

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091516\
 Data File : BF090089.D
 Acq On : 15 Sep 2016 13:50
 Operator : UM/SJ
 Sample : H4761-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-4

Quant Time: Sep 15 15:36:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 09:41:41 2016
 Response via : Initial Calibration

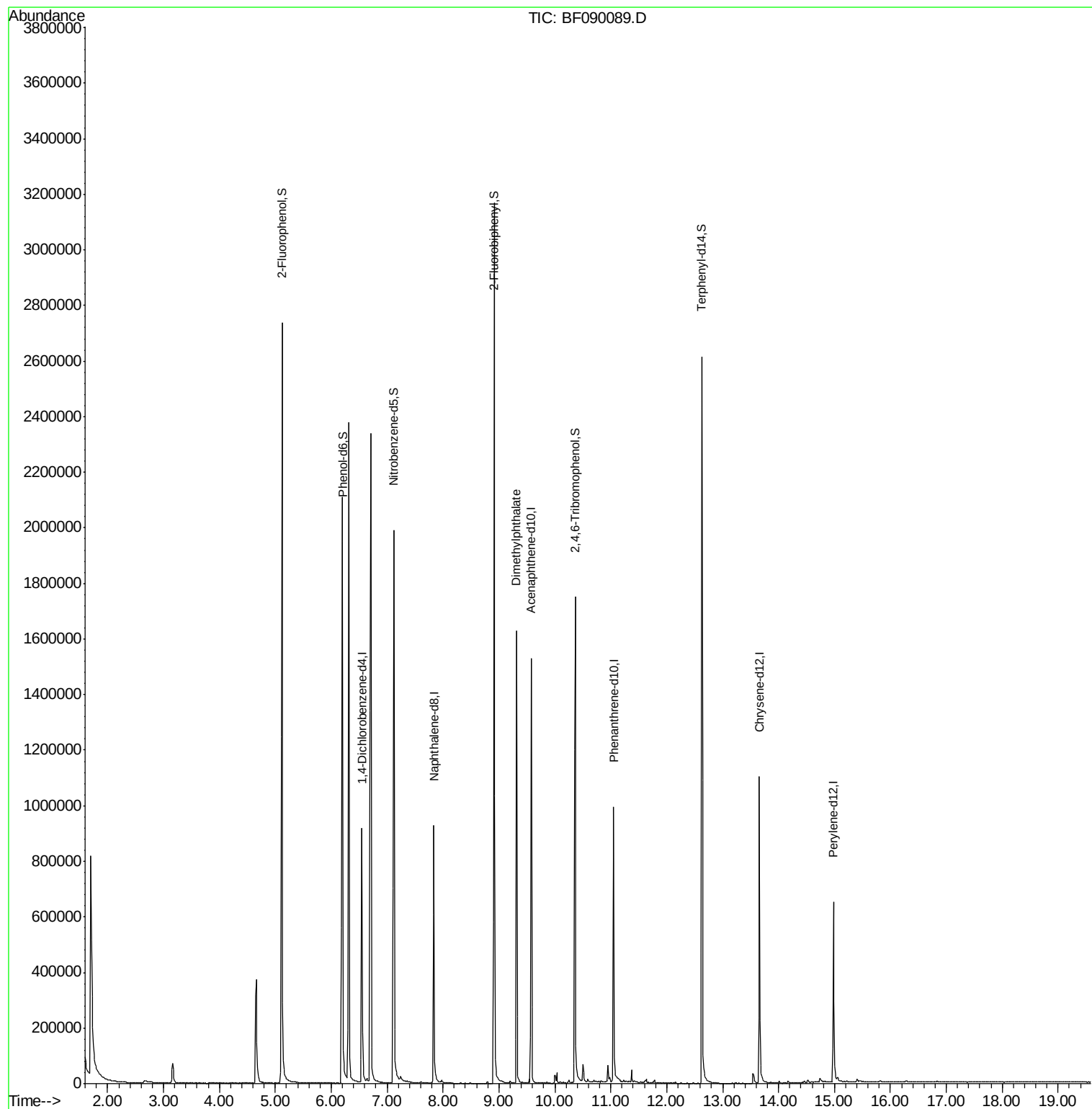
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	156068	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	625554	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	300808	20.00	ng	-0.01
63) Phenanthrene-d10	11.05	188	560944	20.00	ng	0.00
75) Chrysene-d12	13.66	240	433281	20.00	ng	-0.01
86) Perylene-d12	14.98	264	305900	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	1020005	105.11	ng	0.00
7) Phenol-d6	6.20	99	1474060	116.03	ng	0.00
23) Nitrobenzene-d5	7.12	82	845039	75.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	319984	105.90	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	1227475	64.08	ng	-0.01
78) Terphenyl-d14	12.63	244	1063466	58.29	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.31	163	673484	30.14	ng	99

