

Data Path : Z:\HPCHEM1\BNA F\Data\BF040717\
 Data File : BF094277.D
 Acq On : 7 Apr 2017 17:17
 Operator : SJ/MA
 Sample : I2585-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 22A

Quant Time: Apr 07 18:06:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

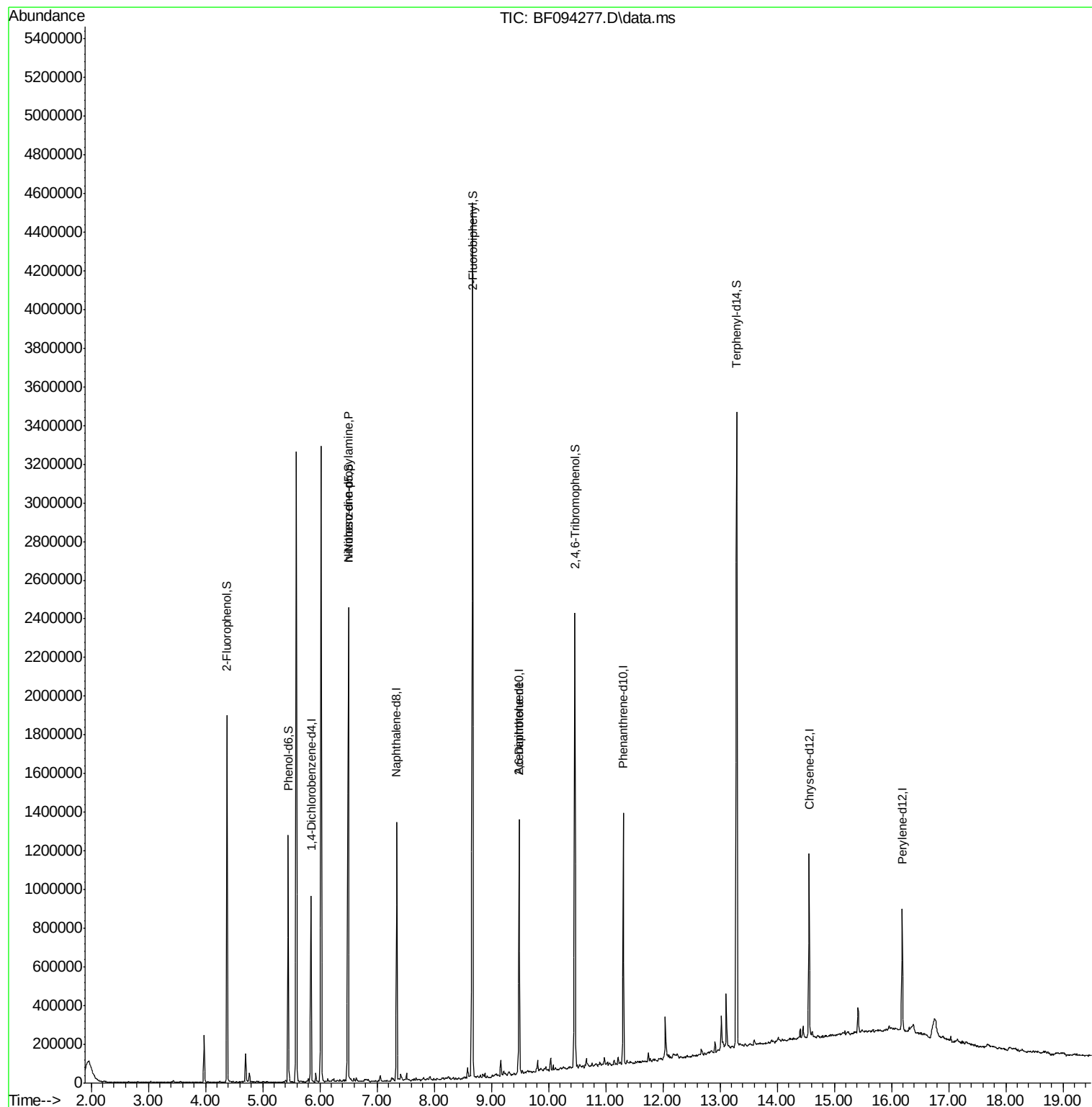
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.845	152	158585	20.00	ng	-0.01
21) Naphthalene-d8	7.345	136	635980	20.00	ng	-0.02
38) Acenaphthene-d10	9.486	164	291173	20.00	ng	-0.01
63) Phenanthrene-d10	11.310	188	501561	20.00	ng	-0.01
75) Chrysene-d12	14.562	240	378525	20.00	ng	-0.01
86) Perylene-d12	16.192	264	272208	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.375	112	555294	59.14	ng	-0.01
7) Phenol-d6	5.445	99	419580	36.12	ng	-0.02
23) Nitrobenzene-d5	6.498	82	1008982	90.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.463	330	329141	143.05	ng	-0.01
44) 2-Fluorobiphenyl	8.675	172	1775440	93.00	ng	-0.01
78) Terphenyl-d14	13.292	244	1326850	78.57	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	6.498	70	131864	17.66	ng	# 77
50) 2,6-Dinitrotoluene	9.486	165	36868	7.77	ng	# 34

