

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
 Data File : BF116984.D
 Acq On : 12 Sep 2019 11:11
 Operator : HP/JU
 Sample : PB122948BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 12 14:26:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 08:24:39 2019
 Response via : Initial Calibration

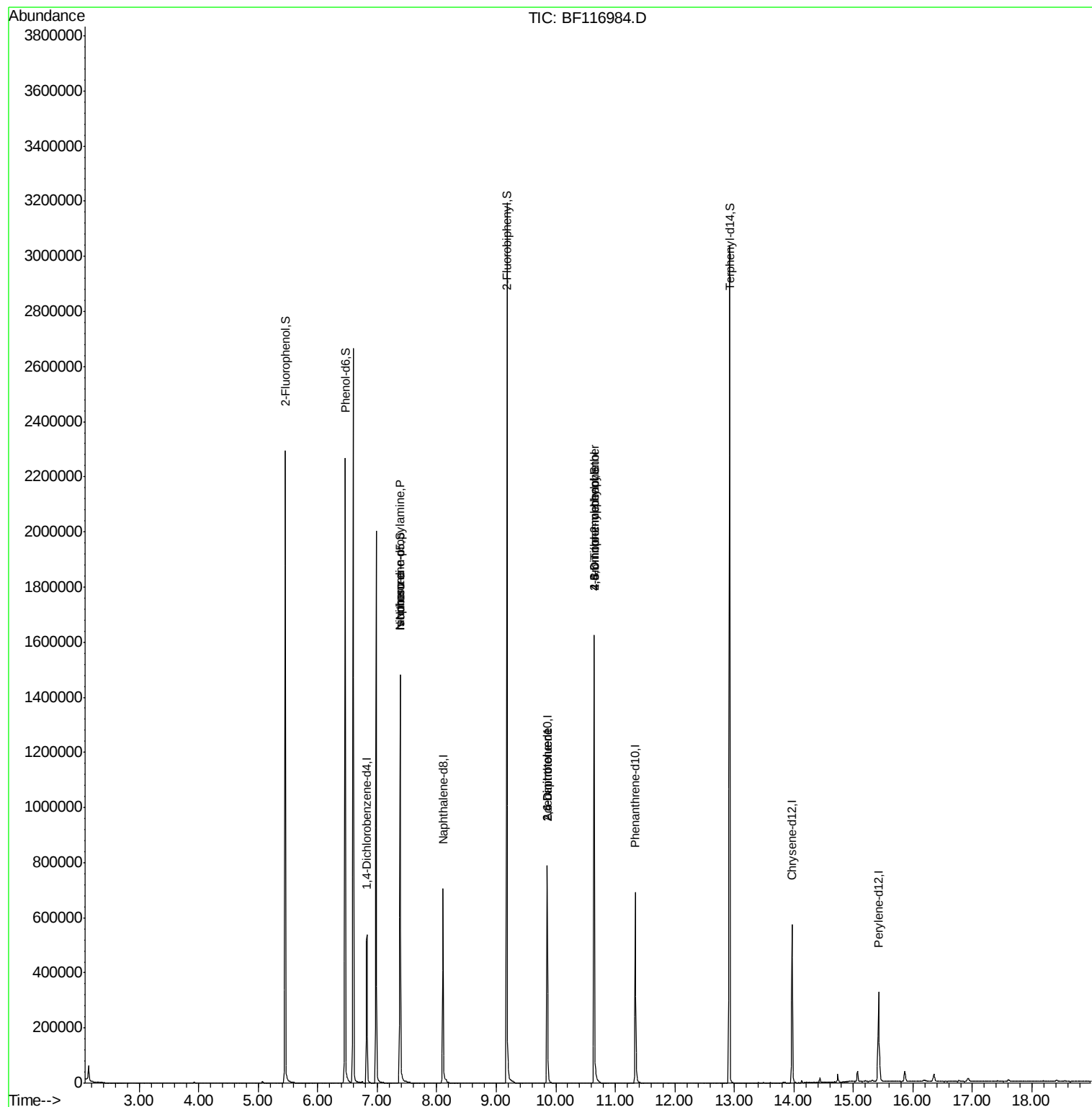
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	89842	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	354093	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	186736	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	308494	20.00	ng	0.00
76) Chrysene-d12	13.97	240	200898	20.00	ng	0.00
87) Perylene-d12	15.42	264	174031	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	679262	122.49	ng	0.02
7) Phenol-d6	6.46	99	903820	124.12	ng	0.00
23) Nitrobenzene-d5	7.39	82	572069	92.23	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	197331	158.07	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1018390	92.00	ng	0.00
79) Terphenyl-d14	12.92	244	968536	89.19	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	75925	15.835	ng	# 77
25) Isophorone	7.39	82	572065	45.515	ng	# 66
51) 2,6-Dinitrotoluene	9.86	165	22615	9.194	ng	# 27
57) 2,4-Dinitrotoluene	9.86	165	22615	7.519	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.64	198	423	7.766	ng	# 1
67) 4-Bromophenyl-phenylether	10.65	248	12937	4.128	ng	# 1

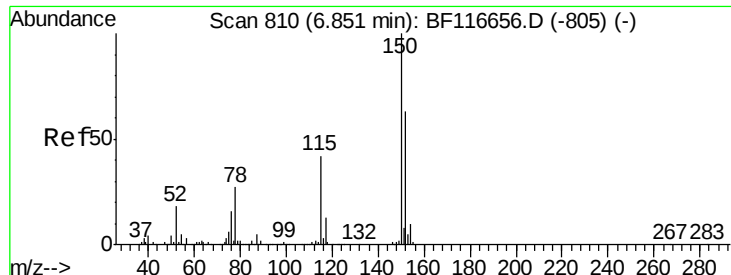
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF116984.D
Acq On : 12 Sep 2019 11:11
Operator : HP/JU
Sample : PB122948BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 12 14:26:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 08:24:39 2019
Response via : Initial Calibration



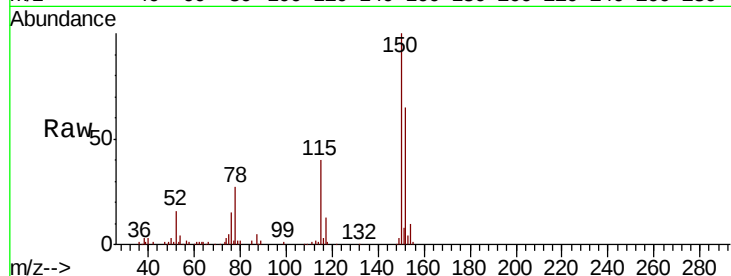


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF116984.D
Acq: 12 Sep 2019 11:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.2	189.2
115	62.1	50.2	75.2

