

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102416\
 Data File : BF090793.D
 Acq On : 24 Oct 2016 17:53
 Operator : UM/SJ
 Sample : H5357-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-Z5-B545-161019

Quant Time: Oct 24 18:54:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	231696	20.00	ng	-0.03
21) Naphthalene-d8	8.12	136	1000815	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	543890	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	897299	20.00	ng	-0.03
75) Chrysene-d12	14.00	240	710463	20.00	ng	-0.02
86) Perylene-d12	15.42	264	512847	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1704909	118.67	ng	0.00
7) Phenol-d6	6.47	99	2022164	103.92	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1537829	84.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	778714	180.89	ng	-0.02
44) 2-Fluorobiphenyl	9.19	172	2536562	72.40	ng	-0.03
78) Terphenyl-d14	12.96	244	2859918	92.26	ng	-0.01

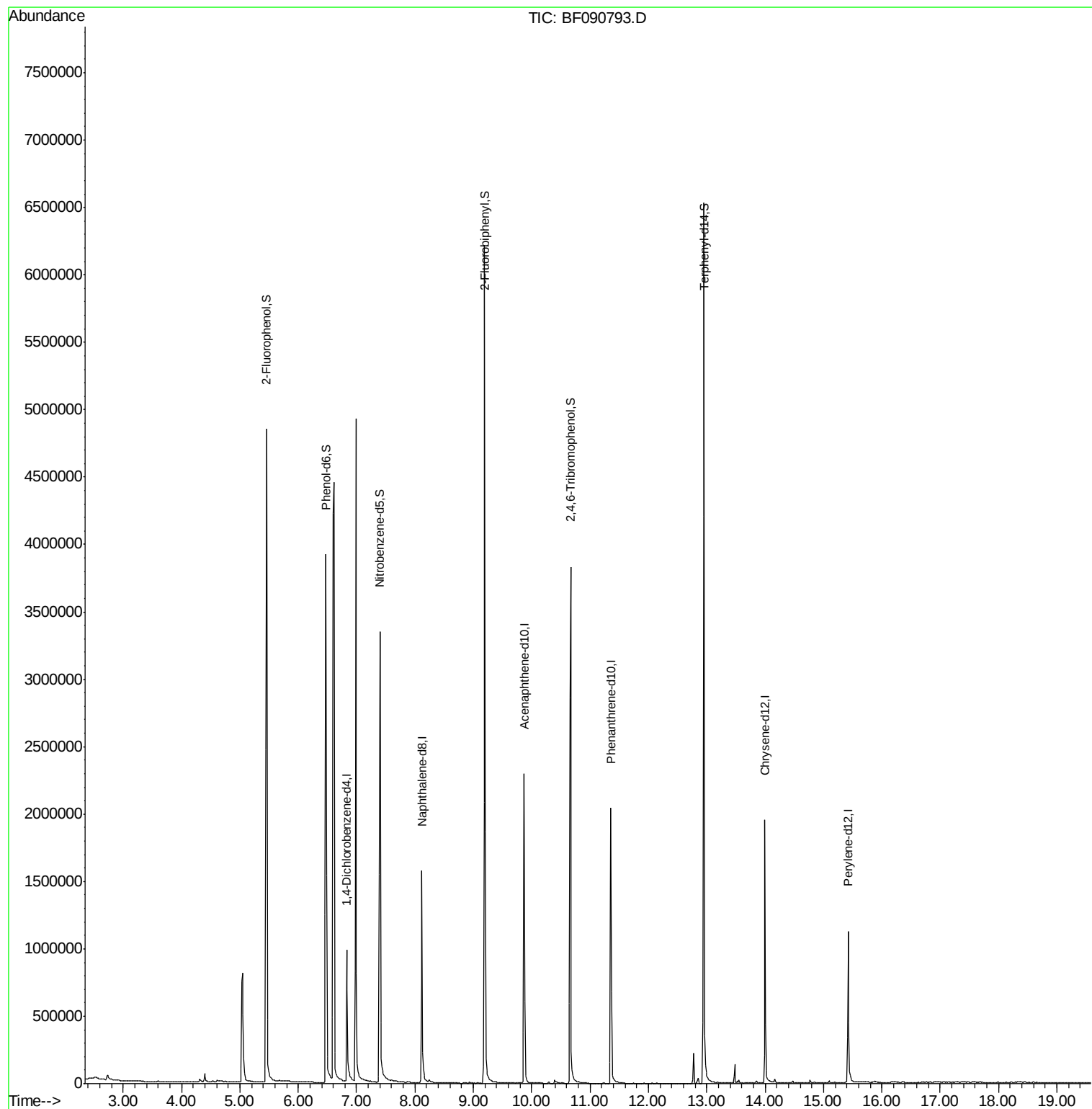
Target Compounds Qvalue

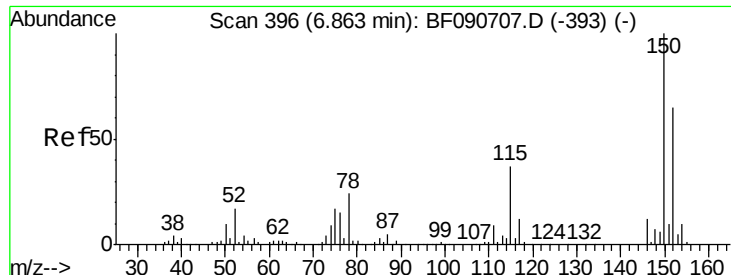
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 393

