

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091616\
 Data File : BF090107.D
 Acq On : 16 Sep 2016 15:38
 Operator : UM/SJ
 Sample : PB93420BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93420BL

Quant Time: Sep 16 19:17:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 11:18:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	170434	20.00	ng	-0.01
21) Naphthalene-d8	7.83	136	697431	20.00	ng	-0.01
38) Acenaphthene-d10	9.56	164	361716	20.00	ng	-0.02
63) Phenanthrene-d10	11.04	188	592467	20.00	ng	-0.01
75) Chrysene-d12	13.65	240	463841	20.00	ng	-0.02
86) Perylene-d12	14.97	264	354819	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	1191997	112.48	ng	0.00
7) Phenol-d6	6.19	99	1487205	107.20	ng	-0.01
23) Nitrobenzene-d5	7.11	82	872744	70.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	293724	80.84	ng	-0.02
44) 2-Fluorobiphenyl	8.91	172	1628906	70.72	ng	-0.01
78) Terphenyl-d14	12.63	244	1338718	68.54	ng	-0.01

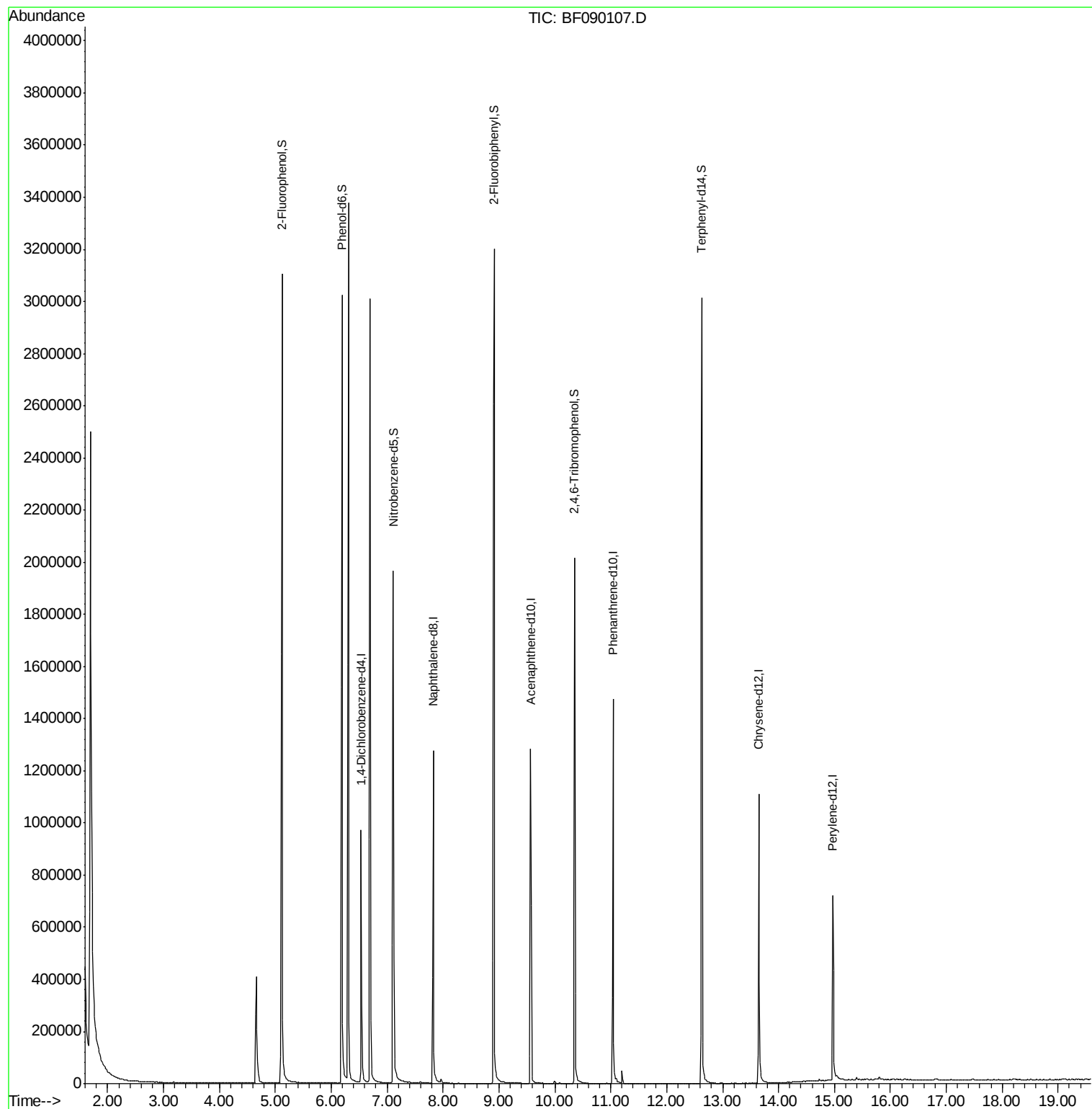
Target Compounds Qvalue

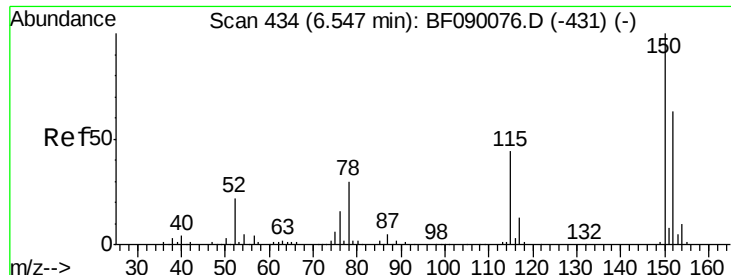
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 15 11:18:43 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF090107.D

Acq: 16 Sep 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB93420BL

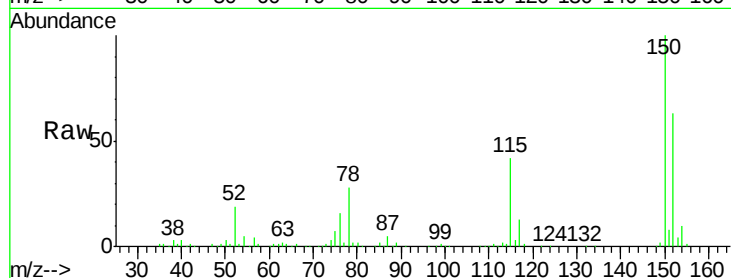
Tot Ion:152 Resp: 170434

Ion Ratio Lower Upper

152 100

150 158.7 128.9 193.3

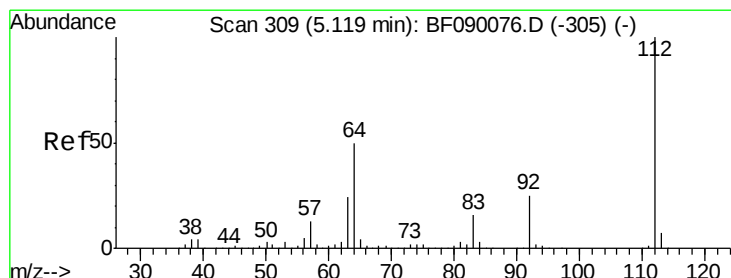
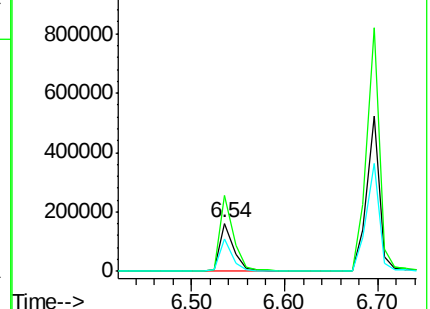
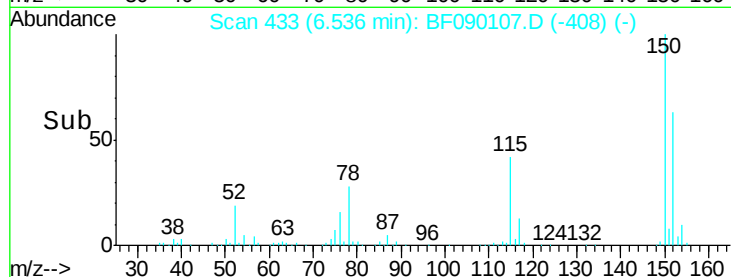
115 66.9 55.5 83.3



