

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060120\
 Data File : BF120469.D
 Acq On : 1 Jun 2020 14:24
 Operator : JU/CG
 Sample : L2792-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6MS

Quant Time: Jun 01 15:00:22 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	249214	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	899891	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	435178	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	748002	20.00	ng	0.00
76) Chrysene-d12	14.00	240	490968	20.00	ng	0.00
86) Perylene-d12	15.46	264	580355	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1613519	123.39	ng	0.02
7) Phenol-d6	6.48	99	2074295	128.69	ng	0.01
23) Nitrobenzene-d5	7.41	82	1361902	99.00	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	557301	138.22	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2377616	92.70	ng	0.00
79) Terphenyl-d14	12.95	244	2132773	96.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	268077	41.384	ng	98
3) Pyridine	3.41	79	602348	33.575	ng	96
4) n-Nitrosodimethylamine	3.36	42	328326	43.245	ng	98
6) Aniline	6.50	93	370170	16.471	ng	97
8) 2-Chlorophenol	6.63	128	674360	45.734	ng	99
9) Benzaldehyde	6.39	77	369276	37.591	ng	97
10) Phenol	6.49	94	763351	43.308	ng	94
11) bis(2-Chloroethyl)ether	6.58	93	691723	46.963	ng	98
12) 1,3-Dichlorobenzene	6.79	146	694499	42.872	ng	97
13) 1,4-Dichlorobenzene	6.86	146	702434	43.461	ng	99
14) 1,2-Dichlorobenzene	7.02	146	634024	42.471	ng	100
15) Benzyl Alcohol	6.99	79	528284	43.479	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	932617	40.163	ng	100
17) 2-Methylphenol	7.10	107	519692	39.414	ng	98
18) Hexachloroethane	7.36	117	241624	40.841	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	423464	41.330	ng	99
20) 3+4-Methylphenols	7.25	107	586411	35.205	ng	# 88
22) Acetophenone	7.25	105	809168	44.274	ng	# 92
24) Nitrobenzene	7.43	77	657110	44.342	ng	93
25) Isophorone	7.66	82	1196775	43.283	ng	100
26) 2-Nitrophenol	7.74	139	344441	51.551	ng	98
27) 2,4-Dimethylphenol	7.78	122	564251	48.628	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	757428	45.488	ng	99
29) 2,4-Dichlorophenol	7.98	162	531309	45.333	ng	100
30) 1,2,4-Trichlorobenzene	8.06	180	591225	44.952	ng	99
31) Naphthalene	8.15	128	1796929	45.467	ng	99
32) Benzoic acid	7.90	122	445137	51.697	ng	98
33) 4-Chloroaniline	8.20	127	455106	25.983	ng	98
34) Hexachlorobutadiene	8.26	225	344412	44.178	ng	98
35) Caprolactam	8.56	113	117247	30.890	ng	97
36) 4-Chloro-3-methylphenol	8.67	107	532817	44.810	ng	97
37) 2-Methylnaphthalene	8.84	142	1196787	45.718	ng	98
38) 1-Methylnaphthalene	8.93	142	1120933	45.364	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	552738	49.529	ng	99

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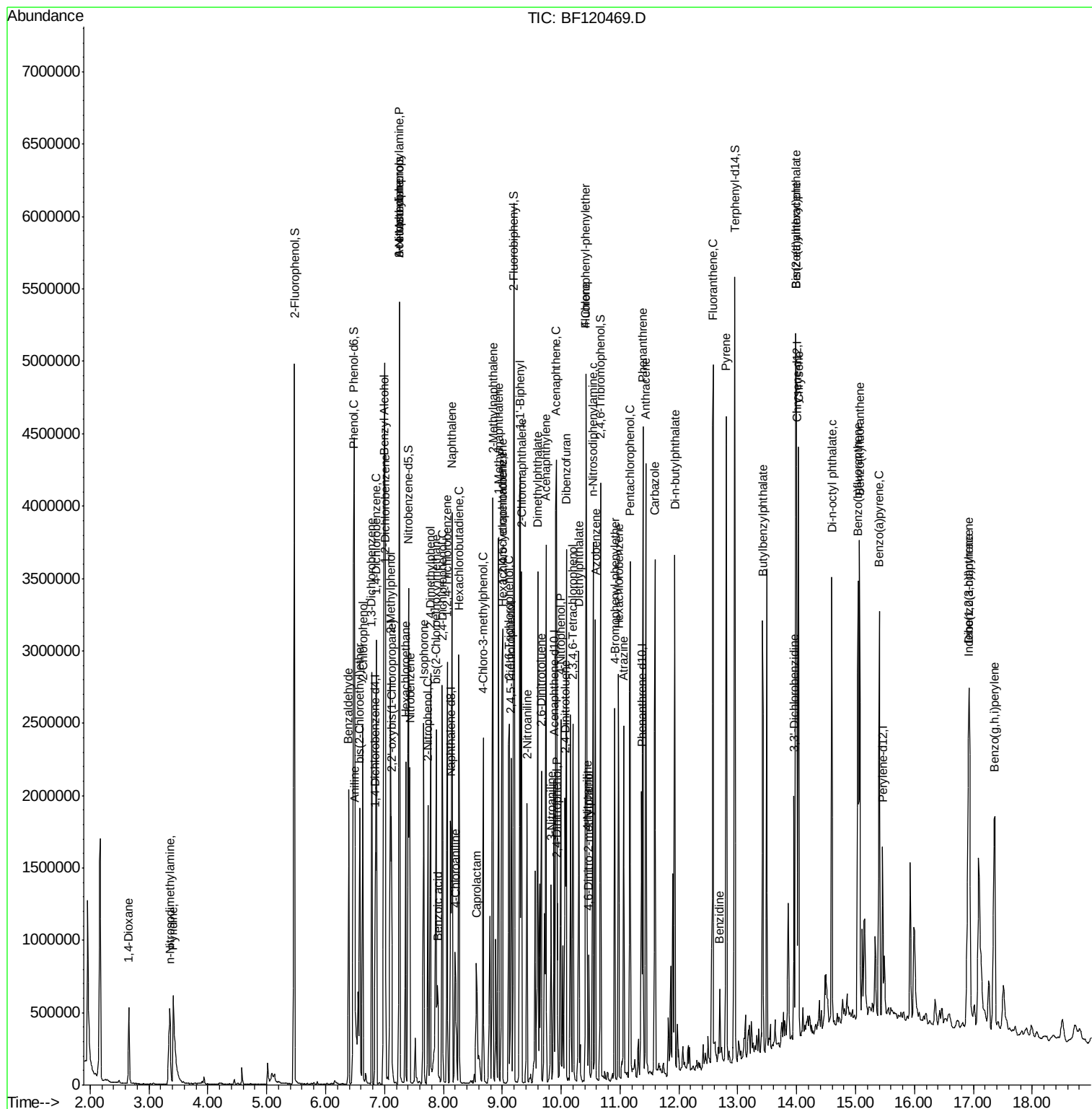
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	382130	61.353	nq	98
43) 2,4,6-Trichlorophenol	9.12	196	382701	47.416	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	400014	43.722	nq	95
46) 1,1'-Biphenyl	9.30	154	1426961	49.915	nq	98
47) 2-Chloronaphthalene	9.33	162	1083047	46.008	nq	99
48) 2-Nitroaniline	9.42	65	334709	46.682	nq	91
49) Acenaphthylene	9.74	152	1740888	47.857	nq	99
50) Dimethylphthalate	9.60	163	1578346	58.014	nq	100
51) 2,6-Dinitrotoluene	9.66	165	280685	46.424	nq	90
52) Acenaphthene	9.92	154	1090009	48.011	nq	99
53) 3-Nitroaniline	9.83	138	212850	29.980	nq	97
54) 2,4-Dinitrophenol	9.93	184	154229	64.925	nq	99
55) Dibenzofuran	10.09	168	1512724	45.850	nq	98
56) 4-Nitrophenol	9.99	139	464071	85.377	nq	98
57) 2,4-Dinitrotoluene	10.06	165	356446	46.064	nq	95
58) Fluorene	10.43	166	1100151	44.435	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	325302	45.629	nq	99
60) Diethylphthalate	10.30	149	1253380	45.590	nq	100
61) 4-Chlorophenyl-phenylether	10.42	204	549651	40.948	nq	99
62) 4-Nitroaniline	10.45	138	263225	39.272	nq	95
63) Azobenzene	10.58	77	1118862	43.266	nq	98
65) 4,6-Dinitro-2-methylphenol	10.47	198	109273	40.052	nq	97
66) n-Nitrosodiphenylamine	10.54	169	1020546	49.116	nq	99
67) 4-Bromophenyl-phenylether	10.91	248	356206	47.177	nq	99
68) Hexachlorobenzene	10.97	284	378667	47.093	nq	93
69) Atrazine	11.06	200	275443	47.032	nq	98
70) Pentachlorophenol	11.17	266	425029	86.454	nq	98
71) Phenanthrene	11.39	178	1817233	55.136	nq	100
72) Anthracene	11.44	178	1641370	49.634	nq	99
73) Carbazole	11.59	167	1395707	43.636	nq	100
74) Di-n-butylphthalate	11.93	149	1725324	46.370	nq	100
75) Fluoranthene	12.58	202	2106664	59.402	nq	98
77) Benzidine	12.69	184	219687	17.030	nq	98
78) Pyrene	12.80	202	2092989	61.299	nq	100
80) Butylbenzylphthalate	13.42	149	674955	47.351	nq	98
81) Benzo(a)anthracene	13.99	228	1560095	59.289	nq	98
82) 3,3'-Dichlorobenzidine	13.96	252	395706	41.422	nq	99
83) Chrysene	14.03	228	1533543	55.591	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	839143	50.150	nq	# 98
85) Di-n-octyl phthalate	14.60	149	1509265	52.128	nq	99
87) Indeno(1,2,3-cd)pyrene	16.92	276	1625424	51.207	nq	98
88) Benzo(b)fluoranthene	15.04	252	1919485	59.547	nq	99
89) Benzo(k)fluoranthene	15.07	252	1261245	41.912	nq	100
90) Benzo(a)pyrene	15.40	252	1529456	54.244	nq	98
91) Dibenzo(a,h)anthracene	16.93	278	1199504	46.351	nq	99
92) Benzo(g,h,i)perylene	17.36	276	1368967	53.634	nq	98

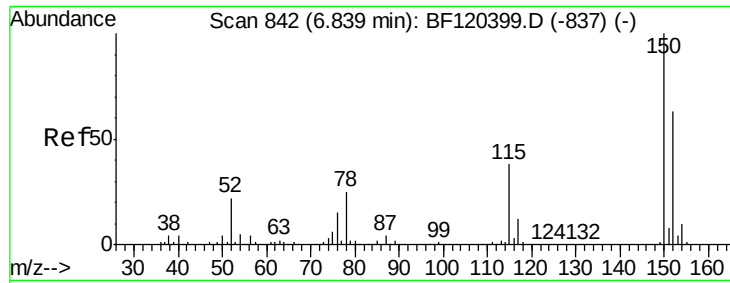
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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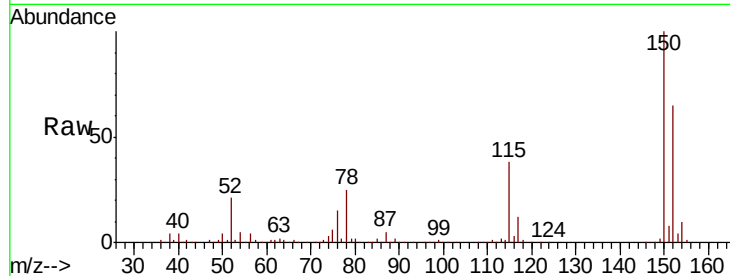




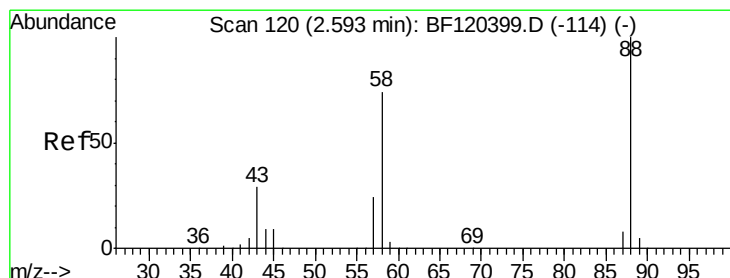
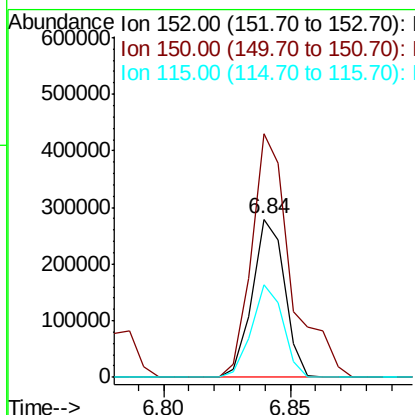
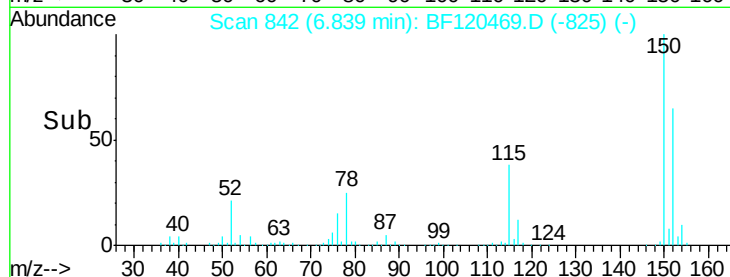
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF120469.D
 Acq: 1 Jun 2020 14:24

Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6MS

Tot Ion:152 Resp: 249214
 Ion Ratio Lower Upper
 152 100
 150 153.9 126.5 189.7
 115 58.7 47.6 71.4

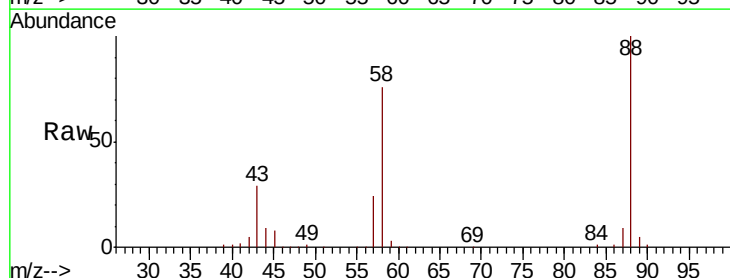


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

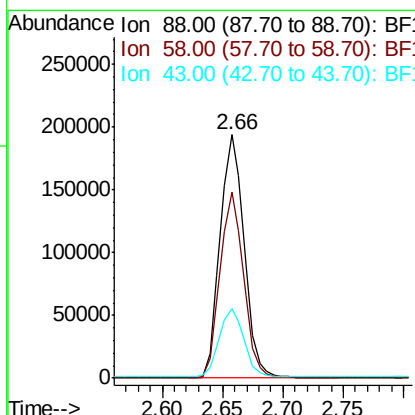
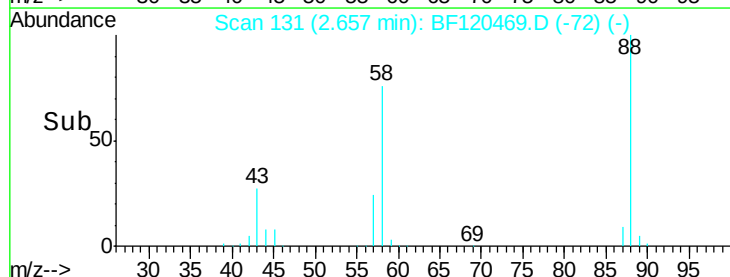


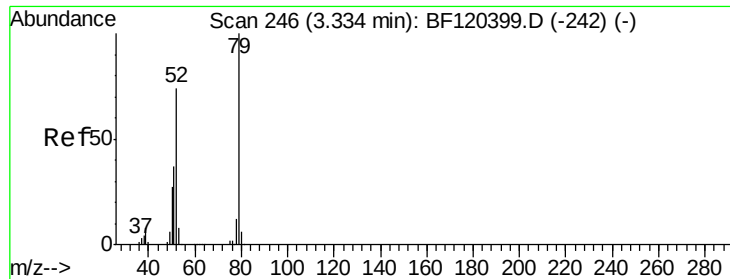
#2
 1,4-Dioxane
 Concen: 41.384 ng
 RT: 2.66 min Scan# 131
 Delta R.T. 0.05 min
 Lab File: BF120469.D
 Acq: 1 Jun 2020 14:24

Tgt Ion: 88 Resp: 268077
 Ion Ratio Lower Upper
 88 100
 58 74.3 61.0 91.4
 43 28.5 23.6 35.4



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 33.575 ng

RT: 3.41 min Scan# 259

Delta R.T. 0.05 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MS

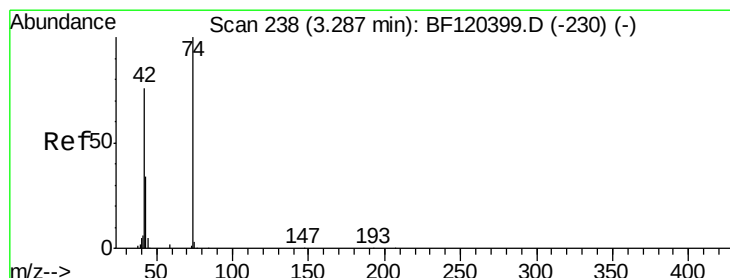
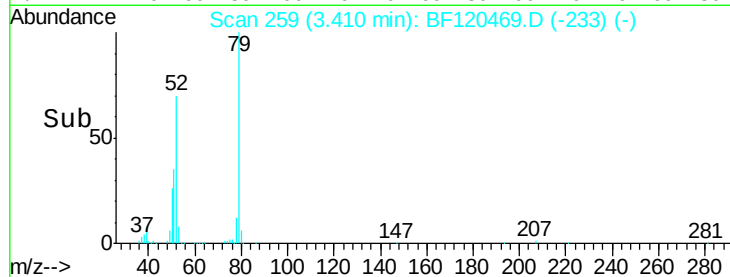
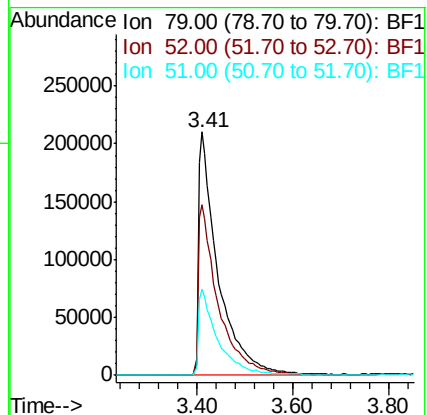
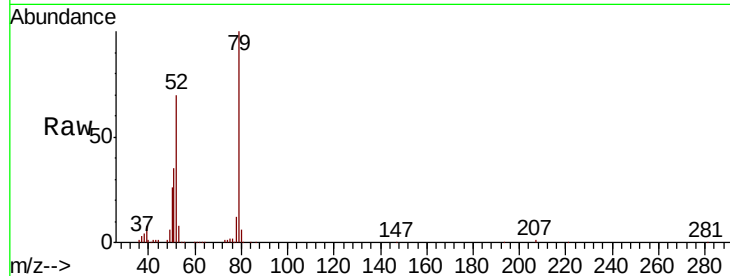
Tot Ion: 79 Resp: 602348

Ion Ratio Lower Upper

79 100

52 70.2 59.2 88.8

51 35.4 29.4 44.2



#4

n-Nitrosodimethylamine

Concen: 43.245 ng

RT: 3.36 min Scan# 250

Delta R.T. 0.05 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

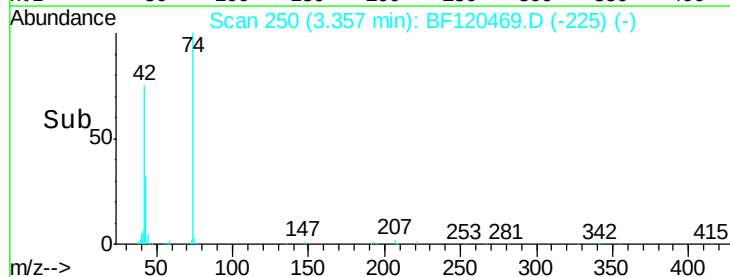
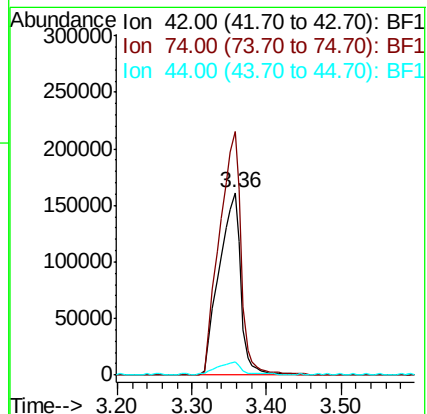
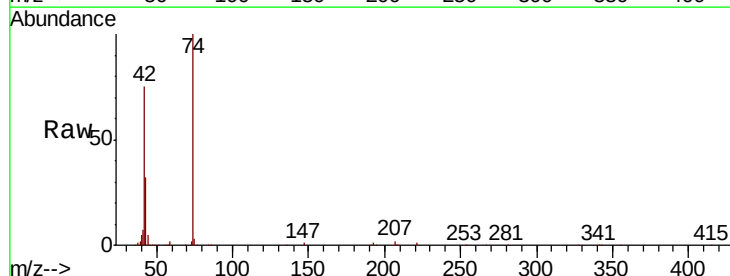
Tgt Ion: 42 Resp: 328326

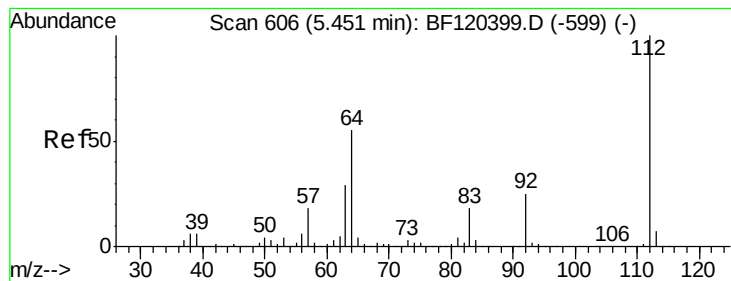
Ion Ratio Lower Upper

42 100

74 133.4 104.8 157.2

44 7.0 7.0 10.4





#5

2-Fluorophenol

Concen: 123.386 ng

RT: 5.47 min Scan# 609

Delta R.T. 0.02 min

Lab File: BF120469.D

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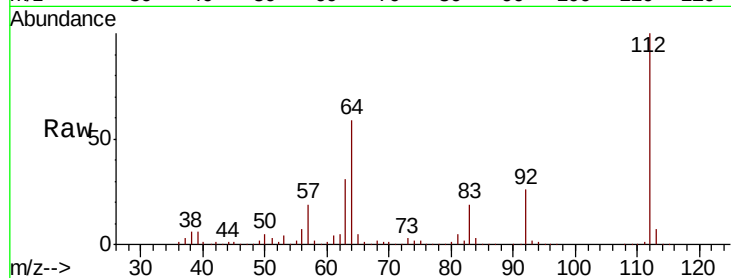
Tot Ion:112 Resp: 1613519

Ion Ratio Lower Upper

112 100

64 58.6 44.3 66.5

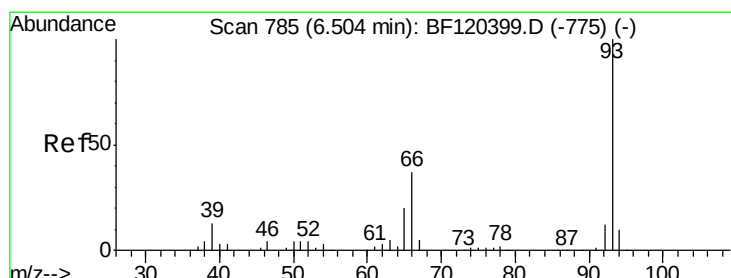
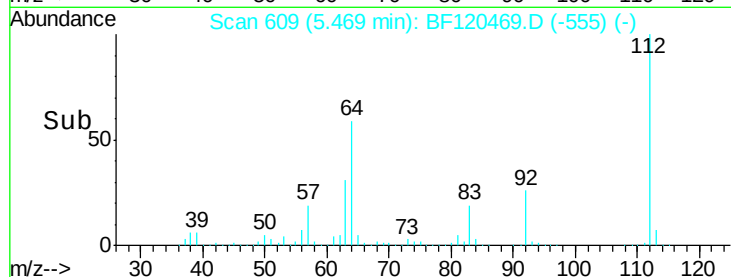
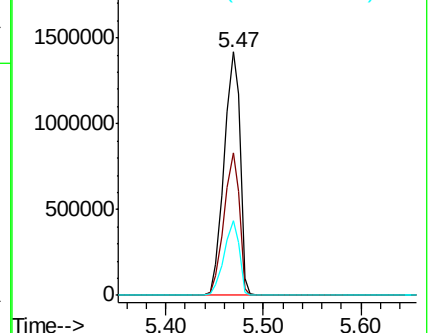
63 30.5 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.471 ng