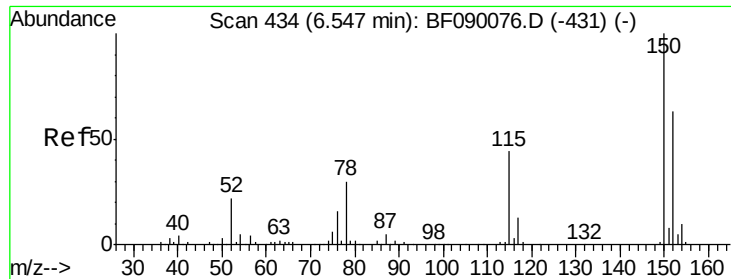
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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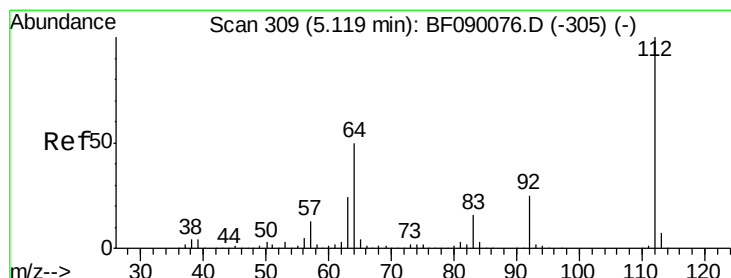
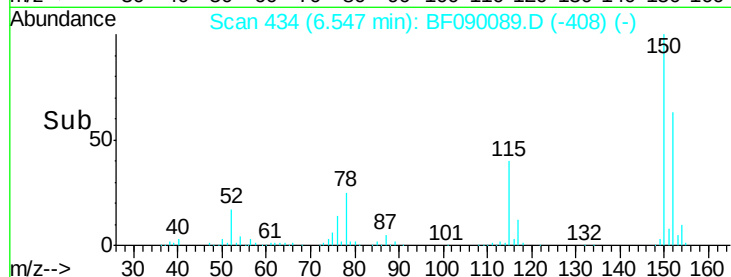
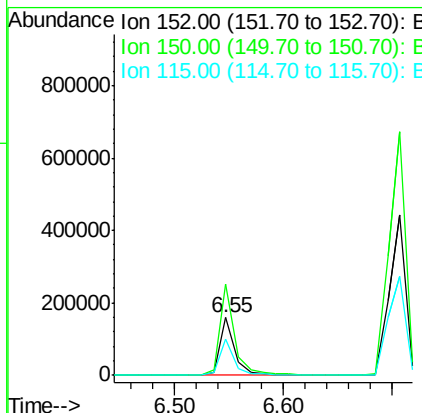
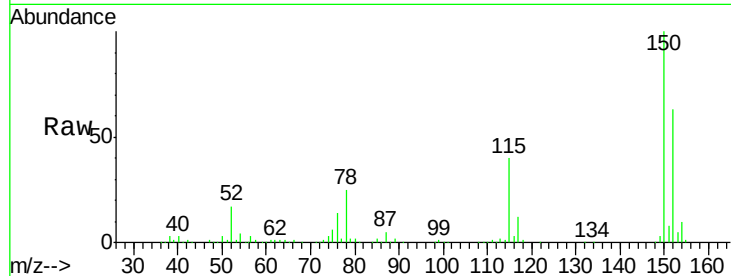


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF090089.D
Acq: 15 Sep 2016 13:50

Instrument :
BNA_F
ClientSampleId :
UST-4

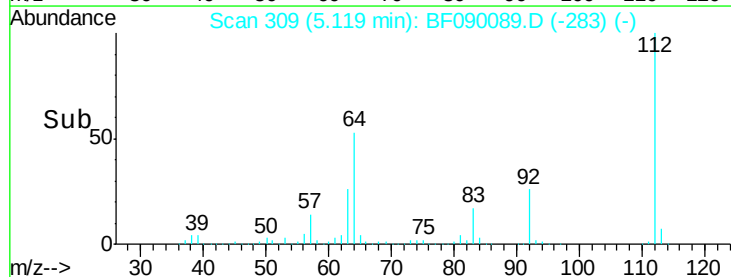
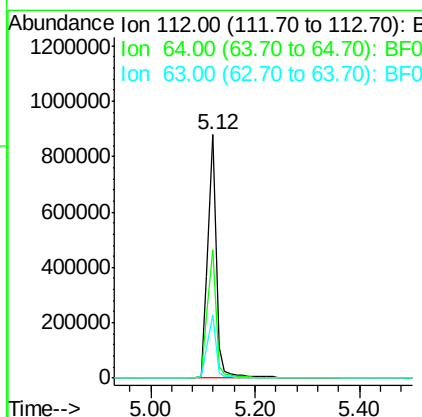
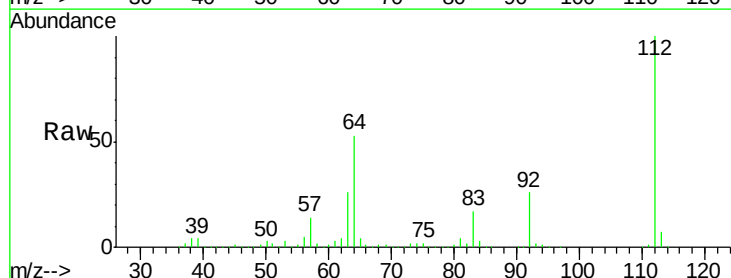
Tot Ion:152 Resp: 156068
Ion Ratio Lower Upper
152 100
150 158.0 128.9 193.3
115 62.9 55.5 83.3

