

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119764.D
 Acq On : 6 Apr 2020 11:52
 Operator : MA/SJ
 Sample : PB128016BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128016BL

Quant Time: Apr 06 12:25:18 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

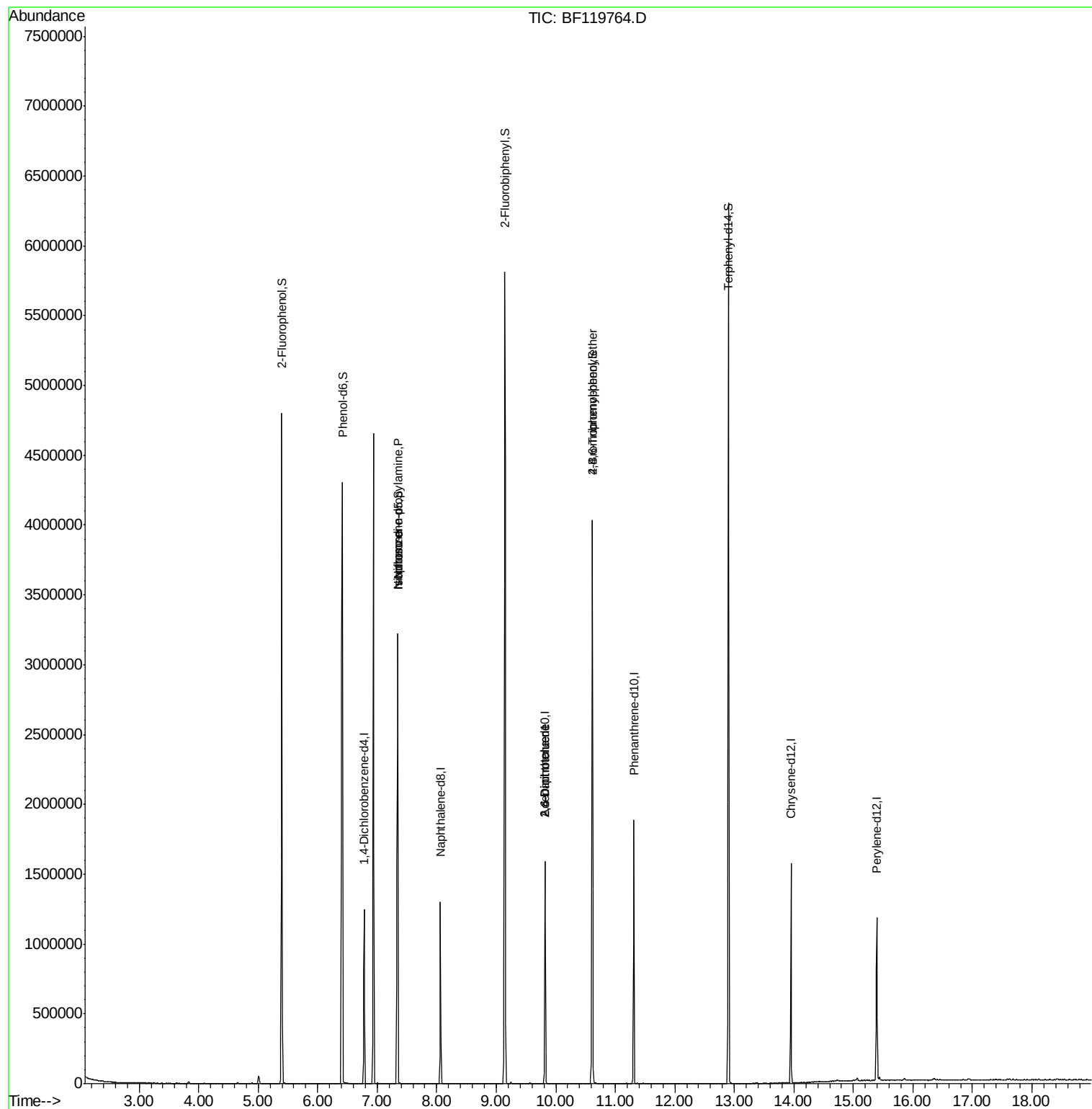
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	170643	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	650851	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	331727	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	657091	20.00	ng	0.00
76) Chrysene-d12	13.95	240	527345	20.00	ng	0.00
87) Perylene-d12	15.39	264	543540	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1415712	132.07	ng	0.01
7) Phenol-d6	6.42	99	1787141	130.51	ng	0.00
23) Nitrobenzene-d5	7.35	82	1090014	91.02	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	510106	149.05	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2086224	93.17	ng	0.00
79) Terphenyl-d14	12.90	244	2399881	89.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	139536	16.906	ng	# 75
25) Isophorone	7.35	82	1090004	44.869	ng	# 65
51) 2,6-Dinitrotoluene	9.82	165	41427	8.203	ng	# 26
57) 2,4-Dinitrotoluene	9.82	165	41427	6.511	ng	# 20
67) 4-Bromophenyl-phenylether	10.62	248	30100	4.022	ng	# 1

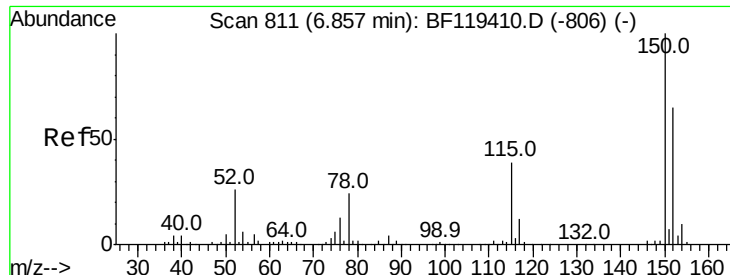
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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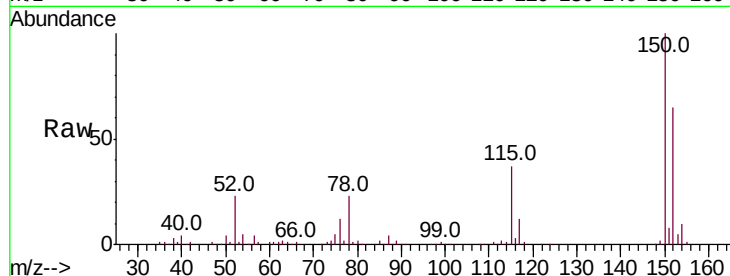


