

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094781.D
 Acq On : 2 May 2017 6:24
 Operator : SJ/MA
 Sample : I2892-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AST-E(2.5-3)

Quant Time: May 02 07:25:32 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

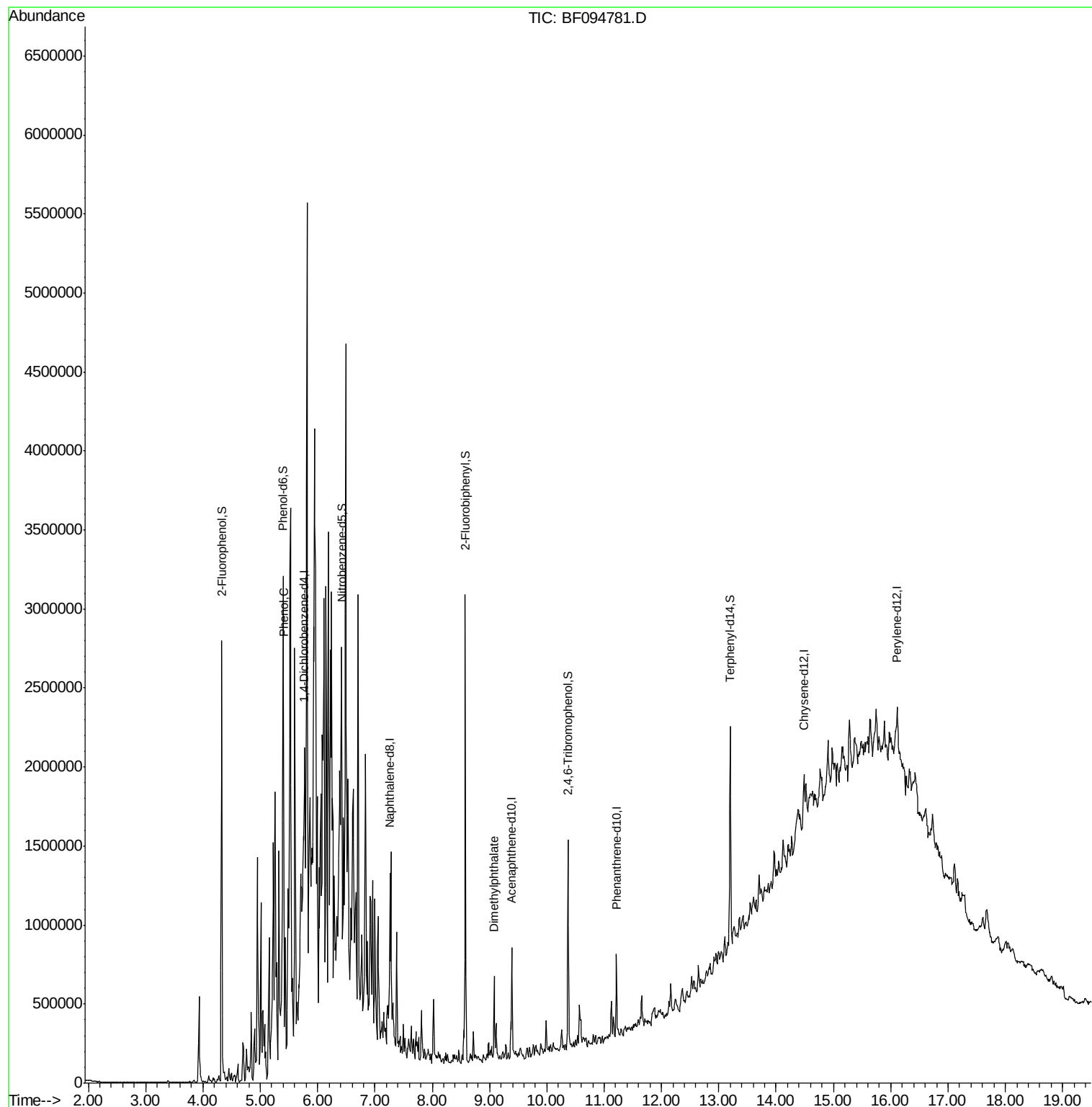
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	86271	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	350572	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	148603	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	216922	20.00	ng	0.00
75) Chrysene-d12	14.48	240	170674	20.00	ng	0.01
86) Perylene-d12	16.12	264	120883	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	909221	174.85	ng	0.02
7) Phenol-d6	5.40	99	1091864	178.11	ng	0.00
23) Nitrobenzene-d5	6.42	82	701138	123.50	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	173954	149.66	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1113184	110.22	ng	0.00
78) Terphenyl-d14	13.20	244	693348	108.59	ng	0.00
Target Compounds						
10) Phenol	5.41	94	28223	3.75	ng	99
49) Dimethylphthalate	9.08	163	259992	23.48	ng	98

