

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012017\
 Data File : BF092368.D
 Acq On : 20 Jan 2017 12:58
 Operator : UM/SJ
 Sample : I1265-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-3WS

Quant Time: Jan 20 22:12:14 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

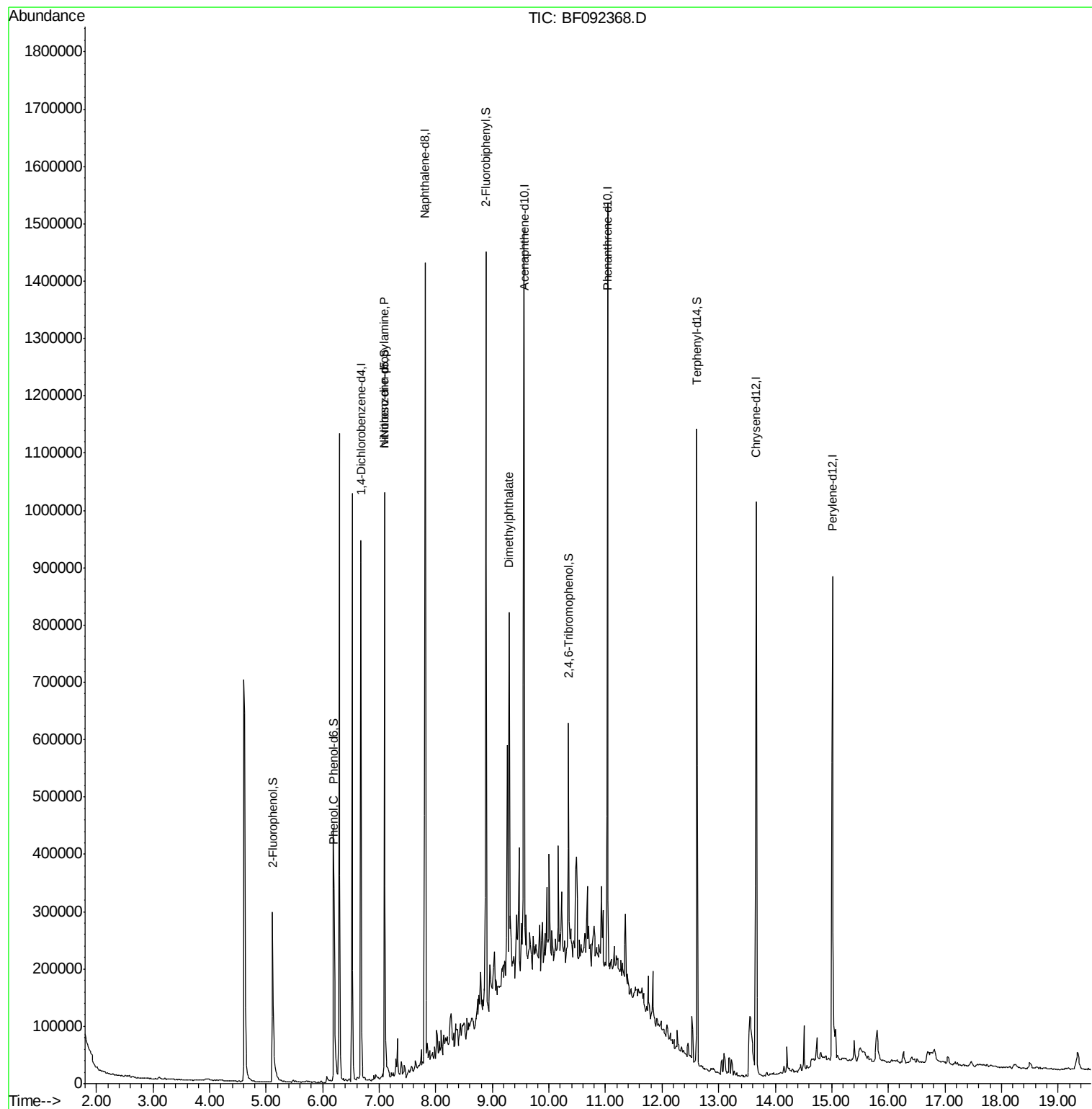
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	226624	20.00	ng	0.04
21) Naphthalene-d8	7.81	136	676703	20.00	ng	-0.12
38) Acenaphthene-d10	9.56	164	299483	20.00	ng	-0.12
63) Phenanthrene-d10	11.03	188	479569	20.00	ng	-0.12
75) Chrysene-d12	13.66	240	365960	20.00	ng	-0.12
86) Perylene-d12	15.01	264	421080	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	158865	11.70	ng	-0.12
7) Phenol-d6	6.19	99	158950	9.59	ng	-0.12
23) Nitrobenzene-d5	7.09	82	369400	30.35	ng	-0.12
41) 2,4,6-Tribromophenol	10.35	330	49390	19.93	ng	-0.12
44) 2-Fluorobiphenyl	8.88	172	538192	28.20	ng	-0.12
78) Terphenyl-d14	12.61	244	385890	25.57	ng	-0.13
Target Compounds						
9) Benzaldehyde	6.20	77	1241	Below Cal	#	1
10) Phenol	6.20	94	129976	6.88 ng	#	72
19) n-Nitroso-di-n-propylamine	7.09	70	50780	4.61 ng	#	77
37) 2-Methylnaphthalene	8.53	142	425	Below Cal	#	1
49) Dimethylphthalate	9.30	163	260201	13.58 ng		99
71) Anthracene	11.09	178	927	Below Cal	#	1
73) Di-n-butylphthalate	11.62	149	2232	Below Cal	#	61
74) Fluoranthene	12.24	202	1253	Below Cal		62
76) Benzydine	12.61	184	5417	Below Cal	#	87

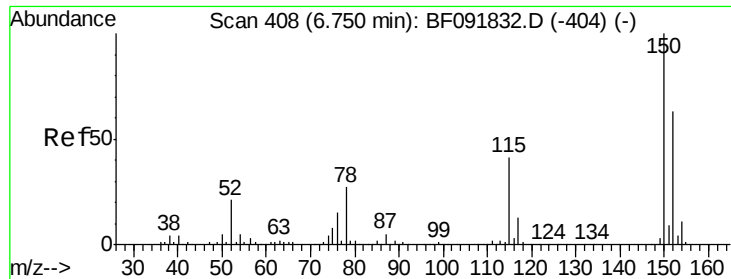
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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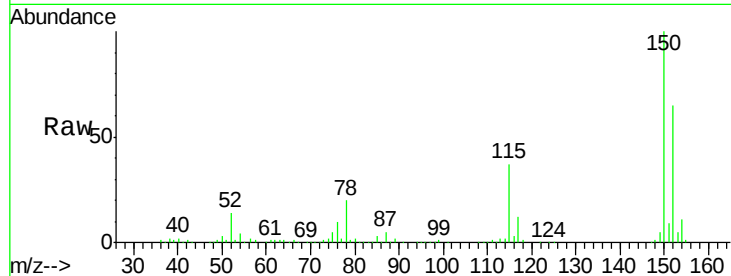




