

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
 Data File : BF090667.D
 Acq On : 20 Oct 2016 00:13
 Operator : UM/SJ
 Sample : PB94179BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94179BL

Quant Time: Oct 20 02:19:47 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	206493	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	871246	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	451321	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	666261	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	445422	20.00	ng	-0.01
86) Perylene-d12	15.50	264	440849	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1580683	140.33	ng	0.01
7) Phenol-d6	6.52	99	2002137	119.62	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1230114	78.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	318318	79.11	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2060633	75.23	ng	-0.01
78) Terphenyl-d14	13.00	244	1529326	79.94	ng	-0.01

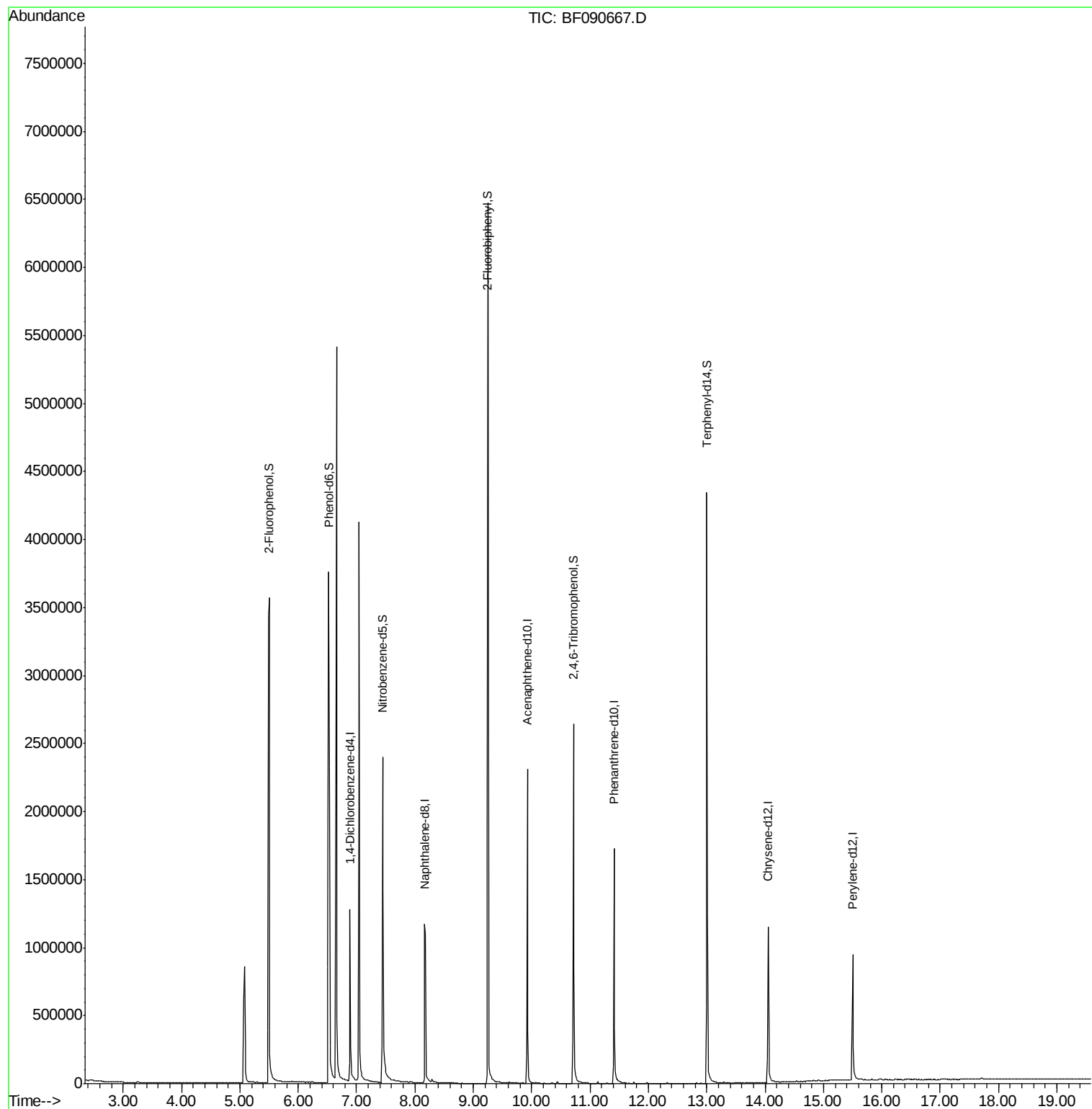
Target Compounds Qvalue

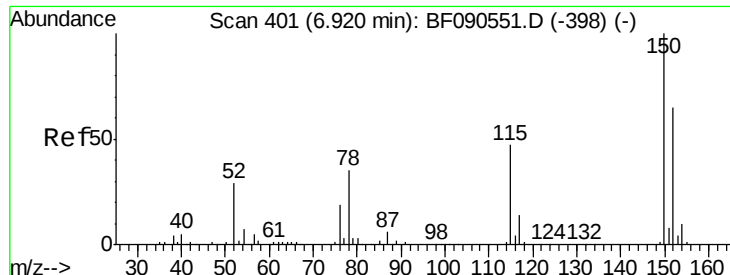
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090667.D
Acq On : 20 Oct 2016 00:13
Operator : UM/SJ
Sample : PB94179BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94179BL

