

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
 Data File : BF090416.D
 Acq On : 6 Oct 2016 8:01
 Operator : UM/SJ
 Sample : PB93730TB
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93730TB

Quant Time: Oct 06 13:09:06 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	253066	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	1062132	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	551843	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	825288	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	680424	20.00	ng	-0.01
86) Perylene-d12	15.69	264	456102	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1700582	100.29	ng	0.01
7) Phenol-d6	6.62	99	2086780	93.96	ng	0.00
23) Nitrobenzene-d5	7.56	82	1298022	59.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	425236	94.77	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	1954474	59.01	ng	-0.01
78) Terphenyl-d14	13.14	244	2308534	76.28	ng	0.00

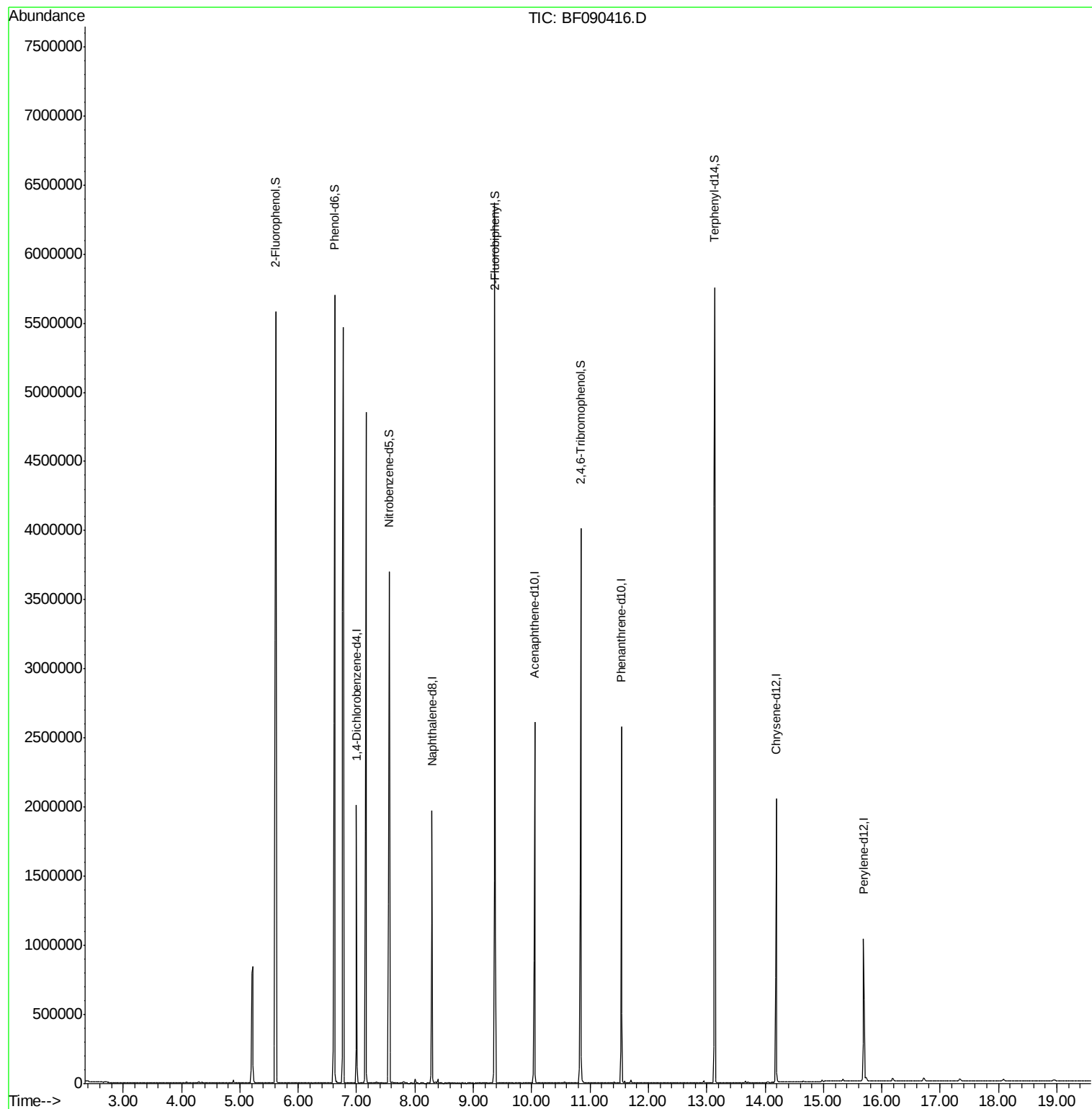
Target Compounds Qvalue

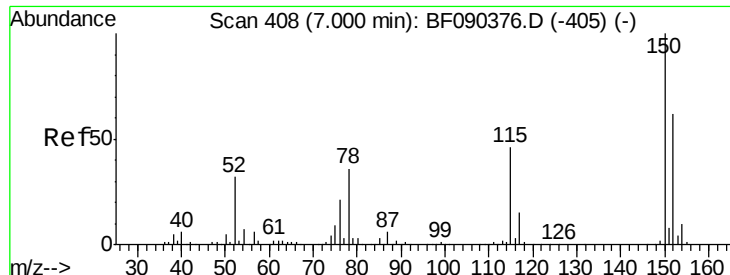
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090416.D

