

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092716\
 Data File : BF090265.D
 Acq On : 27 Sep 2016 21:22
 Operator : UM/SJ
 Sample : H4949-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-2-2-LOC-2(10-15)

Quant Time: Sep 28 00:44:33 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

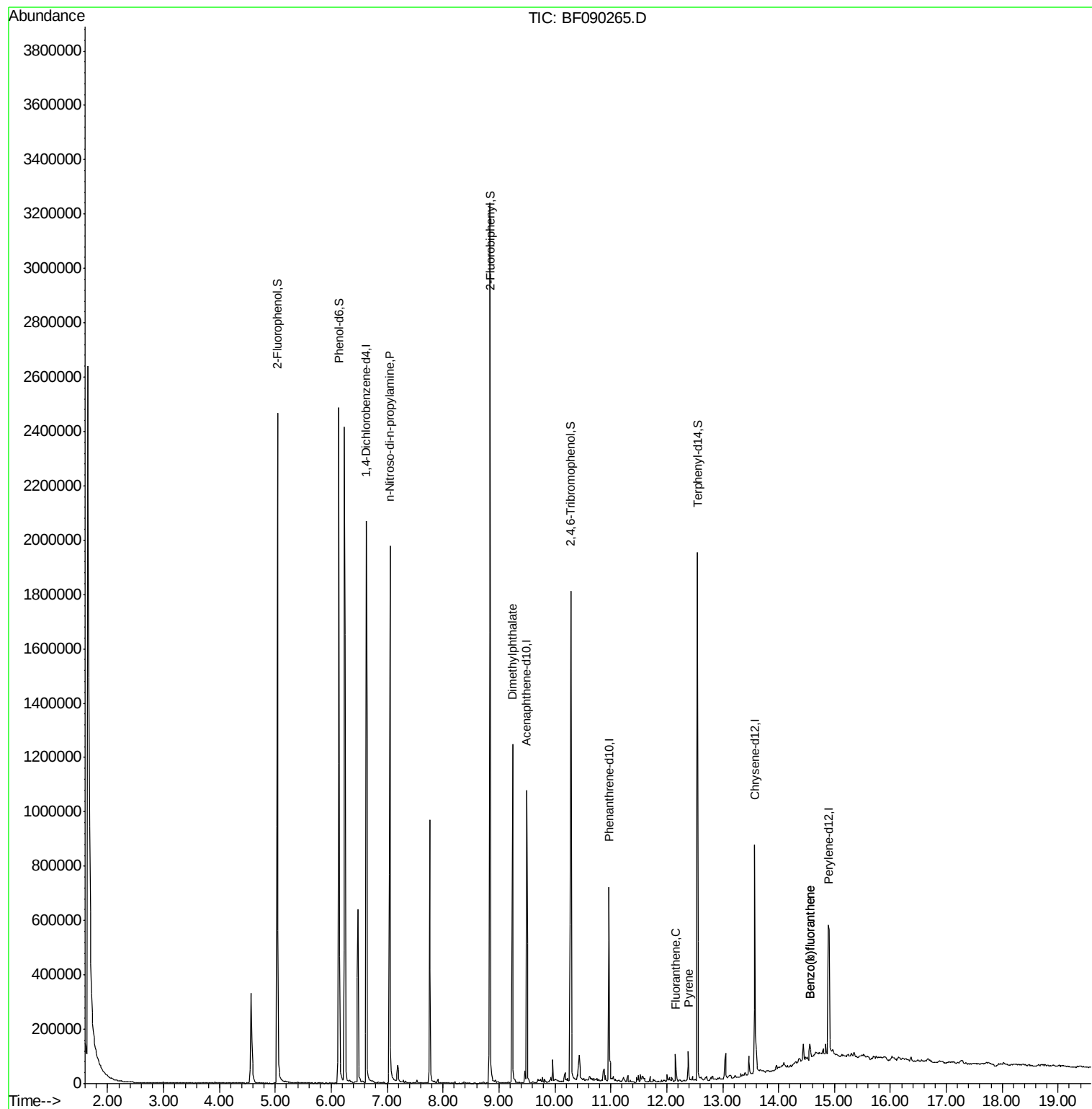
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	431954	20.00	ng	0.15
21) Naphthalene-d8	0.00	136	0	0.00	ng	-7.77
38) Acenaphthene-d10	9.50	164	275994	20.00	ng	-0.01
63) Phenanthrene-d10	10.97	188	368409	20.00	ng	-0.01
75) Chrysene-d12	13.58	240	287093	20.00	ng	-0.02
86) Perylene-d12	14.90	264	270391	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	941369	35.52	ng	0.01
7) Phenol-d6	6.14	99	1224301	37.41	ng	0.00
23) Nitrobenzene-d5	7.05	82	788357	0.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.28	330	232962	98.39	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	1240336	88.23	ng	-0.01
78) Terphenyl-d14	12.55	244	647042	57.22	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.05	70	100914	5.25	ng	Qvalue # 79
49) Dimethylphthalate	9.24	163	633158	36.02	ng	99
74) Fluoranthene	12.16	202	45719	2.47	ng	99
77) Pyrene	12.39	202	46682	2.38	ng	97
87) Benzo(b)fluoranthene	14.56	252	33562	2.24	ng	98
88) Benzo(k)fluoranthene	14.56	252	33562	2.39	ng	# 93

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.15 min

Lab File: BF090265.D

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Instrument :

BNA_F

ClientSampleId :

S-2-2-LOC-2(10-15)

