

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060120\
 Data File : BF120464.D
 Acq On : 1 Jun 2020 12:10
 Operator : JU/CG
 Sample : L2792-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM14-COMP-2020-0-6

Quant Time: Jun 01 12:59:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 12:39:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	381068	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1365370	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	661612	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	1158261	20.00	ng	0.00
76) Chrysene-d12	14.00	240	726541	20.00	ng	0.00
86) Perylene-d12	15.45	264	765181	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	1313088	65.67	ng	0.00
7) Phenol-d6	6.47	99	1658708	67.30	ng	0.00
23) Nitrobenzene-d5	7.40	82	1069050	51.22	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	445383	72.65	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1921259	49.27	ng	0.00
79) Terphenyl-d14	12.95	244	1733306	53.09	ng	0.00

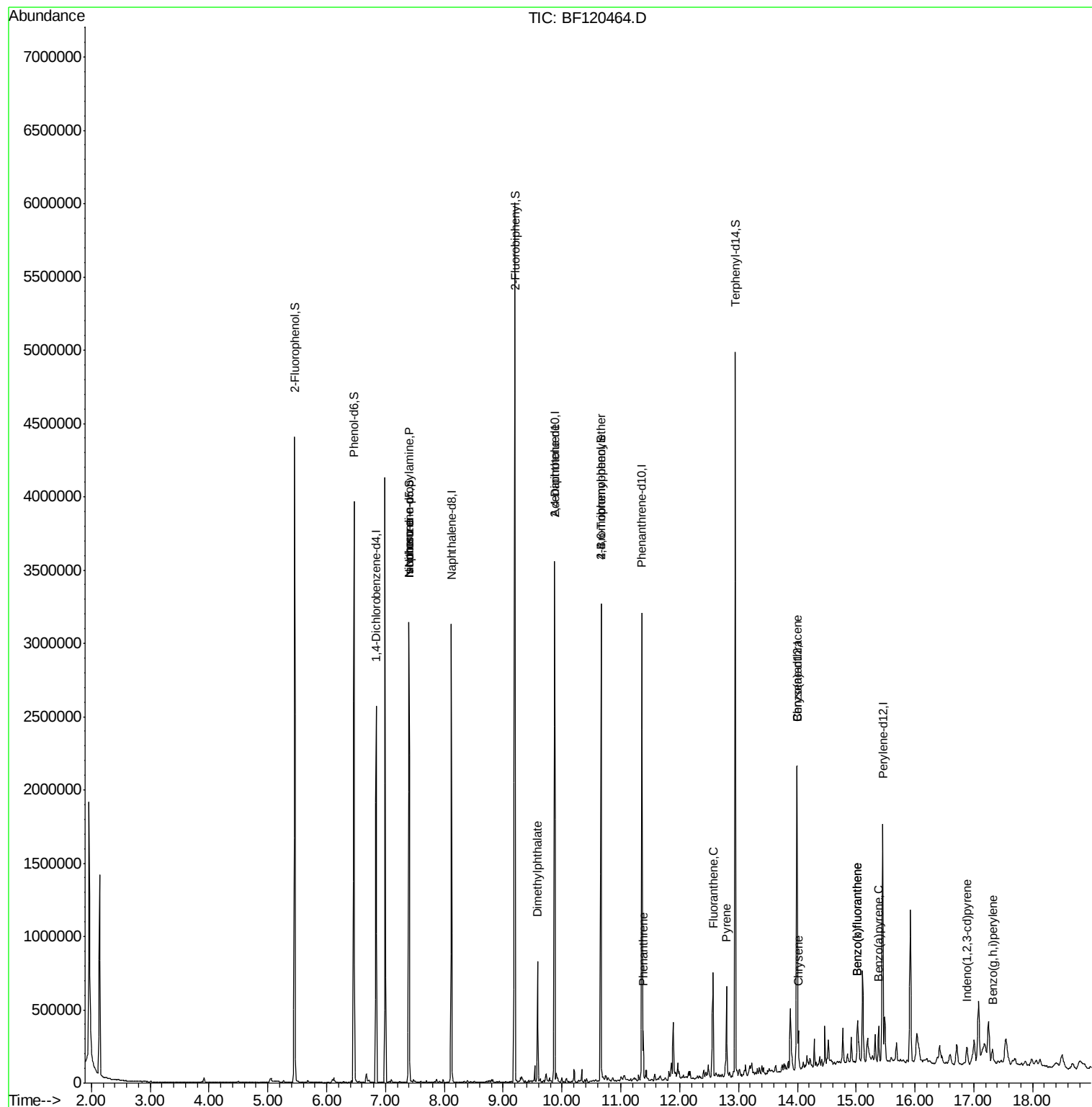
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	141935	9.060	ng	# 78
25) Isophorone	7.40	82	1059452	25.254	ng	# 64
50) Dimethylphthalate	9.59	163	279258	6.752	ng	100
57) 2,4-Dinitrotoluene	9.87	165	86846	7.382	ng	# 22
67) 4-Bromophenyl-phenylether	10.66	248	27036	2.312	ng	# 1
71) Phenanthrene	11.38	178	105995	2.077	ng	97
75) Fluoranthene	12.57	202	250776	4.567	ng	97
78) Pyrene	12.80	202	235264	4.656	ng	98
81) Benzo(a)anthracene	13.99	228	115954	2.978	ng	98
83) Chrysene	14.02	228	111158	2.723	ng	96
87) Indeno(1,2,3-cd)pyrene	16.88	276	84996	2.031	ng	93
88) Benzo(b)fluoranthene	15.02	252	206356	4.855	ng	97
89) Benzo(k)fluoranthene	15.02	252	206356	5.201	ng	97
90) Benzo(a)pyrene	15.38	252	115508	3.107	ng	99
92) Benzo(a,h,i)perylene	17.32	276	85455	2.539	ng	97

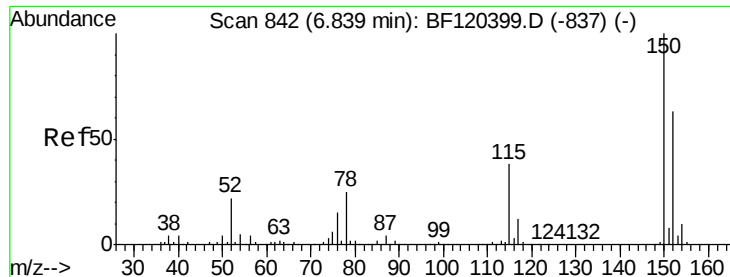
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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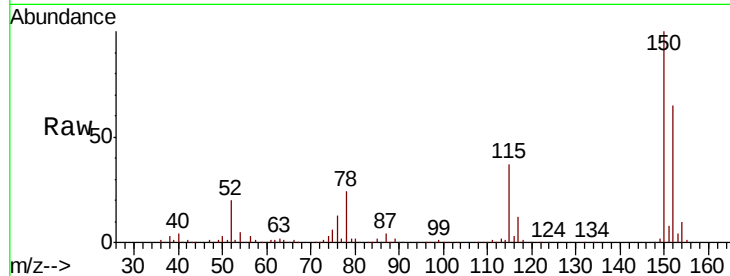


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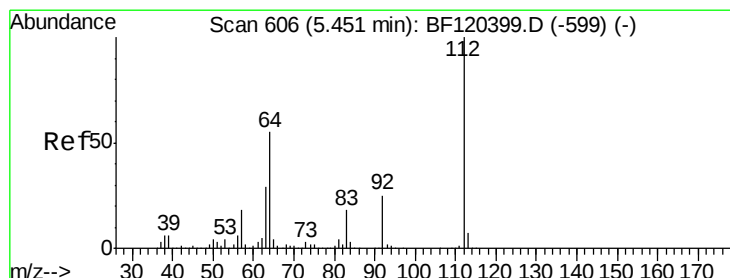
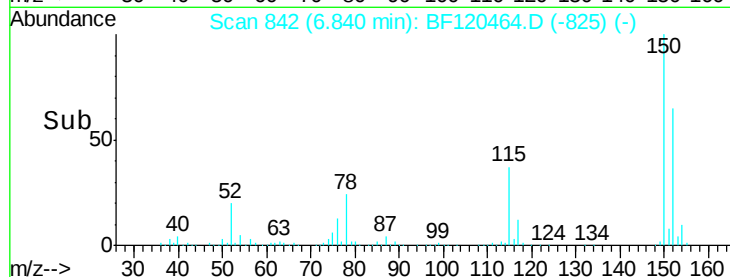
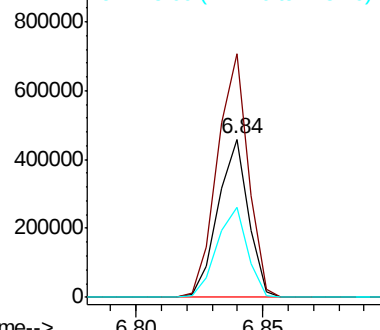
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF120464.D
Acq: 1 Jun 2020 12:10

Instrument :
BNA_F
ClientSampleId :
NM14-COMP-2020-0-6

Tot Ion:152 Resp: 381068
Ion Ratio Lower Upper
152 100
150 154.2 126.5 189.7
115 57.1 47.6 71.4



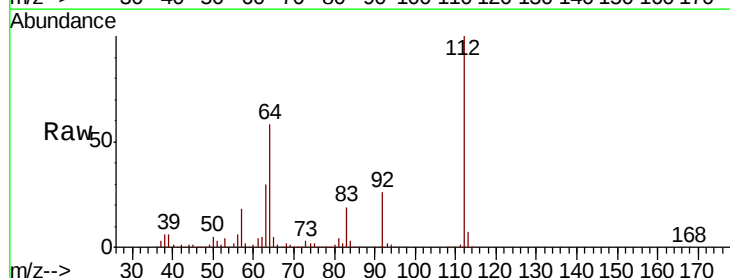
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