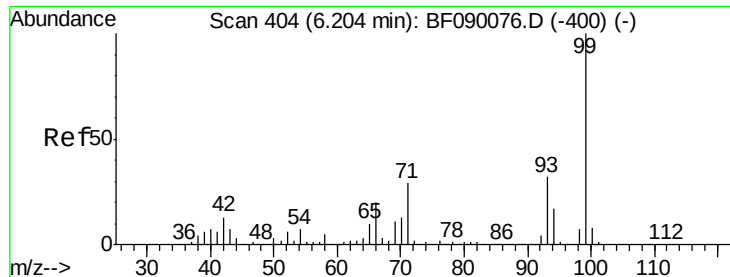


#5

2-Fluorophenol
Concen: 105.11 ng
RT: 5.12 min Scan# 309
Delta R.T. 0.00 min
Lab File: BF090089.D
Acq: 15 Sep 2016 13:50

Tgt Ion:112 Resp: 1020005
Ion Ratio Lower Upper
112 100
64 52.9 39.8 59.6
63 26.0 18.9 28.3





#7

Phenol-d6

Concen: 116.03 ng

RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF090089.D

Acq: 15 Sep 2016 13:50

Instrument :

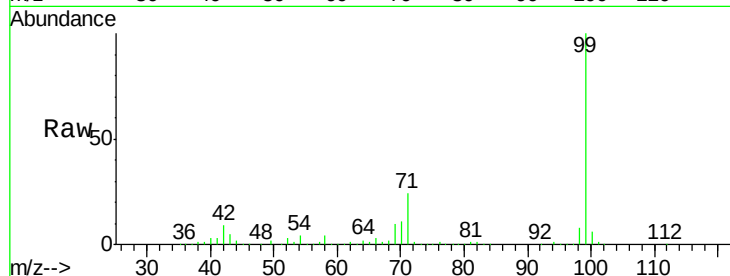
BNA_F

ClientSampleId :

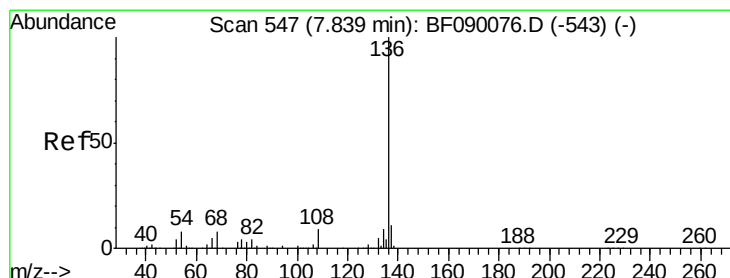
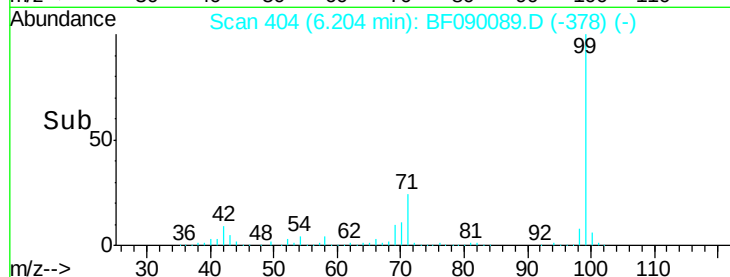
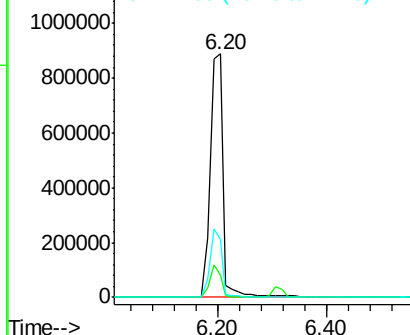
UST-4

