

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094732.D
 Acq On : 30 Apr 2017 23:14
 Operator : SJ/MA
 Sample : I2902-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EQUIPBLANK

Quant Time: May 01 04:26:04 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	113939	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	463065	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	217518	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	367482	20.00	ng	0.00
75) Chrysene-d12	14.47	240	247033	20.00	ng	0.00
86) Perylene-d12	16.09	264	221730	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	407518	59.34	ng	0.02
7) Phenol-d6	5.40	99	311930	38.53	ng	0.00
23) Nitrobenzene-d5	6.42	82	684179	91.23	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	202721	119.15	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1298299	87.82	ng	0.00
78) Terphenyl-d14	13.19	244	1038650	112.38	ng	0.00

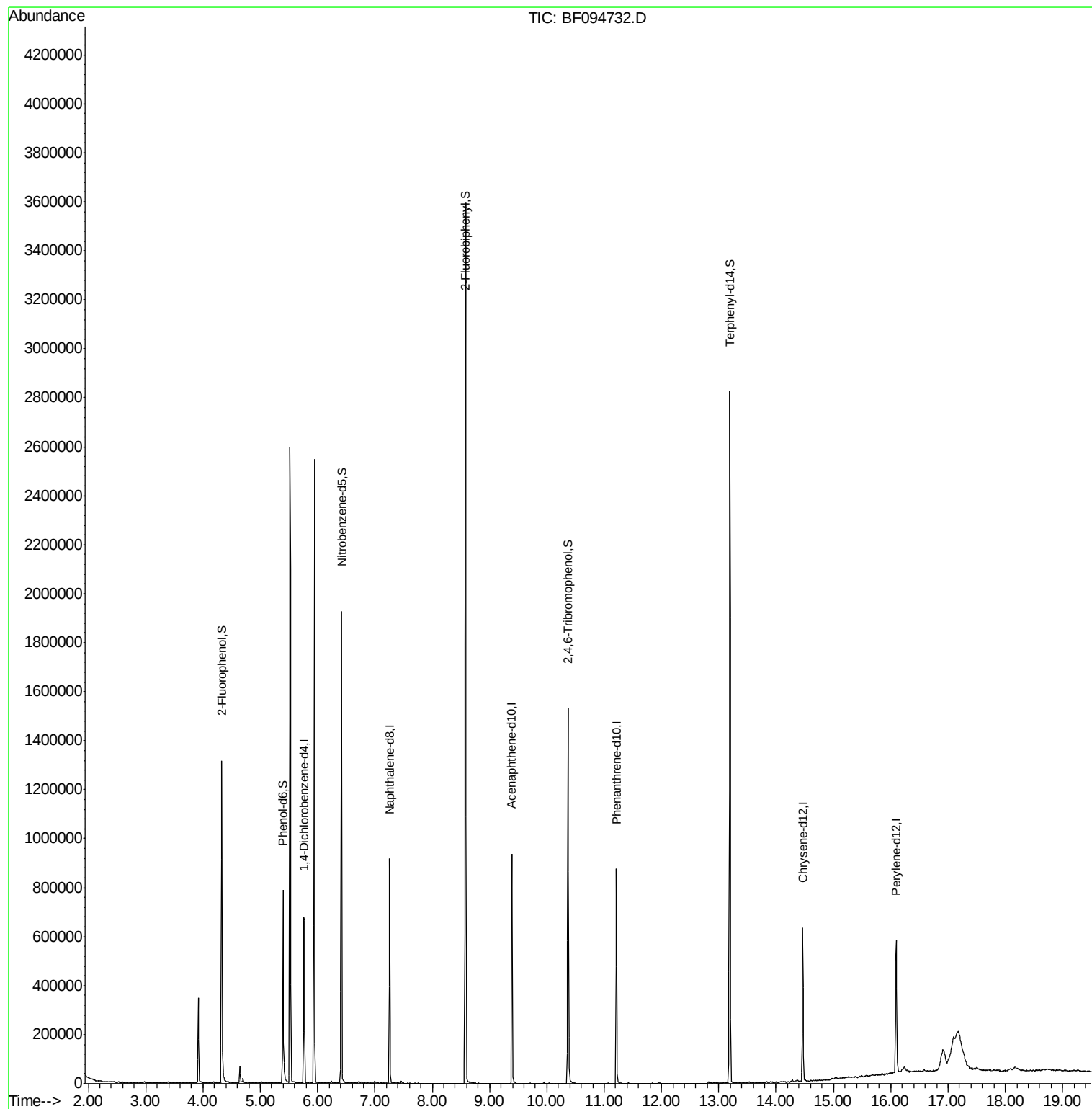
Target Compounds Qvalue

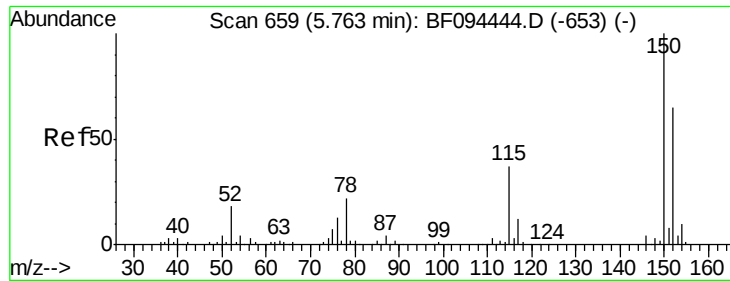
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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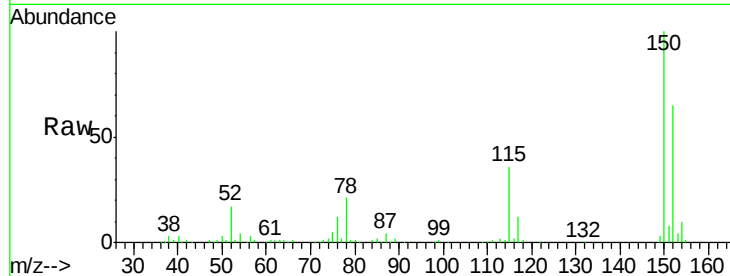


#1

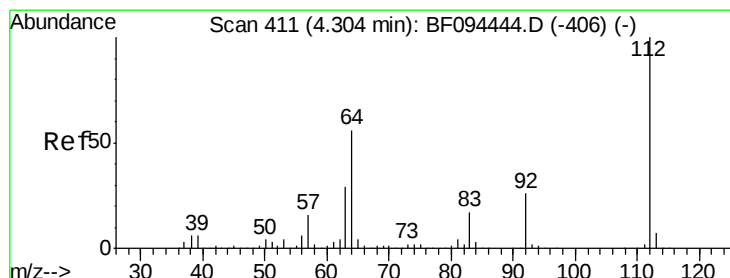
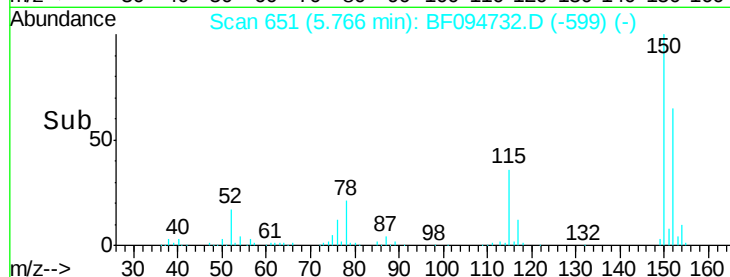
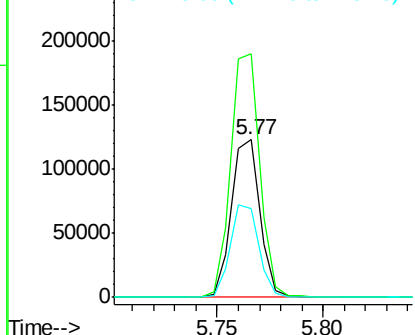
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094732.D
Acq: 30 Apr 2017 23:14

Instrument :
BNA_F
ClientSampleId :
EQUIPBLANK

Tot Ion:152 Resp: 113939
Ion Ratio Lower Upper
152 100
150 154.6 126.2 189.2
115 56.3 52.2 78.2



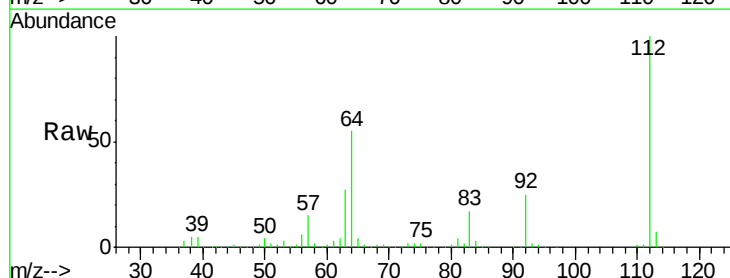
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



