

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092616\
 Data File : BF090221.D
 Acq On : 26 Sep 2016 15:13
 Operator : UM/SJ
 Sample : PB93609TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 15:47:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 17:58:29 2016
 Response via : Initial Calibration

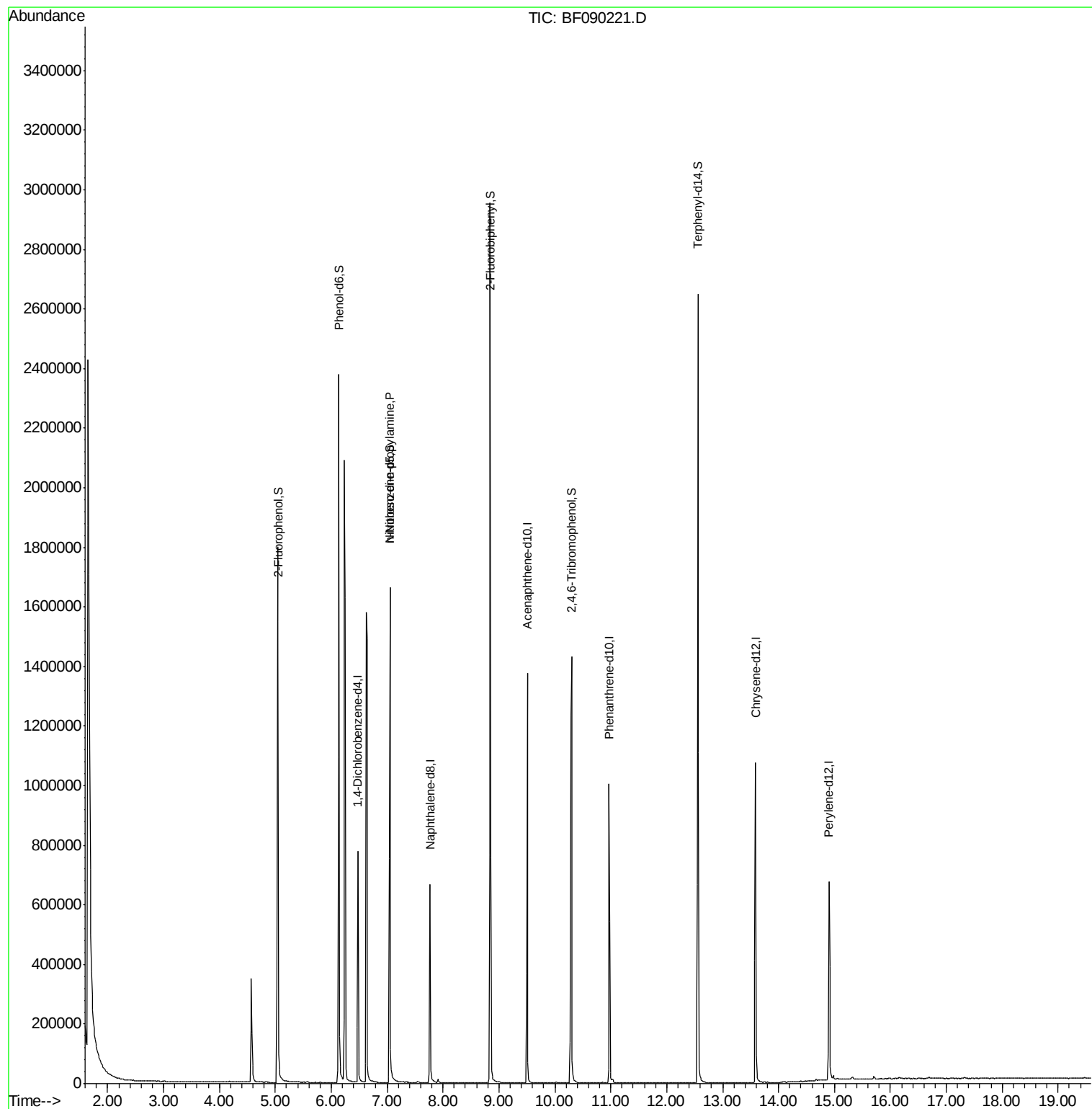
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	137191	20.00	ng	-0.05
21) Naphthalene-d8	7.77	136	517957	20.00	ng	-0.05
38) Acenaphthene-d10	9.51	164	314946	20.00	ng	-0.05
63) Phenanthrene-d10	10.97	188	476216	20.00	ng	-0.06
75) Chrysene-d12	13.59	240	436314	20.00	ng	-0.05
86) Perylene-d12	14.90	264	314747	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	893599	106.17	ng	-0.02
7) Phenol-d6	6.14	99	1090069	104.87	ng	-0.03
23) Nitrobenzene-d5	7.05	82	702369	78.61	ng	-0.05
41) 2,4,6-Tribromophenol	10.30	330	301643	111.64	ng	-0.05
44) 2-Fluorobiphenyl	8.84	172	1124827	70.11	ng	-0.05
78) Terphenyl-d14	12.56	244	1069422	62.23	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.05	70	82142	13.45	ng	Qvalue # 78

