

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
 Data File : BF094399.D
 Acq On : 13 Apr 2017 19:17
 Operator : SJ/MA
 Sample : I2671-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUMS-(2-7)

Quant Time: Apr 14 02:17:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 01:21:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.79	152	161823	20.00	ng	-0.04
21) Naphthalene-d8	7.29	136	666584	20.00	ng	-0.05
38) Acenaphthene-d10	9.42	164	291965	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	475566	20.00	ng	-0.04
75) Chrysene-d12	14.50	240	370174	20.00	ng	-0.05
86) Perylene-d12	16.12	264	284013	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	595999	62.21	ng	-0.04
7) Phenol-d6	5.41	99	480507	40.54	ng	-0.05
23) Nitrobenzene-d5	6.44	82	1016098	86.99	ng	-0.05
41) 2,4,6-Tribromophenol	10.41	330	315979	136.96	ng	-0.04
44) 2-Fluorobiphenyl	8.62	172	1814280	94.78	ng	-0.04
78) Terphenyl-d14	13.23	244	1379228	83.52	ng	-0.04

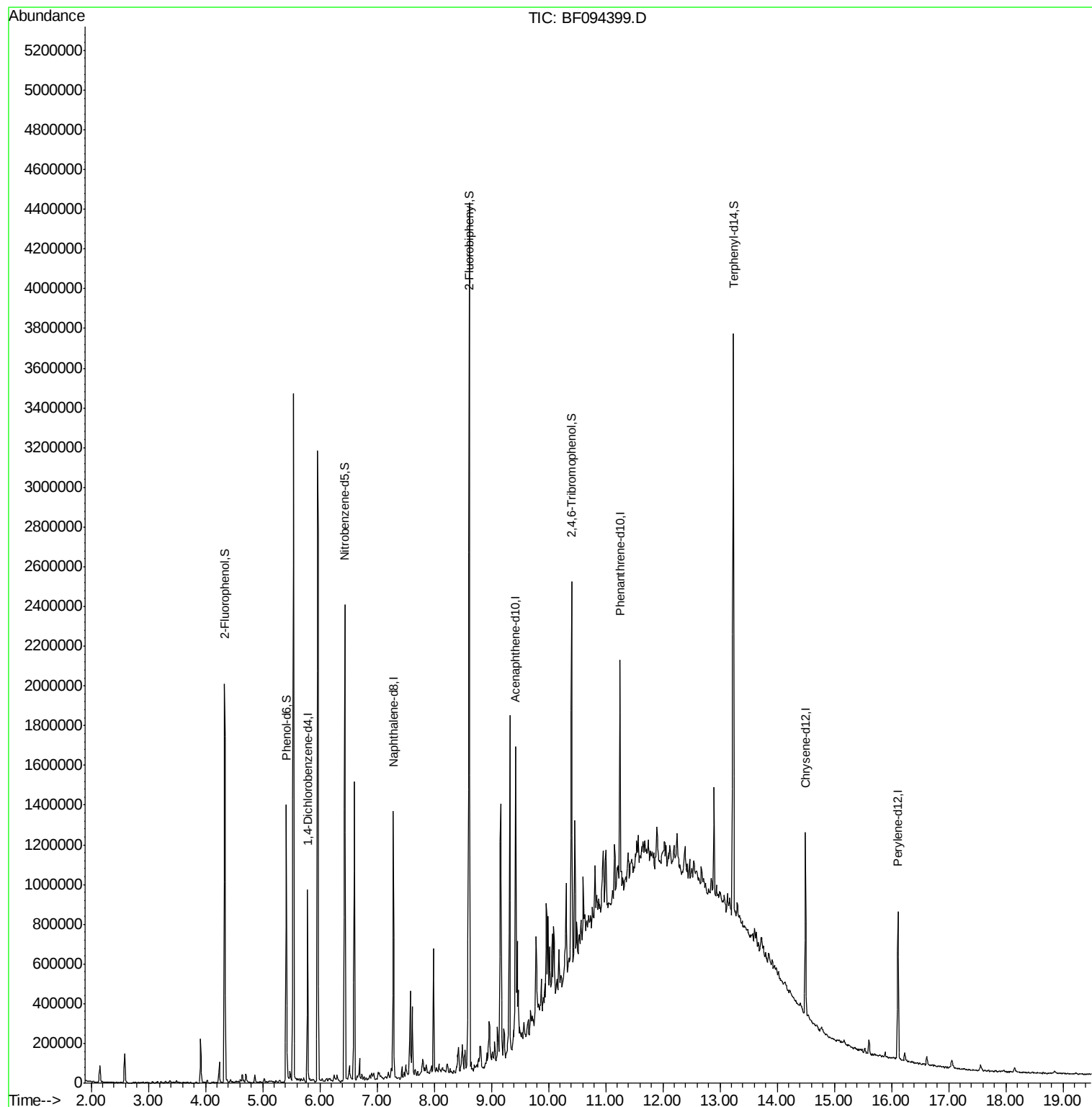
Target Compounds Qvalue

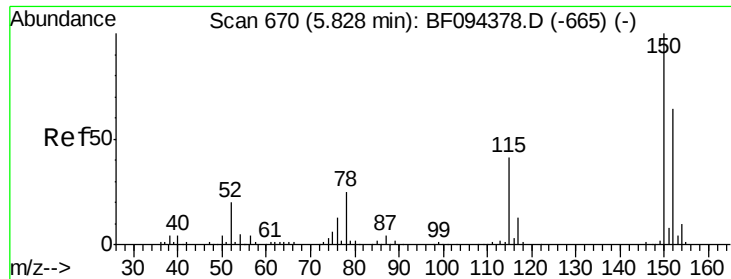
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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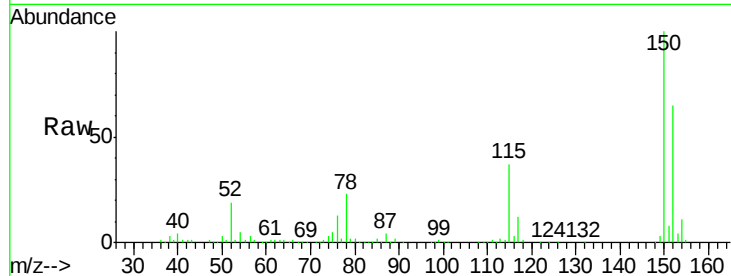


#1

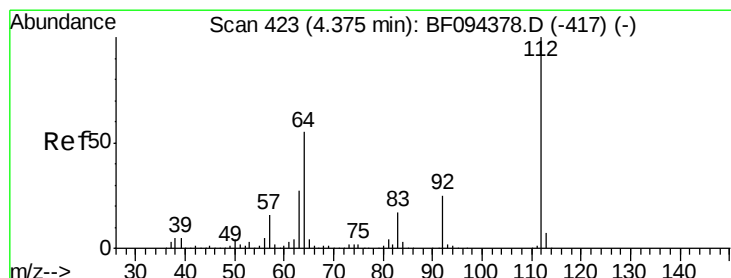
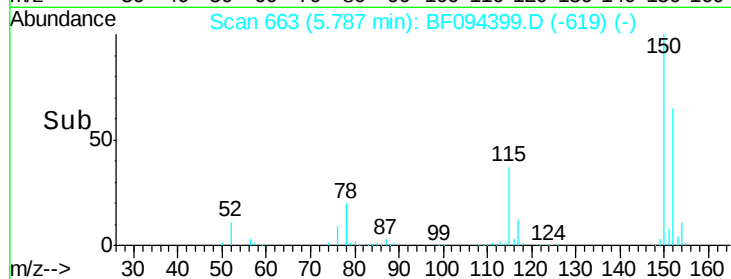
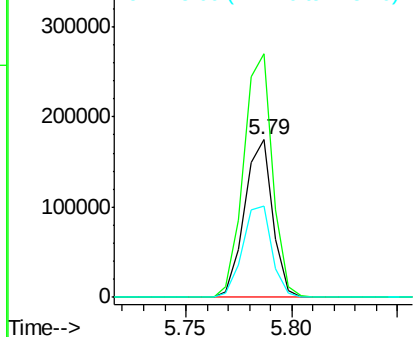
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.79 min Scan# 663
Delta R.T. -0.04 min
Lab File: BF094399.D
Acq: 13 Apr 2017 19:17

Instrument :
BNA_F
ClientSampleId :
DRUMS-(2-7)

Tot Ion:152 Resp: 161823
Ion Ratio Lower Upper
152 100
150 154.5 126.2 189.2
115 57.7 52.2 78.2



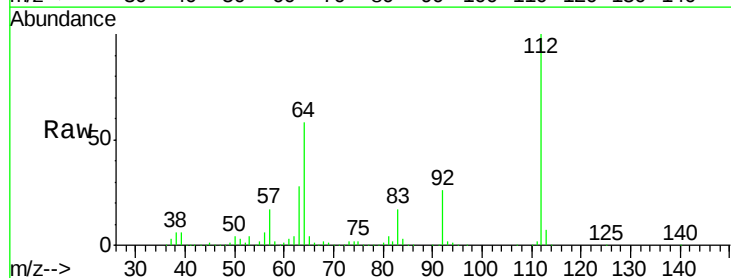
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



