

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
 Data File : BF093022.D
 Acq On : 17 Feb 2017 20:37
 Operator : SJ/MA
 Sample : I1879-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-1

Quant Time: Feb 17 23:32:31 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

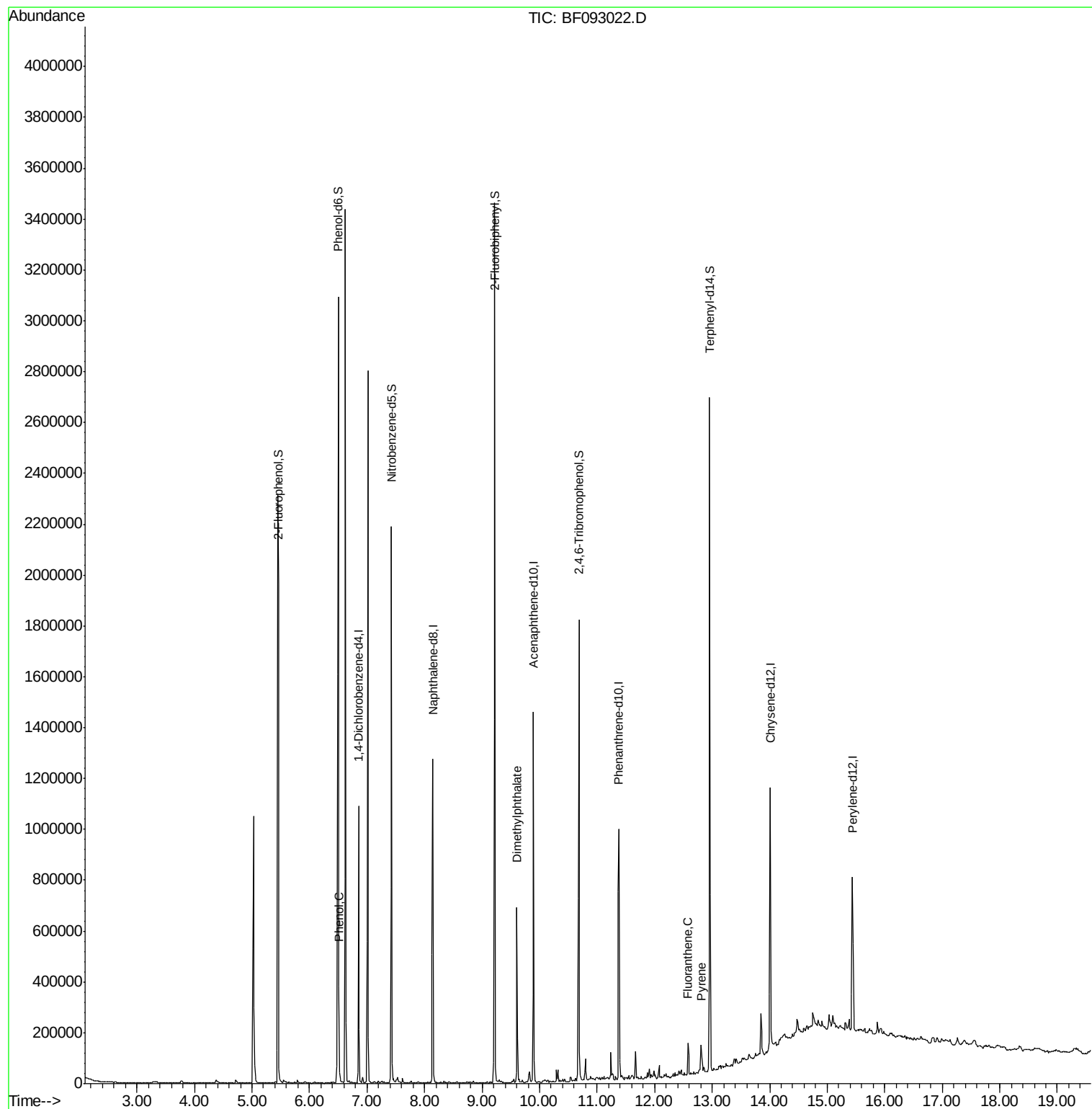
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	150438	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	618451	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	282945	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	478754	20.00	ng	0.00
75) Chrysene-d12	14.01	240	336295	20.00	ng	-0.01
86) Perylene-d12	15.44	264	283246	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	886874	101.14	ng	0.01
7) Phenol-d6	6.50	99	1165227	103.28	ng	0.01
23) Nitrobenzene-d5	7.42	82	716789	64.54	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	202712	99.06	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1190047	76.20	ng	0.00
78) Terphenyl-d14	12.96	244	830185	58.00	ng	-0.01
Target Compounds						
10) Phenol	6.51	94	83153	6.30	ng	Qvalue # 67
49) Dimethylphthalate	9.61	163	286374	15.03	ng	99
74) Fluoranthene	12.58	202	61596	2.18	ng	95
77) Pyrene	12.81	202	51531	2.05	ng	98

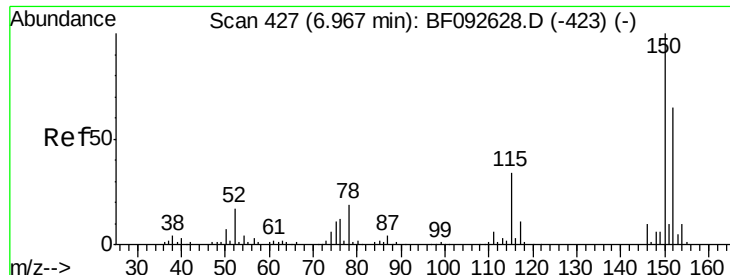
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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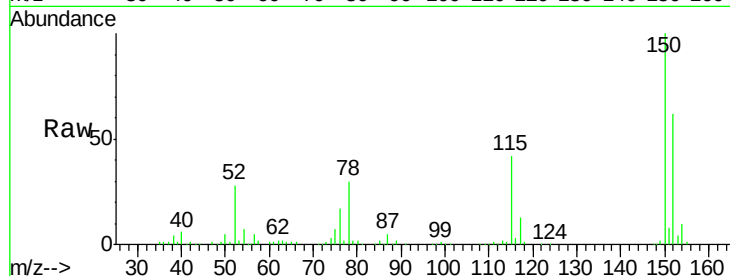


