

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
 Data File : BF118401.D
 Acq On : 31 Dec 2019 13:10
 Operator : JU
 Sample : PB125809BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 31 17:48:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

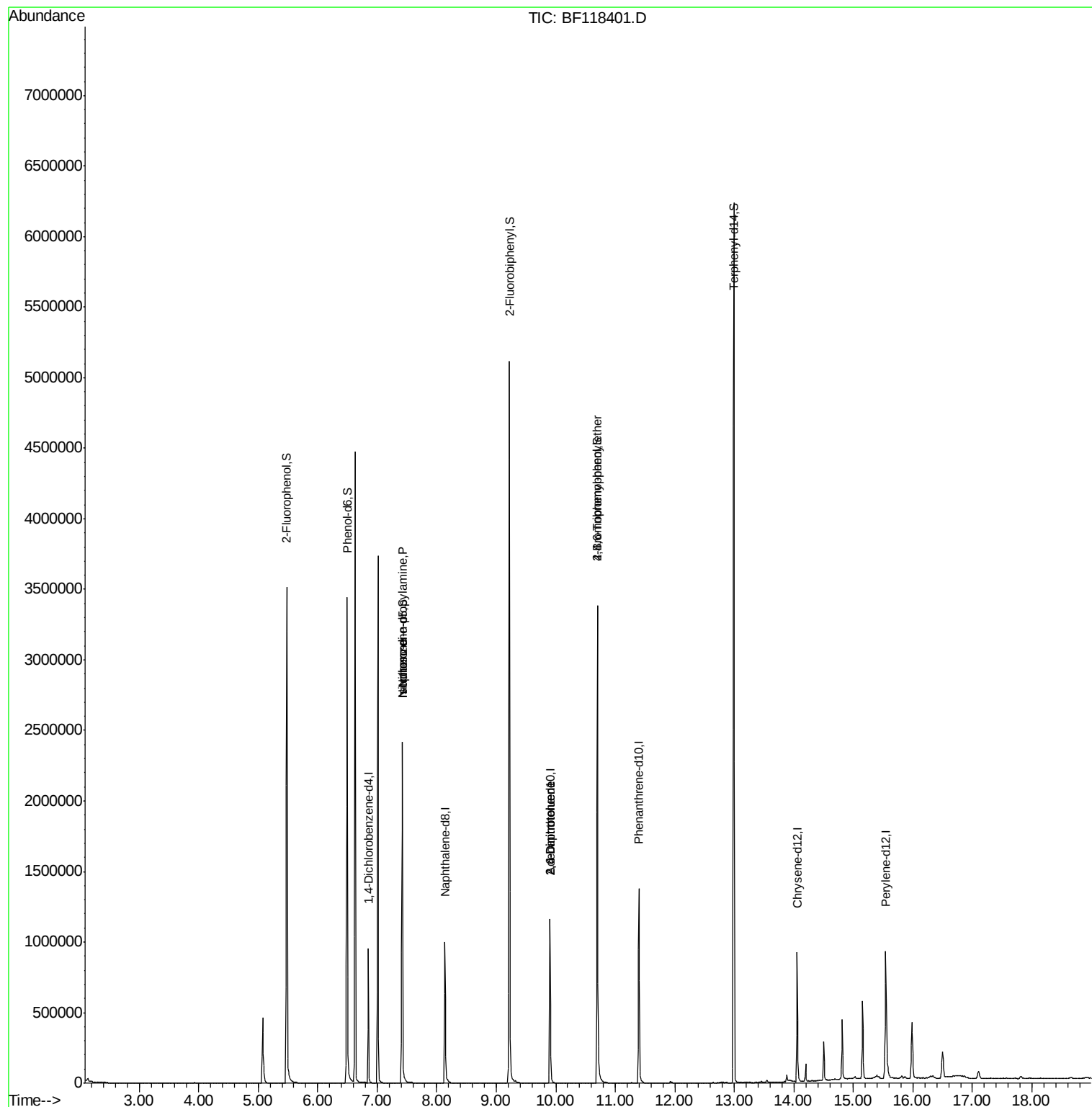
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	140660	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	541598	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	296779	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	564871	20.00	ng	0.00
76) Chrysene-d12	14.06	240	361158	20.00	ng	0.00
87) Perylene-d12	15.55	264	301793	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1175628	142.67	ng	0.02
7) Phenol-d6	6.50	99	1425700	139.47	ng	0.01
23) Nitrobenzene-d5	7.42	82	874384	92.34	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	515802	140.74	ng	0.01
45) 2-Fluorobiphenyl	9.22	172	1795847	92.37	ng	0.00
79) Terphenyl-d14	12.99	244	2211520	101.59	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	119269	18.940	ng	# 78
25) Isophorone	7.42	82	874491	52.990	ng	# 62
51) 2,6-Dinitrotoluene	9.90	165	36301	7.558	ng	# 26
57) 2,4-Dinitrotoluene	9.90	165	36301	5.656	ng	# 29
67) 4-Bromophenyl-phenylether	10.70	248	32095	4.855	ng	# 1

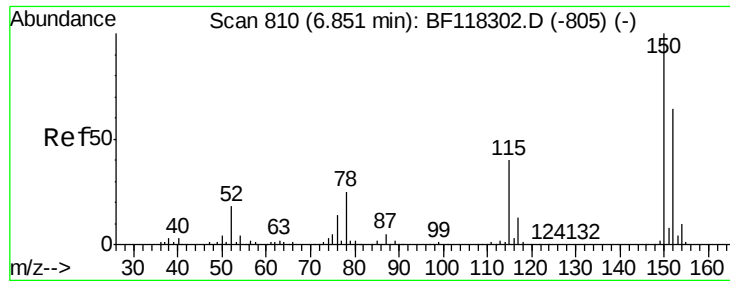
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 24 15:58:52 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF118401.D

Acq: 31 Dec 2019 13:10

Instrument :

BNA_F

ClientSampleId :

