

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119763.D
 Acq On : 6 Apr 2020 11:25
 Operator : MA/SJ
 Sample : PB128003BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Apr 06 12:06:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

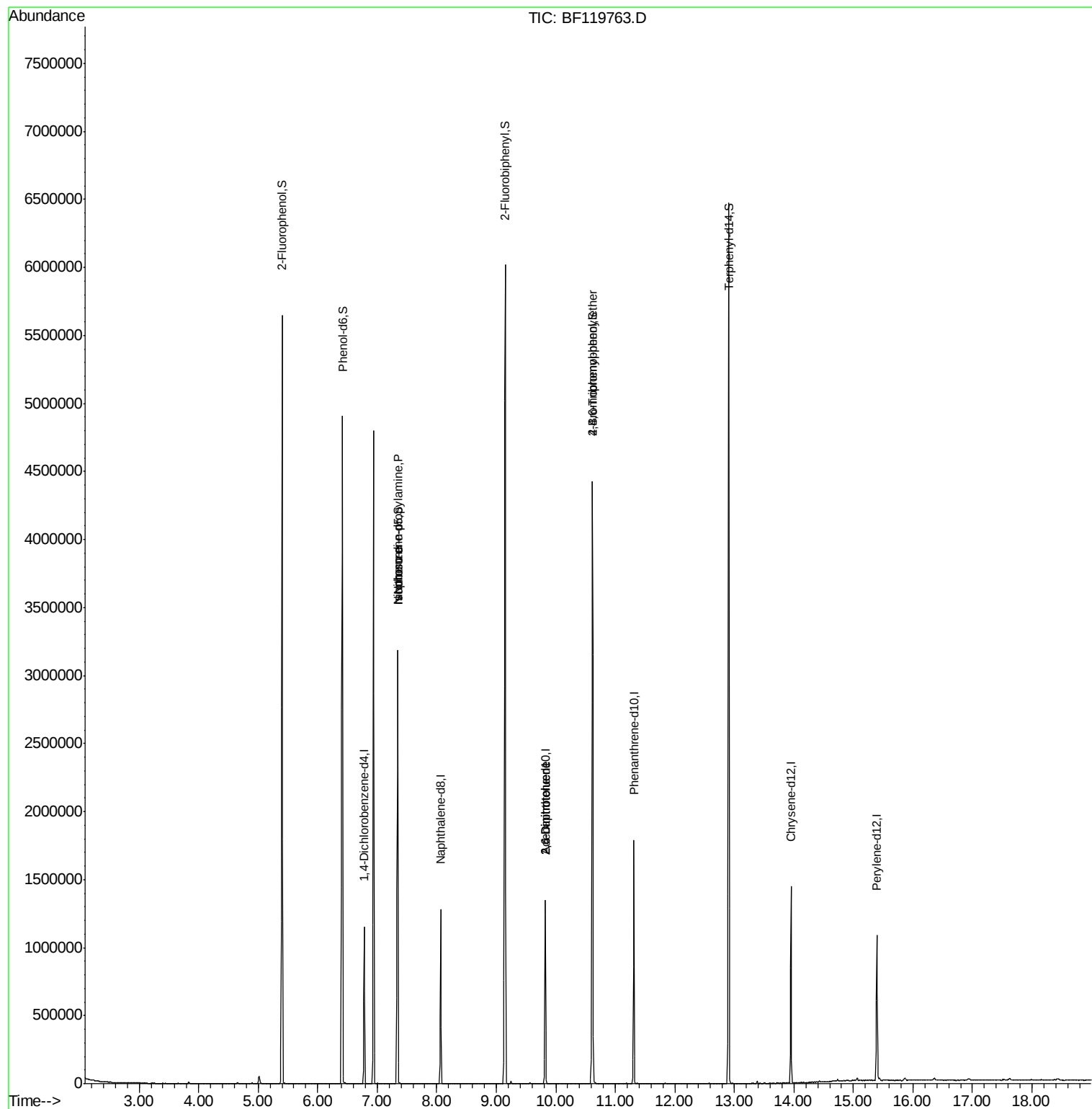
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	158999	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	613814	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	302001	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	647815	20.00	ng	0.00
76) Chrysene-d12	13.95	240	484777	20.00	ng	0.00
87) Perylene-d12	15.40	264	505457	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1539111	154.10	ng	0.02
7) Phenol-d6	6.42	99	1927550	151.07	ng	0.00
23) Nitrobenzene-d5	7.35	82	1171739	103.75	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	595414	191.10	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2169449	106.42	ng	0.00
79) Terphenyl-d14	12.91	244	2549468	103.04	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	153647	19.979	ng	# 75
25) Isophorone	7.35	82	1171048	51.114	ng	# 65
51) 2,6-Dinitrotoluene	9.83	165	37751	8.210	ng	# 26
57) 2,4-Dinitrotoluene	9.83	165	37751	6.518	ng	# 20
67) 4-Bromophenyl-phenylether	10.62	248	35387	4.796	ng	# 1

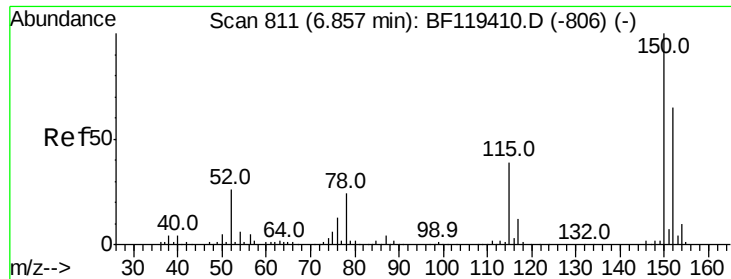
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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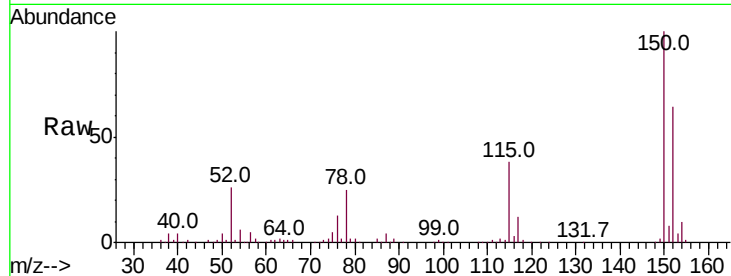