RT: 6.50 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

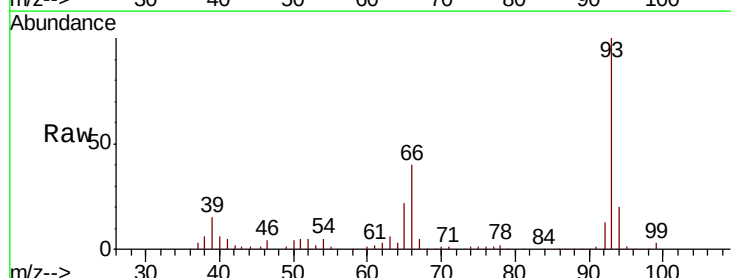
Tgt Ion: 93 Resp: 370170

Ion Ratio Lower Upper

93 100

66 40.2 30.4 45.6

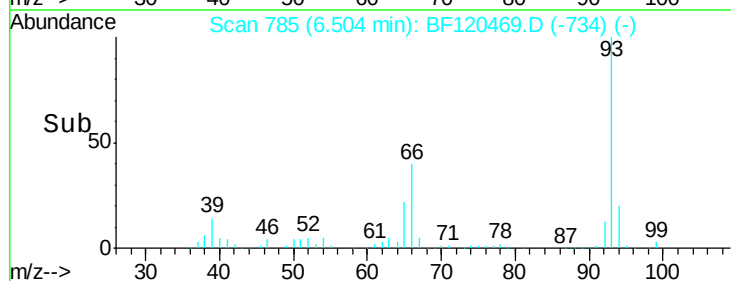
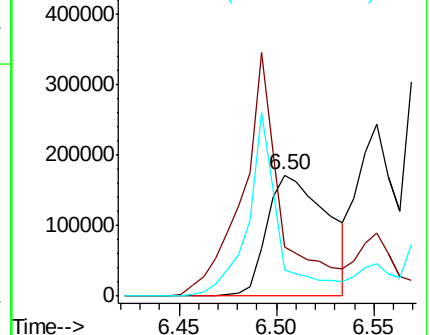
65 21.8 16.3 24.5

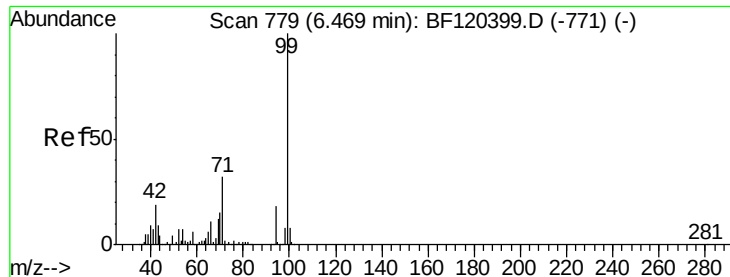


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 128.692 ng

RT: 6.48 min Scan# 781

Delta R.T. 0.01 min

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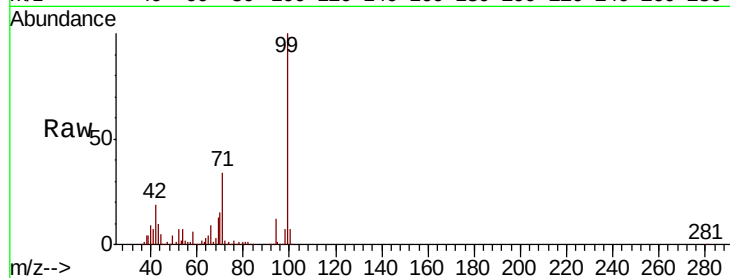
Tot Ion: 99 Resp: 2074295

Ion Ratio Lower Upper

99 100

42 19.2 15.2 22.8

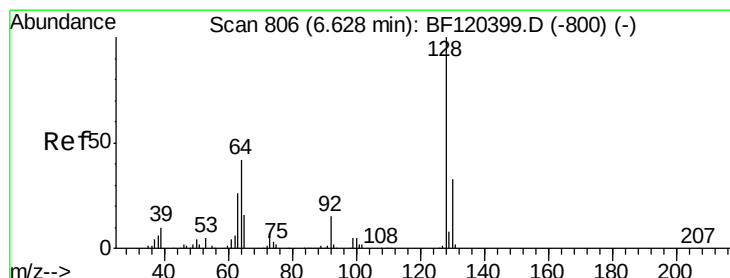
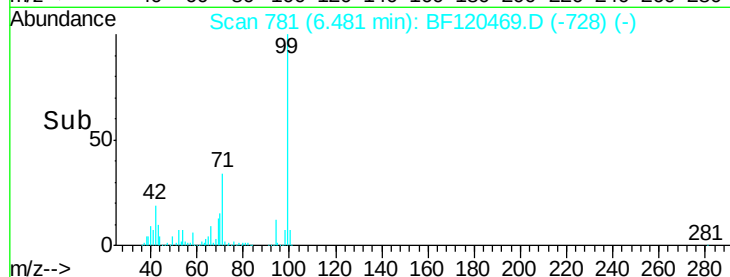
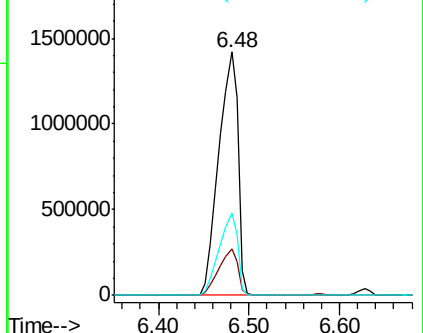
71 33.6 25.6 38.4



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



#8

2-Chlorophenol

Concen: 45.734 ng

RT: 6.63 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

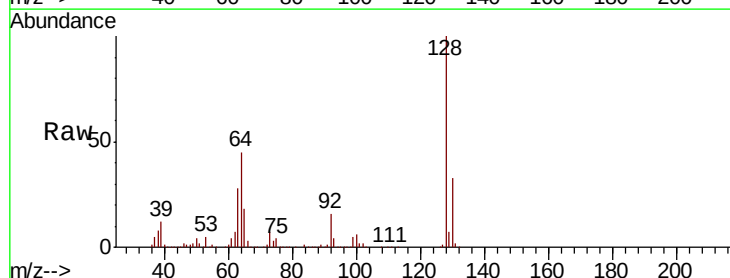
Tgt Ion:128 Resp: 674360

Ion Ratio Lower Upper

128 100

130 32.8 12.9 52.9

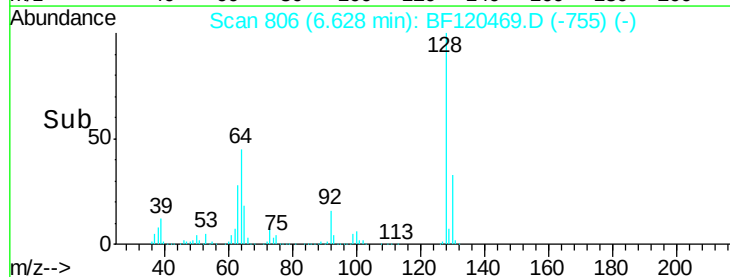
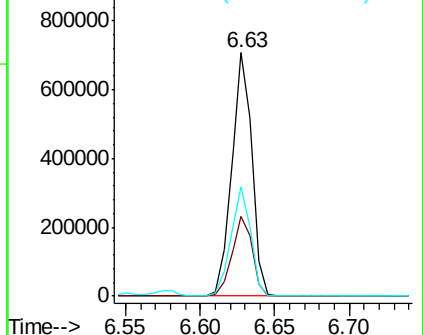
64 44.6 23.2 63.2

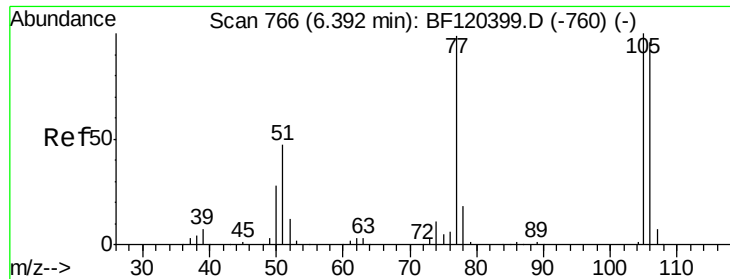


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.591 ng

RT: 6.39 min Scan# 766

Delta R.T. 0.01 min

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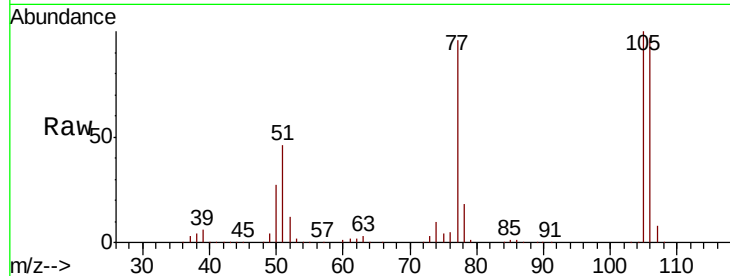
Tot Ion: 77 Resp: 369276

Ion Ratio Lower Upper

77 100

105 104.5 81.5 121.5

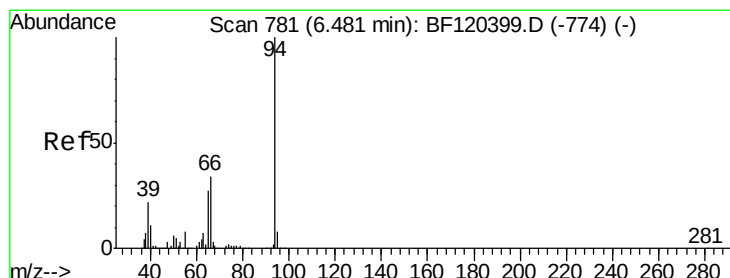
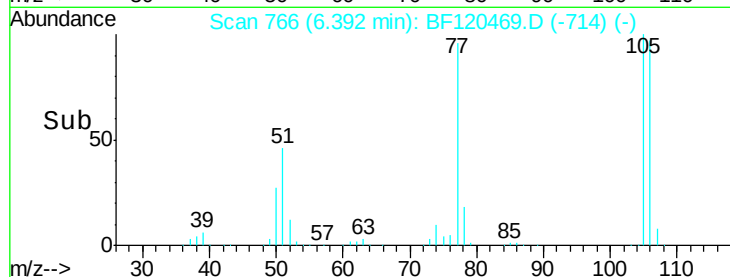
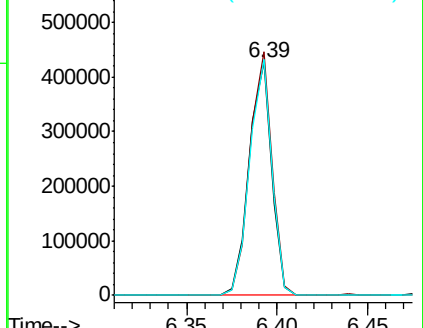
106 101.3 77.4 117.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.308 ng

RT: 6.49 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

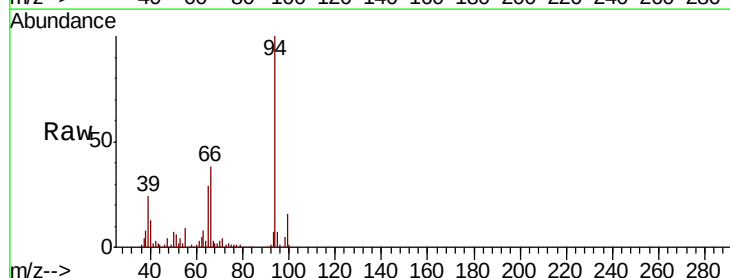
Tgt Ion: 94 Resp: 763351

Ion Ratio Lower Upper

94 100

65 28.9 6.8 46.8

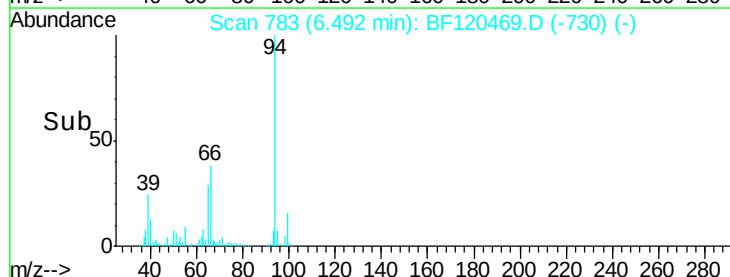
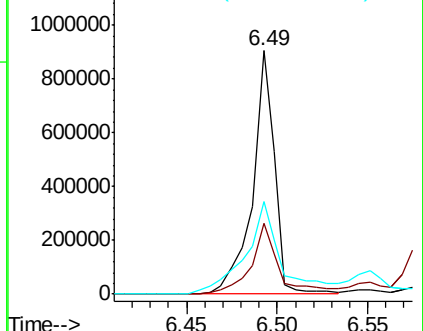
66 38.2 13.9 53.9

