

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
 Data File : BF090321.D
 Acq On : 30 Sep 2016 19:28
 Operator : UM/SJ
 Sample : H5023-02 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-TSCA-09272016

Quant Time: Sep 30 22:58:17 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

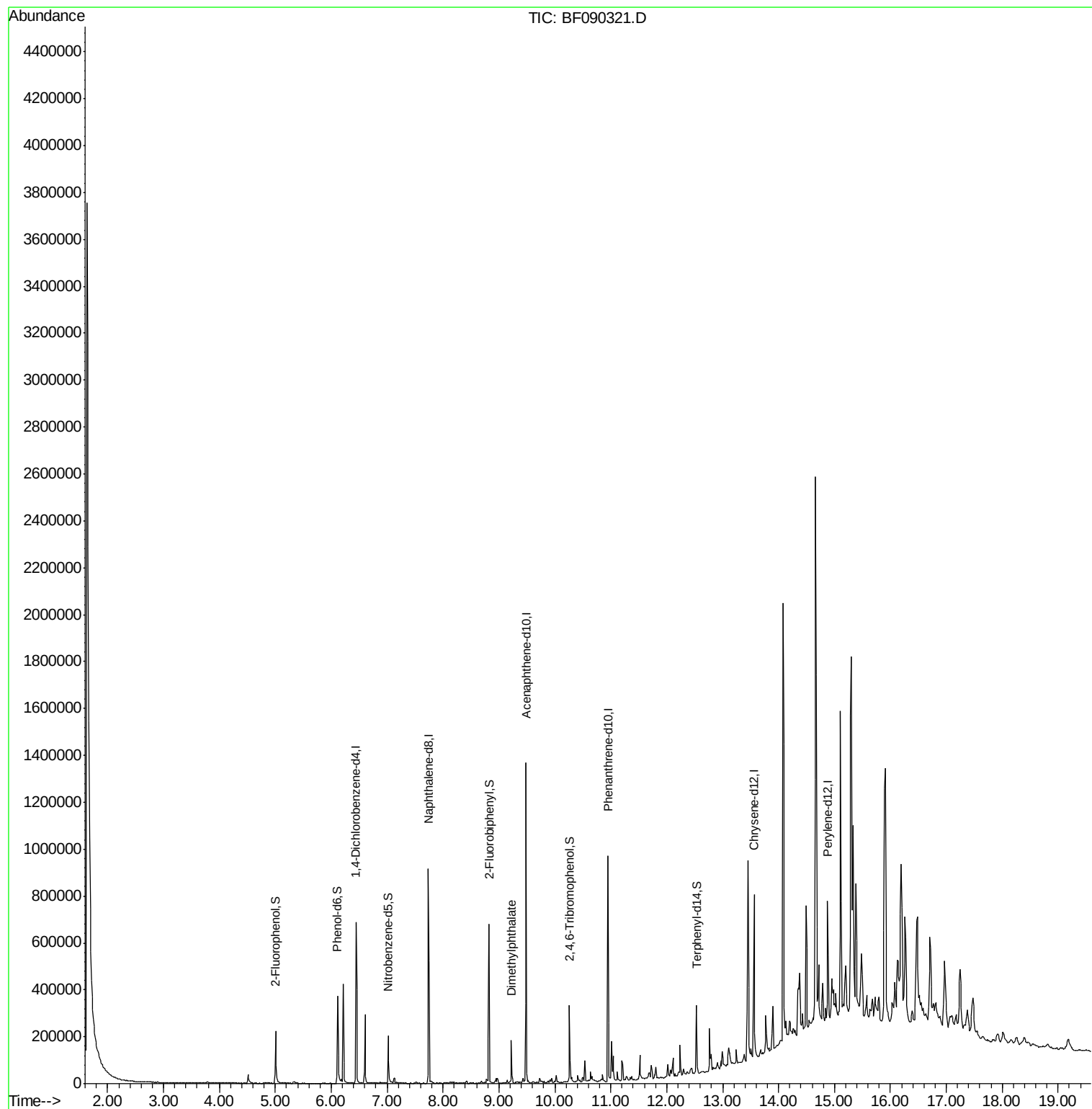
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	139025	20.00	ng	-0.03
21) Naphthalene-d8	7.74	136	526724	20.00	ng	-0.03
38) Acenaphthene-d10	9.48	164	293257	20.00	ng	-0.02
63) Phenanthrene-d10	10.95	188	347438	20.00	ng	-0.03
75) Chrysene-d12	13.57	240	278726	20.00	ng	-0.03
86) Perylene-d12	14.88	264	227133	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	91971	10.78	ng	-0.02
7) Phenol-d6	6.11	99	173904	16.51	ng	-0.02
23) Nitrobenzene-d5	7.02	82	88547	9.75	ng	-0.05
41) 2,4,6-Tribromophenol	10.26	330	38967	15.49	ng	-0.03
44) 2-Fluorobiphenyl	8.82	172	225582	15.10	ng	-0.03
78) Terphenyl-d14	12.54	244	131144	11.95	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.22	163	67373	3.61	ng	Qvalue 99

