

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
 Data File : BF090664.D
 Acq On : 19 Oct 2016 22:51
 Operator : UM/SJ
 Sample : H5317-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101816-09

Quant Time: Oct 20 02:15:13 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 15:13:23 2016
 Response via : Initial Calibration

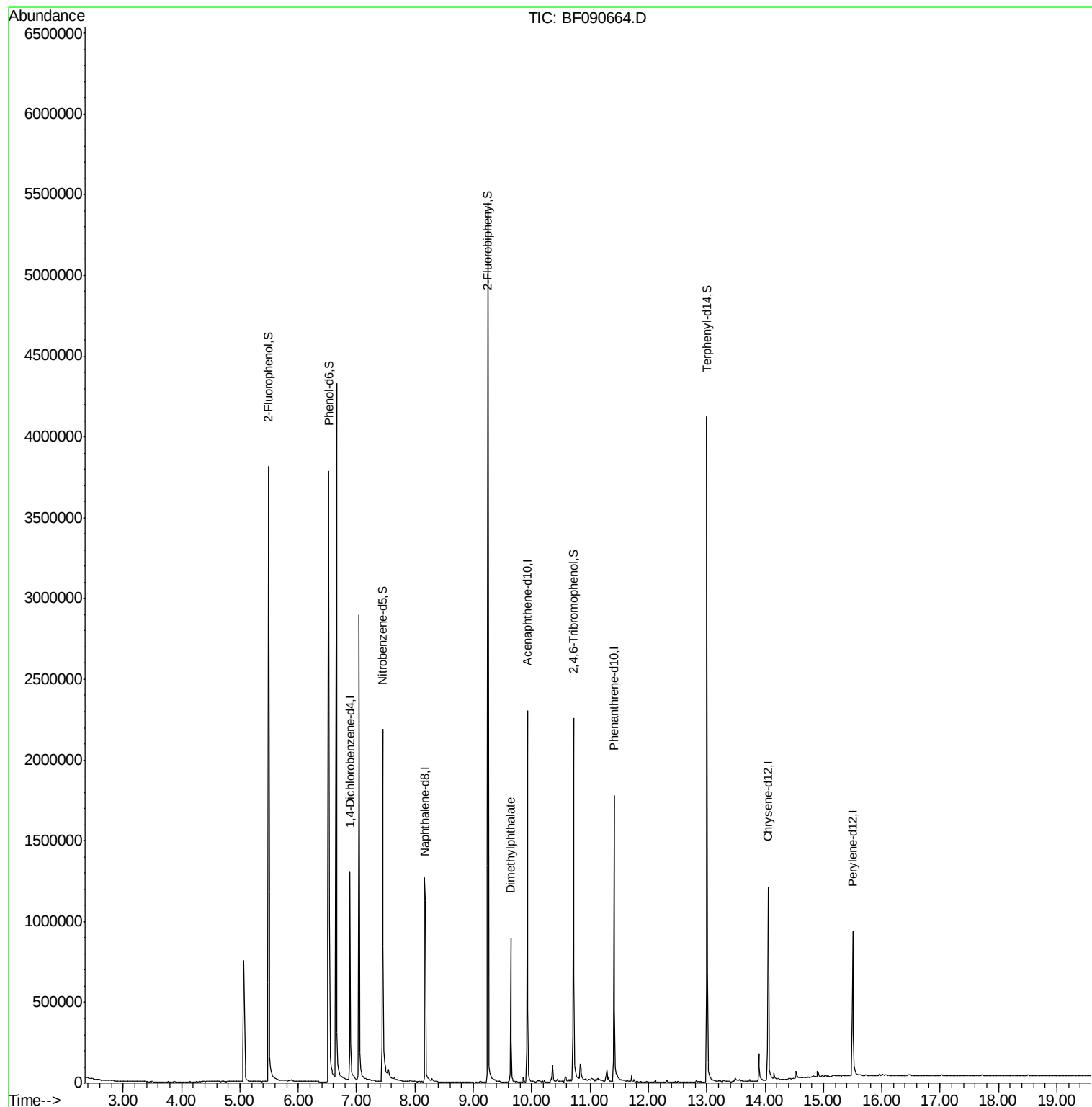
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	207587	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	880090	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	457320	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	665776	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	432413	20.00	ng	-0.01
86) Perylene-d12	15.50	264	400895	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1144602	101.08	ng	0.00
7) Phenol-d6	6.52	99	1545534	91.86	ng	-0.01
23) Nitrobenzene-d5	7.45	82	967189	61.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	250505	61.44	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1659147	59.78	ng	-0.01
78) Terphenyl-d14	13.00	244	1235424	66.52	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.64	163	353407	11.91	ng	99