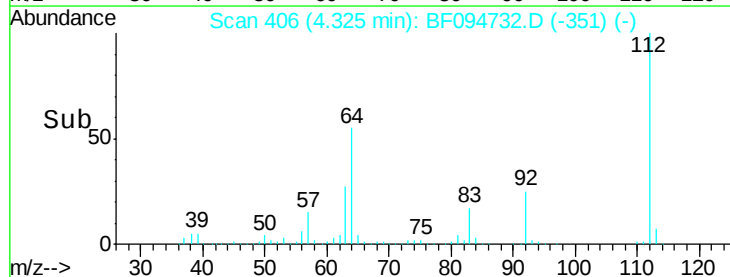
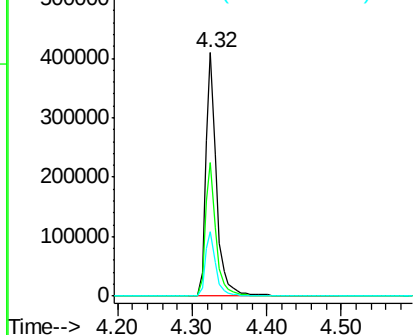
#5

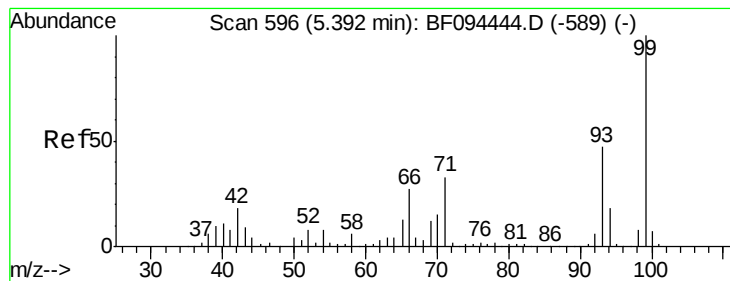
2-Fluorophenol
Concen: 59.34 ng
RT: 4.32 min Scan# 406
Delta R.T. 0.02 min
Lab File: BF094732.D
Acq: 30 Apr 2017 23:14

Tgt Ion:112 Resp: 407518
Ion Ratio Lower Upper
112 100
64 54.6 46.0 69.0
63 26.5 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: 38.53 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094732.D

Acq: 30 Apr 2017 23:14

Instrument :

BNA_F

ClientSampleId :

EQUIPBLANK

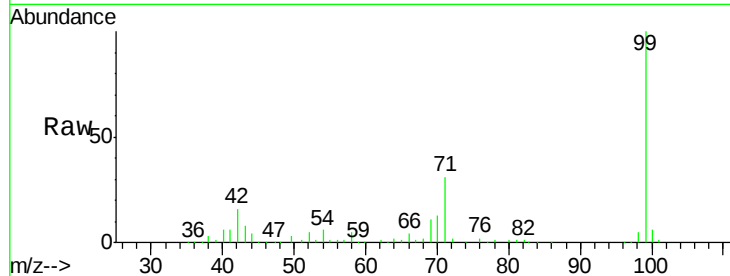
Tot Ion: 99 Resp: 311930

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

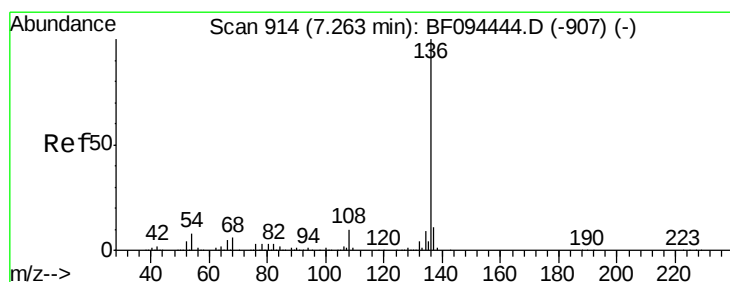
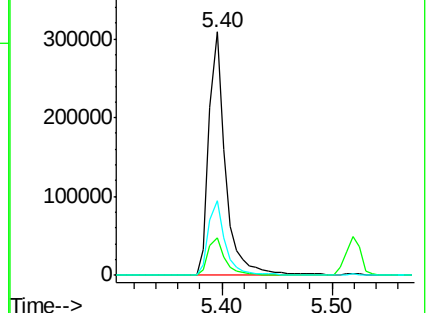
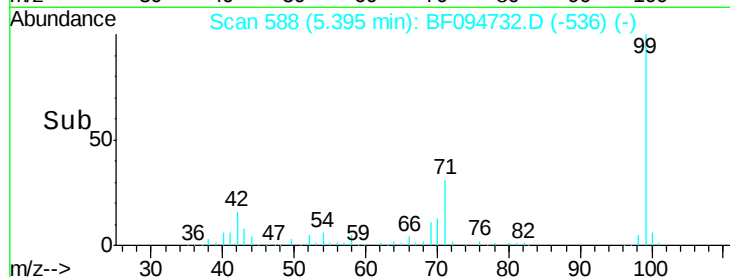
71 30.9 24.5 36.7