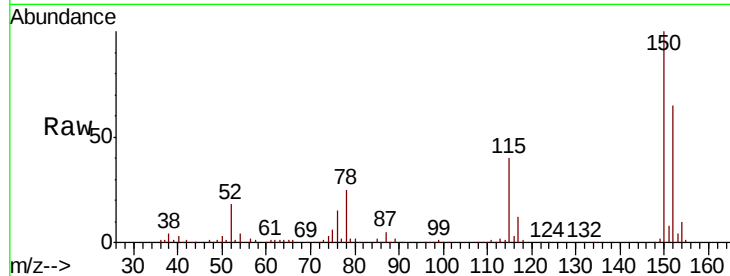
Tot Ion:152 Resp: 140660

Ion Ratio Lower Upper

152 100

150 154.8 125.4 188.2

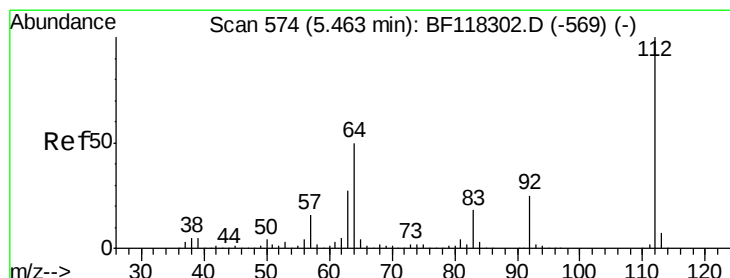
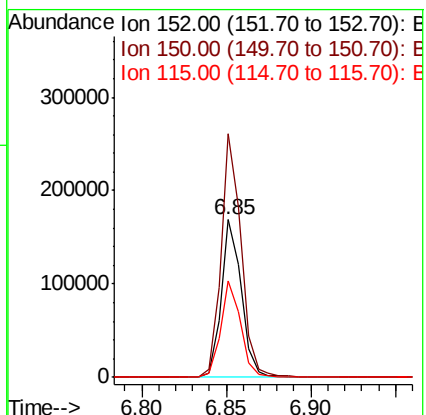
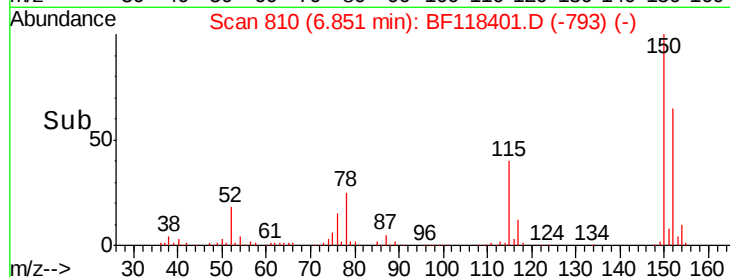
115 61.3 50.2 75.4



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: 142.669 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.02 min

Lab File: BF118401.D

Acq: 31 Dec 2019 13:10

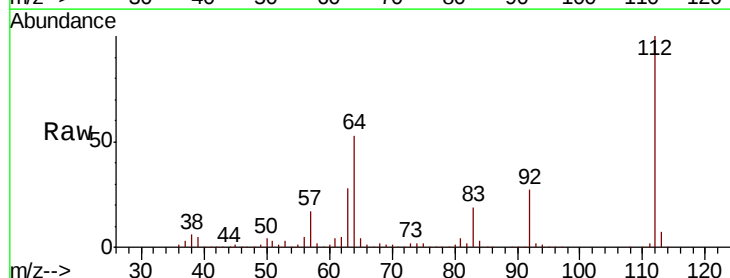
Tgt Ion:112 Resp: 1175628

Ion Ratio Lower Upper

112 100

64 52.7 39.7 59.5

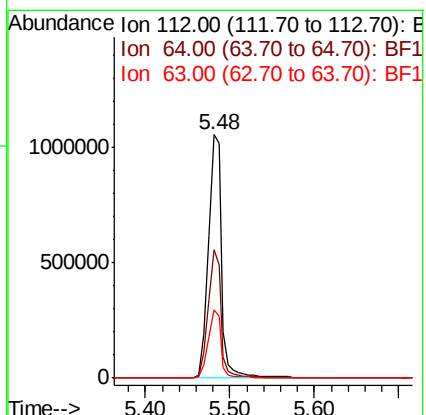
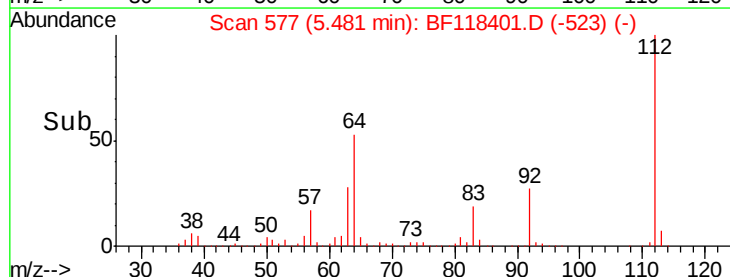
63 28.2 21.7 32.5

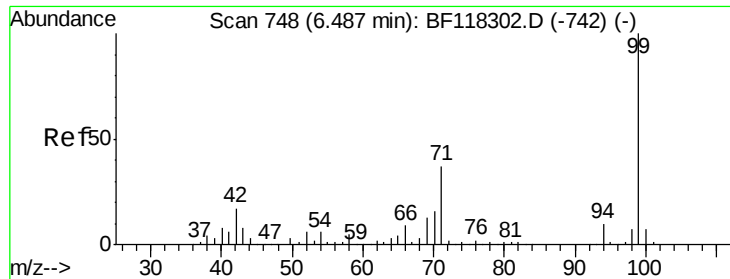


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 139.471 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118401.D

Acq: 31 Dec 2019 13:10

Instrument :

BNA_F

ClientSampleId :

