

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
 Data File : BF093397.D
 Acq On : 4 Mar 2017 10:44
 Operator : SJ/MA
 Sample : I2056-20 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 19B-19

Quant Time: Mar 06 00:48:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Mar 05 23:55:48 2017
 Response via : Initial Calibration

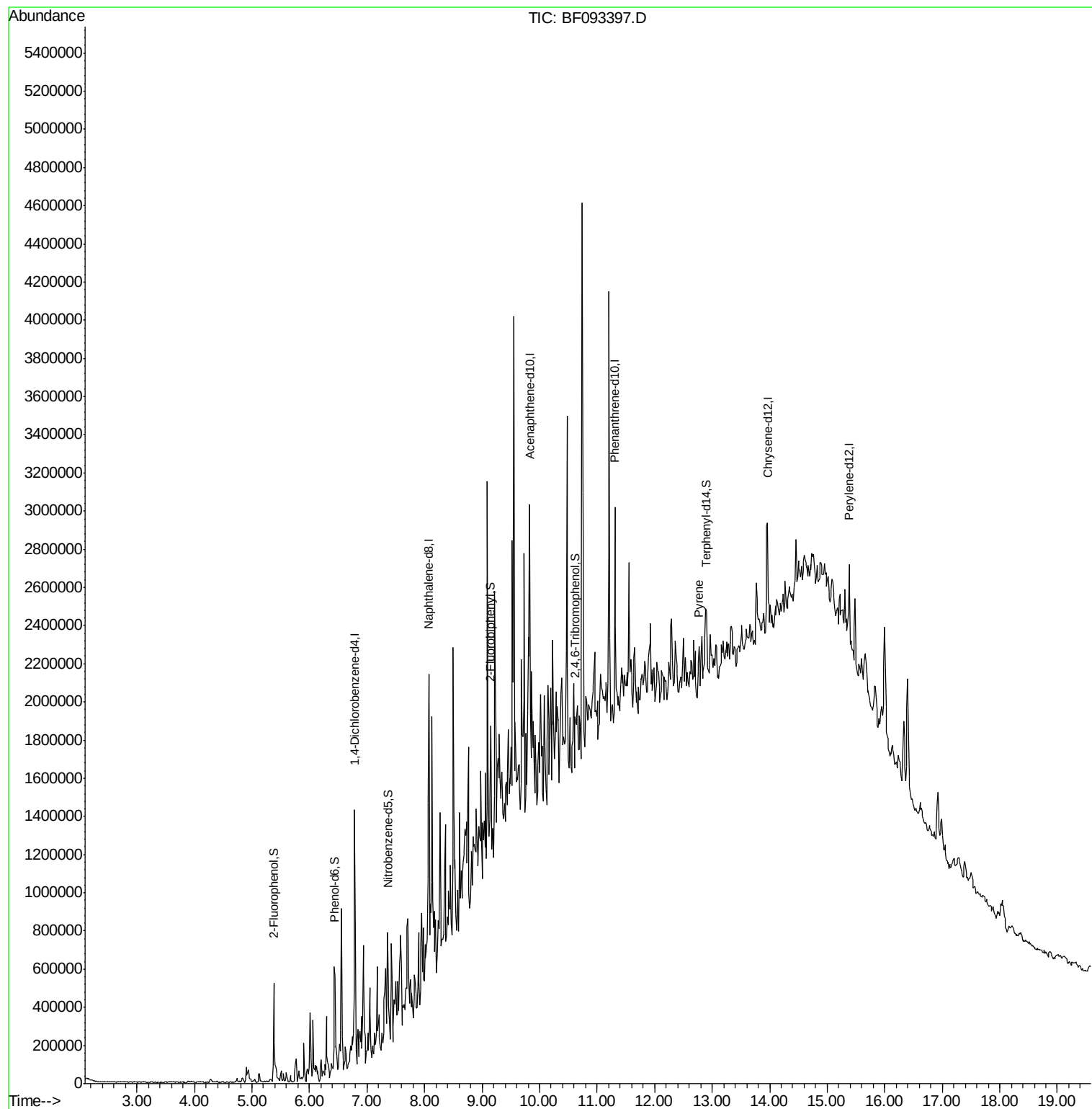
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	189876	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	703222	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	284548	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	395597	20.00	ng	0.00
75) Chrysene-d12	13.96	240	319868	20.00	ng	0.01
86) Perylene-d12	15.38	264	268814	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	205041	18.53	ng	0.01
7) Phenol-d6	6.43	99	282838	19.86	ng	-0.01
23) Nitrobenzene-d5	7.36	82	163356	12.94	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	30591	14.86	ng	0.01
44) 2-Fluorobiphenyl	9.15	172	267293	17.02	ng	0.00
78) Terphenyl-d14	12.90	244	139966	10.28	ng	0.01
Target Compounds						
77) Pyrene	12.76	202	81743	3.41	ng	Qvalue # 87