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: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094732.D

Acq: 30 Apr 2017 23:14

Tgt Ion: 136 Resp: 463065

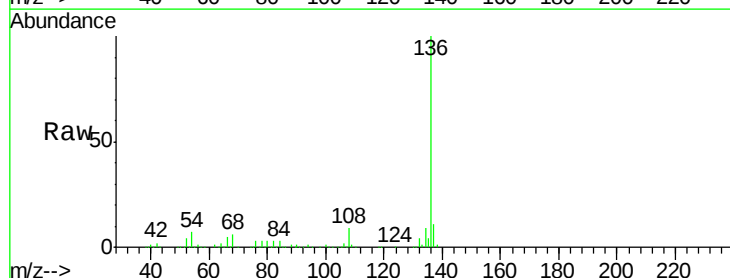
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.5 4.9 7.3#

68 5.7 4.1 6.1

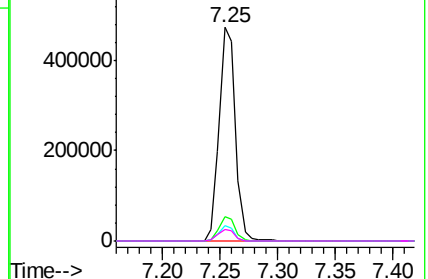
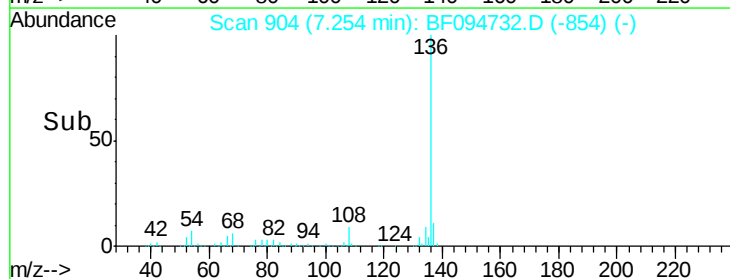


Abundance Ion 136.00 (135.70 to 136.70): E

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

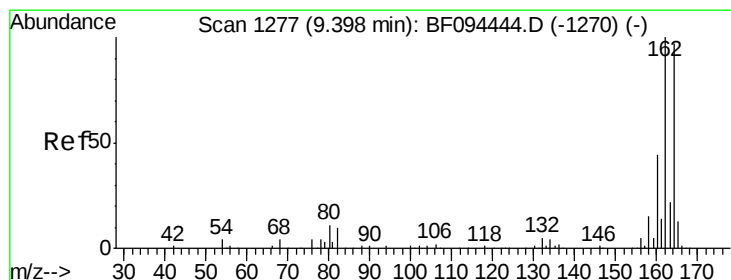
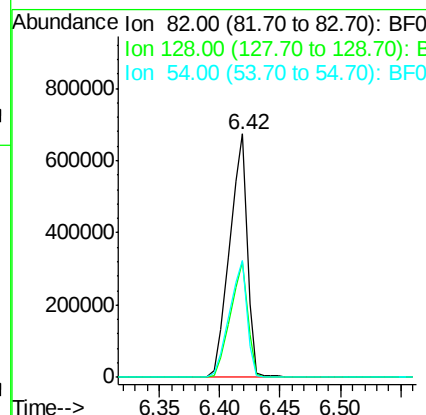
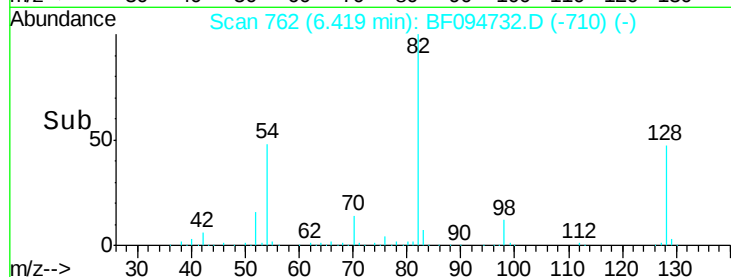
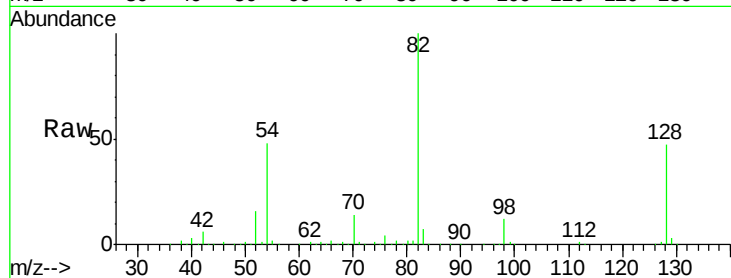




