

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
 Data File : BF090019.D
 Acq On : 7 Sep 2016 21:59
 Operator : UM/SJ
 Sample : H4686-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-003

Quant Time: Sep 08 08:06:59 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
 Response via : Initial Calibration

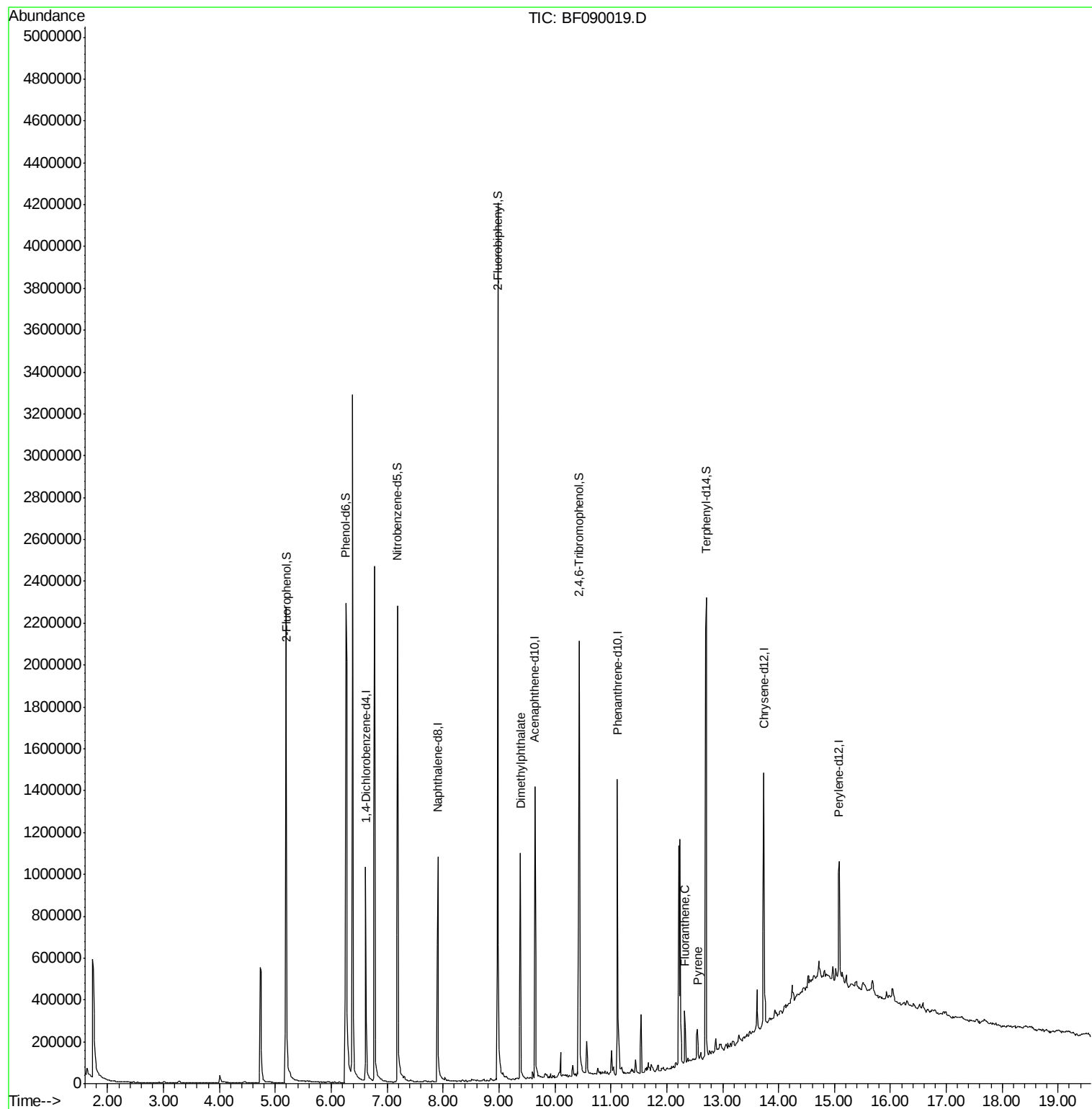
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	182547	20.00	ng	-0.02
21) Naphthalene-d8	7.91	136	730469	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	330057	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	562879	20.00	ng	-0.02
75) Chrysene-d12	13.74	240	435118	20.00	ng	-0.02
86) Perylene-d12	15.09	264	325581	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1064301	93.32	ng	-0.01
7) Phenol-d6	6.26	99	1441841	104.05	ng	-0.02
23) Nitrobenzene-d5	7.19	82	868875	68.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	290318	89.16	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1386267	68.95	ng	-0.02
78) Terphenyl-d14	12.71	244	1084229	61.55	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.38	163	490098	20.54	ng	98
74) Fluoranthene	12.32	202	78646	2.68	ng	96
77) Pyrene	12.55	202	83432	2.72	ng	98

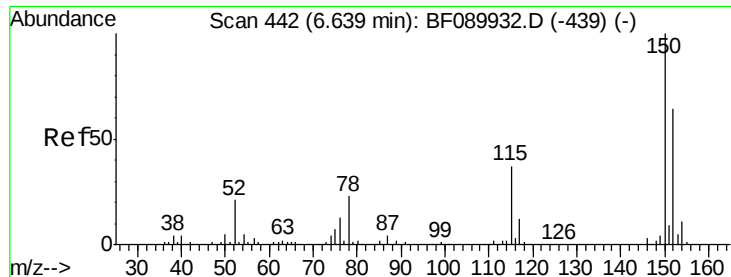
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF090019.D

Acq: 7 Sep 2016 21:59

Instrument :

BNA_F

ClientSampled :