#1

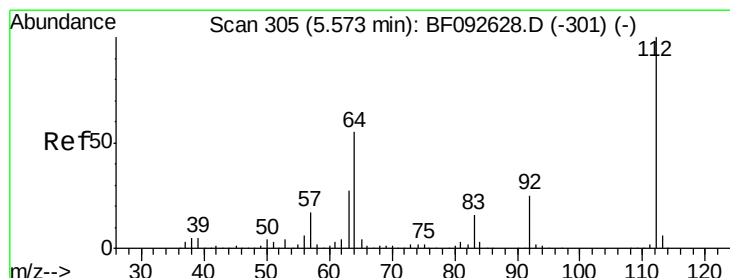
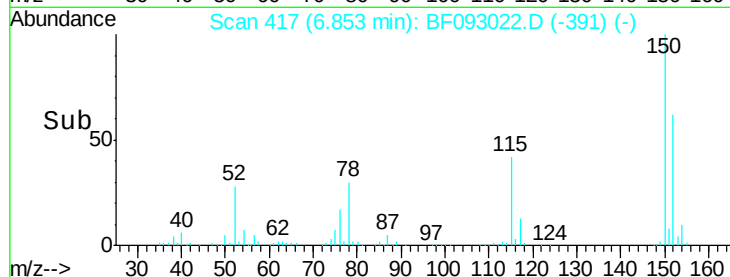
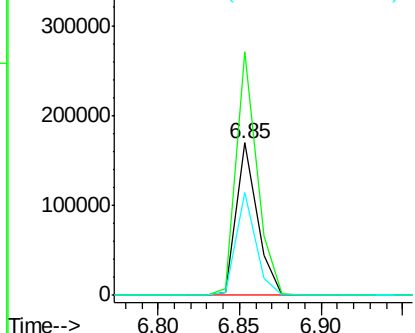
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF093022.D
Acq: 17 Feb 2017 20:37

Instrument :
BNA_F
ClientSampleId :
M-1

Tgt Ion:152 Resp: 150438
Ion Ratio Lower Upper
152 100
150 160.0 124.9 187.3
115 67.5 46.0 69.0



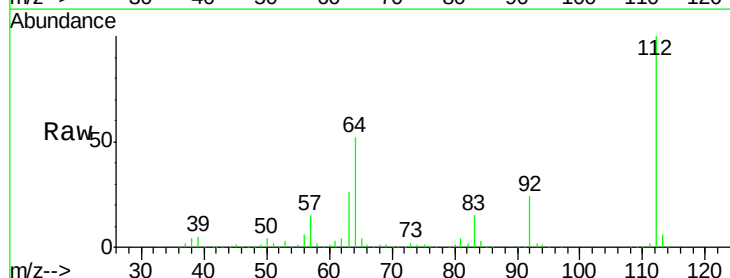
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



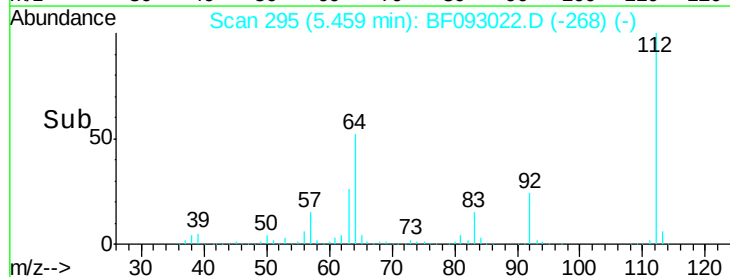
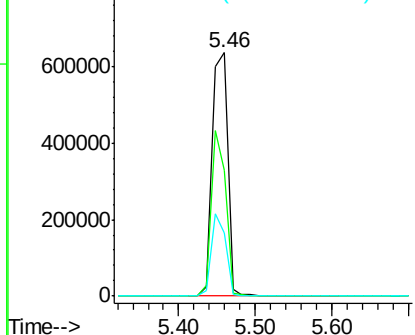
#5

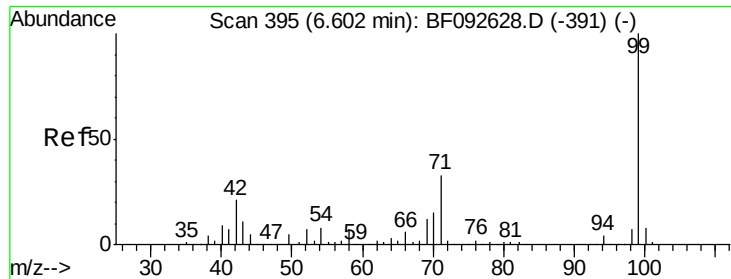
2-Fluorophenol
Concen: 101.14 ng
RT: 5.46 min Scan# 295
Delta R.T. 0.01 min
Lab File: BF093022.D
Acq: 17 Feb 2017 20:37

Tgt Ion:112 Resp: 886874
Ion Ratio Lower Upper
112 100
64 51.9 46.1 69.1
63 25.7 23.8 35.6



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: 103.28 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF093022.D

Acq: 17 Feb 2017 20:37

Instrument :

BNA_F

ClientSampled :