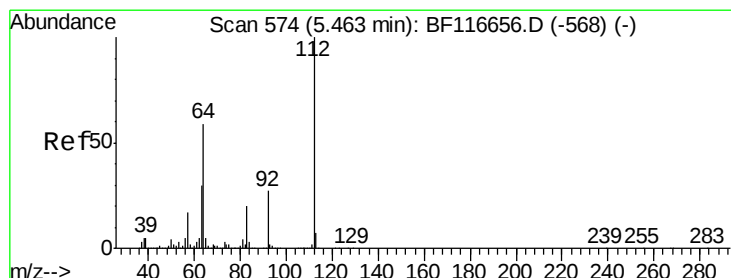
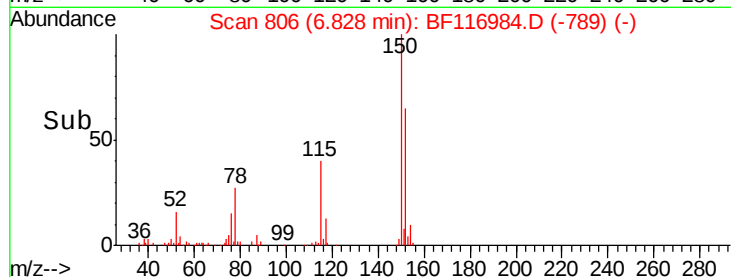
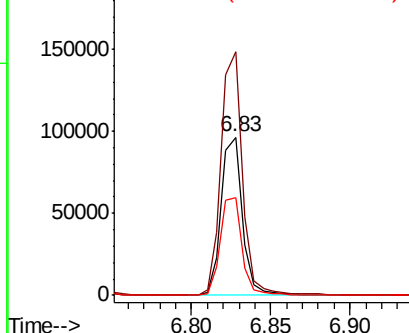


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

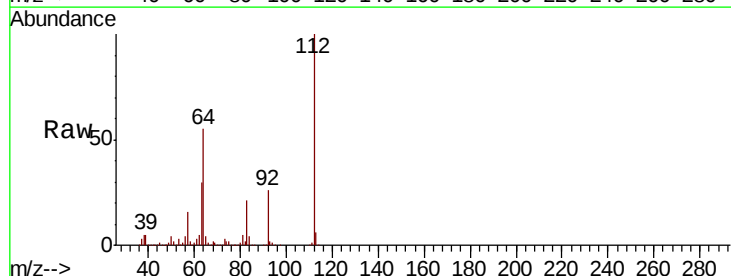
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 122.486 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF116984.D
Acq: 12 Sep 2019 11:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	47.1	70.7
63	29.7	25.4	38.0

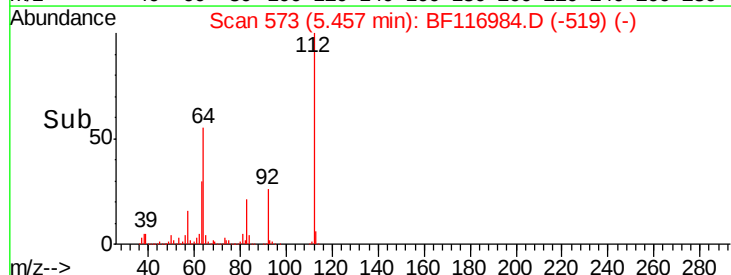
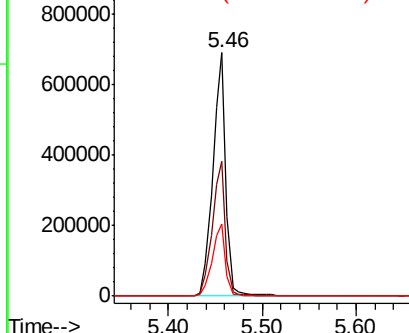


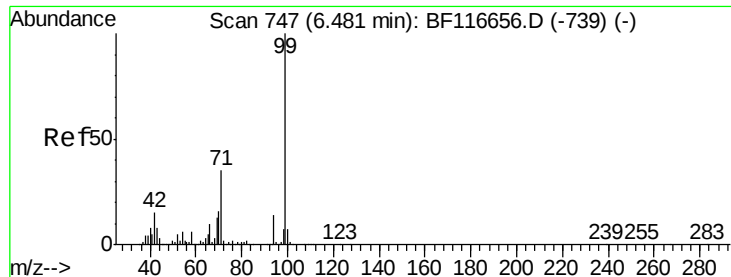
Abundance

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: 124.117 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF116984.D

Acq: 12 Sep 2019 11:11

Instrument :

BNA_F

ClientSampled :

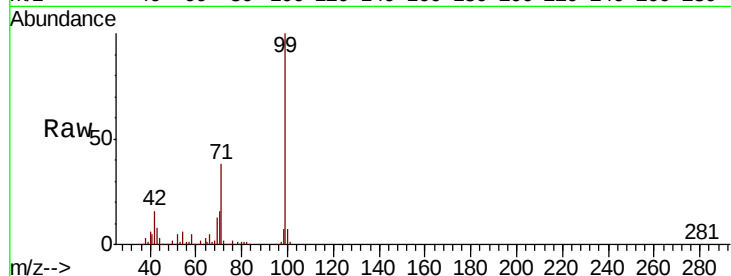
Tot Ion: 99 Resp: 903820

Ion Ratio Lower Upper

99 100

42 15.6 12.0 18.0

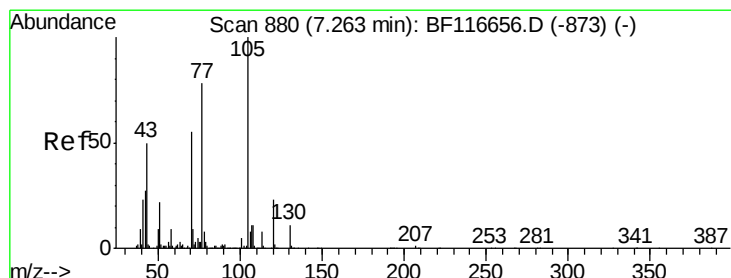
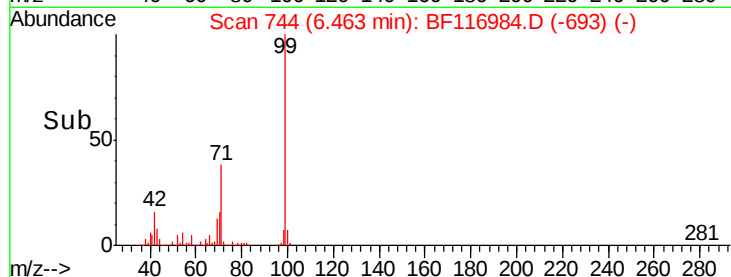
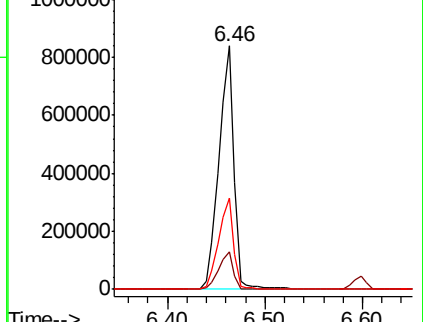
71 37.5 29.7 44.5