SP-003

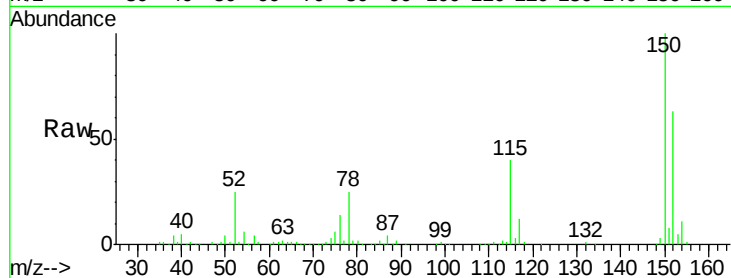
Tgt Ion:152 Resp: 182547

Ion Ratio Lower Upper

152 100

150 159.6 127.4 191.2

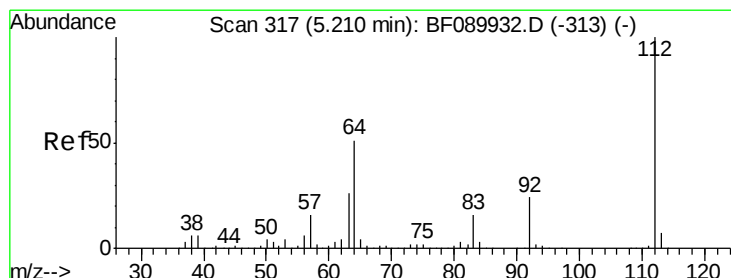
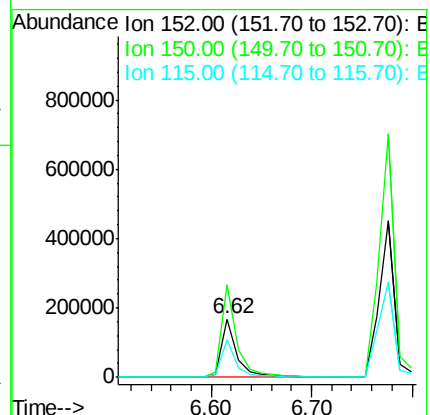
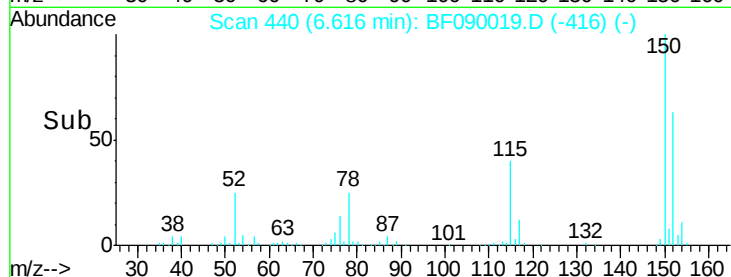
115 64.0 46.3 69.5



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: 93.32 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.01 min

Lab File: BF090019.D

Acq: 7 Sep 2016 21:59

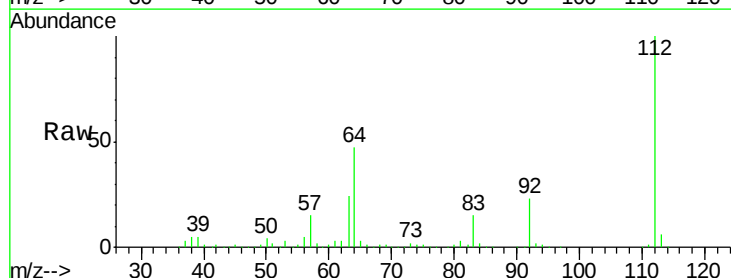
Tgt Ion:112 Resp: 1064301

Ion Ratio Lower Upper

112 100

64 47.2 41.1 61.7

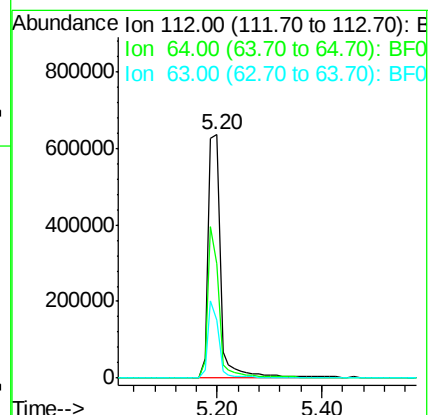
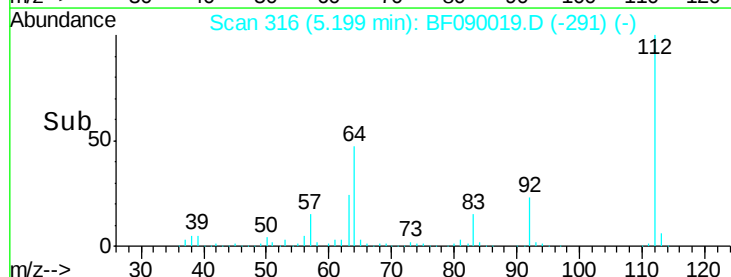
63 24.1 21.2 31.8

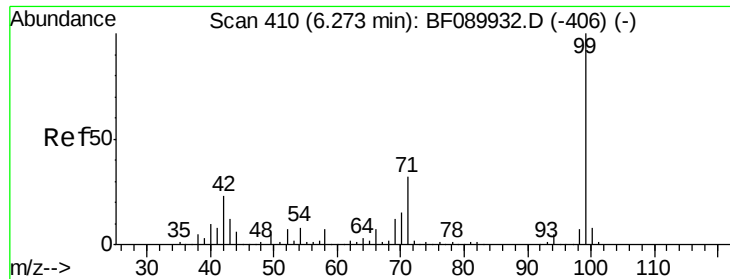


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.05 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF090019.D

Acq: 7 Sep 2016 21:59

Instrument :

BNA_F

ClientSampleId :

