

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119766.D
 Acq On : 6 Apr 2020 12:45
 Operator : MA/SJ
 Sample : PB128016TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128016TB

Quant Time: Apr 06 13:21:35 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

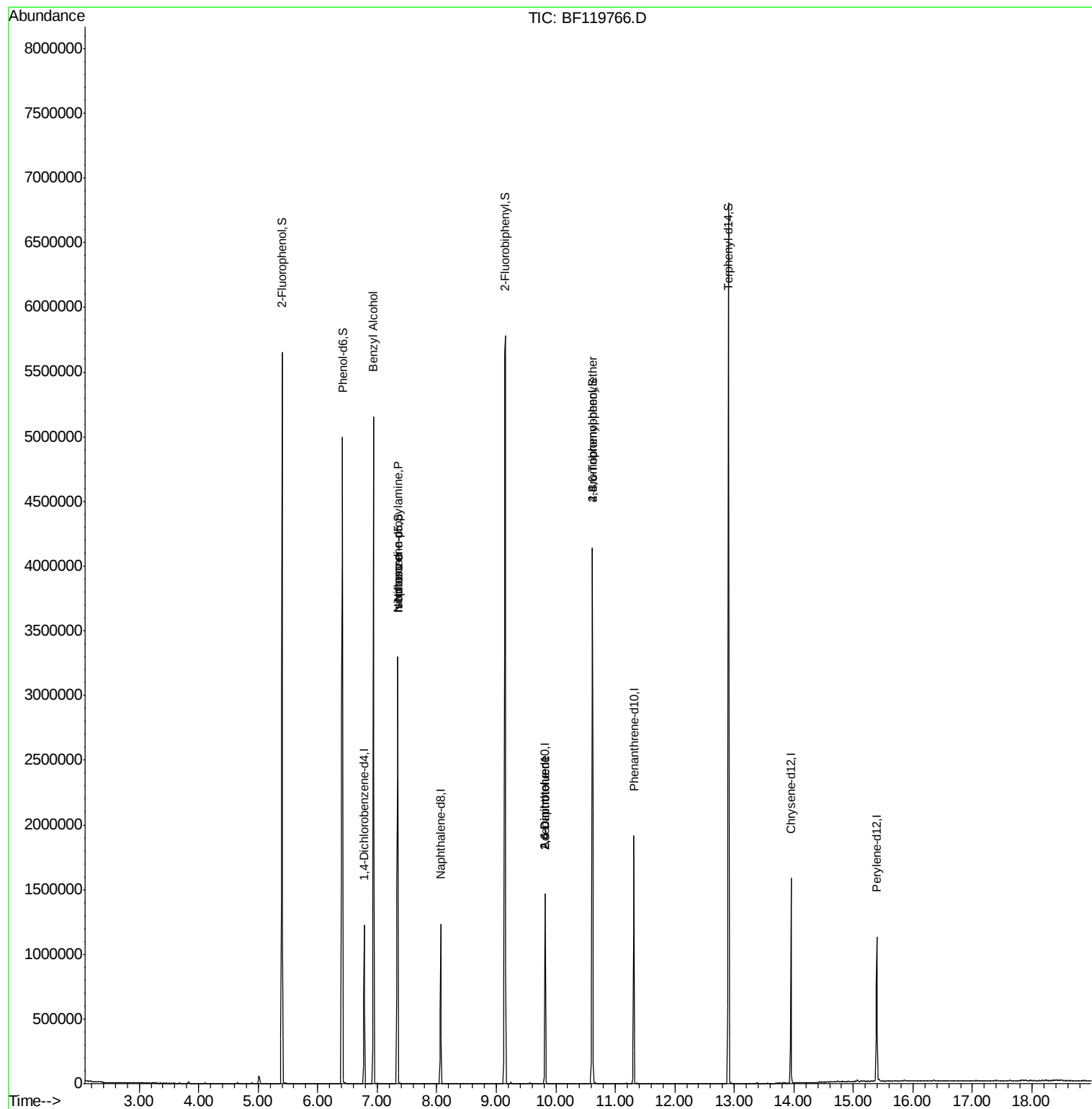
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	165379	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	624955	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	320629	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	670621	20.00	ng	0.00
76) Chrysene-d12	13.95	240	494035	20.00	ng	0.00
87) Perylene-d12	15.39	264	507195	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1574507	151.56	ng	0.02
7) Phenol-d6	6.42	99	1924836	145.04	ng	0.00
23) Nitrobenzene-d5	7.35	82	1172480	101.96	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	546868	165.33	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2206755	101.96	ng	0.00
79) Terphenyl-d14	12.90	244	2708997	107.43	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.94	79	20194	2.023	ng	# 48
19) n-Nitroso-di-n-propylamine	7.35	70	153379	19.175	ng	# 77
25) Isophorone	7.35	82	1171217	50.210	ng	# 65
51) 2,6-Dinitrotoluene	9.82	165	40461	8.289	ng	# 25
57) 2,4-Dinitrotoluene	9.82	165	40461	6.580	ng	# 19
67) 4-Bromophenyl-phenylether	10.62	248	31670	4.147	ng	# 1

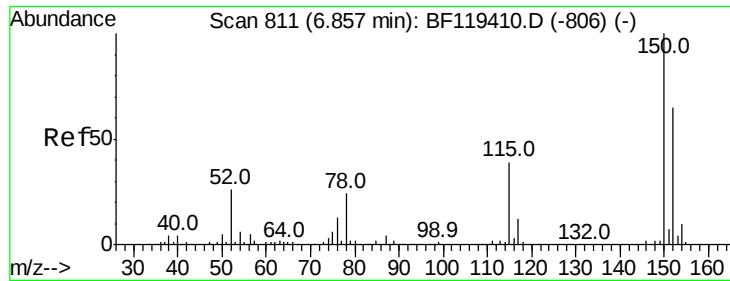
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119766.D
Acq On : 6 Apr 2020 12:45
Operator : MA/SJ
Sample : PB128016TB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB128016TB

Quant Time: Apr 06 13:21:35 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