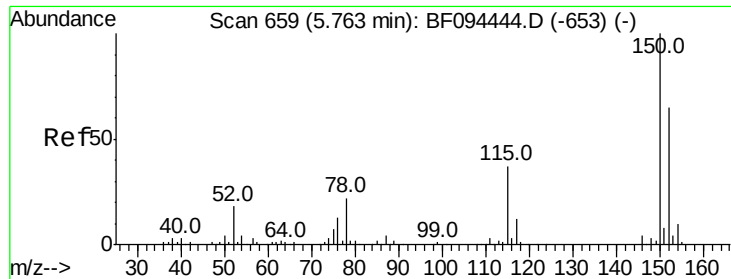
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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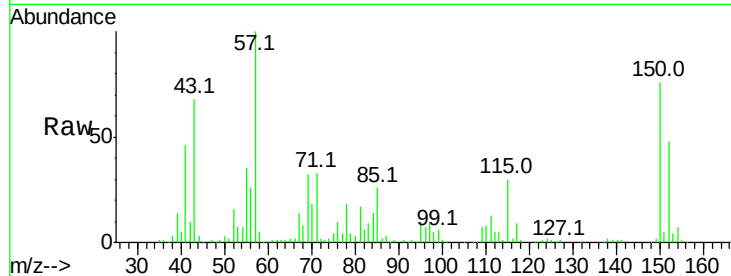


#1

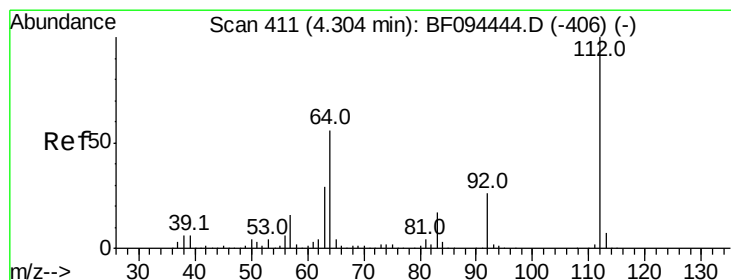
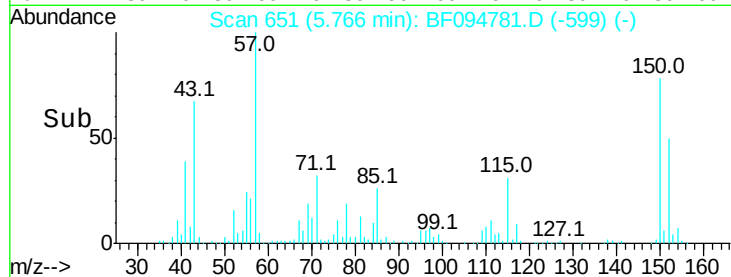
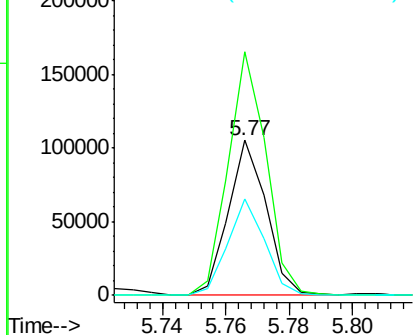
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094781.D
Acq: 2 May 2017 6:24

Instrument :
BNA_F
ClientSampleId :
AST-E(2.5-3)

Tot Ion:152 Resp: 86271
Ion Ratio Lower Upper
152 100
150 157.0 126.2 189.2
115 62.3 52.2 78.2



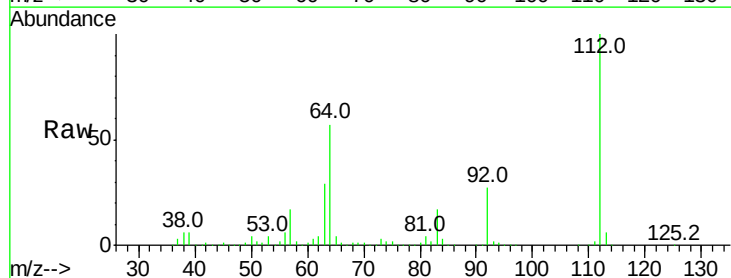
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



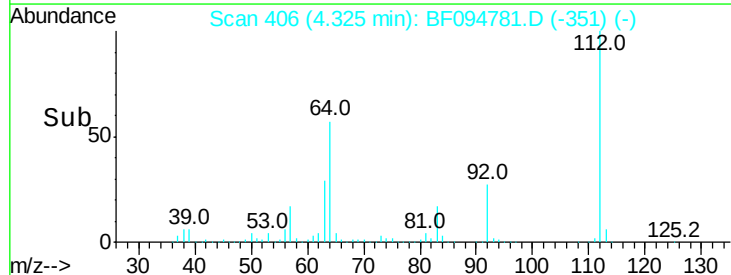
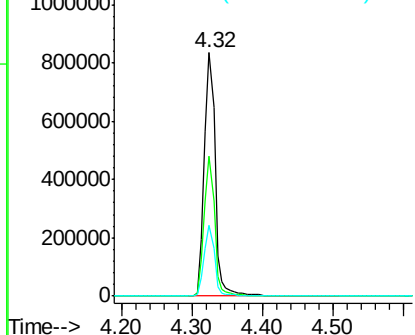
#5