#23
 Nitrobenzene-d5
 Concen: 91.23 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094732.D
 Acq: 30 Apr 2017 23:14

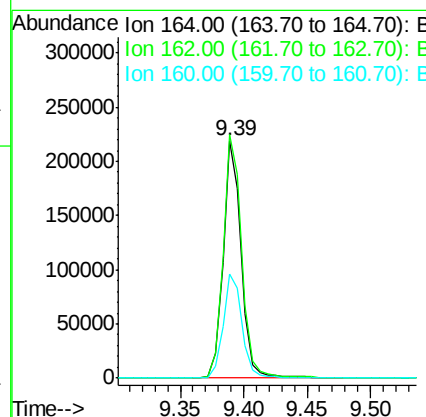
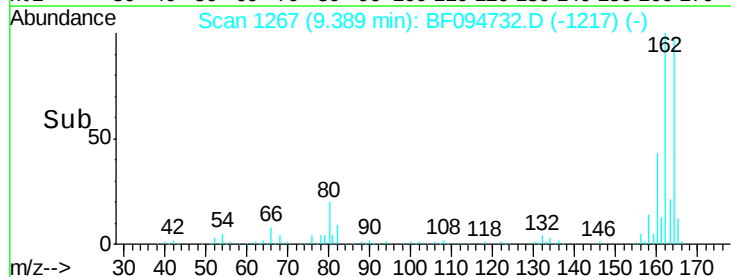
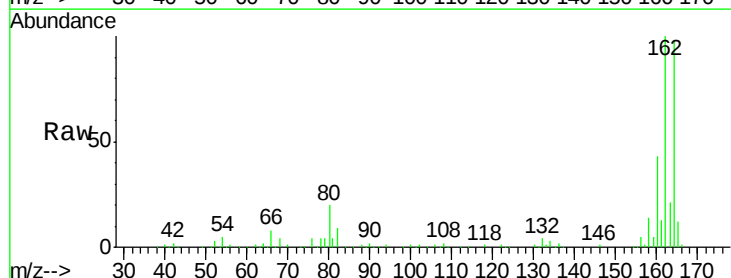
Instrument :
 BNA_F
 ClientSampleId :
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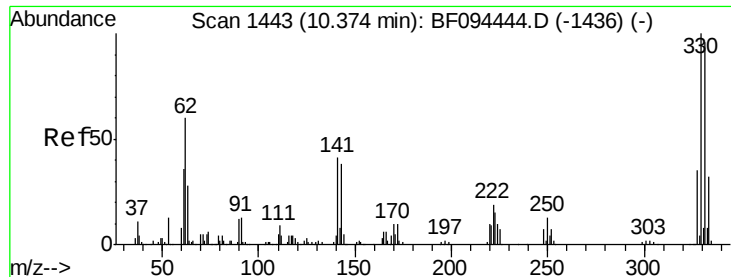
Tot Ion: 82 Resp: 684179
 Ion Ratio Lower Upper
 82 100
 128 47.3 34.0 51.0
 54 47.9 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094732.D
 Acq: 30 Apr 2017 23:14

Tgt Ion:164 Resp: 217518
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.6 123.8
 160 43.6 36.2 54.2