#1

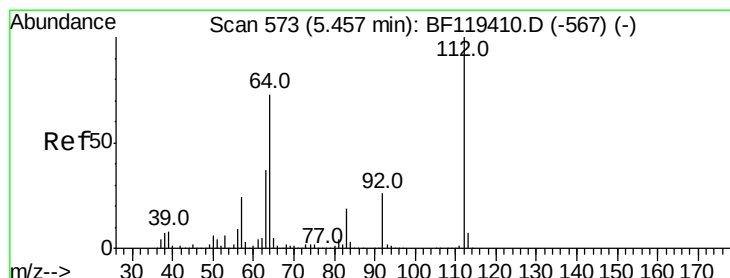
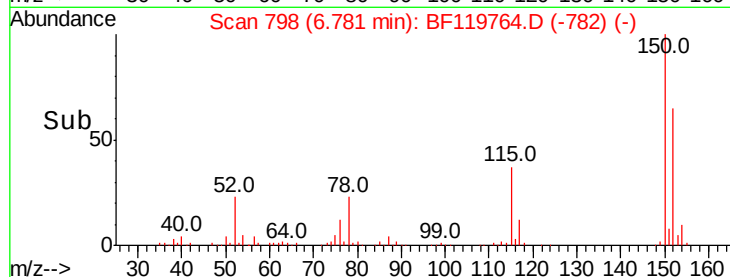
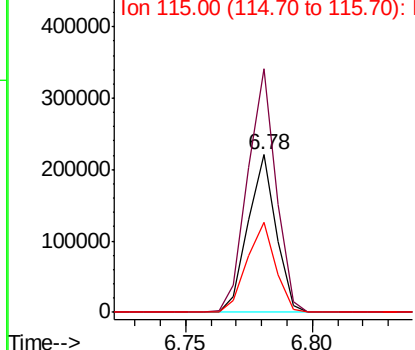
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119764.D
Acq: 6 Apr 2020 11:52

Instrument :
BNA_F
ClientSampleId :
PB128016BL

Tot Ion:152 Resp: 170643
Ion Ratio Lower Upper
152 100
150 154.3 124.5 186.7
115 57.2 49.6 74.4



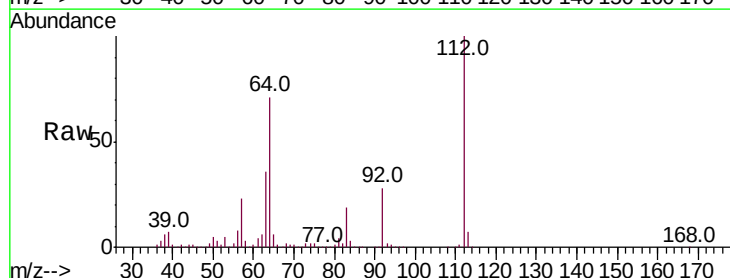
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



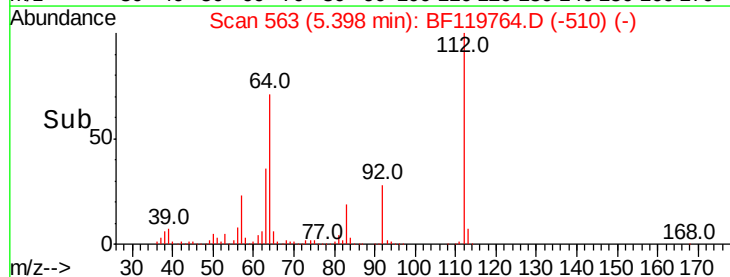
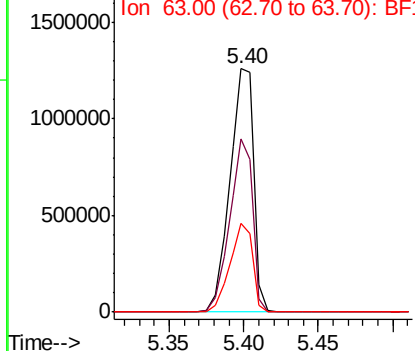
#5

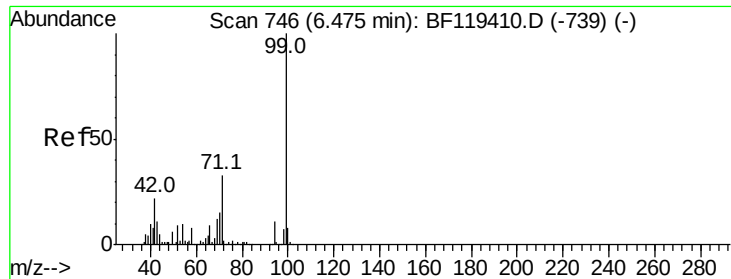
2-Fluorophenol
Concen: 132.070 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF119764.D
Acq: 6 Apr 2020 11:52

Tgt Ion:112 Resp: 1415712
Ion Ratio Lower Upper
112 100
64 71.4 56.7 85.1
63 36.4 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: 130.512 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF119764.D

Acq: 6 Apr 2020 11:52

Instrument :

BNA_F

ClientSampleId :

PB128016BL

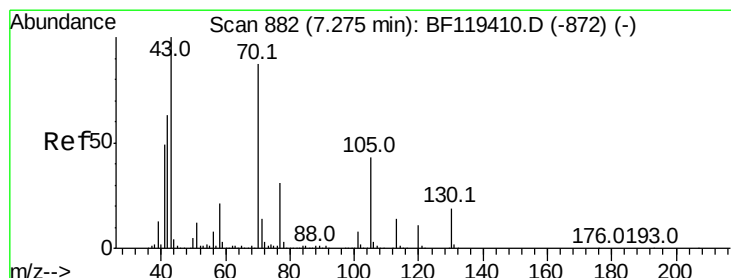
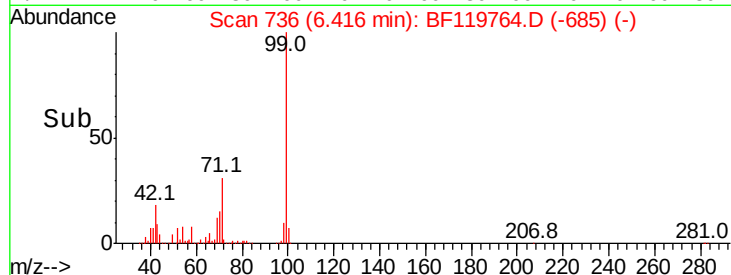
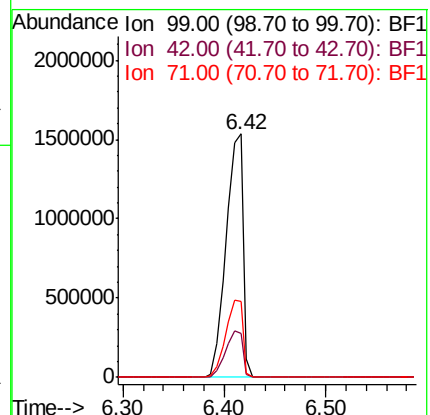
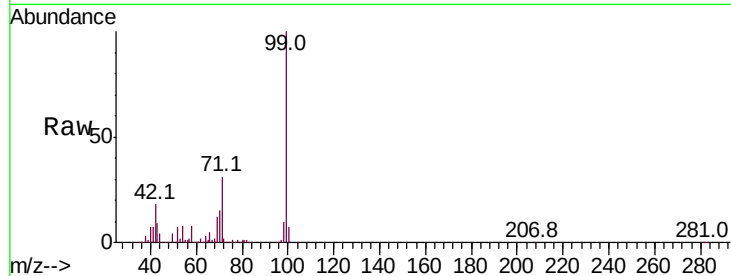
Tot Ion: 99 Resp: 1787141