Tot Ion: 99 Resp: 1474060

Ion	Ratio	Lower	Upper
99	100		
42	8.9	10.6	15.8#
71	23.7	23.0	34.6



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: 7.84 min Scan# 547

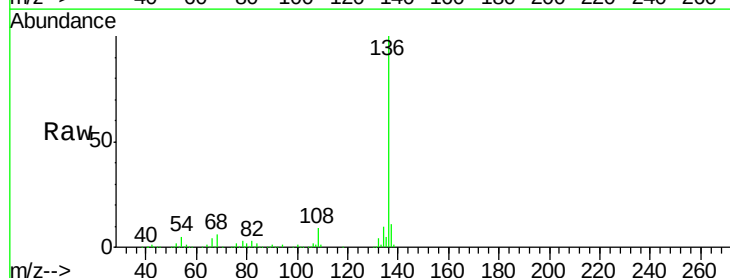
Delta R.T. 0.00 min

Lab File: BF090089.D

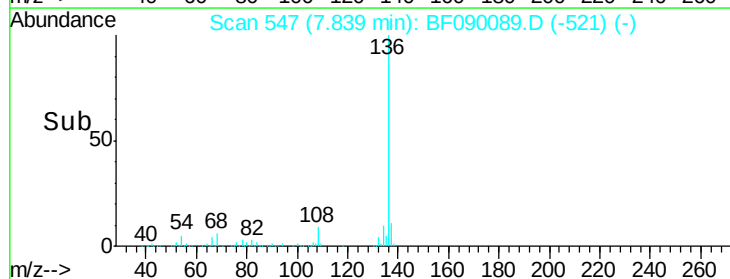
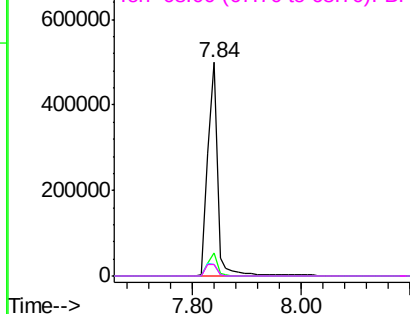
Acq: 15 Sep 2016 13:50

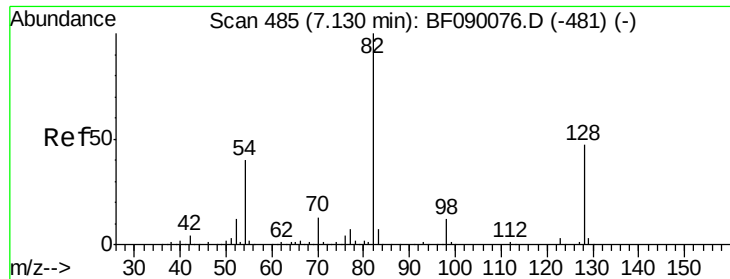
Tgt Ion: 136 Resp: 625554

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	5.4	6.4	9.6#
68	5.5	6.3	9.5#



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

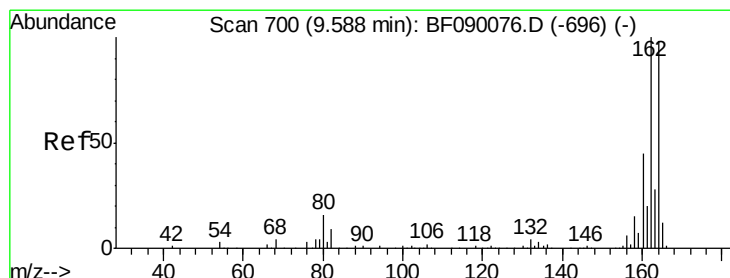
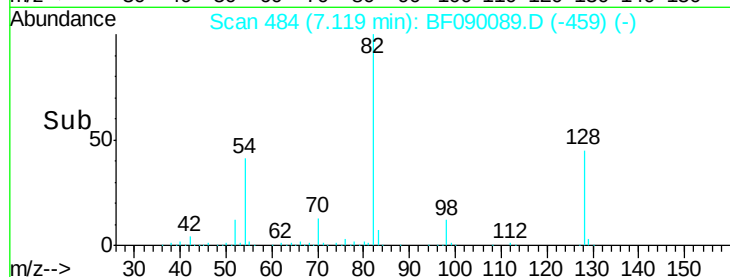
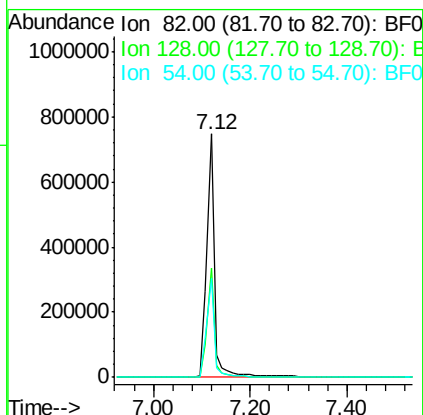
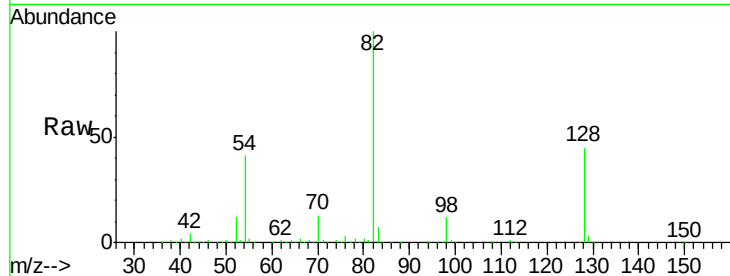