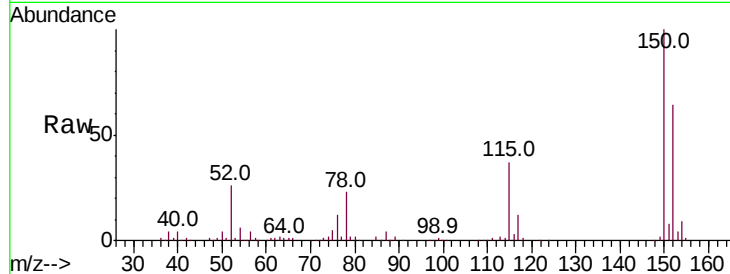


#1

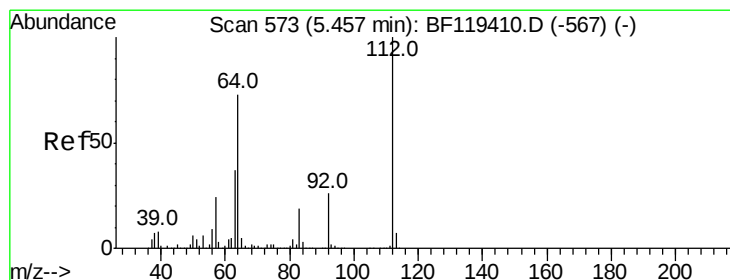
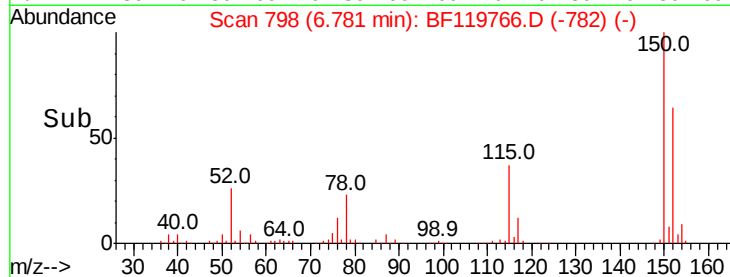
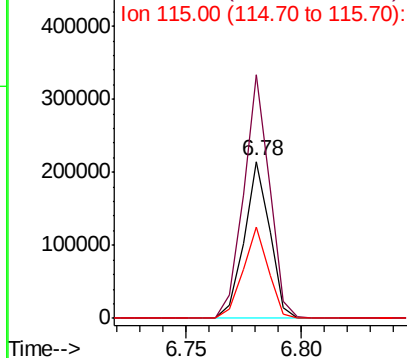
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119766.D
Acq: 6 Apr 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB128016TB

Tot Ion:152 Resp: 165379
Ion Ratio Lower Upper
152 100
150 155.5 124.5 186.7
115 58.0 49.6 74.4



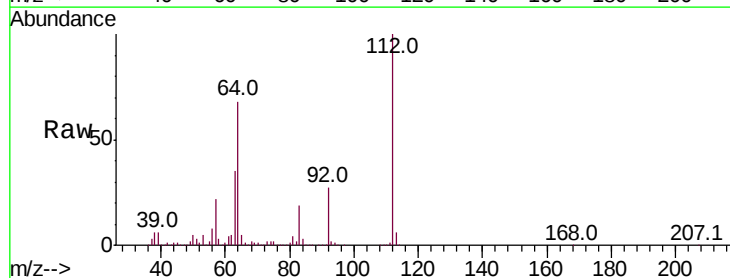
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



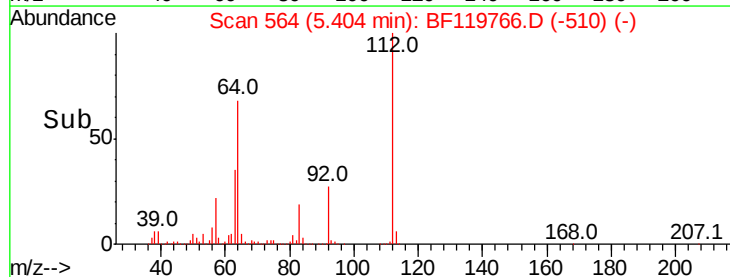
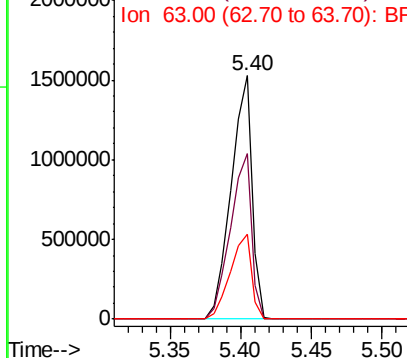
#5

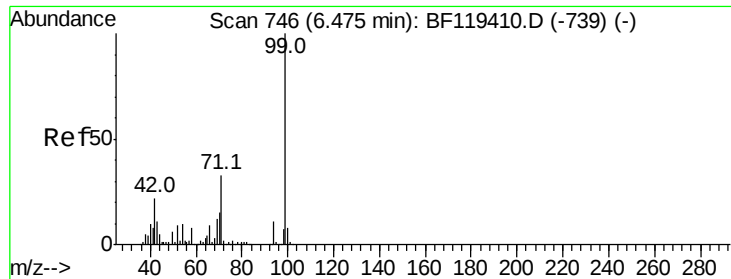
2-Fluorophenol
Concen: 151.559 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF119766.D
Acq: 6 Apr 2020 12:45

Tgt Ion:112 Resp: 1574507
Ion Ratio Lower Upper
112 100
64 68.2 56.7 85.1
63 34.9 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: 145.042 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119766.D

Acq: 6 Apr 2020 12:45

Instrument :

BNA_F

ClientSampleId :

PB128016TB

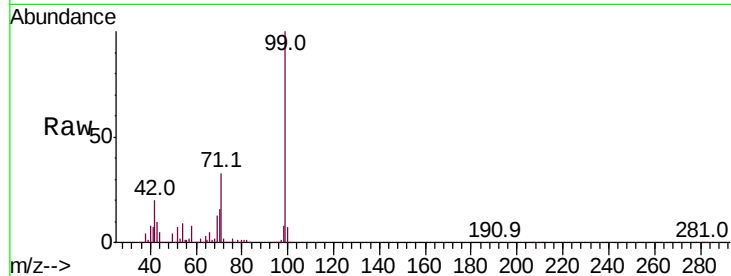
Tot Ion: 99 Resp: 1924836

Ion Ratio Lower Upper

99 100

42 20.0 16.6 24.8

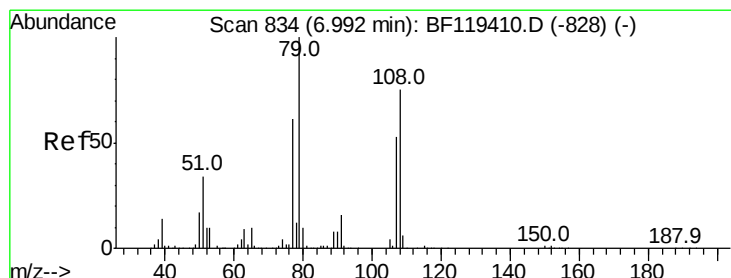
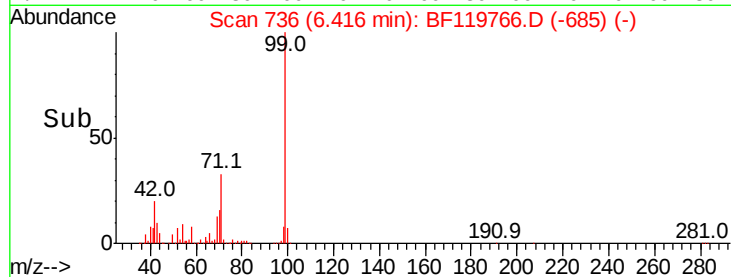
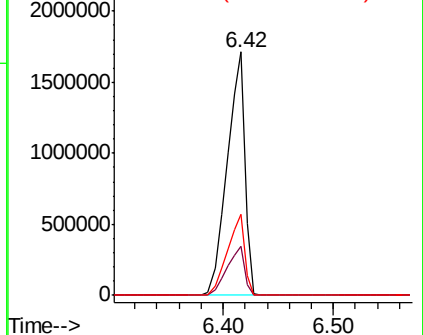
71 33.4 26.4 39.6