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119763.D
Acq: 6 Apr 2020 11:25

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.5	186.7
115	59.9	49.6	74.4

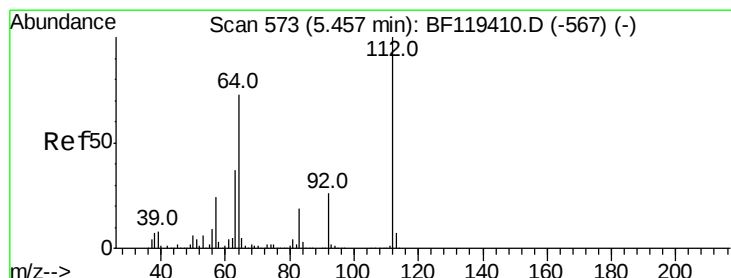
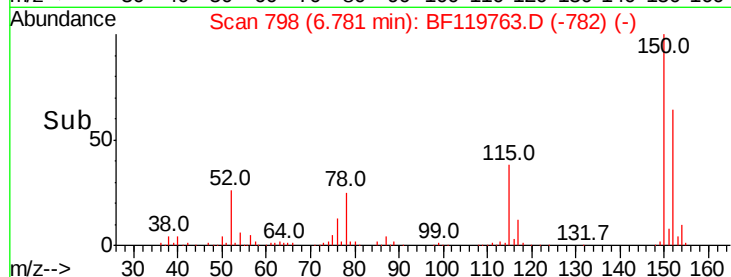
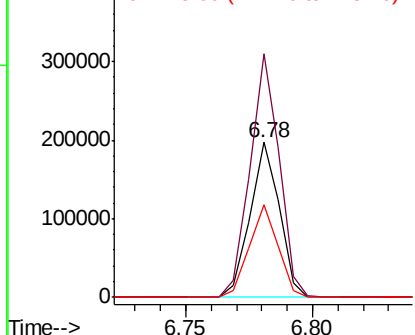


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

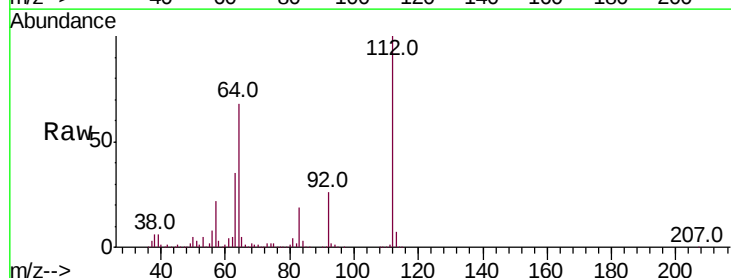
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 154.096 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF119763.D
Acq: 6 Apr 2020 11:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	56.7	85.1
63	35.1	29.5	44.3

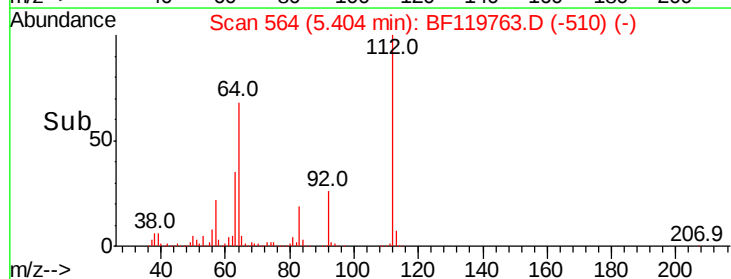
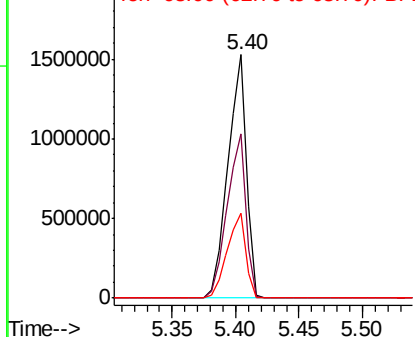


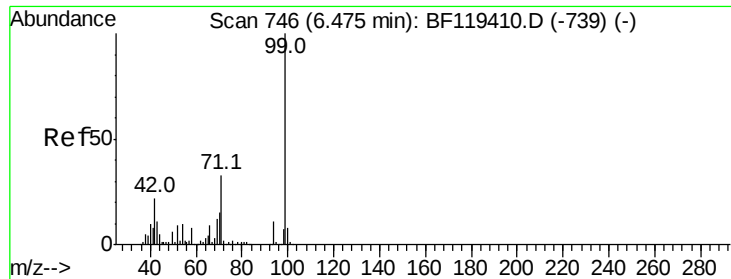
Abundance

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: 151.075 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119763.D

Acq: 6 Apr 2020 11:25

Instrument :

BNA_F

ClientSampleId :