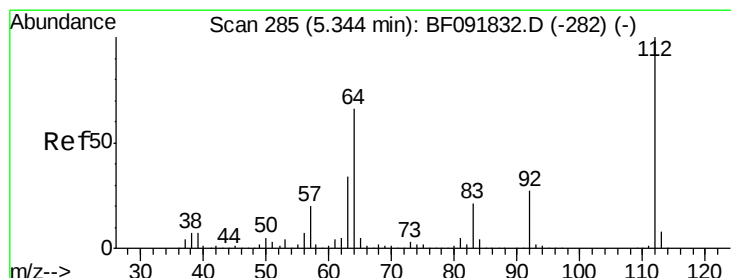
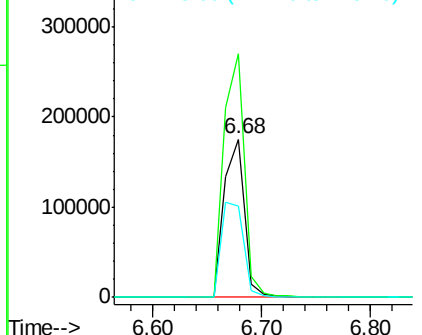
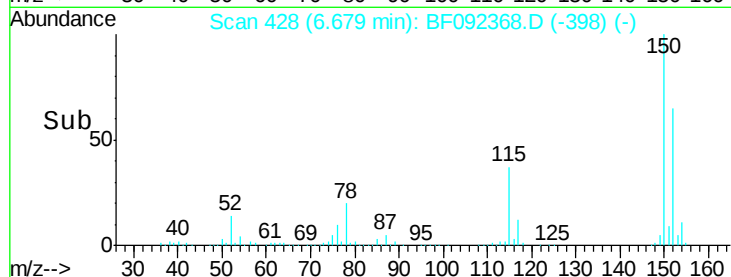
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.68 min Scan# 428
 Delta R.T. 0.04 min
 Lab File: BF092368.D
 Acq: 20 Jan 2017 12:58

Instrument :
 BNA_F
 ClientSampleId :
 B-3WS

Tgt Ion:152 Resp: 226624
 Ion Ratio Lower Upper
 152 100
 150 154.3 124.9 187.3
 115 57.8 46.0 69.0

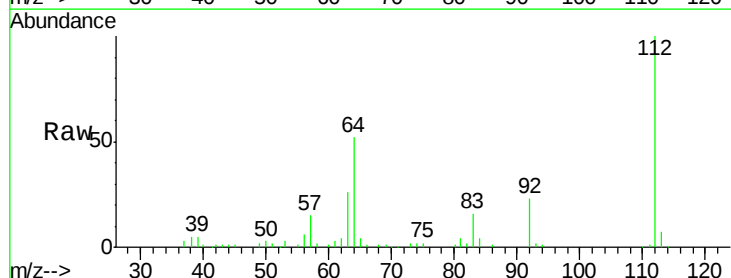


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

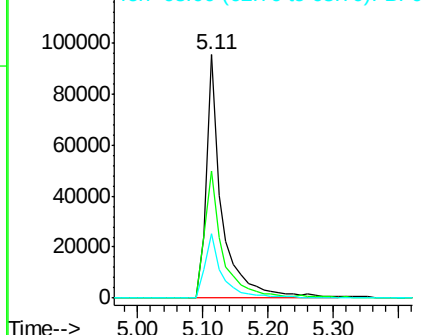
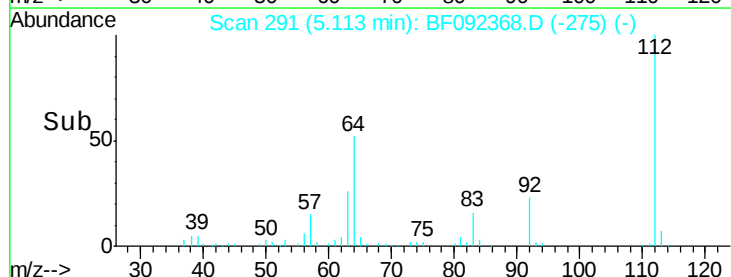


#5
 2-Fluorophenol
 Concen: 11.70 ng
 RT: 5.11 min Scan# 291
 Delta R.T. -0.12 min
 Lab File: BF092368.D
 Acq: 20 Jan 2017 12:58

Tgt Ion:112 Resp: 158865
 Ion Ratio Lower Upper
 112 100
 64 52.2 46.1 69.1
 63 26.3 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: 9.59 ng

RT: 6.19 min Scan# 385

Delta R.T. -0.12 min

Lab File: BF092368.D

Acq: 20 Jan 2017 12:58

Instrument :

BNA_F

ClientSampleId :