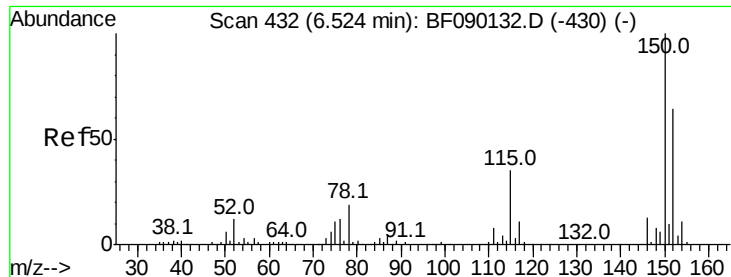
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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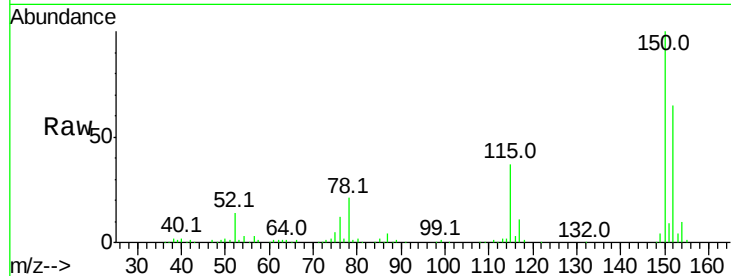


#1

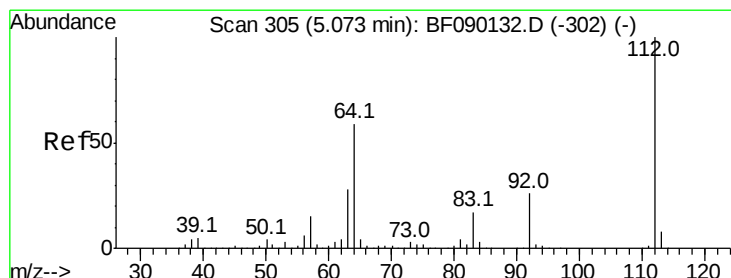
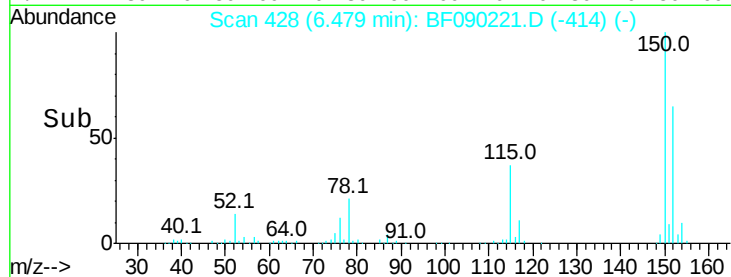
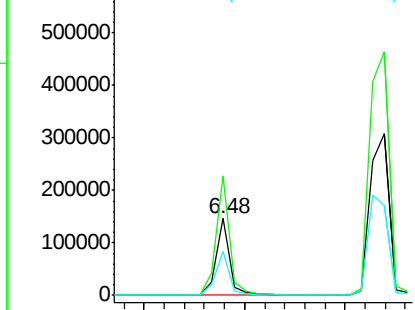
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.05 min
Lab File: BF090221.D
Acq: 26 Sep 2016 15:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 137191
Ion Ratio Lower Upper
152 100
150 154.4 128.9 193.3
115 56.6 55.5 83.3



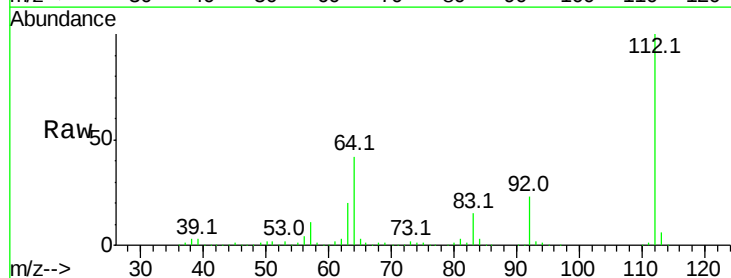
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



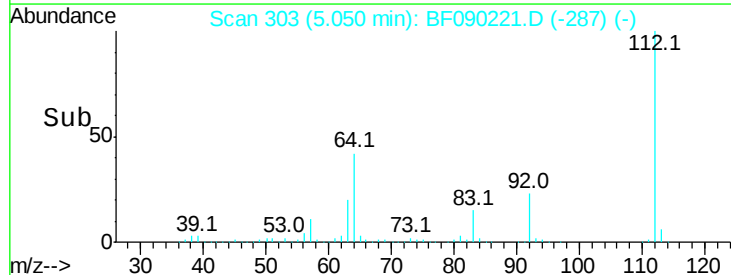
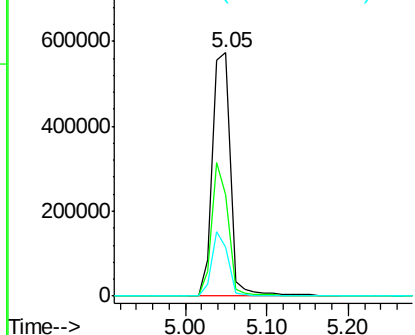
#5