M-1

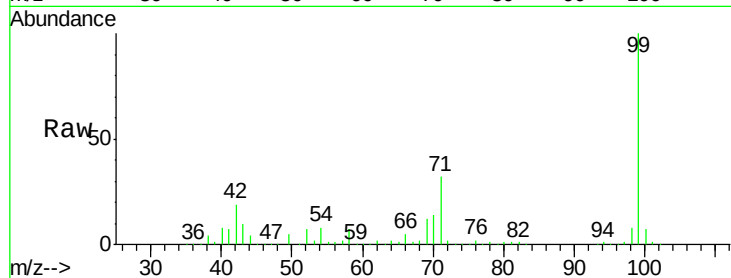
Tgt Ion: 99 Resp: 1165227

Ion Ratio Lower Upper

99 100

42 18.9 15.6 23.4

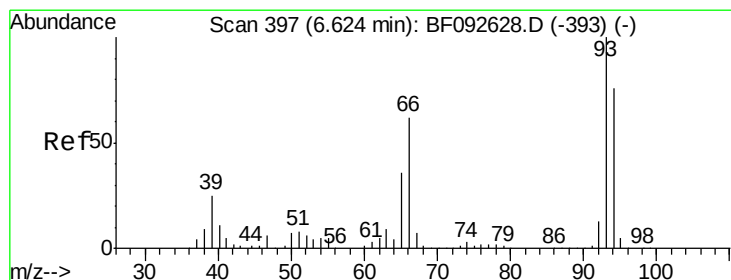
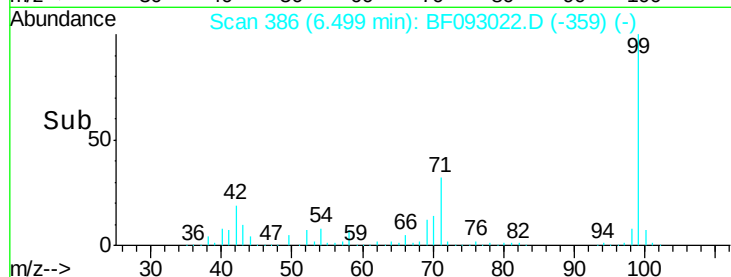
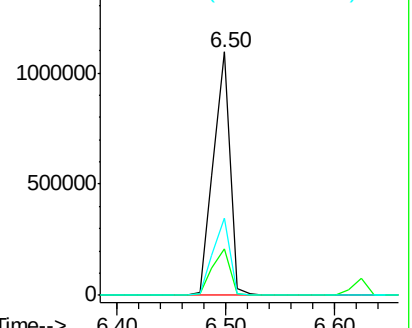
71 31.8 27.5 41.3



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



#10

Phenol

Concen: 6.30 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF093022.D

Acq: 17 Feb 2017 20:37

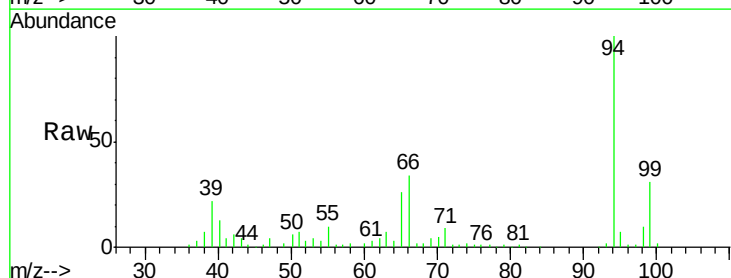
Tgt Ion: 94 Resp: 83153

Ion Ratio Lower Upper

94 100

65 26.0 21.4 61.4

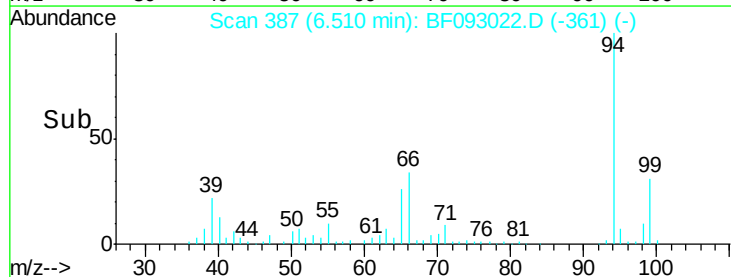
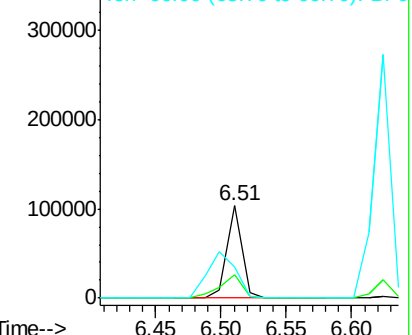
66 33.9 44.0 84.0#