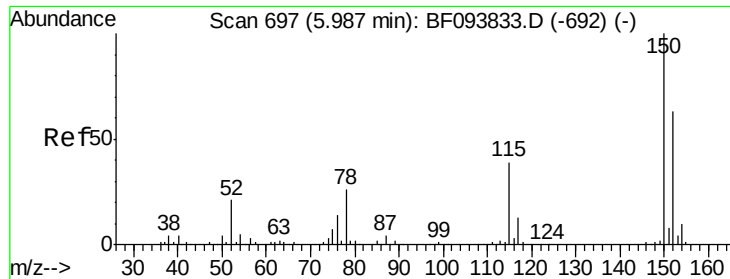
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.845 min Scan# 67

Delta R.T. -0.012 min

Lab File: BF094277.D

Acq: 7 Apr 2017 17:17

Instrument :

BNA_F

ClientSampleId :

22A

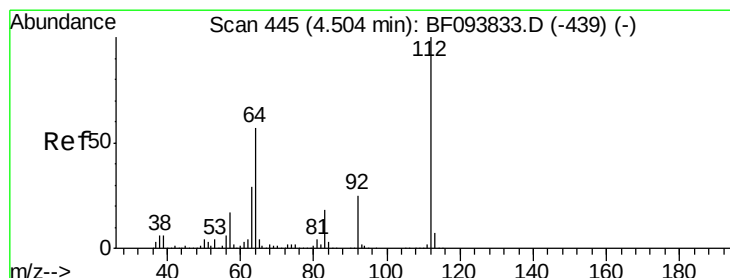
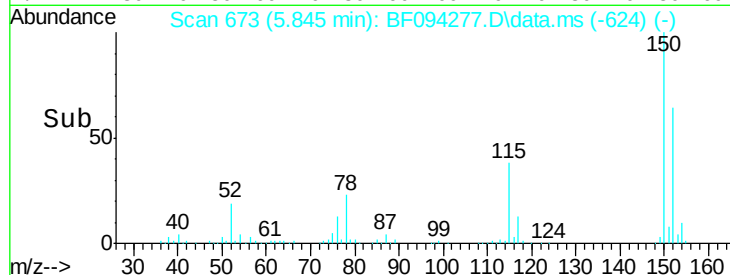
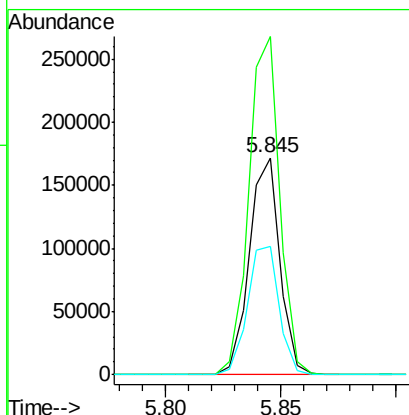
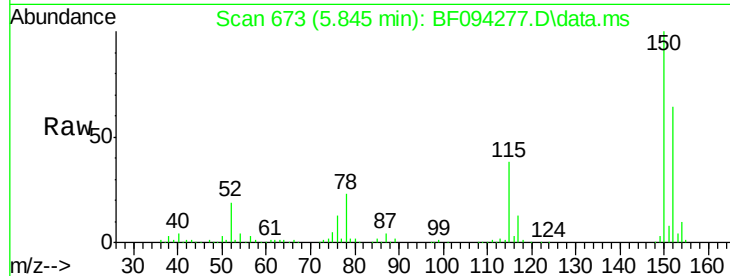
Tot Ion:152 Resp: 158585

Ion Ratio Lower Upper

152 100

150 156.0 126.2 189.2

115 59.4 52.2 78.2



#5

2-Fluorophenol

Concen: 59.14 ng

RT: 4.375 min Scan# 423

Delta R.T. -0.012 min

Lab File: BF094277.D

Acq: 7 Apr 2017 17:17

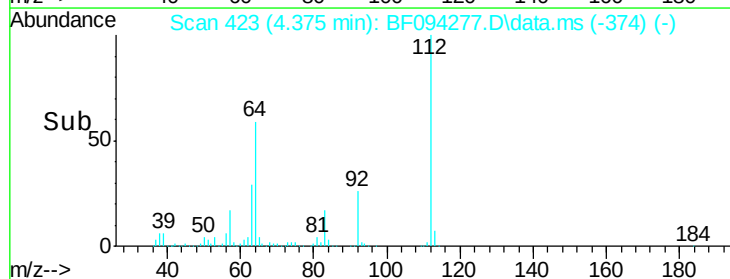
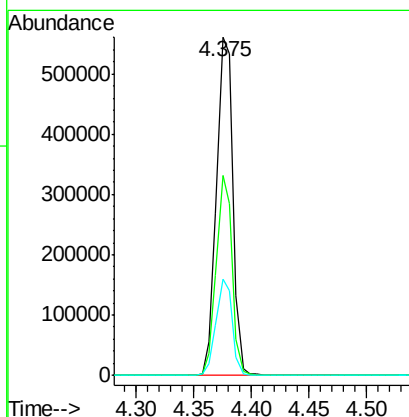
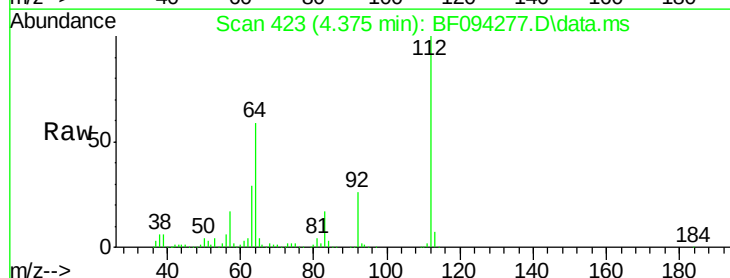
Tgt Ion:112 Resp: 555294

