

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114621.D
 Acq On : 25 May 2019 22:53
 Operator : JU/SJ
 Sample : PB120034BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 26 23:49:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

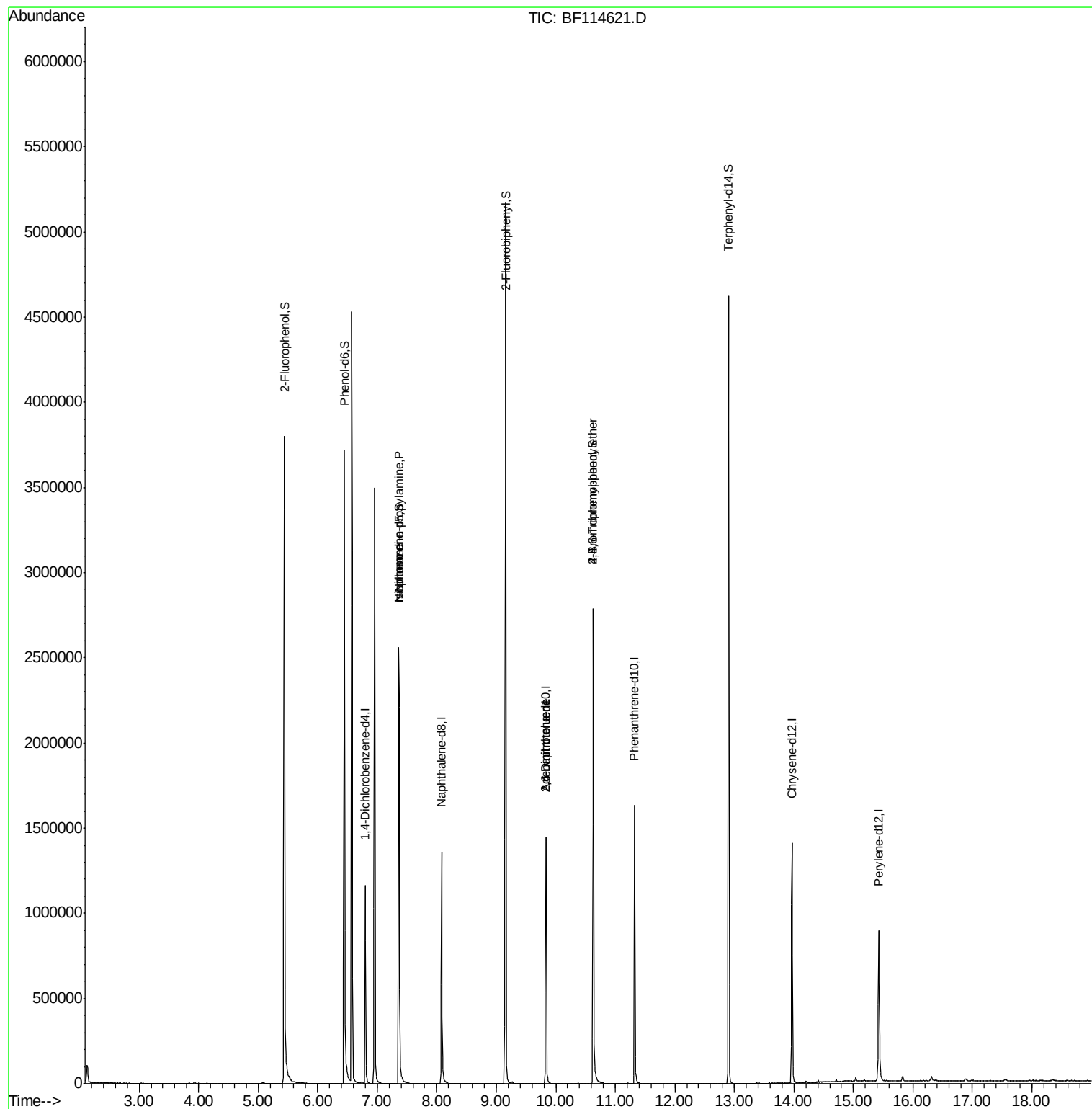
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	183815	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	703153	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	331954	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	663953	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	482129	20.00	ng	-0.02
87) Perylene-d12	15.43	264	465070	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1165289	102.02	ng	0.00
7) Phenol-d6	6.45	99	1530645	113.30	ng	-0.01
23) Nitrobenzene-d5	7.36	82	922686	73.64	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	352669	102.76	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1681291	76.61	ng	-0.02
79) Terphenyl-d14	12.90	244	1635961	69.95	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	121197	14.154	ng	# 77
25) Isophorone	7.36	82	922679	39.707	ng	# 64
51) 2,6-Dinitrotoluene	9.83	165	40826	7.553	ng	# 22
57) 2,4-Dinitrotoluene	9.83	165	40827	5.565	ng	# 25
67) 4-Bromophenyl-phenylether	10.63	248	22575	3.088	ng	# 1

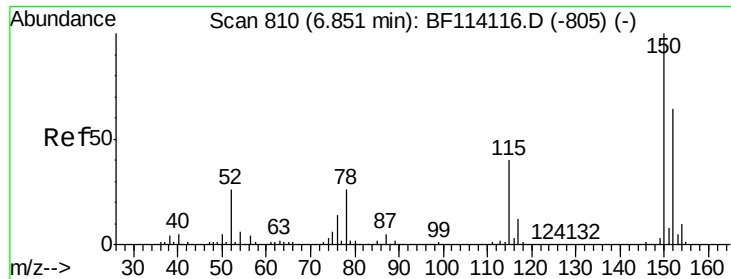
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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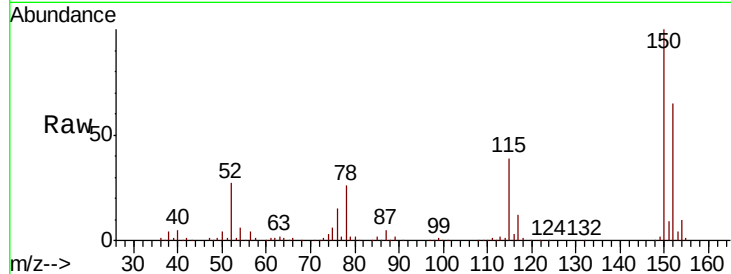


