

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
 Data File : BF089111.D
 Acq On : 19 Jul 2016 11:46
 Operator : UM/SJ
 Sample : H4018-10
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G9-B2(0-5)C

Quant Time: Jul 19 15:34:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 15:28:17 2016
 Response via : Initial Calibration

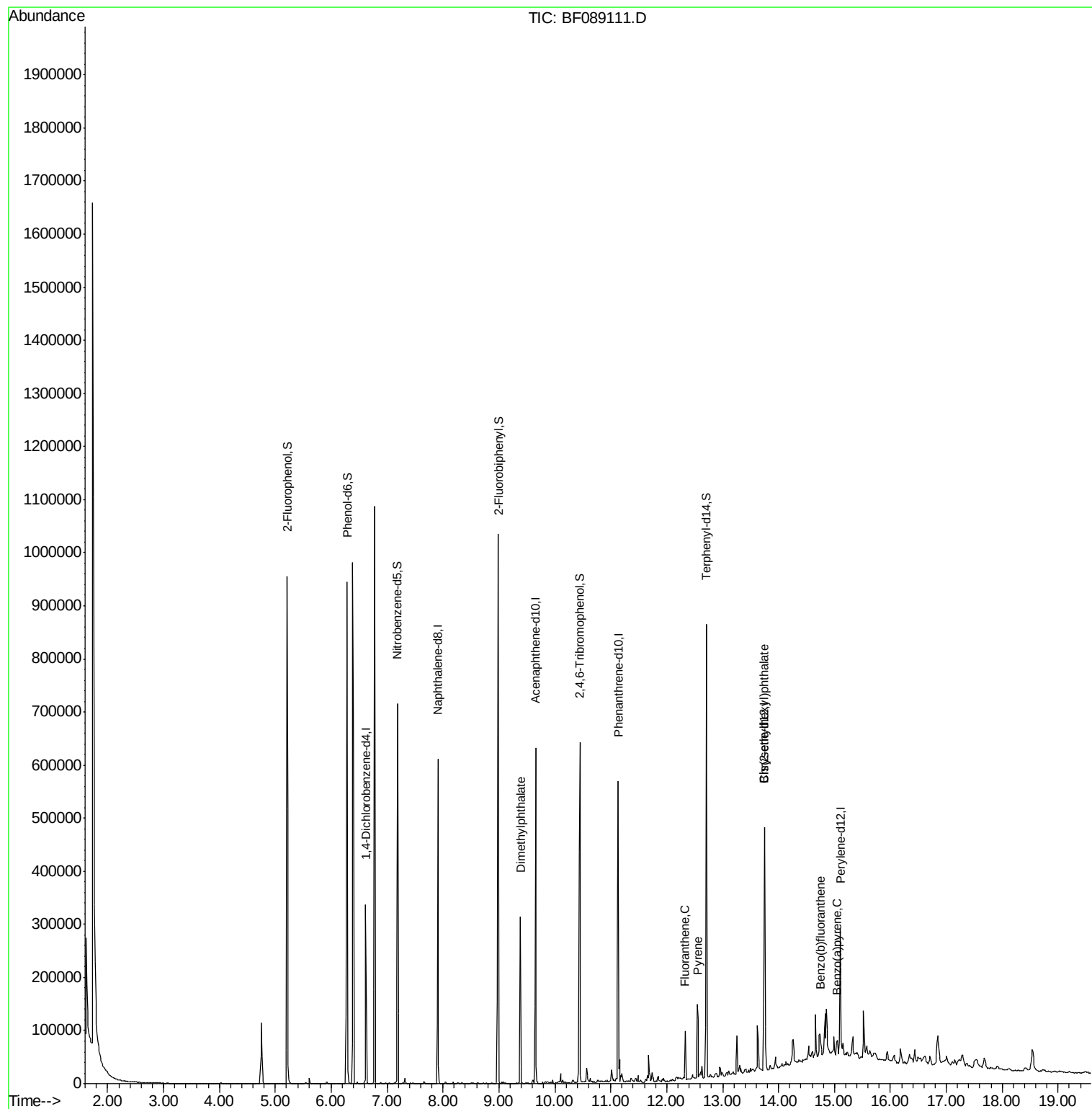
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	57398	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	254205	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	118738	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	202094	20.00	ng	0.00
75) Chrysene-d12	13.75	240	118146	20.00	ng	-0.01
86) Perylene-d12	15.11	264	112188	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	317668	82.95	ng	0.00
7) Phenol-d6	6.28	99	481280	97.25	ng	0.00
23) Nitrobenzene-d5	7.19	82	253396	52.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	84060	76.24	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	514444	68.44	ng	0.00
78) Terphenyl-d14	12.71	244	337658	63.66	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.38	163	111276	13.15	ng	100
74) Fluoranthene	12.33	202	32444	2.90	ng	96
77) Pyrene	12.56	202	32140	3.21	ng	98
83) Bis(2-ethylhexyl)phthalate	13.75	149	16270	3.19	ng	# 98
87) Benzo(b)fluoranthene	14.74	252	22368m	3.18	ng	
89) Benzo(a)pyrene	15.05	252	14060	2.36	ng	97

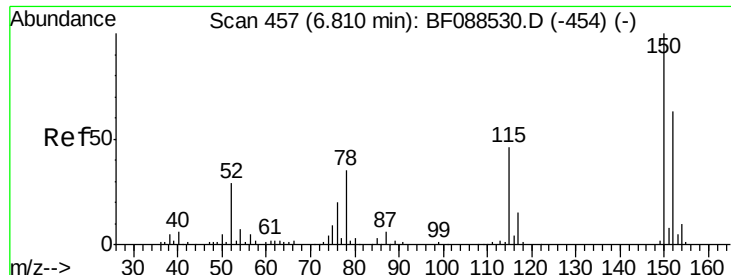
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 19 15:28:17 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.01 min

Lab File: BF089111.D

Acq: 19 Jul 2016 11:46

Instrument :

BNA_F

ClientSampleId :