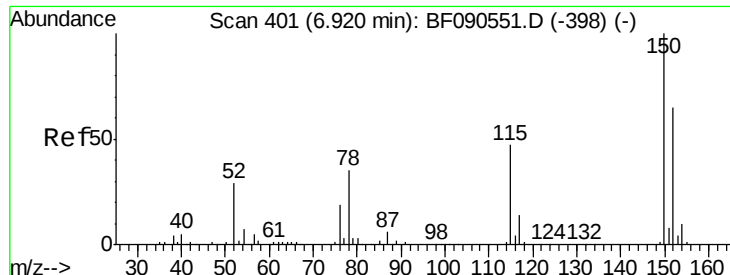
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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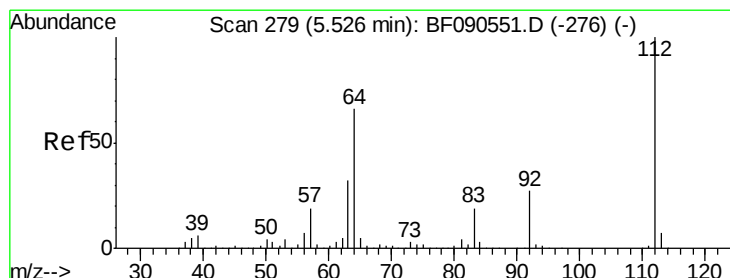
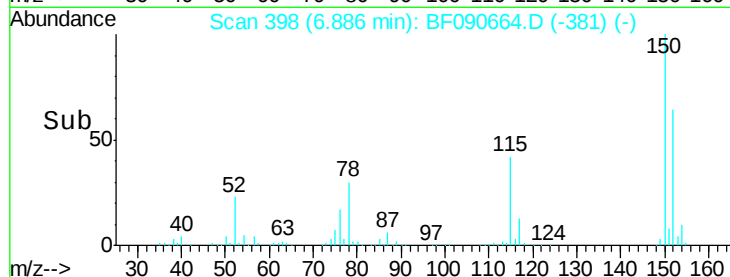
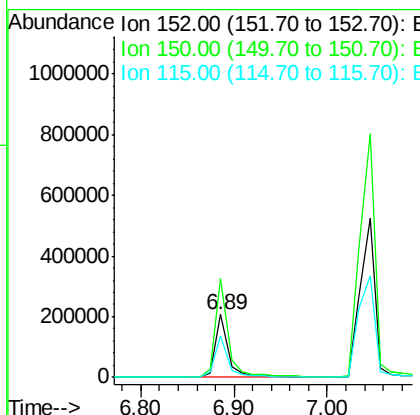
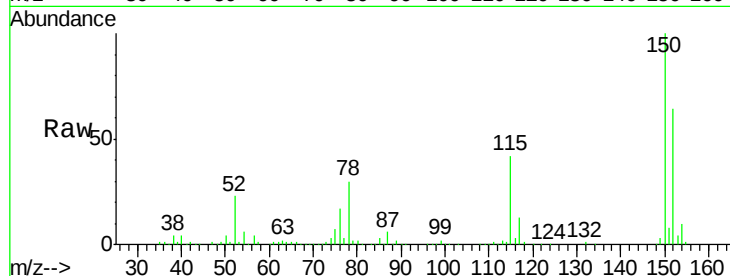


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF090664.D
Acq: 19 Oct 2016 22:51

Instrument :
BNA_F
ClientSampleId :
101816-09

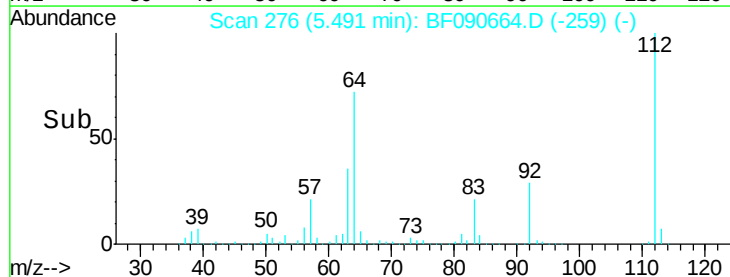
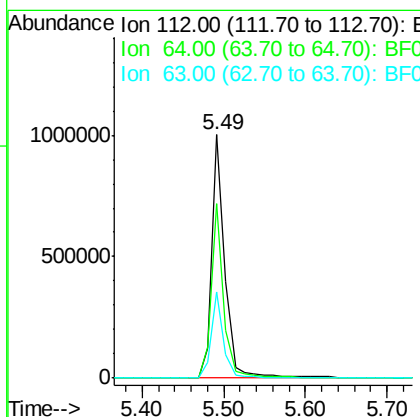
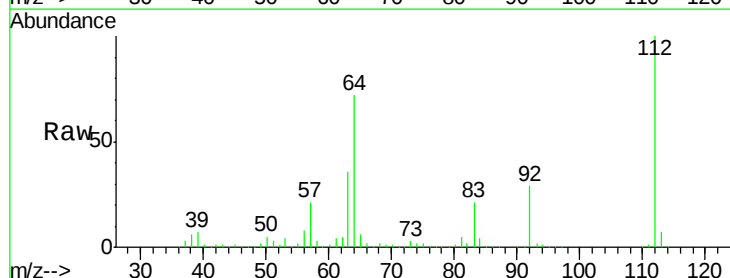
Tot Ion:152 Resp: 207587
Ion Ratio Lower Upper
152 100
150 156.8 127.2 190.8
115 65.1 58.6 88.0