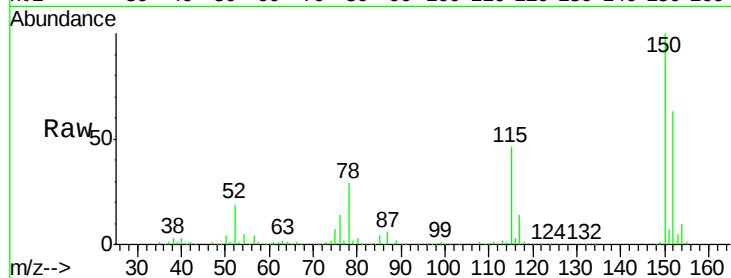
Tgt Ion:152 Resp: 431954

Ion Ratio Lower Upper

152 100

150 157.9 128.9 193.3

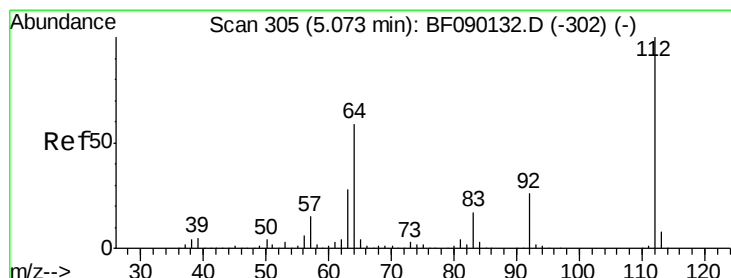
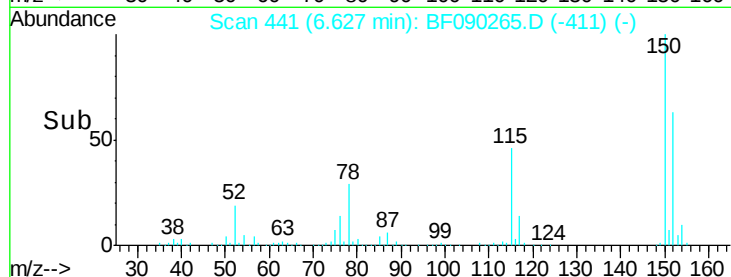
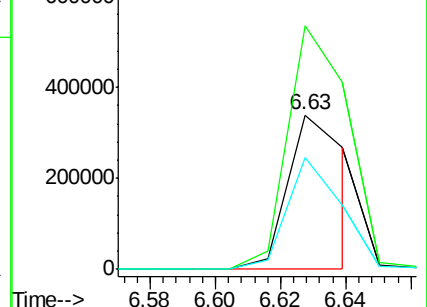
115 72.8 55.5 83.3



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: 35.52 ng

RT: 5.04 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF090265.D

Acq: 27 Sep 2016 21:22

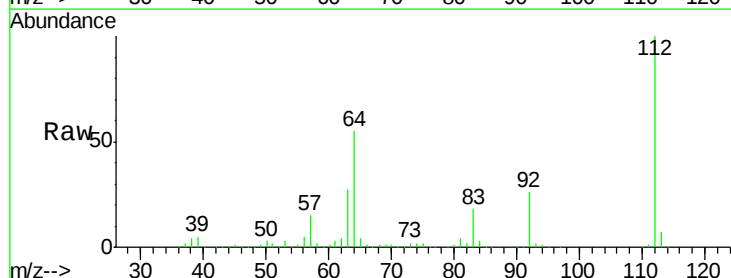
Tgt Ion:112 Resp: 941369

Ion Ratio Lower Upper

112 100

64 55.2 39.8 59.6

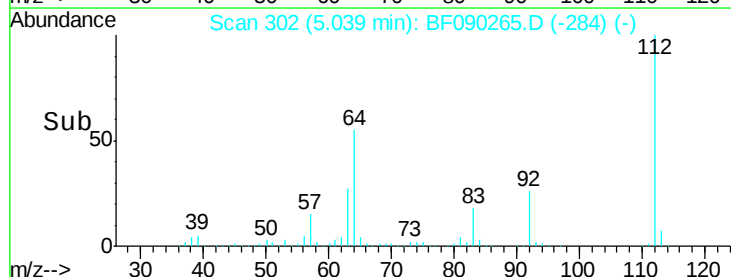
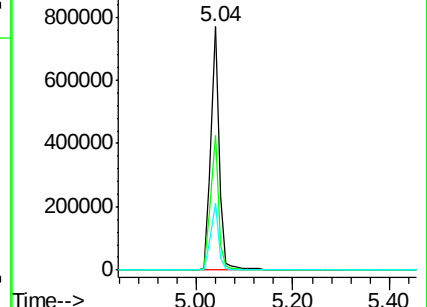
63 27.3 18.9 28.3



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: 37.41 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF090265.D

Acq: 27 Sep 2016 21:22

Instrument :

BNA_F

ClientSampleId :

S-2-2-LOC-2(10-15)

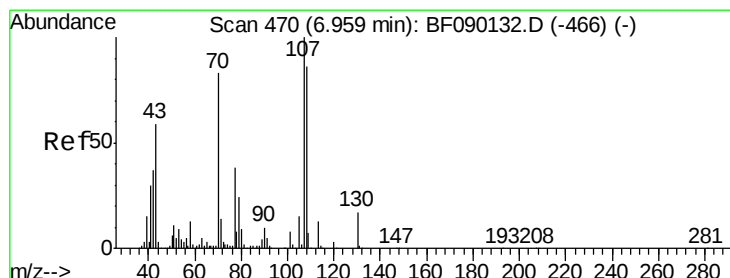
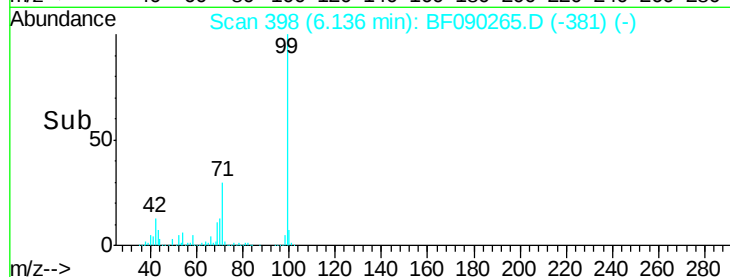
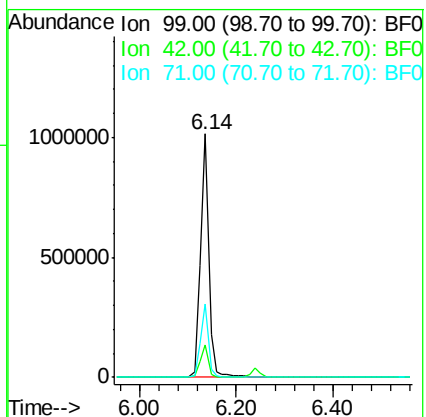
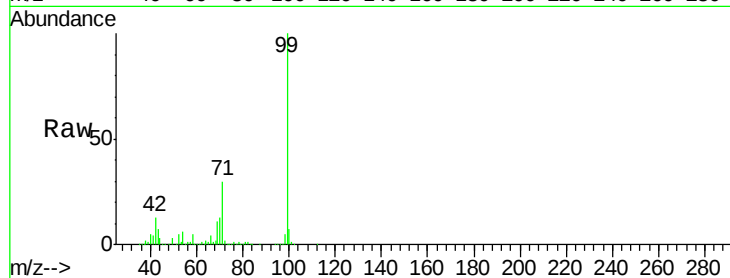
Tgt Ion: 99 Resp: 1224301

