

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
 Data File : BF088369.D
 Acq On : 25 Jun 2016 11:27
 Operator : UM/SJ
 Sample : H3629-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-5B(7-9)

Quant Time: Jun 26 02:25:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

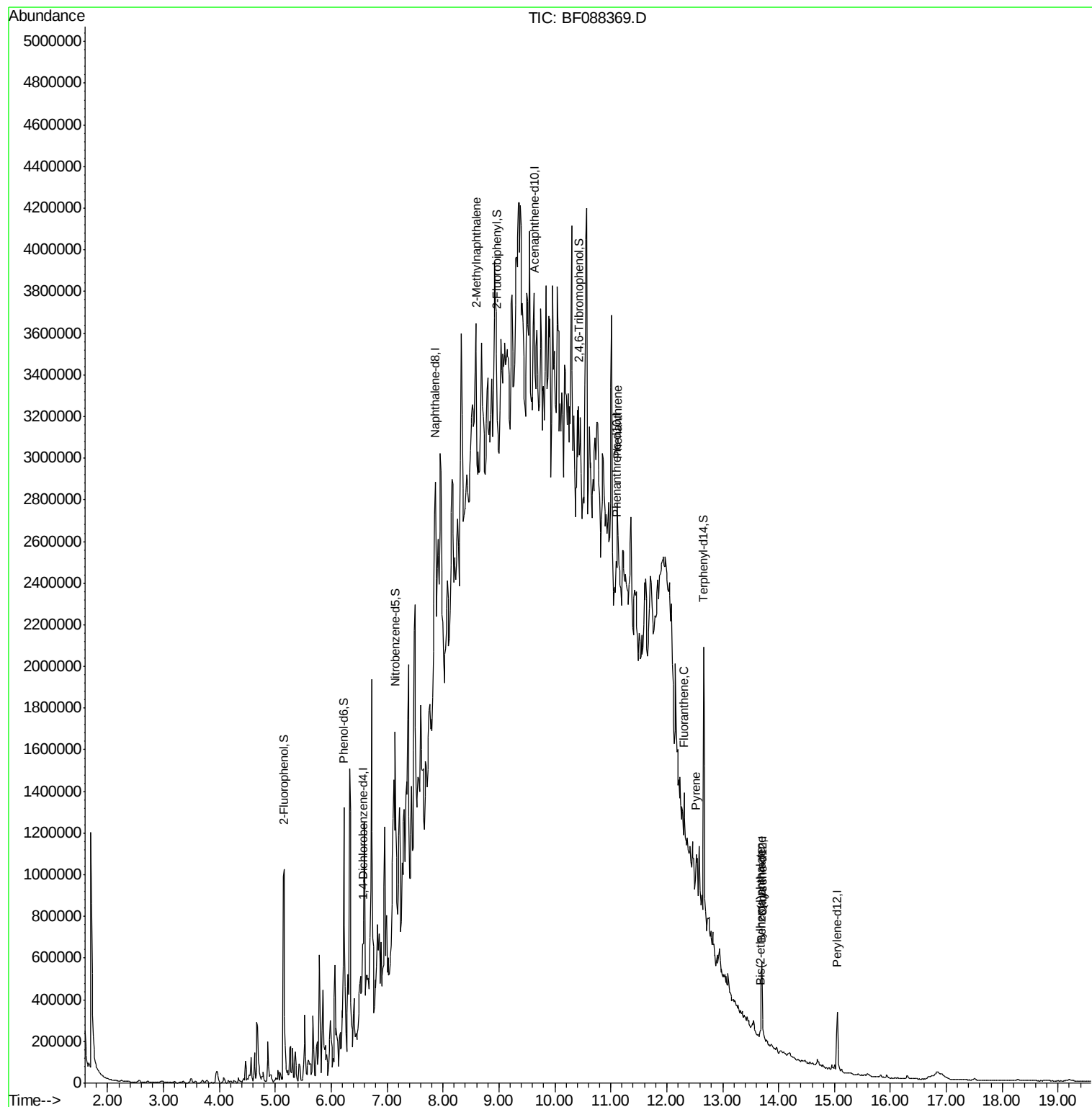
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	63449	20.00	ng	-0.03
21) Naphthalene-d8	7.86	136	182931	20.00	ng	-0.03
38) Acenaphthene-d10	9.63	164	61986	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	169349	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	172019	20.00	ng	-0.05
86) Perylene-d12	15.05	264	148081	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	578668	155.91	ng	-0.02
7) Phenol-d6	6.23	99	656765	146.01	ng	-0.03
23) Nitrobenzene-d5	7.14	82	408923	130.53	ng	-0.03
41) 2,4,6-Tribromophenol	10.42	330	121842	186.16	ng	-0.01
44) 2-Fluorobiphenyl	8.96	172	445940	114.97	ng	-0.01
78) Terphenyl-d14	12.66	244	592277	78.35	ng	-0.03
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.59	142	485293	81.33	ng	# 92
70) Phenanthrene	11.12	178	264620	29.78	ng	# 88
74) Fluoranthene	12.31	202	69784	7.44	ng	# 87
77) Pyrene	12.52	202	122118	9.57	ng	# 95
80) Benzo(a)anthracene	13.69	228	24461	2.50	ng	# 86
83) Bis(2-ethylhexyl)phthalate	13.68	149	22830	3.32	ng	# 91

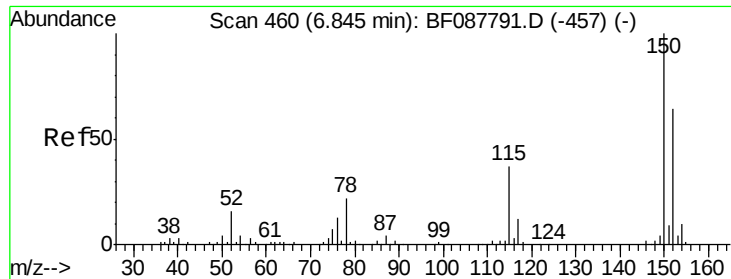
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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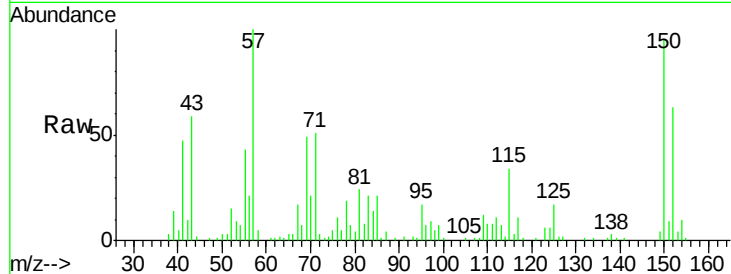