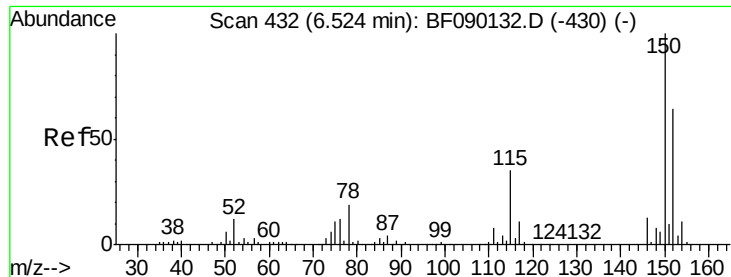
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 26 15:58:38 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF090321.D

Acq: 30 Sep 2016 19:28

Instrument :

BNA_F

ClientSampleId :

WC-TSCA-09272016

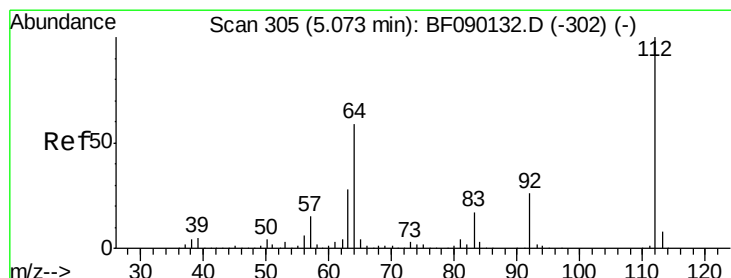
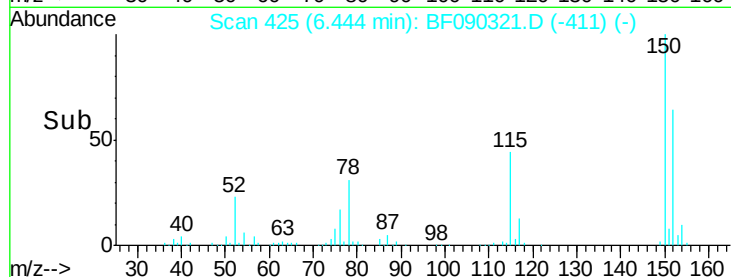
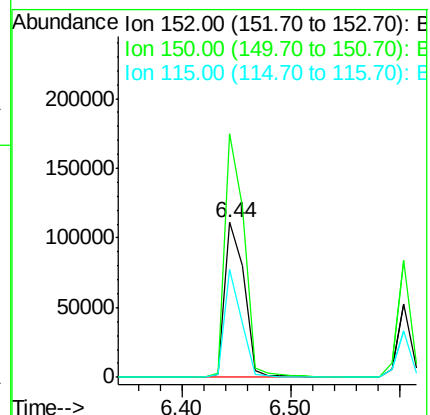
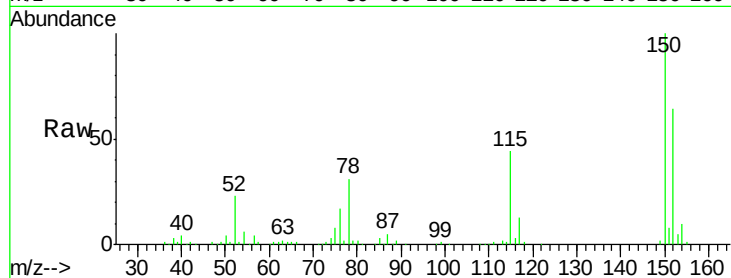
Tgt Ion:152 Resp: 139025

Ion Ratio Lower Upper

152 100

150 157.0 128.9 193.3

115 69.6 55.5 83.3



#5

2-Fluorophenol

Concen: 10.78 ng

RT: 5.00 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF090321.D

Acq: 30 Sep 2016 19:28

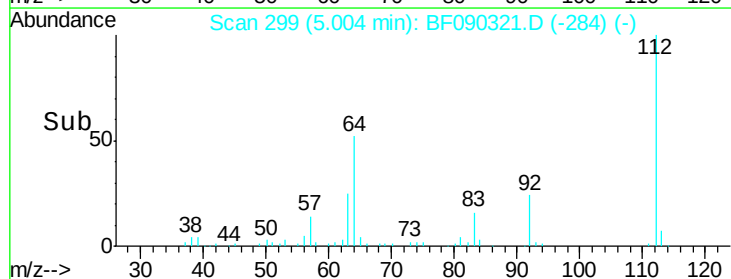
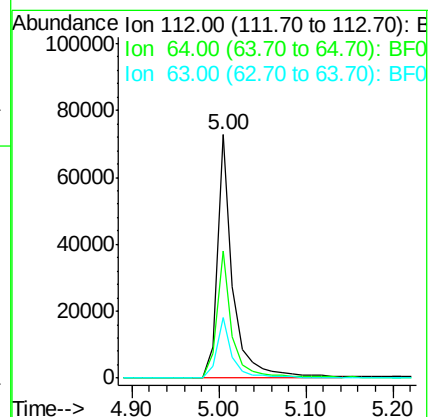
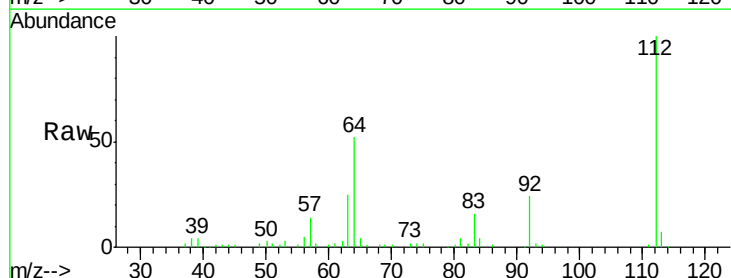
Tgt Ion:112 Resp: 91971

