

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
 Data File : BF090419.D
 Acq On : 6 Oct 2016 9:35
 Operator : UM/SJ
 Sample : H5065-02 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-BC-2-10032016

Quant Time: Oct 06 13:22:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

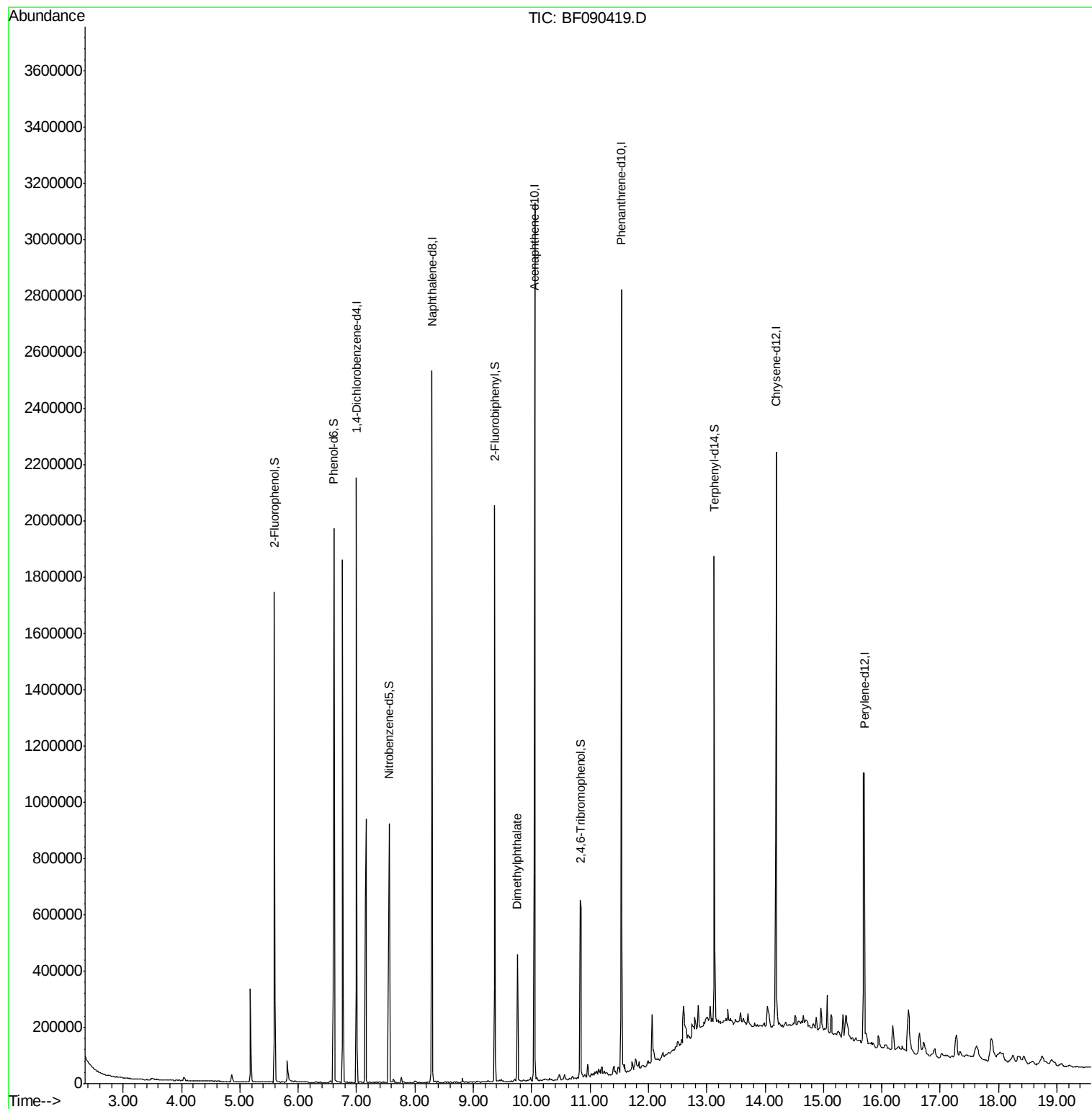
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	281987	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	1161192	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	601677	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	875339	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	655734	20.00	ng	-0.01
86) Perylene-d12	15.70	264	511358	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	403107	21.34	ng	-0.01
7) Phenol-d6	6.61	99	584000	23.60	ng	-0.01
23) Nitrobenzene-d5	7.56	82	348939	14.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	93077	19.02	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	547192	15.15	ng	-0.01
78) Terphenyl-d14	13.13	244	430450	14.76	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.75	163	164661	4.27	ng	Qvalue # 97

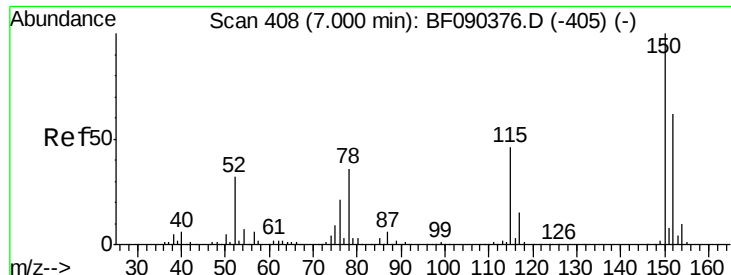
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090419.D