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: 112.48 ng

RT: 5.12 min Scan# 309

Delta R.T. -0.00 min

Lab File: BF090107.D

Acq: 16 Sep 2016 15:38

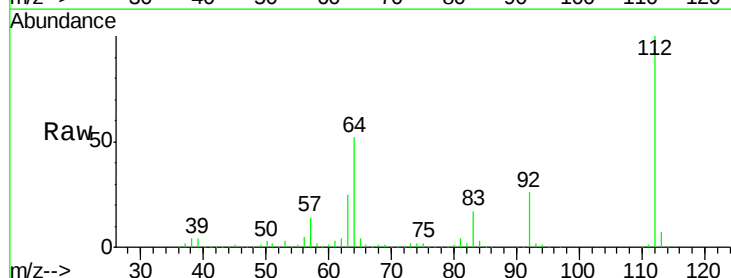
Tgt Ion:112 Resp: 1191997

Ion Ratio Lower Upper

112 100

64 52.3 39.8 59.6

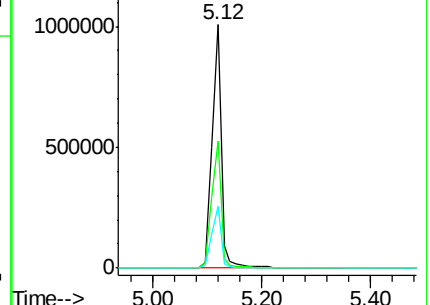
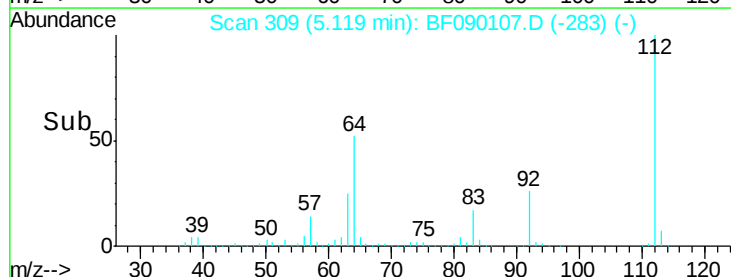
63 25.5 18.9 28.3

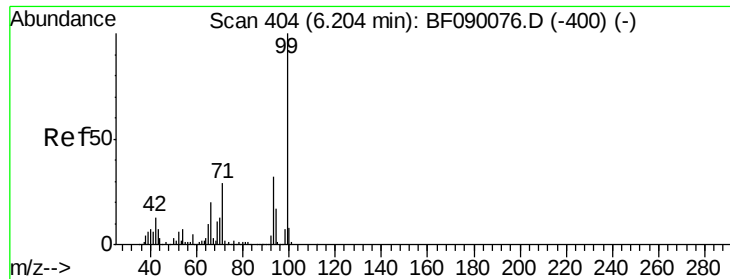


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.20 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF090107.D

Acq: 16 Sep 2016 15:38

Instrument :

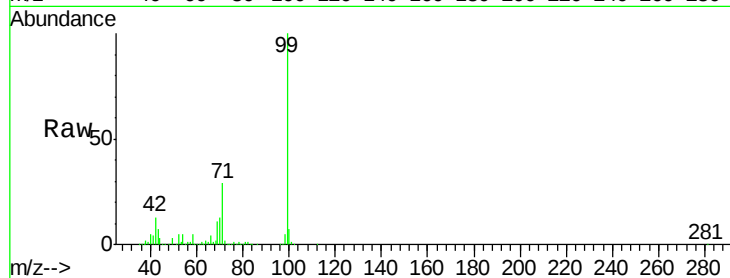
BNA_F

ClientSampleId :

PB93420BL

Tot Ion: 99 Resp: 1487205

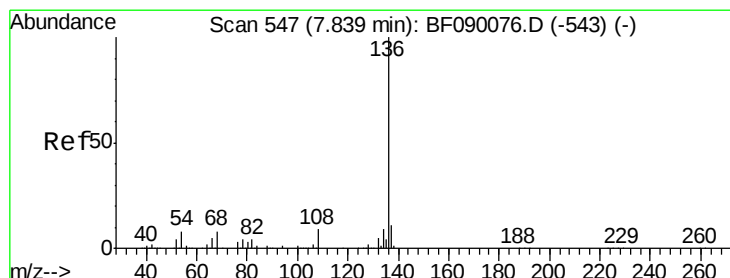
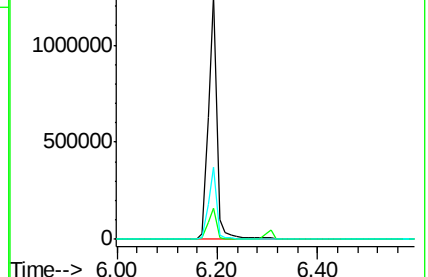
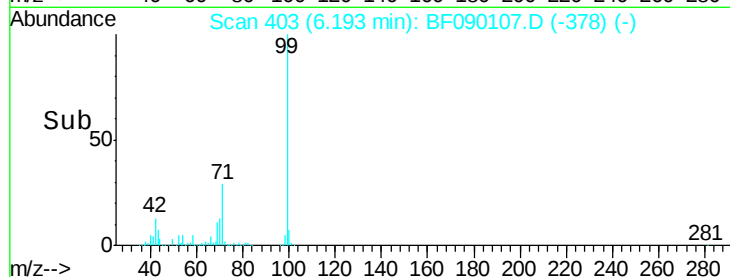
Ion	Ratio	Lower	Upper
99	100		
42	12.5	10.6	15.8
71	29.4	23.0	34.6