#1

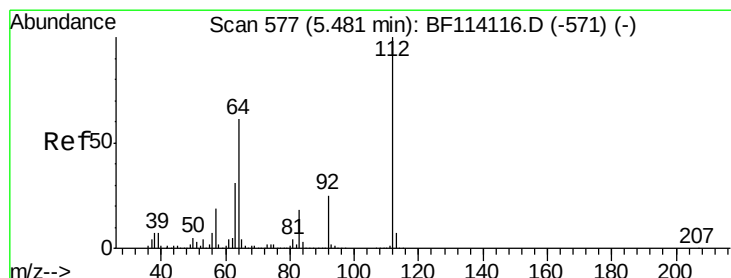
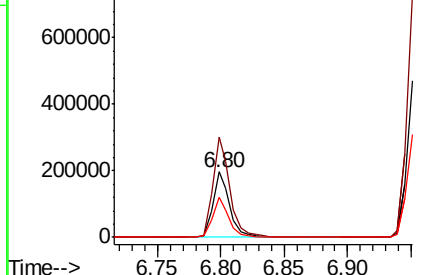
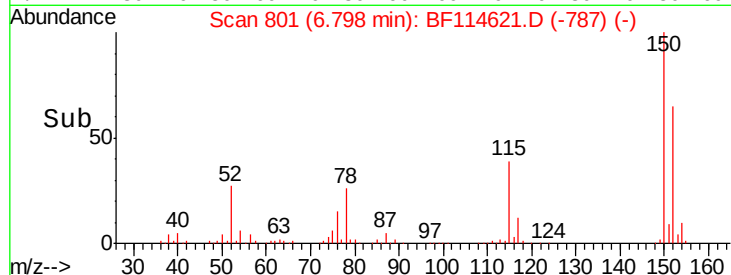
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114621.D
Acq: 25 May 2019 22:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 183815
Ion Ratio Lower Upper
152 100
150 154.4 124.3 186.5
115 60.8 49.1 73.7



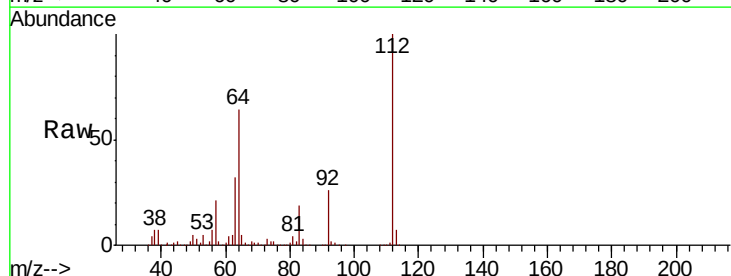
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



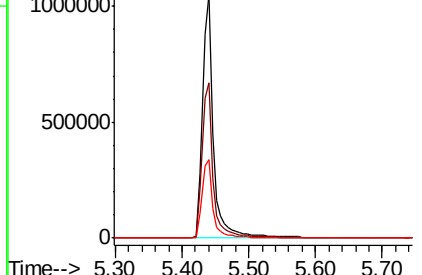
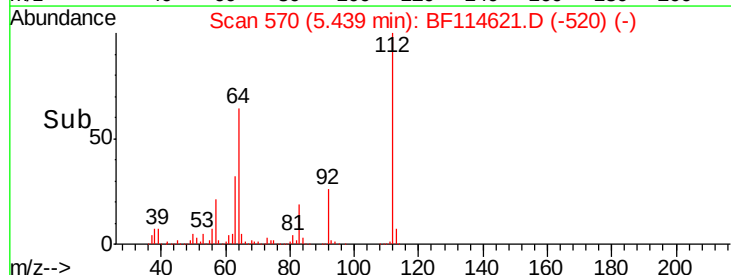
#5

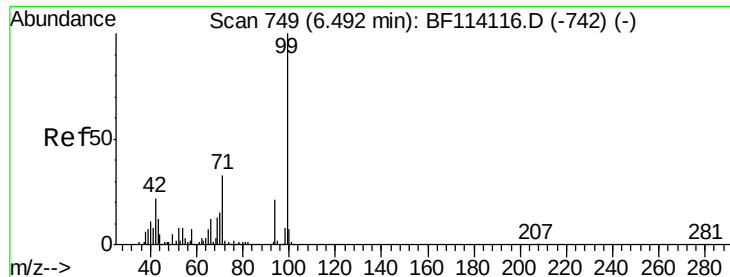
2-Fluorophenol
Concen: 102.019 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF114621.D
Acq: 25 May 2019 22:53

Tgt Ion:112 Resp: 1165289
Ion Ratio Lower Upper
112 100
64 63.7 49.0 73.6
63 32.3 24.6 37.0



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: 113.301 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114621.D

Acq: 25 May 2019 22:53

Instrument :

BNA_F

ClientSampleId :