Delta R.T. -0.03 min

Lab File: BF090793.D

Acq: 24 Oct 2016 17:53

Instrument :

BNA_F

ClientSampleId :

IDW-Z5-B545-161019

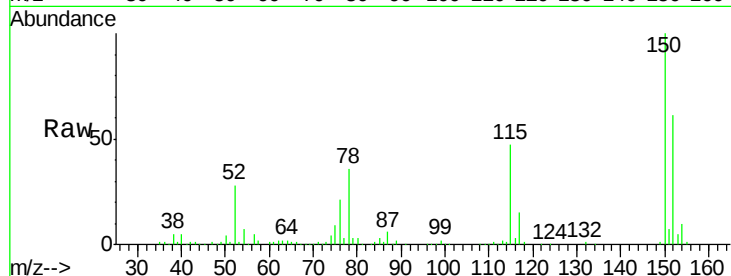
Tot Ion:152 Resp: 231696

Ion Ratio Lower Upper

152 100

150 162.7 124.7 187.1

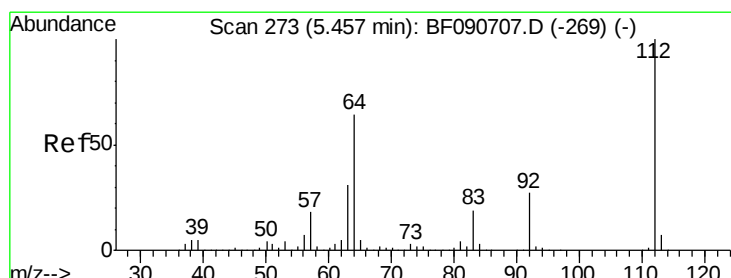
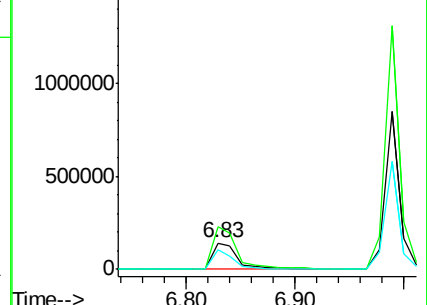
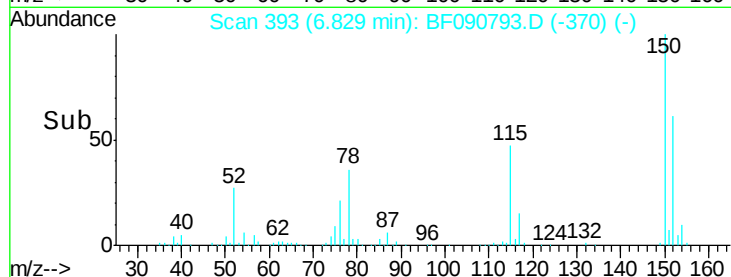
115 75.9 39.0 58.4#