Acq: 6 Oct 2016 8:01

Instrument :

BNA_F

ClientSampleId :

PB93730TB

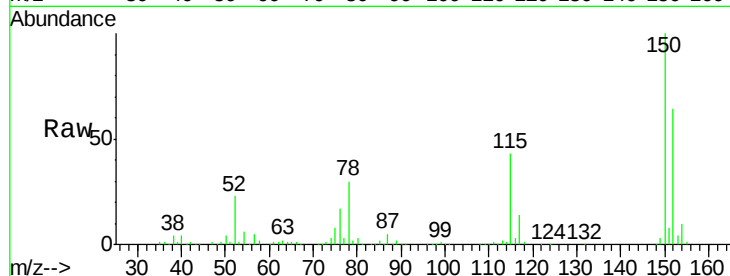
Tot Ion:152 Resp: 253066

Ion Ratio Lower Upper

152 100

150 156.4 124.6 186.8

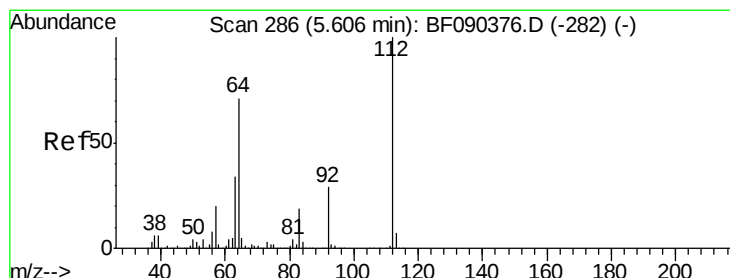
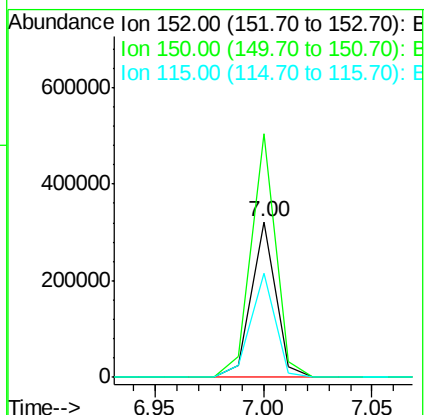
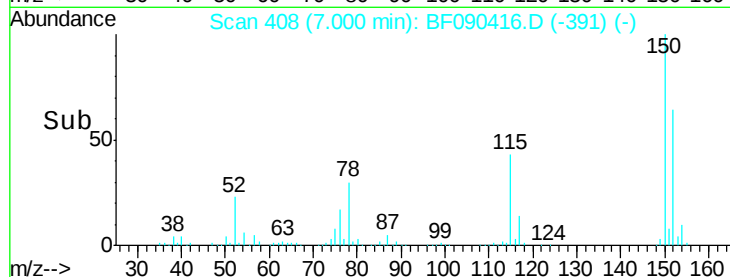
115 66.8 46.2 69.4