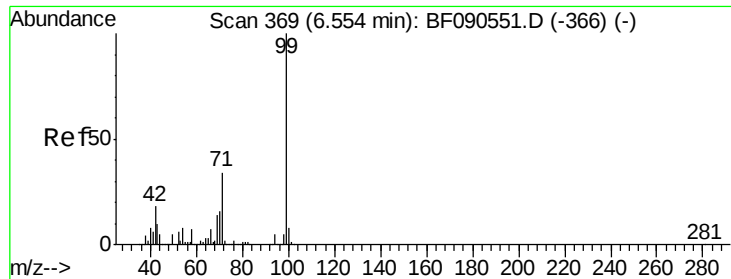


#5

2-Fluorophenol
Concen: 101.08 ng
RT: 5.49 min Scan# 276
Delta R.T. -0.00 min
Lab File: BF090664.D
Acq: 19 Oct 2016 22:51

Tgt Ion:112 Resp: 1144602
Ion Ratio Lower Upper
112 100
64 71.7 52.6 78.8
63 35.6 26.0 39.0





#7

Phenol-d6

Concen: 91.86 ng

RT: 6.52 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF090664.D

Acq: 19 Oct 2016 22:51

Instrument :

BNA_F

ClientSampleId :

101816-09

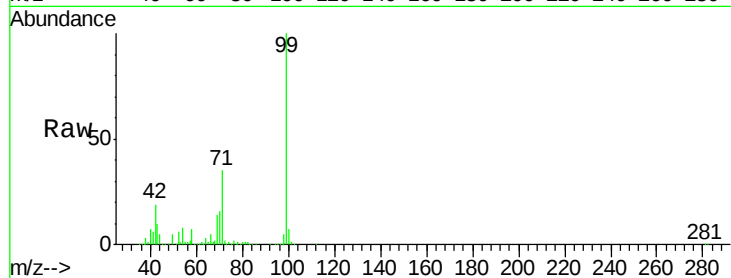
Tot Ion: 99 Resp: 1545534

Ion Ratio Lower Upper

99 100

42 18.7 14.7 22.1

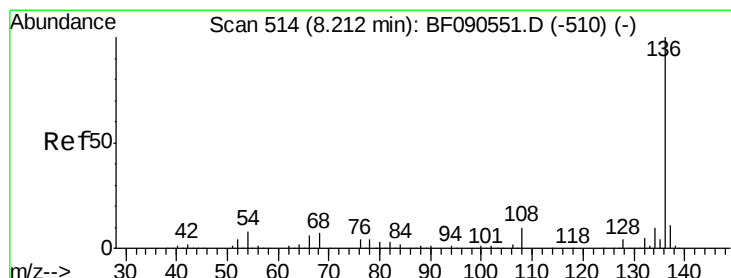
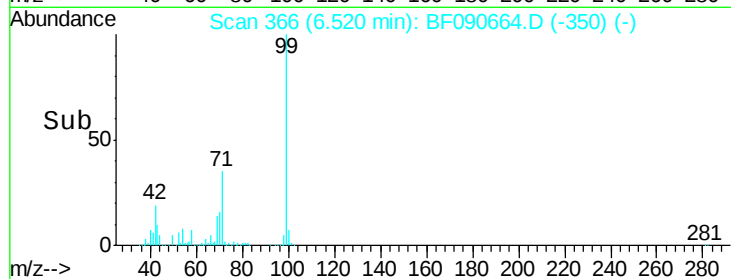
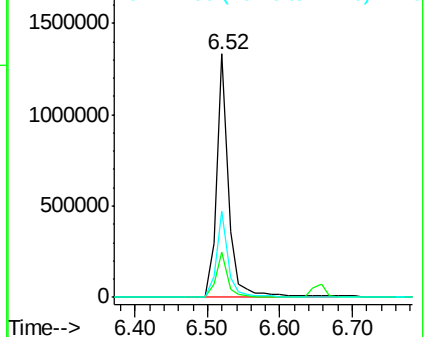
71 35.3 27.6 41.4



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: 8.18 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF090664.D

Acq: 19 Oct 2016 22:51

Tgt Ion: 136 Resp: 880090

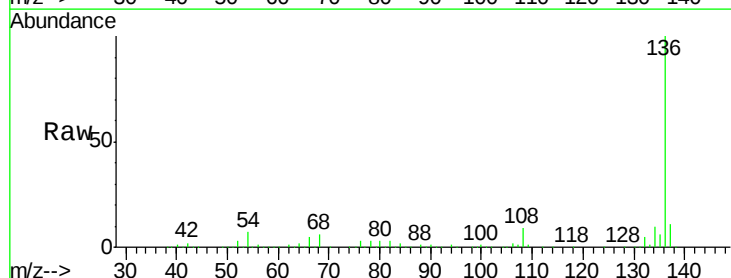
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 6.9 6.8 10.2

