

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060719\
 Data File : BF114893.D
 Acq On : 7 Jun 2019 12:28
 Operator : HP/JU
 Sample : K3182-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Quant Time: Jun 08 05:14:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

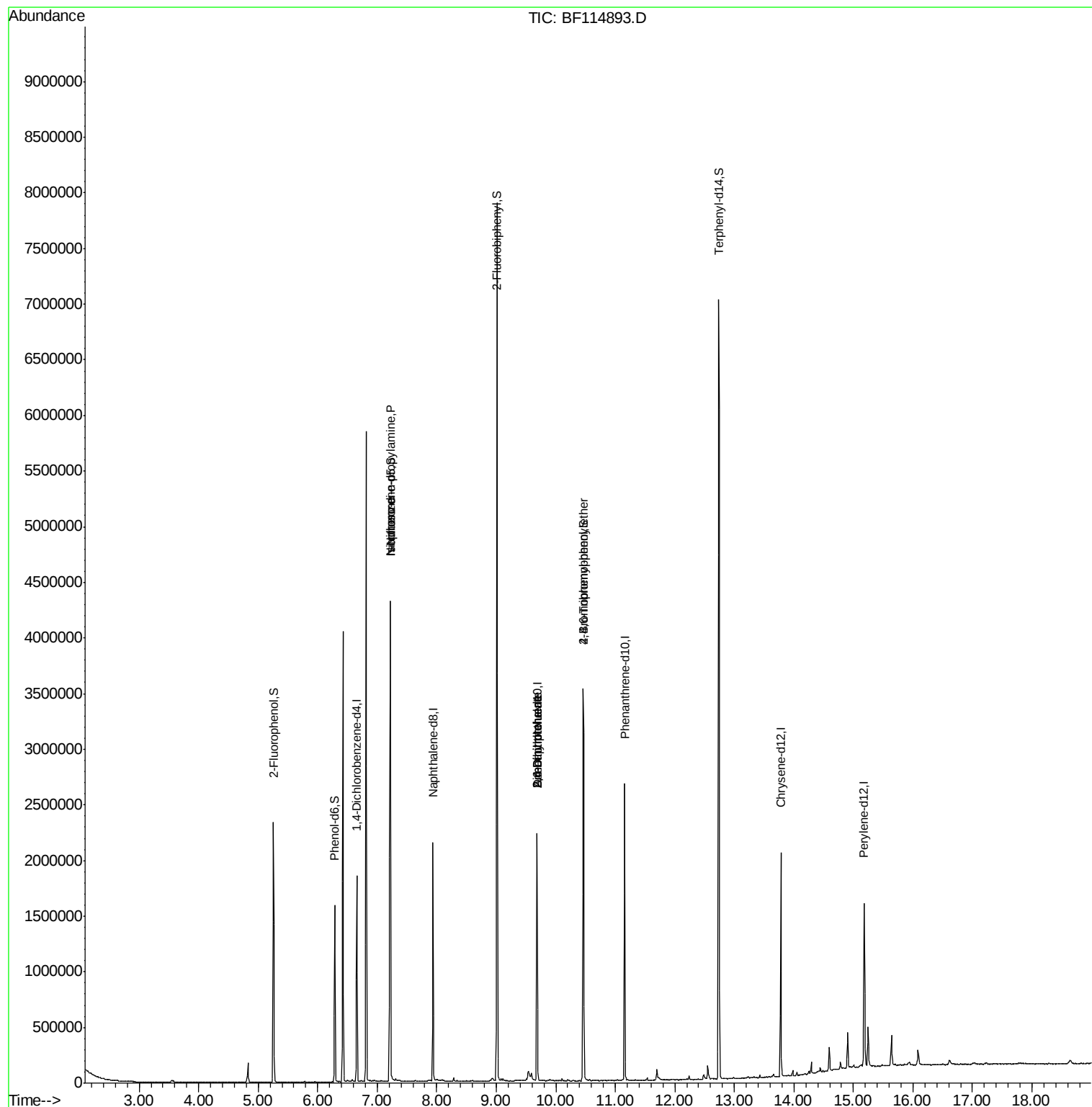
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	251558	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	938017	20.00	ng	-0.01
39) Acenaphthene-d10	9.69	164	458462	20.00	ng	-0.01
64) Phenanthrene-d10	11.16	188	895557	20.00	ng	-0.01
76) Chrysene-d12	13.78	240	647413	20.00	ng	-0.01
87) Perylene-d12	15.18	264	643623	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	661808	45.97	ng	0.00
7) Phenol-d6	6.29	99	496987	28.37	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1426677	93.63	ng	-0.01
42) 2,4,6-Tribromophenol	10.47	330	456796	92.46	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	2432330	99.38	ng	-0.01
79) Terphenyl-d14	12.74	244	2639080	79.28	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.22	70	190769	16.451	ng	# 76
25) Isophorone	7.22	82	1405316	46.651	ng	# 61
50) Dimethylphthalate	9.69	163	131396	3.924	ng	# 1
51) 2,6-Dinitrotoluene	9.69	165	59300	7.530	ng	# 33
57) 2,4-Dinitrotoluene	9.69	165	59300	5.990	ng	# 32
58) Fluorene	10.23	166	963	Below Cal		# 83
67) 4-Bromophenyl-phenylether	10.47	248	29423	2.893	ng	# 1

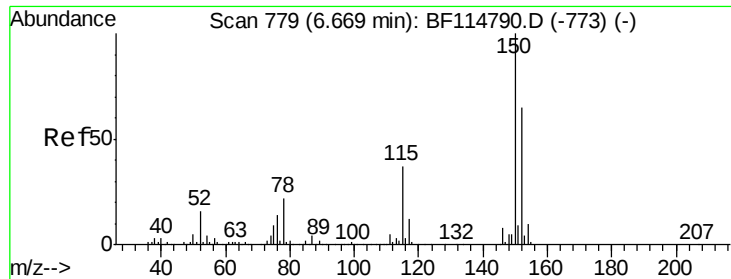
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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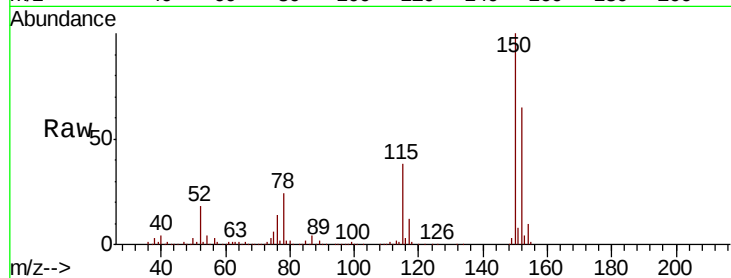