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: 100.29 ng

RT: 5.62 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF090416.D

Acq: 6 Oct 2016 8:01

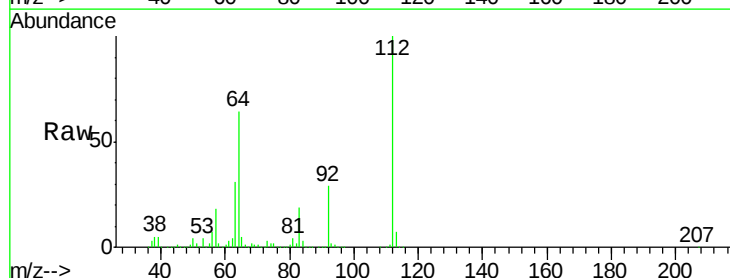
Tgt Ion:112 Resp: 1700582

Ion Ratio Lower Upper

112 100

64 64.5 57.9 86.9

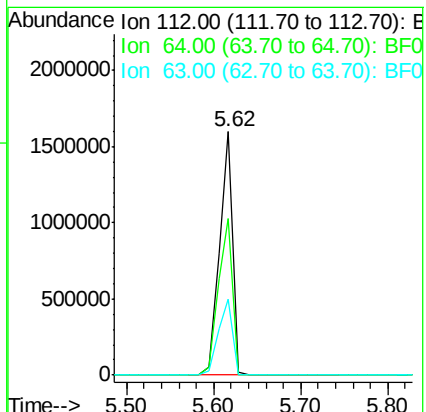
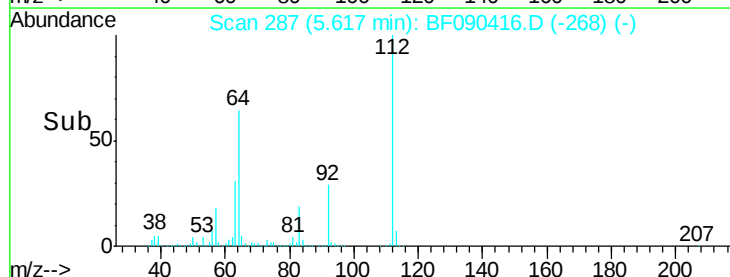
63 31.3 29.6 44.4

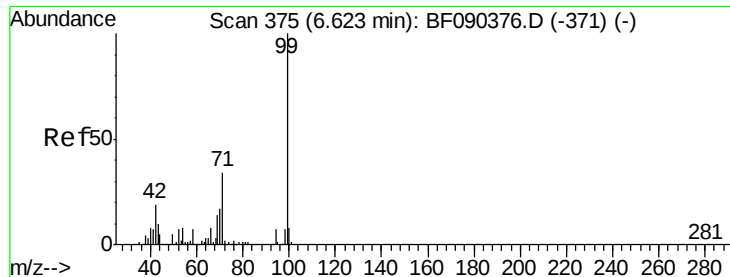


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 93.96 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090416.D

Acq: 6 Oct 2016 8:01

Instrument :

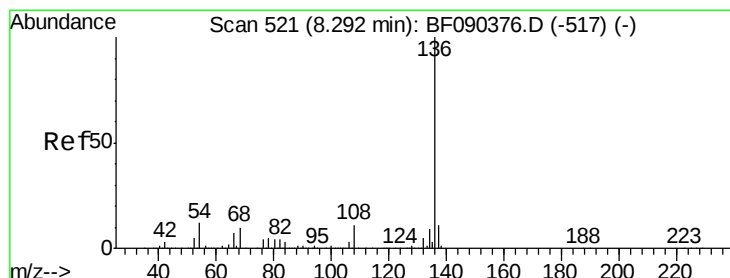
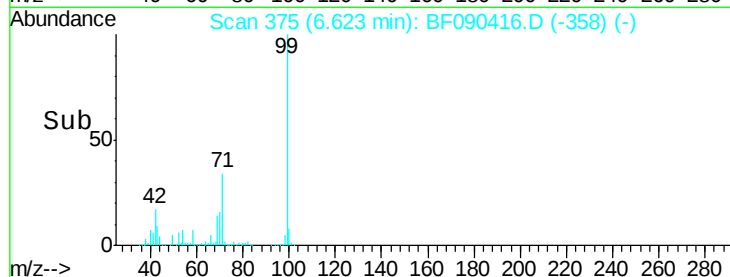
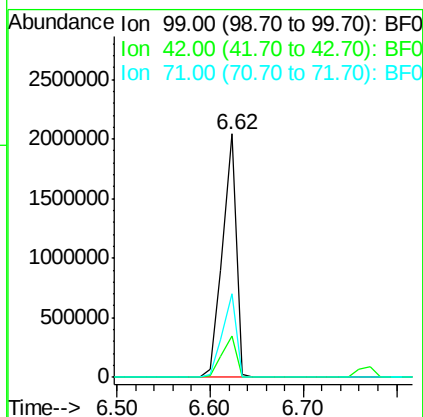
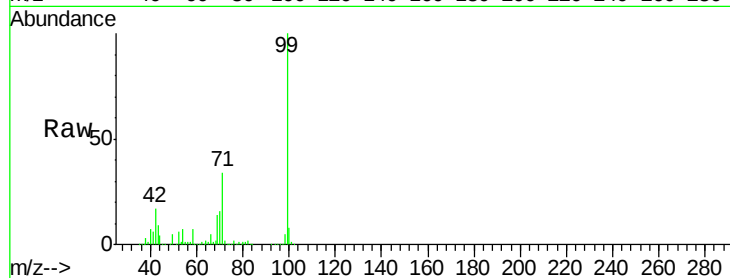
BNA_F

ClientSampleId :

PB93730TB

Tot Ion: 99 Resp: 2086780

Ion	Ratio	Lower	Upper
99	100		
42	17.3	20.0	30.0#
71	34.1	27.9	41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.29 min Scan# 521

