

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011717\
 Data File : BF092328.D
 Acq On : 17 Jan 2017 20:58
 Operator : UM/SJ
 Sample : I1243-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPM

Quant Time: Jan 17 23:59:57 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	629104	20.00	ng	0.07
21) Naphthalene-d8	7.84	136	722145	20.00	ng	-0.09
38) Acenaphthene-d10	9.58	164	390307	20.00	ng	-0.10
63) Phenanthrene-d10	11.07	188	663473	20.00	ng	-0.09
75) Chrysene-d12	13.69	240	493789	20.00	ng	-0.10
86) Perylene-d12	15.05	264	369647	20.00	ng	-0.10

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.15	112	1487698	39.49	ng	-0.09
7) Phenol-d6	6.22	99	1817109	39.50	ng	-0.09
23) Nitrobenzene-d5	7.12	82	1048610	80.74	ng	-0.09
41) 2,4,6-Tribromophenol	10.38	330	437034	135.30	ng	-0.09
44) 2-Fluorobiphenyl	8.92	172	1715501	90.96	ng	-0.09
78) Terphenyl-d14	12.66	244	1740219	85.47	ng	-0.09

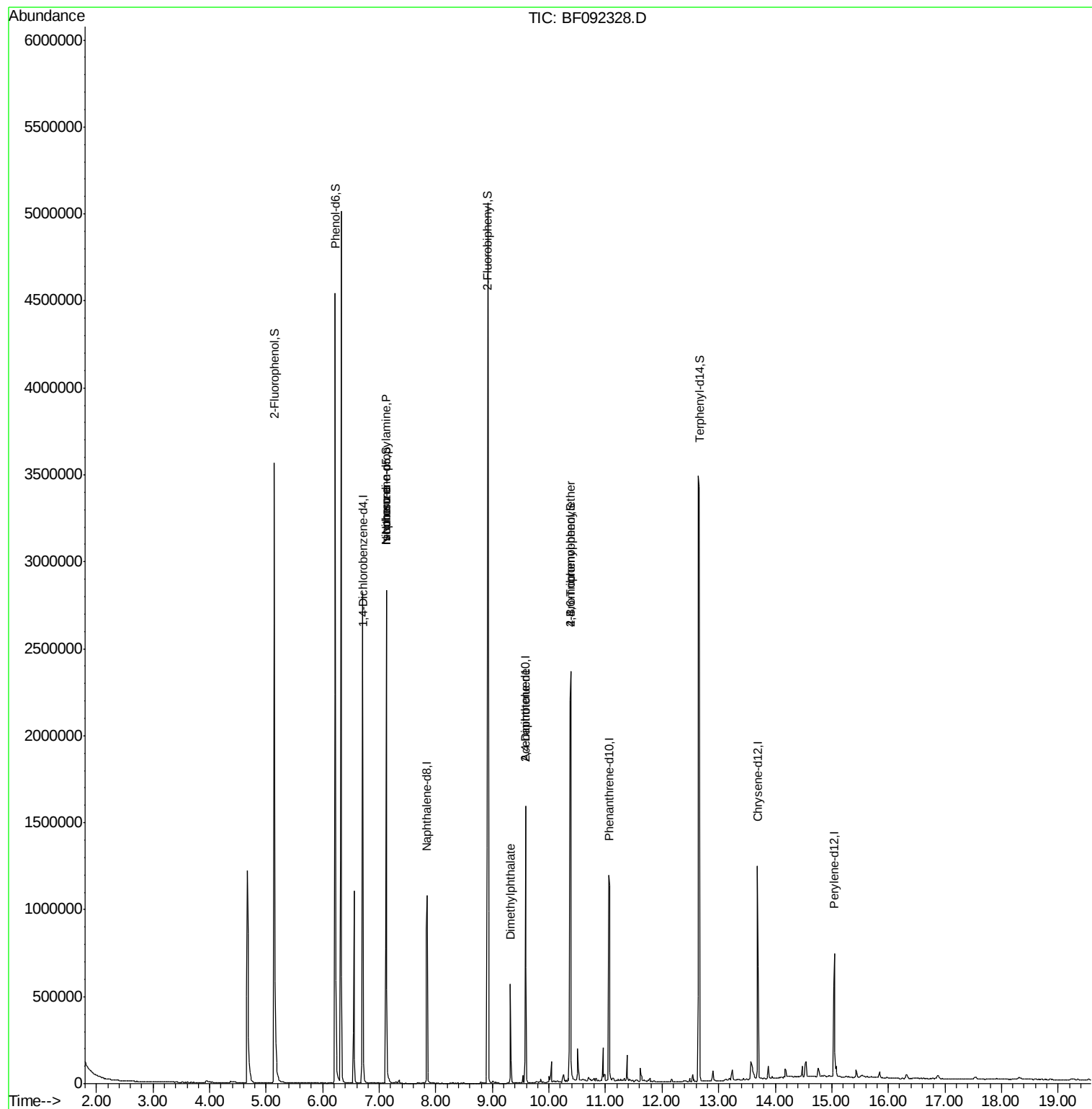
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.22	77	3219	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.12	70	139437	4.56	ng	77
25) Isophorone	7.12	82	851019	35.52	ng	65
49) Dimethylphthalate	9.32	163	233256	9.34	ng	99
56) 2,4-Dinitrotoluene	9.58	165	50832	7.41	ng	20
66) 4-Bromophenyl-phenylether	10.38	248	28393	4.11	ng	1
71) Anthracene	11.09	178	1051	Below Cal	#	59
73) Di-n-butylphthalate	11.64	149	10043	Below Cal	#	96
74) Fluoranthene	12.28	202	449	Below Cal		61
76) Benzidine	12.65	184	22690	Below Cal		98

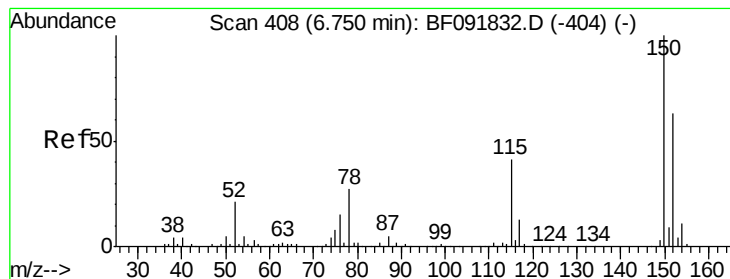
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 431

Delta R.T. 0.07 min

Lab File: BF092328.D

Acq: 17 Jan 2017 20:58

Instrument :

BNA_F

ClientSampleId :