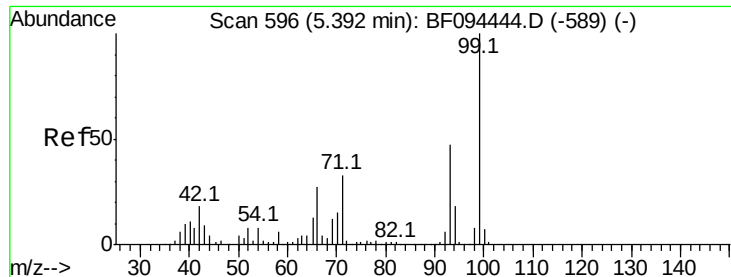
2-Fluorophenol
Concen: 174.85 ng
RT: 4.32 min Scan# 406
Delta R.T. 0.02 min
Lab File: BF094781.D
Acq: 2 May 2017 6:24

Tgt Ion:112 Resp: 909221
Ion Ratio Lower Upper
112 100
64 57.3 46.0 69.0
63 29.0 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: 178.11 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094781.D

Acq: 2 May 2017 6:24

Instrument :

BNA_F

ClientSampleId :

AST-E(2.5-3)

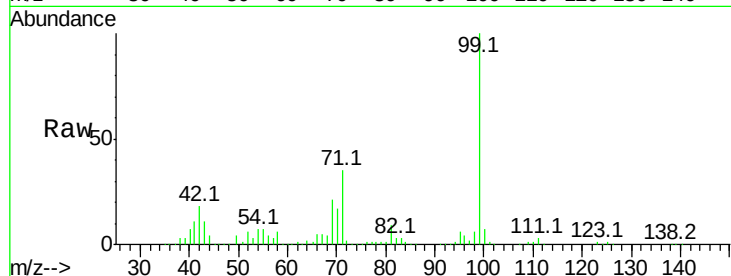
Tot Ion: 99 Resp: 1091864

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

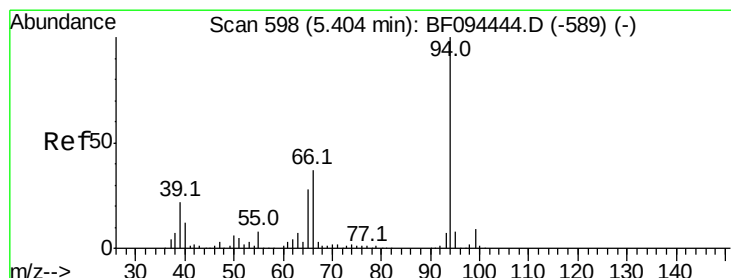
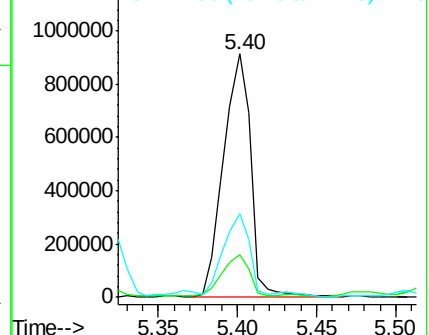
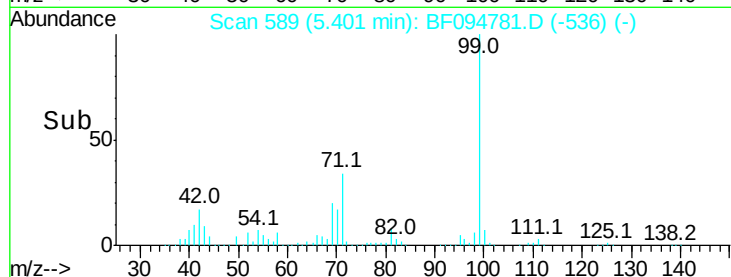
71 34.6 24.5 36.7



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: 3.75 ng

RT: 5.41 min Scan# 591

Delta R.T. 0.01 min

Lab File: BF094781.D

Acq: 2 May 2017 6:24

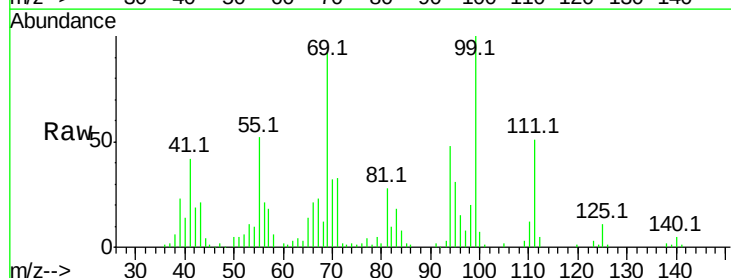
Tgt Ion: 94 Resp: 28223

Ion Ratio Lower Upper

94 100

65 30.2 9.9 49.9

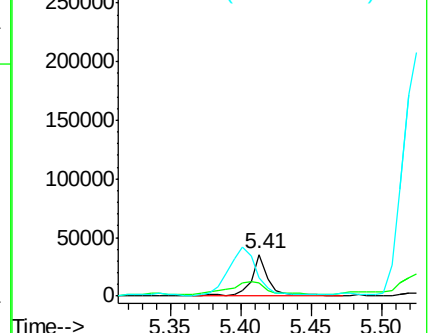
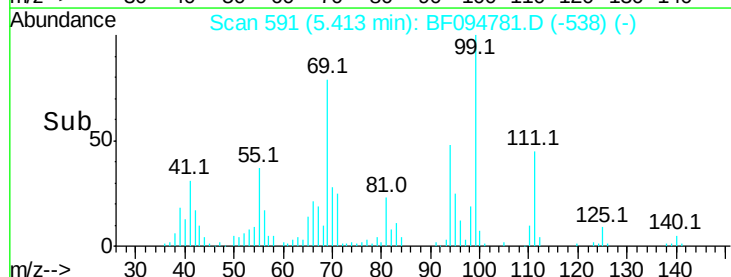
66 43.5 23.1 63.1