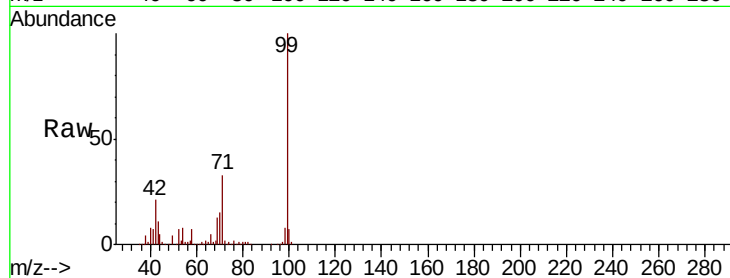
Tot Ion: 99 Resp: 1530645

Ion Ratio Lower Upper

99 100

42 20.7 17.9 26.9

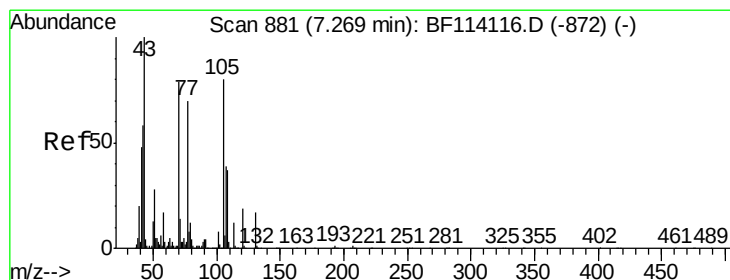
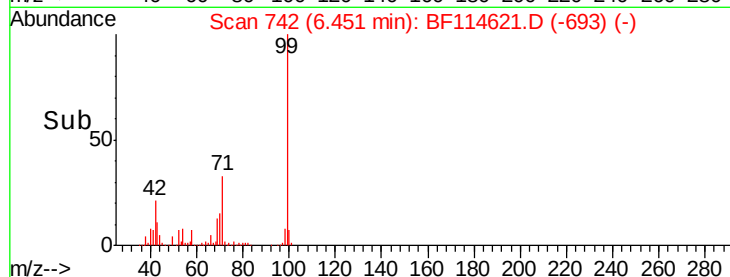
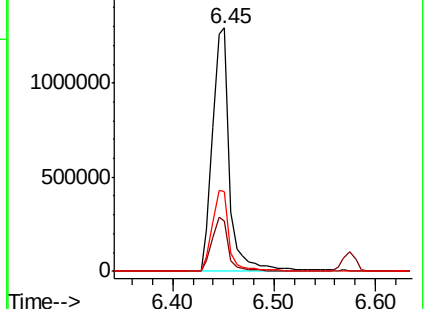
71 32.9 26.2 39.2



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: 14.154 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.13 min

Lab File: BF114621.D

Acq: 25 May 2019 22:53

Tgt Ion: 70 Resp: 121197

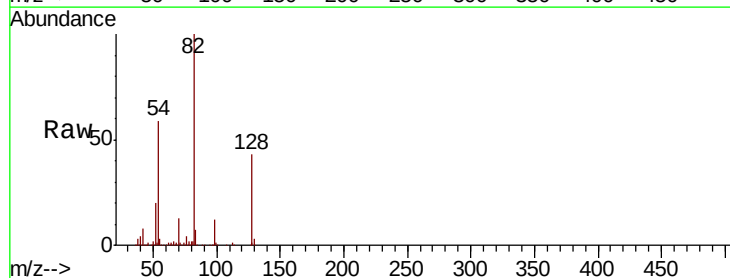
Ion Ratio Lower Upper

70 100

42 58.2 58.6 87.8#

101 0.0 7.8 11.8#

130 2.5 17.1 25.7#

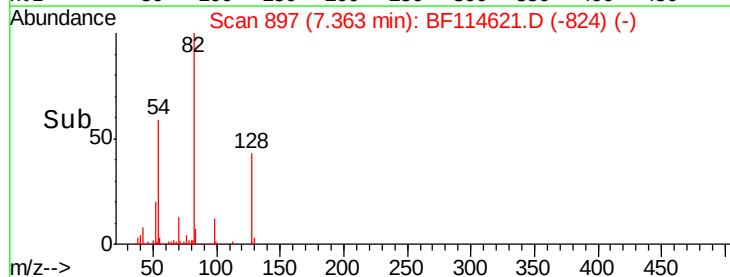
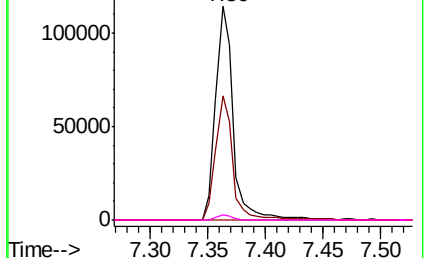


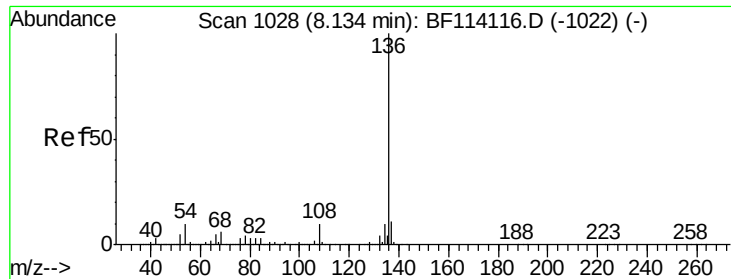
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

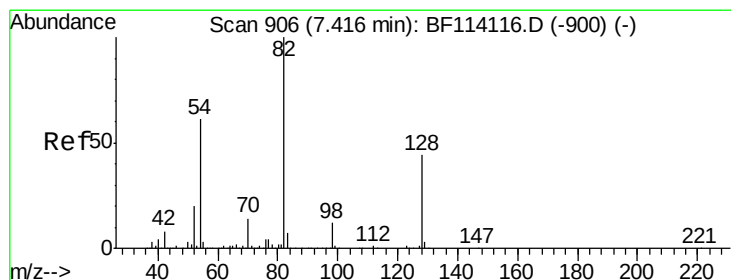
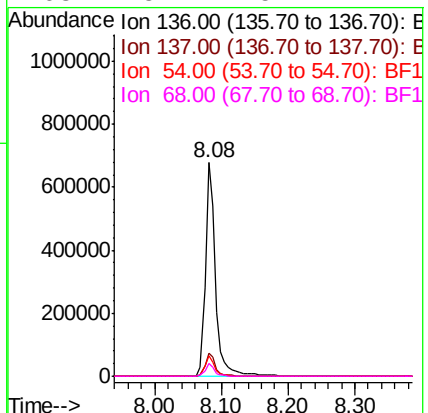
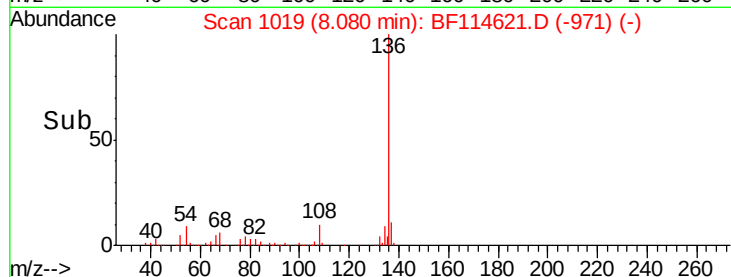
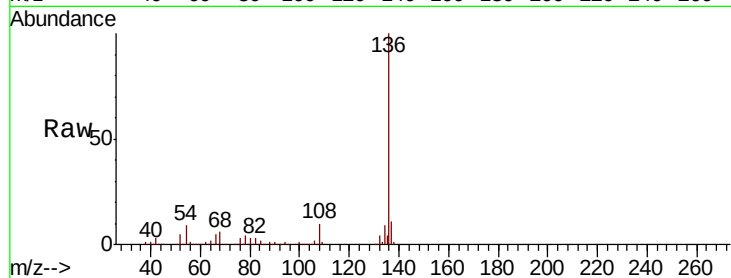




