

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
 Data File : BF090018.D
 Acq On : 7 Sep 2016 21:30
 Operator : UM/SJ
 Sample : H4686-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-002

Quant Time: Sep 08 07:58:11 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

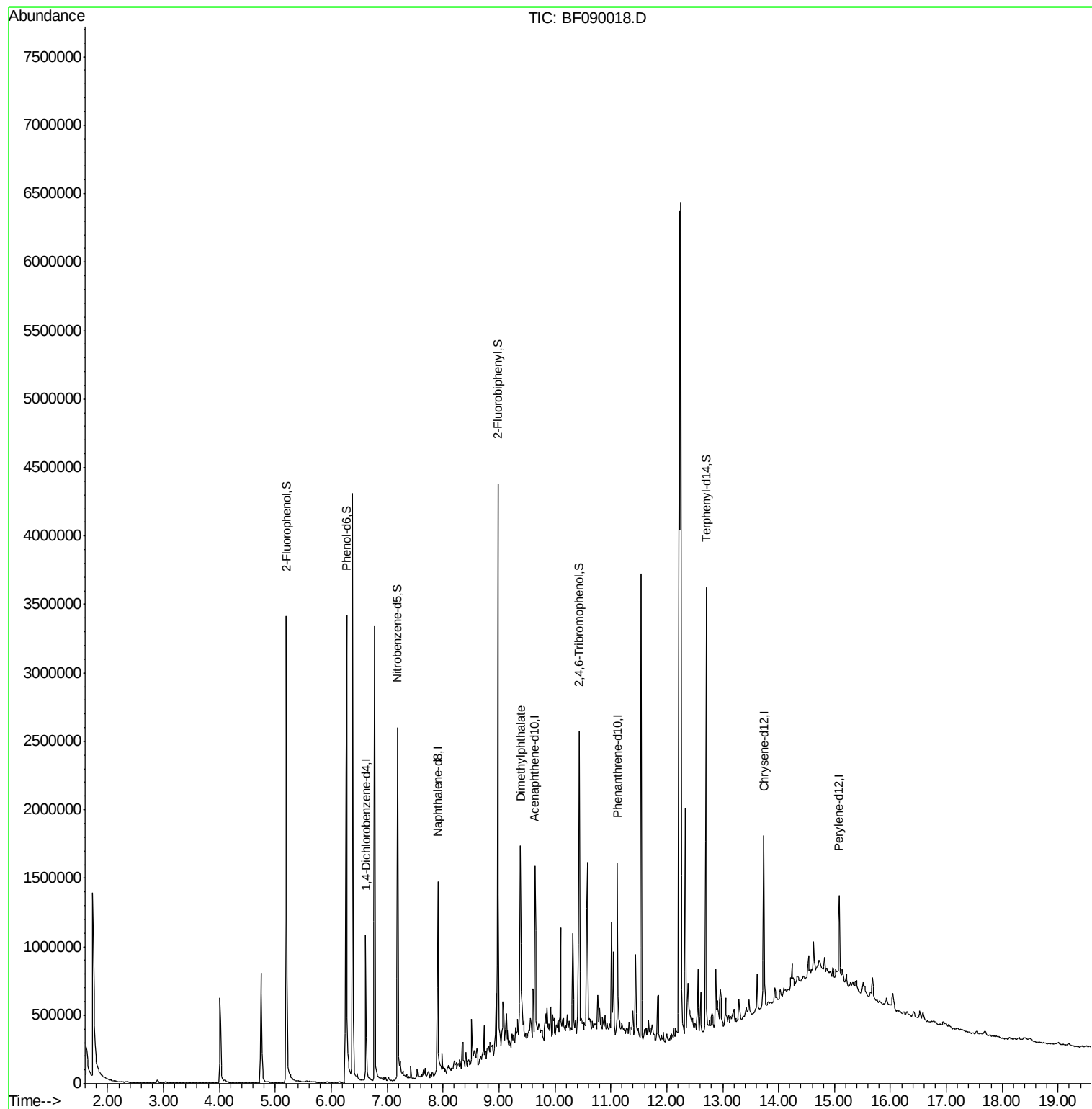
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	194060	20.00	ng	-0.02
21) Naphthalene-d8	7.91	136	726293	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	306579	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	512725	20.00	ng	-0.02
75) Chrysene-d12	13.74	240	439361	20.00	ng	-0.02
86) Perylene-d12	15.09	264	308651	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1234195	101.80	ng	-0.01
7) Phenol-d6	6.27	99	1790522	121.54	ng	-0.01
23) Nitrobenzene-d5	7.19	82	984801	78.64	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	301336	99.63	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1550286	83.01	ng	-0.02
78) Terphenyl-d14	12.71	244	1190069	66.91	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.38	163	543909	24.55	ng	Qvalue 99