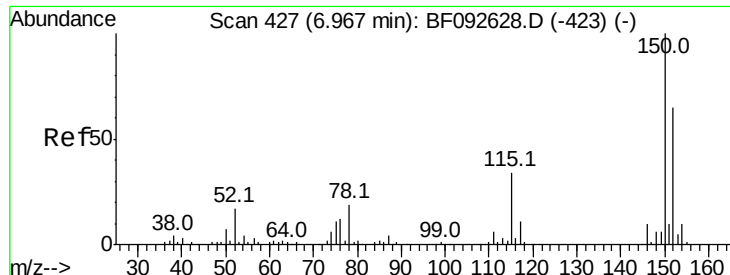
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF093397.D

Acq: 4 Mar 2017 10:44

Instrument :

BNA_F

ClientSampled :

19B-19

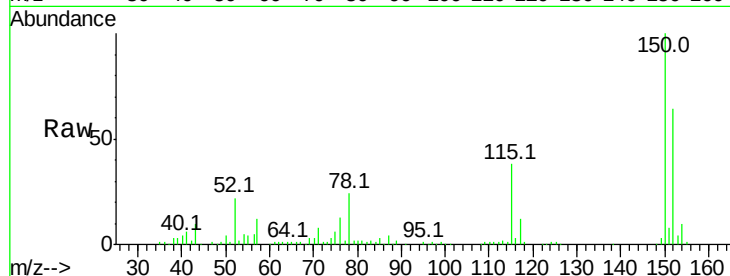
Tot Ion:152 Resp: 189876

Ion Ratio Lower Upper

152 100

150 156.2 124.9 187.3

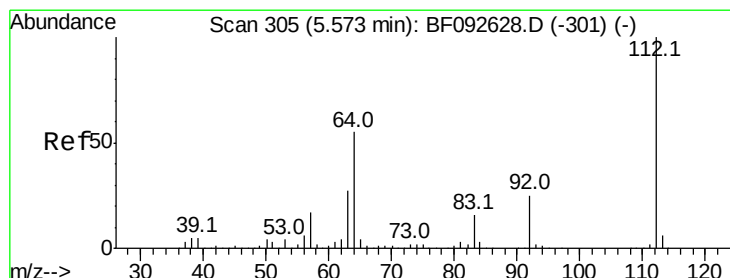
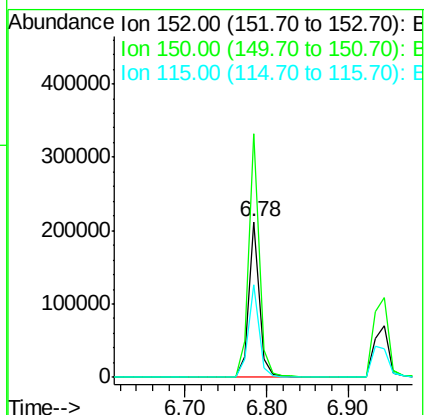
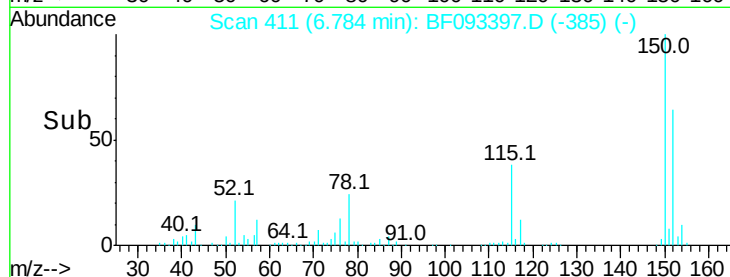
115 59.2 46.0 69.0



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: 18.53 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF093397.D

Acq: 4 Mar 2017 10:44

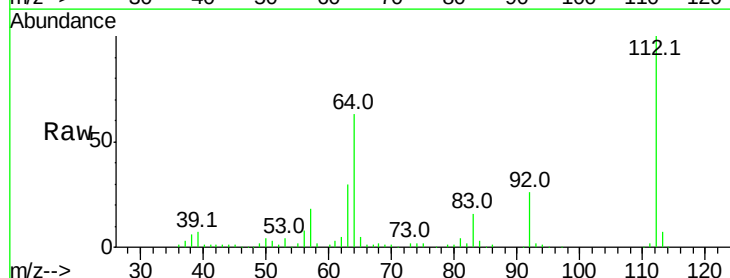
Tgt Ion:112 Resp: 205041

Ion Ratio Lower Upper

112 100

64 63.1 46.1 69.1

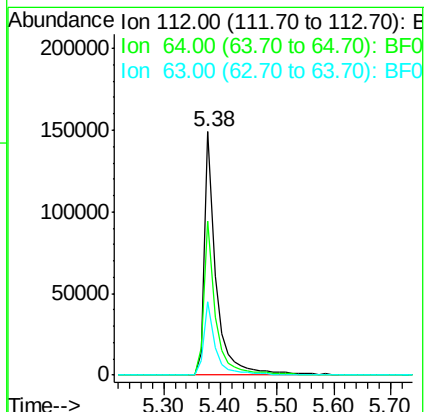
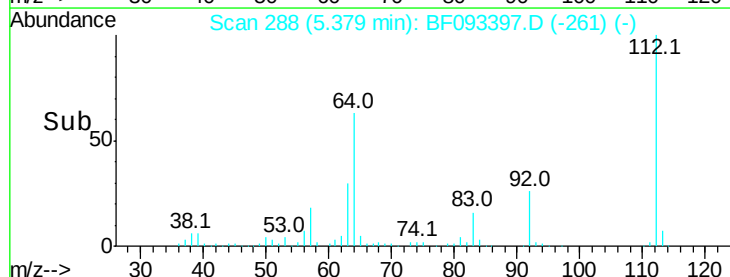
63 30.3 23.8 35.6