B-3WS

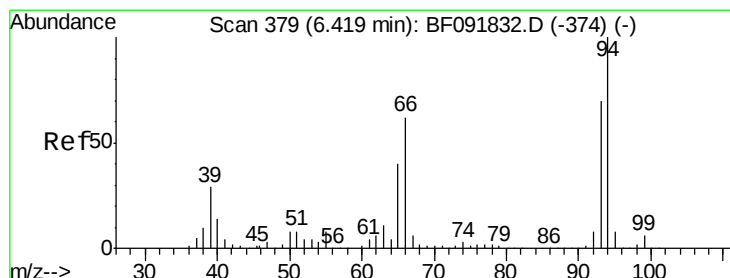
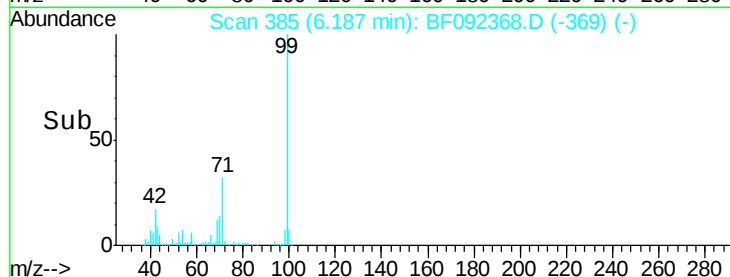
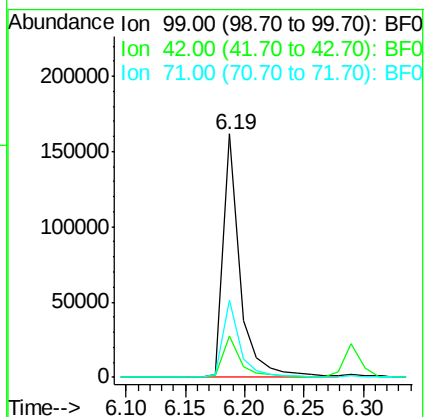
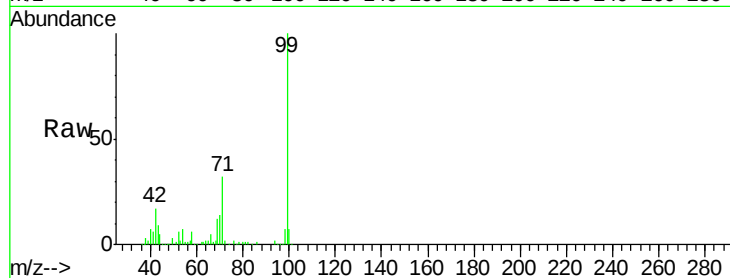
Tgt Ion: 99 Resp: 158950

Ion Ratio Lower Upper

99 100

42 16.8 15.6 23.4

71 31.6 27.5 41.3



#10

Phenol

Concen: 6.88 ng

RT: 6.20 min Scan# 386

Delta R.T. -0.12 min

Lab File: BF092368.D

Acq: 20 Jan 2017 12:58

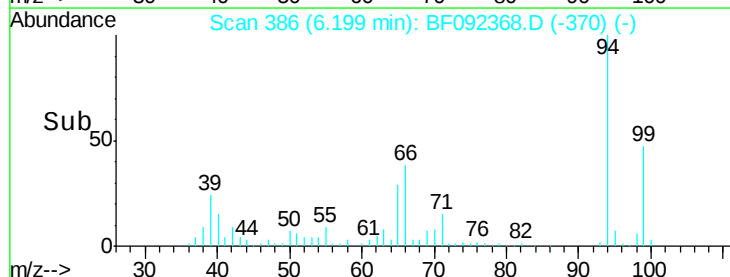
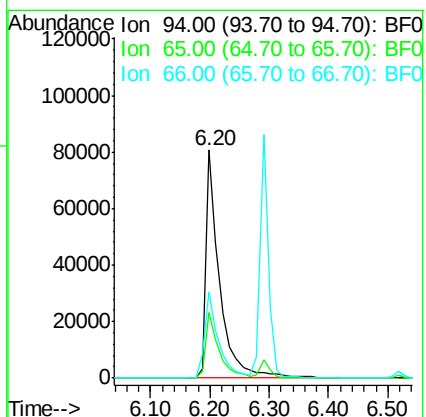
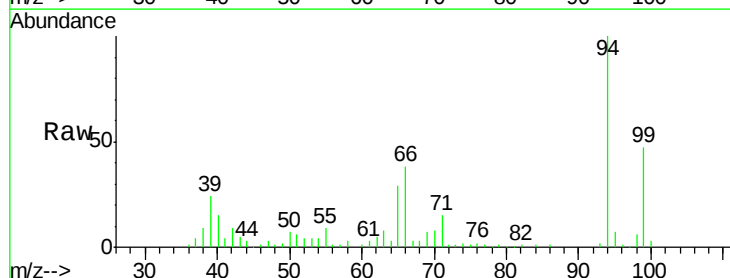
Tgt Ion: 94 Resp: 129976

Ion Ratio Lower Upper

94 100

65 29.1 21.4 61.4

66 37.9 44.0 84.0#

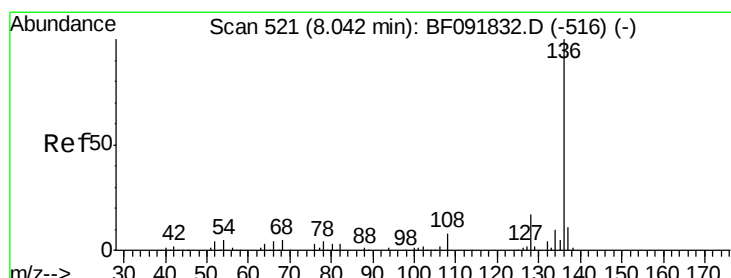
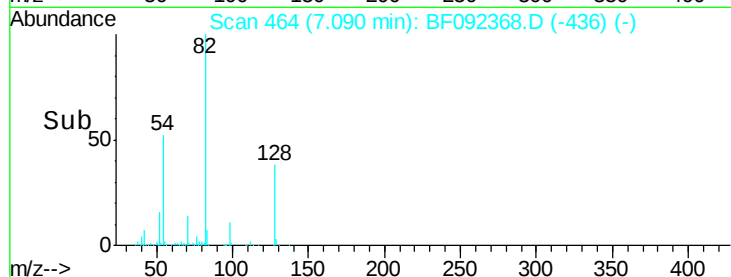
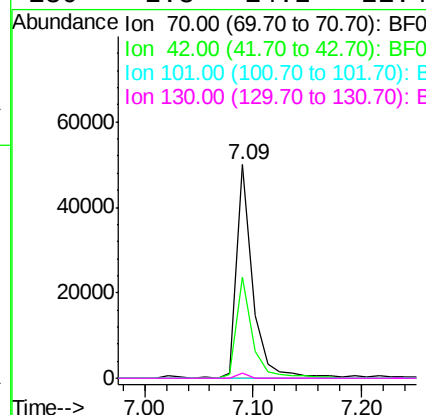
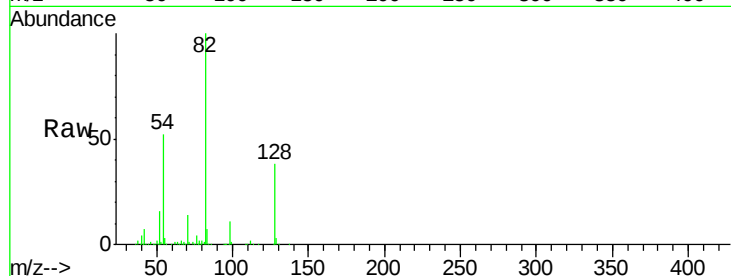