#1

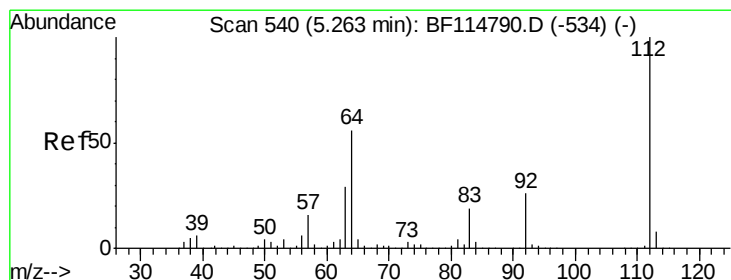
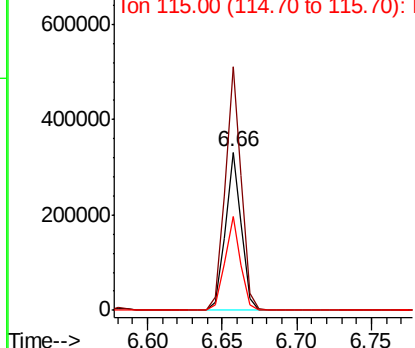
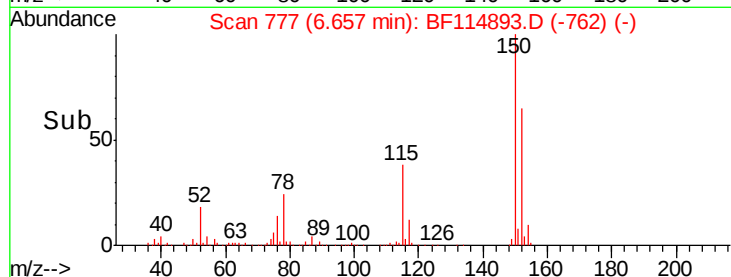
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF114893.D
Acq: 7 Jun 2019 12:28

Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion:152 Resp: 251558
Ion Ratio Lower Upper
152 100
150 154.1 124.0 186.0
115 59.2 46.3 69.5



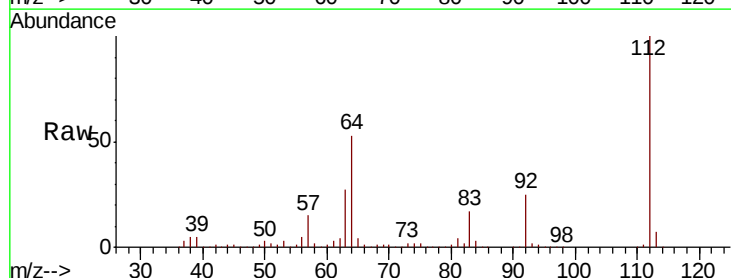
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



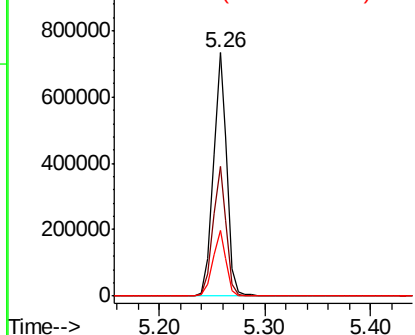
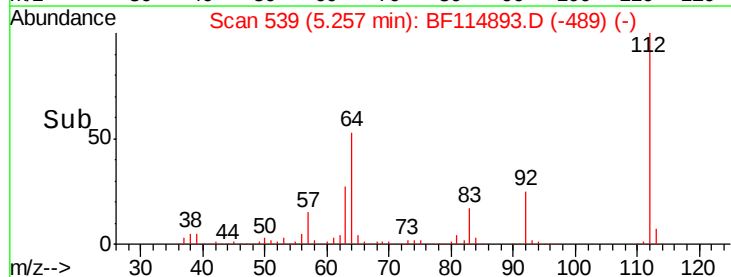
#5

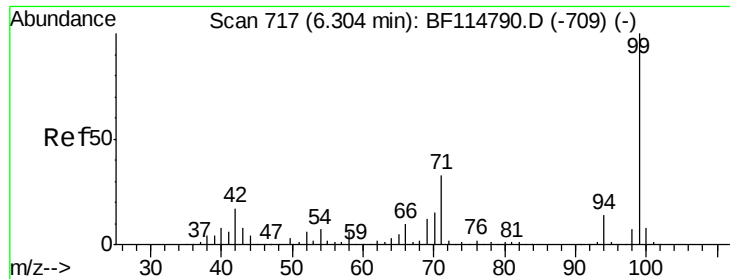
2-Fluorophenol
Concen: 45.970 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF114893.D
Acq: 7 Jun 2019 12:28

Tgt Ion:112 Resp: 661808
Ion Ratio Lower Upper
112 100
64 53.1 44.6 66.8
63 26.9 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 28.371 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF114893.D

Acq: 7 Jun 2019 12:28

Instrument :

BNA_F

ClientSampleId :

MW-10

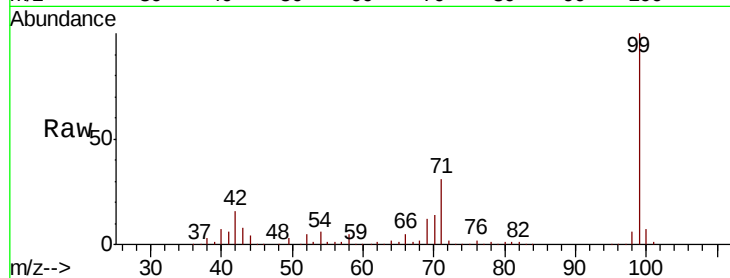
Tgt Ion: 99 Resp: 496987

Ion Ratio Lower Upper

99 100

42 16.1 13.3 19.9

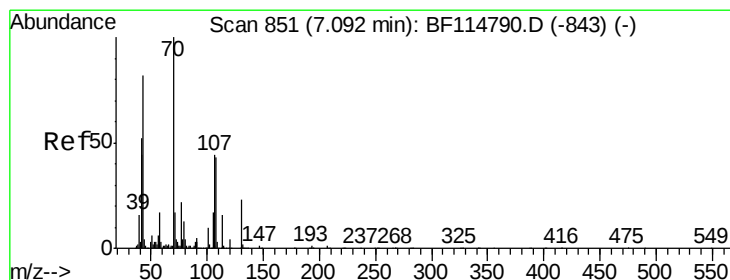
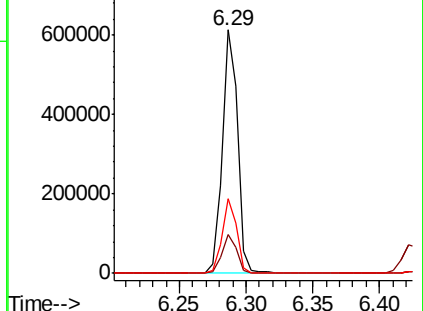
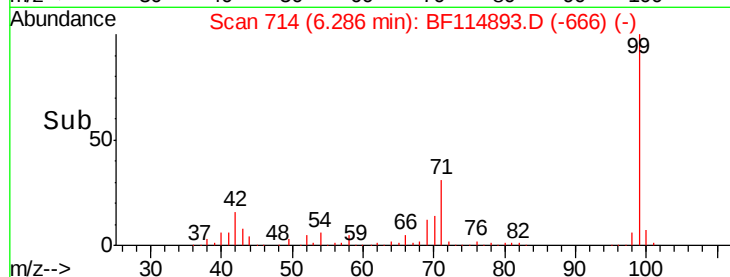
71 30.6 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 16.451 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.13 min

