

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
 Data File : BF120516.D
 Acq On : 3 Jun 2020 18:20
 Operator : JU/CG
 Sample : L2839-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM1-COMP-2020-0-6

Quant Time: Jun 03 18:52:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 03 14:26:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	151027	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	679369	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	358663	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	578122	20.00	ng	0.00
76) Chrysene-d12	14.00	240	343812	20.00	ng	-0.01
86) Perylene-d12	15.46	264	389911	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	615044	77.61	ng	0.00
7) Phenol-d6	6.47	99	795839	81.47	ng	0.00
23) Nitrobenzene-d5	7.40	82	570664	54.95	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	268222	80.71	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1349370	63.83	ng	0.00
79) Terphenyl-d14	12.94	244	1170431	75.75	ng	0.00

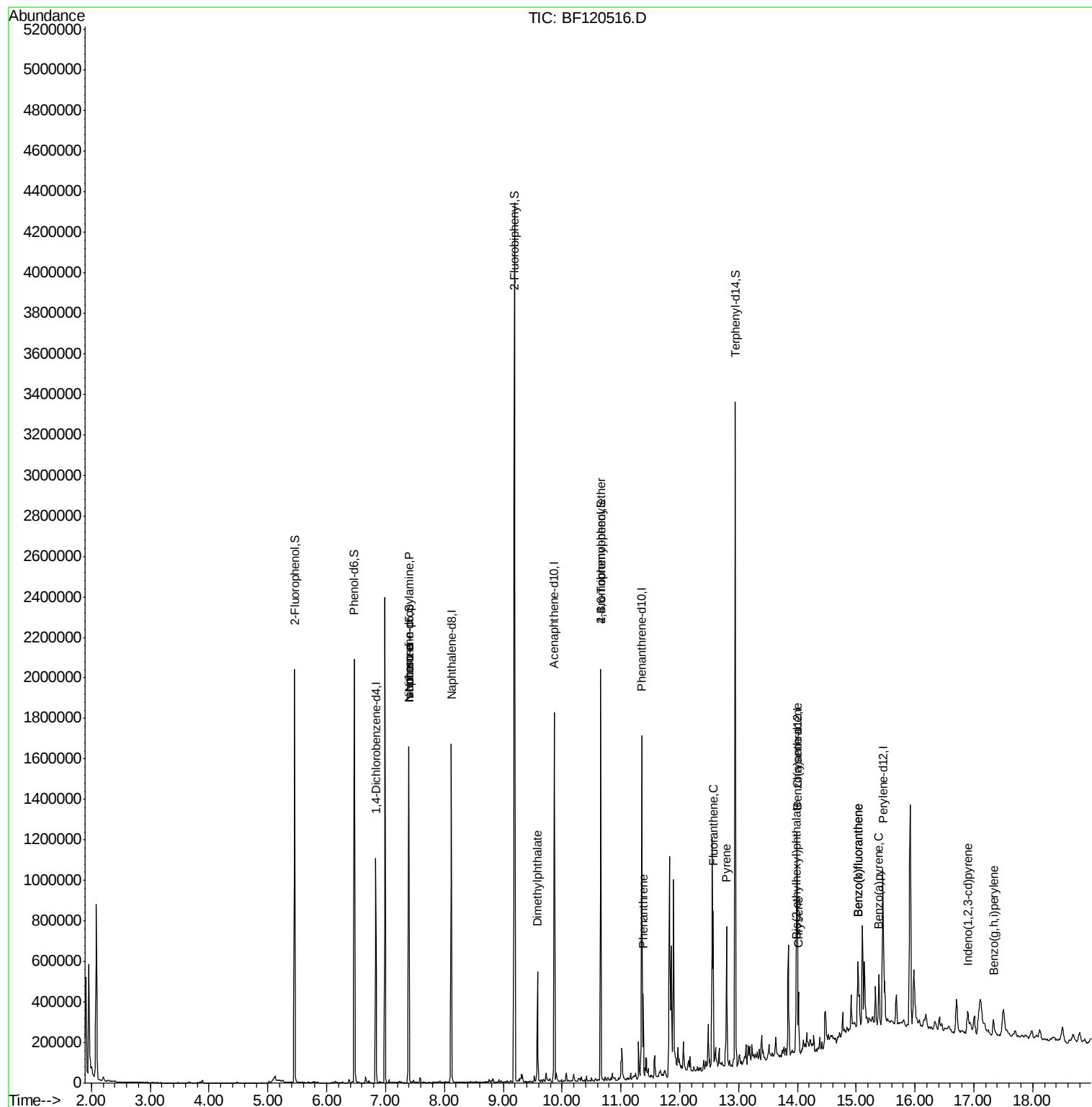
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.39	70	77474	12.477	ng	# 79
25) Isophorone	7.40	82	568432	27.231	ng	# 64
50) Dimethylphthalate	9.59	163	224693	10.021	ng	99
67) 4-Bromophenyl-phenylether	10.66	248	16105	2.760	ng	# 1
71) Phenanthrene	11.38	178	138127	5.422	ng	97
75) Fluoranthene	12.57	202	276102	10.073	ng	99
78) Pyrene	12.80	202	261743	10.947	ng	97
81) Benzo(a)anthracene	13.99	228	125333	6.802	ng	97
83) Chrysene	14.02	228	109368	5.662	ng	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	44848	3.827	ng	99
87) Indeno(1,2,3-cd)pyrene	16.90	276	69601	3.264	ng	96
88) Benzo(b)fluoranthene	15.03	252	236122	10.903	ng	# 97
89) Benzo(k)fluoranthene	15.03	252	236122	11.679	ng	# 96
90) Benzo(a)pyrene	15.39	252	121559	6.417	ng	99
92) Benzo(a,h,i)perylene	17.33	276	66615	3.885	ng	98

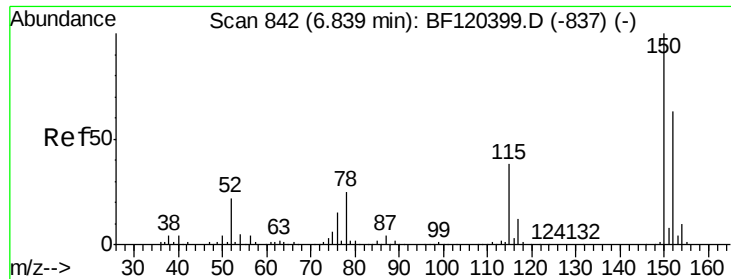
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120516.D
Acq On : 3 Jun 2020 18:20
Operator : JU/CG
Sample : L2839-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NM1-COMP-2020-0-6

Quant Time: Jun 03 18:52:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 03 14:26:17 2020
Response via : Initial Calibration



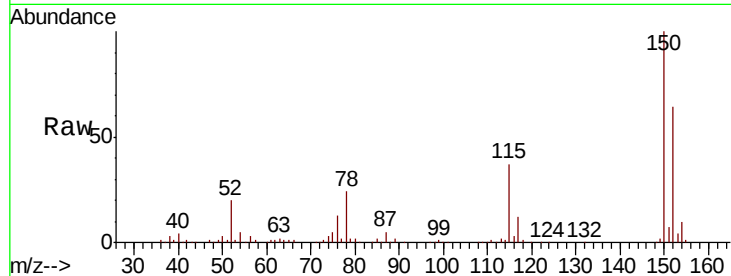


#1

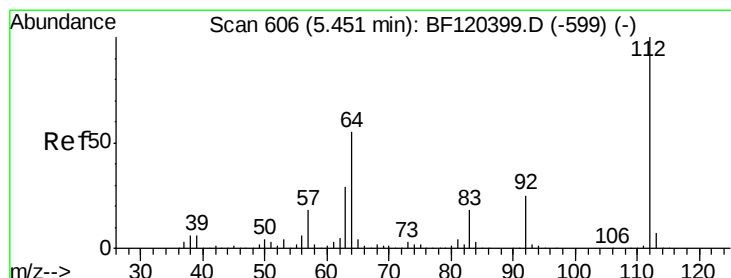
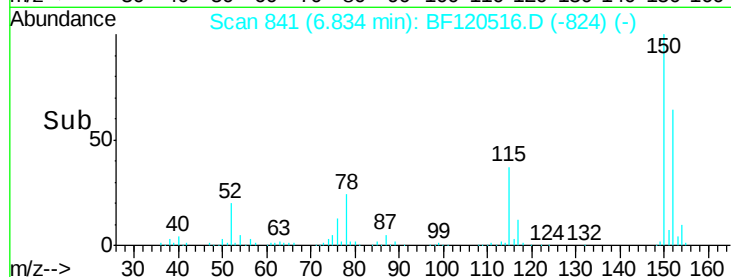
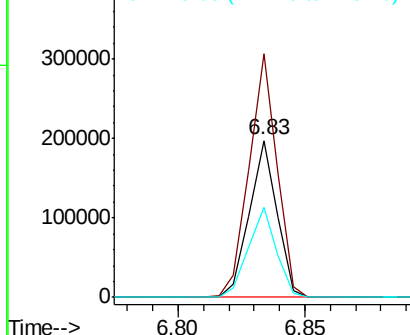
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF120516.D
Acq: 3 Jun 2020 18:20

Instrument :
BNA_F
ClientSampleId :
NM1-COMP-2020-0-6

Tot Ion:152 Resp: 151027
Ion Ratio Lower Upper
152 100
150 155.1 127.1 190.7
115 57.6 48.7 73.1



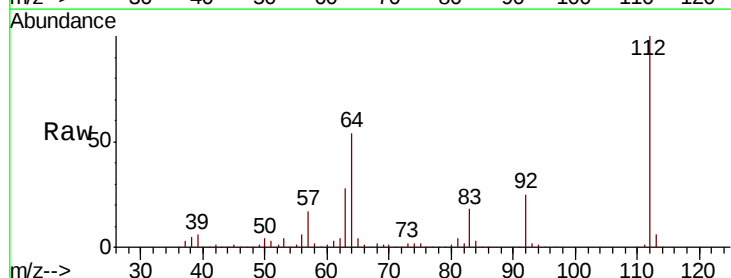
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