#19
n-Nitroso-di-n-propylamine
Concen: 4.61 ng
RT: 7.09 min Scan# 464
Delta R.T. 0.01 min
Lab File: BF092368.D
Acq: 20 Jan 2017 12:58

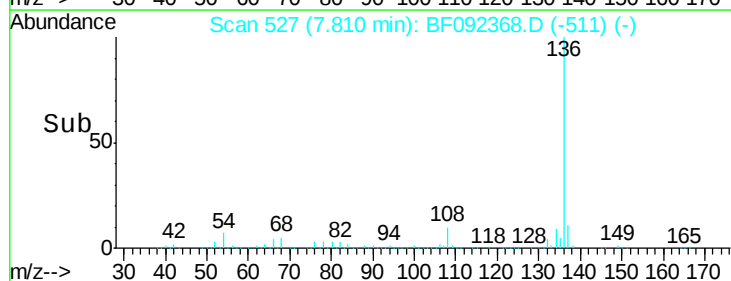
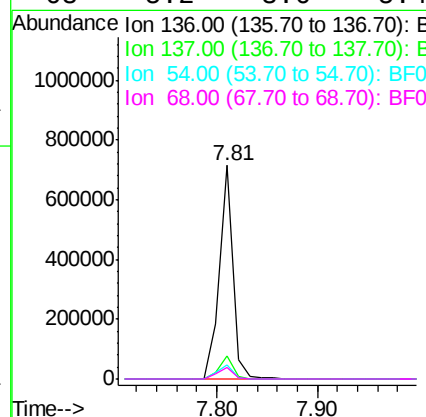
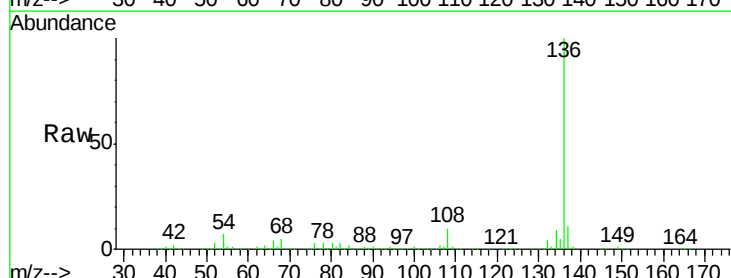
Instrument :
BNA_F
ClientSampleId :
B-3WS

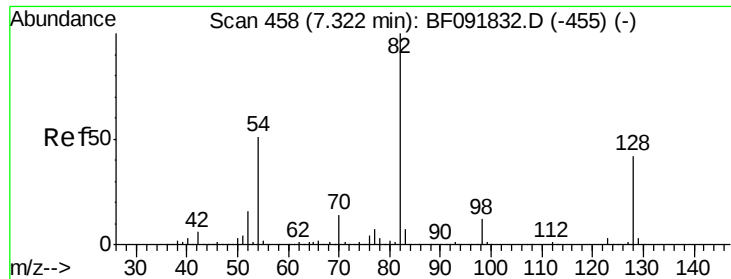
Tgt Ion: 70 Resp: 50780
Ion Ratio Lower Upper
70 100
42 47.2 49.4 74.0#
101 0.0 7.4 11.2#
130 2.3 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 527
Delta R.T. -0.12 min
Lab File: BF092368.D
Acq: 20 Jan 2017 12:58

Tgt Ion: 136 Resp: 676703
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 6.6 4.5 6.7
68 5.2 3.6 5.4

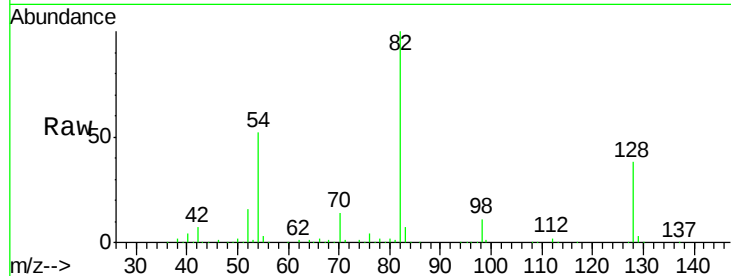




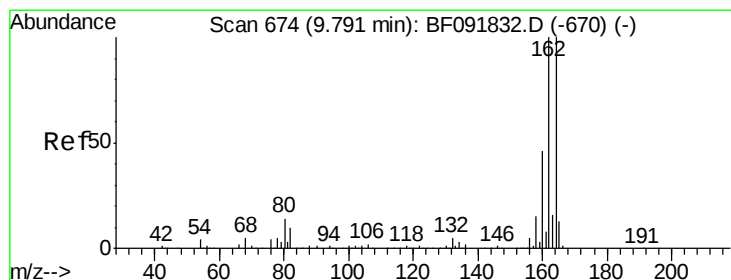
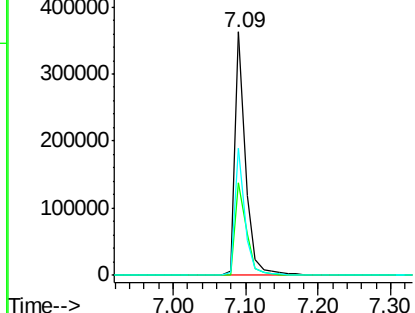
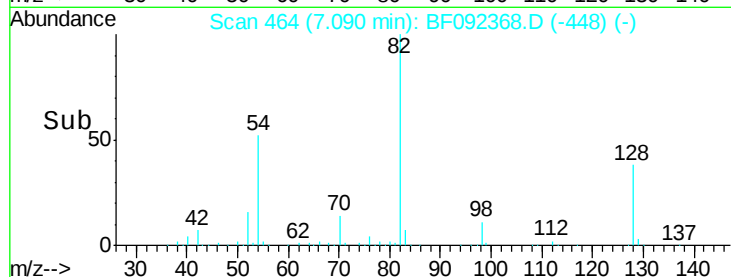
#23
Nitrobenzene-d5
Concen: 30.35 ng
RT: 7.09 min Scan# 464
Delta R.T. -0.12 min
Lab File: BF092368.D
Acq: 20 Jan 2017 12:58

Instrument :
BNA_F
ClientSampleId :
B-3WS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.0	34.6	52.0
54	52.0	39.5	59.3

