

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
 Data File : BF094392.D
 Acq On : 13 Apr 2017 15:46
 Operator : SJ/MA
 Sample : PB98215TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98215TB

Quant Time: Apr 14 01:52:47 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	153757	20.00	ng	-0.04
21) Naphthalene-d8	7.29	136	625509	20.00	ng	-0.05
38) Acenaphthene-d10	9.42	164	295767	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	550809	20.00	ng	-0.05
75) Chrysene-d12	14.49	240	466058	20.00	ng	-0.06
86) Perylene-d12	16.12	264	375162	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.35	112	1095801	120.37	ng	-0.03
7) Phenol-d6	5.42	99	1372868	121.91	ng	-0.04
23) Nitrobenzene-d5	6.43	82	864121	78.84	ng	-0.05
41) 2,4,6-Tribromophenol	10.40	330	298232	127.60	ng	-0.04
44) 2-Fluorobiphenyl	8.61	172	1647663	84.97	ng	-0.05
78) Terphenyl-d14	13.23	244	1482242	71.29	ng	-0.05

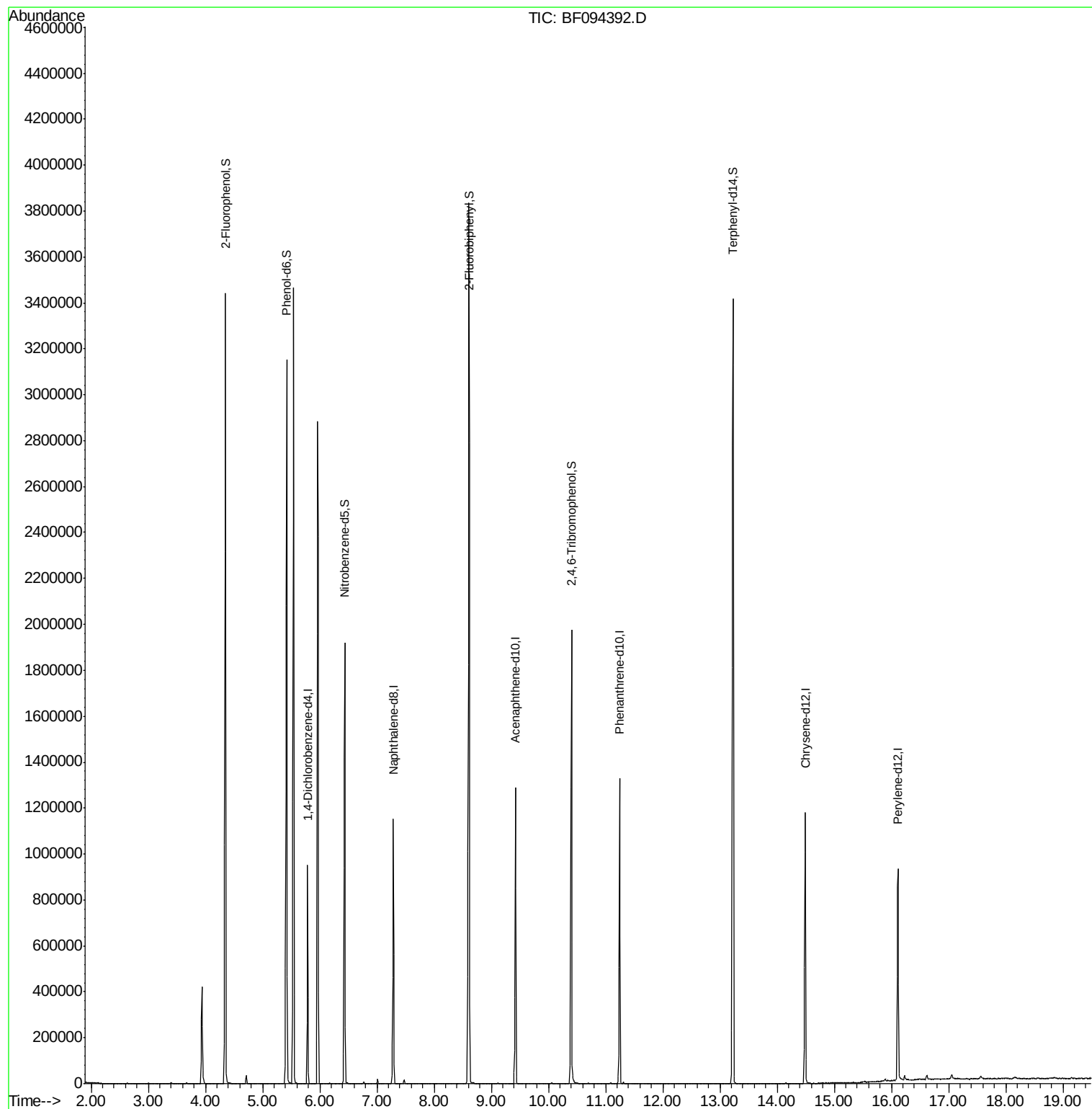
Target Compounds Qvalue

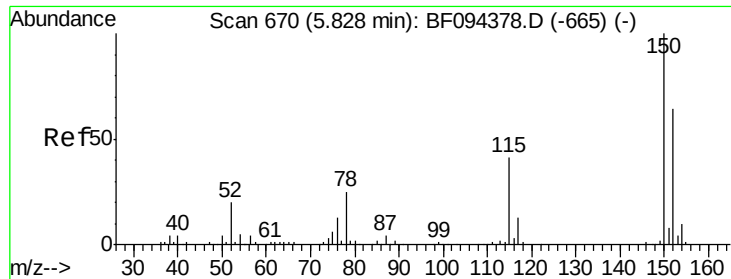
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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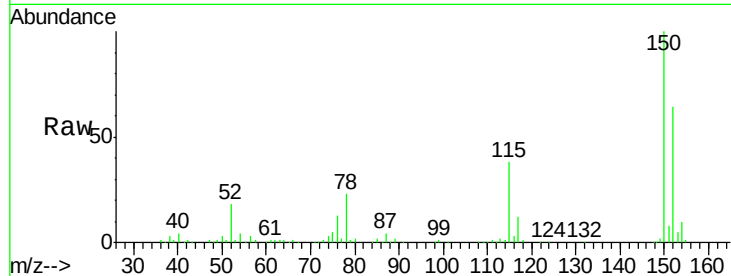


#1

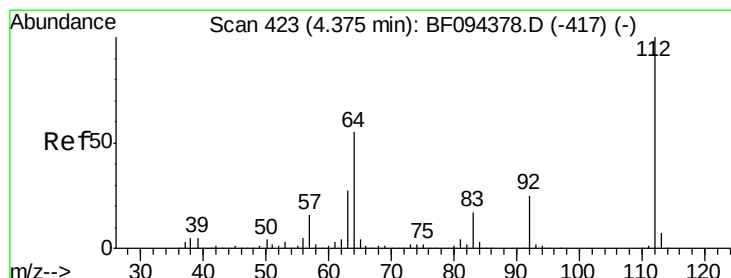
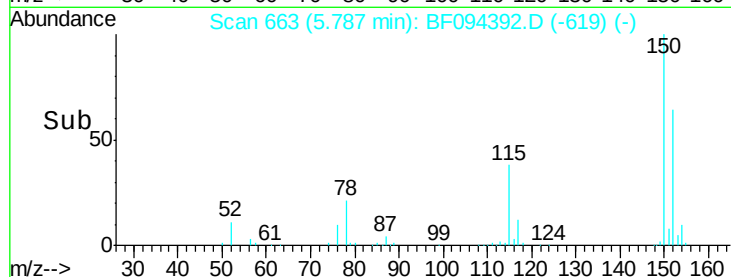
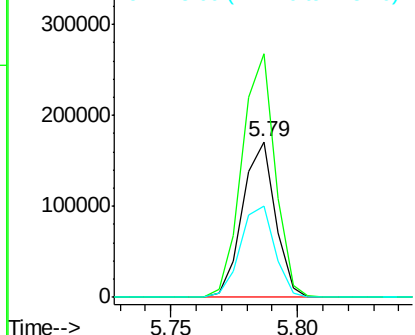
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.79 min Scan# 663
Delta R.T. -0.04 min
Lab File: BF094392.D
Acq: 13 Apr 2017 15:46

Instrument :
BNA_F
ClientSampleId :
PB98215TB

Tot Ion:152 Resp: 153757
Ion Ratio Lower Upper
152 100
150 156.2 126.2 189.2
115 58.8 52.2 78.2



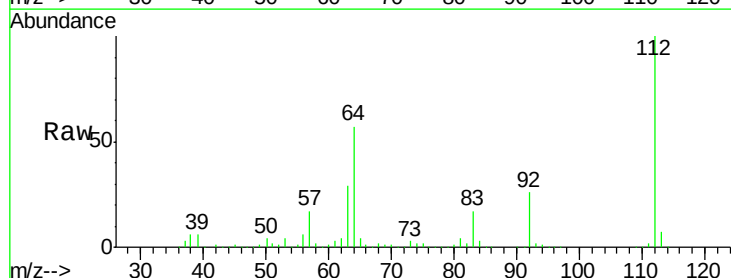
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