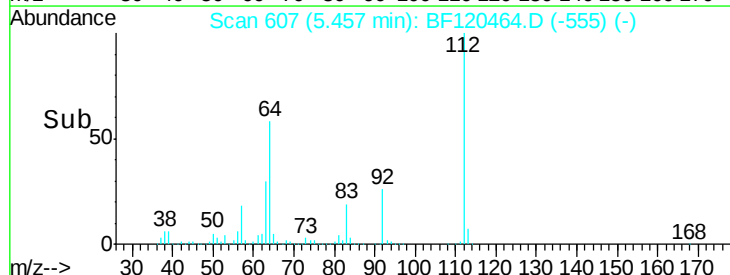
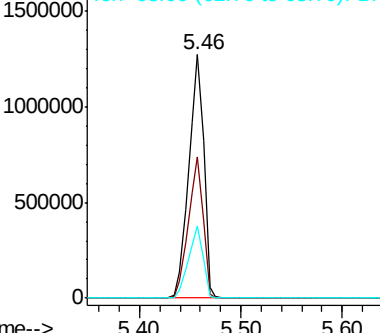
#5

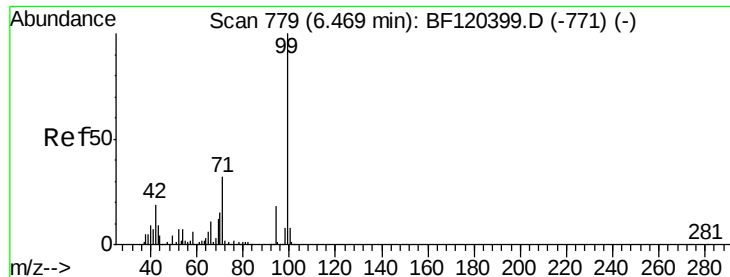
2-Fluorophenol
Concen: 65.668 ng
RT: 5.46 min Scan# 607
Delta R.T. 0.01 min
Lab File: BF120464.D
Acq: 1 Jun 2020 12:10

Tgt Ion:112 Resp: 1313088
Ion Ratio Lower Upper
112 100
64 57.8 44.3 66.5
63 29.6 22.9 34.3



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: 67.301 ng

RT: 6.47 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF120464.D

Acq: 1 Jun 2020 12:10

Instrument :

BNA_F

ClientSampleId :

NM14-COMP-2020-0-6

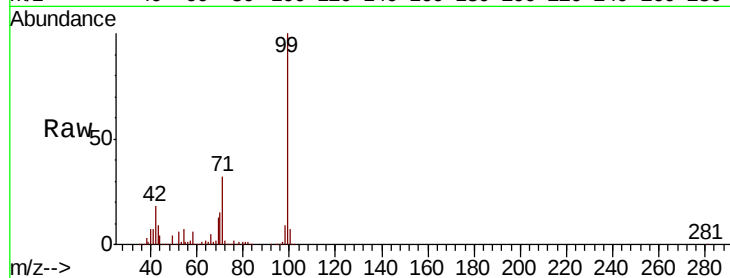
Tot Ion: 99 Resp: 1658708

Ion Ratio Lower Upper

99 100

42 18.3 15.2 22.8

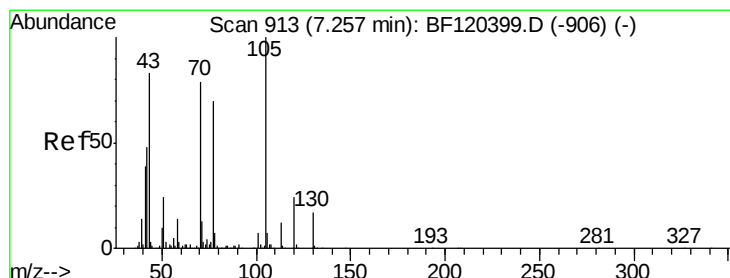
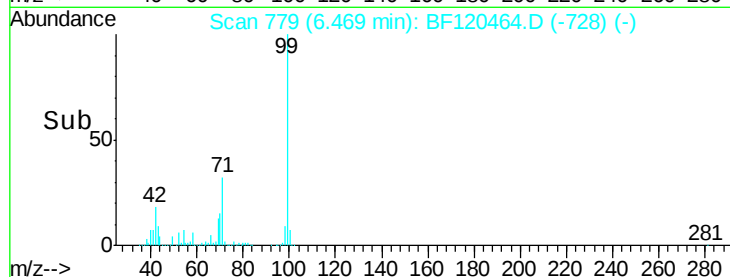
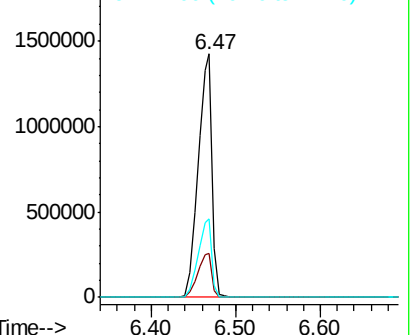
71 32.3 25.6 38.4



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: 9.060 ng

RT: 7.40 min Scan# 937

Delta R.T. 0.14 min

Lab File: BF120464.D

Acq: 1 Jun 2020 12:10

Tgt Ion: 70 Resp: 141935

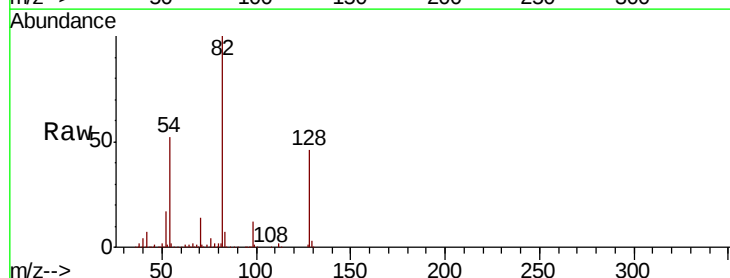
Ion Ratio Lower Upper

70 100

42 49.7 48.9 73.3

101 0.0 7.4 11.2#

130 2.3 16.8 25.2#

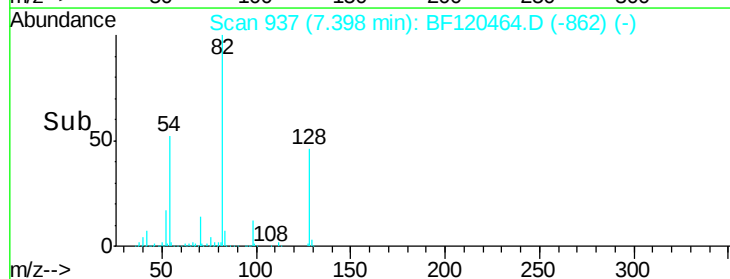
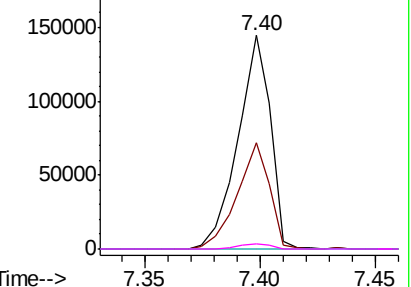


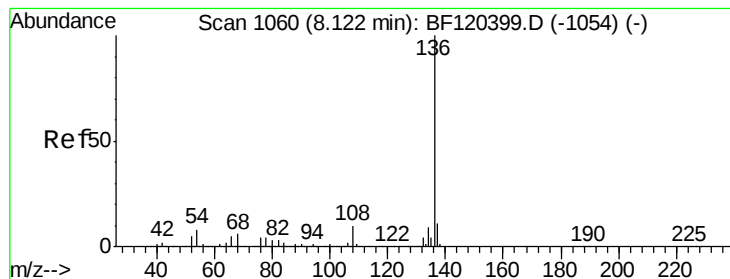
Abundance Ion 70.00 (69.70 to 70.70): BF1

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# 1060

Delta R.T. 0.00 min

Lab File: BF120464.D

Acq: 1 Jun 2020 12:10

Instrument :

BNA_F

ClientSampleId :

NM14-COMP-2020-0-6

Tot Ion:136 Resp: 1365370

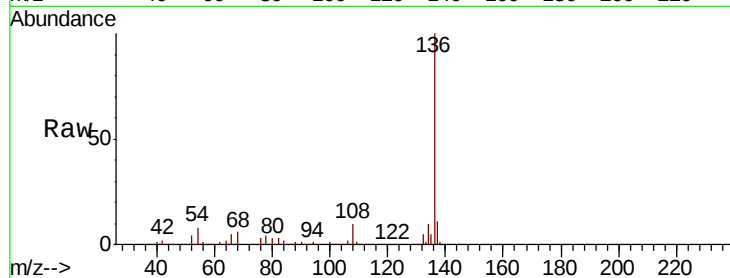
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.7 6.7 10.1

68 6.0 5.0 7.4

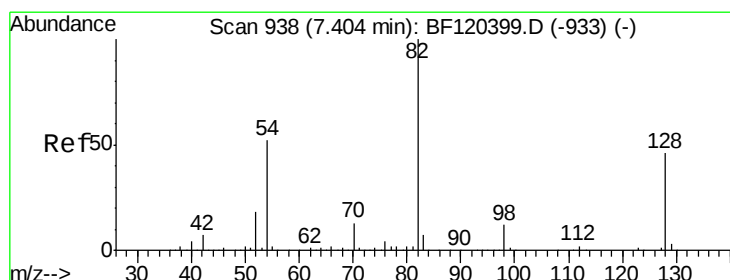
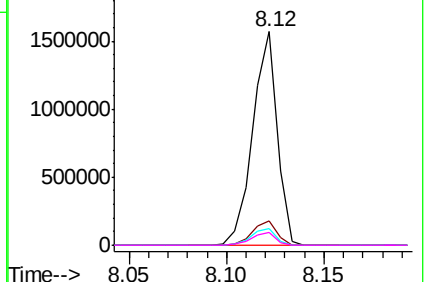
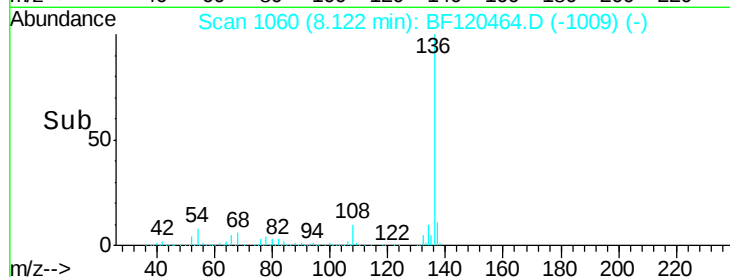