#1

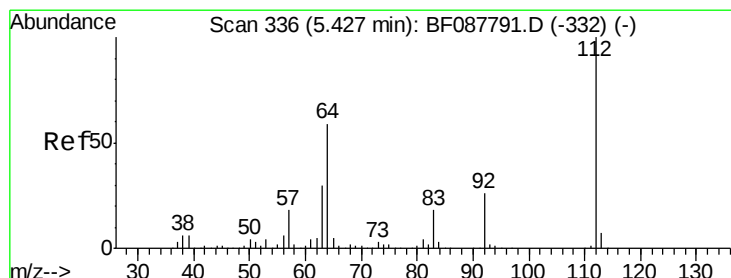
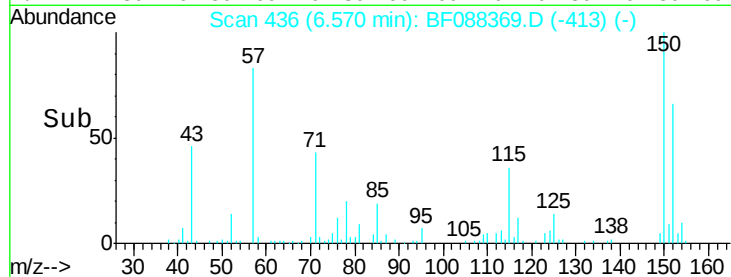
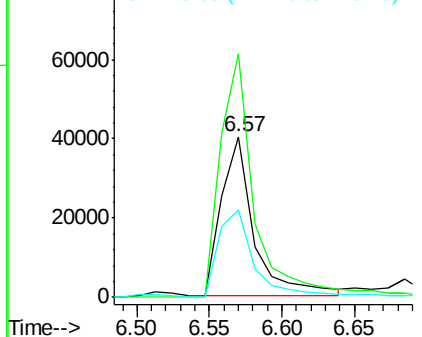
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.57 min Scan# 436
Delta R.T. -0.03 min
Lab File: BF088369.D
Acq: 25 Jun 2016 11:27

Instrument :
BNA_F
ClientSampleId :
LOCATION-5B(7-9)

Tot Ion:152 Resp: 63449
Ion Ratio Lower Upper
152 100
150 151.4 123.8 185.6
115 54.3 39.6 59.4



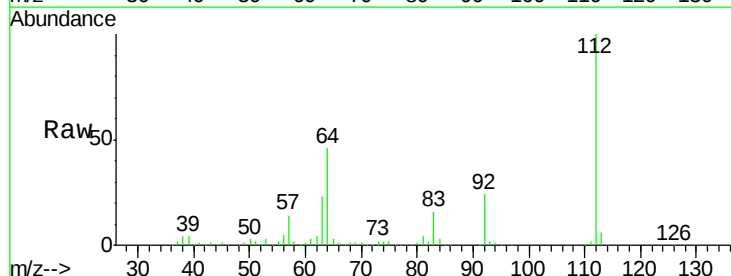
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



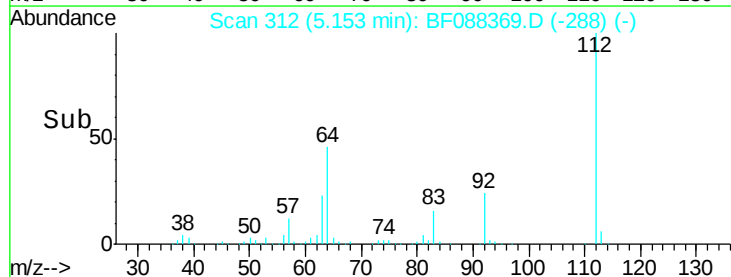
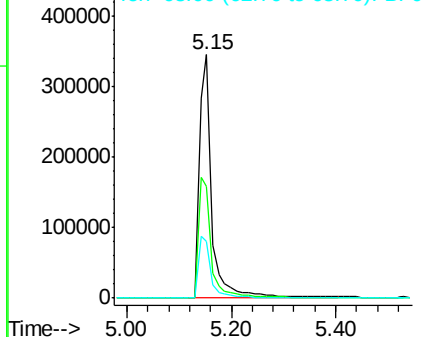
#5

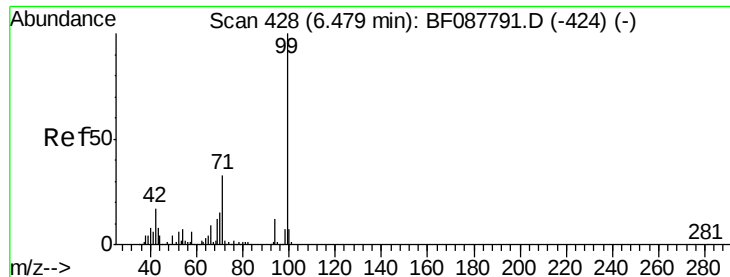
2-Fluorophenol
Concen: 155.91 ng
RT: 5.15 min Scan# 312
Delta R.T. -0.02 min
Lab File: BF088369.D
Acq: 25 Jun 2016 11:27

Tgt Ion:112 Resp: 578668
Ion Ratio Lower Upper
112 100
64 45.9 42.2 63.2
63 23.3 21.8 32.8



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: 146.01 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.03 min

Lab File: BF088369.D

Acq: 25 Jun 2016 11:27

Instrument :

BNA_F

ClientSampleId :

LOCATION-5B(7-9)

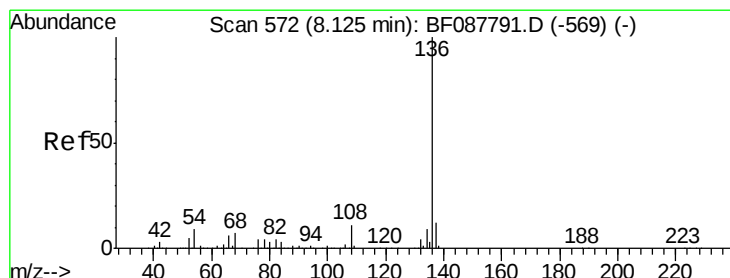
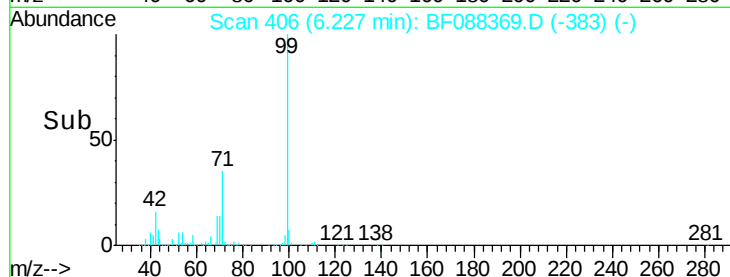
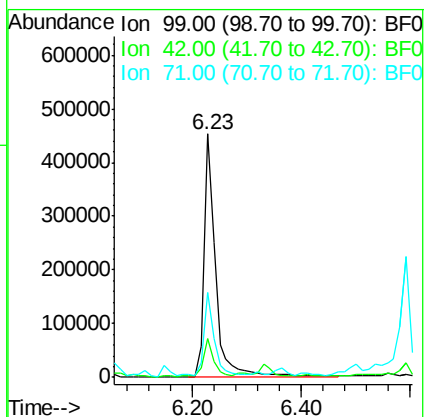
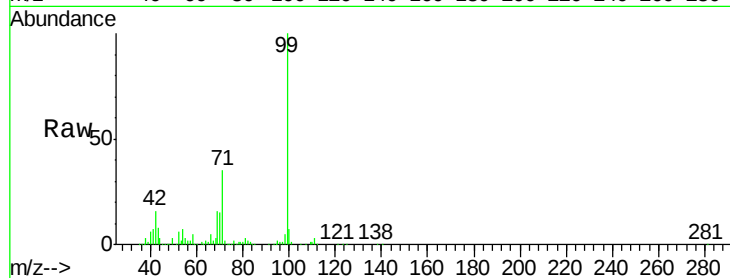
Tot Ion: 99 Resp: 656765