#23
 Nitrobenzene-d5
 Concen: 75.95 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.01 min
 Lab File: BF090089.D
 Acq: 15 Sep 2016 13:50

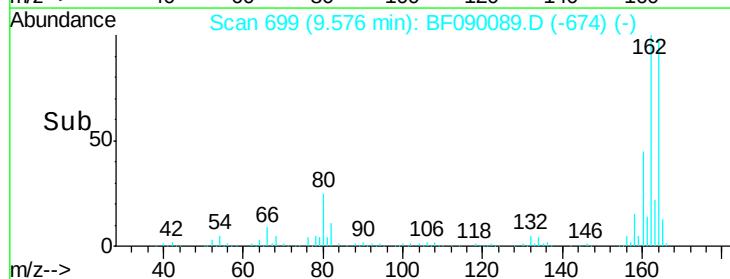
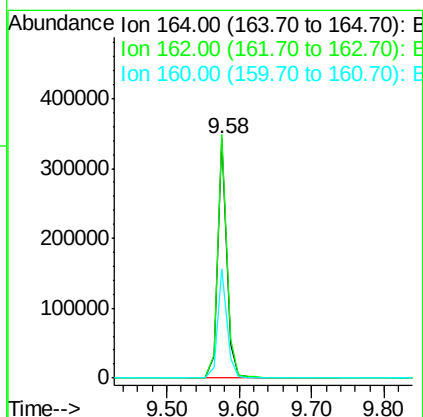
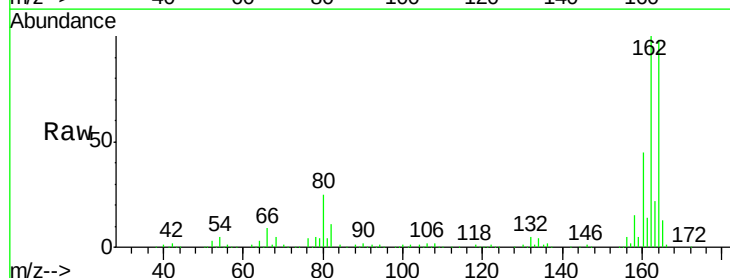
Instrument :
 BNA_F
 ClientSampled :
 UST-4

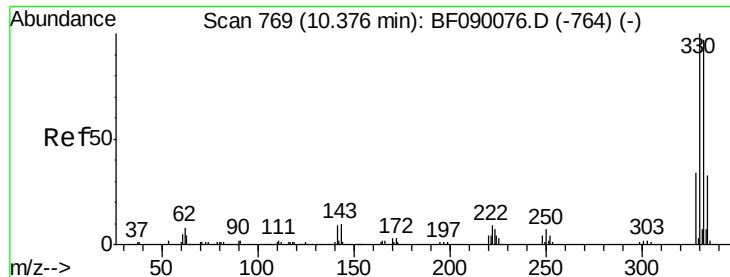
Tot Ion: 82 Resp: 845039
 Ion Ratio Lower Upper
 82 100
 128 45.1 37.5 56.3
 54 40.7 31.9 47.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF090089.D
 Acq: 15 Sep 2016 13:50

Tgt Ion: 164 Resp: 300808
 Ion Ratio Lower Upper
 164 100
 162 101.7 81.4 122.2
 160 45.8 36.6 54.8

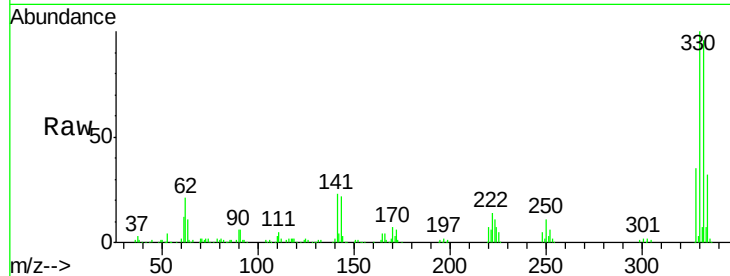




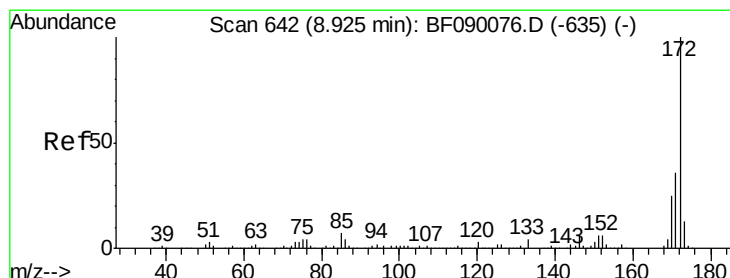
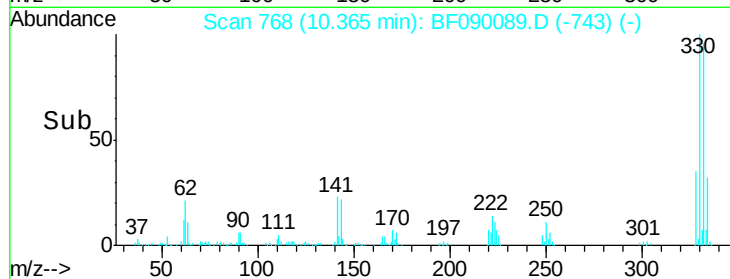
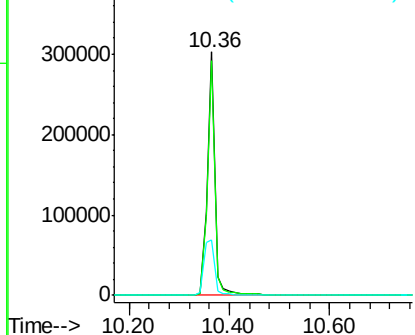
#41
 2,4,6-Tribromophenol
 Concen: 105.90 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF090089.D
 Acq: 15 Sep 2016 13:50