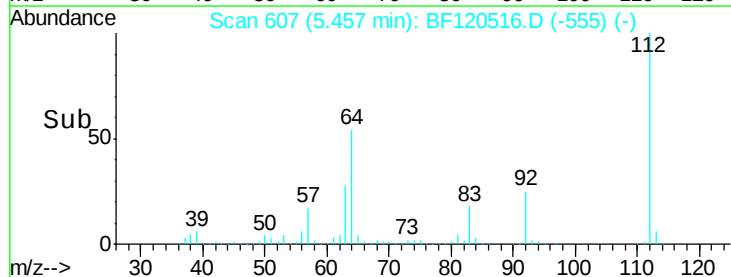
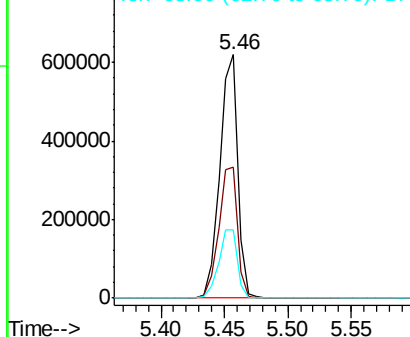
#5

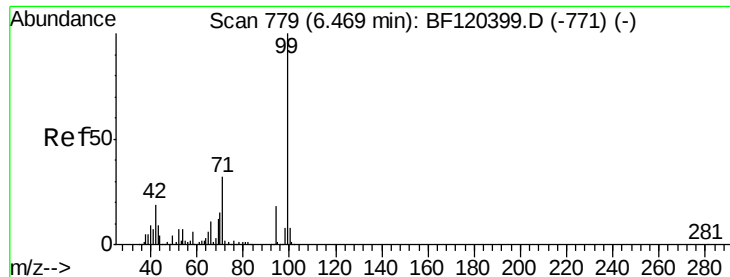
2-Fluorophenol
Concen: 77.610 ng
RT: 5.46 min Scan# 607
Delta R.T. 0.01 min
Lab File: BF120516.D
Acq: 3 Jun 2020 18:20

Tgt Ion:112 Resp: 615044
Ion Ratio Lower Upper
112 100
64 53.7 45.8 68.8
63 28.2 23.7 35.5



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: 81.475 ng

RT: 6.47 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF120516.D

Acq: 3 Jun 2020 18:20

Instrument :

BNA_F

ClientSampleId :

NM1-COMP-2020-0-6

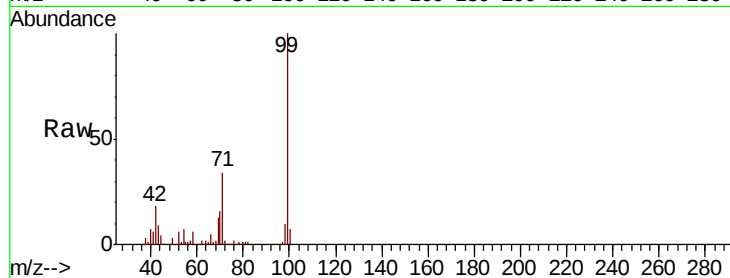
Tot Ion: 99 Resp: 795839

Ion Ratio Lower Upper

99 100

42 17.9 15.0 22.4

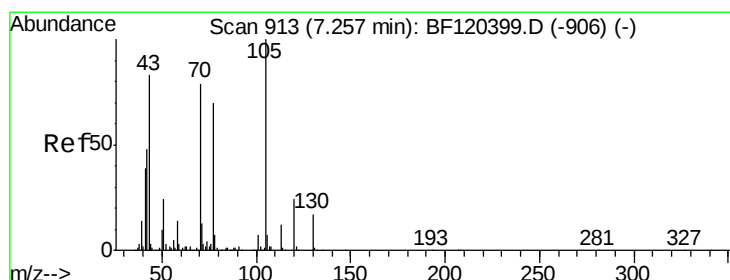
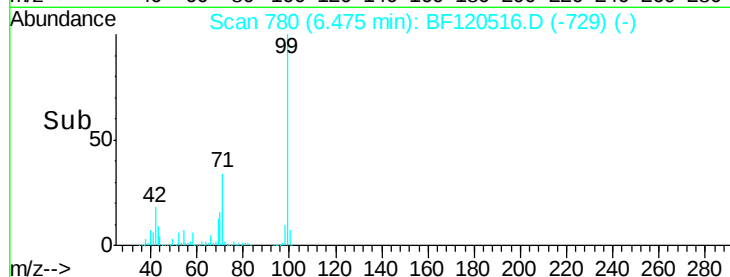
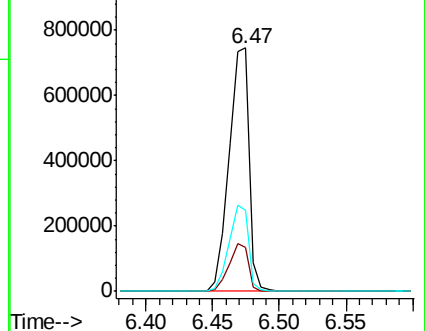
71 33.5 26.3 39.5



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: 12.477 ng

RT: 7.39 min Scan# 936

Delta R.T. 0.14 min

Lab File: BF120516.D

Acq: 3 Jun 2020 18:20

Tgt Ion: 70 Resp: 77474

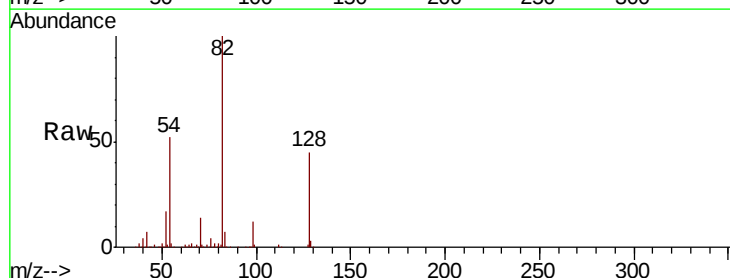
Ion Ratio Lower Upper

70 100

42 49.1 47.6 71.4

101 0.0 7.4 11.0#

130 2.1 17.1 25.7#

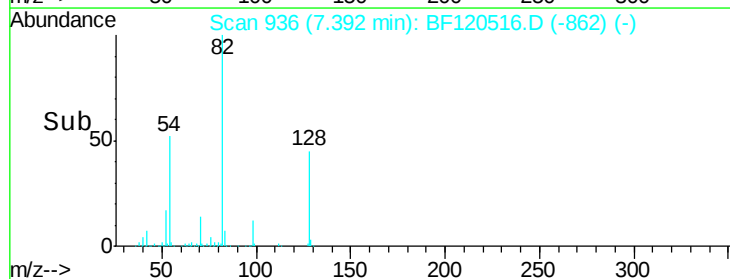
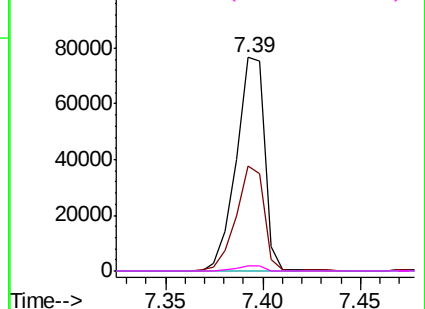


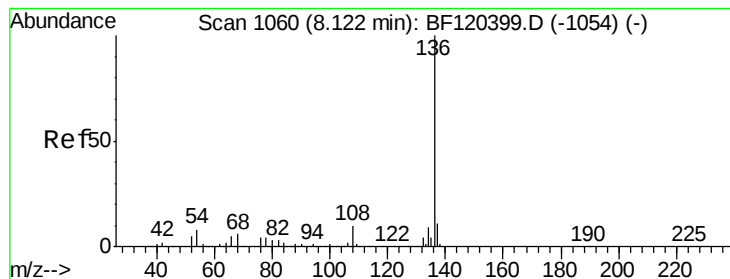
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.12 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF120516.D

Acq: 3 Jun 2020 18:20

Instrument :

BNA_F

ClientSampleId :

NM1-COMP-2020-0-6

Tot Ion:136 Resp: 679369

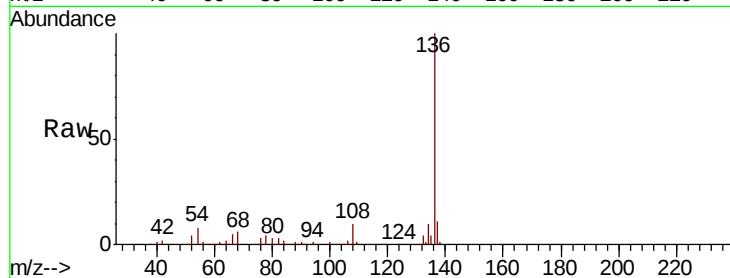
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 7.7 6.0 9.0

68 5.6 4.8 7.2

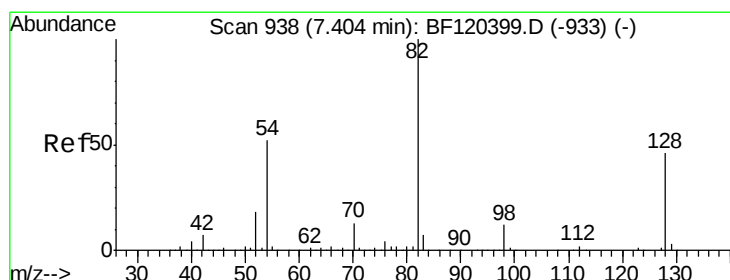
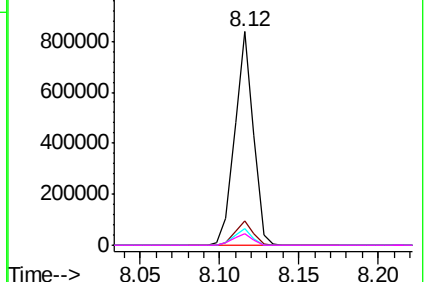
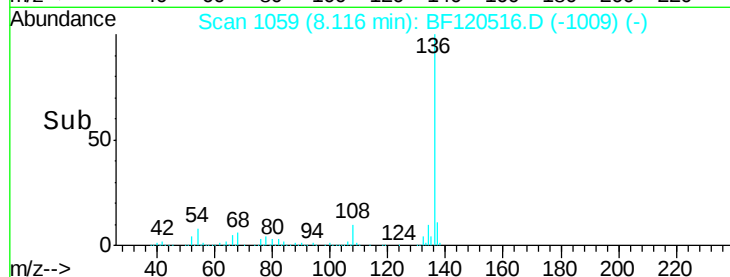