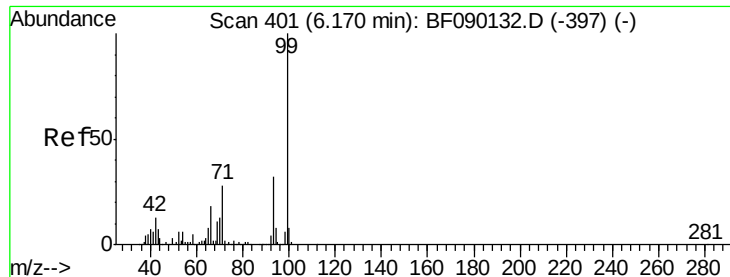
Ion Ratio Lower Upper

112 100

64 52.1 39.8 59.6

63 24.8 18.9 28.3





#7

Phenol-d6

Concen: 16.51 ng

RT: 6.11 min Scan# 396

Delta R.T. -0.02 min

Lab File: BF090321.D

Acq: 30 Sep 2016 19:28

Instrument :

BNA_F

ClientSampleId :

WC-TSCA-09272016

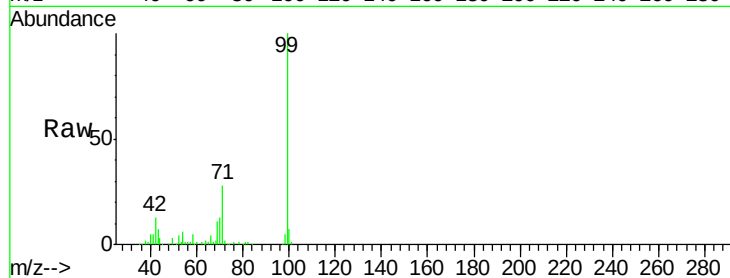
Tgt Ion: 99 Resp: 173904

Ion Ratio Lower Upper

99 100

42 12.7 10.6 15.8

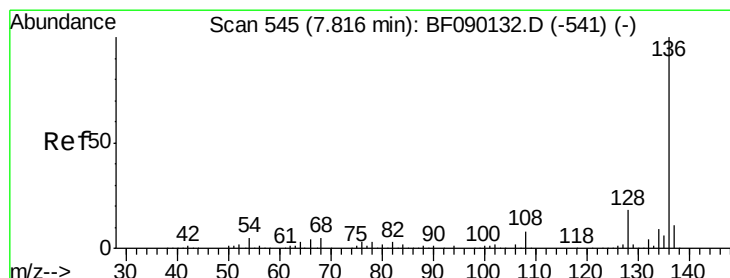
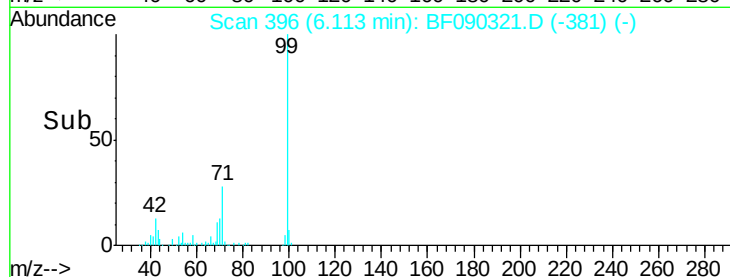
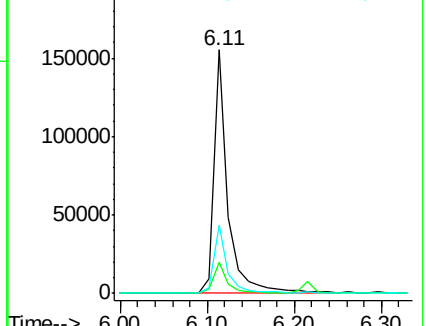
71 27.9 23.0 34.6



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: 7.74 min Scan# 538

Delta R.T. -0.03 min

Lab File: BF090321.D

Acq: 30 Sep 2016 19:28

Tgt Ion: 136 Resp: 526724

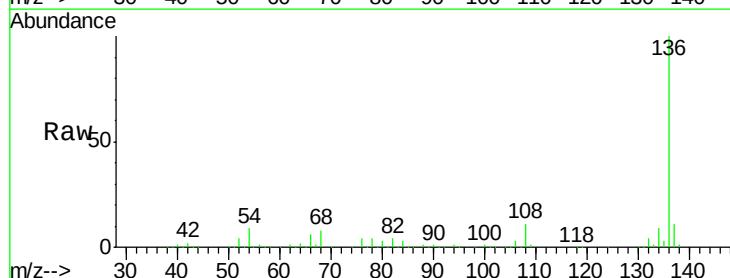
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 9.1 6.4 9.6