Ion Ratio Lower Upper

99 100

42 15.9 12.2 18.2

71 34.8 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF088369.D

Acq: 25 Jun 2016 11:27

Tgt Ion: 136 Resp: 182931

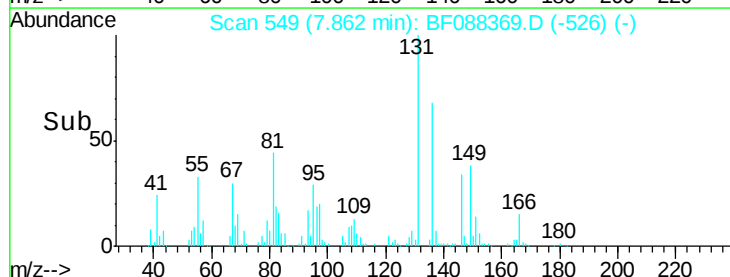
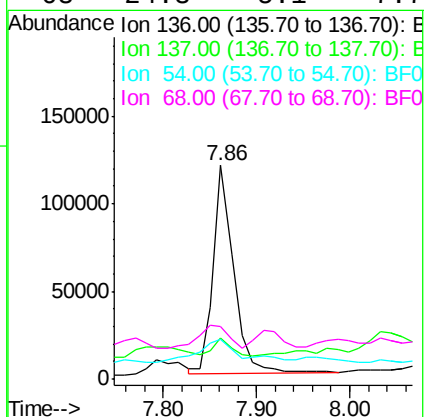
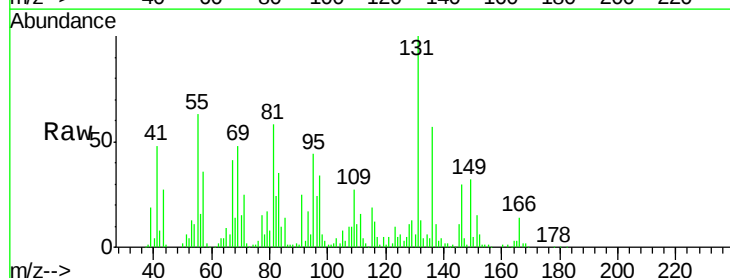
Ion Ratio Lower Upper

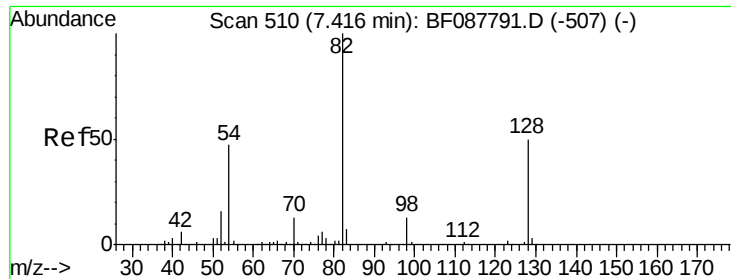
136 100

137 19.4 9.1 13.7#

54 18.8 6.6 10.0#

68 24.3 5.1 7.7#

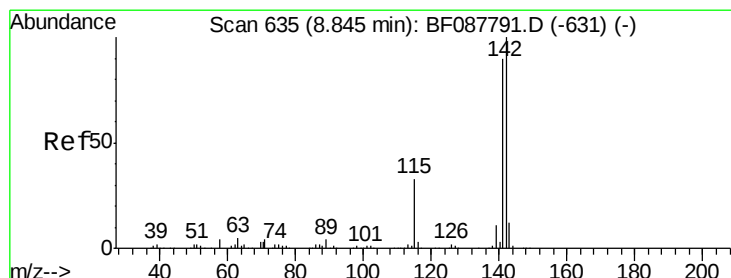
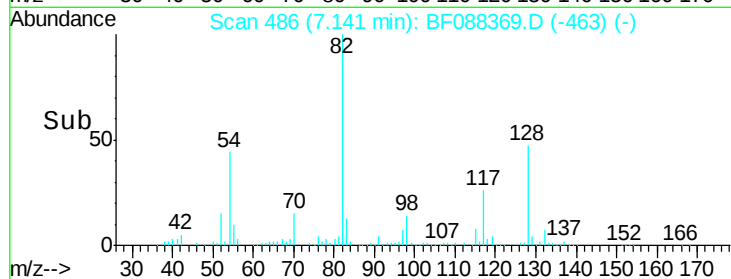
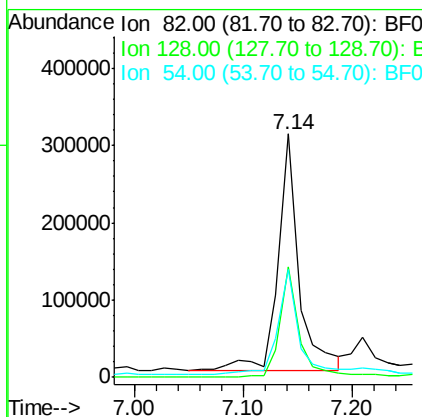
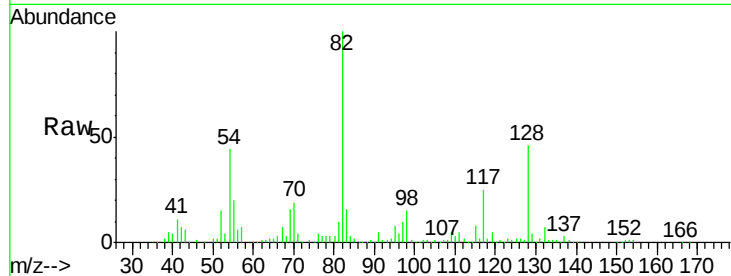




#23
 Nitrobenzene-d5
 Concen: 130.53 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.03 min
 Lab File: BF088369.D
 Acq: 25 Jun 2016 11:27