Abundance Ion 136.00 (135.70 to 136.70): E

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: 54.946 ng

RT: 7.40 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF120516.D

Acq: 3 Jun 2020 18:20

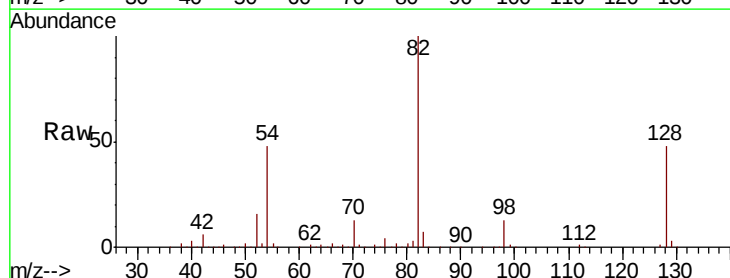
Tgt Ion: 82 Resp: 570664

Ion Ratio Lower Upper

82 100

128 47.8 37.4 56.0

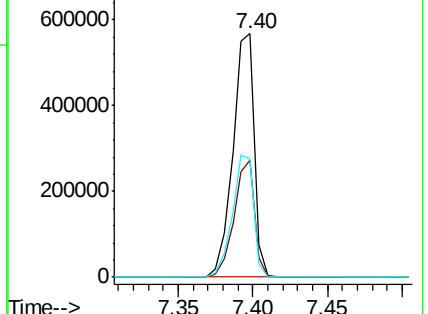
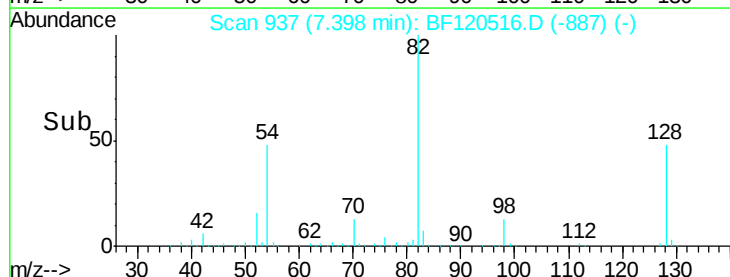
54 48.5 40.7 61.1

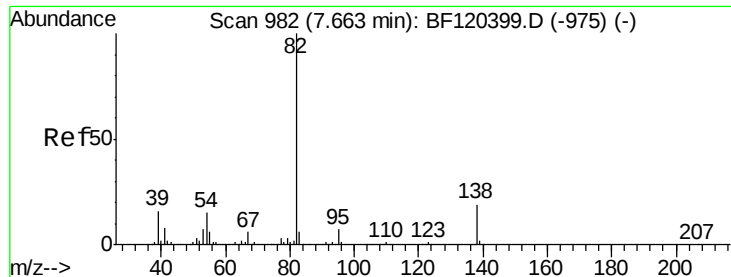


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 27.231 ng

RT: 7.40 min Scan# 937

Delta R.T. -0.26 min

Lab File: BF120516.D

Acq: 3 Jun 2020 18:20

Instrument :

BNA_F

ClientSampleId :

NM1-COMP-2020-0-6

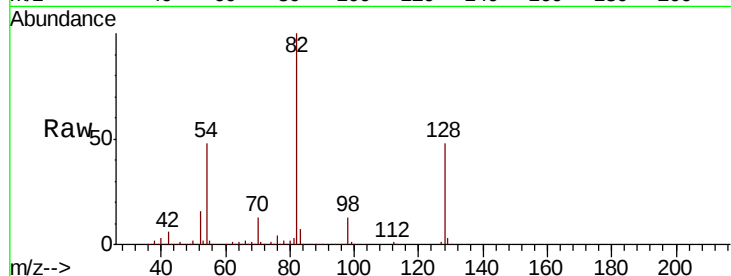
Tot Ion: 82 Resp: 568432

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

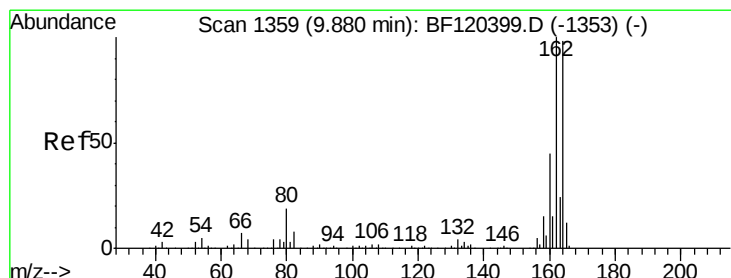
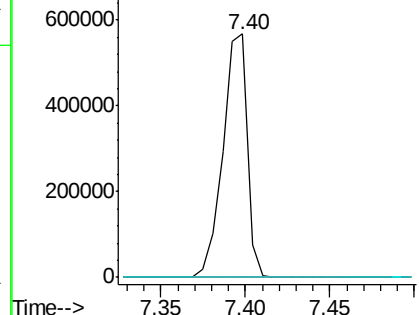
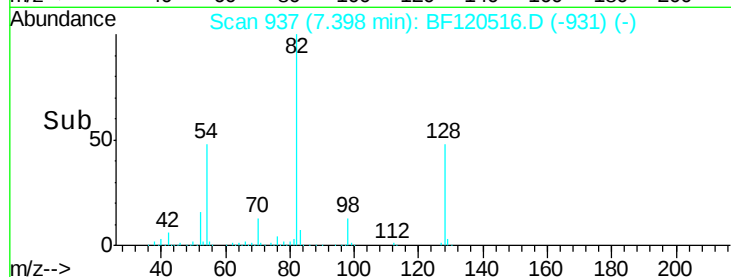
138 0.0 15.0 22.6#



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: 9.87 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF120516.D

Acq: 3 Jun 2020 18:20

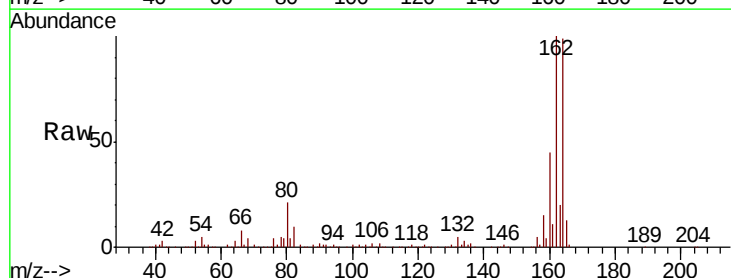
Tgt Ion:164 Resp: 358663

Ion Ratio Lower Upper

164 100

162 100.9 81.8 122.6

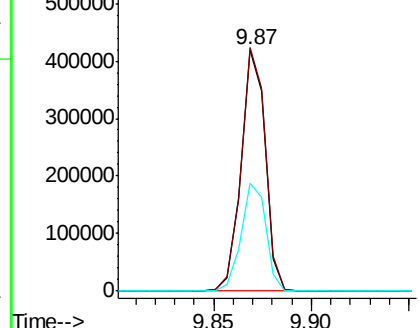
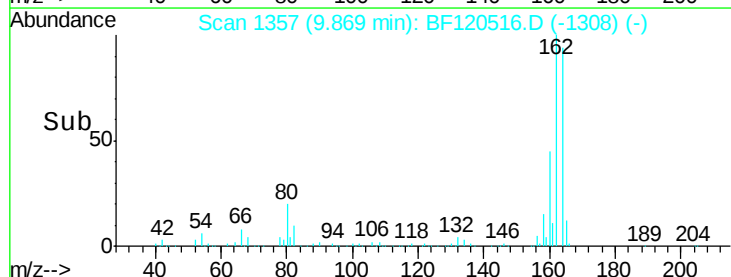
160 44.9 37.3 55.9

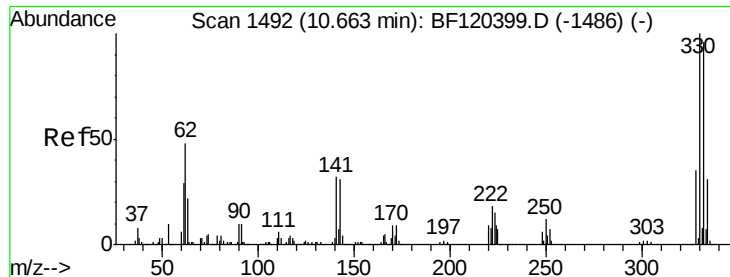


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

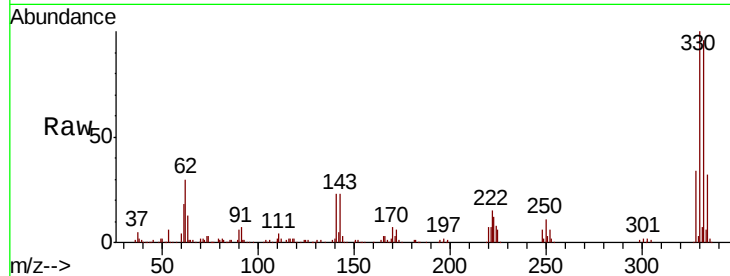




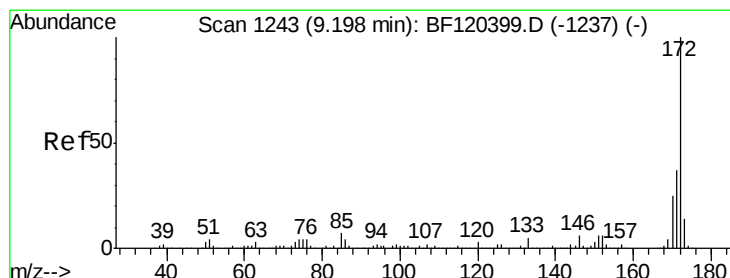
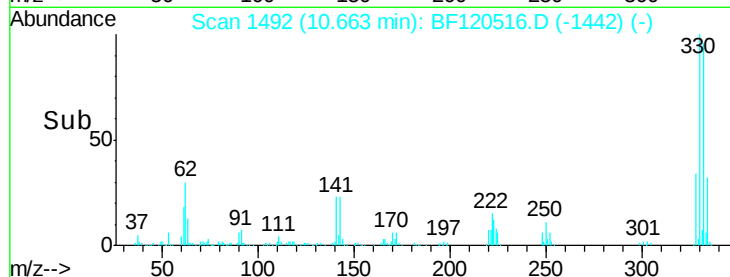
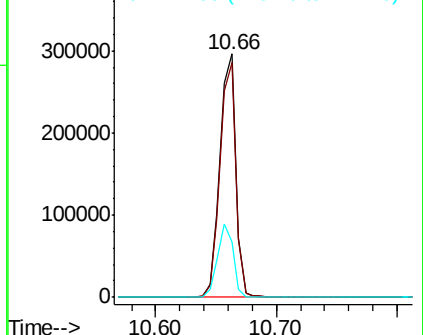
#42
 2,4,6-Tribromophenol
 Concen: 80.713 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF120516.D
 Acq: 3 Jun 2020 18:20