Quant Time: Oct 20 02:19:47 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



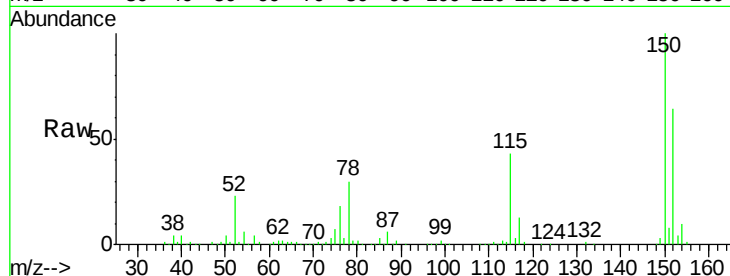


#1

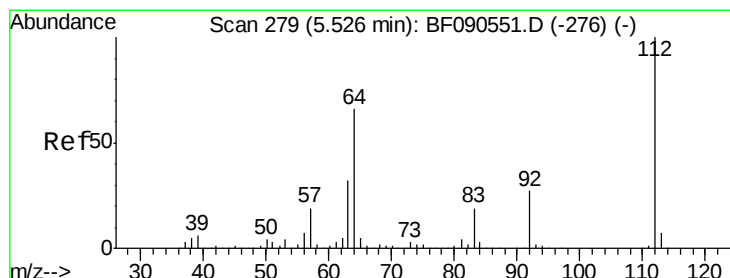
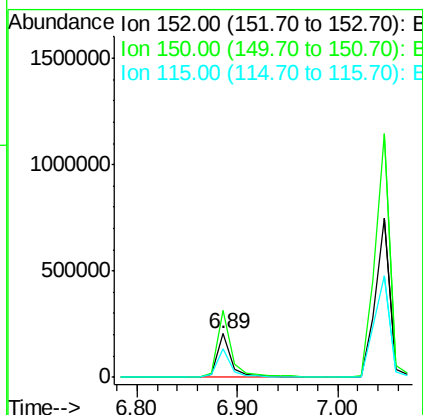
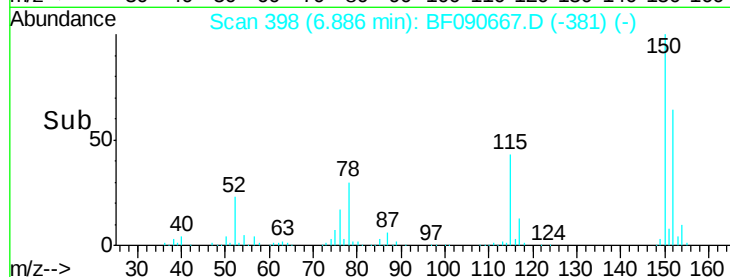
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF090667.D
Acq: 20 Oct 2016 00:13

Instrument :
BNA_F
ClientSampleId :
PB94179BL

Tot Ion:152 Resp: 206493
Ion Ratio Lower Upper
152 100
150 155.2 127.2 190.8
115 66.3 58.6 88.0



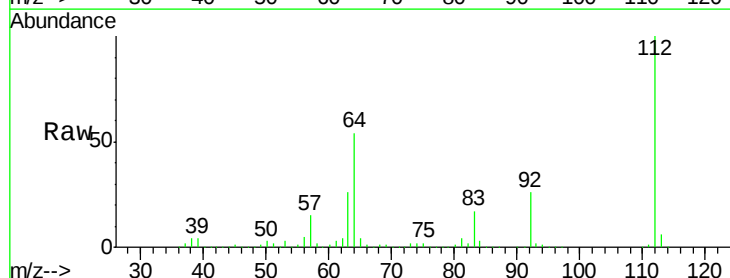
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