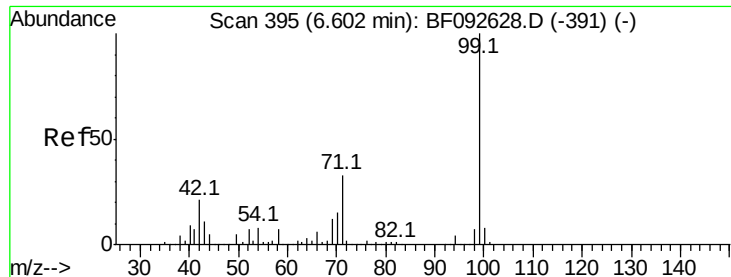


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 19.86 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF093397.D

Acq: 4 Mar 2017 10:44

Instrument :

BNA_F

ClientSampleId :

19B-19

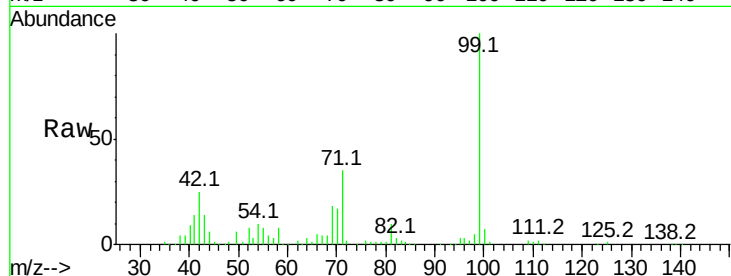
Tot Ion: 99 Resp: 282838

Ion Ratio Lower Upper

99 100

42 25.1 15.6 23.4#

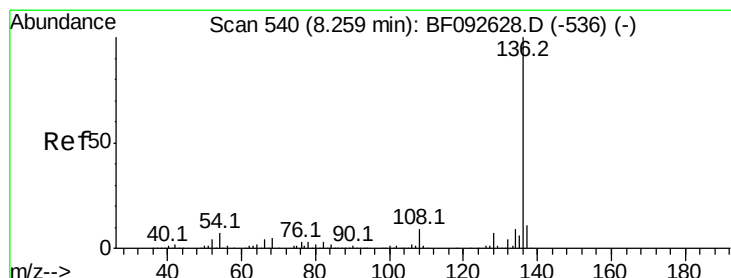
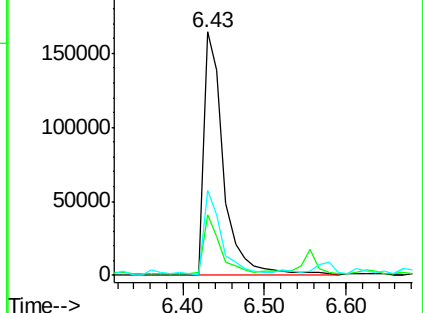
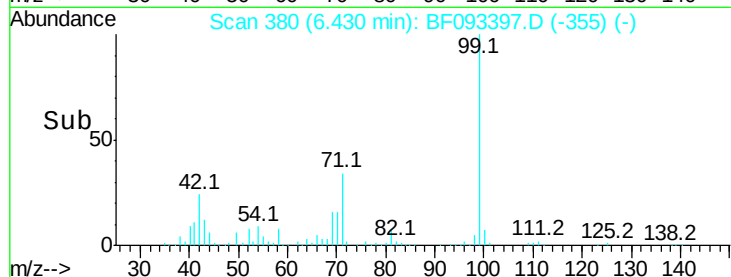
71 34.8 27.5 41.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF093397.D