68 6.0 6.0 9.0#

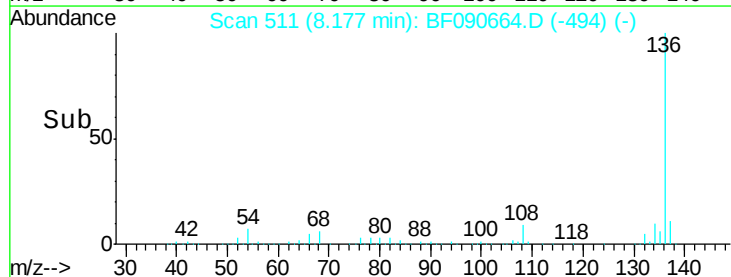
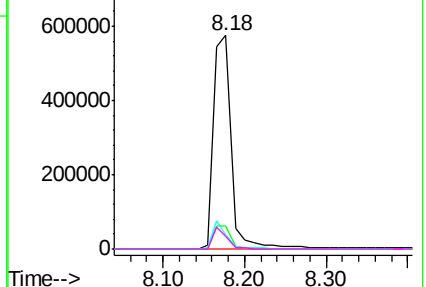


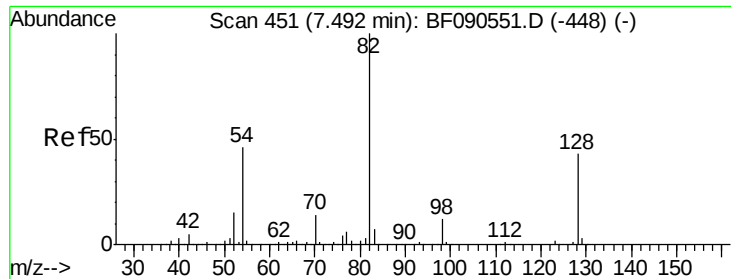
Abundance Ion 136.00 (135.70 to 136.70): E

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: 61.05 ng

RT: 7.45 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF090664.D

Acq: 19 Oct 2016 22:51

Instrument :

BNA_F

ClientSampleId :

101816-09

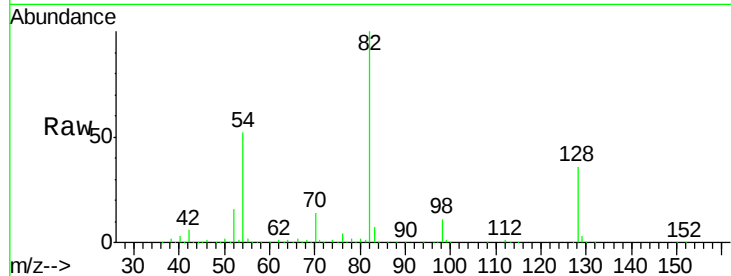
Tot Ion: 82 Resp: 967189

Ion Ratio Lower Upper

82 100

128 35.9 34.3 51.5

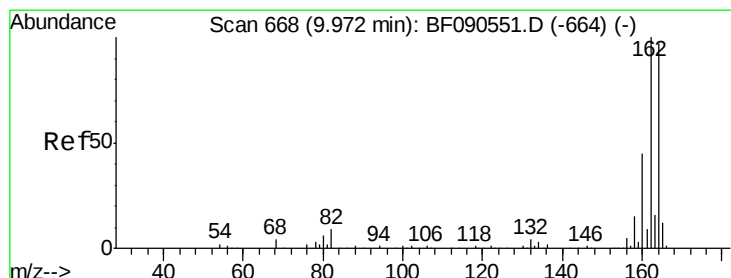
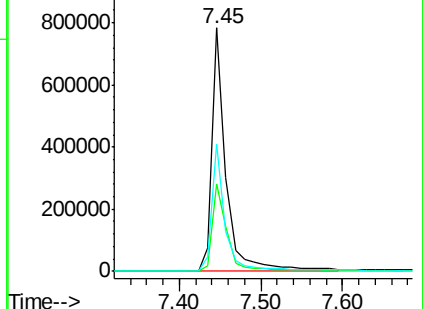
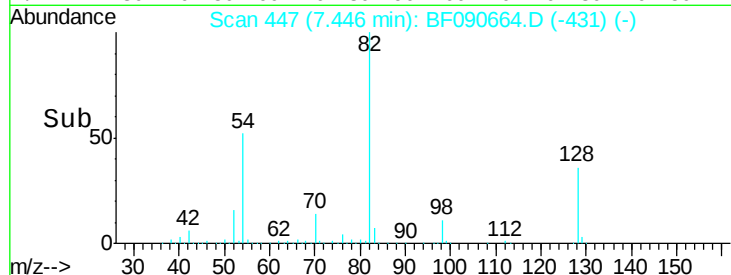
54 52.2 37.0 55.6



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: 9.93 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF090664.D