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: 15.835 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.15 min

Lab File: BF116984.D

Acq: 12 Sep 2019 11:11

Tgt Ion: 70 Resp: 75925

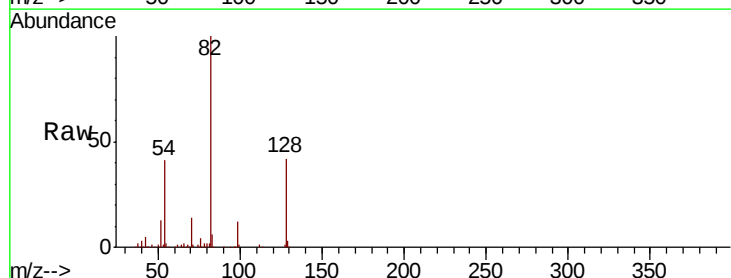
Ion Ratio Lower Upper

70 100

42 36.2 37.0 55.4#

101 0.0 7.4 11.2#

130 1.9 16.0 24.0#

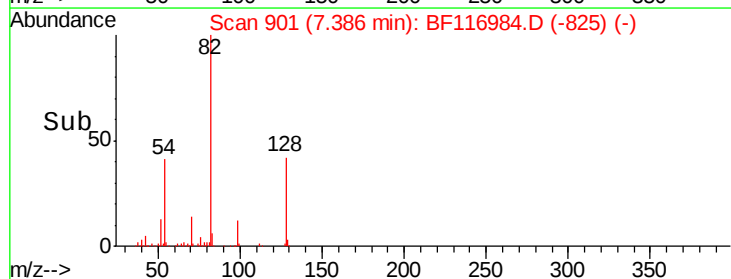
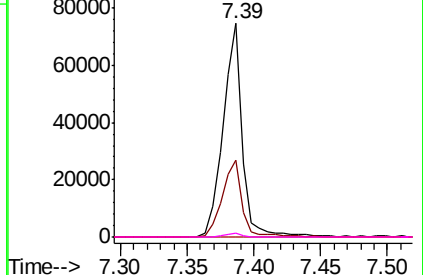


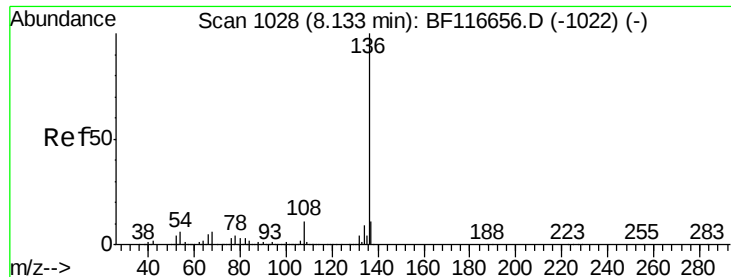
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

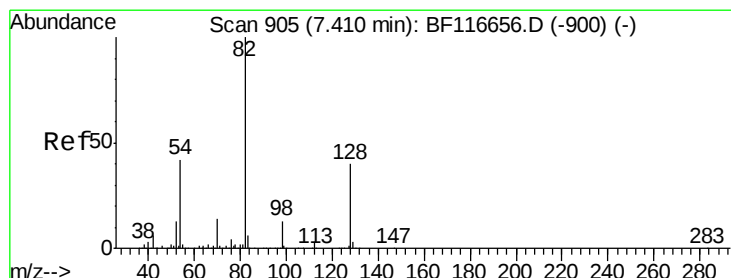
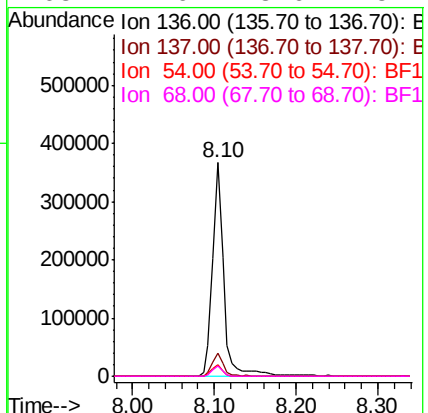
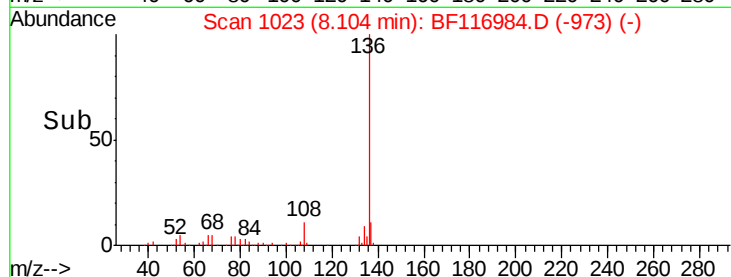
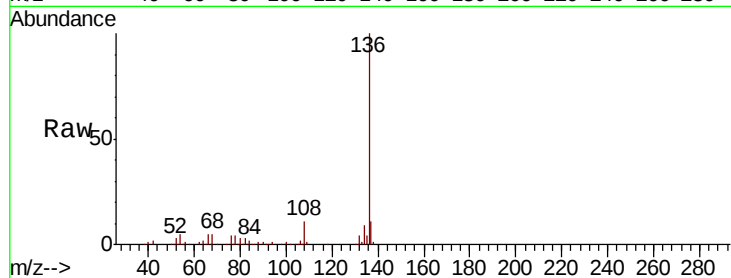




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF116984.D
Acq: 12 Sep 2019 11:11