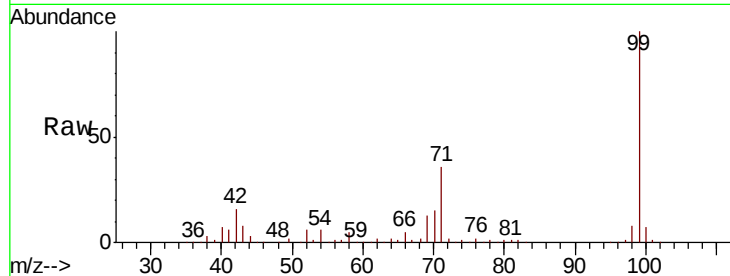
Tot Ion: 99 Resp: 1425700

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

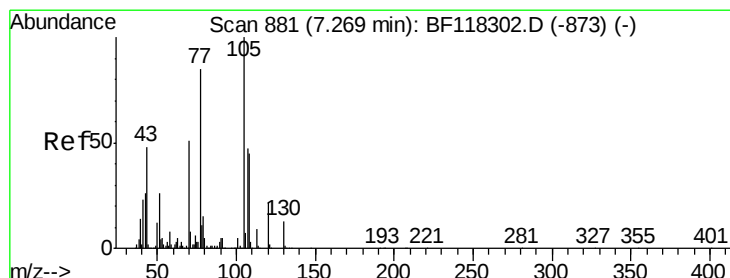
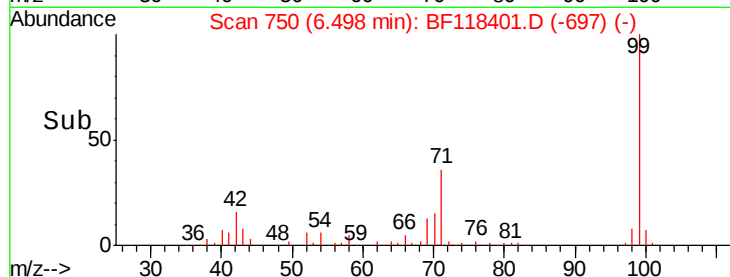
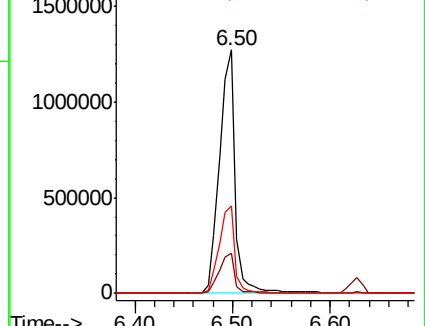
71 36.0 29.4 44.2



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: 18.940 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF118401.D

Acq: 31 Dec 2019 13:10

Tgt Ion: 70 Resp: 119269

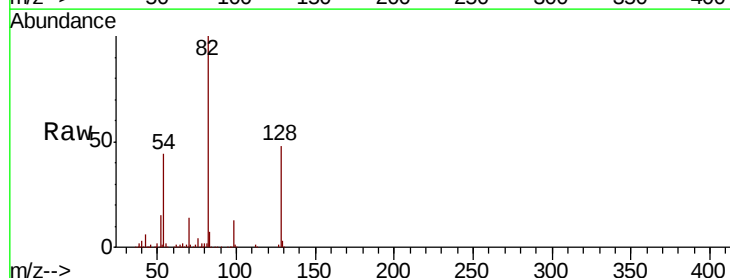
Ion Ratio Lower Upper

70 100

42 44.8 41.1 61.7

101 0.0 8.3 12.5#

130 2.3 20.1 30.1#

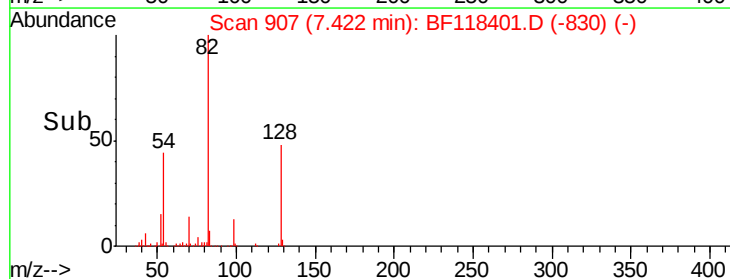
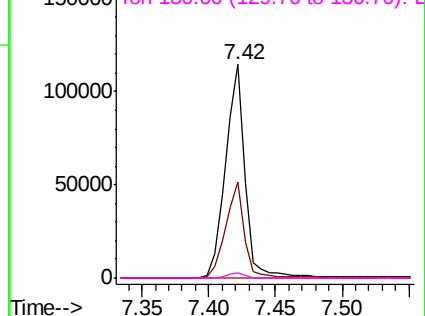


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

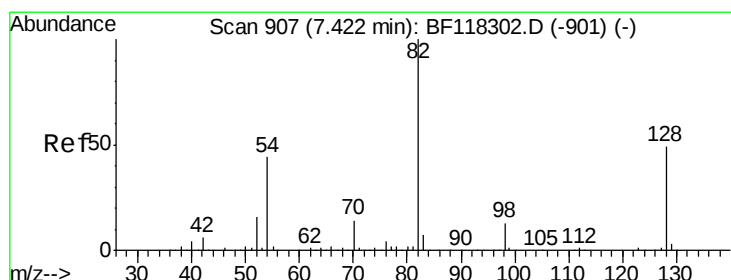
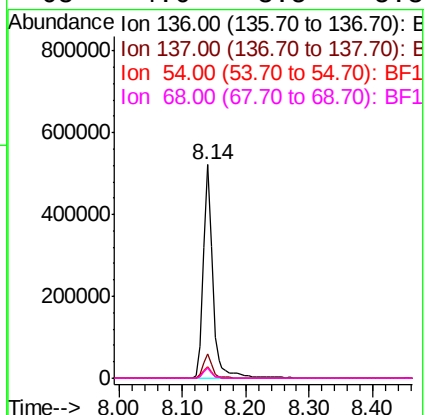
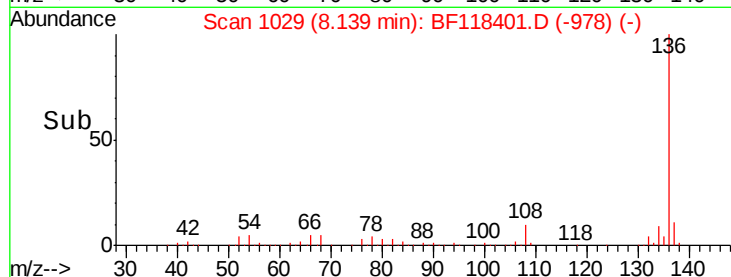
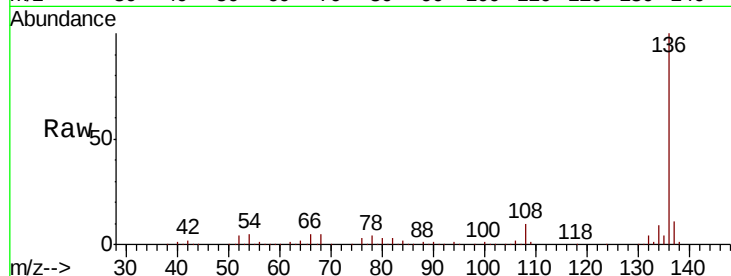




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF118401.D
Acq: 31 Dec 2019 13:10