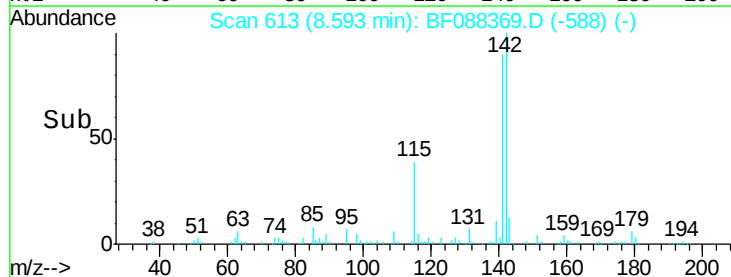
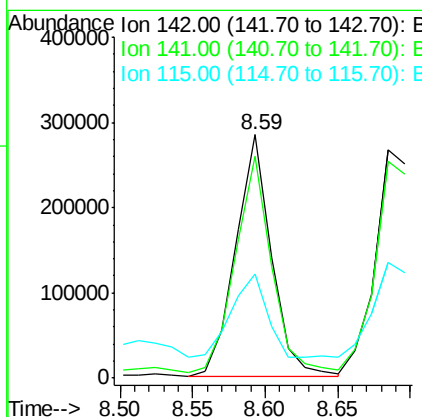
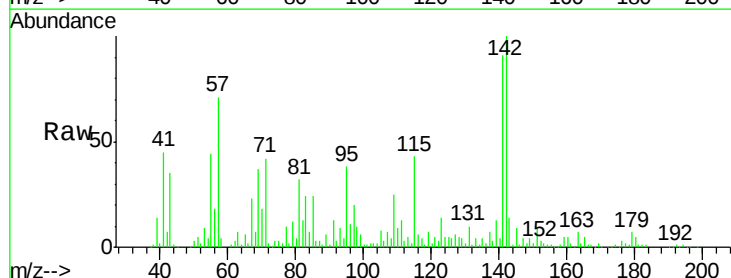
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-5B(7-9)

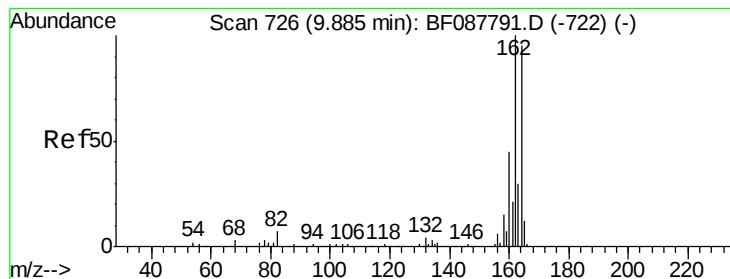
Tot Ion: 82 Resp: 408923
 Ion Ratio Lower Upper
 82 100
 128 45.6 35.9 53.9
 54 44.2 40.9 61.3



#37
 2-Methylnaphthalene
 Concen: 81.33 ng
 RT: 8.59 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF088369.D
 Acq: 25 Jun 2016 11:27

Tgt Ion:142 Resp: 485293
 Ion Ratio Lower Upper
 142 100
 141 90.9 71.0 106.6
 115 42.9 22.6 33.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF088369.D

Acq: 25 Jun 2016 11:27

Instrument :

BNA_F

ClientSampleId :

LOCATION-5B(7-9)

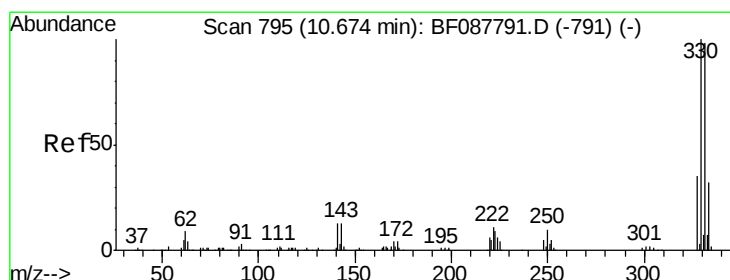
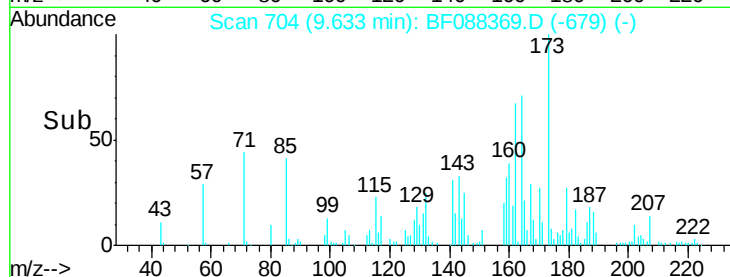
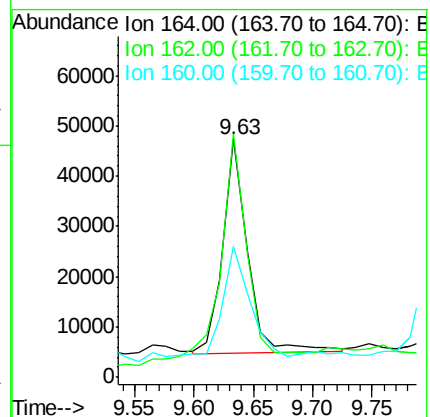
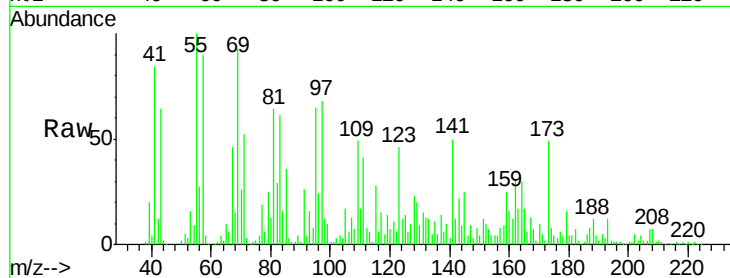
Tot Ion:164 Resp: 61986

