

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060719\
 Data File : BF114906.D
 Acq On : 7 Jun 2019 22:46
 Operator : HP/JU
 Sample : K3214-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2A

Quant Time: Jun 08 05:18:18 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

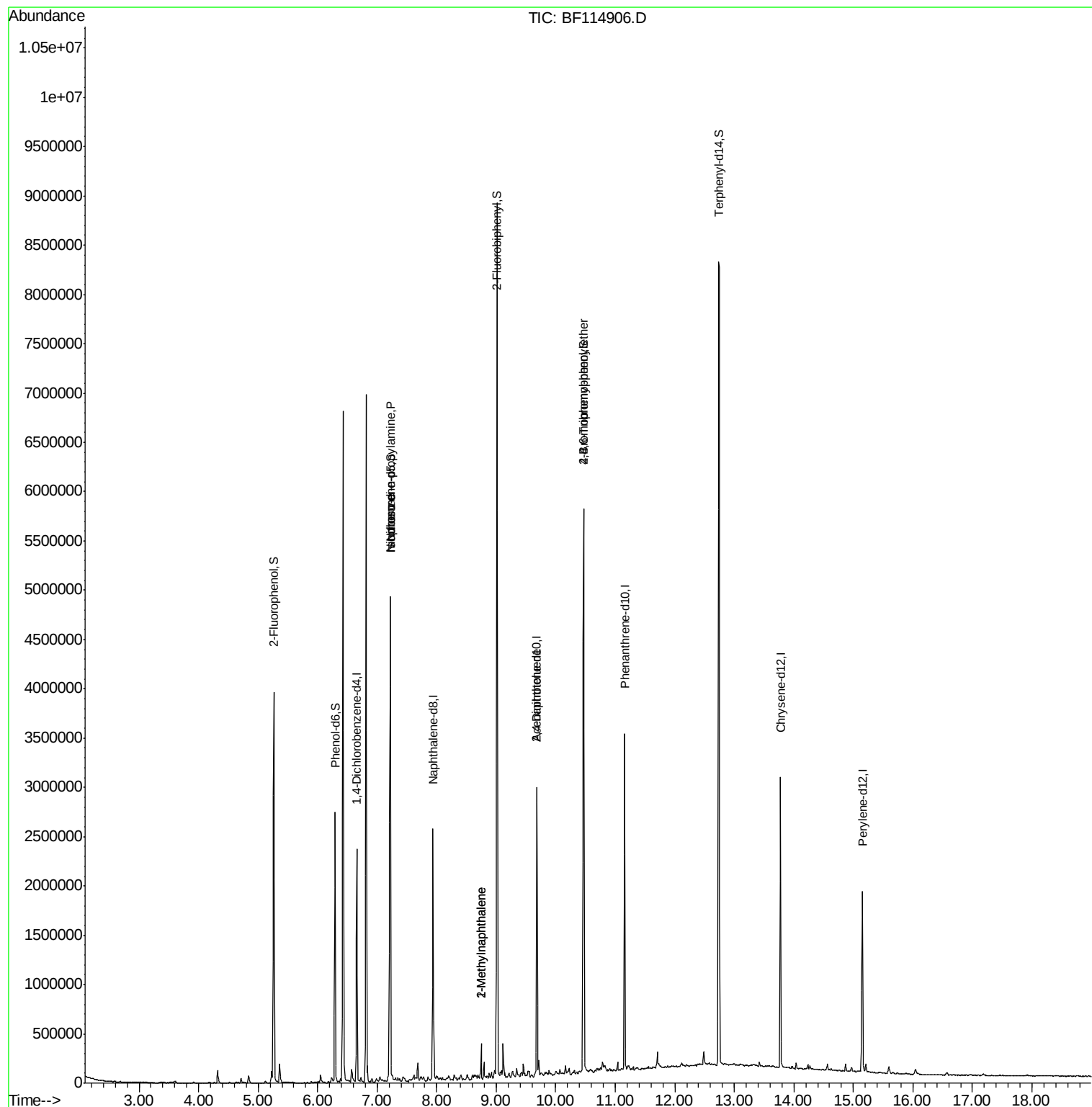
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	332046	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	1244746	20.00	ng	-0.01
39) Acenaphthene-d10	9.68	164	613580	20.00	ng	-0.02
64) Phenanthrene-d10	11.16	188	1182683	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	908744	20.00	ng	-0.02
87) Perylene-d12	15.15	264	770892	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1155896	60.83	ng	0.00
7) Phenol-d6	6.29	99	932173	40.31	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1780690	88.06	ng	-0.01
42) 2,4,6-Tribromophenol	10.47	330	832028	125.83	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	3109121	94.92	ng	-0.01
79) Terphenyl-d14	12.75	244	3340722	71.49	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.22	70	243671	15.920	ng	# 76
25) Isophorone	7.22	82	1726766	43.196	ng	# 61
37) 2-Methylnaphthalene	8.75	142	85699	2.205	ng	98
38) 1-Methylnaphthalene	8.75	142	85699	2.325	ng	99
57) 2,4-Dinitrotoluene	9.68	165	80882	6.105	ng	# 33
58) Fluorene	10.23	166	15854	Below Cal		95
67) 4-Bromophenyl-phenylether	10.47	248	54259	4.039	ng	# 1

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

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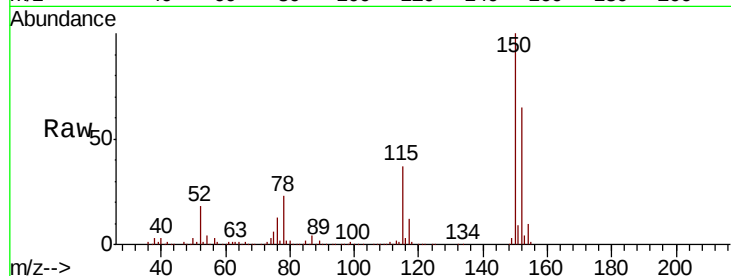


#1

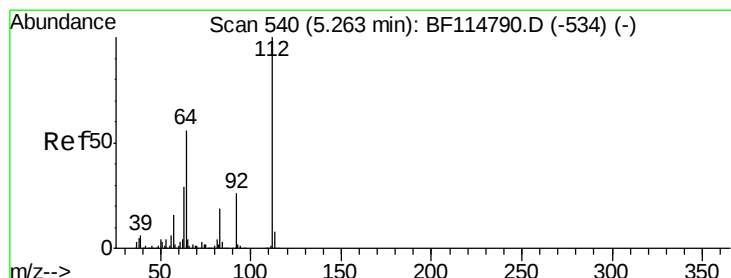
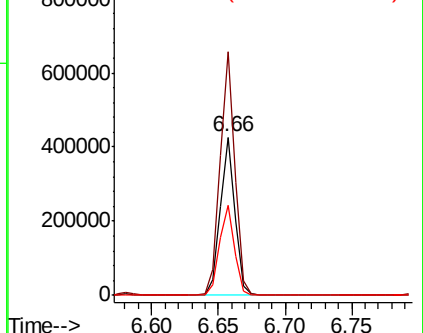
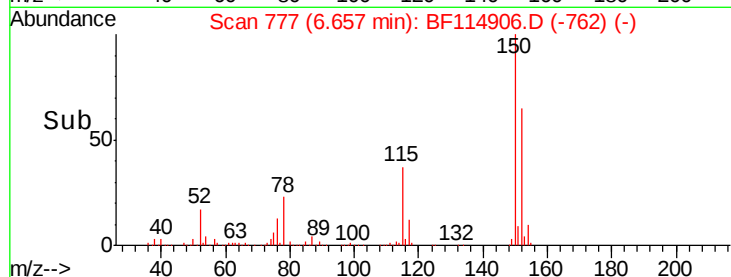
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF114906.D
Acq: 7 Jun 2019 22:46

