

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
 Data File : BF090645.D
 Acq On : 19 Oct 2016 14:09
 Operator : UM/SJ
 Sample : PB94156BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94156BL

Quant Time: Oct 19 15:21:27 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	247653	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1062295	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	562893	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	1022939	20.00	ng	0.00
75) Chrysene-d12	14.06	240	927101	20.00	ng	0.00
86) Perylene-d12	15.52	264	746731	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1534950	113.62	ng	0.01
7) Phenol-d6	6.52	99	2073385	103.29	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1226784	64.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	598417	119.24	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	2127050	62.26	ng	-0.01
78) Terphenyl-d14	13.01	244	2605255	65.43	ng	0.00

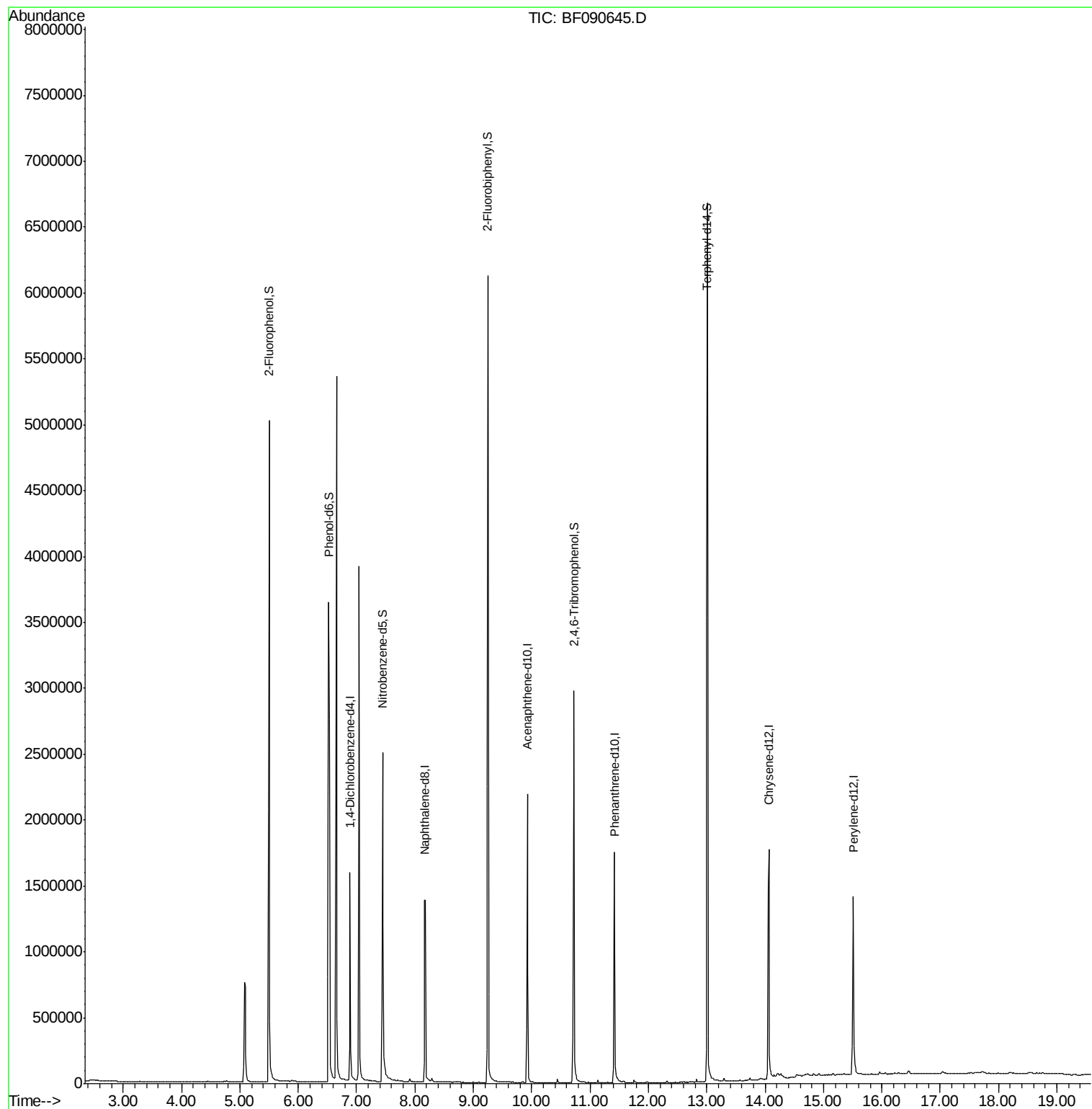
Target Compounds Qvalue

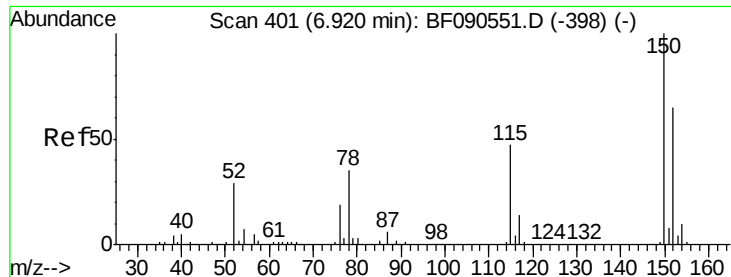
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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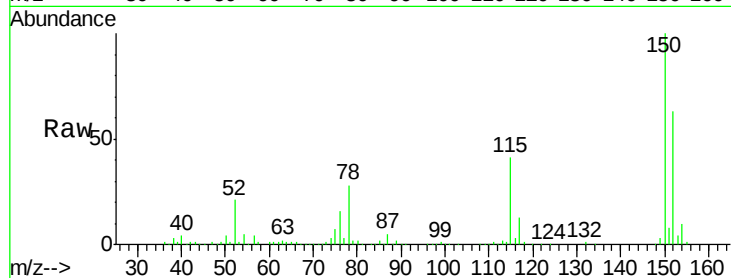


#1

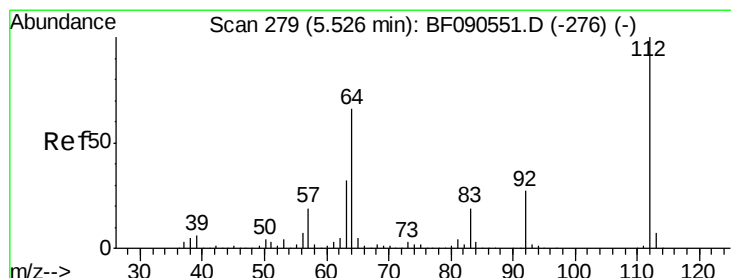
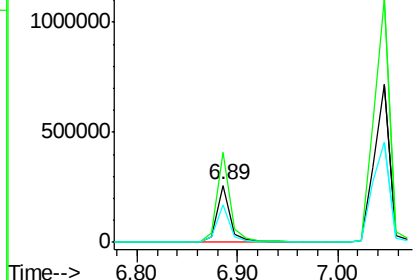
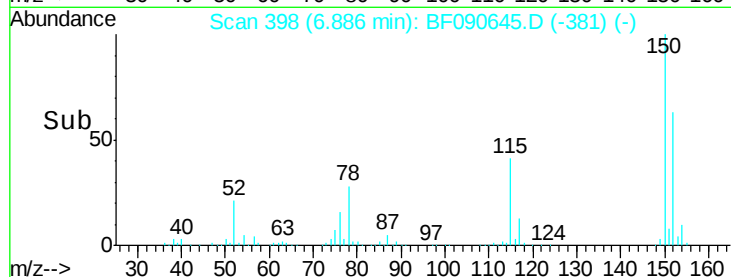
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF090645.D
Acq: 19 Oct 2016 14:09

Instrument :
BNA_F
ClientSampled :
PB94156BL

Tot Ion:152 Resp: 247653
Ion Ratio Lower Upper
152 100
150 157.9 127.2 190.8
115 64.8 58.6 88.0



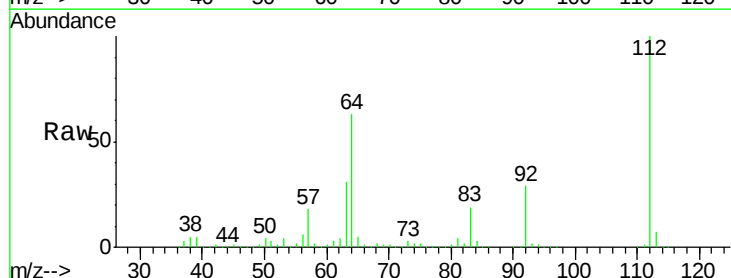
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



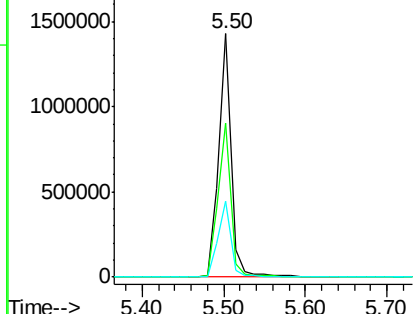
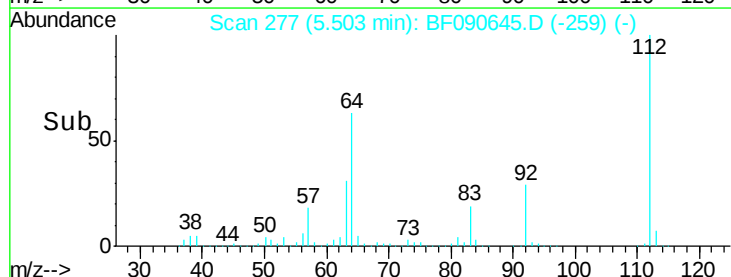
#5