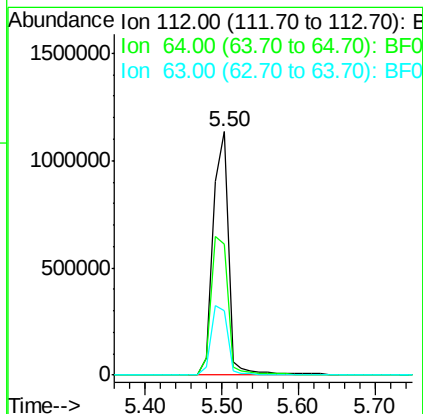
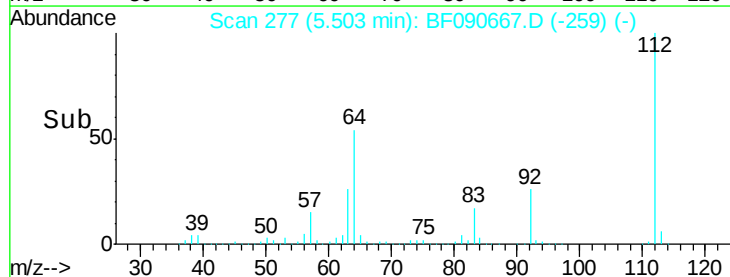
#5

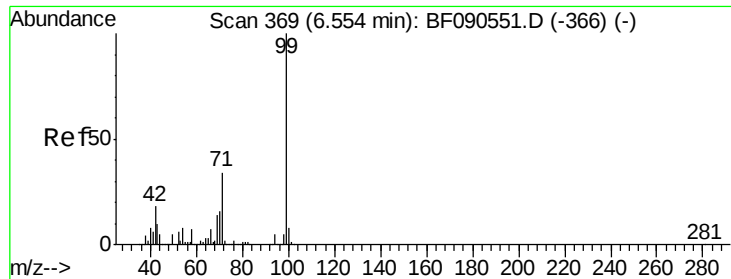
2-Fluorophenol
Concen: 140.33 ng
RT: 5.50 min Scan# 277
Delta R.T. 0.01 min
Lab File: BF090667.D
Acq: 20 Oct 2016 00:13

Tgt Ion:112 Resp: 1580683
Ion Ratio Lower Upper
112 100
64 53.8 52.6 78.8
63 26.4 26.0 39.0



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: 119.62 ng

RT: 6.52 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF090667.D

Acq: 20 Oct 2016 00:13

Instrument :

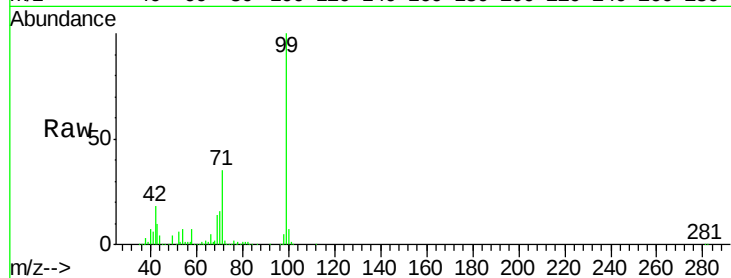
BNA_F

ClientSampleId :

PB94179BL

Tot Ion: 99 Resp: 2002137

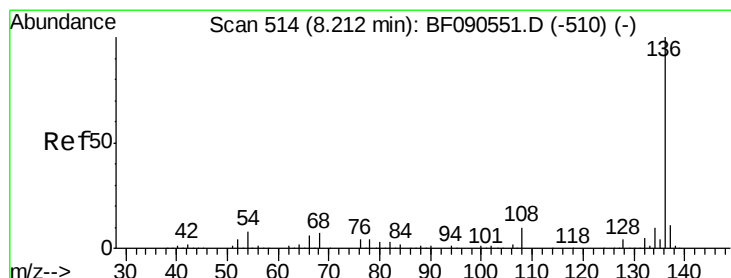
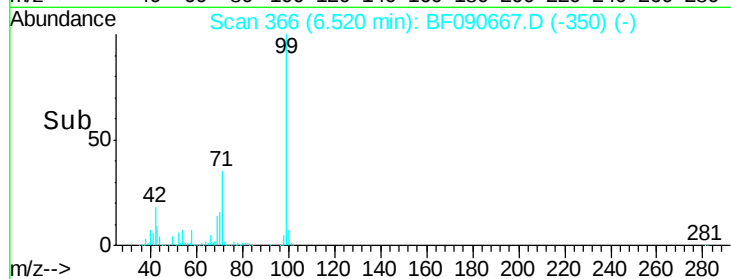
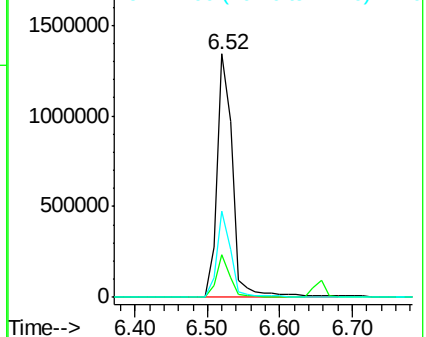
Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.7	22.1
71	35.1	27.6	41.4