Ion Ratio Lower Upper

99 100

42 17.9 16.6 24.8

71 31.2 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 16.906 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BF119764.D

Acq: 6 Apr 2020 11:52

Tgt Ion: 70 Resp: 139536

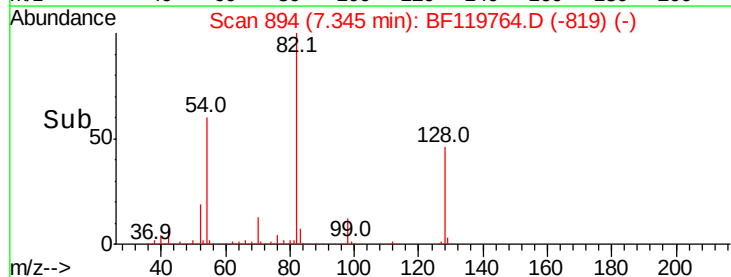
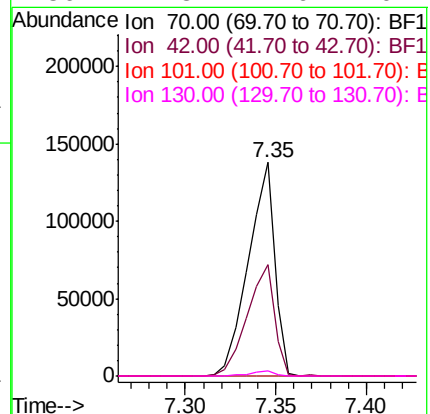
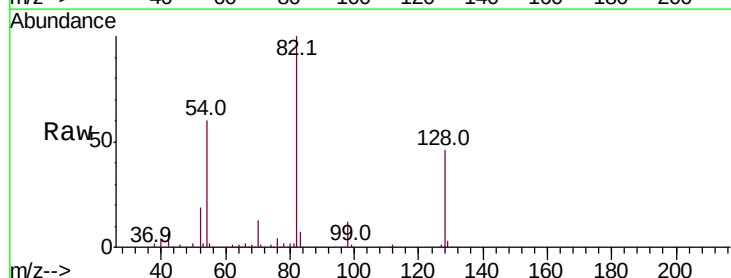
Ion Ratio Lower Upper

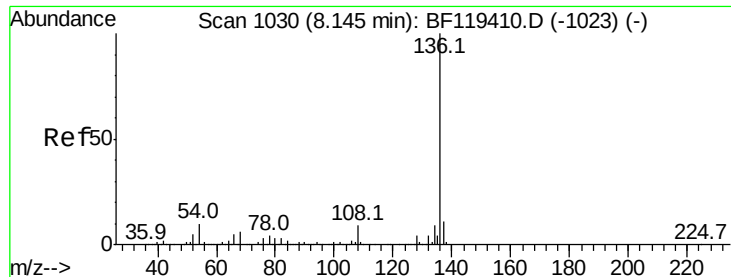
70 100

42 52.2 54.5 81.7#

101 0.0 7.6 11.4#

130 2.3 17.6 26.4#

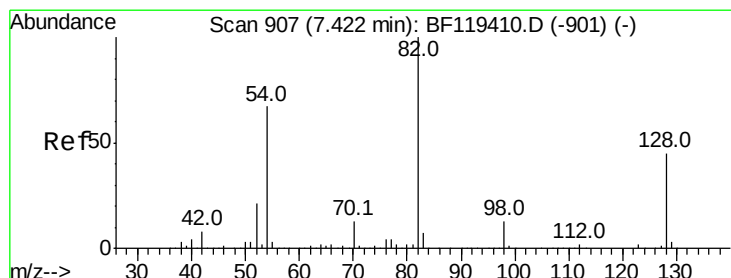
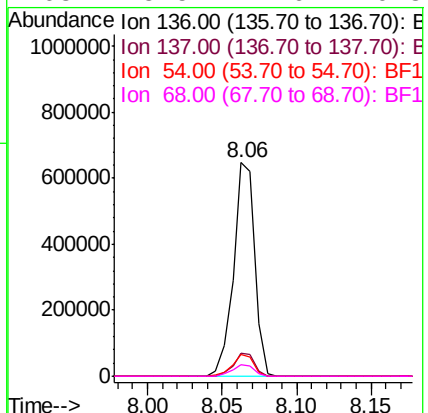
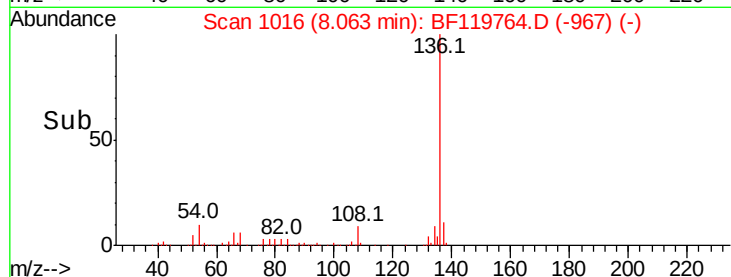
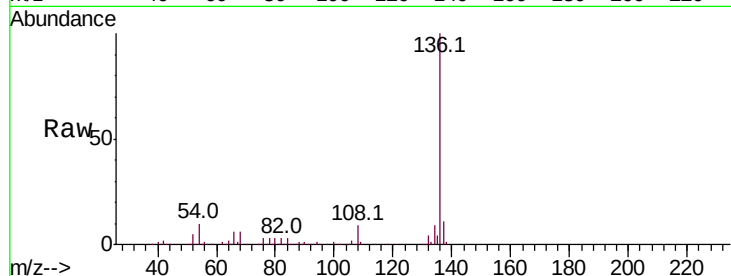