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: 7.83 min Scan# 546

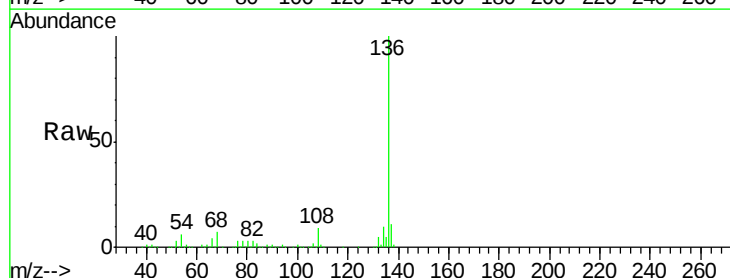
Delta R.T. -0.01 min

Lab File: BF090107.D

Acq: 16 Sep 2016 15:38

Tgt Ion: 136 Resp: 697431

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	6.4	6.4	9.6#
68	6.5	6.3	9.5

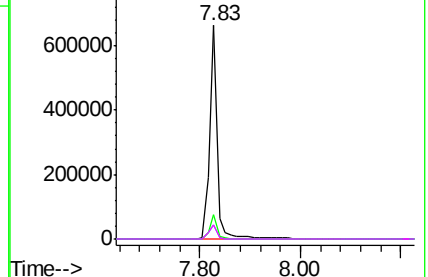
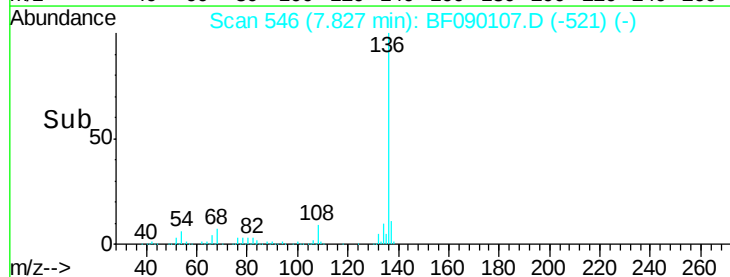


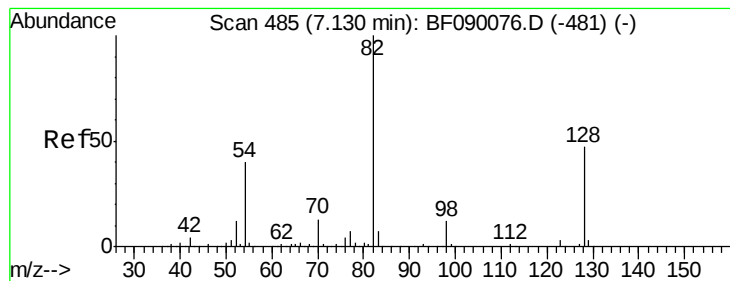
Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.36 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF090107.D

