

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042417\
 Data File : BF094582.D
 Acq On : 24 Apr 2017 13:49
 Operator : SJ/MA
 Sample : I2786-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-01

Quant Time: Apr 25 04:20:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

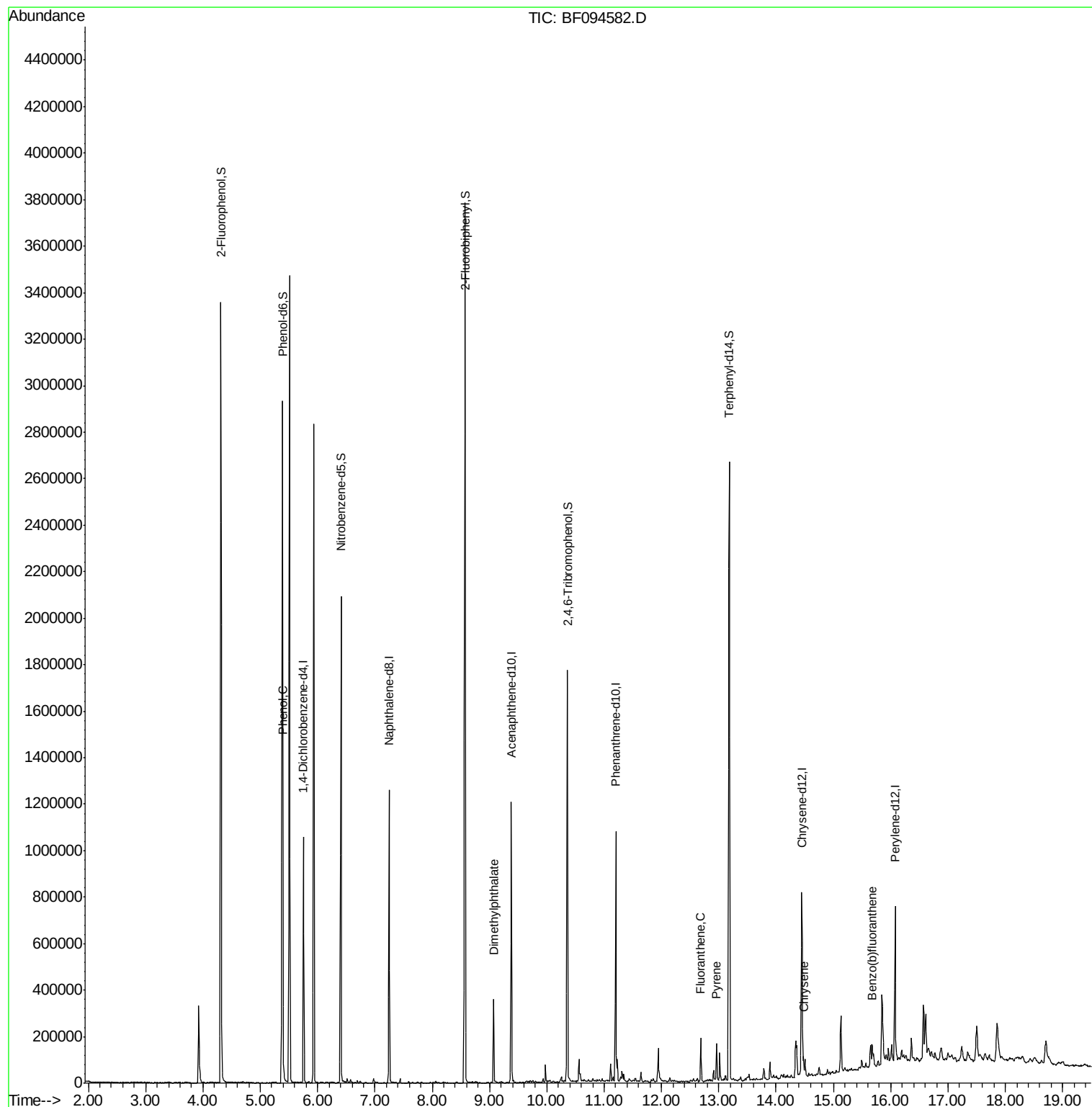
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	155875	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	605025	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	259863	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	428812	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	290127	20.00	ng	-0.02
86) Perylene-d12	16.08	264	264048	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	1033239	109.97	ng	0.00
7) Phenol-d6	5.39	99	1287206	116.21	ng	0.00
23) Nitrobenzene-d5	6.41	82	774199	79.01	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	236084	116.15	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1395509	79.01	ng	-0.01
78) Terphenyl-d14	13.18	244	995554	91.72	ng	-0.01
Target Compounds						
10) Phenol	5.40	94	79664	5.85	ng	88
49) Dimethylphthalate	9.07	163	158945	8.21	ng	98
74) Fluoranthene	12.69	202	76271	3.05	ng	96
77) Pyrene	12.97	202	64273	3.17	ng	97
82) Chrysene	14.48	228	32507	2.11	ng	96
87) Benzo(b)fluoranthene	15.67	252	42008m	2.60	ng	

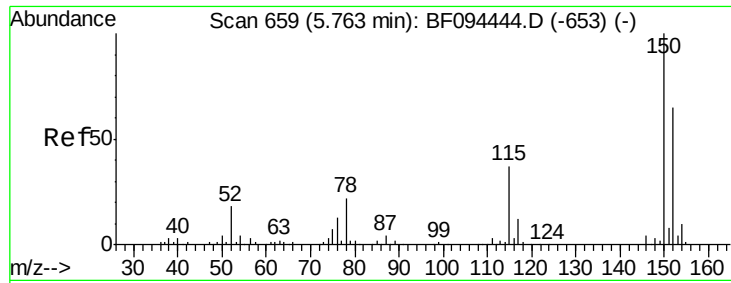
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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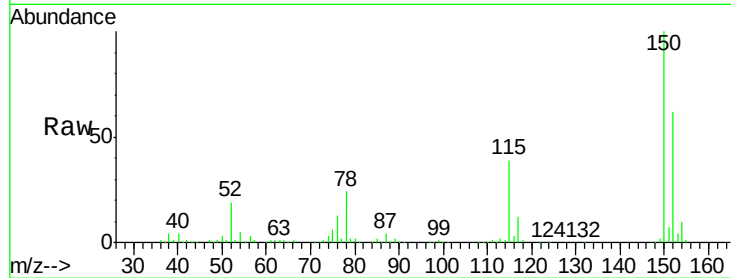