Instrument :
 BNA_F
 ClientSampleId :
 NM1-COMP-2020-0-6

Tot Ion:330 Resp: 268222
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 29.7 23.5 35.3

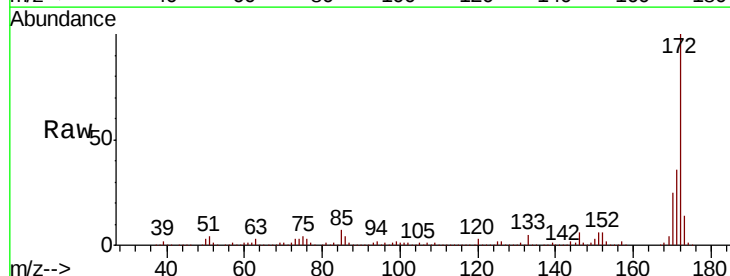


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

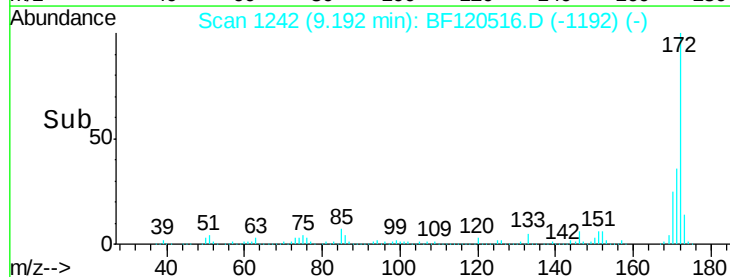
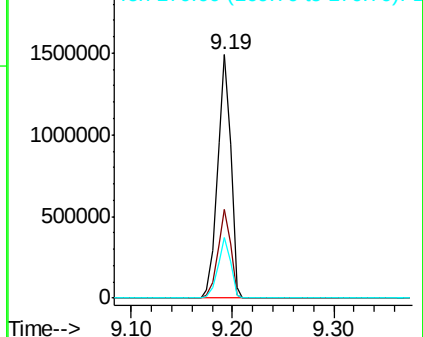


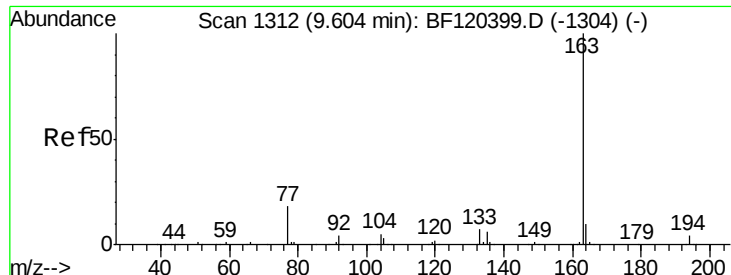
#45
 2-Fluorobiphenyl
 Concen: 63.833 ng
 RT: 9.19 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF120516.D
 Acq: 3 Jun 2020 18:20

Tgt Ion:172 Resp: 1349370
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.2 43.8
 170 24.7 20.1 30.1



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

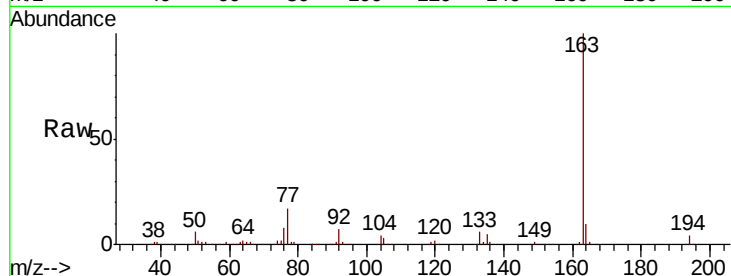




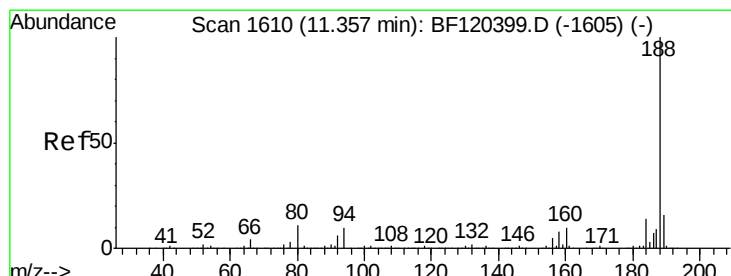
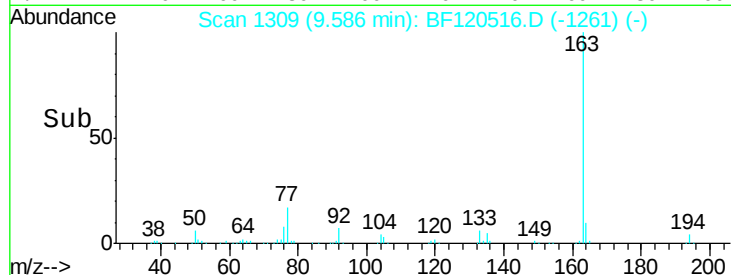
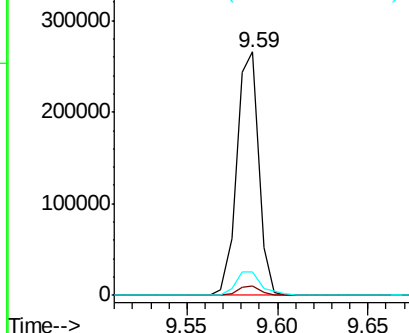
#50
Dimethylphthalate
Concen: 10.021 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF120516.D
Acq: 3 Jun 2020 18:20

Instrument :
BNA_F
ClientSampleId :
NM1-COMP-2020-0-6

Tot Ion:163 Resp: 224693
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.9 8.2 12.4

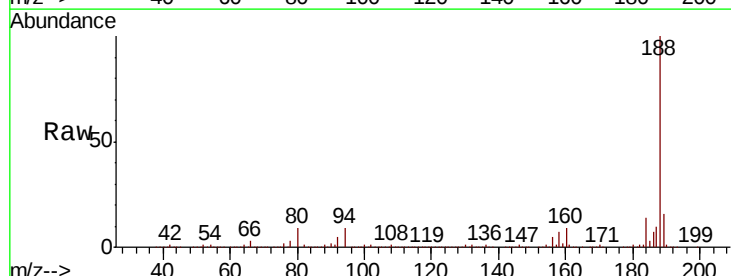


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

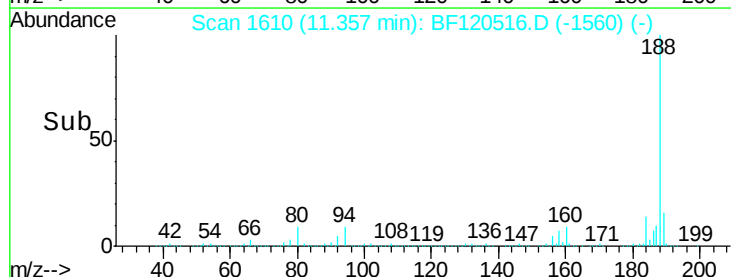
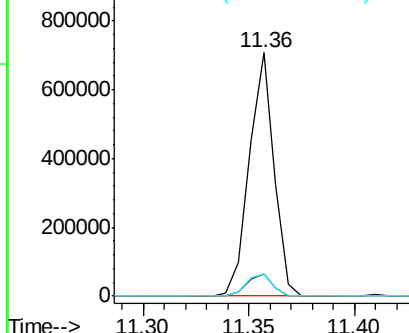


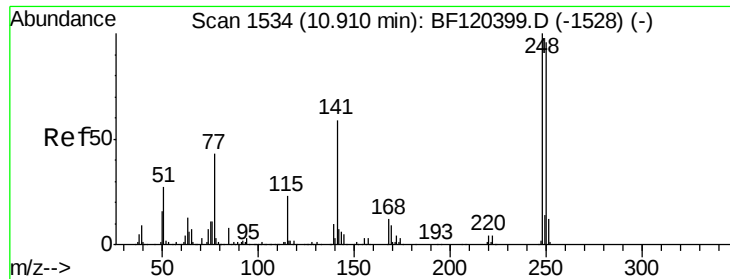
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF120516.D
Acq: 3 Jun 2020 18:20

Tgt Ion:188 Resp: 578122
Ion Ratio Lower Upper
188 100
94 9.2 7.5 11.3
80 9.2 7.9 11.9