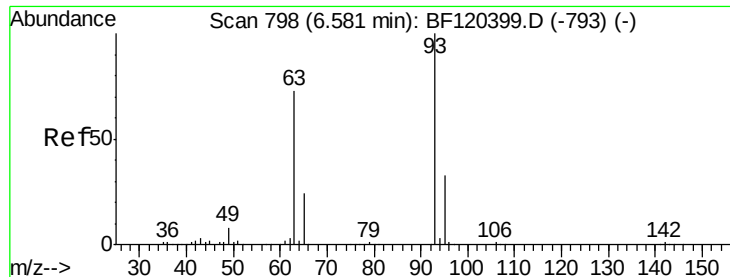


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

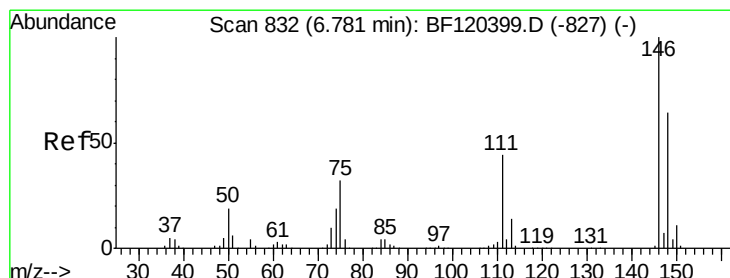
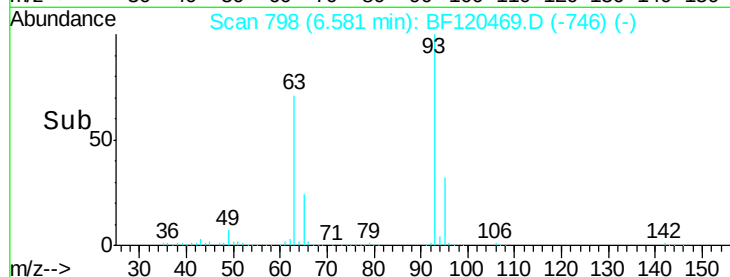
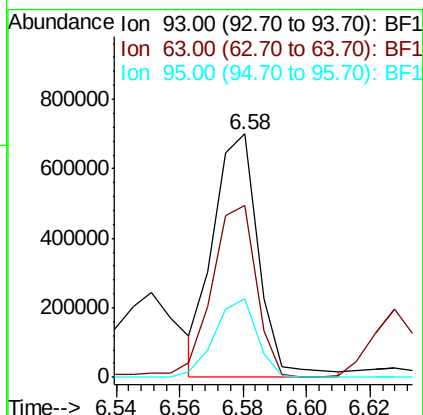
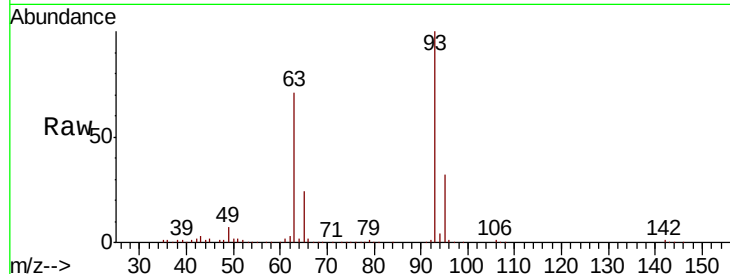




#11
bis(2-Chloroethyl)ether
Concen: 46.963 ng
RT: 6.58 min Scan# 798
Delta R.T. 0.01 min
Lab File: BF120469.D
Acq: 1 Jun 2020 14:24

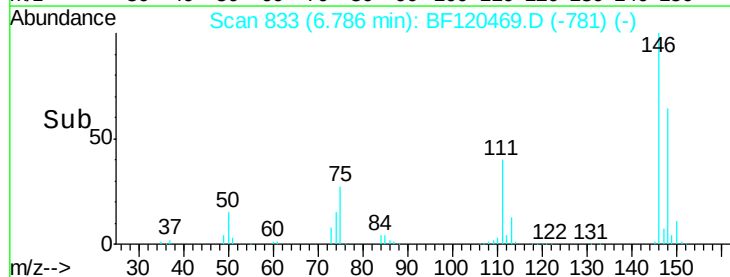
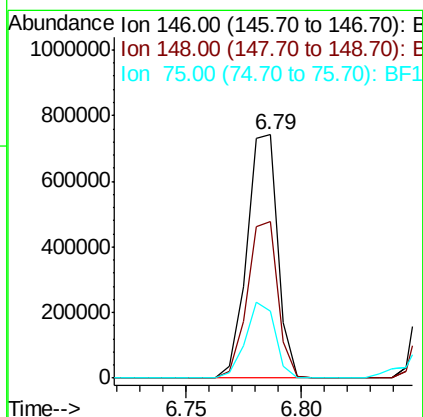
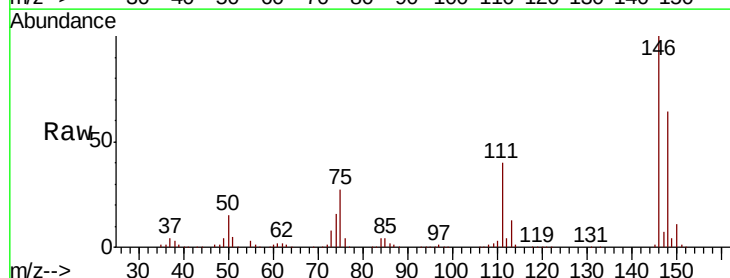
Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MS

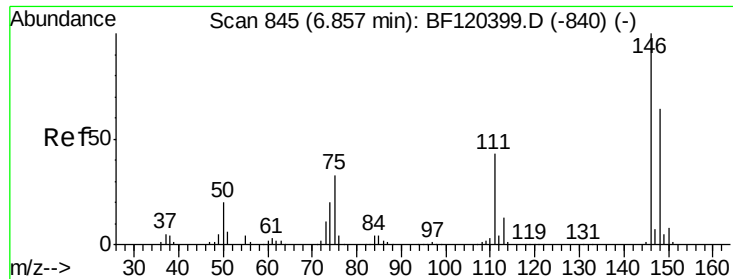
Tot Ion: 93 Resp: 691723
Ion Ratio Lower Upper
93 100
63 70.7 52.8 92.8
95 32.0 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 42.872 ng
RT: 6.79 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF120469.D
Acq: 1 Jun 2020 14:24

Tgt Ion: 146 Resp: 694499
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
75 27.4 25.9 38.9

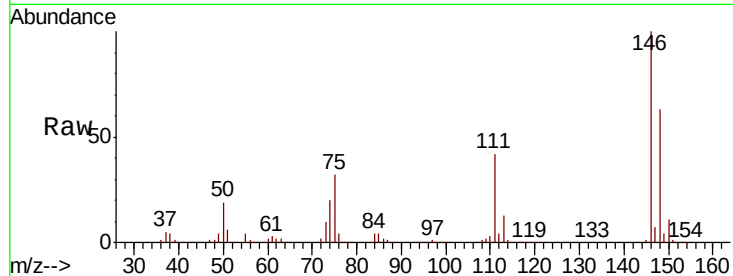




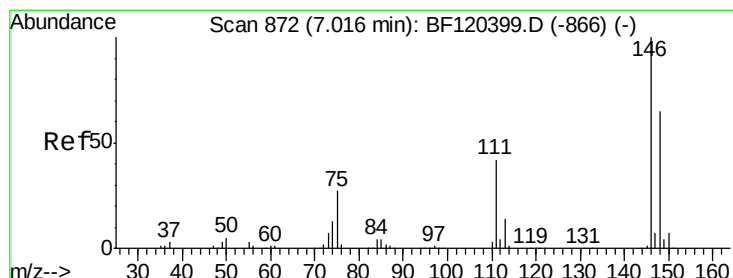
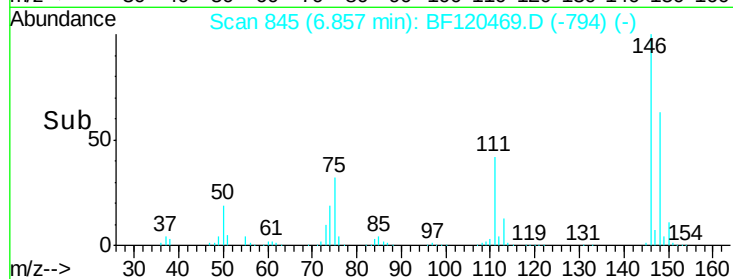
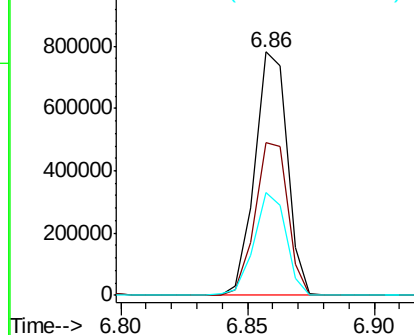
#13
 1,4-Dichlorobenzene
 Concen: 43.461 ng
 RT: 6.86 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BF120469.D
 Acq: 1 Jun 2020 14:24

Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6MS

Tot Ion:146 Resp: 702434
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.4 77.0
 111 42.1 34.2 51.4

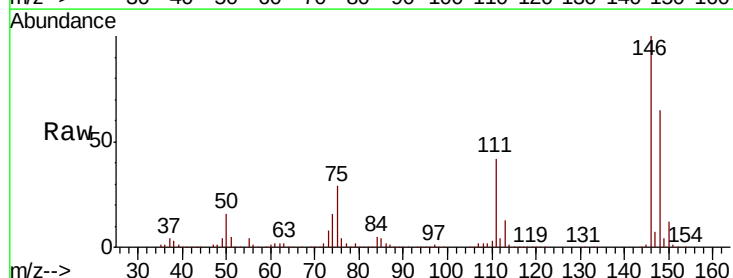


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

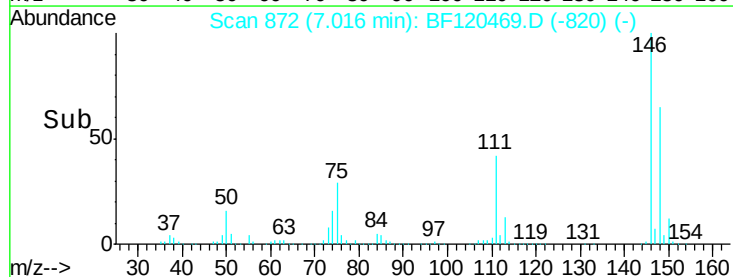
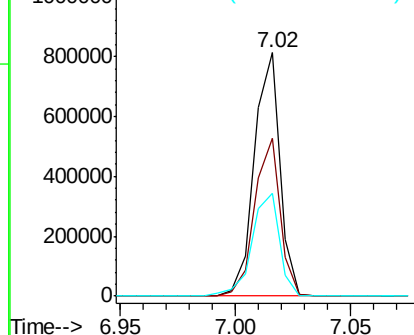


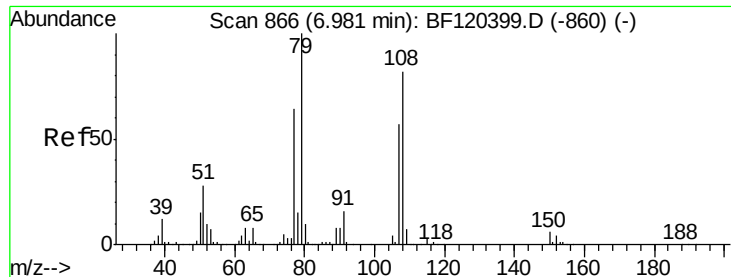
#14
 1,2-Dichlorobenzene
 Concen: 42.471 ng
 RT: 7.02 min Scan# 872
 Delta R.T. 0.01 min
 Lab File: BF120469.D
 Acq: 1 Jun 2020 14:24

Tgt Ion:146 Resp: 634024
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.3 78.5
 111 42.5 33.9 50.9