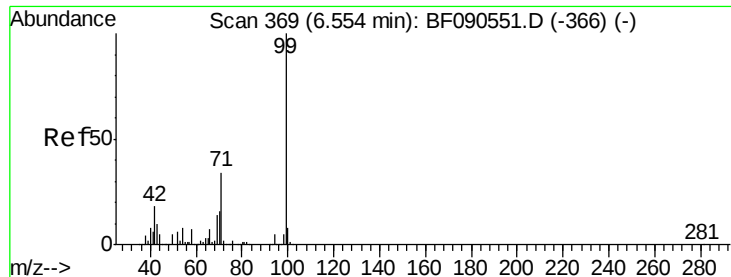
2-Fluorophenol
Concen: 113.62 ng
RT: 5.50 min Scan# 277
Delta R.T. 0.01 min
Lab File: BF090645.D
Acq: 19 Oct 2016 14:09

Tgt Ion:112 Resp: 1534950
Ion Ratio Lower Upper
112 100
64 63.4 52.6 78.8
63 31.3 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: 103.29 ng

RT: 6.52 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF090645.D

Acq: 19 Oct 2016 14:09

Instrument :

BNA_F

ClientSampleId :

PB94156BL

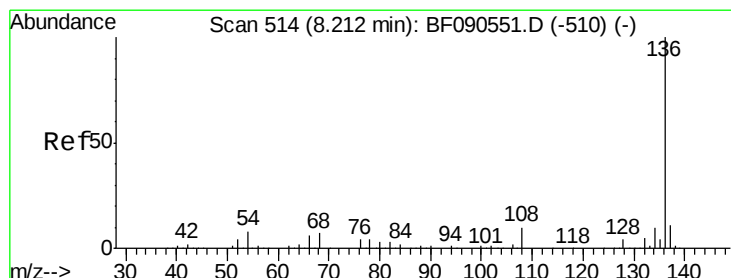
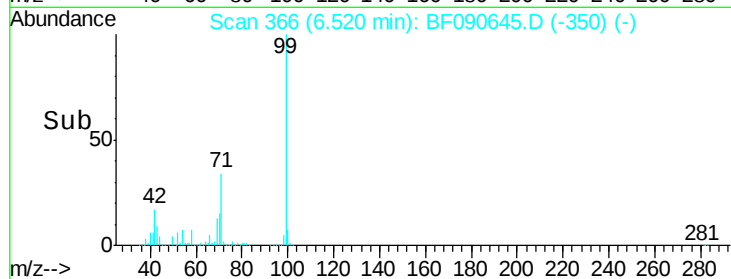
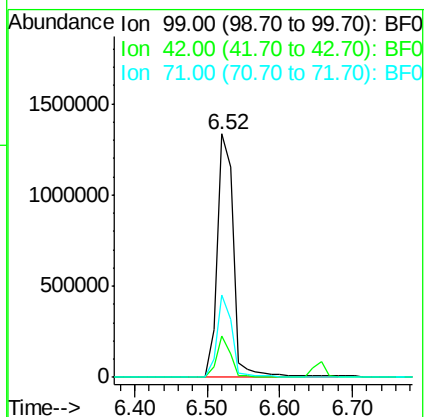
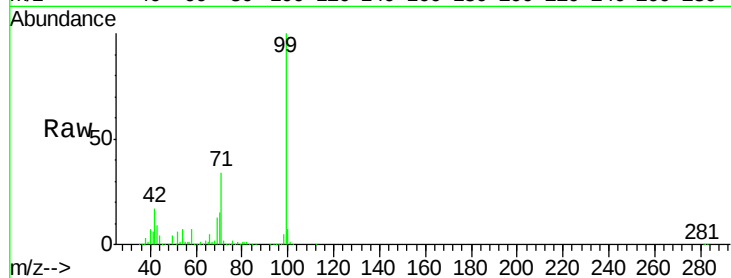
Tot Ion: 99 Resp: 2073385