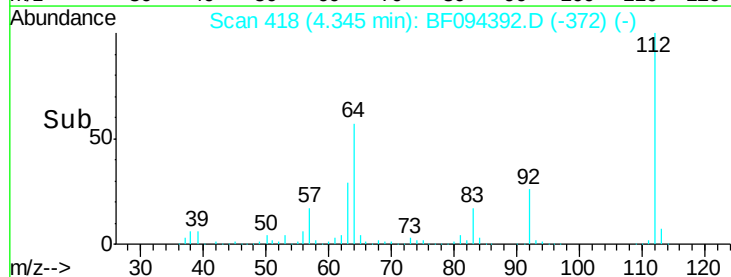
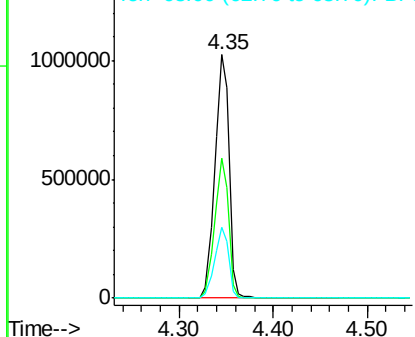
#5

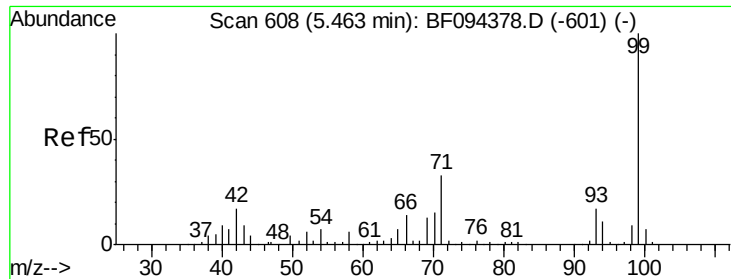
2-Fluorophenol
Concen: 120.37 ng
RT: 4.35 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF094392.D
Acq: 13 Apr 2017 15:46

Tgt Ion:112 Resp: 1095801
Ion Ratio Lower Upper
112 100
64 57.3 46.0 69.0
63 28.9 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: 121.91 ng

RT: 5.42 min Scan# 601

Delta R.T. -0.04 min

Lab File: BF094392.D

Acq: 13 Apr 2017 15:46

Instrument :

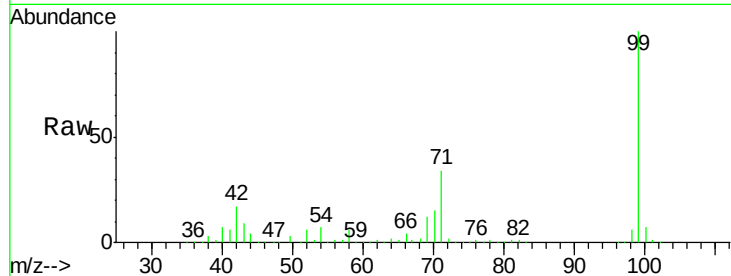
BNA_F

ClientSampleId :

PB98215TB

Tot Ion: 99 Resp: 1372868

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.5	20.3
71	34.1	24.5	36.7

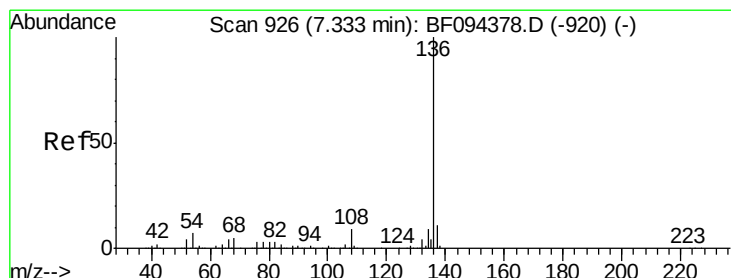
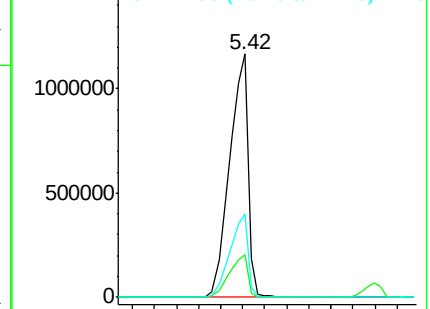
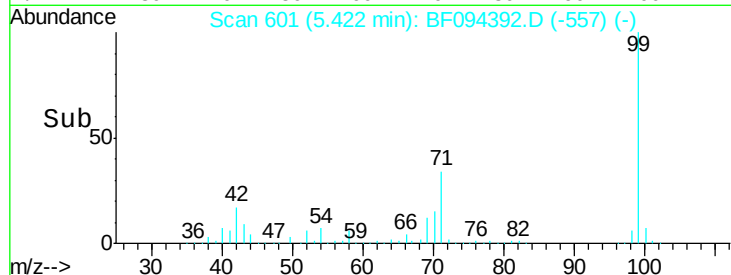


