

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102416\
 Data File : BF090797.D
 Acq On : 24 Oct 2016 19:41
 Operator : UM/SJ
 Sample : H5393-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-WEST-UL

Quant Time: Oct 25 01:07:31 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

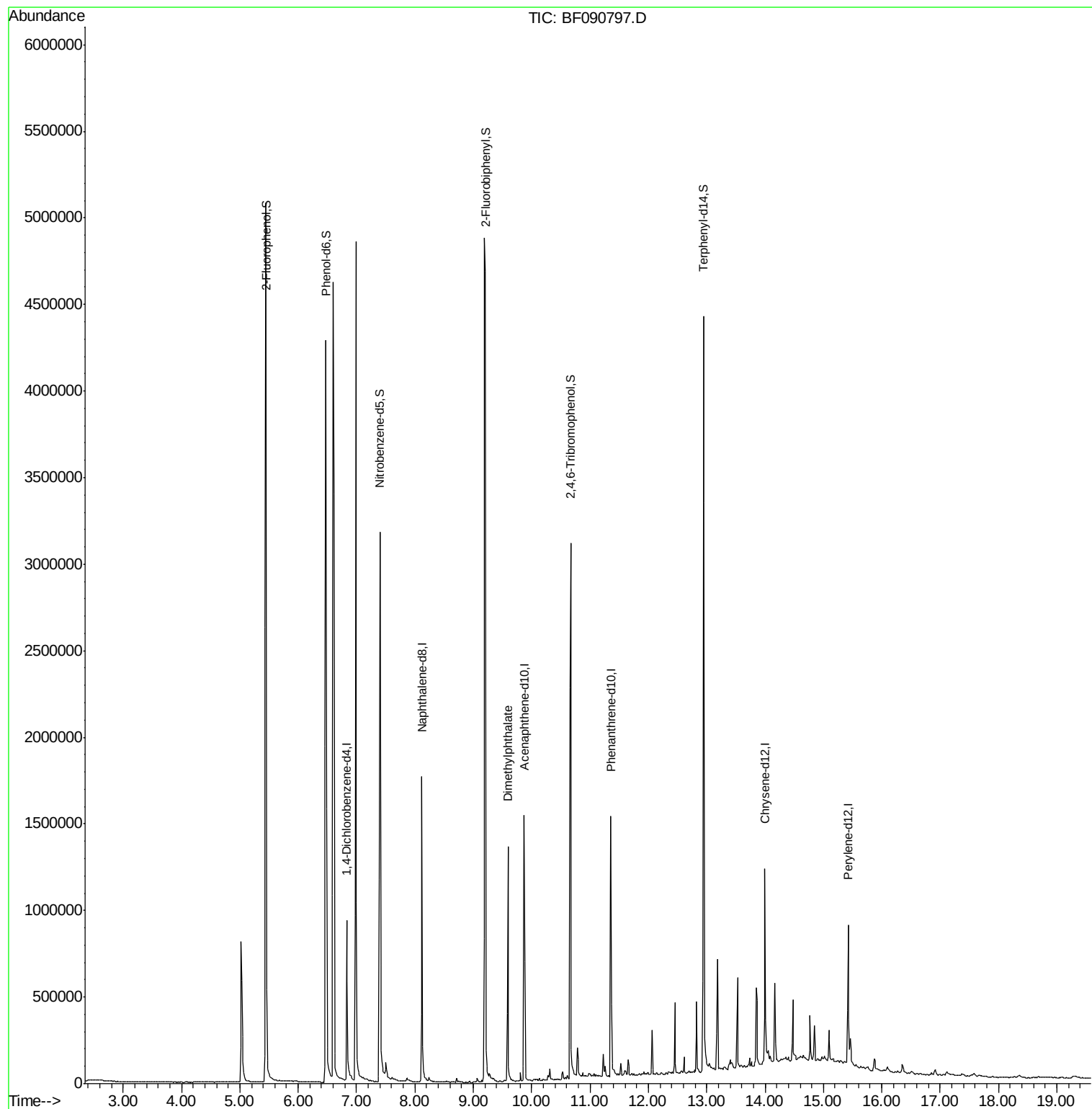
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	207127	20.00	ng	-0.03
21) Naphthalene-d8	8.12	136	884506	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	391905	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	636678	20.00	ng	-0.03
75) Chrysene-d12	14.00	240	443610	20.00	ng	-0.02
86) Perylene-d12	15.42	264	370284	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1791893	139.52	ng	-0.01
7) Phenol-d6	6.47	99	2288902	131.58	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1459150	90.48	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	639327	206.11	ng	-0.02
44) 2-Fluorobiphenyl	9.21	172	2630799	104.21	ng	-0.02
78) Terphenyl-d14	12.94	244	2158375	111.51	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.59	163	628824	25.53	ng	Qvalue # 98