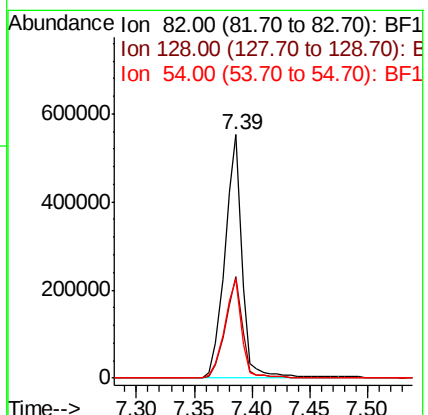
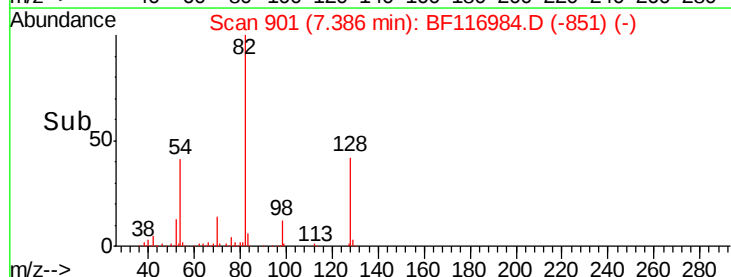
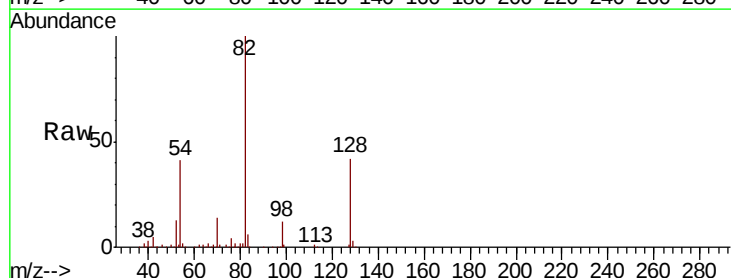
Instrument :
BNA_F
ClientSampleId :

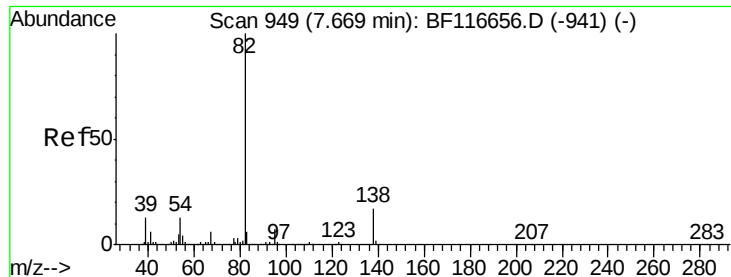
Tot Ion:136	Resp:	354093
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	5.1	3.8 5.8
68	4.6	3.6 5.4



#23
Nitrobenzene-d5
Concen: 92.230 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF116984.D
Acq: 12 Sep 2019 11:11

Tgt Ion: 82	Resp:	572069
Ion Ratio	Lower	Upper
82	100	
128	41.5	35.0 52.4
54	40.6	32.6 48.8





#25

Isophorone

Concen: 45.515 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.26 min

Lab File: BF116984.D

Acq: 12 Sep 2019 11:11

Instrument :

BNA_F

ClientSampleId :

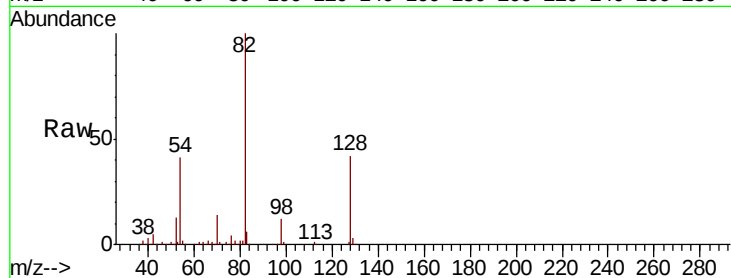
Tot Ion: 82 Resp: 572065

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

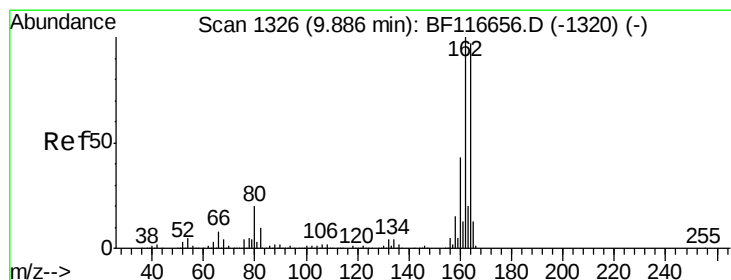
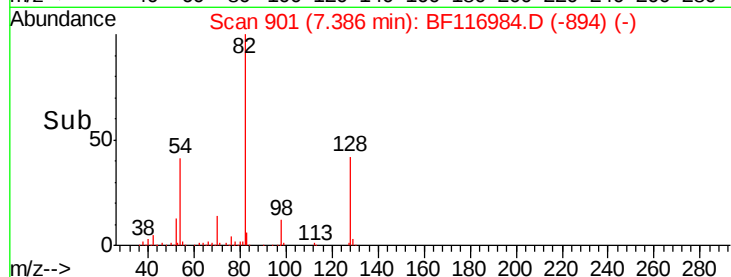
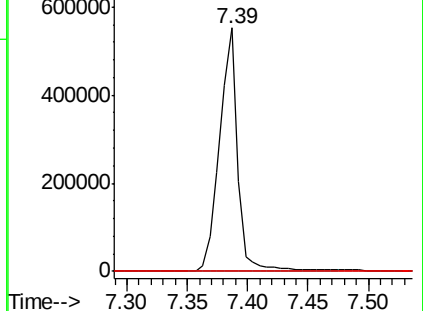
138 0.0 13.4 20.2#



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: 9.86 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF116984.D

Acq: 12 Sep 2019 11:11

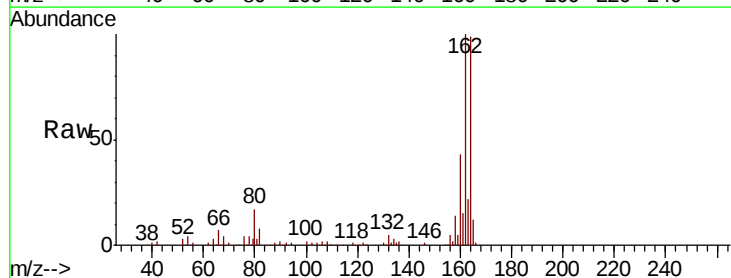
Tgt Ion: 164 Resp: 186736

Ion Ratio Lower Upper

164 100

162 101.0 81.8 122.6

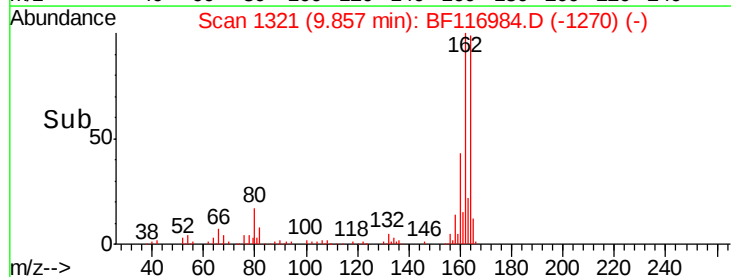
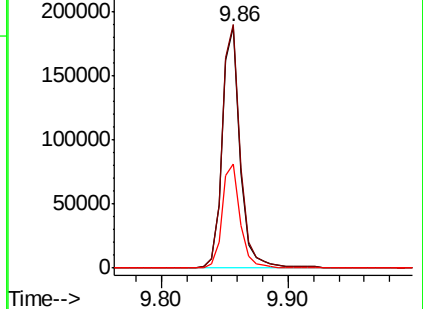
160 43.0 35.7 53.5