PHOENIX-BPM

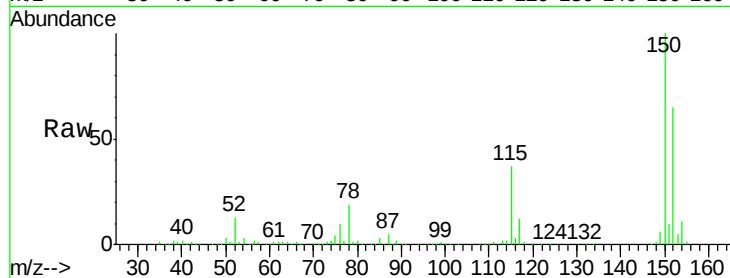
Tgt Ion:152 Resp: 629104

Ion Ratio Lower Upper

152 100

150 153.0 124.9 187.3

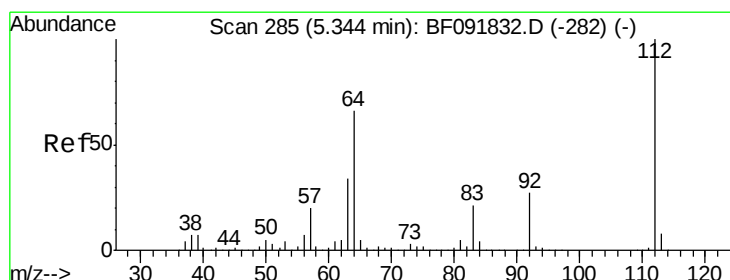
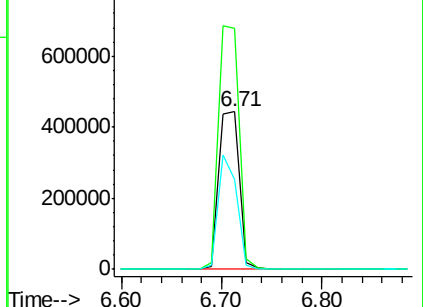
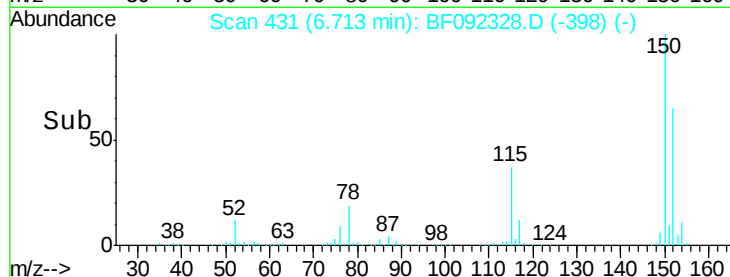
115 57.2 46.0 69.0



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: 39.49 ng

RT: 5.15 min Scan# 294

Delta R.T. -0.09 min

Lab File: BF092328.D

Acq: 17 Jan 2017 20:58

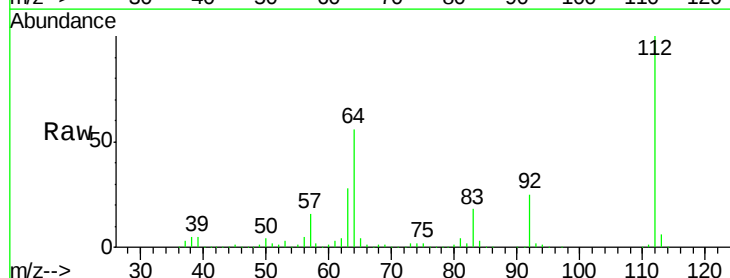
Tgt Ion:112 Resp: 1487698

Ion Ratio Lower Upper

112 100

64 55.5 46.1 69.1

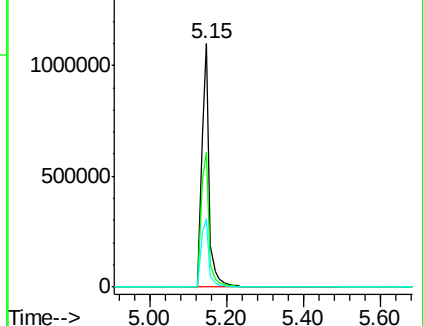
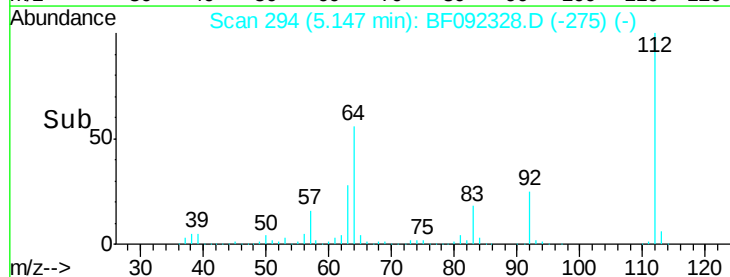
63 28.0 23.8 35.6



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: 39.50 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.09 min

Lab File: BF092328.D

Acq: 17 Jan 2017 20:58

Instrument :

BNA_F

ClientSampleId :

PHOENIX-BPM

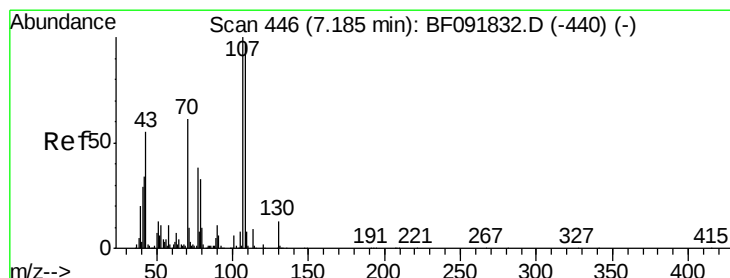
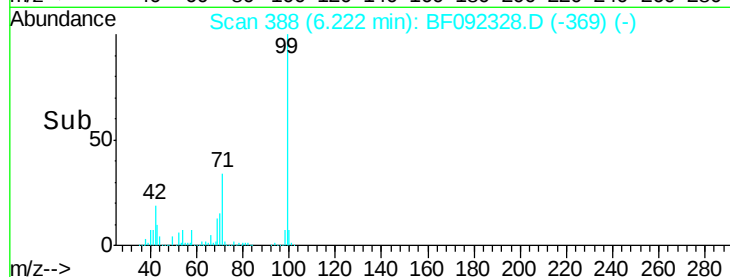
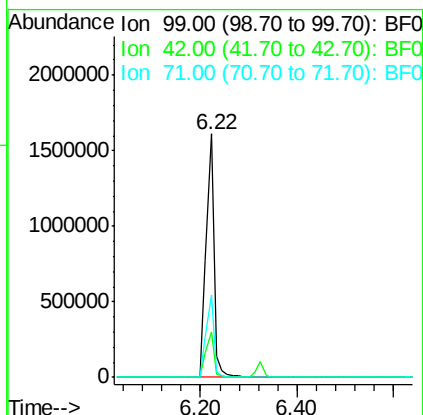
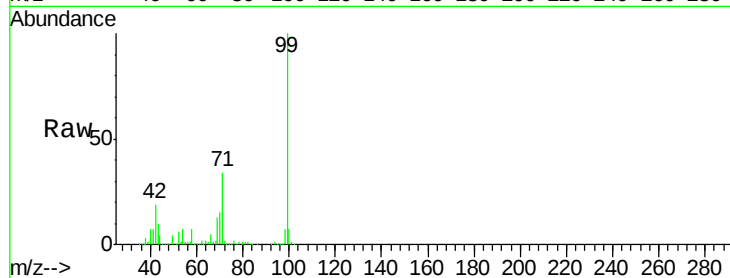
Tgt Ion: 99 Resp: 1817109