Instrument :
BNA_F
ClientSampleId :
MW-2A

Tgt Ion:152 Resp: 332046
Ion Ratio Lower Upper
152 100
150 153.9 124.0 186.0
115 56.5 46.3 69.5



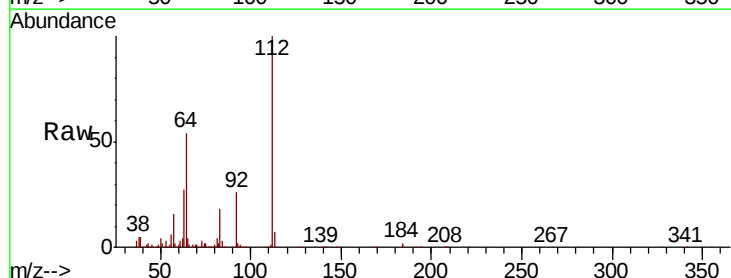
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



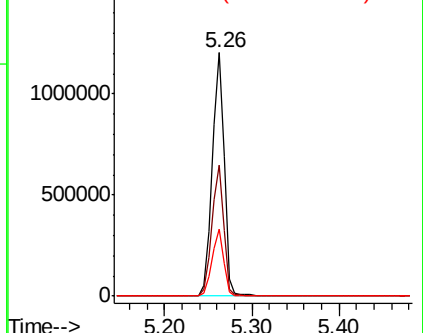
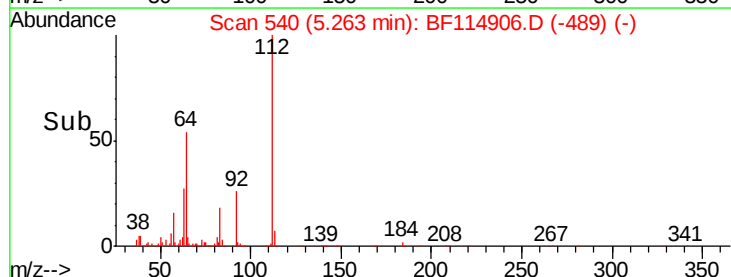
#5

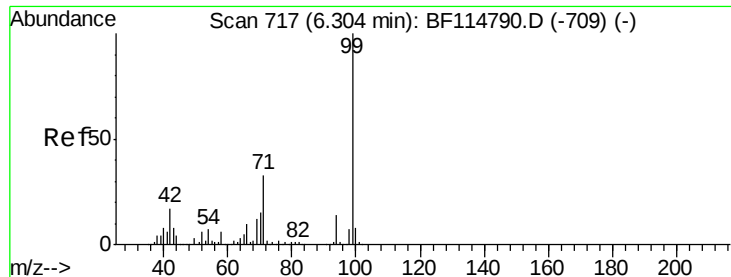
2-Fluorophenol
Concen: 60.828 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF114906.D
Acq: 7 Jun 2019 22:46

Tgt Ion:112 Resp: 1155896
Ion Ratio Lower Upper
112 100
64 53.7 44.6 66.8
63 27.3 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: 40.314 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF114906.D

Acq: 7 Jun 2019 22:46

Instrument :

BNA_F

ClientSampleId :

MW-2A

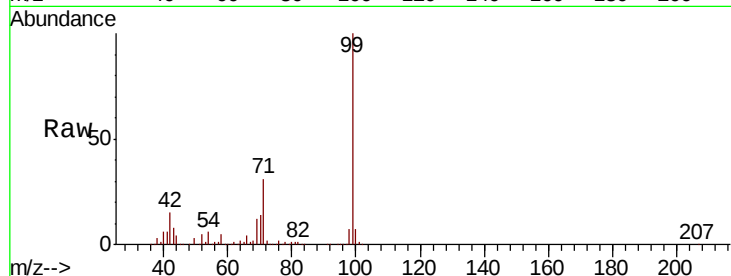
Tgt Ion: 99 Resp: 932173

Ion Ratio Lower Upper

99 100

42 15.4 13.3 19.9

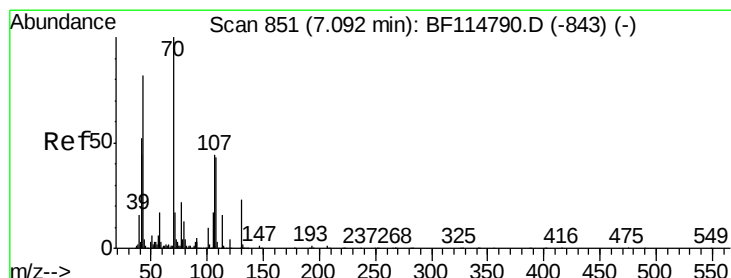
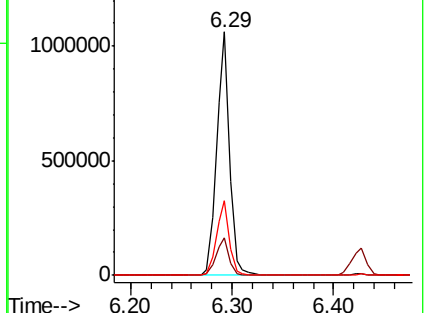
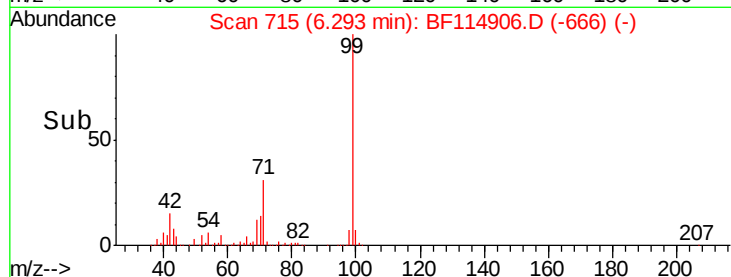
71 30.9 26.3 39.5



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: 15.920 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.13 min