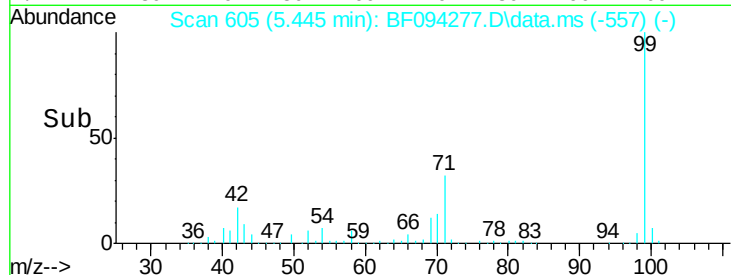
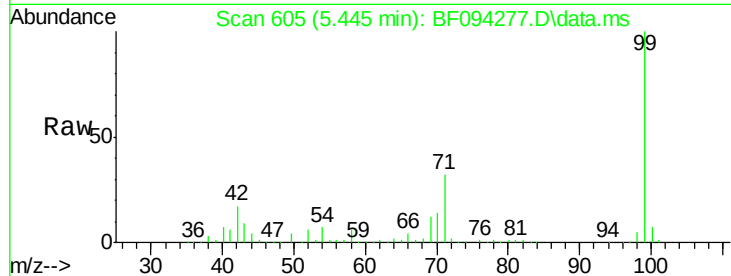
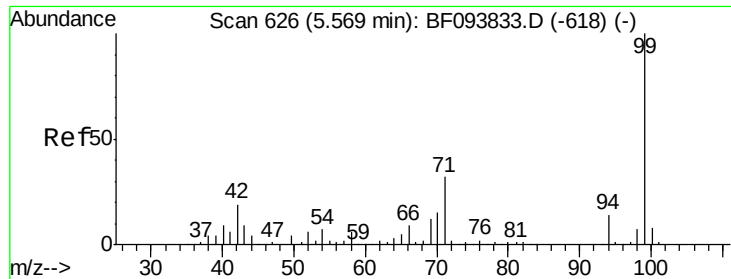
Ion Ratio Lower Upper

112 100

64 59.0 46.0 69.0

63 28.5 23.4 35.0





#7

Phenol-d6

Concen: 36.12 ng

RT: 5.445 min Scan# 60

Delta R.T. -0.018 min

Lab File: BF094277.D

Acq: 7 Apr 2017 17:17

Instrument :

BNA_F

ClientSampled :

22A

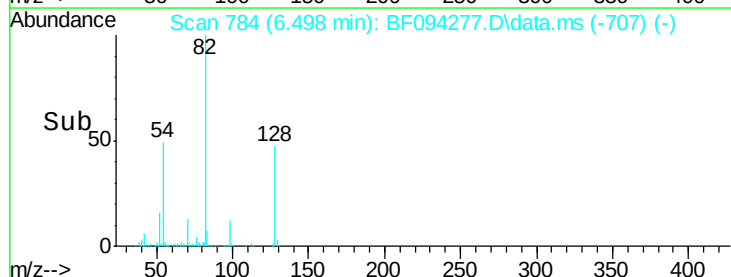
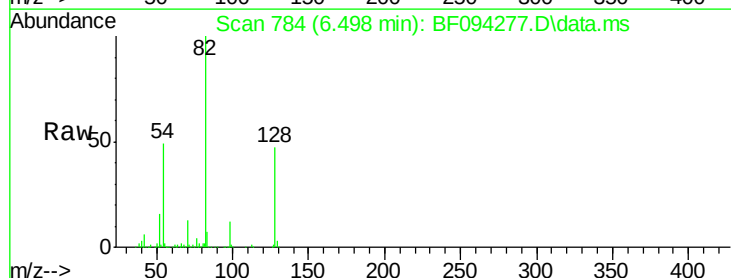
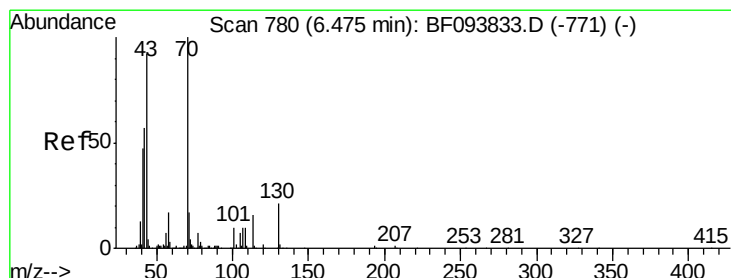
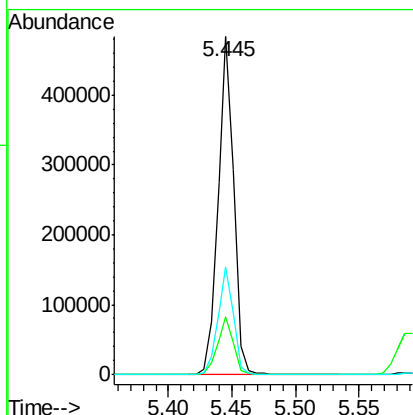
Tot Ion: 99 Resp: 419580