Ion Ratio Lower Upper

99 100

42 18.8 15.6 23.4

71 33.8 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 4.56 ng

RT: 7.12 min Scan# 467

Delta R.T. 0.05 min

Lab File: BF092328.D

Acq: 17 Jan 2017 20:58

Tgt Ion: 70 Resp: 139437

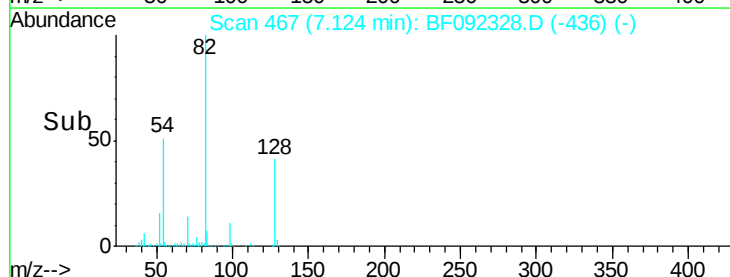
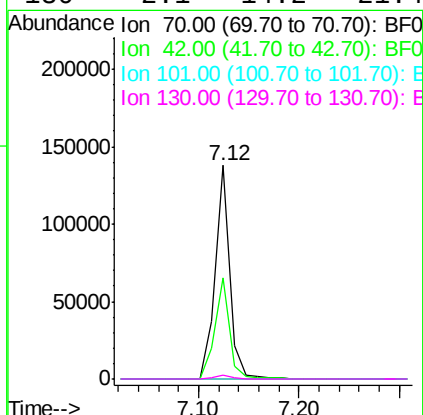
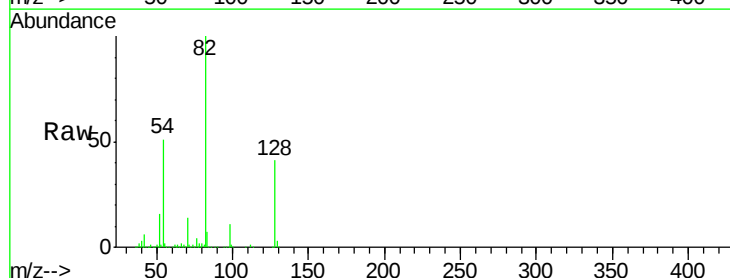
Ion Ratio Lower Upper

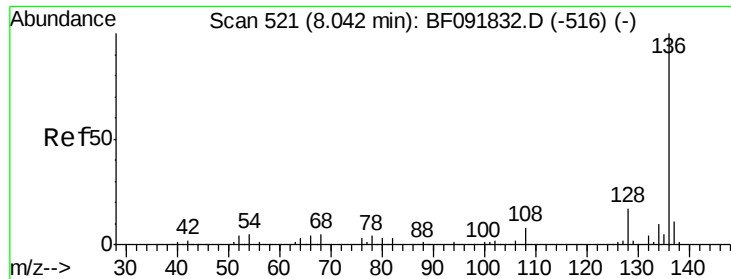
70 100

42 47.1 49.4 74.0#

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

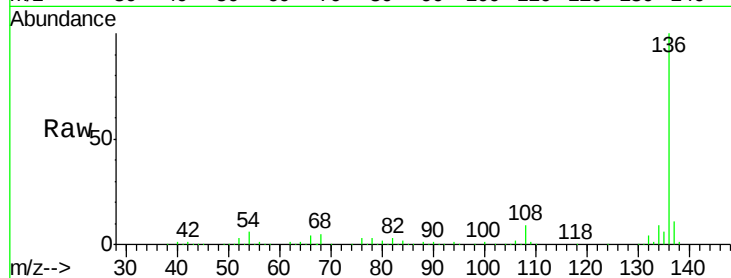




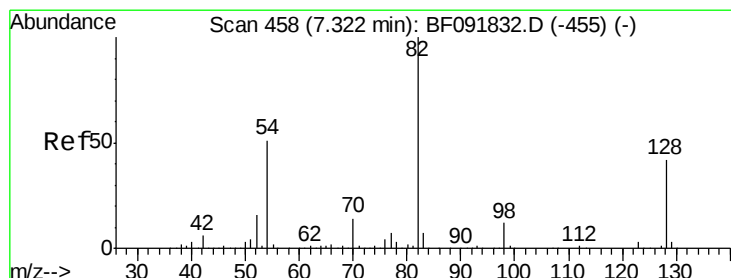
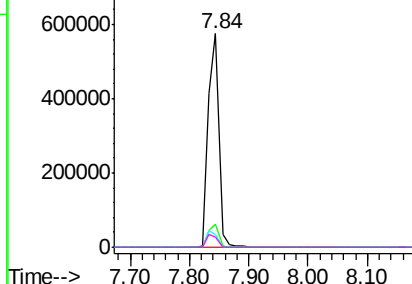
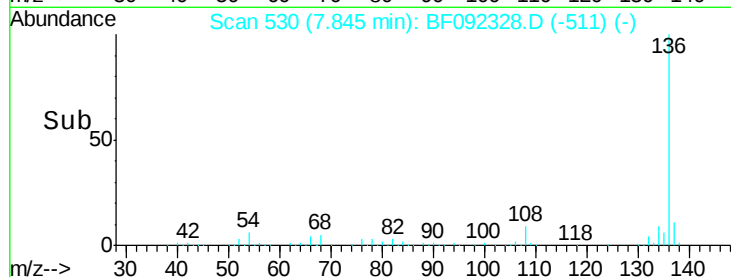
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. -0.09 min
Lab File: BF092328.D
Acq: 17 Jan 2017 20:58

Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPM

Tgt Ion:	136	Resp:	722145
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	5.8	4.5	6.7
68	5.0	3.6	5.4

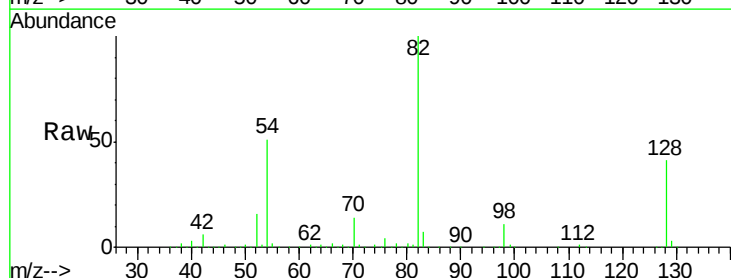


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

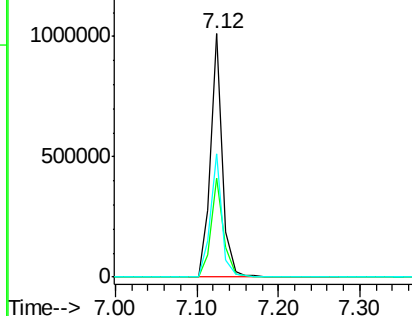
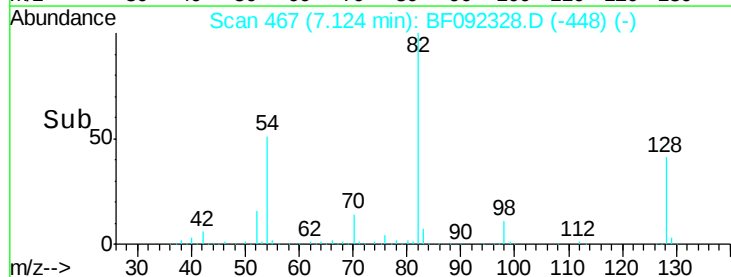