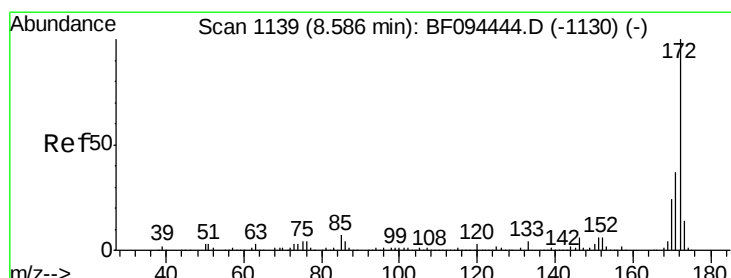
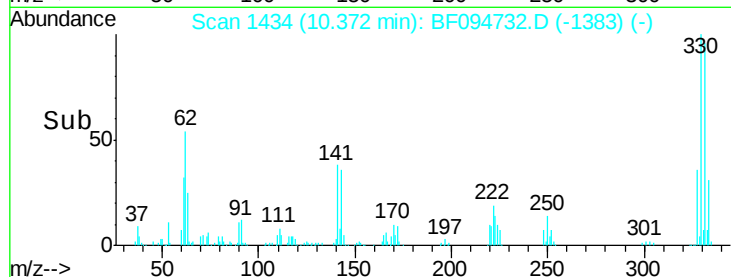
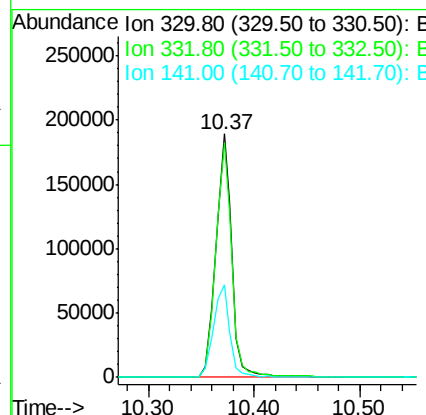
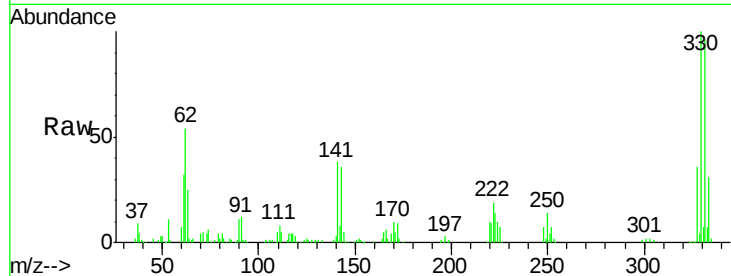




#41
 2,4,6-Tribromophenol
 Concen: 119.15 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094732.D
 Acq: 30 Apr 2017 23:14

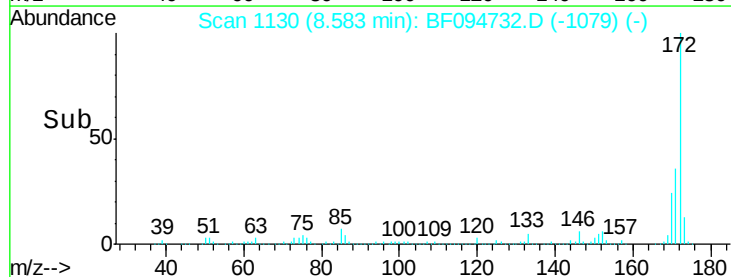
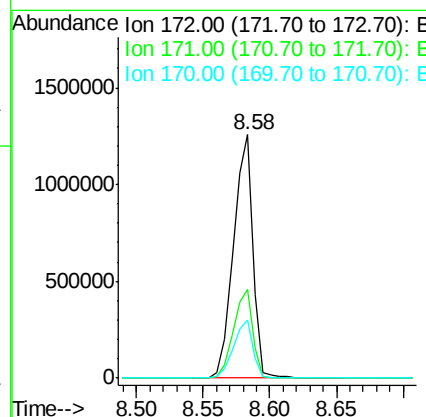
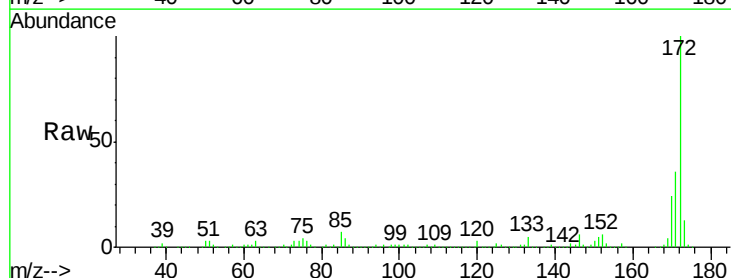
Instrument :
 BNA_F
 ClientSampleId :
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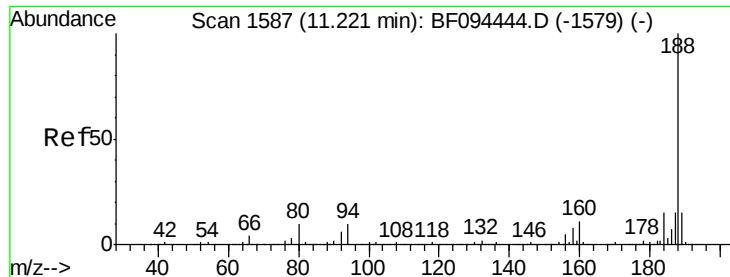
Tot Ion:330 Resp: 202721
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 115.0
 141 39.0 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 87.82 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094732.D
 Acq: 30 Apr 2017 23:14