#1

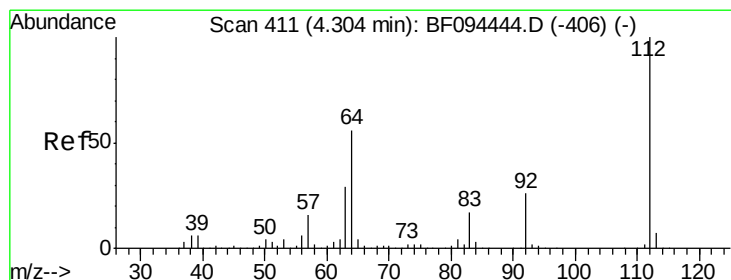
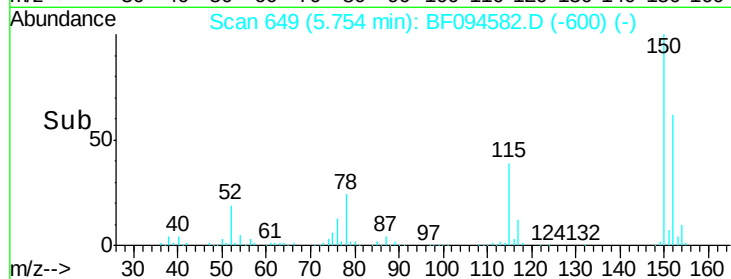
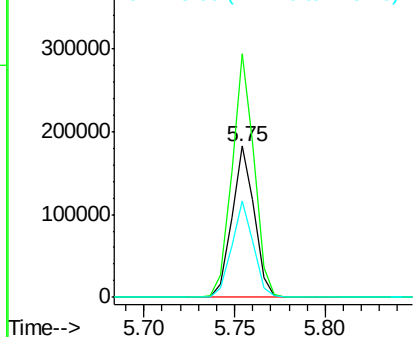
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094582.D
Acq: 24 Apr 2017 13:49

Instrument :
BNA_F
ClientSampleId :
DUP-01

Tot Ion:152 Resp: 155875
Ion Ratio Lower Upper
152 100
150 161.3 126.2 189.2
115 63.6 52.2 78.2



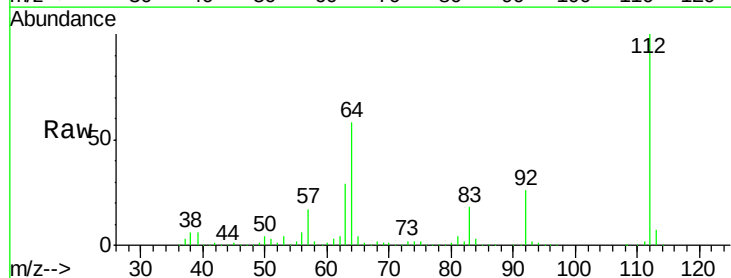
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



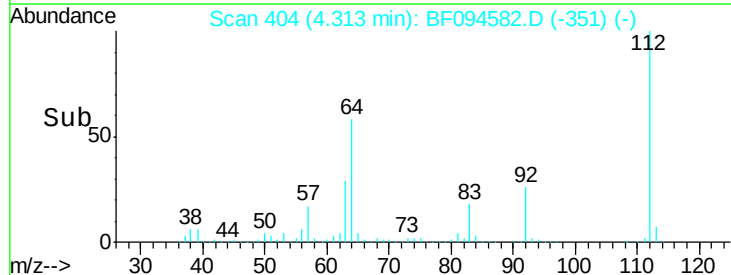
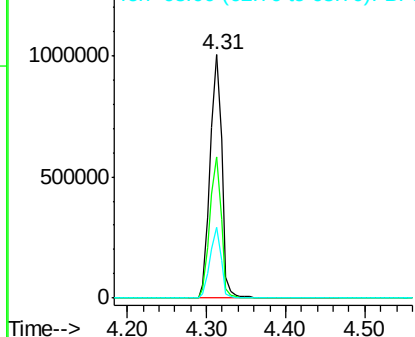
#5

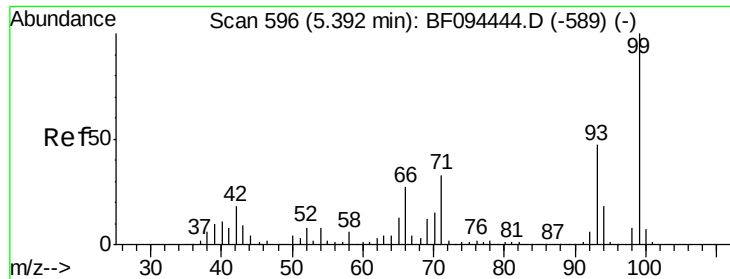
2-Fluorophenol
Concen: 109.97 ng
RT: 4.31 min Scan# 404
Delta R.T. 0.01 min
Lab File: BF094582.D
Acq: 24 Apr 2017 13:49

Tgt Ion:112 Resp: 1033239
Ion Ratio Lower Upper
112 100
64 58.1 46.0 69.0
63 29.1 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: 116.21 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094582.D

Acq: 24 Apr 2017 13:49

Instrument :

BNA_F

ClientSampleId :

DUP-01

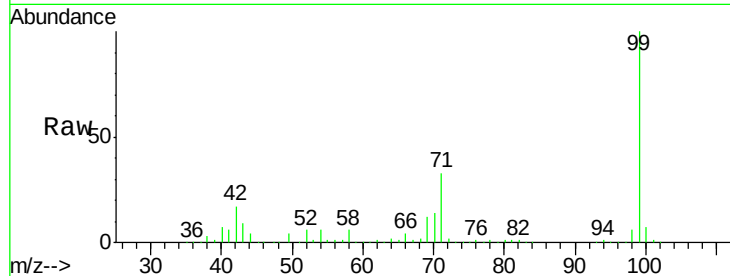
Tot Ion: 99 Resp: 1287206

Ion Ratio Lower Upper

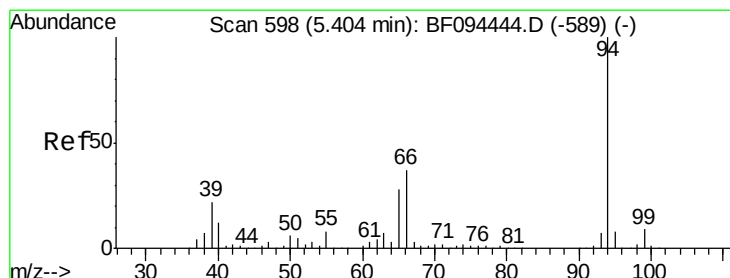
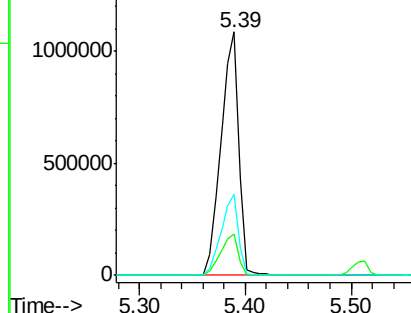
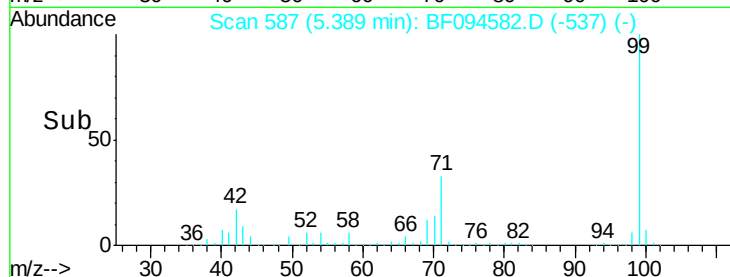
99 100