Acq: 6 Oct 2016 9:35

Instrument :

BNA_F

ClientSampleId :

SB-BC-2-10032016

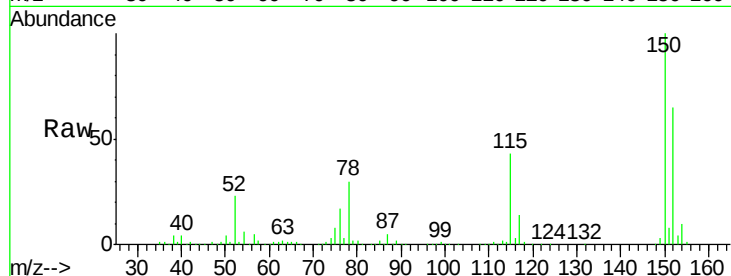
Tot Ion:152 Resp: 281987

Ion Ratio Lower Upper

152 100

150 154.2 124.6 186.8

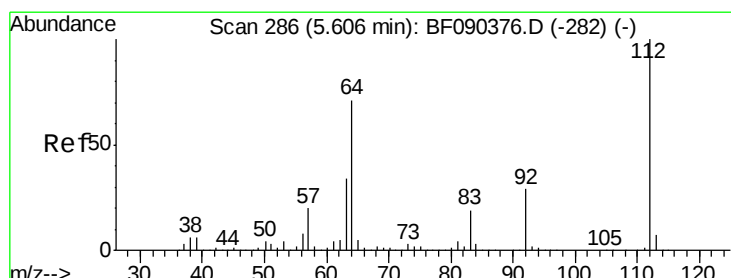
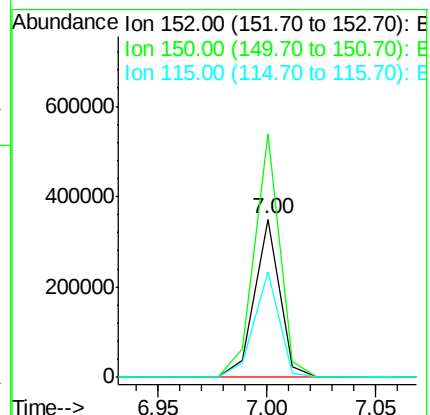
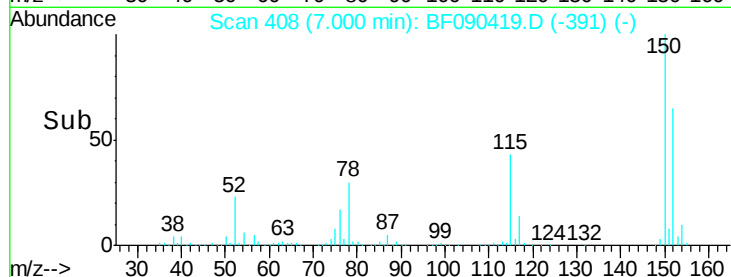
115 66.4 46.2 69.4



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: 21.34 ng

RT: 5.59 min Scan# 285

Delta R.T. -0.01 min

Lab File: BF090419.D

Acq: 6 Oct 2016 9:35

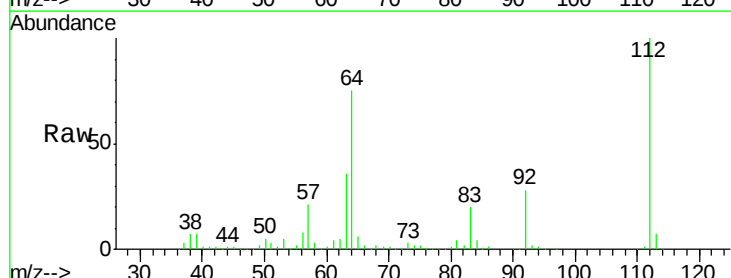
Tgt Ion:112 Resp: 403107

Ion Ratio Lower Upper

112 100

64 75.3 57.9 86.9

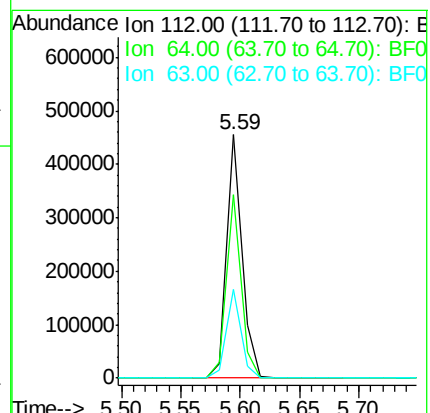
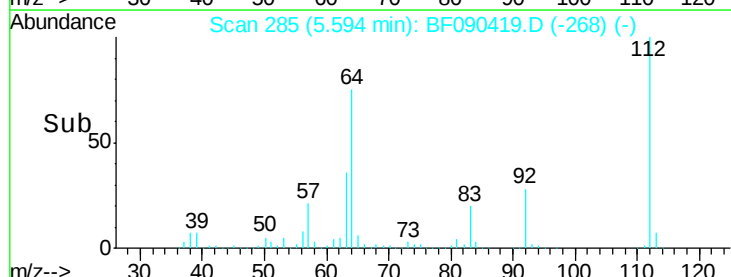
63 36.3 29.6 44.4