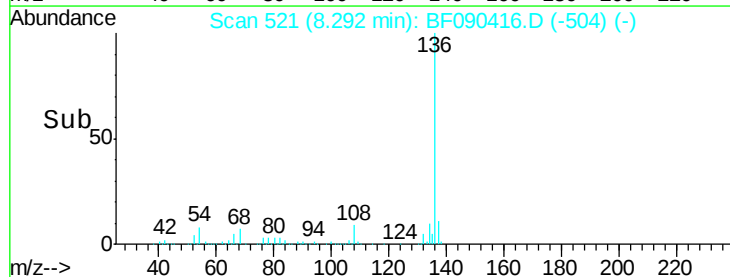
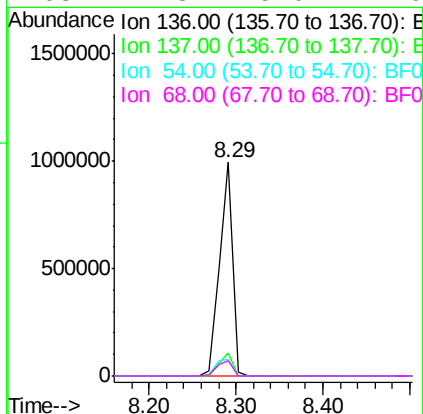
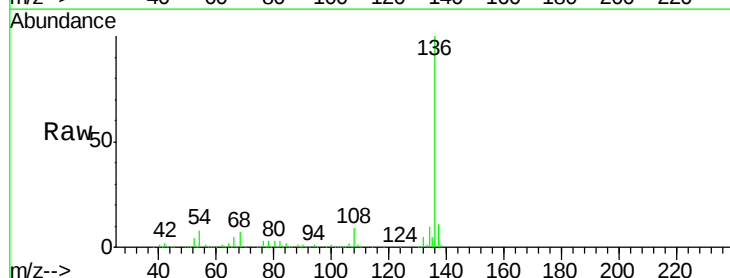
Delta R.T. -0.00 min

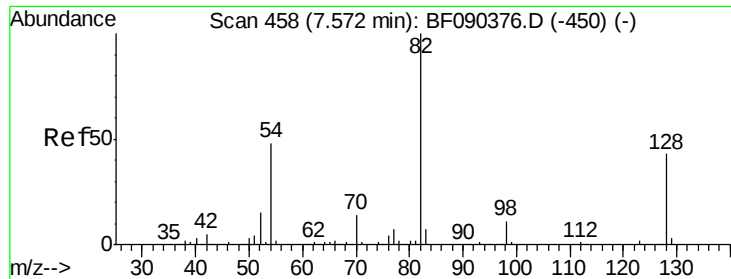
Lab File: BF090416.D

Acq: 6 Oct 2016 8:01

Tgt Ion: 136 Resp: 1062132

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	8.1	6.6	10.0
68	7.3	5.0	7.6

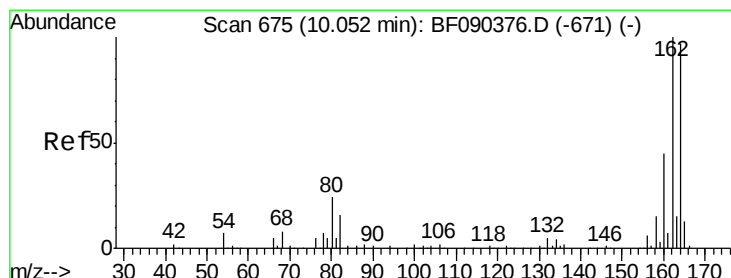
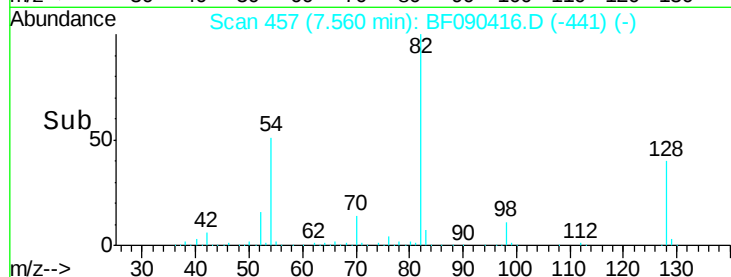
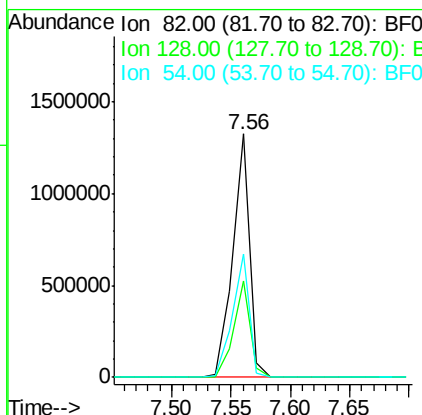
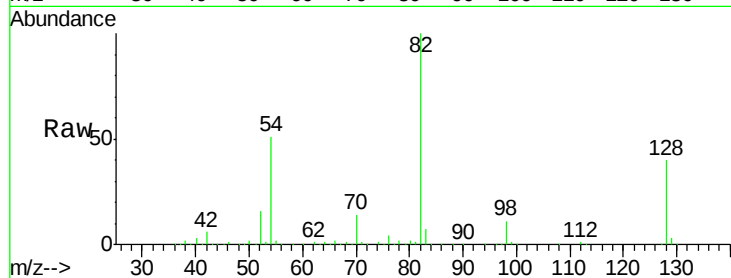