68 8.3 6.3 9.5

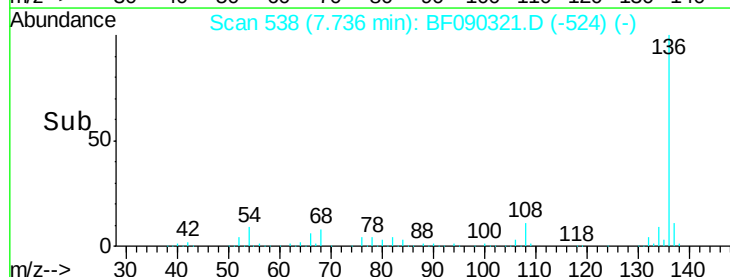
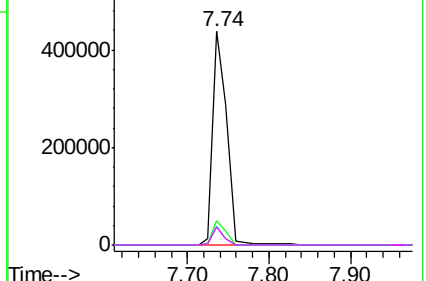


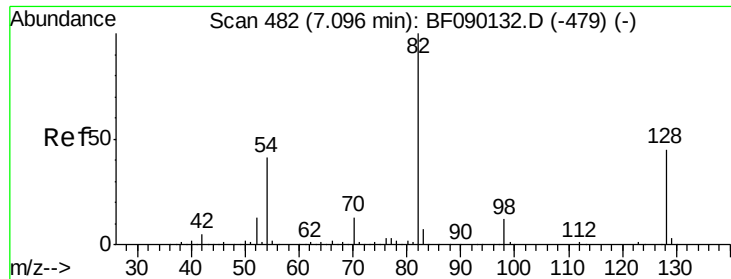
Abundance Ion 136.00 (135.70 to 136.70): E

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

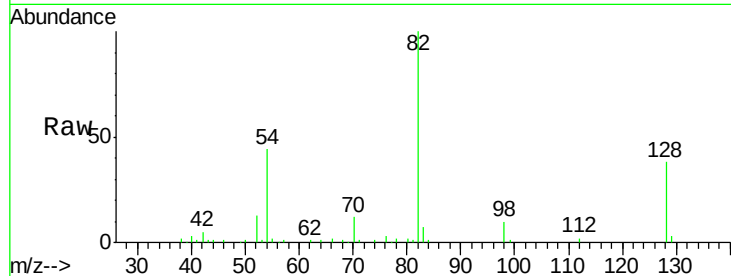




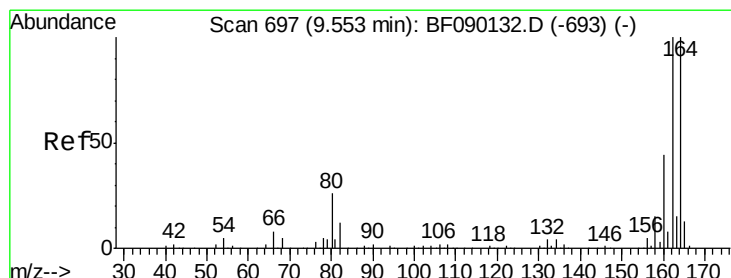
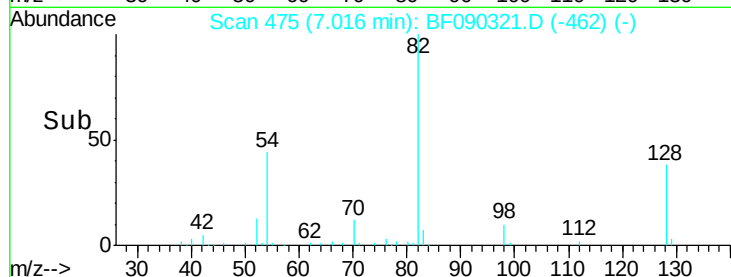
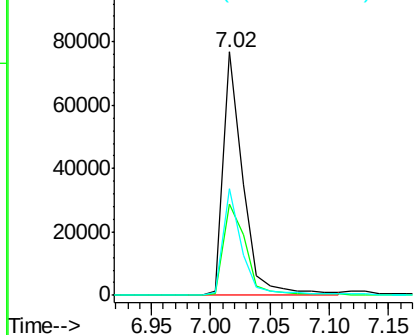
#23
 Nitrobenzene-d5
 Concen: 9.75 ng
 RT: 7.02 min Scan# 475
 Delta R.T. -0.05 min
 Lab File: BF090321.D
 Acq: 30 Sep 2016 19:28

Instrument :
 BNA_F
 ClientSampleId :
 WC-TSCA-09272016

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.6	37.5	56.3
54	43.9	31.9	47.9