DFTPP

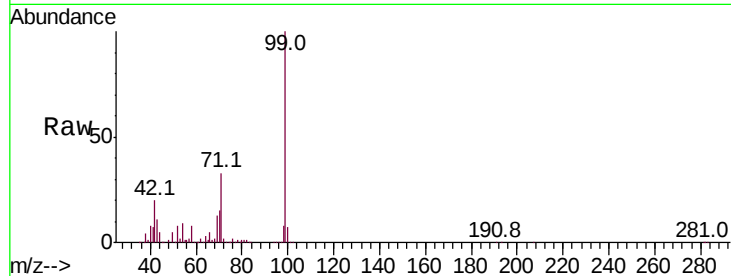
Tot Ion: 99 Resp: 1927550

Ion Ratio Lower Upper

99 100

42 20.5 16.6 24.8

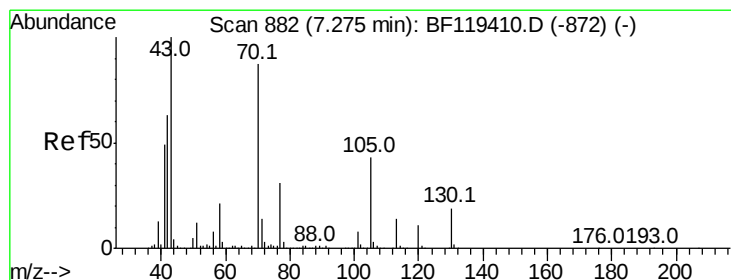
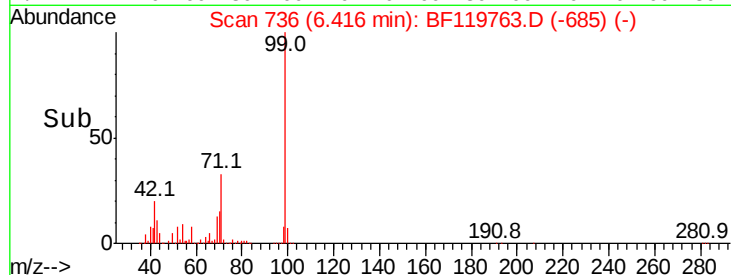
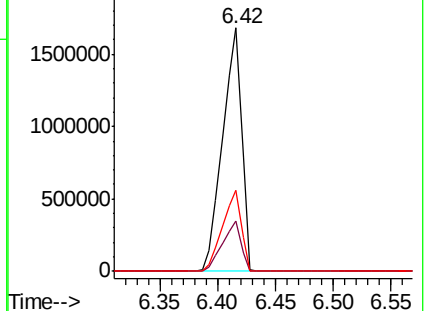
71 33.4 26.4 39.6



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: 19.979 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BF119763.D

Acq: 6 Apr 2020 11:25

Tgt Ion: 70 Resp: 153647

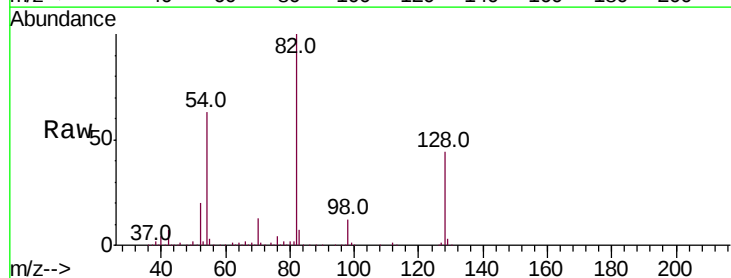
Ion Ratio Lower Upper

70 100

42 52.4 54.5 81.7#

101 0.0 7.6 11.4#

130 2.2 17.6 26.4#

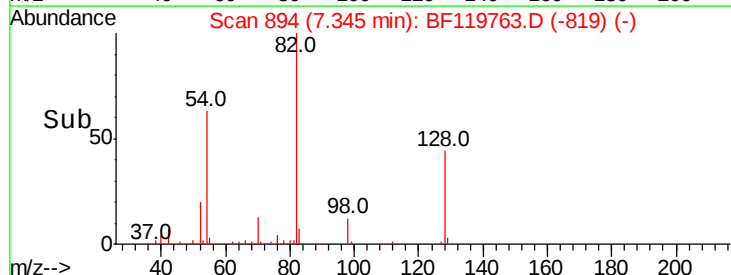
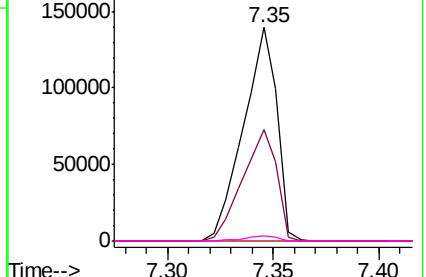


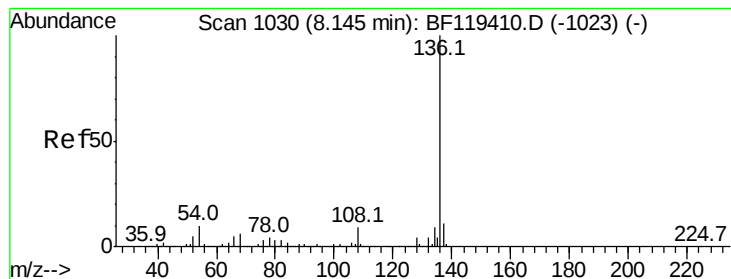
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF119763.D

Acq: 6 Apr 2020 11:25

Instrument :

BNA_F

ClientSampled :

DFTPP

Tot Ion:136 Resp: 613814

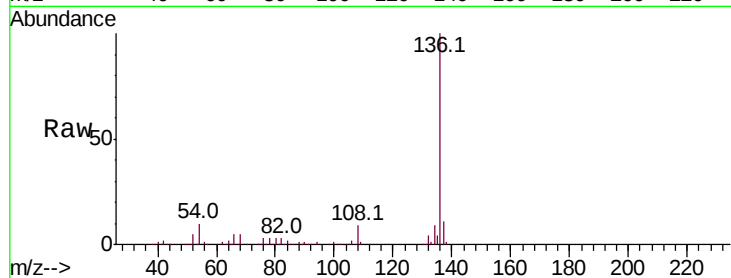
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 9.8 9.1 13.7

68 5.0 4.6 6.8

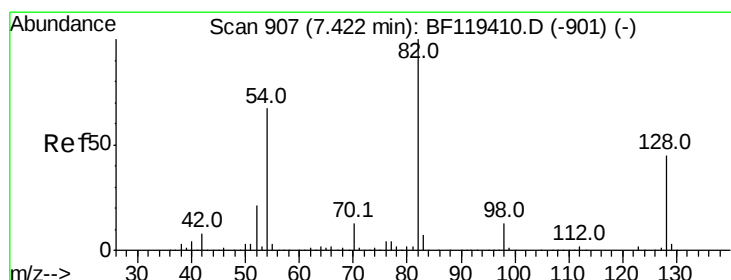
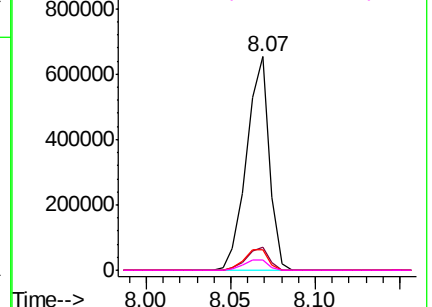
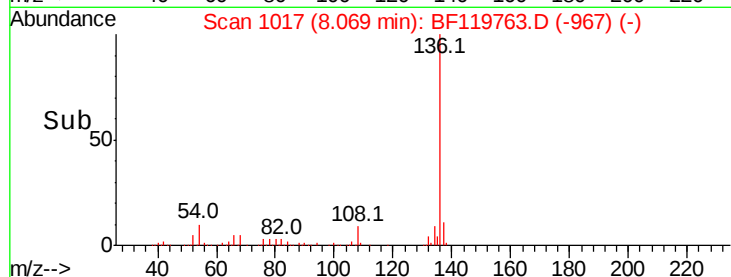