Abundance

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.29 min Scan# 918

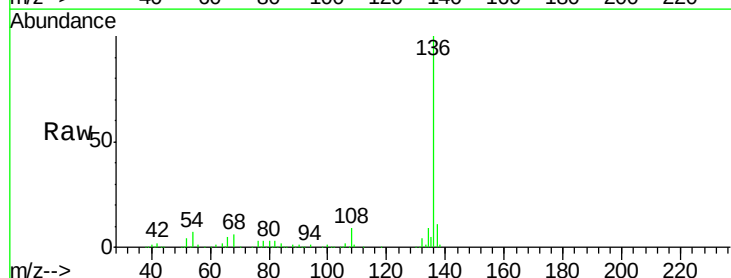
Delta R.T. -0.05 min

Lab File: BF094392.D

Acq: 13 Apr 2017 15:46

Tgt Ion: 136 Resp: 625509

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.0	4.9	7.3
68	5.7	4.1	6.1



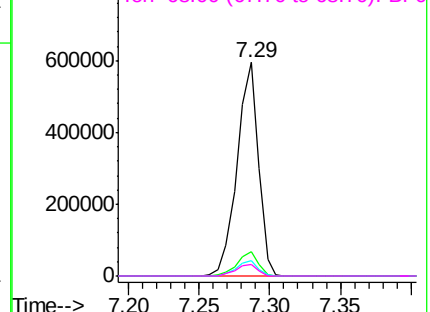
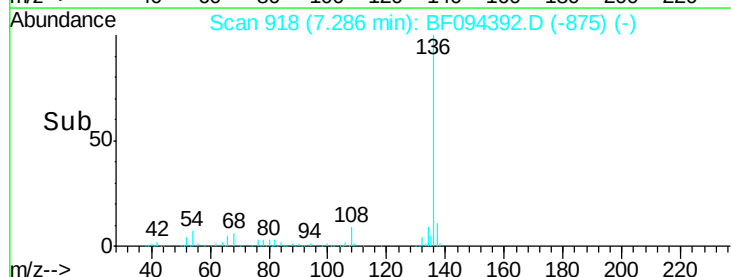
Abundance

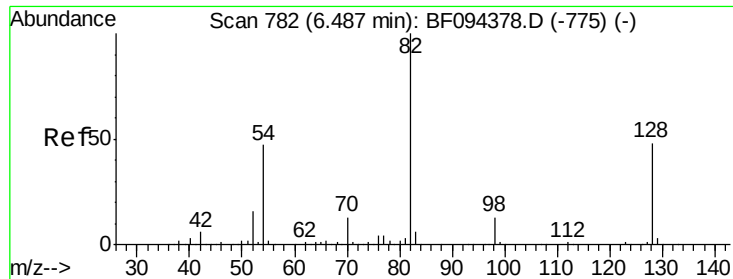
Ion 136.00 (135.70 to 136.70): E

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

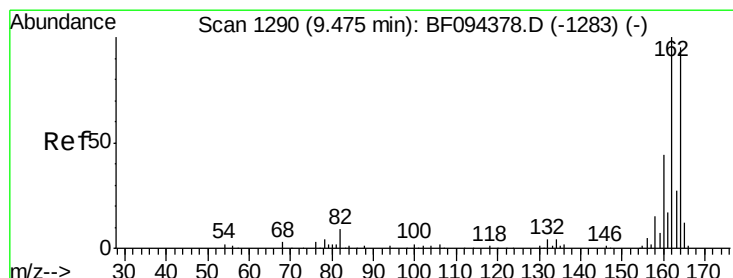
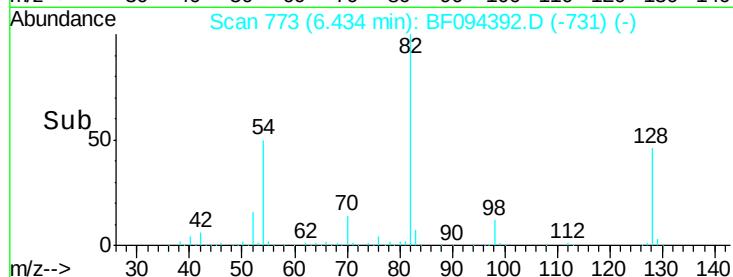
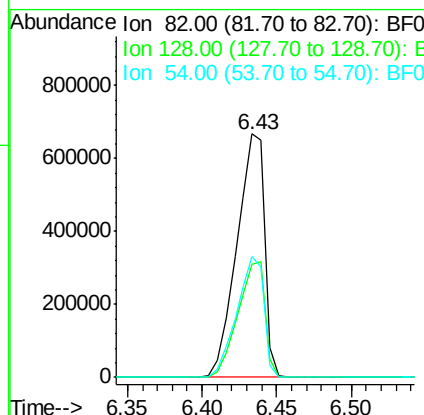
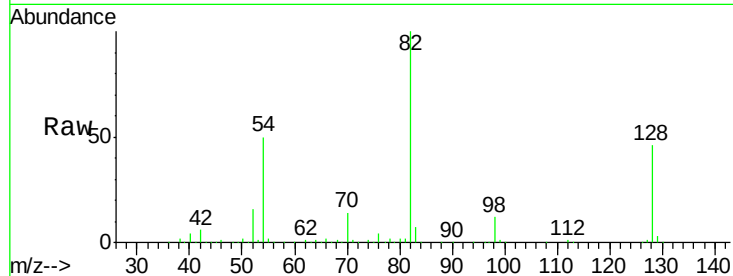