SP-003

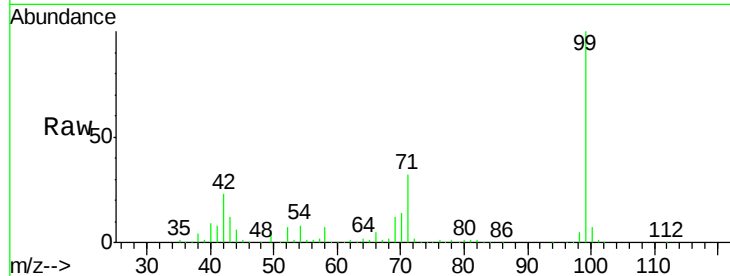
Tgt Ion: 99 Resp: 1441841

Ion Ratio Lower Upper

99 100

42 23.3 18.6 27.8

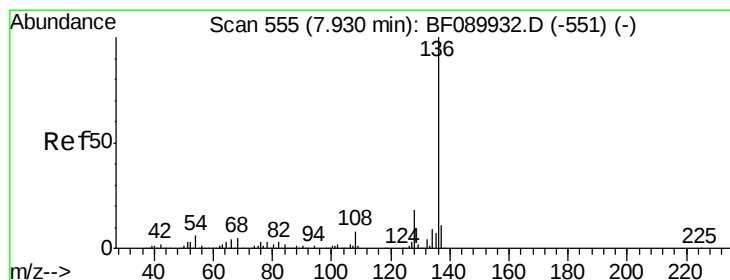
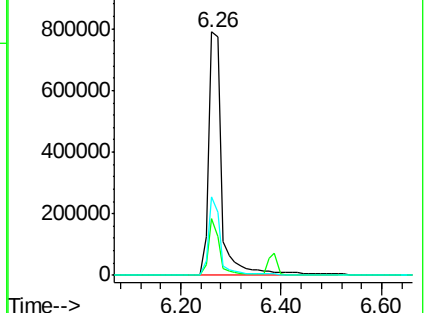
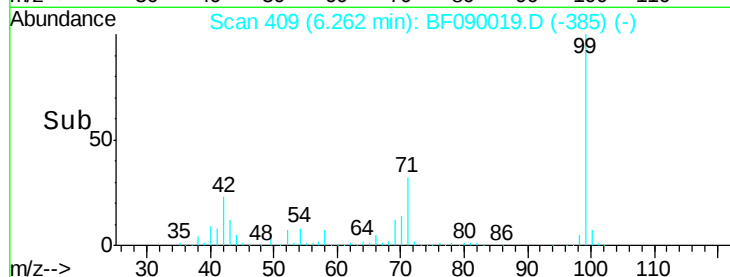
71 32.2 25.8 38.6



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. -0.02 min

Lab File: BF090019.D

Acq: 7 Sep 2016 21:59

Tgt Ion: 136 Resp: 730469

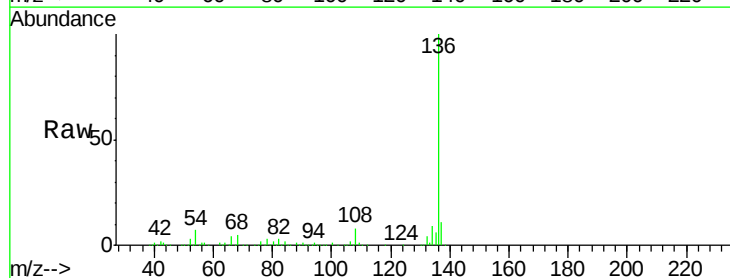
Ion Ratio Lower Upper

136 100

137 10.5 8.3 12.5

54 6.5 4.8 7.2

68 4.8 3.7 5.5

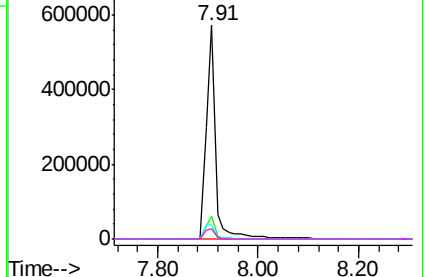
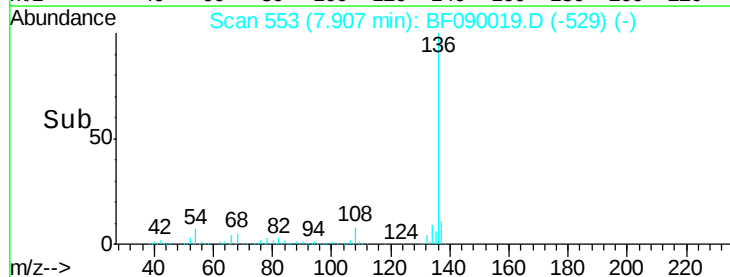


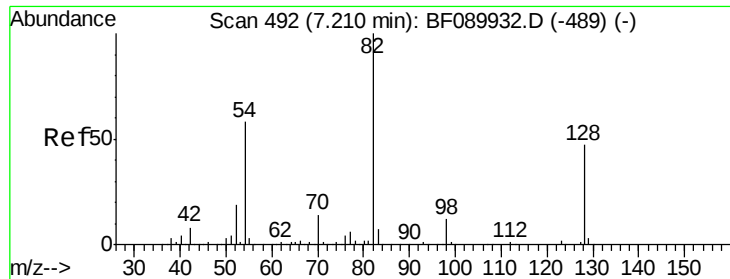
Abundance Ion 136.00 (135.70 to 136.70): E