Lab File: BF114893.D

Acq: 7 Jun 2019 12:28

Tgt Ion: 70 Resp: 190769

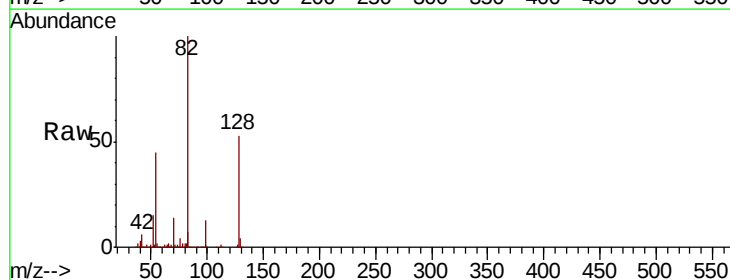
Ion Ratio Lower Upper

70 100

42 41.0 41.8 62.8#

101 0.0 8.2 12.4#

130 2.5 18.5 27.7#

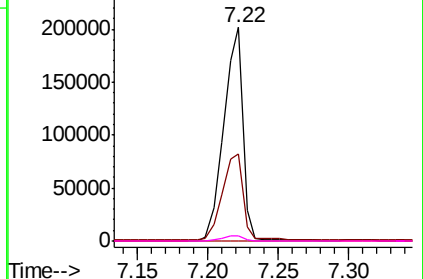
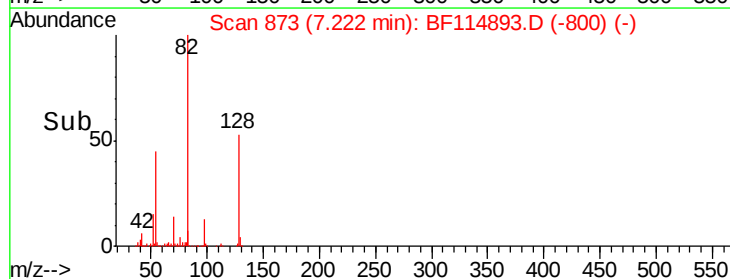


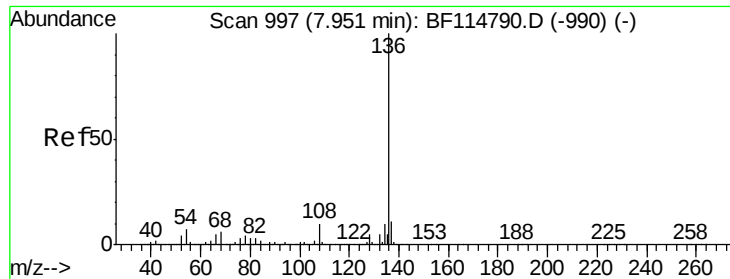
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

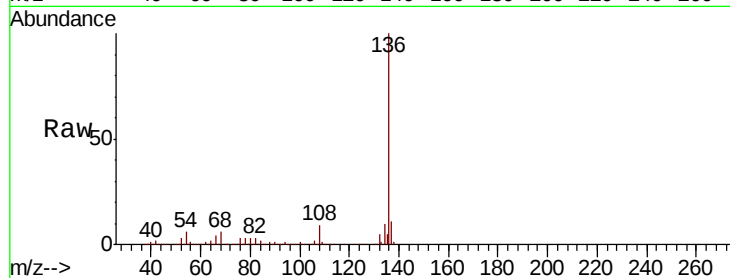




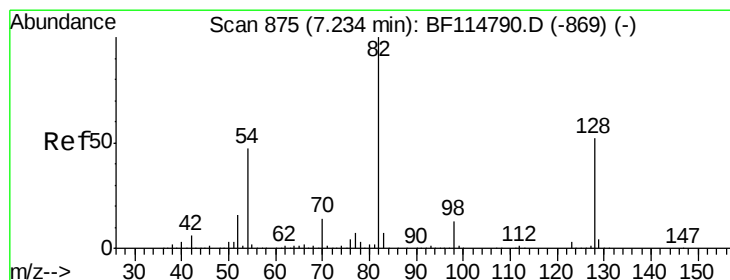
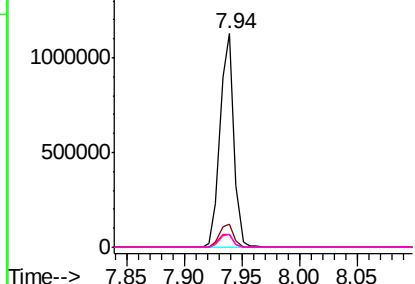
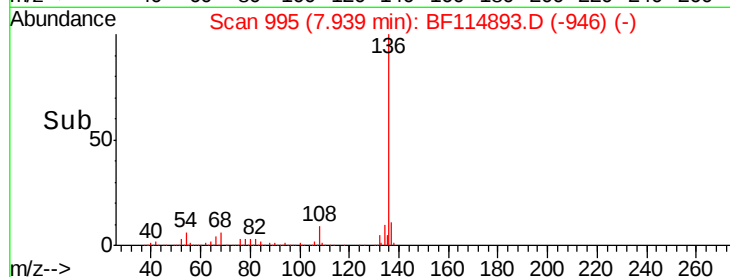
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF114893.D
Acq: 7 Jun 2019 12:28

Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion:	136	Resp:	938017
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.0	5.4	8.0
68	5.7	4.6	6.8

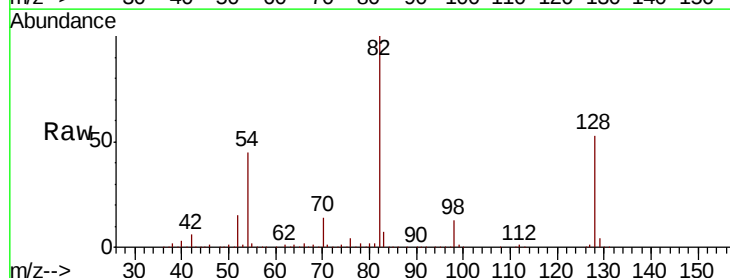


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

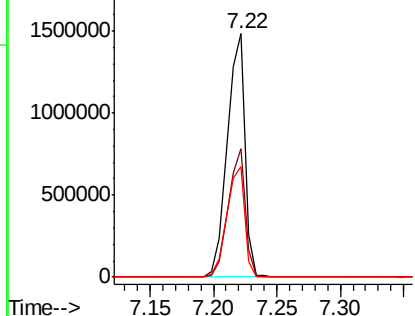
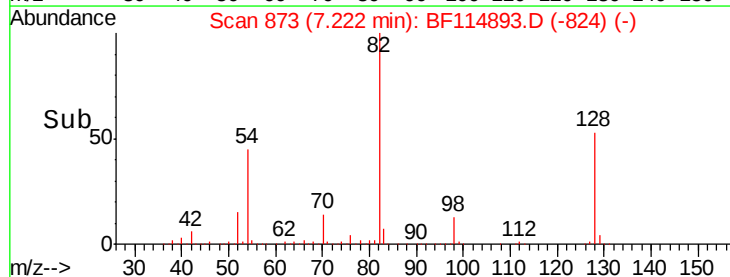