Instrument :
 BNA_F
 ClientSampleId :
 UST-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.1	117.1
141	32.7	23.9	35.9

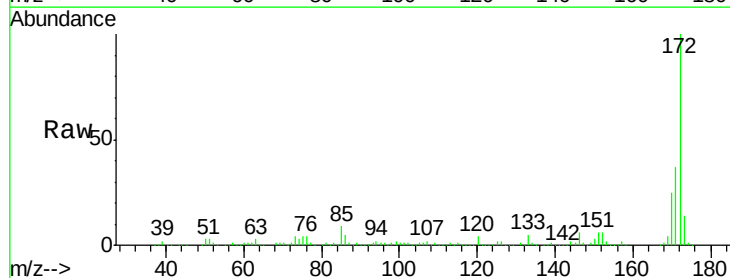


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

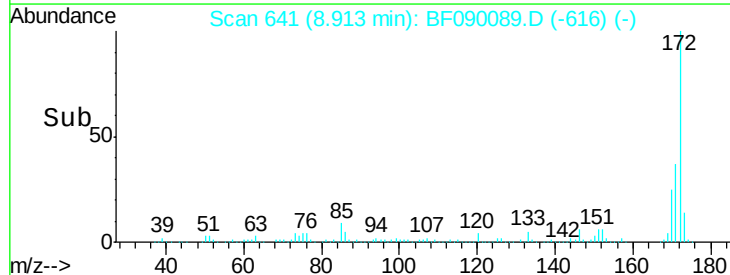
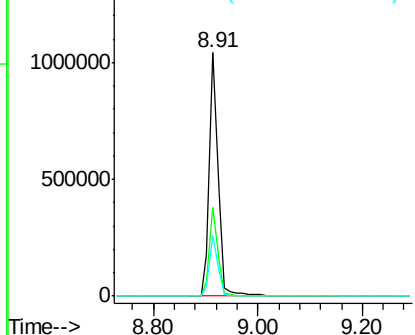


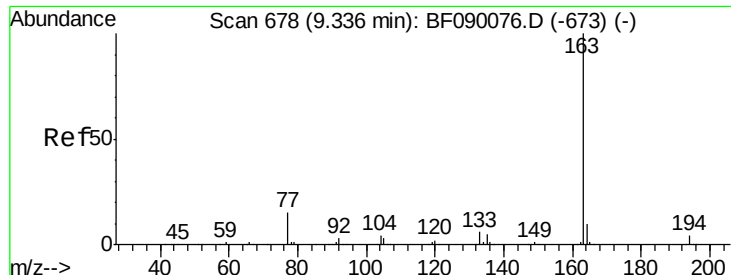
#44
 2-Fluorobiphenyl
 Concen: 64.08 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF090089.D
 Acq: 15 Sep 2016 13:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.2	43.8
170	25.1	19.8	29.8



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: 30.14 ng

RT: 9.31 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF090089.D

Acq: 15 Sep 2016 13:50

Instrument :

BNA_F

ClientSampleId :