Abundance Ion 136.00 (135.70 to 136.70): E

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: 51.217 ng

RT: 7.40 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF120464.D

Acq: 1 Jun 2020 12:10

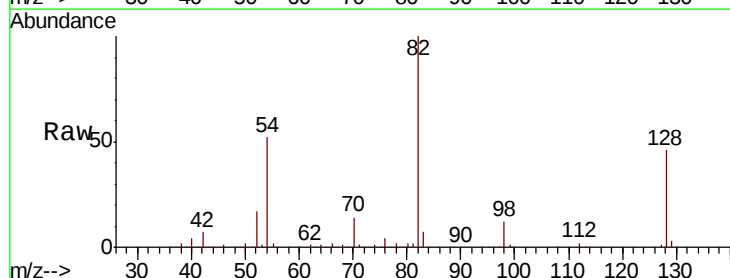
Tgt Ion: 82 Resp: 1069050

Ion Ratio Lower Upper

82 100

128 46.4 36.8 55.2

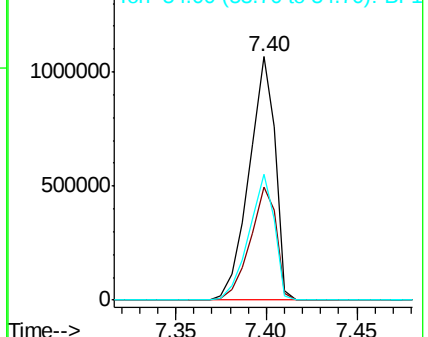
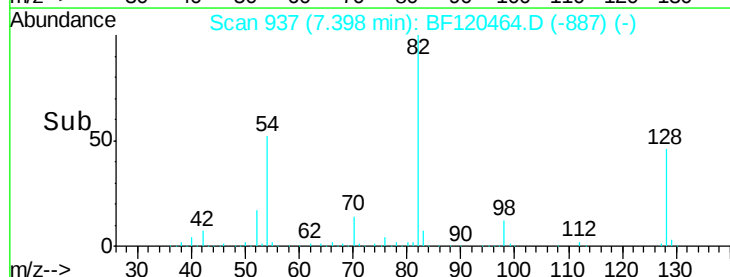
54 51.7 41.6 62.4

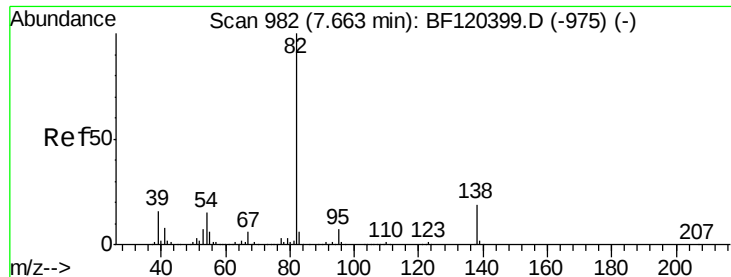


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

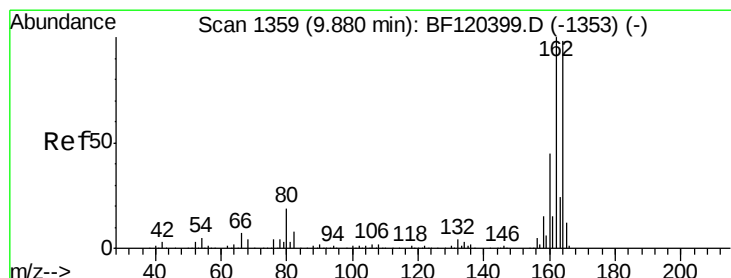
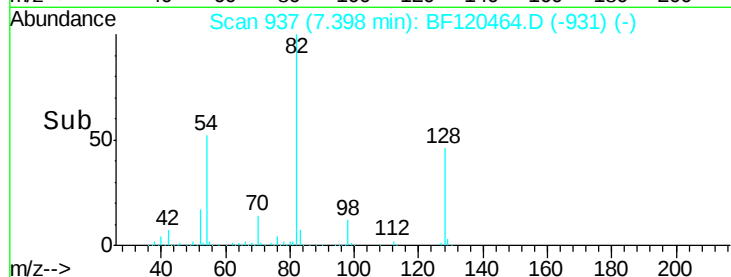
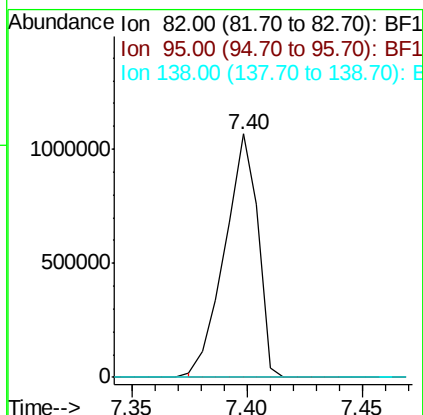
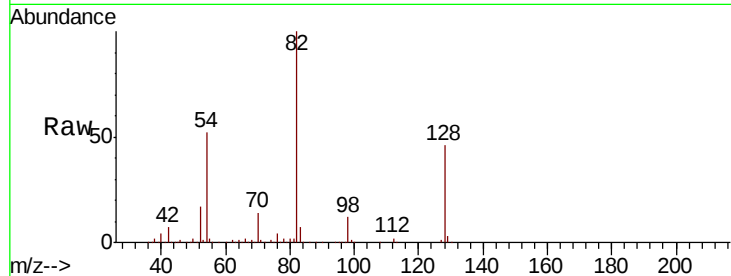




#25
Isophorone
Concen: 25.254 ng
RT: 7.40 min Scan# 937
Delta R.T. -0.26 min
Lab File: BF120464.D
Acq: 1 Jun 2020 12:10

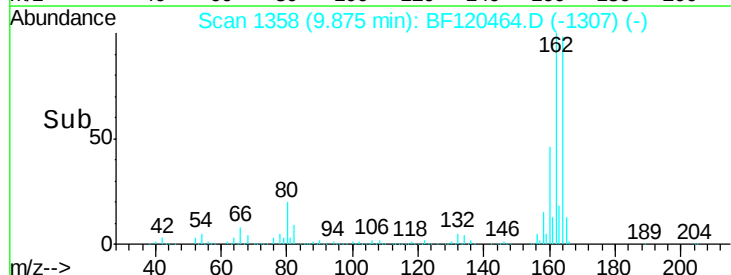
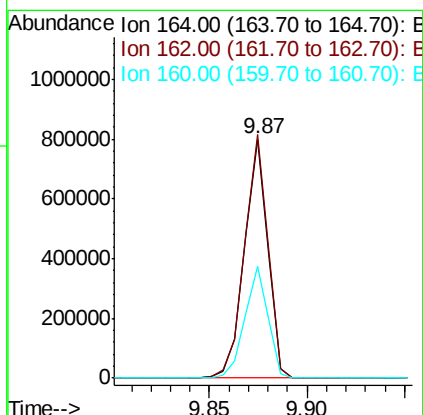
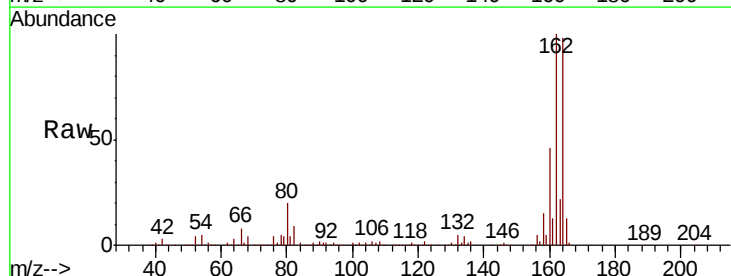
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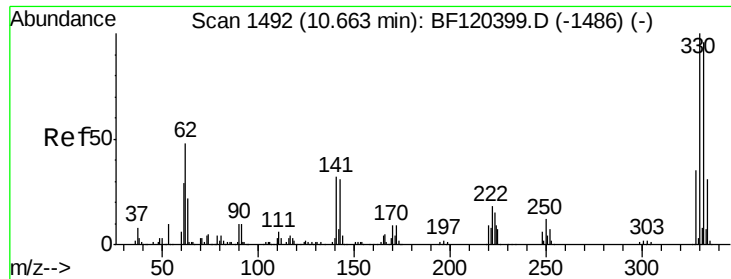
Tot Ion: 82 Resp: 1059452
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF120464.D
Acq: 1 Jun 2020 12:10

Tgt Ion:164 Resp: 661612
Ion Ratio Lower Upper
164 100
162 101.9 81.3 121.9
160 46.8 36.9 55.3