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

71 31.9 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 17.66 ng

RT: 6.498 min Scan# 784

Delta R.T. 0.153 min

Lab File: BF094277.D

Acq: 7 Apr 2017 17:17

Tgt Ion: 70 Resp: 131864

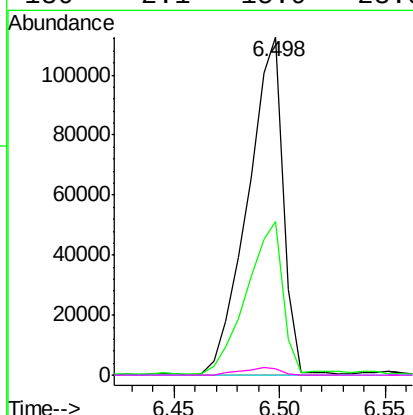
Ion Ratio Lower Upper

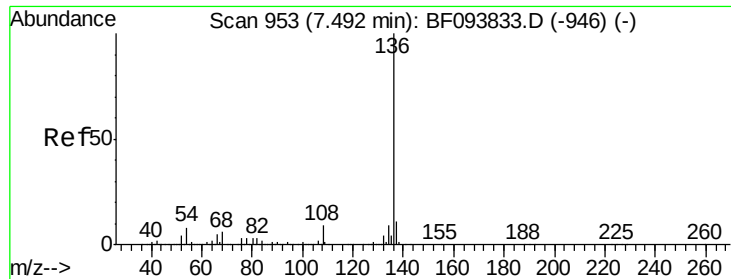
70 100

42 45.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.345 min Scan# 92

Delta R.T. -0.018 min

Lab File: BF094277.D

Acq: 7 Apr 2017 17:17

Instrument :

BNA_F

ClientSampleId :

22A

Tot Ion:136 Resp: 635980

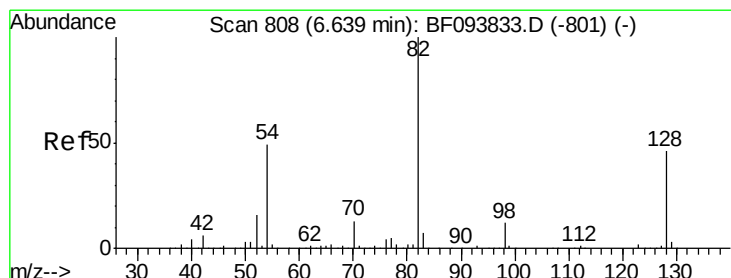
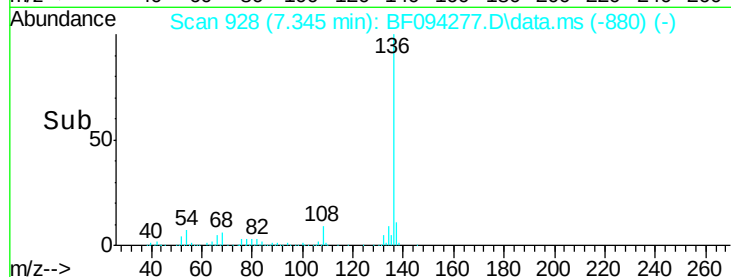
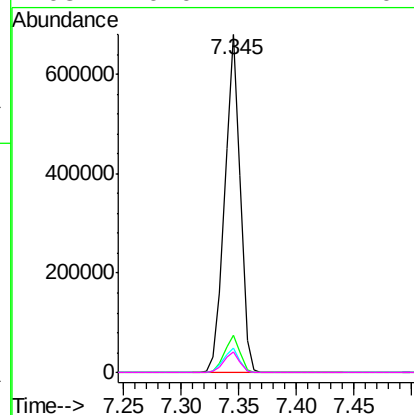
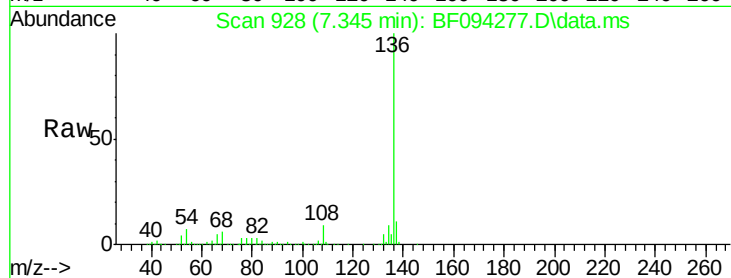
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.3 4.9 7.3

68 6.0 4.1 6.1



#23

Nitrobenzene-d5

Concen: 90.54 ng

RT: 6.498 min Scan# 784

Delta R.T. -0.012 min

Lab File: BF094277.D

Acq: 7 Apr 2017 17:17

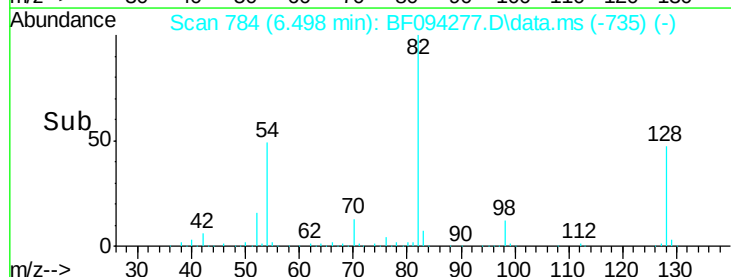
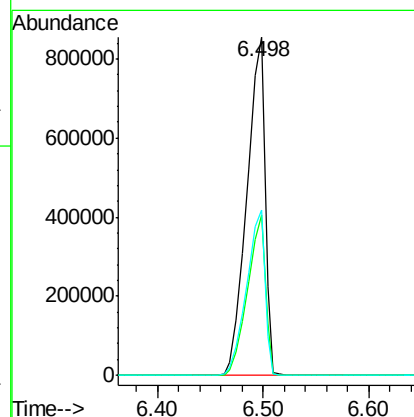
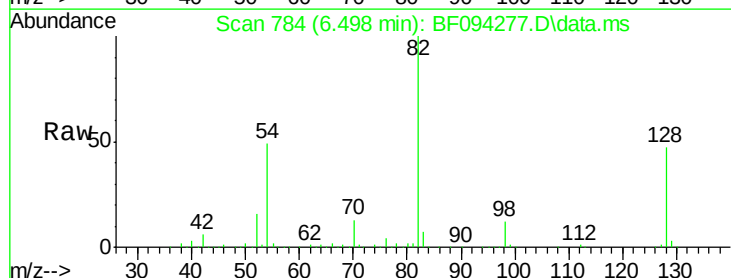
Tgt Ion: 82 Resp: 1008982