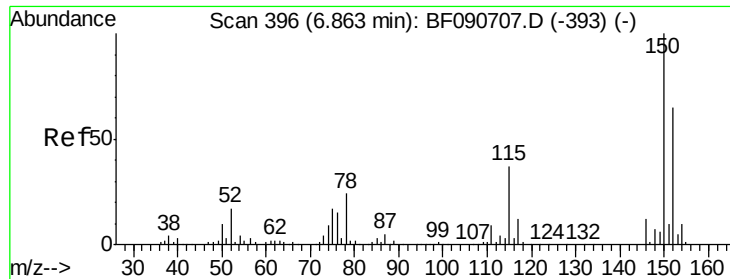
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 21 17:36:31 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 393

Delta R.T. -0.03 min

Lab File: BF090797.D

Acq: 24 Oct 2016 19:41

Instrument :

BNA_F

ClientSampleId :

BOTTOM-WEST-UL

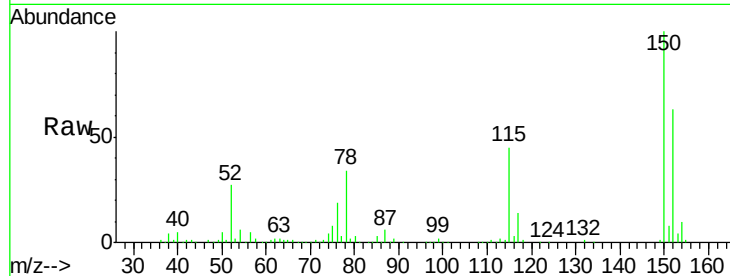
Tot Ion:152 Resp: 207127

Ion Ratio Lower Upper

152 100

150 157.6 124.7 187.1

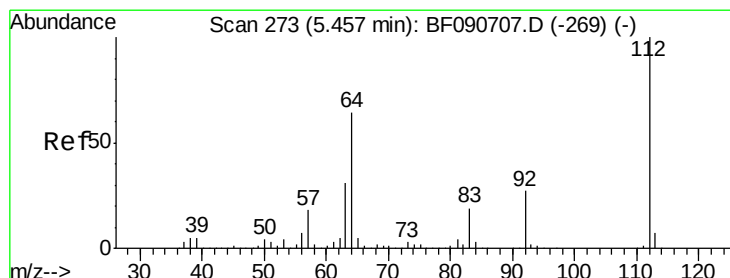
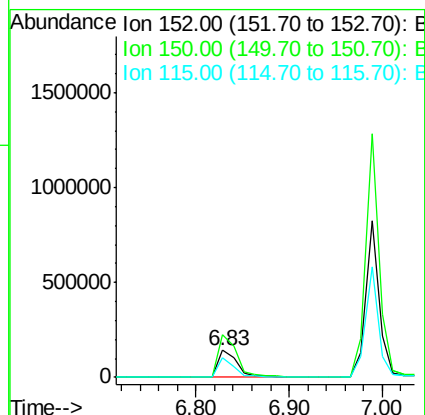
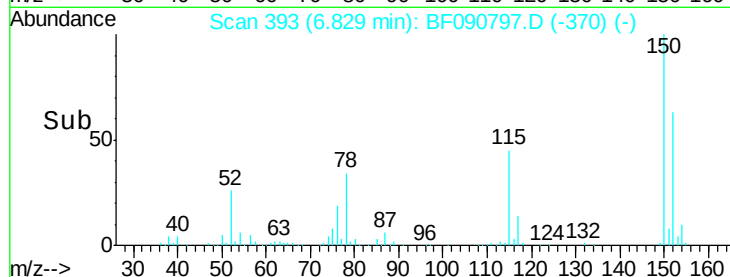
115 70.9 39.0 58.4#



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: 139.52 ng

RT: 5.45 min Scan# 272

Delta R.T. -0.01 min

Lab File: BF090797.D

Acq: 24 Oct 2016 19:41

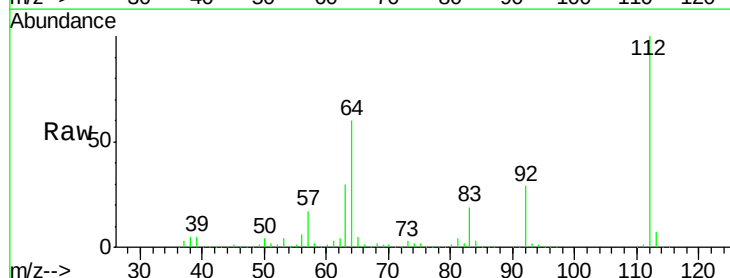
Tgt Ion:112 Resp: 1791893

Ion Ratio Lower Upper

112 100

64 59.6 39.7 59.5#

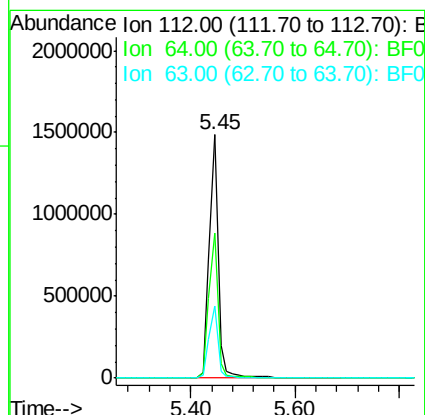
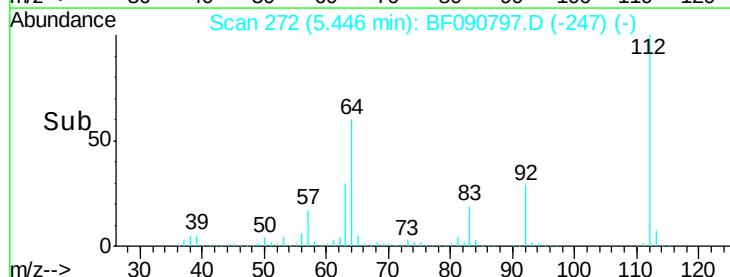
63 29.7 17.4 26.0#