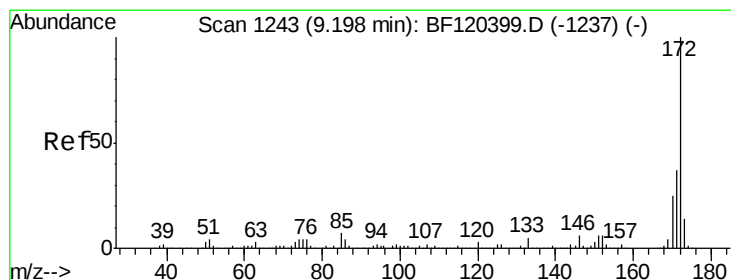
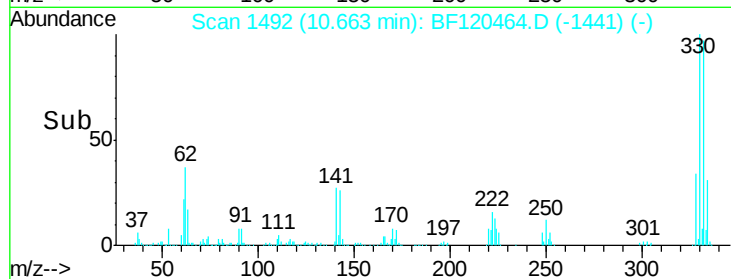
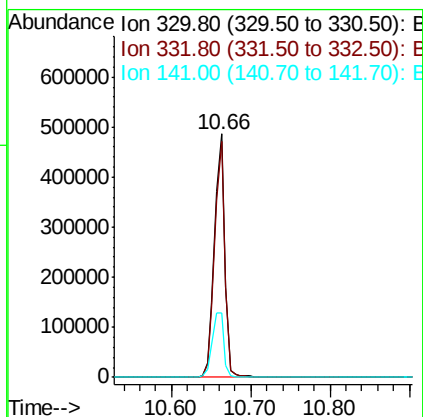
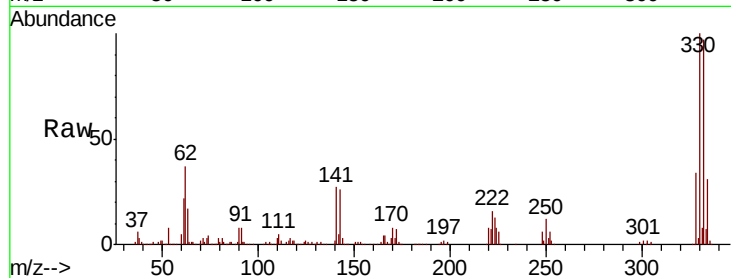




#42
 2,4,6-Tribromophenol
 Concen: 72.655 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF120464.D
 Acq: 1 Jun 2020 12:10

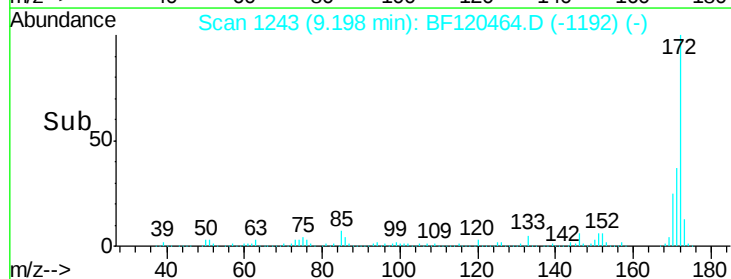
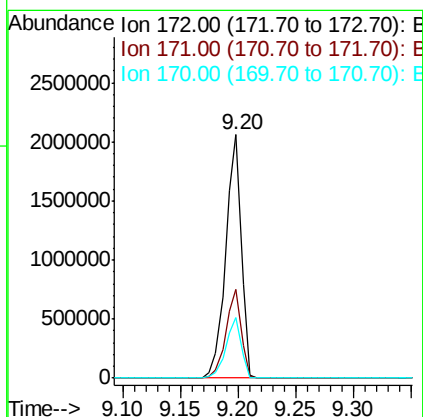
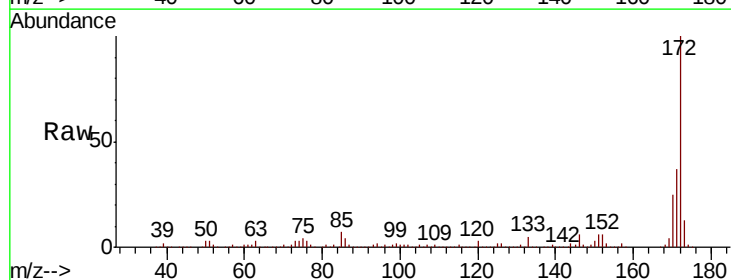
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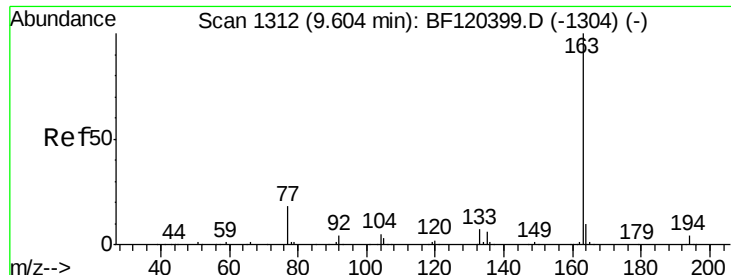
Tot Ion:330 Resp: 445383
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 29.9 25.3 37.9



#45
 2-Fluorobiphenyl
 Concen: 49.270 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF120464.D
 Acq: 1 Jun 2020 12:10

Tgt Ion:172 Resp: 1921259
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.7 19.9 29.9

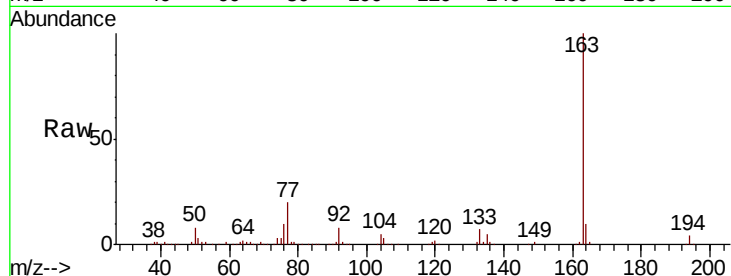




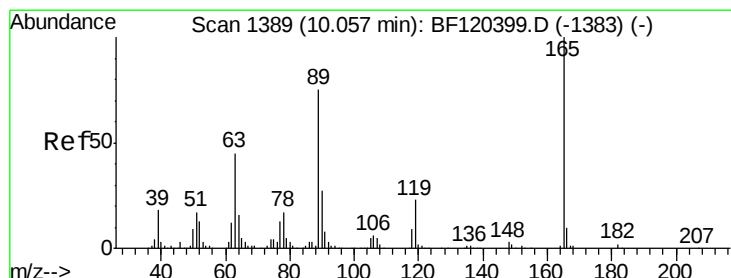
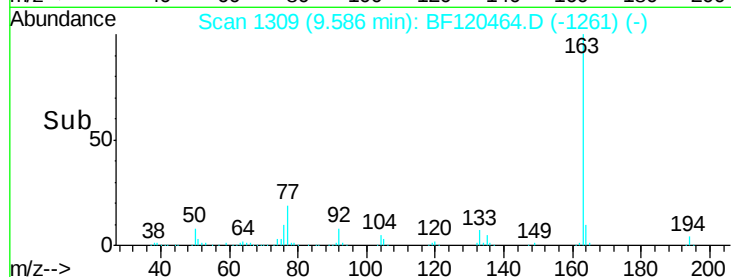
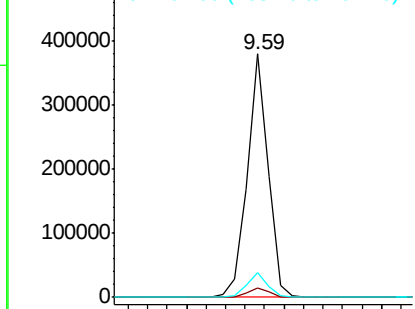
#50
Dimethylphthalate
Concen: 6.752 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF120464.D
Acq: 1 Jun 2020 12:10

Instrument :
BNA_F
ClientSampleId :
NM14-COMP-2020-0-6

Tot Ion:163 Resp: 279258
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.4 8.3 12.5

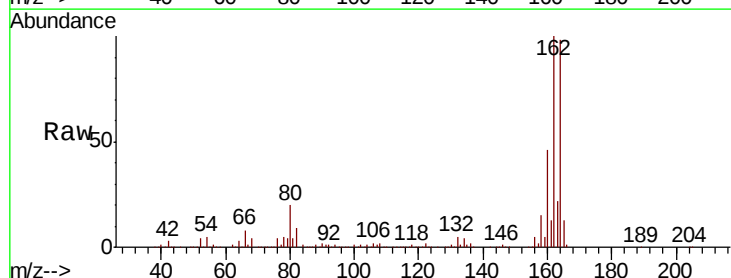


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

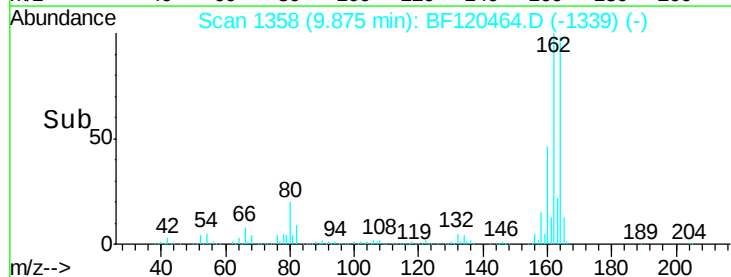
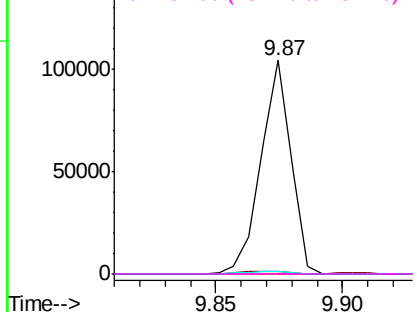


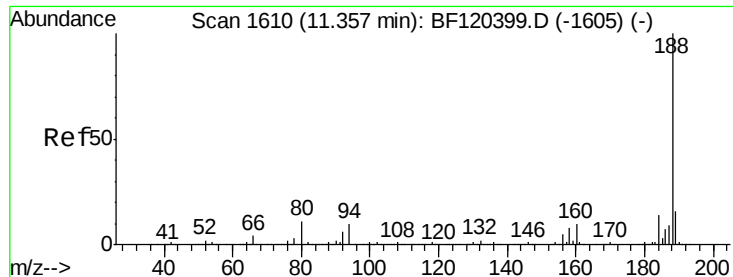
#57
2,4-Dinitrotoluene
Concen: 7.382 ng
RT: 9.87 min Scan# 1358
Delta R.T. -0.19 min
Lab File: BF120464.D
Acq: 1 Jun 2020 12:10

Tgt Ion:165 Resp: 86846
Ion Ratio Lower Upper
165 100
63 1.0 35.9 53.9#
89 1.3 60.0 90.0#
182 0.0 2.0 3.0#