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.747 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF119763.D

Acq: 6 Apr 2020 11:25

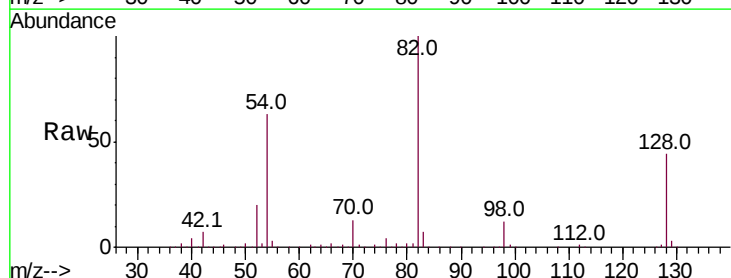
Tgt Ion: 82 Resp: 1171739

Ion Ratio Lower Upper

82 100

128 44.4 36.3 54.5

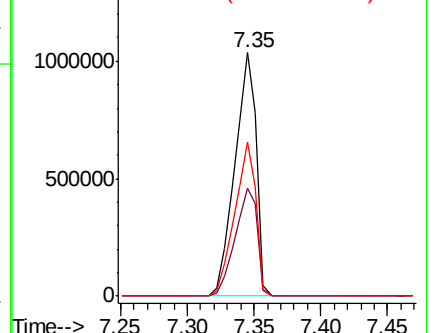
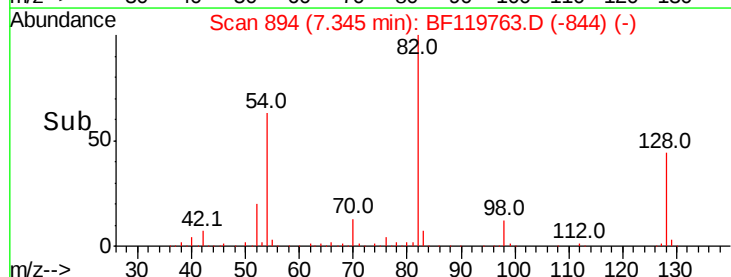
54 63.4 50.6 75.8

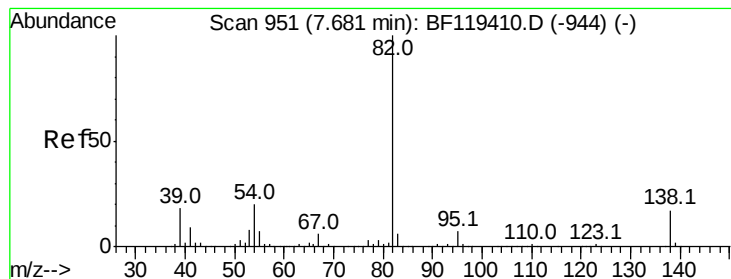


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 51.114 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BF119763.D

Acq: 6 Apr 2020 11:25

Instrument :

BNA_F

ClientSampleId :

DFTPP

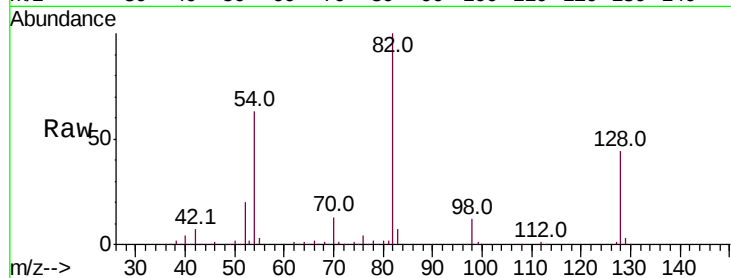
Tot Ion: 82 Resp: 1171048

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

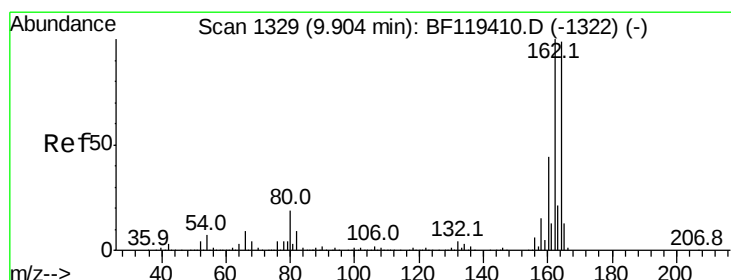
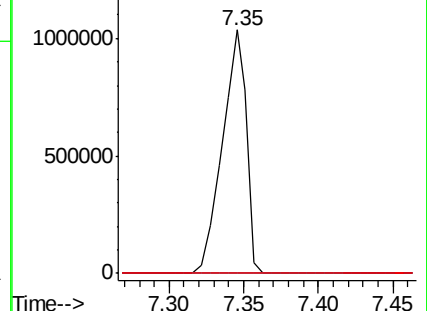
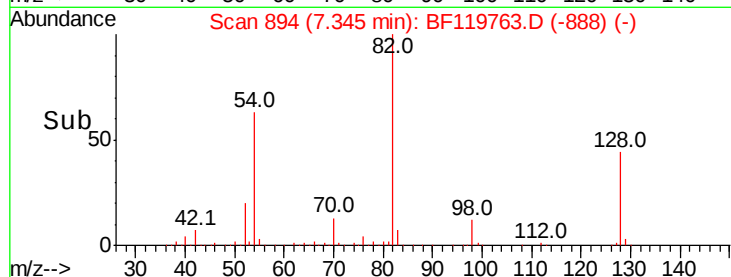
138 0.0 14.6 21.8#