42 17.1 13.5 20.3

71 33.1 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



#10

Phenol

Concen: 5.85 ng

RT: 5.40 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF094582.D

Acq: 24 Apr 2017 13:49

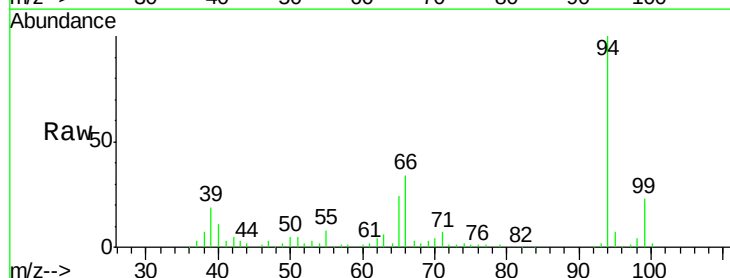
Tgt Ion: 94 Resp: 79664

Ion Ratio Lower Upper

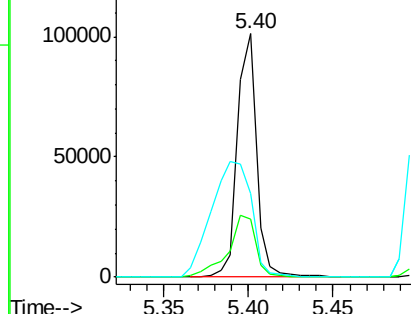
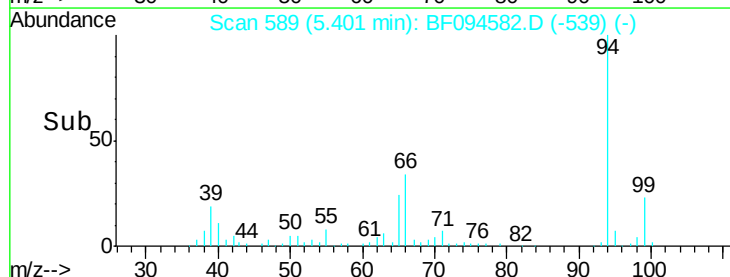
94 100

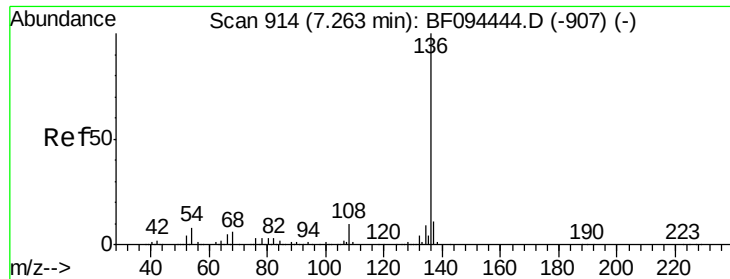
65 24.0 9.9 49.9

66 34.4 23.1 63.1



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: 7.25 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF094582.D

Acq: 24 Apr 2017 13:49

Instrument :

BNA_F

ClientSampleId :

DUP-01

Tot Ion:136 Resp: 605025

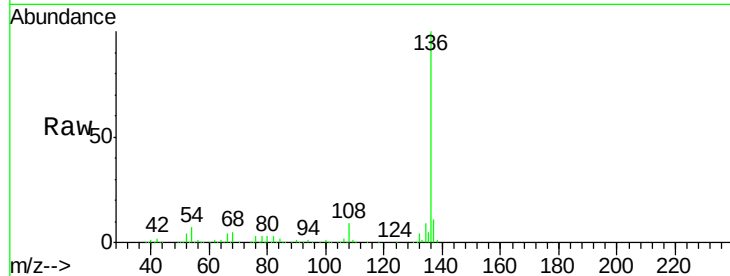
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.7 4.9 7.3

68 5.4 4.1 6.1

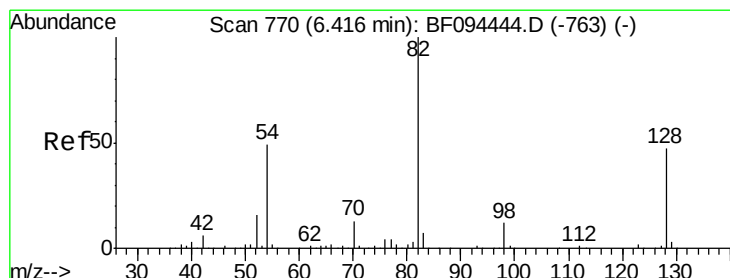
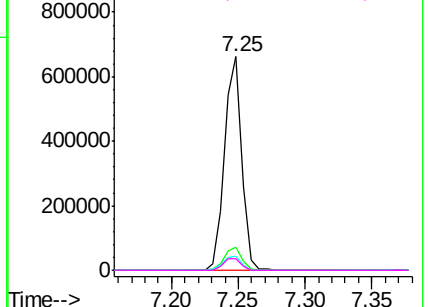
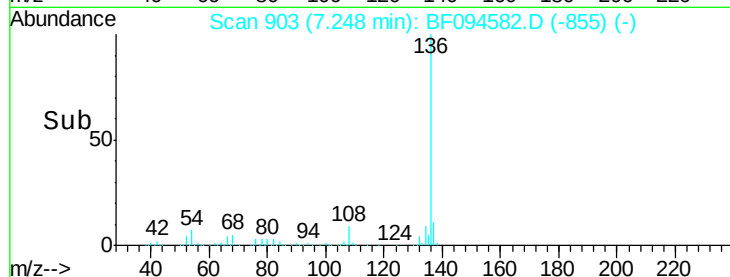