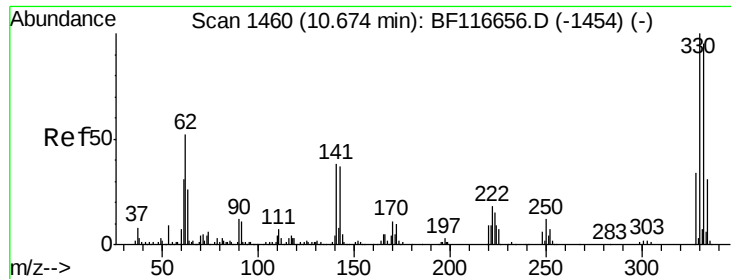


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 158.071 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF116984.D

Acq: 12 Sep 2019 11:11

Instrument :

BNA_F

ClientSampled :

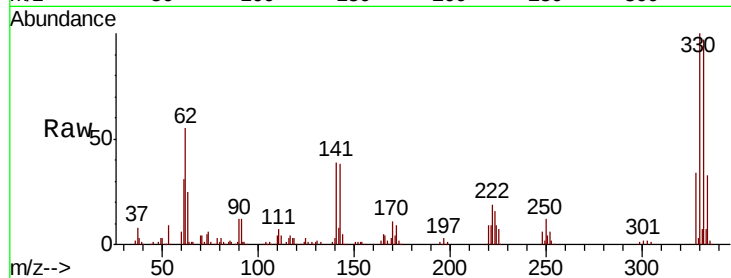
Tot Ion:330 Resp: 197331

Ion Ratio Lower Upper

330 100

332 96.9 75.9 113.9

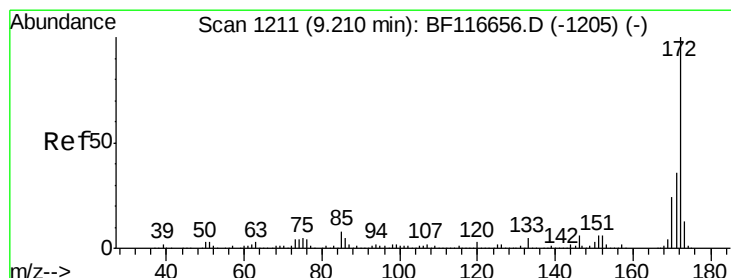
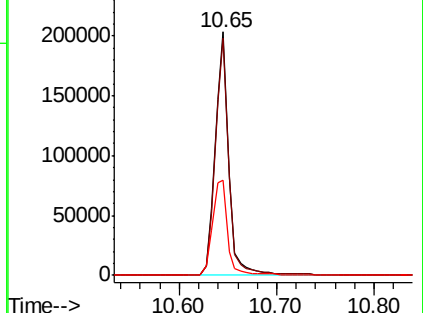
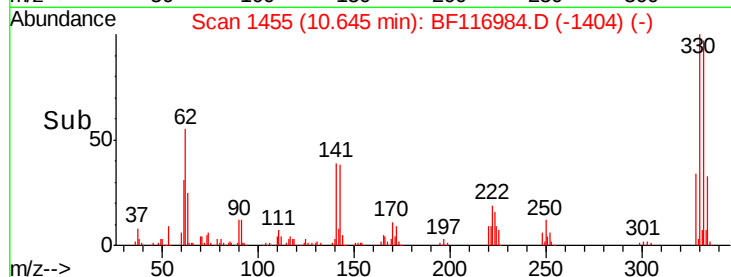
141 44.1 35.6 53.4



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: 91.997 ng

RT: 9.18 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BF116984.D

Acq: 12 Sep 2019 11:11

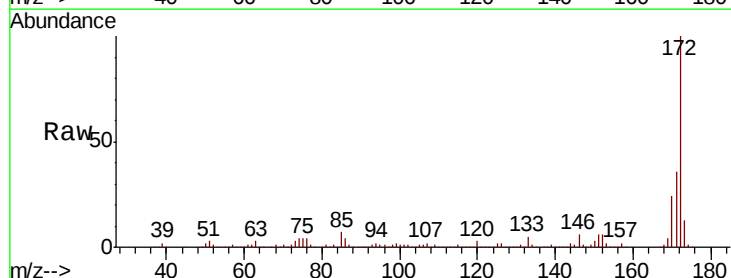
Tgt Ion:172 Resp: 1018390

Ion Ratio Lower Upper

172 100

171 36.0 29.1 43.7

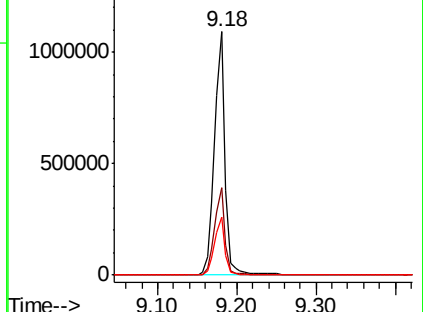
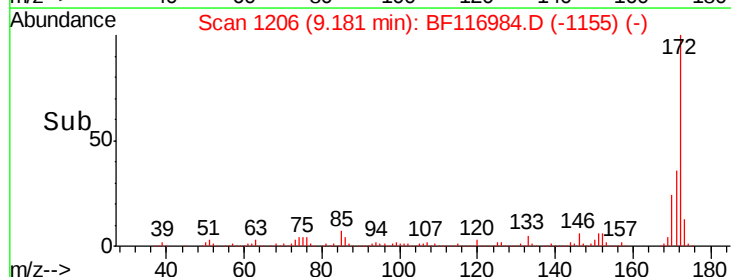
170 24.0 19.2 28.8