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# 1316

Delta R.T. -0.01 min

Lab File: BF119763.D

Acq: 6 Apr 2020 11:25

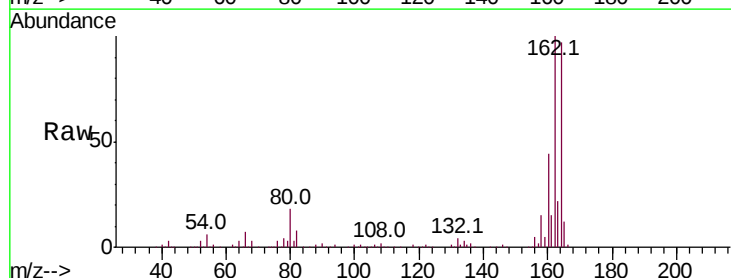
Tgt Ion:164 Resp: 302001

Ion Ratio Lower Upper

164 100

162 103.3 80.6 121.0

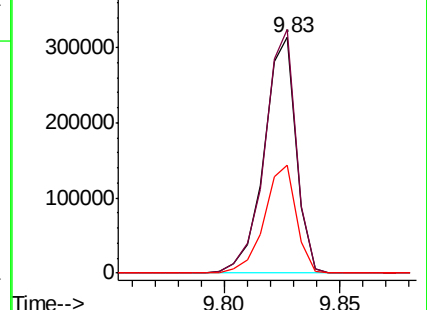
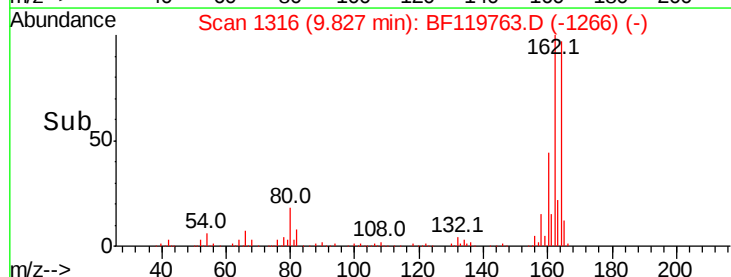
160 45.8 35.7 53.5

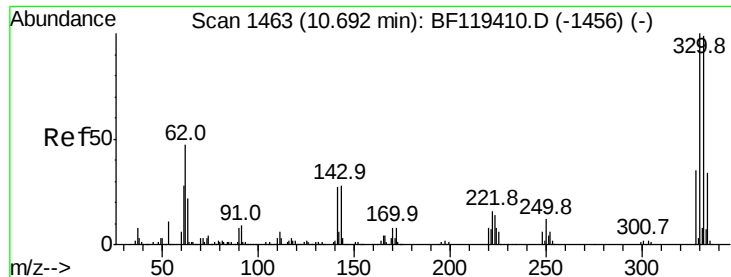


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

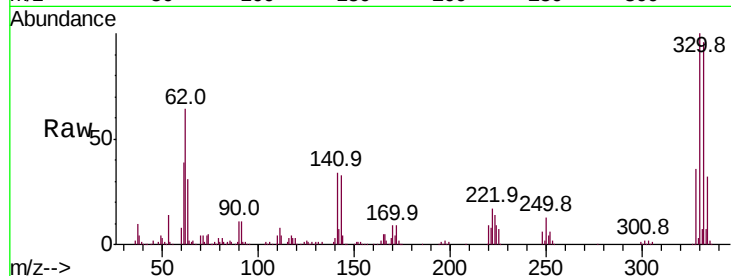




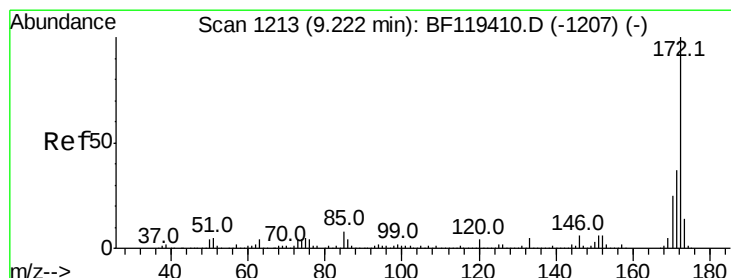
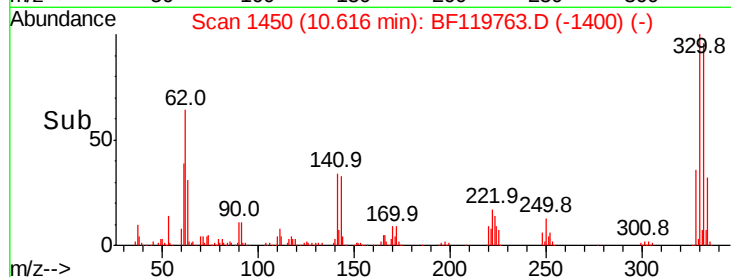
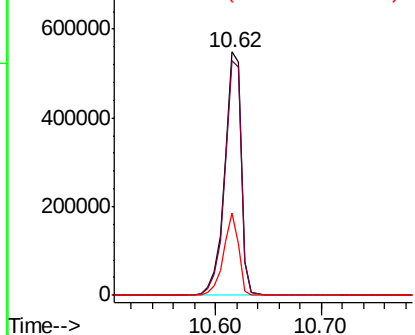
#42
 2,4,6-Tribromophenol
 Concen: 191.105 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF119763.D
 Acq: 6 Apr 2020 11:25

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.7	113.5
141	30.8	25.4	38.0

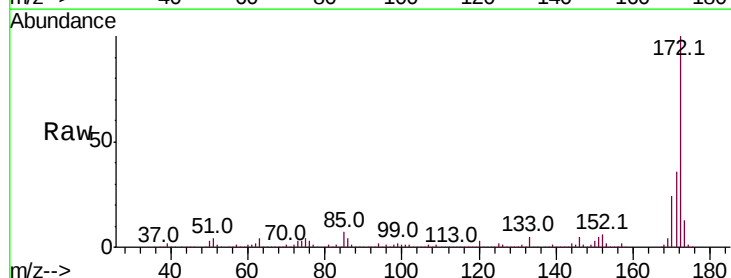


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

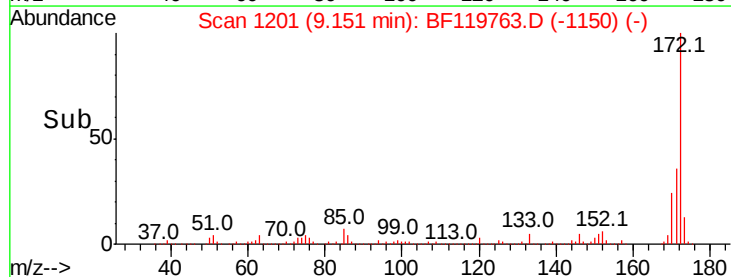
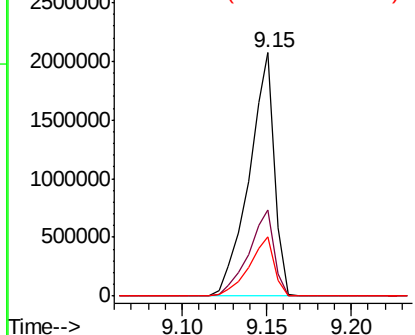