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.01 ng

RT: 6.41 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF094582.D

Acq: 24 Apr 2017 13:49

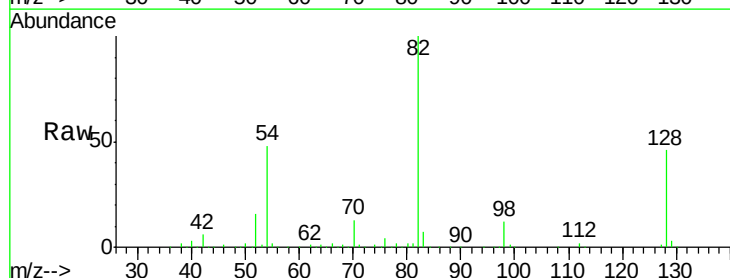
Tgt Ion: 82 Resp: 774199

Ion Ratio Lower Upper

82 100

128 45.8 34.0 51.0

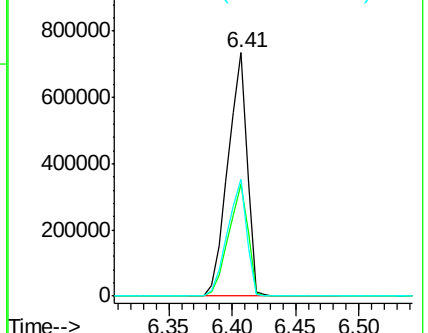
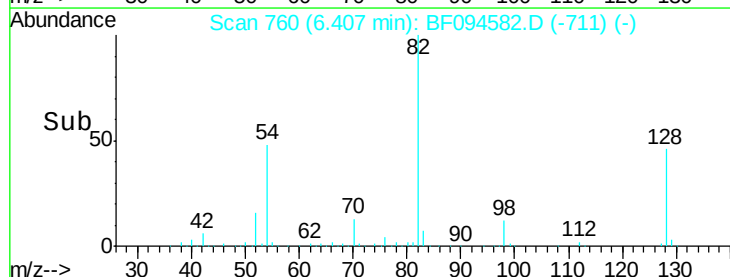
54 47.9 42.2 63.2

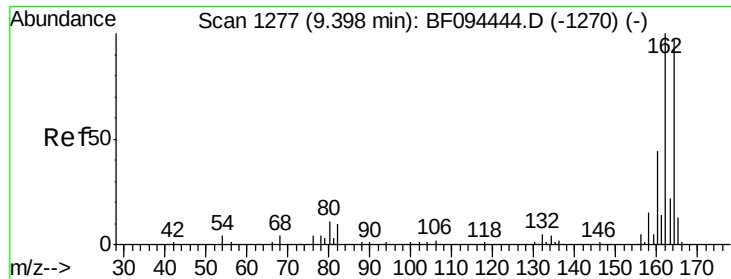


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

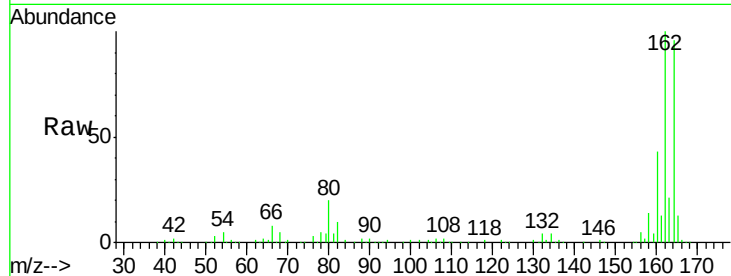




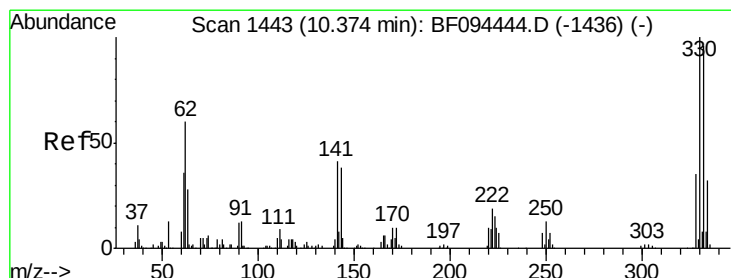
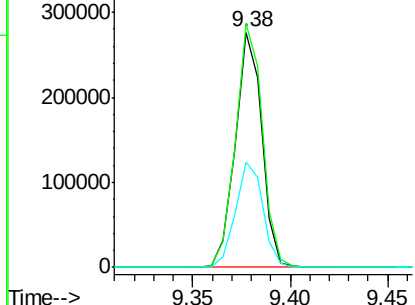
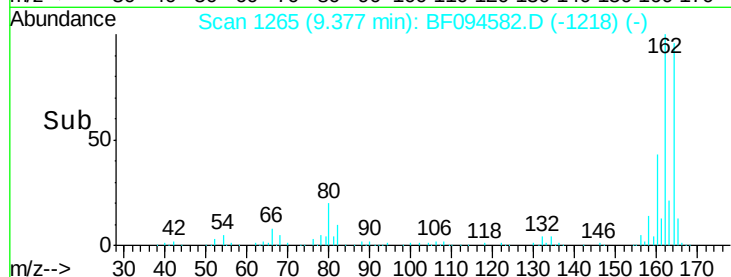
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF094582.D
 Acq: 24 Apr 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :
 DUP-01

Tot Ion:164 Resp: 259863
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.6 123.8
 160 44.9 36.2 54.2

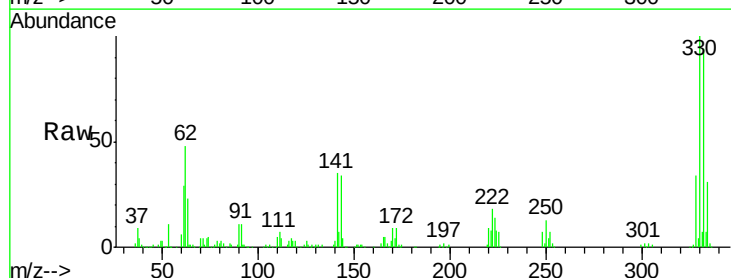


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

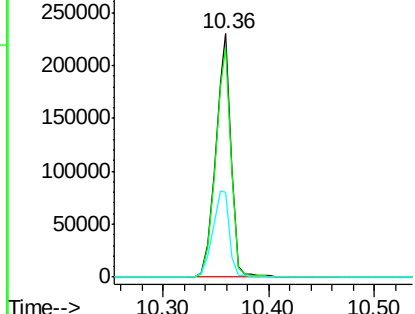
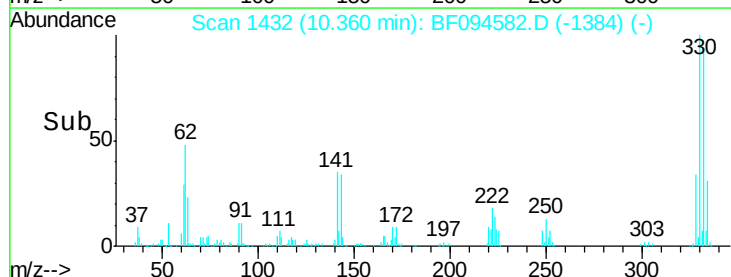