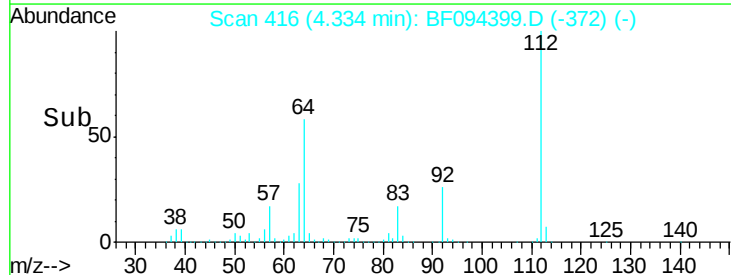
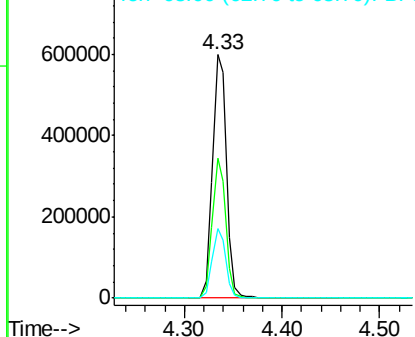
#5

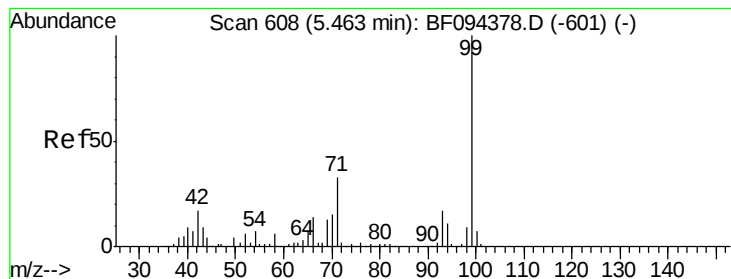
2-Fluorophenol
Concen: 62.21 ng
RT: 4.33 min Scan# 416
Delta R.T. -0.04 min
Lab File: BF094399.D
Acq: 13 Apr 2017 19:17

Tgt Ion:112 Resp: 595999
Ion Ratio Lower Upper
112 100
64 57.6 46.0 69.0
63 28.5 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: 40.54 ng

RT: 5.41 min Scan# 599

Delta R.T. -0.05 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

Instrument :

BNA_F

ClientSampleId :

DRUMS-(2-7)

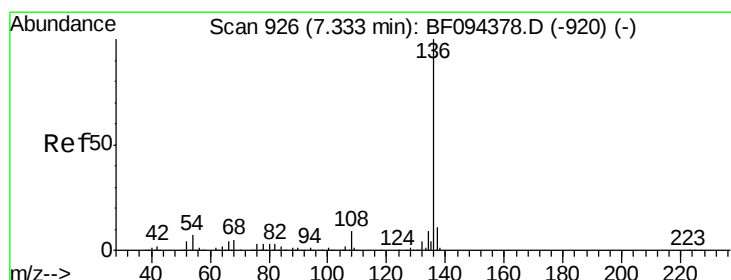
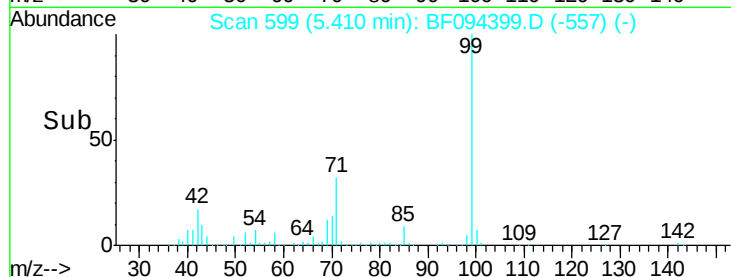
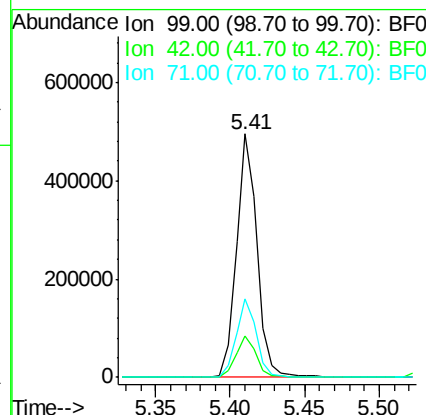
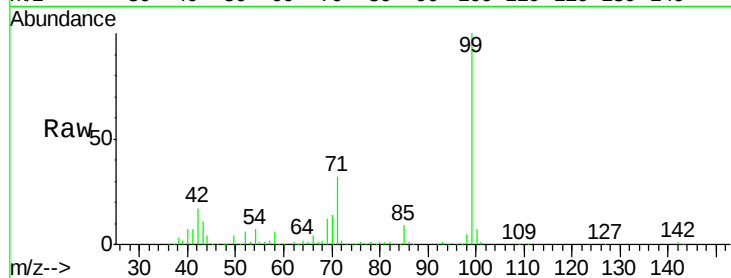
Tot Ion: 99 Resp: 480507

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

71 32.0 24.5 36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.29 min Scan# 918