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

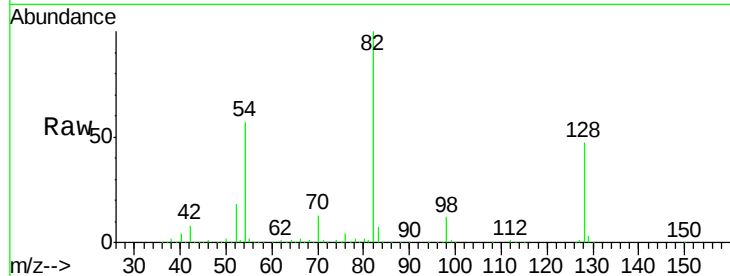




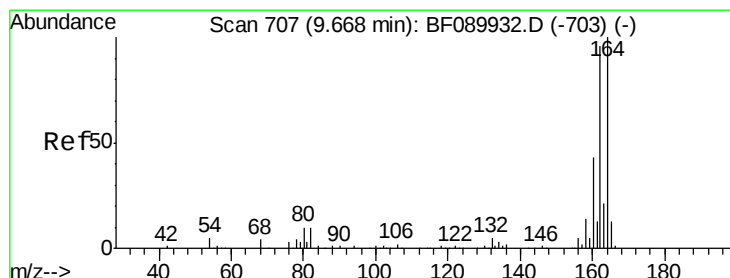
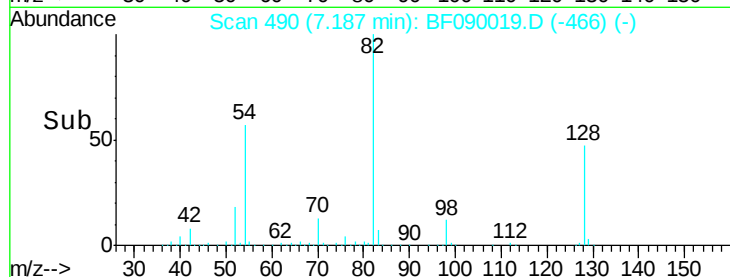
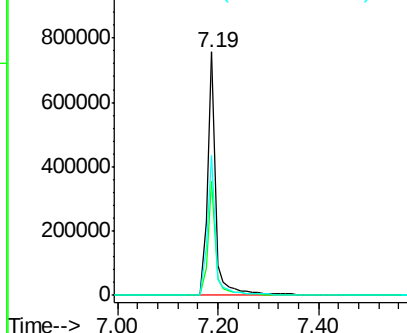
#23
 Nitrobenzene-d5
 Concen: 68.98 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.02 min
 Lab File: BF090019.D
 Acq: 7 Sep 2016 21:59

Instrument :
 BNA_F
 ClientSampled :
 SP-003

Tgt Ion: 82 Resp: 868875
 Ion Ratio Lower Upper
 82 100
 128 47.1 37.8 56.8
 54 57.2 46.9 70.3

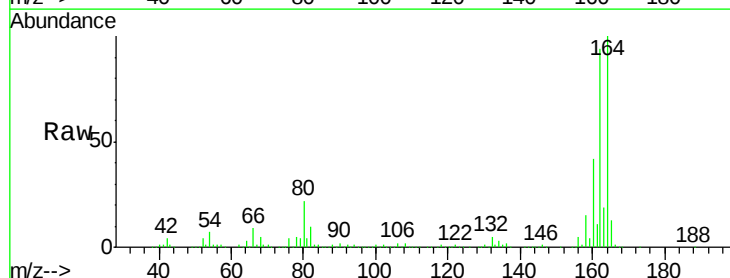


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

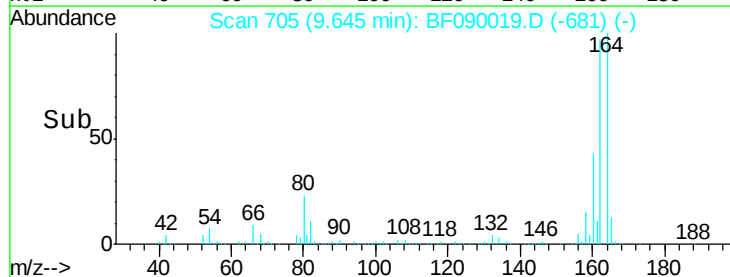
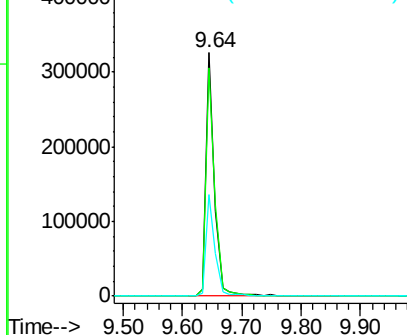


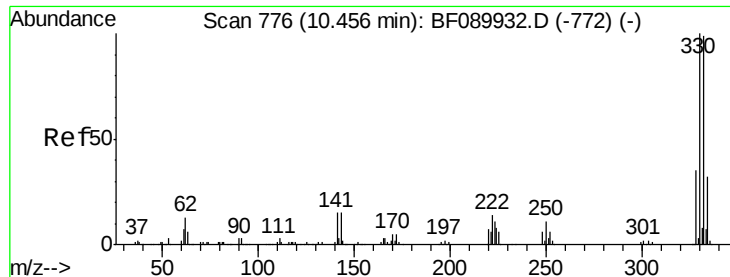
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF090019.D
 Acq: 7 Sep 2016 21:59

Tgt Ion: 164 Resp: 330057
 Ion Ratio Lower Upper
 164 100
 162 94.0 77.1 115.7
 160 41.6 35.3 52.9