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF119764.D
Acq: 6 Apr 2020 11:52

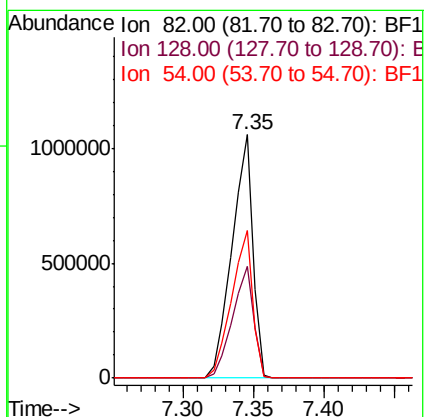
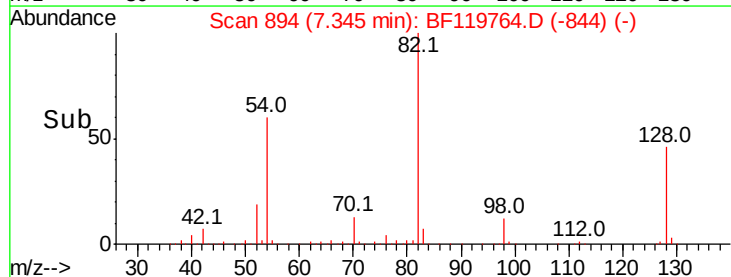
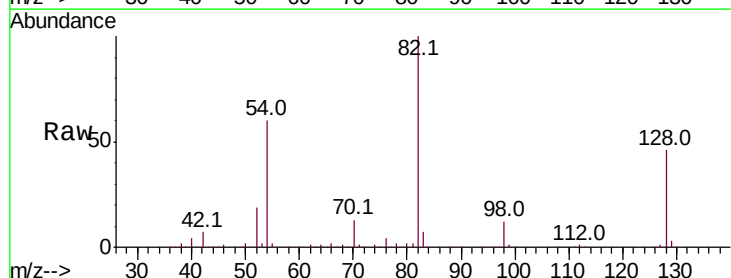
Instrument :
BNA_F
ClientSampleId :
PB128016BL

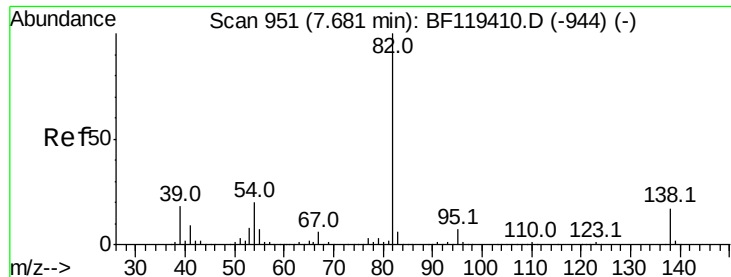
Tot Ion:136	Resp: 650851
Ion Ratio	Lower Upper
136 100	
137 10.9	8.7 13.1
54 10.5	9.1 13.7
68 5.5	4.6 6.8



#23
Nitrobenzene-d5
Concen: 91.019 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF119764.D
Acq: 6 Apr 2020 11:52

Tgt Ion: 82	Ratio	Resp: 1090014	
82	100	Lower	Upper
128	45.9	36.3	54.5
54	60.5	50.6	75.8





#25

Isophorone

Concen: 44.869 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BF119764.D

Acq: 6 Apr 2020 11:52

Instrument :

BNA_F

ClientSampleId :

PB128016BL

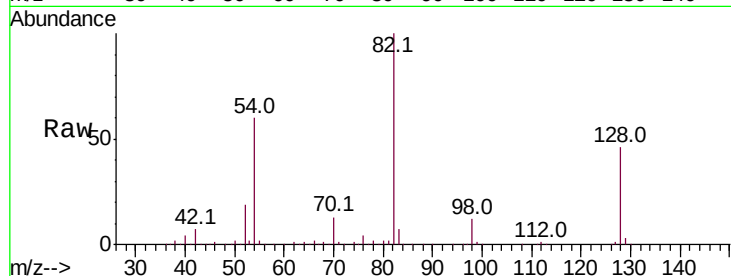
Tot Ion: 82 Resp: 1090004

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

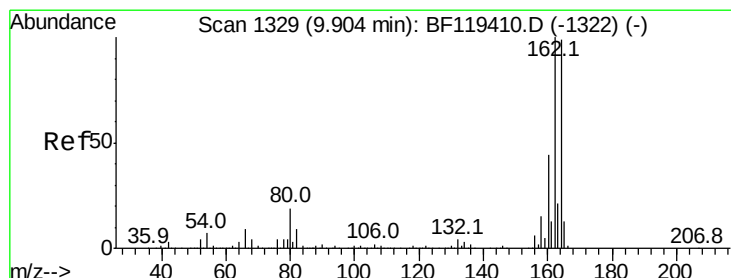
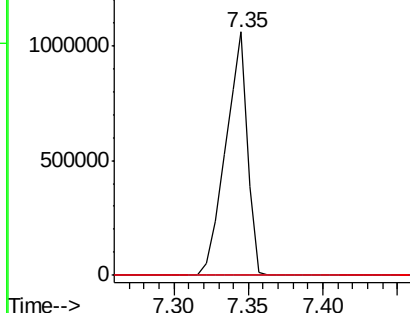
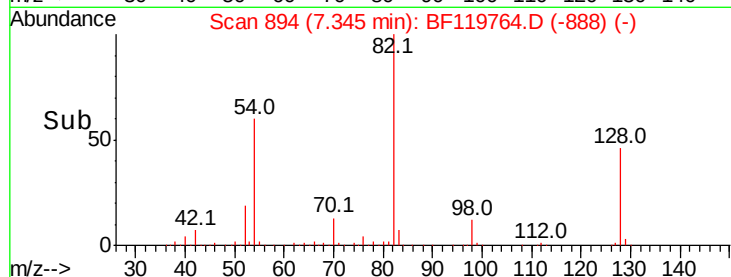
138 0.0 14.6 21.8#



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: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF119764.D