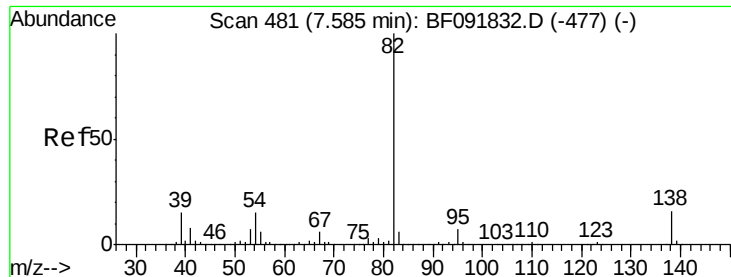
#23
Nitrobenzene-d5
Concen: 80.74 ng
RT: 7.12 min Scan# 467
Delta R.T. -0.09 min
Lab File: BF092328.D
Acq: 17 Jan 2017 20:58

Tgt Ion:	82	Resp:	1048610
Ion	Ratio	Lower	Upper
82	100		
128	40.7	34.6	52.0
54	50.7	39.5	59.3



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





#25

Isophorone

Concen: 35.52 ng

RT: 7.12 min Scan# 467

Delta R.T. -0.35 min

Lab File: BF092328.D

Acq: 17 Jan 2017 20:58

Instrument :

BNA_F

ClientSampleId :

PHOENIX-BPM

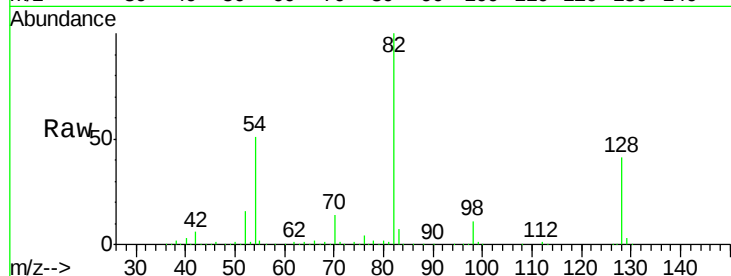
Tgt Ion: 82 Resp: 851019

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

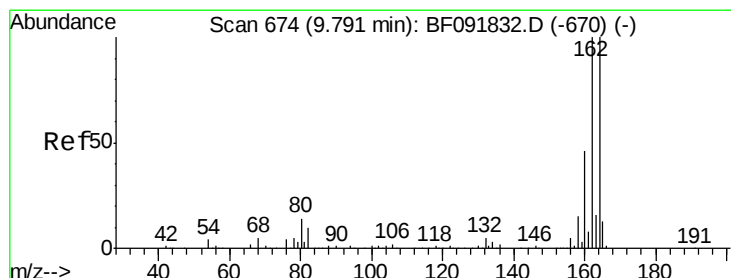
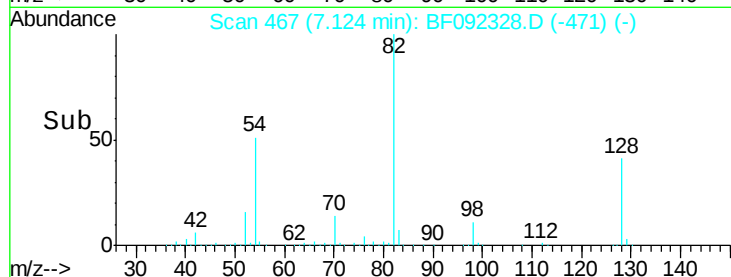
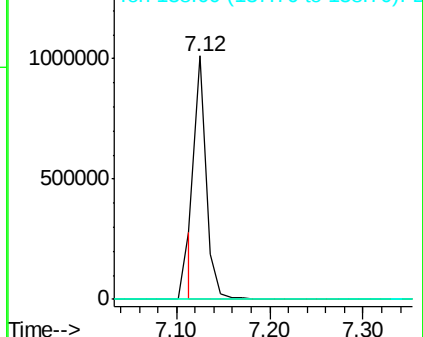
138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 682

Delta R.T. -0.10 min

Lab File: BF092328.D

Acq: 17 Jan 2017 20:58

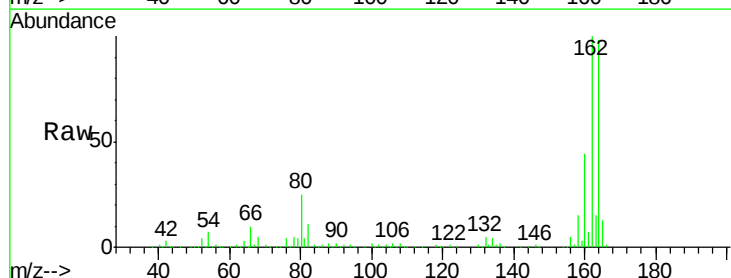
Tgt Ion: 164 Resp: 390307

Ion Ratio Lower Upper

164 100

162 102.1 80.2 120.2

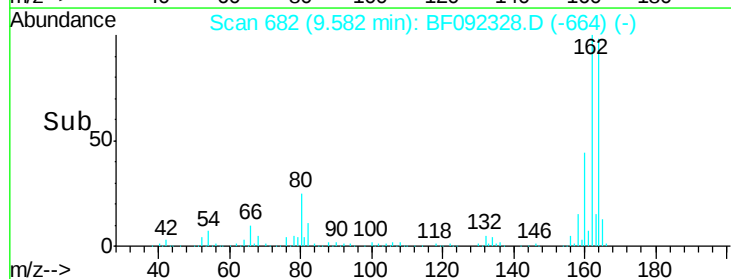
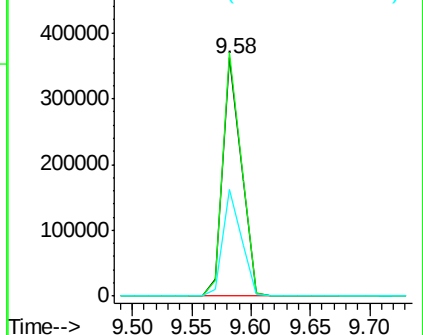
160 45.0 36.9 55.3