UST-4

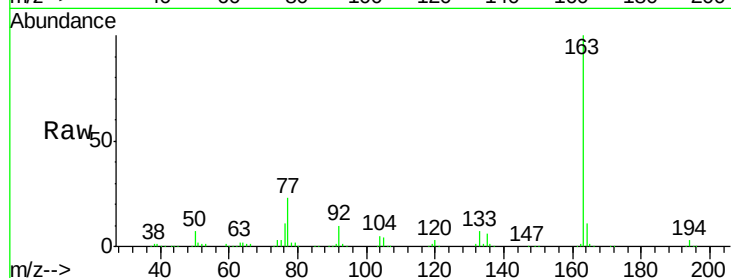
Tot Ion:163 Resp: 673484

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

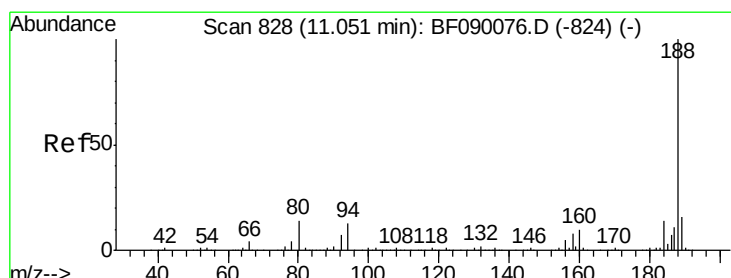
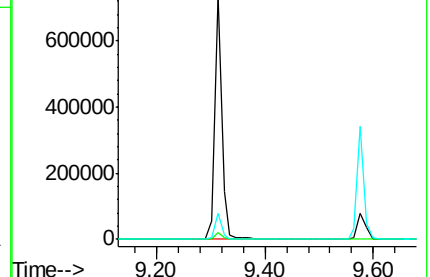
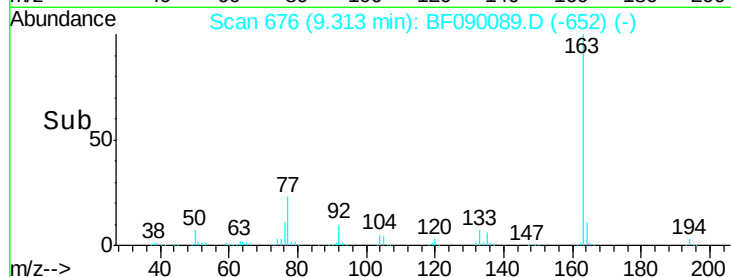
164 10.5 8.1 12.1



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: 11.05 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF090089.D

Acq: 15 Sep 2016 13:50

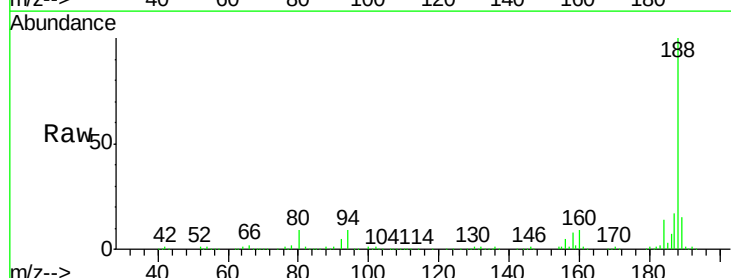
Tgt Ion:188 Resp: 560944

Ion Ratio Lower Upper

188 100

94 8.6 10.5 15.7#

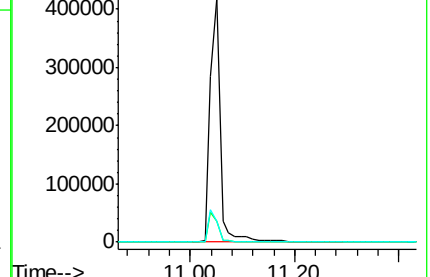
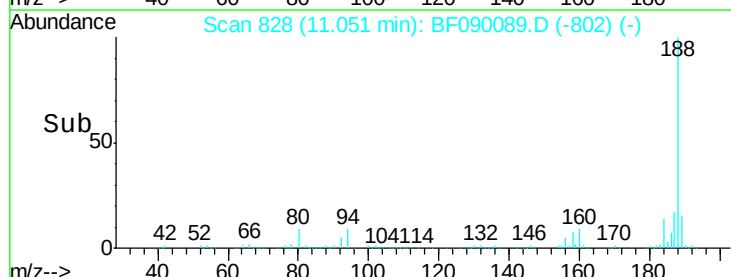
80 8.5 11.2 16.8#

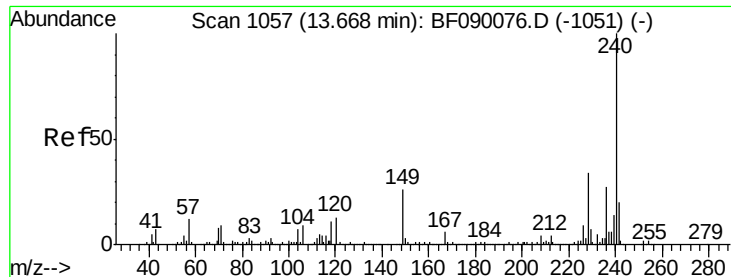


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.66 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF090089.D

Acq: 15 Sep 2016 13:50

Instrument :

BNA_F

ClientSampleId :