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: 118.67 ng

RT: 5.46 min Scan# 273

Delta R.T. 0.00 min

Lab File: BF090793.D

Acq: 24 Oct 2016 17:53

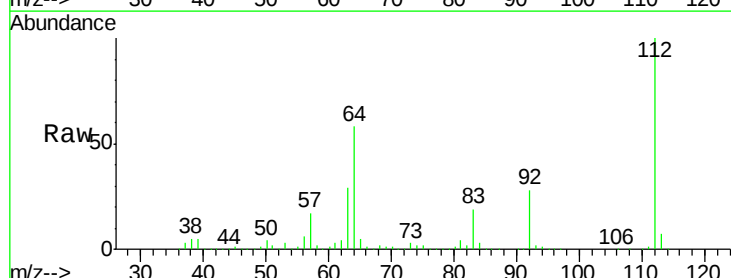
Tgt Ion:112 Resp: 1704909

Ion Ratio Lower Upper

112 100

64 58.2 39.7 59.5

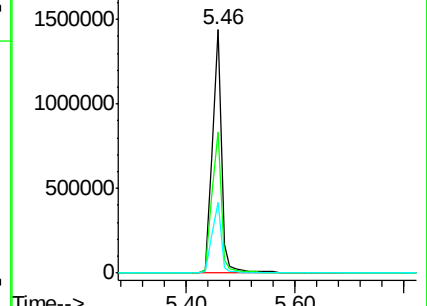
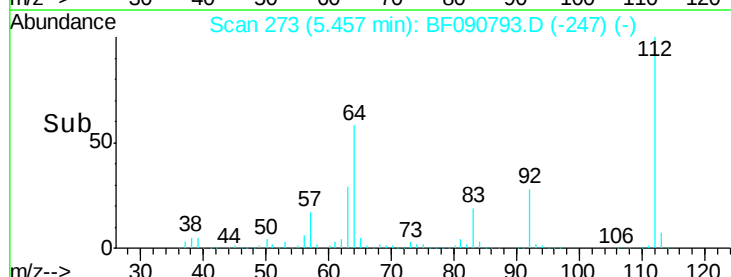
63 29.1 17.4 26.0#

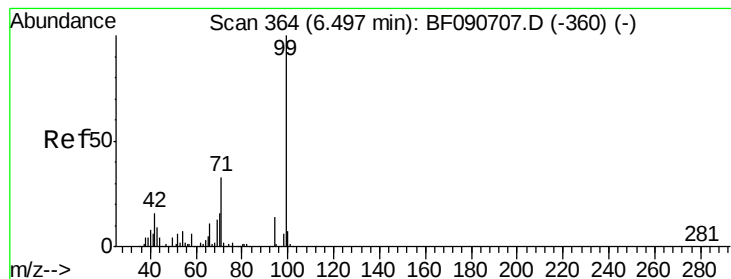


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.92 ng

RT: 6.47 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF090793.D

Acq: 24 Oct 2016 17:53

Instrument :

BNA_F

ClientSampleId :

IDW-Z5-B545-161019

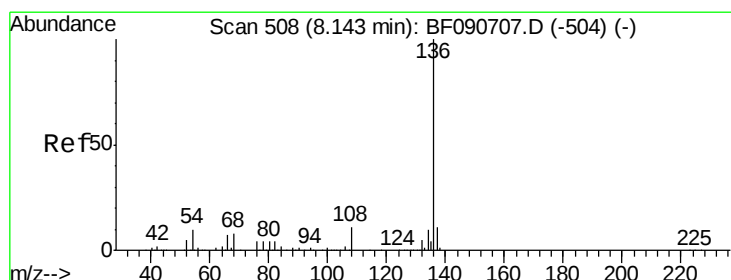
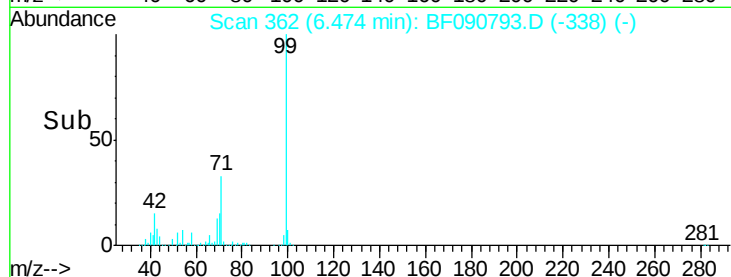
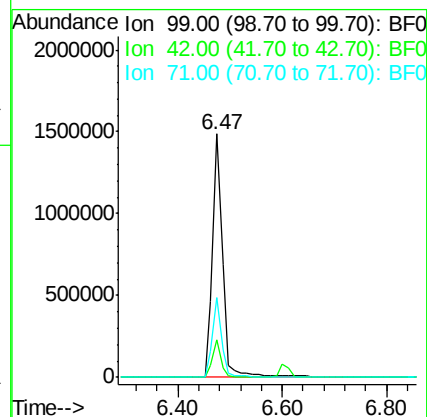
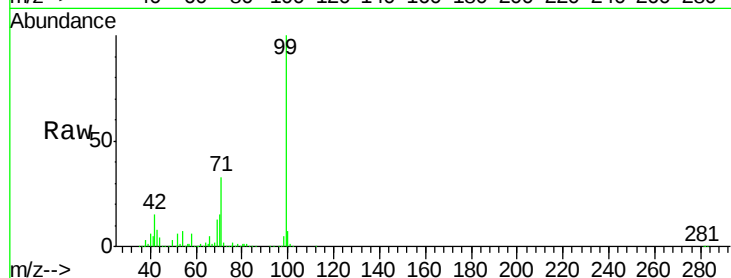
Tot Ion: 99 Resp: 2022164