Ion Ratio Lower Upper

99 100

42 16.9 14.7 22.1

71 33.9 27.6 41.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF090645.D

Acq: 19 Oct 2016 14:09

Tgt Ion: 136 Resp: 1062295

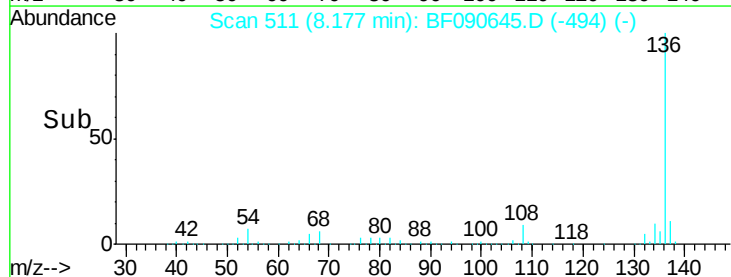
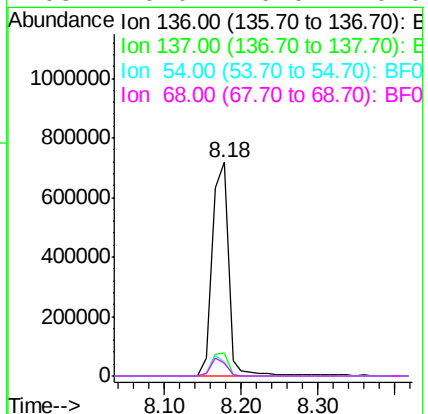
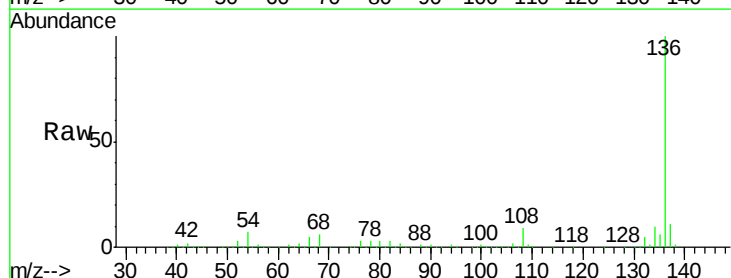
Ion Ratio Lower Upper

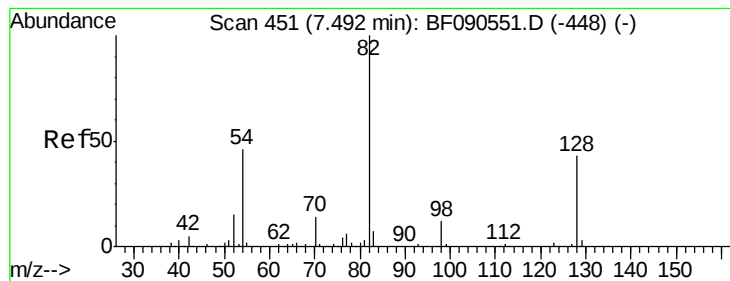
136 100

137 10.7 8.8 13.2

54 6.6 6.8 10.2#

68 6.0 6.0 9.0





#23

Nitrobenzene-d5

Concen: 64.15 ng

RT: 7.45 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF090645.D

Acq: 19 Oct 2016 14:09

Instrument :

BNA_F

ClientSampleId :