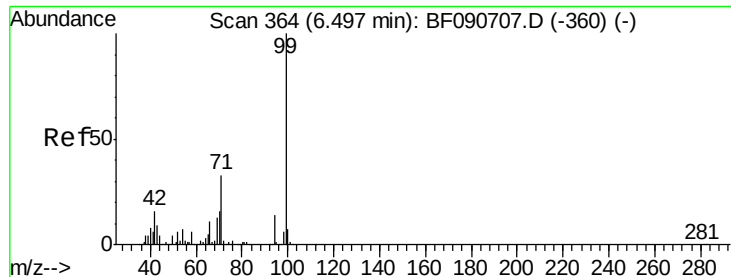


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 131.58 ng

RT: 6.47 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF090797.D

Acq: 24 Oct 2016 19:41

Instrument :

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ClientSampleId :

BOTTOM-WEST-UL

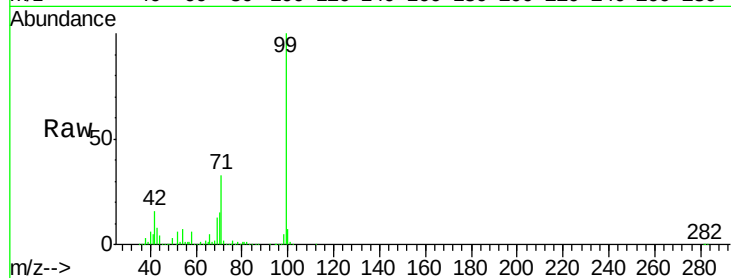
Tot Ion: 99 Resp: 2288902

Ion Ratio Lower Upper

99 100

42 15.8 13.7 20.5

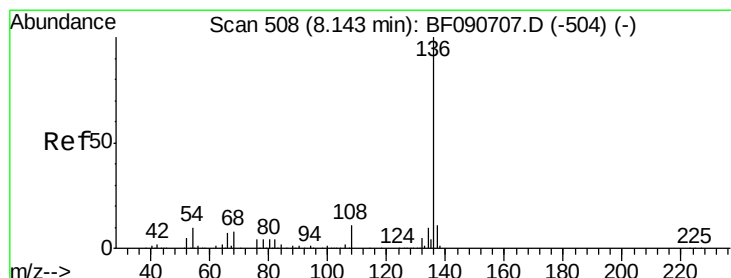
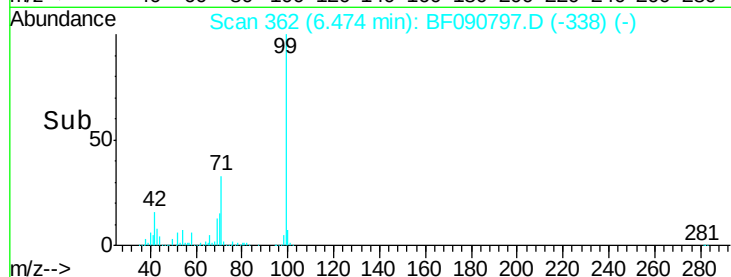
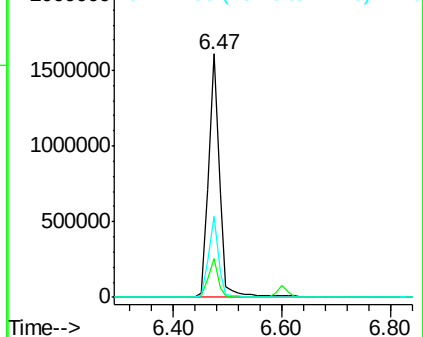
71 33.4 14.2 21.2#



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: 8.12 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF090797.D

Acq: 24 Oct 2016 19:41

Tgt Ion: 136 Resp: 884506

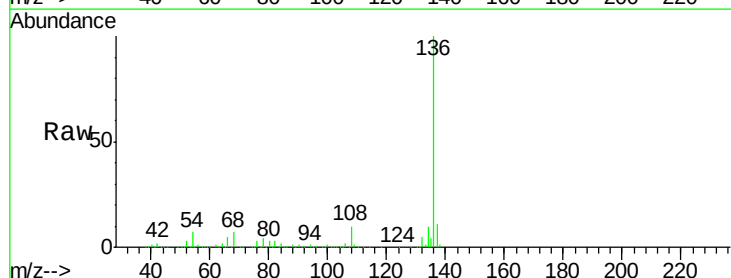
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 7.2 8.2 12.2#