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

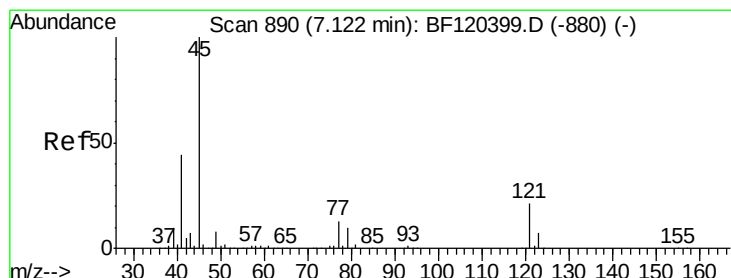
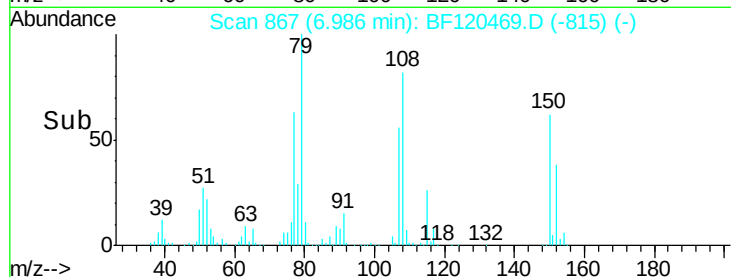
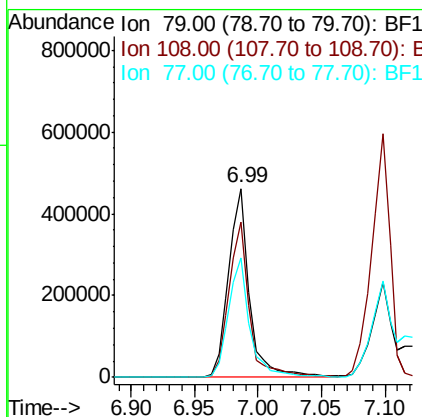
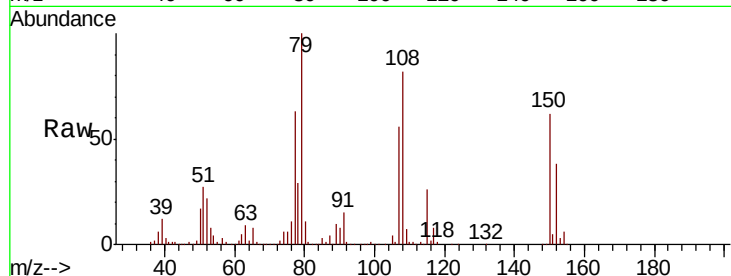




#15
Benzyl Alcohol
Concen: 43.479 ng
RT: 6.99 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF120469.D
Acq: 1 Jun 2020 14:24

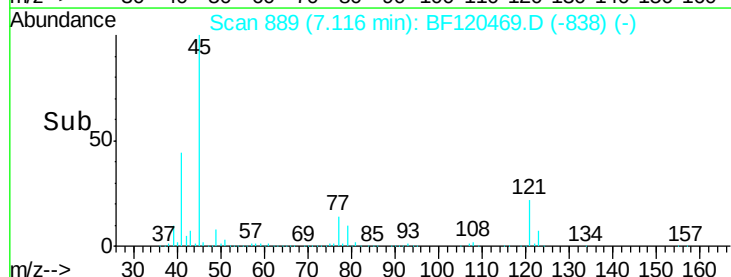
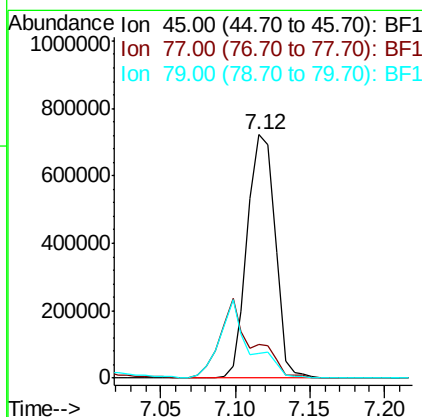
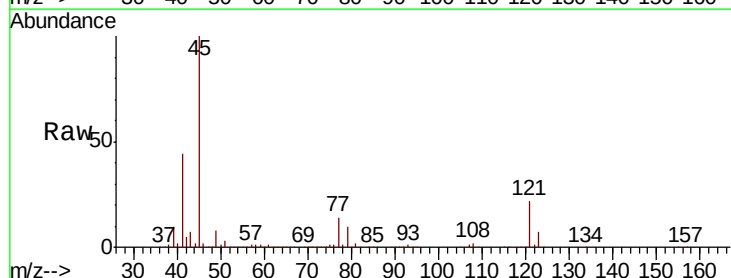
Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MS

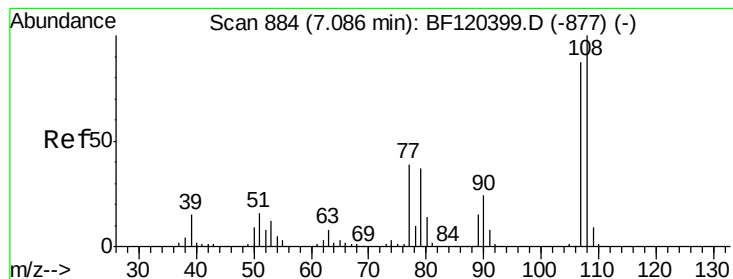
Tot Ion: 79 Resp: 528284
Ion Ratio Lower Upper
79 100
108 82.2 65.8 98.8
77 63.4 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.163 ng
RT: 7.12 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF120469.D
Acq: 1 Jun 2020 14:24

Tgt Ion: 45 Resp: 932617
Ion Ratio Lower Upper
45 100
77 13.8 0.0 33.5
79 10.3 0.0 30.3

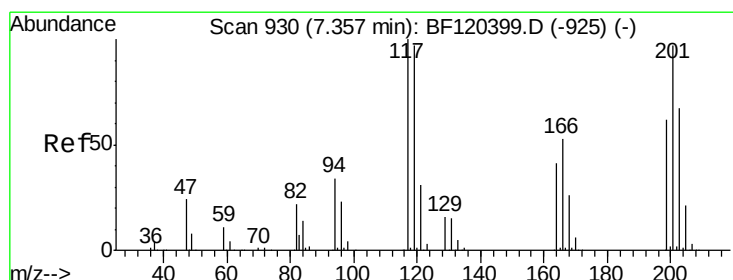
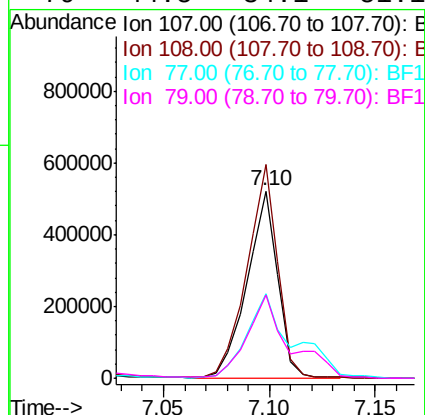
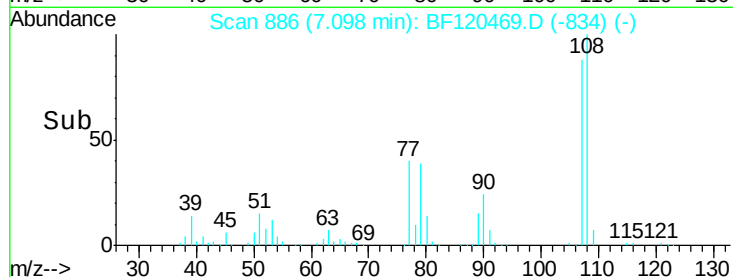
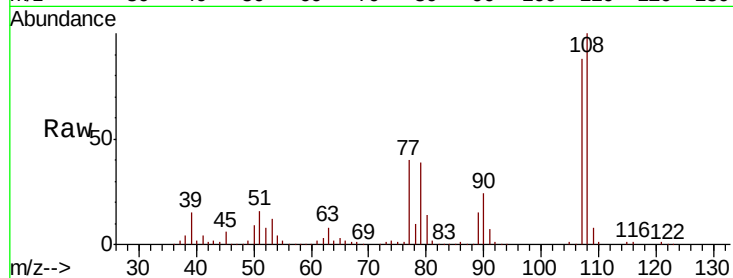




#17
2-Methylphenol
Concen: 39.414 ng
RT: 7.10 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF120469.D
Acq: 1 Jun 2020 14:24

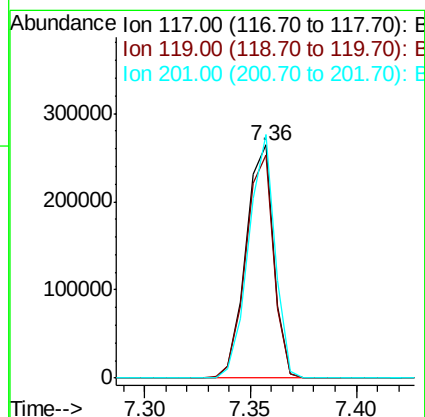
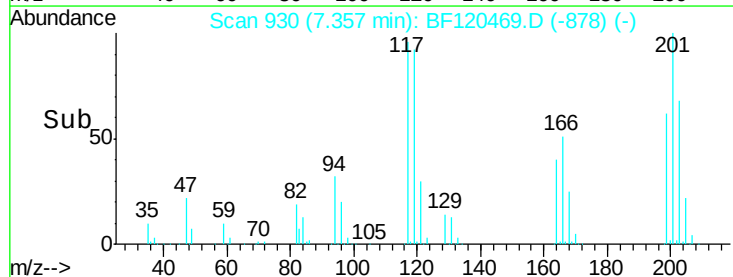
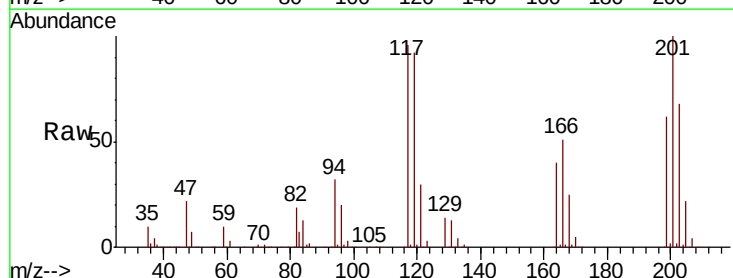
Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MS

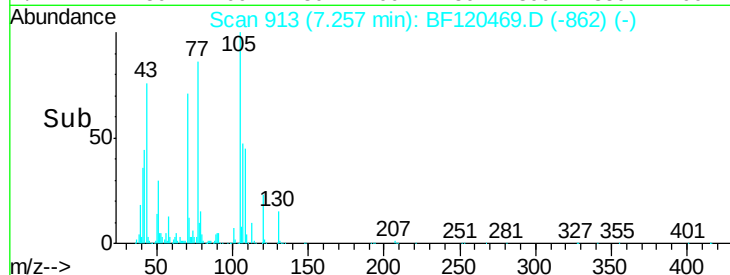
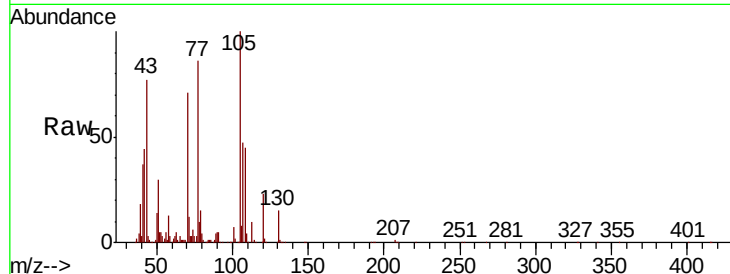
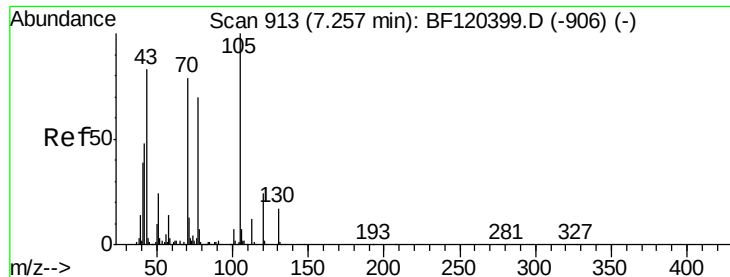
Tot Ion:107 Resp: 519692
Ion Ratio Lower Upper
107 100
108 114.2 92.3 138.5
77 45.4 35.7 53.5
79 44.5 34.1 51.1



#18
Hexachloroethane
Concen: 40.841 ng
RT: 7.36 min Scan# 930
Delta R.T. 0.01 min
Lab File: BF120469.D
Acq: 1 Jun 2020 14:24

Tgt Ion:117 Resp: 241624
Ion Ratio Lower Upper
117 100
119 96.0 77.4 116.2
201 104.4 77.7 116.5