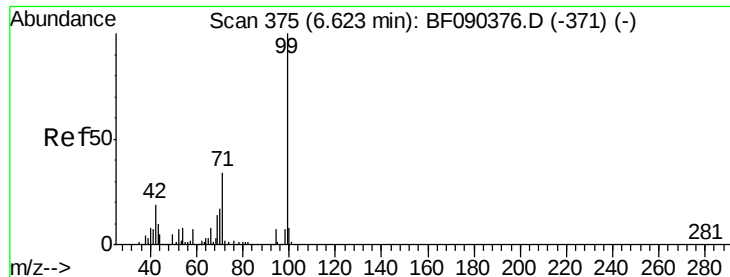


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 23.60 ng

RT: 6.61 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF090419.D

Acq: 6 Oct 2016 9:35

Instrument :

BNA_F

ClientSampleId :

SB-BC-2-10032016

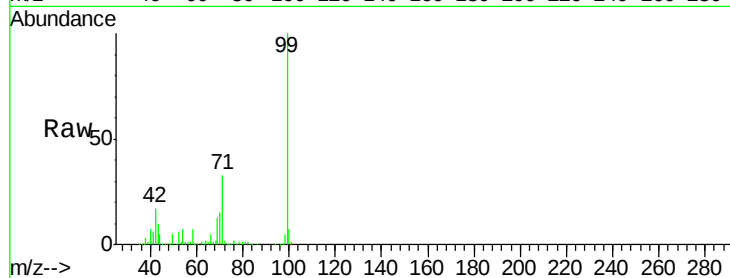
Tot Ion: 99 Resp: 584000

Ion Ratio Lower Upper

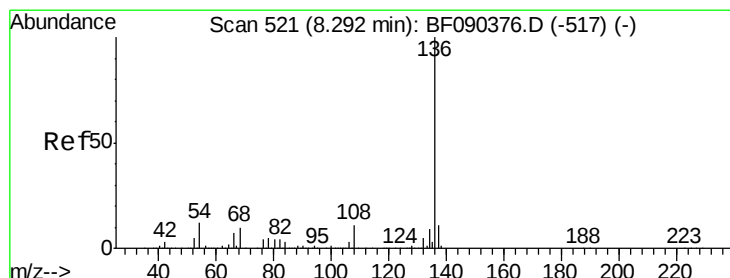
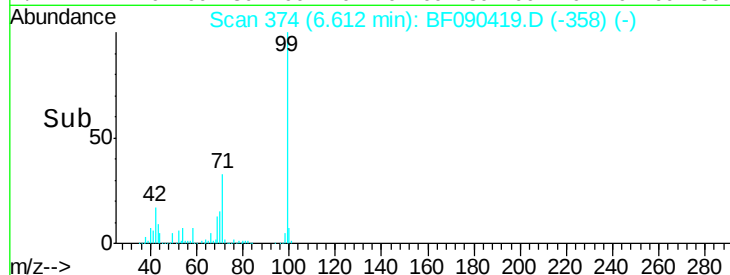
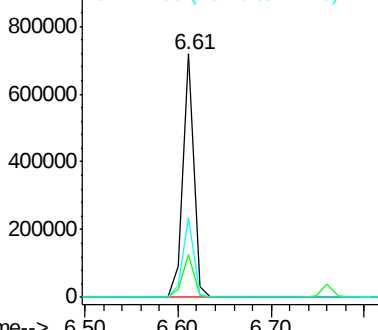
99 100

42 17.3 20.0 30.0#

71 32.5 27.9 41.9



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: 8.29 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF090419.D