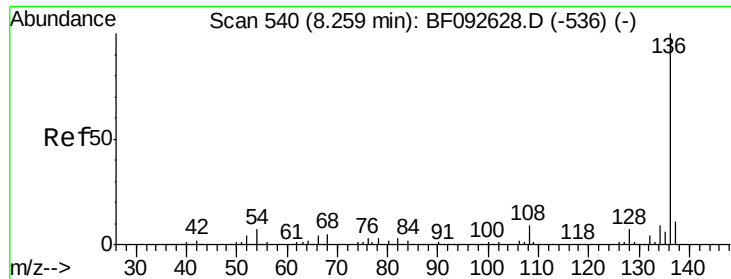


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

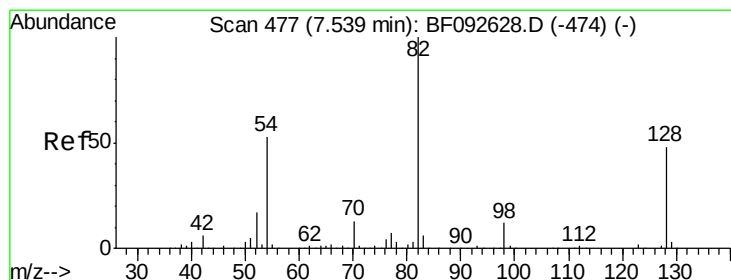
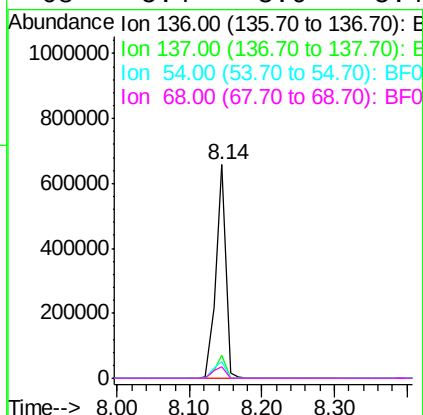
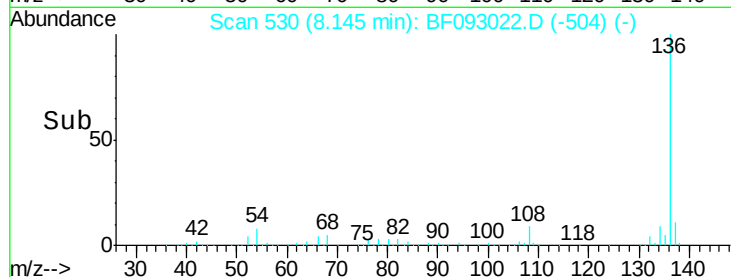
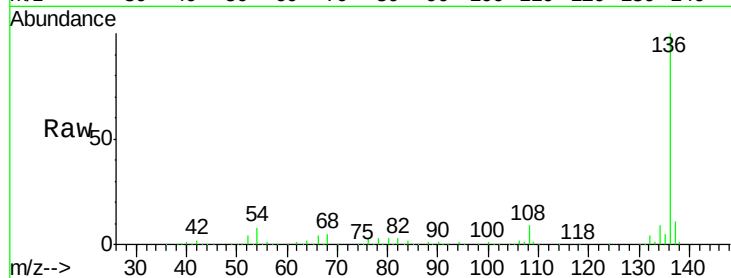




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF093022.D
Acq: 17 Feb 2017 20:37

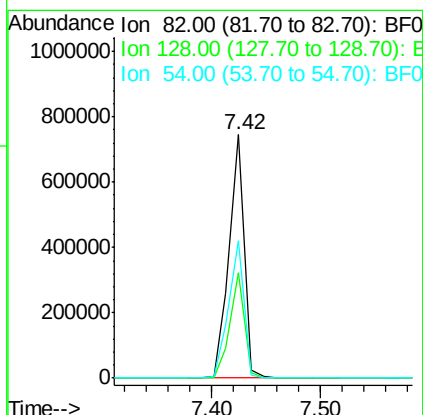
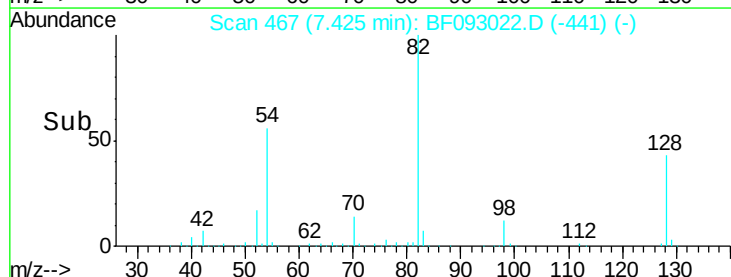
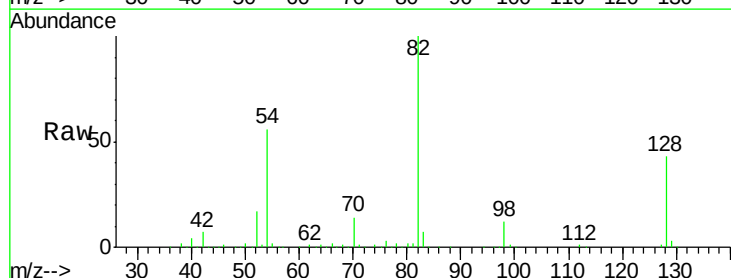
Instrument :
BNA_F
ClientSampleId :
M-1

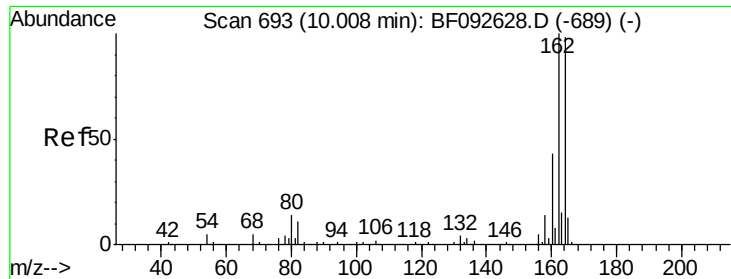
Tgt Ion:	136	Resp:	618451
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	7.8	4.5	6.7#
68	5.4	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 64.54 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF093022.D
Acq: 17 Feb 2017 20:37

Tgt Ion:	82	Resp:	716789
Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.6	52.0
54	56.2	39.5	59.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF093022.D

Acq: 17 Feb 2017 20:37

Instrument :

BNA_F

ClientSampleId :