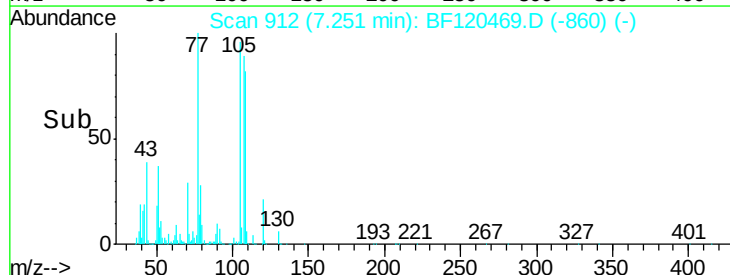
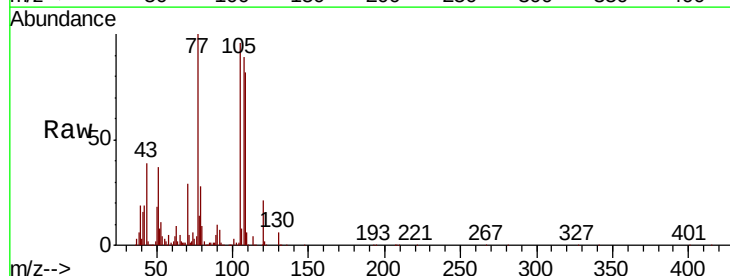
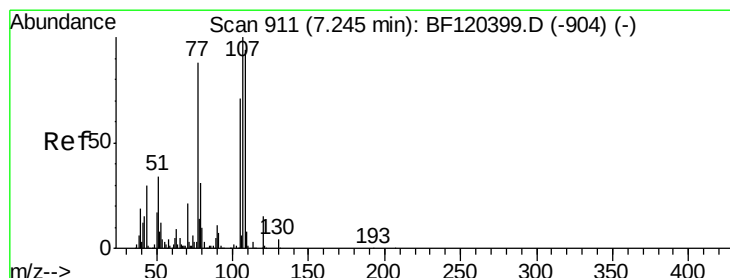
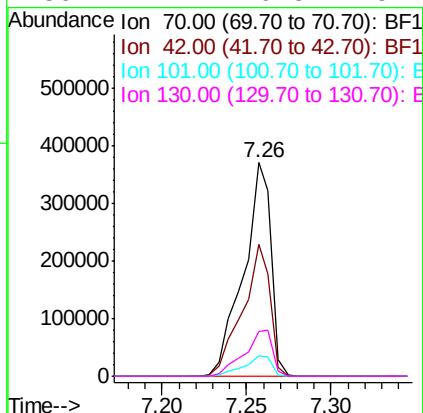




#19
n-Nitroso-di-n-propylamine
Concen: 41.330 ng
RT: 7.26 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF120469.D
Acq: 1 Jun 2020 14:24

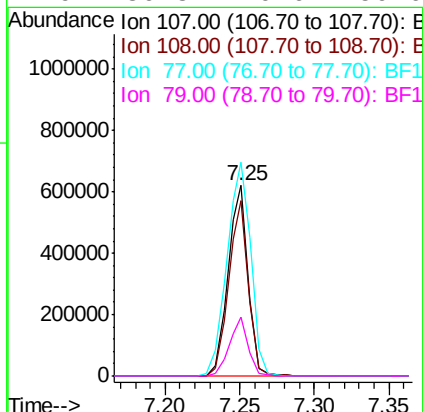
Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MS

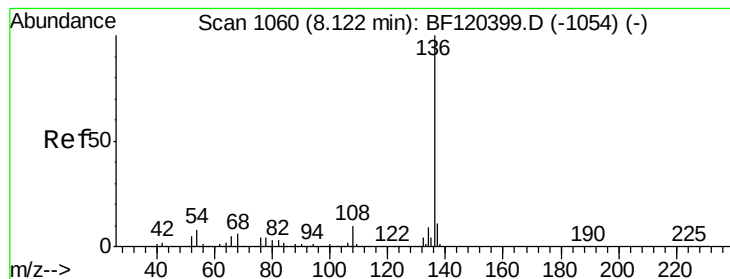
Tot Ion: 70 Resp: 423464
Ion Ratio Lower Upper
70 100
42 62.0 48.9 73.3
101 9.5 7.4 11.2
130 21.2 16.8 25.2



#20
3+4-Methylphenols
Concen: 35.205 ng
RT: 7.25 min Scan# 912
Delta R.T. 0.01 min
Lab File: BF120469.D
Acq: 1 Jun 2020 14:24

Tgt Ion:107 Resp: 586411
Ion Ratio Lower Upper
107 100
108 91.7 74.4 114.4
77 112.1 67.6 107.6#
79 30.8 10.6 50.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MS

Tot Ion:136 Resp: 899891

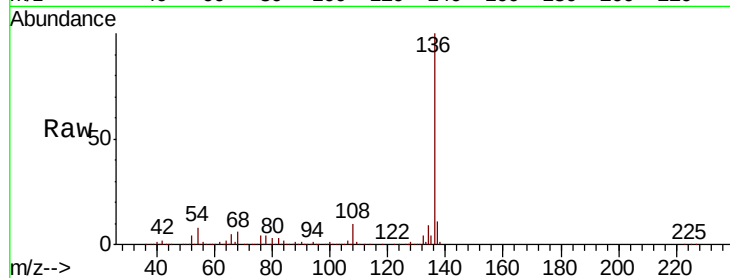
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.9 6.7 10.1

68 6.3 5.0 7.4

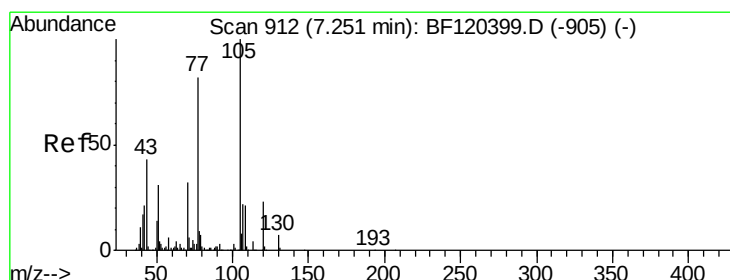
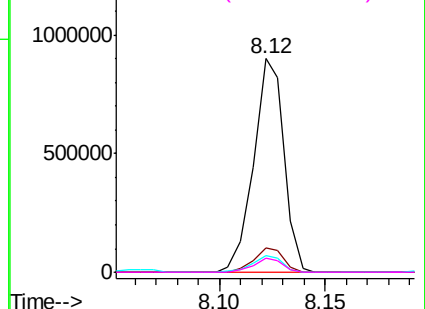
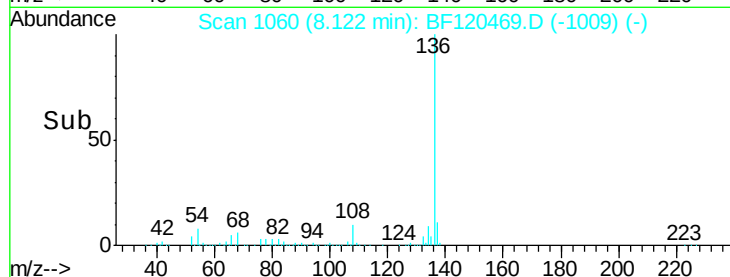


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 44.274 ng

RT: 7.25 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

Tgt Ion:105 Resp: 809168

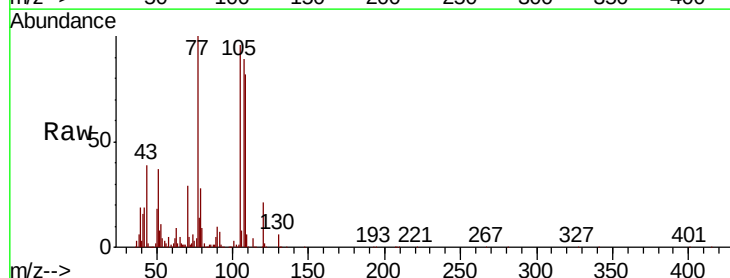
Ion Ratio Lower Upper

105 100

71 5.2 4.4 6.6

51 39.0 24.5 36.7#

120 22.2 18.2 27.2

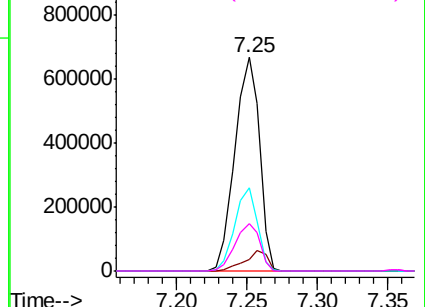
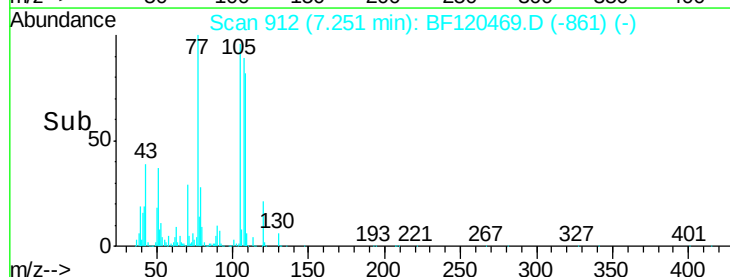


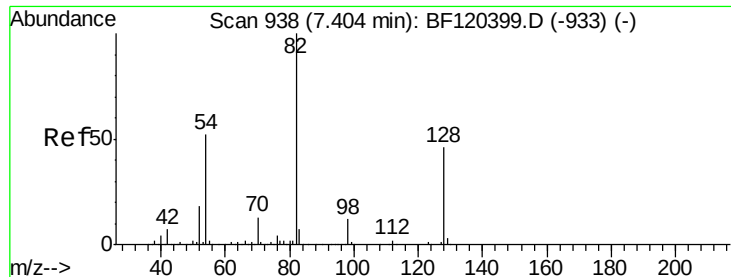
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



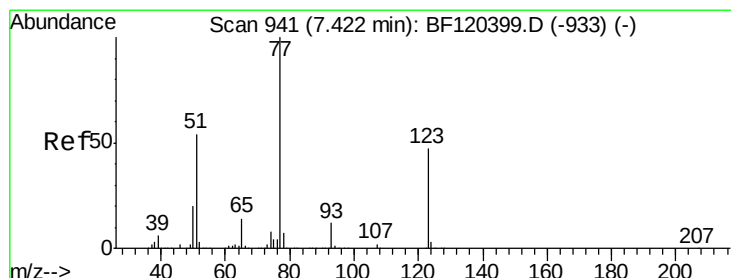
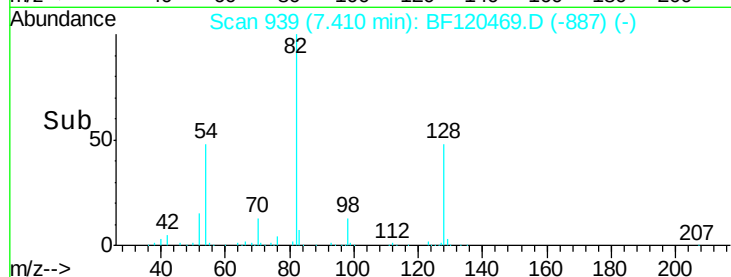
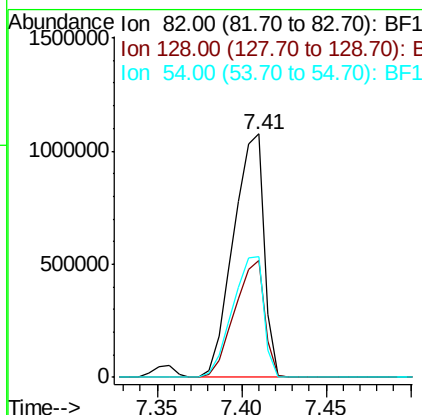
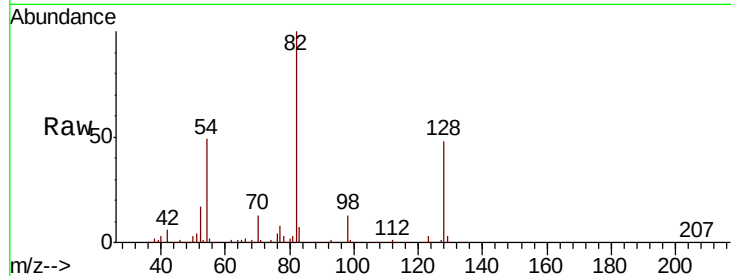


#23
 Nitrobenzene-d5
 Concen: 98.997 ng
 RT: 7.41 min Scan# 939
 Delta R.T. 0.01 min
 Lab File: BF120469.D
 Acq: 1 Jun 2020 14:24

Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6MS

Tot Ion: 82 Resp: 1361902

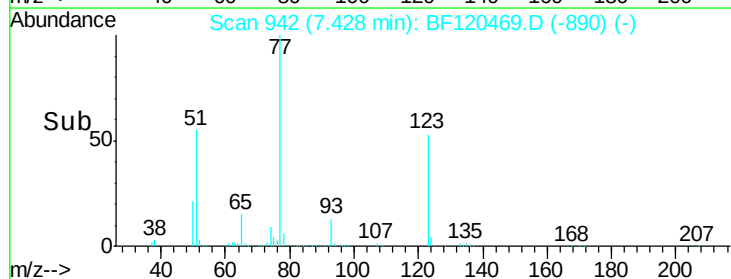
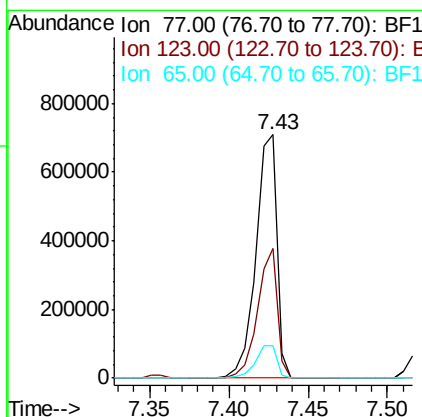
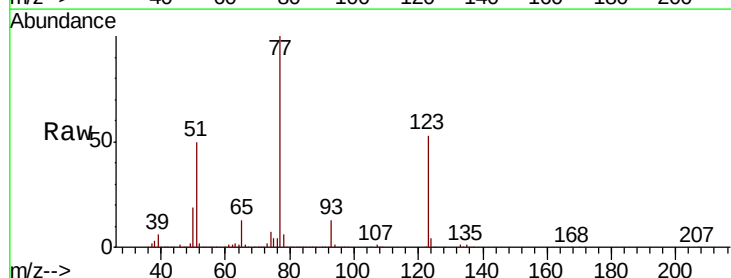
Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.8	55.2
54	49.4	41.6	62.4

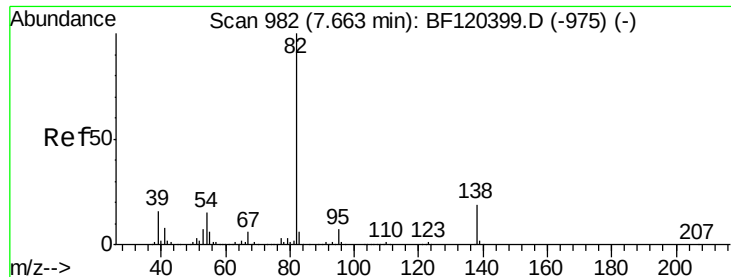


#24
 Nitrobenzene
 Concen: 44.342 ng
 RT: 7.43 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: BF120469.D
 Acq: 1 Jun 2020 14:24

Tgt Ion: 77 Resp: 657110

Ion	Ratio	Lower	Upper
77	100		
123	53.1	37.8	56.6
65	13.5	11.3	16.9





#25

Isophorone

Concen: 43.283 ng

RT: 7.66 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MS

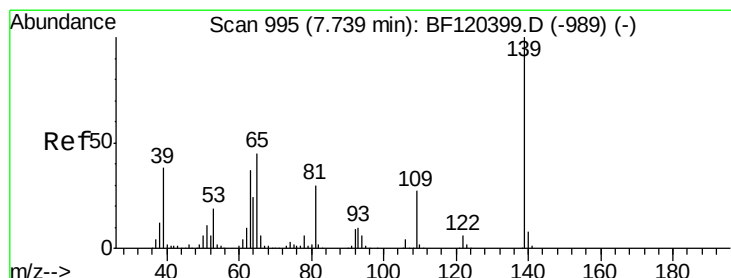
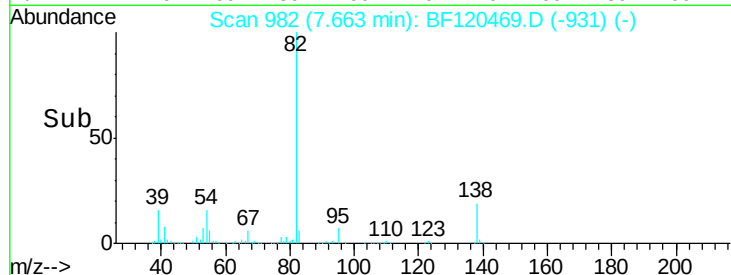
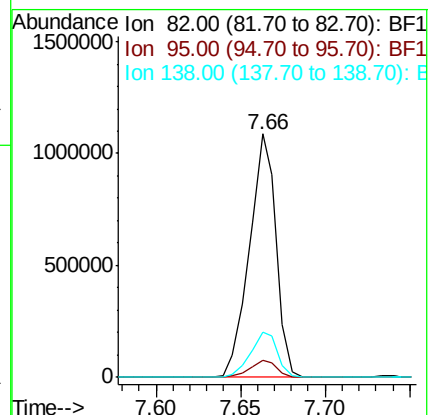
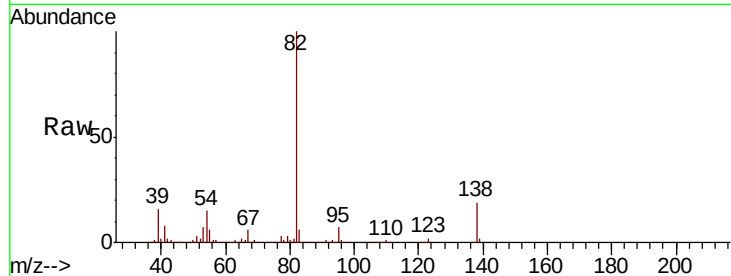
Tot Ion: 82 Resp: 1196775

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

138 18.7 15.0 22.4



#26

2-Nitrophenol

Concen: 51.551 ng

RT: 7.74 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

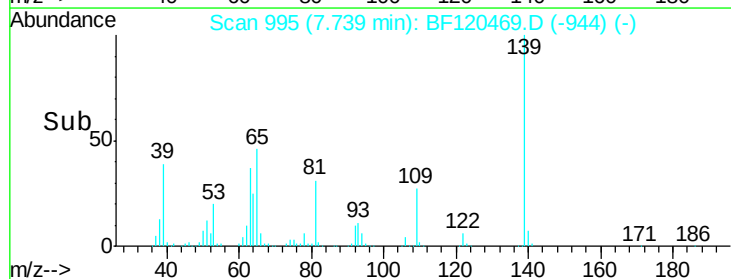
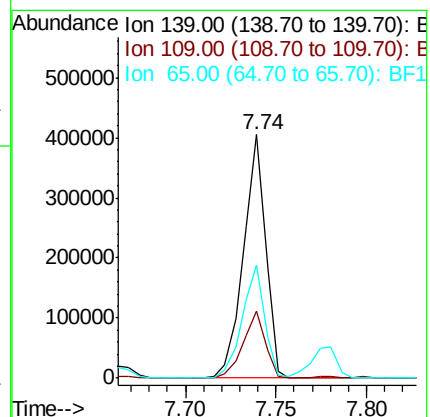
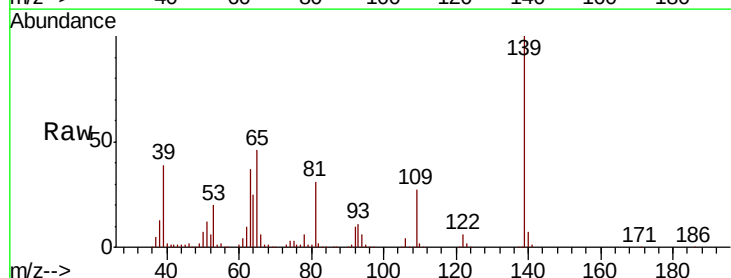
Tgt Ion: 139 Resp: 344441

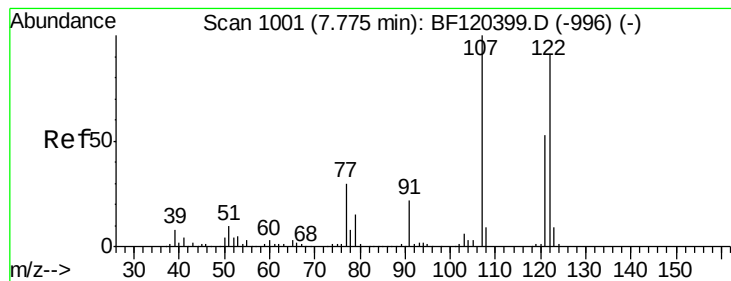
Ion Ratio Lower Upper

139 100

109 27.4 21.2 31.8

65 46.4 35.8 53.6





#27

2,4-Dimethylphenol

Concen: 48.628 ng

RT: 7.78 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MS

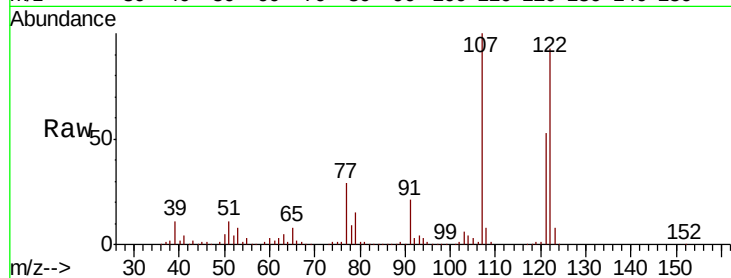
Tot Ion:122 Resp: 564251

Ion Ratio Lower Upper

122 100

107 107.9 87.3 130.9

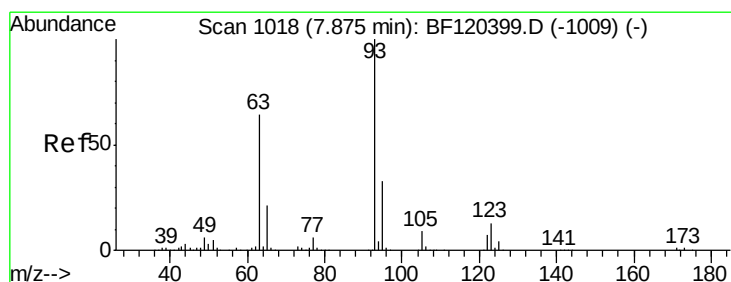
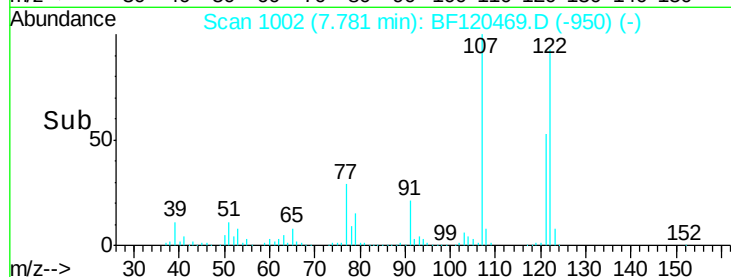
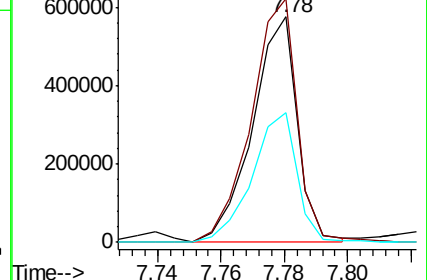
121 57.6 46.2 69.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.488 ng

RT: 7.87 min Scan# 1018

Delta R.T. 0.01 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

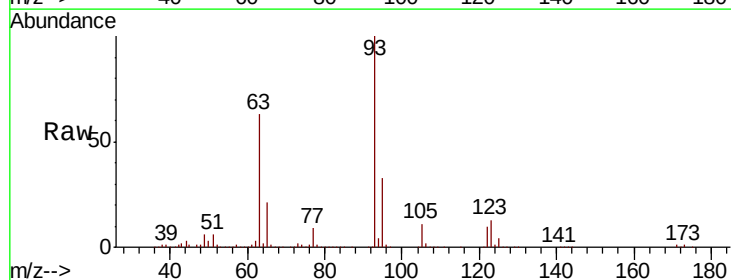
Tgt Ion: 93 Resp: 757428

Ion Ratio Lower Upper

93 100

95 32.8 26.6 39.8

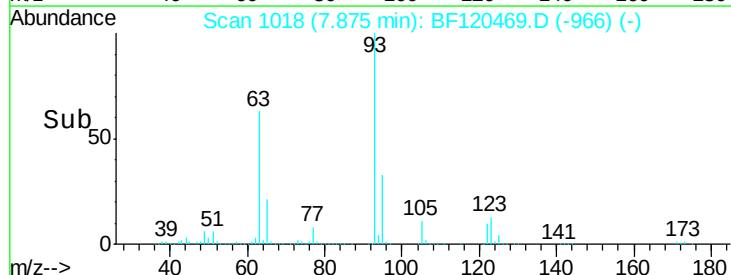
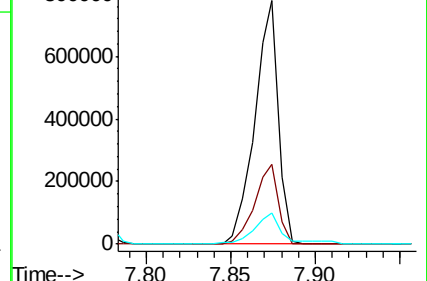
123 12.5 10.3 15.5