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

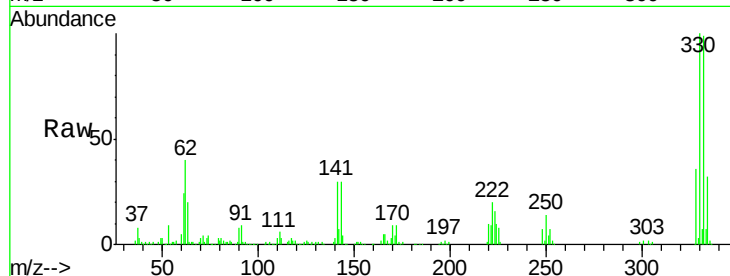




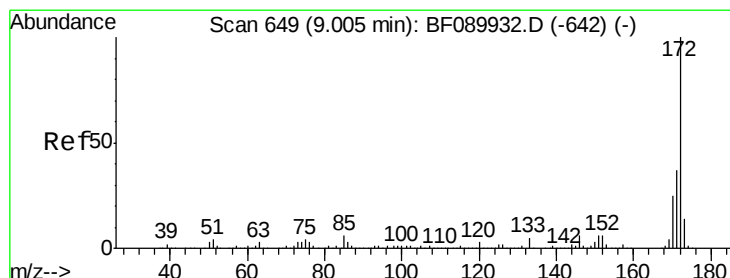
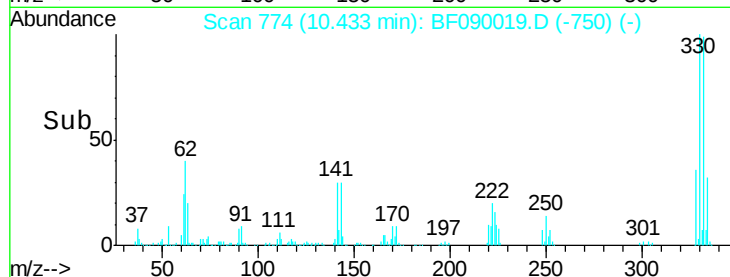
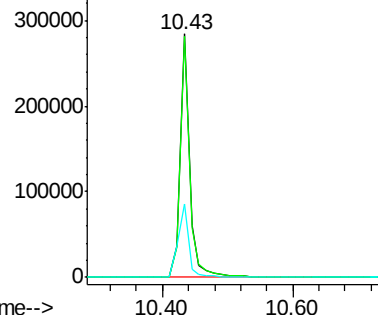
#41
 2,4,6-Tribromophenol
 Concen: 89.16 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF090019.D
 Acq: 7 Sep 2016 21:59

Instrument :
 BNA_F
 ClientSampleId :
 SP-003

Tgt Ion:330 Resp: 290318
 Ion Ratio Lower Upper
 330 100
 332 98.1 78.6 117.8
 141 34.8 23.3 34.9

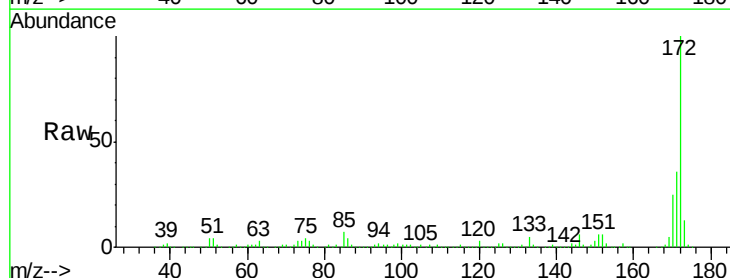


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

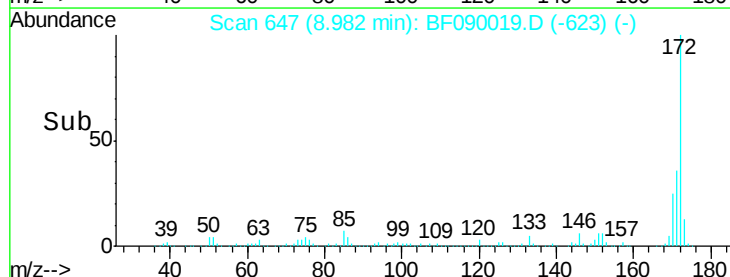
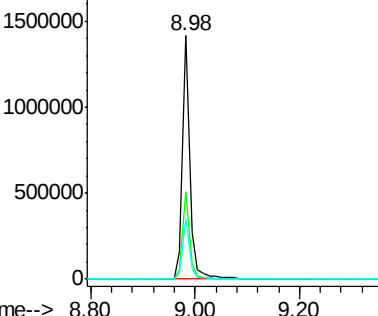


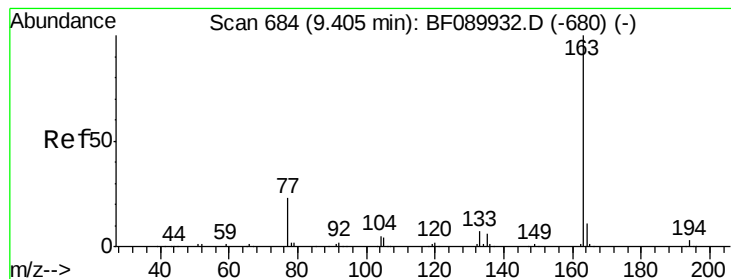
#44
 2-Fluorobiphenyl
 Concen: 68.95 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF090019.D
 Acq: 7 Sep 2016 21:59

Tgt Ion:172 Resp: 1386267
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.2
 170 25.1 20.1 30.1



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: 20.54 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.03 min

Lab File: BF090019.D

Acq: 7 Sep 2016 21:59

Instrument :

BNA_F

ClientSampleId :