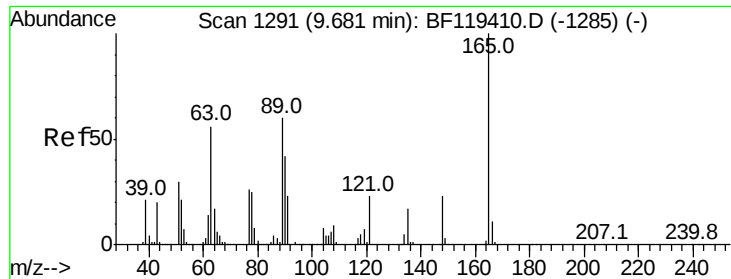
#45
 2-Fluorobiphenyl
 Concen: 106.423 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF119763.D
 Acq: 6 Apr 2020 11:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	24.3	20.2	30.2



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

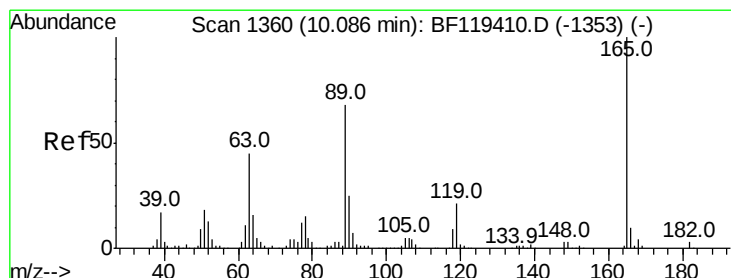
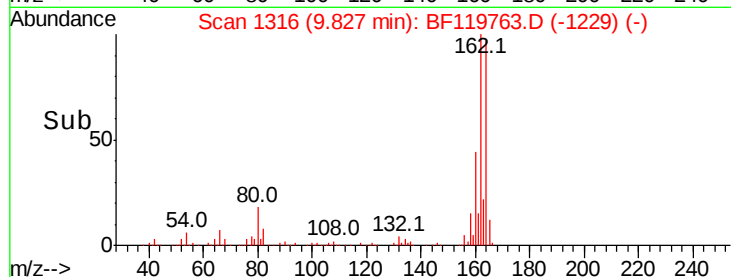
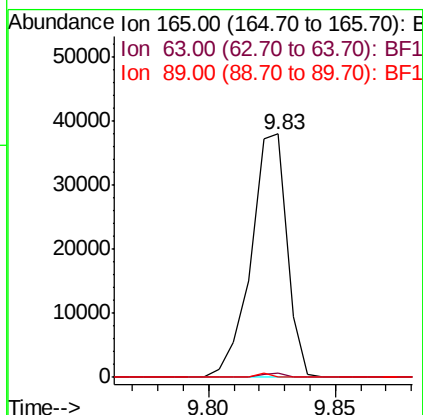
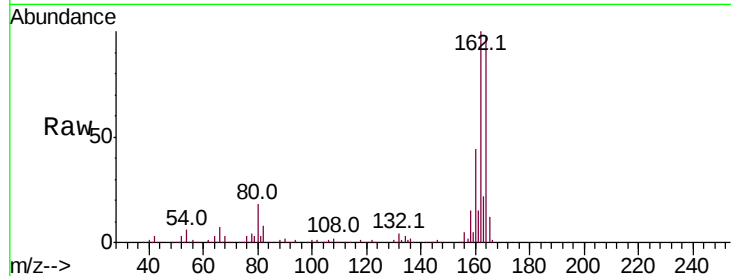




#51
 2,6-Dinitrotoluene
 Concen: 8.210 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.21 min
 Lab File: BF119763.D
 Acq: 6 Apr 2020 11:25

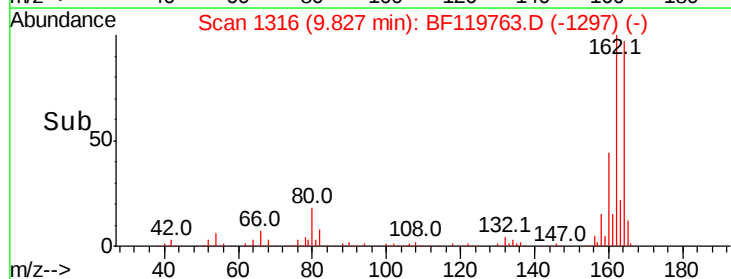
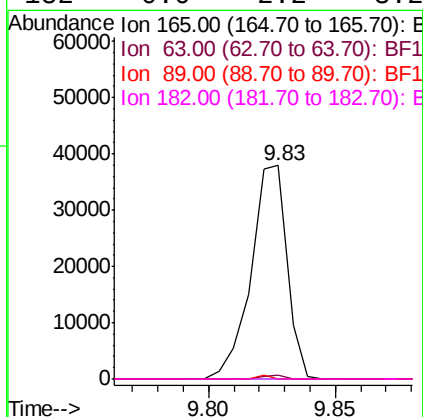
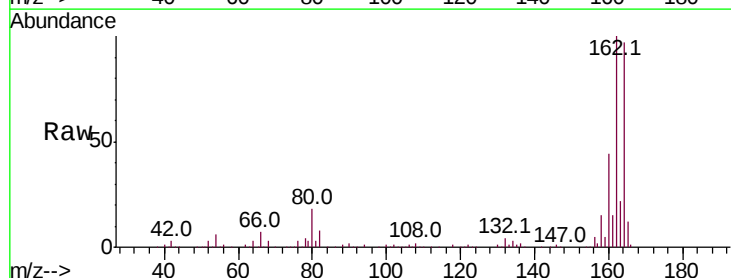
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