Tgt Ion:172 Resp: 1298299
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.1 19.8 29.8

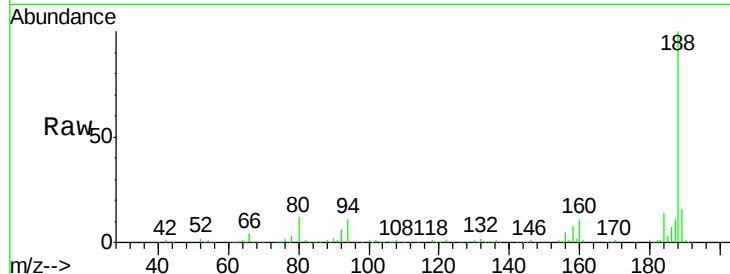




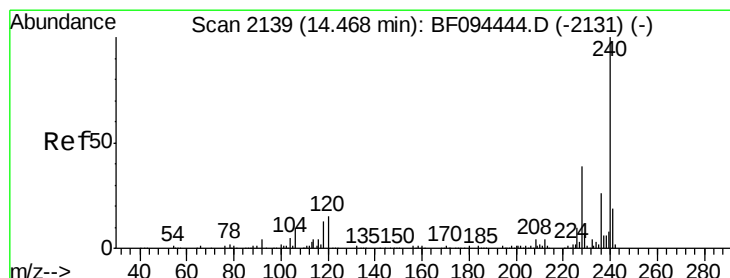
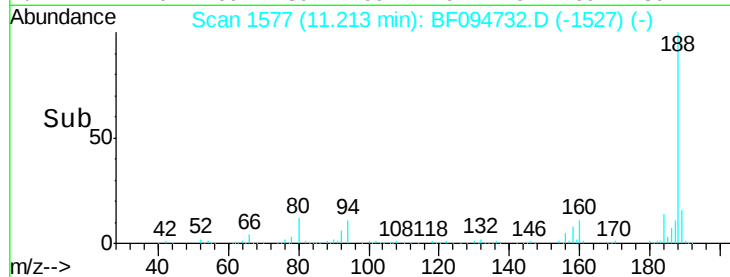
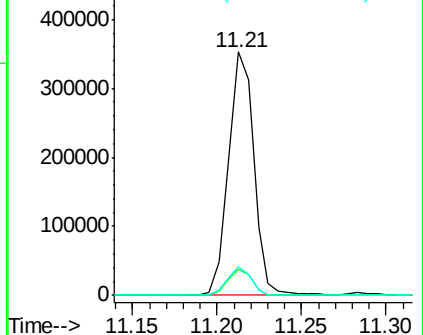
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094732.D
Acq: 30 Apr 2017 23:14

Instrument :
BNA_F
ClientSampleId :
EQUIPBLANK

Tot Ion:188 Resp: 367482
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.5 10.2 15.2

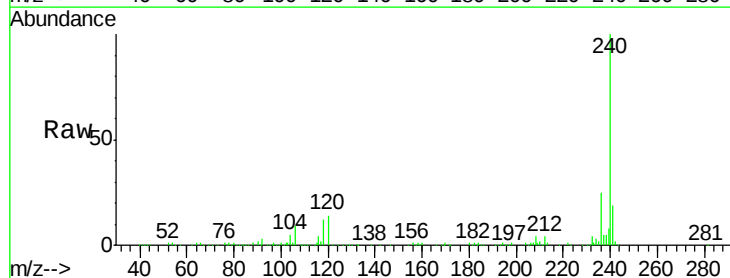


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

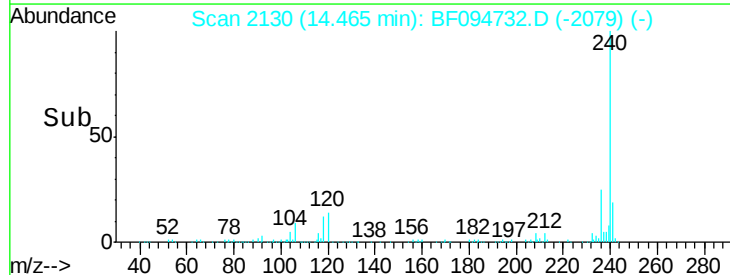
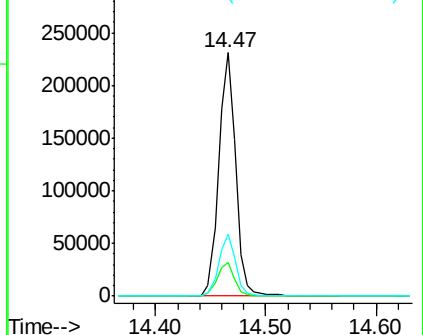