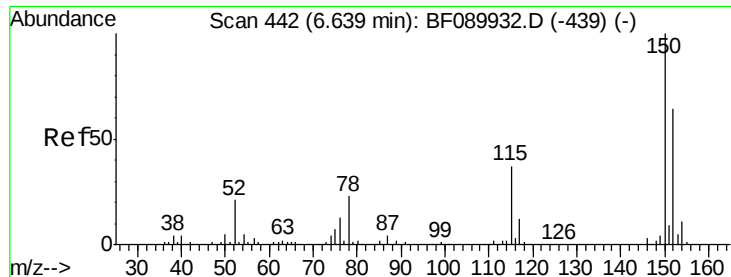
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090018.D

Acq: 7 Sep 2016 21:30

Instrument :

BNA_F

ClientSampleId :

SP-002

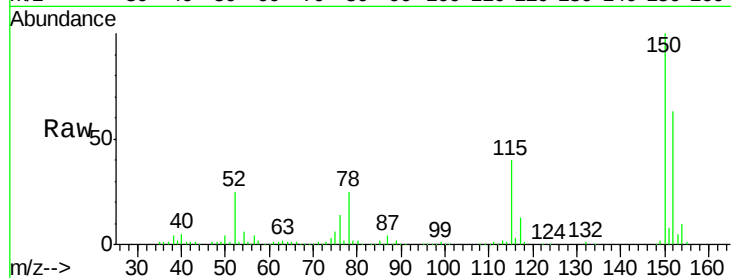
Tgt Ion:152 Resp: 194060

Ion Ratio Lower Upper

152 100

150 158.5 127.4 191.2

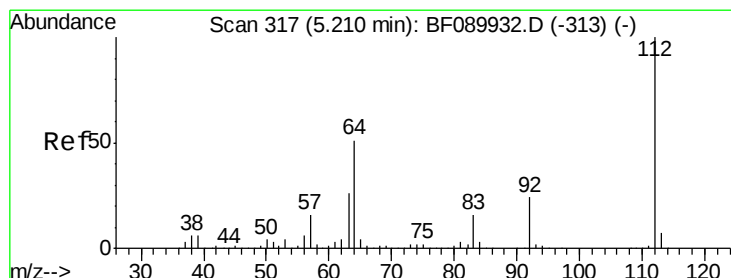
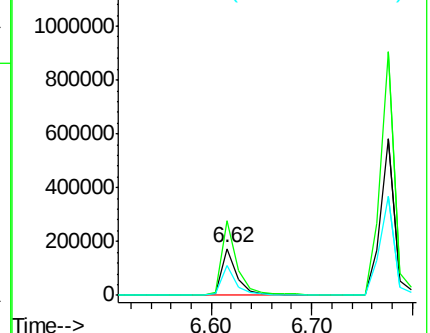
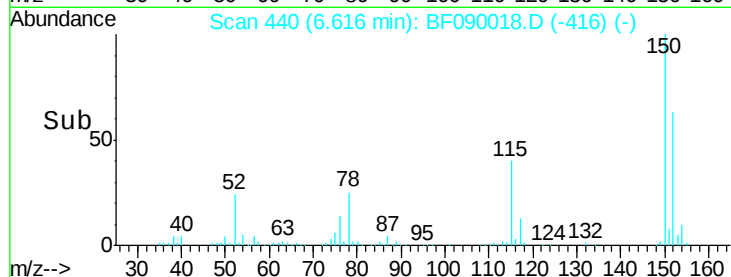
115 62.8 46.3 69.5



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: 101.80 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.01 min

Lab File: BF090018.D

Acq: 7 Sep 2016 21:30

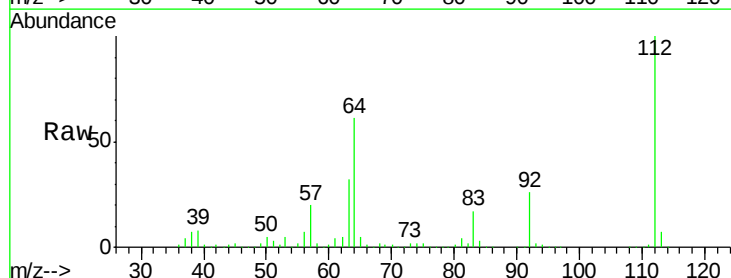
Tgt Ion:112 Resp: 1234195

Ion Ratio Lower Upper

112 100

64 61.4 41.1 61.7

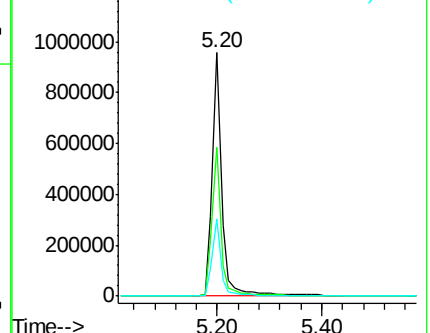
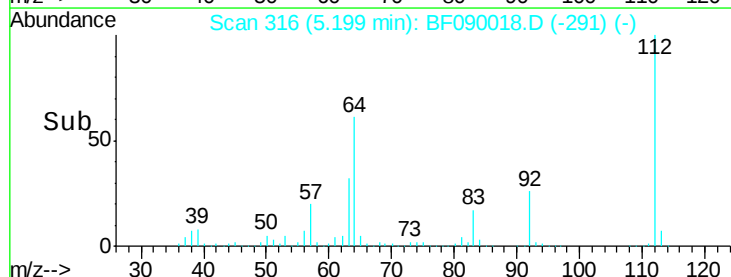
63 31.7 21.2 31.8