Acq: 4 Mar 2017 10:44

Tgt Ion: 136 Resp: 703222

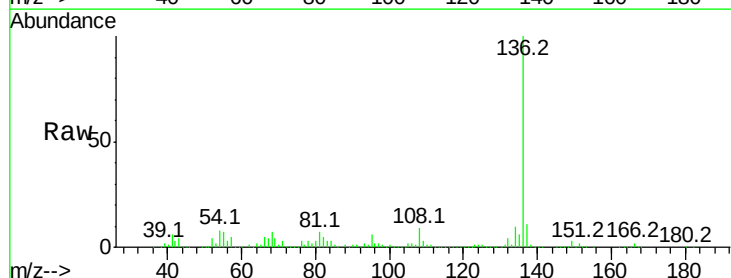
Ion Ratio Lower Upper

136 100

137 11.5 8.4 12.6

54 8.4 4.5 6.7#

68 7.1 3.6 5.4#

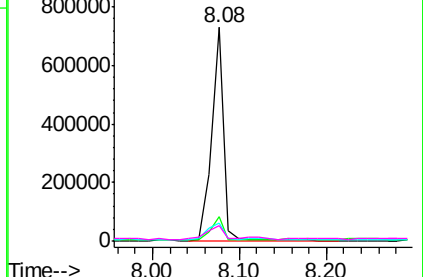
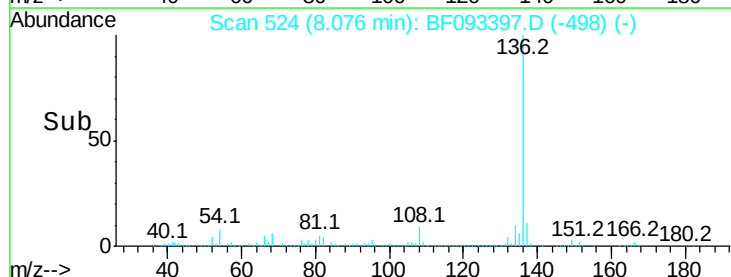


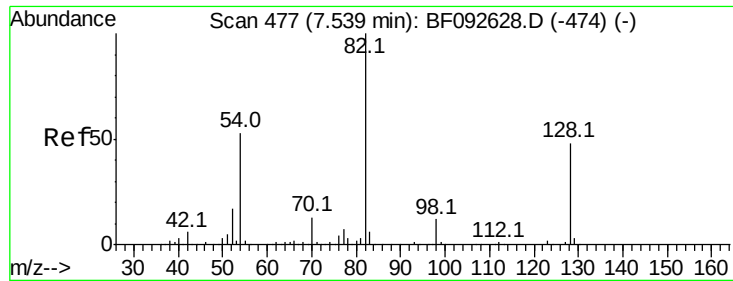
Abundance Ion 136.00 (135.70 to 136.70): E

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

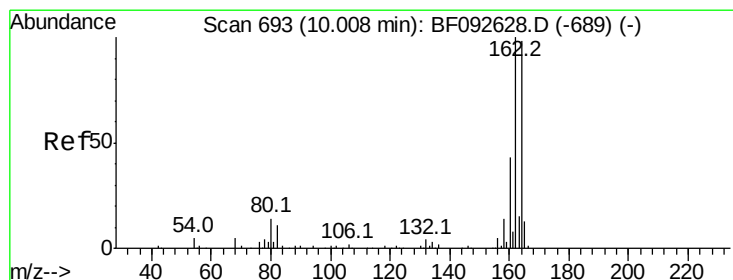
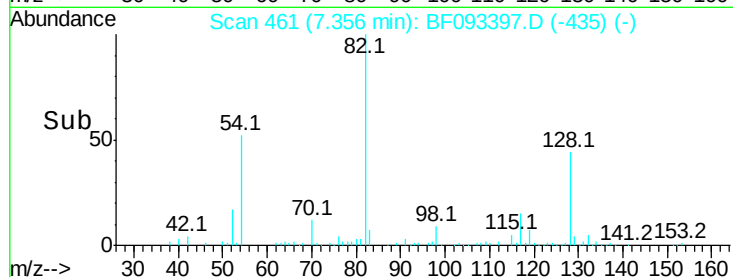
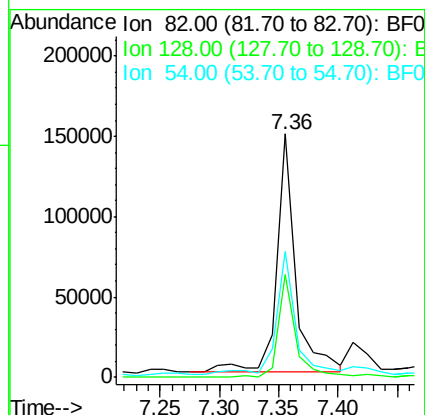
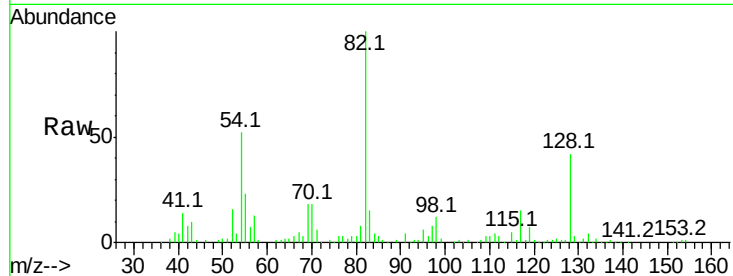




#23
 Nitrobenzene-d5
 Concen: 12.94 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.00 min
 Lab File: BF093397.D
 Acq: 4 Mar 2017 10:44