UST-4

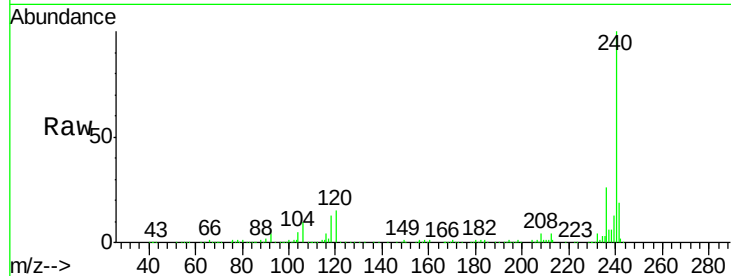
Tot Ion:240 Resp: 433281

Ion Ratio Lower Upper

240 100

120 14.9 10.6 16.0

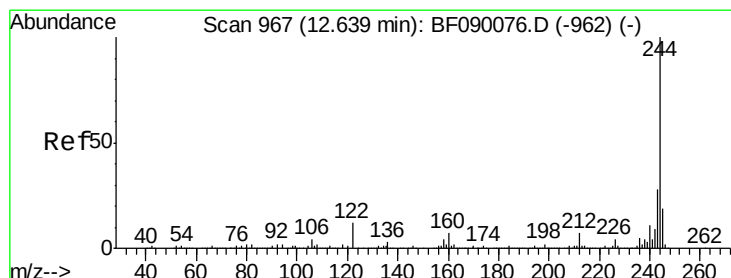
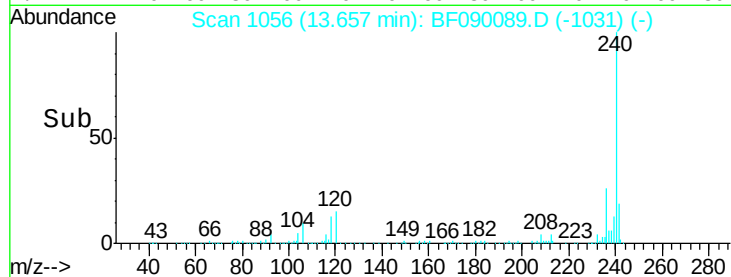
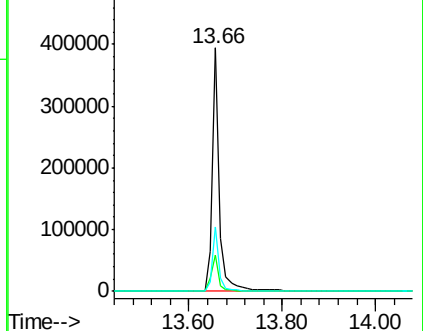
236 26.3 21.6 32.4



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



#78

Terphenyl-d14

Concen: 58.29 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF090089.D

Acq: 15 Sep 2016 13:50

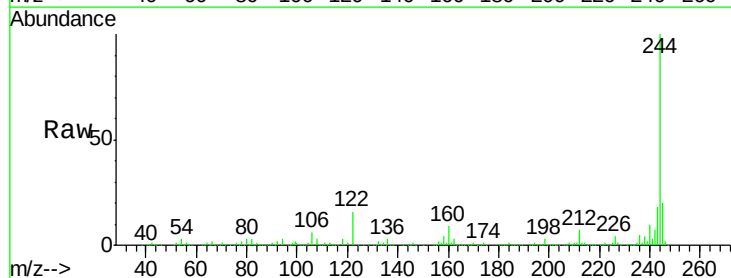
Tgt Ion:244 Resp: 1063466

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

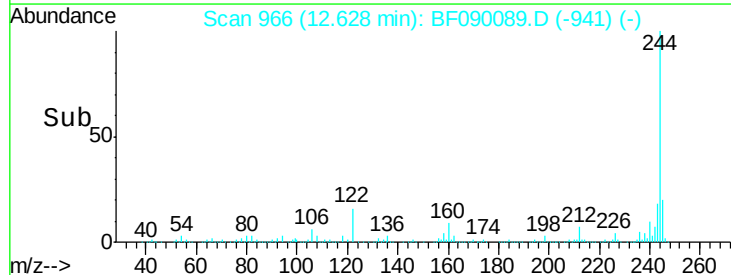
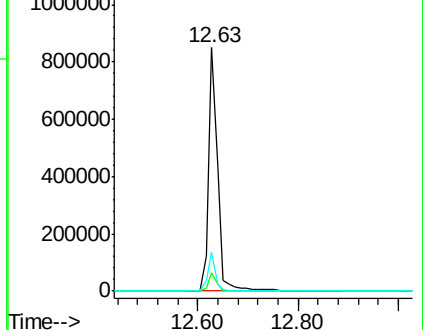
122 16.0 9.4 14.0#

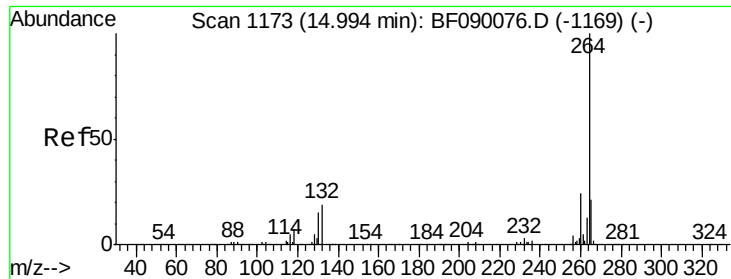


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF090089.D
Acq: 15 Sep 2016 13:50

Instrument :
BNA_F
ClientSampleId :
UST-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.8	17.0	25.4