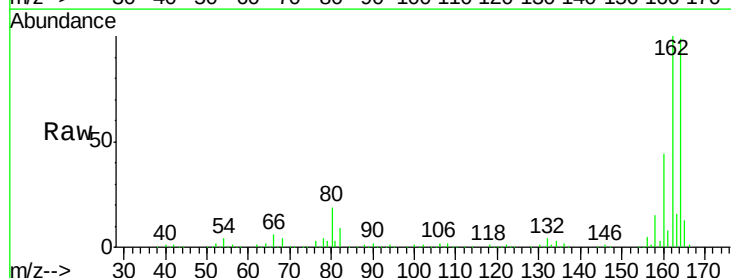


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

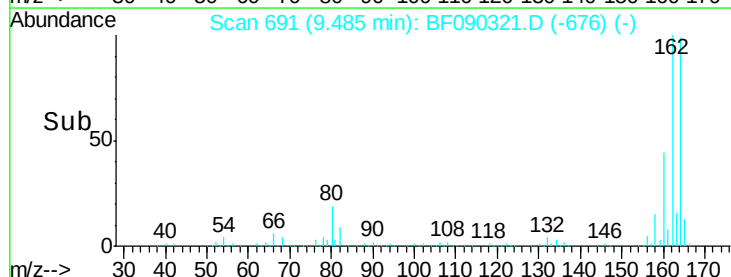
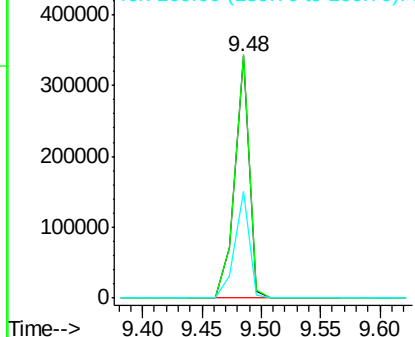


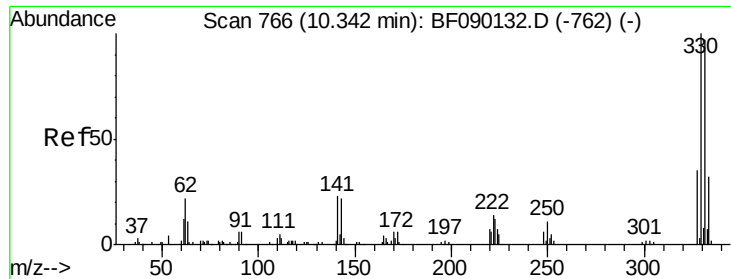
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.48 min Scan# 691
 Delta R.T. -0.02 min
 Lab File: BF090321.D
 Acq: 30 Sep 2016 19:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.4	122.2
160	43.9	36.6	54.8



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

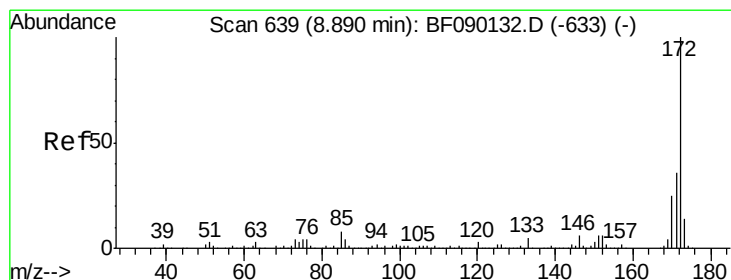
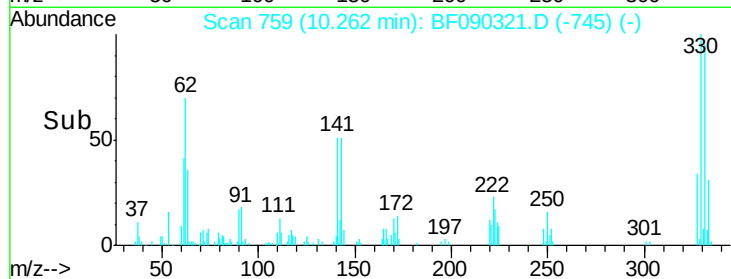
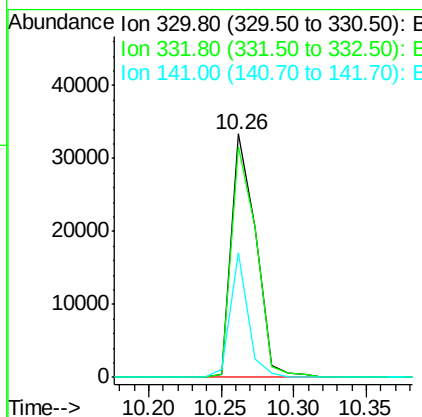
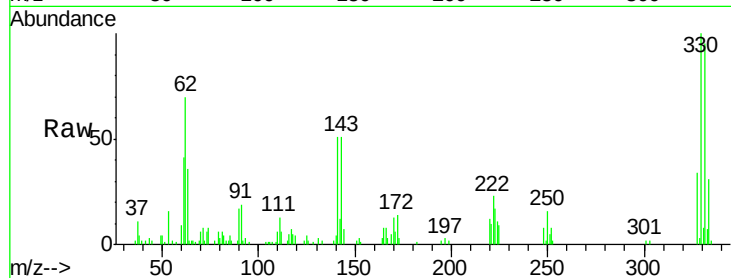