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

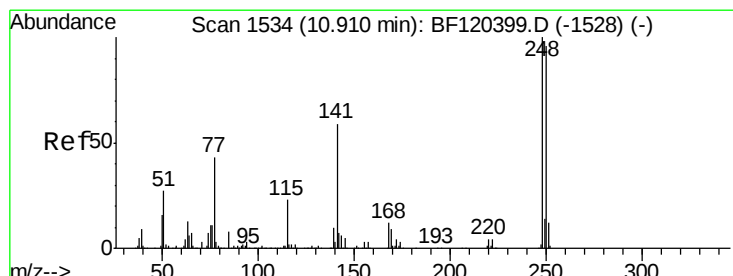
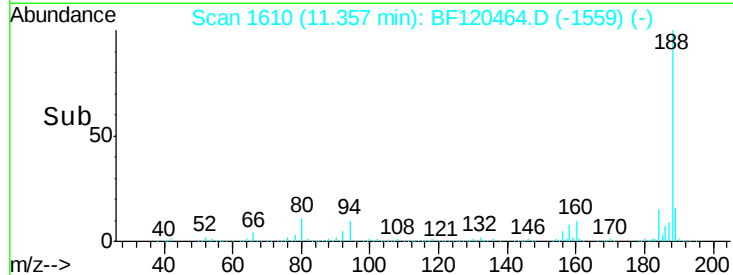
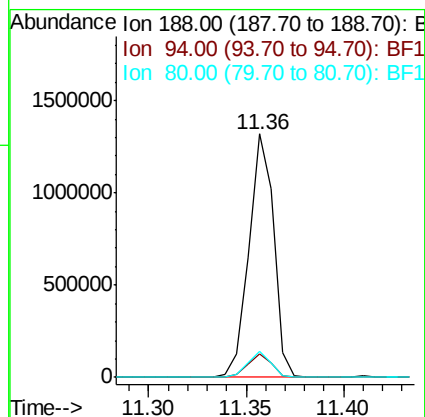
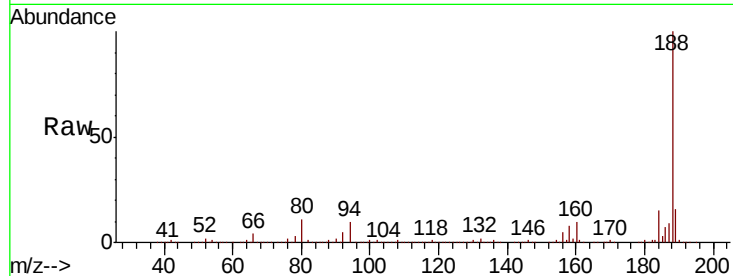




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF120464.D
Acq: 1 Jun 2020 12:10

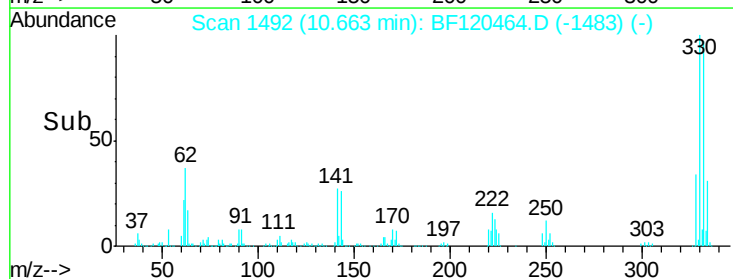
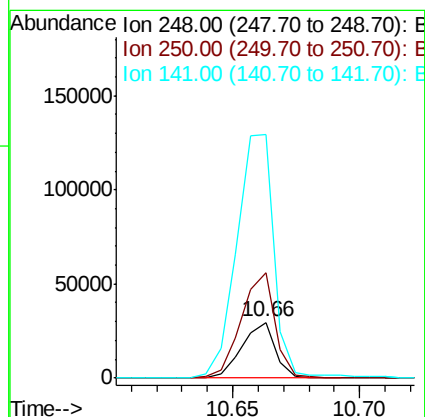
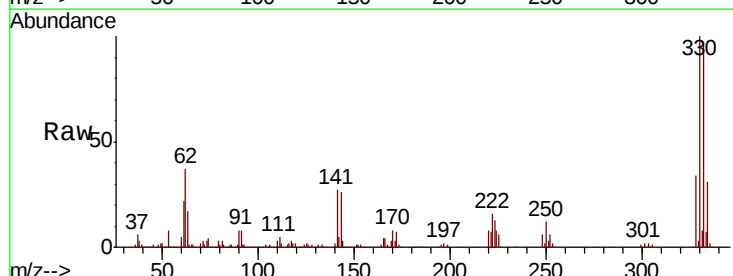
Instrument :
BNA_F
ClientSampleId :
NM14-COMP-2020-0-6

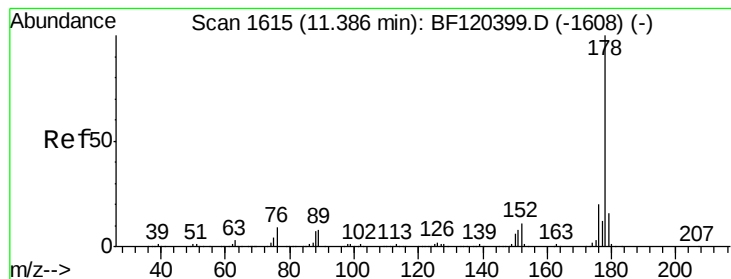
Tot Ion:188 Resp: 1158261
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 10.7 8.6 13.0



#67
4-Bromophenyl-phenylether
Concen: 2.312 ng
RT: 10.66 min Scan# 1492
Delta R.T. -0.25 min
Lab File: BF120464.D
Acq: 1 Jun 2020 12:10

Tgt Ion:248 Resp: 27036
Ion Ratio Lower Upper
248 100
250 189.8 76.5 114.7#
141 438.5 47.2 70.8#





#71

Phenanthrene

Concen: 2.077 ng

RT: 11.38 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BF120464.D

Acq: 1 Jun 2020 12:10

Instrument :

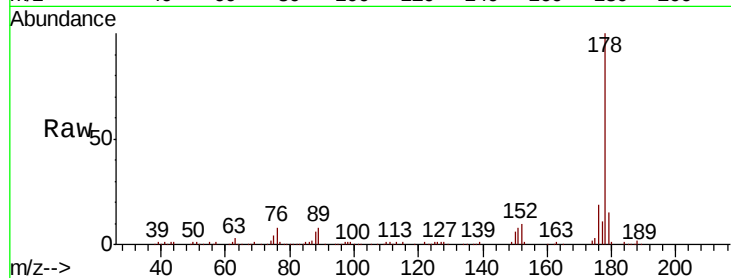
BNA_F

ClientSampleId :

NM14-COMP-2020-0-6

Tot Ion:178 Resp: 105995

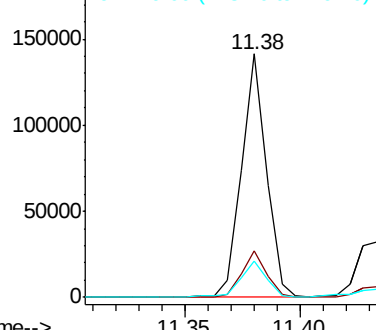
Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.4	24.6
179	15.1	13.0	19.4



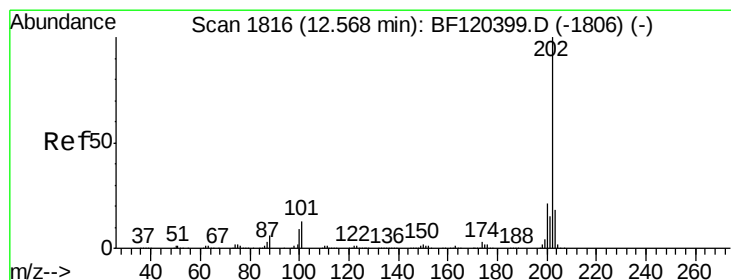
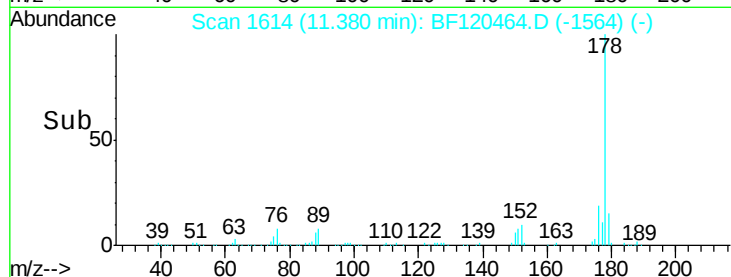
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#75

Fluoranthene

Concen: 4.567 ng

RT: 12.57 min Scan# 1816

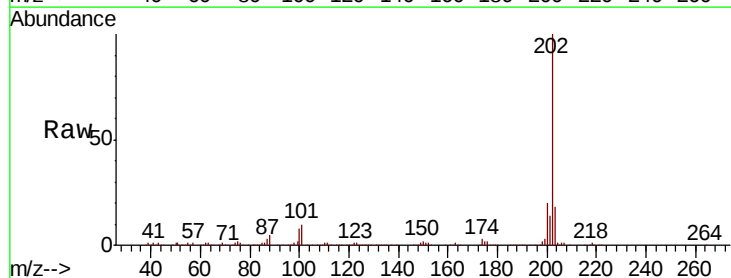
Delta R.T. -0.01 min

Lab File: BF120464.D

Acq: 1 Jun 2020 12:10

Tgt Ion:202 Resp: 250776

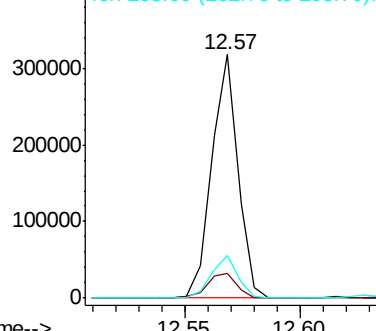
Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	32.6
203	17.7	0.0	38.4