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

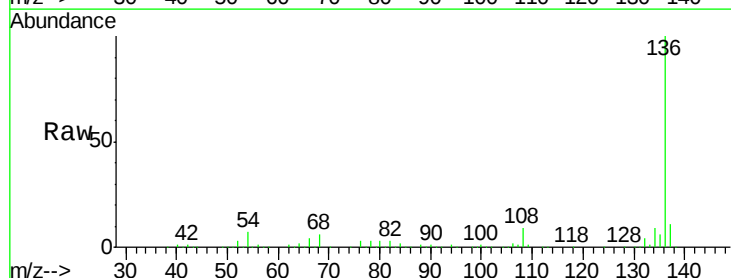
Delta R.T. -0.00 min

Lab File: BF090667.D

Acq: 20 Oct 2016 00:13

Tgt Ion: 136 Resp: 871246

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.6	6.8	10.2#
68	5.8	6.0	9.0#

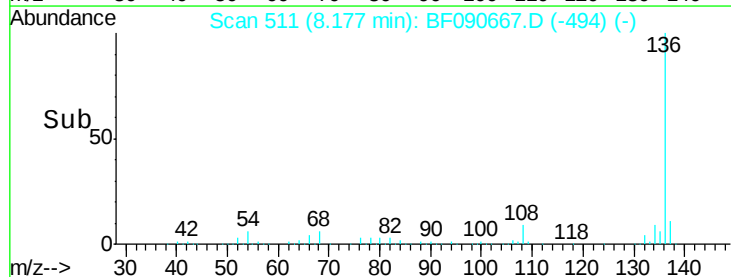
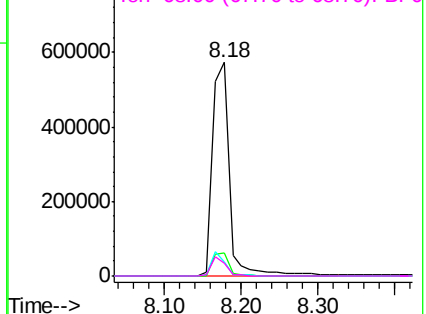


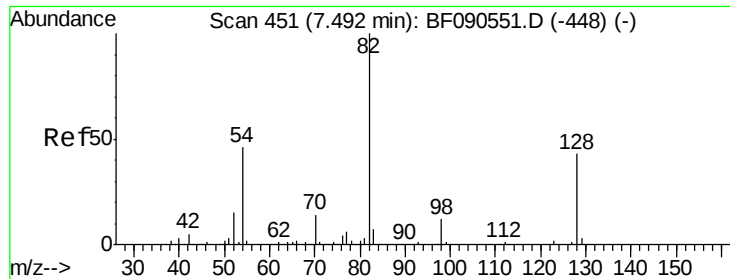
Abundance Ion 136.00 (135.70 to 136.70): E

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

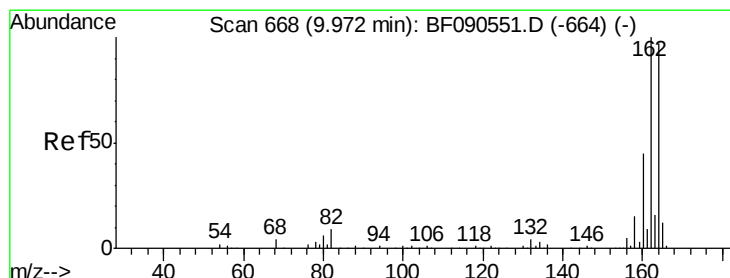
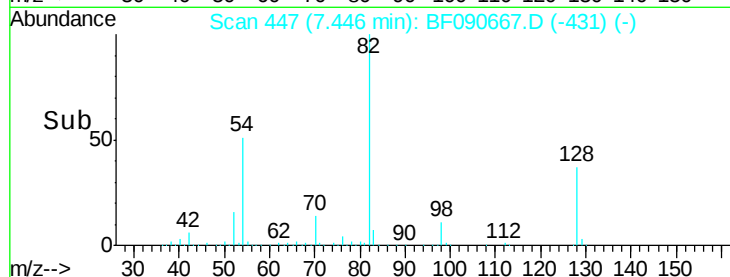
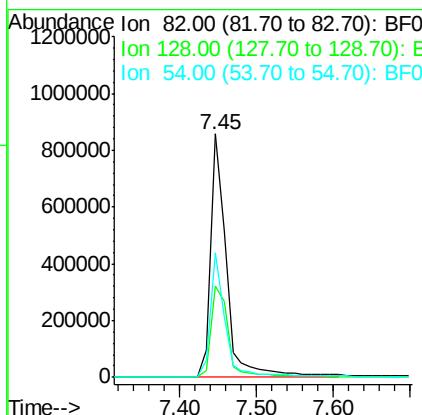
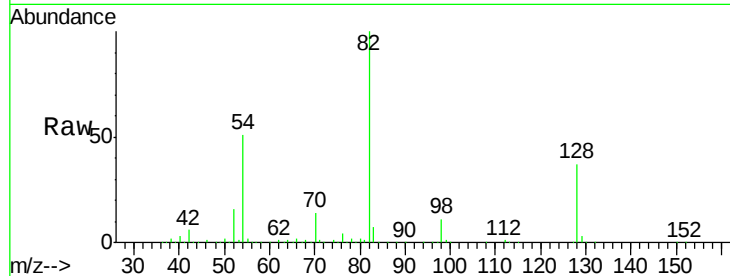