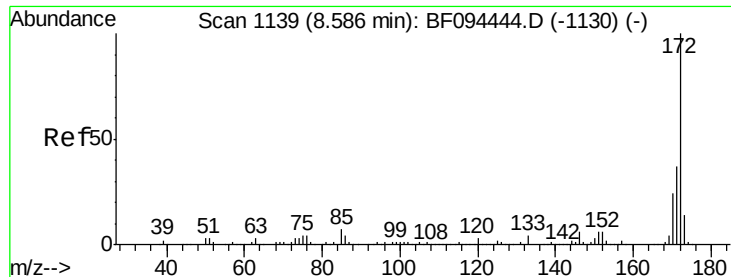
#41
 2,4,6-Tribromophenol
 Concen: 116.15 ng
 RT: 10.36 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF094582.D
 Acq: 24 Apr 2017 13:49

Tgt Ion:330 Resp: 236084
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 39.0 31.4 47.2



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

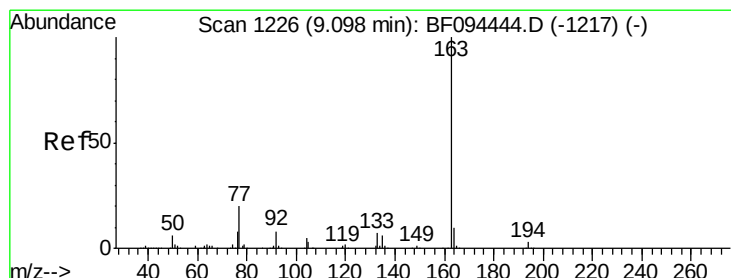
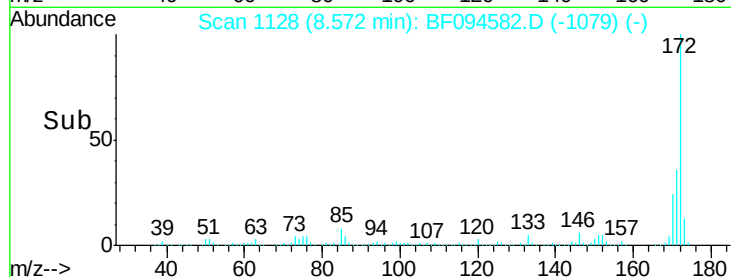
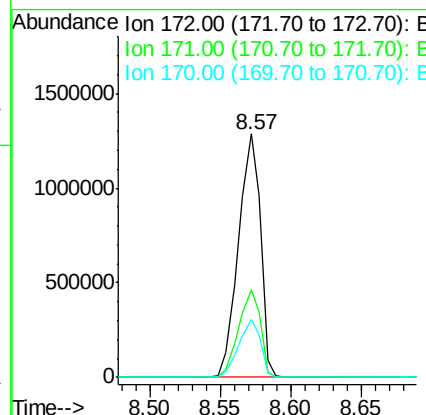
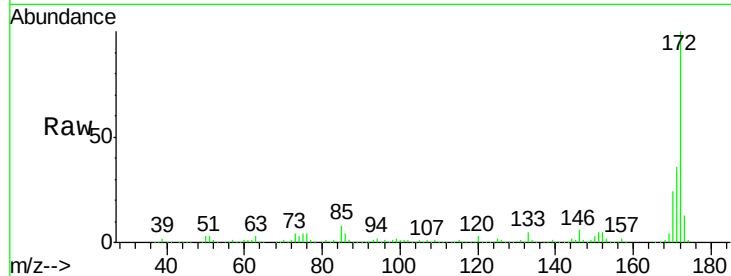




#44
2-Fluorobiphenyl
Concen: 79.01 ng
RT: 8.57 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF094582.D
Acq: 24 Apr 2017 13:49

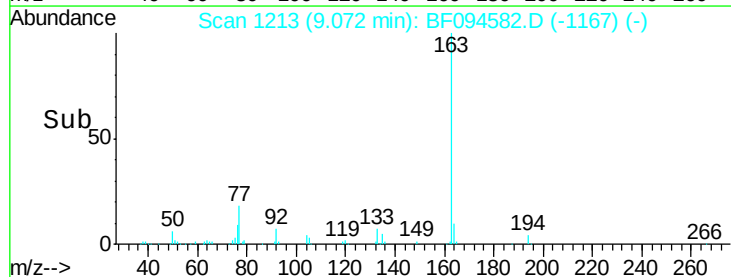
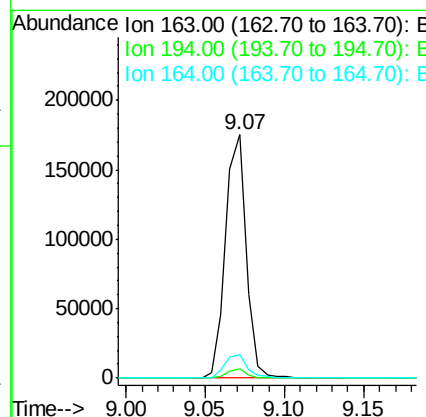
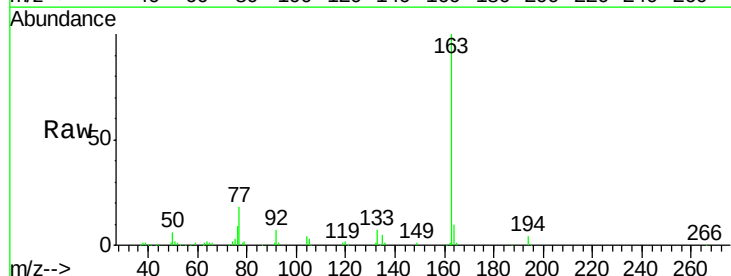
Instrument :
BNA_F
ClientSampleId :
DUP-01

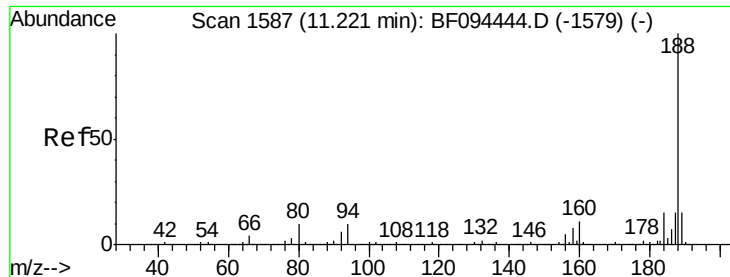
Tot Ion:172 Resp: 1395509
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.1 19.8 29.8



#49
Dimethylphthalate
Concen: 8.21 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.03 min
Lab File: BF094582.D
Acq: 24 Apr 2017 13:49

Tgt Ion:163 Resp: 158945
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 9.8 8.4 12.6