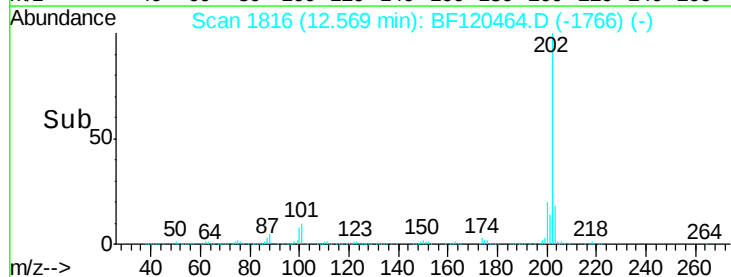
Abundance Ion 202.00 (201.70 to 202.70): E

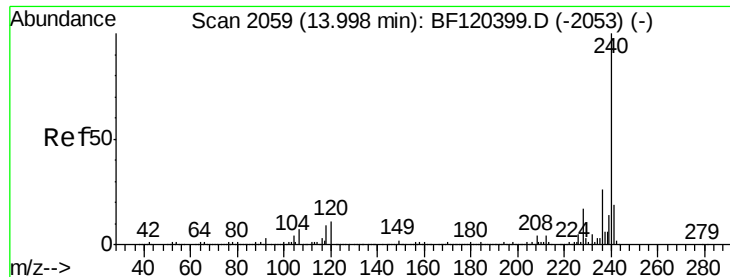
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->

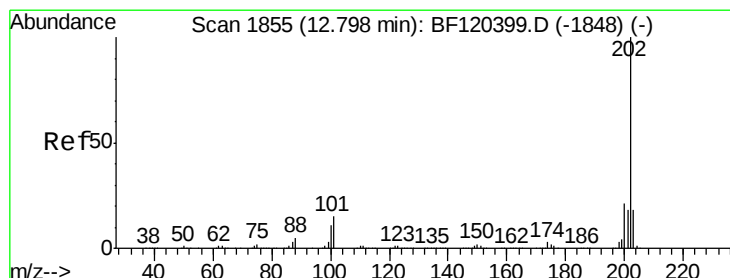
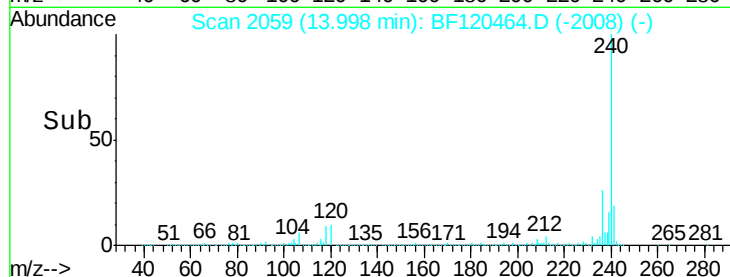
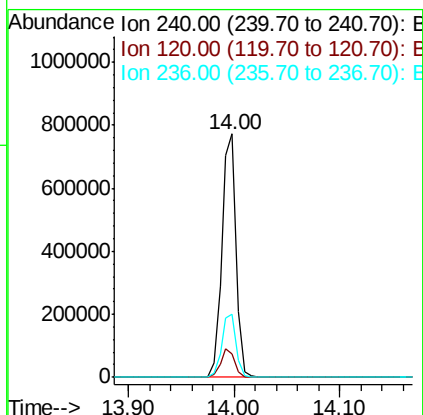
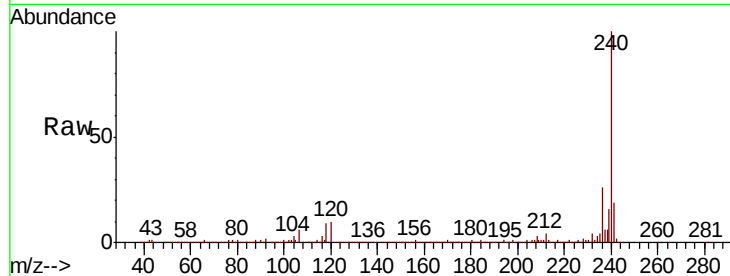




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BF120464.D
Acq: 1 Jun 2020 12:10

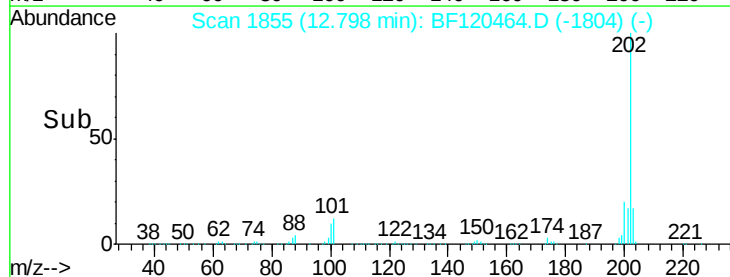
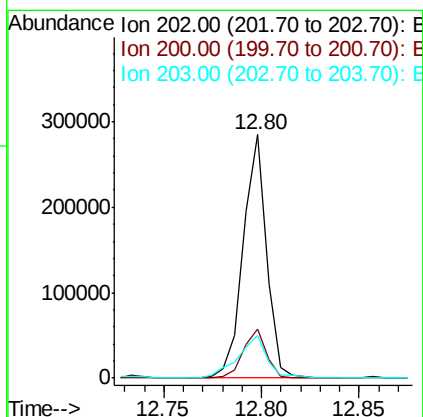
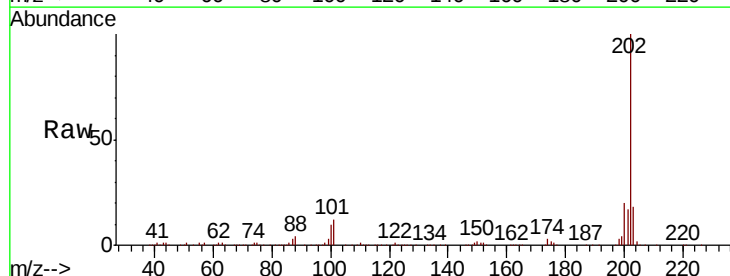
Instrument :
BNA_F
ClientSampleId :
NM14-COMP-2020-0-6

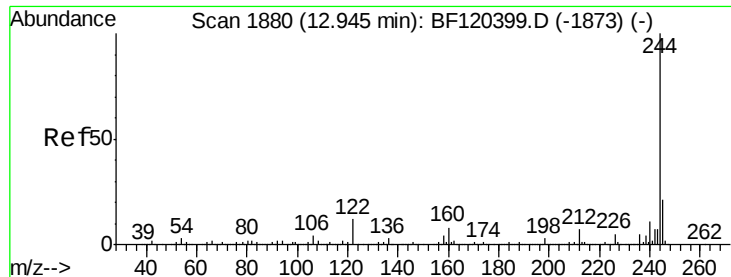
Tot Ion:240 Resp: 726541
Ion Ratio Lower Upper
240 100
120 9.6 8.8 13.2
236 25.9 21.0 31.4



#78
Pyrene
Concen: 4.656 ng
RT: 12.80 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF120464.D
Acq: 1 Jun 2020 12:10

Tgt Ion:202 Resp: 235264
Ion Ratio Lower Upper
202 100
200 20.3 17.0 25.4
203 17.6 14.7 22.1





#79

Terphenyl-d14

Concen: 53.087 ng

RT: 12.95 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BF120464.D

Acq: 1 Jun 2020 12:10

Instrument :

BNA_F

ClientSampleId :

NM14-COMP-2020-0-6

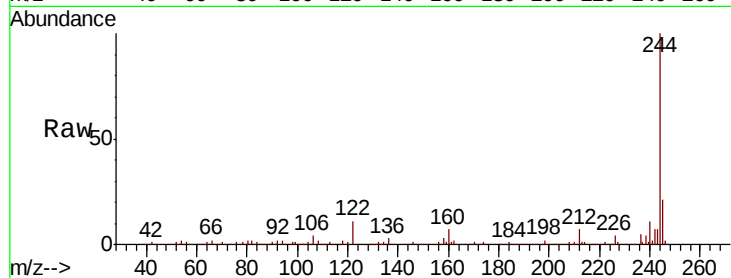
Tot Ion:244 Resp: 1733306

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

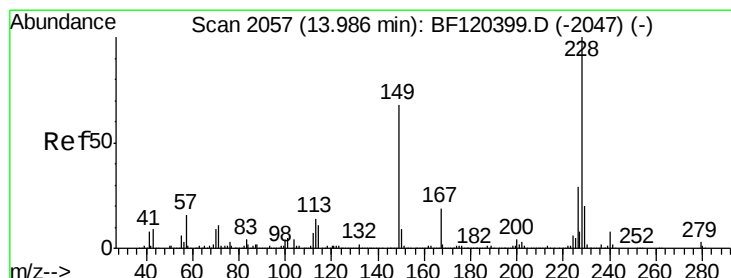
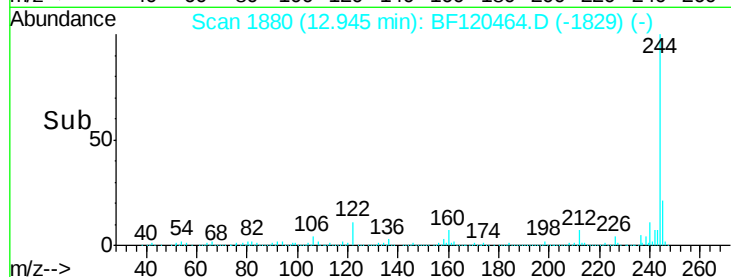
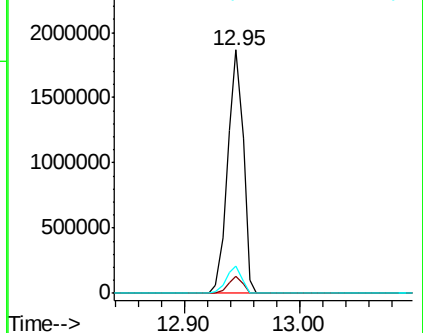
122 11.1 9.2 13.8