#23
 Nitrobenzene-d5
 Concen: 78.84 ng
 RT: 6.43 min Scan# 773
 Delta R.T. -0.05 min
 Lab File: BF094392.D
 Acq: 13 Apr 2017 15:46

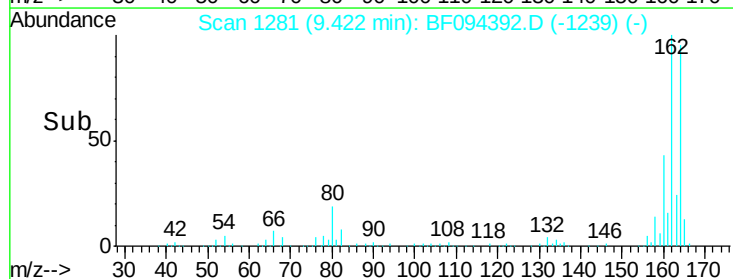
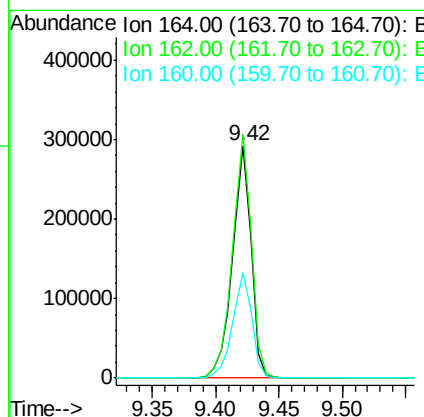
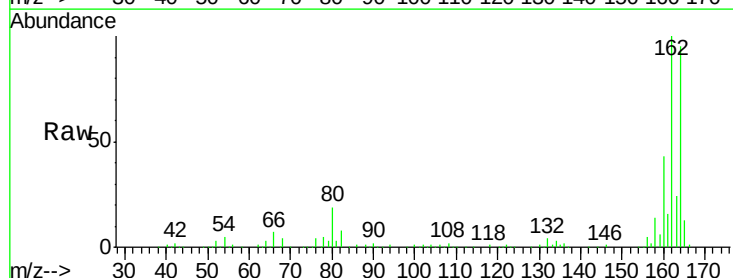
Instrument :
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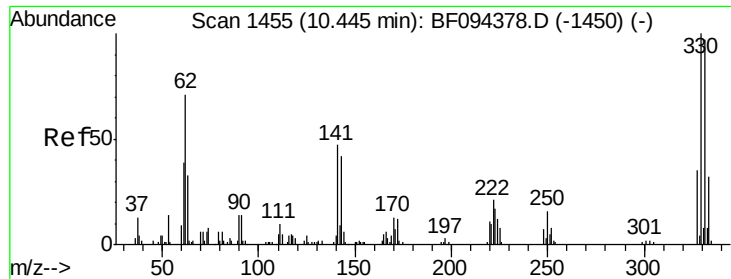
Tot Ion	82	Resp	864121
Ion Ratio	Lower	Upper	
82	100		
128	46.5	34.0	51.0
54	49.8	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.42 min Scan# 1281
 Delta R.T. -0.05 min
 Lab File: BF094392.D
 Acq: 13 Apr 2017 15:46

Tgt Ion	164	Resp	295767
Ion Ratio	Lower	Upper	
164	100		
162	104.8	82.6	123.8
160	45.2	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 127.60 ng

RT: 10.40 min Scan# 1448

Delta R.T. -0.04 min

Lab File: BF094392.D

Acq: 13 Apr 2017 15:46

Instrument :

BNA_F

ClientSampleId :