M-1

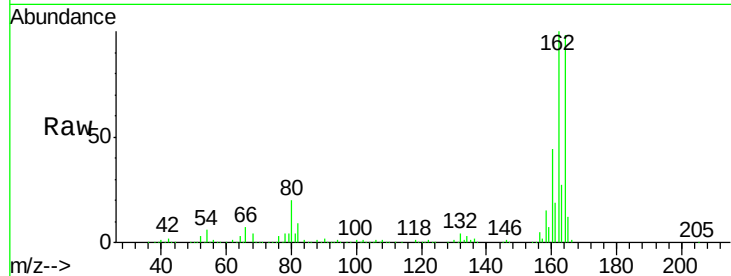
Tgt Ion:164 Resp: 282945

Ion Ratio Lower Upper

164 100

162 101.9 80.2 120.2

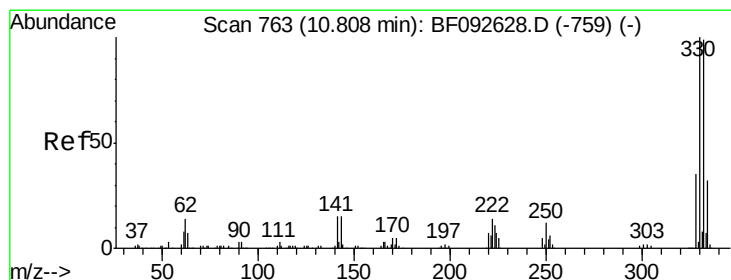
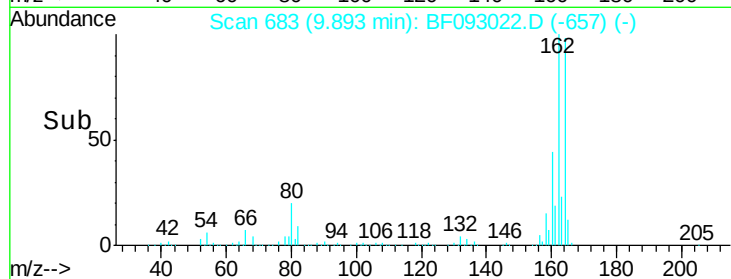
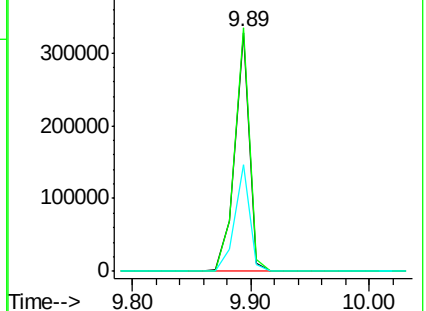
160 44.7 36.9 55.3



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: 99.06 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF093022.D

Acq: 17 Feb 2017 20:37

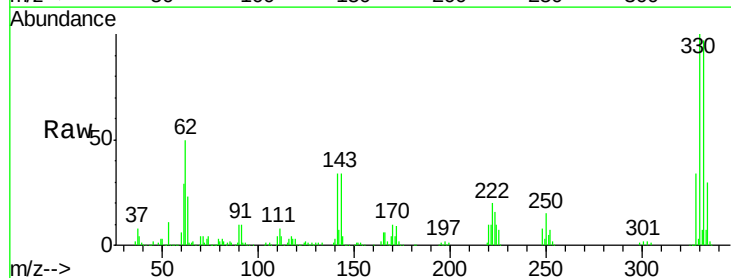
Tgt Ion:330 Resp: 202712

Ion Ratio Lower Upper

330 100

332 97.8 77.4 116.2

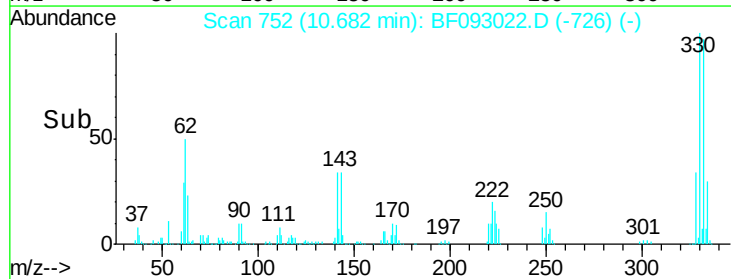
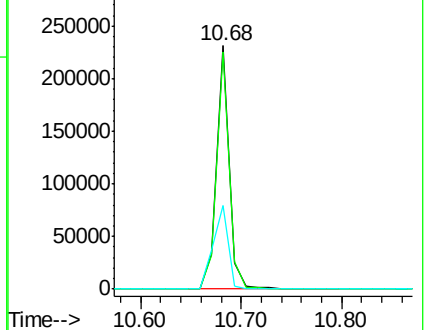
141 41.5 34.1 51.1

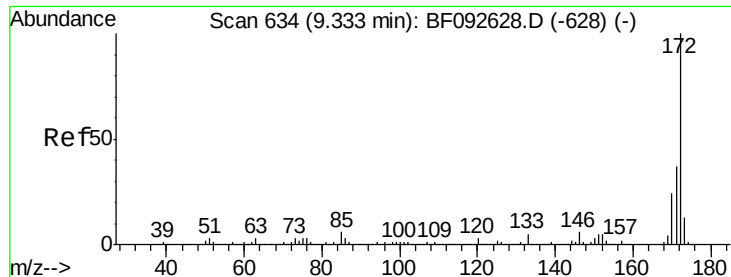


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

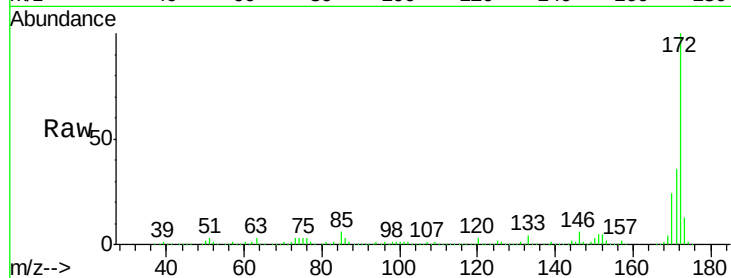




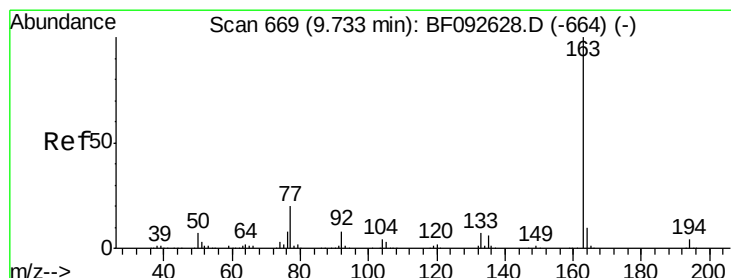
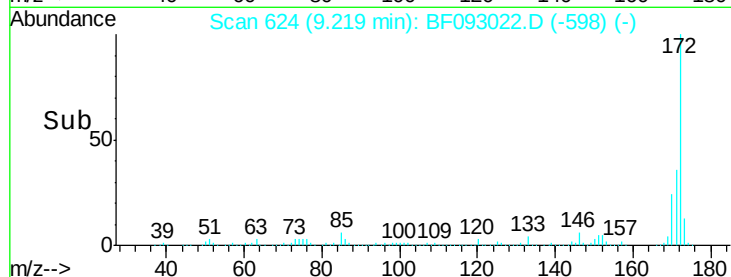
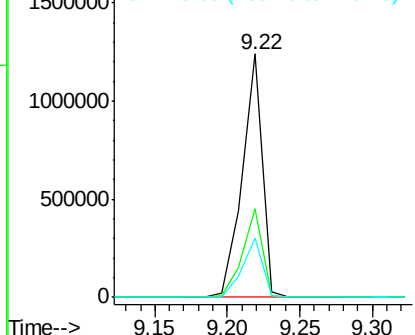
#44
 2-Fluorobiphenyl
 Concen: 76.20 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF093022.D
 Acq: 17 Feb 2017 20:37