SP-003

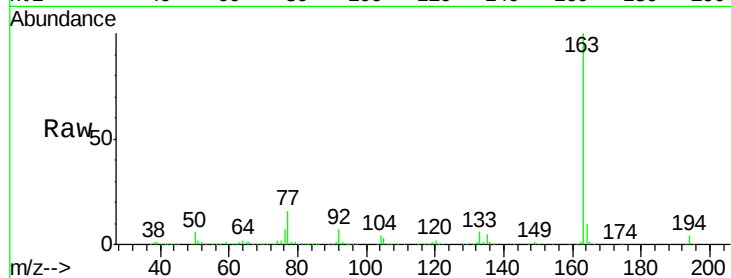
Tgt Ion:163 Resp: 490098

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

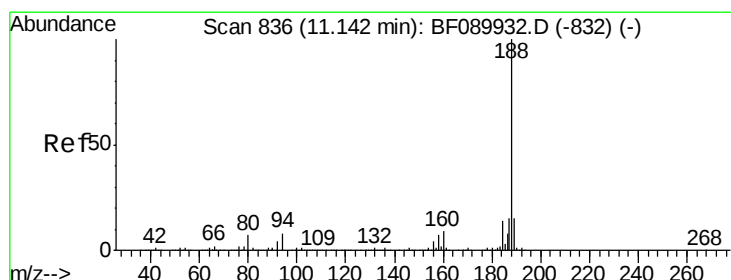
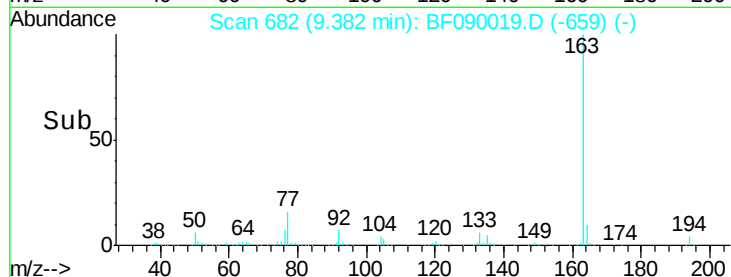
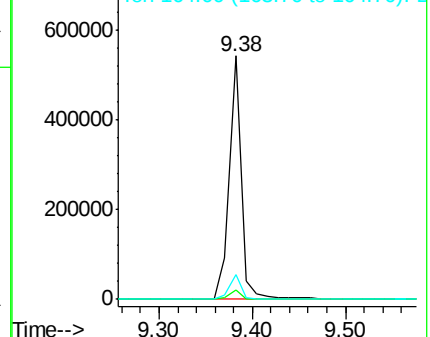
164 10.3 9.0 13.4



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: 11.12 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF090019.D

Acq: 7 Sep 2016 21:59

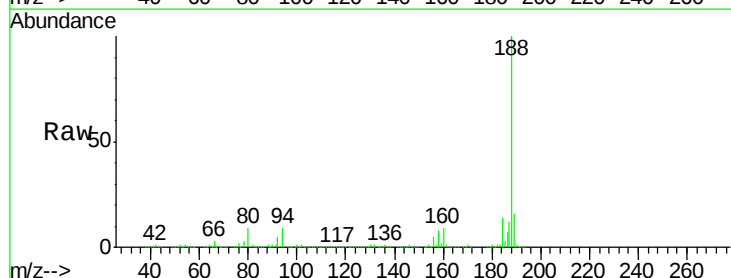
Tgt Ion:188 Resp: 562879

Ion Ratio Lower Upper

188 100

94 9.3 5.9 8.9#

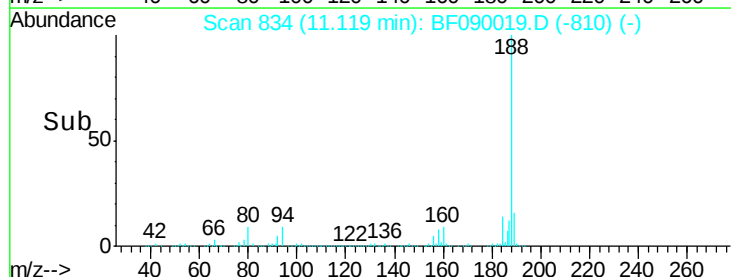
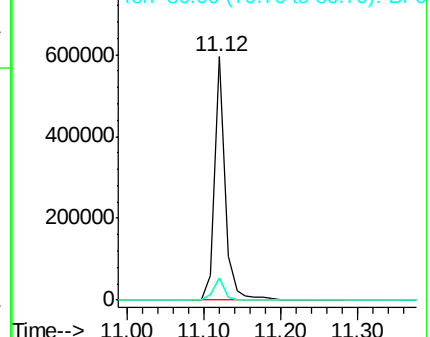
80 9.1 5.8 8.8#

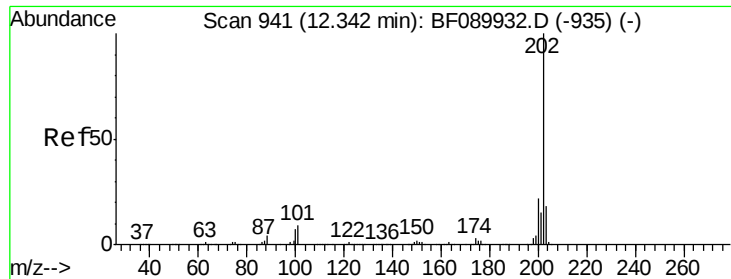


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.68 ng

RT: 12.32 min Scan# 939

Delta R.T. -0.02 min

Lab File: BF090019.D

Acq: 7 Sep 2016 21:59

Instrument :

BNA_F

ClientSampleId :