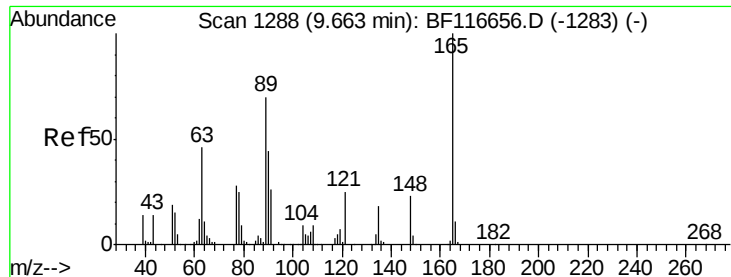


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

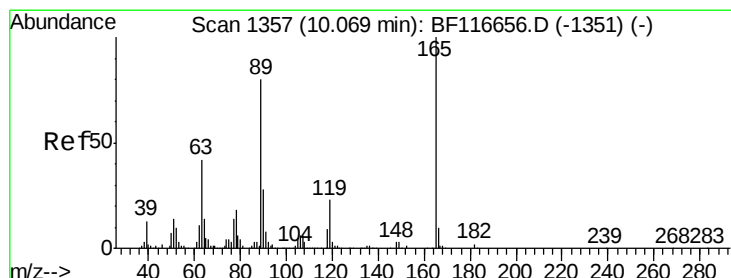
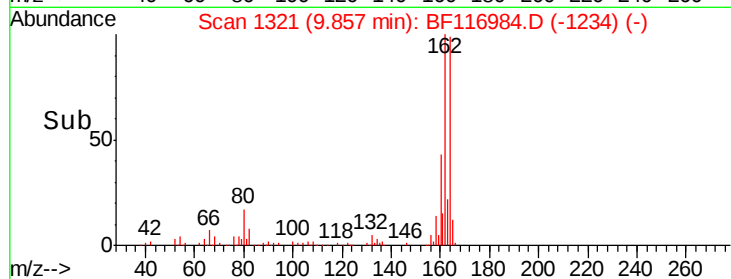
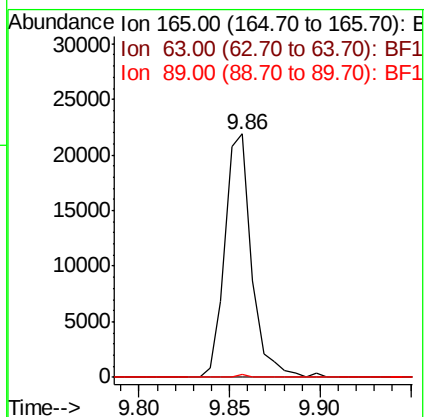
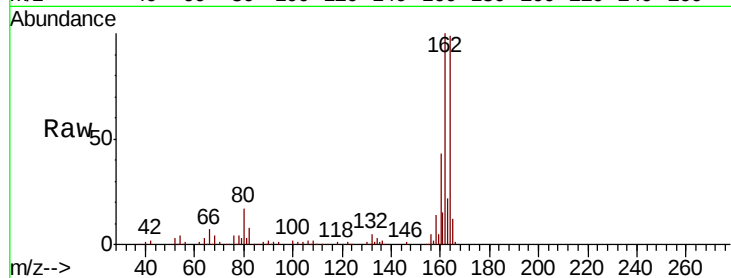




#51
 2,6-Dinitrotoluene
 Concen: 9.194 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.21 min
 Lab File: BF116984.D
 Acq: 12 Sep 2019 11:11

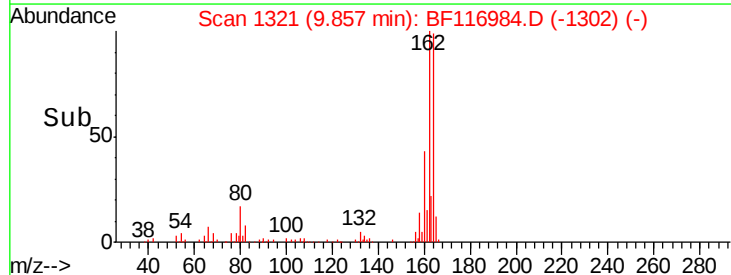
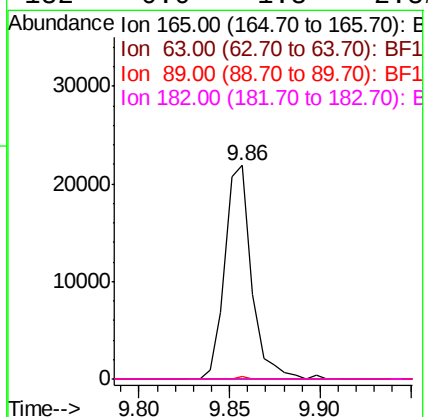
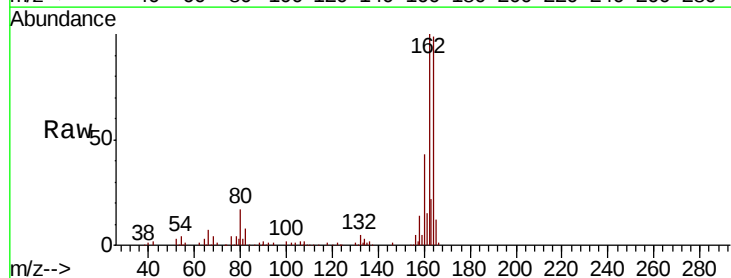
Instrument :
 BNA_F
 ClientSampleId :

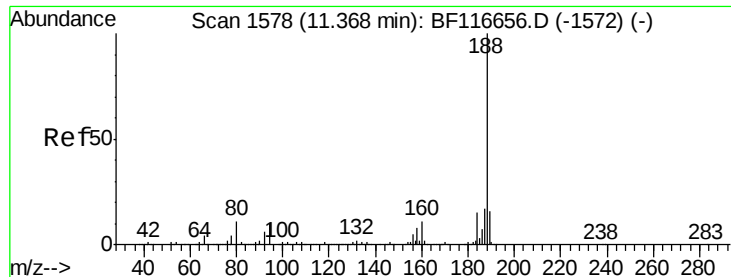
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.0	57.0#
89	1.4	44.1	66.1#



#57
 2,4-Dinitrotoluene
 Concen: 7.519 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.19 min
 Lab File: BF116984.D
 Acq: 12 Sep 2019 11:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.2	54.2#
89	1.4	66.1	99.1#
182	0.0	1.8	2.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF116984.D

Acq: 12 Sep 2019 11:11

Instrument :

BNA_F

ClientSampleId :