#23
 Nitrobenzene-d5
 Concen: 59.45 ng
 RT: 7.56 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF090416.D
 Acq: 6 Oct 2016 8:01

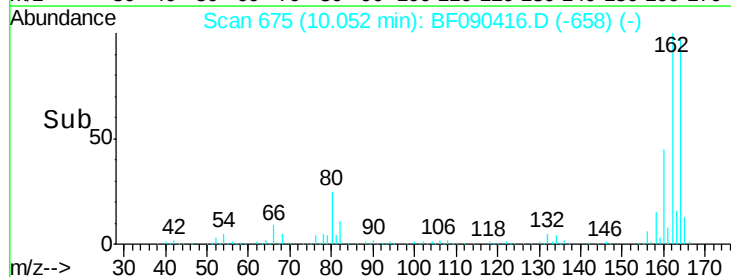
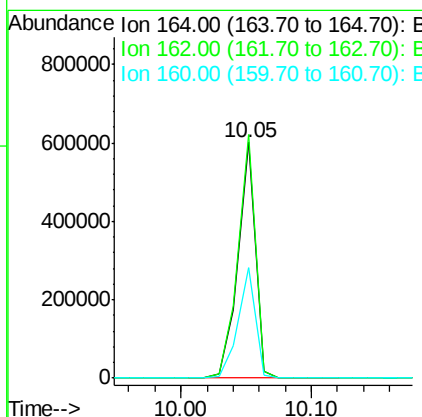
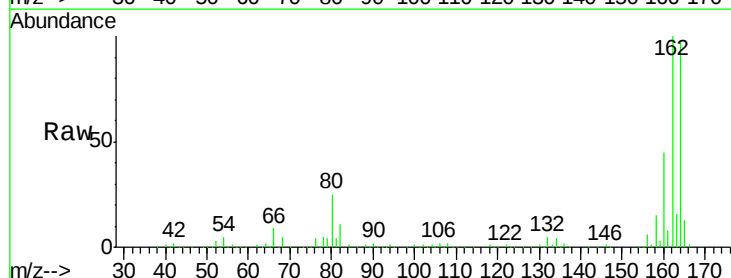
Instrument :
 BNA_F
 ClientSampleId :
 PB93730TB

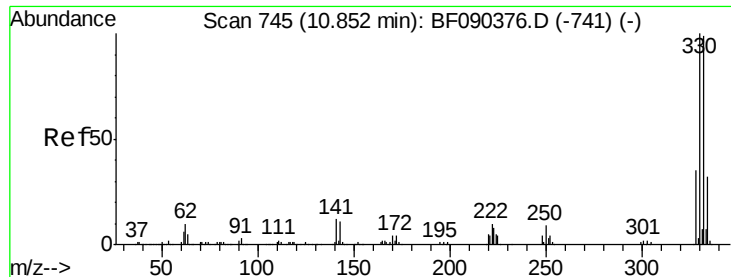
Tot Ion: 82 Resp: 1298022
 Ion Ratio Lower Upper
 82 100
 128 39.7 40.0 60.0#
 54 50.9 42.6 64.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.05 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF090416.D
 Acq: 6 Oct 2016 8:01

Tgt Ion:164 Resp: 551843
 Ion Ratio Lower Upper
 164 100
 162 103.5 80.1 120.1
 160 47.1 36.3 54.5