G9-B2(0-5)C

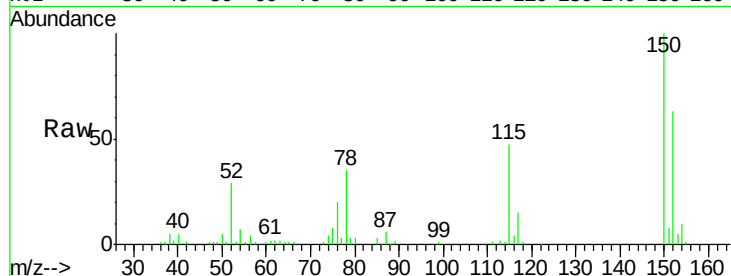
Tgt Ion:152 Resp: 57398

Ion Ratio Lower Upper

152 100

150 159.2 123.8 185.6

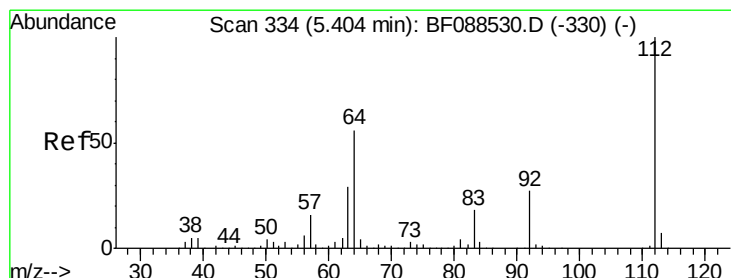
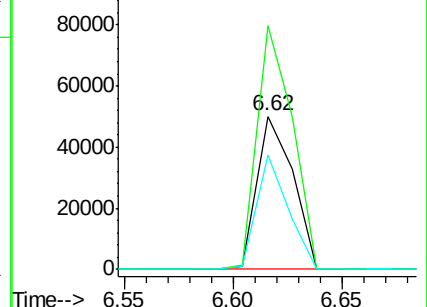
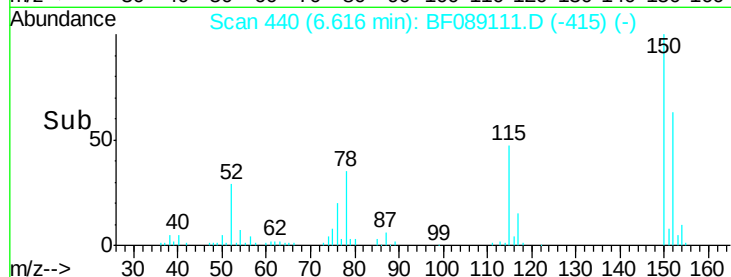
115 75.0 39.6 59.4#



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: 82.95 ng

RT: 5.21 min Scan# 317

Delta R.T. -0.00 min

Lab File: BF089111.D

Acq: 19 Jul 2016 11:46

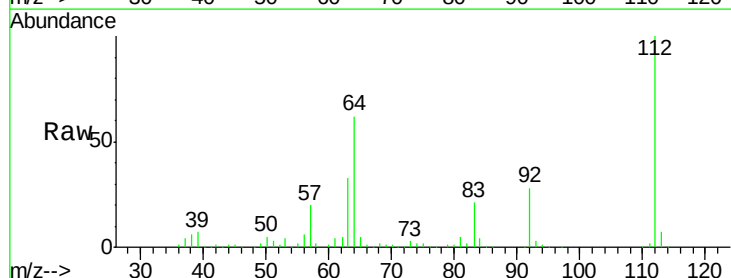
Tgt Ion:112 Resp: 317668

Ion Ratio Lower Upper

112 100

64 62.3 42.2 63.2

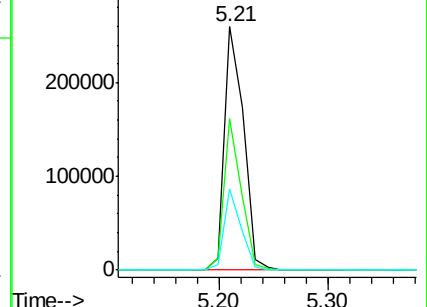
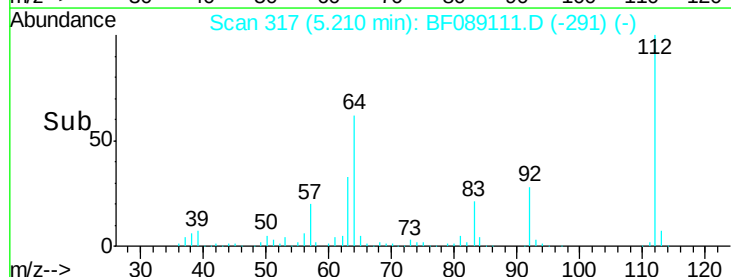
63 33.5 21.8 32.8#

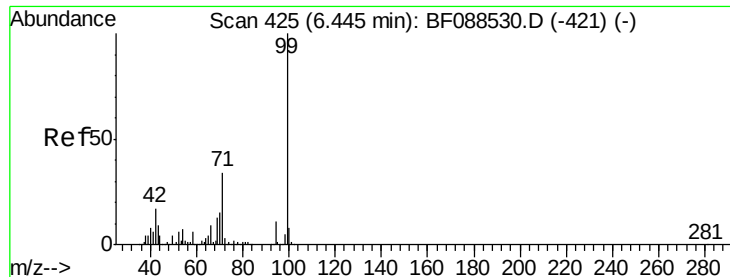


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 97.25 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF089111.D

Acq: 19 Jul 2016 11:46

Instrument :

BNA_F

ClientSampleId :

G9-B2(0-5)C

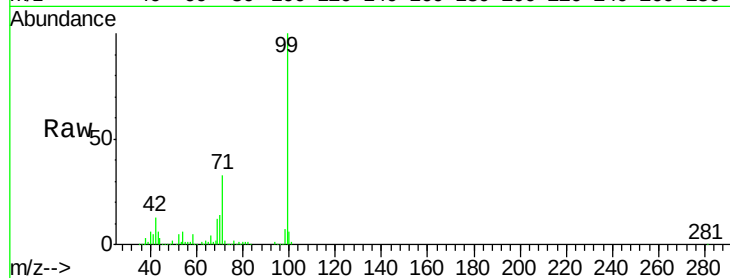
Tgt Ion: 99 Resp: 481280

Ion Ratio Lower Upper

99 100

42 13.4 12.2 18.2

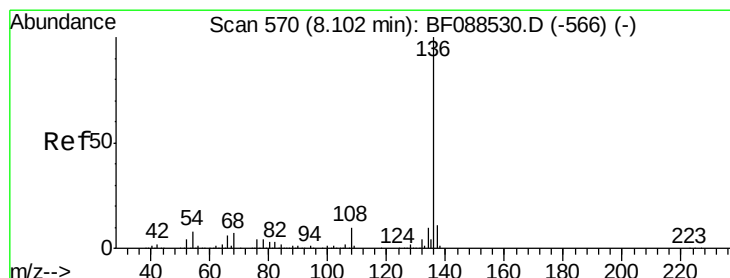
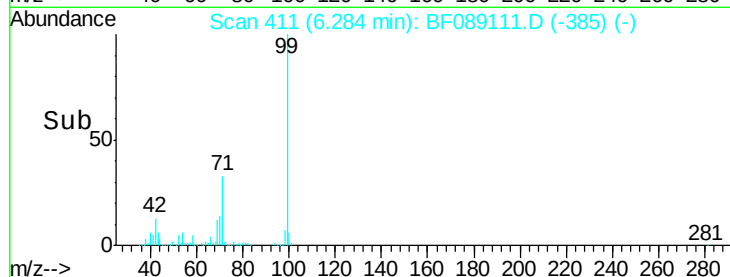
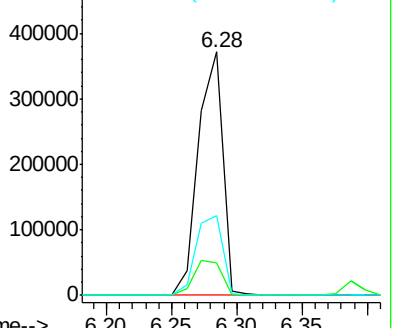
71 33.0 23.4 35.0