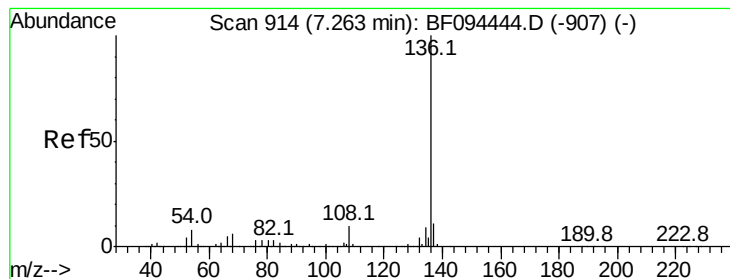


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 7.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF094781.D

Acq: 2 May 2017 6:24

Instrument :

BNA_F

ClientSampleId :

AST-E(2.5-3)

Tot Ion:136 Resp: 350572

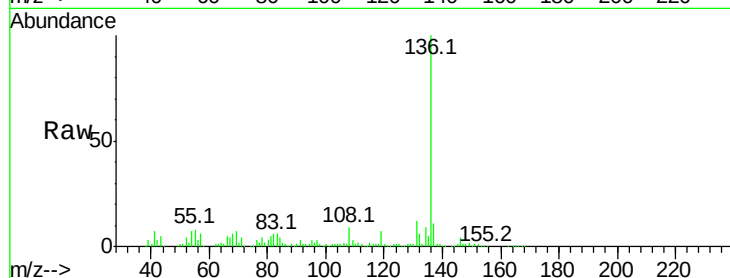
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.4 4.9 7.3#

68 6.2 4.1 6.1#

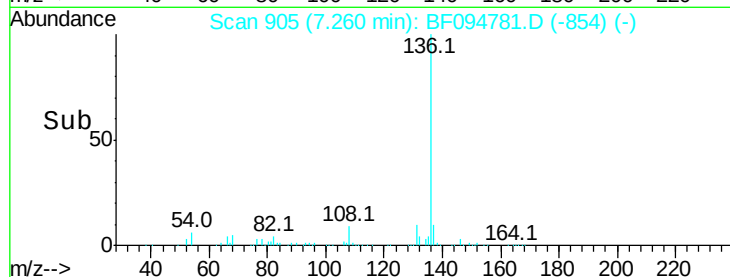


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

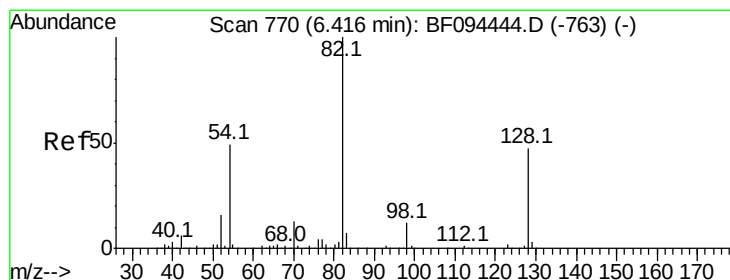
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

7.20 7.25 7.30 7.35



#23

Nitrobenzene-d5

Concen: 123.50 ng

RT: 6.42 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF094781.D

Acq: 2 May 2017 6:24

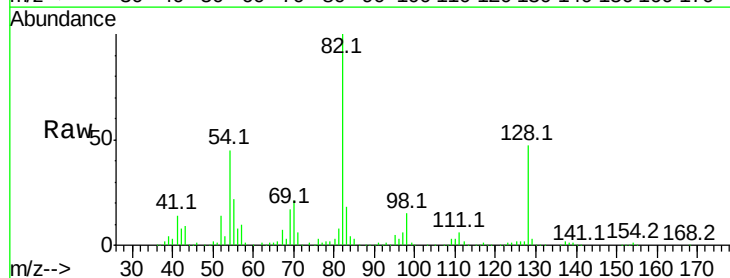
Tgt Ion: 82 Resp: 701138

Ion Ratio Lower Upper

82 100

128 46.5 34.0 51.0

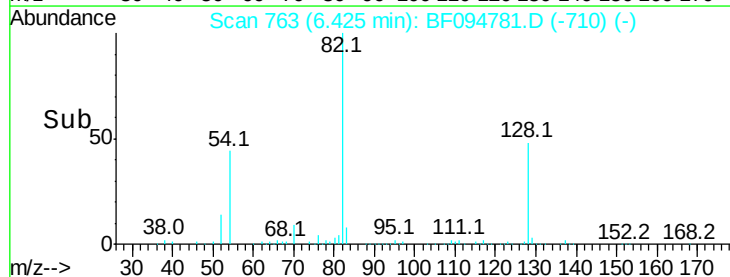
54 45.4 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