Ion Ratio Lower Upper

99 100

42 15.4 13.7 20.5

71 32.7 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF090793.D

Acq: 24 Oct 2016 17:53

Tgt Ion: 136 Resp: 1000815

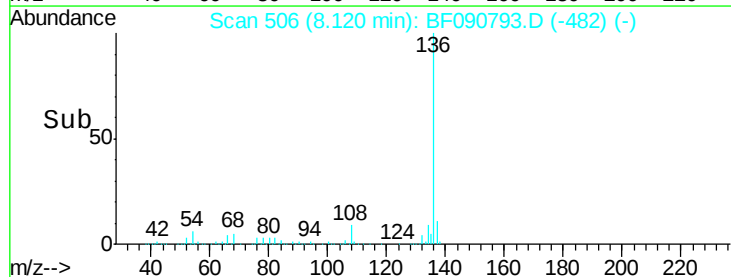
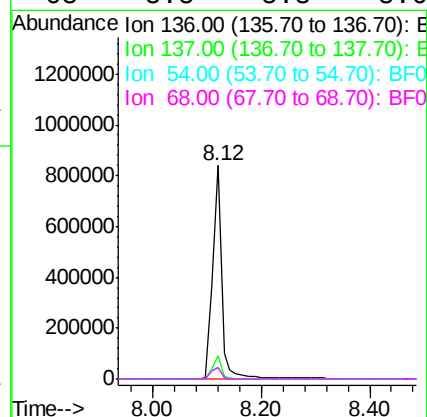
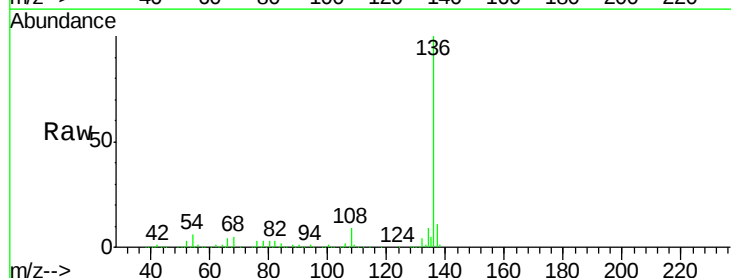
Ion Ratio Lower Upper

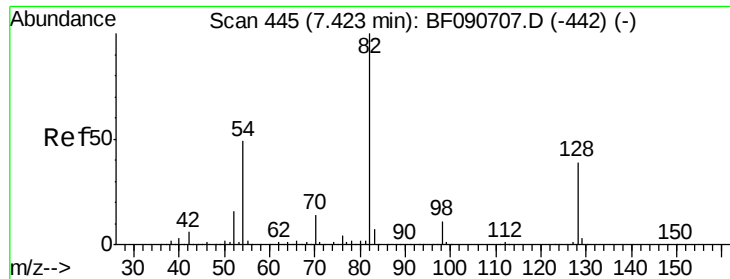
136 100

137 10.9 9.0 13.6

54 5.6 8.2 12.2#

68 5.5 5.8 8.6#

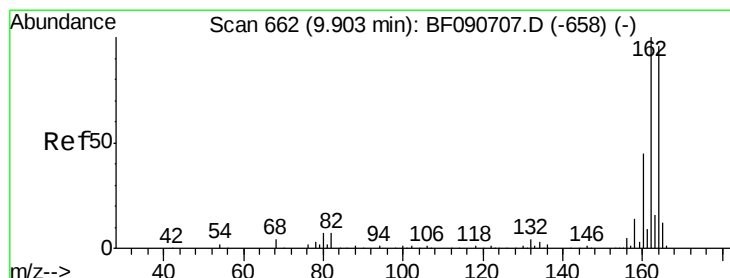
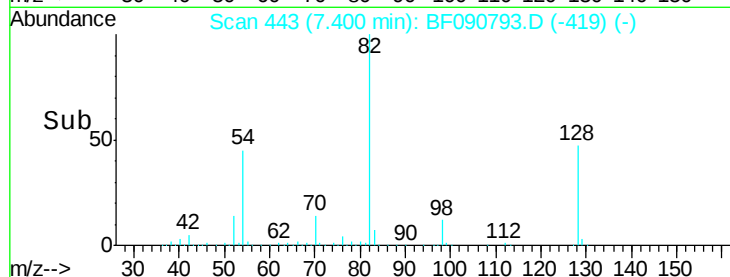
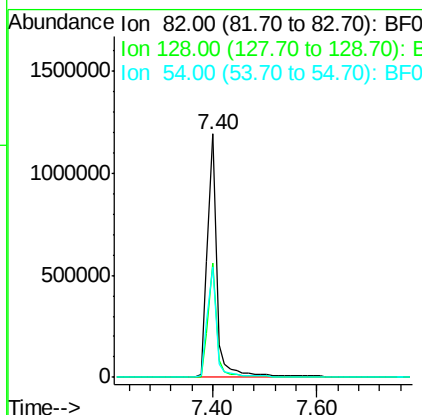
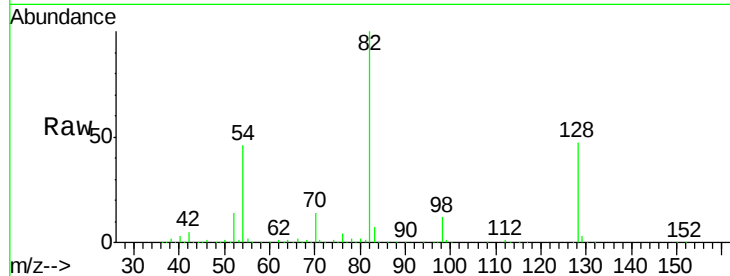