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: 7.91 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF089111.D

Acq: 19 Jul 2016 11:46

Tgt Ion: 136 Resp: 254205

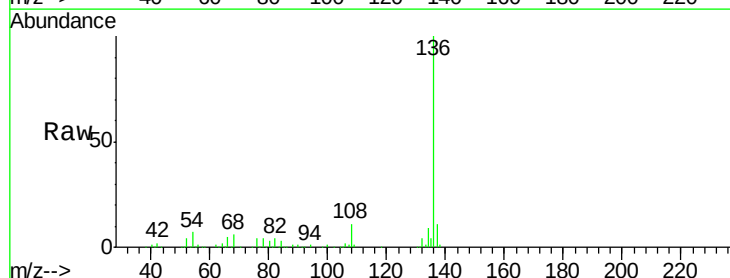
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 7.1 6.6 10.0

68 5.8 5.1 7.7

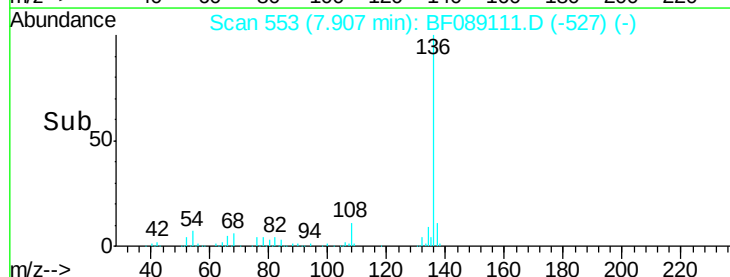
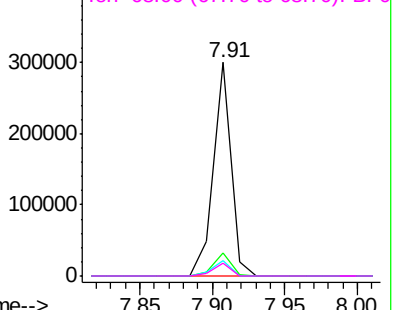


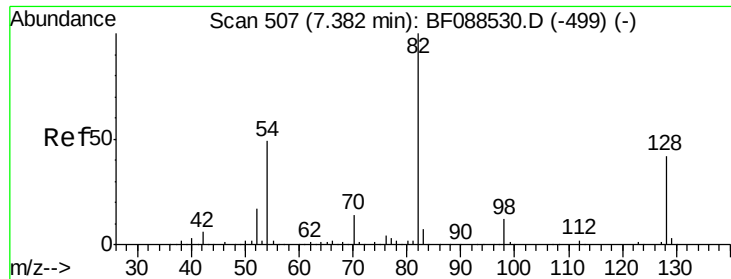
Abundance Ion 136.00 (135.70 to 136.70): E

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

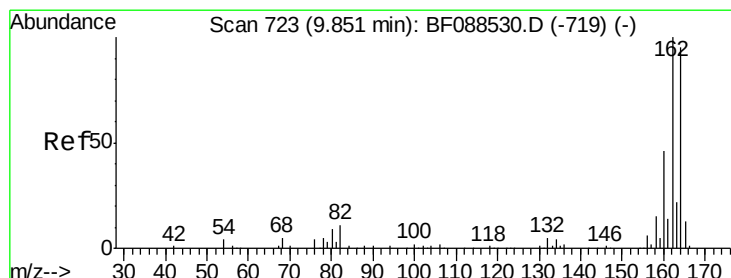
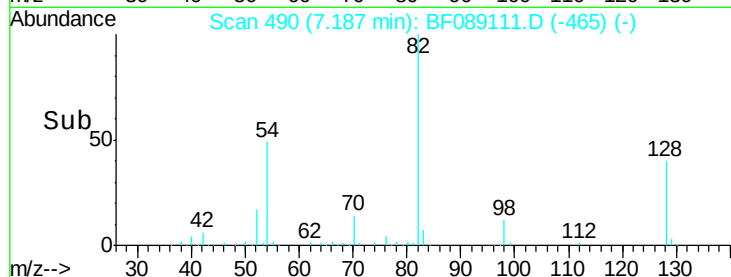
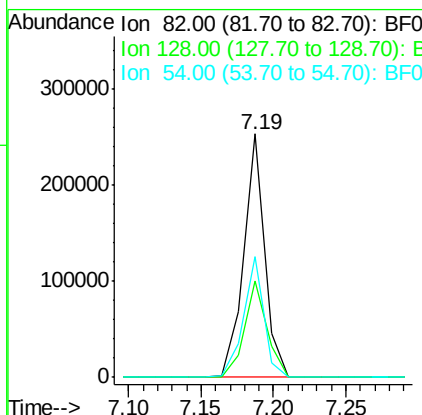
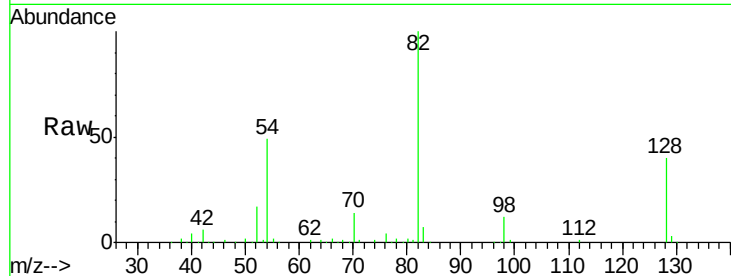




#23
 Nitrobenzene-d5
 Concen: 52.24 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF089111.D
 Acq: 19 Jul 2016 11:46