68 6.7 5.8 8.6

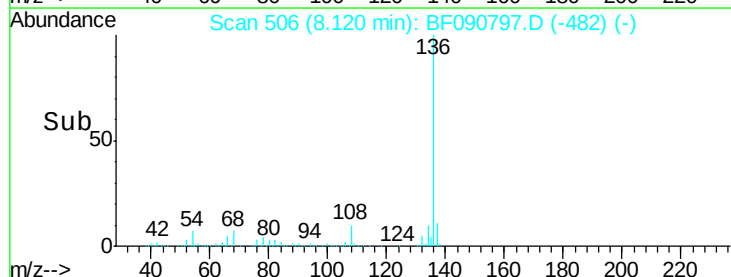
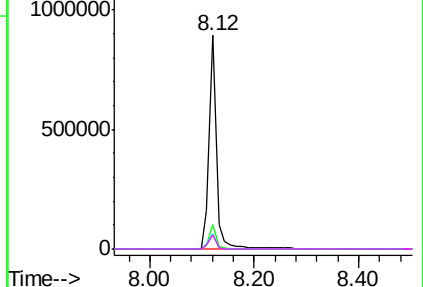


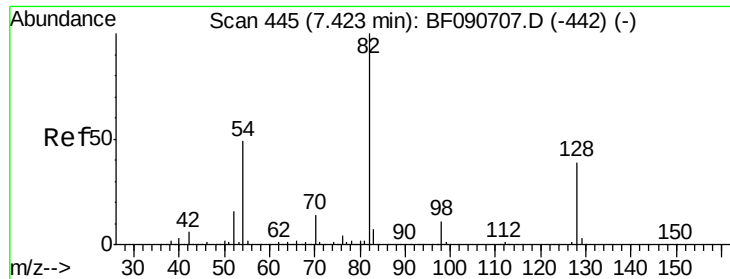
Abundance Ion 136.00 (135.70 to 136.70): E

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

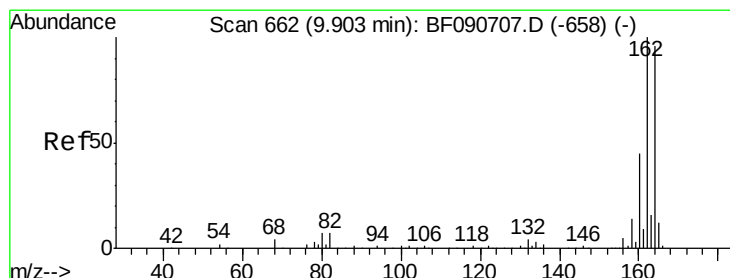
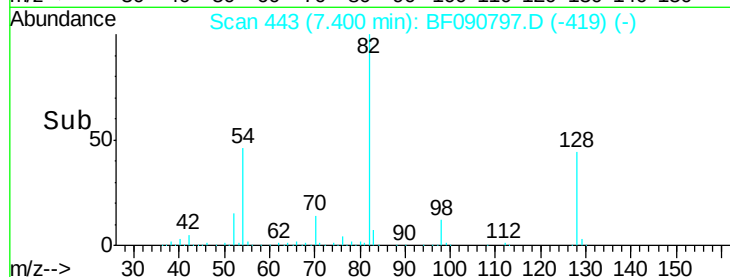
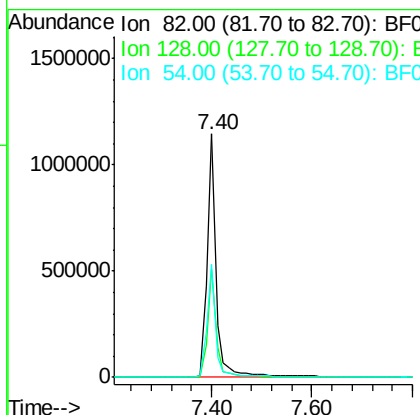
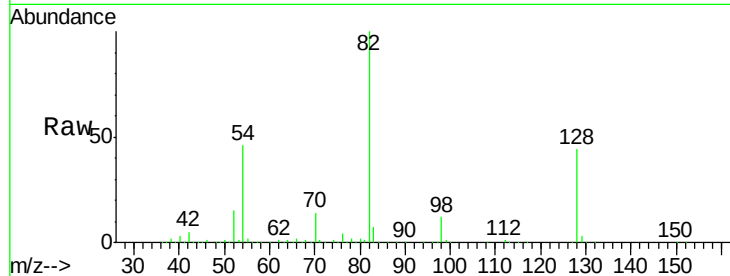




#23
 Nitrobenzene-d5
 Concen: 90.48 ng
 RT: 7.40 min Scan# 443
 Delta R.T. -0.02 min
 Lab File: BF090797.D
 Acq: 24 Oct 2016 19:41