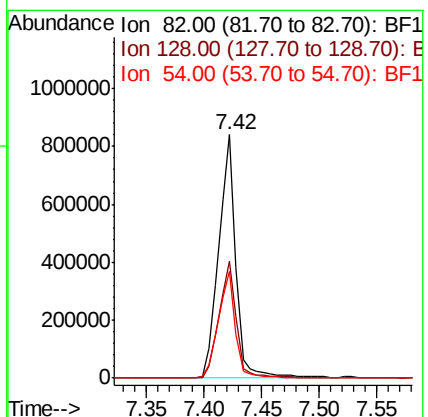
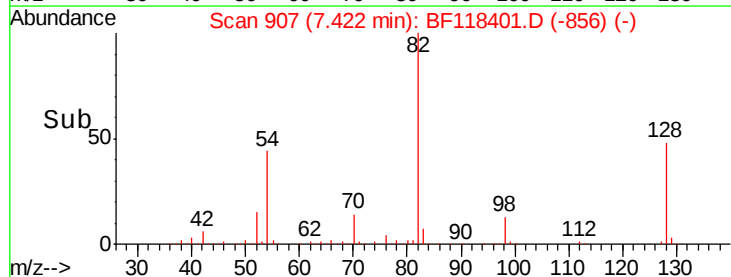
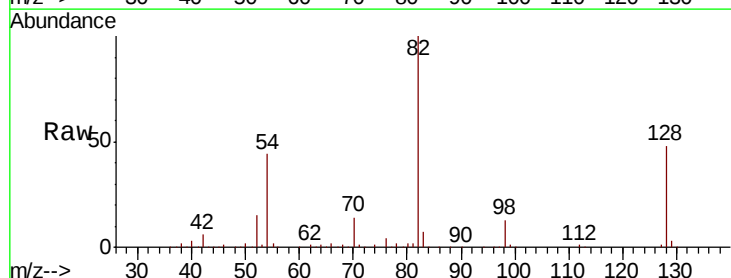
Instrument :
BNA_F
ClientSampleId :

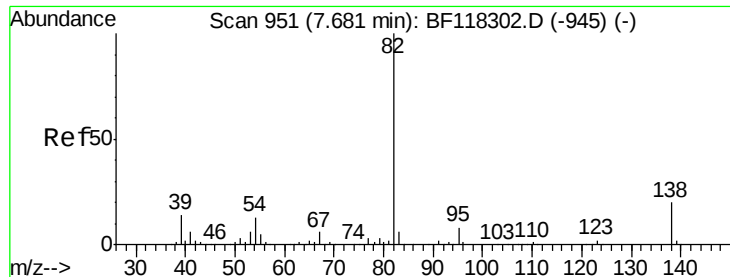
Tot Ion:	136	Resp:	541598
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	5.4	4.2	6.4
68	4.6	3.5	5.3



#23
Nitrobenzene-d5
Concen: 92.338 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF118401.D
Acq: 31 Dec 2019 13:10

Tgt Ion:	82	Resp:	874384
Ion	Ratio	Lower	Upper
82	100		
128	48.1	39.6	59.4
54	43.8	34.9	52.3

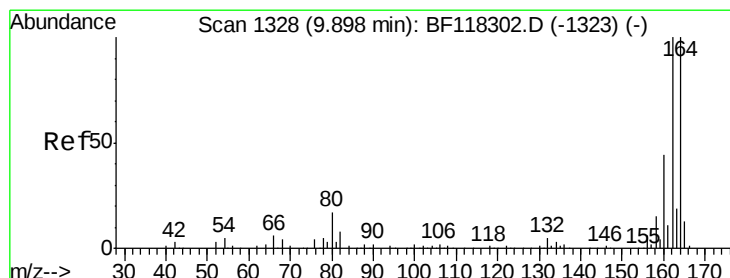
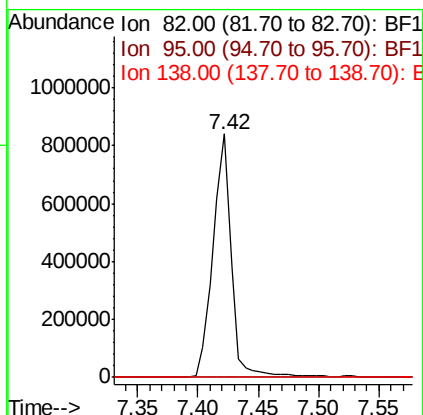
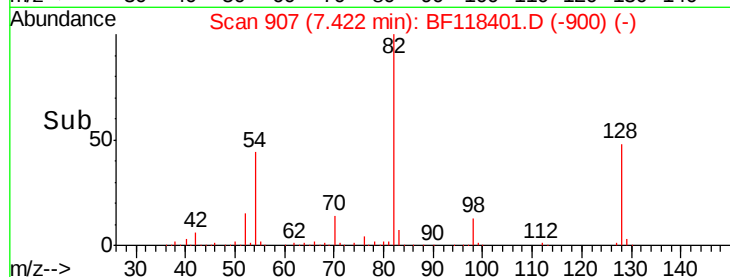
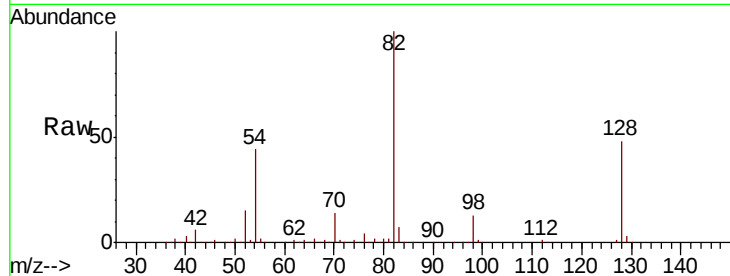




#25
Isophorone
Concen: 52.990 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.26 min
Lab File: BF118401.D
Acq: 31 Dec 2019 13:10