PB98215TB

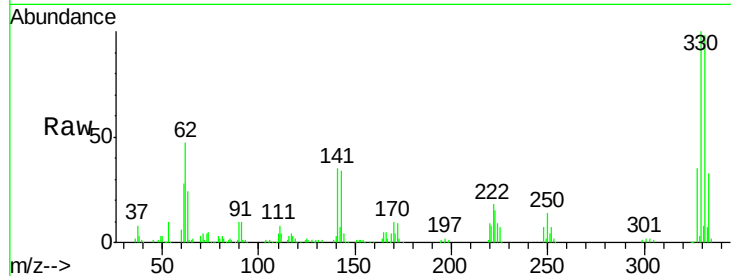
Tot Ion:330 Resp: 298232

Ion Ratio Lower Upper

330 100

332 95.9 76.6 115.0

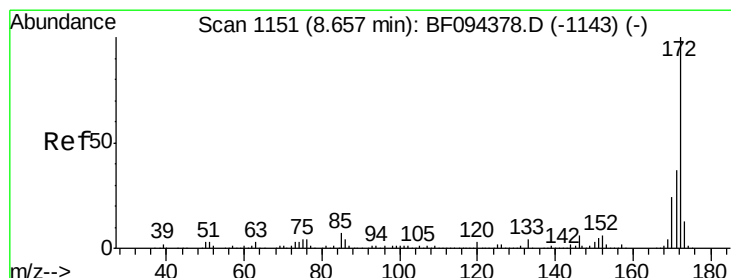
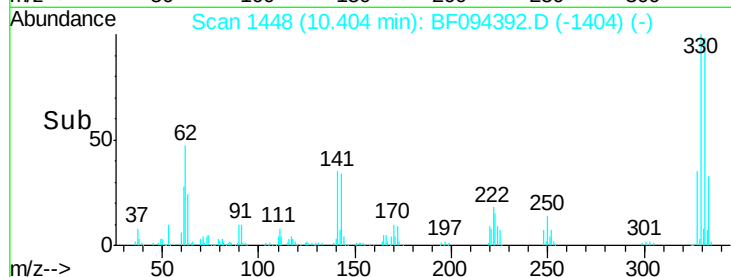
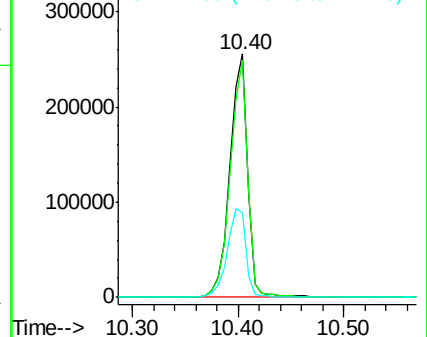
141 38.9 31.4 47.2



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: 84.97 ng

RT: 8.61 min Scan# 1143

Delta R.T. -0.05 min

Lab File: BF094392.D

Acq: 13 Apr 2017 15:46

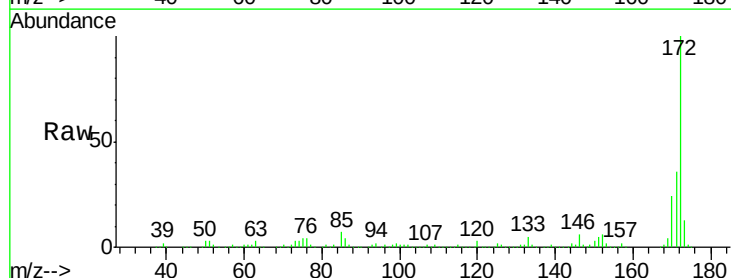
Tgt Ion:172 Resp: 1647663

Ion Ratio Lower Upper

172 100

171 36.2 29.6 44.4

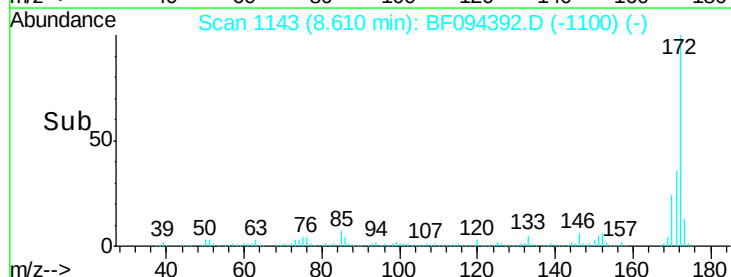
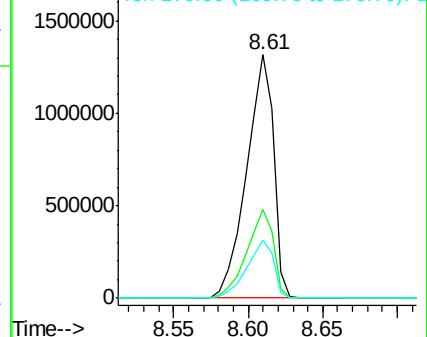
170 23.8 19.8 29.8