#23
 Nitrobenzene-d5
 Concen: 78.43 ng
 RT: 7.45 min Scan# 447
 Delta R.T. -0.01 min
 Lab File: BF090667.D
 Acq: 20 Oct 2016 00:13

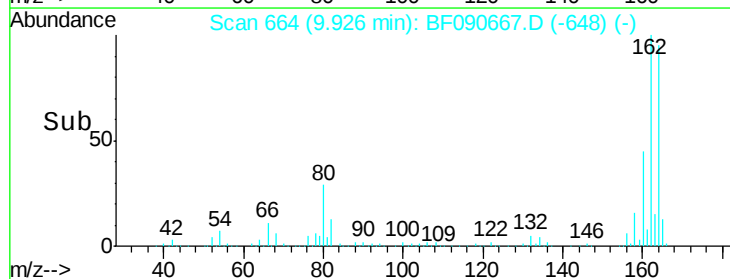
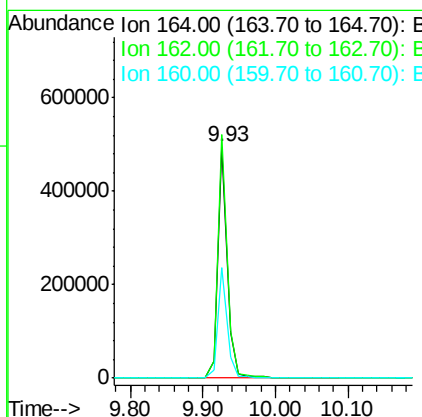
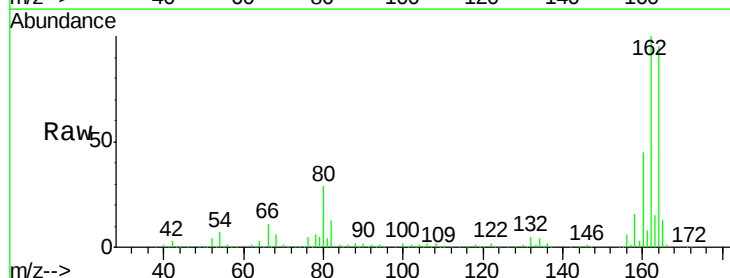
Instrument :
 BNA_F
 ClientSampleID :
 PB94179BL

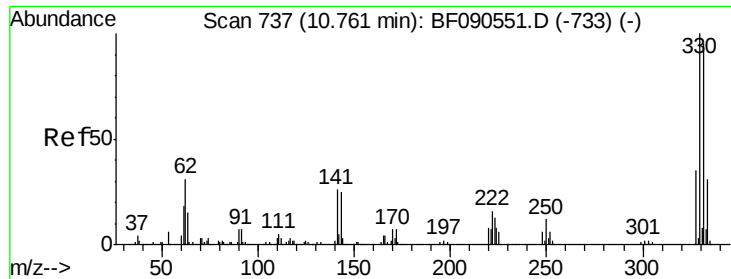
Tot Ion: 82 Resp: 1230114
 Ion Ratio Lower Upper
 82 100
 128 37.3 34.3 51.5
 54 51.4 37.0 55.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF090667.D
 Acq: 20 Oct 2016 00:13

Tgt Ion:164 Resp: 451321
 Ion Ratio Lower Upper
 164 100
 162 105.3 82.2 123.4
 160 47.6 36.6 55.0