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



#15

Benzyl Alcohol

Concen: 2.023 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.01 min

Lab File: BF119766.D

Acq: 6 Apr 2020 12:45

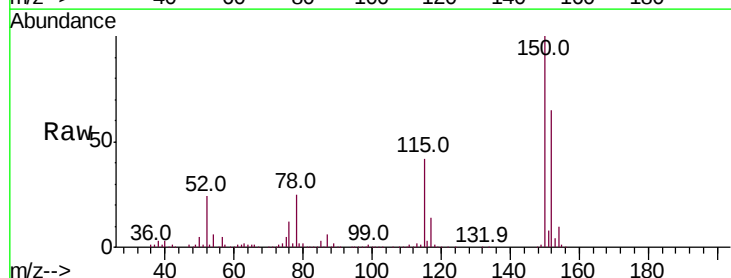
Tgt Ion: 79 Resp: 20194

Ion Ratio Lower Upper

79 100

108 29.0 60.6 90.8#

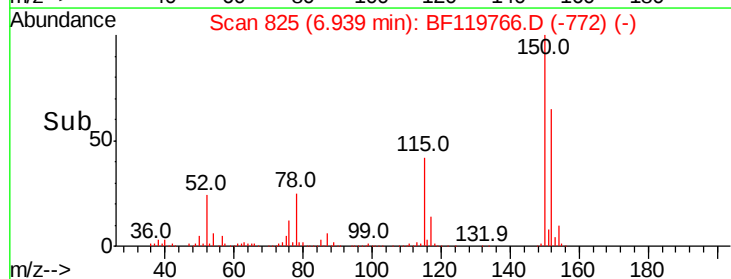
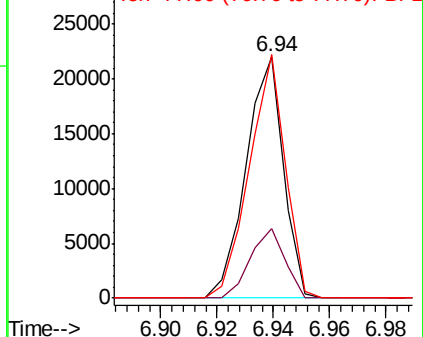
77 100.9 50.2 75.2#

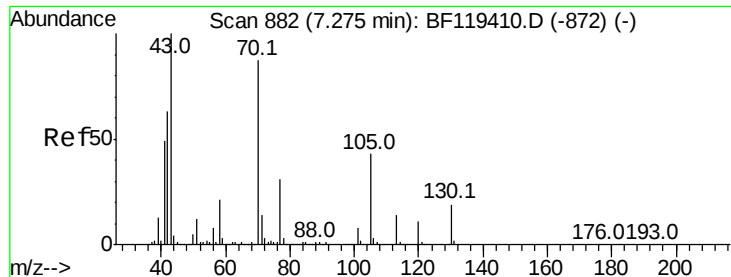


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

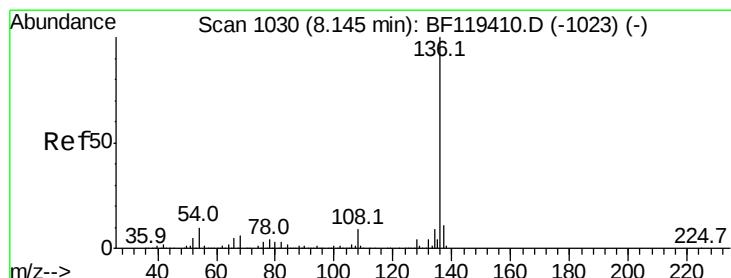
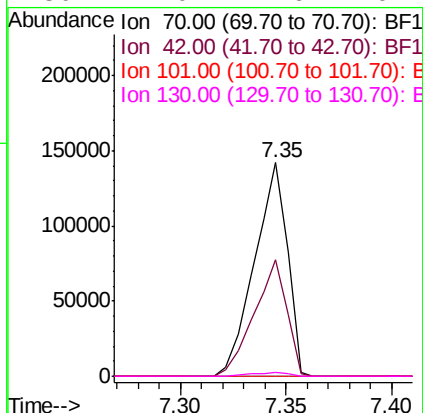
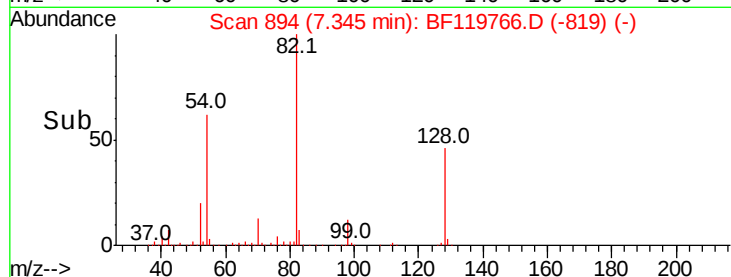
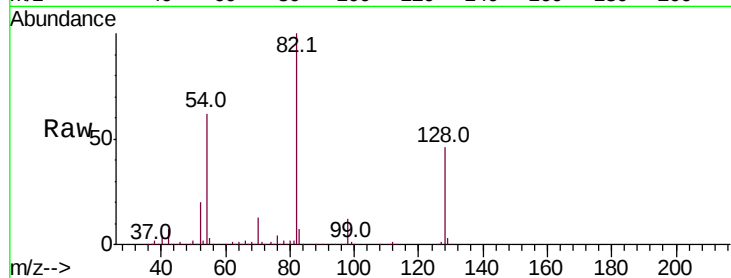




#19
n-Nitroso-di-n-propylamine
Concen: 19.175 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BF119766.D
Acq: 6 Apr 2020 12:45