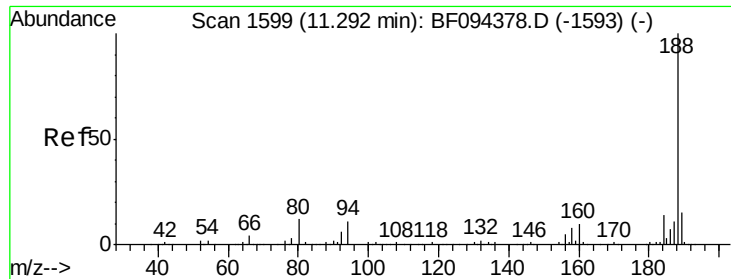


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

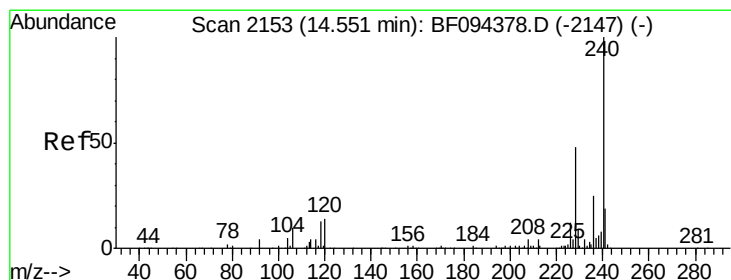
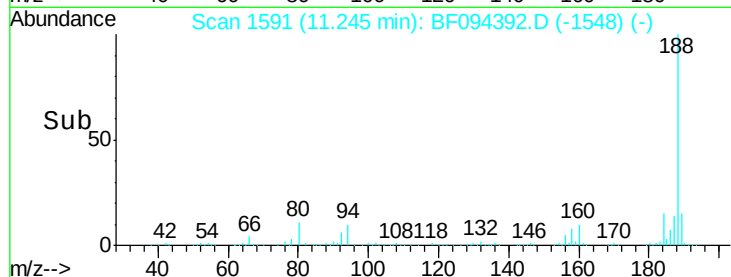
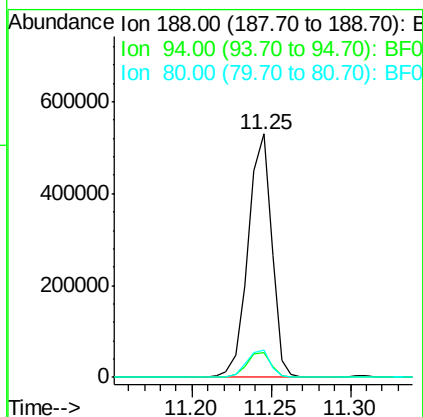
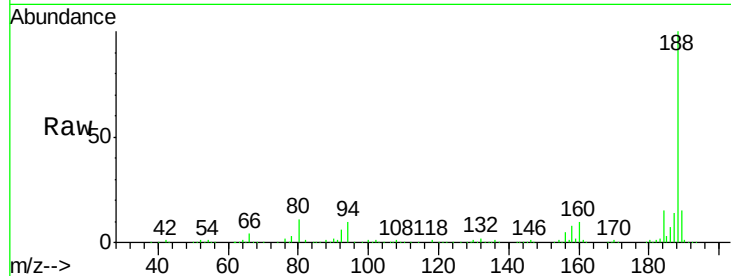




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 1591
Delta R.T. -0.05 min
Lab File: BF094392.D
Acq: 13 Apr 2017 15:46

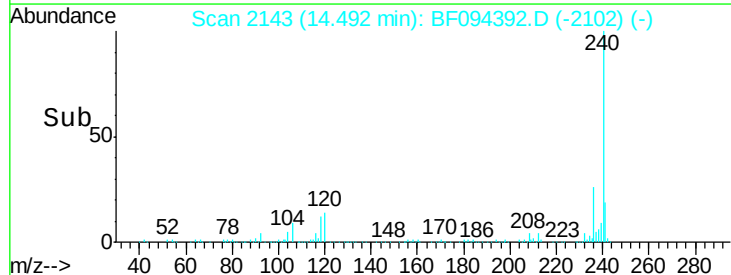
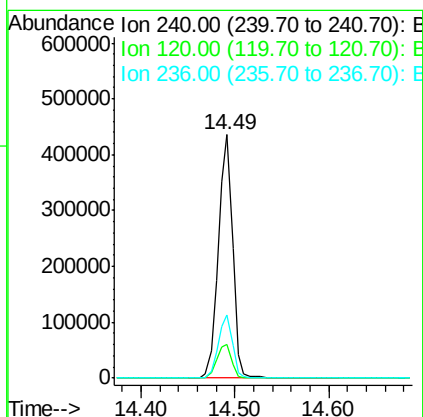
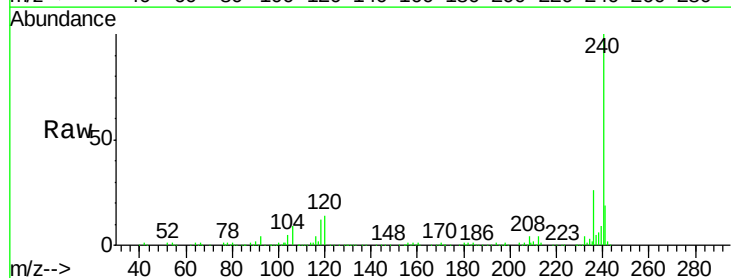
Instrument :
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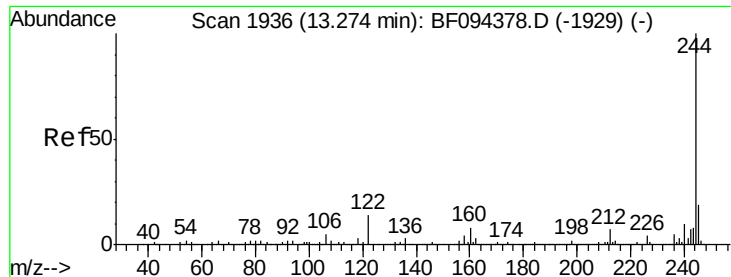
Tot Ion:188 Resp: 550809
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 11.0 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.49 min Scan# 2143
Delta R.T. -0.06 min
Lab File: BF094392.D
Acq: 13 Apr 2017 15:46