#23
 Nitrobenzene-d5
 Concen: 84.28 ng
 RT: 7.40 min Scan# 443
 Delta R.T. -0.02 min
 Lab File: BF090793.D
 Acq: 24 Oct 2016 17:53

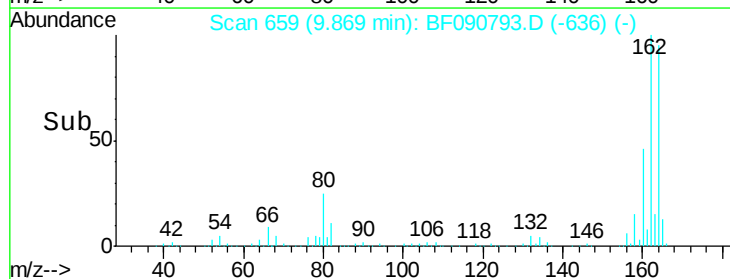
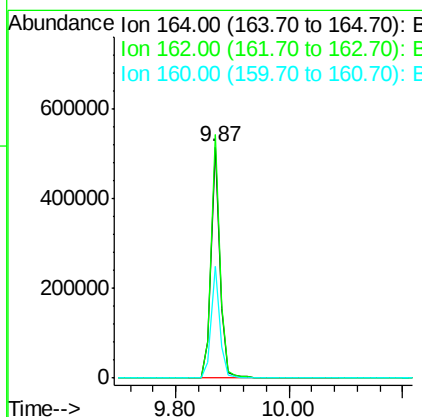
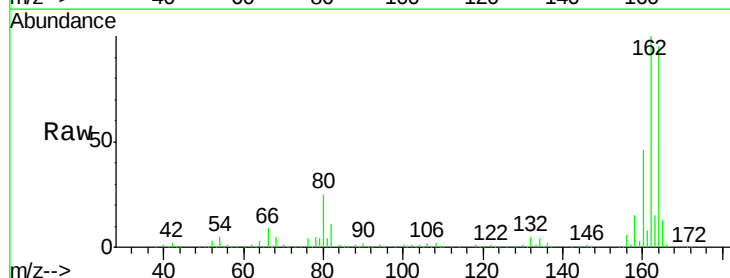
Instrument :
 BNA_F
 ClientSampleId :
 IDW-Z5-B545-161019

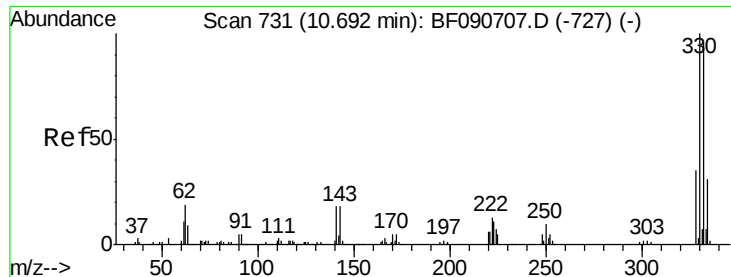
Tot Ion: 82 Resp: 1537829
 Ion Ratio Lower Upper
 82 100
 128 47.0 51.0 76.6#
 54 45.5 47.5 71.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 659
 Delta R.T. -0.03 min
 Lab File: BF090793.D
 Acq: 24 Oct 2016 17:53

Tgt Ion:164 Resp: 543890
 Ion Ratio Lower Upper
 164 100
 162 105.4 75.2 112.8
 160 48.5 31.5 47.3#