Delta R.T. -0.05 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

Tgt Ion: 136 Resp: 666584

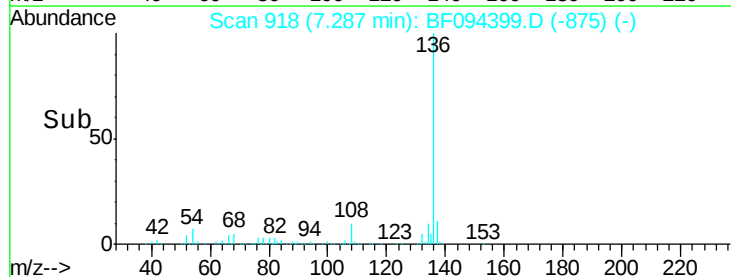
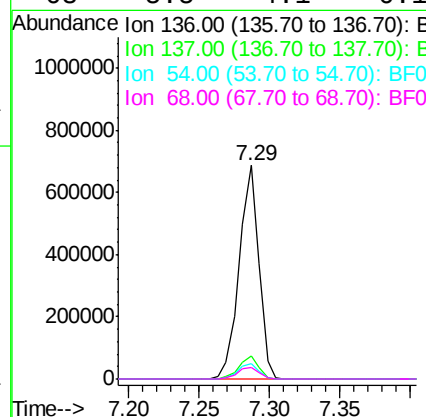
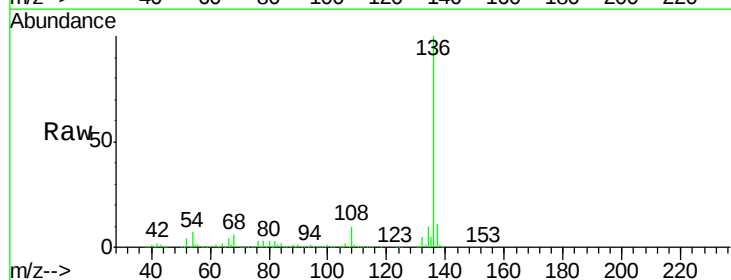
Ion Ratio Lower Upper

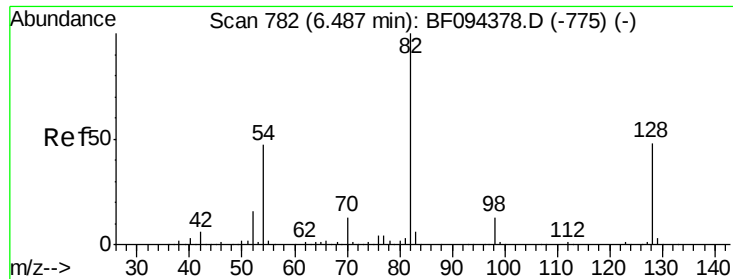
136 100

137 11.0 8.5 12.7

54 7.0 4.9 7.3

68 5.5 4.1 6.1

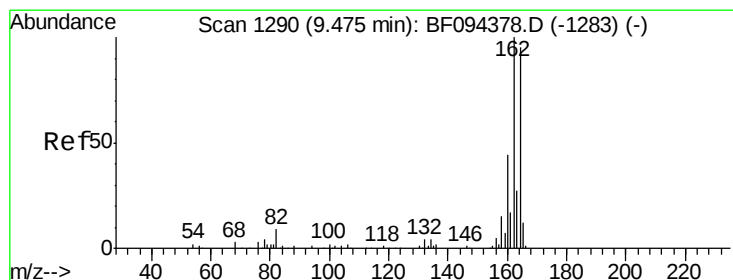
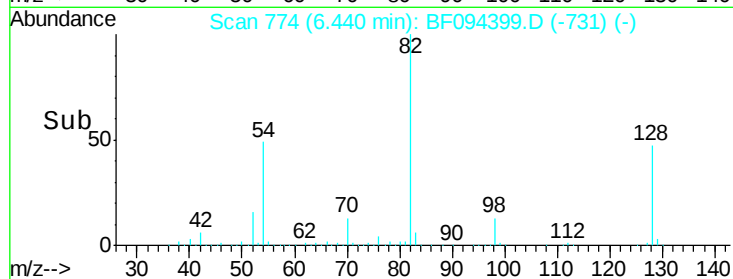
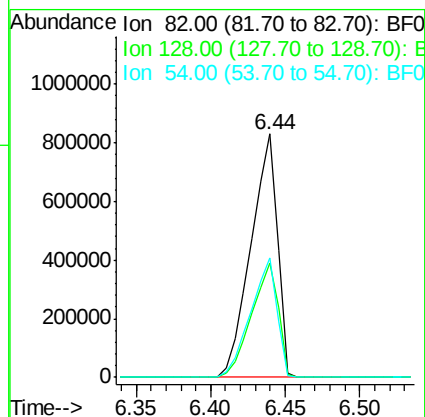
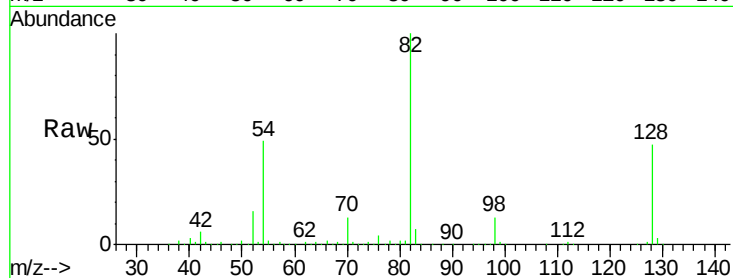