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

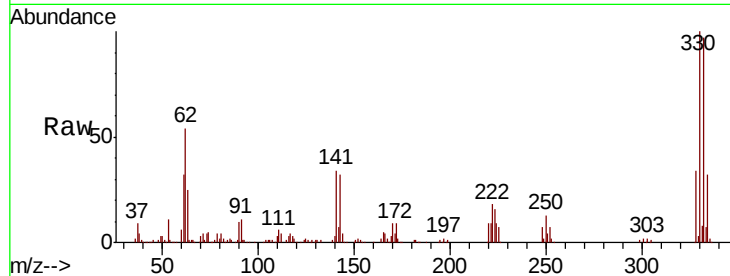




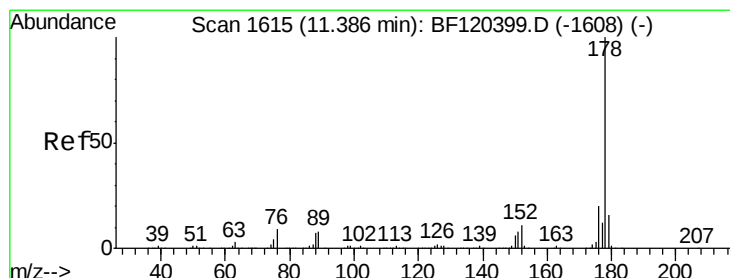
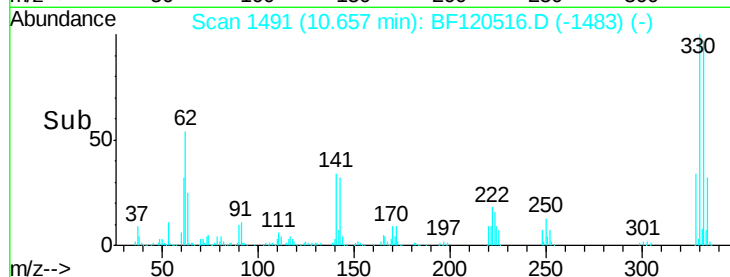
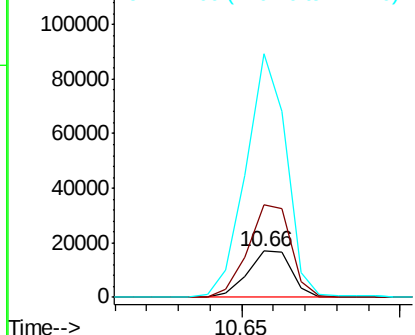
#67
 4-Bromophenyl-phenylether
 Concen: 2.760 ng
 RT: 10.66 min Scan# 1491
 Delta R.T. -0.25 min
 Lab File: BF120516.D
 Acq: 3 Jun 2020 18:20

Instrument :
 BNA_F
 ClientSampleId :
 NM1-COMP-2020-0-6

Tot Ion:248 Resp: 16105
 Ion Ratio Lower Upper
 248 100
 250 199.6 78.0 117.0#
 141 527.7 50.3 75.5#

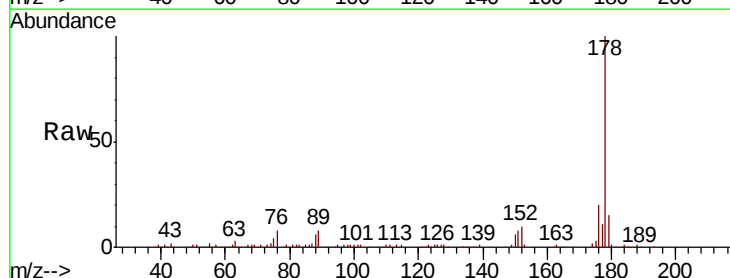


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

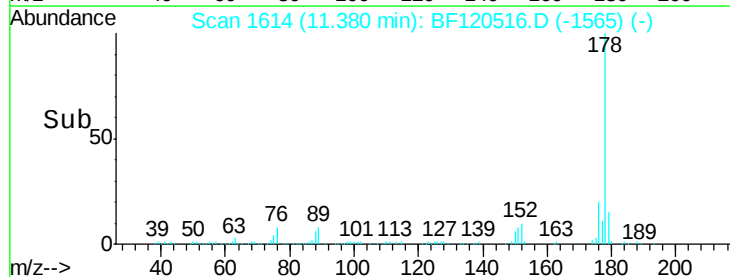
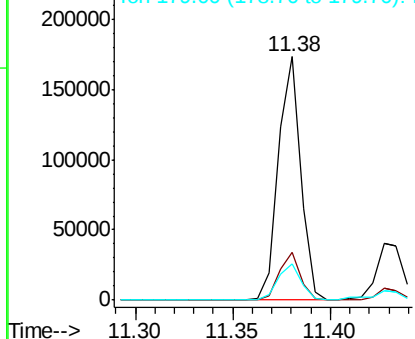


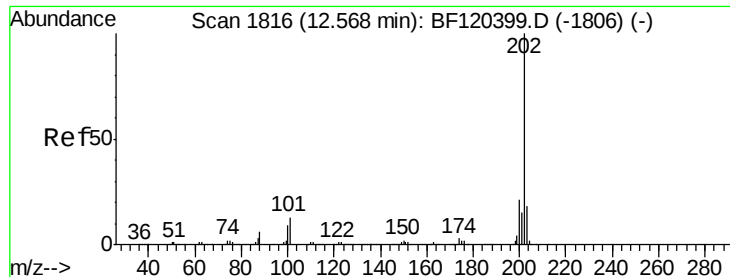
#71
 Phenanthrene
 Concen: 5.422 ng
 RT: 11.38 min Scan# 1614
 Delta R.T. -0.01 min
 Lab File: BF120516.D
 Acq: 3 Jun 2020 18:20

Tgt Ion:178 Resp: 138127
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.6 24.8
 179 14.7 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 10.073 ng

RT: 12.57 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF120516.D

Acq: 3 Jun 2020 18:20

Instrument :

BNA_F

ClientSampleId :

NM1-COMP-2020-0-6

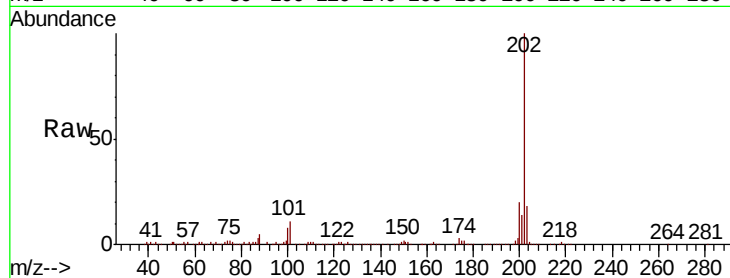
Tot Ion:202 Resp: 276102

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.4

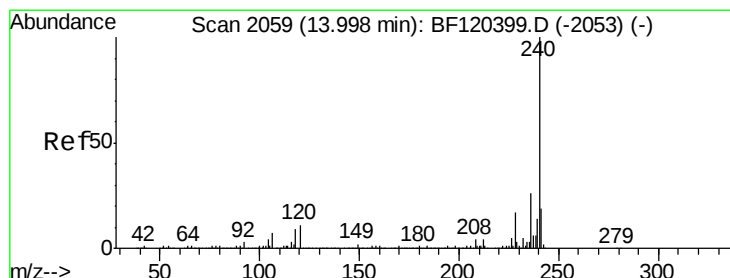
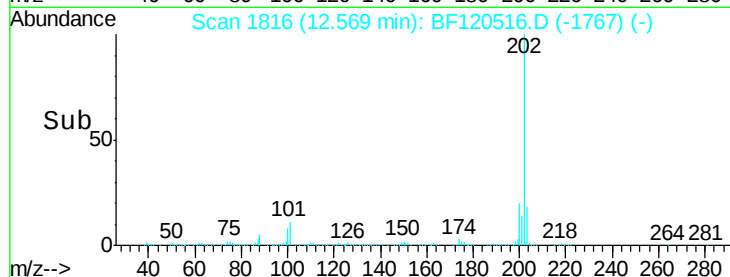
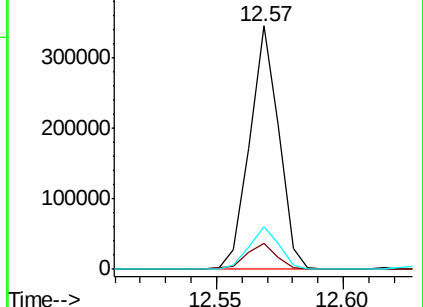
203 17.6 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BF120516.D

Acq: 3 Jun 2020 18:20

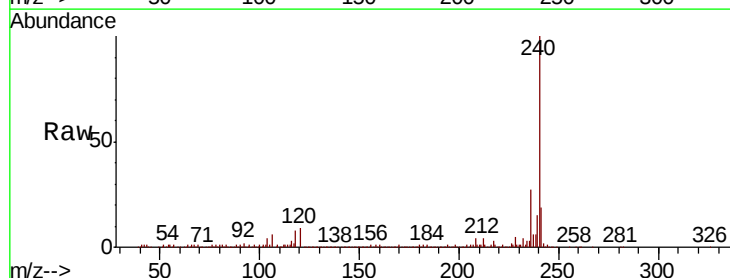
Tgt Ion:240 Resp: 343812

Ion Ratio Lower Upper

240 100

120 9.5 7.9 11.9

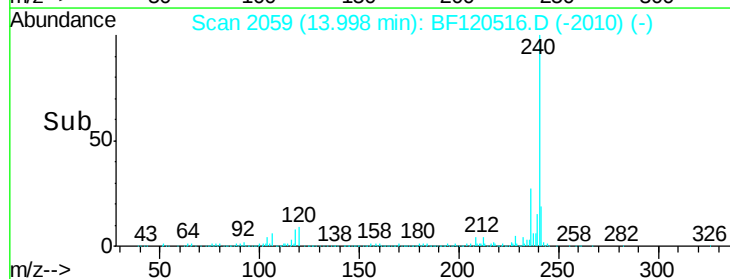
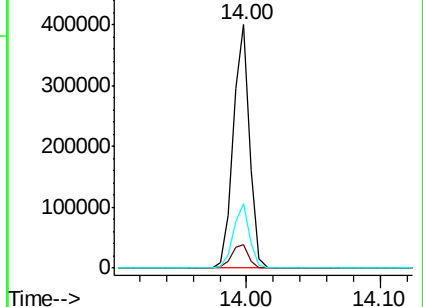
236 26.6 21.1 31.7