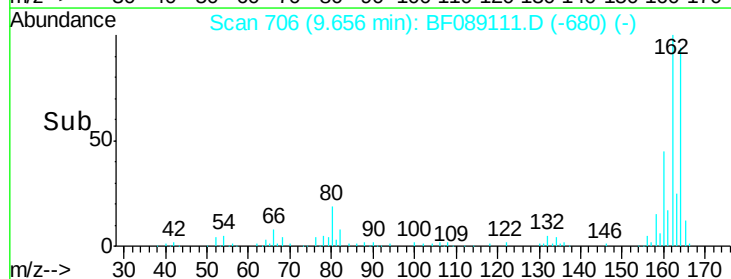
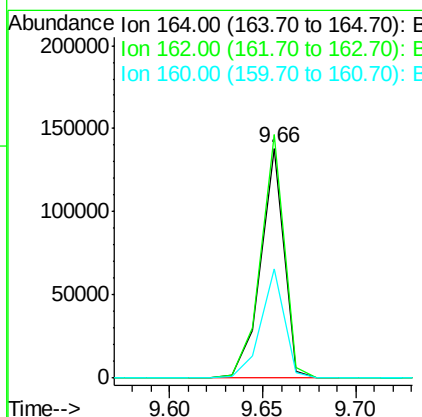
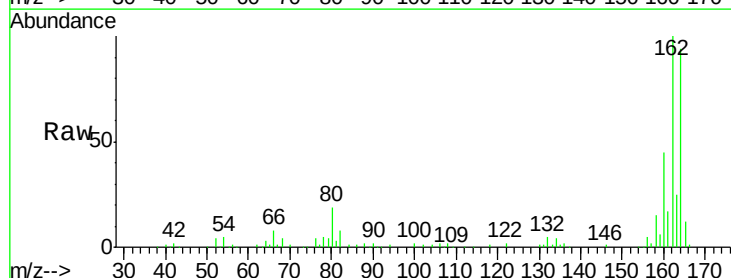
Instrument :
 BNA_F
 ClientSampleId :
 G9-B2(0-5)C

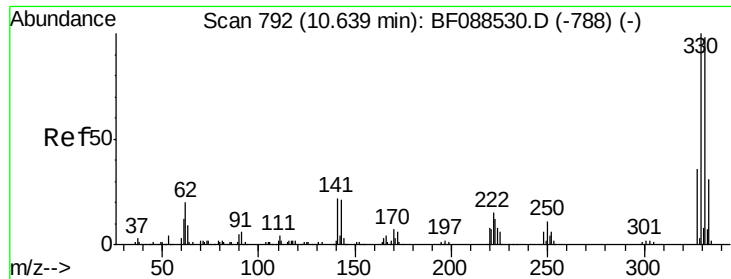
Tgt Ion: 82 Resp: 253396
 Ion Ratio Lower Upper
 82 100
 128 39.7 35.9 53.9
 54 49.4 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: BF089111.D
 Acq: 19 Jul 2016 11:46

Tgt Ion: 164 Resp: 118738
 Ion Ratio Lower Upper
 164 100
 162 105.9 85.4 128.2
 160 47.5 39.5 59.3

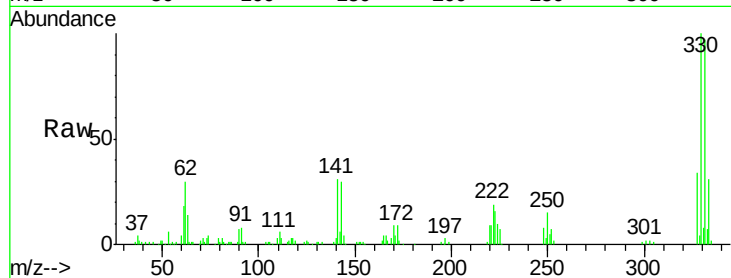




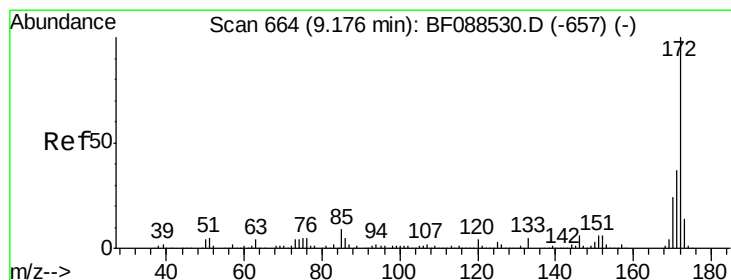
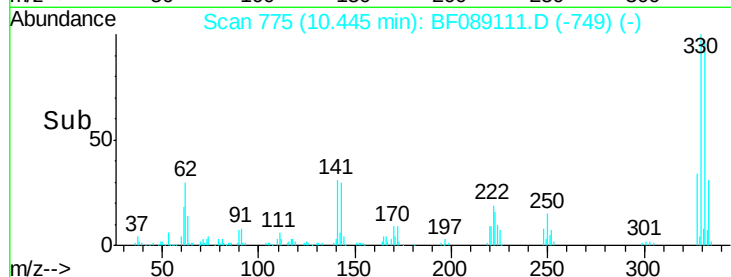
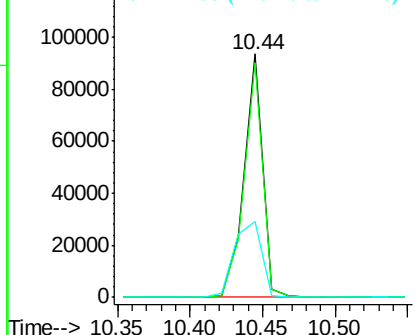
#41
 2,4,6-Tribromophenol
 Concen: 76.24 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF089111.D
 Acq: 19 Jul 2016 11:46

Instrument :
 BNA_F
 ClientSampleId :
 G9-B2(0-5)C

Tgt Ion:330 Resp: 84060
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 45.1 0.0 0.0#

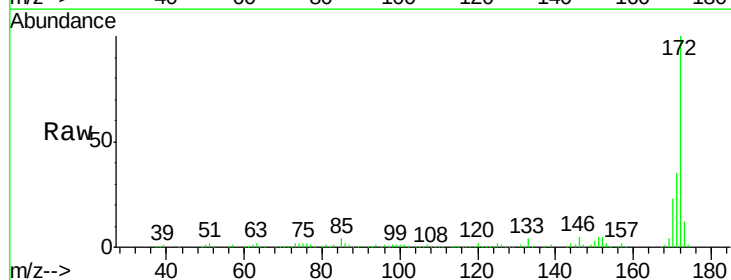


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

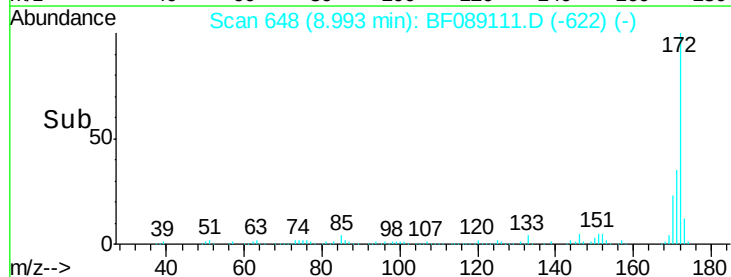
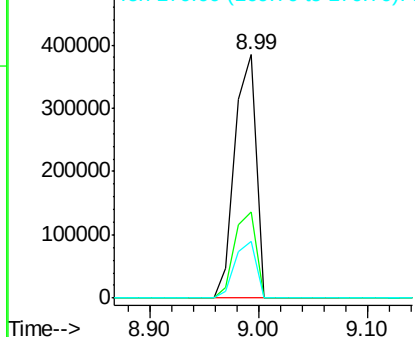