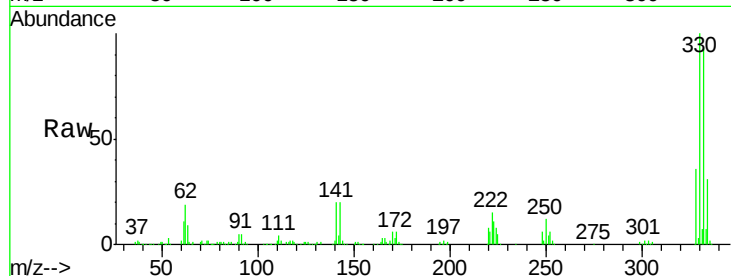




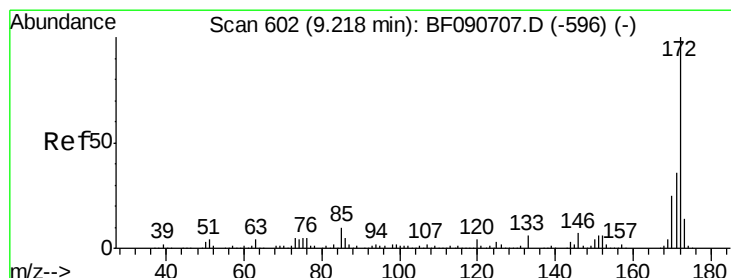
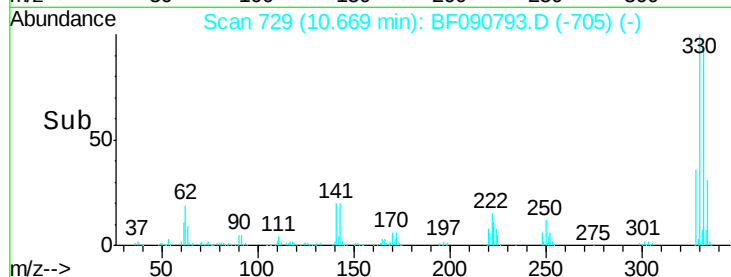
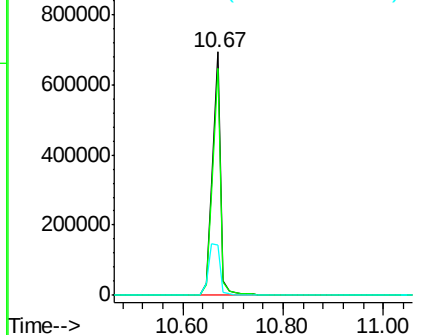
#41
 2,4,6-Tribromophenol
 Concen: 180.89 ng
 RT: 10.67 min Scan# 729
 Delta R.T. -0.02 min
 Lab File: BF090793.D
 Acq: 24 Oct 2016 17:53

Instrument :
 BNA_F
 ClientSampleId :
 IDW-Z5-B545-161019

Tot Ion:330 Resp: 778714
 Ion Ratio Lower Upper
 330 100
 332 93.4 76.6 114.8
 141 31.1 29.7 44.5

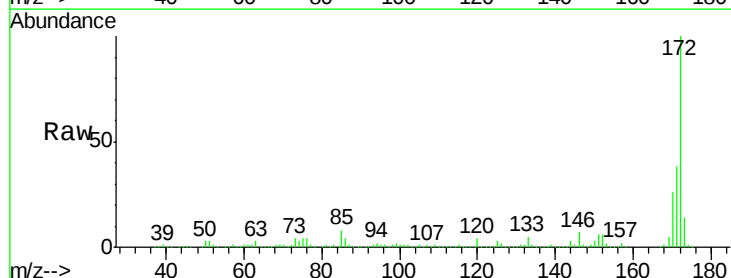


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

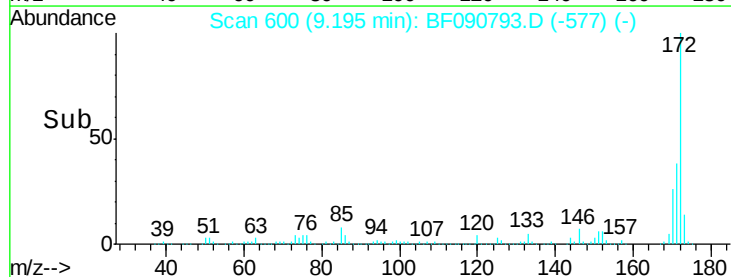
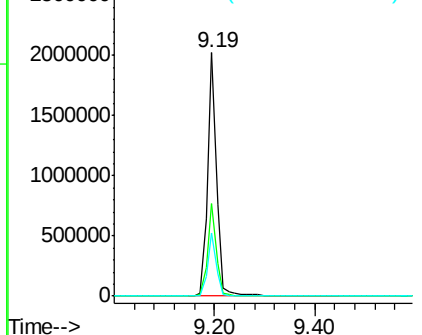


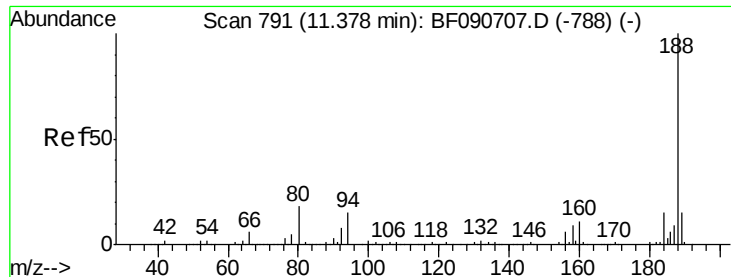
#44
 2-Fluorobiphenyl
 Concen: 72.40 ng
 RT: 9.19 min Scan# 600
 Delta R.T. -0.03 min
 Lab File: BF090793.D
 Acq: 24 Oct 2016 17:53