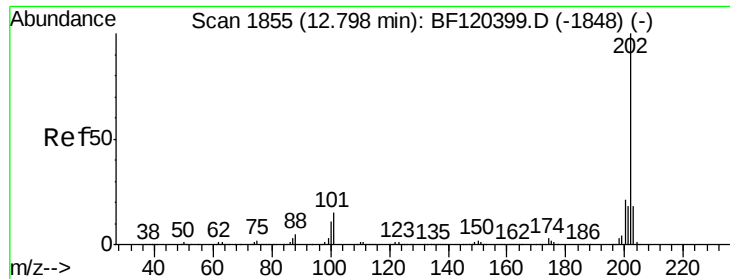


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

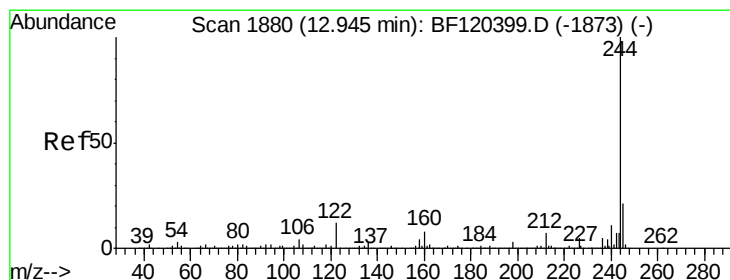
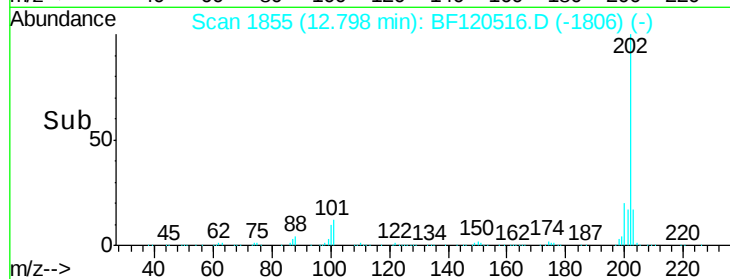
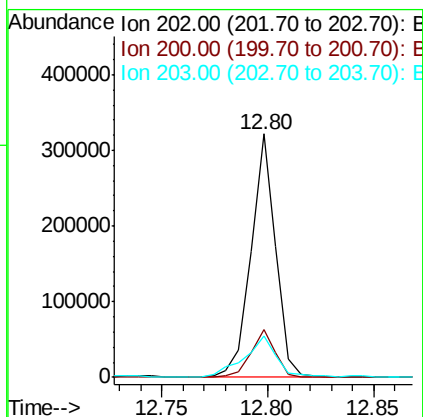
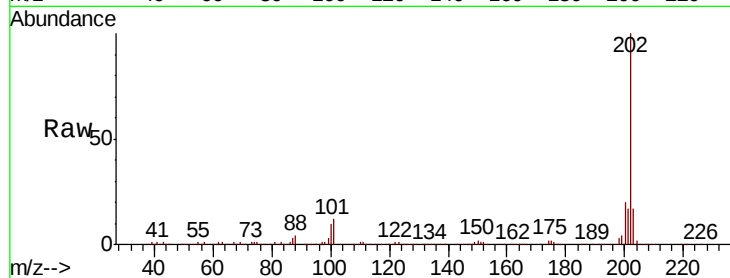




#78
Pvrene
Concen: 10.947 ng
RT: 12.80 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF120516.D
Acq: 3 Jun 2020 18:20

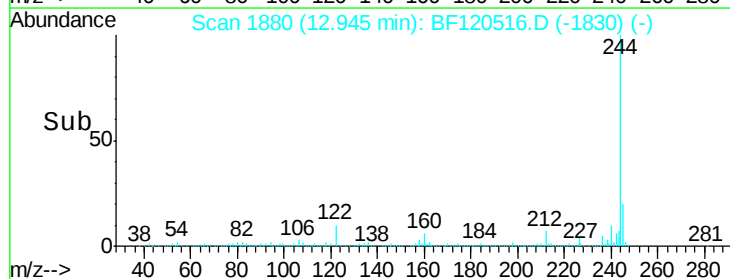
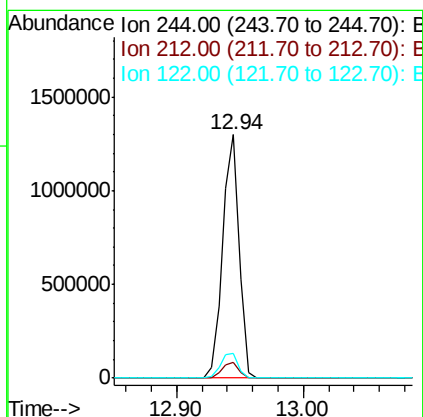
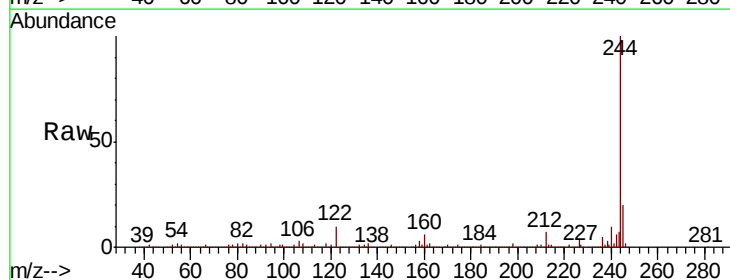
Instrument :
BNA_F
ClientSampleId :
NM1-COMP-2020-0-6

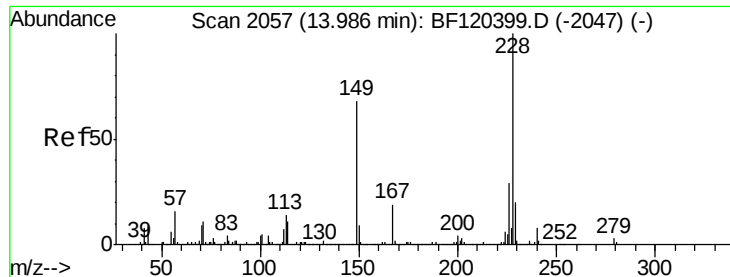
Tot Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.3	25.9
203	17.1	14.5	21.7



#79
Terphenyl-d14
Concen: 75.753 ng
RT: 12.94 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BF120516.D
Acq: 3 Jun 2020 18:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	10.2	8.2	12.4

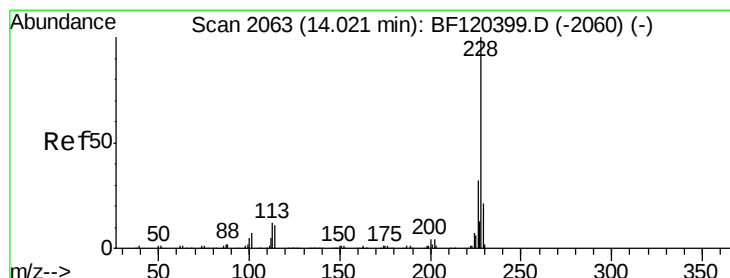
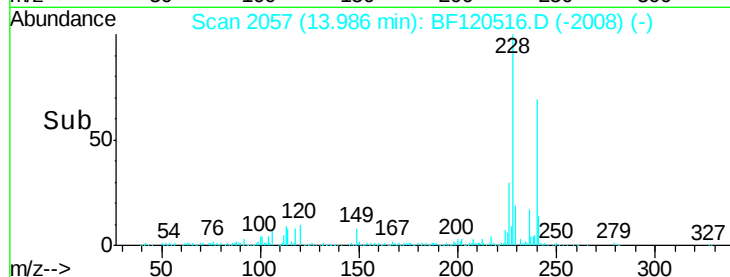
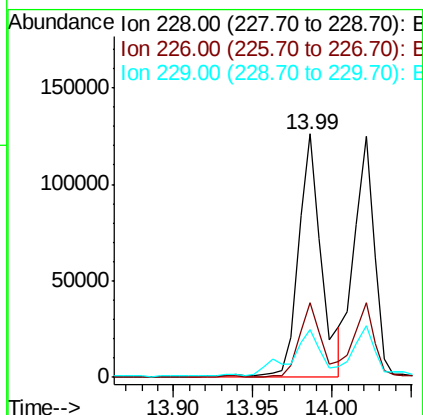
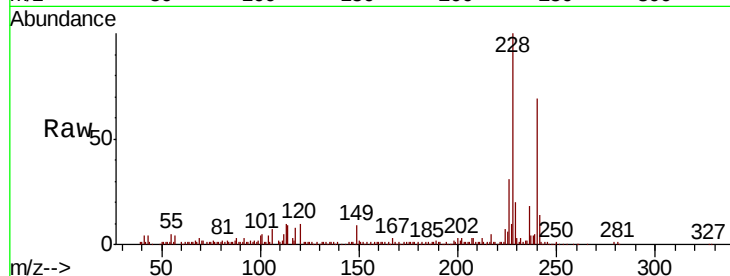




#81
Benzo(a)anthracene
Concen: 6.802 ng
RT: 13.99 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BF120516.D
Acq: 3 Jun 2020 18:20