#41
 2,4,6-Tribromophenol
 Concen: 15.49 ng
 RT: 10.26 min Scan# 759
 Delta R.T. -0.03 min
 Lab File: BF090321.D
 Acq: 30 Sep 2016 19:28

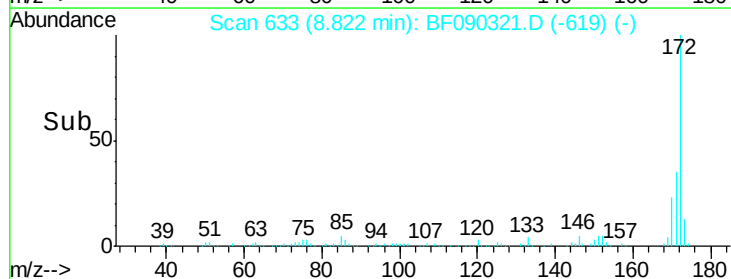
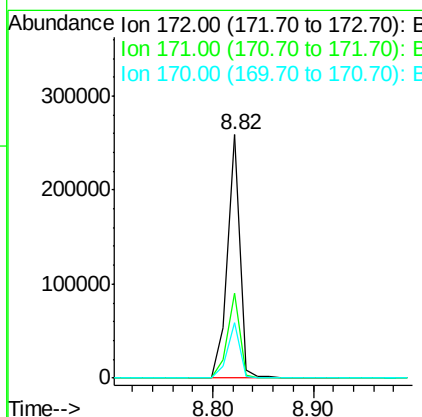
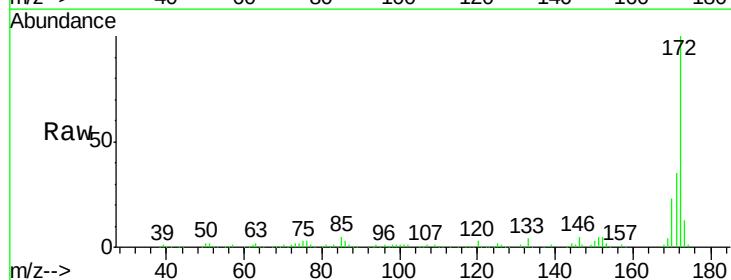
Instrument :
 BNA_F
 ClientSampleId :
 WC-TSCA-09272016

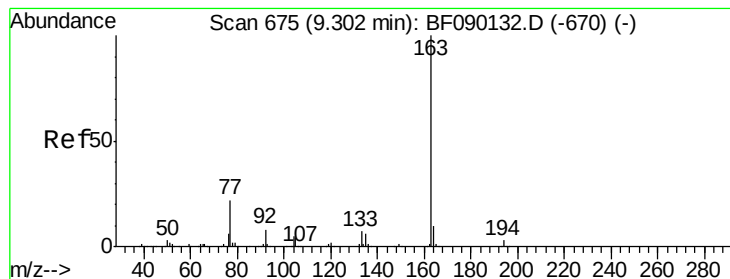
Tgt Ion:330 Resp: 38967
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.1 117.1
 141 37.3 23.9 35.9#



#44
 2-Fluorobiphenyl
 Concen: 15.10 ng
 RT: 8.82 min Scan# 633
 Delta R.T. -0.03 min
 Lab File: BF090321.D
 Acq: 30 Sep 2016 19:28

Tgt Ion:172 Resp: 225582
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.2 43.8
 170 23.0 19.8 29.8





#49

Dimethylphthalate

Concen: 3.61 ng

RT: 9.22 min Scan# 668

Delta R.T. -0.05 min

Lab File: BF090321.D

Acq: 30 Sep 2016 19:28

Instrument :

BNA_F

ClientSampleId :