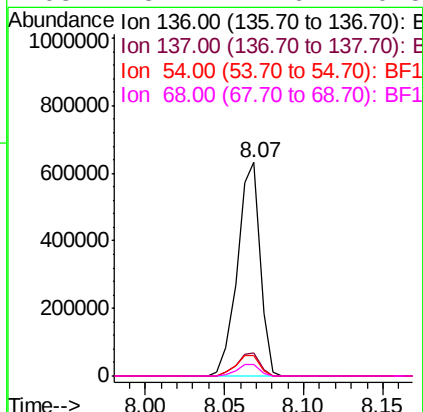
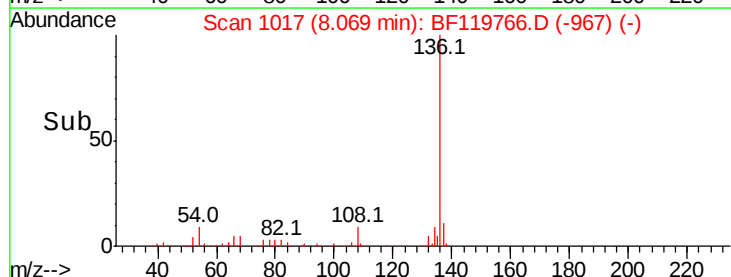
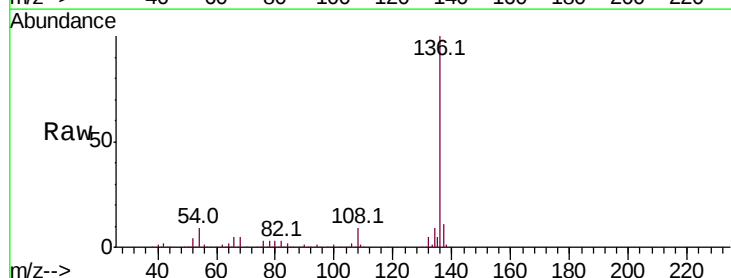
Instrument :
BNA_F
ClientSampleId :
PB128016TB

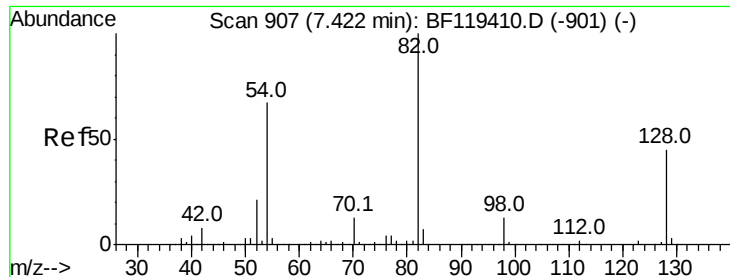
Tot Ion: 70 Resp: 153379
Ion Ratio Lower Upper
70 100
42 54.6 54.5 81.7
101 0.0 7.6 11.4#
130 2.0 17.6 26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF119766.D
Acq: 6 Apr 2020 12:45

Tgt Ion:136 Resp: 624955
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.4 9.1 13.7
68 5.2 4.6 6.8

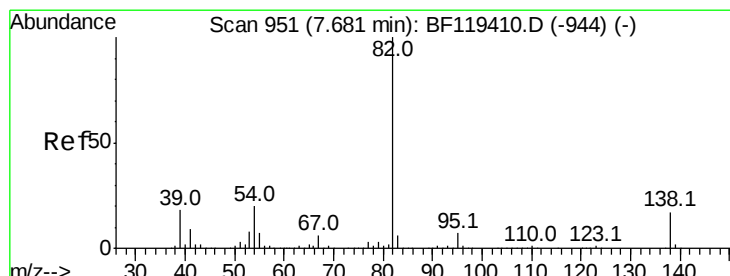
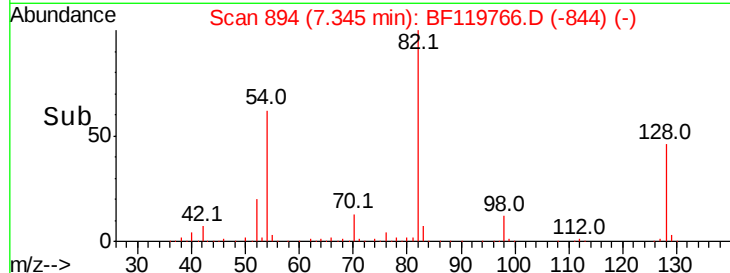
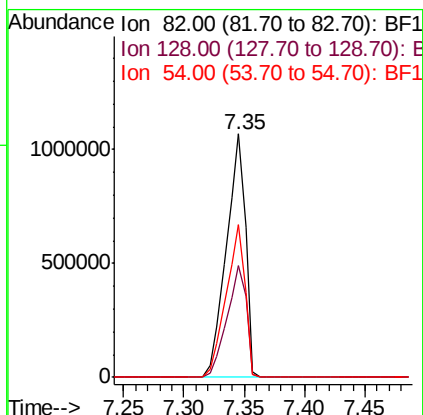
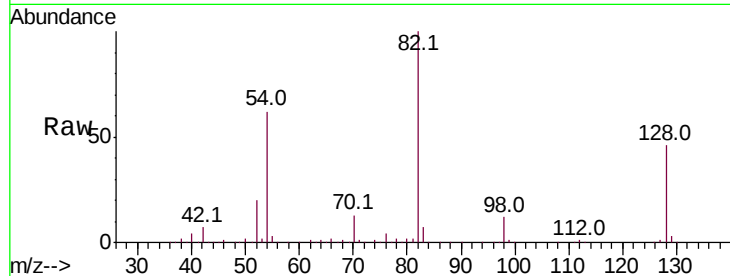




#23
 Nitrobenzene-d5
 Concen: 101.962 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF119766.D
 Acq: 6 Apr 2020 12:45

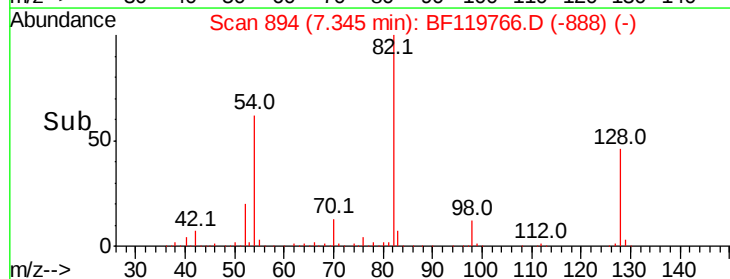
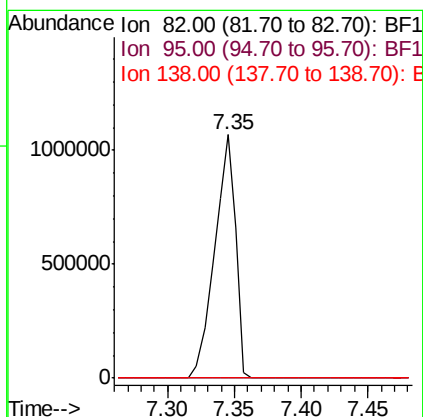
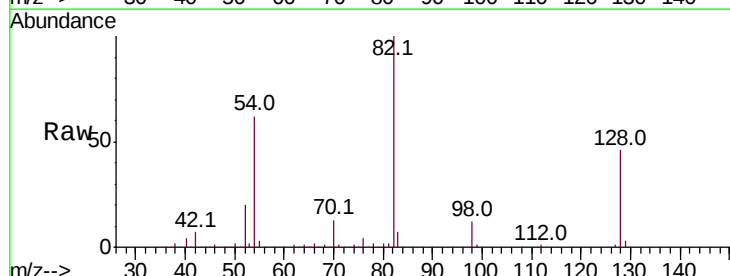
Instrument :
 BNA_F
 ClientSampleId :
 PB128016TB