Ion Ratio Lower Upper

164 100

162 102.3 85.4 128.2

160 54.9 39.5 59.3



#41

2,4,6-Tribromophenol

Concen: 186.16 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF088369.D

Acq: 25 Jun 2016 11:27

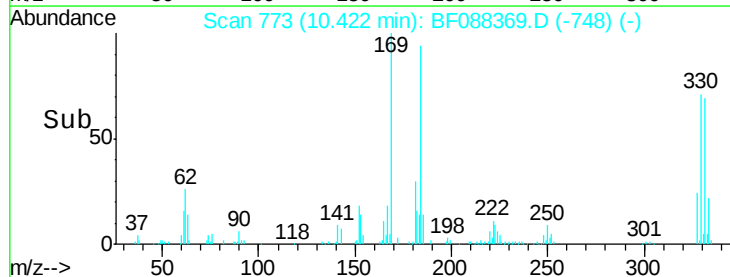
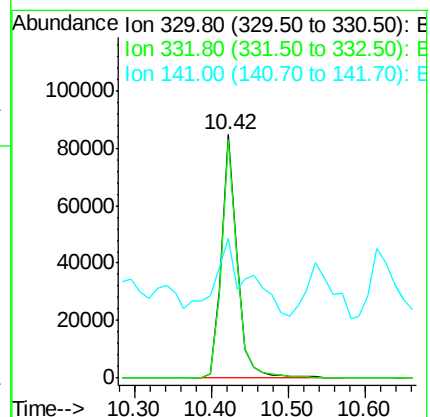
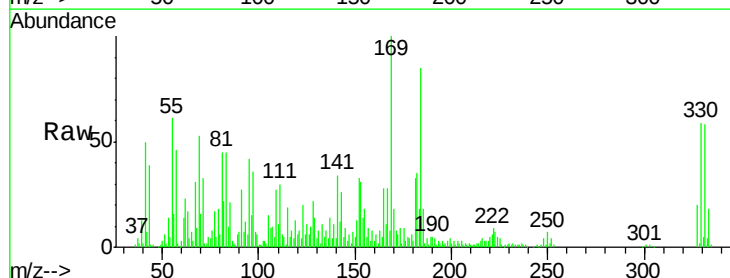
Tgt Ion:330 Resp: 121842

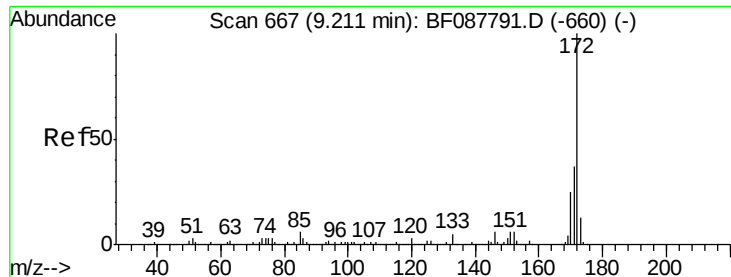
Ion Ratio Lower Upper

330 100

332 97.5 0.0 0.0#

141 59.3 0.0 0.0#





#44

2-Fluorobiphenyl

Concen: 114.97 ng

RT: 8.96 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF088369.D

Acq: 25 Jun 2016 11:27

Instrument :

BNA_F

ClientSampleId :

LOCATION-5B(7-9)

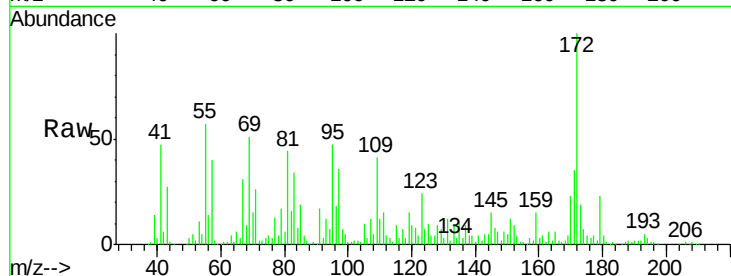
Tot Ion:172 Resp: 445940

Ion Ratio Lower Upper

172 100

171 35.1 28.6 43.0

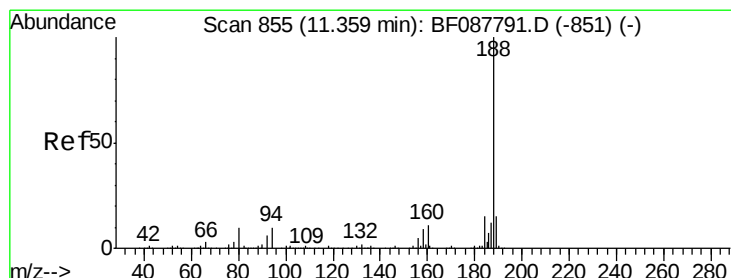
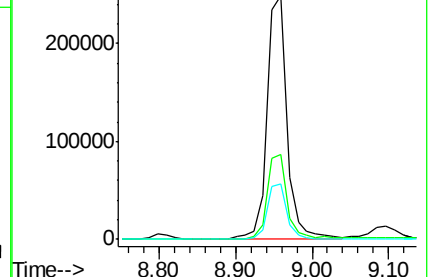
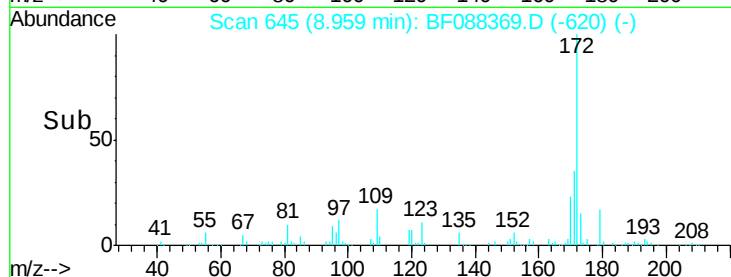
170 22.9 19.2 28.8



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: 11.10 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF088369.D

Acq: 25 Jun 2016 11:27

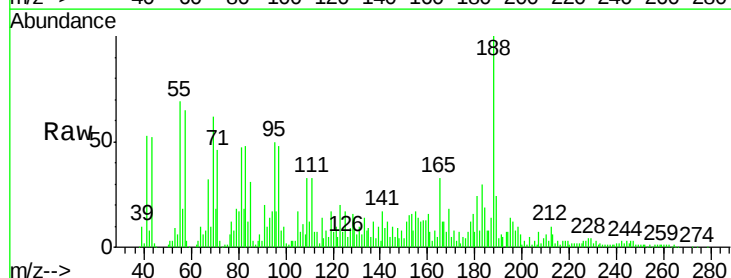
Tgt Ion:188 Resp: 169349

Ion Ratio Lower Upper

188 100

94 16.9 9.0 13.6#

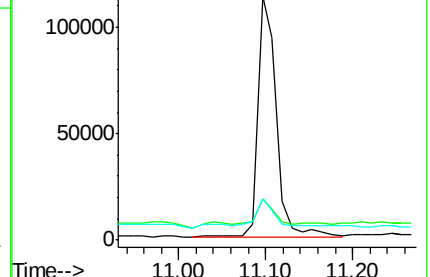
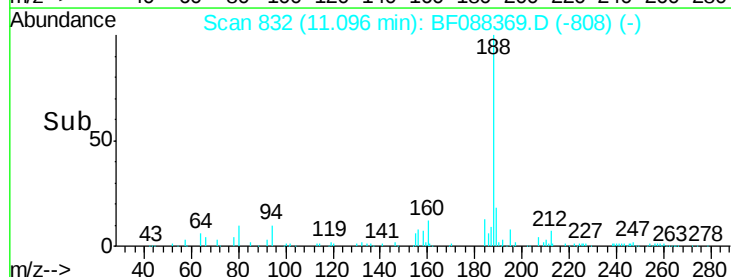
80 17.1 10.0 15.0#