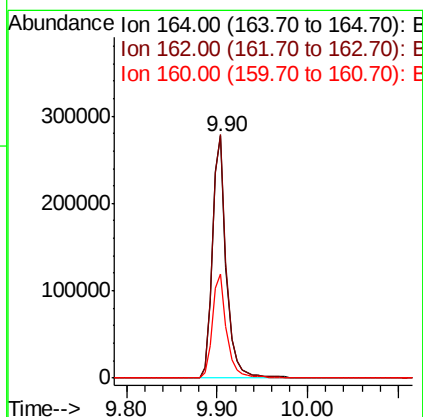
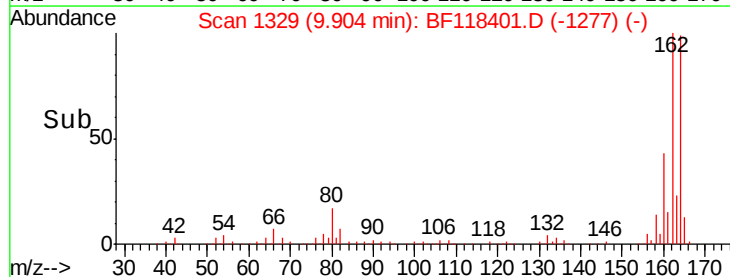
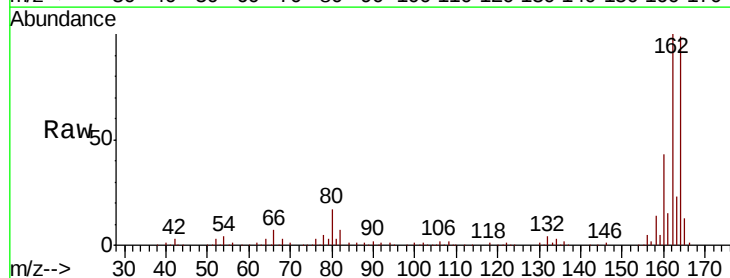
Instrument :
BNA_F
ClientSampleId :

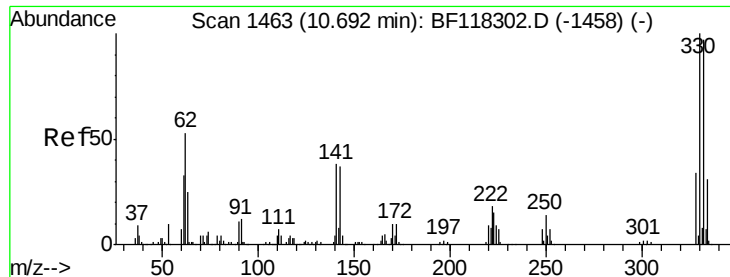
Tot Ion: 82 Resp: 874491
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 16.2 24.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF118401.D
Acq: 31 Dec 2019 13:10

Tgt Ion: 164 Resp: 296779
Ion Ratio Lower Upper
164 100
162 100.7 80.0 120.0
160 43.2 34.8 52.2

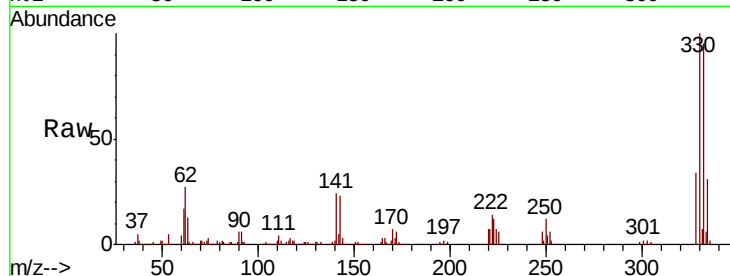




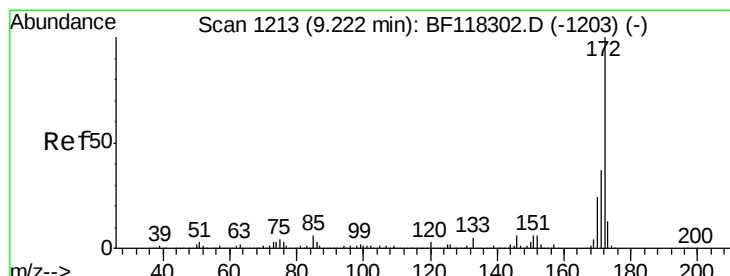
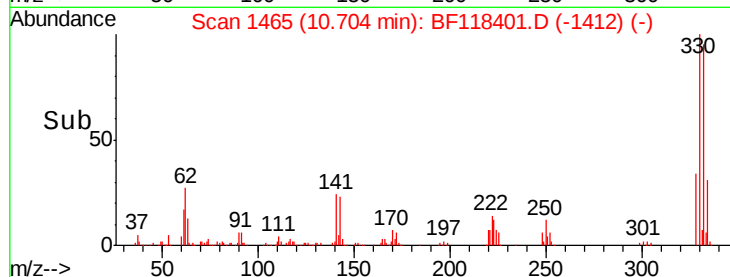
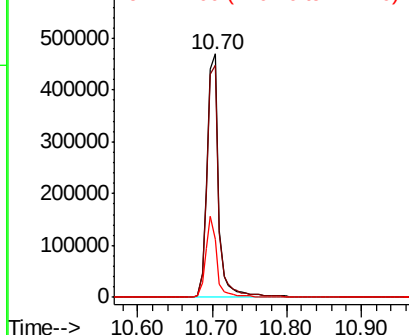
#42
 2,4,6-Tribromophenol
 Concen: 140.737 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.01 min
 Lab File: BF118401.D
 Acq: 31 Dec 2019 13:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 515802
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 31.5 26.0 39.0

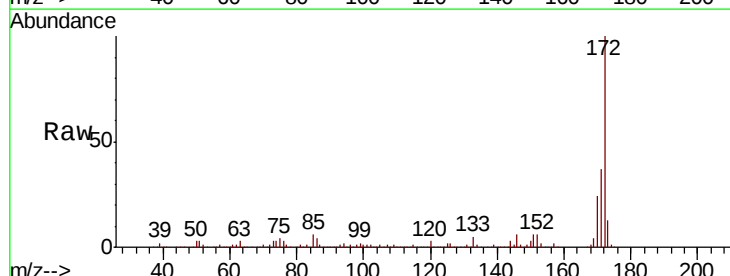


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

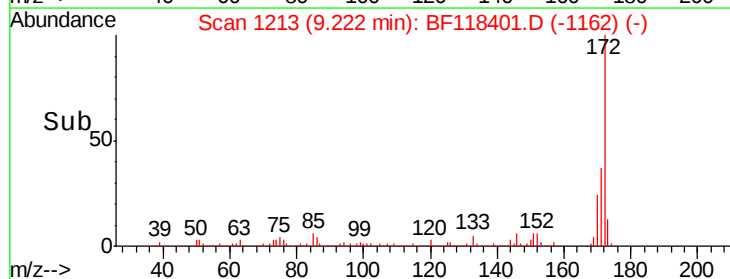
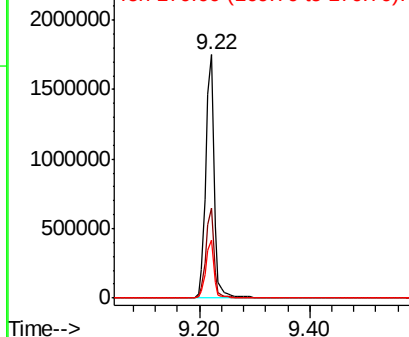