Ion Ratio Lower Upper

99 100

42 13.2 10.6 15.8

71 30.3 23.0 34.6



#19

n-Nitroso-di-n-propylamine

Concen: 5.25 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.14 min

Lab File: BF090265.D

Acq: 27 Sep 2016 21:22

Tgt Ion: 70 Resp: 100914

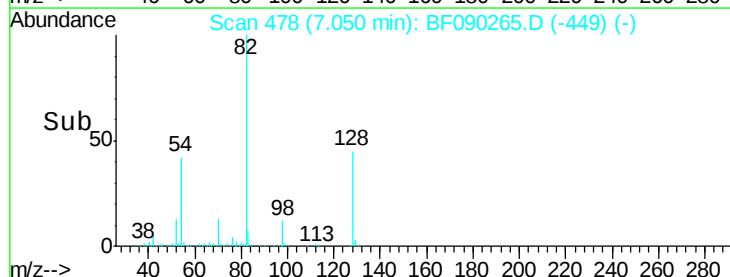
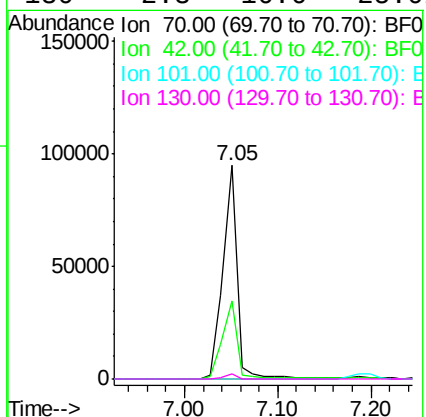
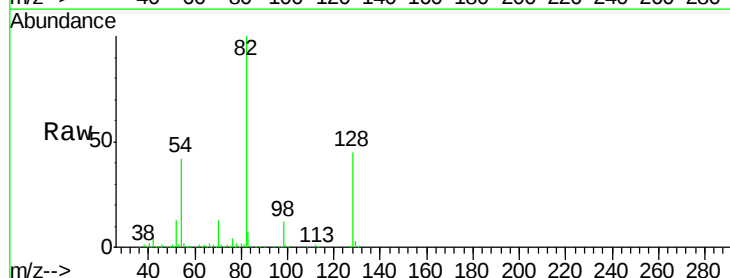
Ion Ratio Lower Upper

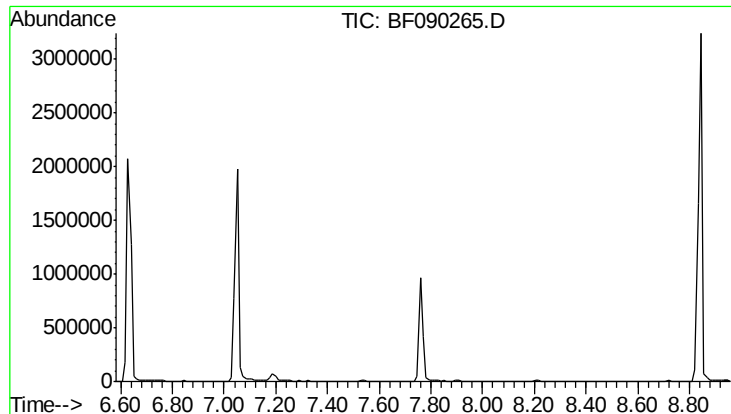
70 100

42 36.8 35.1 52.7

101 0.0 7.5 11.3#

130 2.3 16.6 25.0#

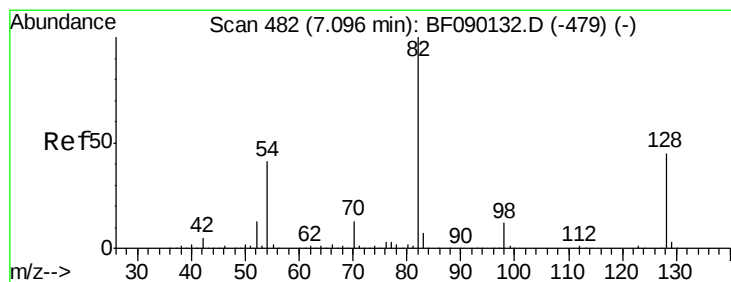
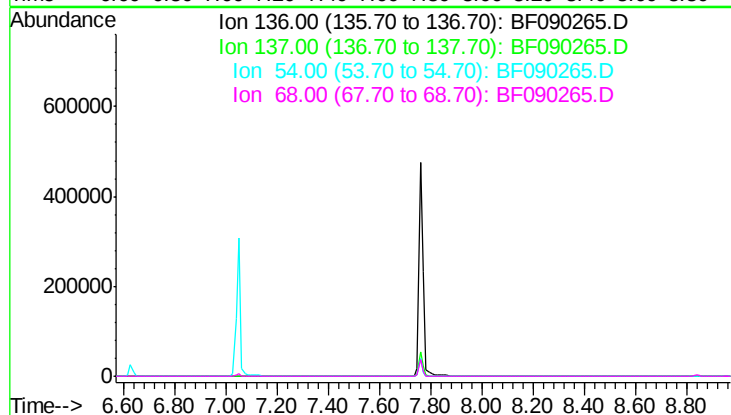




#21
Naphthalene-d8
Concen: 0.00 ng
Expected RT: 7.77 min
Lab File: BF090265.D
Acq: 27 Sep 2016 21:22

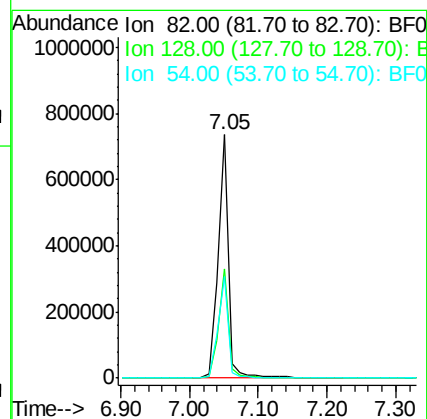
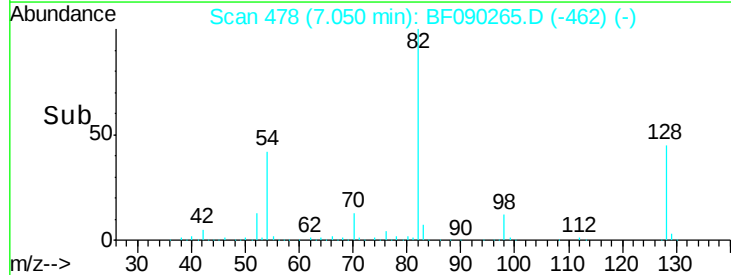
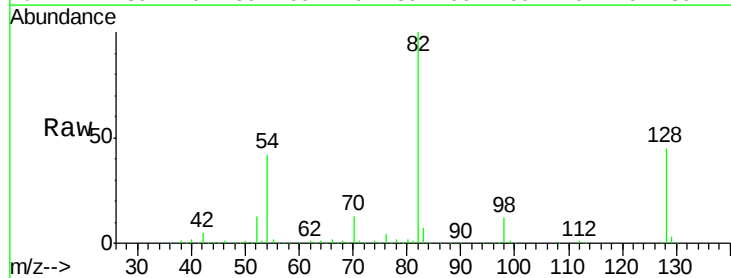
Instrument :
BNA_F
ClientSampleId :
S-2-2-LOC-2(10-15)