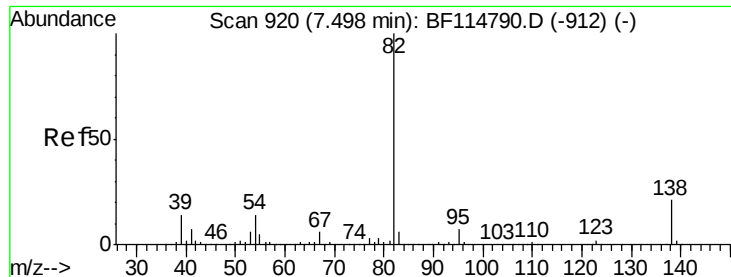
#23
Nitrobenzene-d5
Concen: 93.627 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114893.D
Acq: 7 Jun 2019 12:28

Tgt Ion:	82	Resp:	1426677
Ion	Ratio	Lower	Upper
82	100		
128	52.7	41.8	62.6
54	45.4	37.9	56.9



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

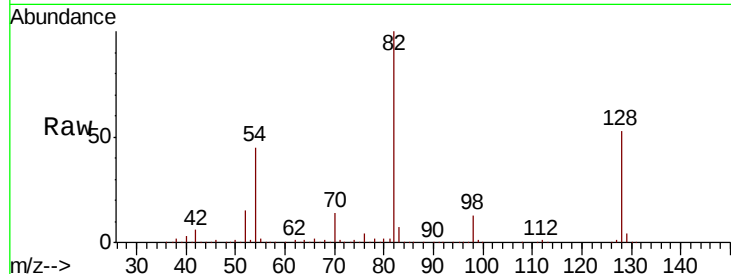




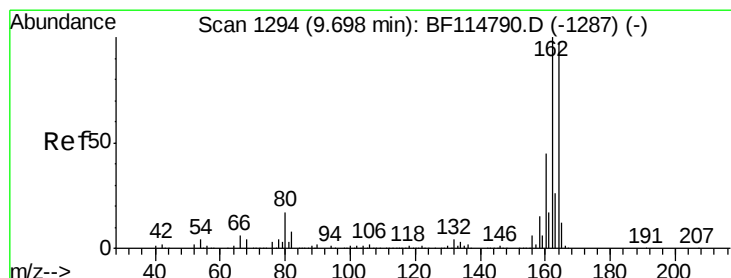
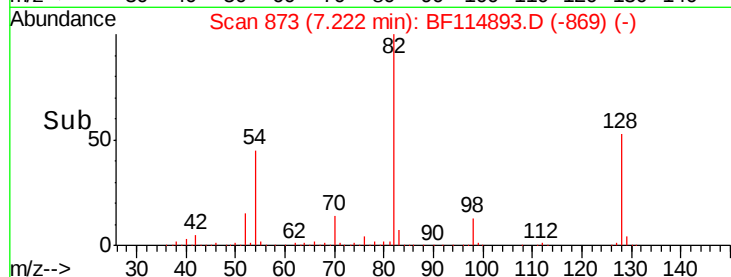
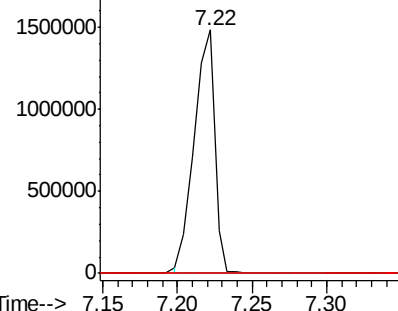
#25
Isophorone
Concen: 46.651 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.28 min
Lab File: BF114893.D
Acq: 7 Jun 2019 12:28

Instrument :
BNA_F
ClientSampled :
MW-10

Tgt Ion: 82 Resp: 1405316
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.9 25.3#

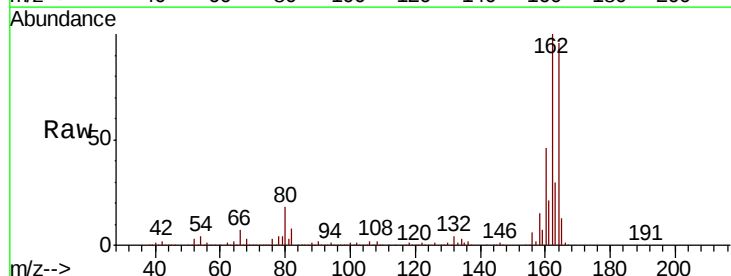


Abundance Ion 82.00 (81.70 to 82.70): BF1
2000000 Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

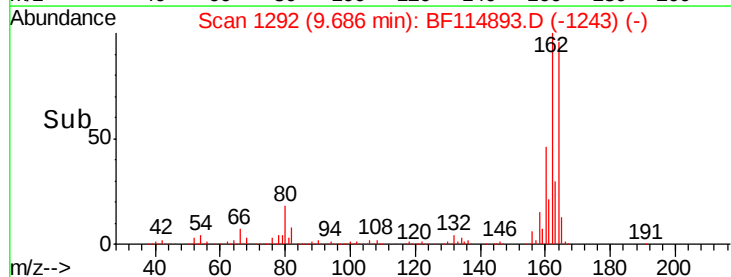
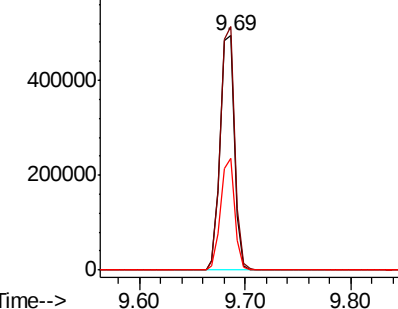


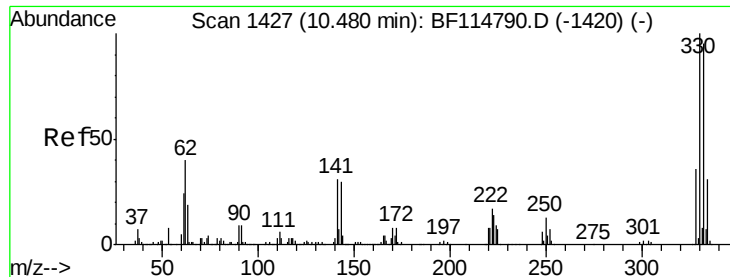
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF114893.D
Acq: 7 Jun 2019 12:28

Tgt Ion: 164 Resp: 458462
Ion Ratio Lower Upper
164 100
162 103.9 82.3 123.5
160 47.5 36.7 55.1



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





#42

2,4,6-Tribromophenol

Concen: 92.457 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF114893.D

Acq: 7 Jun 2019 12:28

Instrument :

BNA_F

ClientSampleId :