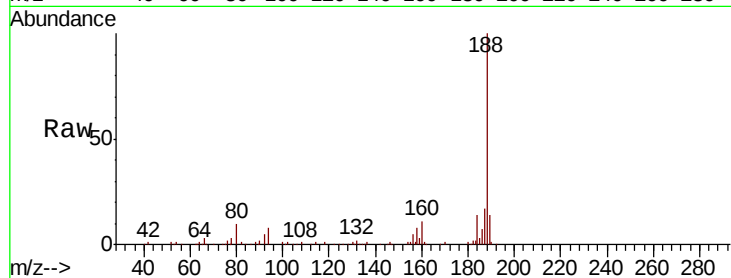
Tot Ion:188 Resp: 308494

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.2

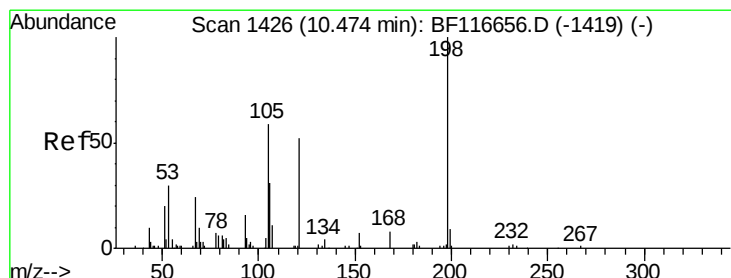
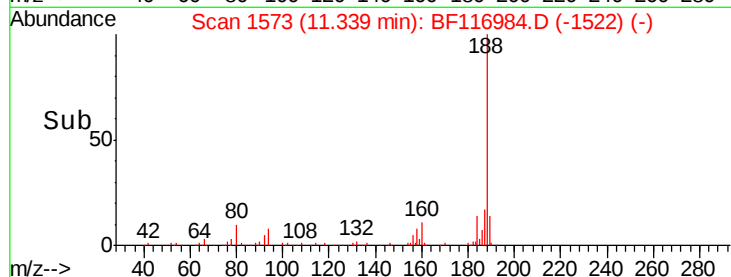
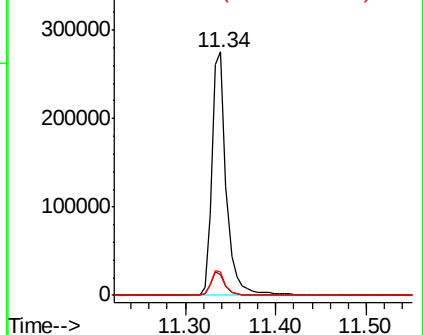
80 9.5 8.5 12.7



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



#65

4,6-Dinitro-2-methylphenol

Concen: 7.766 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.18 min

Lab File: BF116984.D

Acq: 12 Sep 2019 11:11

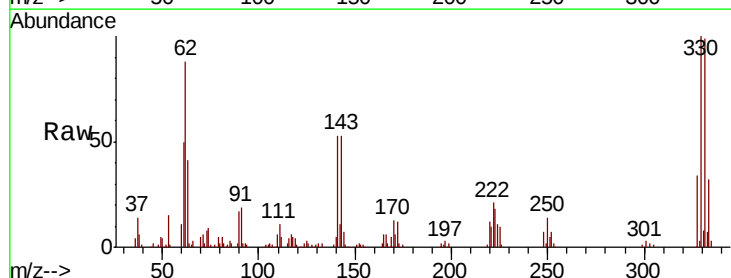
Tgt Ion:198 Resp: 423

Ion Ratio Lower Upper

198 100

51 150.2 26.3 66.3#

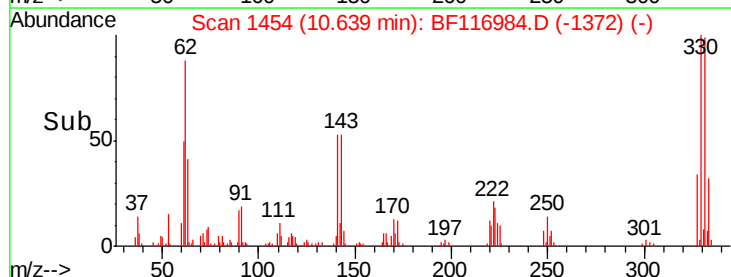
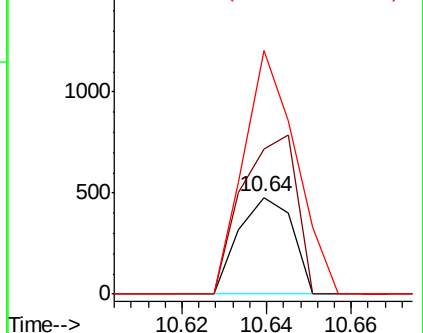
105 251.9 40.0 80.0#

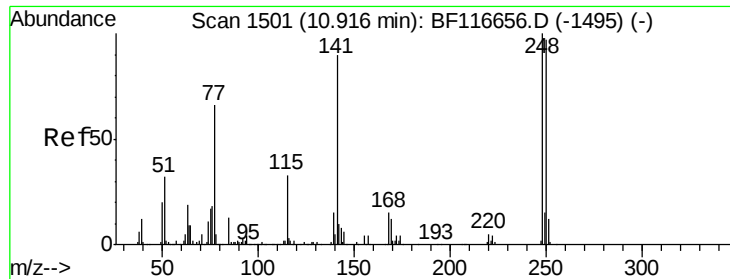


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

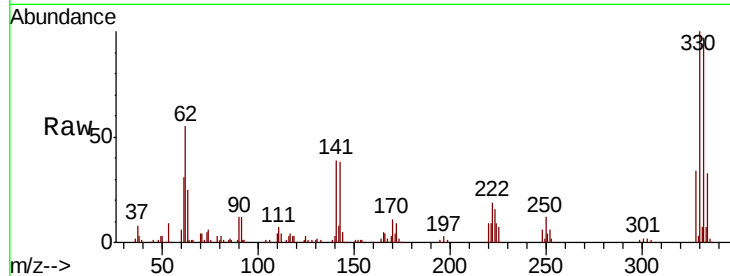




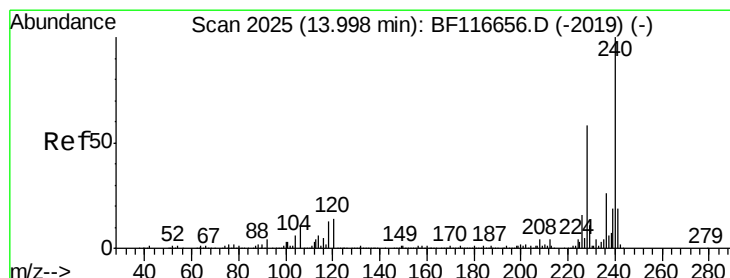
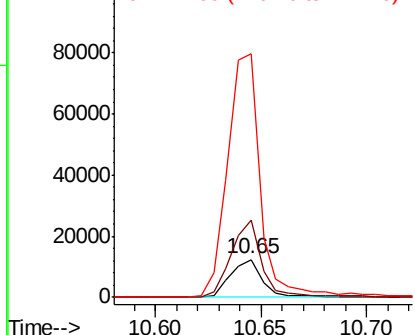
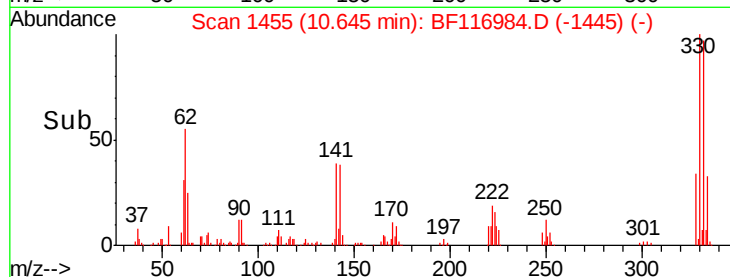
#67
4-Bromophenyl-phenylether
Concen: 4.128 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.24 min
Lab File: BF116984.D
Acq: 12 Sep 2019 11:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 12937
Ion Ratio Lower Upper
248 100
250 203.3 77.0 115.4#
141 638.2 70.2 105.2#