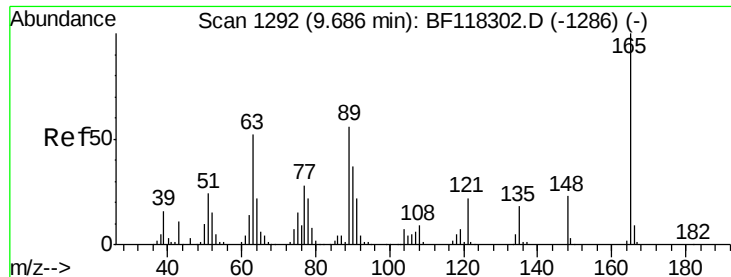
#45
 2-Fluorobiphenyl
 Concen: 92.369 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF118401.D
 Acq: 31 Dec 2019 13:10

Tgt Ion:172 Resp: 1795847
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.3 43.9
 170 23.6 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: 7.558 ng

RT: 9.90 min Scan# 1329

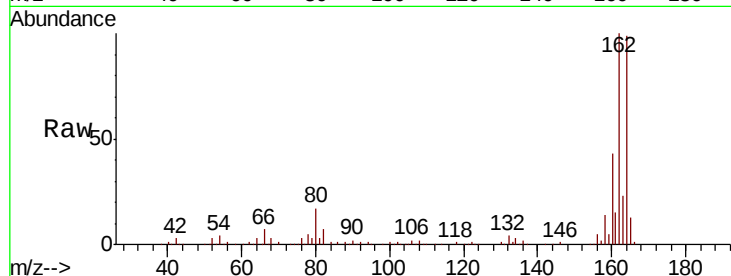
Delta R.T. 0.22 min

Lab File: BF118401.D

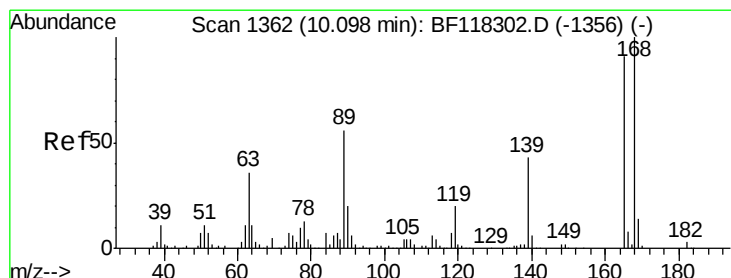
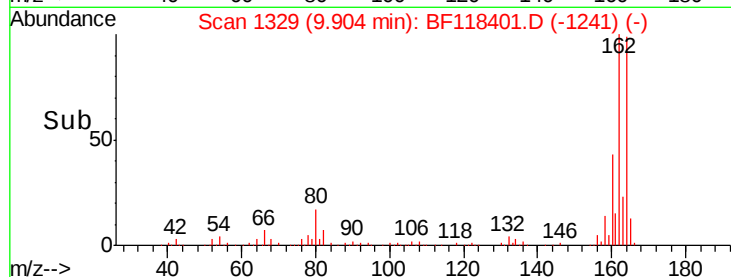
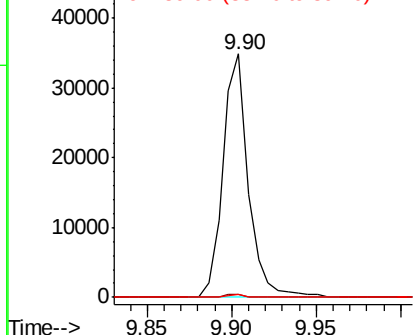
Acq: 31 Dec 2019 13:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	36301
Ion Ratio	Lower	Upper	
165	100		
63	1.2	42.2	63.4#
89	1.1	44.4	66.6#



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: 5.656 ng

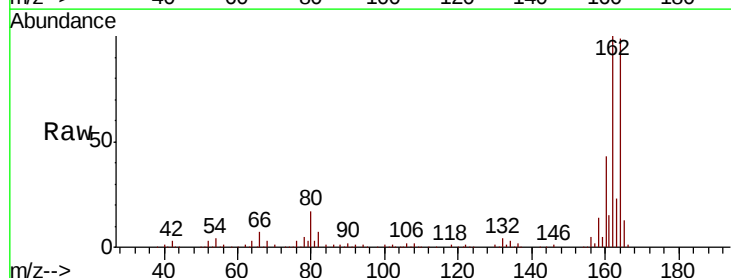
RT: 9.90 min Scan# 1329

Delta R.T. -0.19 min

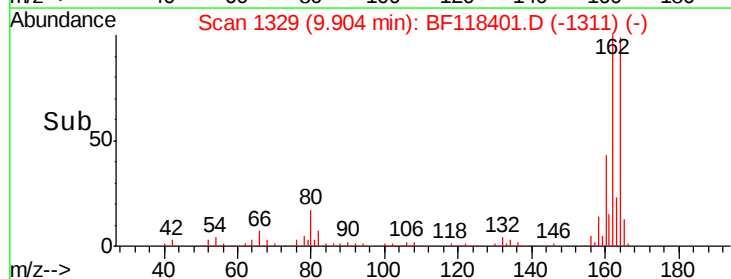
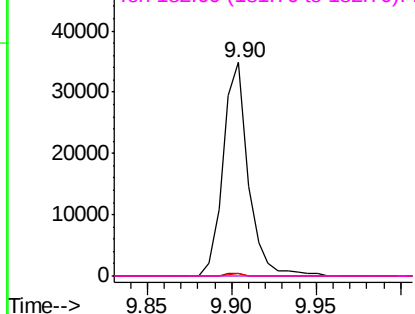
Lab File: BF118401.D

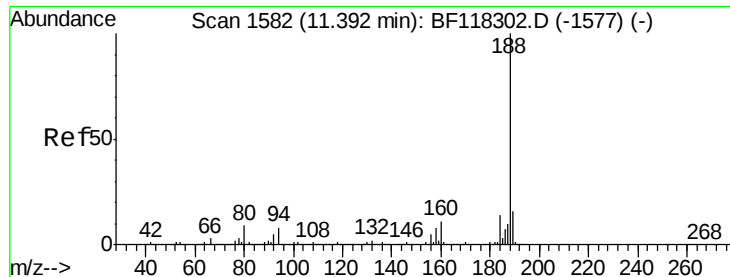
Acq: 31 Dec 2019 13:10

Tgt Ion:	165	Resp:	36301
Ion Ratio	Lower	Upper	
165	100		
63	1.2	32.0	48.0#
89	1.1	49.3	73.9#
182	0.0	2.4	3.6#