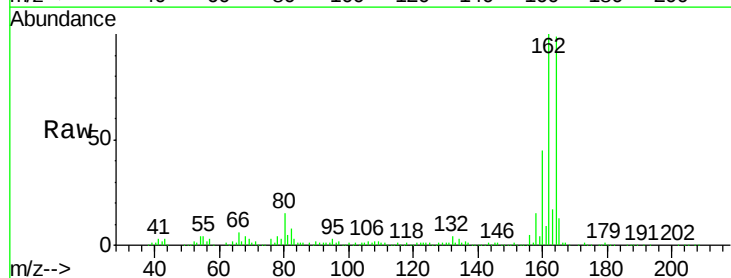


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

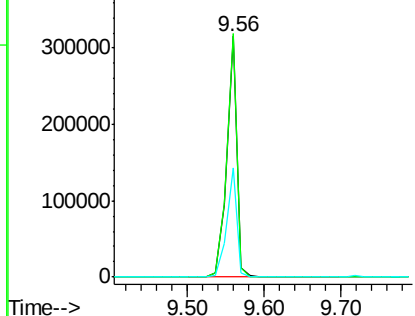
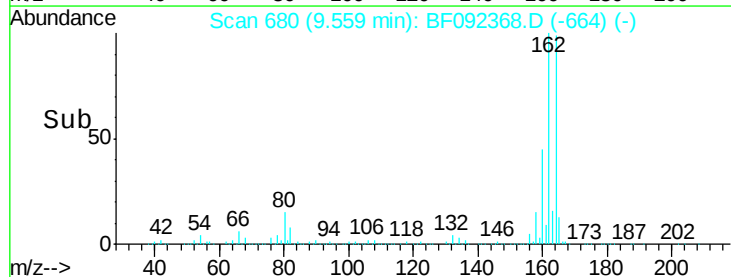


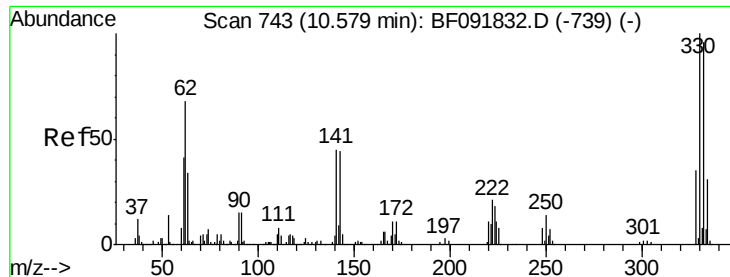
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 680
Delta R.T. -0.12 min
Lab File: BF092368.D
Acq: 20 Jan 2017 12:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.2	120.2
160	45.4	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

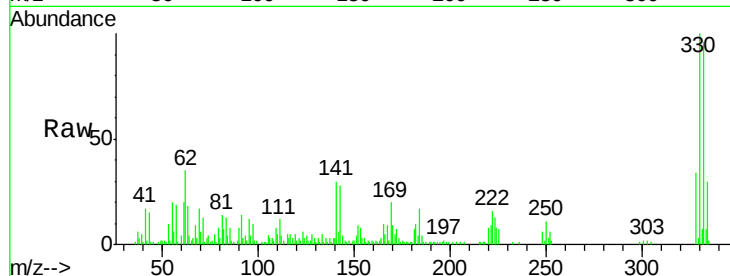




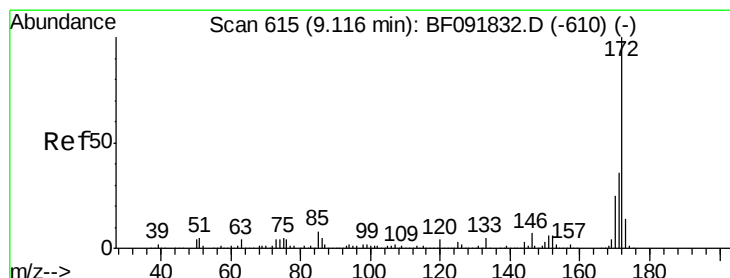
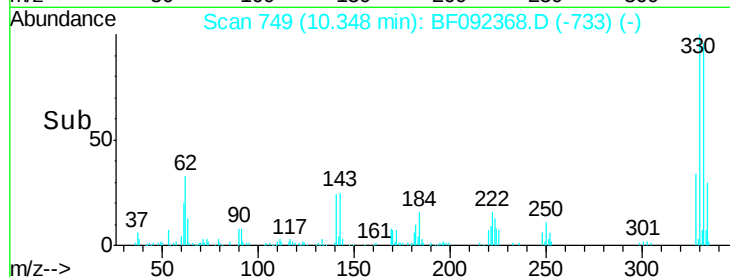
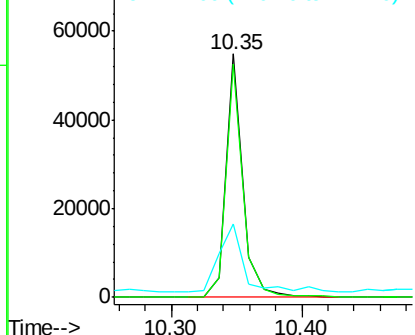
#41
 2,4,6-Tribromophenol
 Concen: 19.93 ng
 RT: 10.35 min Scan# 749
 Delta R.T. -0.12 min
 Lab File: BF092368.D
 Acq: 20 Jan 2017 12:58

Instrument :
 BNA_F
 ClientSampleId :
 B-3WS

Tgt Ion:330 Resp: 49390
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 43.1 34.1 51.1

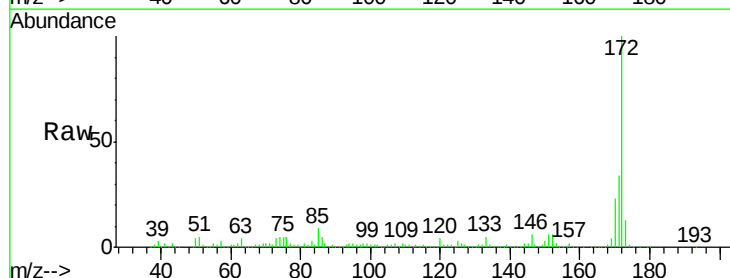


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

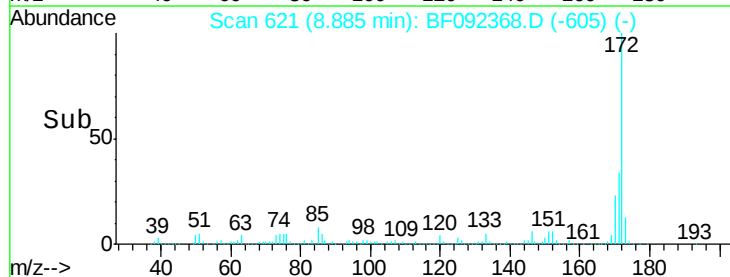
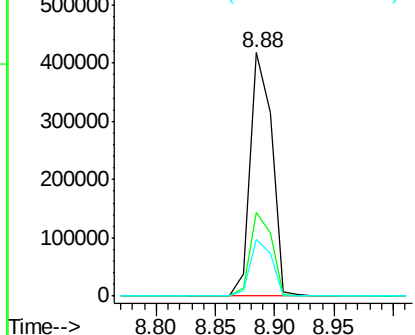