Acq: 6 Apr 2020 11:52

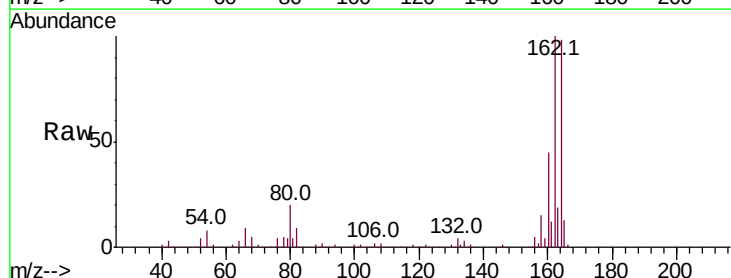
Tgt Ion:164 Resp: 331727

Ion Ratio Lower Upper

164 100

162 102.2 80.6 121.0

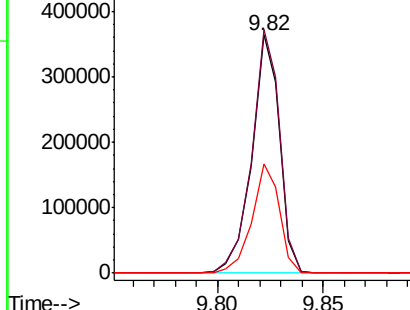
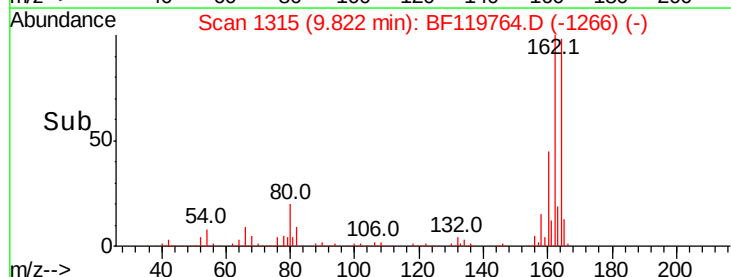
160 45.7 35.7 53.5

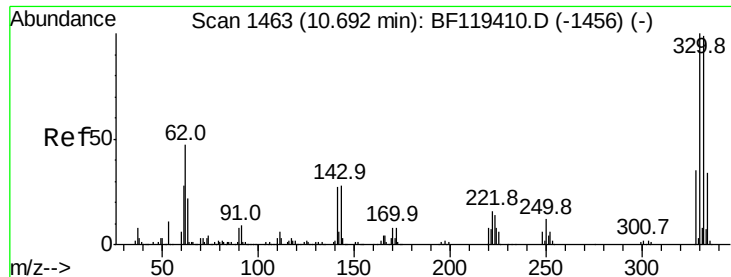


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 149.053 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF119764.D

Acq: 6 Apr 2020 11:52

Instrument :

BNA_F

ClientSampleId :

PB128016BL

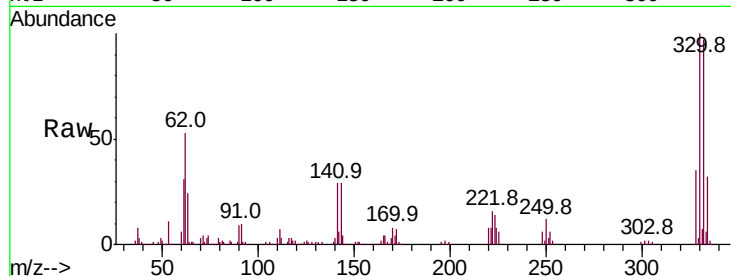
Tot Ion:330 Resp: 510106

Ion Ratio Lower Upper

330 100

332 97.1 75.7 113.5

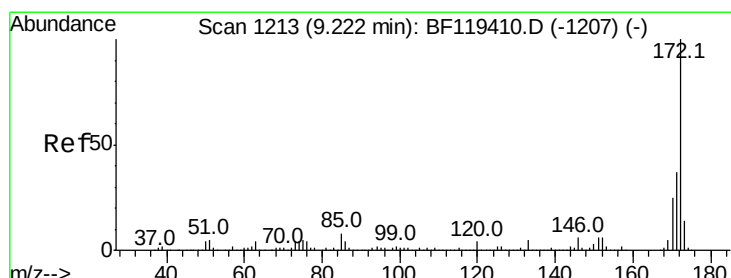
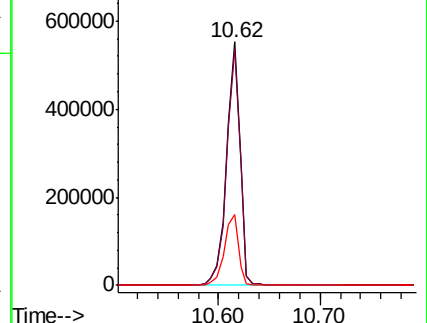
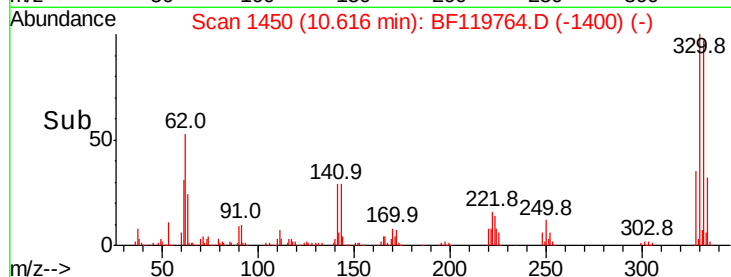
141 30.4 25.4 38.0



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: 93.169 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF119764.D

Acq: 6 Apr 2020 11:52

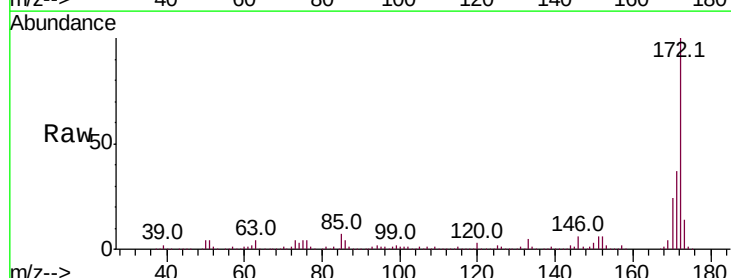
Tgt Ion:172 Resp: 2086224

Ion Ratio Lower Upper

172 100

171 36.5 29.6 44.4

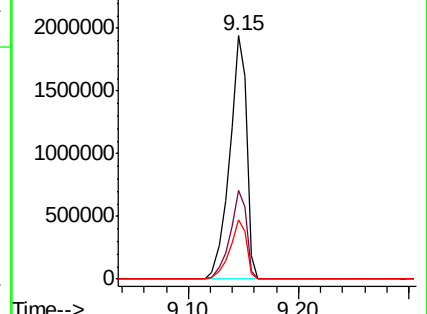
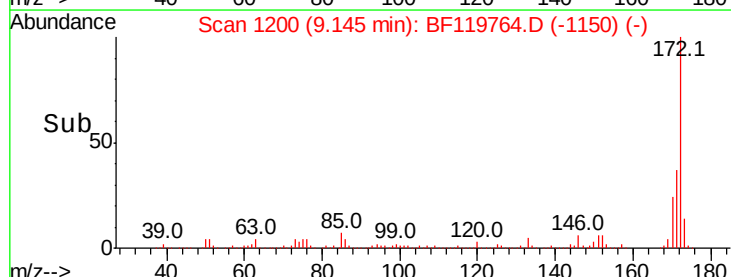
170 24.5 20.2 30.2