Acq: 6 Oct 2016 9:35

Tgt Ion: 136 Resp: 1161192

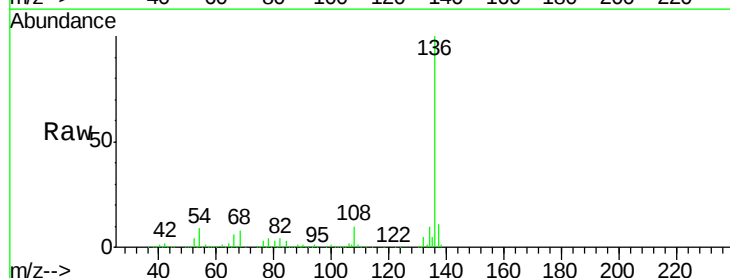
Ion Ratio Lower Upper

136 100

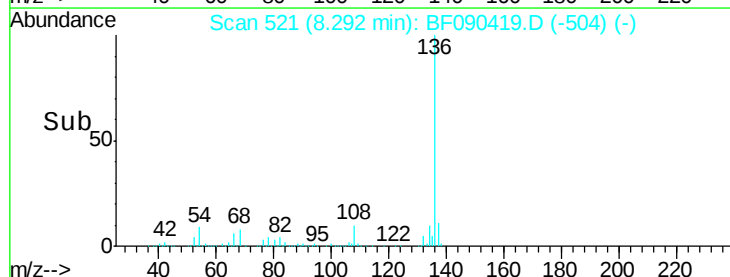
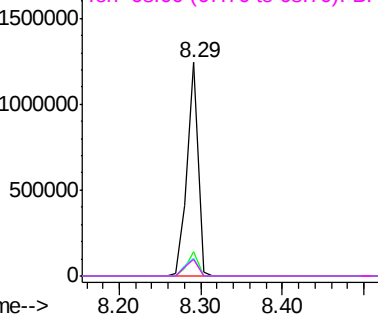
137 11.3 9.0 13.6

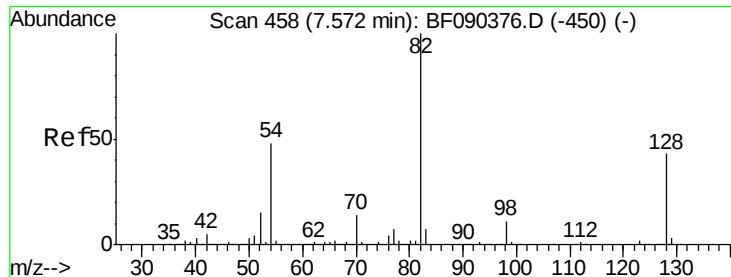
54 8.7 6.6 10.0

68 7.6 5.0 7.6#



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

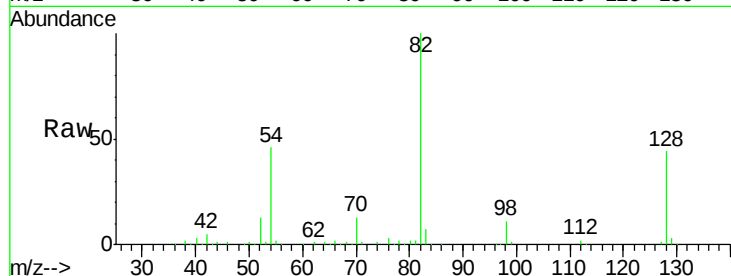




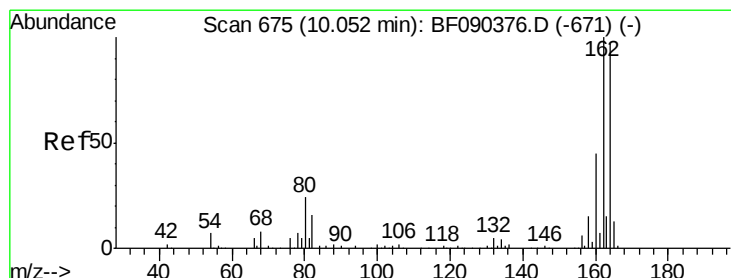
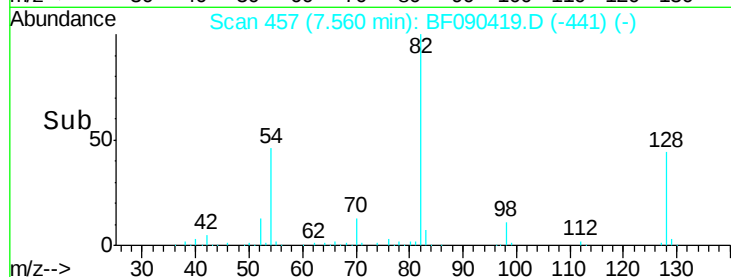
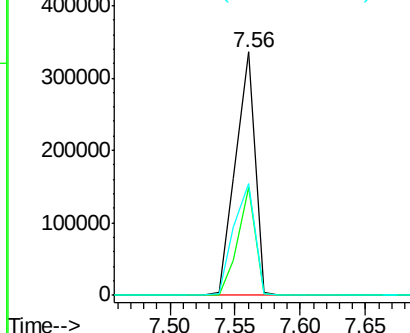
#23
 Nitrobenzene-d5
 Concen: 14.62 ng
 RT: 7.56 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF090419.D
 Acq: 6 Oct 2016 9:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-BC-2-10032016

Tot Ion	82	Resp	348939
Ion Ratio	100	Lower	Upper
128	44.1	40.0	60.0
54	45.6	42.6	64.0