Lab File: BF114906.D

Acq: 7 Jun 2019 22:46

Tgt Ion: 70 Resp: 243671

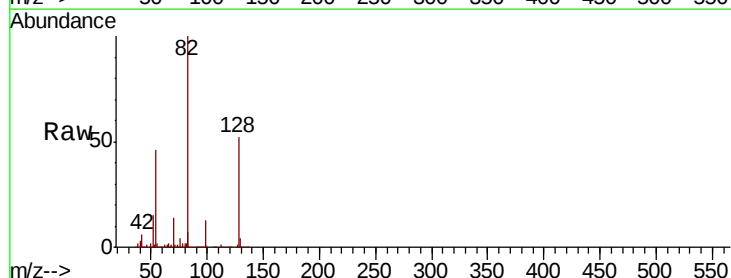
Ion Ratio Lower Upper

70 100

42 41.9 41.8 62.8

101 0.0 8.2 12.4#

130 2.6 18.5 27.7#

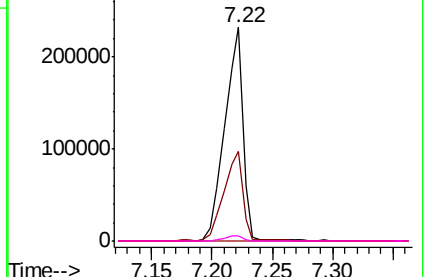
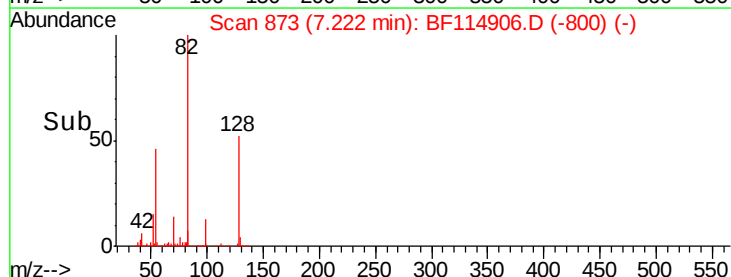


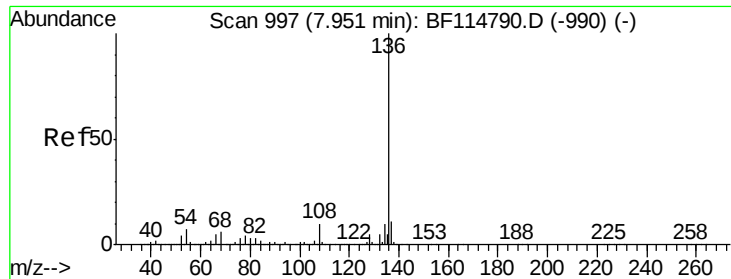
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

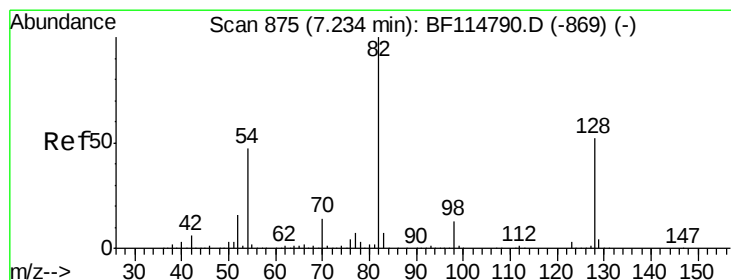
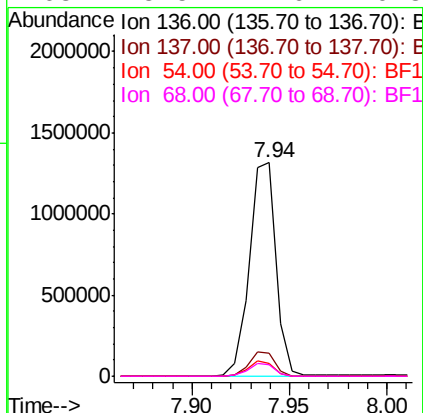
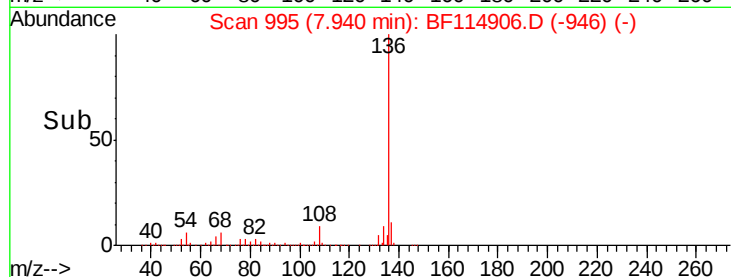
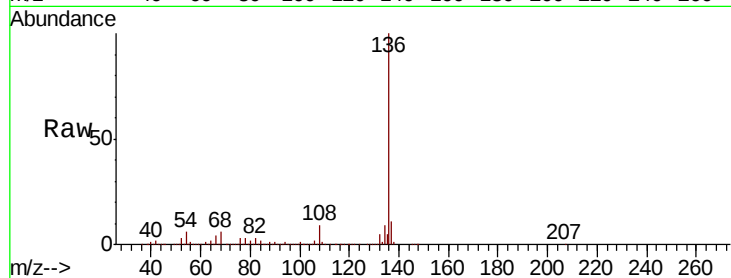




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF114906.D
Acq: 7 Jun 2019 22:46

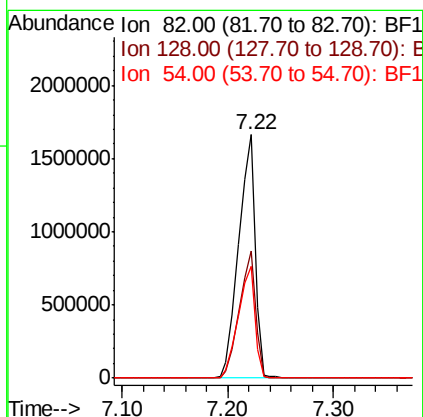
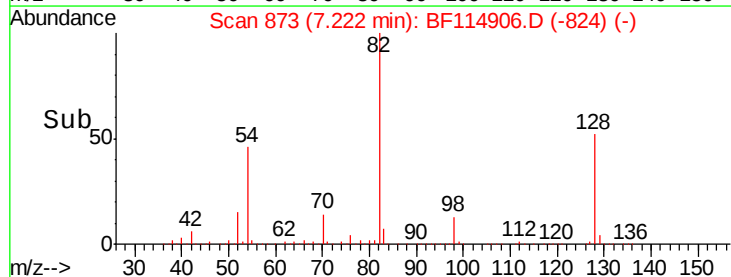
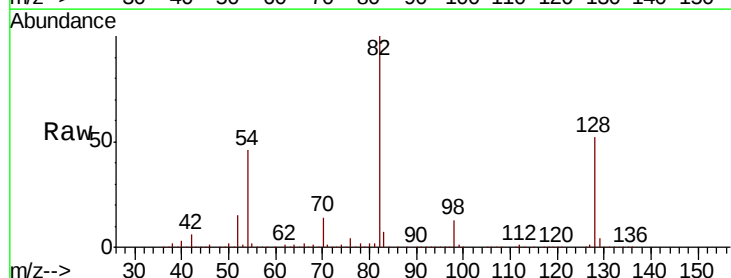
Instrument :
BNA_F
ClientSampleId :
MW-2A