Acq: 16 Sep 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB93420BL

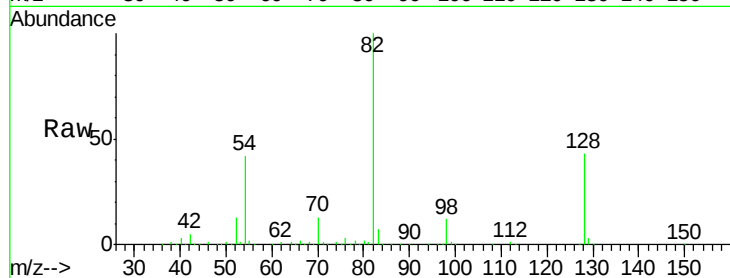
Tot Ion: 82 Resp: 872744

Ion Ratio Lower Upper

82 100

128 43.4 37.5 56.3

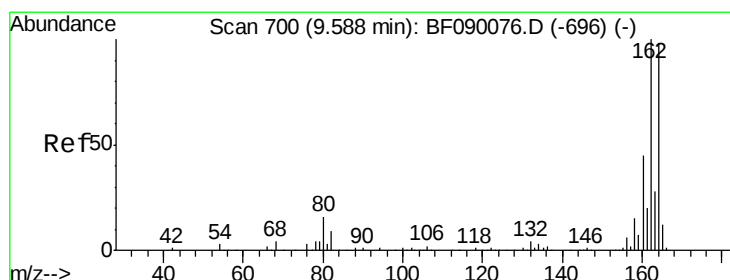
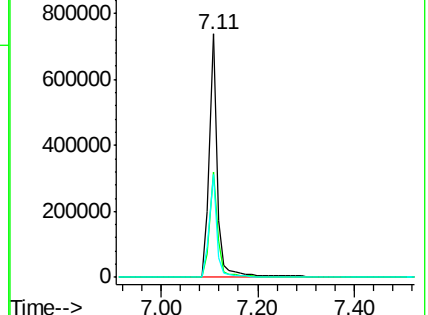
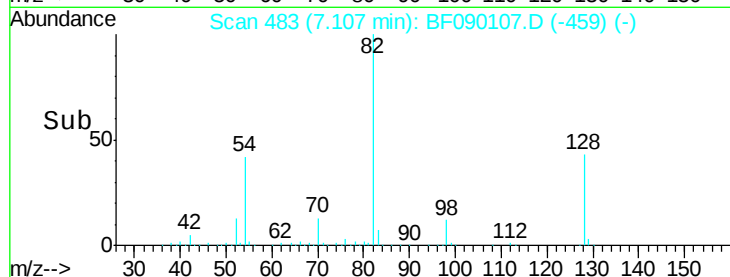
54 42.0 31.9 47.9



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.02 min

Lab File: BF090107.D

Acq: 16 Sep 2016 15:38

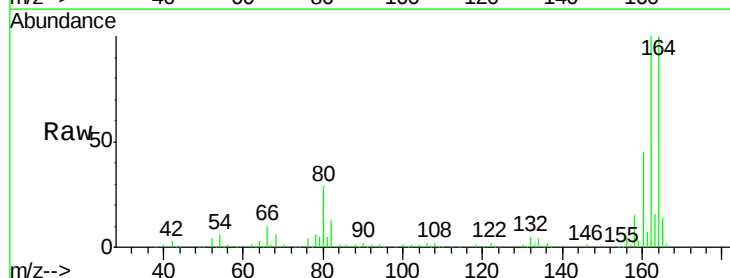
Tgt Ion: 164 Resp: 361716

Ion Ratio Lower Upper

164 100

162 99.9 81.4 122.2

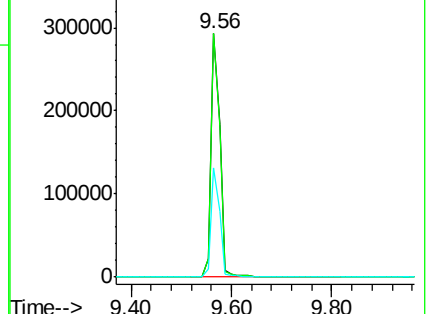
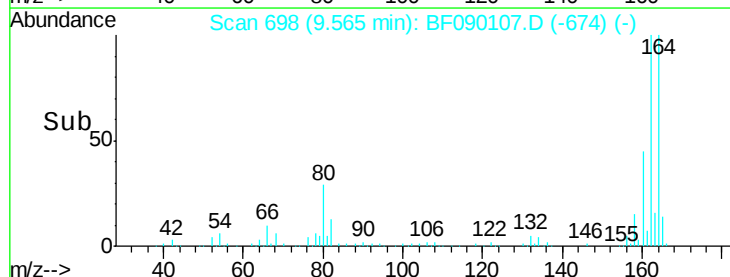
160 45.0 36.6 54.8