PB94156BL

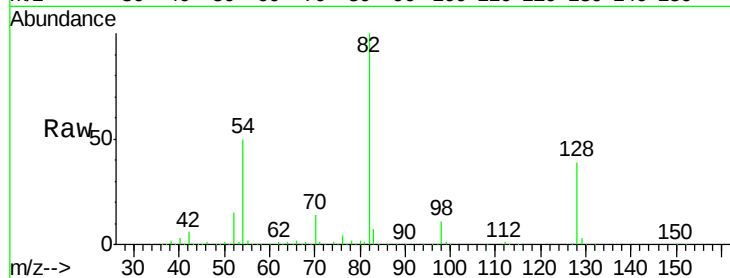
Tot Ion: 82 Resp: 1226784

Ion Ratio Lower Upper

82 100

128 39.5 34.3 51.5

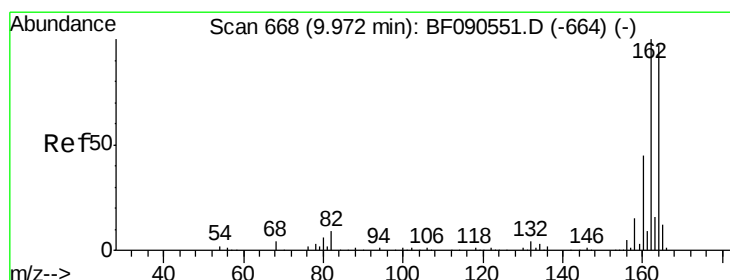
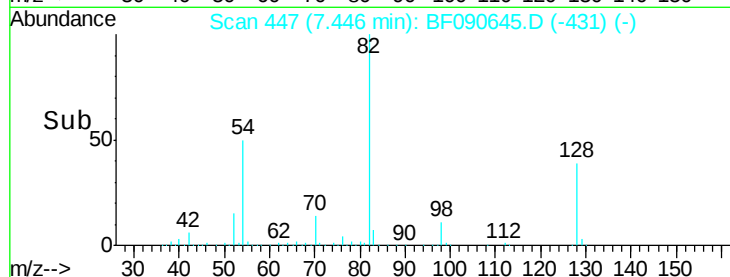
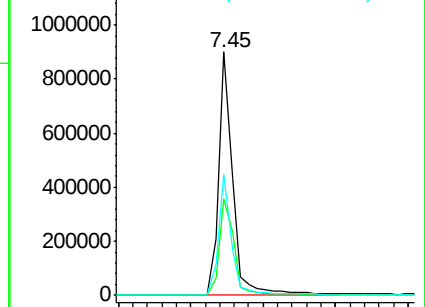
54 49.6 37.0 55.6



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: BF090645.D

Acq: 19 Oct 2016 14:09

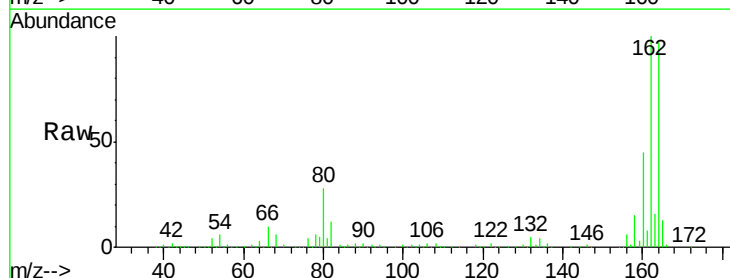
Tgt Ion:164 Resp: 562893

Ion Ratio Lower Upper

164 100

162 103.6 82.2 123.4

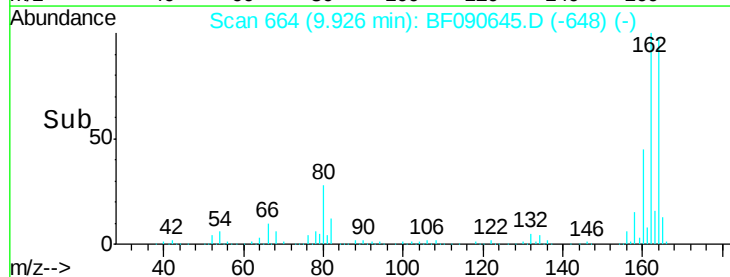
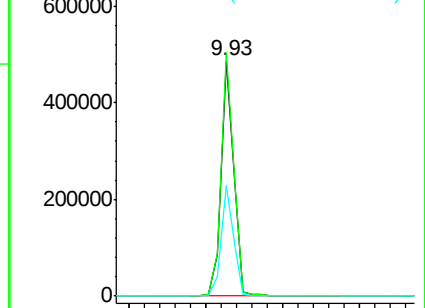
160 46.8 36.6 55.0