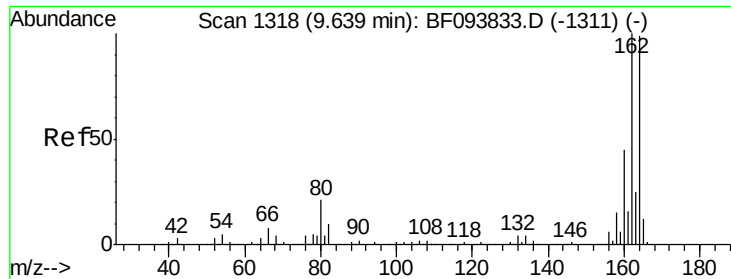
Ion Ratio Lower Upper

82 100

128 47.3 34.0 51.0

54 48.8 42.2 63.2

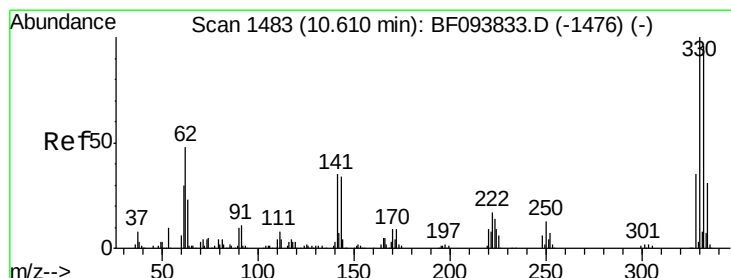
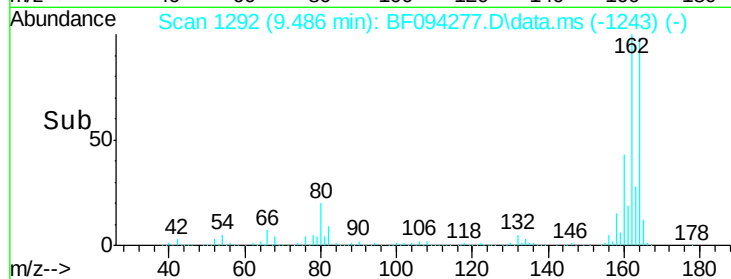
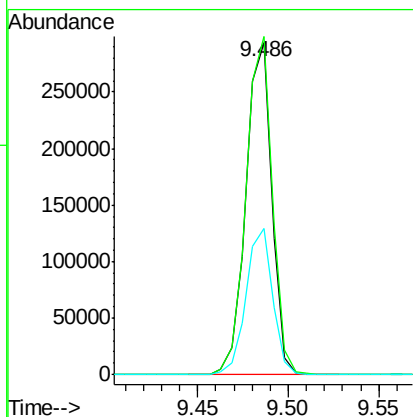
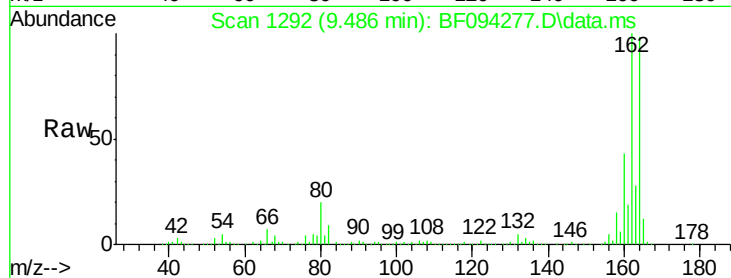




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.486 min Scan# 12
 Delta R.T. -0.012 min
 Lab File: BF094277.D
 Acq: 7 Apr 2017 17:17

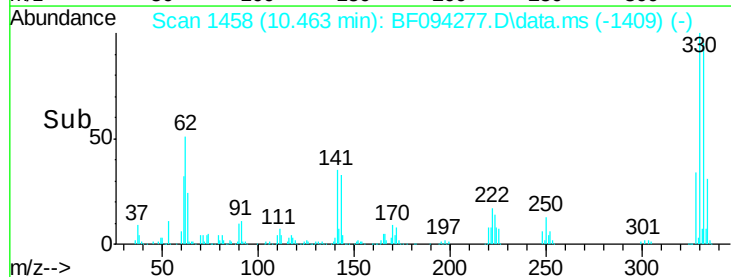
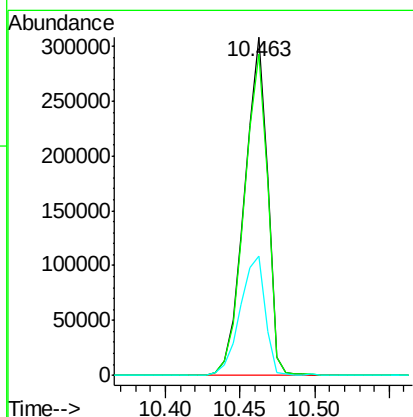
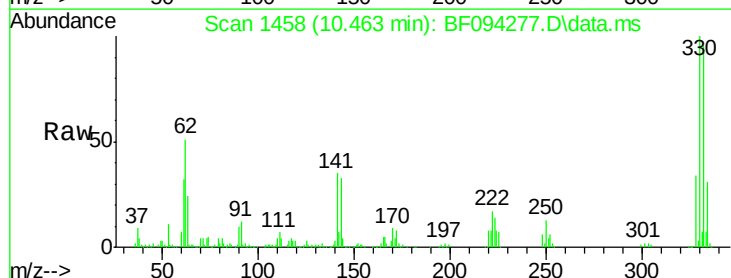
Instrument :
 BNA_F
 ClientSampleId :
 22A