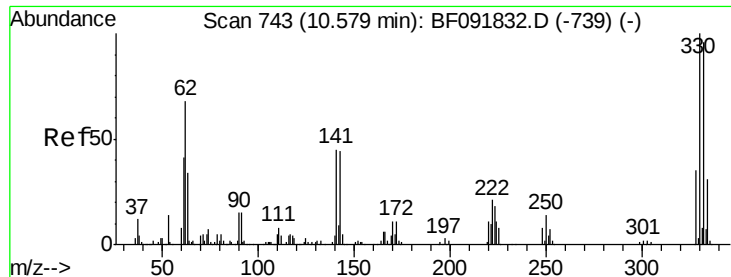


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

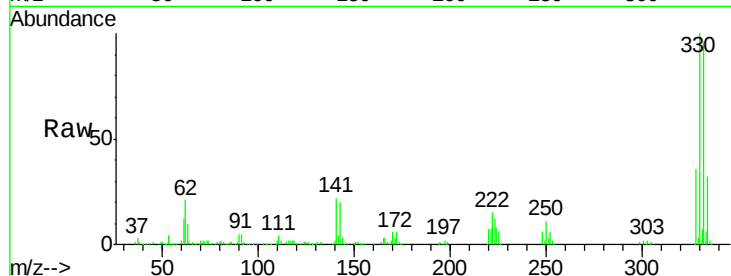




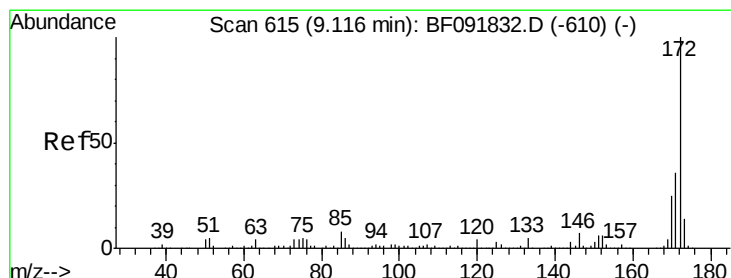
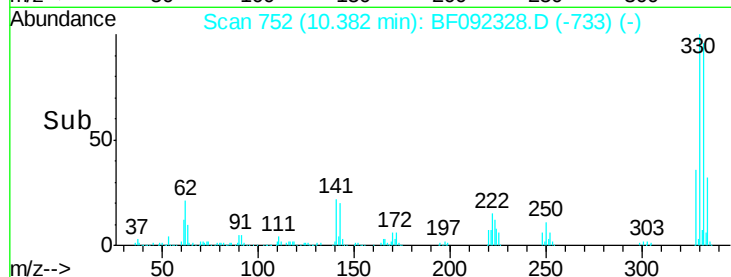
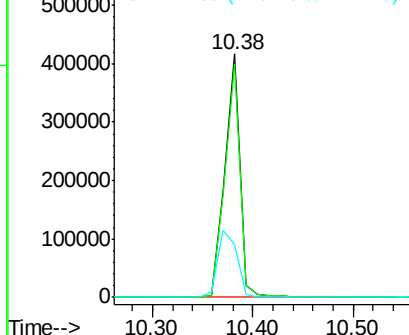
#41
 2,4,6-Tribromophenol
 Concen: 135.30 ng
 RT: 10.38 min Scan# 752
 Delta R.T. -0.09 min
 Lab File: BF092328.D
 Acq: 17 Jan 2017 20:58

Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPM

Tgt Ion:330 Resp: 437034
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 35.0 34.1 51.1

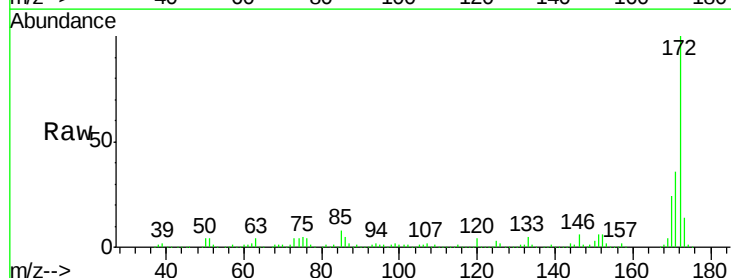


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

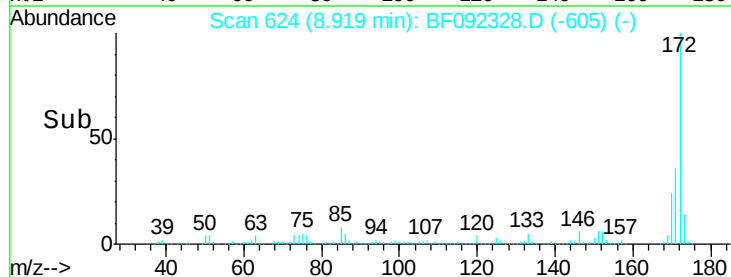
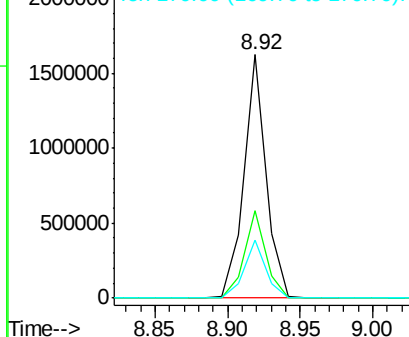


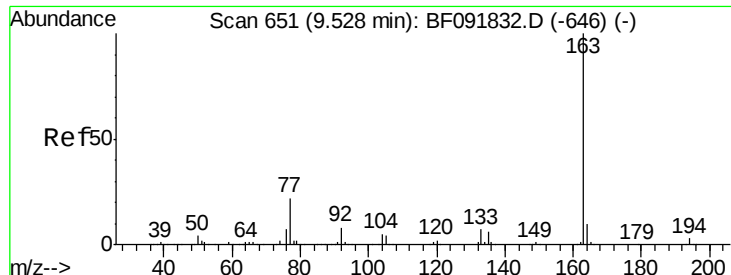
#44
 2-Fluorobiphenyl
 Concen: 90.96 ng
 RT: 8.92 min Scan# 624
 Delta R.T. -0.09 min
 Lab File: BF092328.D
 Acq: 17 Jan 2017 20:58

Tgt Ion:172 Resp: 1715501
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.0 20.2 30.4



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

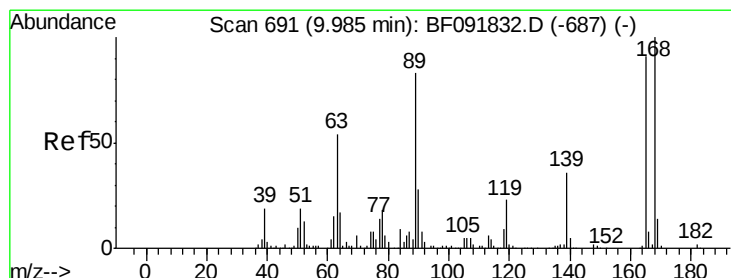
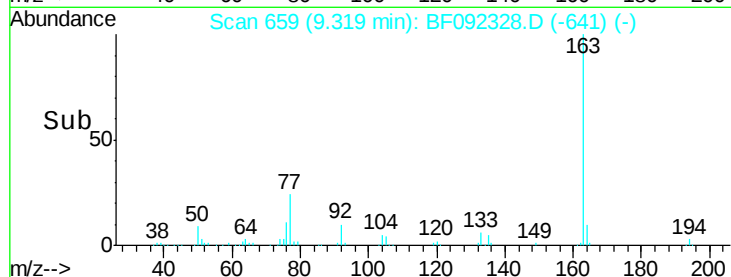
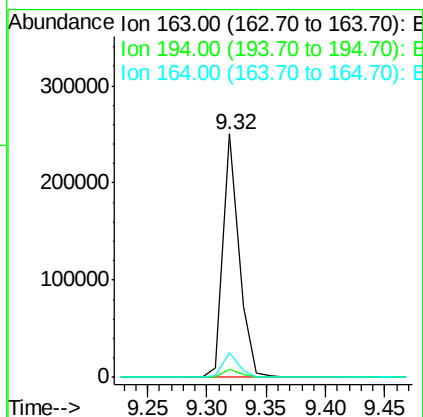
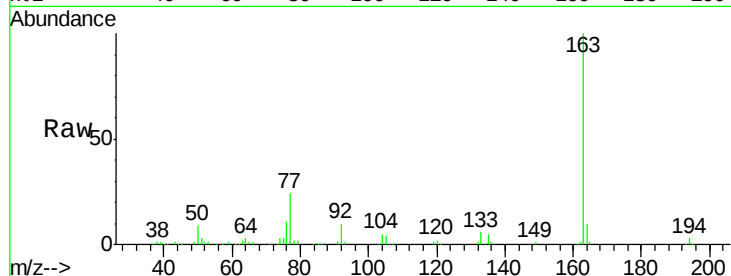