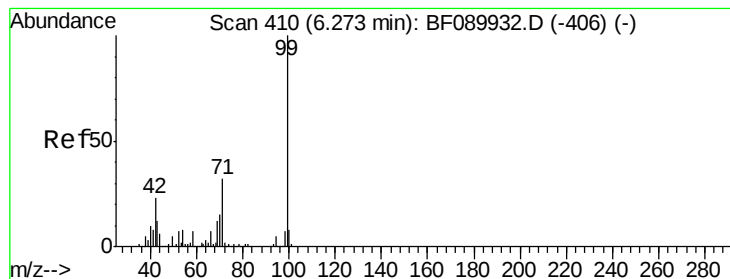


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 121.54 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF090018.D

Acq: 7 Sep 2016 21:30

Instrument :

BNA_F

ClientSampleId :

SP-002

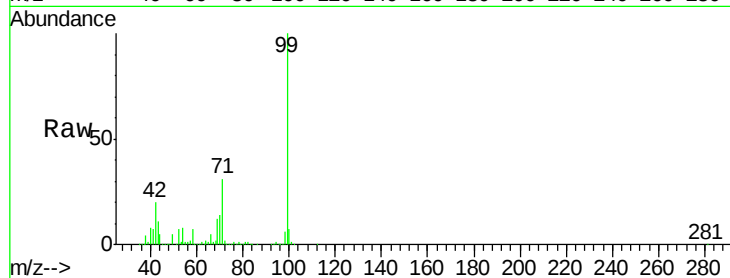
Tgt Ion: 99 Resp: 1790522

Ion Ratio Lower Upper

99 100

42 20.4 18.6 27.8

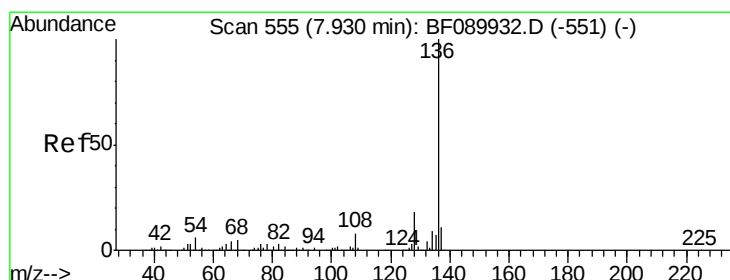
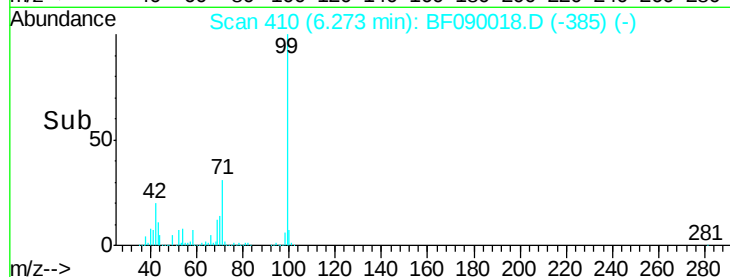
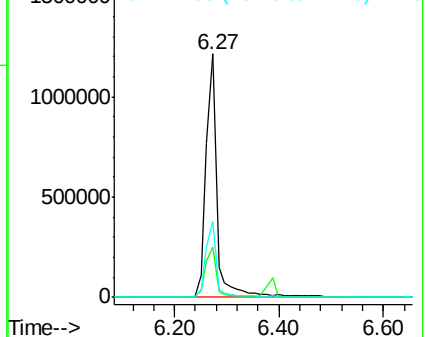
71 31.0 25.8 38.6