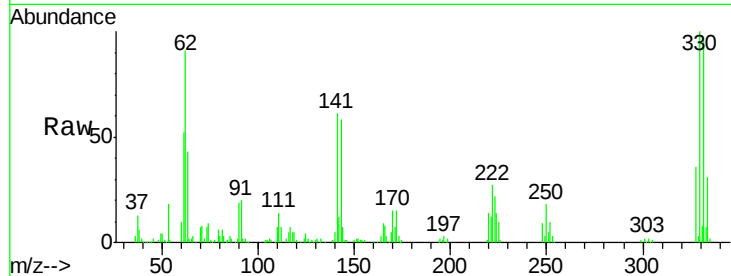




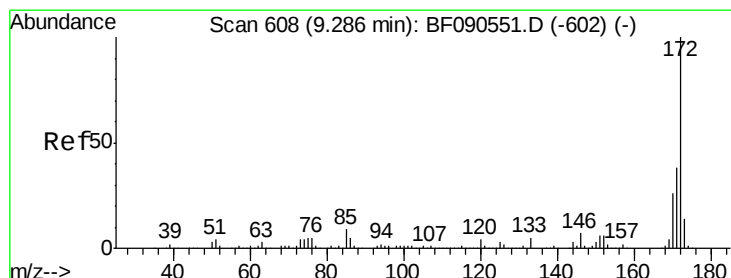
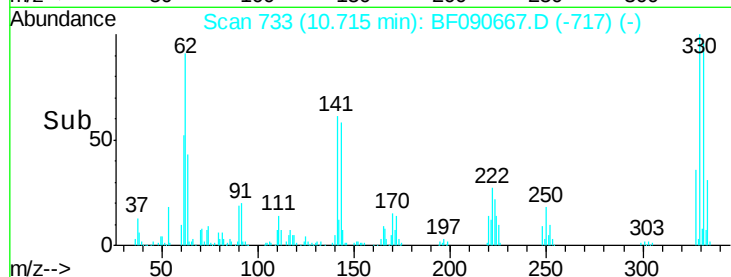
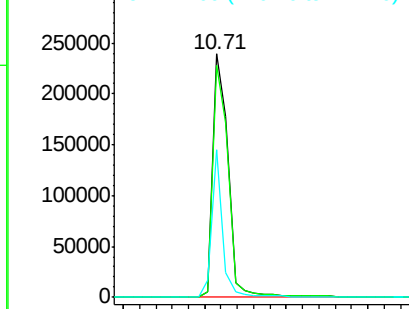
#41
 2,4,6-Tribromophenol
 Concen: 79.11 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF090667.D
 Acq: 20 Oct 2016 00:13

Instrument :
 BNA_F
 ClientSampleId :
 PB94179BL

Tot Ion:330 Resp: 318318
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.2 114.2
 141 44.1 31.4 47.2

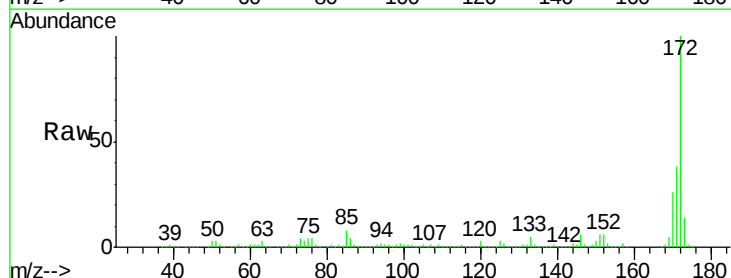


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

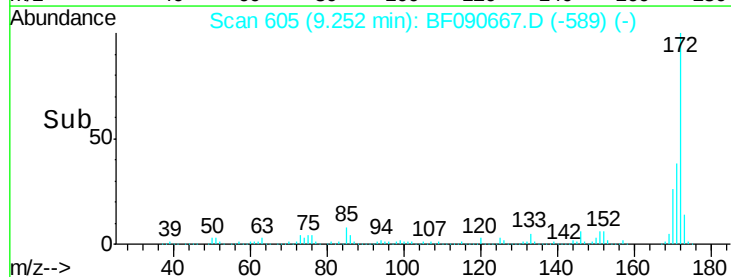
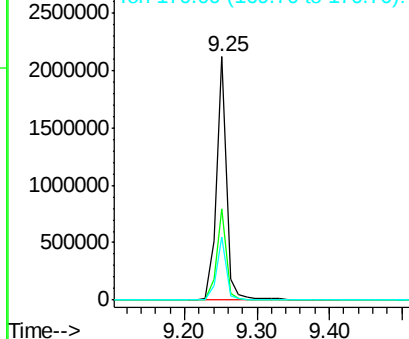


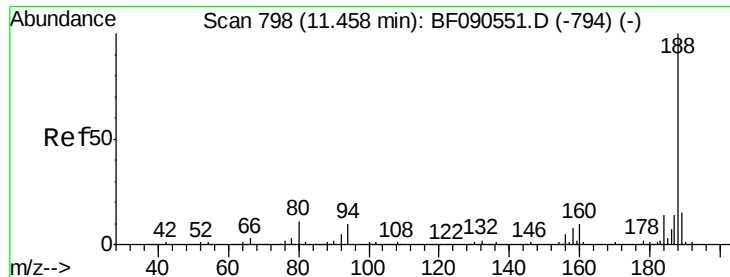
#44
 2-Fluorobiphenyl
 Concen: 75.23 ng
 RT: 9.25 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF090667.D
 Acq: 20 Oct 2016 00:13