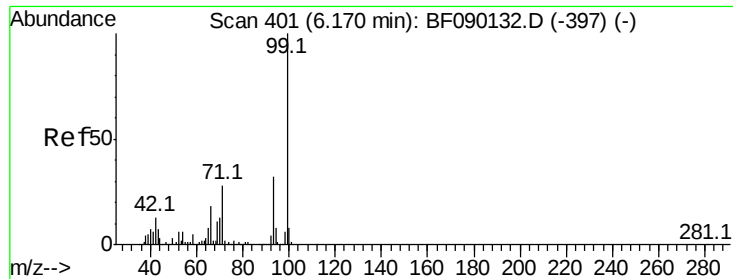
2-Fluorophenol
Concen: 106.17 ng
RT: 5.05 min Scan# 303
Delta R.T. -0.02 min
Lab File: BF090221.D
Acq: 26 Sep 2016 15:13

Tgt Ion:112 Resp: 893599
Ion Ratio Lower Upper
112 100
64 41.8 39.8 59.6
63 20.2 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: 104.87 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.03 min

Lab File: BF090221.D

Acq: 26 Sep 2016 15:13

Instrument :

BNA_F

ClientSampled :

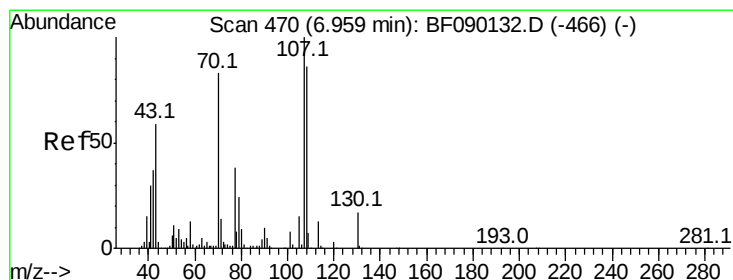
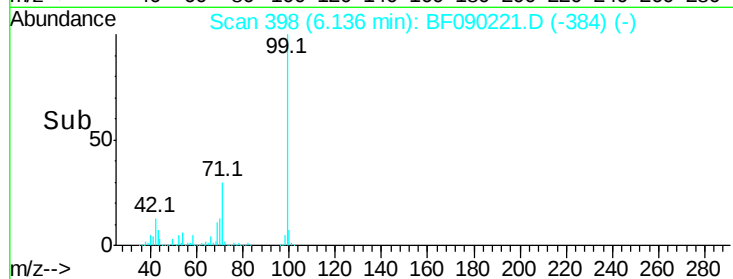
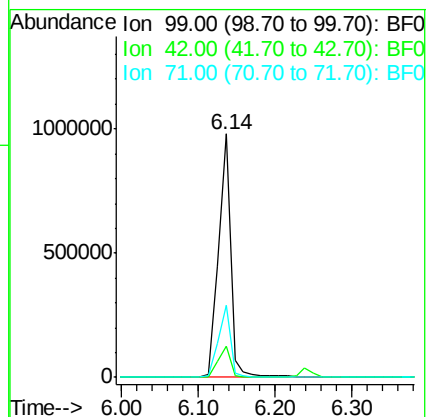
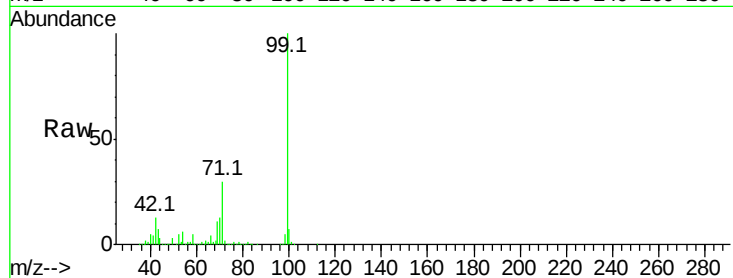
Tot Ion: 99 Resp: 1090069

Ion Ratio Lower Upper

99 100

42 13.0 10.6 15.8

71 29.8 23.0 34.6



#19

n-Nitroso-di-n-propylamine

Concen: 13.45 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.09 min

Lab File: BF090221.D

Acq: 26 Sep 2016 15:13

Tgt Ion: 70 Resp: 82142

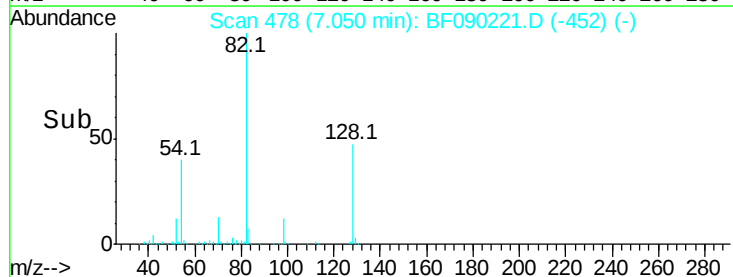
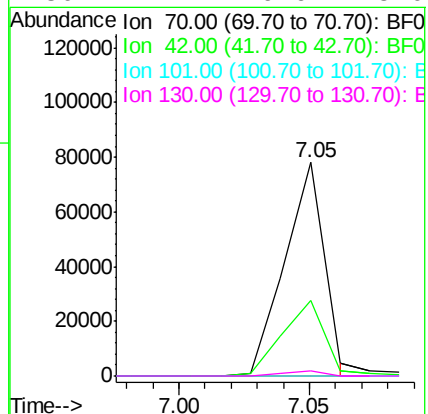
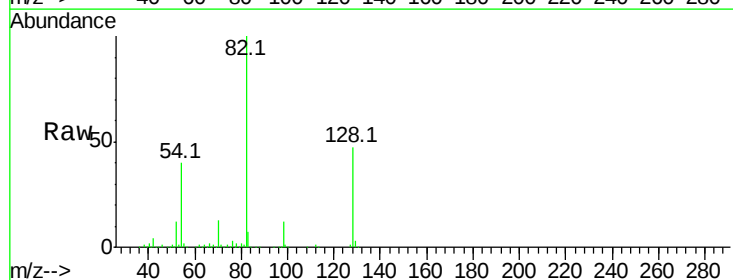
Ion Ratio Lower Upper