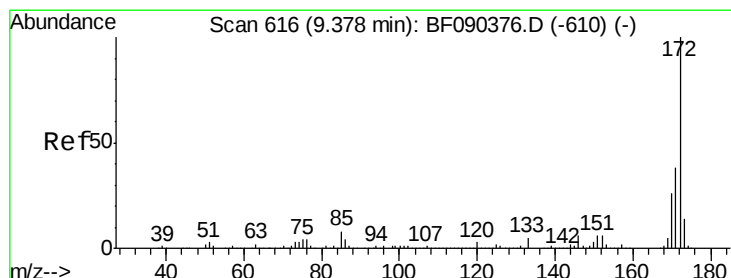
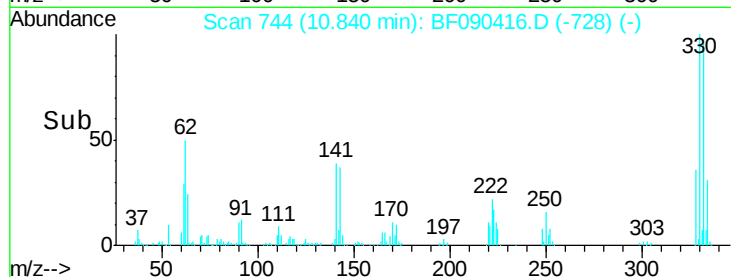
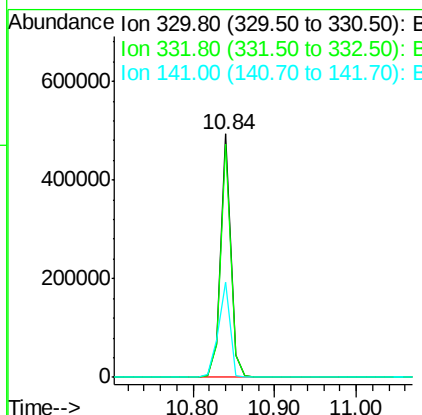
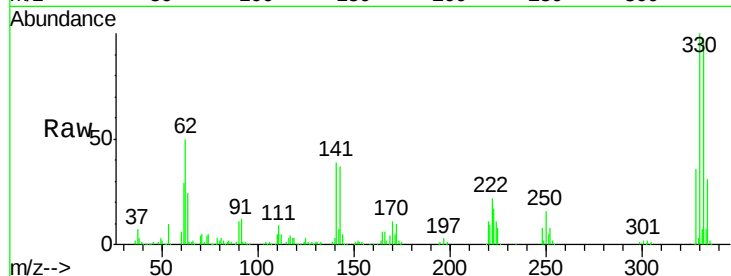




#41
 2,4,6-Tribromophenol
 Concen: 94.77 ng
 RT: 10.84 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090416.D
 Acq: 6 Oct 2016 8:01

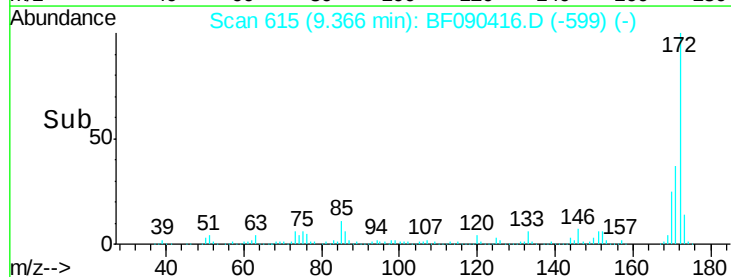
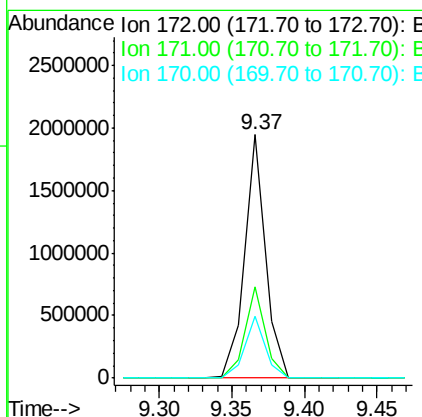
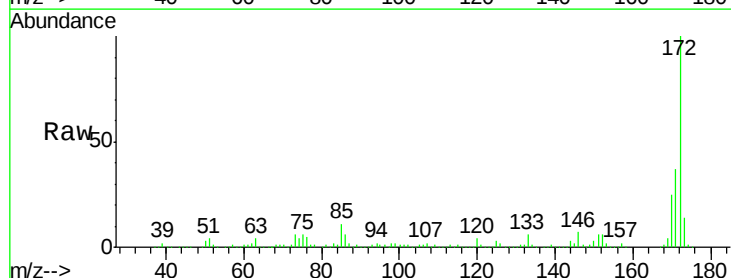
Instrument :
 BNA_F
 ClientSampleId :
 PB93730TB

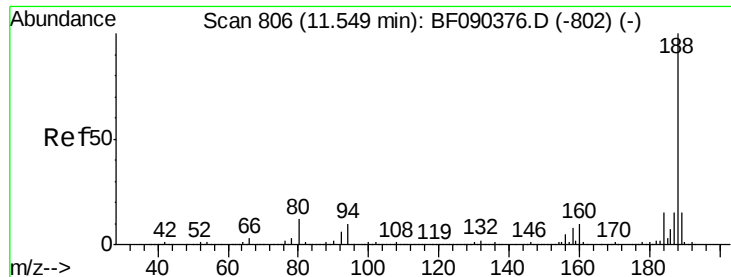
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.4	113.0
141	45.3	26.9	40.3