#23
Nitrobenzene-d5
Concen: 86.99 ng
RT: 6.44 min Scan# 774
Delta R.T. -0.05 min
Lab File: BF094399.D
Acq: 13 Apr 2017 19:17

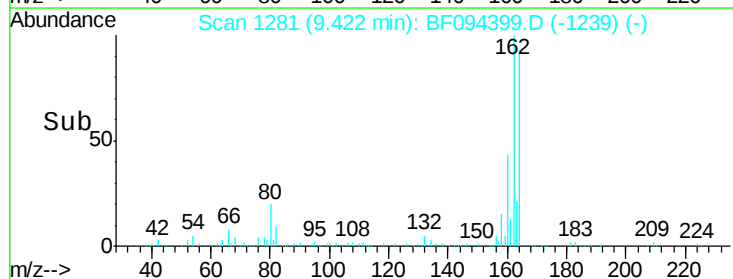
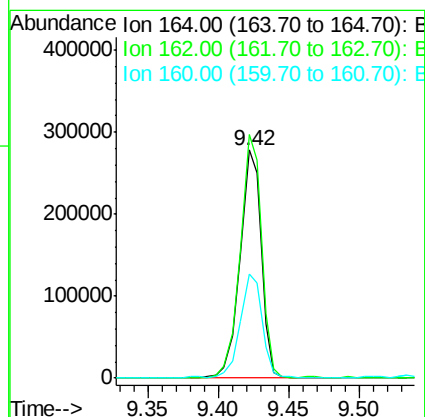
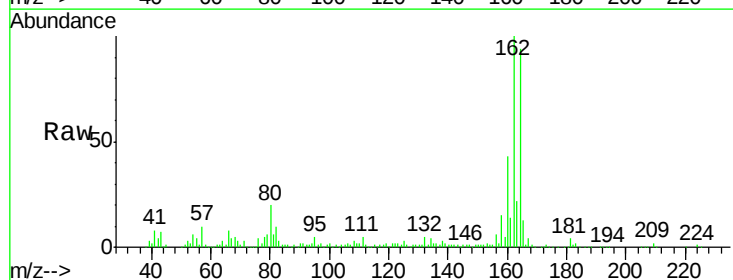
Instrument :
BNA_F
ClientSampleId :
DRUMS-(2-7)

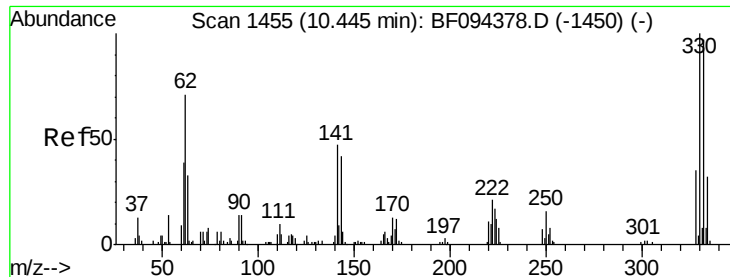
Tot Ion: 82 Resp: 1016098
Ion Ratio Lower Upper
82 100
128 47.0 34.0 51.0
54 49.3 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.42 min Scan# 1281
Delta R.T. -0.05 min
Lab File: BF094399.D
Acq: 13 Apr 2017 19:17

Tgt Ion:164 Resp: 291965
Ion Ratio Lower Upper
164 100
162 106.9 82.6 123.8
160 45.9 36.2 54.2