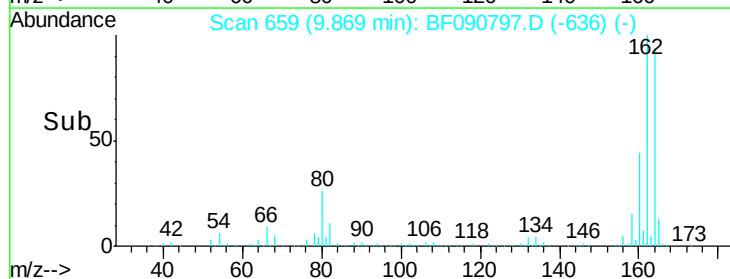
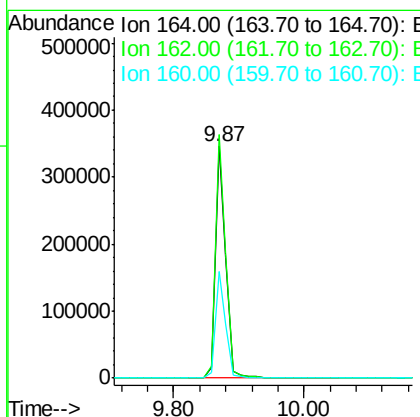
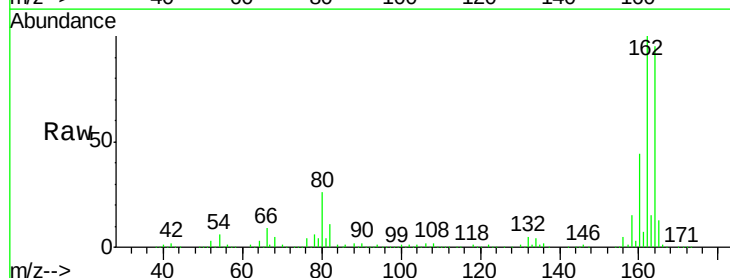
Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-WEST-UL

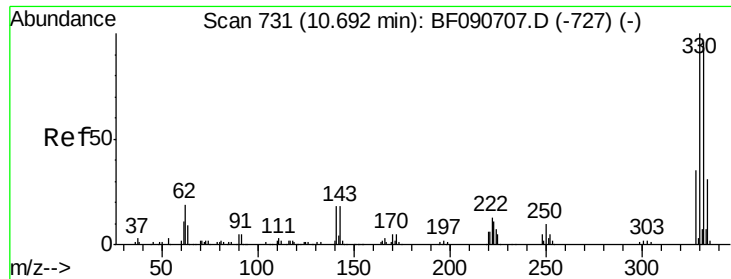
Tot Ion: 82 Resp: 1459150
 Ion Ratio Lower Upper
 82 100
 128 44.1 51.0 76.6#
 54 46.3 47.5 71.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 659
 Delta R.T. -0.03 min
 Lab File: BF090797.D
 Acq: 24 Oct 2016 19:41

Tgt Ion:164 Resp: 391905
 Ion Ratio Lower Upper
 164 100
 162 105.0 75.2 112.8
 160 46.0 31.5 47.3

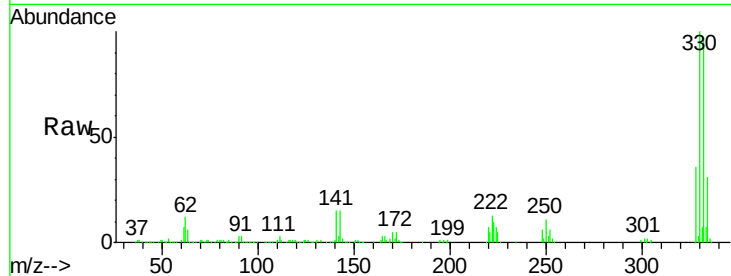




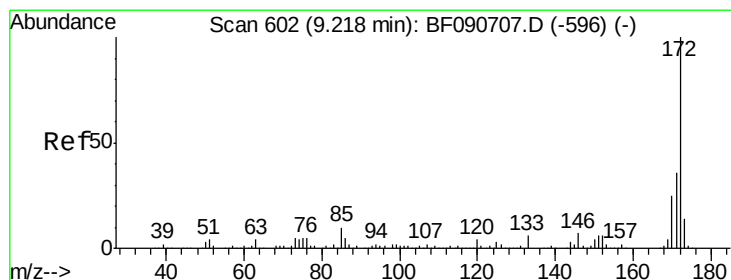
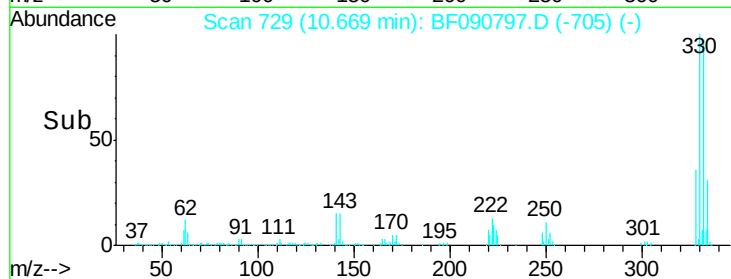
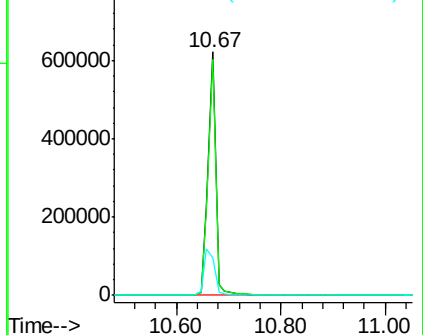
#41
 2,4,6-Tribromophenol
 Concen: 206.11 ng
 RT: 10.67 min Scan# 729
 Delta R.T. -0.02 min
 Lab File: BF090797.D
 Acq: 24 Oct 2016 19:41