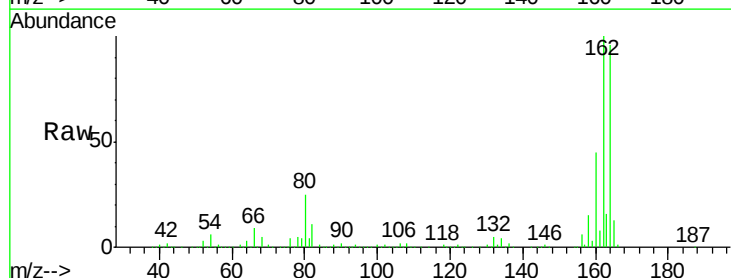


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

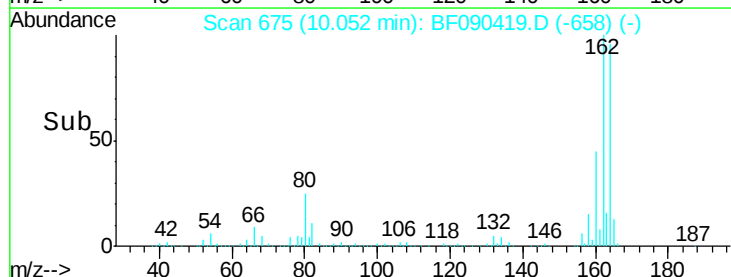
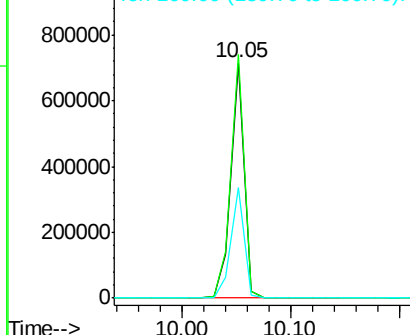


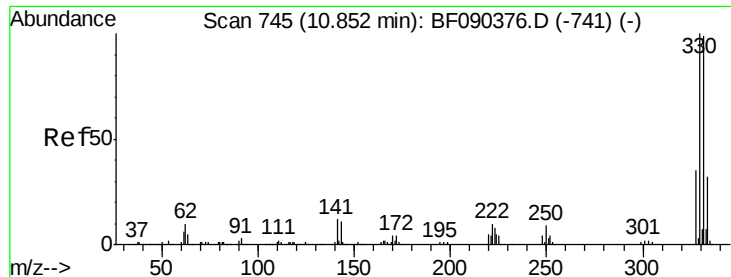
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.05 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF090419.D
 Acq: 6 Oct 2016 9:35

Tgt Ion	164	Resp	601677
Ion Ratio	100	Lower	Upper
162	103.7	80.1	120.1
160	46.8	36.3	54.5



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

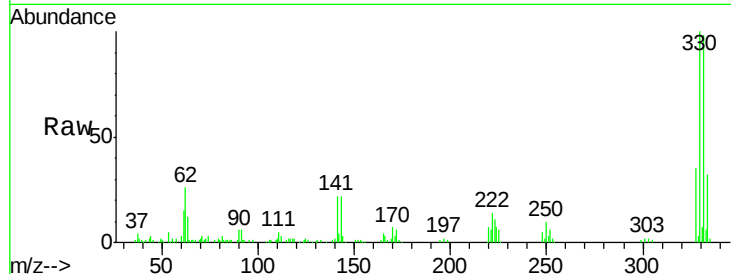




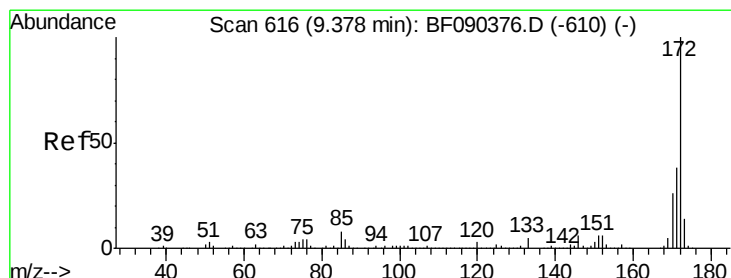
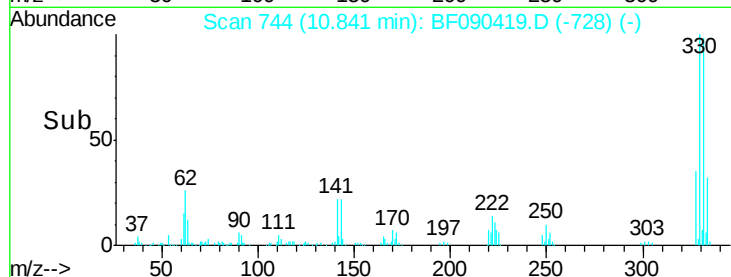
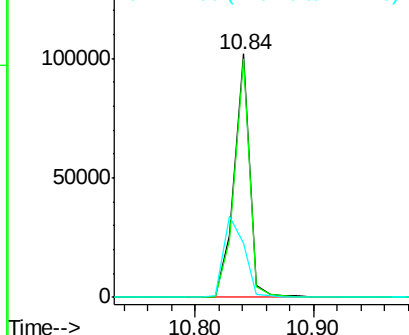
#41
 2,4,6-Tribromophenol
 Concen: 19.02 ng
 RT: 10.84 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090419.D
 Acq: 6 Oct 2016 9:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-BC-2-10032016