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: BF090018.D

Acq: 7 Sep 2016 21:30

Tgt Ion: 136 Resp: 726293

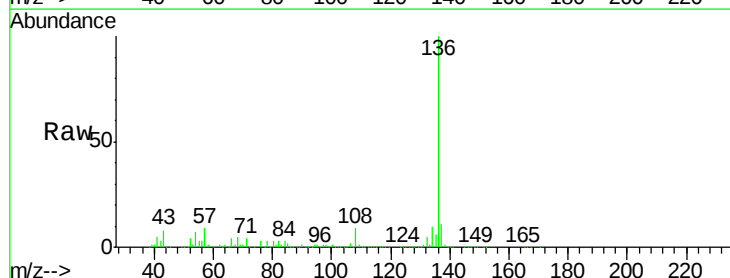
Ion Ratio Lower Upper

136 100

137 10.9 8.3 12.5

54 7.3 4.8 7.2#

68 5.2 3.7 5.5

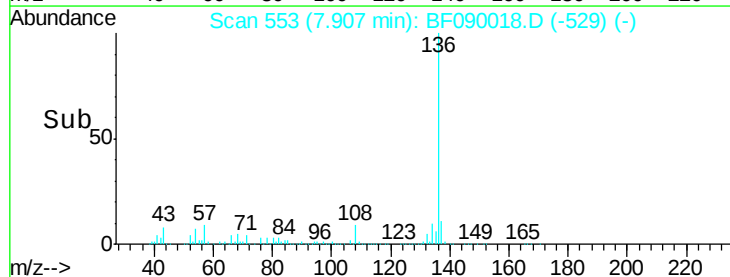
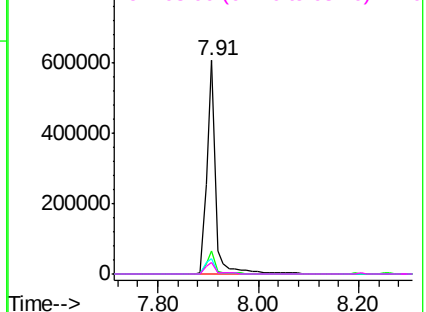


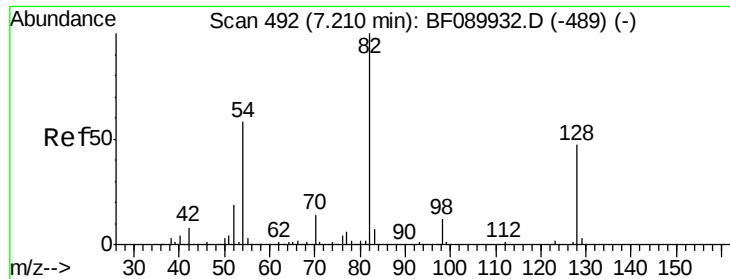
Abundance Ion 136.00 (135.70 to 136.70): E

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

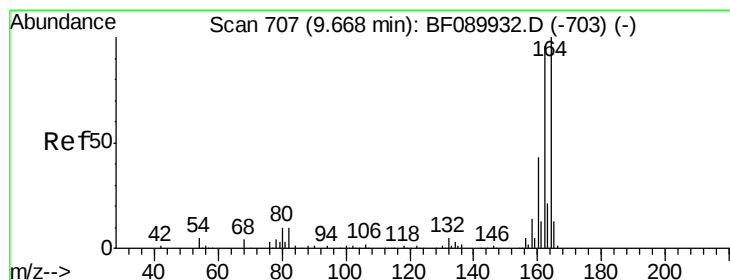
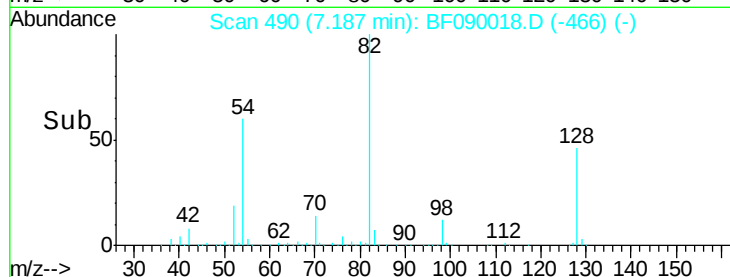
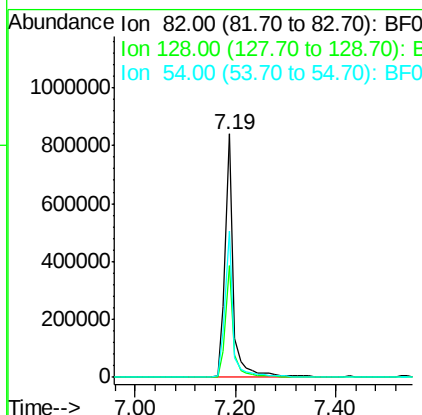
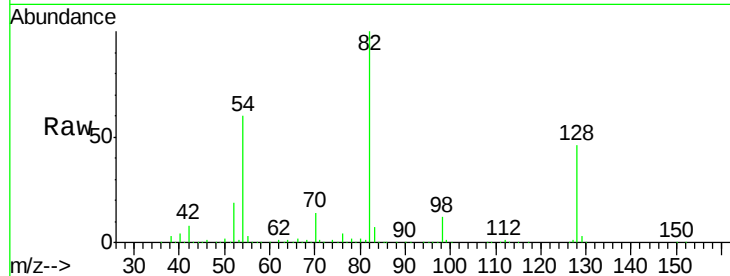




#23
 Nitrobenzene-d5
 Concen: 78.64 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.02 min
 Lab File: BF090018.D
 Acq: 7 Sep 2016 21:30