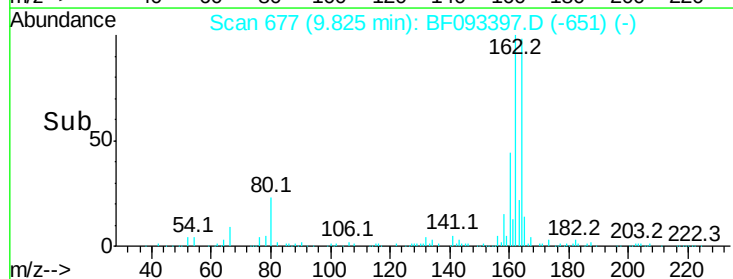
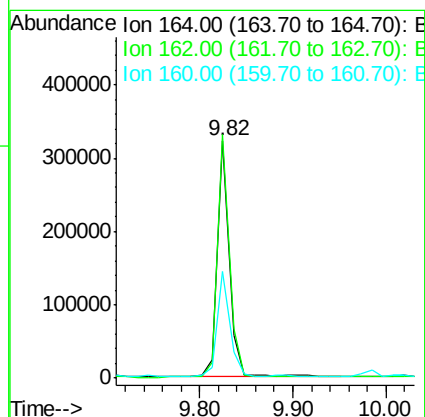
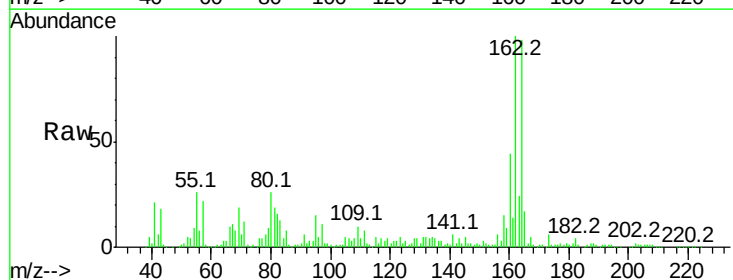
Instrument :
 BNA_F
 ClientSampleId :
 19B-19

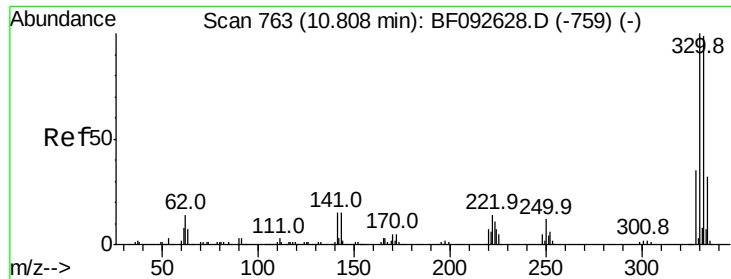
Tot Ion: 82 Resp: 163356
 Ion Ratio Lower Upper
 82 100
 128 42.5 34.6 52.0
 54 51.9 39.5 59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BF093397.D
 Acq: 4 Mar 2017 10:44

Tgt Ion: 164 Resp: 284548
 Ion Ratio Lower Upper
 164 100
 162 102.4 80.2 120.2
 160 44.8 36.9 55.3

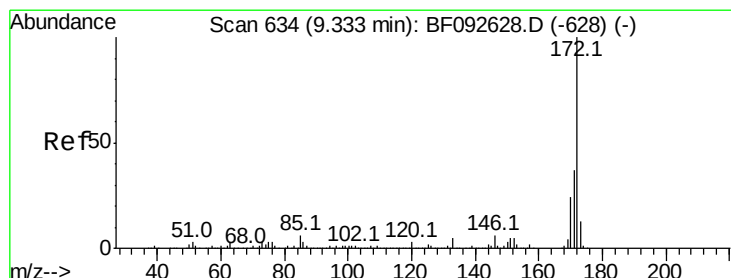
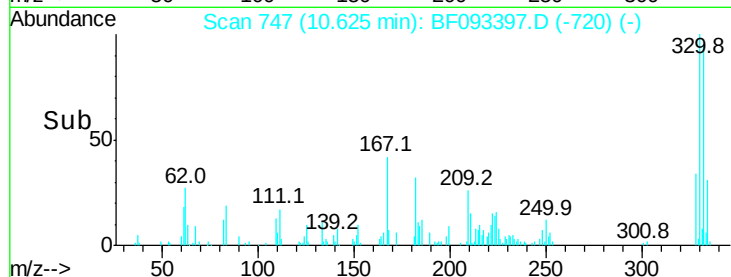
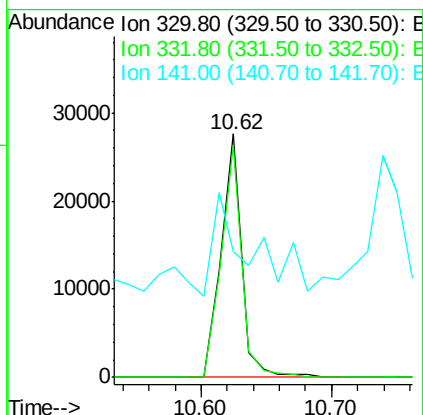
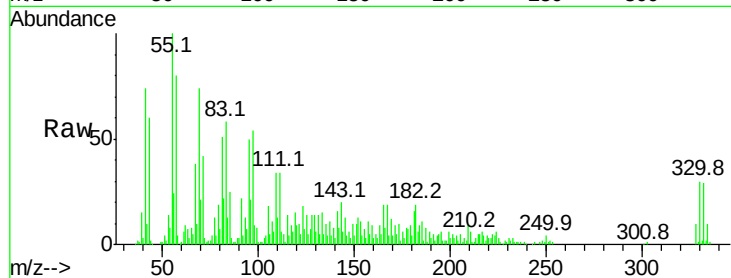