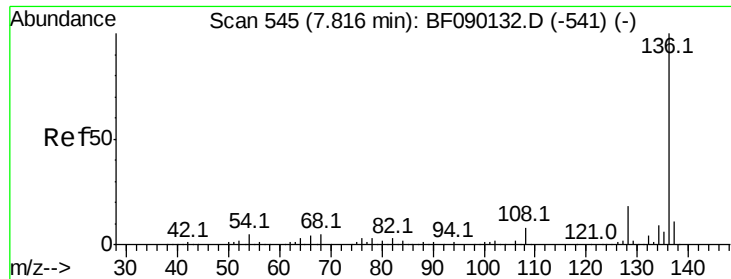
70 100

42 35.6 35.1 52.7

101 0.0 7.5 11.3#

130 2.4 16.6 25.0#

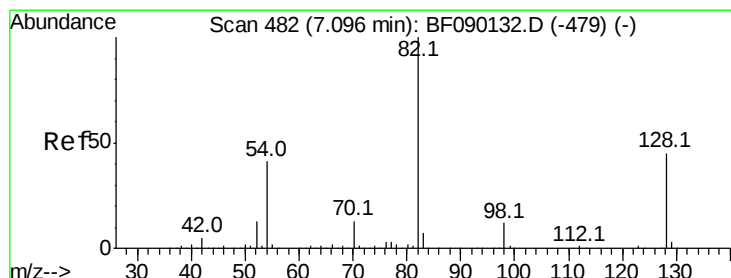
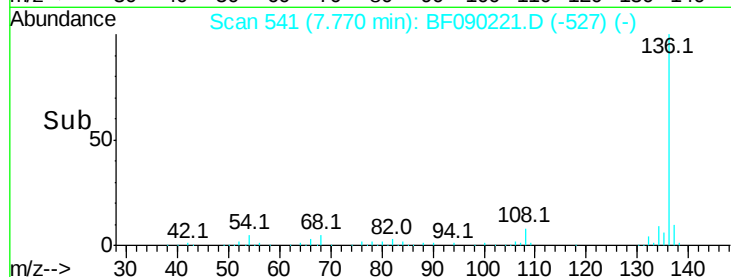
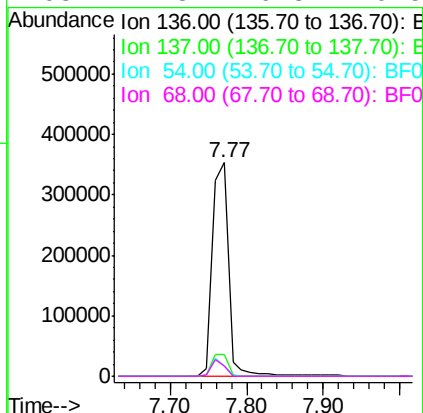
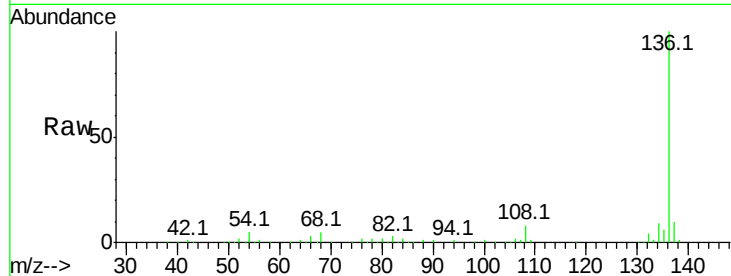




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.05 min
Lab File: BF090221.D
Acq: 26 Sep 2016 15:13