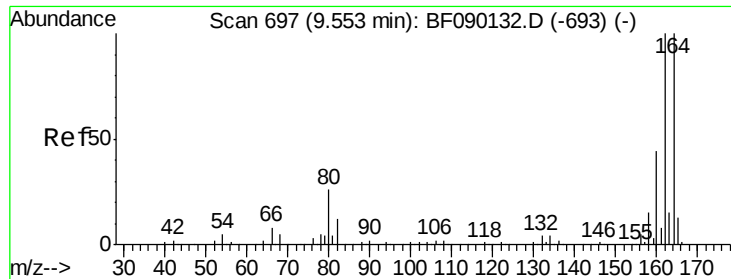
Tgt Ion: 136
Sig Exp Ratio
136 100
137 11.2
54 8.0
68 7.9



#23
Nitrobenzene-d5
Concen: 0.00 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF090265.D
Acq: 27 Sep 2016 21:22

Tgt Ion: 82 Resp: 788357
Ion Ratio Lower Upper
82 100
128 45.1 37.5 56.3
54 41.9 31.9 47.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF090265.D

Acq: 27 Sep 2016 21:22

Instrument :

BNA_F

ClientSampleId :

S-2-2-LOC-2(10-15)

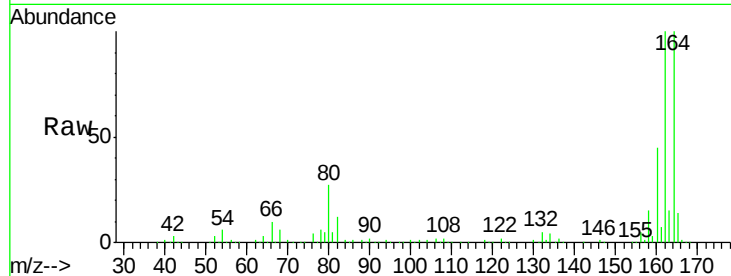
Tgt Ion:164 Resp: 275994

Ion Ratio Lower Upper

164 100

162 100.2 81.4 122.2

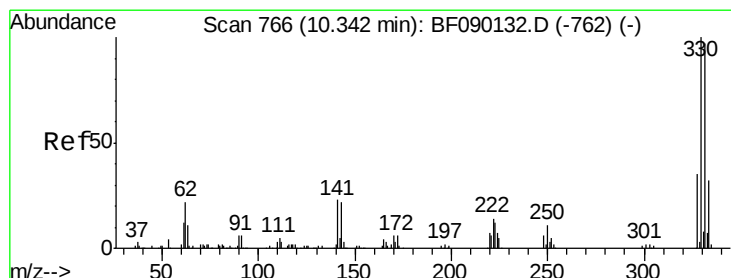
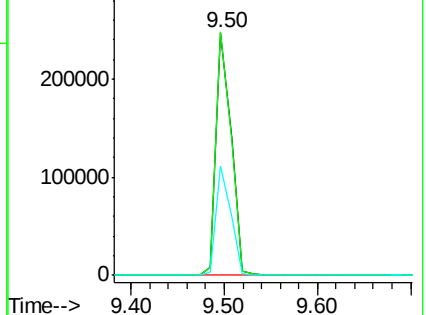
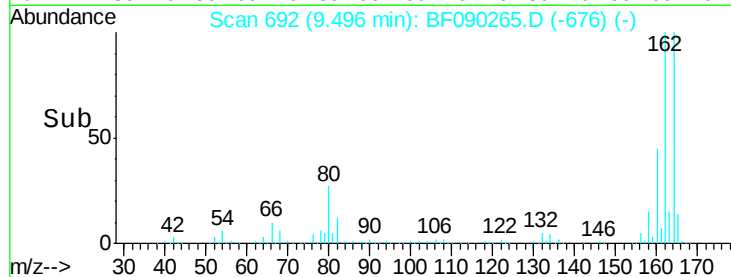
160 45.0 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 98.39 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF090265.D

Acq: 27 Sep 2016 21:22

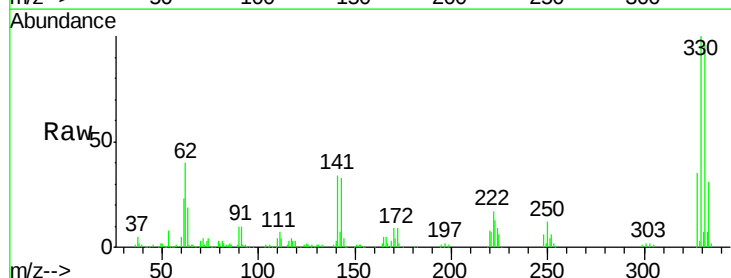
Tgt Ion:330 Resp: 232962

Ion Ratio Lower Upper

330 100

332 96.6 78.1 117.1

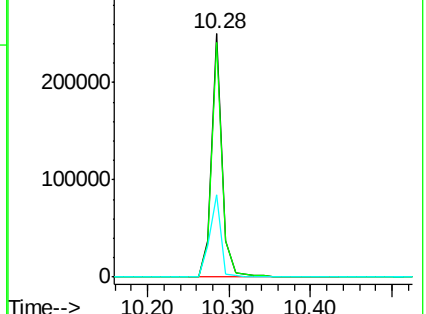
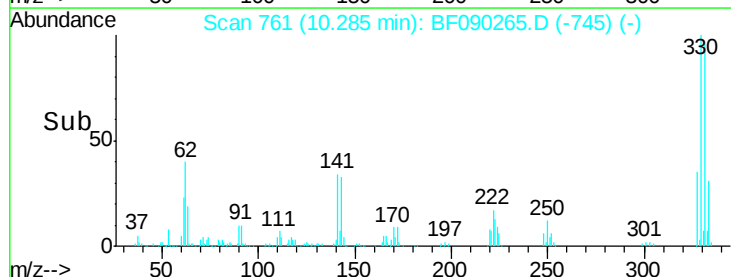
141 37.2 23.9 35.9#