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



#81

Benzo(a)anthracene

Concen: 2.978 ng

RT: 13.99 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BF120464.D

Acq: 1 Jun 2020 12:10

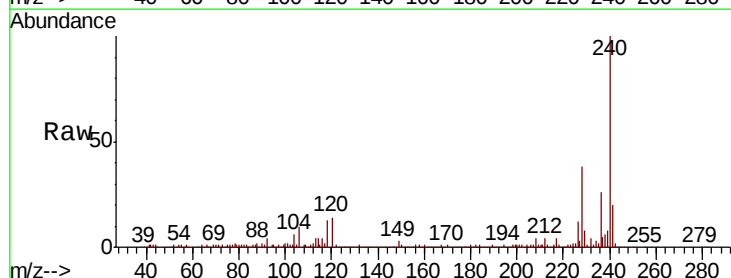
Tgt Ion:228 Resp: 115954

Ion Ratio Lower Upper

228 100

226 30.2 23.0 34.4

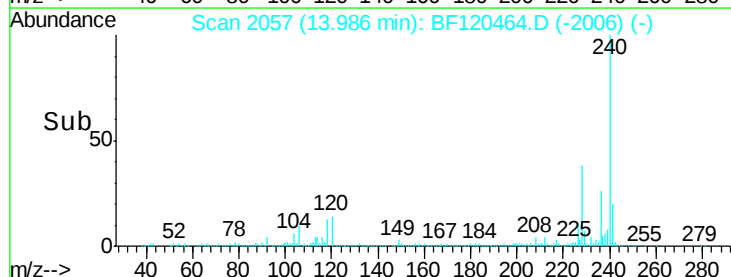
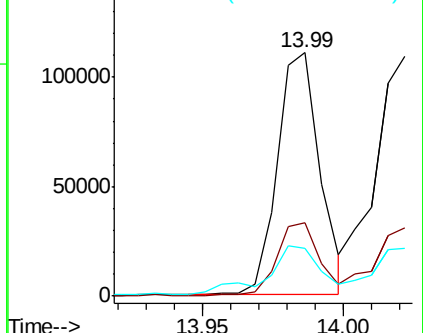
229 19.6 16.2 24.4

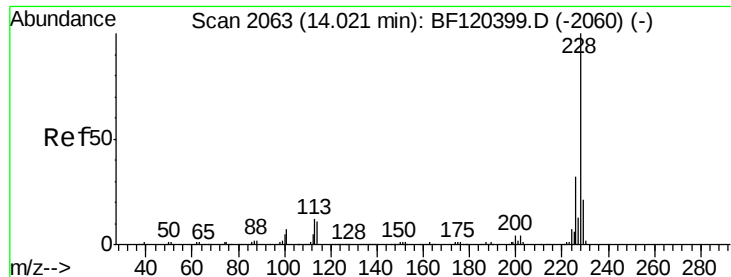


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

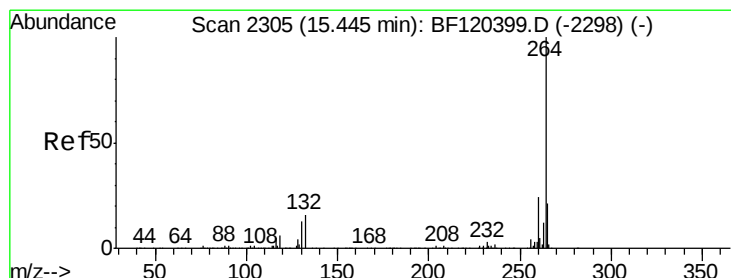
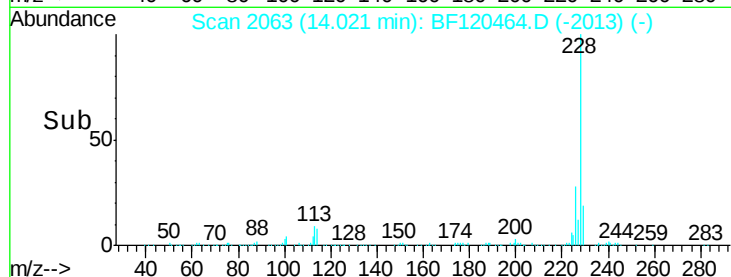
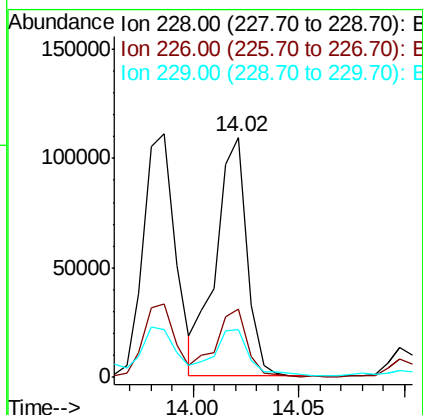
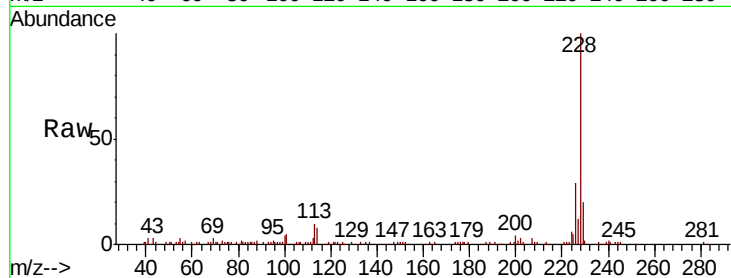




#83
Chrysene
Concen: 2.723 ng
RT: 14.02 min Scan# 2063
Delta R.T. -0.01 min
Lab File: BF120464.D
Acq: 1 Jun 2020 12:10

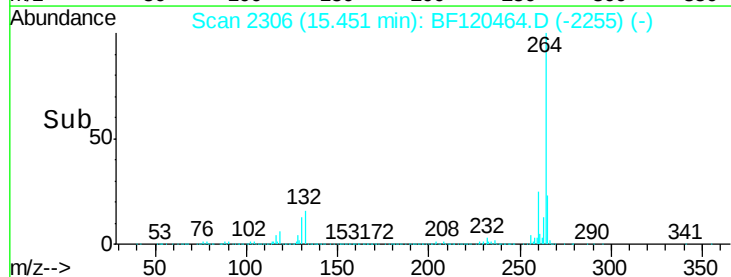
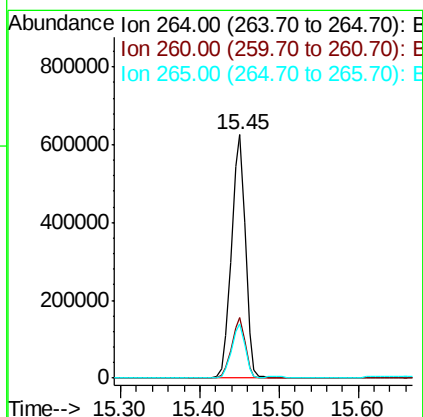
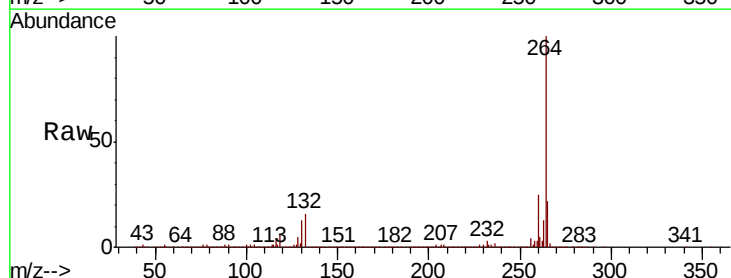
Instrument :
BNA_F
ClientSampleId :
NM14-COMP-2020-0-6

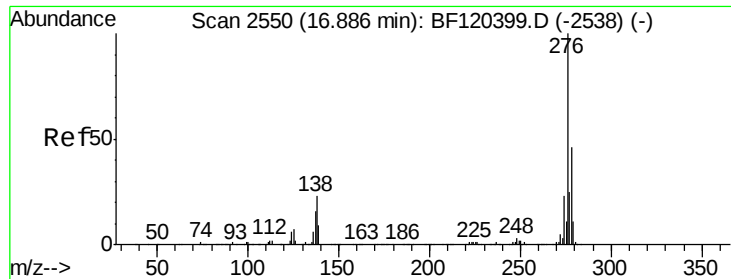
Tot Ion:228 Resp: 111158
Ion Ratio Lower Upper
228 100
226 28.6 25.6 38.4
229 19.9 16.6 25.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2306
Delta R.T. 0.00 min
Lab File: BF120464.D
Acq: 1 Jun 2020 12:10

Tgt Ion:264 Resp: 765181
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 22.5 16.9 25.3

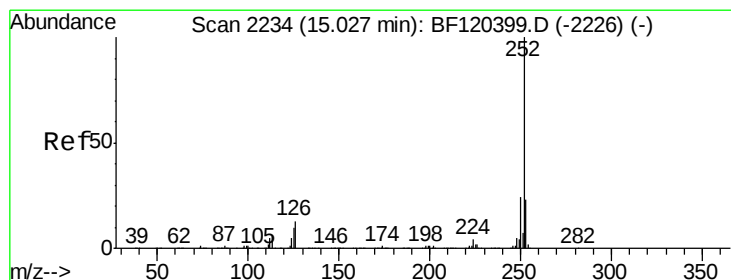
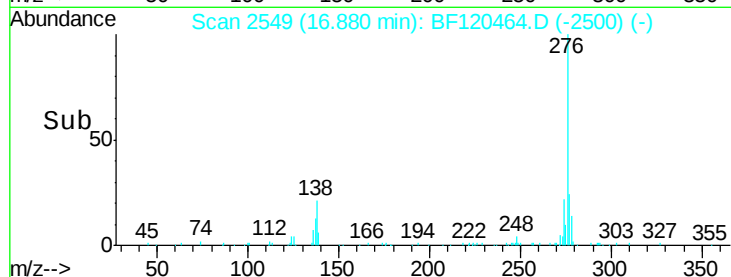
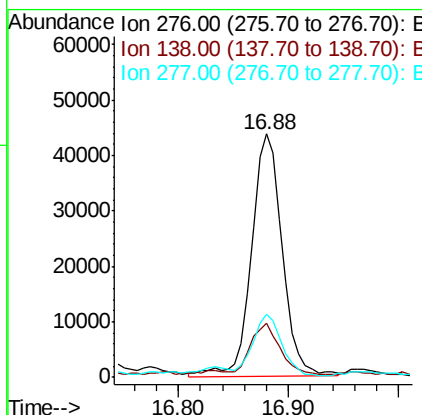
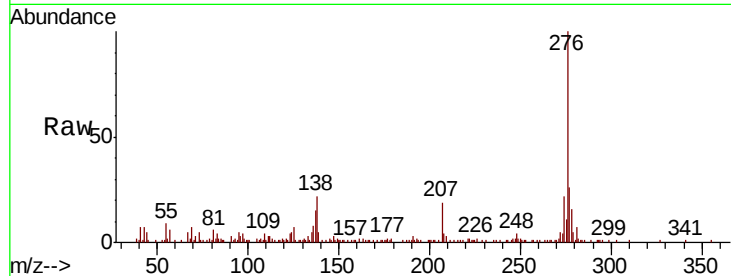