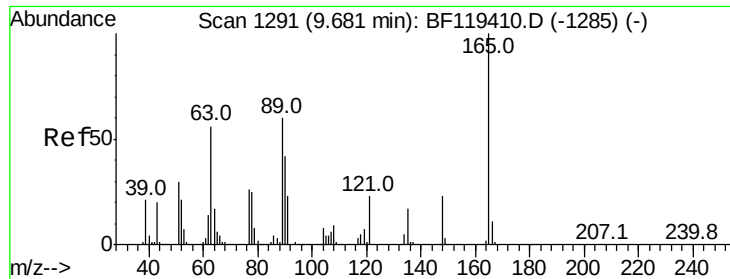


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

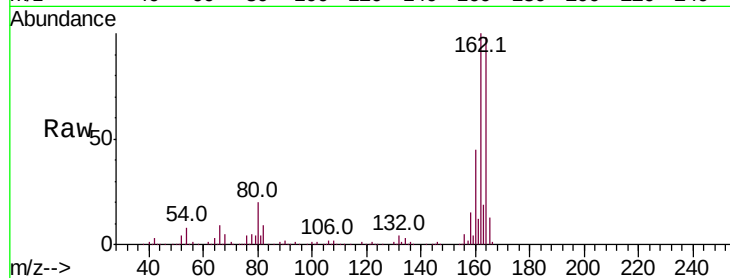




#51
 2,6-Dinitrotoluene
 Concen: 8.203 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.21 min
 Lab File: BF119764.D
 Acq: 6 Apr 2020 11:52

Instrument :
 BNA_F
 ClientSampleId :
 PB128016BL

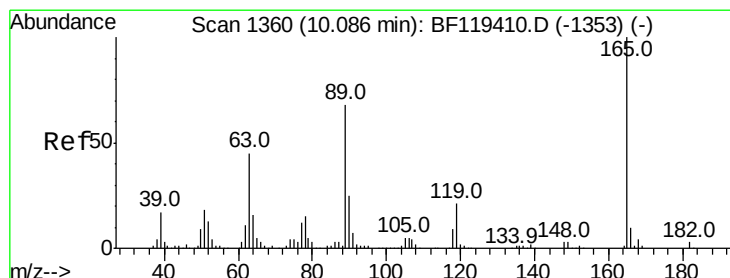
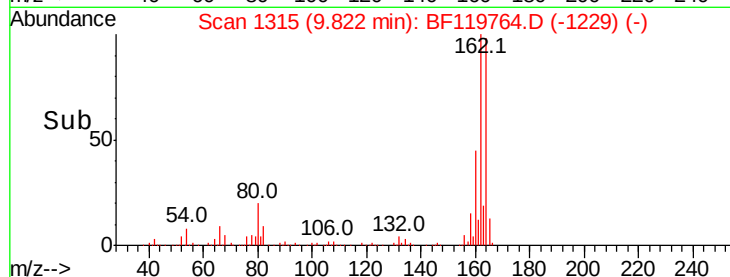
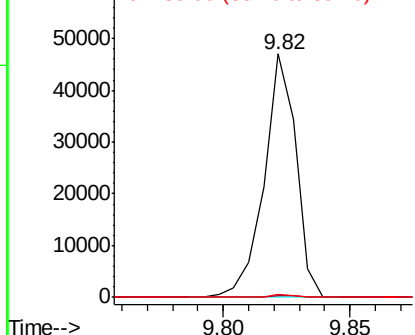
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.7	45.0	67.4#
89	1.2	41.5	62.3#



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: 6.511 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.19 min
 Lab File: BF119764.D
 Acq: 6 Apr 2020 11:52

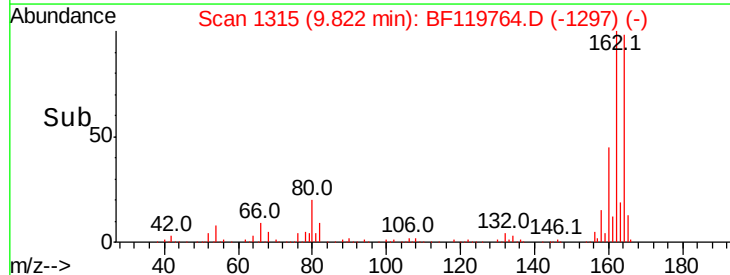
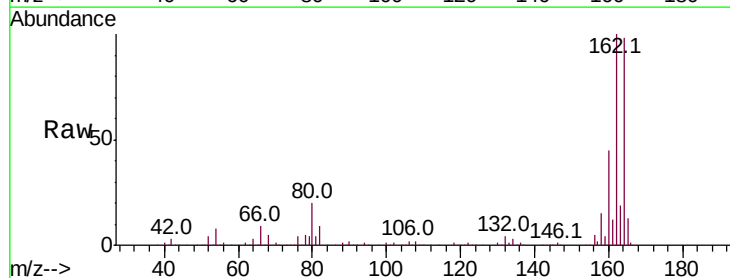
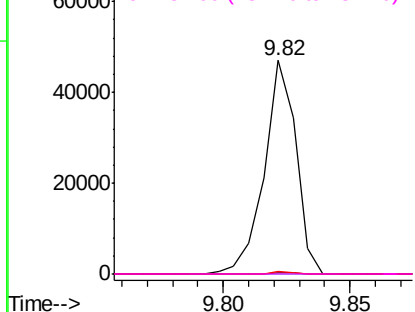
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.7	42.6	64.0#
89	1.2	61.0	91.4#
182	0.0	2.2	3.2#

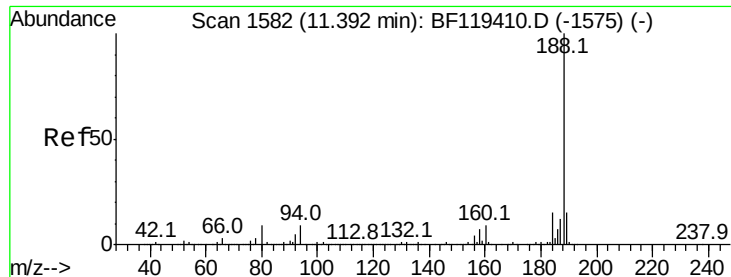
Abundance Ion 165.00 (164.70 to 165.70): E