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

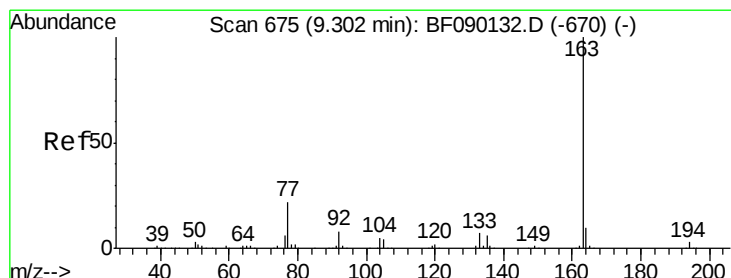
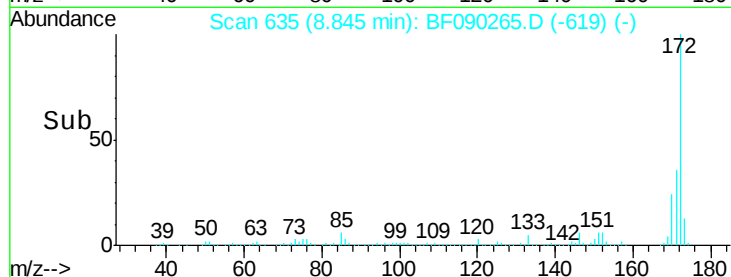
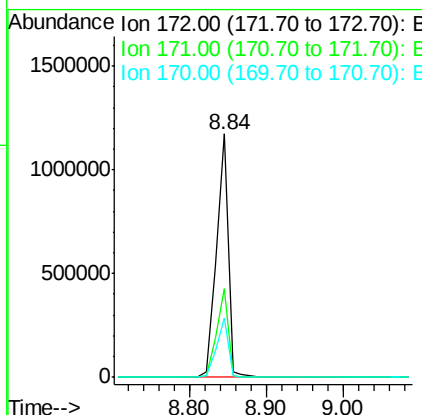
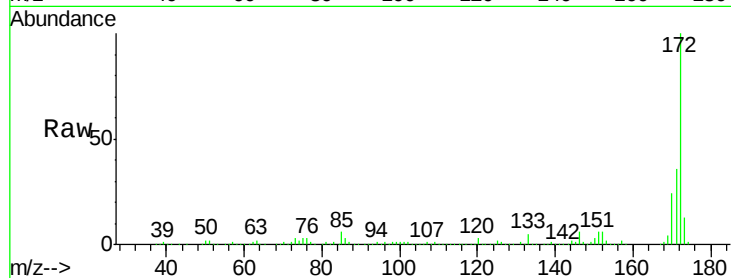




#44
 2-Fluorobiphenyl
 Concen: 88.23 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF090265.D
 Acq: 27 Sep 2016 21:22

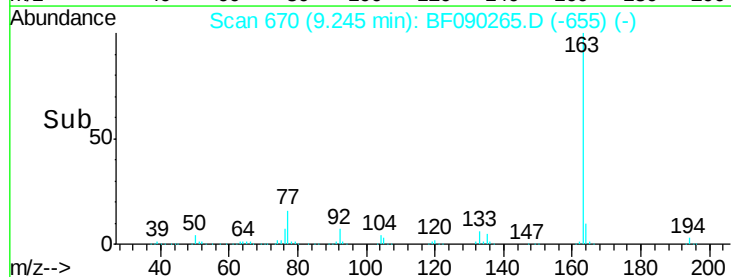
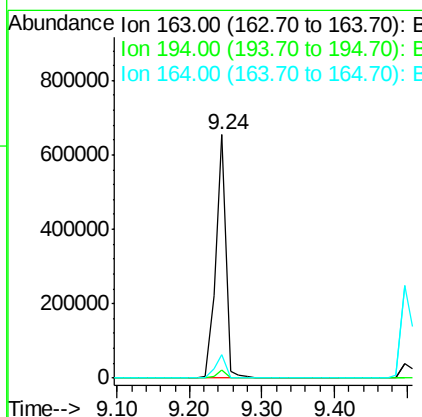
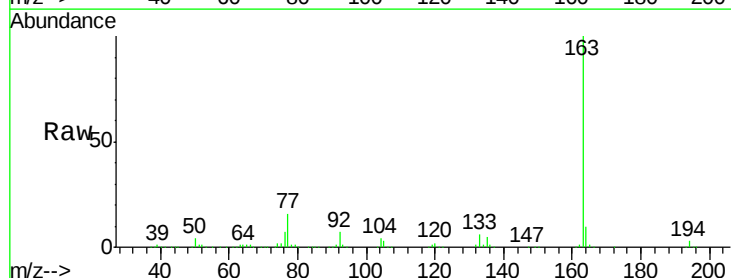
Instrument :
 BNA_F
 ClientSampleId :
 S-2-2-LOC-2(10-15)

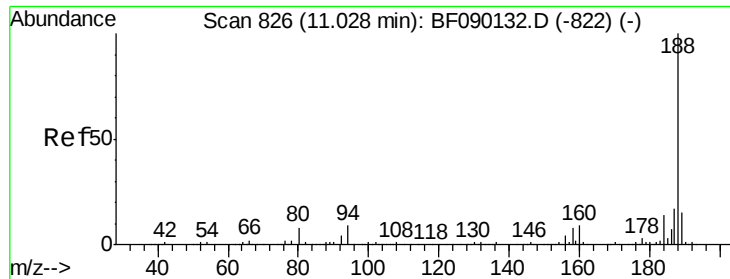
Tgt Ion:172 Resp: 1240336
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.2 43.8
 170 24.4 19.8 29.8



#49
 Dimethylphthalate
 Concen: 36.02 ng
 RT: 9.24 min Scan# 670
 Delta R.T. -0.02 min
 Lab File: BF090265.D
 Acq: 27 Sep 2016 21:22

Tgt Ion:163 Resp: 633158
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.8 4.2
 164 9.8 8.1 12.1