Acq: 19 Oct 2016 22:51

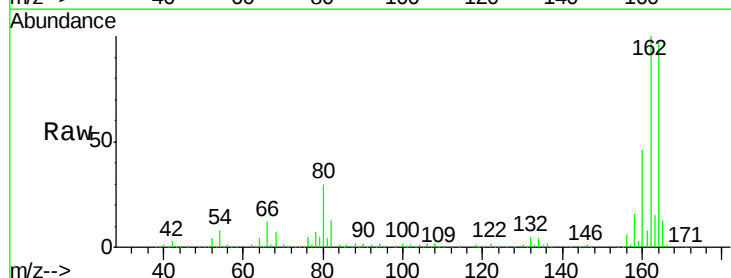
Tgt Ion: 164 Resp: 457320

Ion Ratio Lower Upper

164 100

162 103.1 82.2 123.4

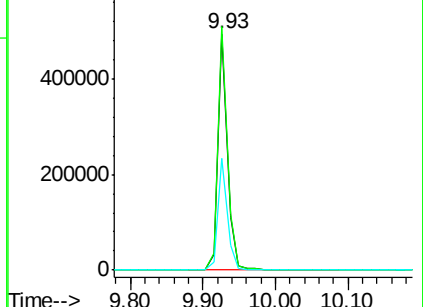
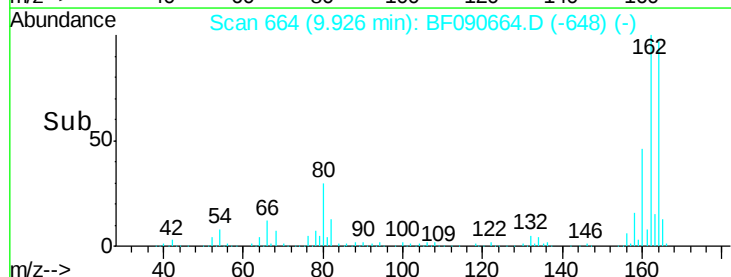
160 47.4 36.6 55.0

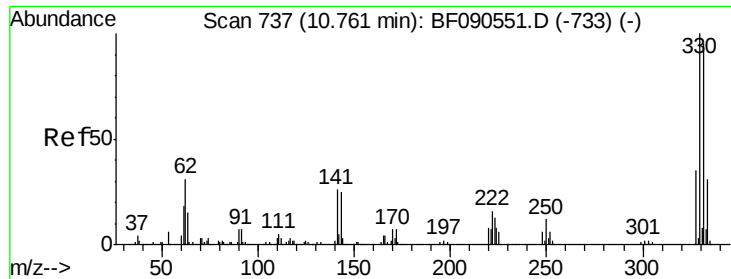


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

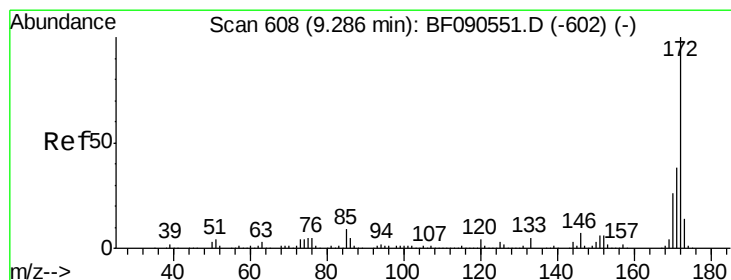
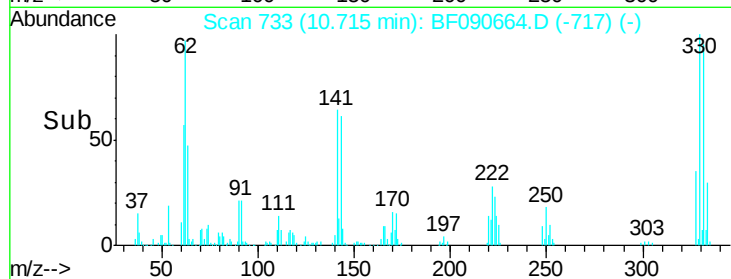
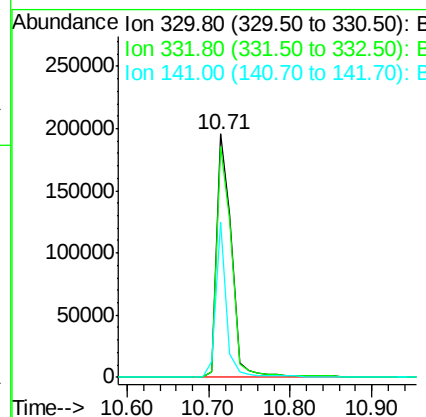
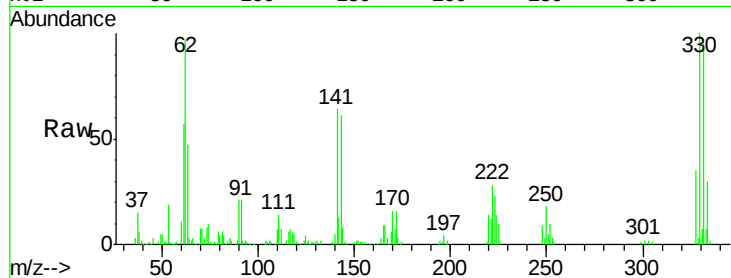




#41
 2,4,6-Tribromophenol
 Concen: 61.44 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF090664.D
 Acq: 19 Oct 2016 22:51