Tgt Ion:172 Resp: 2060633
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.1 45.1
 170 26.0 20.6 30.8



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

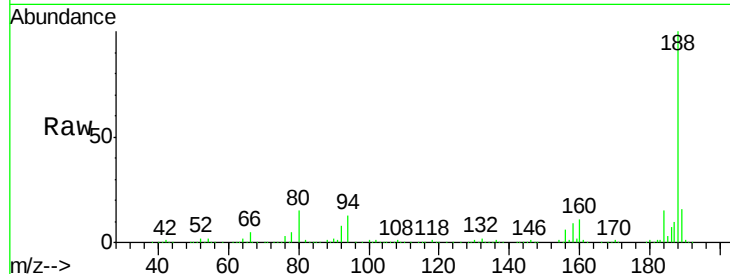




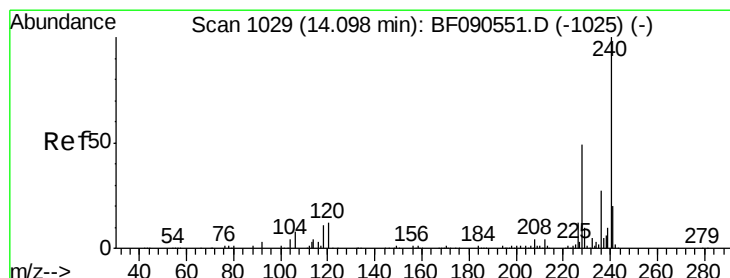
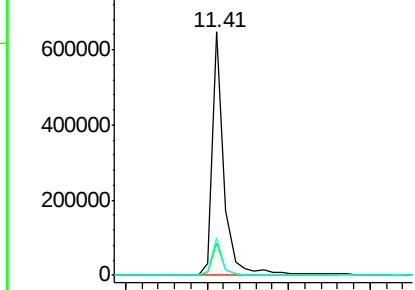
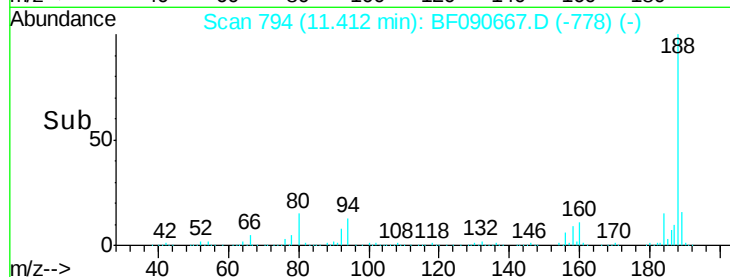
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF090667.D
Acq: 20 Oct 2016 00:13

Instrument :
BNA_F
ClientSampleId :
PB94179BL

Tot Ion:188 Resp: 666261
Ion Ratio Lower Upper
188 100
94 13.4 7.7 11.5#
80 15.5 8.6 12.8#

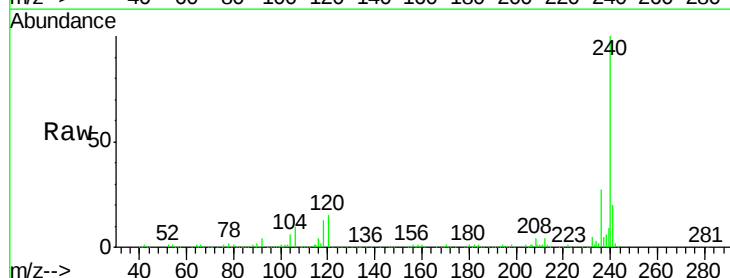


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

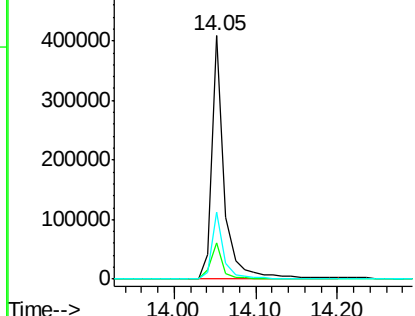
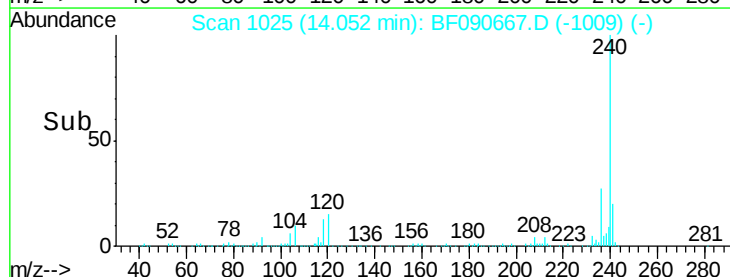