#44
 2-Fluorobiphenyl
 Concen: 59.01 ng
 RT: 9.37 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090416.D
 Acq: 6 Oct 2016 8:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.8	47.8
170	25.4	21.7	32.5

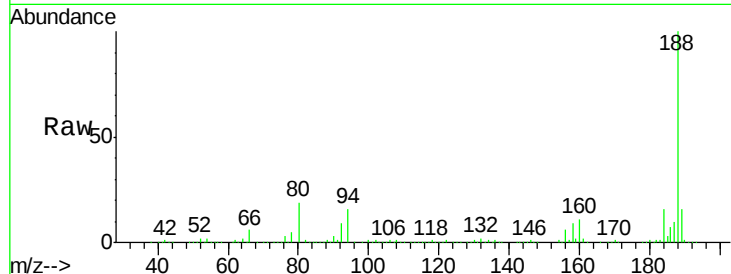




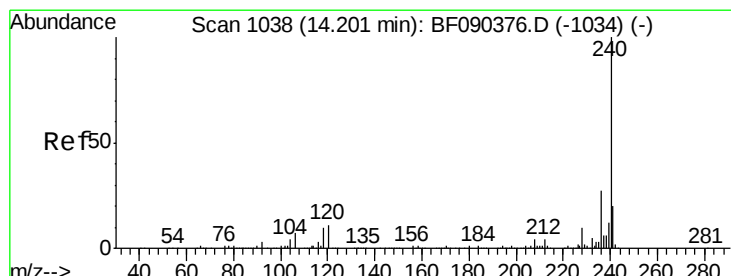
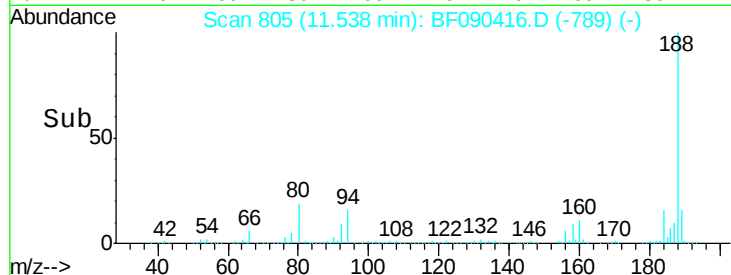
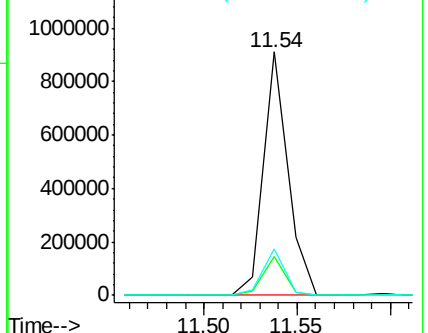
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.54 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF090416.D
Acq: 6 Oct 2016 8:01

Instrument :
BNA_F
ClientSampleId :
PB93730TB

Tot Ion:188 Resp: 825288
Ion Ratio Lower Upper
188 100
94 16.2 8.2 12.2#
80 19.3 8.8 13.2#

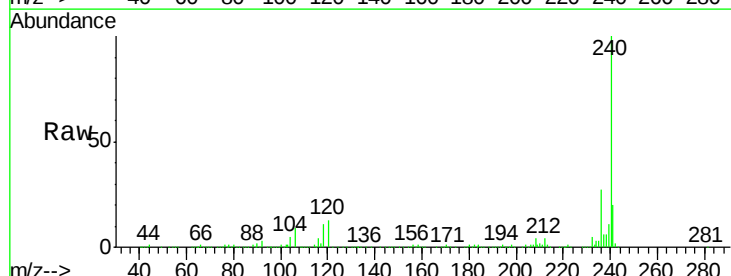


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

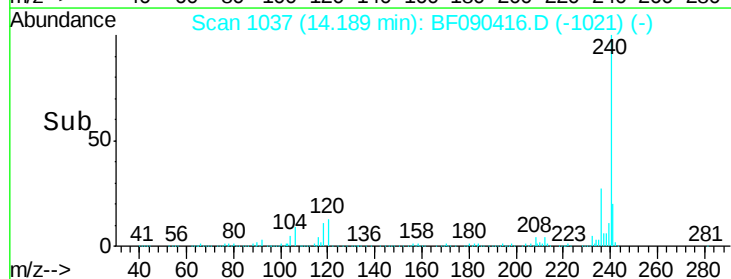
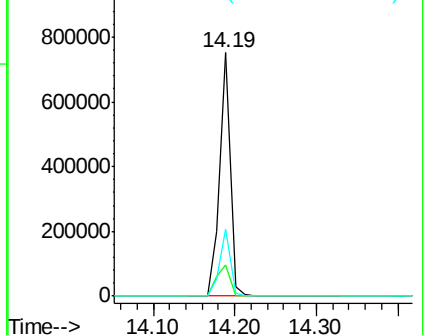