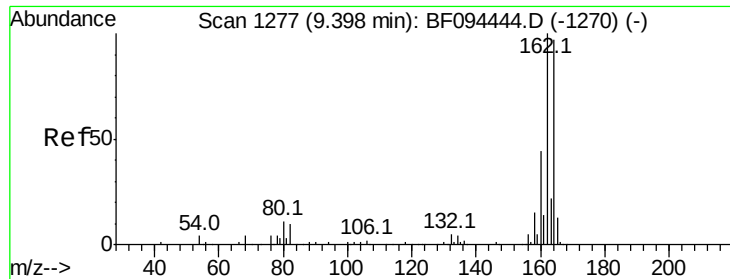
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

6.35 6.40 6.45



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.39 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF094781.D

Acq: 2 May 2017 6:24

Instrument :

BNA_F

ClientSampleId :

AST-E(2.5-3)

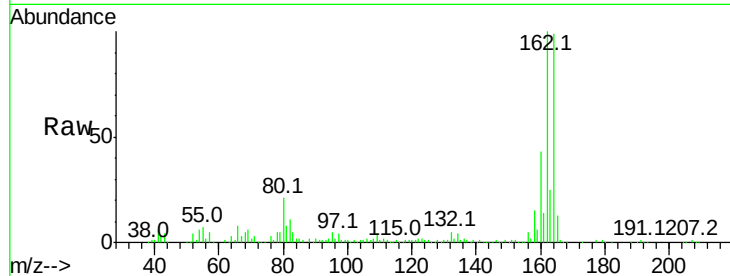
Tot Ion:164 Resp: 148603

Ion Ratio Lower Upper

164 100

162 101.2 82.6 123.8

160 43.1 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

9.39

200000

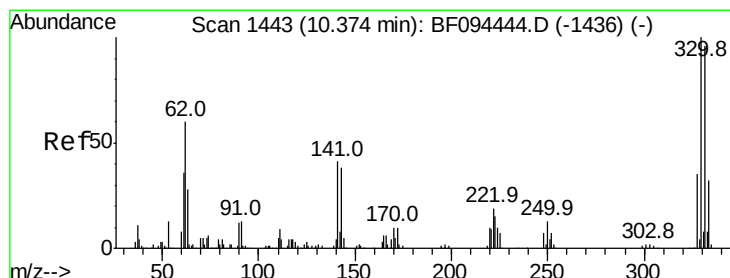
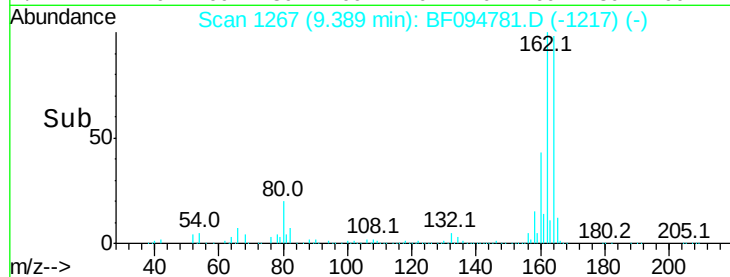
150000