Tgt Ion:172 Resp: 2536562
 Ion Ratio Lower Upper
 172 100
 171 37.9 26.1 39.1
 170 26.0 17.4 26.2



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

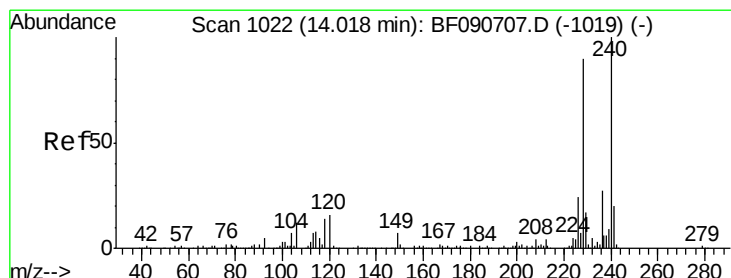
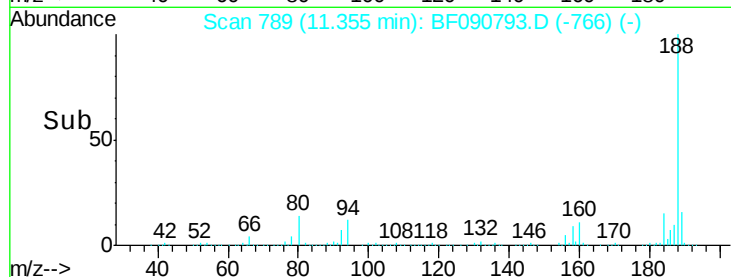
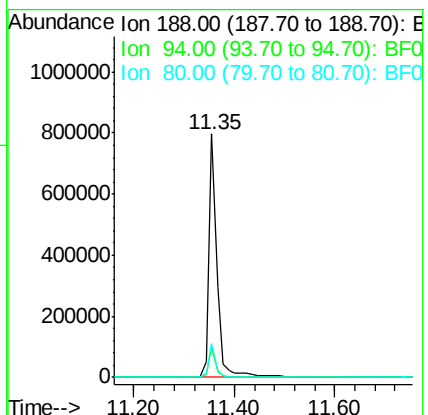
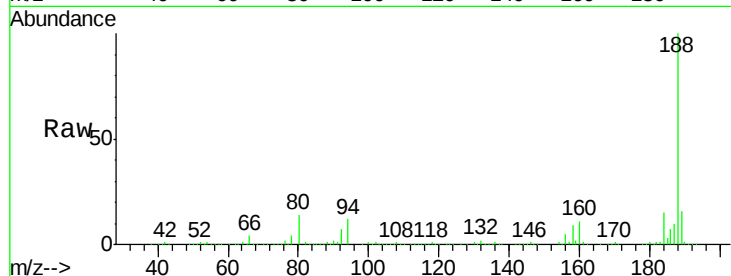




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF090793.D
Acq: 24 Oct 2016 17:53

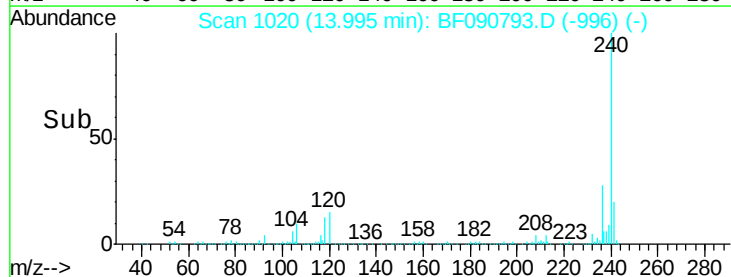
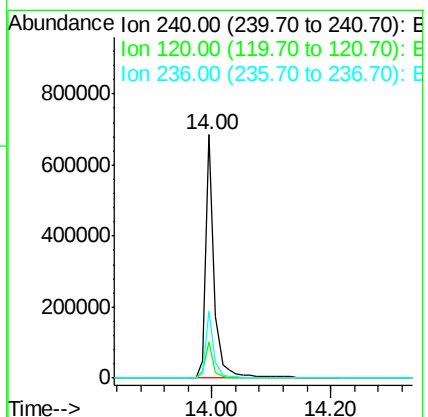
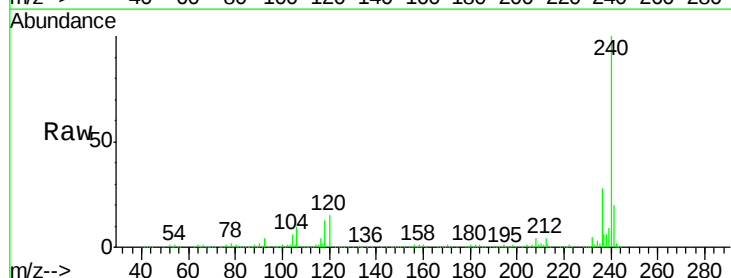
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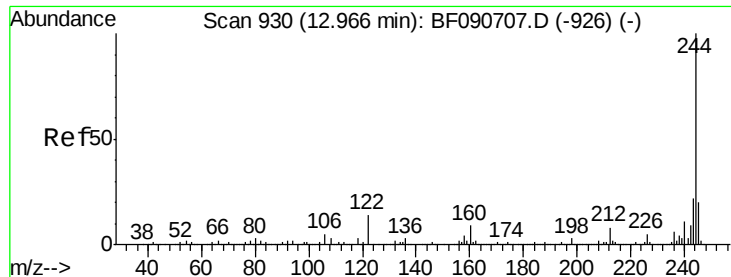
Tot Ion:188 Resp: 897299
Ion Ratio Lower Upper
188 100
94 12.5 11.1 16.7
80 14.0 11.0 16.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF090793.D
Acq: 24 Oct 2016 17:53