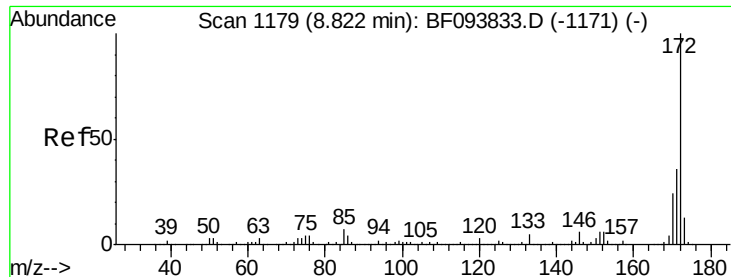
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	123.8
160	44.1	36.2	54.2



#41
 2,4,6-Tribromophenol
 Concen: 143.05 ng
 RT: 10.463 min Scan# 1458
 Delta R.T. -0.012 min
 Lab File: BF094277.D
 Acq: 7 Apr 2017 17:17

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	115.0
141	38.4	31.4	47.2

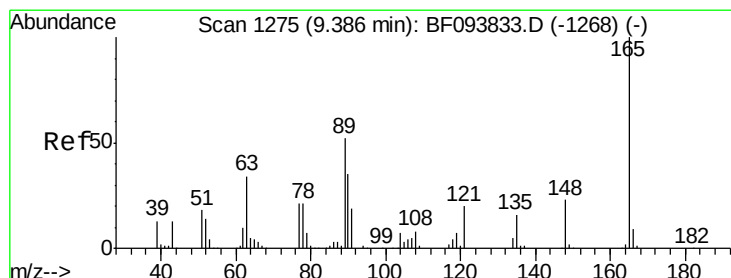
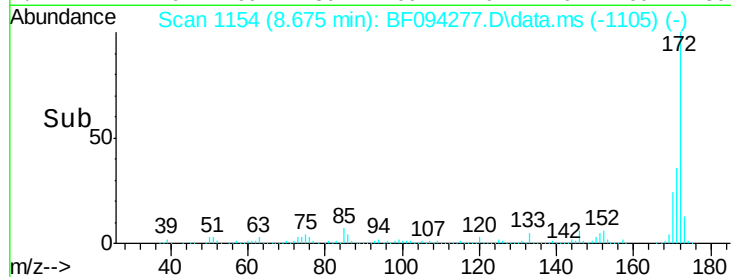
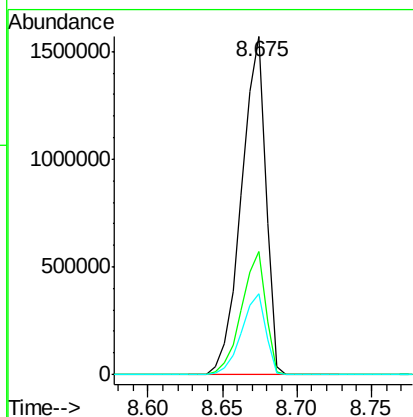
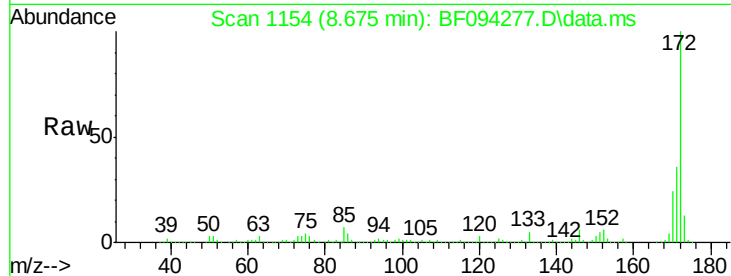




#44
 2-Fluorobiphenyl
 Concen: 93.00 ng
 RT: 8.675 min Scan# 1179
 Delta R.T. -0.012 min
 Lab File: BF094277.D
 Acq: 7 Apr 2017 17:17