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF114621.D
Acq: 25 May 2019 22:53

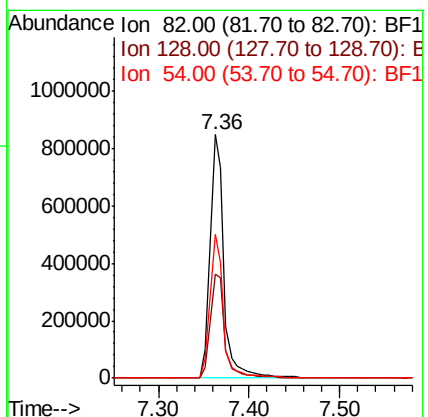
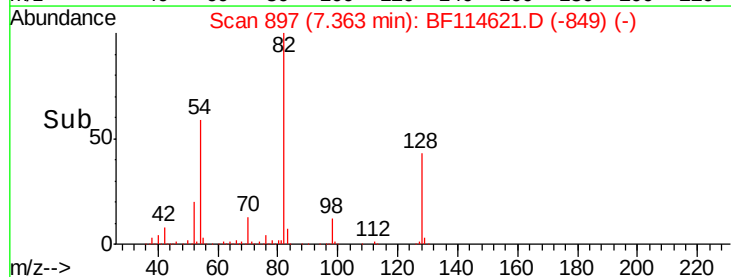
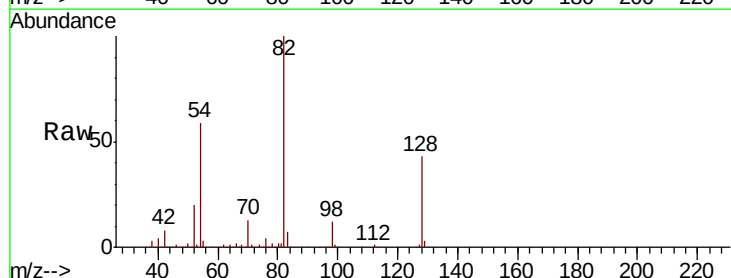
Instrument :
BNA_F
ClientSampleId :

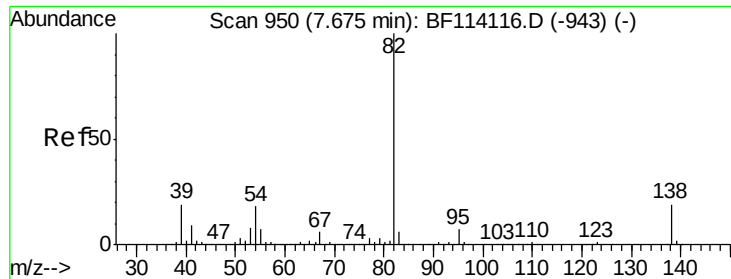
Tot Ion:136	Resp:	703153
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	9.4	7.8 11.8
68	5.7	5.1 7.7



#23
Nitrobenzene-d5
Concen: 73.641 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF114621.D
Acq: 25 May 2019 22:53

Tgt Ion: 82	Resp:	922686
Ion Ratio	Lower	Upper
82	100	
128	43.0	35.5 53.3
54	59.0	48.5 72.7





#25

Isophorone

Concen: 39.707 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.28 min

Lab File: BF114621.D

Acq: 25 May 2019 22:53

Instrument :

BNA_F

ClientSampled :

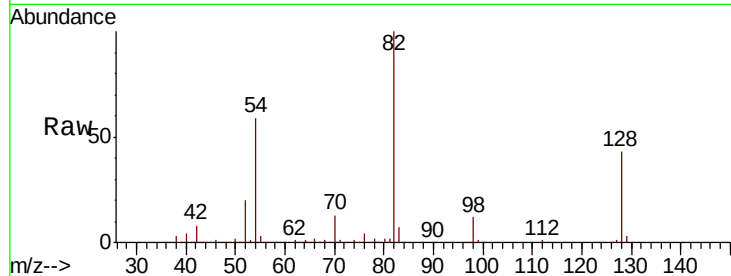
Tot Ion: 82 Resp: 922679

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

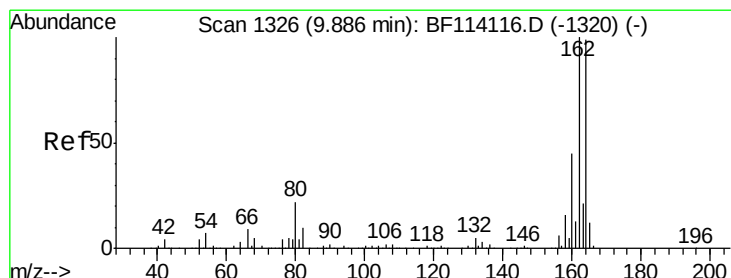
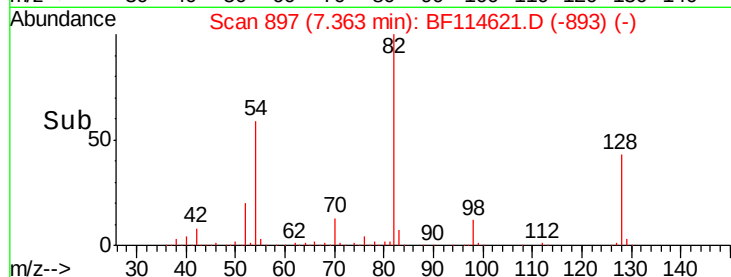
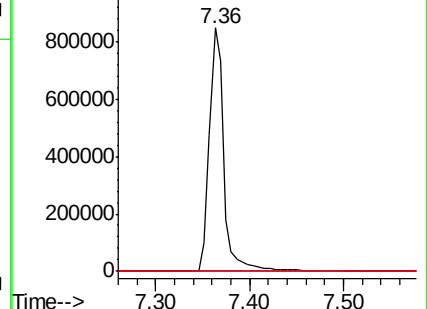
138 0.0 14.8 22.2#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF114621.D