MW-10

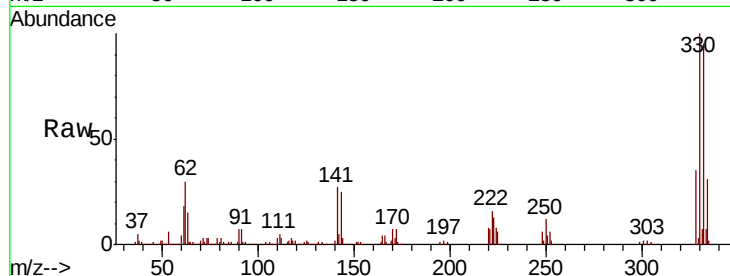
Tgt Ion:330 Resp: 456796

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

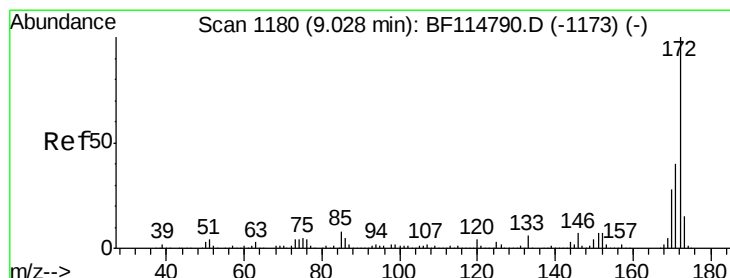
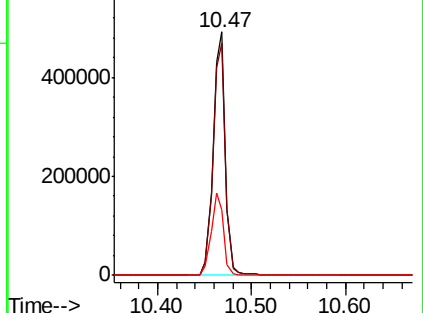
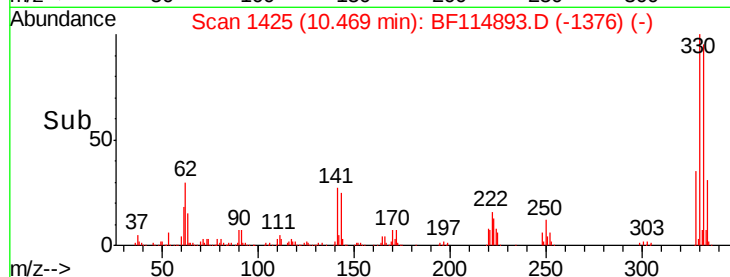
141 34.0 26.2 39.4



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



#45

2-Fluorobiphenyl

Concen: 99.385 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF114893.D

Acq: 7 Jun 2019 12:28

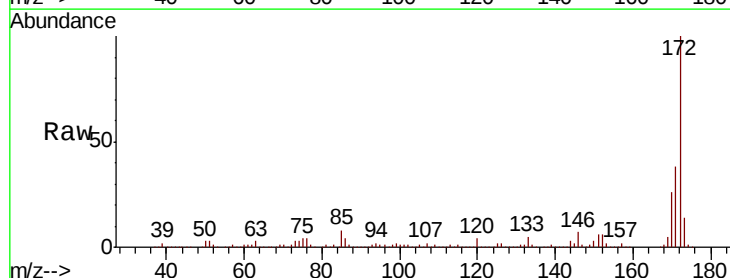
Tgt Ion:172 Resp: 2432330

Ion Ratio Lower Upper

172 100

171 38.2 32.3 48.5

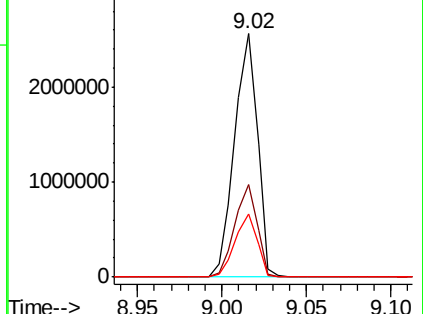
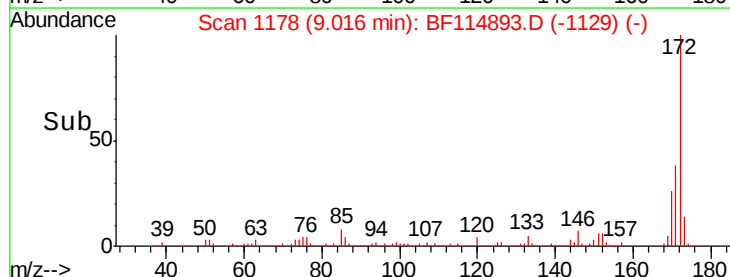
170 26.2 22.4 33.6

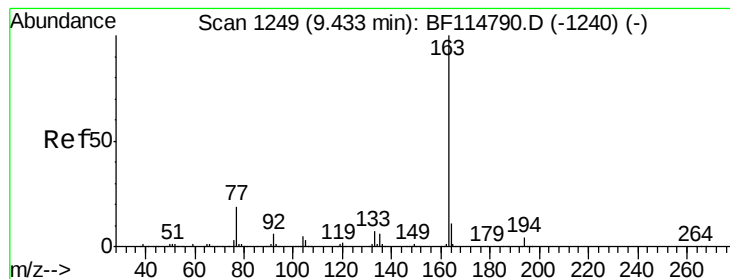


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.924 ng

RT: 9.69 min Scan# 1292

Delta R.T. 0.25 min

Lab File: BF114893.D

Acq: 7 Jun 2019 12:28

Instrument :

BNA_F

ClientSampleId :

MW-10

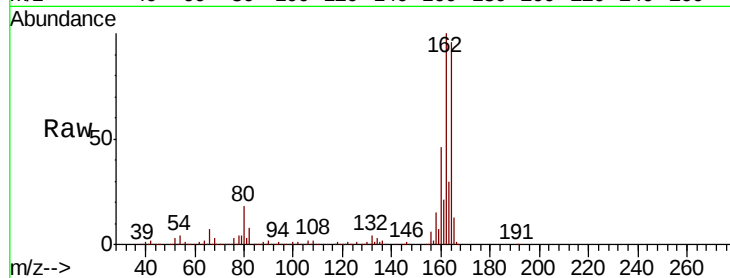
Tgt Ion:163 Resp: 131396

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

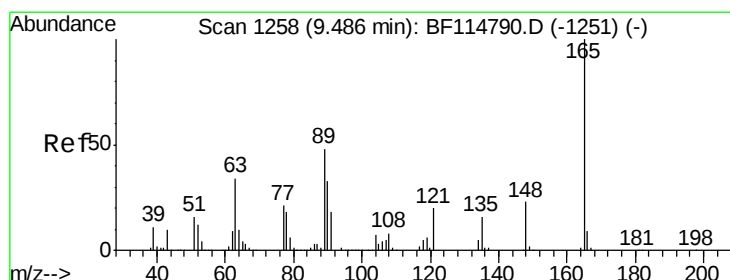
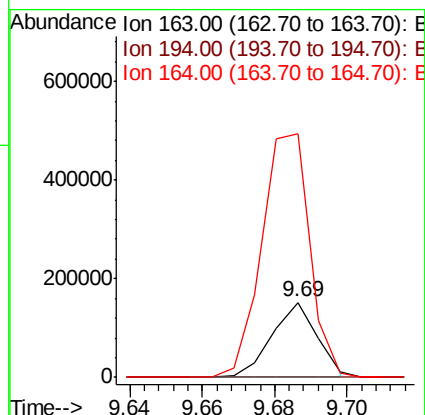
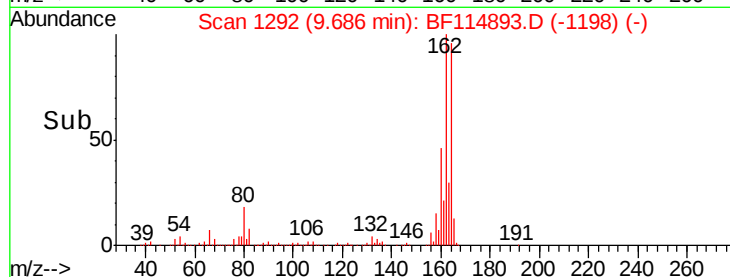
164 323.6 8.6 13.0#