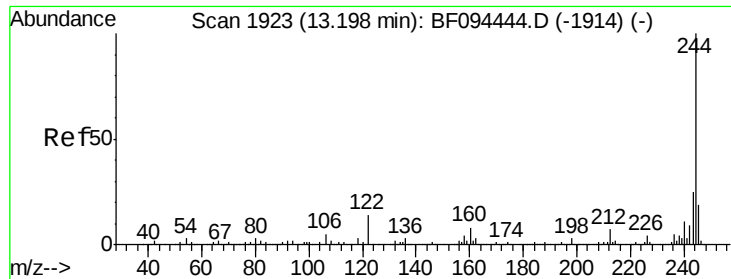
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF094732.D
Acq: 30 Apr 2017 23:14

Tgt Ion:240 Resp: 247033
Ion Ratio Lower Upper
240 100
120 14.0 5.8 8.8#
236 25.2 20.5 30.7



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

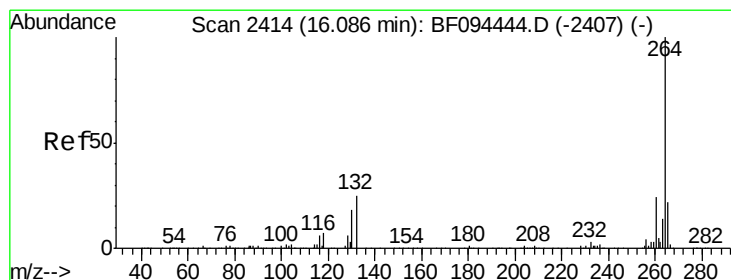
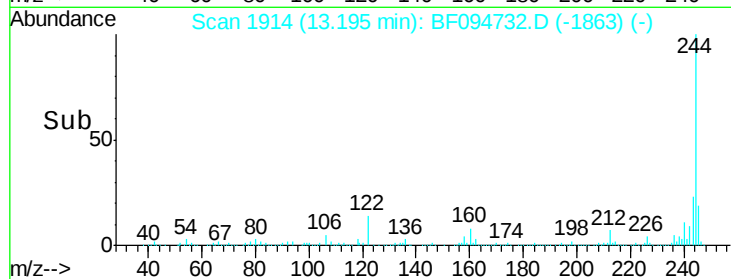
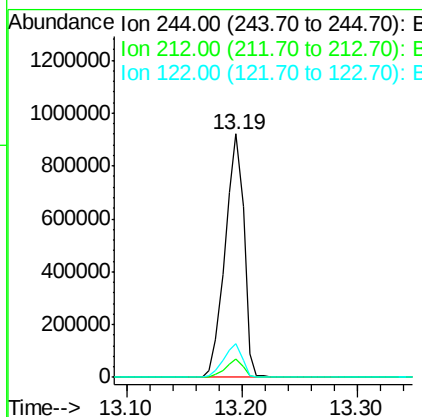
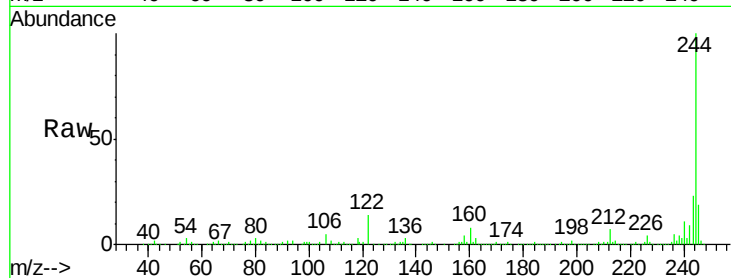




#78
 Terphenyl-d14
 Concen: 112.38 ng
 RT: 13.19 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094732.D
 Acq: 30 Apr 2017 23:14

Instrument :
 BNA_F
 ClientSampleId :
 EQUIPBLANK

Tot Ion:244 Resp: 1038650
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 13.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094732.D
 Acq: 30 Apr 2017 23:14

Tgt Ion:264 Resp: 221730
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.2 17.2 25.8