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.4	113.0
141	44.2	26.9	40.3

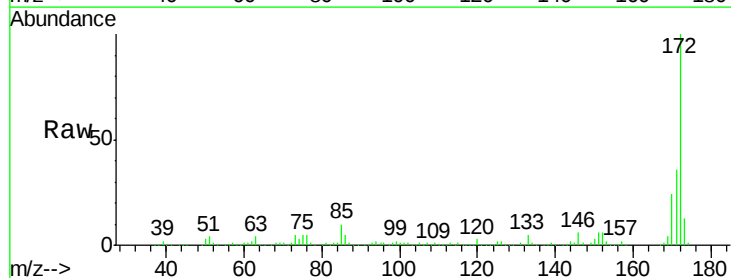


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

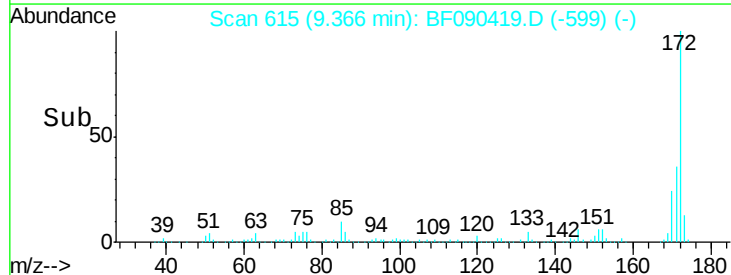
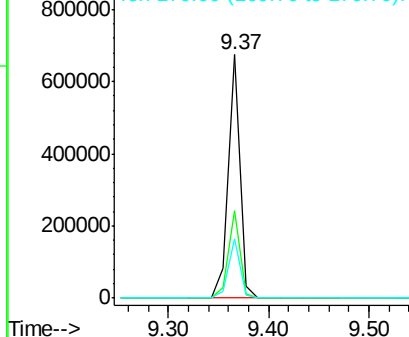


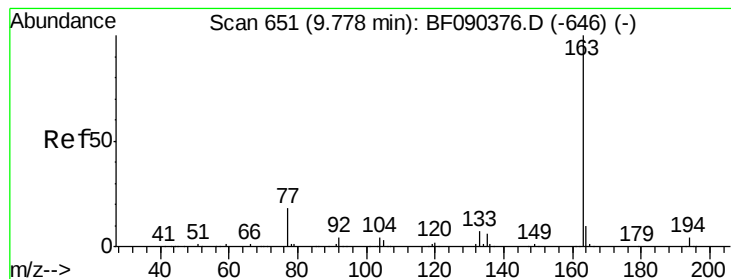
#44
 2-Fluorobiphenyl
 Concen: 15.15 ng
 RT: 9.37 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090419.D
 Acq: 6 Oct 2016 9:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	31.8	47.8
170	24.2	21.7	32.5



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: 4.27 ng

RT: 9.75 min Scan# 649

Delta R.T. -0.02 min

Lab File: BF090419.D

Acq: 6 Oct 2016 9:35

Instrument :

BNA_F

ClientSampleId :

SB-BC-2-10032016

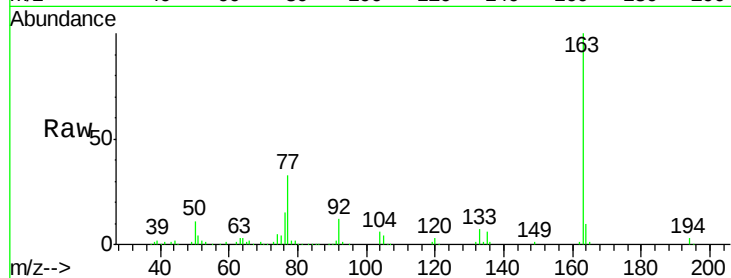
Tot Ion:163 Resp: 164661

Ion Ratio Lower Upper

163 100

194 2.6 2.8 4.2#

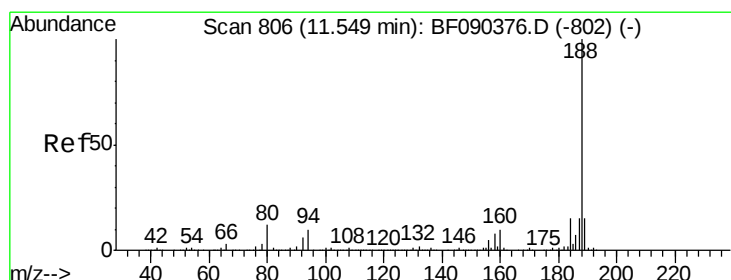
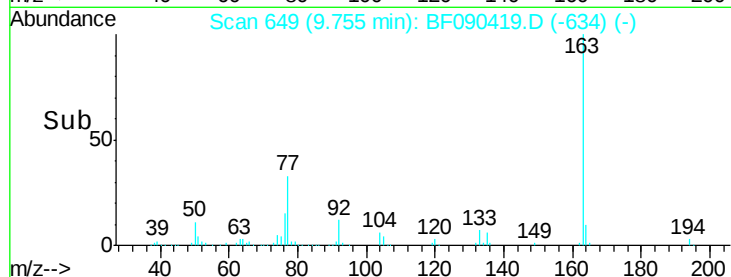
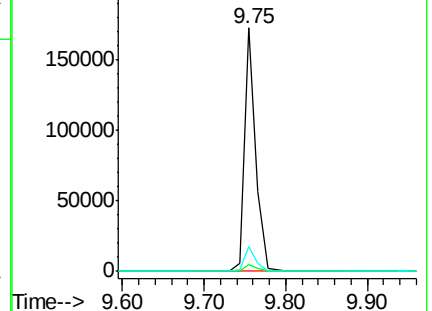
164 10.1 9.0 13.4