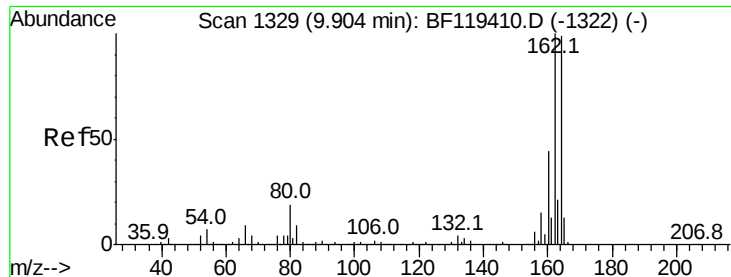
Tot Ion: 82 Resp: 1172480
 Ion Ratio Lower Upper
 82 100
 128 46.0 36.3 54.5
 54 62.5 50.6 75.8



#25
 Isophorone
 Concen: 50.210 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.26 min
 Lab File: BF119766.D
 Acq: 6 Apr 2020 12:45

Tgt Ion: 82 Resp: 1171217
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.8 8.6#
 138 0.0 14.6 21.8#

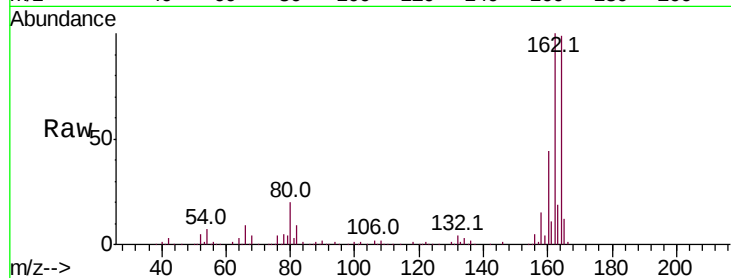




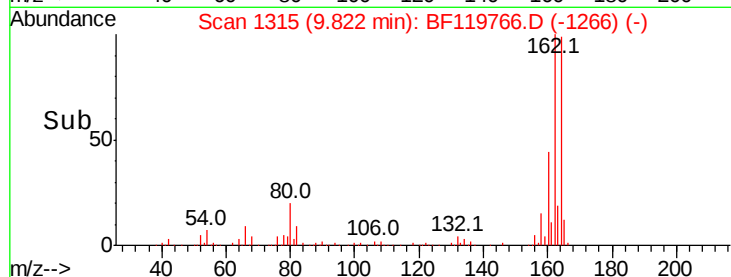
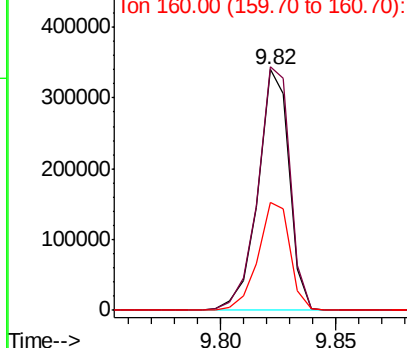
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF119766.D
Acq: 6 Apr 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB128016TB

Tot Ion:164 Resp: 320629
Ion Ratio Lower Upper
164 100
162 101.2 80.6 121.0
160 44.7 35.7 53.5

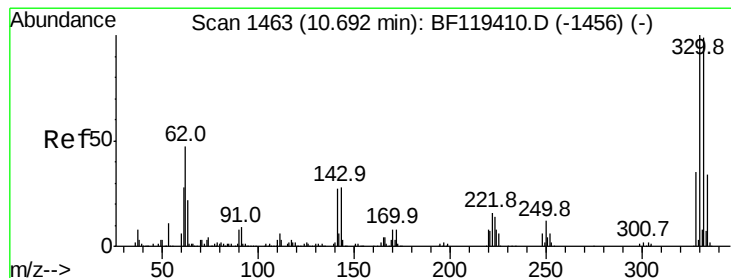


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

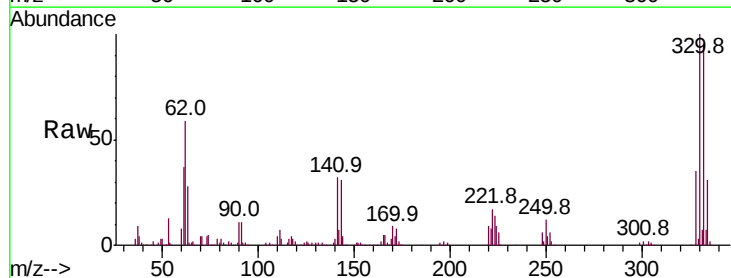
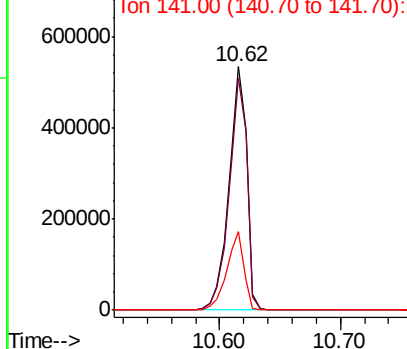


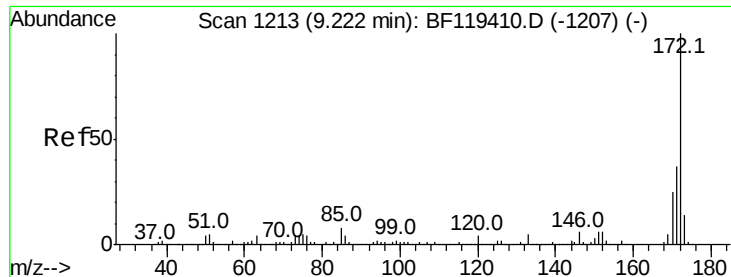
#42
2,4,6-Tribromophenol
Concen: 165.326 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF119766.D
Acq: 6 Apr 2020 12:45