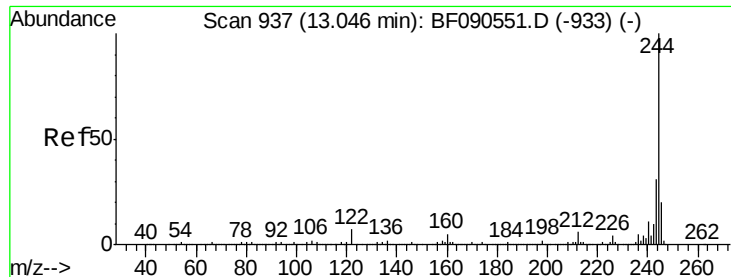
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF090667.D
Acq: 20 Oct 2016 00:13

Tgt Ion:240 Resp: 445422
Ion Ratio Lower Upper
240 100
120 14.9 9.8 14.8#
236 27.3 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: 79.94 ng

RT: 13.00 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF090667.D

Acq: 20 Oct 2016 00:13

Instrument :

BNA_F

ClientSampleId :

PB94179BL

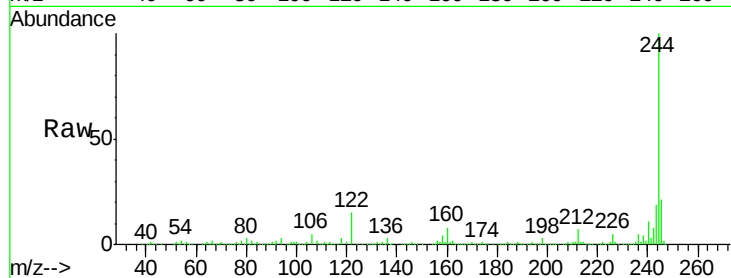
Tot Ion:244 Resp: 1529326

Ion Ratio Lower Upper

244 100

212 7.4 5.0 7.4

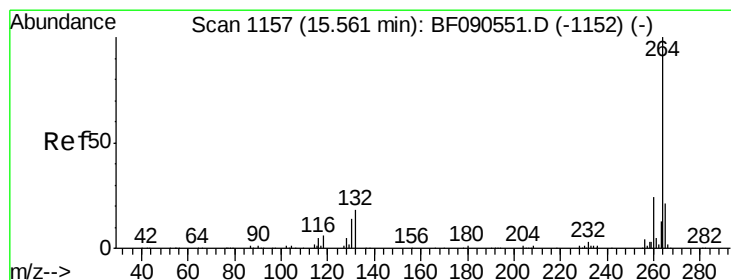
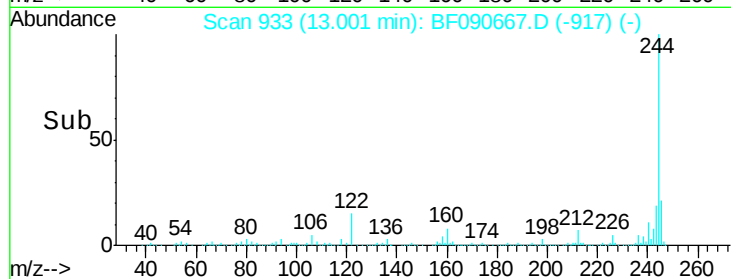
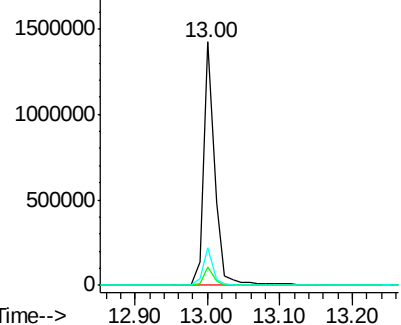
122 15.3 5.6 8.4#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.50 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF090667.D

Acq: 20 Oct 2016 00:13

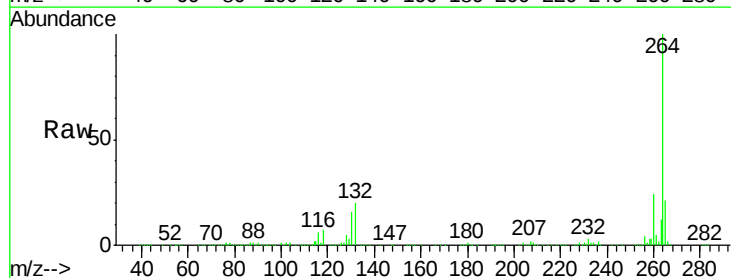
Tgt Ion:264 Resp: 440849

Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 21.3 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