WC-TSCA-09272016

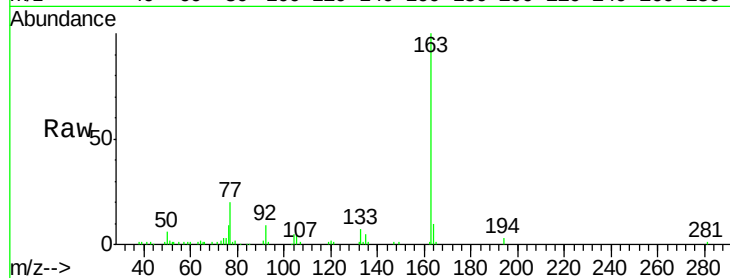
Tgt Ion:163 Resp: 67373

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

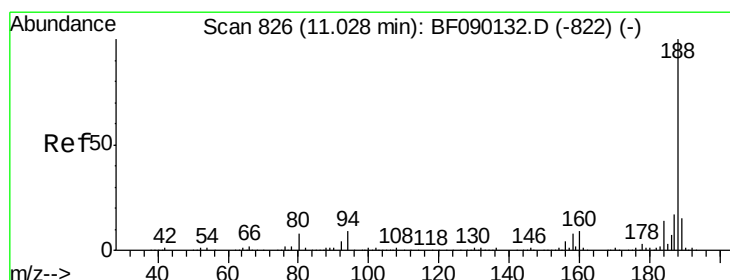
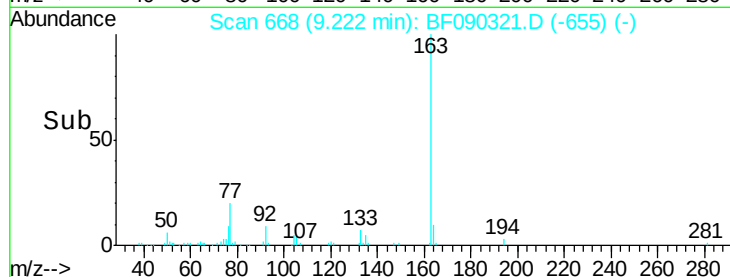
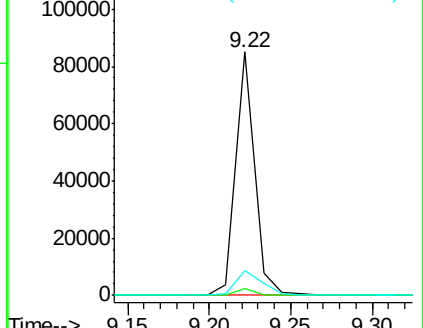
164 10.3 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.95 min Scan# 819

Delta R.T. -0.03 min

Lab File: BF090321.D

Acq: 30 Sep 2016 19:28

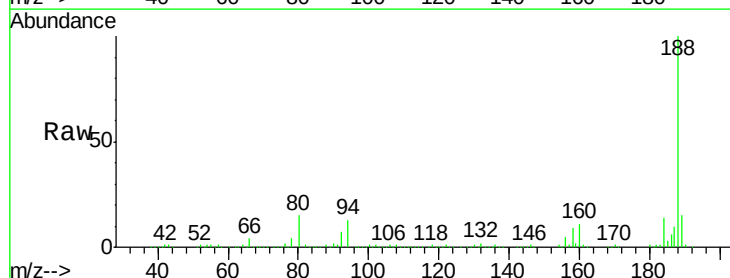
Tgt Ion:188 Resp: 347438

Ion Ratio Lower Upper

188 100

94 13.3 10.5 15.7

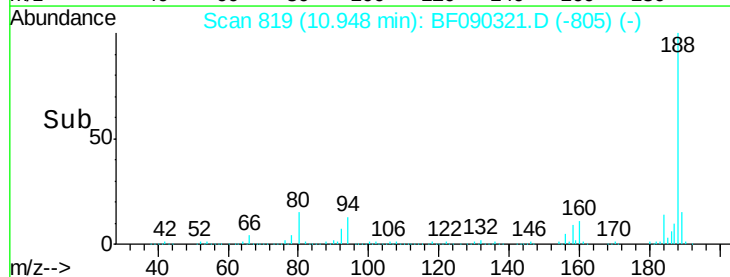
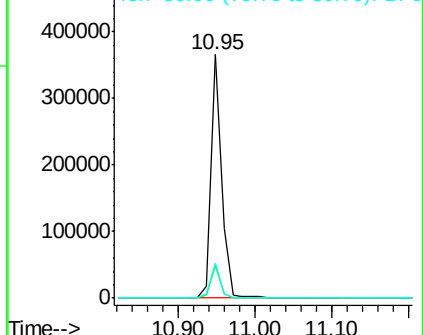
80 14.6 11.2 16.8

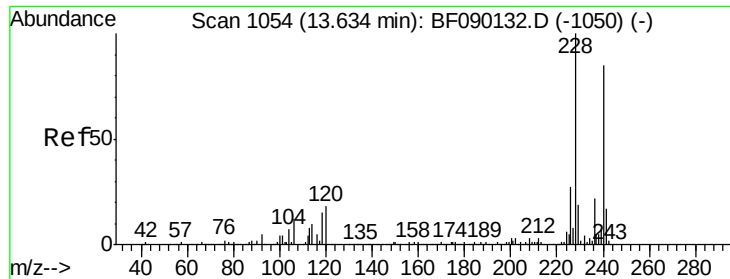


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.57 min Scan# 1048

Delta R.T. -0.03 min

Lab File: BF090321.D

Acq: 30 Sep 2016 19:28

Instrument :

BNA_F

ClientSampleId :