SP-003

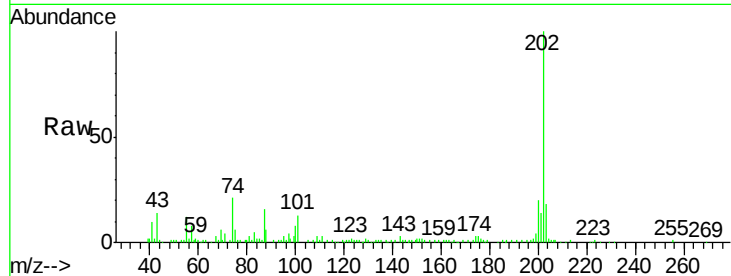
Tgt Ion:202 Resp: 78646

Ion Ratio Lower Upper

202 100

101 12.7 0.0 28.5

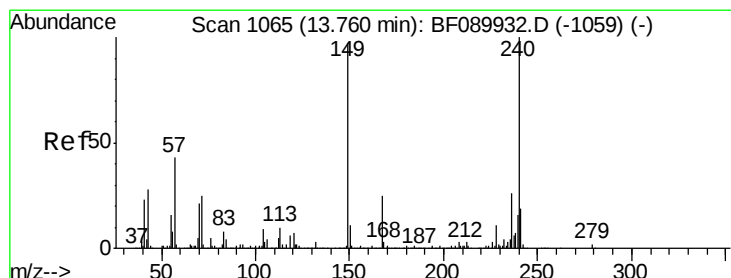
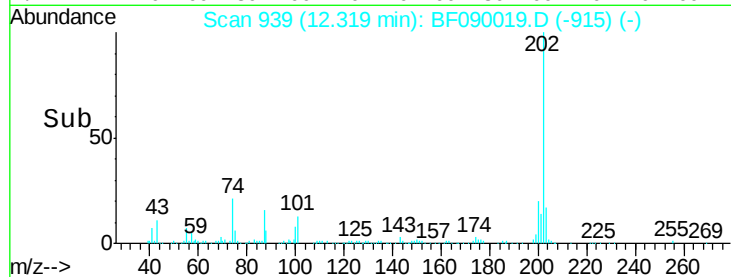
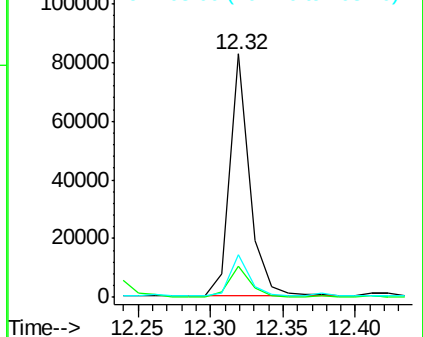
203 17.7 0.0 38.0



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: 13.74 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BF090019.D

Acq: 7 Sep 2016 21:59

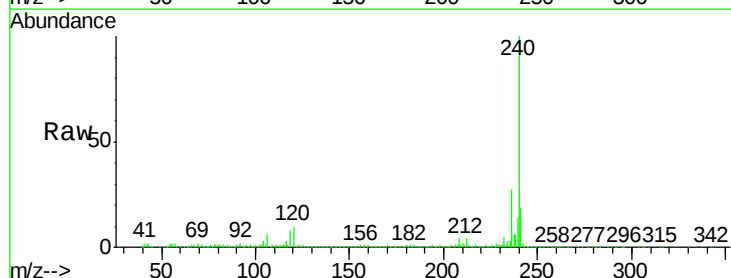
Tgt Ion:240 Resp: 435118

Ion Ratio Lower Upper

240 100

120 9.8 5.7 8.5#

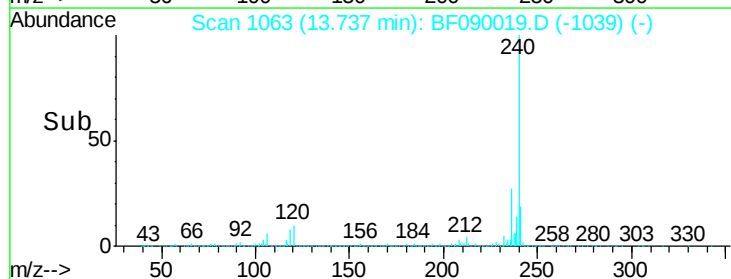
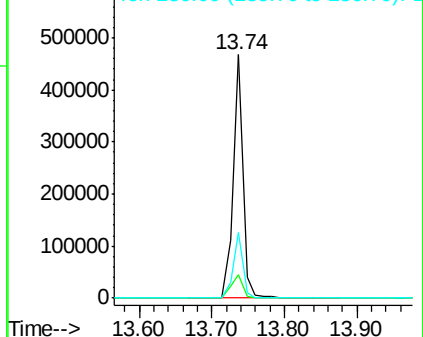
236 27.0 21.3 31.9

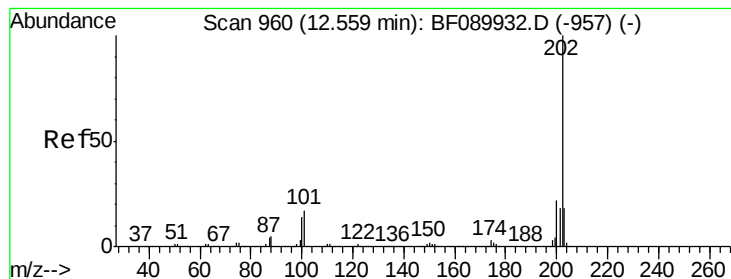


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 2.72 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF090019.D

Acq: 7 Sep 2016 21:59

Instrument :

BNA_F

ClientSampleId :