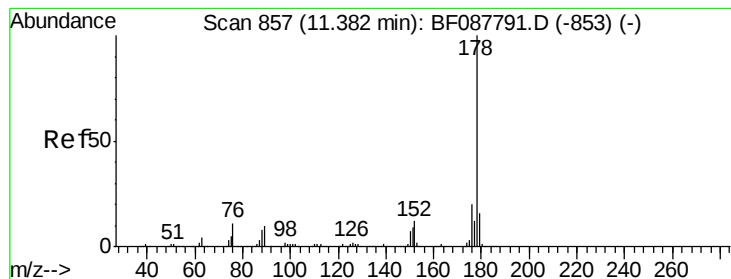


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 29.78 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.02 min

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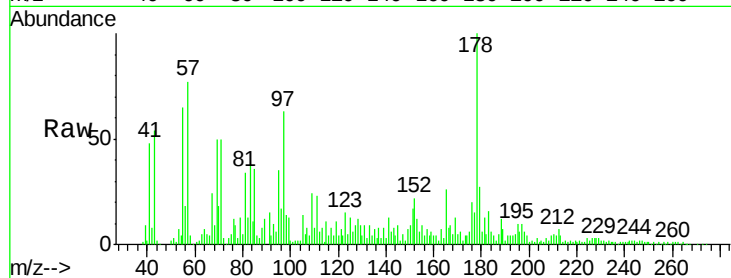
Tot Ion:178 Resp: 264620

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.6

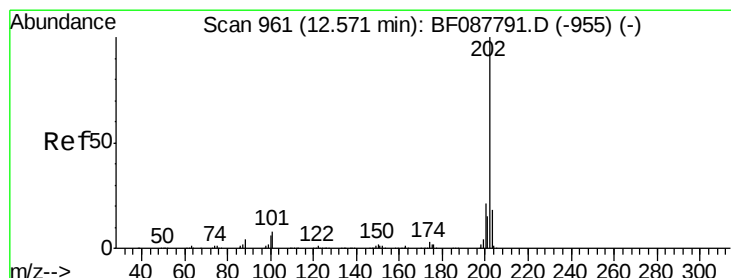
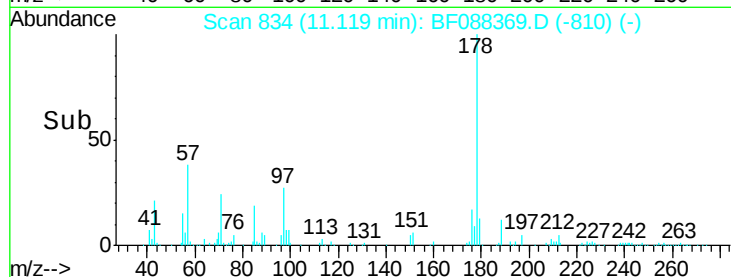
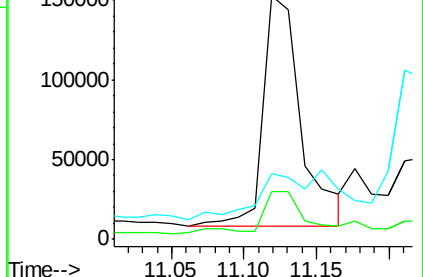
179 27.2 13.0 19.4#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 7.44 ng

RT: 12.31 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF088369.D

Acq: 25 Jun 2016 11:27

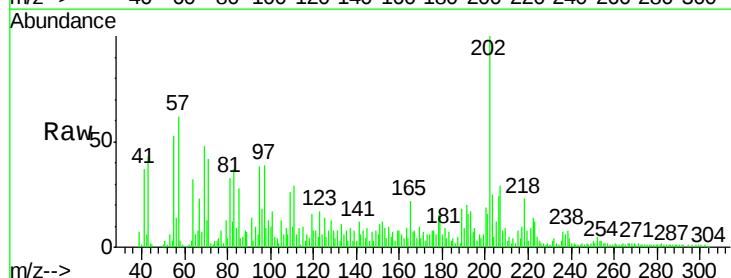
Tgt Ion:202 Resp: 69784

Ion Ratio Lower Upper

202 100

101 17.0 0.0 33.1

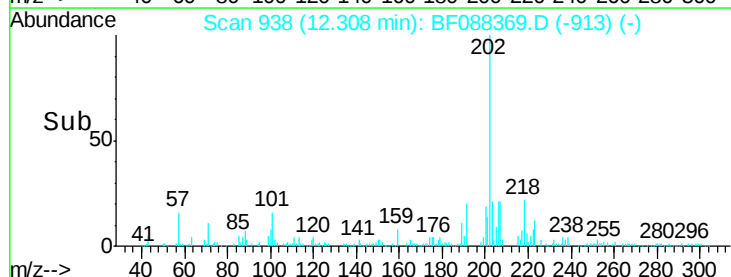
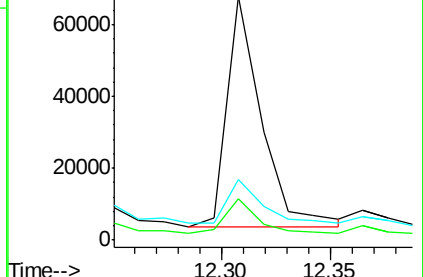
203 24.7 0.0 38.1

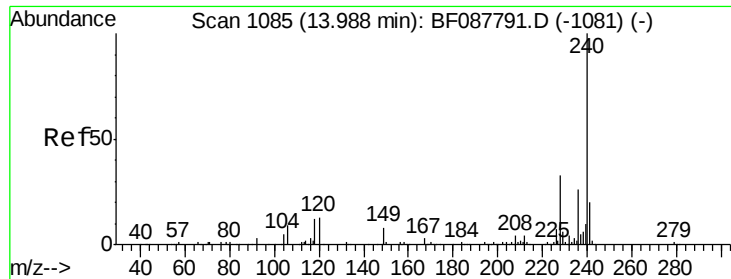


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.05 min

Lab File: BF088369.D

Acq: 25 Jun 2016 11:27

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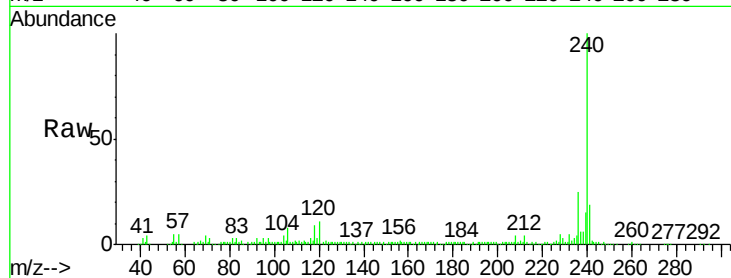
Tot Ion:240 Resp: 172019