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



#51

2,6-Dinitrotoluene

Concen: 7.530 ng

RT: 9.69 min Scan# 1292

Delta R.T. 0.20 min

Lab File: BF114893.D

Acq: 7 Jun 2019 12:28

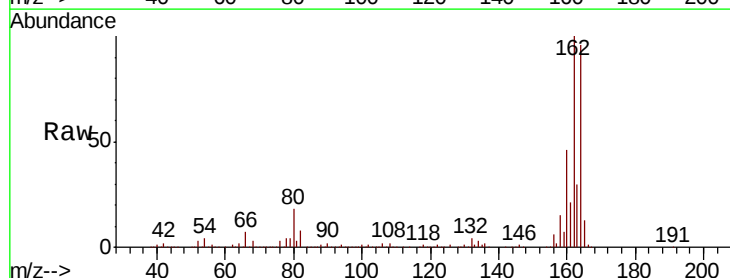
Tgt Ion:165 Resp: 59300

Ion Ratio Lower Upper

165 100

63 1.2 35.1 52.7#

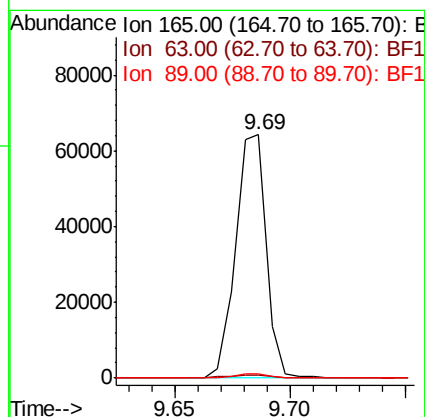
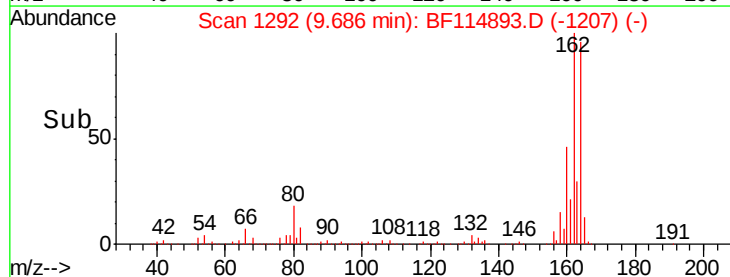
89 1.5 38.2 57.2#

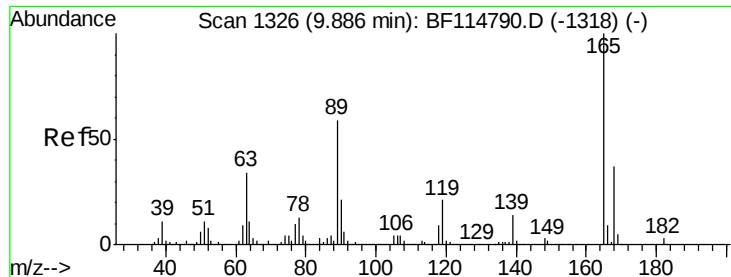


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

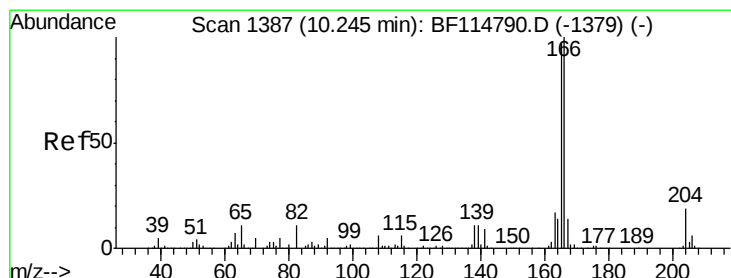
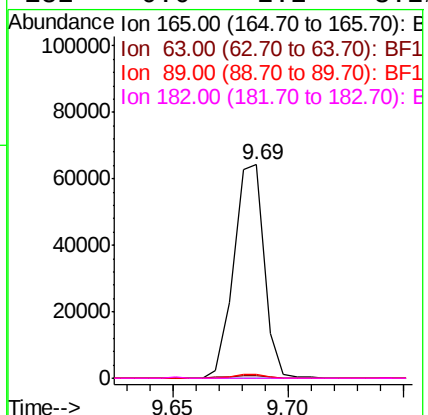
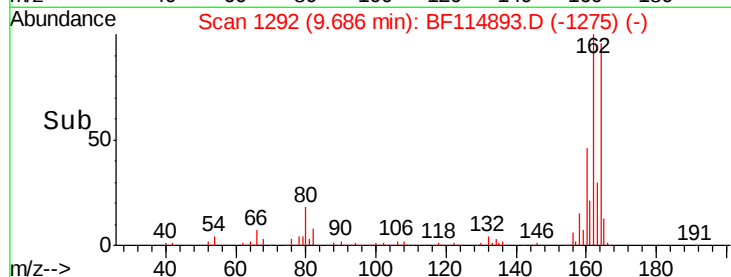
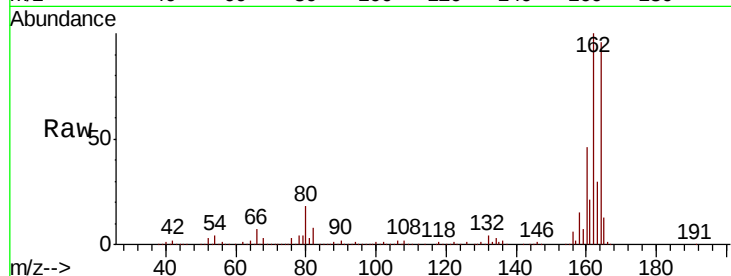




#57
 2,4-Dinitrotoluene
 Concen: 5.990 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.20 min
 Lab File: BF114893.D
 Acq: 7 Jun 2019 12:28