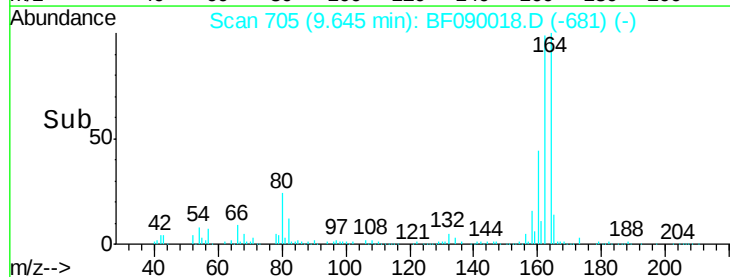
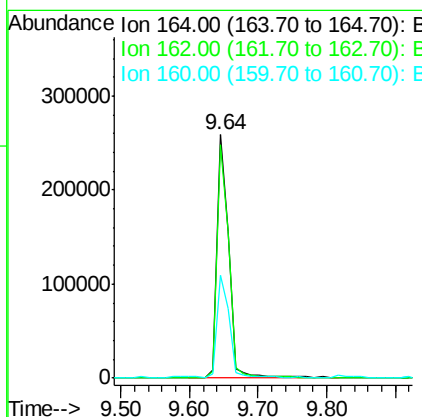
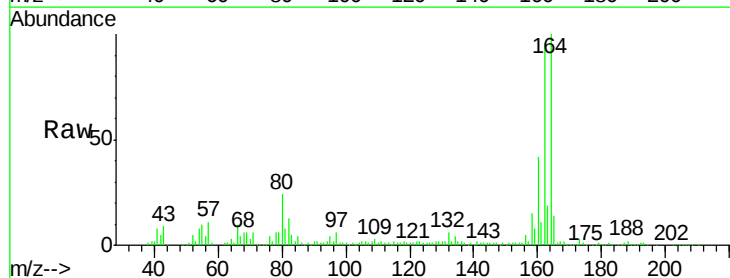
Instrument :
 BNA_F
 ClientSampleId :
 SP-002

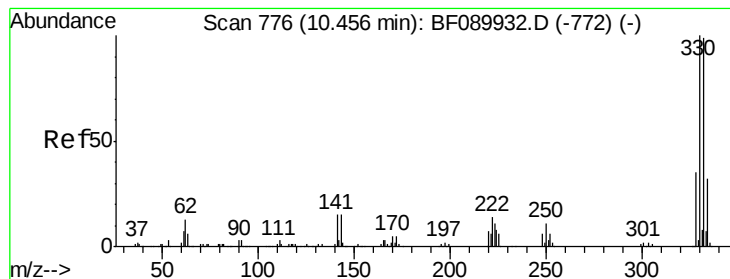
Tgt Ion: 82 Resp: 984801
 Ion Ratio Lower Upper
 82 100
 128 46.1 37.8 56.8
 54 60.2 46.9 70.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF090018.D
 Acq: 7 Sep 2016 21:30

Tgt Ion: 164 Resp: 306579
 Ion Ratio Lower Upper
 164 100
 162 95.7 77.1 115.7
 160 42.2 35.3 52.9

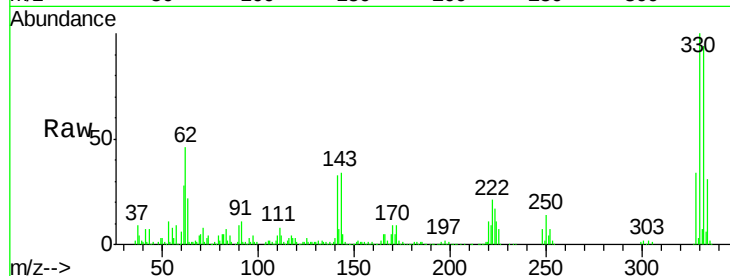




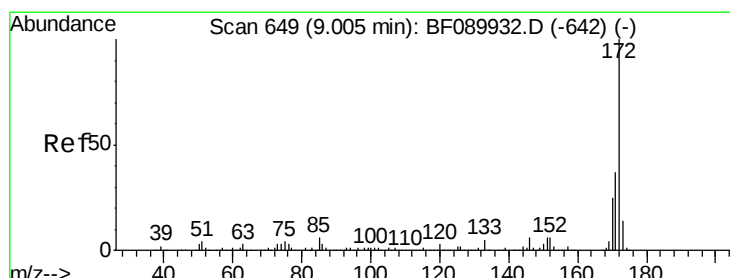
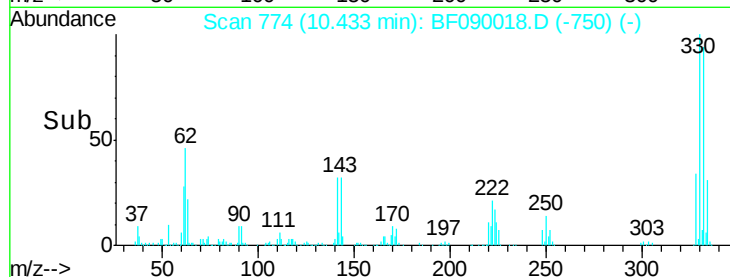
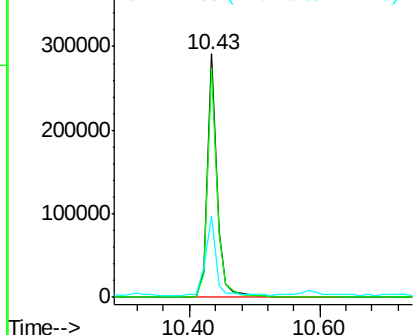
#41
 2,4,6-Tribromophenol
 Concen: 99.63 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF090018.D
 Acq: 7 Sep 2016 21:30