#41
 2,4,6-Tribromophenol
 Concen: 14.86 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.01 min
 Lab File: BF093397.D
 Acq: 4 Mar 2017 10:44

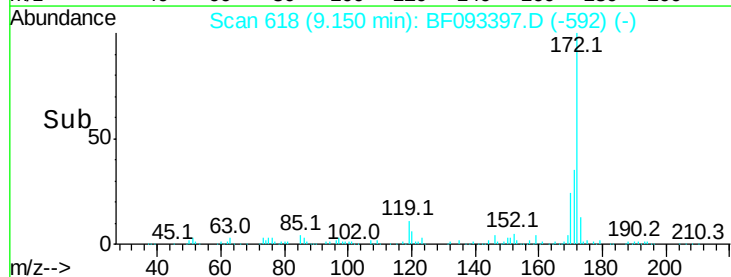
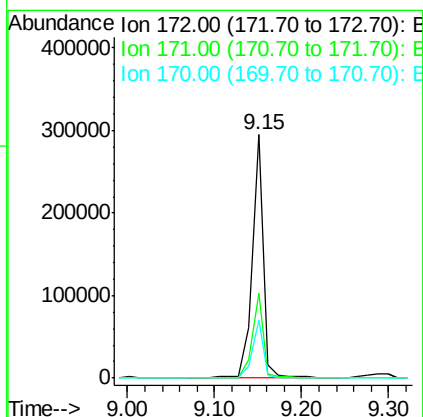
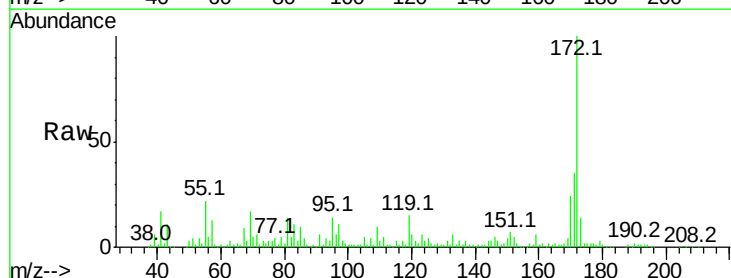
Instrument :
 BNA_F
 ClientSampleId :
 19B-19

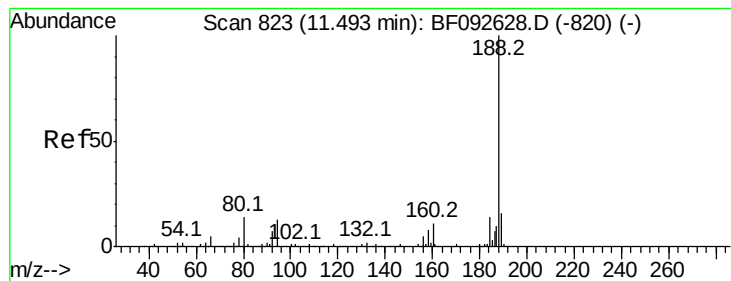
Tot Ion:330 Resp: 30591
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.4 116.2
 141 53.2 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 17.02 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF093397.D
 Acq: 4 Mar 2017 10:44

Tgt Ion:172 Resp: 267293
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.4 44.0
 170 24.0 20.2 30.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF093397.D

Acq: 4 Mar 2017 10:44

Instrument :

BNA_F

ClientSampleId :