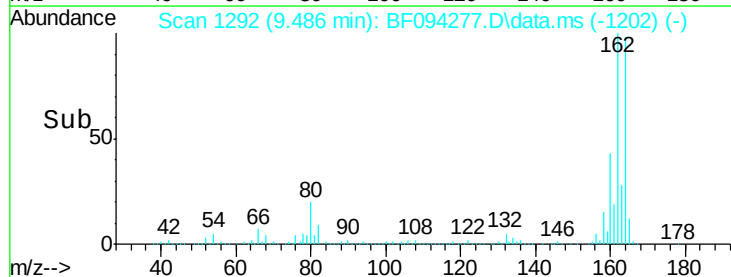
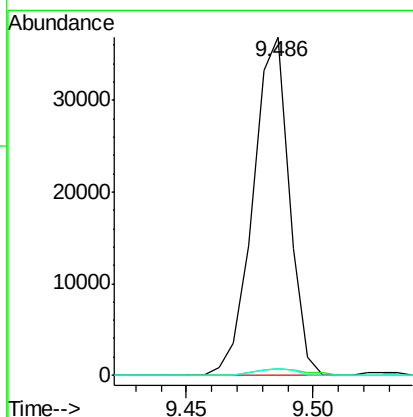
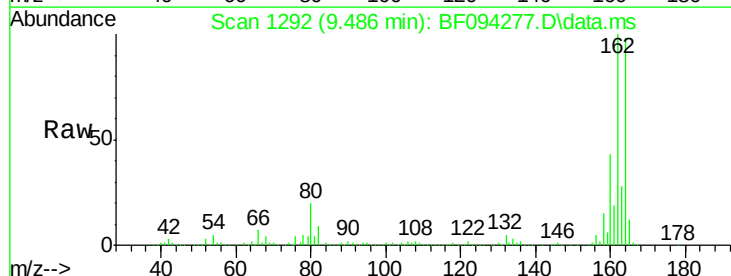
Instrument :
 BNA_F
 ClientSampleId :
 22A

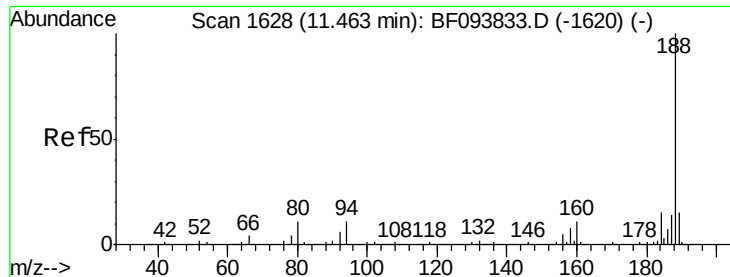
Tot Ion:172 Resp: 1775440
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.7 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 7.77 ng
 RT: 9.486 min Scan# 1292
 Delta R.T. 0.229 min
 Lab File: BF094277.D
 Acq: 7 Apr 2017 17:17

Tgt Ion:165 Resp: 36868
 Ion Ratio Lower Upper
 165 100
 63 1.9 34.3 51.5#
 89 1.8 37.1 55.7#

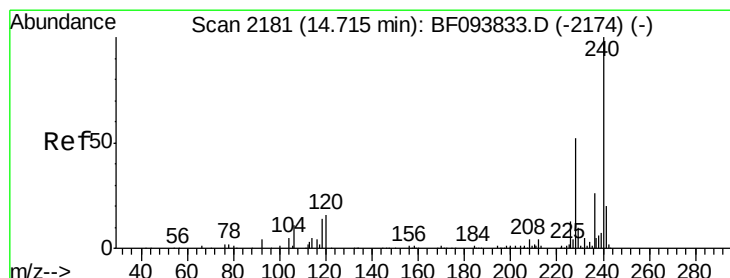
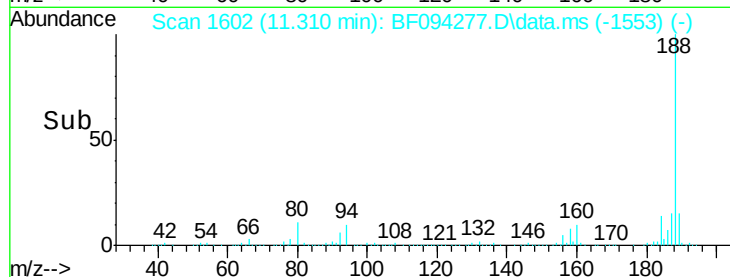
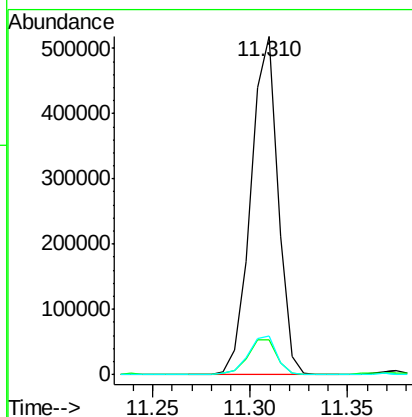
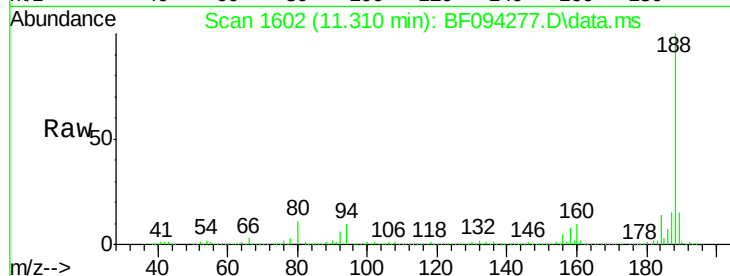




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.310 min Scan# 16
Delta R.T. -0.012 min
Lab File: BF094277.D
Acq: 7 Apr 2017 17:17

