphenyl-d14
 Concen: 0.17 ng
 RT: 13.22 min Scan# 1926
 Delta R.T. -0.06 min
 Lab File: BF094425.D
 Acq: 14 Apr 2017 11:27

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z9-ESW

Tgt Ion:244 Resp: 2040
 Ion Ratio Lower Upper
 244 100
 212 0.0 6.0 9.0#
 122 18.9 10.3 15.5#

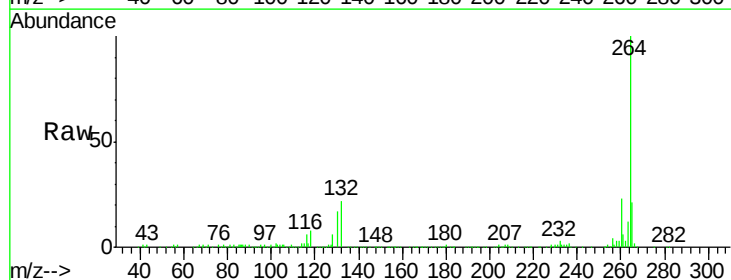


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.12 min Scan# 2419
 Delta R.T. -0.06 min
 Lab File: BF094425.D
 Acq: 14 Apr 2017 11:27

Tgt Ion:264 Resp: 210814
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 21.5 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