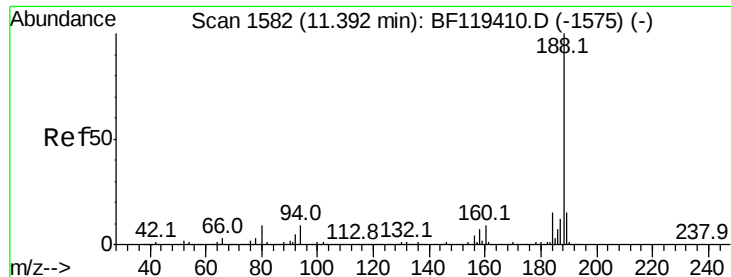
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	45.0	67.4#
89	0.0	41.5	62.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.518 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.19 min
 Lab File: BF119763.D
 Acq: 6 Apr 2020 11:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	42.6	64.0#
89	0.0	61.0	91.4#
182	0.0	2.2	3.2#

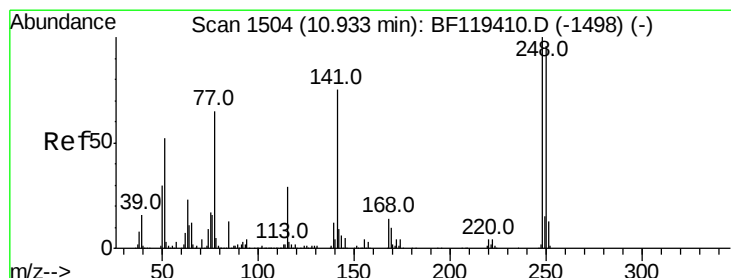
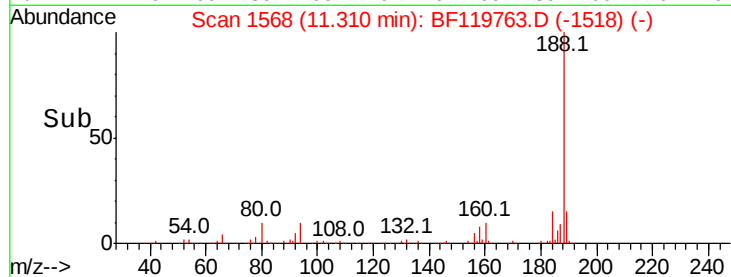
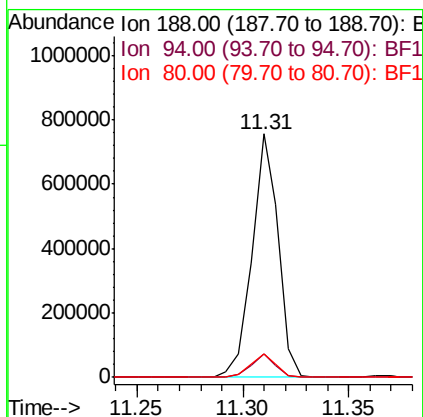
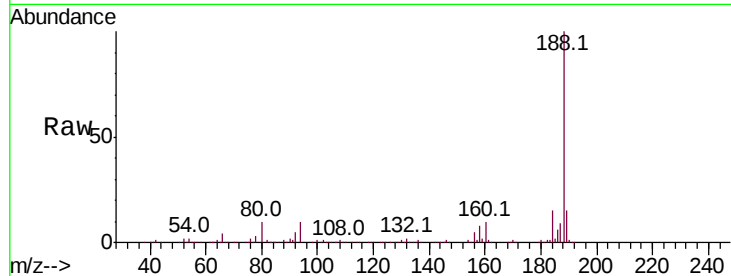




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF119763.D
Acq: 6 Apr 2020 11:25

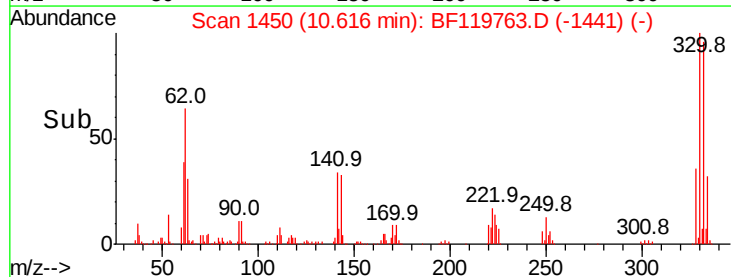
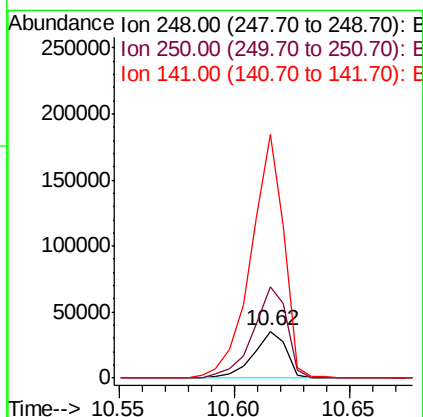
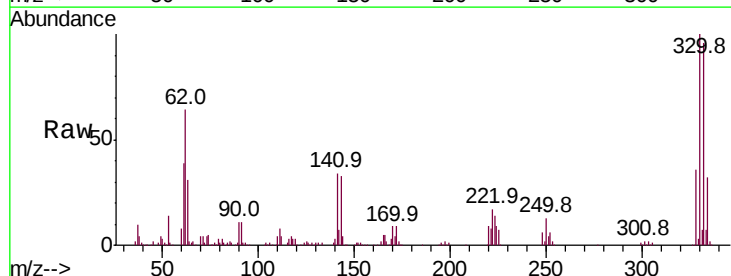
Instrument :
BNA_F
ClientSampleId :
DFTPP

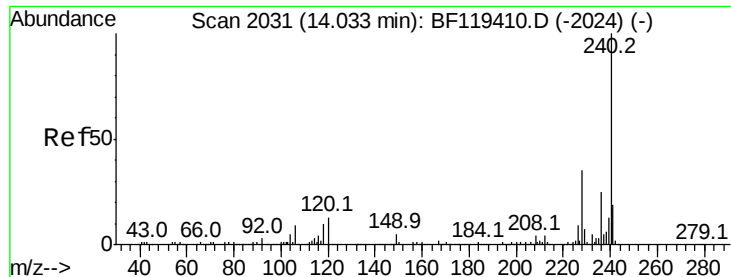
Tot Ion:188 Resp: 647815
Ion Ratio Lower Upper
188 100
94 9.7 7.5 11.3
80 9.9 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 4.796 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF119763.D
Acq: 6 Apr 2020 11:25