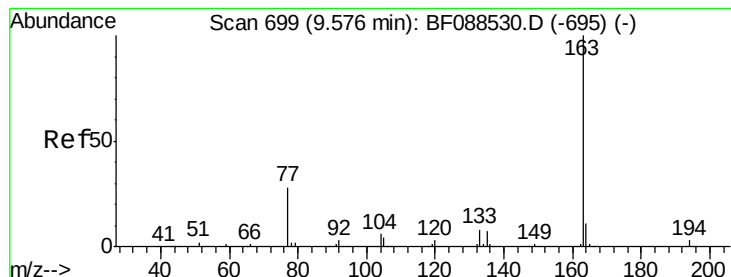
#44
 2-Fluorobiphenyl
 Concen: 68.44 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF089111.D
 Acq: 19 Jul 2016 11:46

Tgt Ion:172 Resp: 514444
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 43.0
 170 23.5 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





#49

Dimethylphthalate

Concen: 13.15 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.02 min

Lab File: BF089111.D

Acq: 19 Jul 2016 11:46

Instrument :

BNA_F

ClientSampleId :

G9-B2(0-5)C

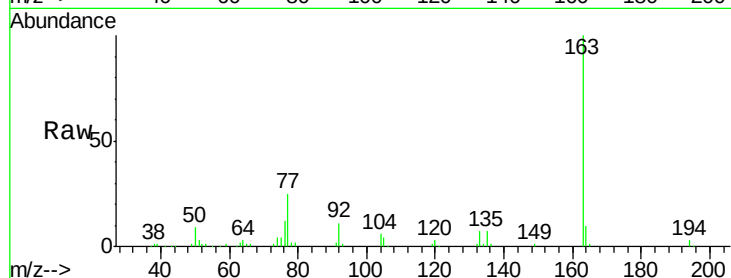
Tgt Ion:163 Resp: 111276

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

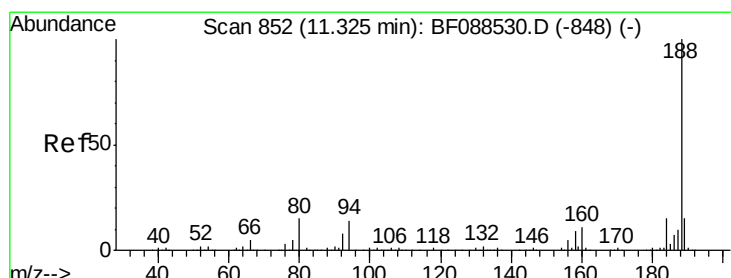
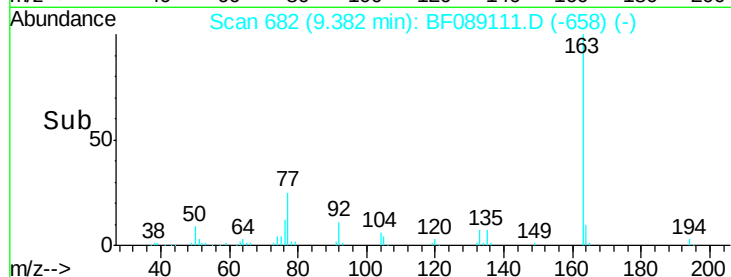
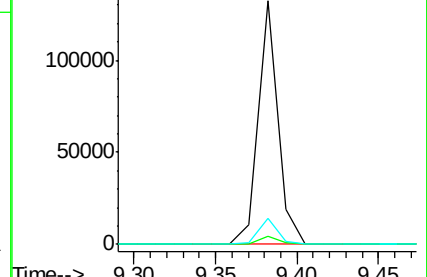
164 10.5 8.3 12.5



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: 11.13 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF089111.D

Acq: 19 Jul 2016 11:46

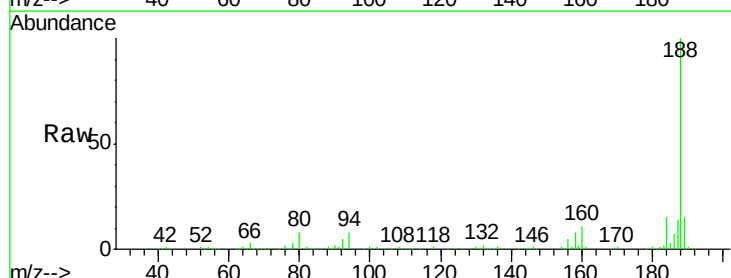
Tgt Ion:188 Resp: 202094

Ion Ratio Lower Upper

188 100

94 8.0 9.0 13.6#

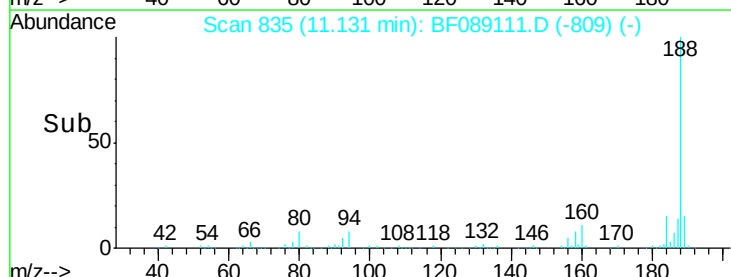
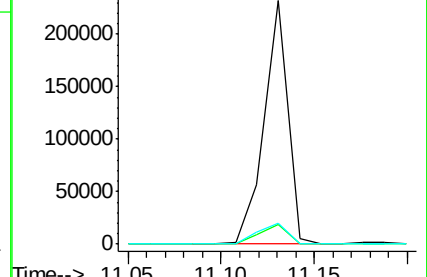
80 8.5 10.0 15.0#

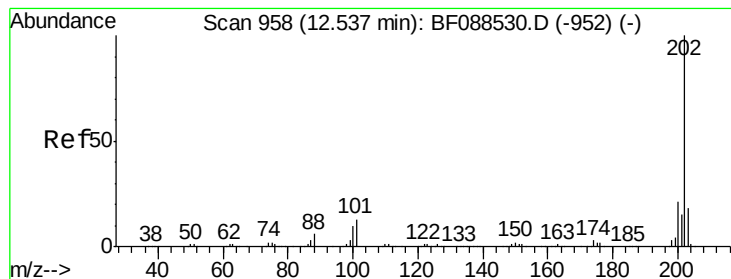


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.90 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF089111.D