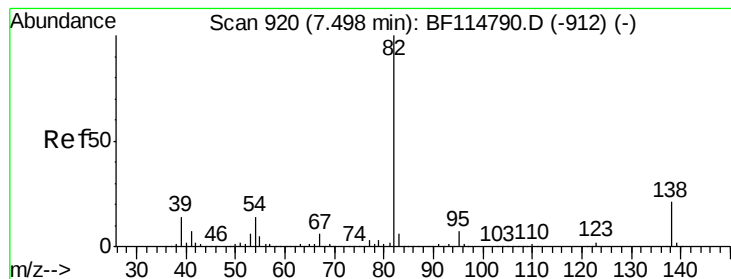
Tgt Ion:	136	Resp:	1244746
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.0	5.4	8.0
68	5.5	4.6	6.8



#23
Nitrobenzene-d5
Concen: 88.063 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114906.D
Acq: 7 Jun 2019 22:46

Tgt Ion:	82	Resp:	1780690
Ion	Ratio	Lower	Upper
82	100		
128	52.0	41.8	62.6
54	46.2	37.9	56.9





#25

Isophorone

Concen: 43.196 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.28 min

Lab File: BF114906.D

Acq: 7 Jun 2019 22:46

Instrument :

BNA_F

ClientSampled :

MW-2A

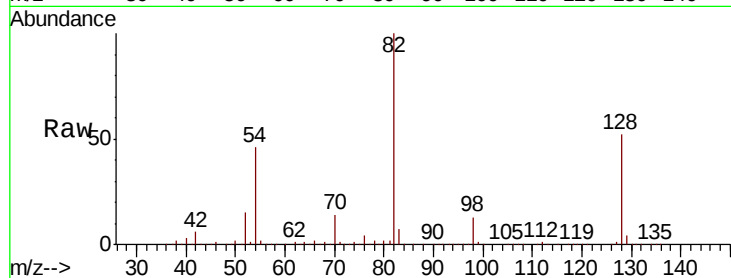
Tgt Ion: 82 Resp: 1726766

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

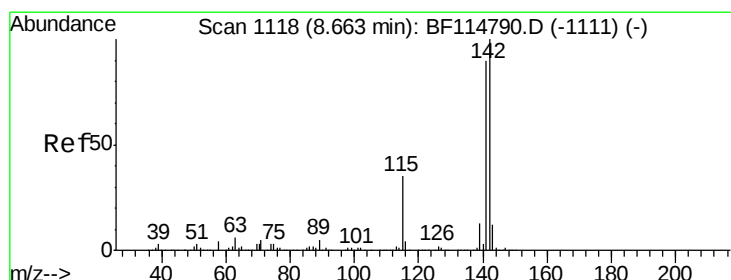
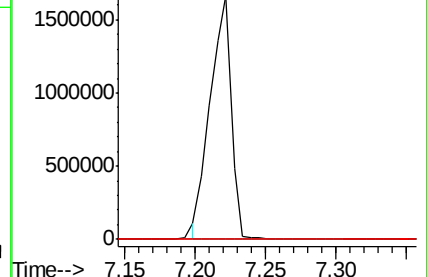
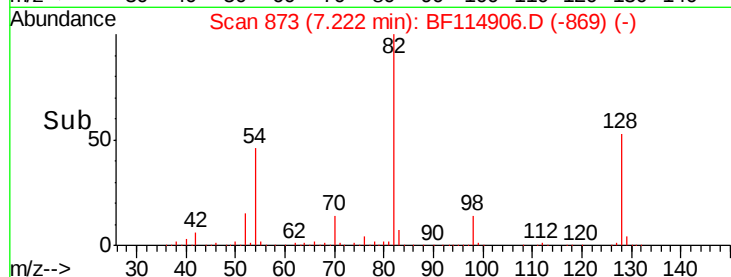
138 0.0 16.9 25.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#37

2-Methylnaphthalene

Concen: 2.205 ng

RT: 8.75 min Scan# 1132

Delta R.T. 0.08 min

Lab File: BF114906.D

Acq: 7 Jun 2019 22:46

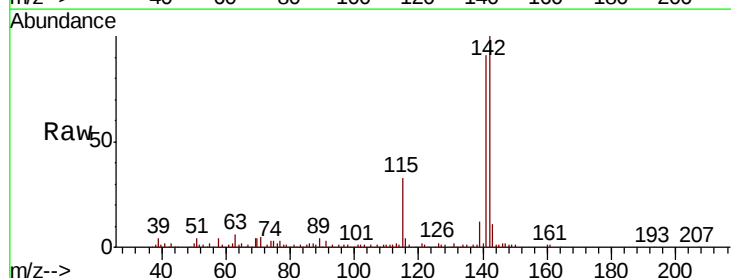
Tgt Ion: 142 Resp: 85699

Ion Ratio Lower Upper

142 100

141 91.4 71.6 107.4

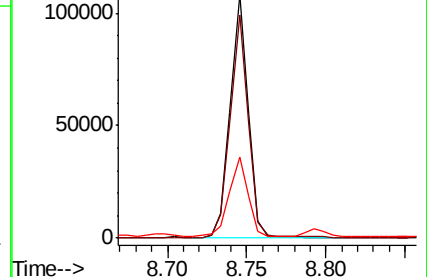
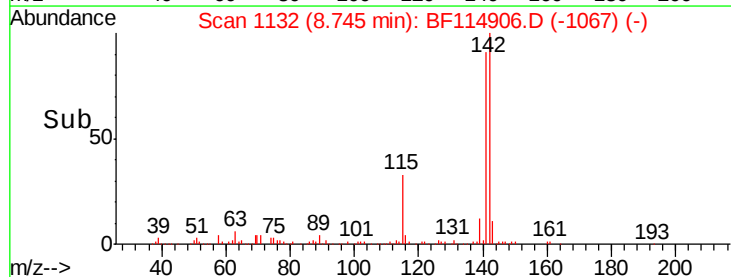
115 33.3 28.2 42.4

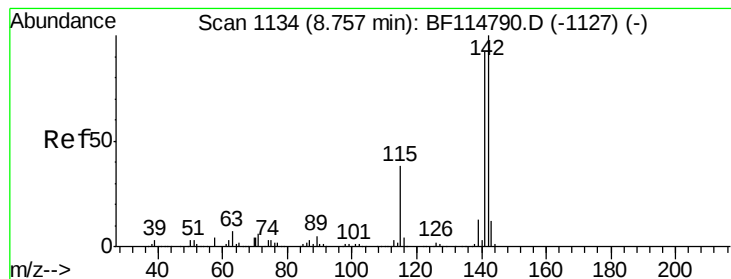


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

1-Methylnaphthalene

Concen: 2.325 ng

RT: 8.75 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BF114906.D

Acq: 7 Jun 2019 22:46

Instrument :

BNA_F

ClientSampleId :