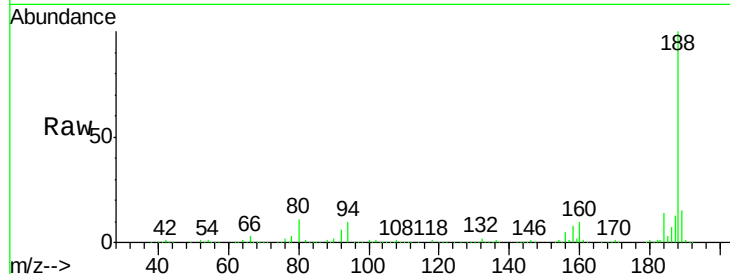




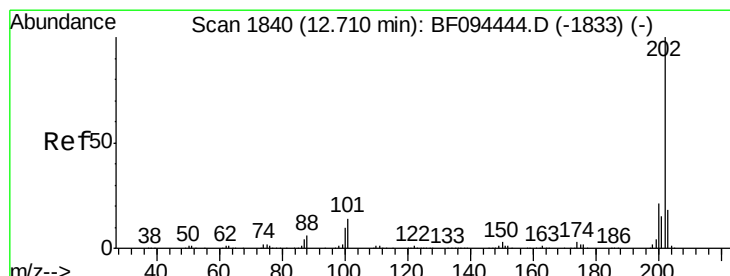
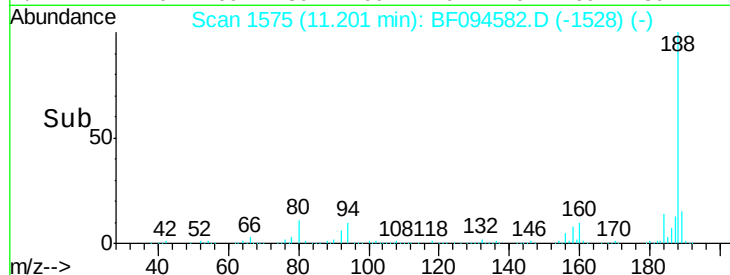
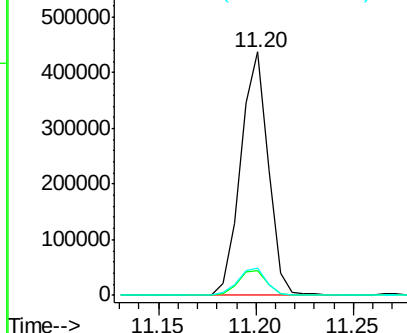
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF094582.D
 Acq: 24 Apr 2017 13:49

Instrument :
 BNA_F
 ClientSampleID :
 DUP-01

Tot Ion:188 Resp: 428812
 Ion Ratio Lower Upper
 188 100
 94 10.0 9.4 14.2
 80 11.1 10.2 15.2

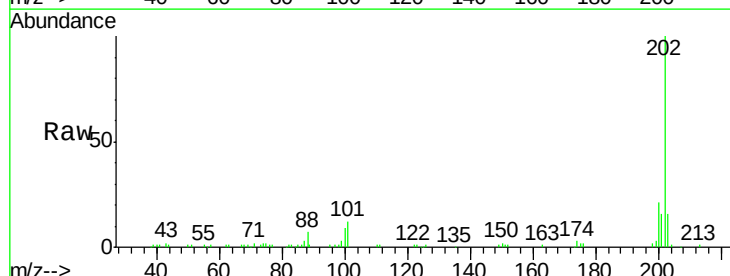


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

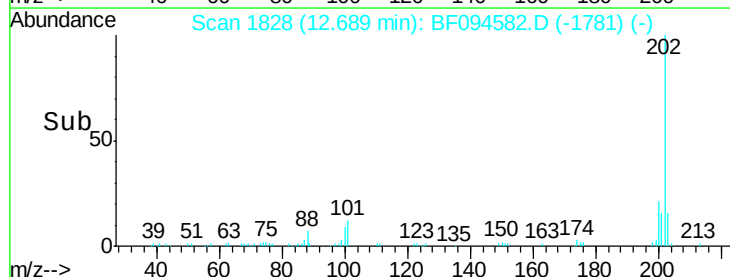
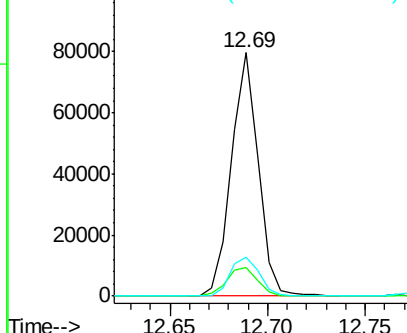


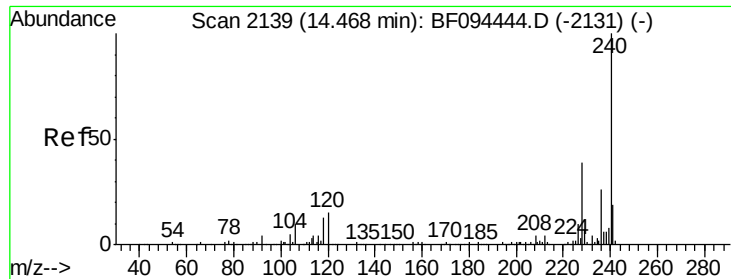
#74
 Fluoranthene
 Concen: 3.05 ng
 RT: 12.69 min Scan# 1828
 Delta R.T. -0.02 min
 Lab File: BF094582.D
 Acq: 24 Apr 2017 13:49

Tgt Ion:202 Resp: 76271
 Ion Ratio Lower Upper
 202 100
 101 11.8 0.0 33.2
 203 16.1 0.0 38.1



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: 14.45 min Scan# 2127

Delta R.T. -0.02 min

Lab File: BF094582.D

Acq: 24 Apr 2017 13:49

Instrument :

BNA_F

ClientSampleId :