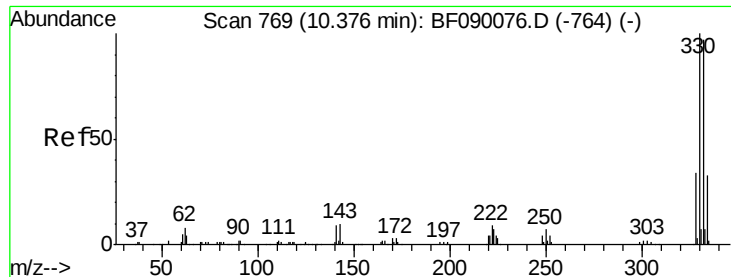


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

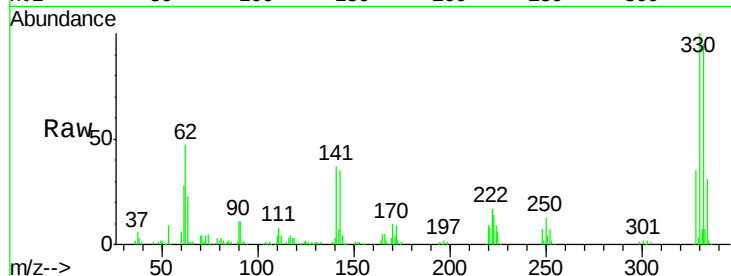




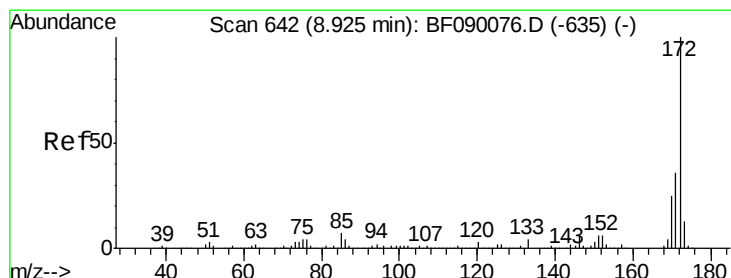
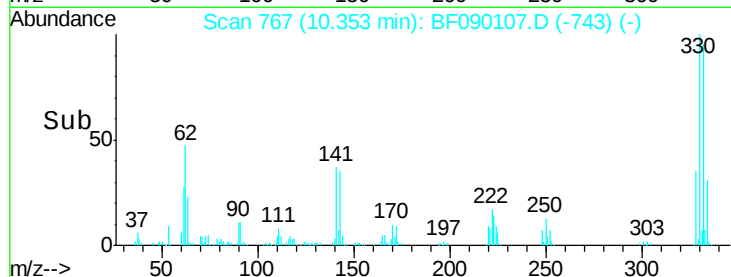
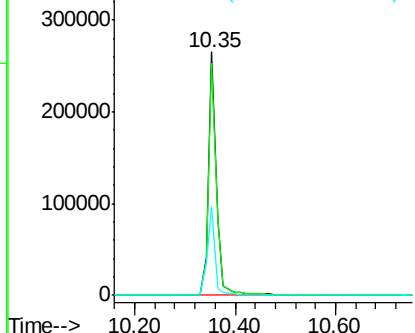
#41
 2,4,6-Tribromophenol
 Concen: 80.84 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF090107.D
 Acq: 16 Sep 2016 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB93420BL

Tot Ion:330 Resp: 293724
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.1 117.1
 141 35.5 23.9 35.9

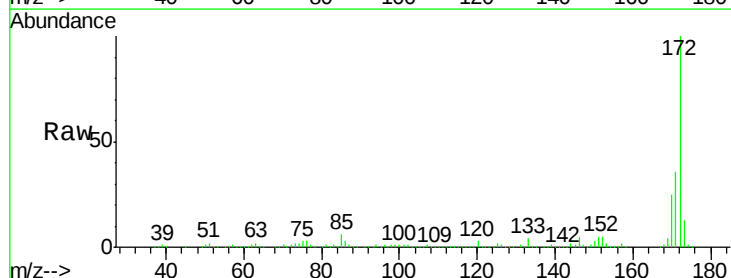


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

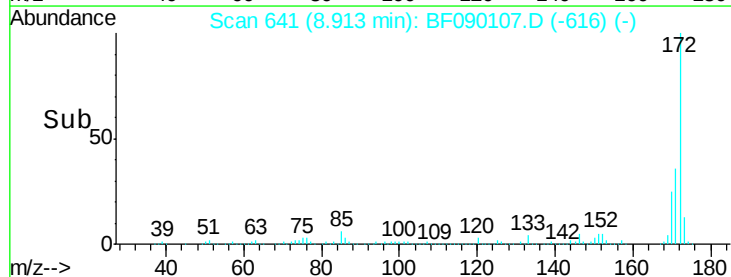
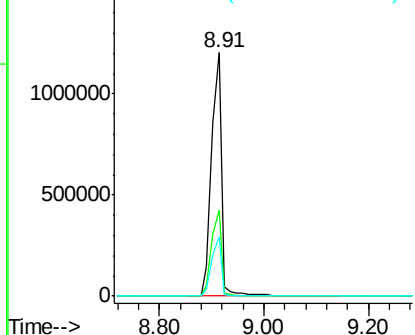


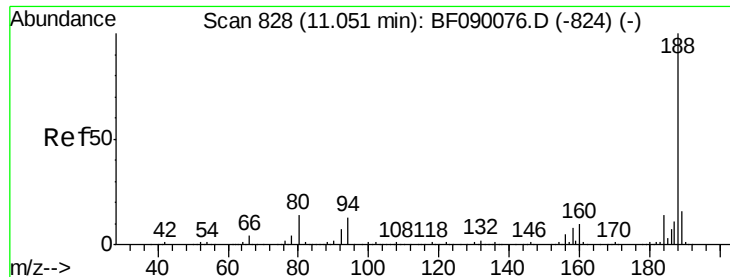
#44
 2-Fluorobiphenyl
 Concen: 70.72 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF090107.D
 Acq: 16 Sep 2016 15:38

Tgt Ion:172 Resp: 1628906
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.2 43.8
 170 24.6 19.8 29.8