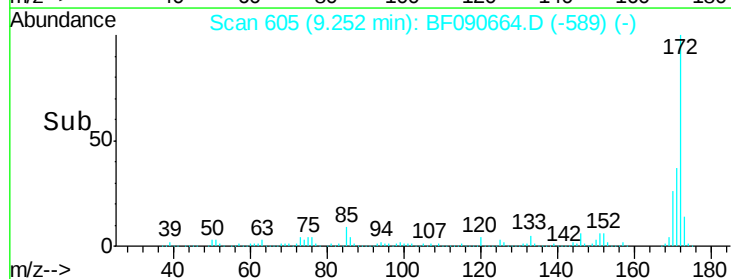
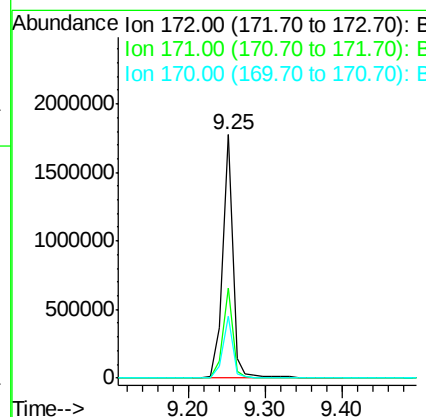
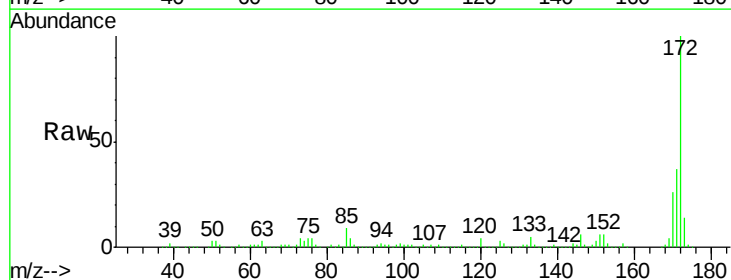
Instrument :
 BNA_F
 ClientSampled :
 101816-09

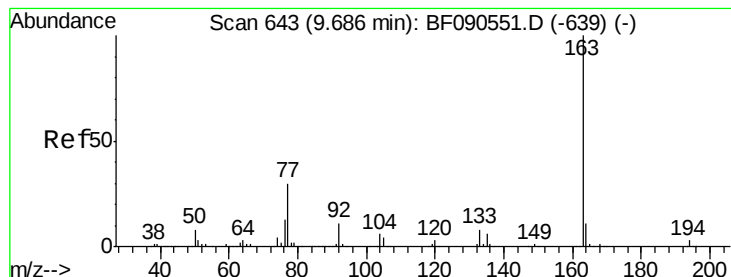
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.2	114.2
141	47.8	31.4	47.2#



#44
 2-Fluorobiphenyl
 Concen: 59.78 ng
 RT: 9.25 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF090664.D
 Acq: 19 Oct 2016 22:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.1	45.1
170	25.5	20.6	30.8





#49

Dimethylphthalate

Concen: 11.91 ng

RT: 9.64 min Scan# 639

Delta R.T. -0.02 min

Lab File: BF090664.D

Acq: 19 Oct 2016 22:51

Instrument :

BNA_F

ClientSampleId :

101816-09

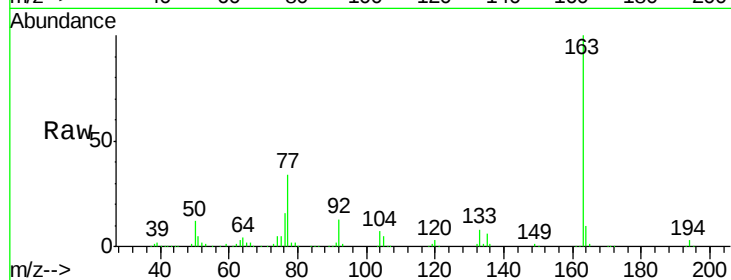
Tot Ion:163 Resp: 353407

Ion Ratio Lower Upper

163 100

194 2.8 2.3 3.5

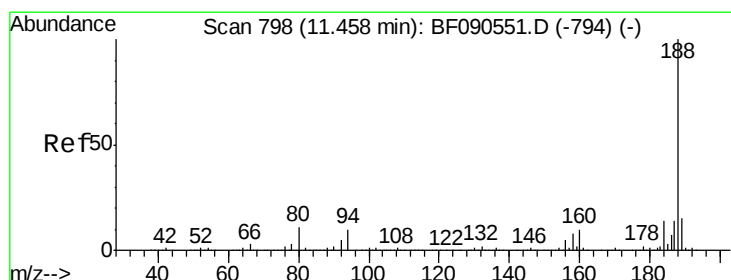
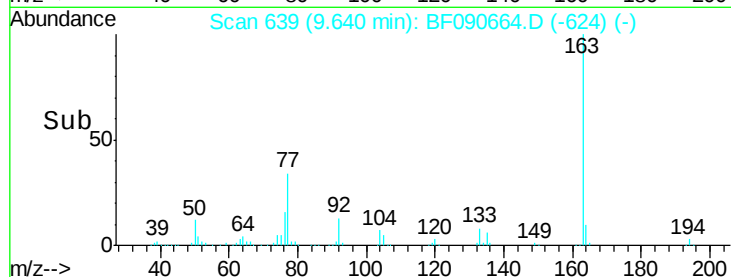
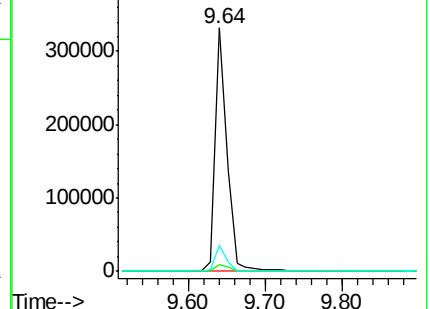
164 10.5 8.6 13.0