MW-2A

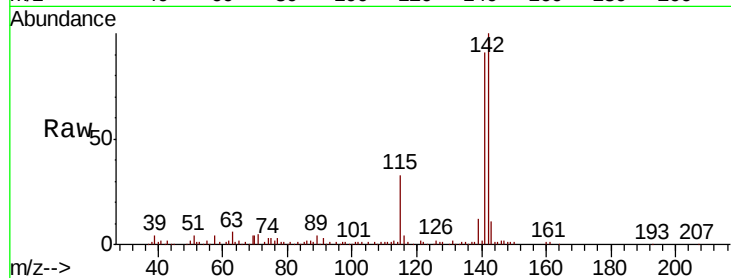
Tgt Ion:142 Resp: 85699

Ion Ratio Lower Upper

142 100

141 91.4 73.8 110.6

116 3.8 3.3 4.9

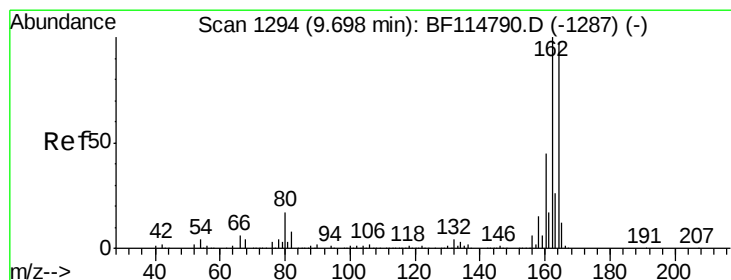
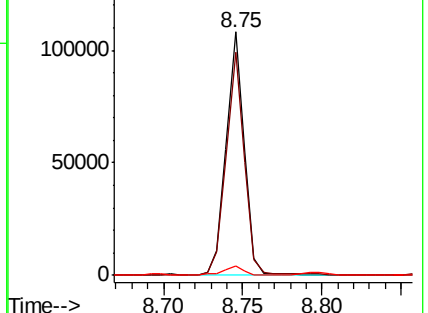
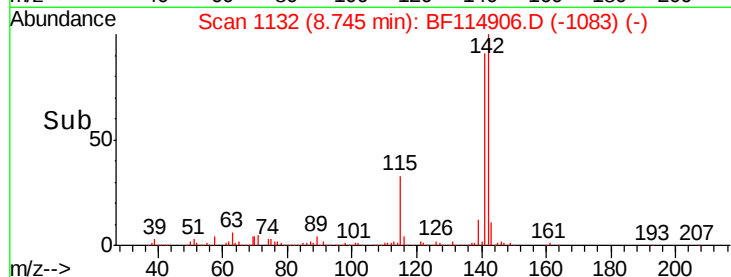


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.02 min

Lab File: BF114906.D

Acq: 7 Jun 2019 22:46

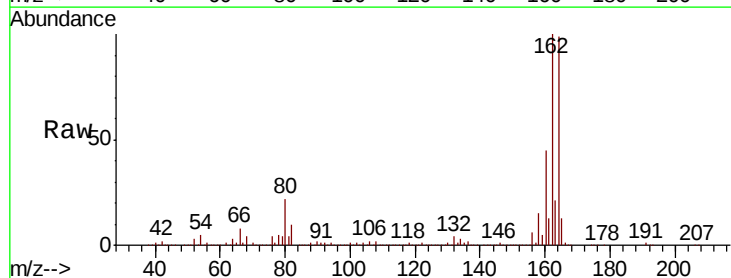
Tgt Ion:164 Resp: 613580

Ion Ratio Lower Upper

164 100

162 101.4 82.3 123.5

160 45.2 36.7 55.1

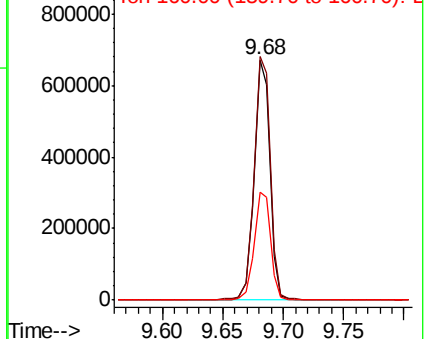
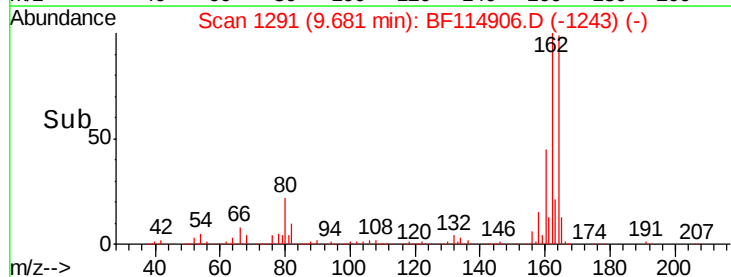


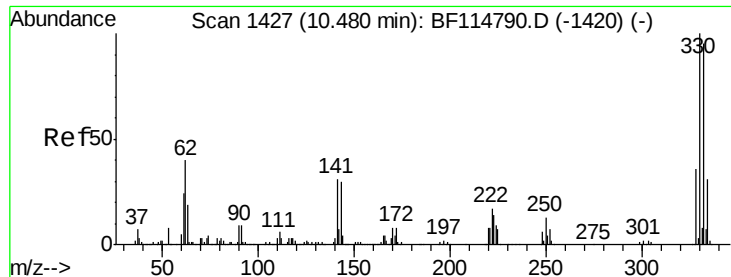
Abundance

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: 125.830 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF114906.D

Acq: 7 Jun 2019 22:46

Instrument :

BNA_F

ClientSampleId :

MW-2A

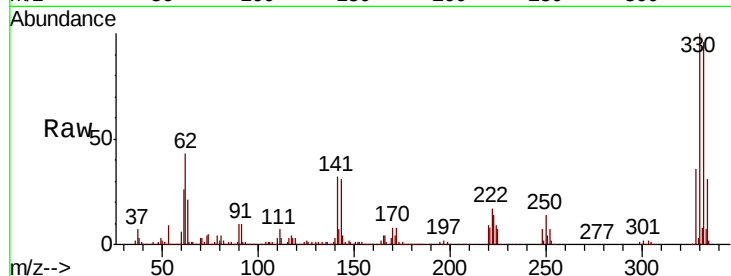
Tgt Ion:330 Resp: 832028

Ion Ratio Lower Upper

330 100

332 94.9 77.3 115.9

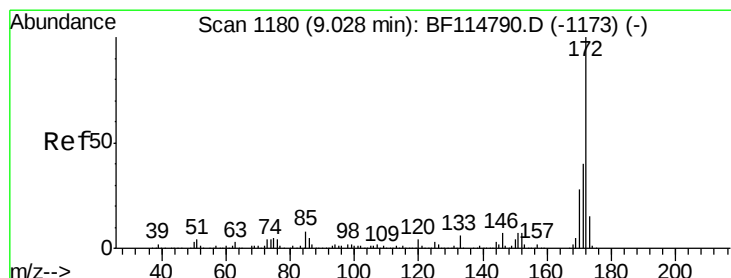
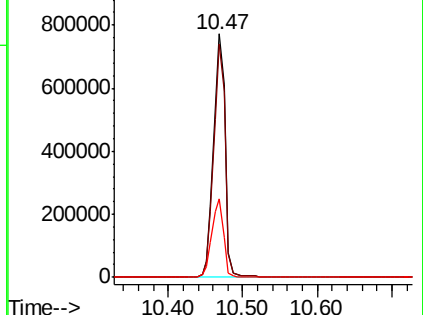
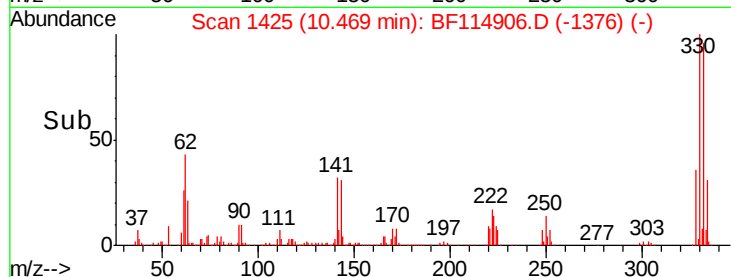
141 32.6 26.2 39.4