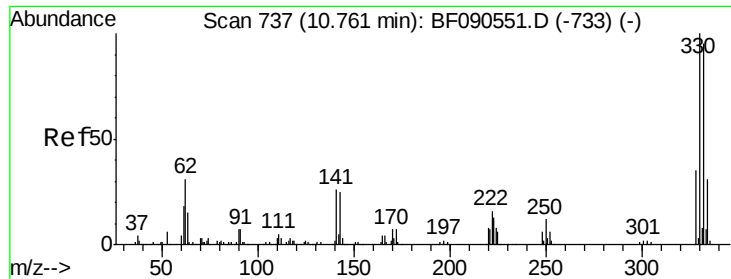


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

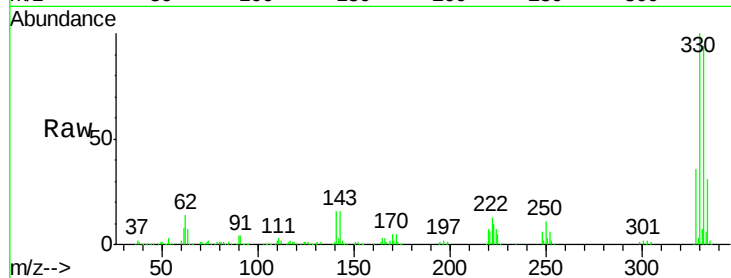




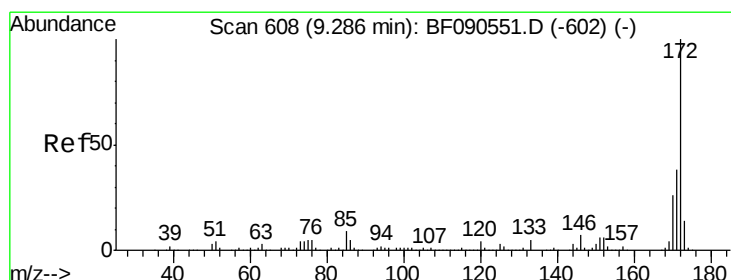
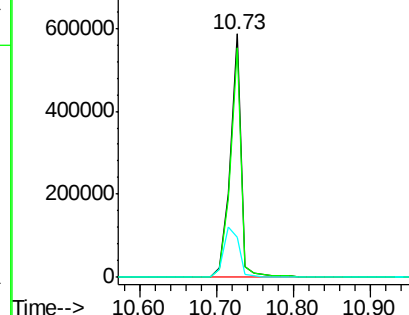
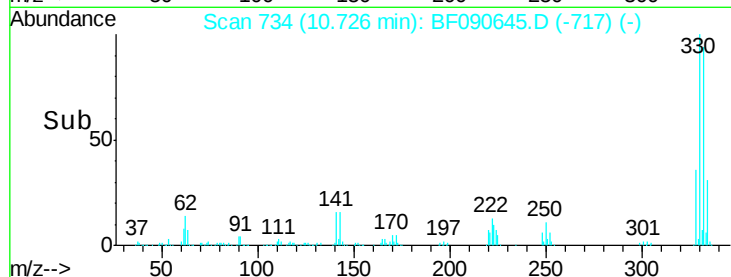
#41
 2,4,6-Tribromophenol
 Concen: 119.24 ng
 RT: 10.73 min Scan# 734
 Delta R.T. -0.00 min
 Lab File: BF090645.D
 Acq: 19 Oct 2016 14:09

Instrument :
 BNA_F
 ClientSampleId :
 PB94156BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.2	114.2
141	29.5	31.4	47.2#

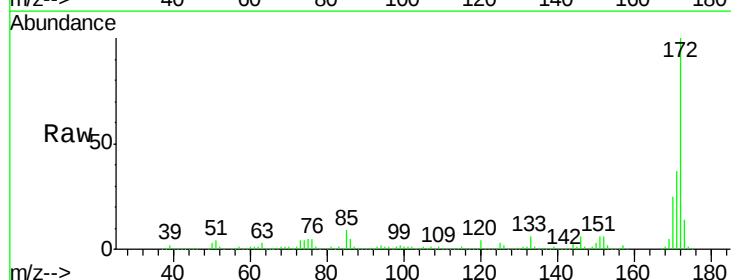


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

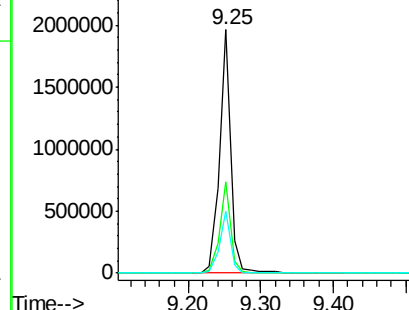
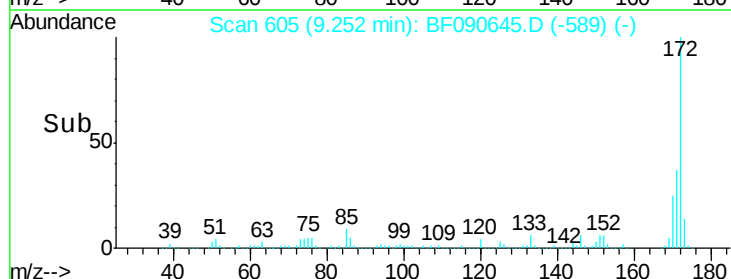


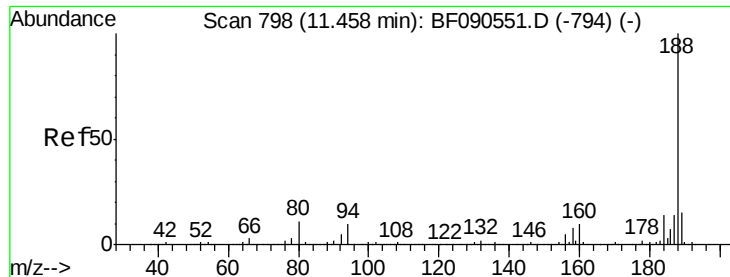
#44
 2-Fluorobiphenyl
 Concen: 62.26 ng
 RT: 9.25 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF090645.D
 Acq: 19 Oct 2016 14:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.1	45.1
170	25.5	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