19B-19

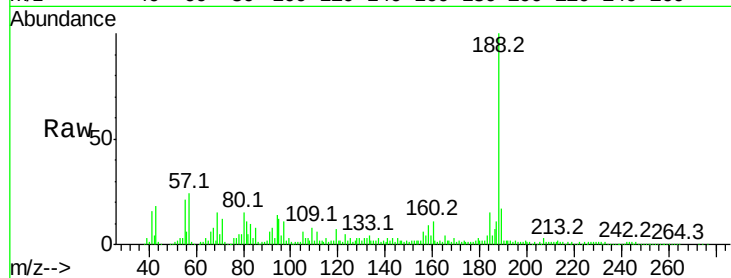
Tot Ion:188 Resp: 395597

Ion Ratio Lower Upper

188 100

94 14.0 10.0 15.0

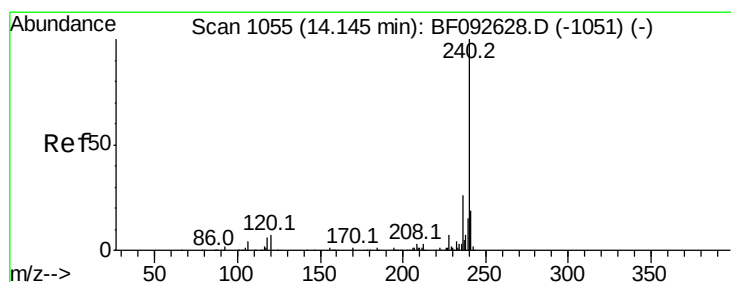
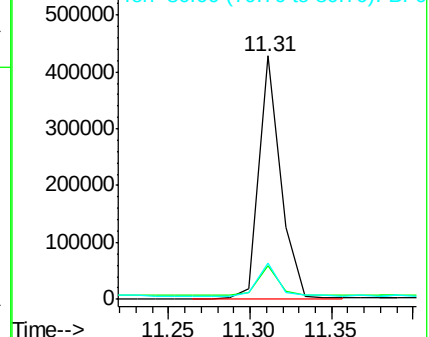
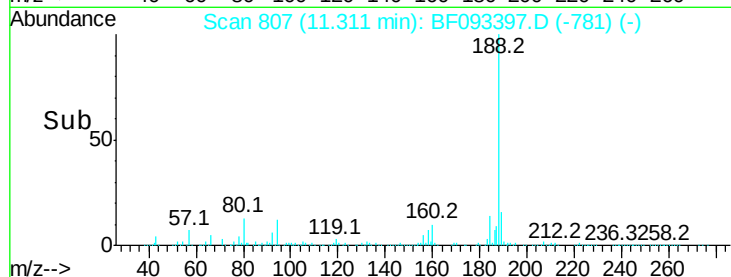
80 15.0 11.2 16.8



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.01 min

Lab File: BF093397.D

Acq: 4 Mar 2017 10:44

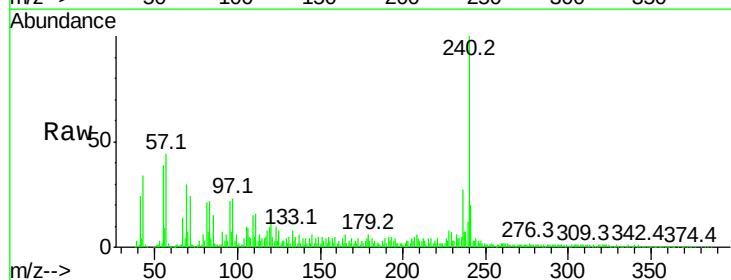
Tgt Ion:240 Resp: 319868

Ion Ratio Lower Upper

240 100

120 12.3 12.9 19.3#

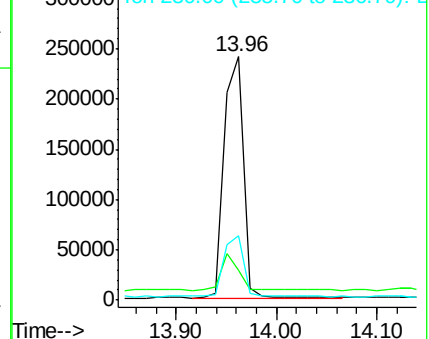
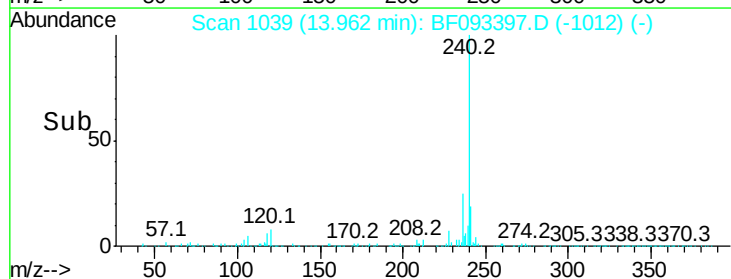
236 26.5 20.9 31.3

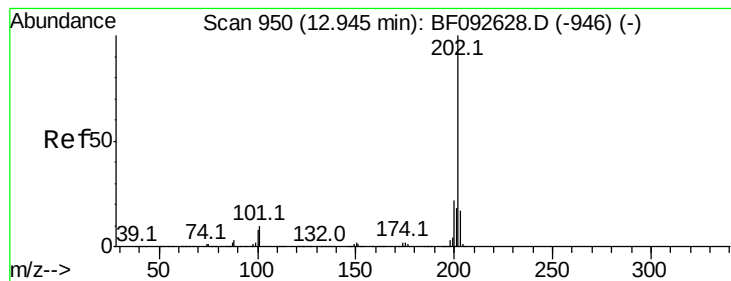


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 3.41 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.01 min

Lab File: BF093397.D

Acq: 4 Mar 2017 10:44

Instrument :

BNA_F

ClientSampleId :