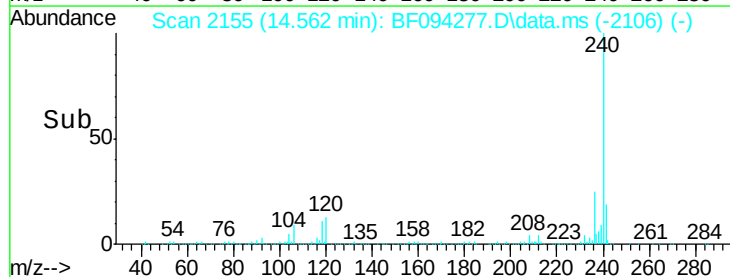
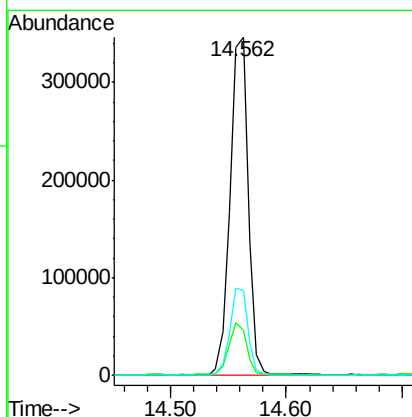
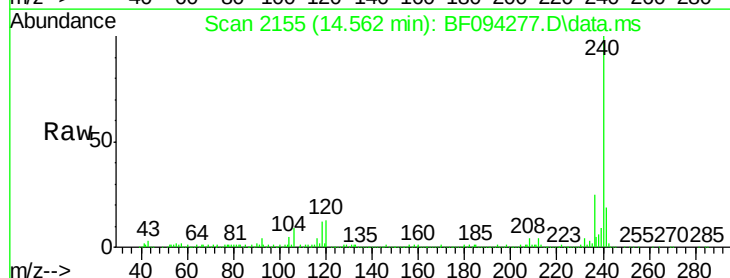
Instrument :
BNA_F
ClientSampleId :
22A

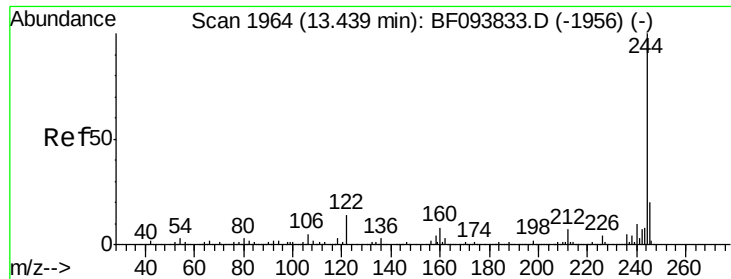
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	11.3	10.2	15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.562 min Scan# 2155
Delta R.T. -0.012 min
Lab File: BF094277.D
Acq: 7 Apr 2017 17:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.3	5.8	8.8#
236	25.2	20.5	30.7





#78

Terphenyl-d14

Concen: 78.57 ng

RT: 13.292 min Scan# 19

Delta R.T. -0.006 min

Lab File: BF094277.D

Acq: 7 Apr 2017 17:17

Instrument :

BNA_F

ClientSampleId :

22A

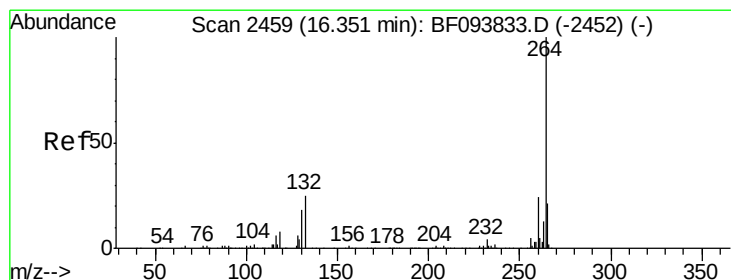
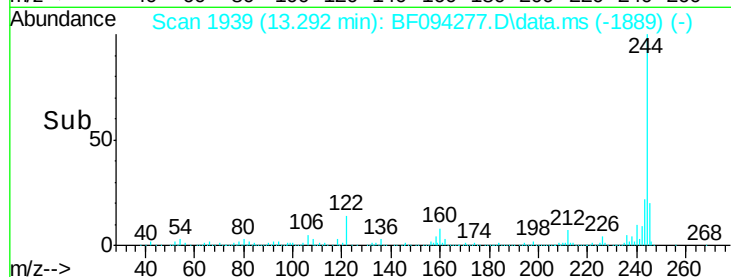
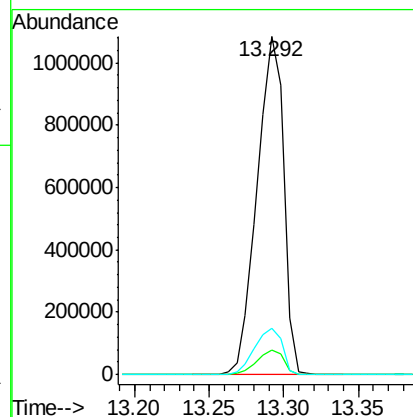
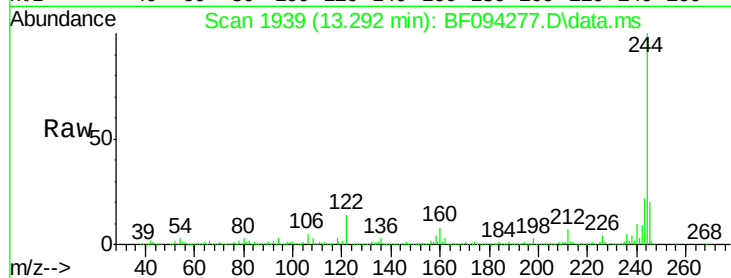
Tot Ion:244 Resp: 1326850

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 13.7 10.3 15.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.192 min Scan# 2432

Delta R.T. -0.000 min

Lab File: BF094277.D

Acq: 7 Apr 2017 17:17

Tgt Ion:264 Resp: 272208

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 21.1 17.2 25.8