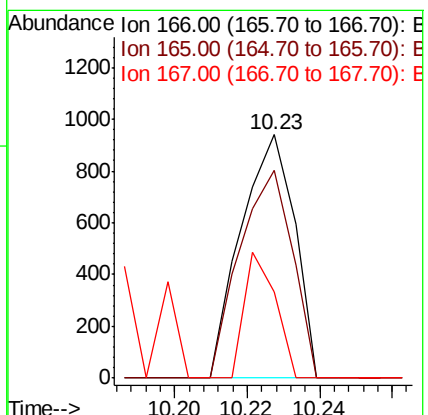
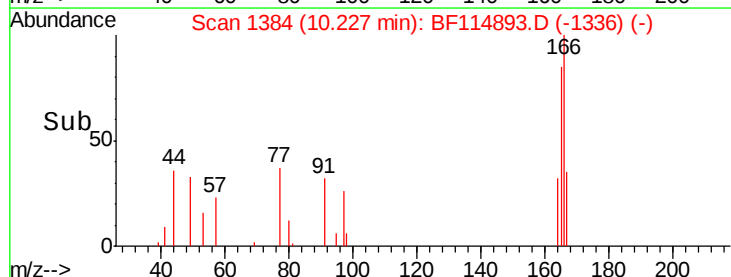
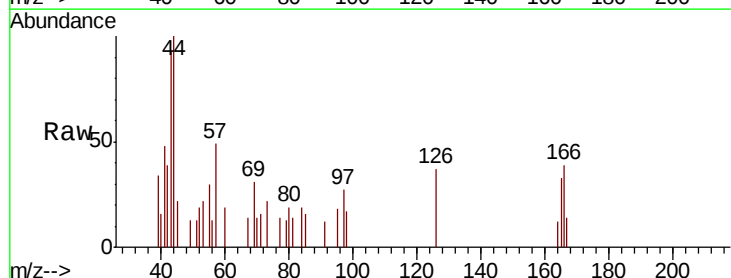
Instrument :
 BNA_F
 ClientSampleId :
 MW-10

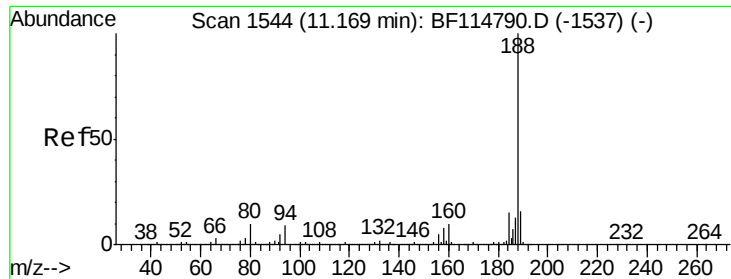
Tgt Ion:	165	Resp:	59300
Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.0	40.4#
89	1.5	47.0	70.6#
182	0.0	2.2	3.2#



#58
 Fluorene
 Concen: Below Cal
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.02 min
 Lab File: BF114893.D
 Acq: 7 Jun 2019 12:28

Tgt Ion:	166	Resp:	963
Ion	Ratio	Lower	Upper
166	100		
165	85.1	77.9	116.9
167	35.2	11.3	16.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.16 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BF114893.D

Acq: 7 Jun 2019 12:28

Instrument :

BNA_F

ClientSampled :

MW-10

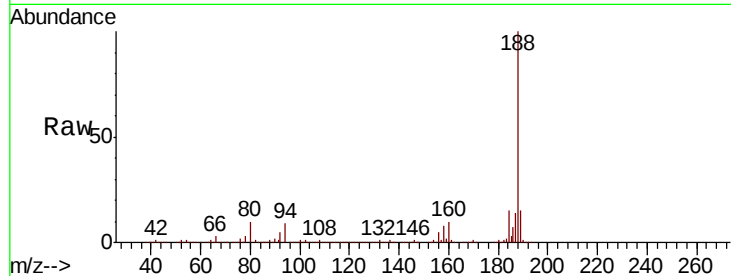
Tgt Ion:188 Resp: 895557

Ion Ratio Lower Upper

188 100

94 9.5 7.6 11.4

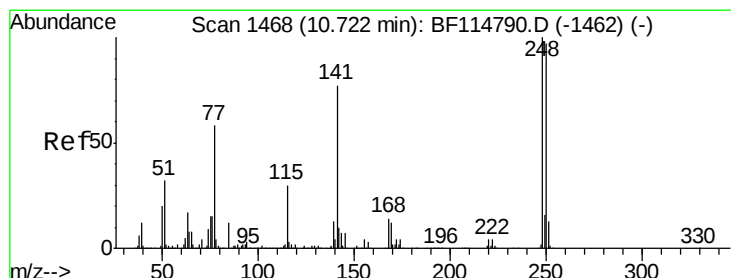
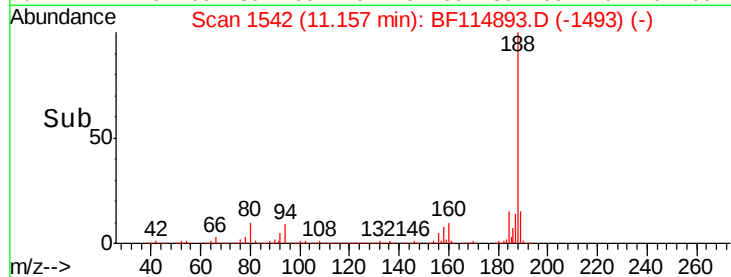
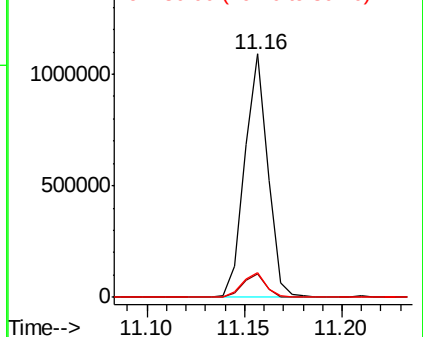
80 10.1 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#67

4-Bromophenyl-phenylether

Concen: 2.893 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.25 min

Lab File: BF114893.D

Acq: 7 Jun 2019 12:28

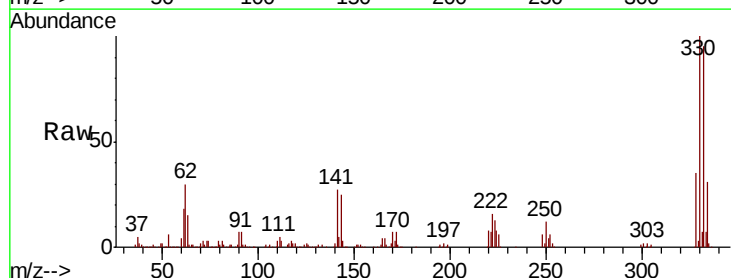
Tgt Ion:248 Resp: 29423

Ion Ratio Lower Upper

248 100

250 195.2 77.5 116.3#

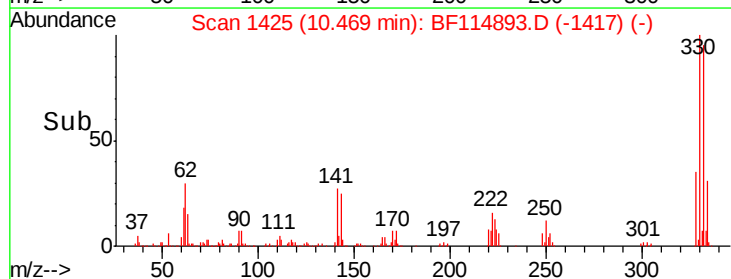
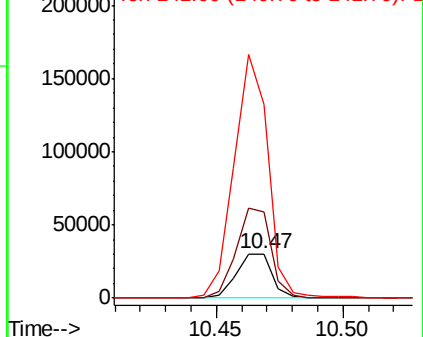
141 439.8 61.8 92.8#