Instrument :
 BNA_F
 ClientSampleId :
 SP-002

Tgt Ion:330 Resp: 301336
 Ion Ratio Lower Upper
 330 100
 332 94.3 78.6 117.8
 141 34.5 23.3 34.9

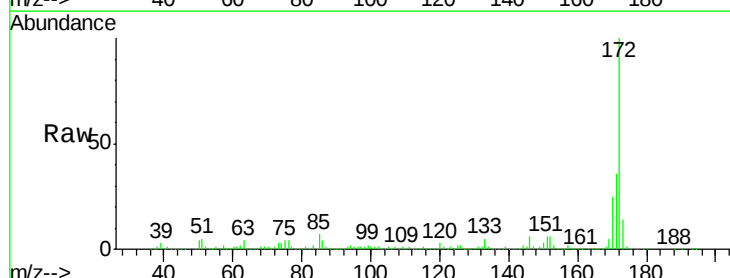


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

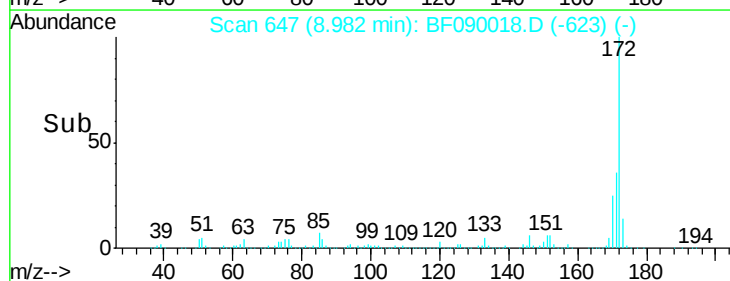
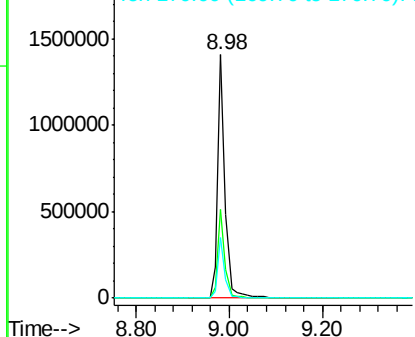


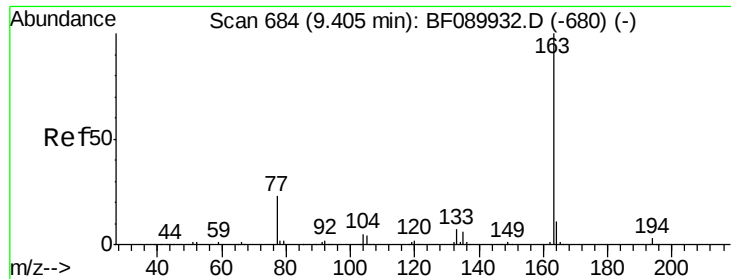
#44
 2-Fluorobiphenyl
 Concen: 83.01 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF090018.D
 Acq: 7 Sep 2016 21:30

Tgt Ion:172 Resp: 1550286
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.2
 170 24.7 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

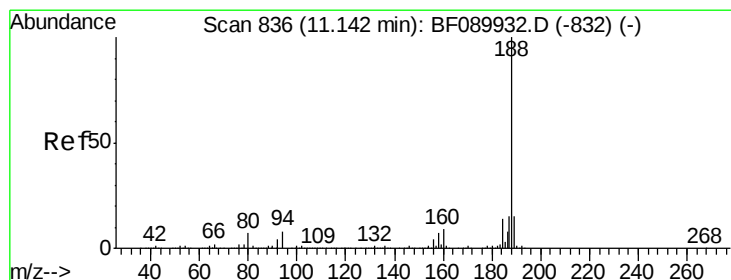
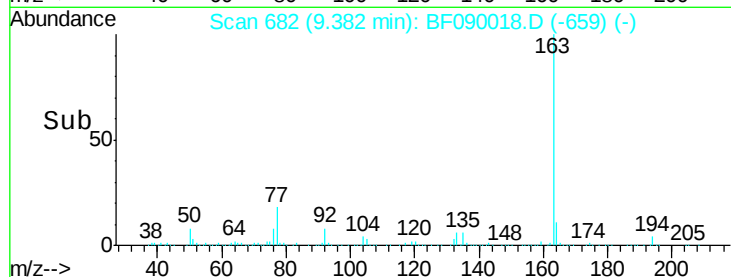
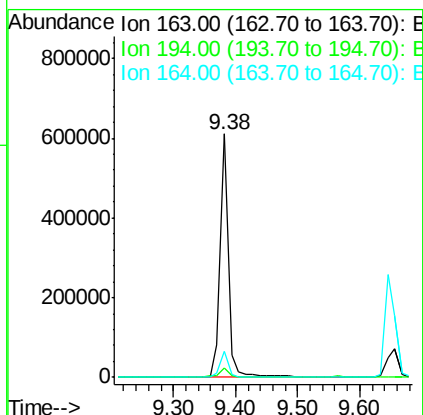
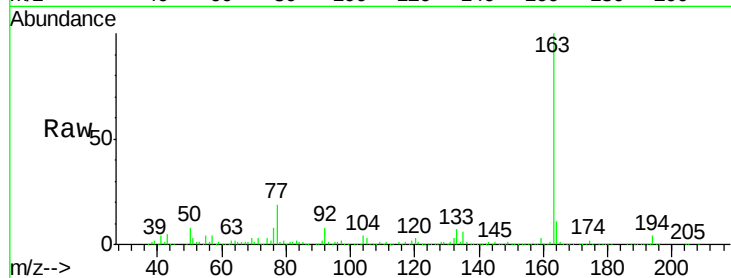