Acq: 19 Jul 2016 11:46

Instrument :

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ClientSampleId :

G9-B2(0-5)C

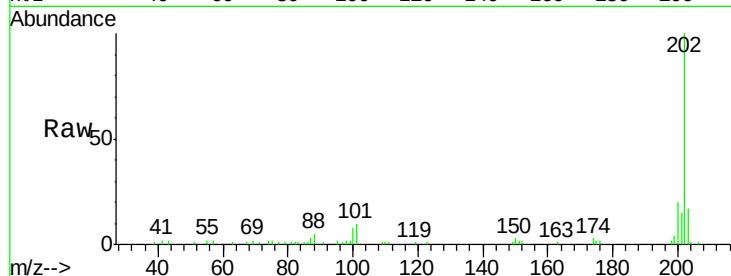
Tgt Ion:202 Resp: 32444

Ion Ratio Lower Upper

202 100

101 10.4 0.0 33.1

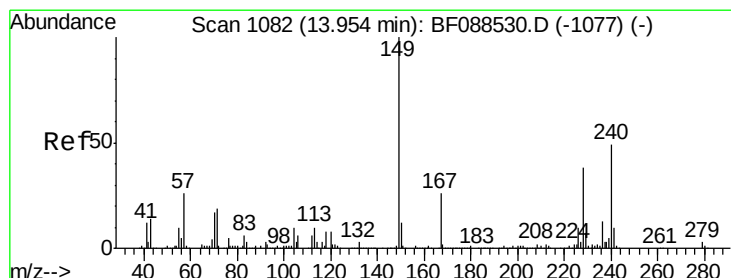
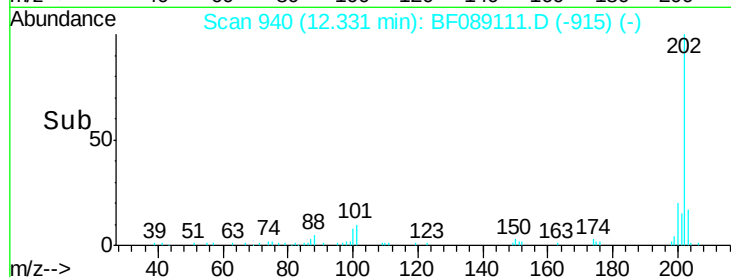
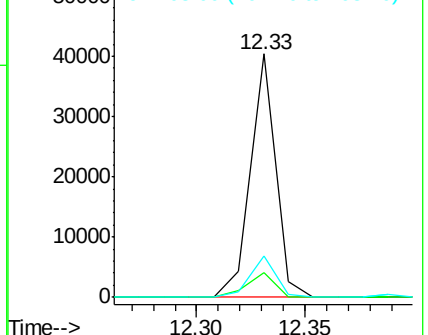
203 17.1 0.0 38.1



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: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF089111.D

Acq: 19 Jul 2016 11:46

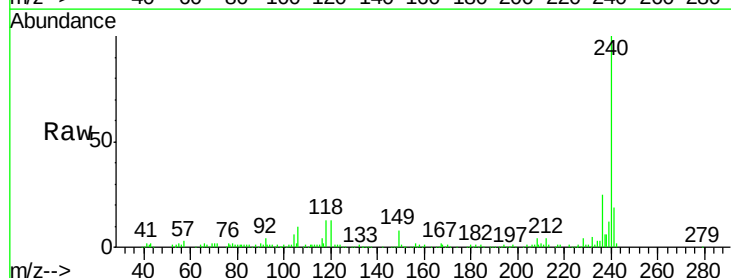
Tgt Ion:240 Resp: 118146

Ion Ratio Lower Upper

240 100

120 12.7 6.8 10.2#

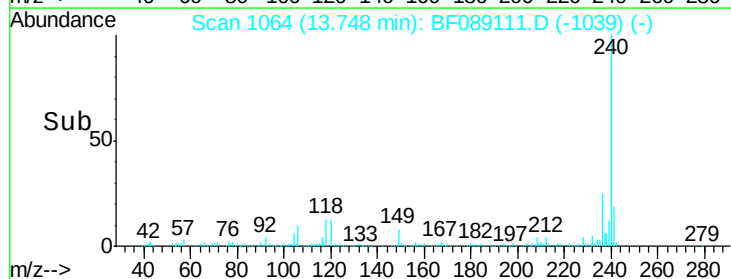
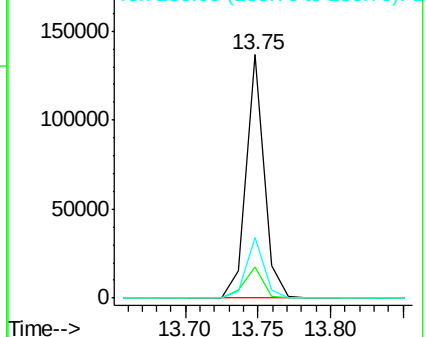
236 25.1 20.2 30.2

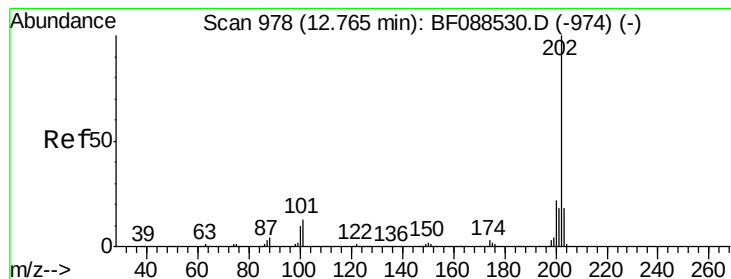


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 3.21 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF089111.D

Acq: 19 Jul 2016 11:46

Instrument :

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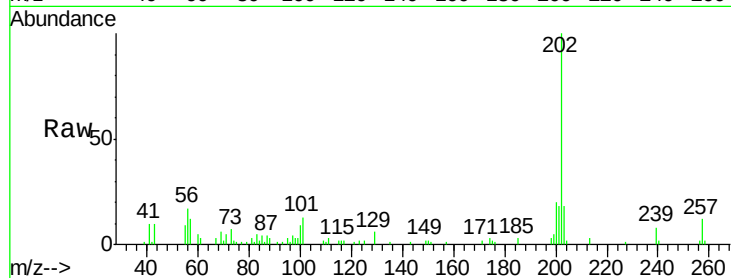
Tgt Ion:202 Resp: 32140