Tgt Ion:330 Resp: 546868
Ion Ratio Lower Upper
330 100
332 96.0 75.7 113.5
141 30.7 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

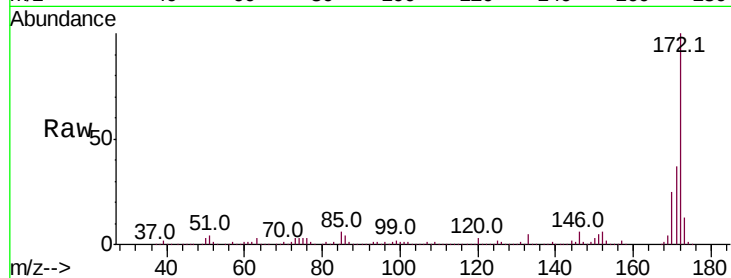




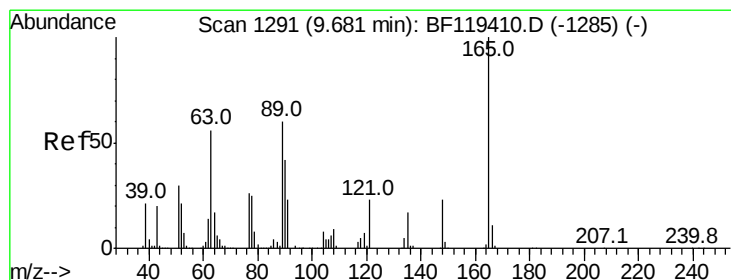
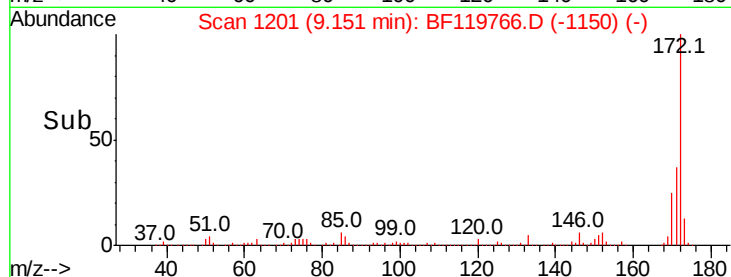
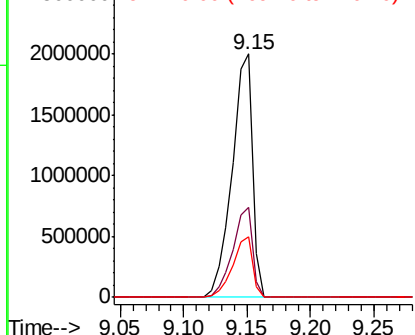
#45
 2-Fluorobiphenyl
 Concen: 101.964 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF119766.D
 Acq: 6 Apr 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB128016TB

Tot Ion:172 Resp: 2206755
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.6 44.4
 170 24.7 20.2 30.2

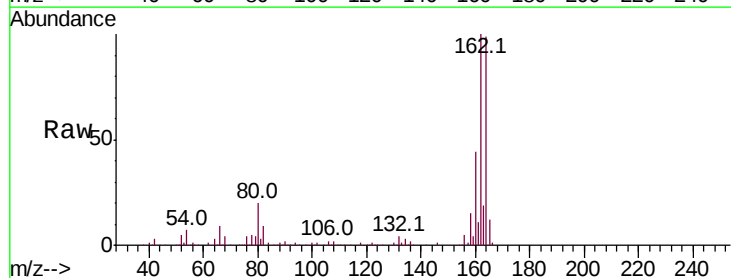


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

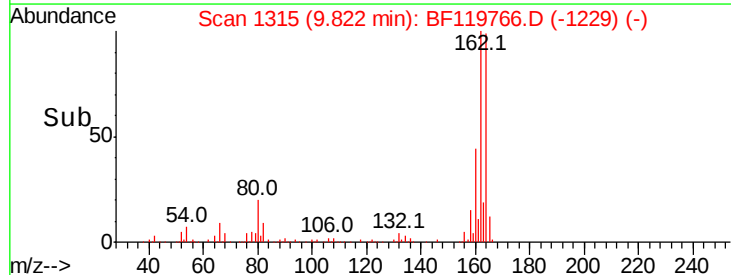
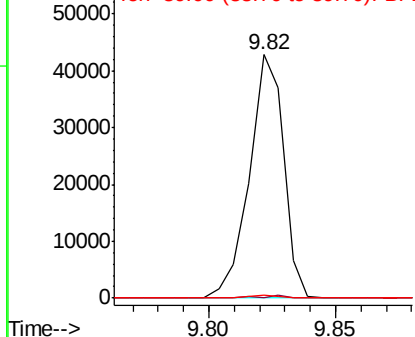


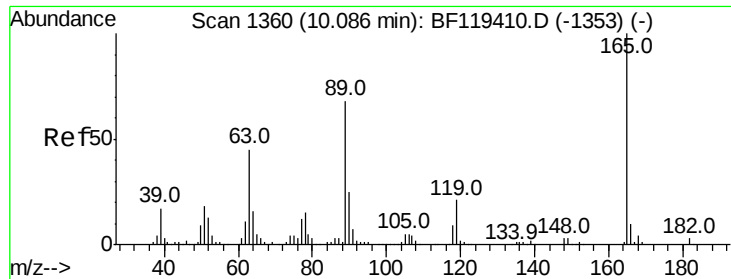
#51
 2,6-Dinitrotoluene
 Concen: 8.289 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.21 min
 Lab File: BF119766.D
 Acq: 6 Apr 2020 12:45

Tgt Ion:165 Resp: 40461
 Ion Ratio Lower Upper
 165 100
 63 0.0 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: 6.580 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.19 min

Lab File: BF119766.D

Acq: 6 Apr 2020 12:45

Instrument :

BNA_F

ClientSampleId :