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: 11.41 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF090664.D

Acq: 19 Oct 2016 22:51

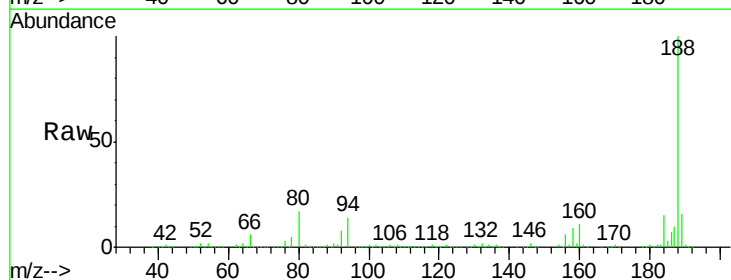
Tgt Ion:188 Resp: 665776

Ion Ratio Lower Upper

188 100

94 14.3 7.7 11.5#

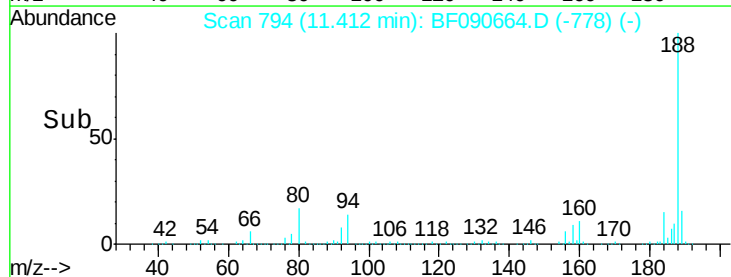
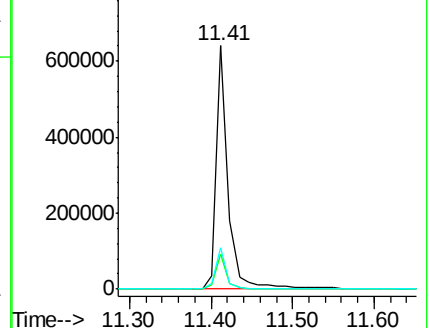
80 16.8 8.6 12.8#

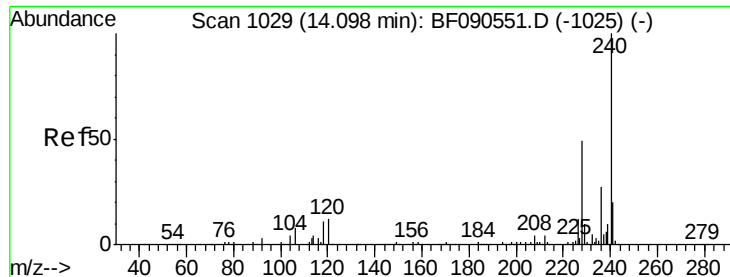


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.05 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF090664.D

Acq: 19 Oct 2016 22:51

Instrument :

BNA_F

ClientSampleId :