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: 11.54 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF090419.D

Acq: 6 Oct 2016 9:35

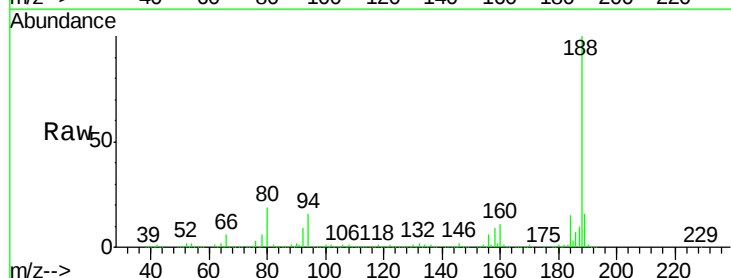
Tgt Ion:188 Resp: 875339

Ion Ratio Lower Upper

188 100

94 16.0 8.2 12.2#

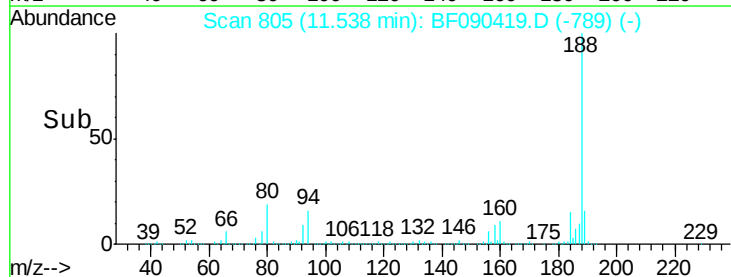
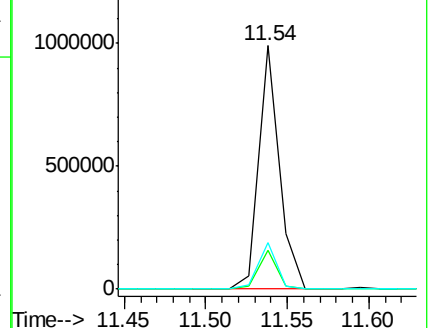
80 19.0 8.8 13.2#

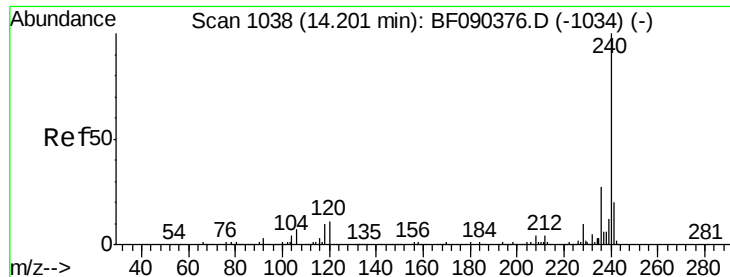


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF090419.D

Acq: 6 Oct 2016 9:35

Instrument :

BNA_F

ClientSampleId :