19B-19

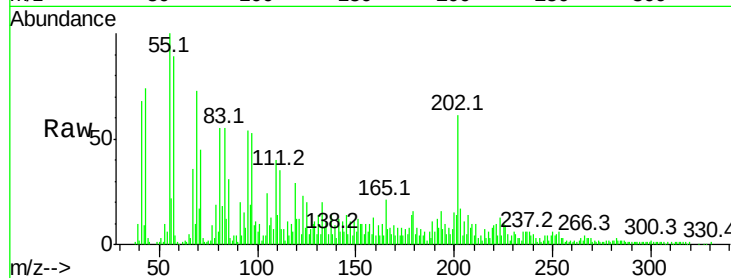
Tot Ion:202 Resp: 81743

Ion Ratio Lower Upper

202 100

200 24.2 17.7 26.5

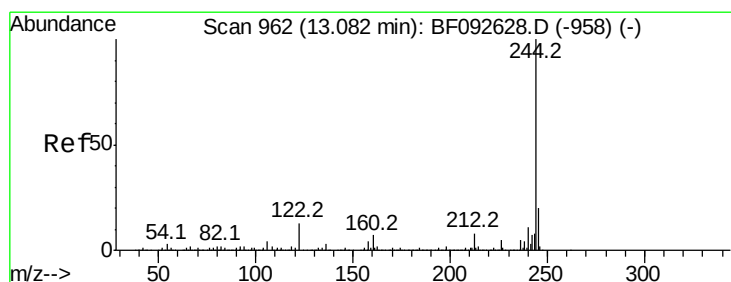
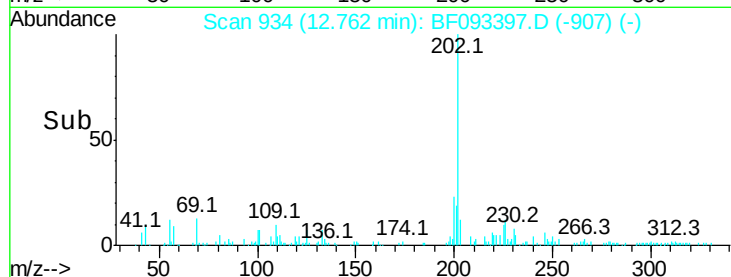
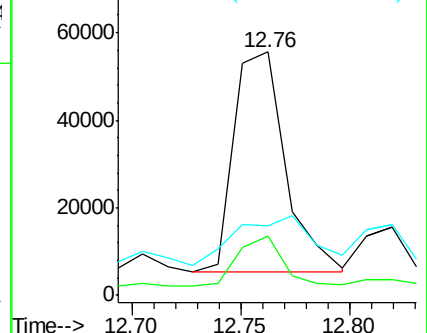
203 28.6 14.7 22.1#



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: 10.28 ng

RT: 12.90 min Scan# 946

Delta R.T. 0.01 min

Lab File: BF093397.D

Acq: 4 Mar 2017 10:44

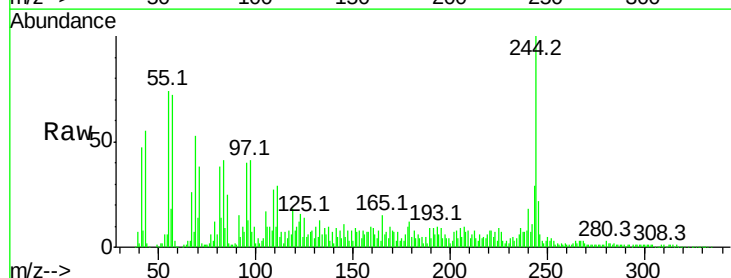
Tgt Ion:244 Resp: 139966

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

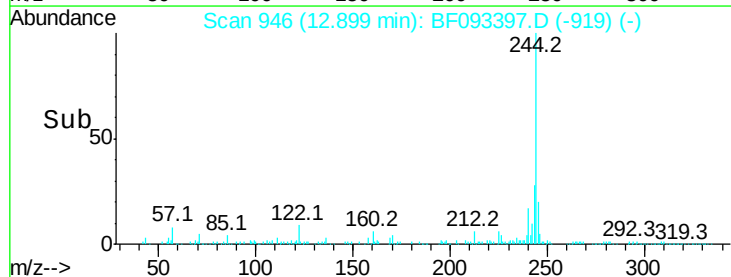
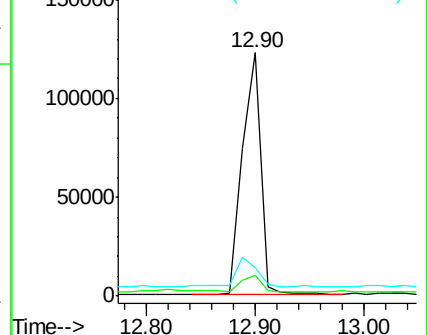
122 11.8 11.4 17.2

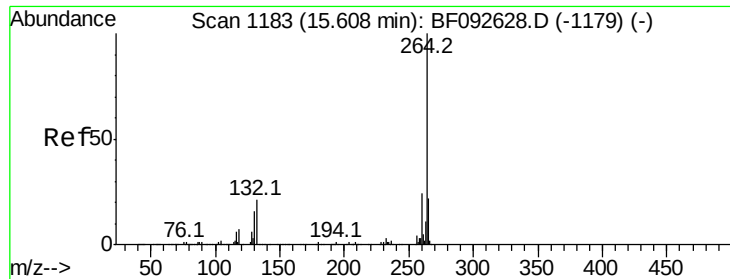


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. 0.02 min
Lab File: BF093397.D
Acq: 4 Mar 2017 10:44

Instrument :
BNA_F
ClientSampleId :
19B-19

Tot Ion:264 Resp: 268814

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.7	17.4	26.0