Acq: 25 May 2019 22:53

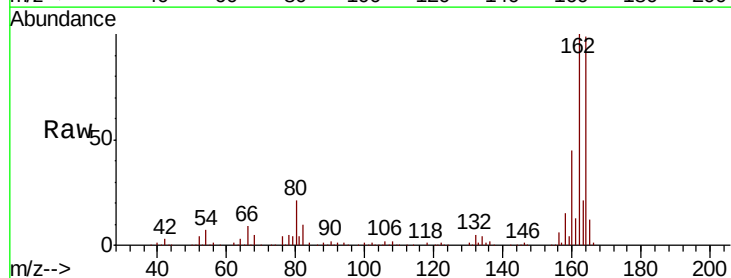
Tgt Ion: 164 Resp: 331954

Ion Ratio Lower Upper

164 100

162 101.5 80.6 120.8

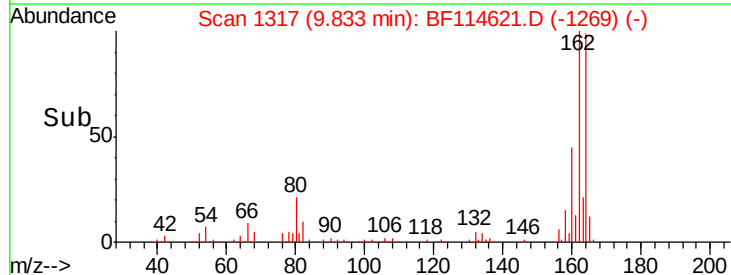
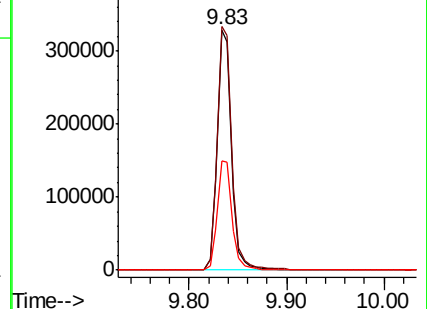
160 45.3 36.5 54.7

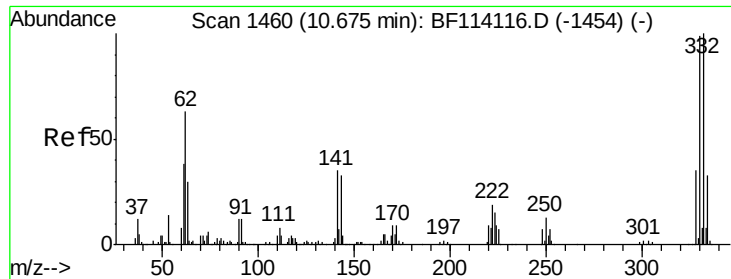


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 102.764 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BF114621.D

Acq: 25 May 2019 22:53

Instrument :

BNA_F

ClientSampled :

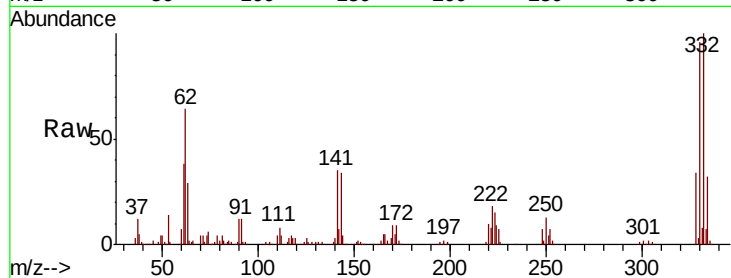
Tot Ion:330 Resp: 352669

Ion Ratio Lower Upper

330 100

332 102.3 81.4 122.2

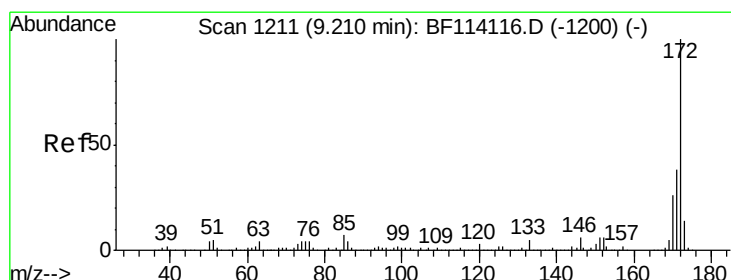
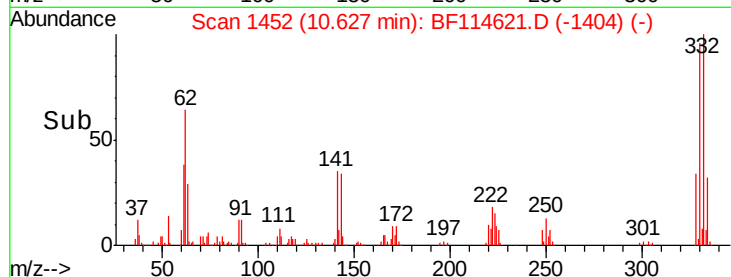
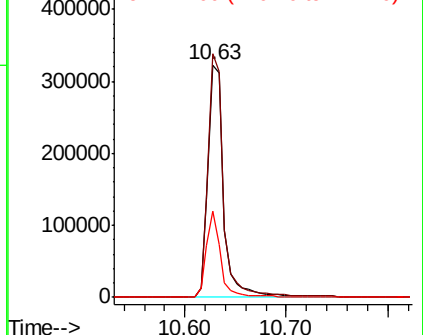
141 33.8 26.6 40.0



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: 76.614 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BF114621.D

Acq: 25 May 2019 22:53

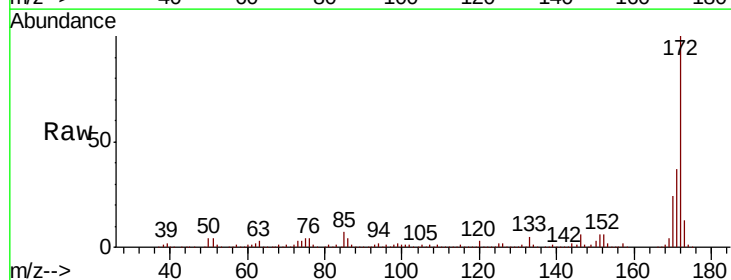
Tgt Ion:172 Resp: 1681291

Ion Ratio Lower Upper

172 100

171 36.8 30.7 46.1

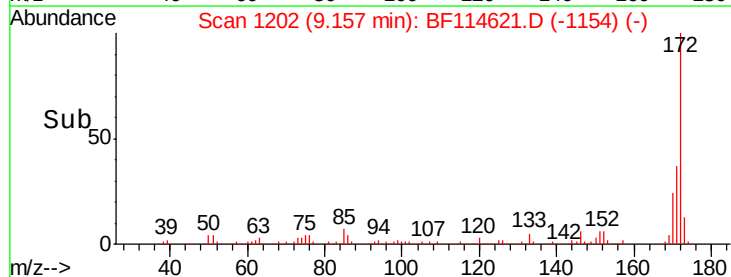
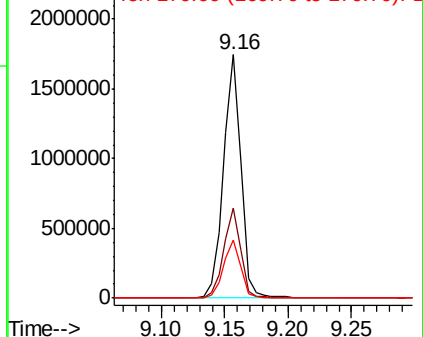
170 23.9 20.5 30.7