101816-09

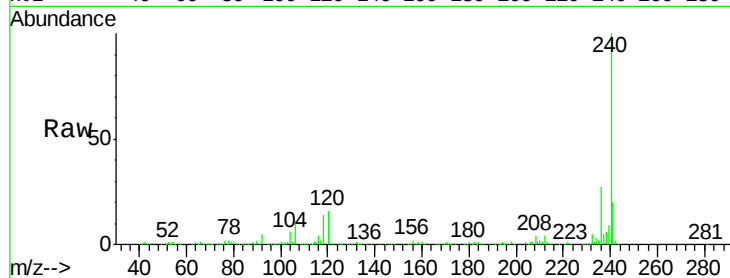
Tot Ion:240 Resp: 432413

Ion Ratio Lower Upper

240 100

120 15.9 9.8 14.8#

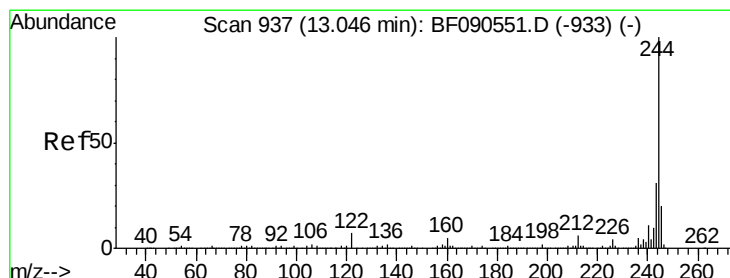
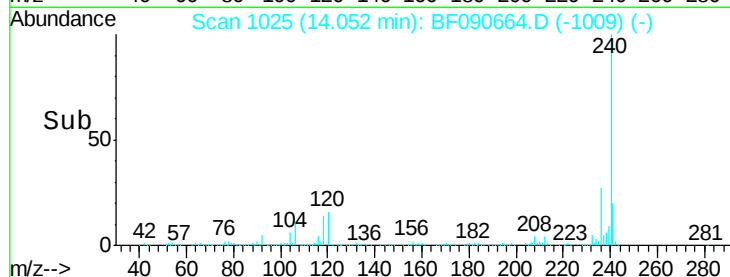
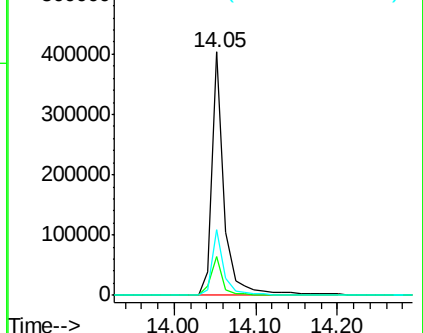
236 27.1 21.7 32.5



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: 66.52 ng

RT: 13.00 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF090664.D

Acq: 19 Oct 2016 22:51

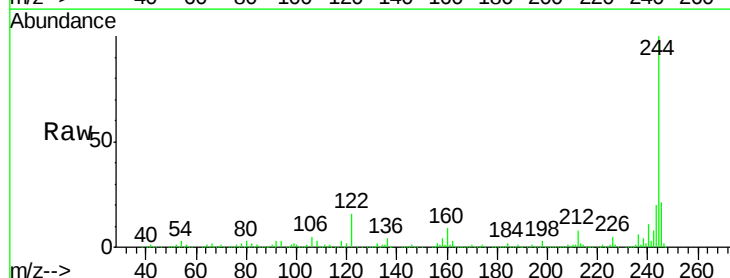
Tgt Ion:244 Resp: 1235424

Ion Ratio Lower Upper

244 100

212 7.9 5.0 7.4#

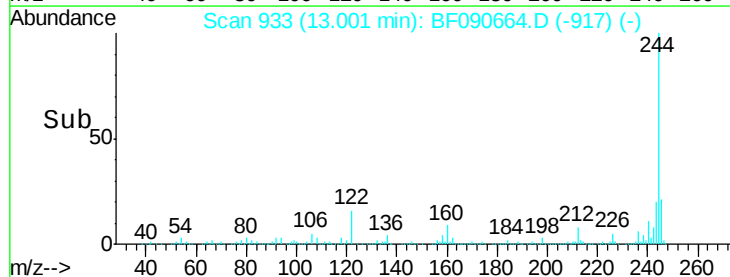
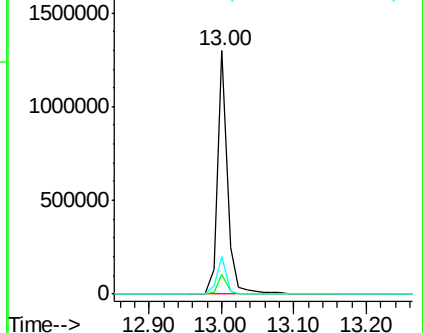
122 15.6 5.6 8.4#

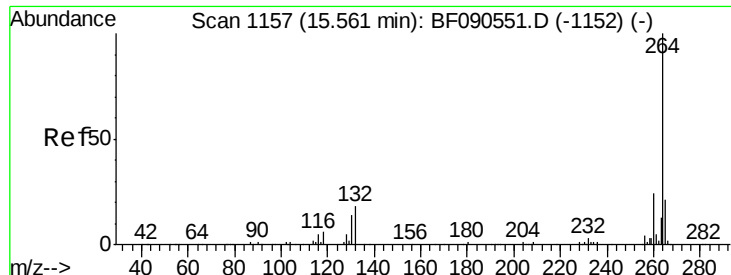


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

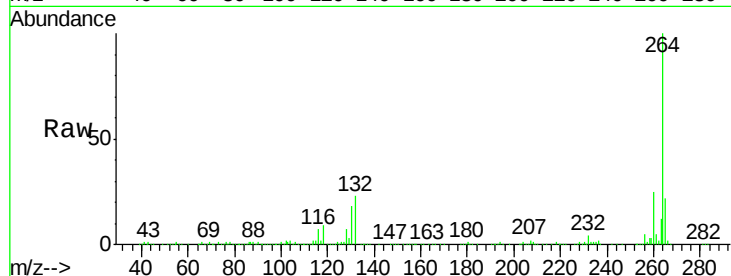




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF090664.D
 Acq: 19 Oct 2016 22:51

Instrument :
 BNA_F
 ClientSampleId :
 101816-09

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.3	28.9
265	21.5	16.7	25.1



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