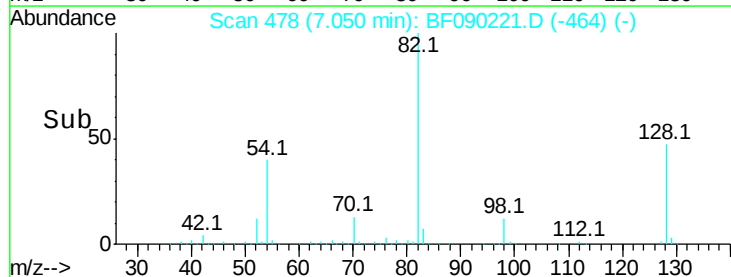
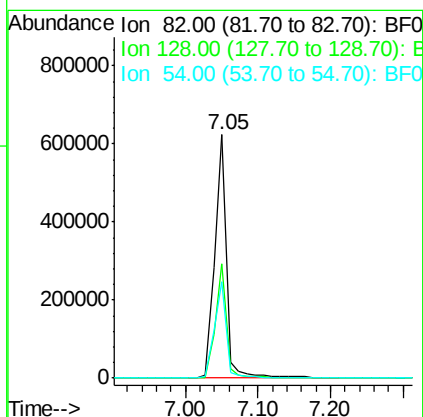
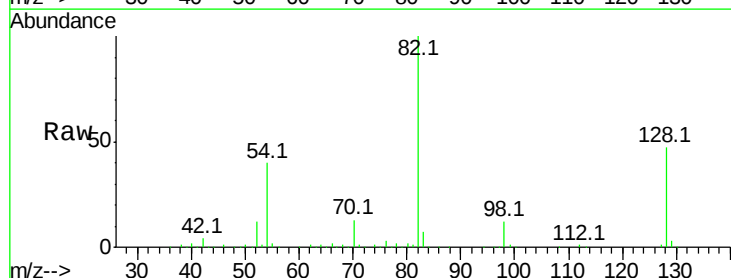
Instrument :
BNA_F
ClientSampleId :

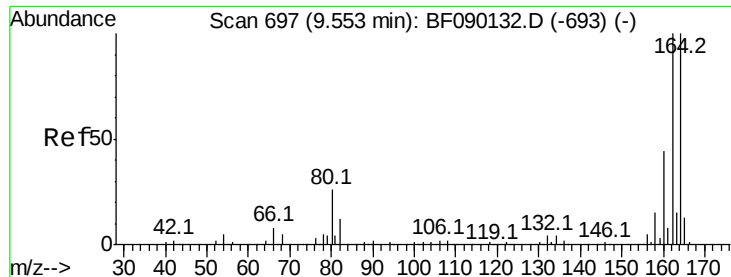
Tot Ion:136	Resp:	517957
Ion	Ratio	Lower Upper
136	100	
137	10.4	9.0 13.4
54	4.7	6.4 9.6#
68	4.8	6.3 9.5#



#23
Nitrobenzene-d5
Concen: 78.61 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.05 min
Lab File: BF090221.D
Acq: 26 Sep 2016 15:13

Tgt Ion: 82	Resp:	702369
Ion	Ratio	Lower Upper
82	100	
128	47.0	37.5 56.3
54	39.8	31.9 47.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.05 min

Lab File: BF090221.D

Acq: 26 Sep 2016 15:13

Instrument :

BNA_F

ClientSampleId :

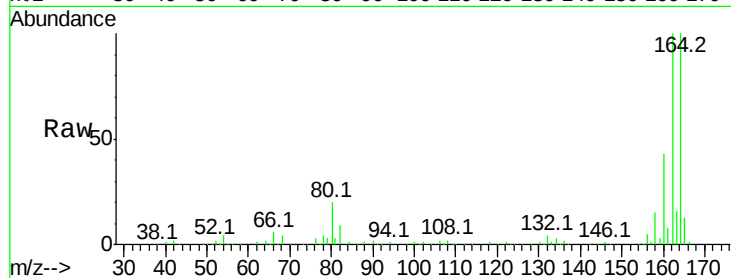
Tot Ion:164 Resp: 314946

Ion Ratio Lower Upper

164 100

162 100.1 81.4 122.2

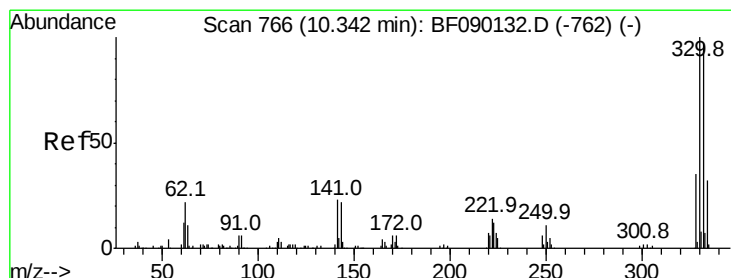
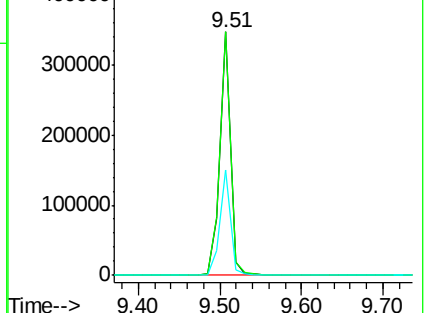
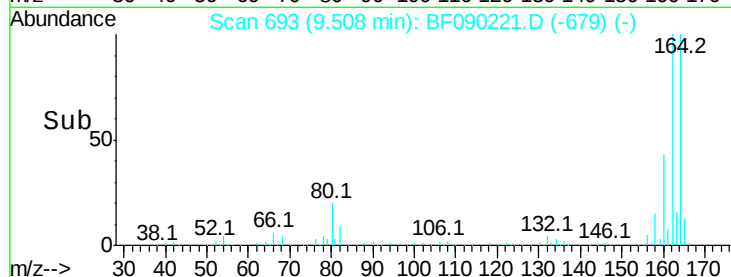
160 43.2 36.6 54.8