Ion Ratio Lower Upper

240 100

120 10.8 6.8 10.2#

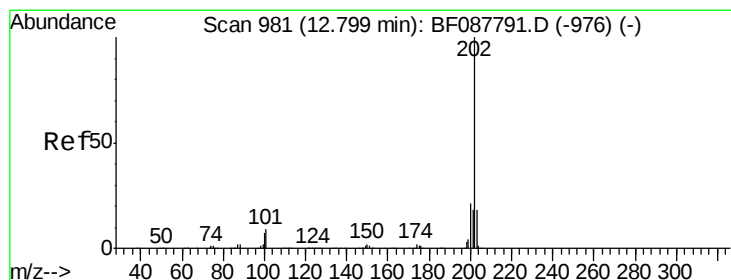
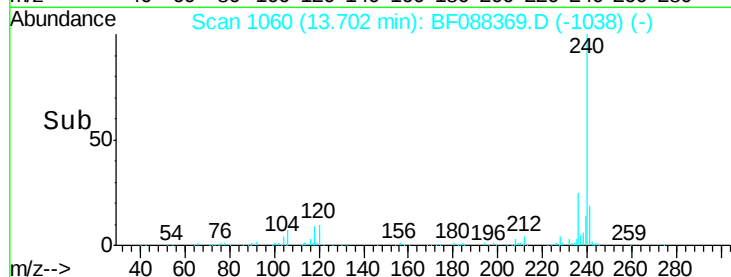
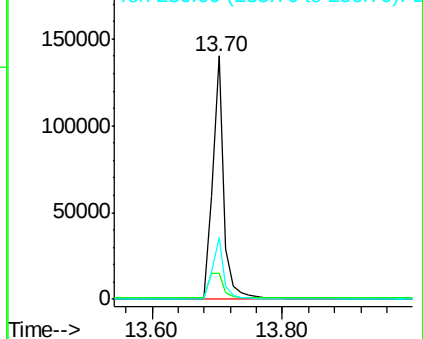
236 25.2 20.2 30.2



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



#77

Pyrene

Concen: 9.57 ng

RT: 12.52 min Scan# 957

Delta R.T. -0.02 min

Lab File: BF088369.D

Acq: 25 Jun 2016 11:27

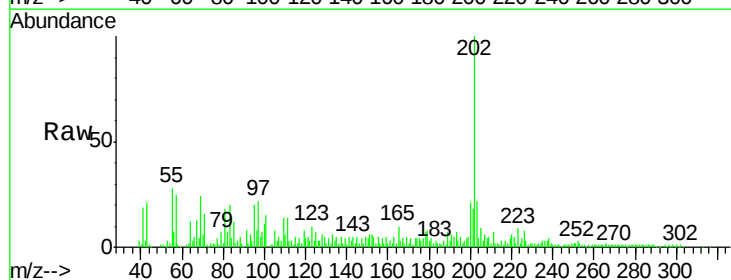
Tgt Ion:202 Resp: 122118

Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.2

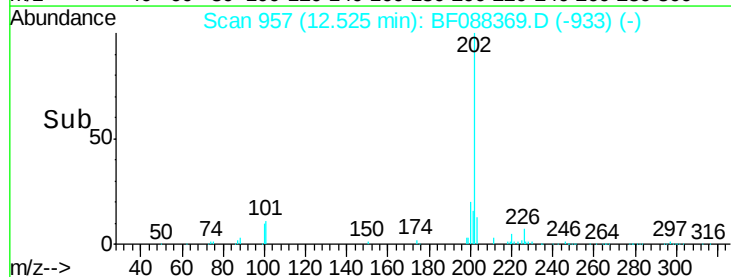
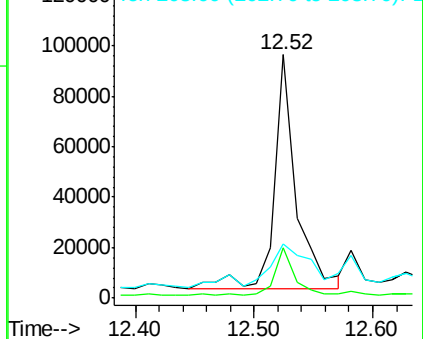
203 22.3 14.5 21.7#

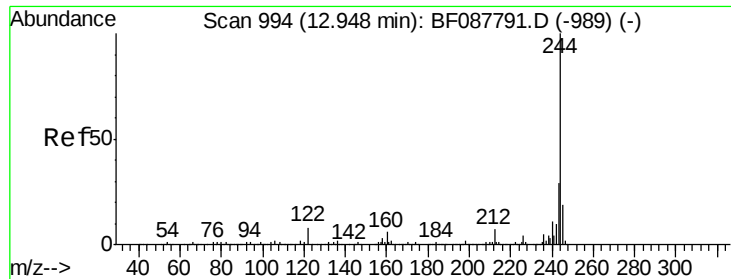


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 78.35 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.03 min

Lab File: BF088369.D

Acq: 25 Jun 2016 11:27

Instrument :

BNA_F

ClientSampleId :

LOCATION-5B(7-9)

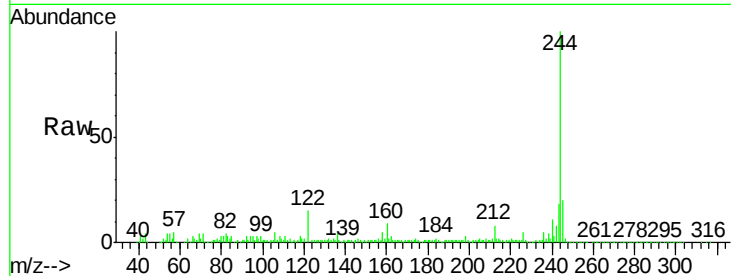
Tot Ion:244 Resp: 592277

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

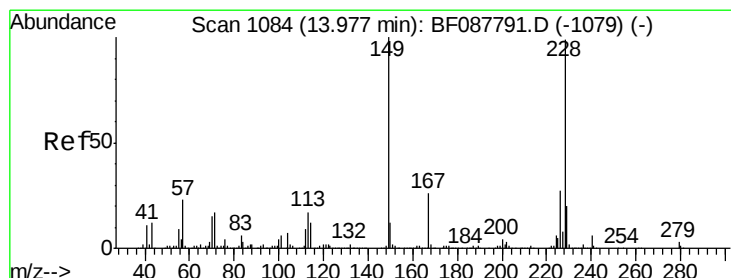
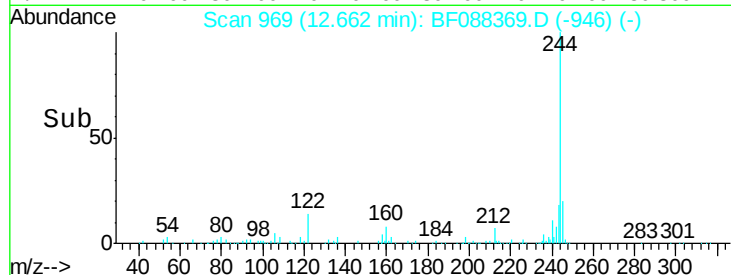
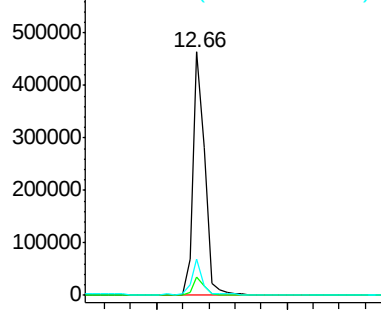
122 14.8 11.2 16.8