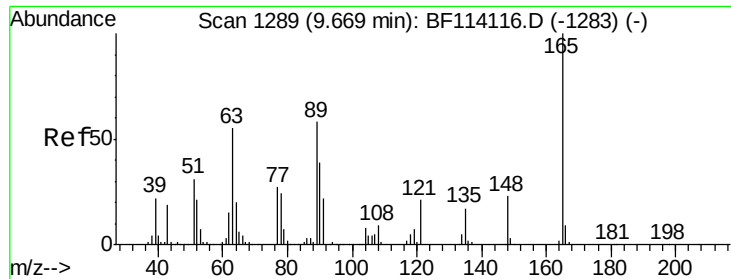


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

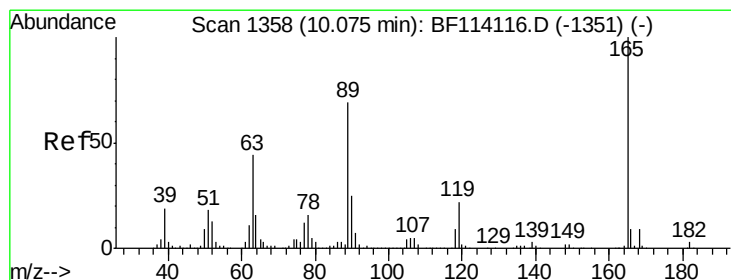
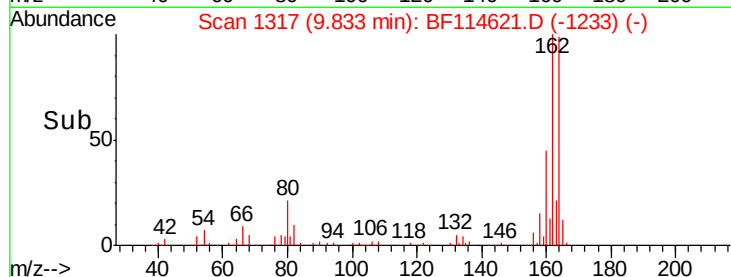
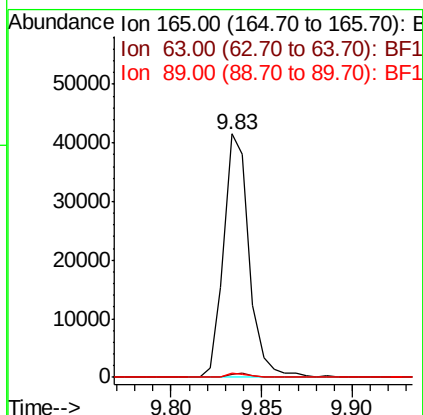
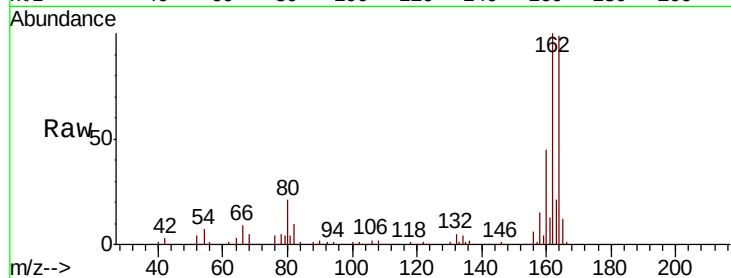




#51
 2,6-Dinitrotoluene
 Concen: 7.553 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.19 min
 Lab File: BF114621.D
 Acq: 25 May 2019 22:53

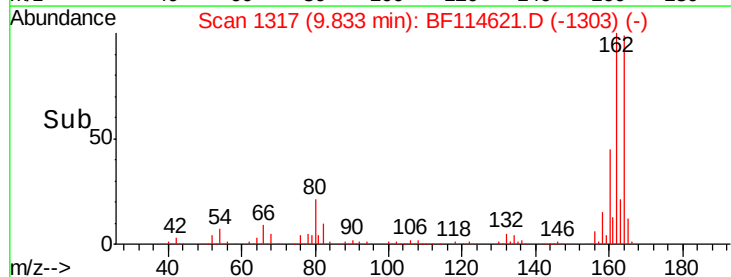
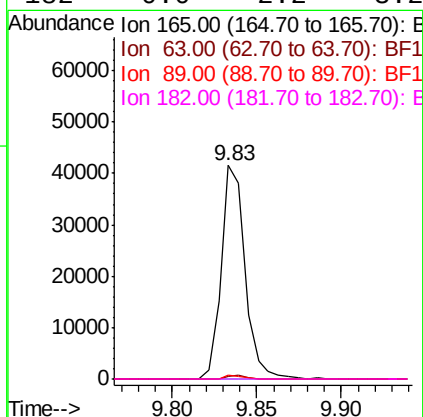
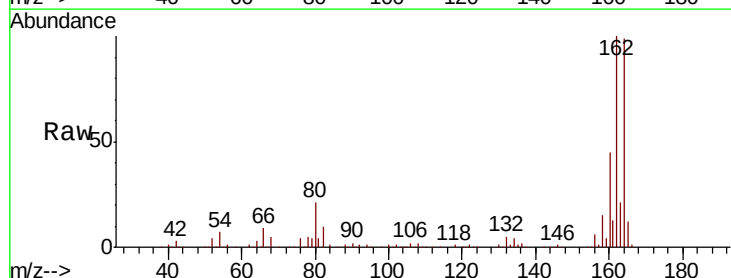
Instrument :
 BNA_F
 ClientSampled :