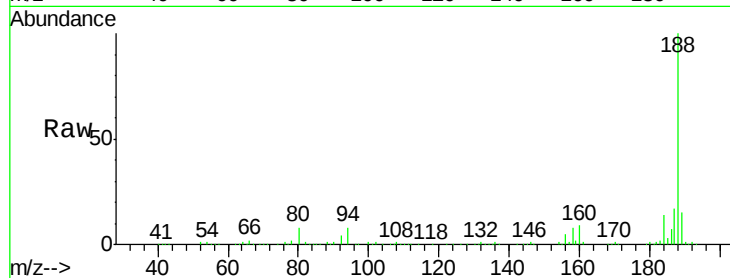




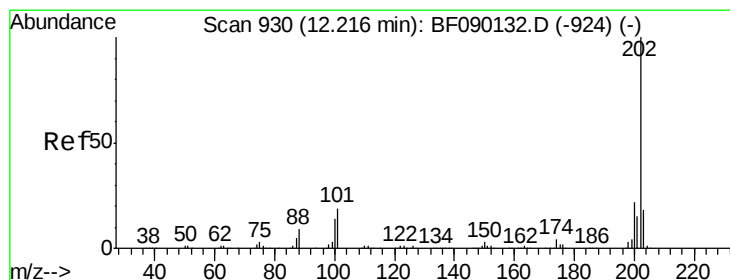
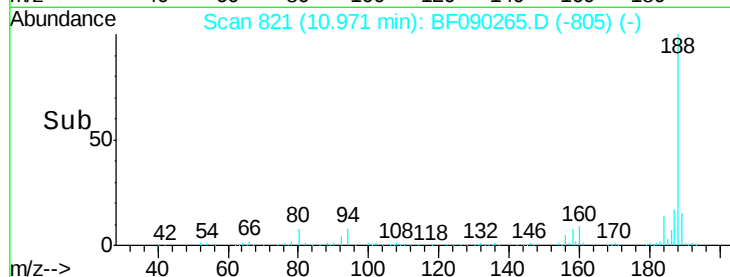
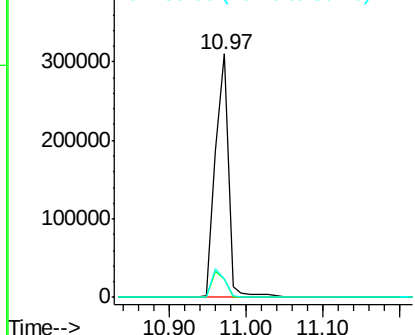
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF090265.D
Acq: 27 Sep 2016 21:22

Instrument :
BNA_F
ClientSampleId :
S-2-2-LOC-2(10-15)

Tgt Ion:188 Resp: 368409
Ion Ratio Lower Upper
188 100
94 7.6 10.5 15.7#
80 7.8 11.2 16.8#

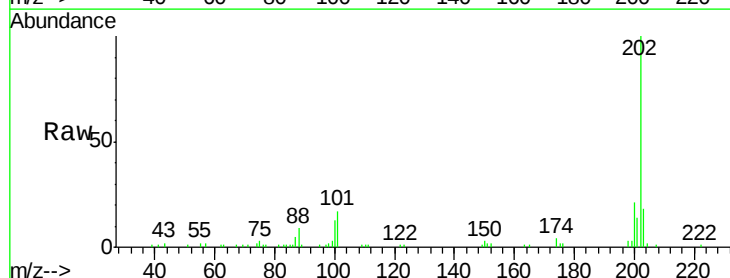


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

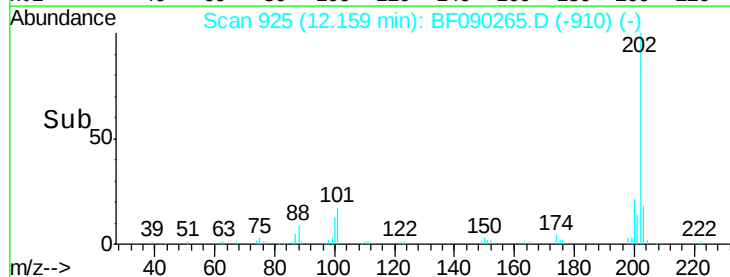
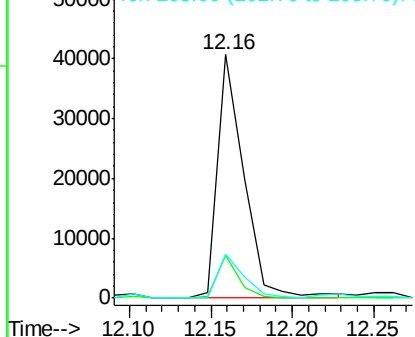


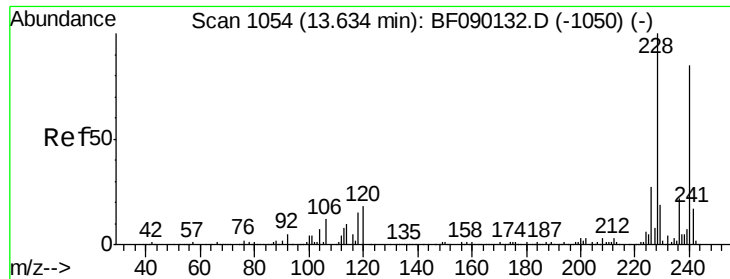
#74
Fluoranthene
Concen: 2.47 ng
RT: 12.16 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF090265.D
Acq: 27 Sep 2016 21:22

Tgt Ion:202 Resp: 45719
Ion Ratio Lower Upper
202 100
101 17.4 0.0 36.1
203 18.2 0.0 38.2



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: 13.58 min Scan# 1049

Delta R.T. -0.02 min

Lab File: BF090265.D

Acq: 27 Sep 2016 21:22

Instrument :

BNA_F

ClientSampleId :

S-2-2-LOC-2(10-15)

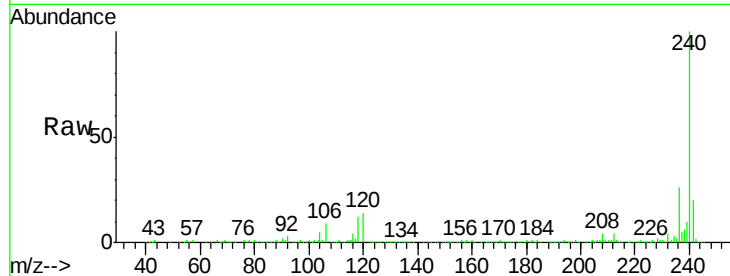
Tgt Ion:240 Resp: 287093

Ion Ratio Lower Upper

240 100

120 14.1 10.6 16.0

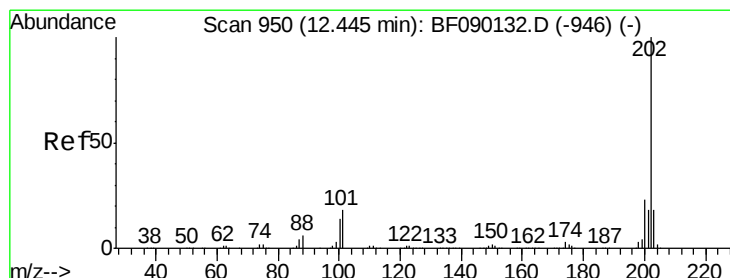
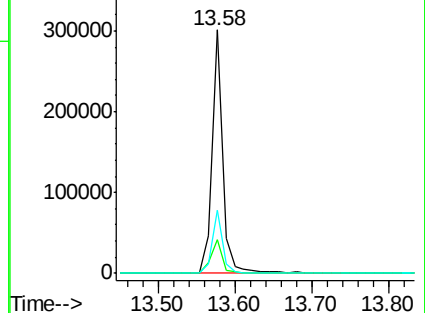
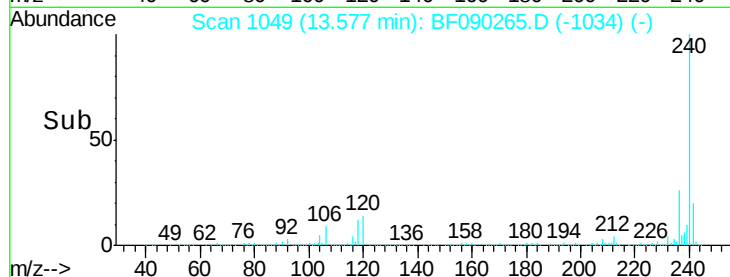
236 25.8 21.6 32.4