DUP-01

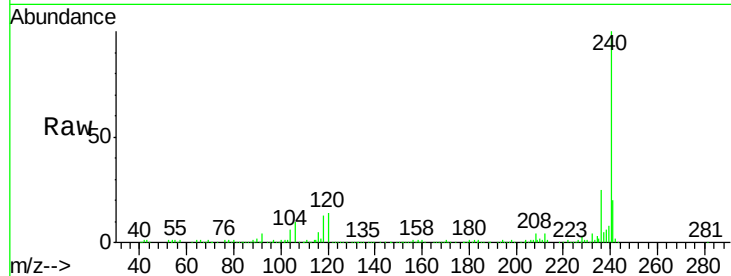
Tot Ion:240 Resp: 290127

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

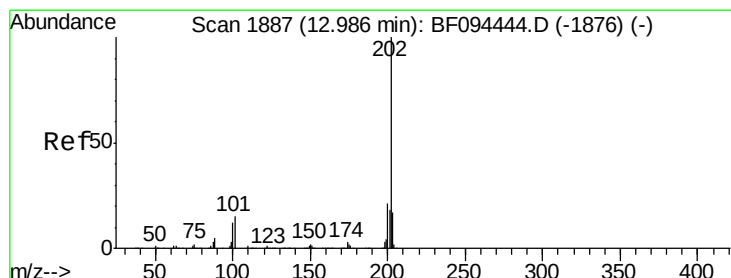
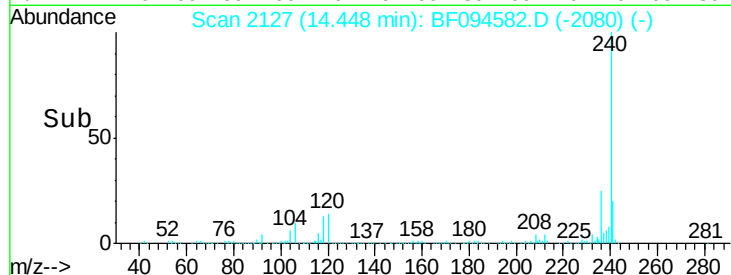
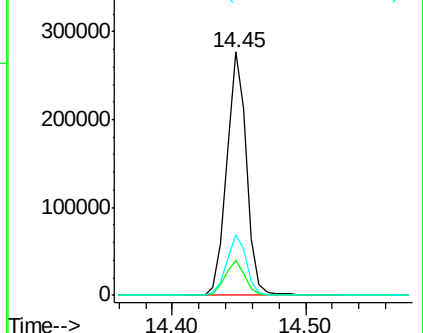
236 25.1 20.5 30.7



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: 3.17 ng

RT: 12.97 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BF094582.D

Acq: 24 Apr 2017 13:49

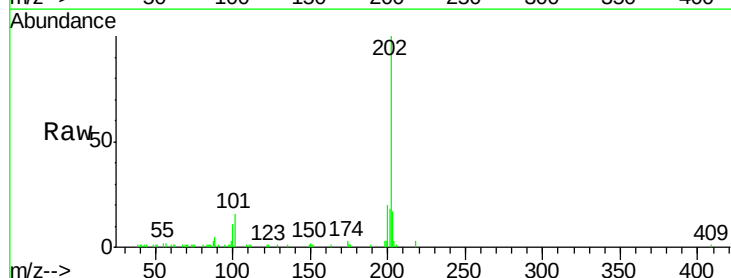
Tgt Ion:202 Resp: 64273

Ion Ratio Lower Upper

202 100

200 20.1 17.6 26.4

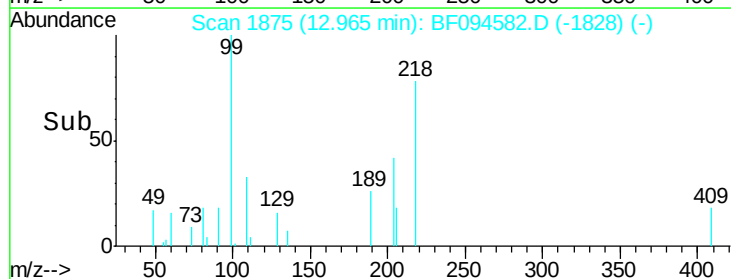
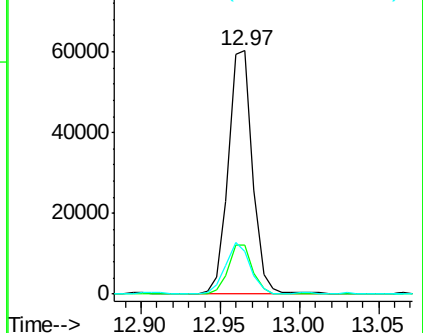
203 17.5 14.4 21.6

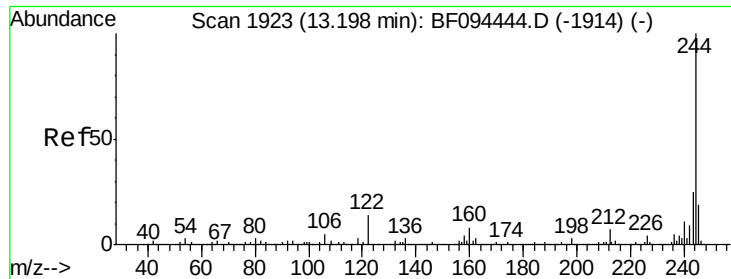


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

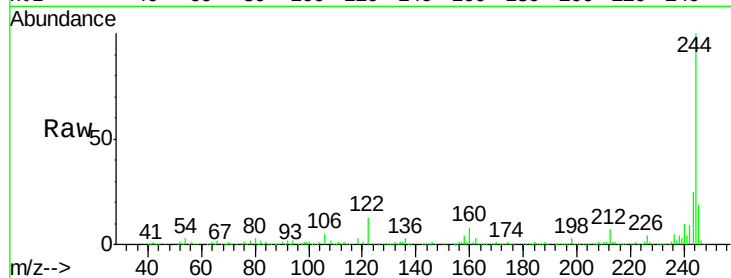




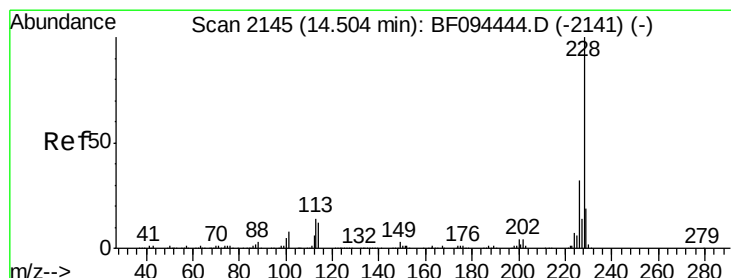
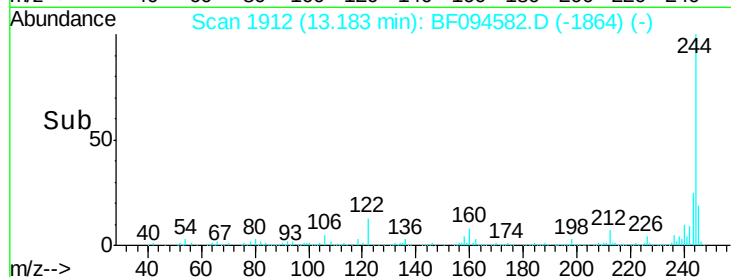
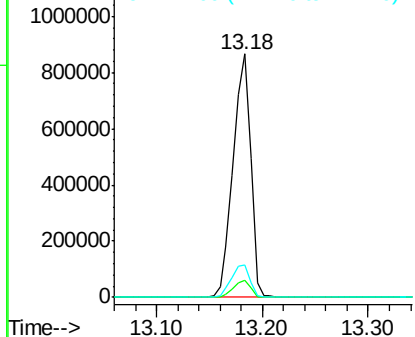
#78
 Terphenyl-d14
 Concen: 91.72 ng
 RT: 13.18 min Scan# 1912
 Delta R.T. -0.01 min
 Lab File: BF094582.D
 Acq: 24 Apr 2017 13:49