Instrument :
 BNA_F
 ClientSampleId :
 M-1

Tgt Ion:172 Resp: 1190047
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.1 20.2 30.4

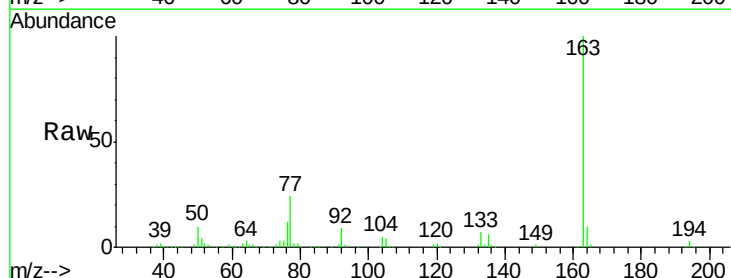


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

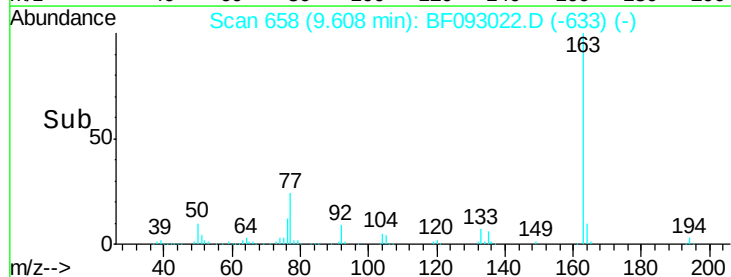
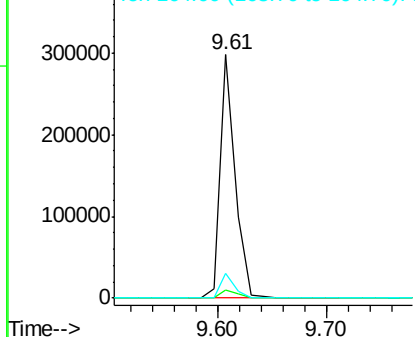


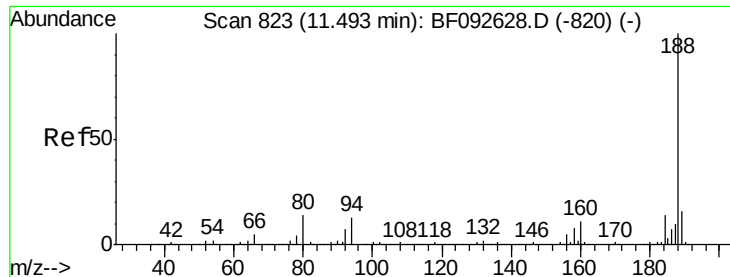
#49
 Dimethylphthalate
 Concen: 15.03 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF093022.D
 Acq: 17 Feb 2017 20:37

Tgt Ion:163 Resp: 286374
 Ion Ratio Lower Upper
 163 100
 194 3.3 3.0 4.4
 164 10.2 8.0 12.0



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

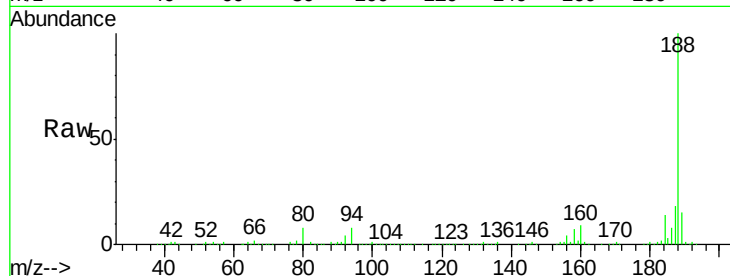




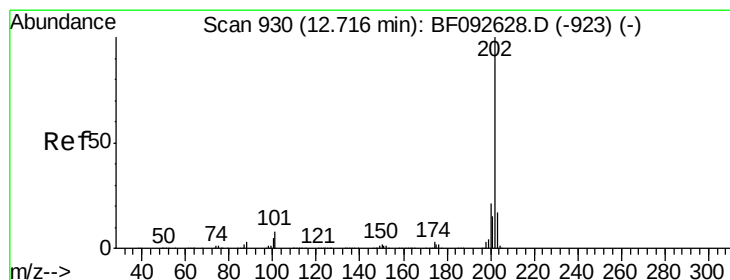
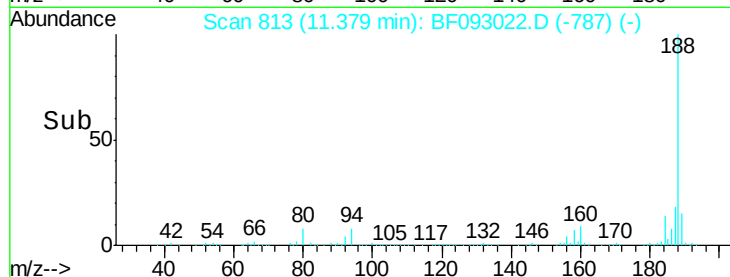
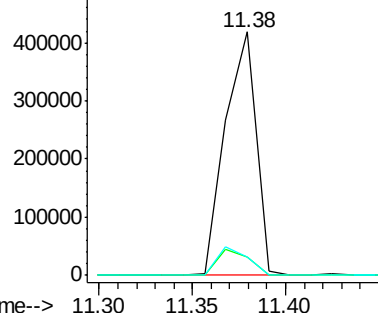
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF093022.D
Acq: 17 Feb 2017 20:37