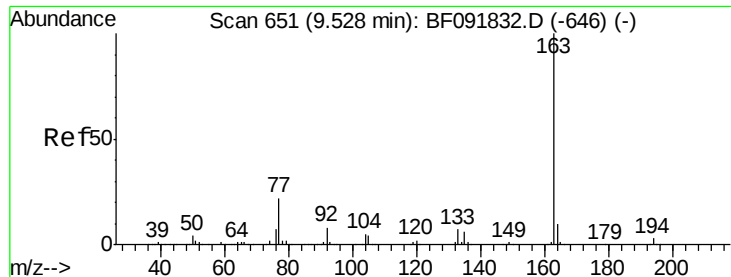
#44
 2-Fluorobiphenyl
 Concen: 28.20 ng
 RT: 8.88 min Scan# 621
 Delta R.T. -0.12 min
 Lab File: BF092368.D
 Acq: 20 Jan 2017 12:58

Tgt Ion:172 Resp: 538192
 Ion Ratio Lower Upper
 172 100
 171 34.3 29.4 44.0
 170 23.2 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

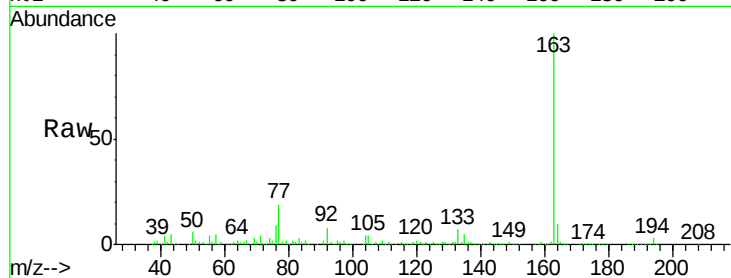




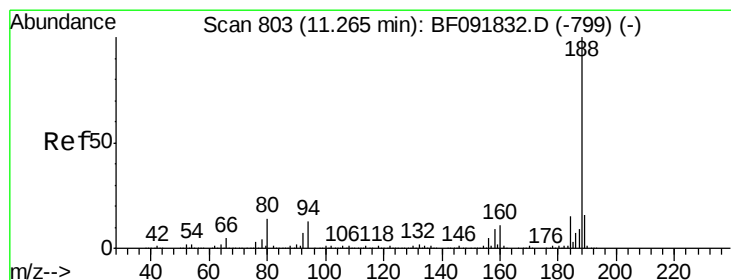
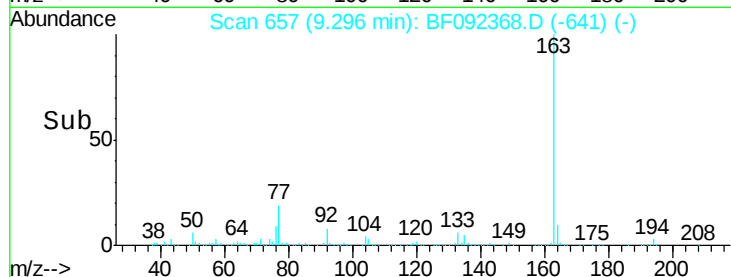
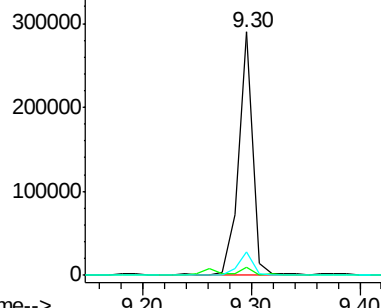
#49
Dimethylphthalate
Concen: 13.58 ng
RT: 9.30 min Scan# 657
Delta R.T. -0.12 min
Lab File: BF092368.D
Acq: 20 Jan 2017 12:58

Instrument :
BNA_F
ClientSampleId :
B-3WS

Tgt Ion:163 Resp: 260201
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 9.6 8.0 12.0

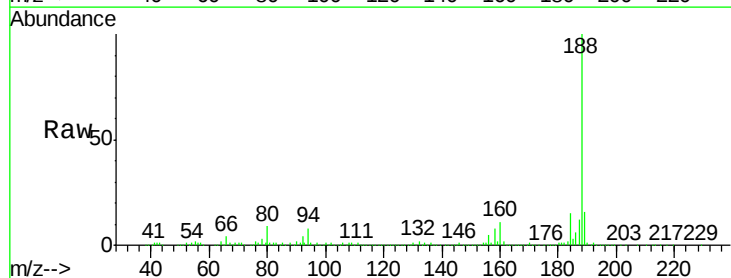


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

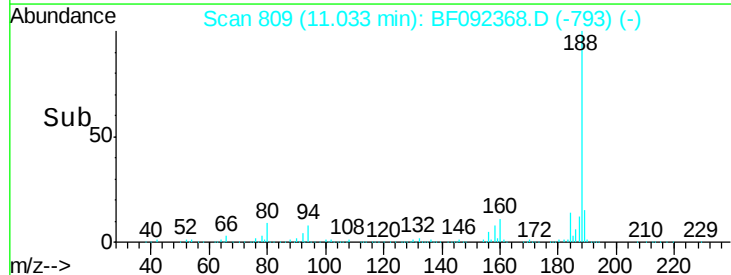
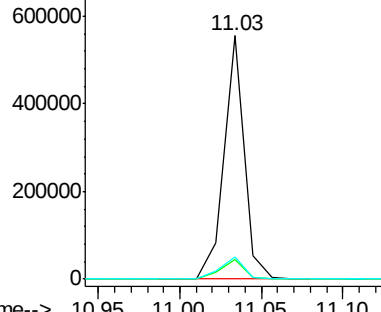