100000

50000

0

Time--> 9.30 9.40 9.50



#41

2,4,6-Tribromophenol

Concen: 149.66 ng

RT: 10.37 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF094781.D

Acq: 2 May 2017 6:24

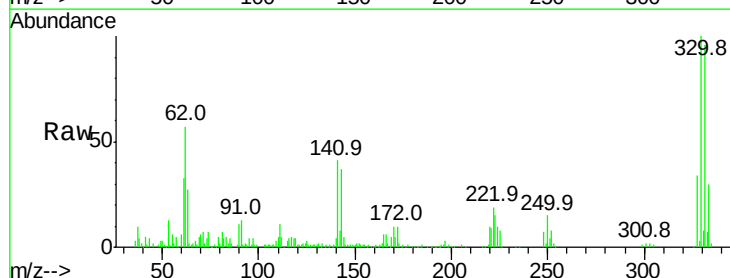
Tgt Ion:330 Resp: 173954

Ion Ratio Lower Upper

330 100

332 96.3 76.6 115.0

141 40.8 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

10.37

200000

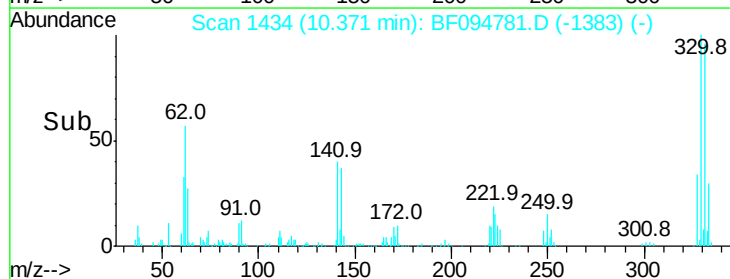
150000

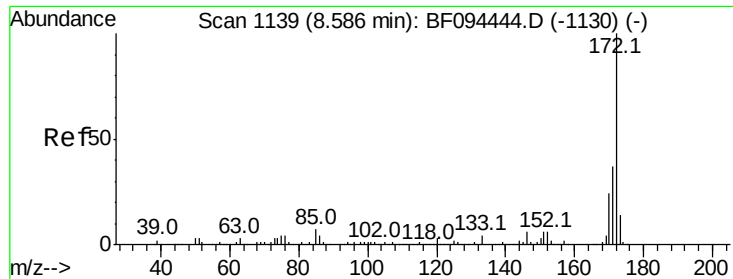
100000

50000

0

Time--> 10.30 10.40 10.50

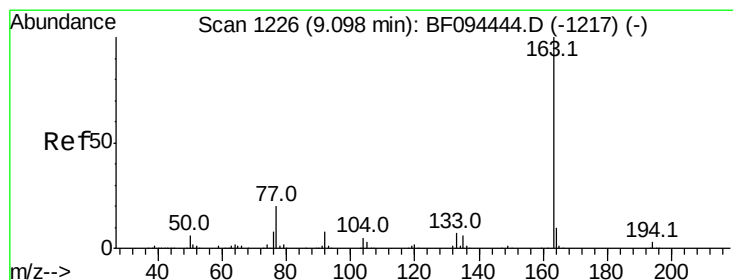
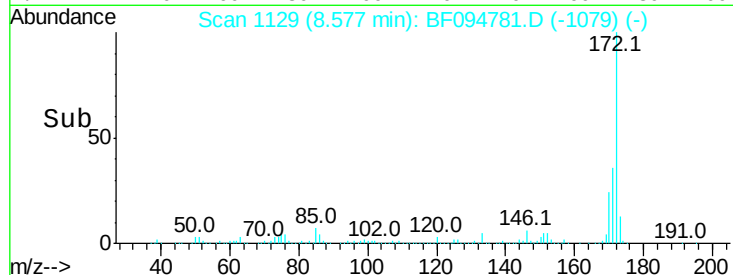
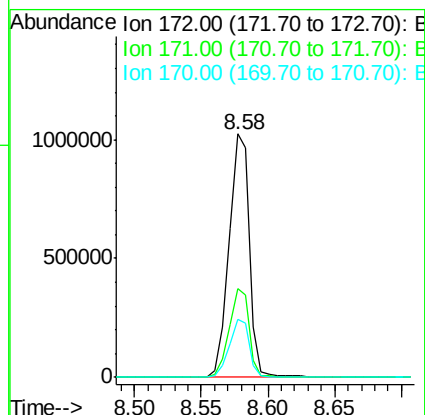
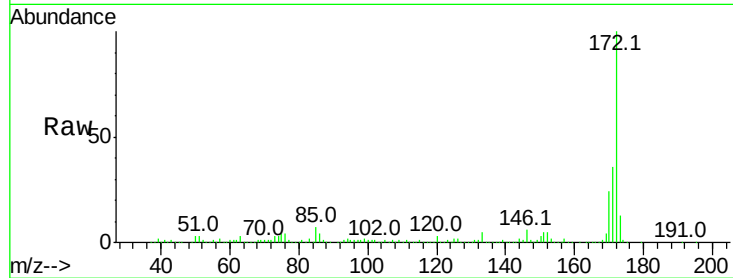




#44
2-Fluorobiphenyl
Concen: 110.22 ng
RT: 8.58 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF094781.D
Acq: 2 May 2017 6:24

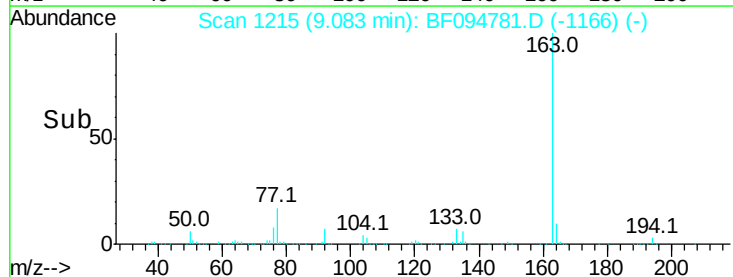
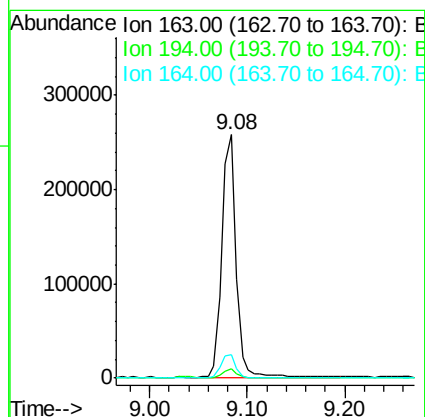
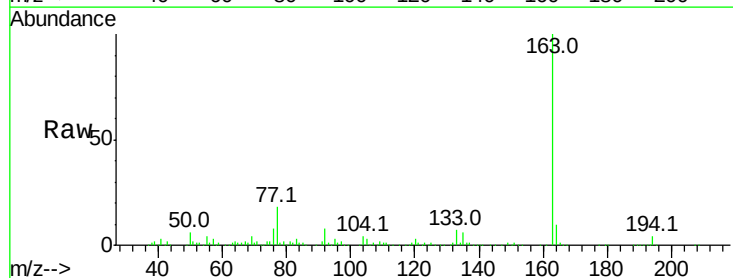
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AST-E(2.5-3)