Ion Ratio Lower Upper

202 100

200 20.3 17.4 26.2

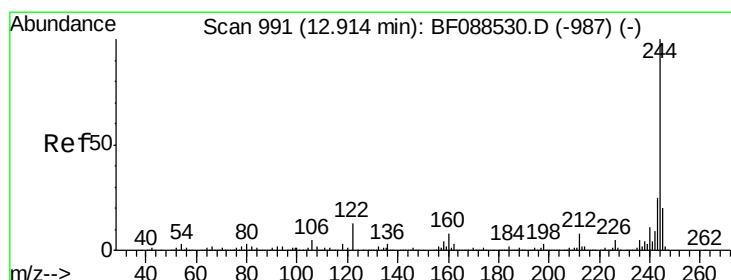
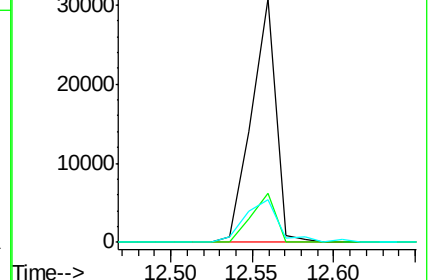
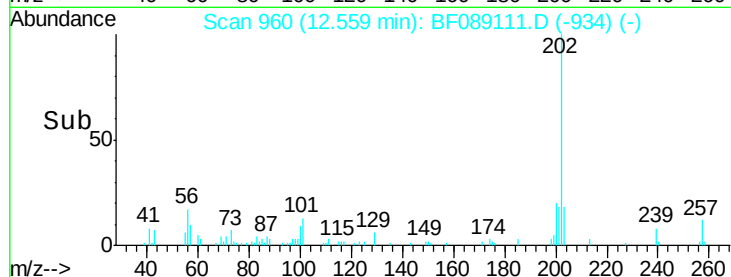
203 17.6 14.5 21.7



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: 63.66 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF089111.D

Acq: 19 Jul 2016 11:46

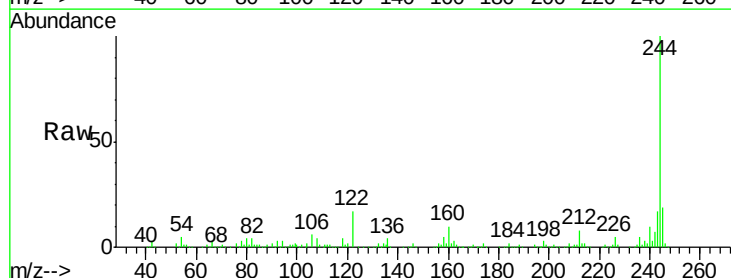
Tgt Ion:244 Resp: 337658

Ion Ratio Lower Upper

244 100

212 8.2 6.0 9.0

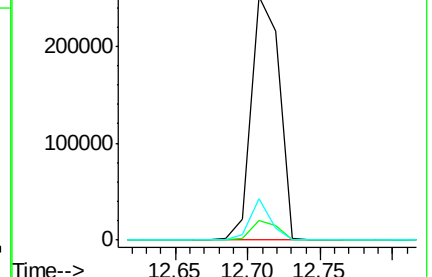
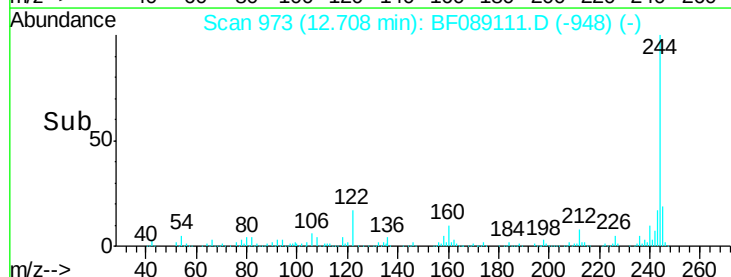
122 16.9 11.2 16.8#

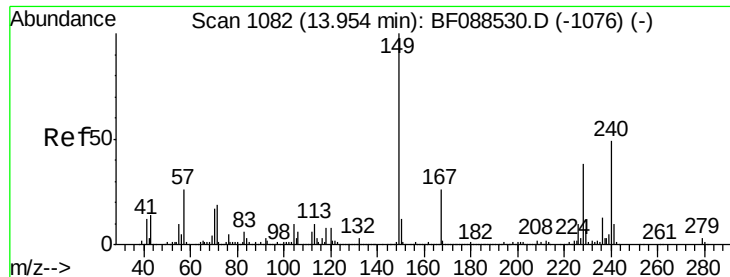


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.19 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF089111.D

Acq: 19 Jul 2016 11:46

Instrument :

BNA_F

ClientSampleId :

G9-B2(0-5)C

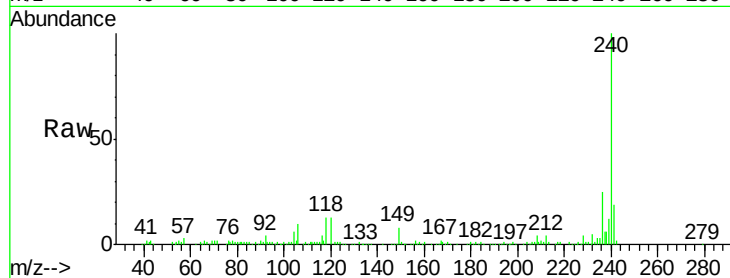
Tgt Ion:149 Resp: 16270

Ion Ratio Lower Upper

149 100

167 26.6 20.5 30.7

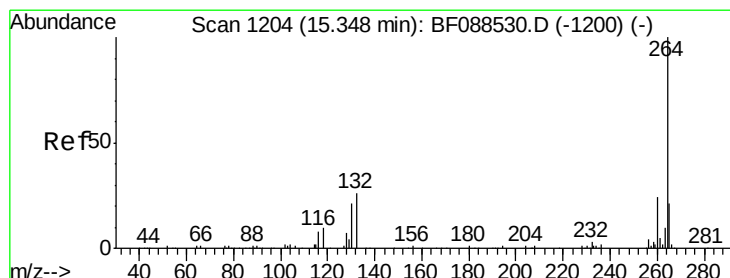
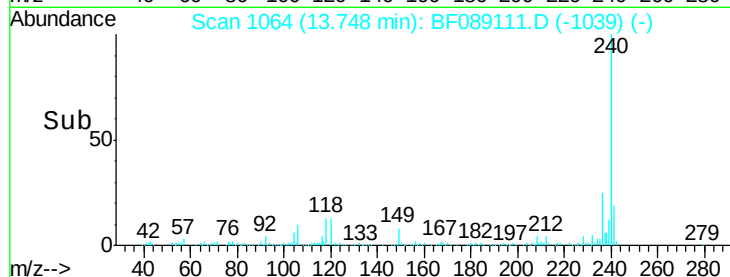
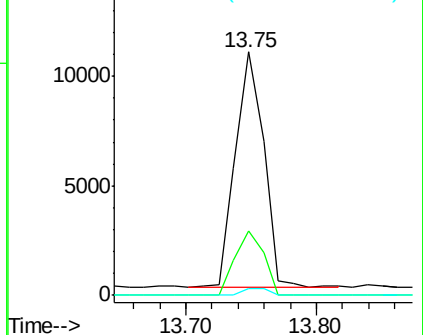
279 3.0 2.0 3.0#