#49
Dimethylphthalate
Concen: 24.55 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF090018.D
Acq: 7 Sep 2016 21:30

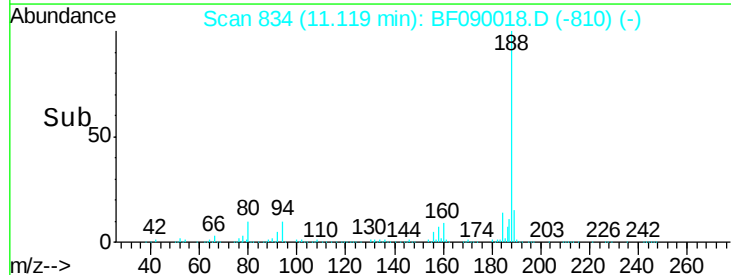
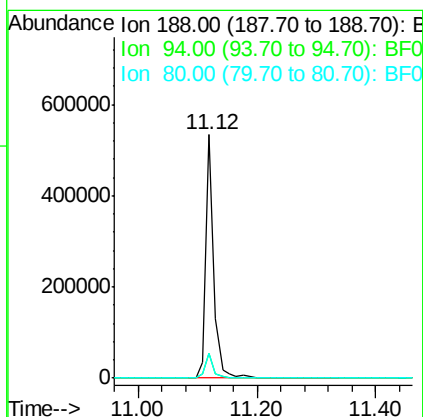
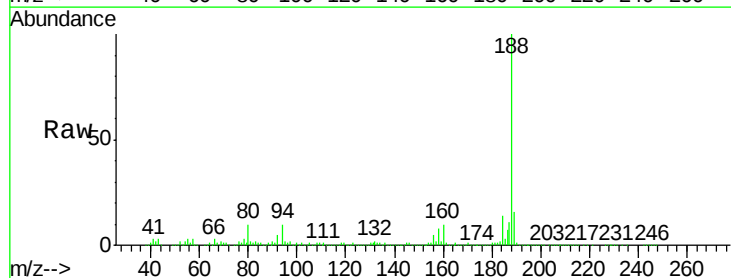
Instrument :
BNA_F
ClientSampleId :
SP-002

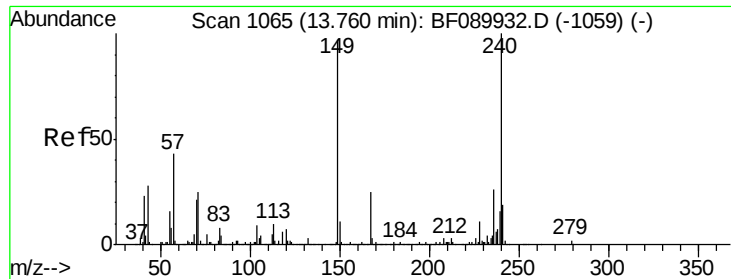
Tgt Ion:163 Resp: 543909
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.9 9.0 13.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF090018.D
Acq: 7 Sep 2016 21:30

Tgt Ion:188 Resp: 512725
Ion Ratio Lower Upper
188 100
94 10.0 5.9 8.9#
80 10.1 5.8 8.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BF090018.D

Acq: 7 Sep 2016 21:30

Instrument :

BNA_F

ClientSampleId :