#49
Dimethylphthalate
Concen: 9.34 ng
RT: 9.32 min Scan# 659
Delta R.T. -0.10 min
Lab File: BF092328.D
Acq: 17 Jan 2017 20:58

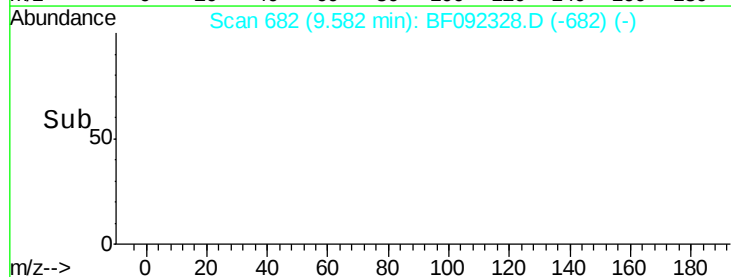
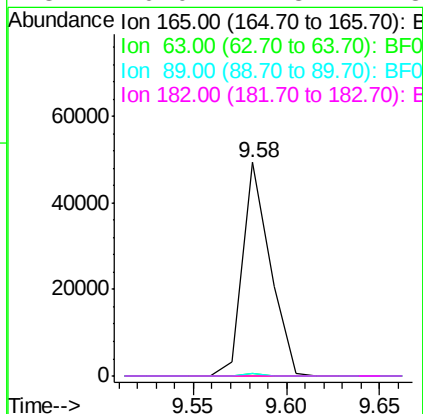
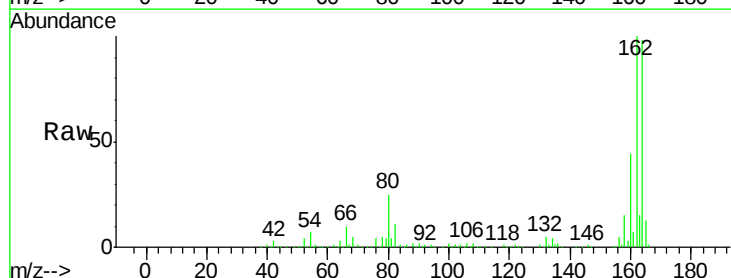
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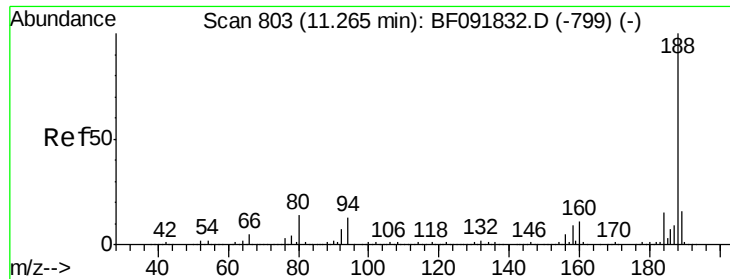
Tgt Ion:163 Resp: 233256
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 10.4 8.0 12.0



#56
2,4-Dinitrotoluene
Concen: 7.41 ng
RT: 9.58 min Scan# 682
Delta R.T. -0.31 min
Lab File: BF092328.D
Acq: 17 Jan 2017 20:58

Tgt Ion:165 Resp: 50832
Ion Ratio Lower Upper
165 100
63 1.2 40.2 60.4#
89 1.0 62.5 93.7#
182 0.0 1.8 2.8#

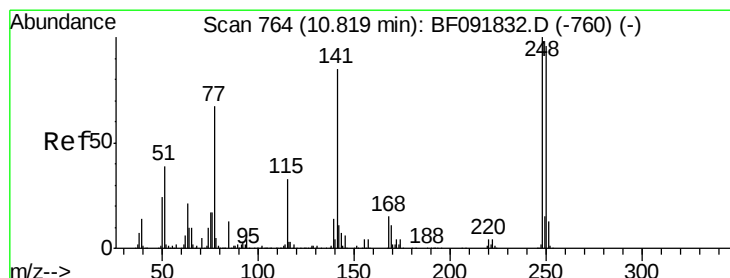
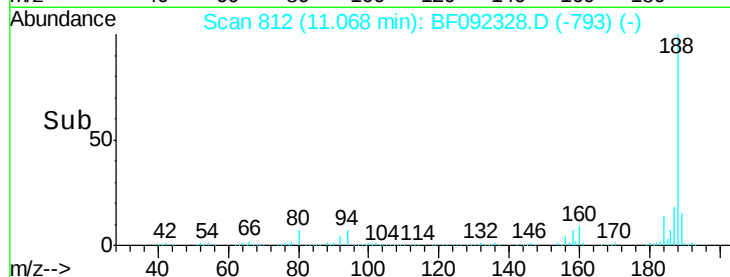
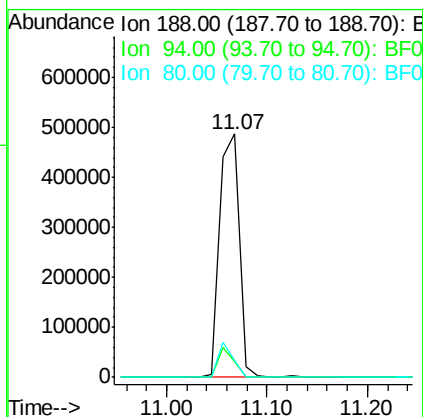
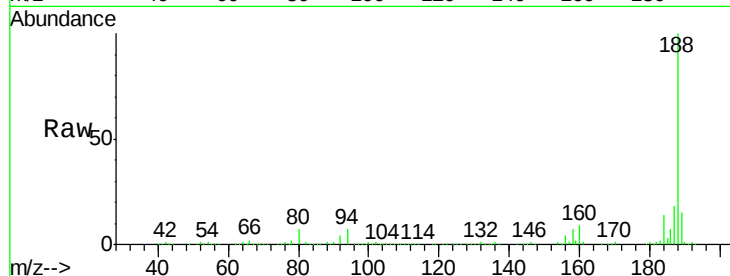




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 812
 Delta R.T. -0.09 min
 Lab File: BF092328.D
 Acq: 17 Jan 2017 20:58