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-WEST-UL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	26.2	29.7	44.5

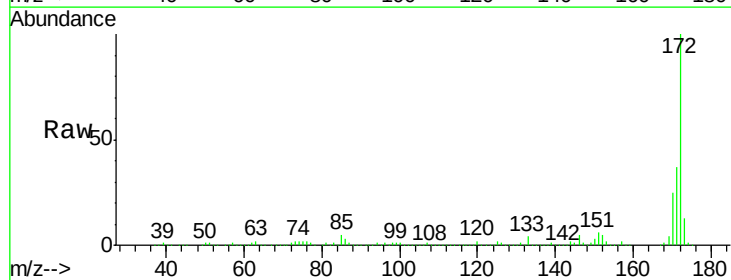


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

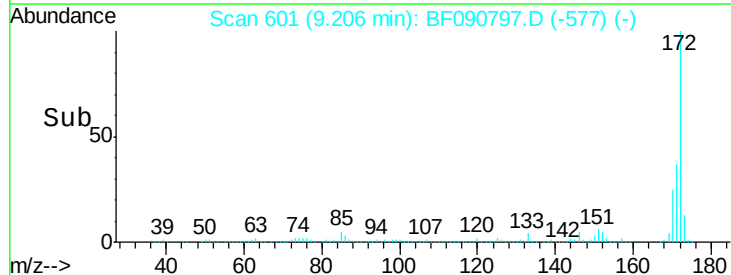
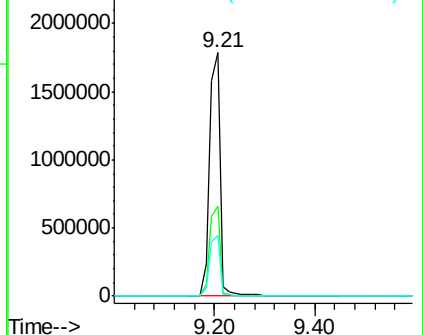


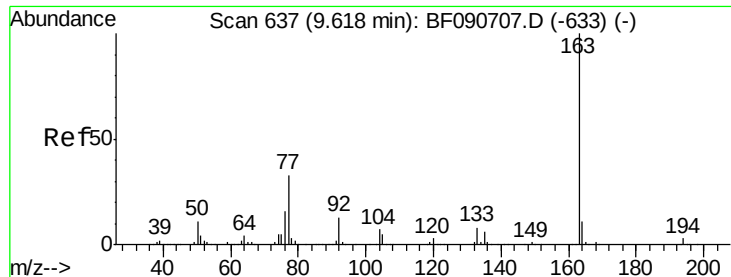
#44
 2-Fluorobiphenyl
 Concen: 104.21 ng
 RT: 9.21 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: BF090797.D
 Acq: 24 Oct 2016 19:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	26.1	39.1
170	25.1	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





#49

Dimethylphthalate

Concen: 25.53 ng

RT: 9.59 min Scan# 635

Delta R.T. -0.03 min

Lab File: BF090797.D

Acq: 24 Oct 2016 19:41

Instrument :

BNA_F

ClientSampleId :

BOTTOM-WEST-UL

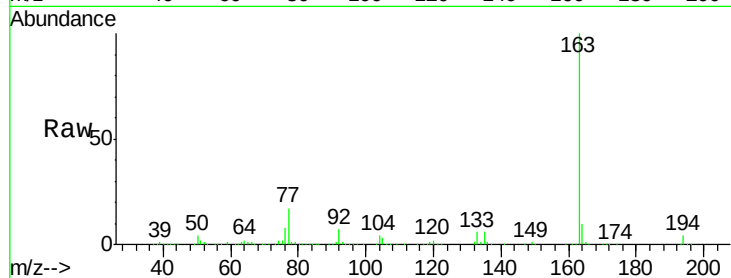
Tot Ion:163 Resp: 628824

Ion Ratio Lower Upper

163 100

194 3.5 4.4 6.6#

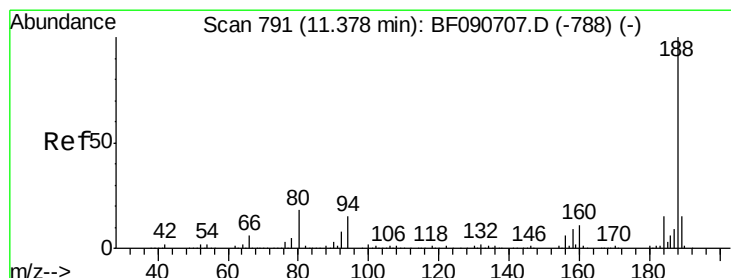
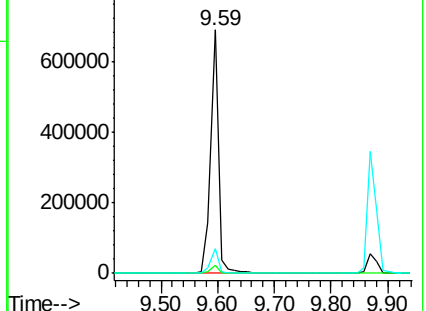
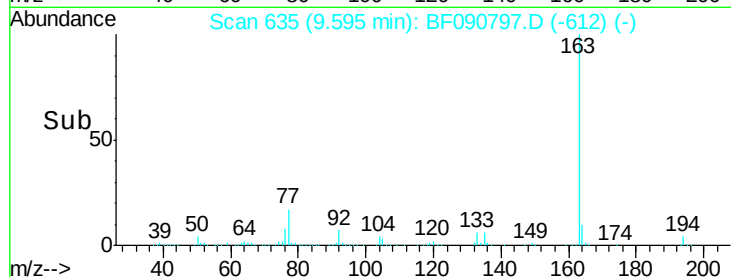
164 10.3 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.35 min Scan# 789