PB128016TB

Tot Ion:165 Resp: 40461

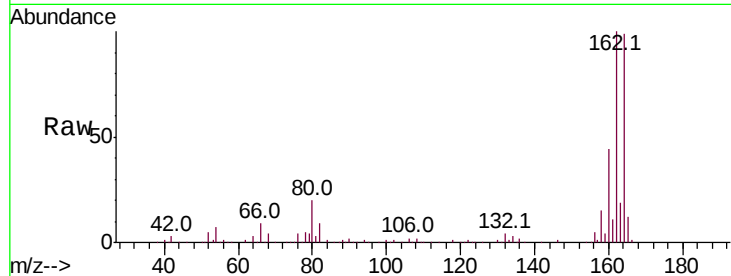
Ion Ratio Lower Upper

165 100

63 0.0 42.6 64.0#

89 1.2 61.0 91.4#

182 0.0 2.2 3.2#

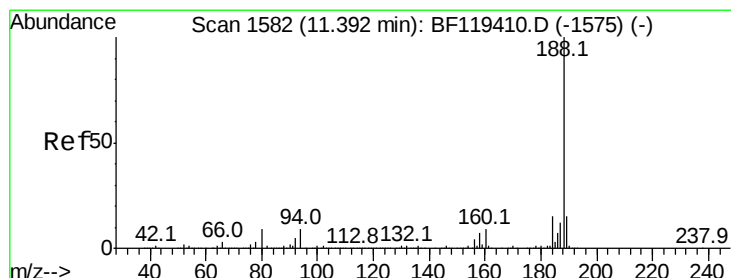
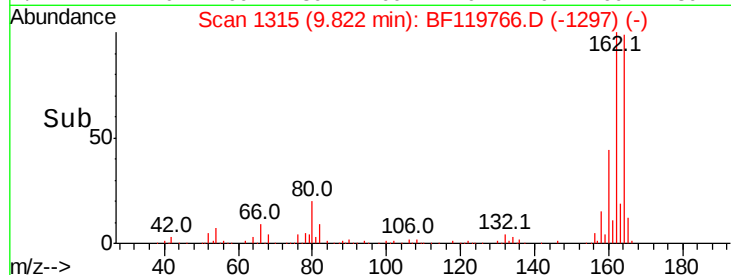
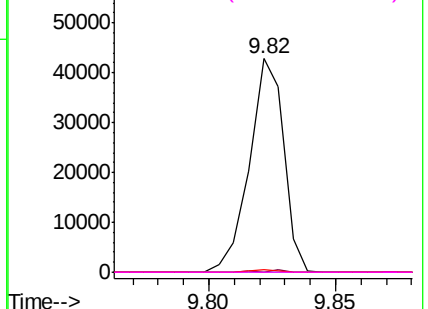


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF119766.D

Acq: 6 Apr 2020 12:45

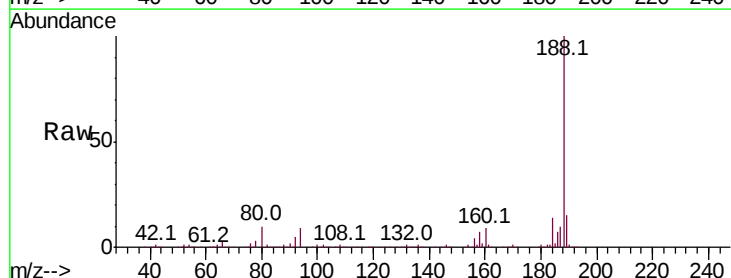
Tgt Ion:188 Resp: 670621

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

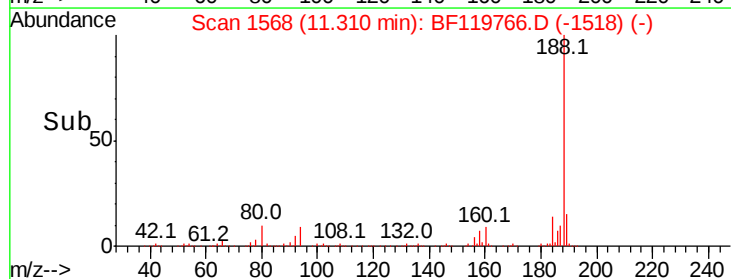
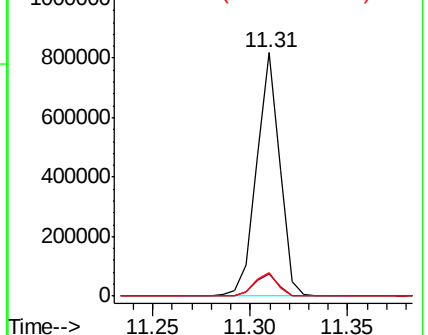
80 9.6 9.0 13.4

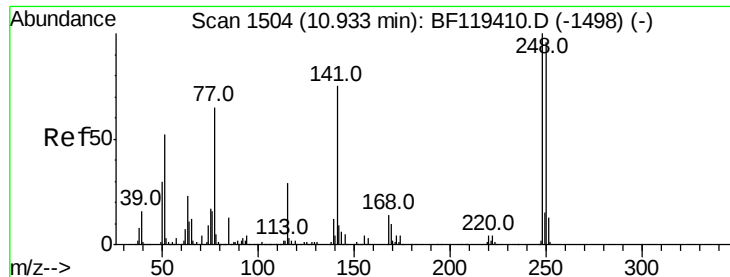


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

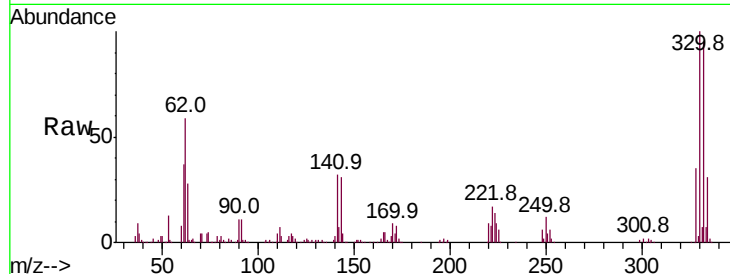




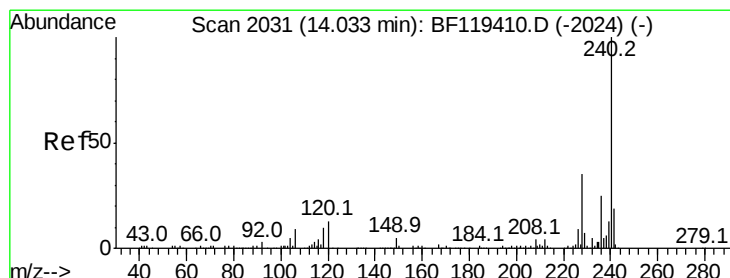
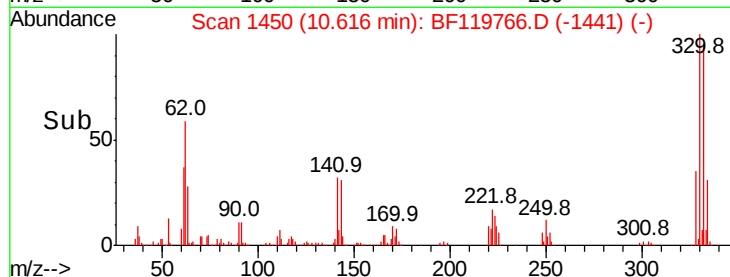
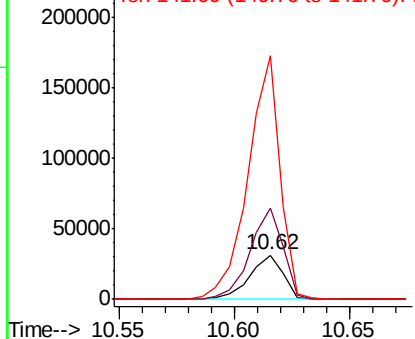
#67
4-Bromophenyl-phenylether
Concen: 4.147 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF119766.D
Acq: 6 Apr 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB128016TB