WC-TSCA-09272016

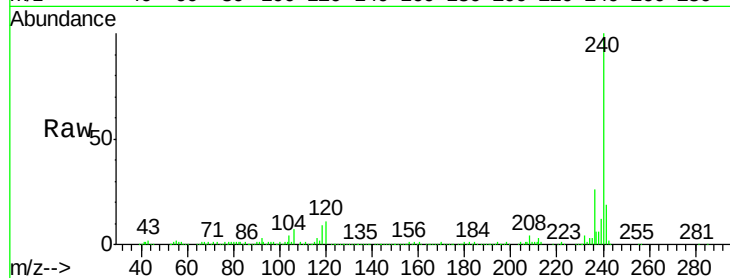
Tgt Ion:240 Resp: 278726

Ion Ratio Lower Upper

240 100

120 10.8 10.6 16.0

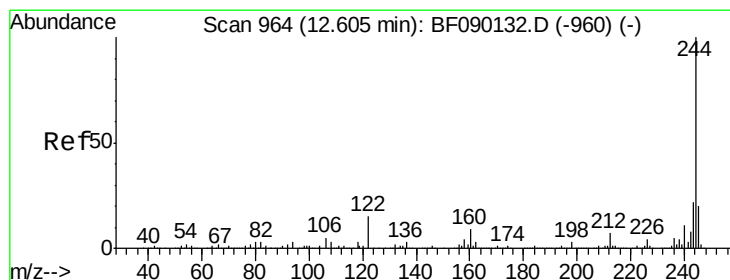
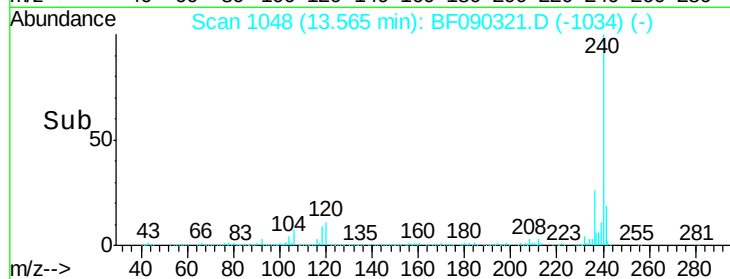
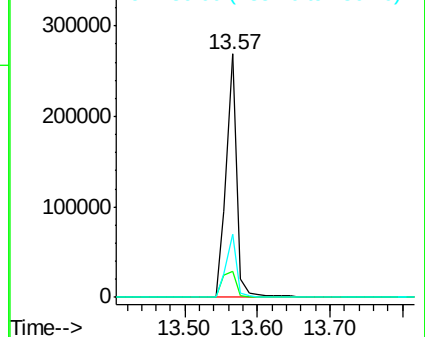
236 26.1 21.6 32.4



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: 11.95 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.02 min

Lab File: BF090321.D

Acq: 30 Sep 2016 19:28

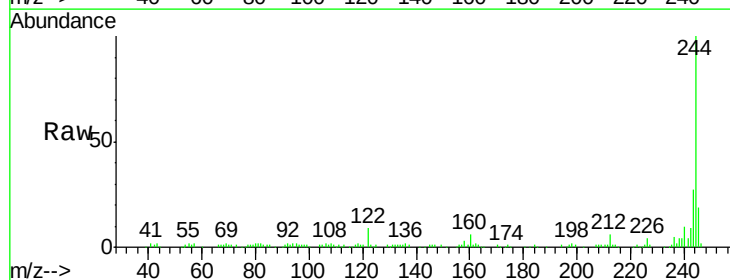
Tgt Ion:244 Resp: 131144

Ion Ratio Lower Upper

244 100

212 6.3 5.8 8.8

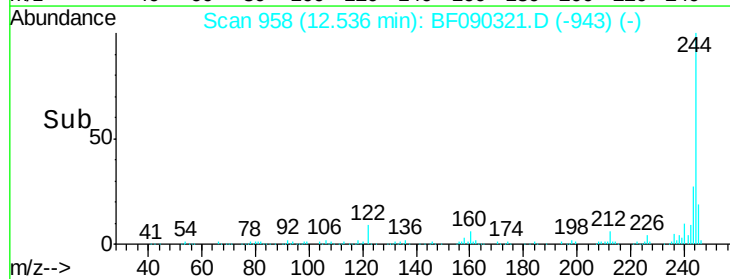
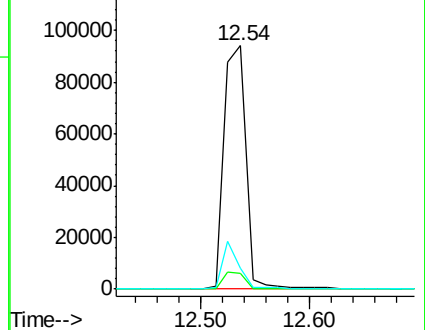
122 8.8 9.4 14.0#

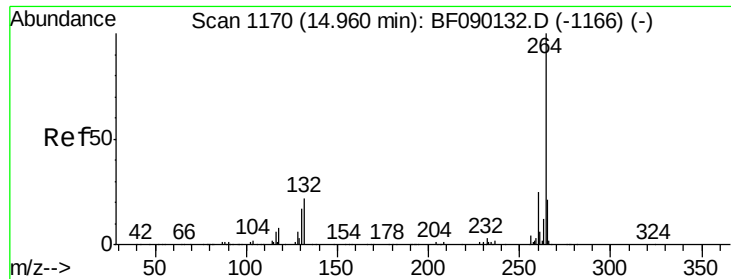


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.88 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF090321.D
Acq: 30 Sep 2016 19:28

Instrument :
BNA_F
ClientSampleId :
WC-TSCA-09272016

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.8	17.0	25.4