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: 111.64 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.05 min

Lab File: BF090221.D

Acq: 26 Sep 2016 15:13

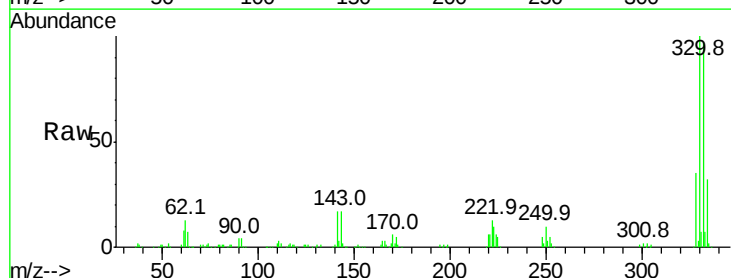
Tgt Ion:330 Resp: 301643

Ion Ratio Lower Upper

330 100

332 96.8 78.1 117.1

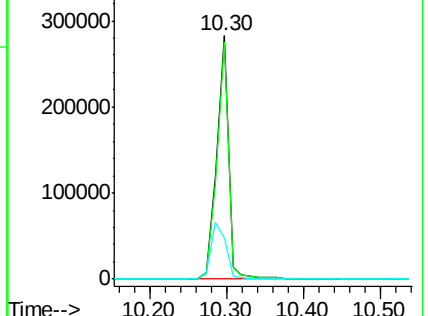
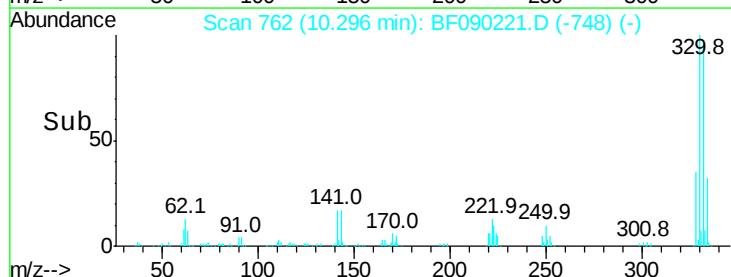
141 29.5 23.9 35.9

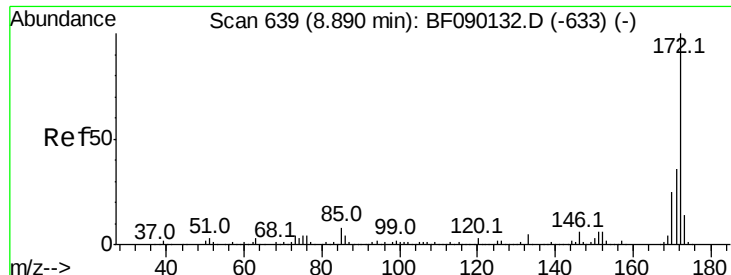


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



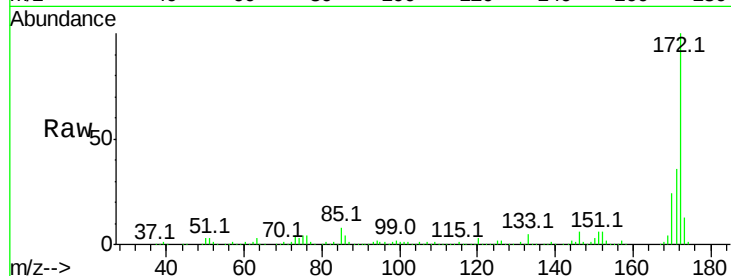


#44
 2-Fluorobiphenyl
 Concen: 70.11 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.05 min
 Lab File: BF090221.D
 Acq: 26 Sep 2016 15:13

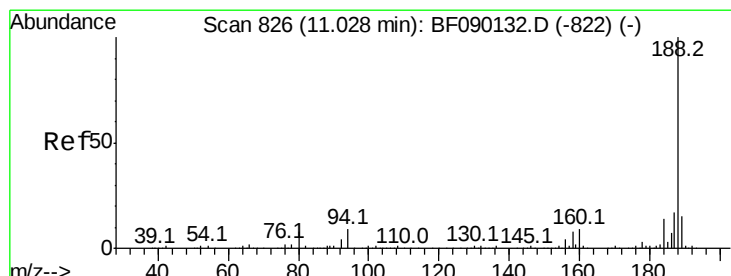
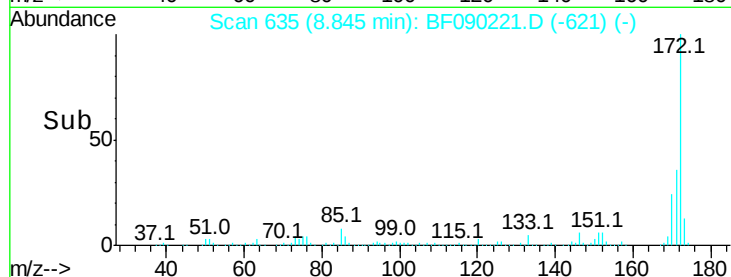
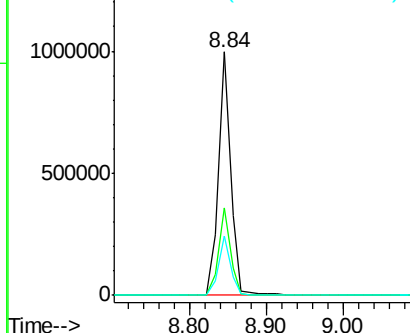
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1124827