Tgt Ion:240 Resp: 466058
Ion Ratio Lower Upper
240 100
120 13.9 5.8 8.8#
236 25.8 20.5 30.7

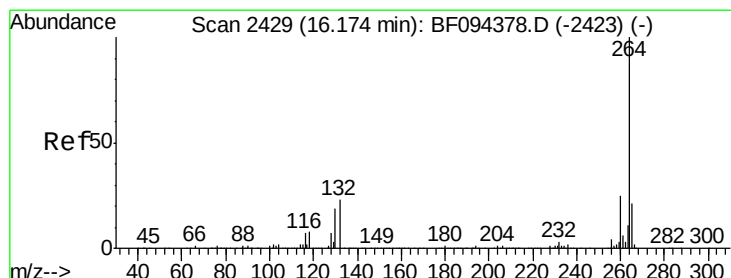
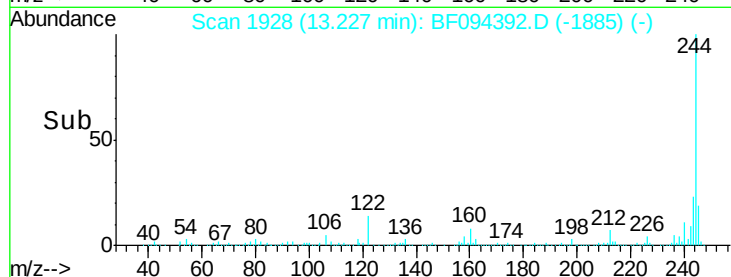
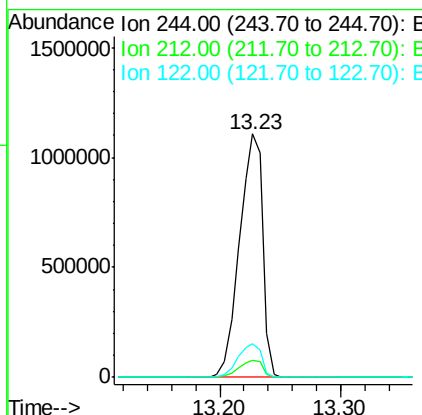
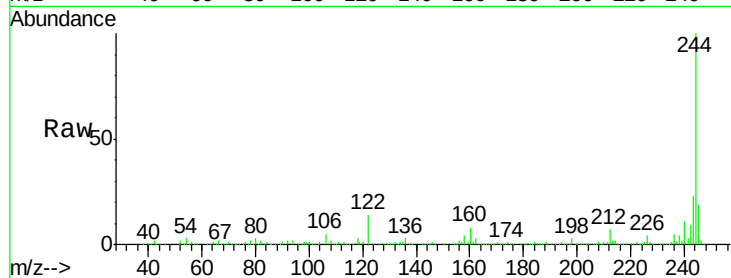




#78
 Terphenyl-d14
 Concen: 71.29 ng
 RT: 13.23 min Scan# 1928
 Delta R.T. -0.05 min
 Lab File: BF094392.D
 Acq: 13 Apr 2017 15:46

Instrument :
 BNA_F
 ClientSampled :
 PB98215TB

Tot Ion:244 Resp: 1482242
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.8 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.12 min Scan# 2419
 Delta R.T. -0.06 min
 Lab File: BF094392.D
 Acq: 13 Apr 2017 15:46

Tgt Ion:264 Resp: 375162
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.2 17.2 25.8