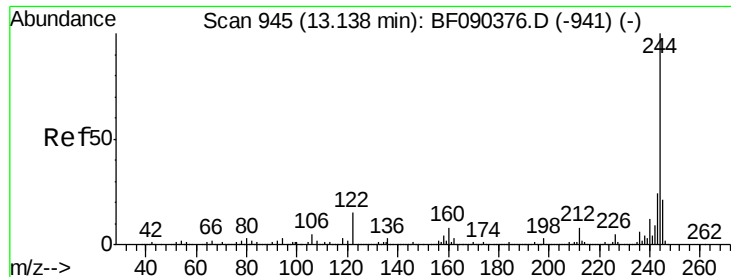
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF090416.D
Acq: 6 Oct 2016 8:01

Tgt Ion:240 Resp: 680424
Ion Ratio Lower Upper
240 100
120 12.7 8.6 13.0
236 27.3 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: 76.28 ng

RT: 13.14 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF090416.D

Acq: 6 Oct 2016 8:01

Instrument :

BNA_F

ClientSampleID :

PB93730TB

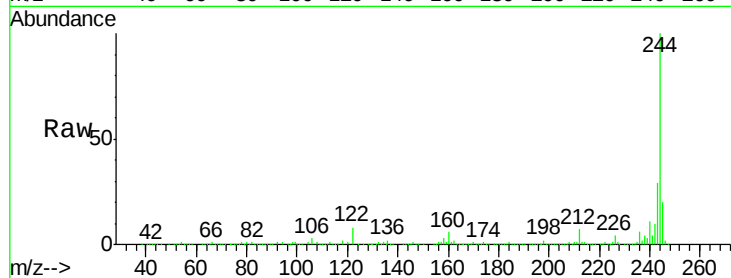
Tot Ion:244 Resp: 2308534

Ion Ratio Lower Upper

244 100

212 6.9 6.8 10.2

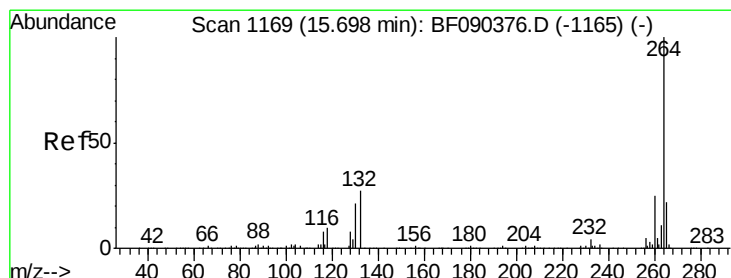
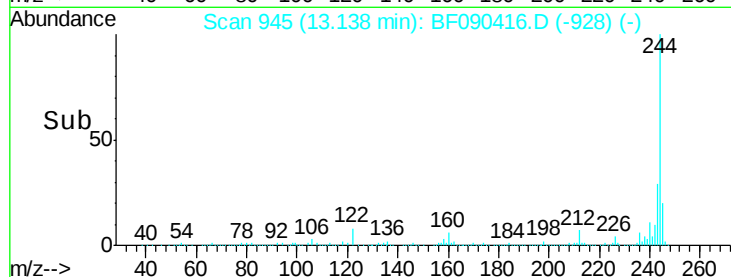
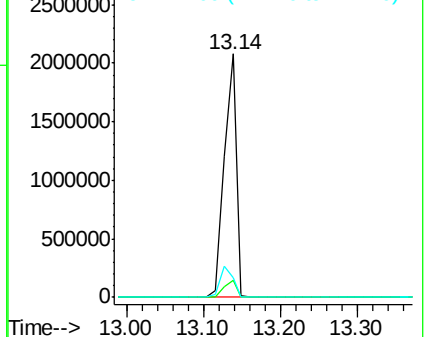
122 8.2 13.3 19.9#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.69 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF090416.D

Acq: 6 Oct 2016 8:01

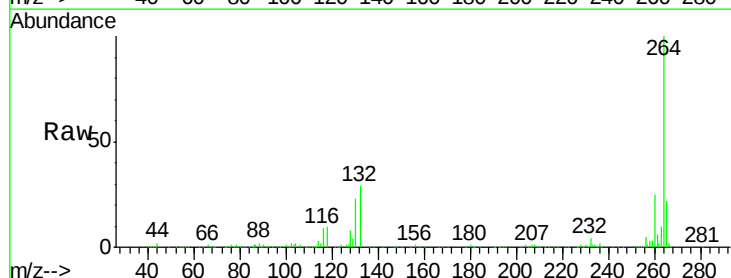
Tgt Ion:264 Resp: 456102

Ion Ratio Lower Upper

264 100

260 24.8 19.3 28.9

265 22.0 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