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: 94.922 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF114906.D

Acq: 7 Jun 2019 22:46

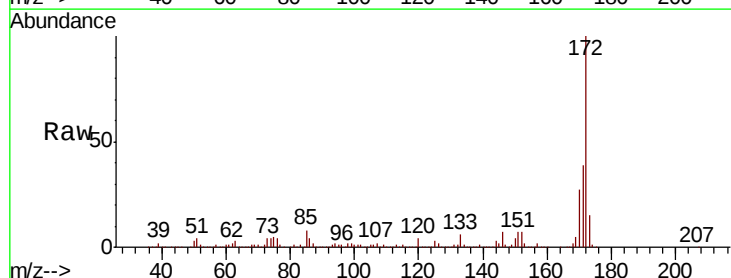
Tgt Ion:172 Resp: 3109121

Ion Ratio Lower Upper

172 100

171 38.9 32.3 48.5

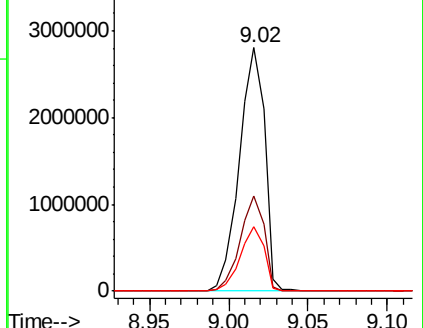
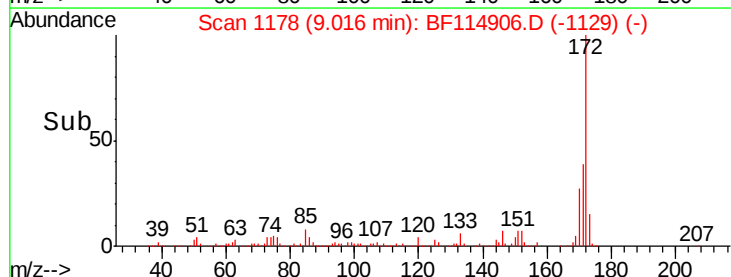
170 26.6 22.4 33.6

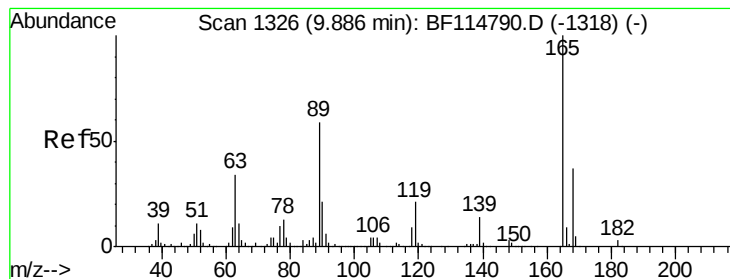


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#57

2,4-Dinitrotoluene

Concen: 6.105 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.21 min

Lab File: BF114906.D

Acq: 7 Jun 2019 22:46

Instrument :

BNA_F

ClientSampled :

MW-2A

Tgt Ion:165 Resp: 80882

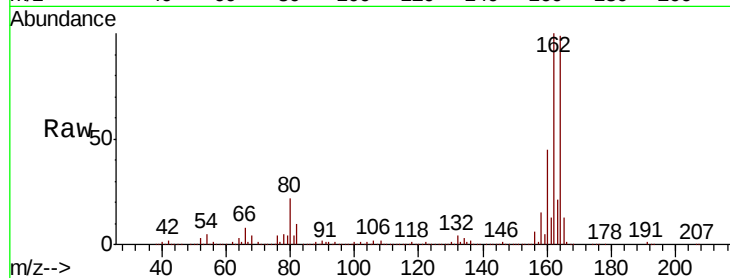
Ion Ratio Lower Upper

165 100

63 1.8 27.0 40.4#

89 1.7 47.0 70.6#

182 0.0 2.2 3.2#

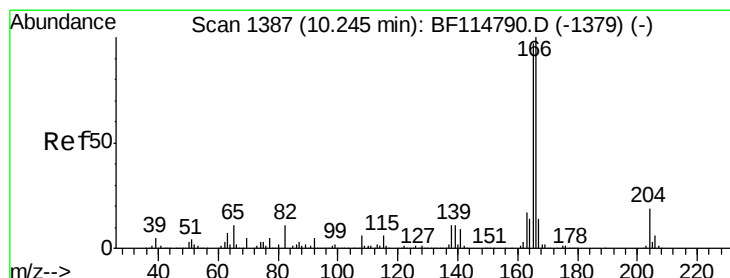
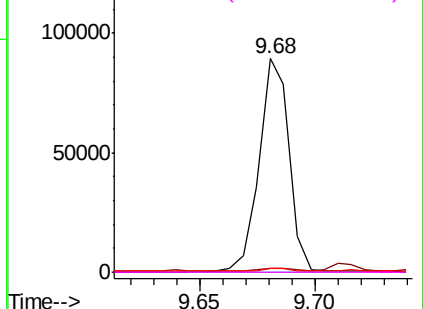
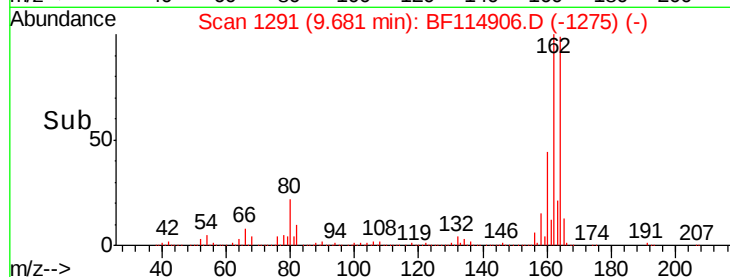