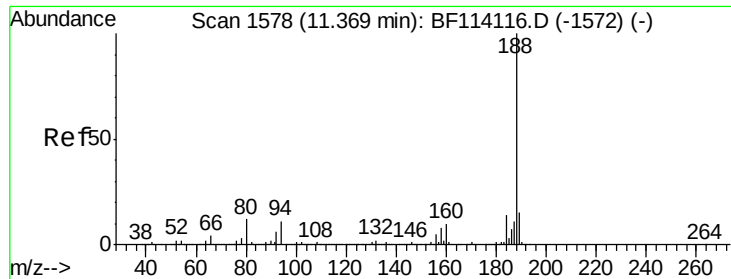
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	50.2	75.4#
89	1.6	46.6	69.8#



#57
 2,4-Dinitrotoluene
 Concen: 5.565 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.22 min
 Lab File: BF114621.D
 Acq: 25 May 2019 22:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.5	53.3#
89	1.6	55.2	82.8#
182	0.0	2.2	3.2#

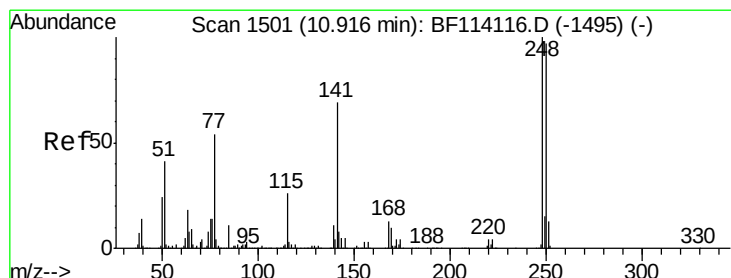
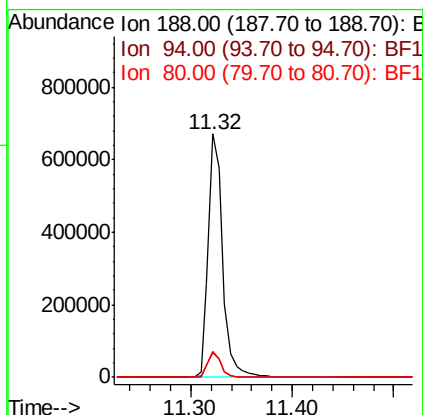
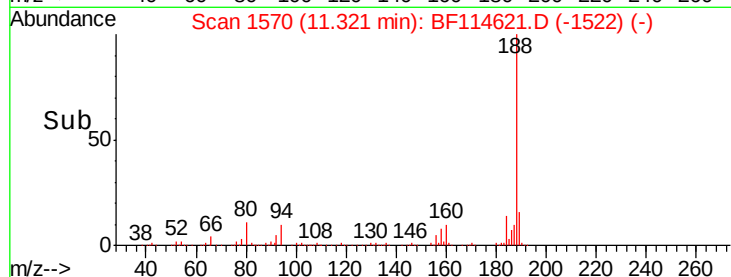
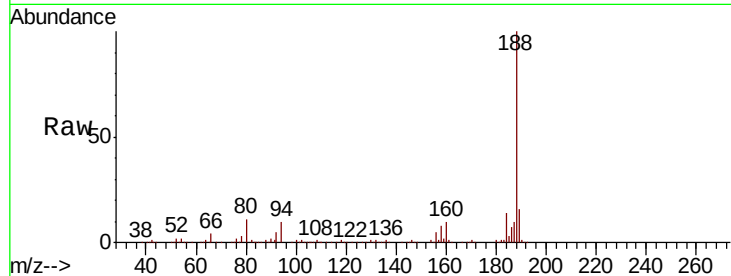




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF114621.D
 Acq: 25 May 2019 22:53

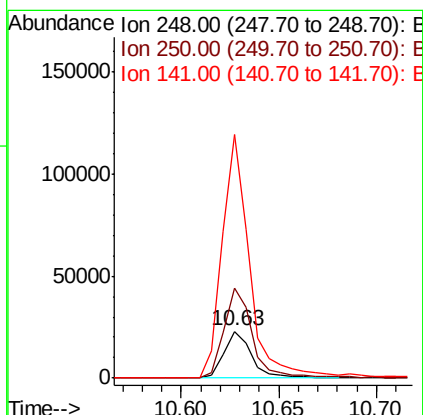
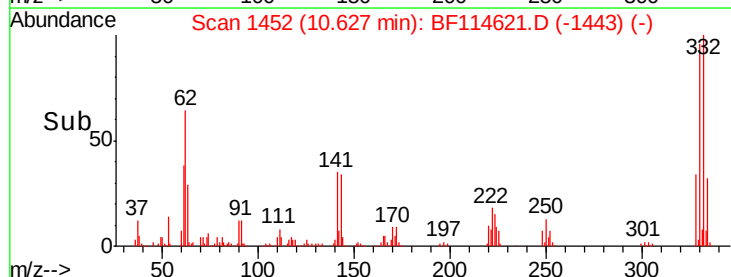
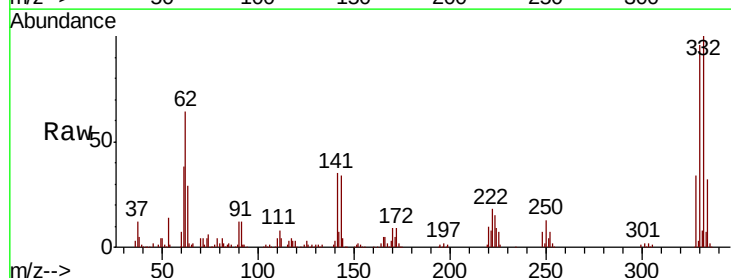
Instrument :
 BNA_F
 ClientSampleId :

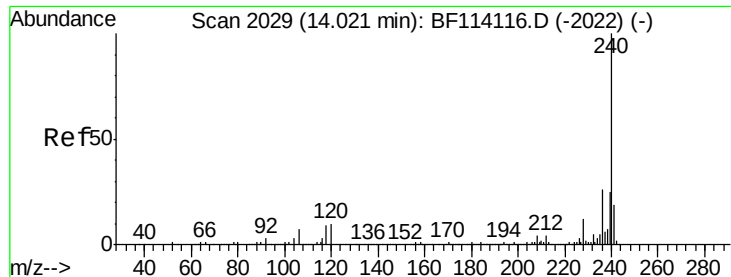
Tot Ion:188 Resp: 663953
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.4 12.6
 80 10.7 9.2 13.8