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

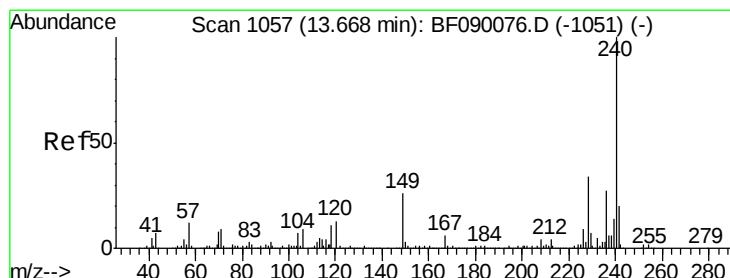
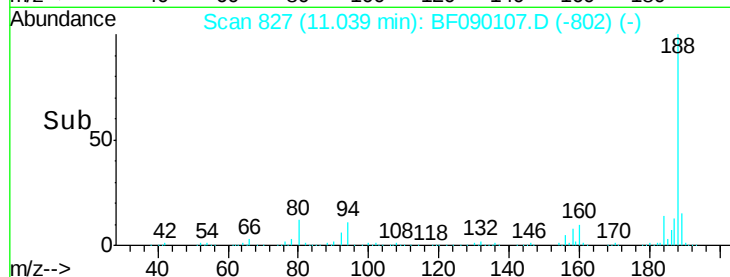
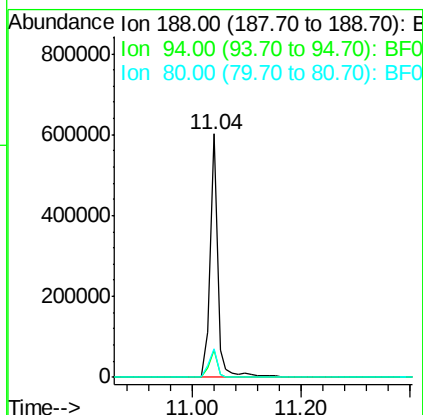
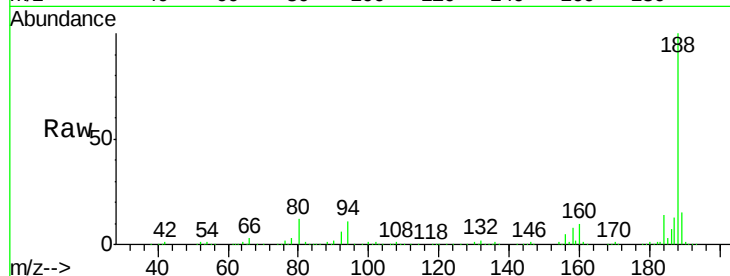




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF090107.D
Acq: 16 Sep 2016 15:38

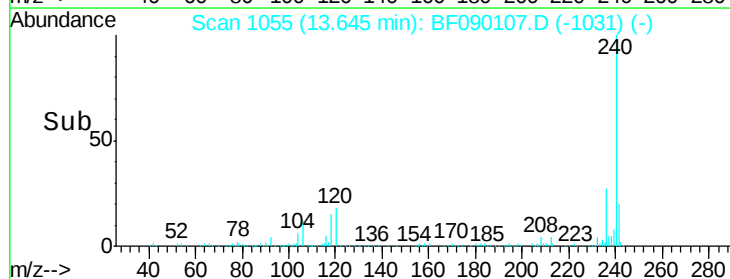
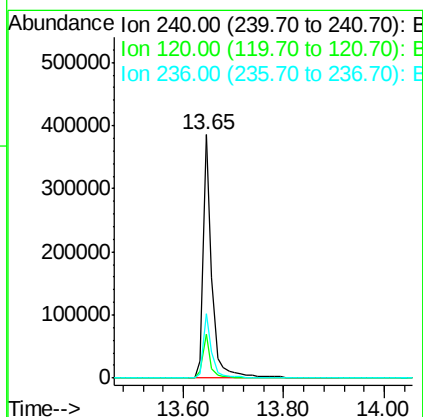
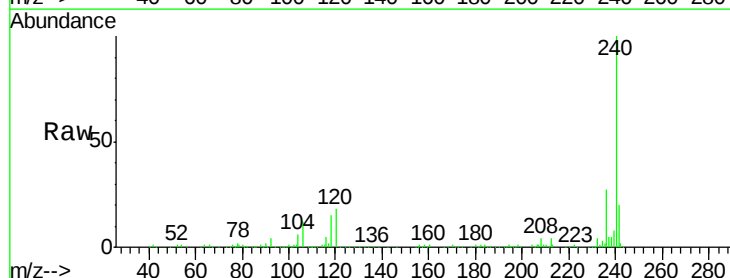
Instrument :
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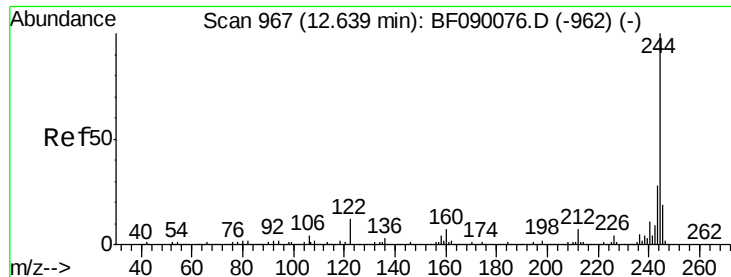
Tot Ion:188 Resp: 592467
Ion Ratio Lower Upper
188 100
94 11.2 10.5 15.7
80 11.7 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.65 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF090107.D
Acq: 16 Sep 2016 15:38