SB-BC-2-10032016

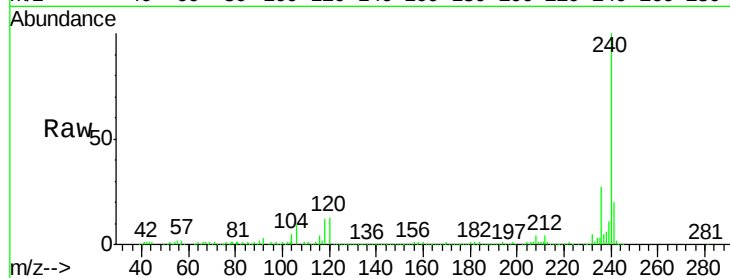
Tot Ion:240 Resp: 655734

Ion Ratio Lower Upper

240 100

120 13.4 8.6 13.0#

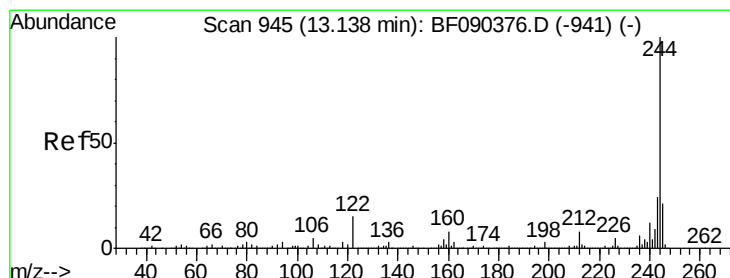
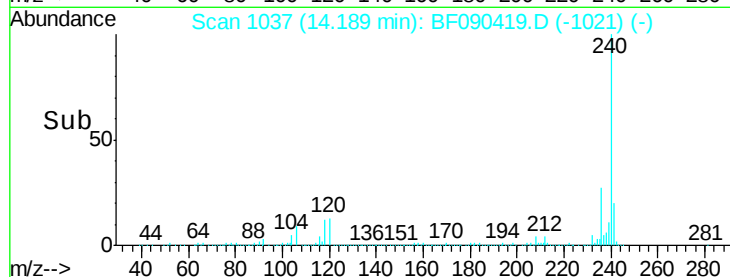
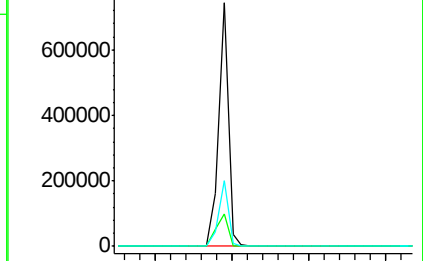
236 26.9 21.6 32.4



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: 14.76 ng

RT: 13.13 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF090419.D

Acq: 6 Oct 2016 9:35

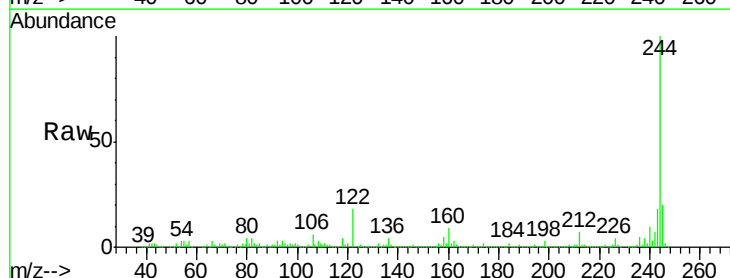
Tgt Ion:244 Resp: 430450

Ion Ratio Lower Upper

244 100

212 7.3 6.8 10.2

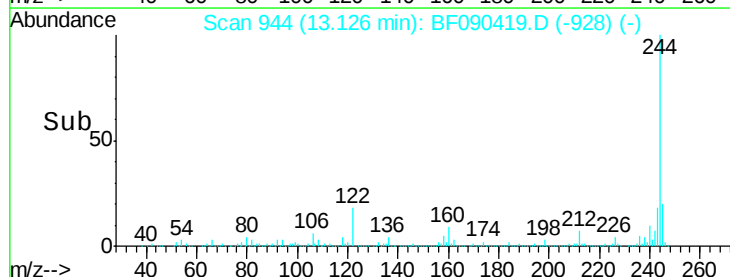
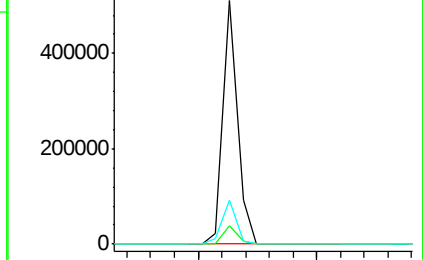
122 17.8 13.3 19.9

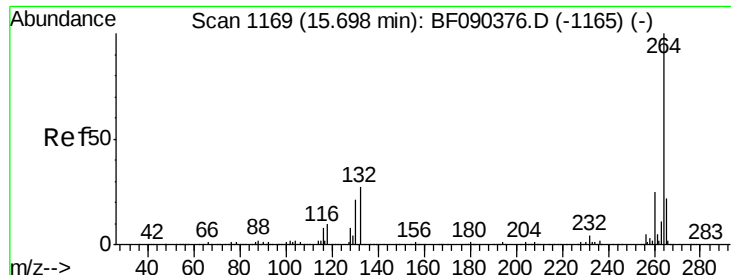


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

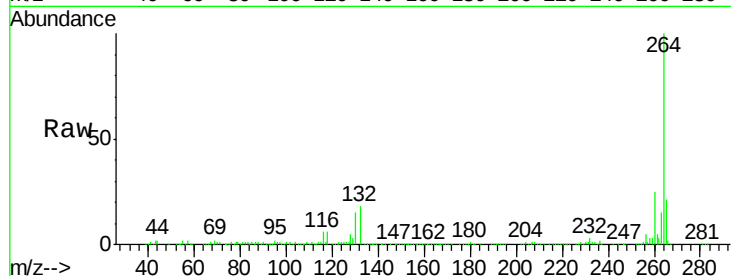




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.70 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF090419.D
Acq: 6 Oct 2016 9:35

Instrument :
BNA_F
ClientSampleId :
SB-BC-2-10032016

Tot Ion:	264	Resp:	511358
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.3	28.9
265	21.4	17.4	26.0



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