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

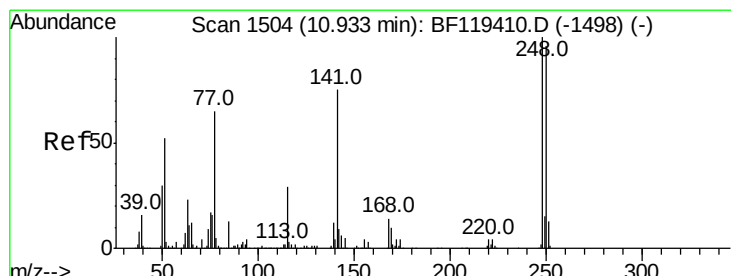
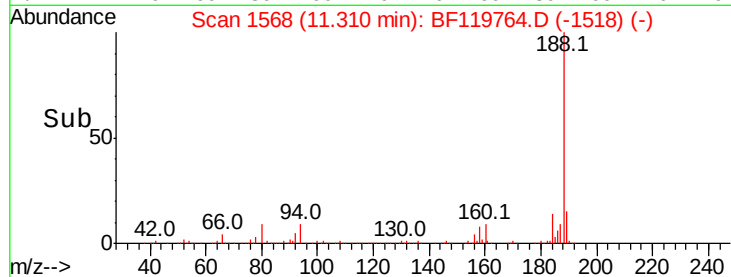
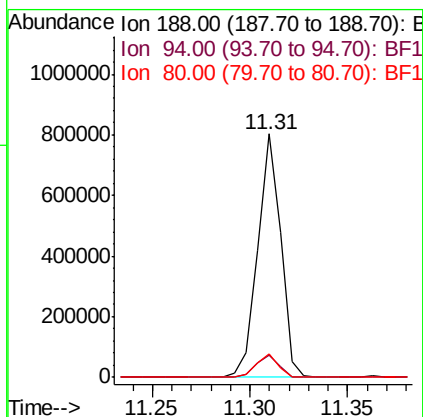
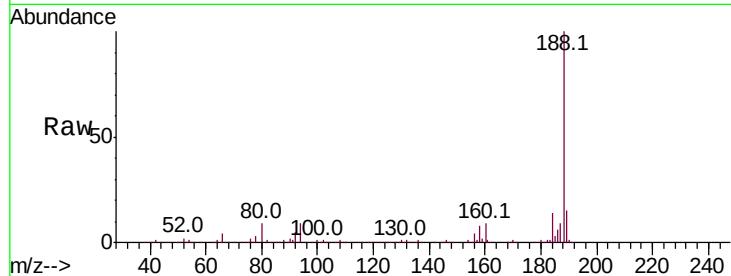




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF119764.D
Acq: 6 Apr 2020 11:52

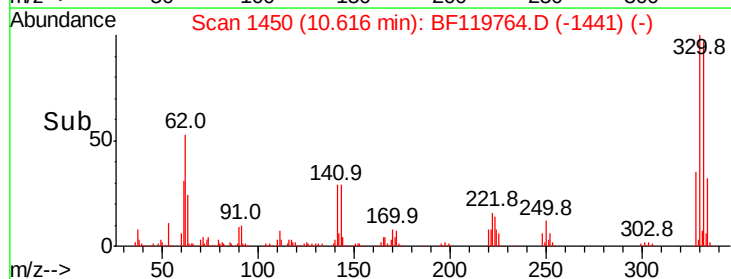
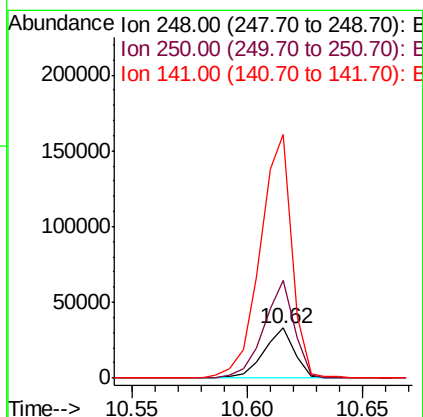
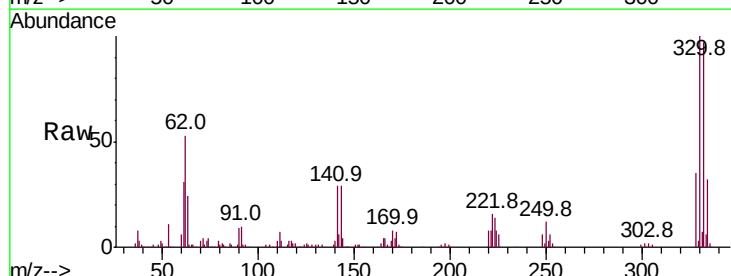
Instrument :
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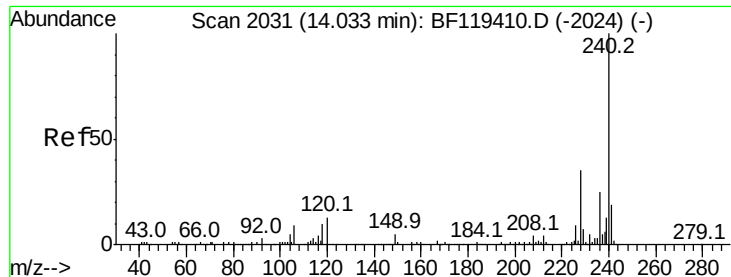
Tot Ion:188 Resp: 657091
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 9.5 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 4.022 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF119764.D
Acq: 6 Apr 2020 11:52

Tgt Ion:248 Resp: 30100
Ion Ratio Lower Upper
248 100
250 196.5 77.3 115.9#
141 489.0 58.6 87.8#