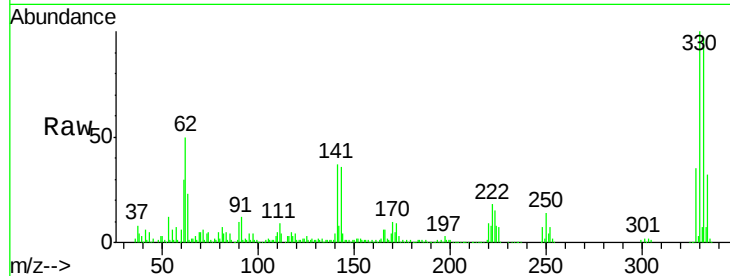




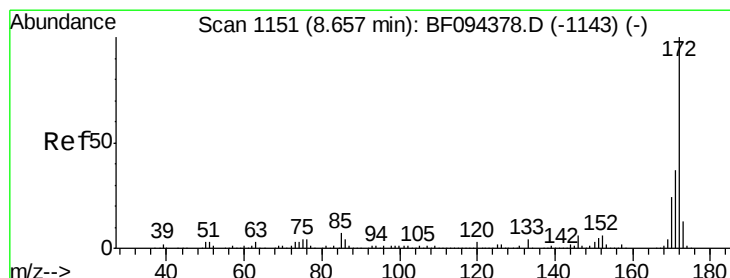
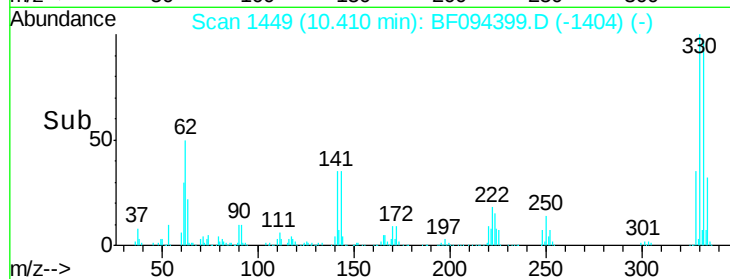
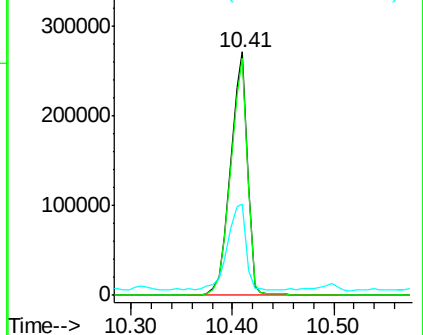
#41
 2,4,6-Tribromophenol
 Concen: 136.96 ng
 RT: 10.41 min Scan# 1449
 Delta R.T. -0.04 min
 Lab File: BF094399.D
 Acq: 13 Apr 2017 19:17

Instrument :
 BNA_F
 ClientSampleId :
 DRUMS-(2-7)

Tot Ion:330 Resp: 315979
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 39.3 31.4 47.2

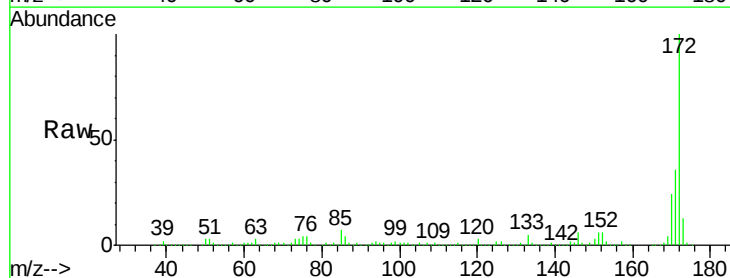


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

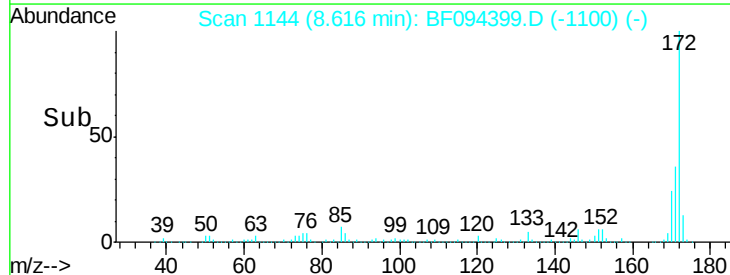
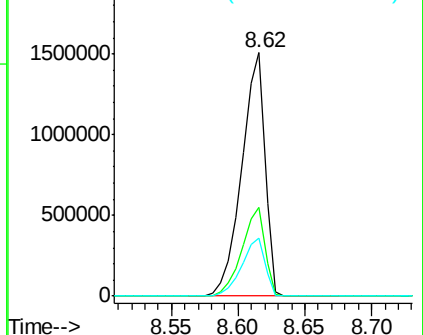


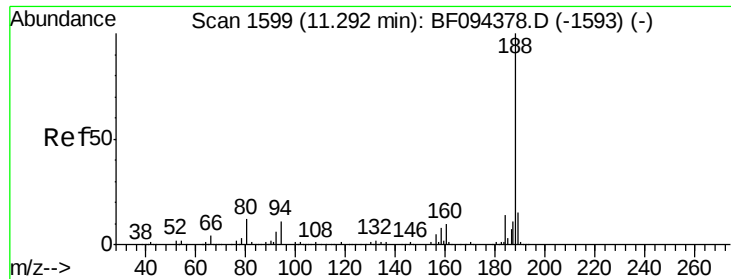
#44
 2-Fluorobiphenyl
 Concen: 94.78 ng
 RT: 8.62 min Scan# 1144
 Delta R.T. -0.04 min
 Lab File: BF094399.D
 Acq: 13 Apr 2017 19:17