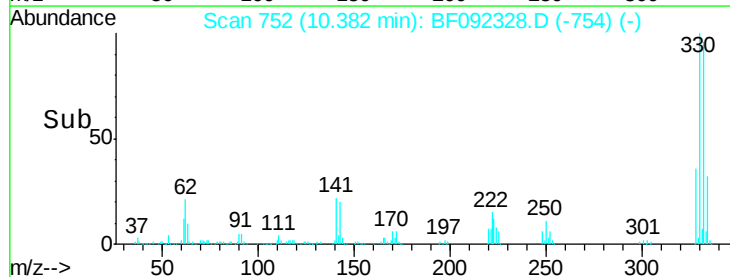
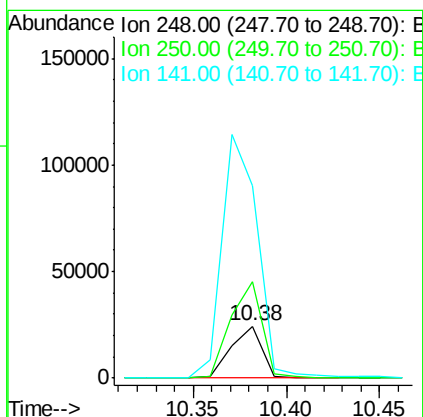
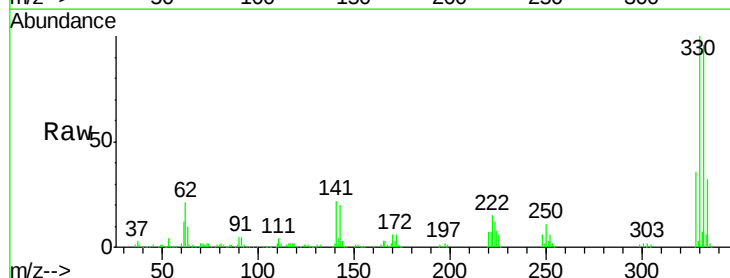
Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPM

Tgt Ion:188 Resp: 663473
 Ion Ratio Lower Upper
 188 100
 94 6.6 10.0 15.0#
 80 6.9 11.2 16.8#



#66
 4-Bromophenyl-phenylether
 Concen: 4.11 ng
 RT: 10.38 min Scan# 752
 Delta R.T. -0.33 min
 Lab File: BF092328.D
 Acq: 17 Jan 2017 20:58

Tgt Ion:248 Resp: 28393
 Ion Ratio Lower Upper
 248 100
 250 186.1 76.9 115.3#
 141 372.5 68.2 102.4#





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.64 min Scan# 862

Delta R.T. -0.09 min

Lab File: BF092328.D

Acq: 17 Jan 2017 20:58

Instrument :

BNA_F

ClientSampleId :

PHOENIX-BPM

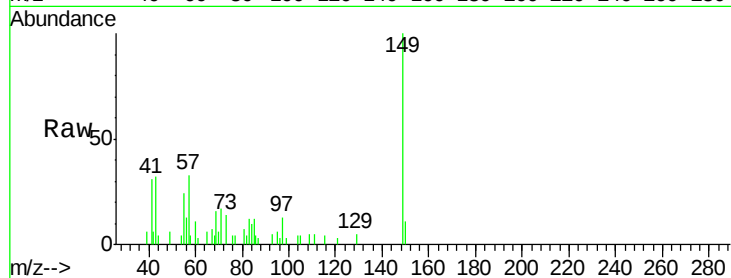
Tgt Ion:149 Resp: 10043

Ion Ratio Lower Upper

149 100

150 11.4 8.1 12.1

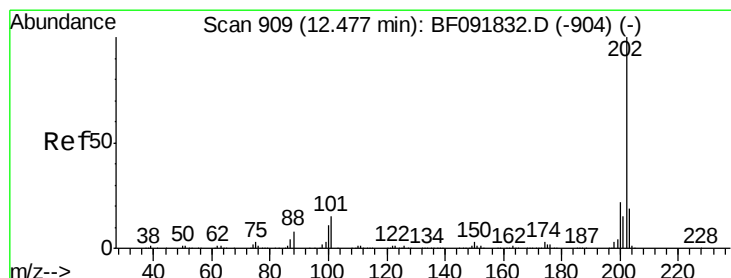
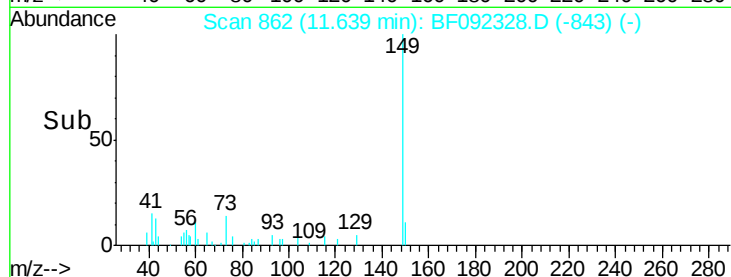
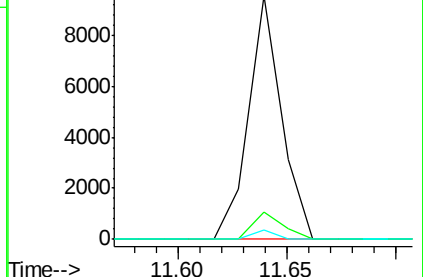
104 4.0 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: Below Cal

RT: 12.28 min Scan# 918

Delta R.T. -0.09 min

Lab File: BF092328.D

Acq: 17 Jan 2017 20:58

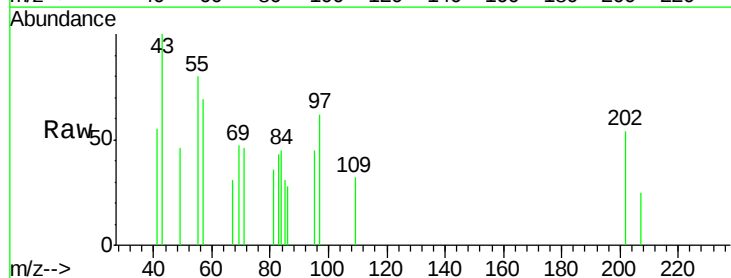
Tgt Ion:202 Resp: 449

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

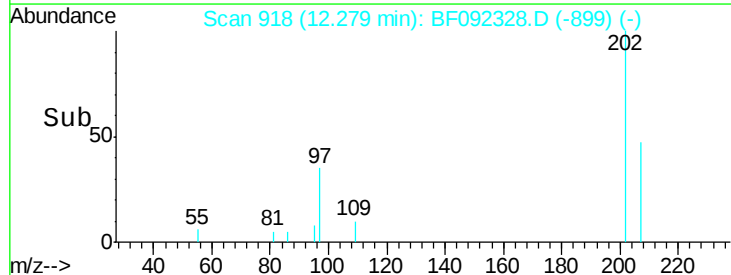
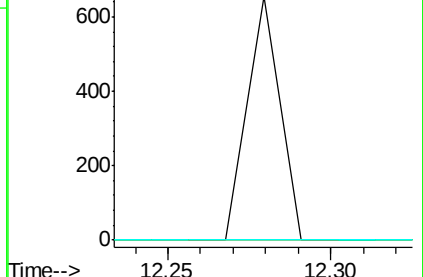
203 0.0 0.0 38.7