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: Below Cal

RT: 10.23 min Scan# 1384

Delta R.T. -0.02 min

Lab File: BF114906.D

Acq: 7 Jun 2019 22:46

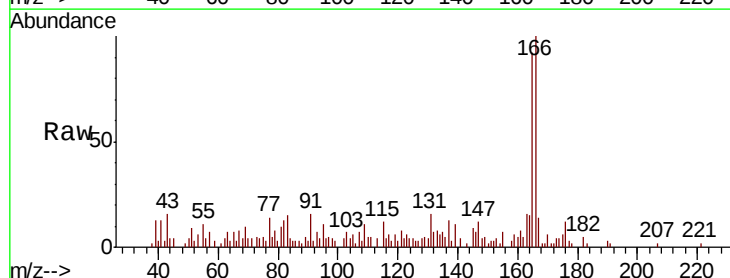
Tgt Ion:166 Resp: 15854

Ion Ratio Lower Upper

166 100

165 92.3 77.9 116.9

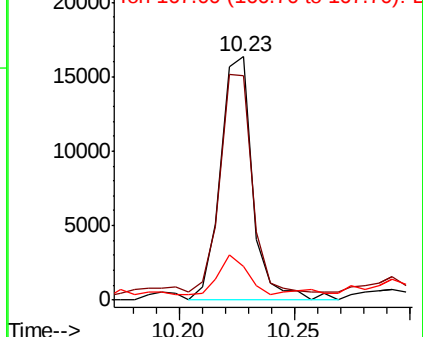
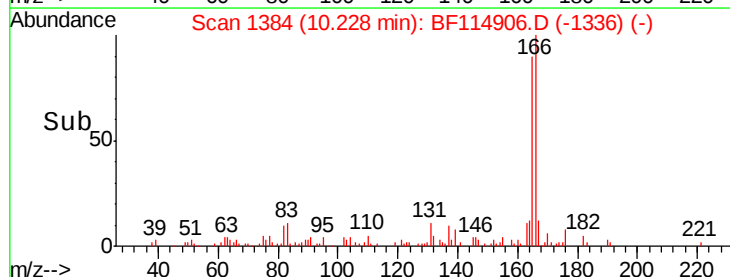
167 14.1 11.3 16.9

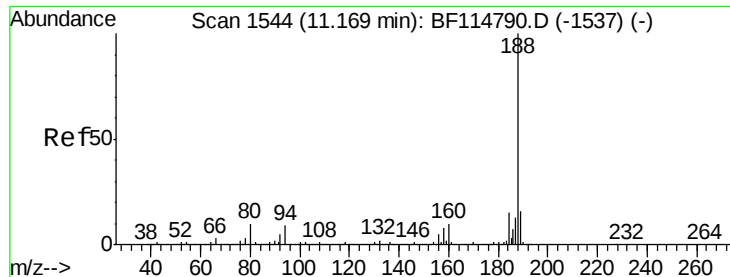


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

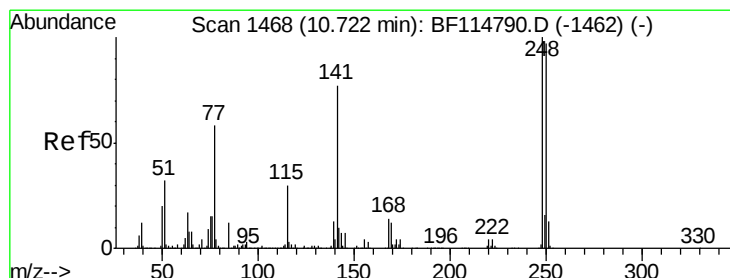
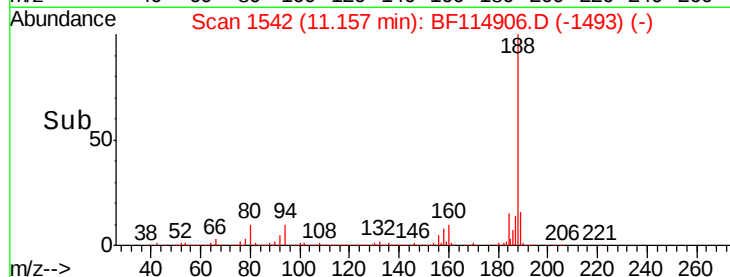
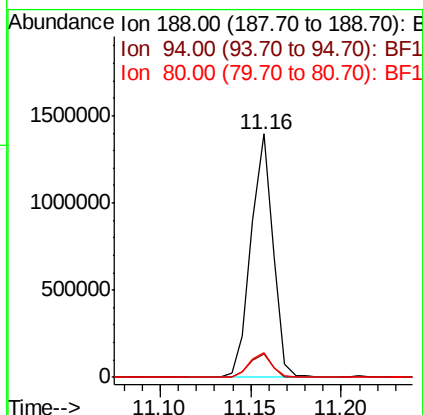
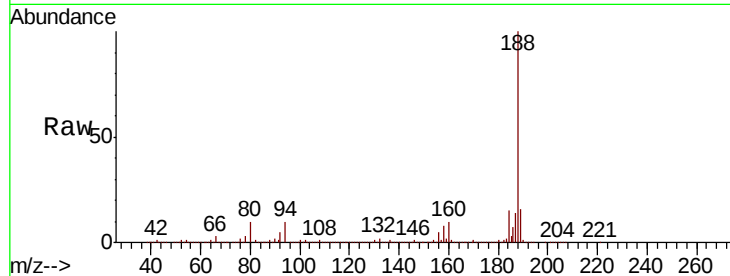




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. -0.01 min
 Lab File: BF114906.D
 Acq: 7 Jun 2019 22:46

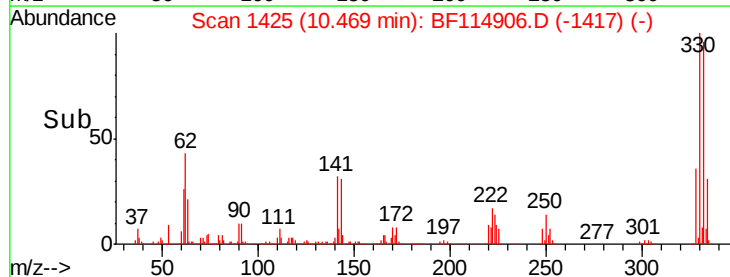
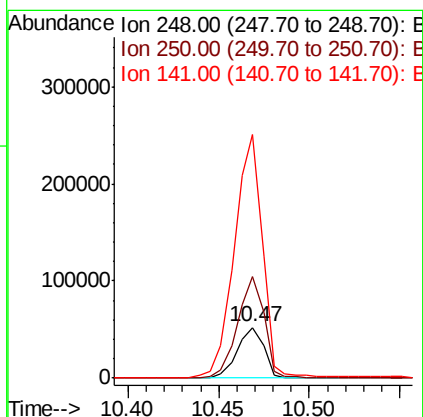
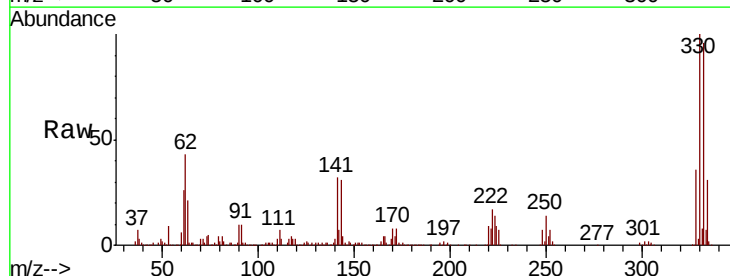
Instrument :
 BNA_F
 ClientSampleId :
 MW-2A

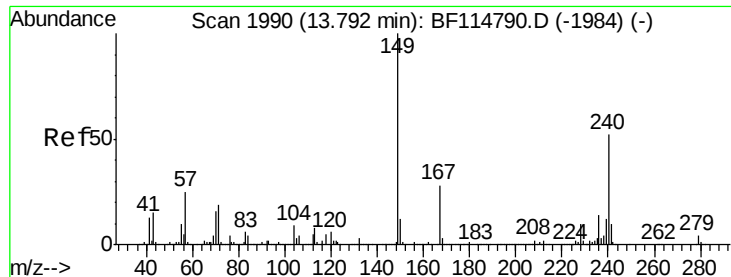
Tgt Ion:188 Resp: 1182683
 Ion Ratio Lower Upper
 188 100
 94 9.7 7.6 11.4
 80 10.3 8.3 12.5