Tgt Ion:172 Resp: 1814280
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.0 19.8 29.8



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

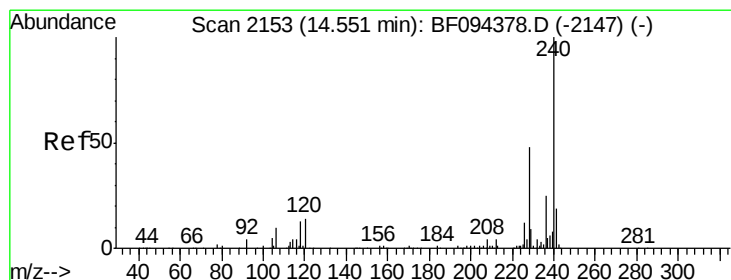
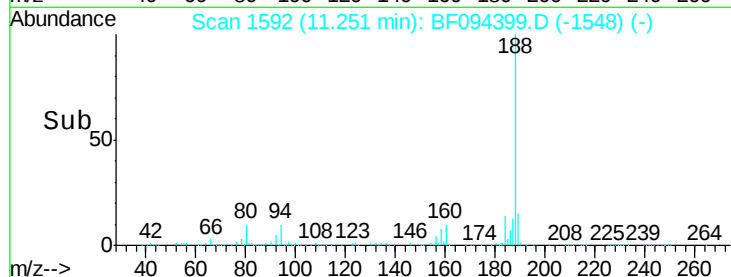
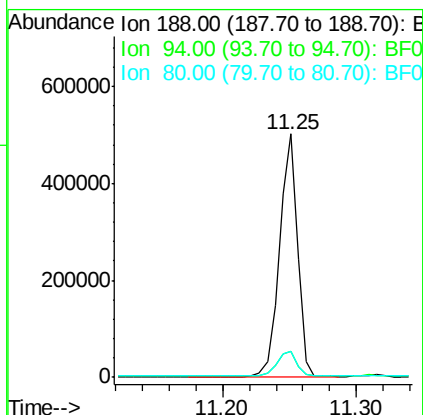
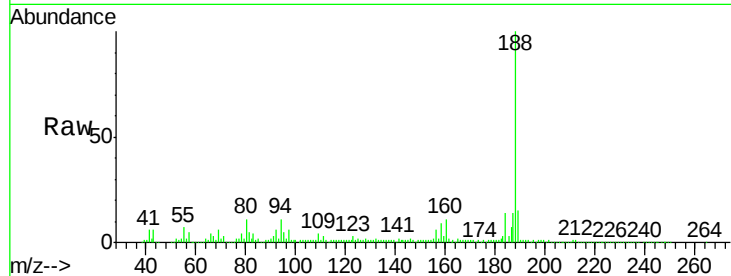




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 1592
Delta R.T. -0.04 min
Lab File: BF094399.D
Acq: 13 Apr 2017 19:17

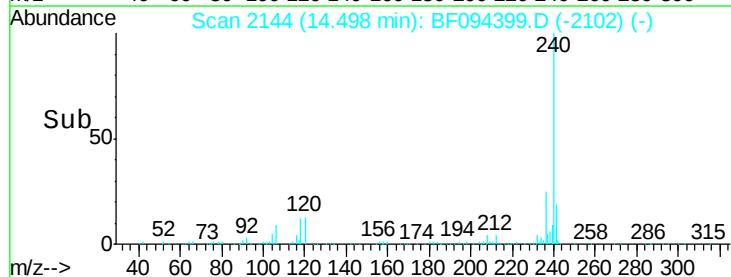
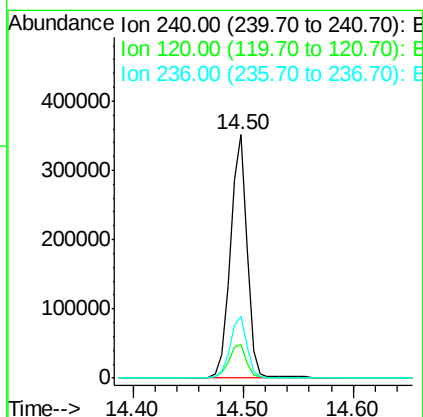
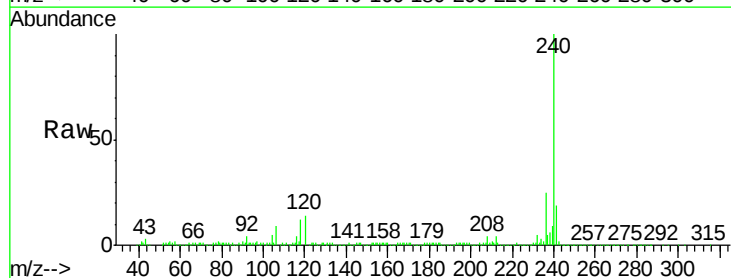
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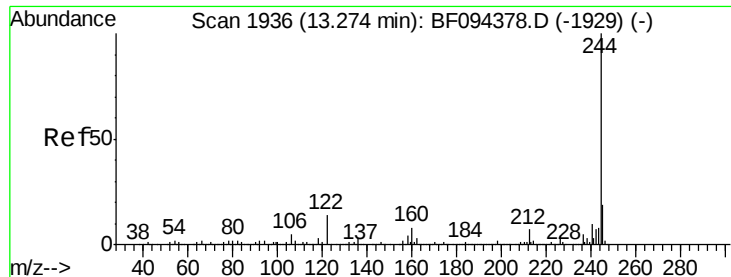
Tot Ion:188 Resp: 475566
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 10.9 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.50 min Scan# 2144
Delta R.T. -0.05 min
Lab File: BF094399.D
Acq: 13 Apr 2017 19:17