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: 15.11 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF089111.D

Acq: 19 Jul 2016 11:46

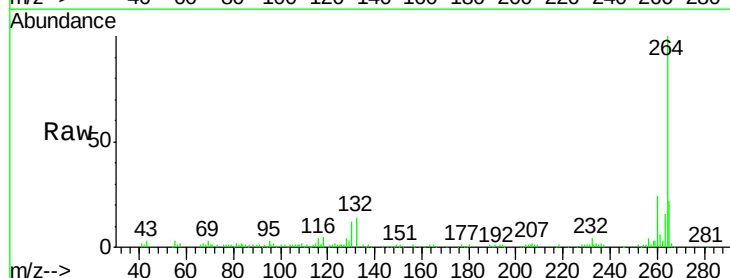
Tgt Ion:264 Resp: 112188

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

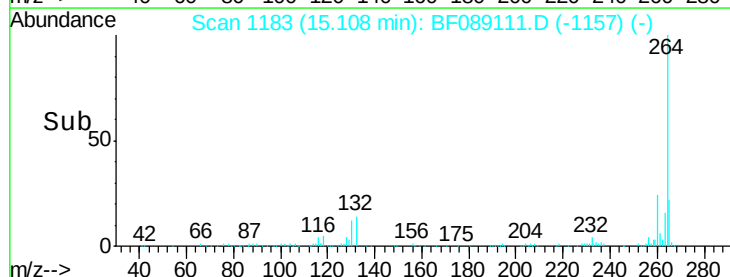
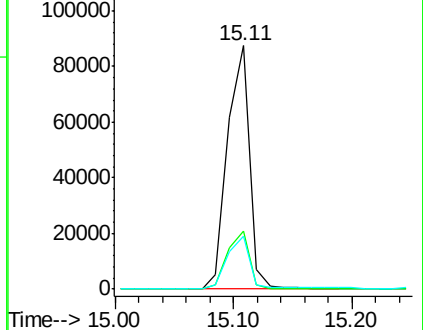
265 21.6 16.9 25.3

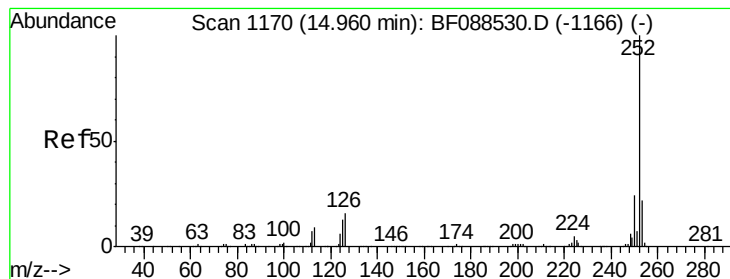


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 3.18 ng m

RT: 14.74 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF089111.D

Acq: 19 Jul 2016 11:46

Instrument :

BNA_F

ClientSampleId :

G9-B2(0-5)C

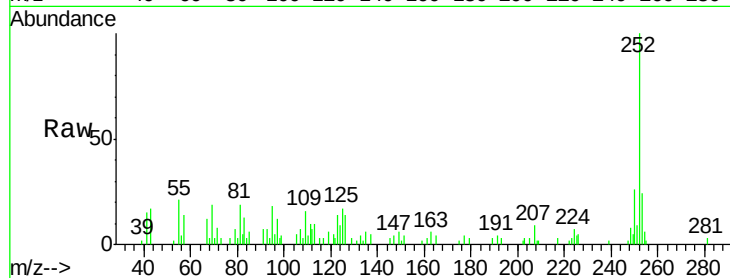
Tgt Ion:252 Resp: 22368

Ion Ratio Lower Upper

252 100

253 24.2 17.4 26.2

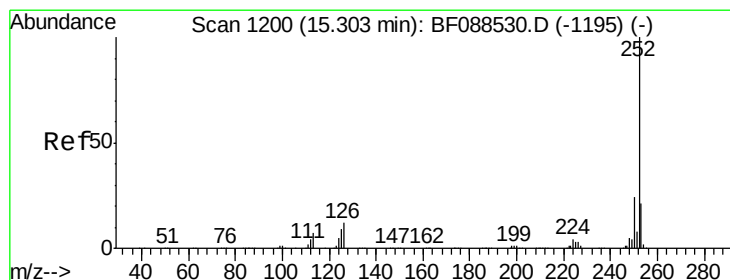
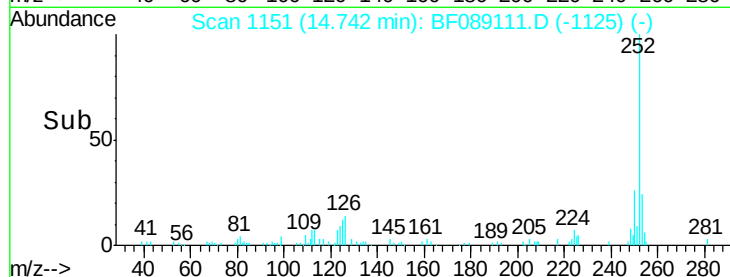
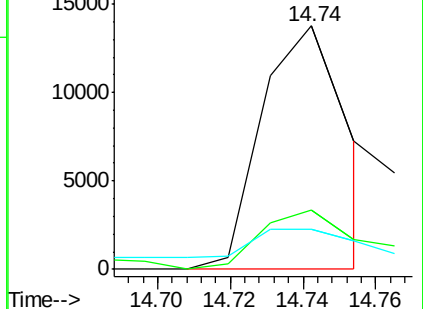
125 16.6 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 2.36 ng

RT: 15.05 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF089111.D

Acq: 19 Jul 2016 11:46

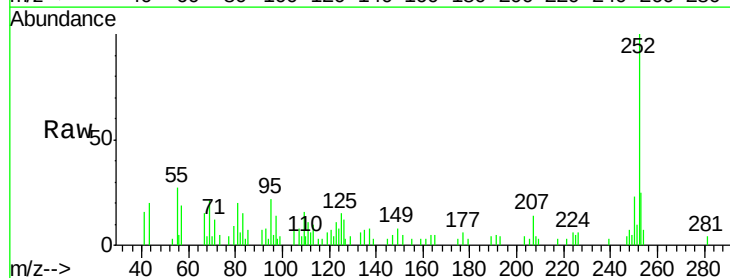
Tgt Ion:252 Resp: 14060

Ion Ratio Lower Upper

252 100

253 24.7 17.9 26.9

125 15.4 12.5 18.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