Delta R.T. -0.03 min

Lab File: BF090797.D

Acq: 24 Oct 2016 19:41

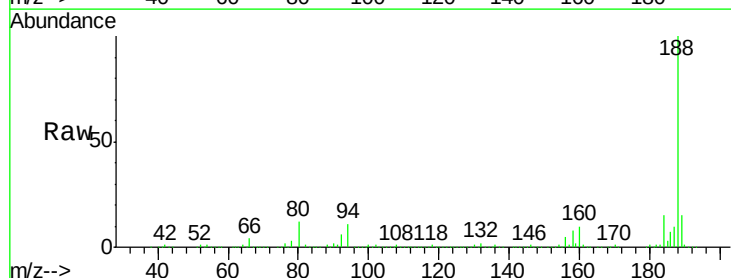
Tgt Ion:188 Resp: 636678

Ion Ratio Lower Upper

188 100

94 11.4 11.1 16.7

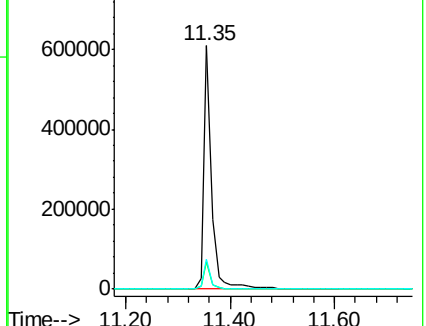
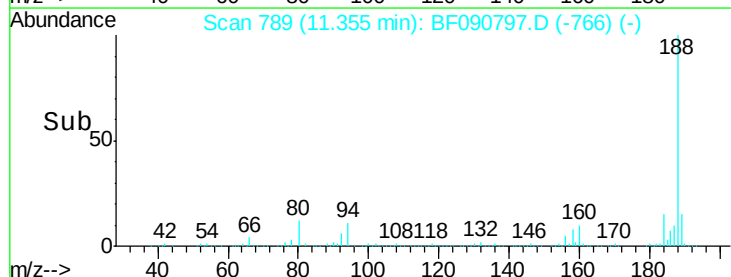
80 12.3 11.0 16.4

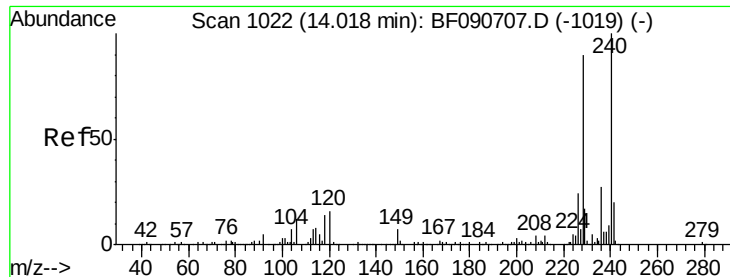


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.00 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF090797.D

Acq: 24 Oct 2016 19:41

Instrument :

BNA_F

ClientSampleId :