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

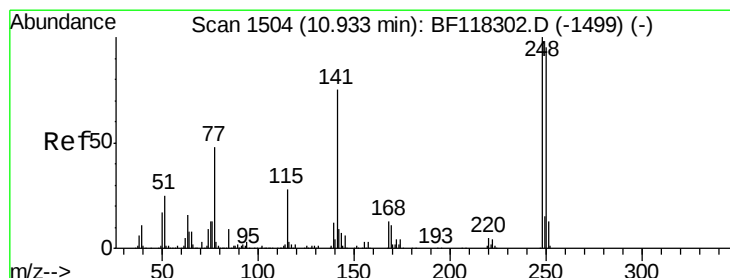
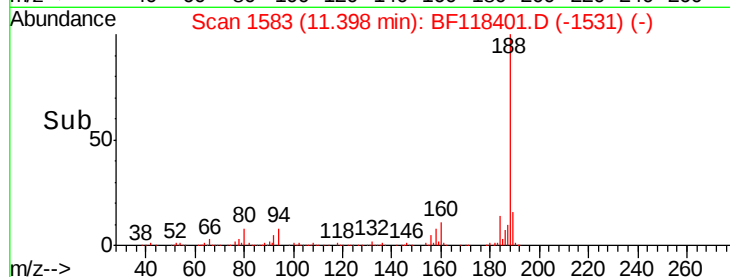
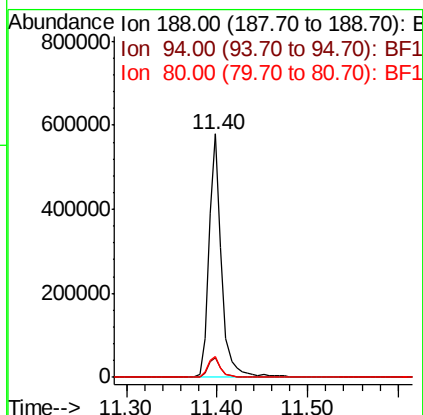
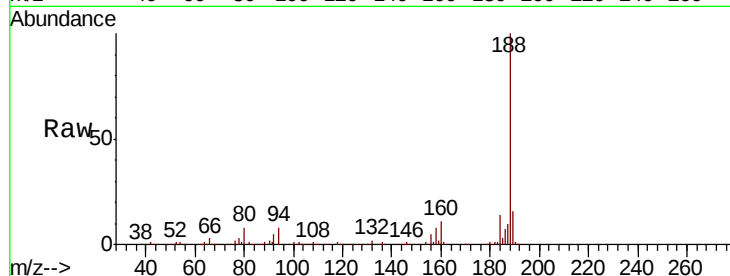




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.01 min
 Lab File: BF118401.D
 Acq: 31 Dec 2019 13:10

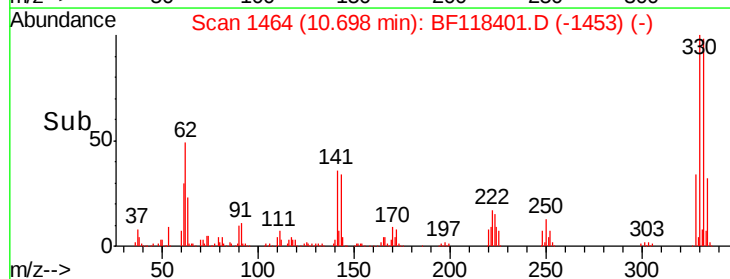
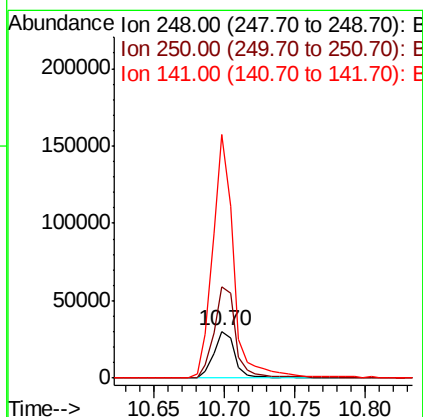
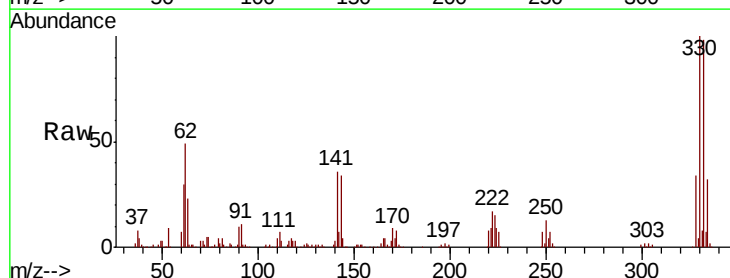
Instrument :
 BNA_F
 ClientSampleId :

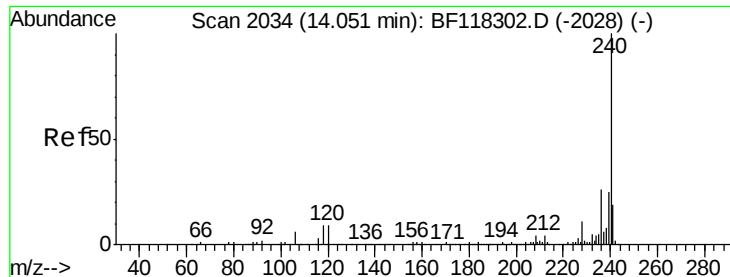
Tot Ion:188 Resp: 564871
 Ion Ratio Lower Upper
 188 100
 94 8.2 6.7 10.1
 80 8.4 7.2 10.8



#67
 4-Bromophenyl-phenylether
 Concen: 4.855 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.24 min
 Lab File: BF118401.D
 Acq: 31 Dec 2019 13:10

Tgt Ion:248 Resp: 32095
 Ion Ratio Lower Upper
 248 100
 250 194.6 76.4 114.6#
 141 519.9 60.2 90.2#