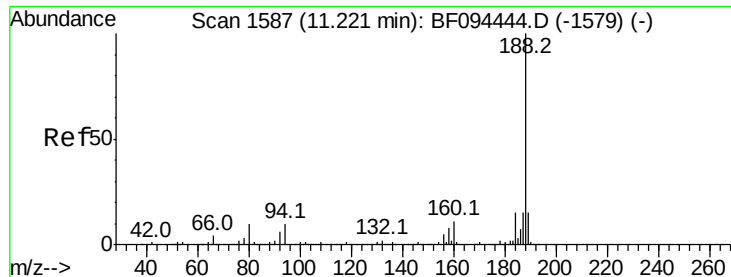
Tot Ion:172 Resp: 1113184
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.6 19.8 29.8



#49
Dimethylphthalate
Concen: 23.48 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094781.D
Acq: 2 May 2017 6:24

Tgt Ion:163 Resp: 259992
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.7 8.4 12.6

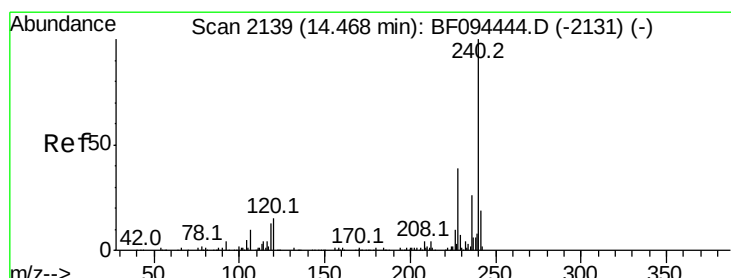
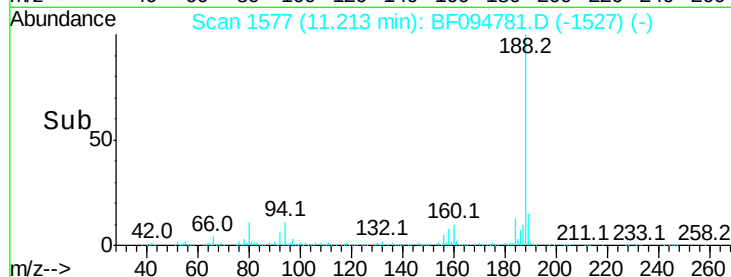
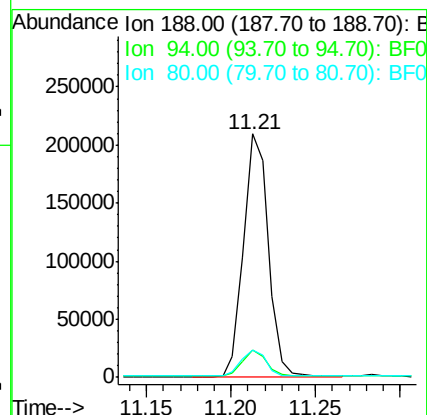
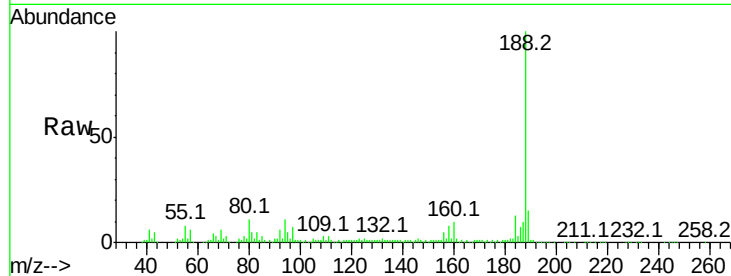




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094781.D
Acq: 2 May 2017 6:24

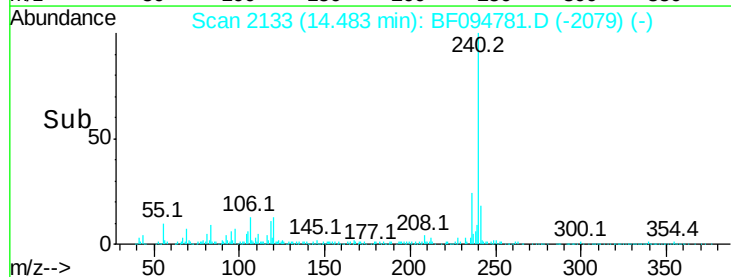
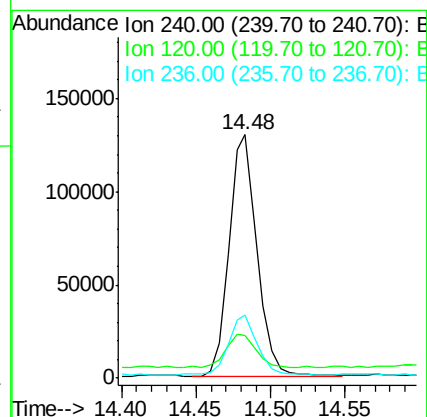
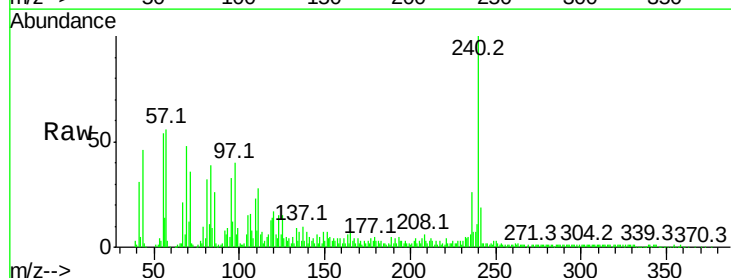
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AST-E(2.5-3)