Instrument :
BNA_F
ClientSampleId :
M-1

Tgt Ion:188 Resp: 478754
Ion Ratio Lower Upper
188 100
94 7.5 10.0 15.0#
80 7.7 11.2 16.8#

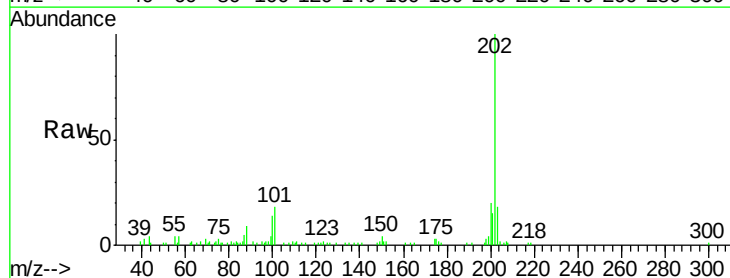


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

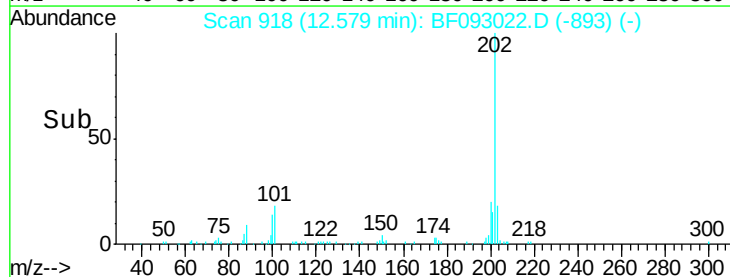
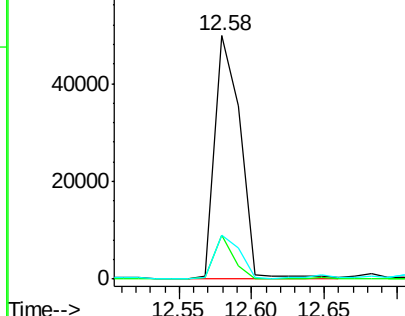


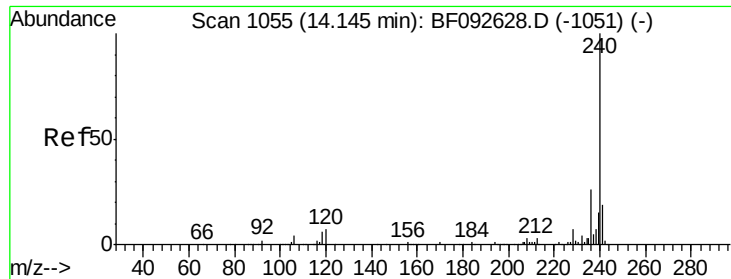
#74
Fluoranthene
Concen: 2.18 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF093022.D
Acq: 17 Feb 2017 20:37

Tgt Ion:202 Resp: 61596
Ion Ratio Lower Upper
202 100
101 18.0 0.0 34.6
203 17.8 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: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093022.D

Acq: 17 Feb 2017 20:37

Instrument :

BNA_F

ClientSampleId :

M-1

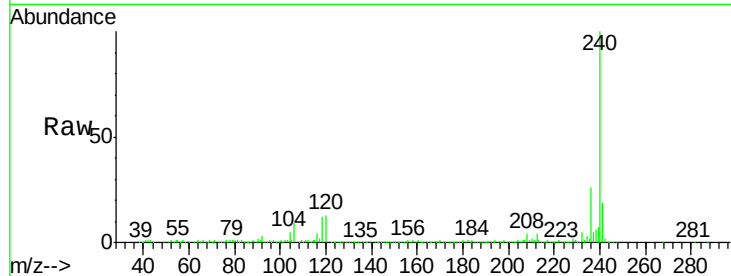
Tgt Ion:240 Resp: 336295

Ion Ratio Lower Upper

240 100

120 13.4 12.9 19.3

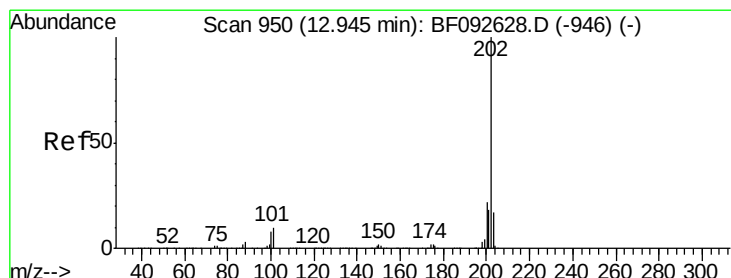
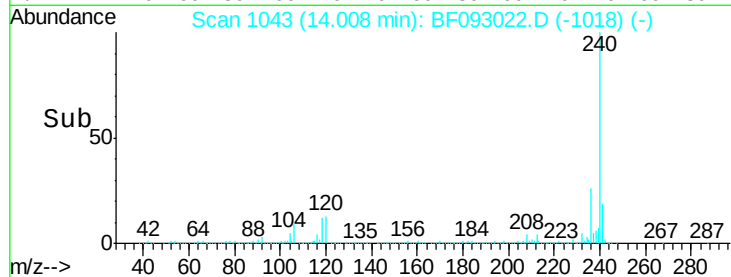
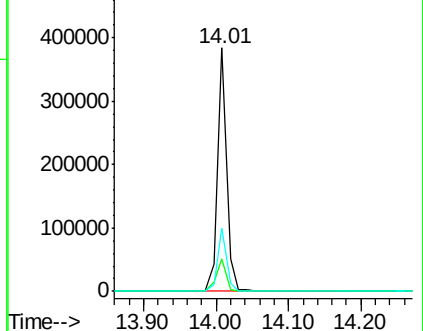
236 25.9 20.9 31.3