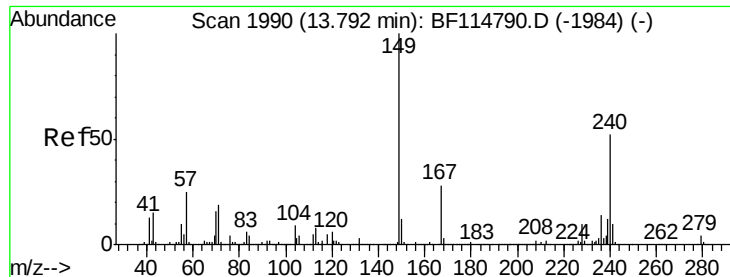


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF114893.D

Acq: 7 Jun 2019 12:28

Instrument :

BNA_F

ClientSampleId :

MW-10

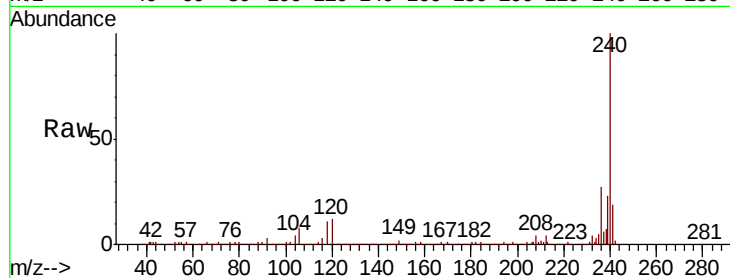
Tgt Ion:240 Resp: 647413

Ion Ratio Lower Upper

240 100

120 11.6 9.0 13.4

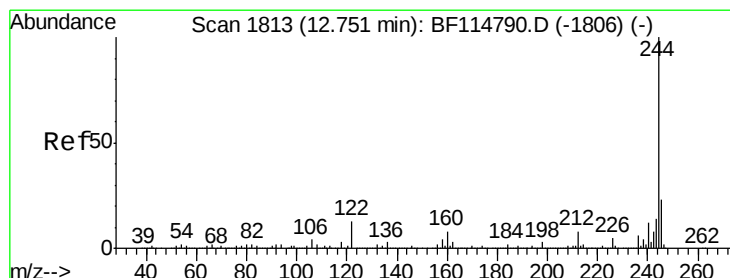
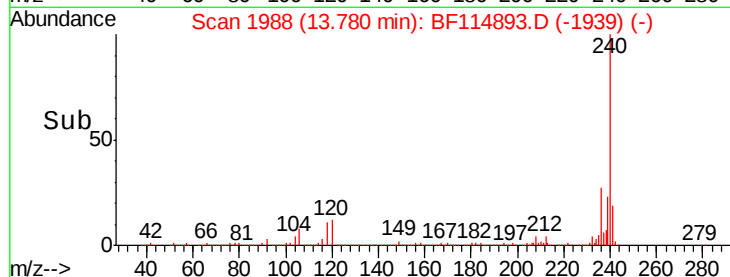
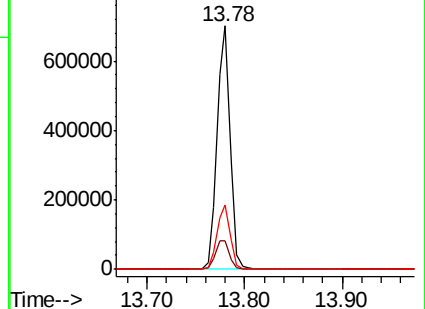
236 26.7 21.4 32.0



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



#79

Terphenyl-d14

Concen: 79.275 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF114893.D

Acq: 7 Jun 2019 12:28

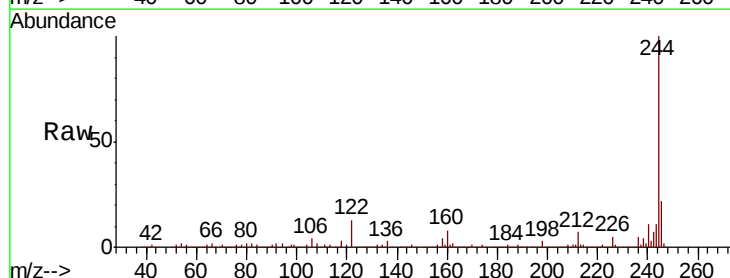
Tgt Ion:244 Resp: 2639080

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

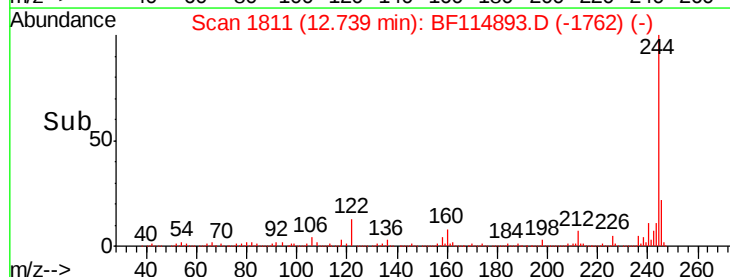
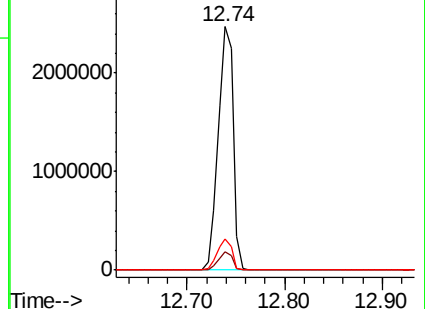
122 13.0 10.5 15.7

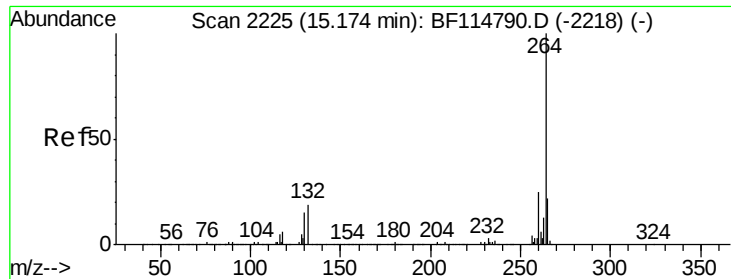


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF114893.D
Acq: 7 Jun 2019 12:28

Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion: 264 Resp: 643623
Ion Ratio Lower Upper
264 100
260 23.6 20.1 30.1
265 21.6 17.7 26.5