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: 2.38 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF090265.D

Acq: 27 Sep 2016 21:22

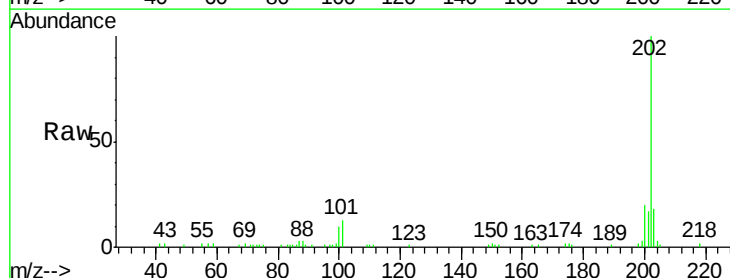
Tgt Ion:202 Resp: 46682

Ion Ratio Lower Upper

202 100

200 20.3 17.9 26.9

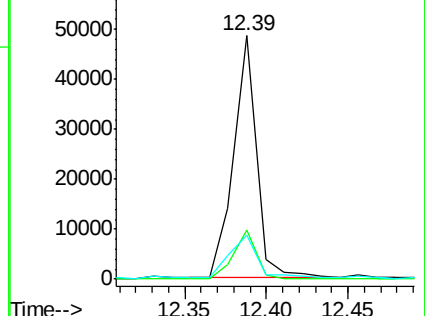
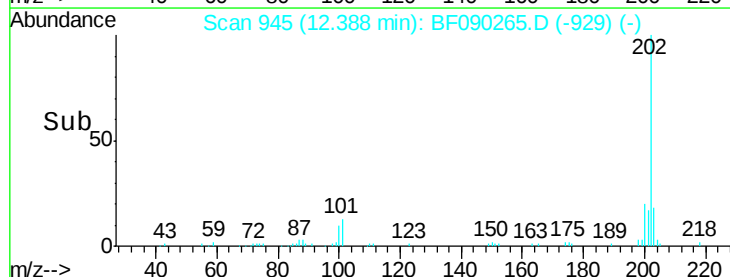
203 17.9 14.2 21.4

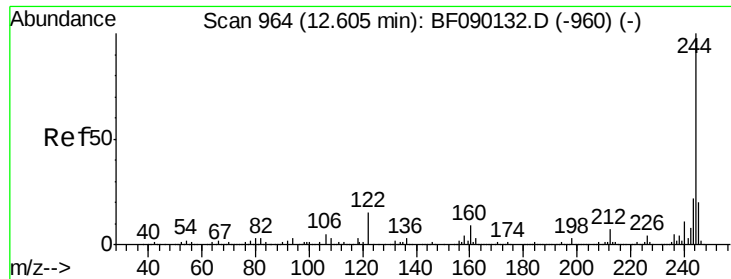


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

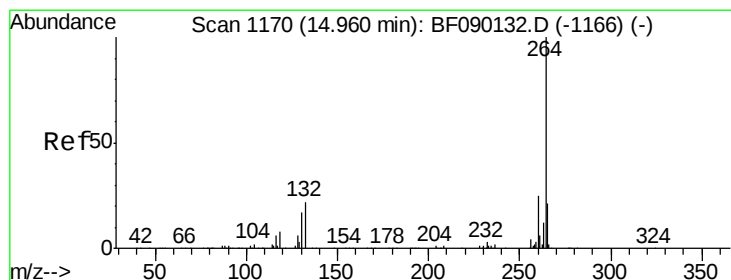
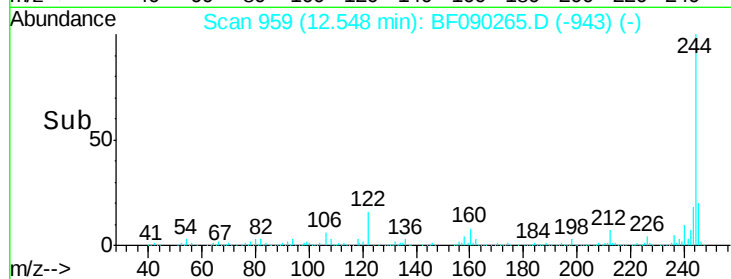
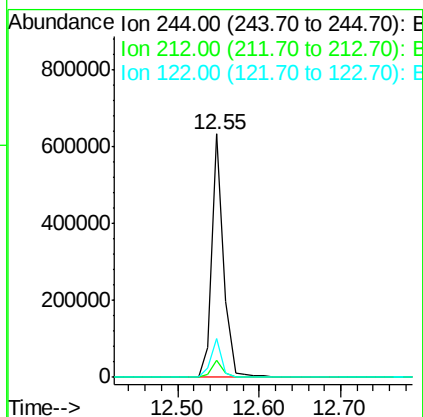
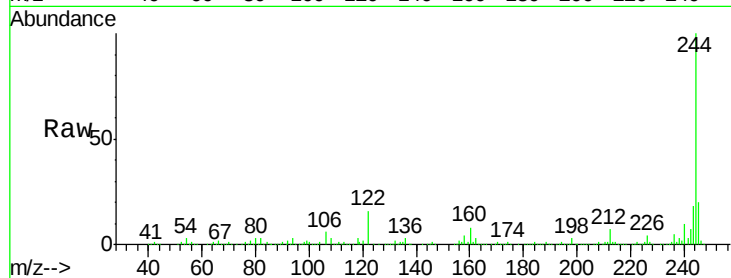




#78
 Terphenyl-d14
 Concen: 57.22 ng
 RT: 12.55 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF090265.D
 Acq: 27 Sep 2016 21:22