SP-002

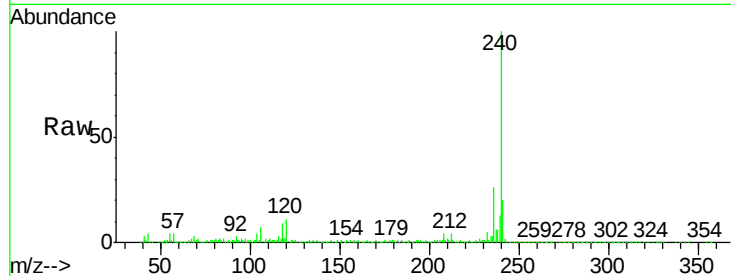
Tgt Ion:240 Resp: 439361

Ion Ratio Lower Upper

240 100

120 10.9 5.7 8.5#

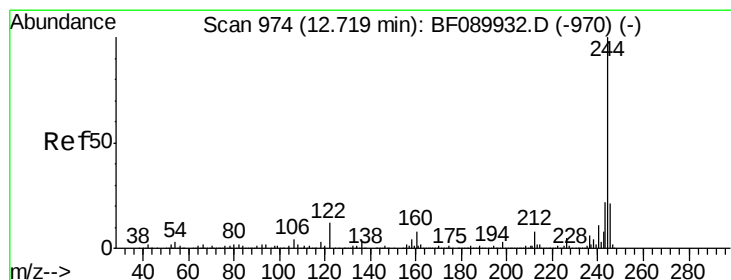
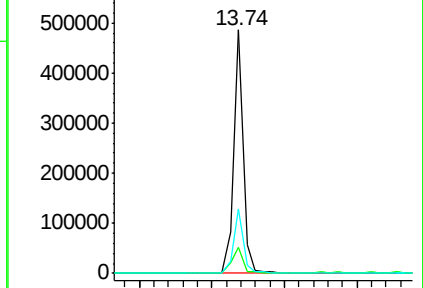
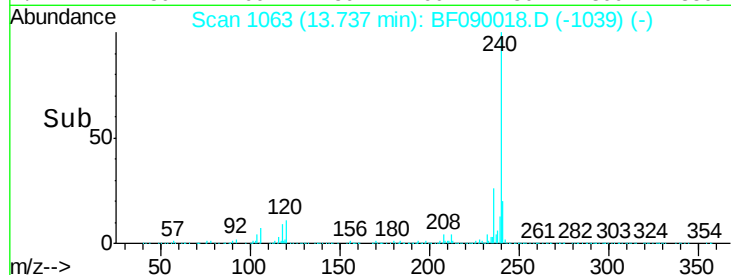
236 26.3 21.3 31.9



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



#78

Terphenyl-d14

Concen: 66.91 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF090018.D

Acq: 7 Sep 2016 21:30

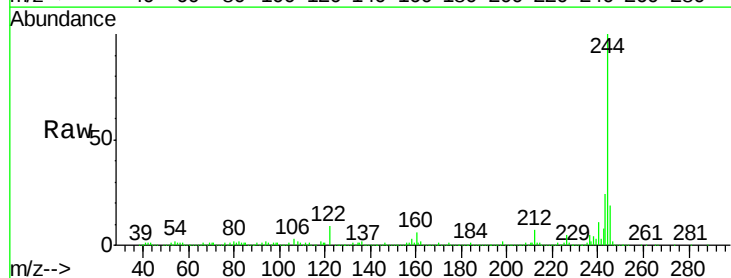
Tgt Ion:244 Resp: 1190069

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

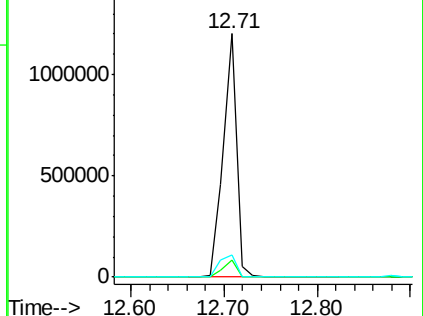
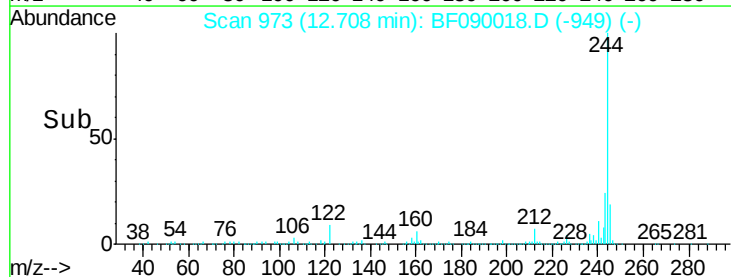
122 9.3 9.6 14.4#

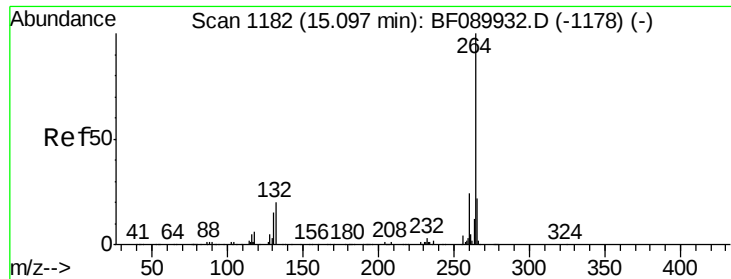


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

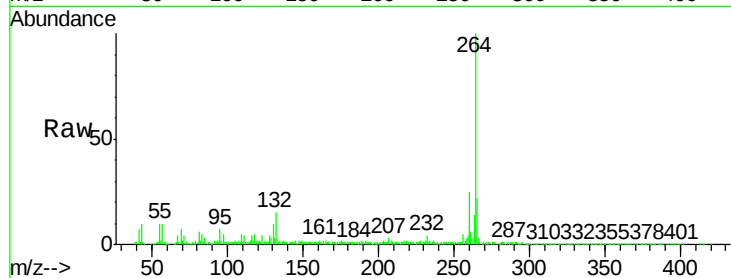




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF090018.D
Acq: 7 Sep 2016 21:30

Instrument :
BNA_F
ClientSampleId :
SP-002

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	22.2	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