Tot Ion:248 Resp: 31670
Ion Ratio Lower Upper
248 100
250 206.6 77.3 115.9#
141 547.7 58.6 87.8#

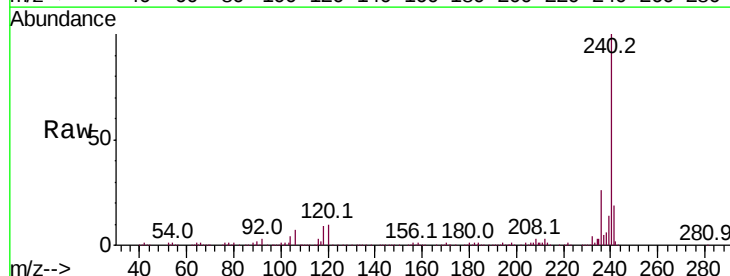


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

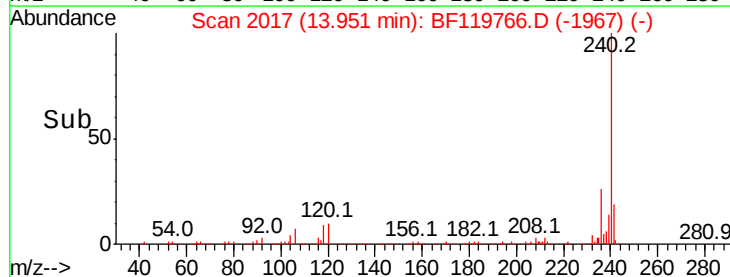
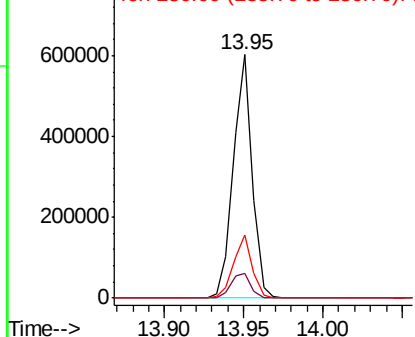


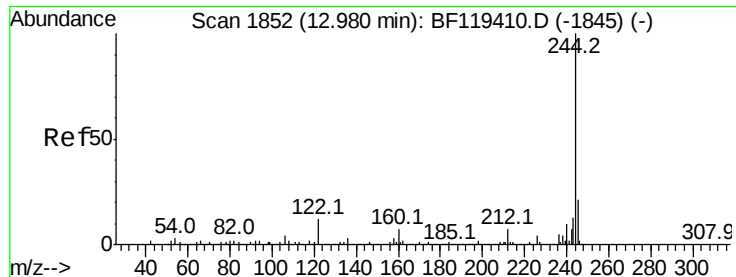
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF119766.D
Acq: 6 Apr 2020 12:45

Tgt Ion:240 Resp: 494035
Ion Ratio Lower Upper
240 100
120 10.3 10.6 15.8#
236 25.8 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: 107.432 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF119766.D

Acq: 6 Apr 2020 12:45

Instrument :

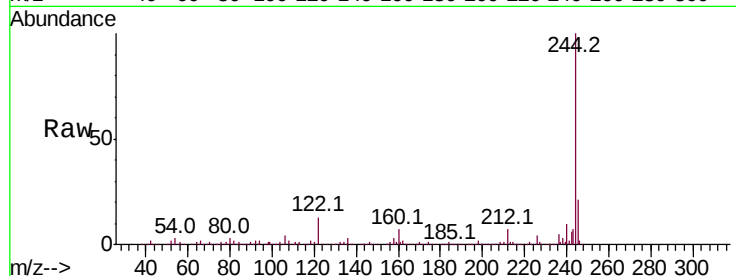
BNA_F

ClientSampleId :

PB128016TB

Tot Ion:244 Resp: 2708997

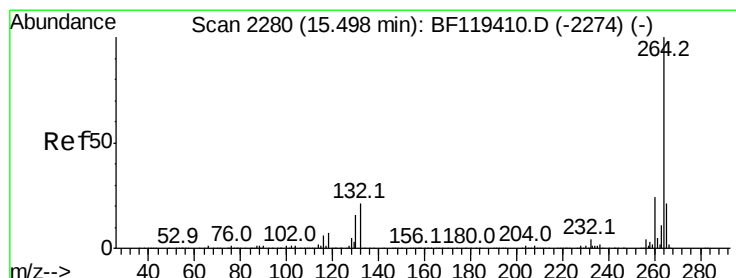
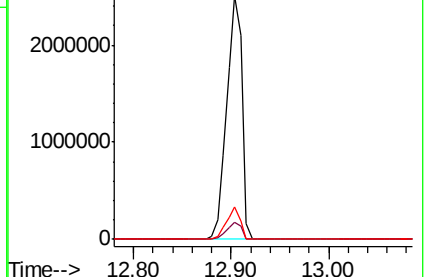
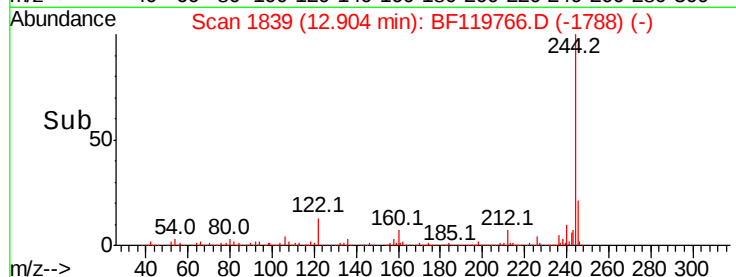
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	13.3	10.3	15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

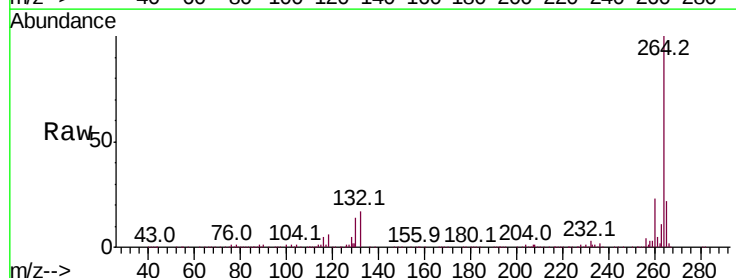
Delta R.T. -0.01 min

Lab File: BF119766.D

Acq: 6 Apr 2020 12:45

Tgt Ion:264 Resp: 507195

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.9	17.7	26.5



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