Tgt Ion:240 Resp: 463841
Ion Ratio Lower Upper
240 100
120 17.8 10.6 16.0#
236 26.6 21.6 32.4





#78

Terphenyl-d14

Concen: 68.54 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF090107.D

Acq: 16 Sep 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB93420BL

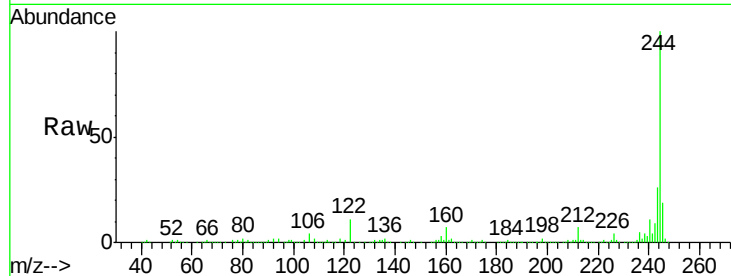
Tot Ion:244 Resp: 1338718

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

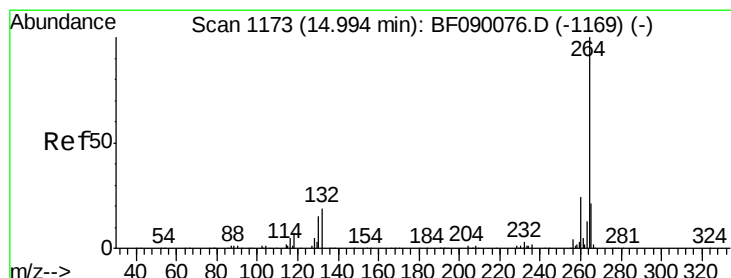
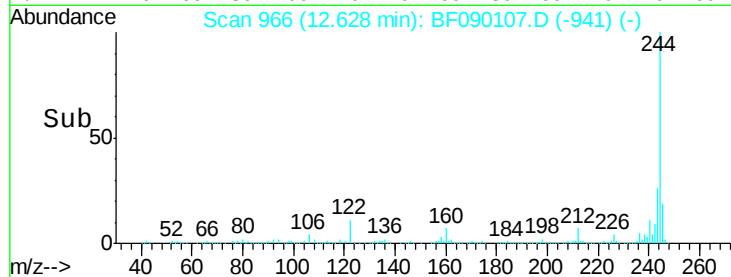
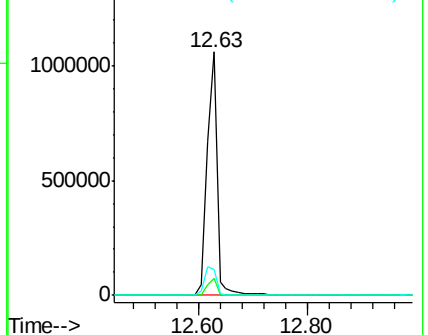
122 10.8 9.4 14.0



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: 14.97 min Scan# 1171

Delta R.T. -0.02 min

Lab File: BF090107.D

Acq: 16 Sep 2016 15:38

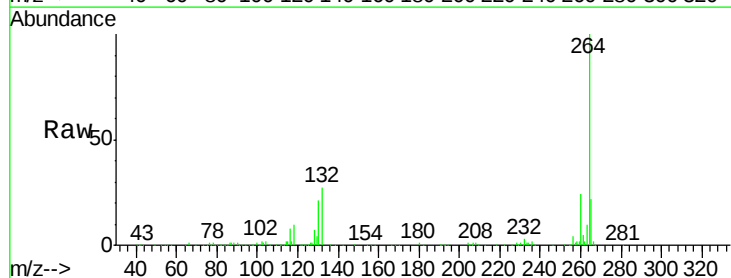
Tgt Ion:264 Resp: 354819

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.7 17.0 25.4



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