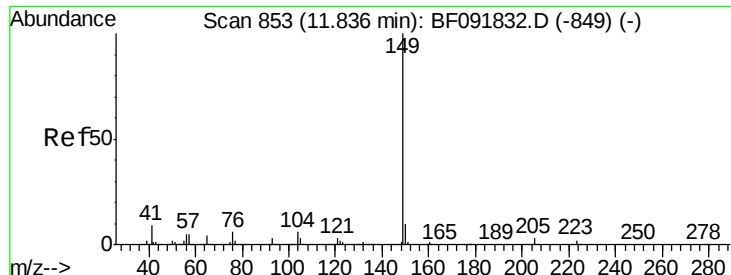
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 809
Delta R.T. -0.12 min
Lab File: BF092368.D
Acq: 20 Jan 2017 12:58

Tgt Ion:188 Resp: 479569
Ion Ratio Lower Upper
188 100
94 8.1 10.0 15.0#
80 9.1 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





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.62 min Scan# 860

Delta R.T. -0.11 min

Lab File: BF092368.D

Acq: 20 Jan 2017 12:58

Instrument :

BNA_F

ClientSampleId :

B-3WS

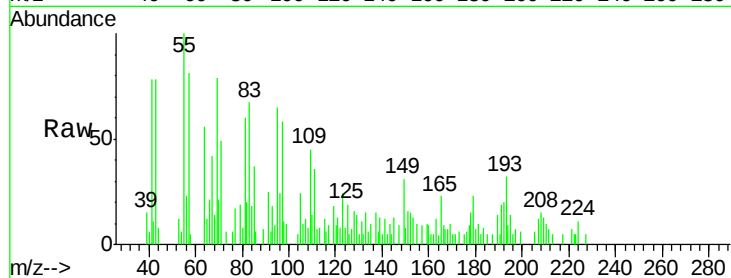
Tgt Ion:149 Resp: 2232

Ion Ratio Lower Upper

149 100

150 26.2 8.1 12.1#

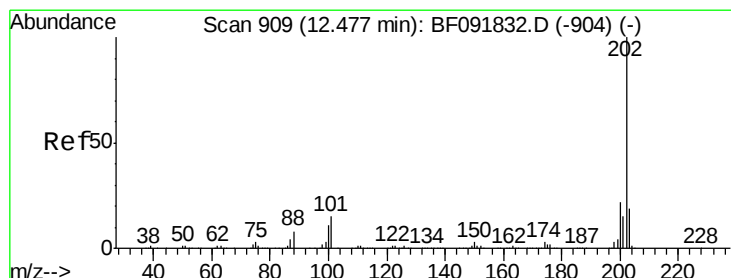
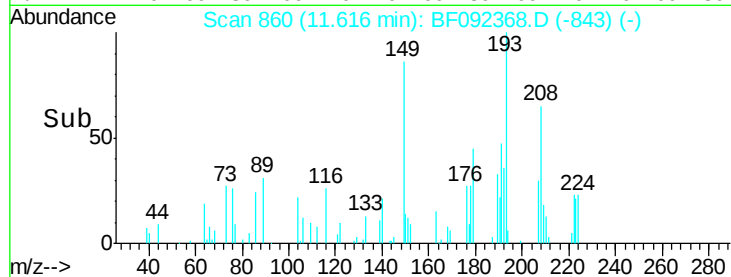
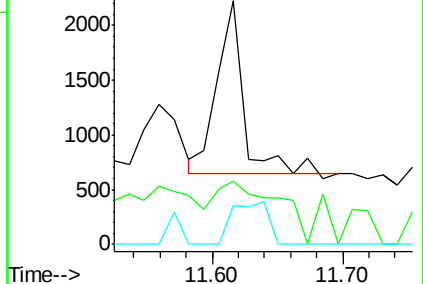
104 16.2 4.6 7.0#



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: 12.24 min Scan# 915

Delta R.T. -0.12 min

Lab File: BF092368.D

Acq: 20 Jan 2017 12:58

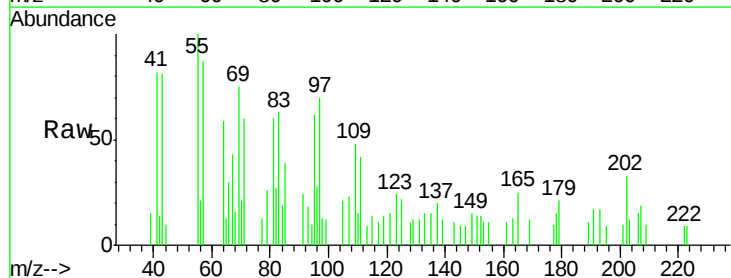
Tgt Ion:202 Resp: 1253

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

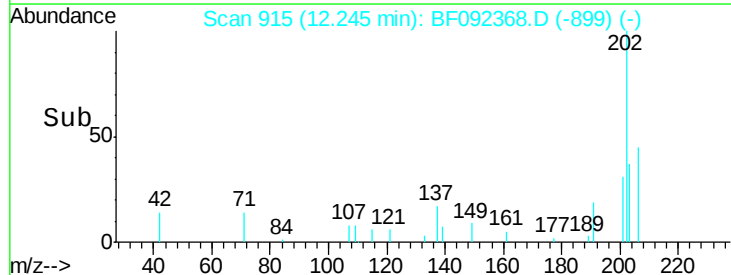
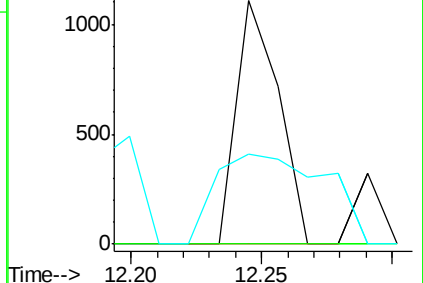
203 37.0 0.0 38.7

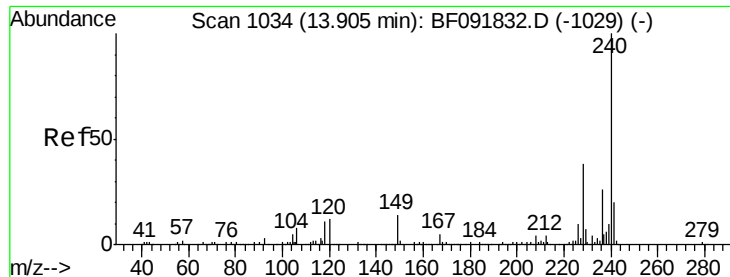


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.66 min Scan# 1039

Delta R.T. -0.12 min

Lab File: BF092368.D

Acq: 20 Jan 2017 12:58

Instrument :