Tgt Ion:240 Resp: 370174
Ion Ratio Lower Upper
240 100
120 13.7 5.8 8.8#
236 25.3 20.5 30.7





#78

Terphenyl-d14

Concen: 83.52 ng

RT: 13.23 min Scan# 1929

Delta R.T. -0.04 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

Instrument :

BNA_F

ClientSampleId :

DRUMS-(2-7)

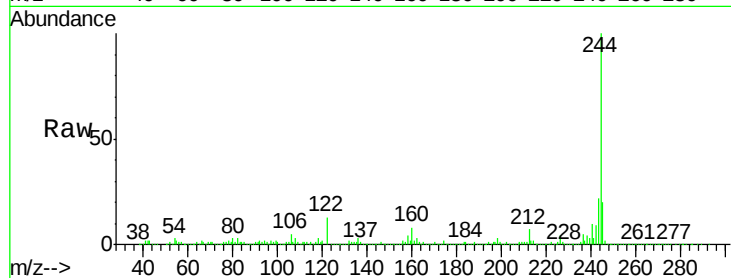
Tot Ion:244 Resp: 1379228

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

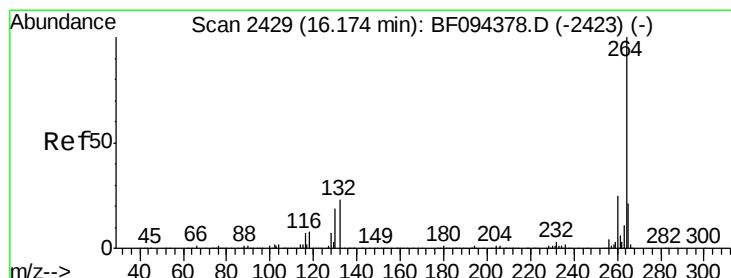
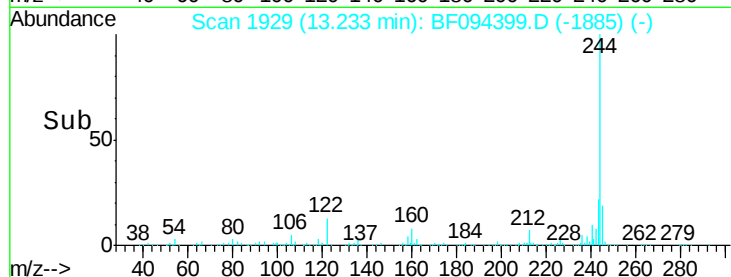
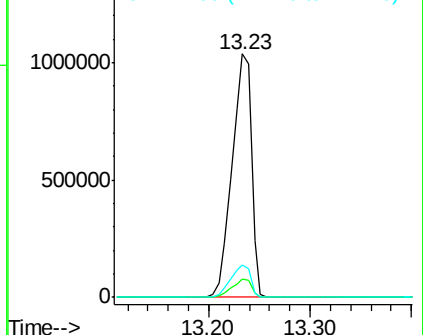
122 13.5 10.3 15.5



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.12 min Scan# 2419

Delta R.T. -0.06 min

Lab File: BF094399.D

Acq: 13 Apr 2017 19:17

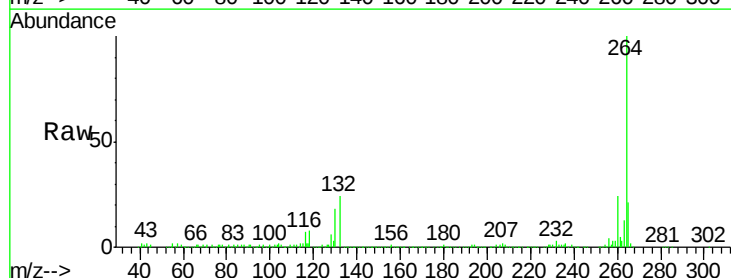
Tgt Ion:264 Resp: 284013

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 20.9 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