Instrument :
 BNA_F
 ClientSampled :
 DUP-01

Tot Ion:244 Resp: 995554
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.5 10.3 15.5

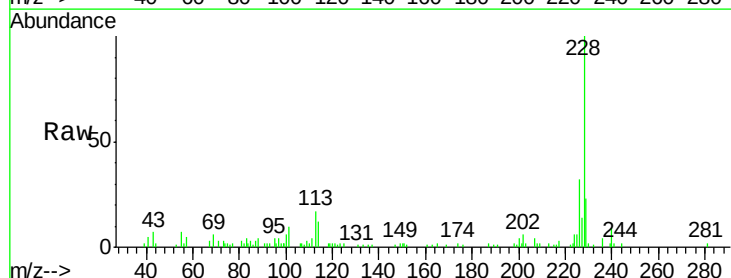


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

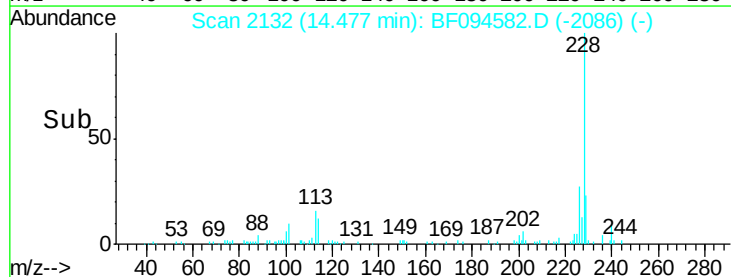
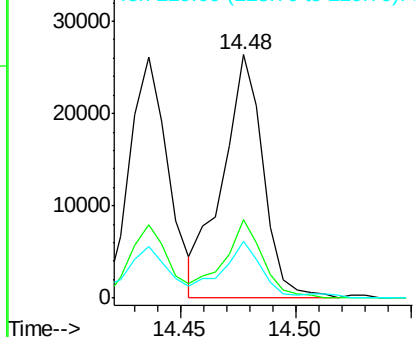


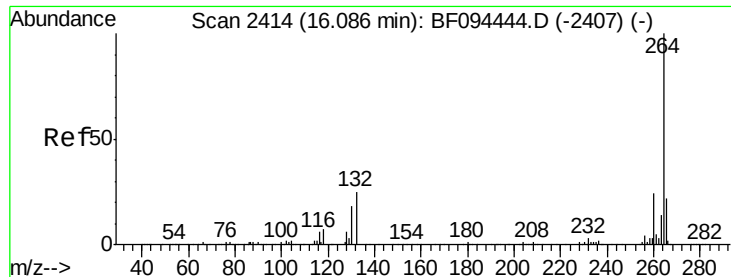
#82
 Chrysene
 Concen: 2.11 ng
 RT: 14.48 min Scan# 2132
 Delta R.T. -0.03 min
 Lab File: BF094582.D
 Acq: 24 Apr 2017 13:49

Tgt Ion:228 Resp: 32507
 Ion Ratio Lower Upper
 228 100
 226 32.4 24.9 37.3
 229 23.1 15.8 23.6



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

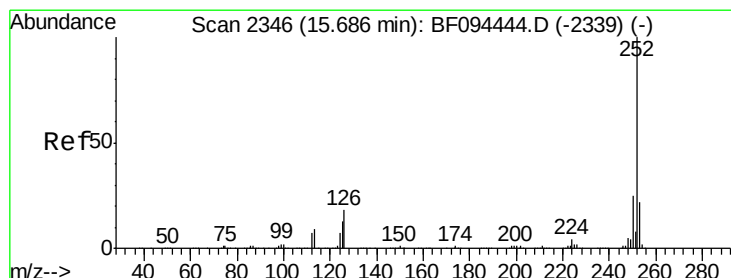
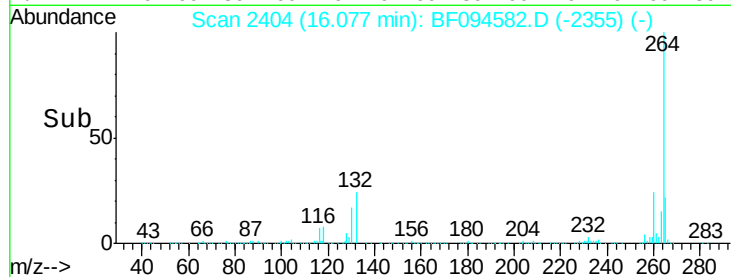
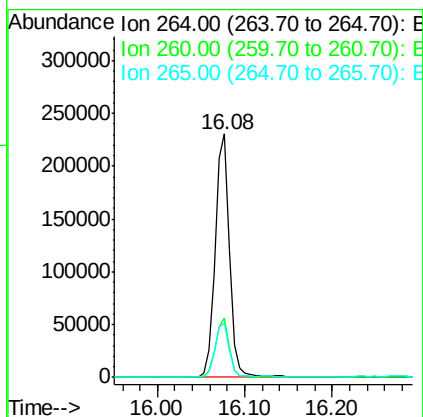
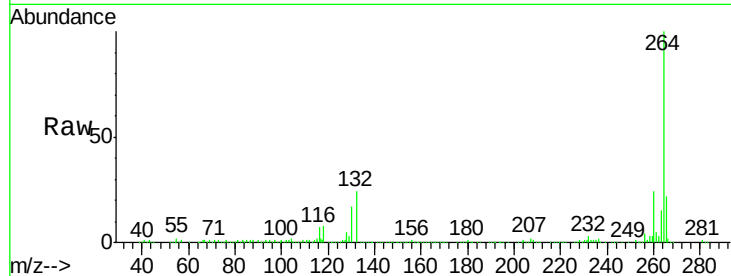




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BF094582.D
Acq: 24 Apr 2017 13:49

Instrument :
BNA_F
ClientSampleId :
DUP-01

Tot Ion:264 Resp: 264048
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 22.4 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 2.60 ng m
RT: 15.67 min Scan# 2335
Delta R.T. -0.01 min
Lab File: BF094582.D
Acq: 24 Apr 2017 13:49

Tgt Ion:252 Resp: 42008
Ion Ratio Lower Upper
252 100
253 23.7 18.1 27.1
125 18.1 9.8 14.8#