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	24.3	19.8	29.8



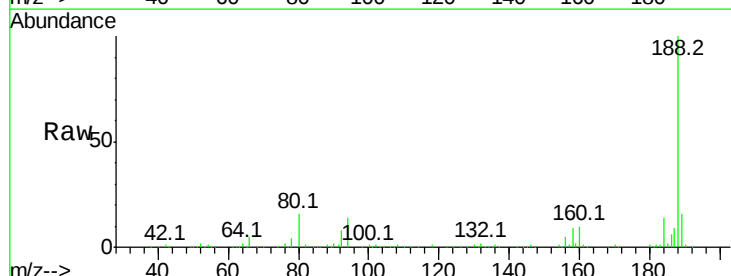
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



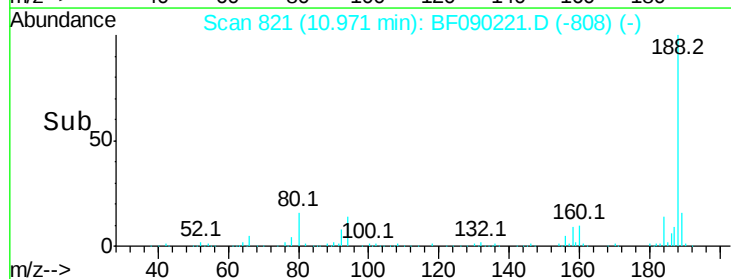
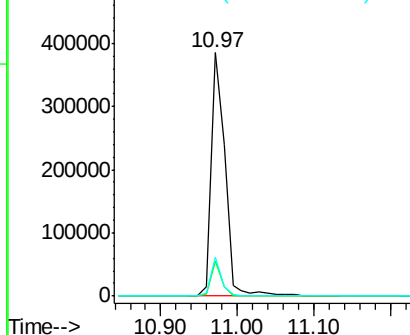
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.97 min Scan# 821
 Delta R.T. -0.06 min
 Lab File: BF090221.D
 Acq: 26 Sep 2016 15:13

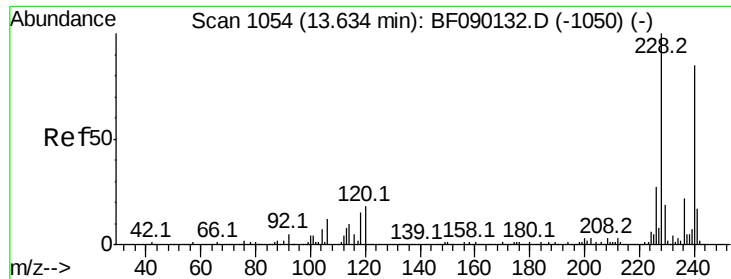
Tgt Ion:188 Resp: 476216

Ion	Ratio	Lower	Upper
188	100		
94	14.5	10.5	15.7
80	16.1	11.2	16.8



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: 13.59 min Scan# 1050

Delta R.T. -0.05 min

Lab File: BF090221.D

Acq: 26 Sep 2016 15:13

Instrument :

BNA_F

ClientSampled :

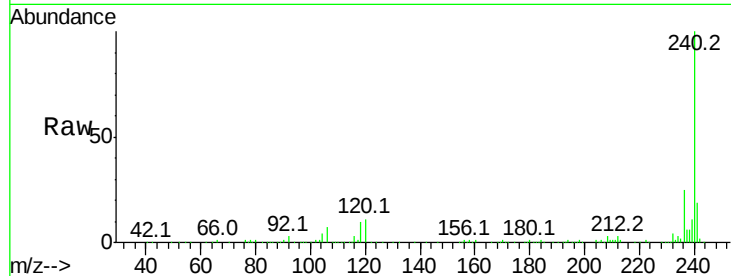
Tot Ion:240 Resp: 436314

Ion Ratio Lower Upper

240 100

120 11.1 10.6 16.0

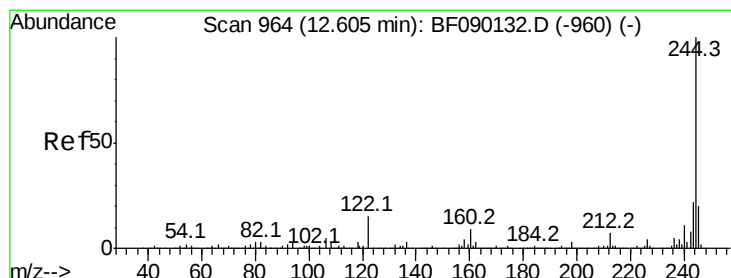
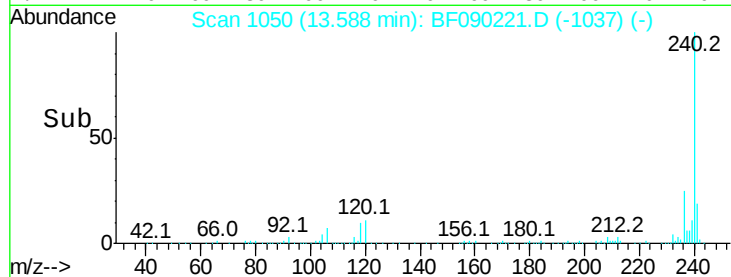
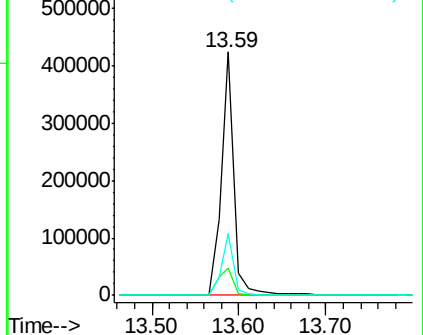
236 25.4 21.6 32.4