#67
 4-Bromophenyl-phenylether
 Concen: 3.088 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.25 min
 Lab File: BF114621.D
 Acq: 25 May 2019 22:53

Tgt Ion:248 Resp: 22575
 Ion Ratio Lower Upper
 248 100
 250 193.4 77.4 116.2#
 141 520.1 55.6 83.4#

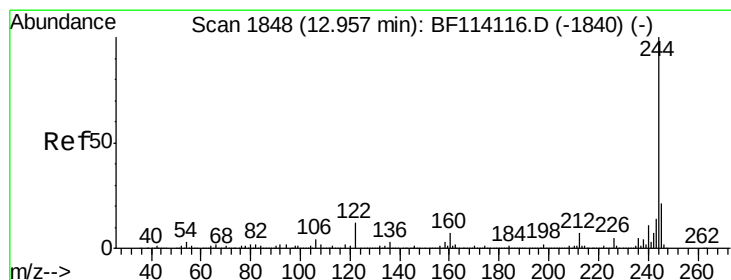
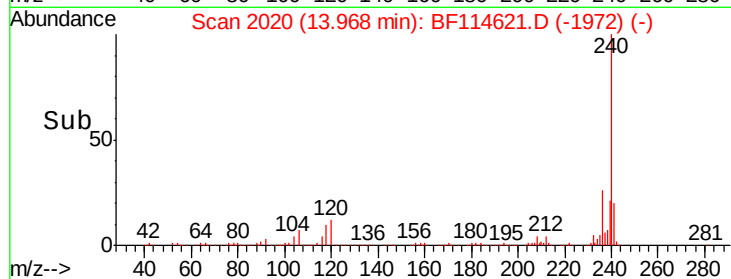
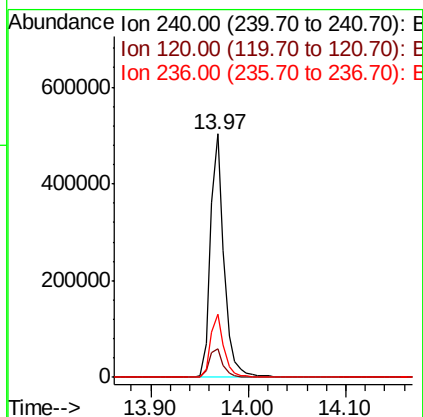
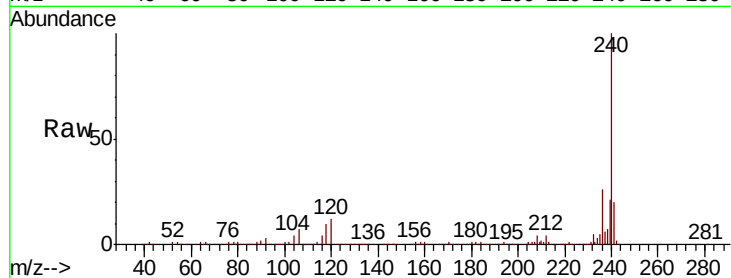




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.02 min
 Lab File: BF114621.D
 Acq: 25 May 2019 22:53

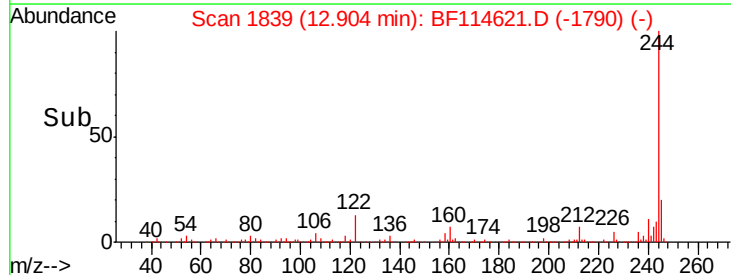
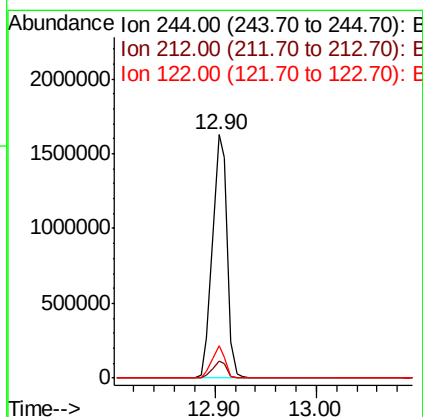
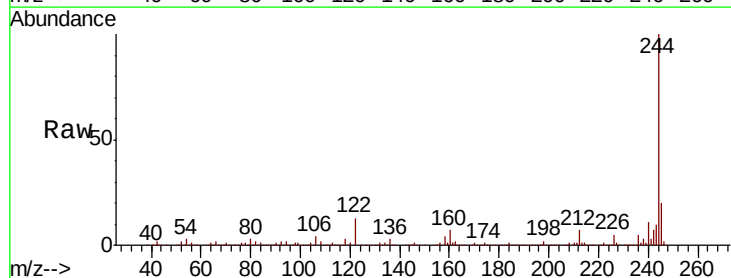
Instrument :
 BNA_F
 ClientSampleId :

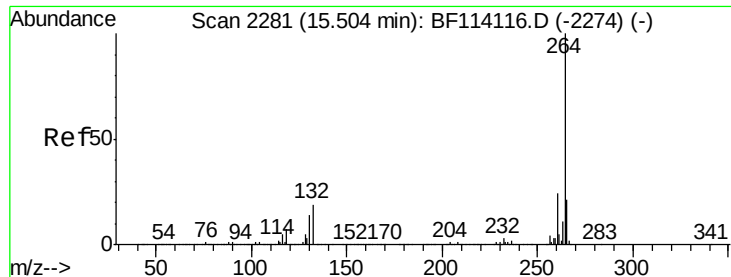
Tot Ion:240 Resp: 482129
 Ion Ratio Lower Upper
 240 100
 120 11.6 8.3 12.5
 236 26.1 20.8 31.2



#79
 Terphenyl-d14
 Concen: 69.949 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF114621.D
 Acq: 25 May 2019 22:53

Tgt Ion:244 Resp: 1635961
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 13.2 9.4 14.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.02 min
 Lab File: BF114621.D
 Acq: 25 May 2019 22:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.0
265	21.2	16.9	25.3