#67
 4-Bromophenyl-phenylether
 Concen: 4.039 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.25 min
 Lab File: BF114906.D
 Acq: 7 Jun 2019 22:46

Tgt Ion:248 Resp: 54259
 Ion Ratio Lower Upper
 248 100
 250 201.4 77.5 116.3#
 141 483.5 61.8 92.8#





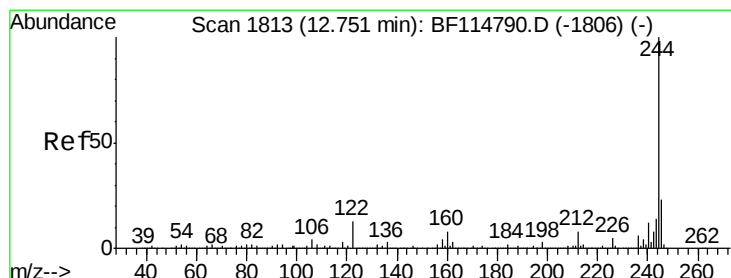
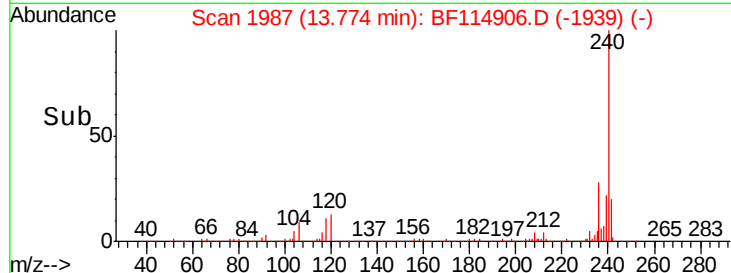
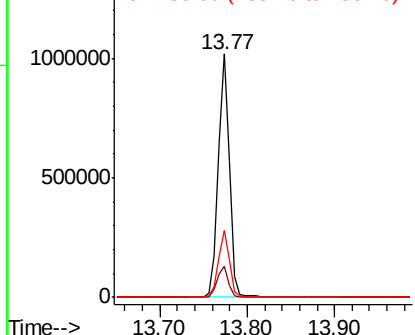
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.02 min
Lab File: BF114906.D
Acq: 7 Jun 2019 22:46

Instrument :
BNA_F
ClientSampleId :
MW-2A

Tgt Ion:240 Resp: 908744
Ion Ratio Lower Upper
240 100
120 12.9 9.0 13.4
236 27.6 21.4 32.0

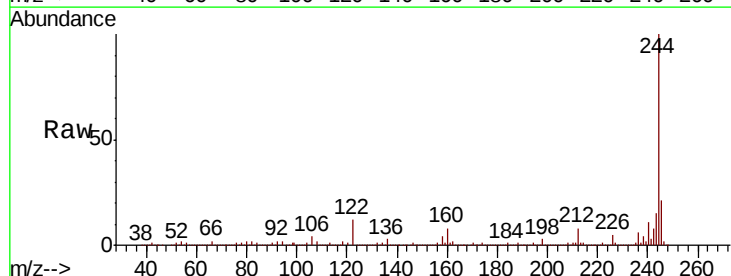


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

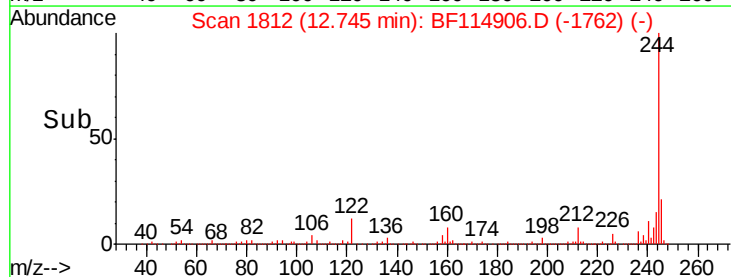
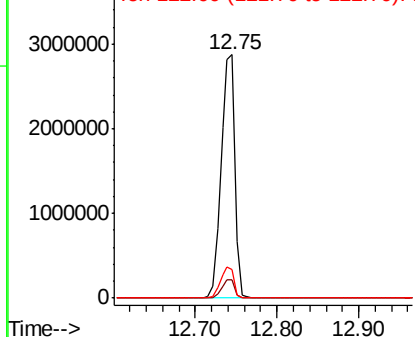


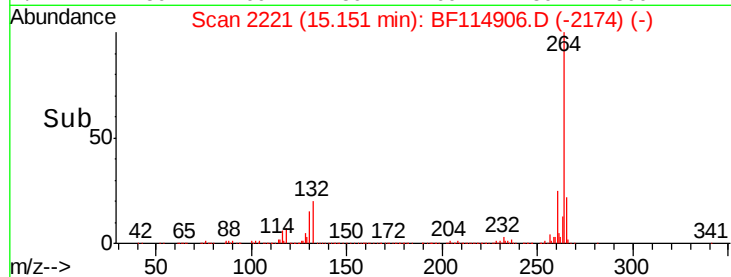
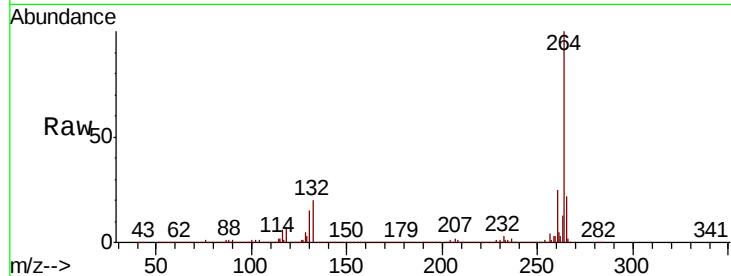
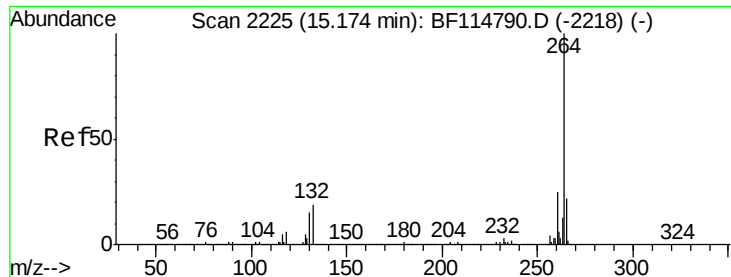
#79
Terphenyl-d14
Concen: 71.493 ng
RT: 12.75 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF114906.D
Acq: 7 Jun 2019 22:46

Tgt Ion:244 Resp: 3340722
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 11.6 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: 15.15 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF114906.D
Acq: 7 Jun 2019 22:46

Instrument :
BNA_F
ClientSampleId :
MW-2A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	22.0	17.7	26.5