SP-003

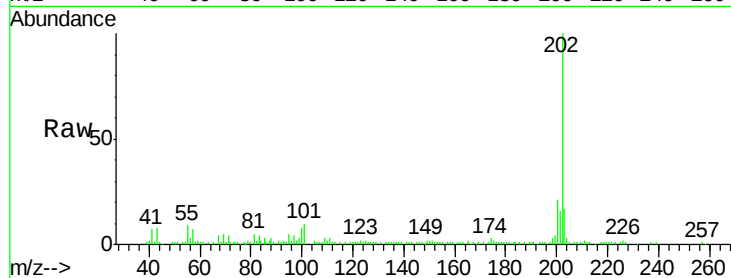
Tgt Ion:202 Resp: 83432

Ion Ratio Lower Upper

202 100

200 21.2 17.6 26.4

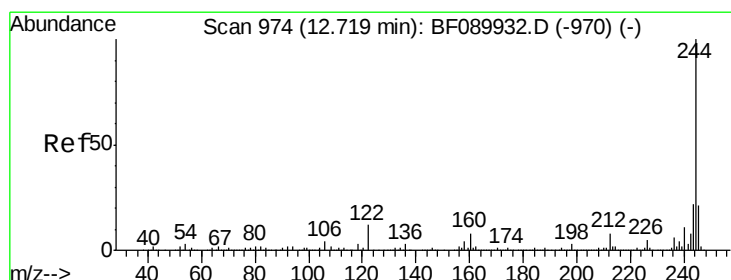
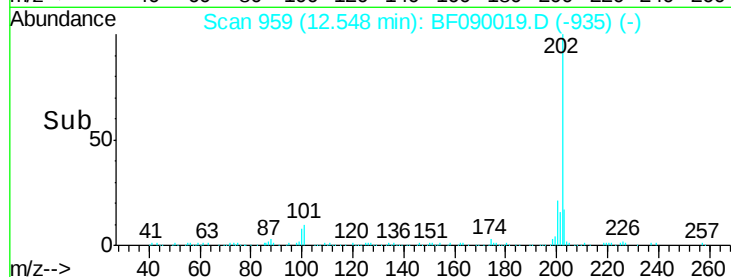
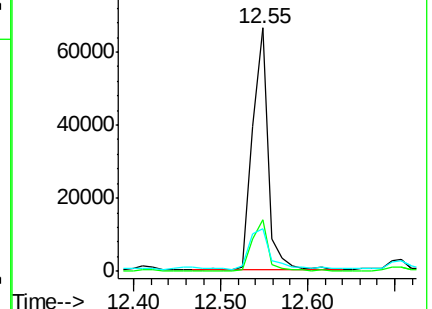
203 17.3 14.6 21.8



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: 61.55 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF090019.D

Acq: 7 Sep 2016 21:59

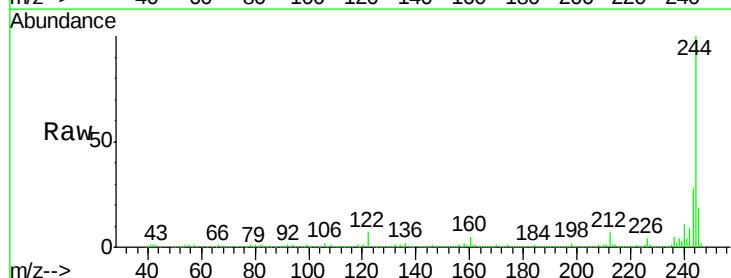
Tgt Ion:244 Resp: 1084229

Ion Ratio Lower Upper

244 100

212 6.6 6.1 9.1

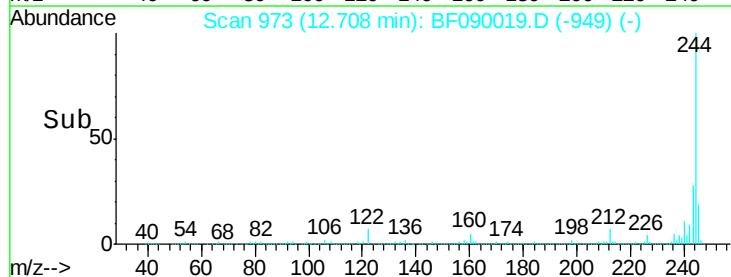
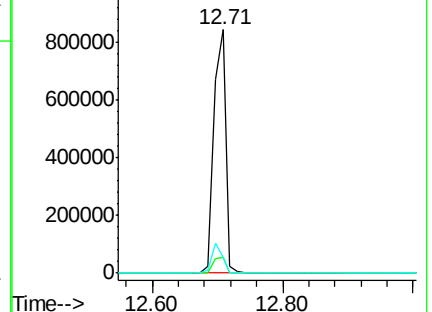
122 6.6 9.6 14.4#

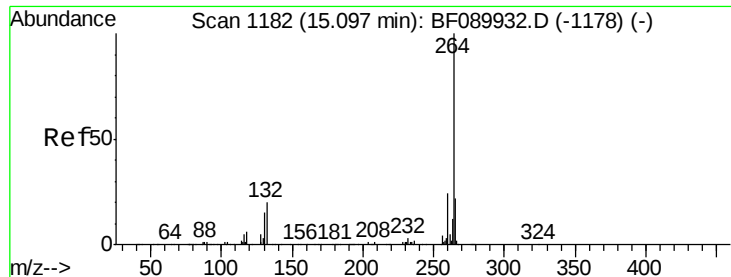


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

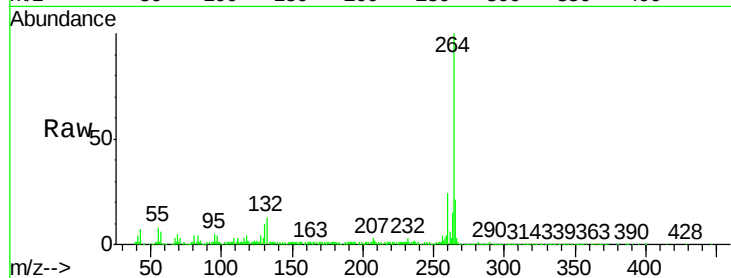




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF090019.D
Acq: 7 Sep 2016 21:59

Instrument :
BNA_F
ClientSampleId :
SP-003

Tgt Ion: 264 Resp: 325581
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.0
265 21.3 17.4 26.2



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