Tgt Ion:248 Resp: 35387
Ion Ratio Lower Upper
248 100
250 194.9 77.3 115.9#
141 518.2 58.6 87.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF119763.D

Acq: 6 Apr 2020 11:25

Instrument :

BNA_F

ClientSampleId :

DFTPP

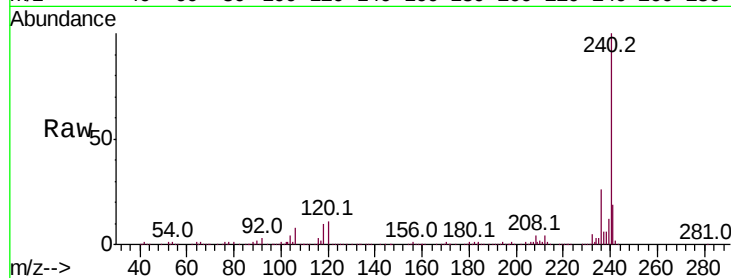
Tot Ion:240 Resp: 484777

Ion Ratio Lower Upper

240 100

120 11.0 10.6 15.8

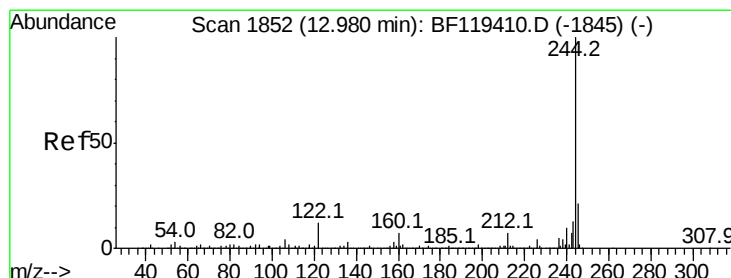
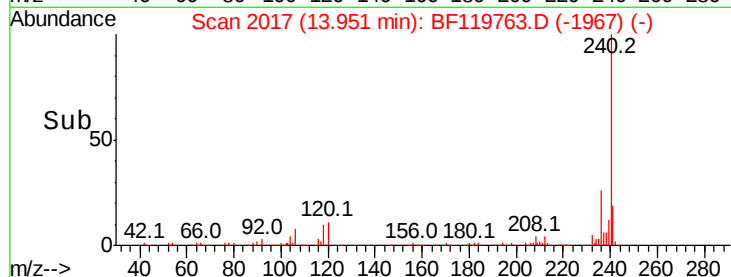
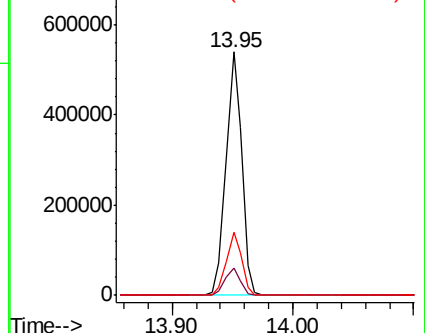
236 26.0 20.2 30.2



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: 103.036 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF119763.D

Acq: 6 Apr 2020 11:25

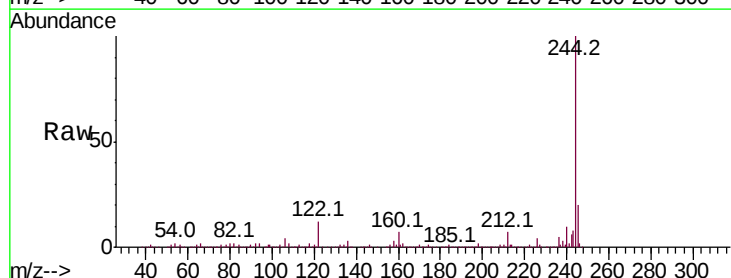
Tgt Ion:244 Resp: 2549468

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

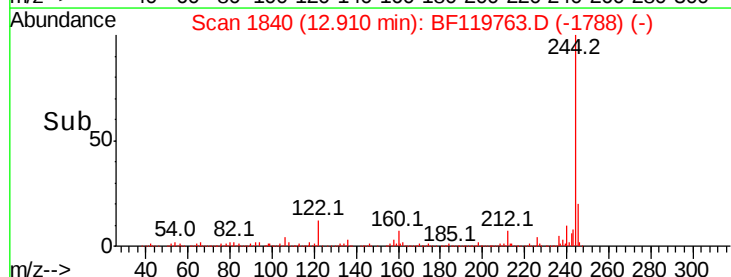
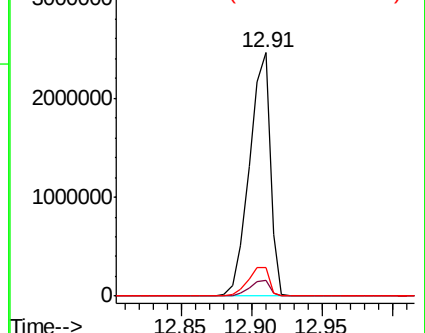
122 11.6 10.3 15.5

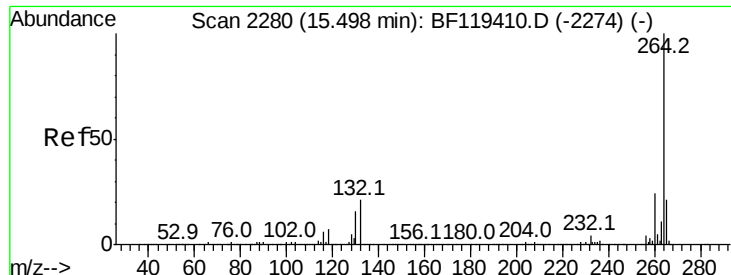


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2263
 Delta R.T. -0.00 min
 Lab File: BF119763.D
 Acq: 6 Apr 2020 11:25

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	22.0	17.7	26.5