Tgt Ion:240 Resp: 710463
Ion Ratio Lower Upper
240 100
120 14.9 16.2 24.2#
236 27.7 18.4 27.6#

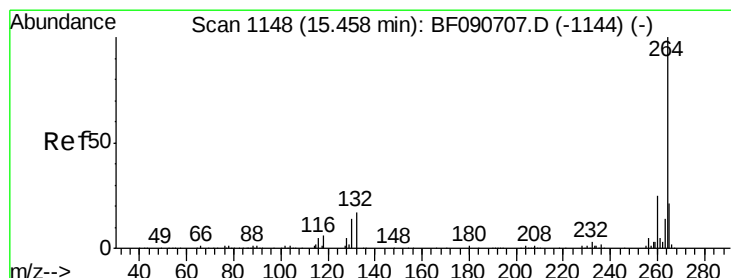
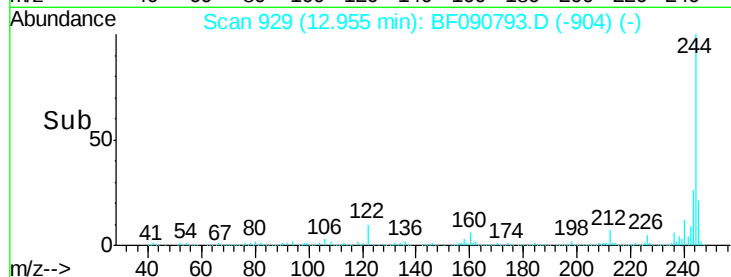
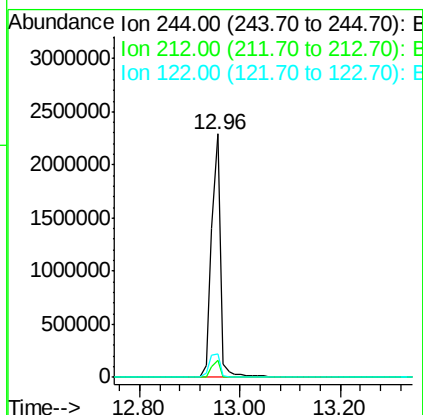
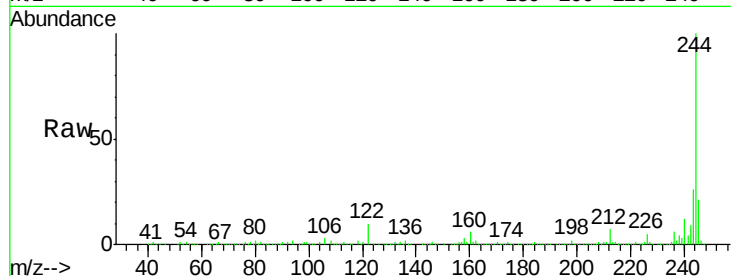




#78
 Terphenyl-d14
 Concen: 92.26 ng
 RT: 12.96 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BF090793.D
 Acq: 24 Oct 2016 17:53

Instrument :
 BNA_F
 ClientSampleId :
 IDW-Z5-B545-161019

Tot Ion:244 Resp: 2859918
 Ion Ratio Lower Upper
 244 100
 212 7.1 4.3 6.5#
 122 9.5 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1145
 Delta R.T. -0.03 min
 Lab File: BF090793.D
 Acq: 24 Oct 2016 17:53

Tgt Ion:264 Resp: 512847
 Ion Ratio Lower Upper
 264 100
 260 24.9 16.7 25.1
 265 22.1 17.2 25.8