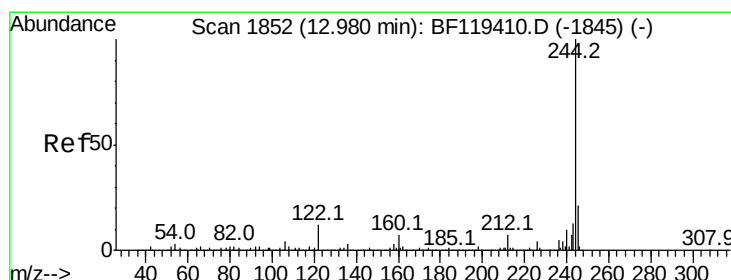
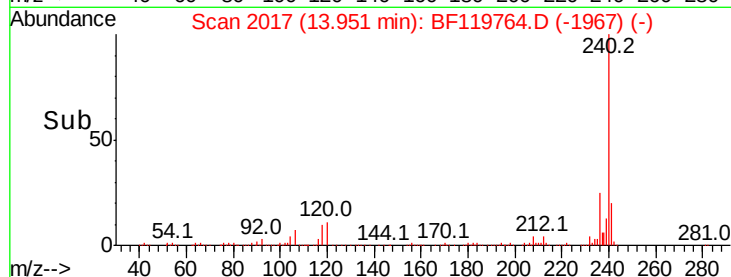
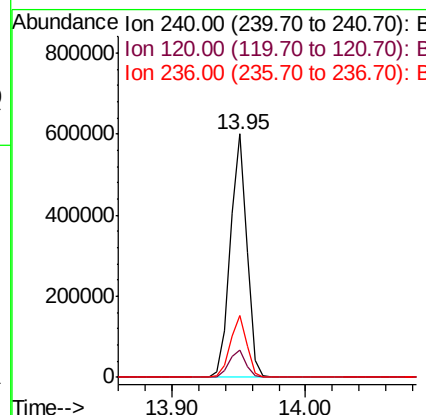
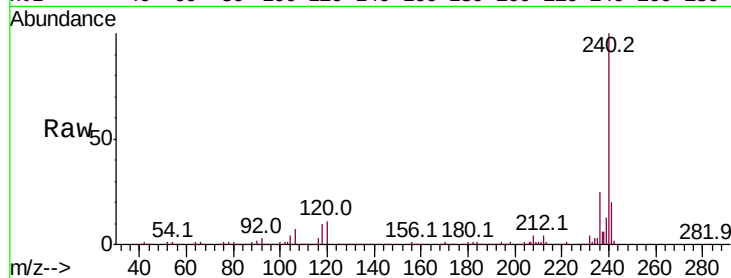




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF119764.D
 Acq: 6 Apr 2020 11:52

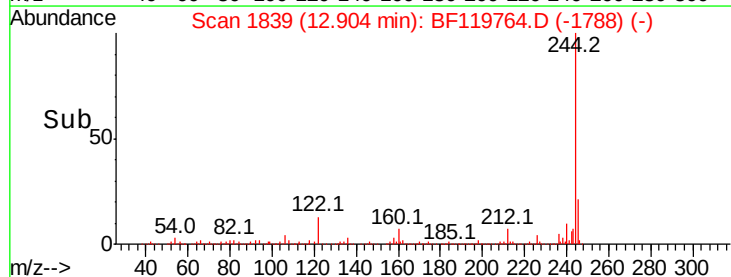
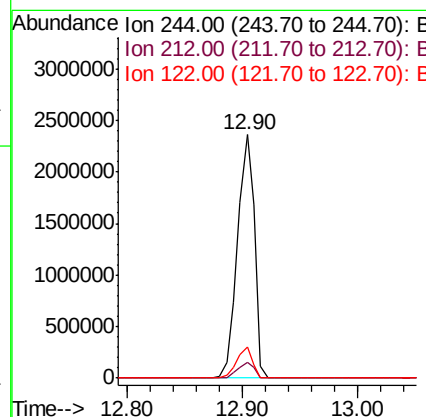
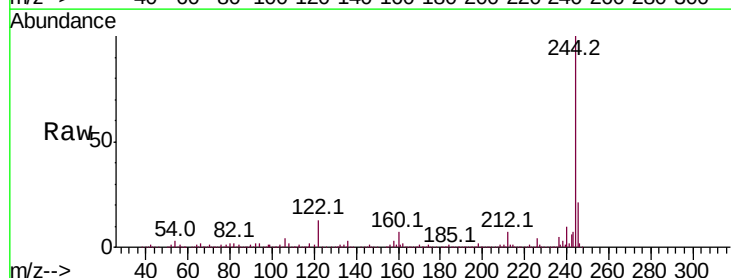
Instrument :
 BNA_F
 ClientSampleId :
 PB128016BL

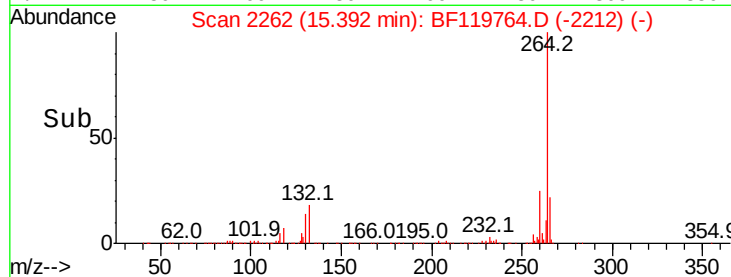
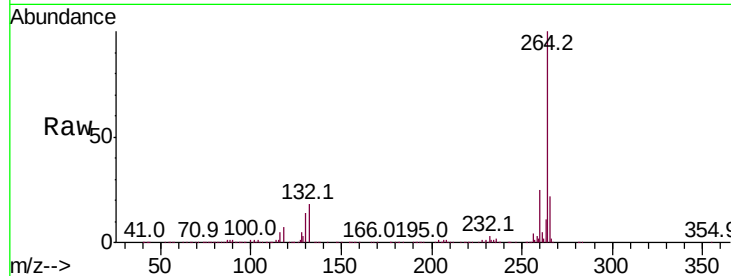
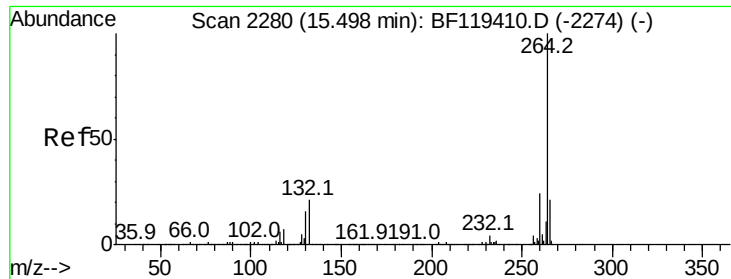
Tot Ion:240 Resp: 527345
 Ion Ratio Lower Upper
 240 100
 120 11.0 10.6 15.8
 236 25.2 20.2 30.2



#79
 Terphenyl-d14
 Concen: 89.161 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BF119764.D
 Acq: 6 Apr 2020 11:52

Tgt Ion:244 Resp: 2399881
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 12.9 10.3 15.5





#87
Pervlone-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF119764.D
Acq: 6 Apr 2020 11:52

Instrument :
BNA_F
ClientSampleId :
PB128016BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	22.0	17.7	26.5