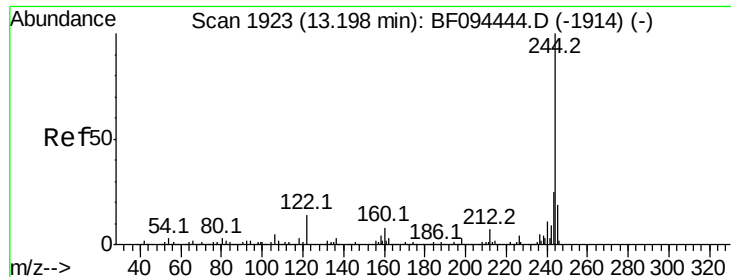
Tot Ion:188 Resp: 216922
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 11.4 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.48 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BF094781.D
Acq: 2 May 2017 6:24

Tgt Ion:240 Resp: 170674
Ion Ratio Lower Upper
240 100
120 17.3 5.8 8.8#
236 26.0 20.5 30.7





#78

Terphenyl-d14

Concen: 108.59 ng

RT: 13.20 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BF094781.D

Acq: 2 May 2017 6:24

Instrument :

BNA_F

ClientSampleId :

AST-E(2.5-3)

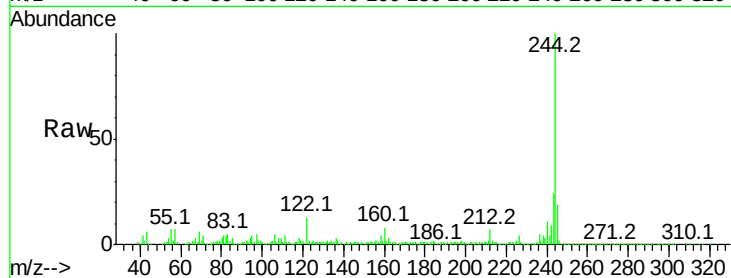
Tot Ion:244 Resp: 693348

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

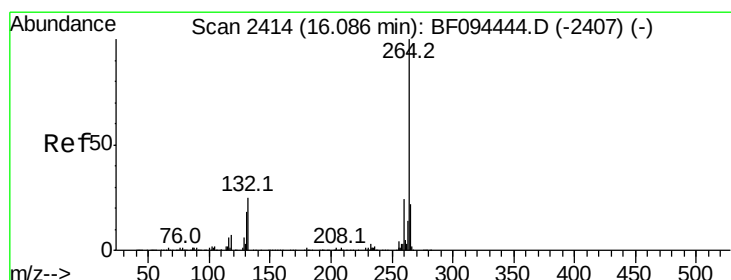
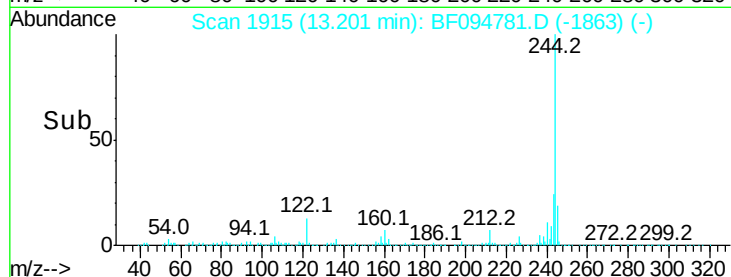
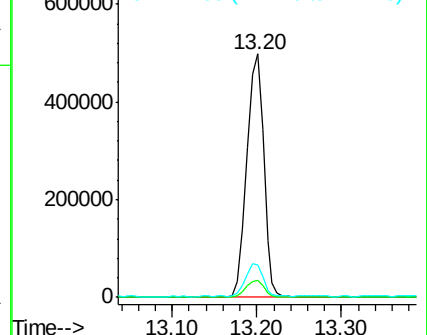
122 13.1 10.3 15.5



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# 2411

Delta R.T. 0.03 min

Lab File: BF094781.D

Acq: 2 May 2017 6:24

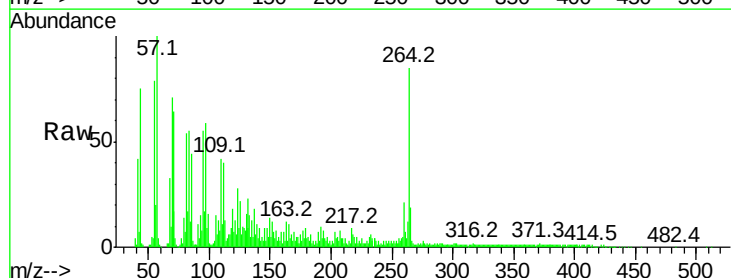
Tgt Ion:264 Resp: 120883

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 22.8 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