BNA_F

ClientSampleId :

B-3WS

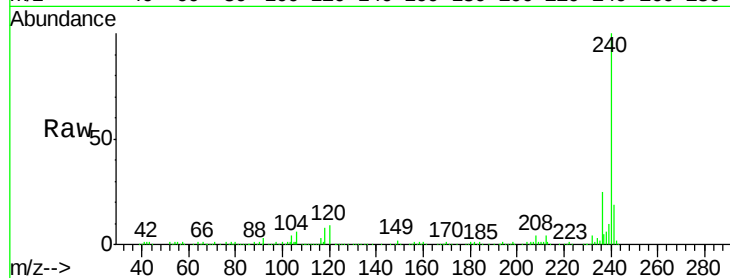
Tgt Ion:240 Resp: 365960

Ion Ratio Lower Upper

240 100

120 8.8 12.9 19.3#

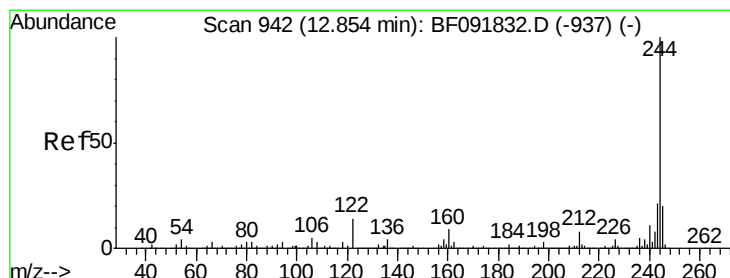
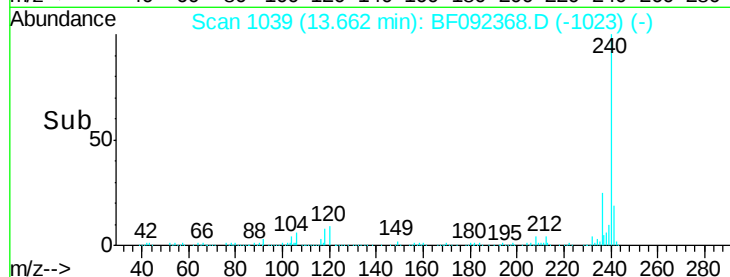
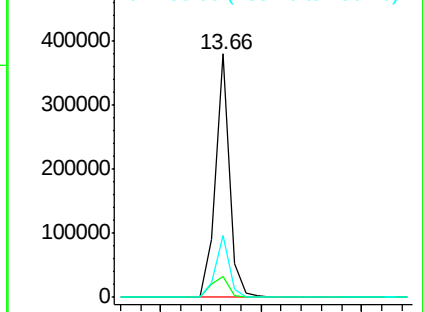
236 25.5 20.9 31.3



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: 25.57 ng

RT: 12.61 min Scan# 947

Delta R.T. -0.13 min

Lab File: BF092368.D

Acq: 20 Jan 2017 12:58

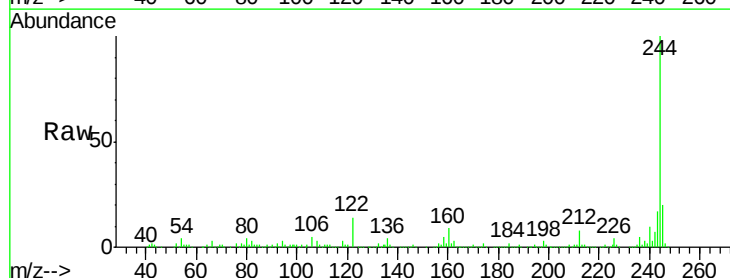
Tgt Ion:244 Resp: 385890

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

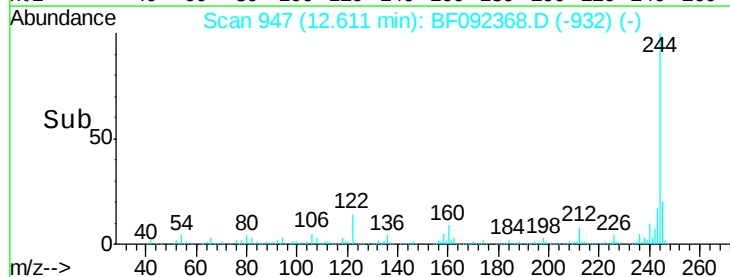
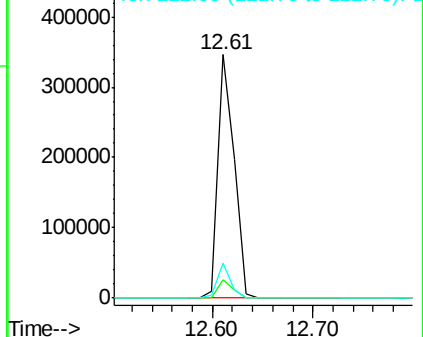
122 14.2 11.4 17.2

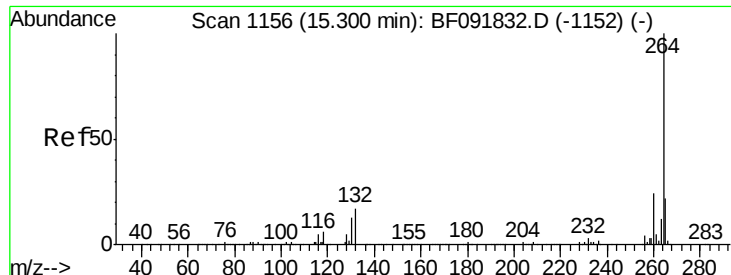


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

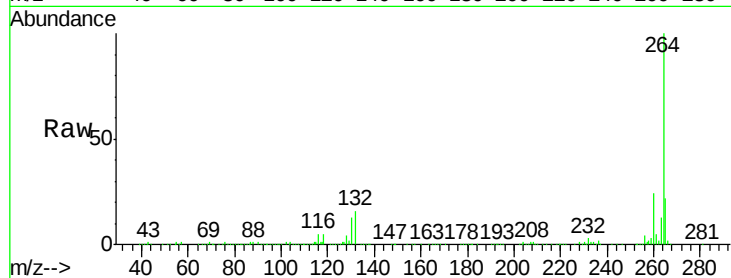




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.01 min Scan# 1157
Delta R.T. -0.13 min
Lab File: BF092368.D
Acq: 20 Jan 2017 12:58

Instrument :
BNA_F
ClientSampleId :
B-3WS

Tgt Ion: 264 Resp: 421080
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.7 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