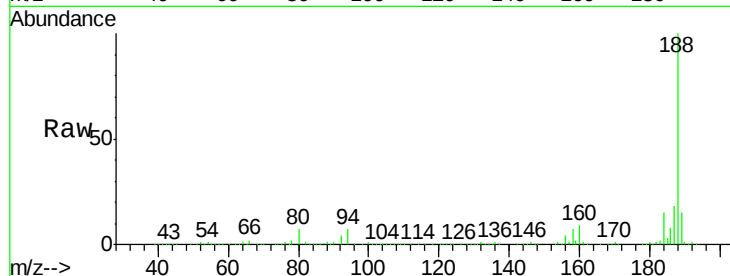




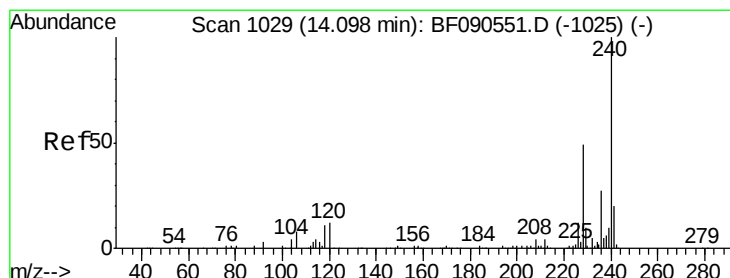
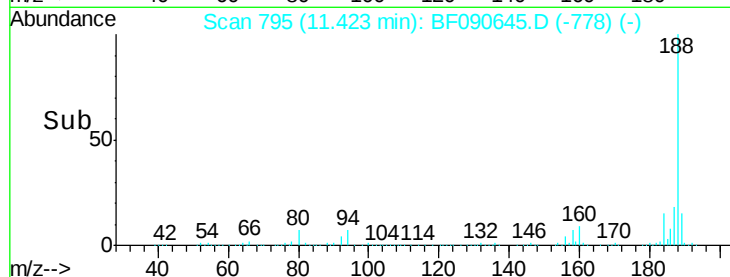
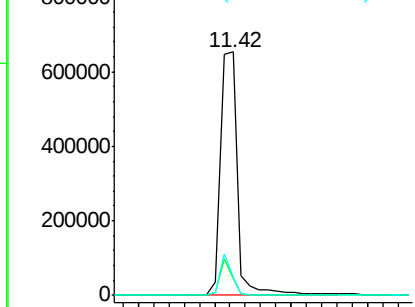
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF090645.D
Acq: 19 Oct 2016 14:09

Instrument :
BNA_F
ClientSampleId :
PB94156BL

Tot Ion:188 Resp: 1022939
Ion Ratio Lower Upper
188 100
94 7.1 7.7 11.5#
80 7.4 8.6 12.8#

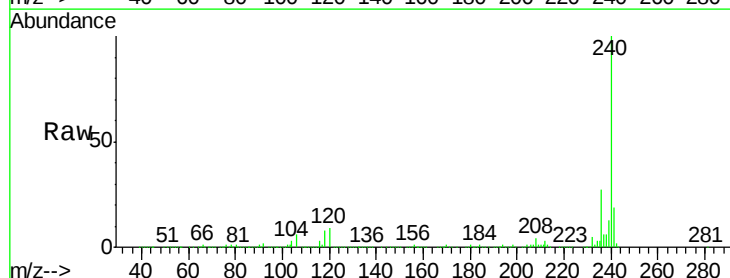


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

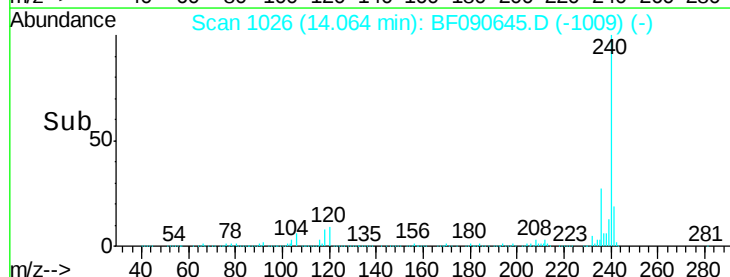
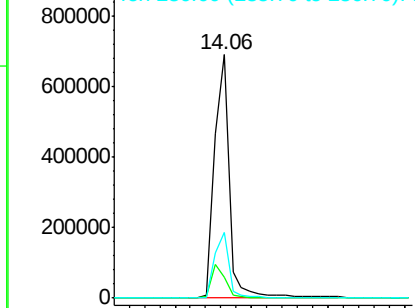