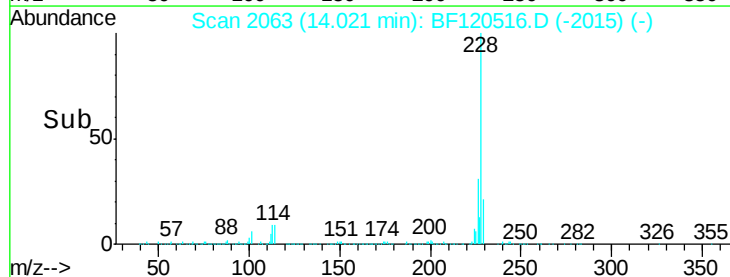
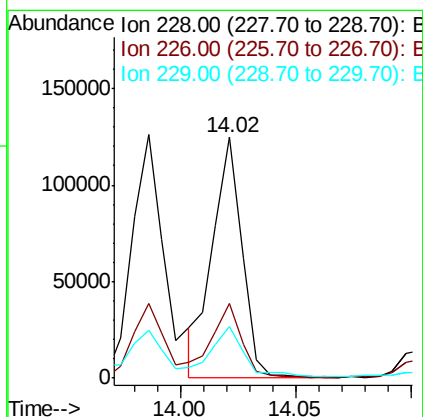
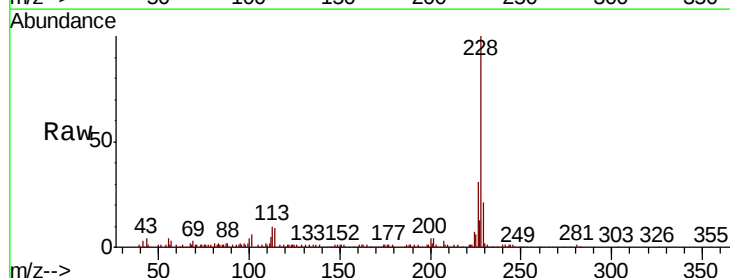
Instrument :
BNA_F
ClientSampleId :
NM1-COMP-2020-0-6

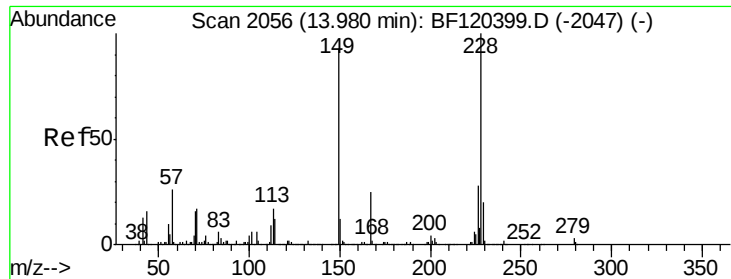
Tot Ion:228 Resp: 125333
Ion Ratio Lower Upper
228 100
226 30.7 22.7 34.1
229 19.8 16.3 24.5



#83
Chrysene
Concen: 5.662 ng
RT: 14.02 min Scan# 2063
Delta R.T. -0.02 min
Lab File: BF120516.D
Acq: 3 Jun 2020 18:20

Tgt Ion:228 Resp: 109368
Ion Ratio Lower Upper
228 100
226 31.1 25.2 37.8
229 21.5 16.1 24.1

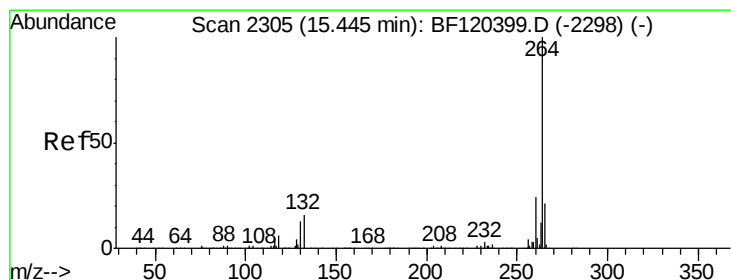
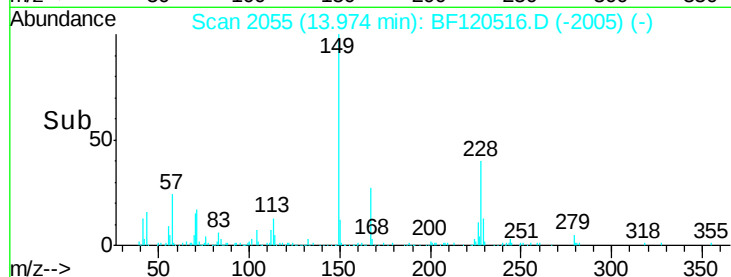
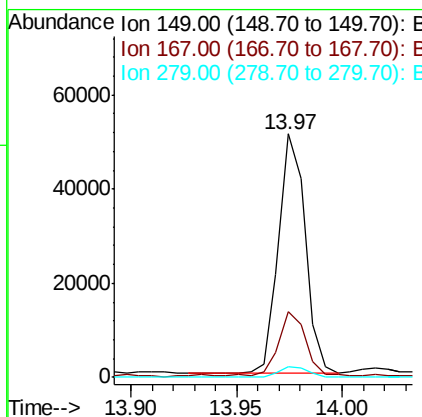
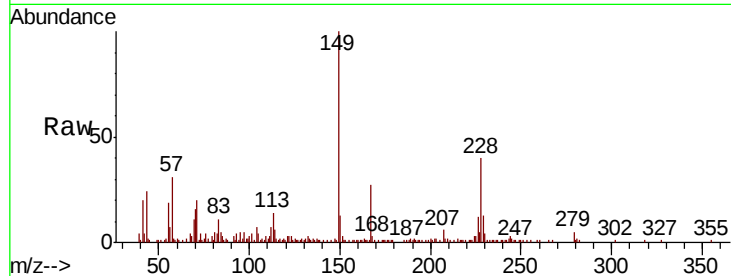




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.827 ng
RT: 13.97 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BF120516.D
Acq: 3 Jun 2020 18:20

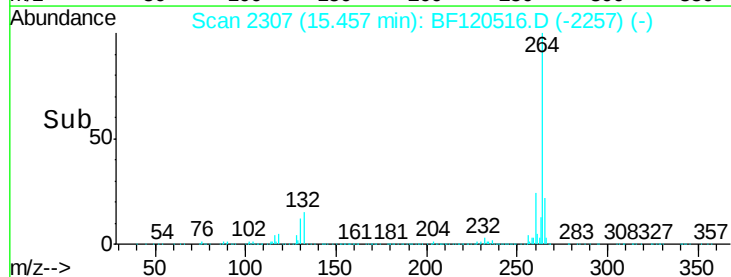
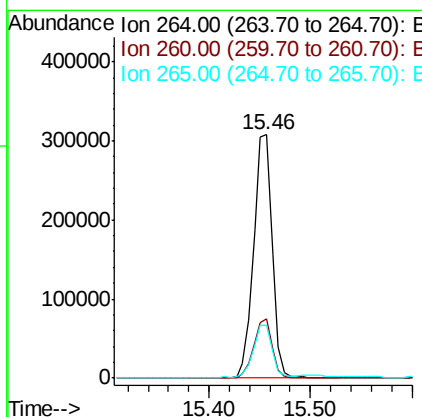
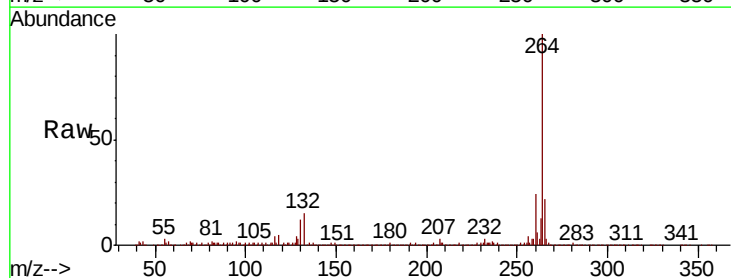
Instrument :
BNA_F
ClientSampleId :
NM1-COMP-2020-0-6

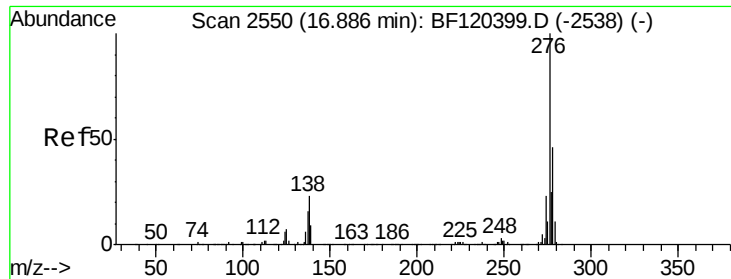
Tot Ion:149 Resp: 44848
Ion Ratio Lower Upper
149 100
167 27.1 22.0 33.0
279 4.6 3.2 4.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BF120516.D
Acq: 3 Jun 2020 18:20

Tgt Ion:264 Resp: 389911
Ion Ratio Lower Upper
264 100
260 24.1 19.8 29.8
265 21.9 17.5 26.3

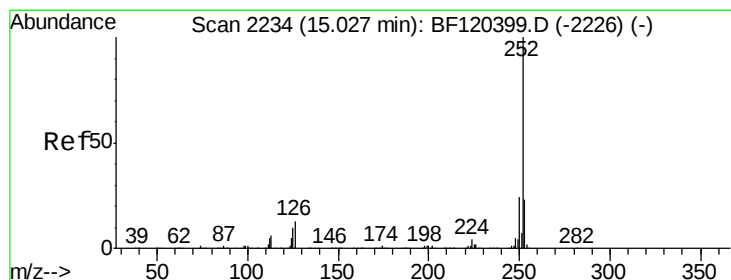
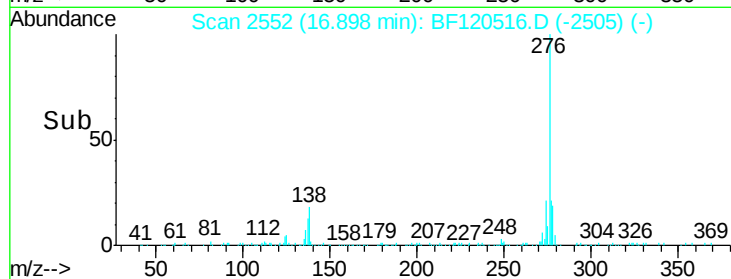
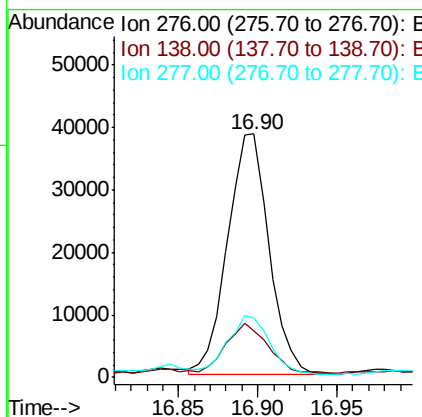
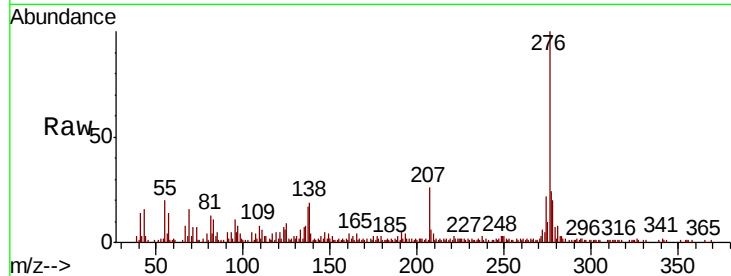