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.031 ng
 RT: 16.88 min Scan# 2549
 Delta R.T. -0.01 min
 Lab File: BF120464.D
 Acq: 1 Jun 2020 12:10

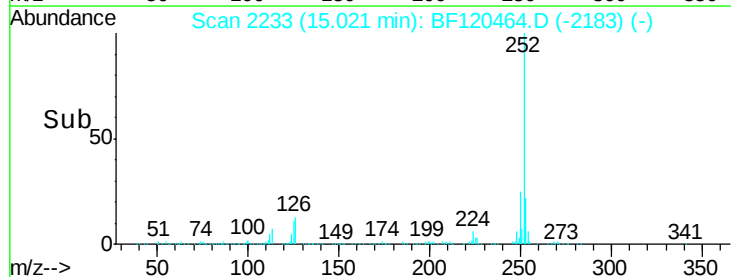
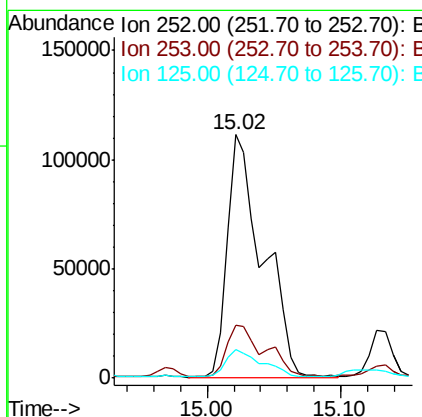
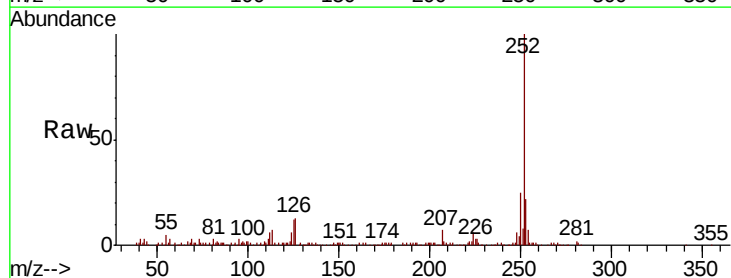
Instrument :
 BNA_F
 ClientSampleId :
 NM14-COMP-2020-0-6

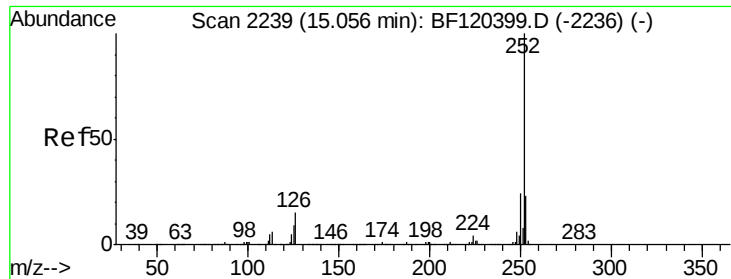
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.4	20.4	30.6
277	23.7	20.4	30.6



#88
 Benzo(b)fluoranthene
 Concen: 4.855 ng
 RT: 15.02 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF120464.D
 Acq: 1 Jun 2020 12:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	11.8	7.8	11.8

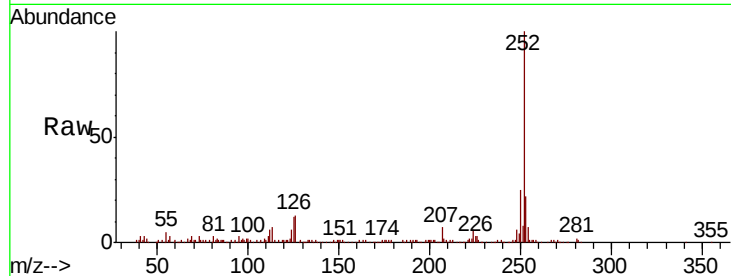




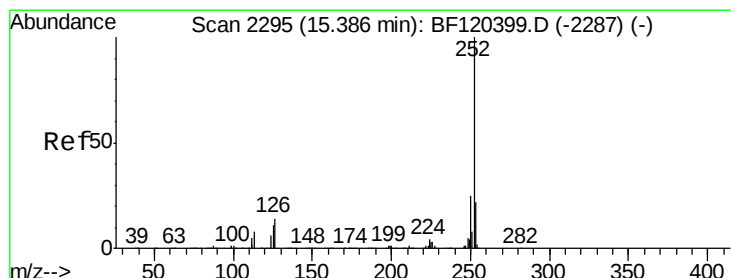
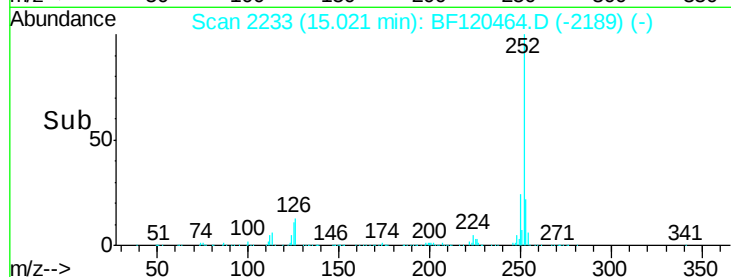
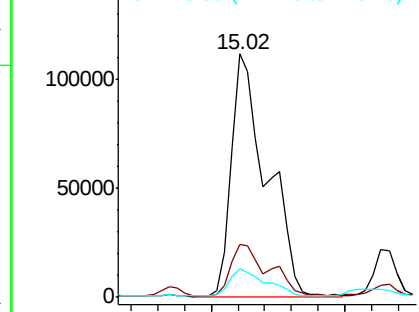
#89
Benzo(k)fluoranthene
Concen: 5.201 ng
RT: 15.02 min Scan# 2233
Delta R.T. -0.04 min
Lab File: BF120464.D
Acq: 1 Jun 2020 12:10

Instrument :
BNA_F
ClientSampleId :
NM14-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.5	27.7
125	11.8	8.0	12.0

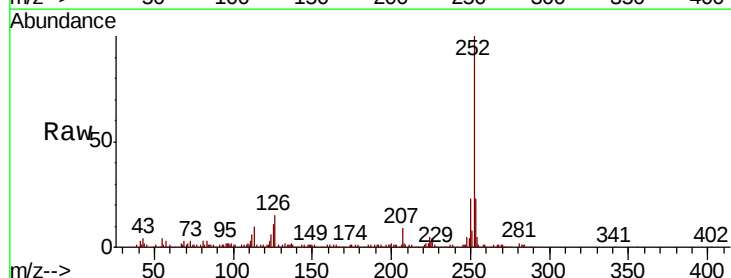


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

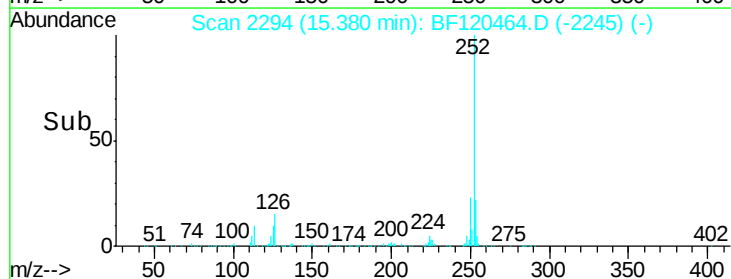
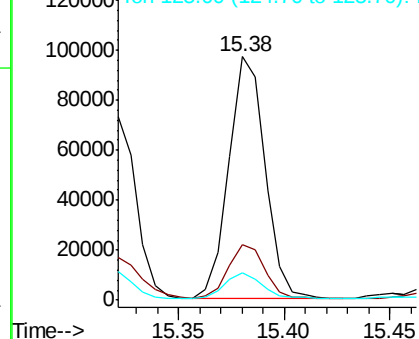


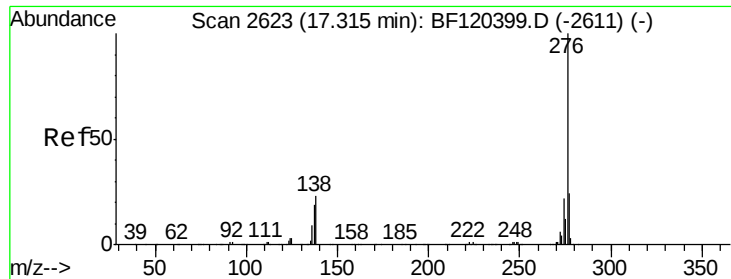
#90
Benzo(a)pyrene
Concen: 3.107 ng
RT: 15.38 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BF120464.D
Acq: 1 Jun 2020 12:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	11.1	8.7	13.1



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: 2.539 ng
 RT: 17.32 min Scan# 2623
 Delta R.T. -0.01 min
 Lab File: BF120464.D
 Acq: 1 Jun 2020 12:10

Instrument :
 BNA_F
 ClientSampleId :
 NM14-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.5	29.3
138	20.6	18.1	27.1