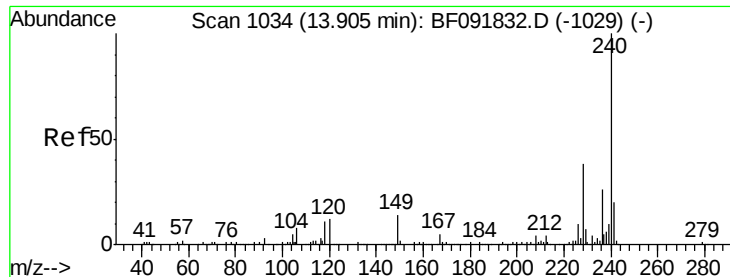


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1041

Delta R.T. -0.10 min

Lab File: BF092328.D

Acq: 17 Jan 2017 20:58

Instrument :

BNA_F

ClientSampleId :

PHOENIX-BPM

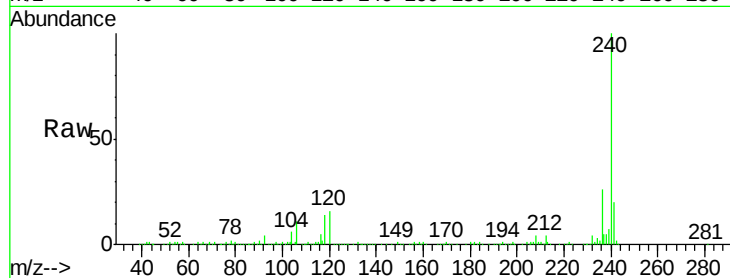
Tgt Ion:240 Resp: 493789

Ion Ratio Lower Upper

240 100

120 16.0 12.9 19.3

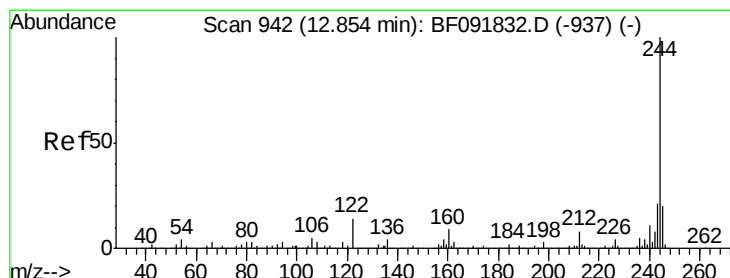
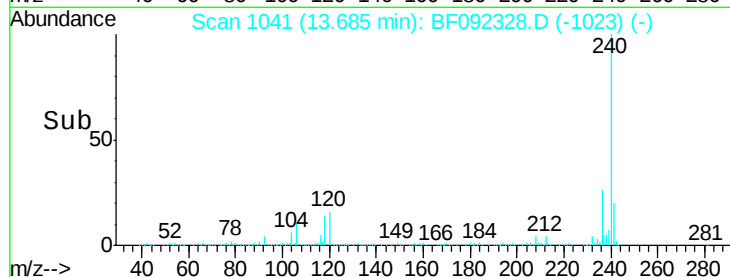
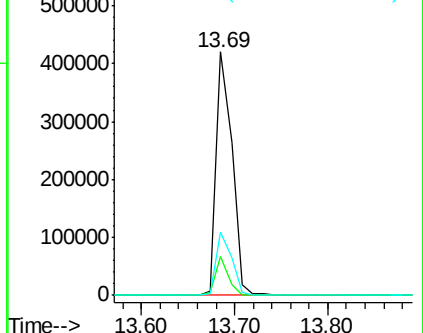
236 25.7 20.9 31.3



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: 85.47 ng

RT: 12.66 min Scan# 951

Delta R.T. -0.09 min

Lab File: BF092328.D

Acq: 17 Jan 2017 20:58

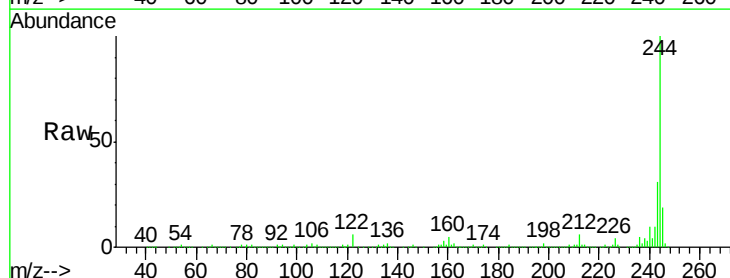
Tgt Ion:244 Resp: 1740219

Ion Ratio Lower Upper

244 100

212 6.2 6.2 9.2

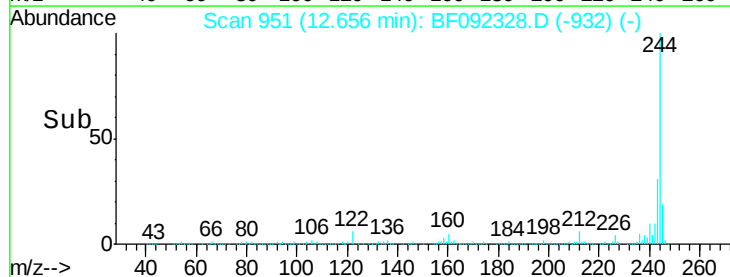
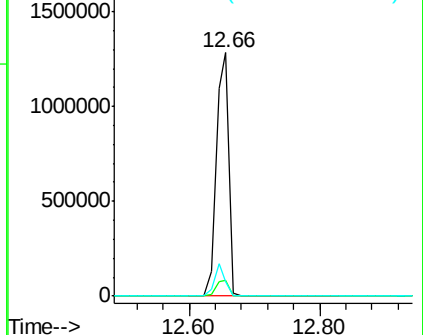
122 6.1 11.4 17.2#

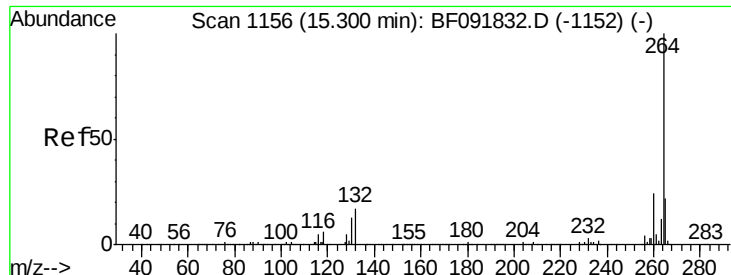


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

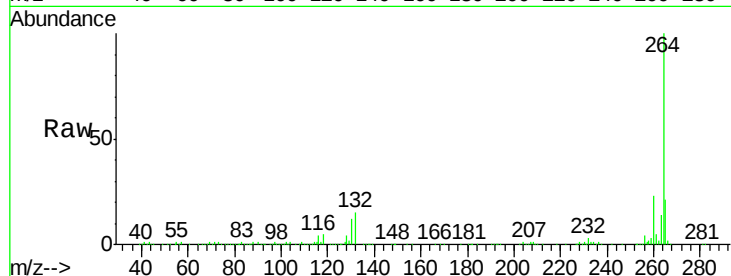




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1160
Delta R.T. -0.10 min
Lab File: BF092328.D
Acq: 17 Jan 2017 20:58

Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPM

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.1	17.4	26.0



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