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.264 ng
 RT: 16.90 min Scan# 2552
 Delta R.T. -0.02 min
 Lab File: BF120516.D
 Acq: 3 Jun 2020 18:20

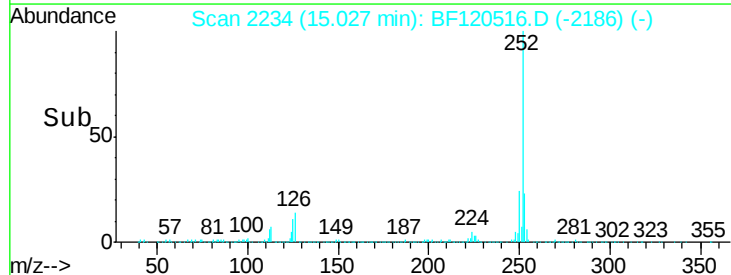
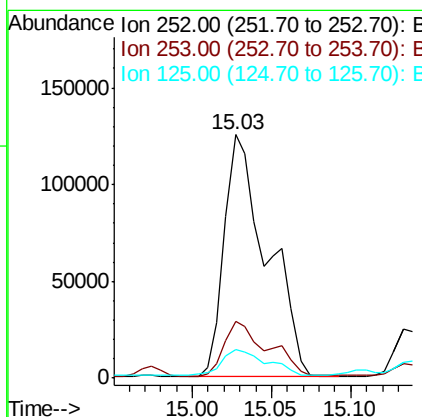
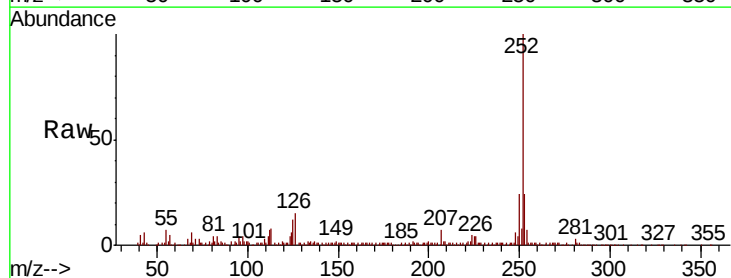
Instrument :
 BNA_F
 ClientSampleId :
 NM1-COMP-2020-0-6

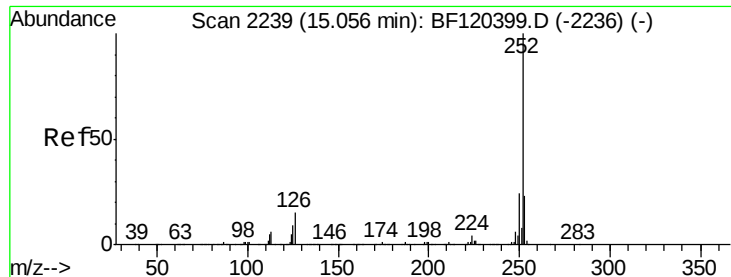
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.2	19.2	28.8
277	24.5	20.4	30.6



#88
 Benzo(b)fluoranthene
 Concen: 10.903 ng
 RT: 15.03 min Scan# 2234
 Delta R.T. -0.02 min
 Lab File: BF120516.D
 Acq: 3 Jun 2020 18:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	11.8	7.6	11.4#





#89

Benzo(k)fluoranthene

Concen: 11.679 ng

RT: 15.03 min Scan# 2234

Delta R.T. -0.05 min

Lab File: BF120516.D

Acq: 3 Jun 2020 18:20

Instrument :

BNA_F

ClientSampleId :

NM1-COMP-2020-0-6

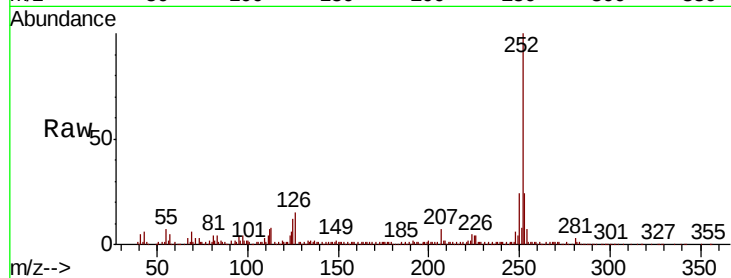
Tot Ion:252 Resp: 236122

Ion Ratio Lower Upper

252 100

253 23.6 17.6 26.4

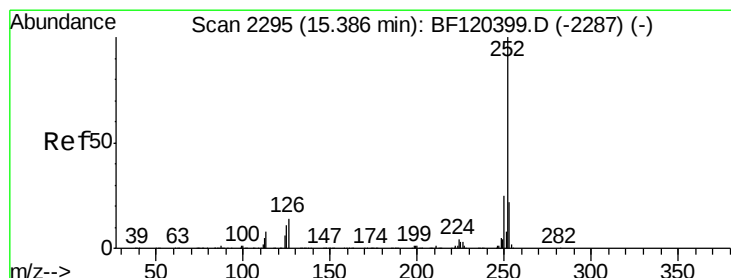
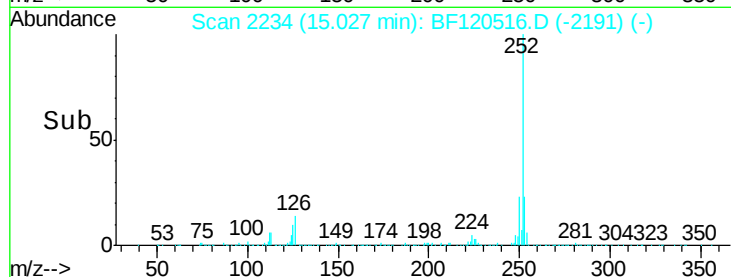
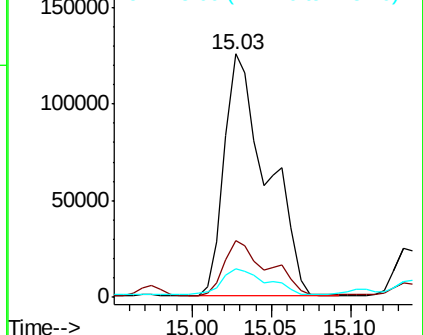
125 11.8 7.5 11.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 6.417 ng

RT: 15.39 min Scan# 2295

Delta R.T. -0.02 min

Lab File: BF120516.D

Acq: 3 Jun 2020 18:20

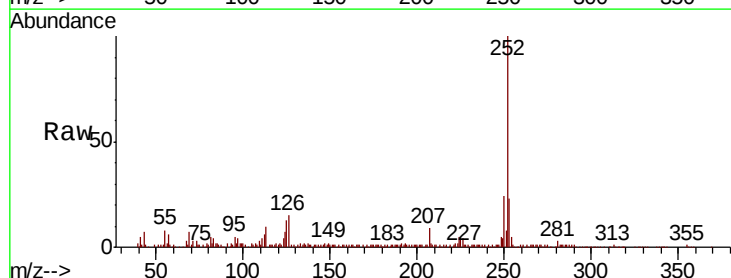
Tgt Ion:252 Resp: 121559

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

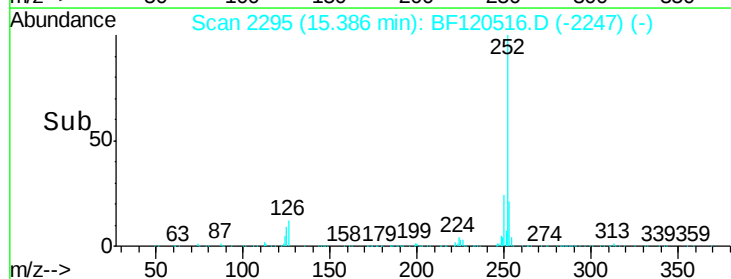
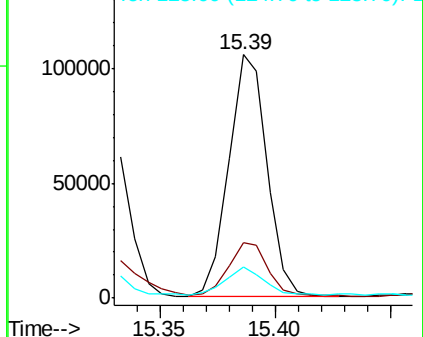
125 12.6 9.2 13.8

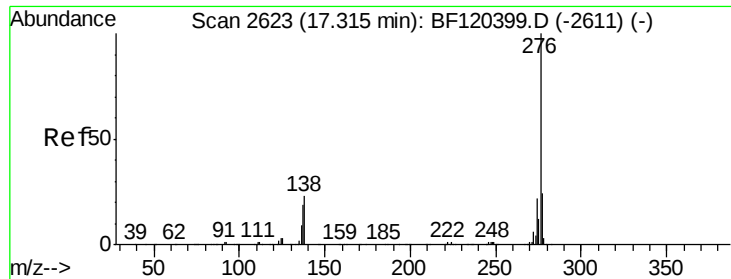


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 3.885 ng
 RT: 17.33 min Scan# 2626
 Delta R.T. -0.03 min
 Lab File: BF120516.D
 Acq: 3 Jun 2020 18:20

Instrument :
 BNA_F
 ClientSampleId :
 NM1-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.4	29.2
138	20.1	16.6	25.0