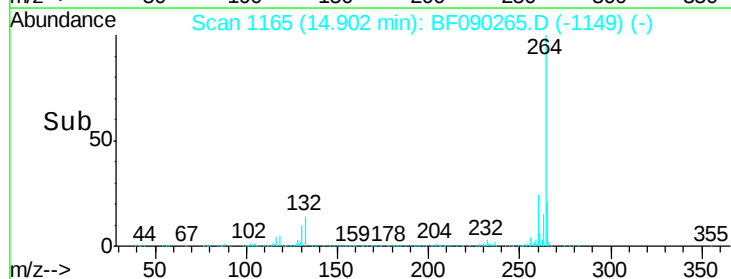
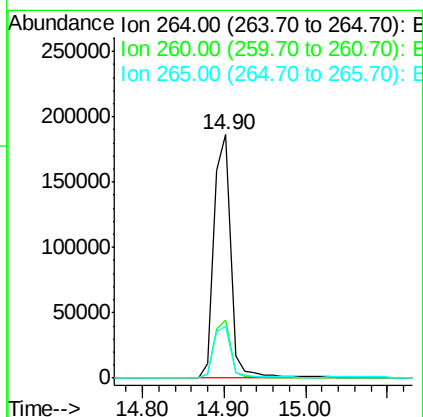
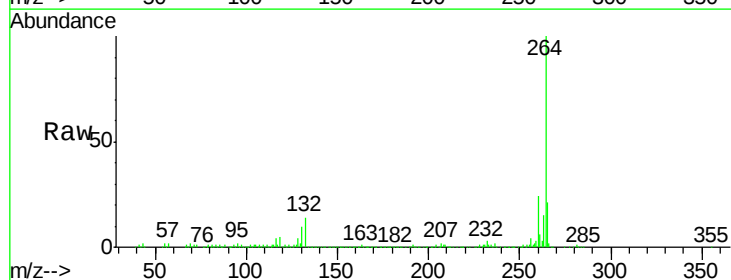
Instrument :
 BNA_F
 ClientSampleId :
 S-2-2-LOC-2(10-15)

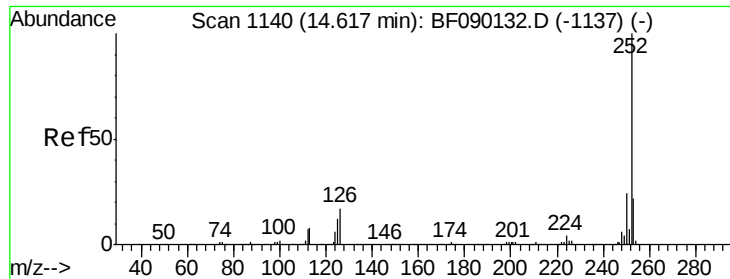
Tgt Ion:244 Resp: 647042
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 16.0 9.4 14.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.90 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF090265.D
 Acq: 27 Sep 2016 21:22

Tgt Ion:264 Resp: 270391
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.2 17.0 25.4





#87

Benzo(b)fluoranthene

Concen: 2.24 ng

RT: 14.56 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BF090265.D

Acq: 27 Sep 2016 21:22

Instrument :

BNA_F

ClientSampleId :

S-2-2-LOC-2(10-15)

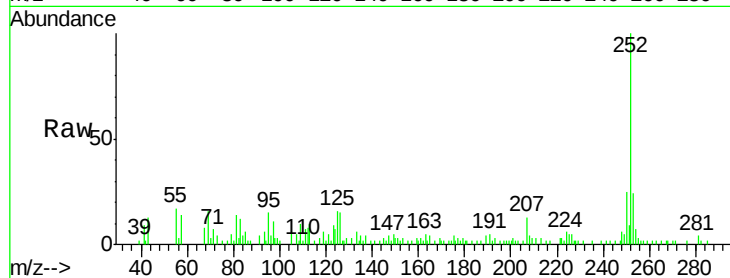
Tgt Ion:252 Resp: 33562

Ion Ratio Lower Upper

252 100

253 23.8 17.9 26.9

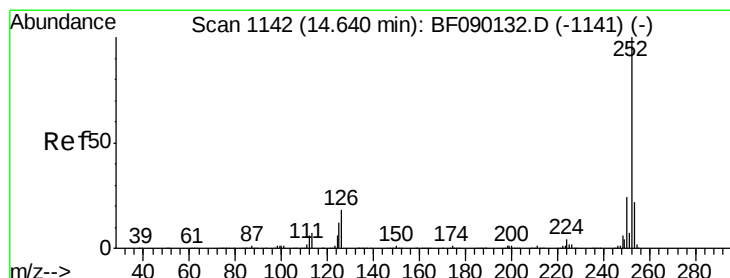
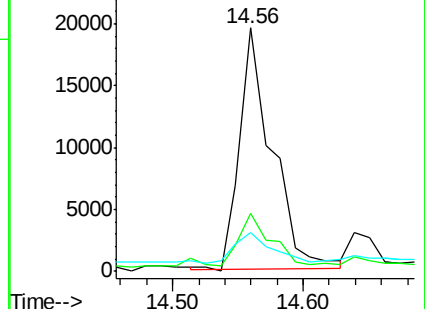
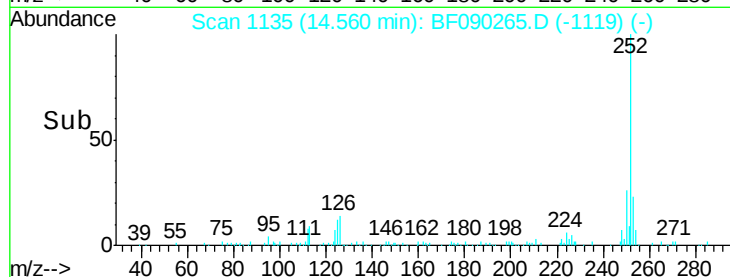
125 15.8 12.7 19.1



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



#88

Benzo(k)fluoranthene

Concen: 2.39 ng

RT: 14.56 min Scan# 1135

Delta R.T. -0.03 min

Lab File: BF090265.D

Acq: 27 Sep 2016 21:22

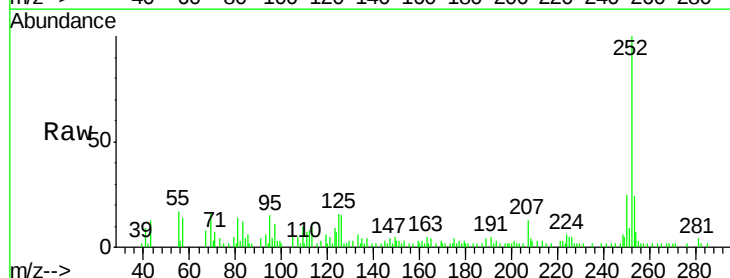
Tgt Ion:252 Resp: 33562

Ion Ratio Lower Upper

252 100

253 23.8 17.8 26.8

125 15.8 7.8 11.6#



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