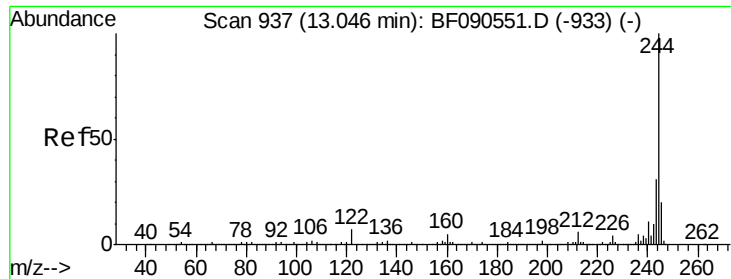
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF090645.D
Acq: 19 Oct 2016 14:09

Tgt Ion:240 Resp: 927101
Ion Ratio Lower Upper
240 100
120 8.8 9.8 14.8#
236 26.9 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: 65.43 ng

RT: 13.01 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF090645.D

Acq: 19 Oct 2016 14:09

Instrument :

BNA_F

ClientSampleId :

PB94156BL

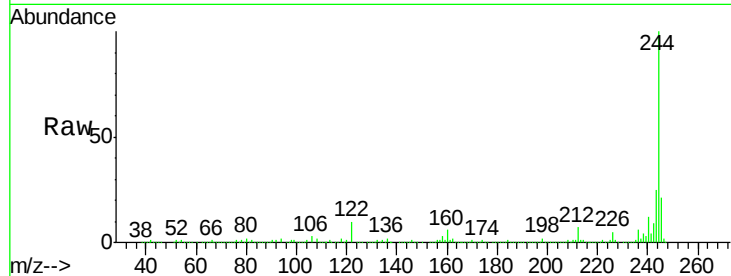
Tot Ion:244 Resp: 2605255

Ion Ratio Lower Upper

244 100

212 7.1 5.0 7.4

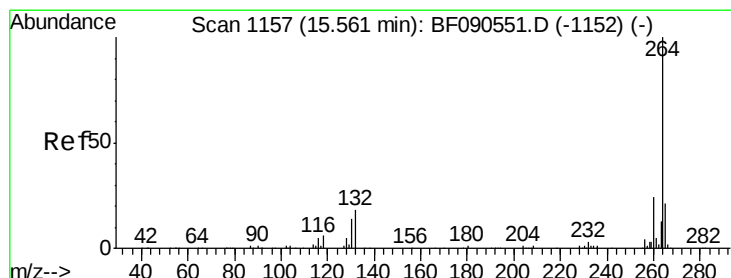
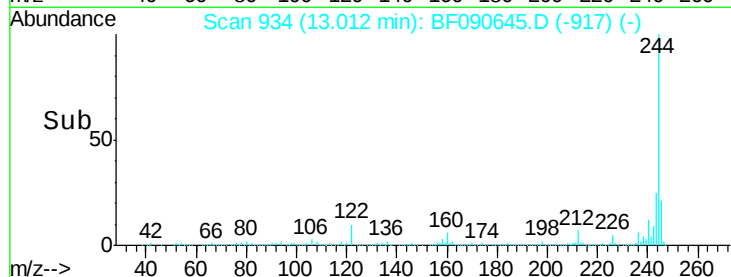
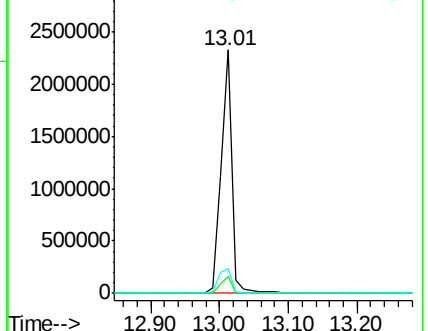
122 10.3 5.6 8.4#



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: 15.52 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF090645.D

Acq: 19 Oct 2016 14:09

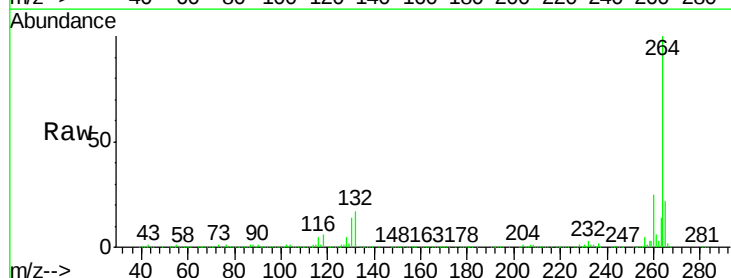
Tgt Ion:264 Resp: 746731

Ion Ratio Lower Upper

264 100

260 25.2 19.3 28.9

265 21.7 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