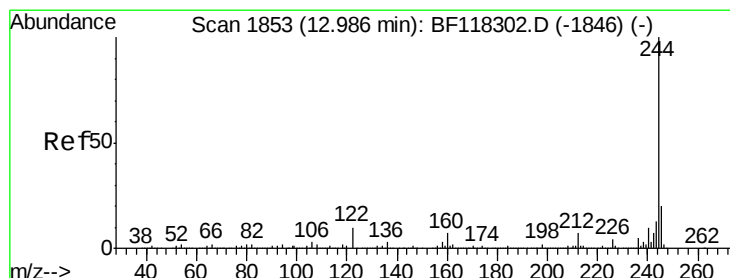
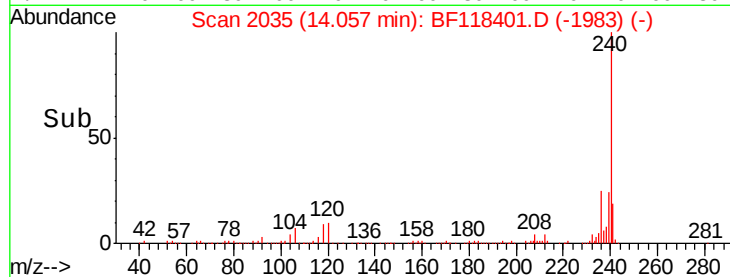
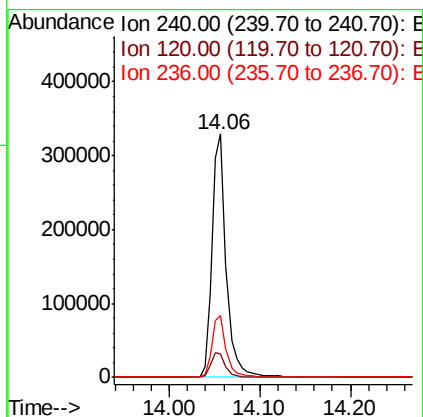
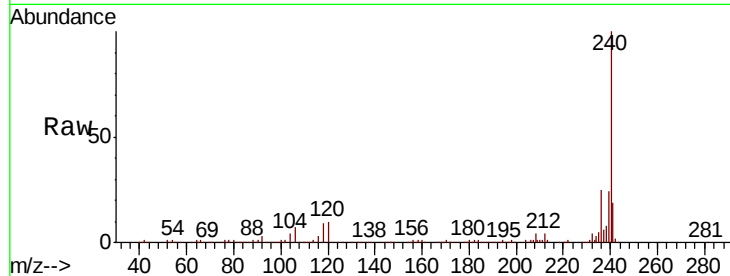




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF118401.D
 Acq: 31 Dec 2019 13:10

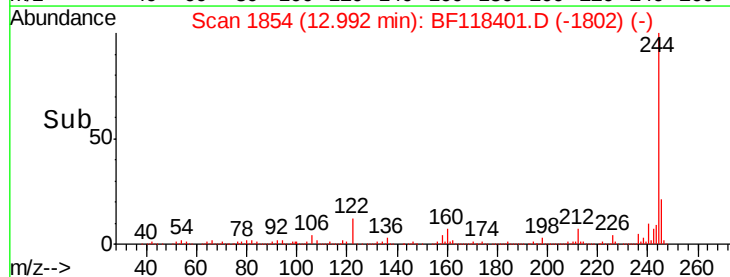
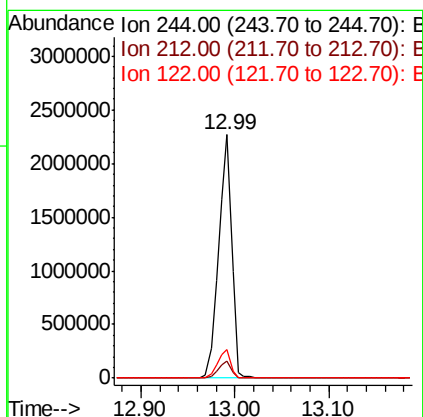
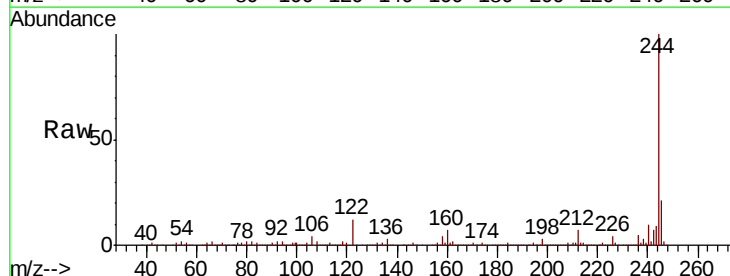
Instrument :
 BNA_F
 ClientSampleId :

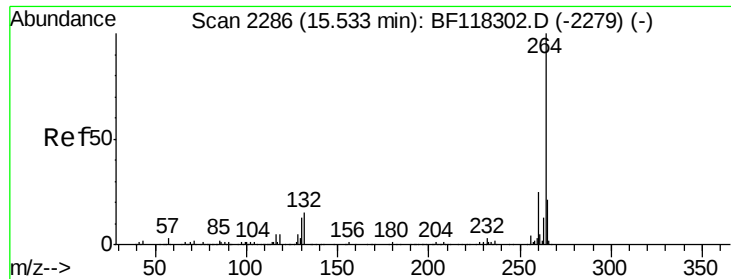
Tot Ion:240 Resp: 361158
 Ion Ratio Lower Upper
 240 100
 120 9.8 7.1 10.7
 236 25.4 21.0 31.6



#79
 Terphenyl-d14
 Concen: 101.589 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.01 min
 Lab File: BF118401.D
 Acq: 31 Dec 2019 13:10

Tgt Ion:244 Resp: 2211520
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 11.9 7.8 11.8#

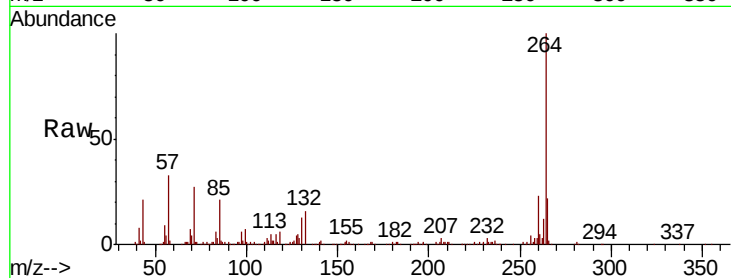




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. 0.02 min
 Lab File: BF118401.D
 Acq: 31 Dec 2019 13:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.8	29.6
265	21.9	17.0	25.4



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