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



#80

Benzo(a)anthracene

Concen: 2.50 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.05 min

Lab File: BF088369.D

Acq: 25 Jun 2016 11:27

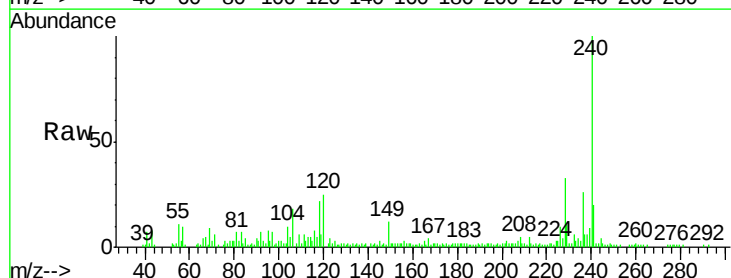
Tgt Ion:228 Resp: 24461

Ion Ratio Lower Upper

228 100

226 30.3 22.3 33.5

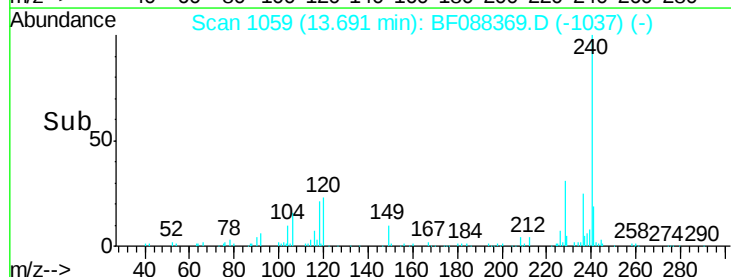
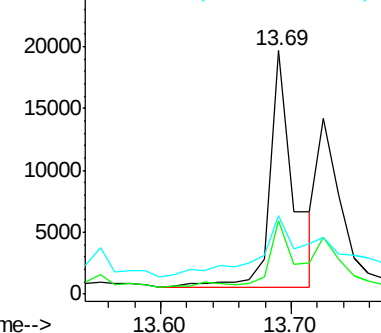
229 32.1 16.0 24.0#

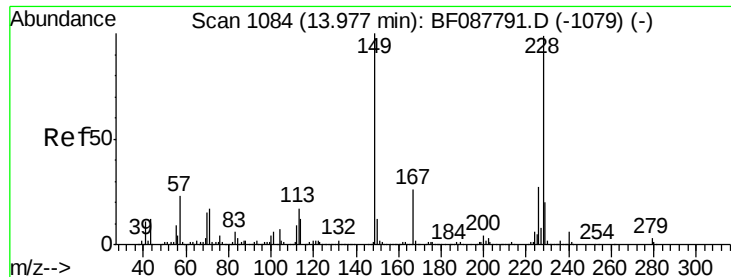


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.32 ng

RT: 13.68 min Scan# 1058

Delta R.T. -0.06 min

Lab File: BF088369.D

Acq: 25 Jun 2016 11:27

Instrument :

BNA_F

ClientSampleId :

LOCATION-5B(7-9)

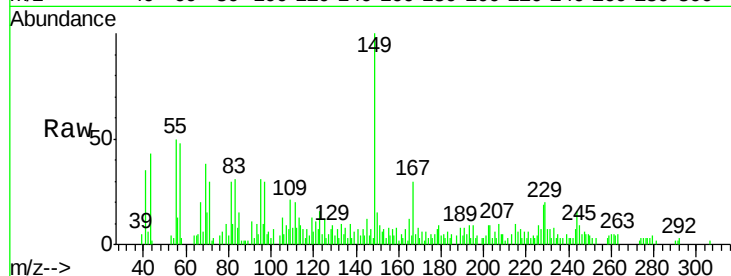
Tot Ion:149 Resp: 22830

Ion Ratio Lower Upper

149 100

167 30.2 20.5 30.7

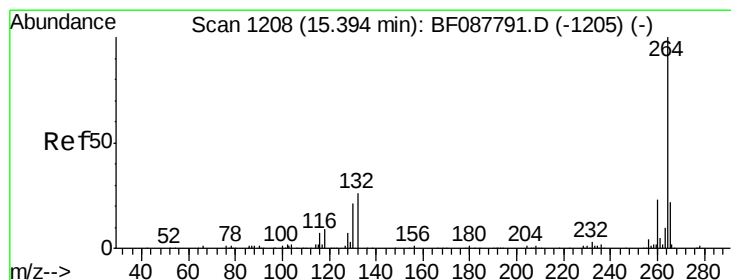
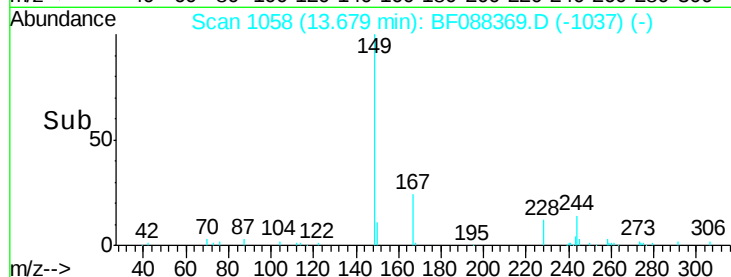
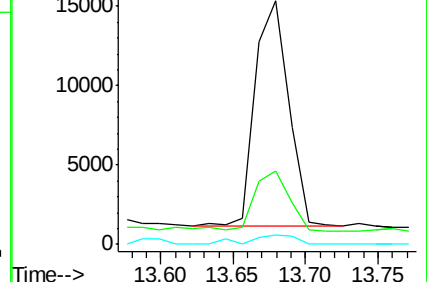
279 3.6 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.05 min Scan# 1178

Delta R.T. -0.06 min

Lab File: BF088369.D

Acq: 25 Jun 2016 11:27

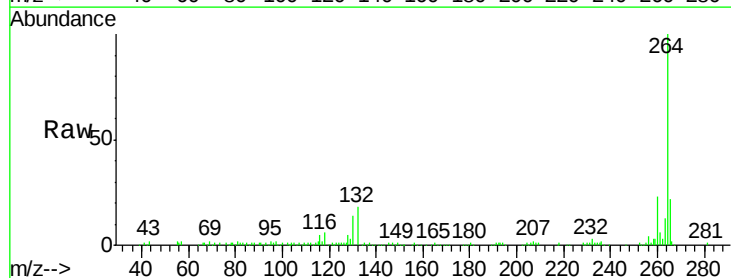
Tgt Ion:264 Resp: 148081

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.5 16.9 25.3



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