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: 62.23 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.05 min

Lab File: BF090221.D

Acq: 26 Sep 2016 15:13

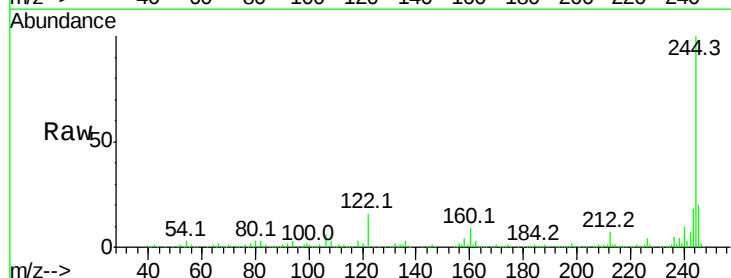
Tgt Ion:244 Resp: 1069422

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

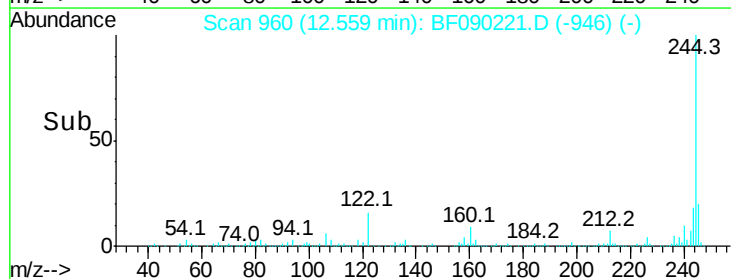
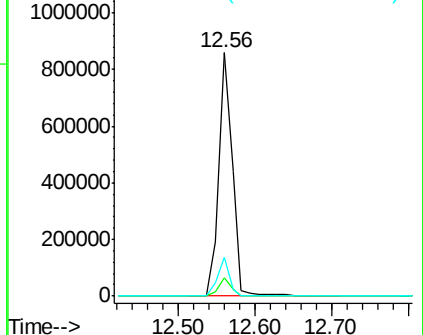
122 16.2 9.4 14.0#

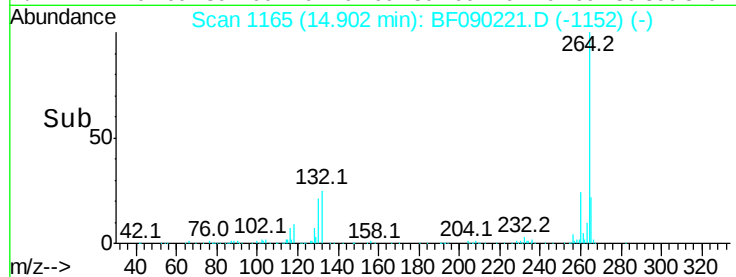
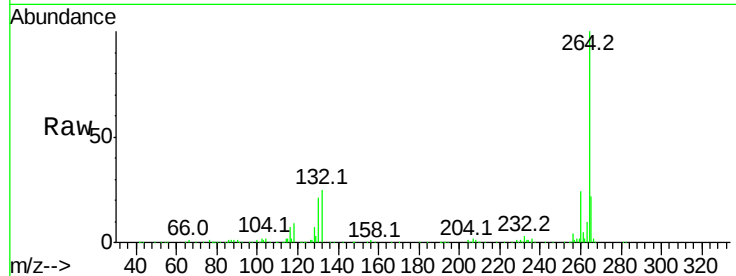
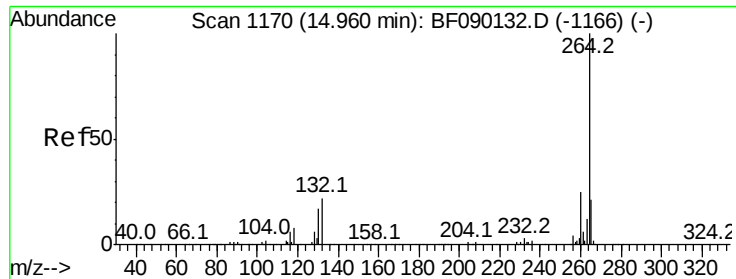


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 14.90 min Scan# 1165

Delta R.T. -0.06 min

Lab File: BF090221.D

Acq: 26 Sep 2016 15:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 314747

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 22.0 17.0 25.4