BOTTOM-WEST-UL

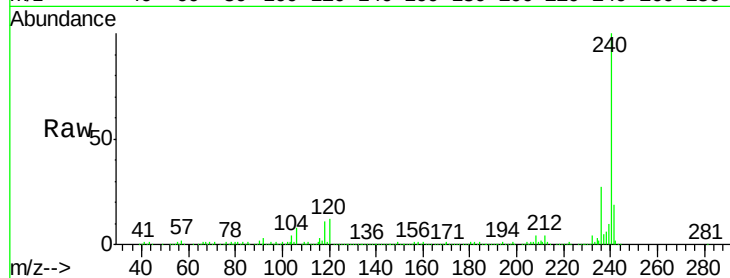
Tot Ion:240 Resp: 443610

Ion Ratio Lower Upper

240 100

120 11.8 16.2 24.2#

236 26.7 18.4 27.6



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

14.00

400000

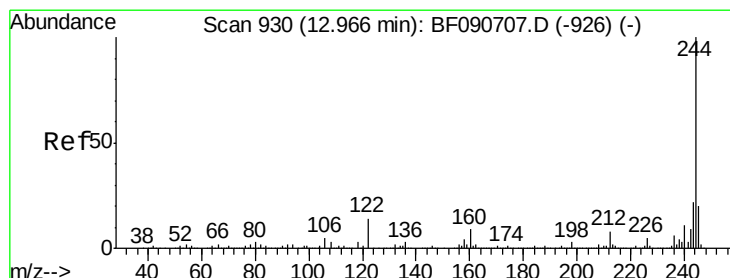
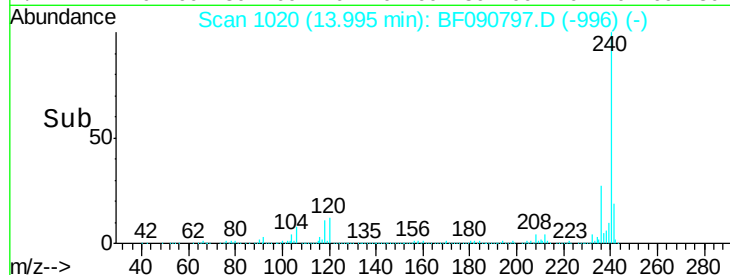
300000

200000

100000

0

Time-->



#78

Terphenyl-d14

Concen: 111.51 ng

RT: 12.94 min Scan# 928

Delta R.T. -0.02 min

Lab File: BF090797.D

Acq: 24 Oct 2016 19:41

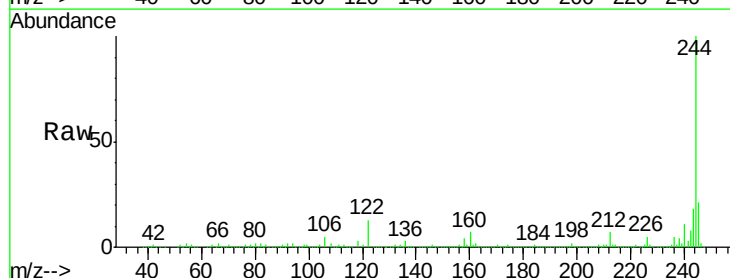
Tgt Ion:244 Resp: 2158375

Ion Ratio Lower Upper

244 100

212 7.2 4.3 6.5#

122 13.3 17.4 26.2#



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

12.94

2000000

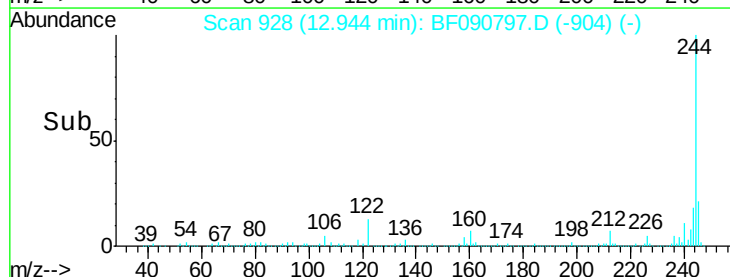
1500000

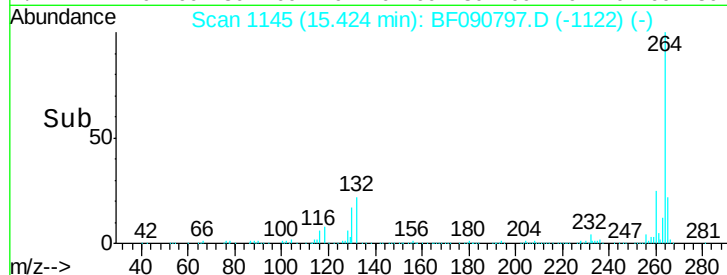
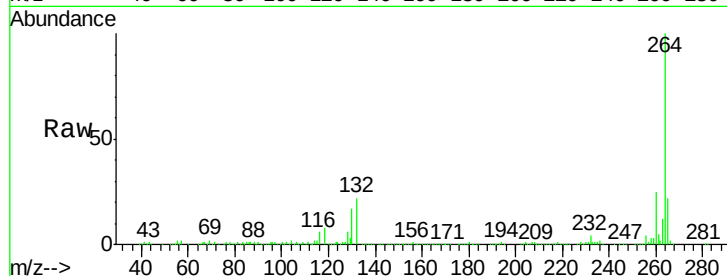
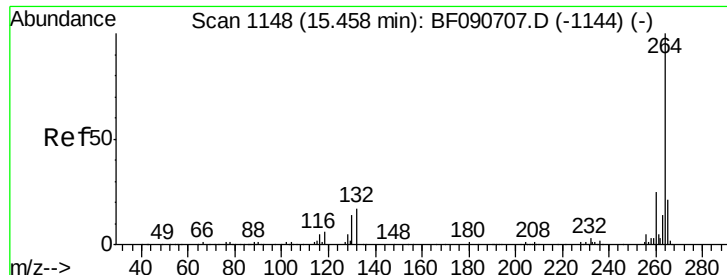
1000000

500000

0

Time-->





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1145
 Delta R.T. -0.03 min
 Lab File: BF090797.D
 Acq: 24 Oct 2016 19:41

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-WEST-UL

Tot Ion:264	Resp:	370284
Ion	Ratio	Lower Upper
264	100	
260	25.0	16.7 25.1
265	21.8	17.2 25.8