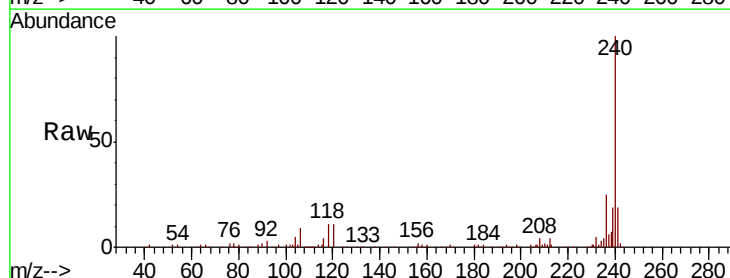


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

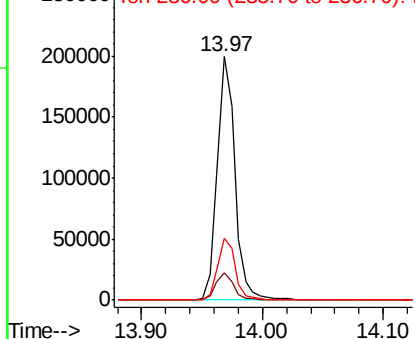
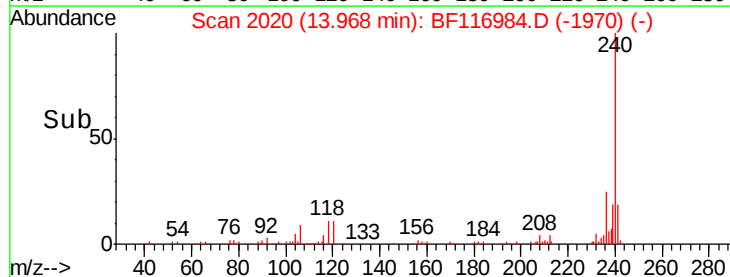


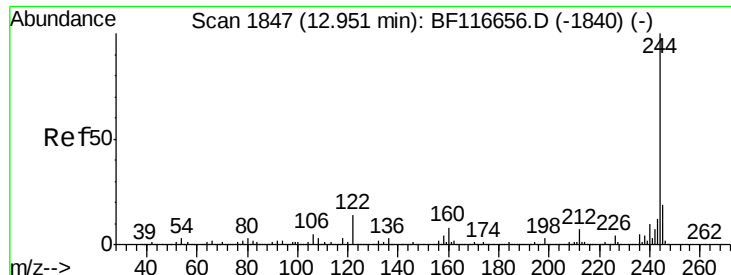
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF116984.D
Acq: 12 Sep 2019 11:11

Tgt Ion:240 Resp: 200898
Ion Ratio Lower Upper
240 100
120 11.2 9.1 13.7
236 25.3 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

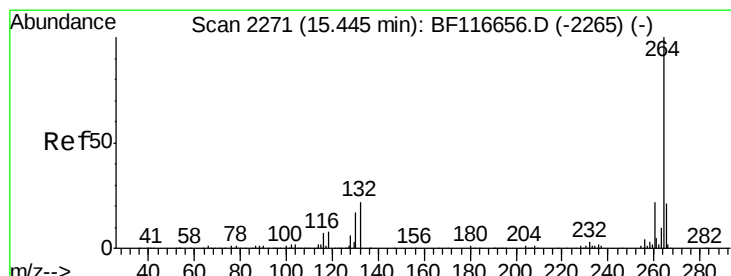
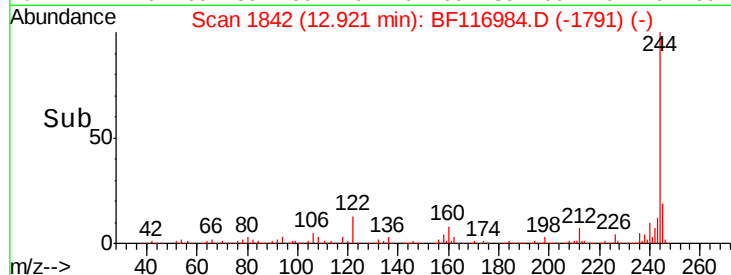
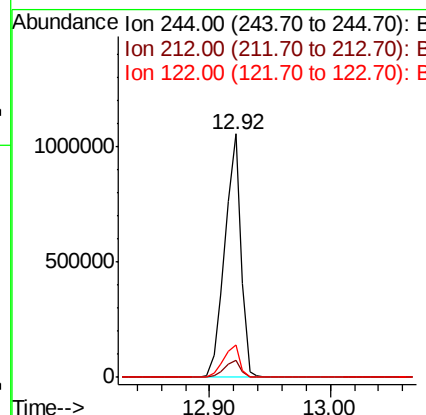
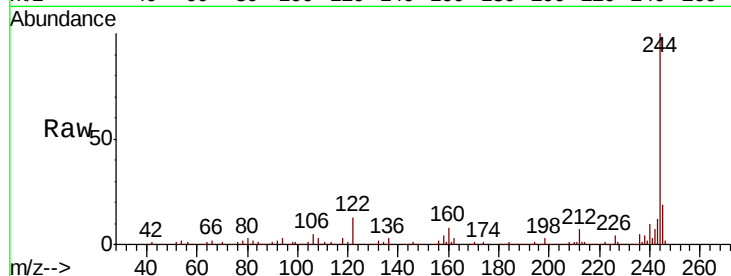




#79
 Terphenyl-d14
 Concen: 89.186 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF116984.D
 Acq: 12 Sep 2019 11:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 968536
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 13.1 11.5 17.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. 0.01 min
 Lab File: BF116984.D
 Acq: 12 Sep 2019 11:11

Tgt Ion:264 Resp: 174031
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.0 28.4
 265 21.0 17.9 26.9