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: 2.05 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF093022.D

Acq: 17 Feb 2017 20:37

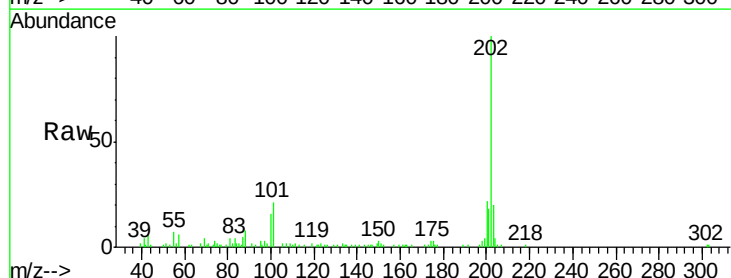
Tgt Ion:202 Resp: 51531

Ion Ratio Lower Upper

202 100

200 22.2 17.7 26.5

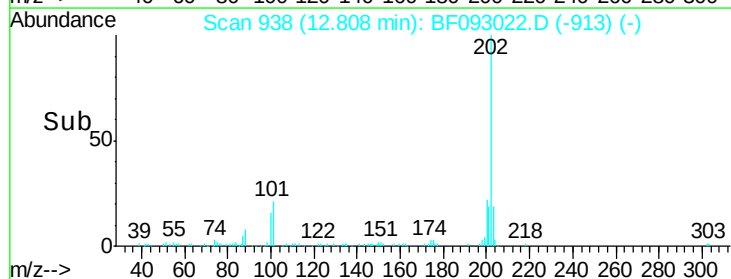
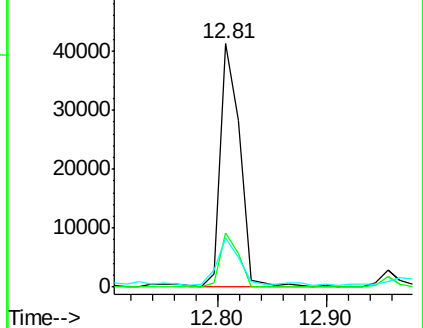
203 20.3 14.7 22.1

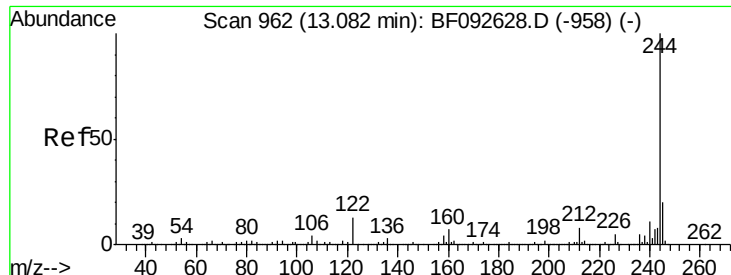


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

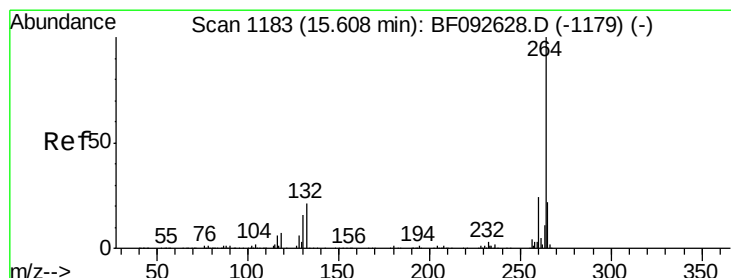
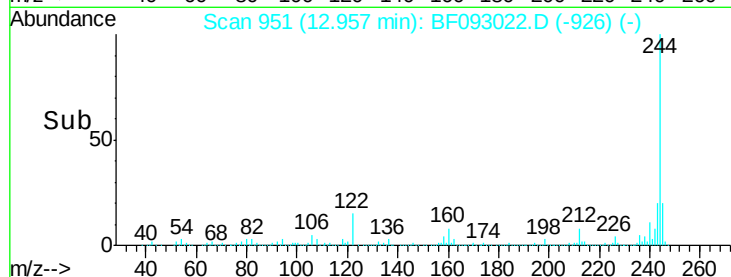
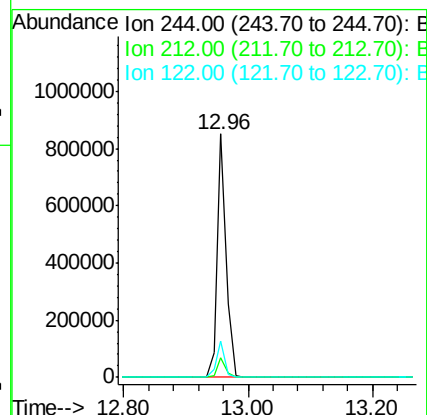
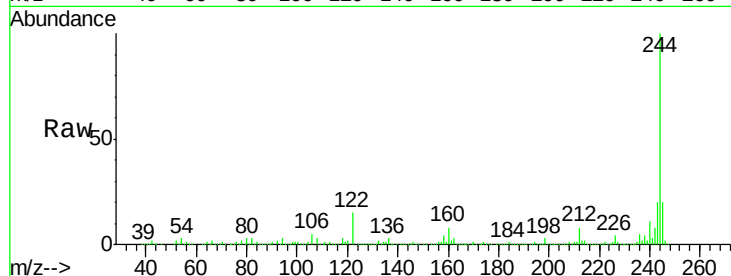




#78
 Terphenyl-d14
 Concen: 58.00 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF093022.D
 Acq: 17 Feb 2017 20:37

Instrument :
 BNA_F
 ClientSampleId :
 M-1

Tgt Ion:244 Resp: 830185
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 14.9 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF093022.D
 Acq: 17 Feb 2017 20:37

Tgt Ion:264 Resp: 283246
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 22.0 17.4 26.0