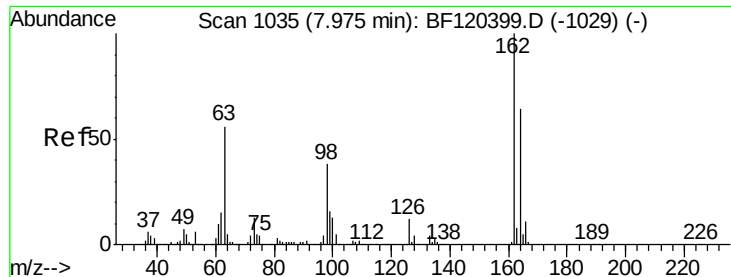


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

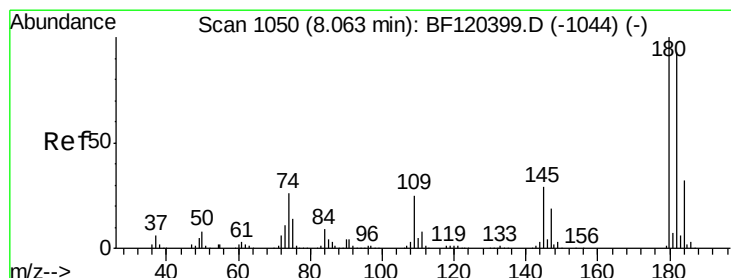
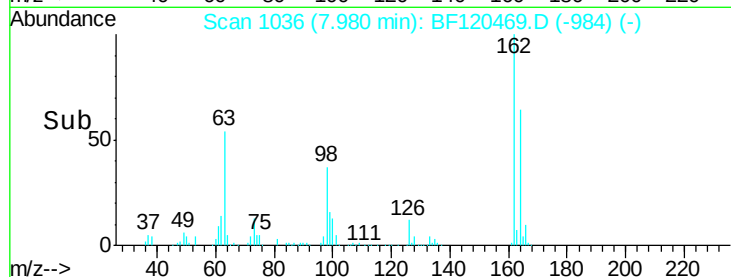
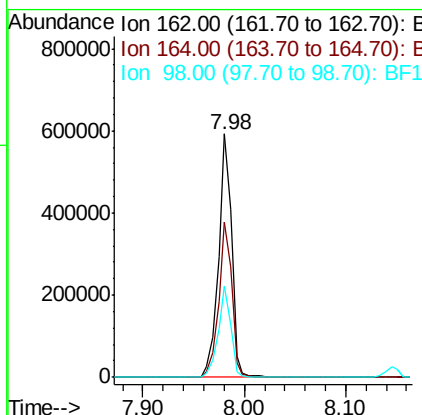
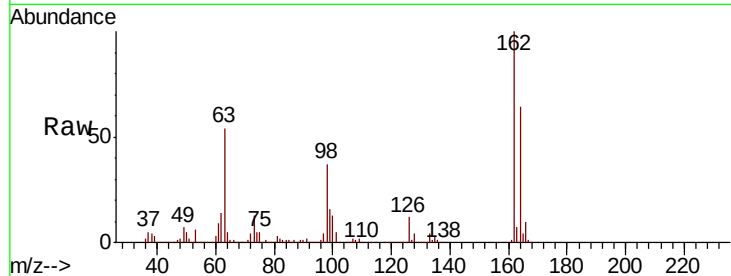




#29
2,4-Dichlorophenol
Concen: 45.333 ng
RT: 7.98 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF120469.D
Acq: 1 Jun 2020 14:24

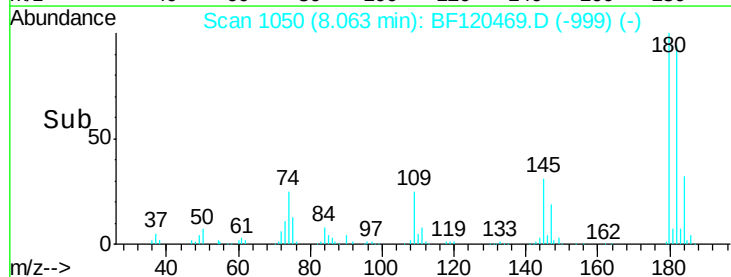
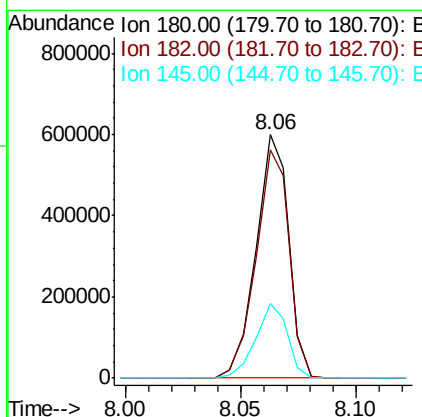
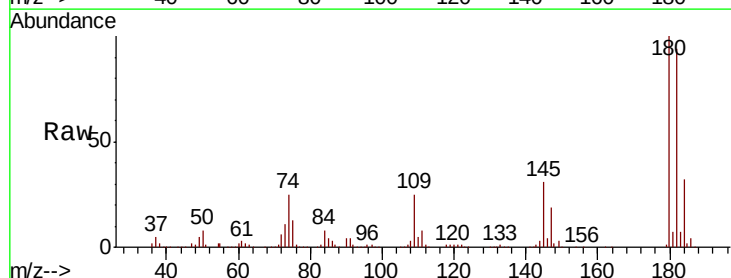
Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MS

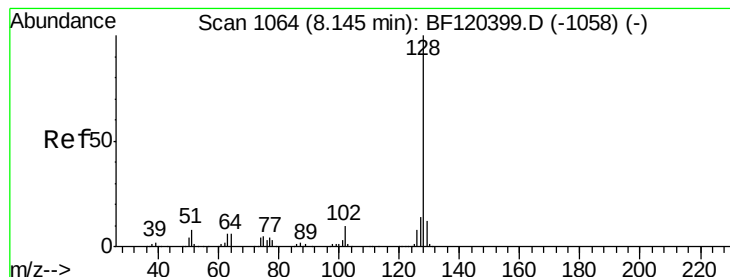
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.9	83.9
98	37.3	17.8	57.8



#30
1,2,4-Trichlorobenzene
Concen: 44.952 ng
RT: 8.06 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF120469.D
Acq: 1 Jun 2020 14:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	74.6	111.8
145	30.5	23.4	35.2





#31

Naphthalene

Concen: 45.467 ng

RT: 8.15 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MS

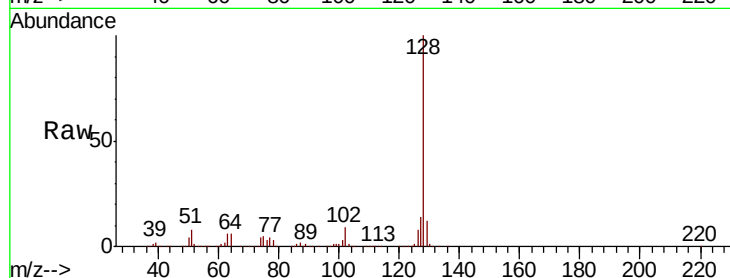
Tot Ion:128 Resp: 1796929

Ion Ratio Lower Upper

128 100

129 11.5 9.7 14.5

127 13.7 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

2500000

2000000

1500000

1000000

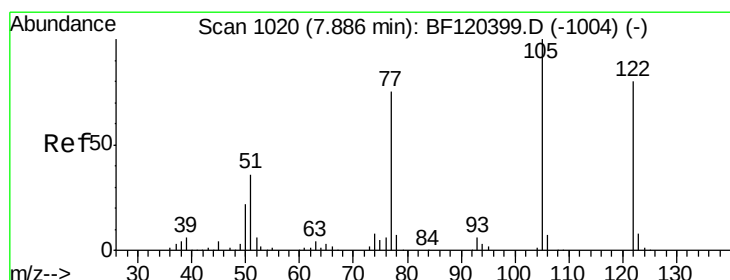
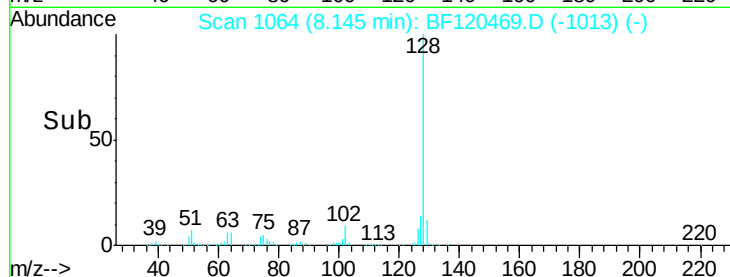
500000

0

8.10

8.15

Time-->



#32

Benzoic acid

Concen: 51.697 ng

RT: 7.90 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

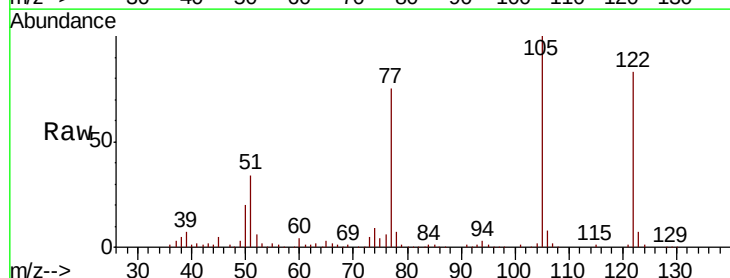
Tgt Ion:122 Resp: 445137

Ion Ratio Lower Upper

122 100

105 119.9 101.1 141.1

77 89.8 71.9 111.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

800000

600000

400000

200000

0

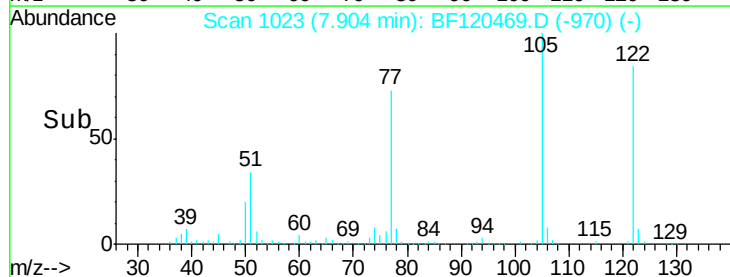
7.70

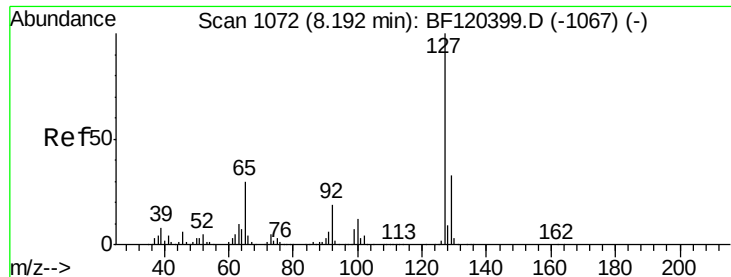
7.80

7.90

8.00

Time-->

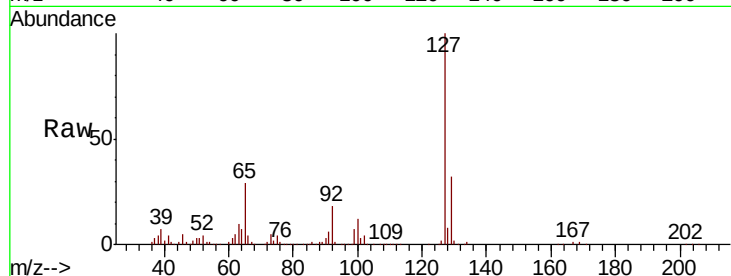




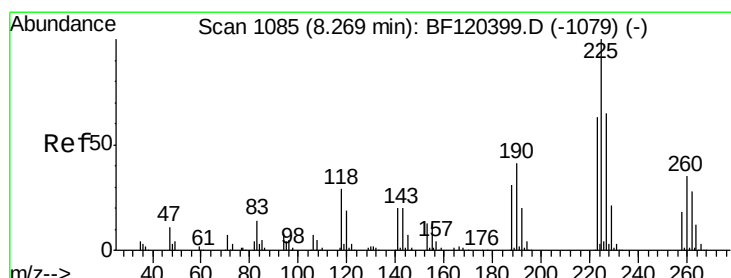
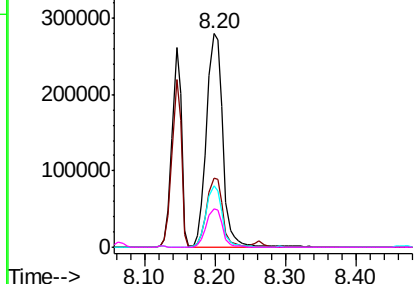
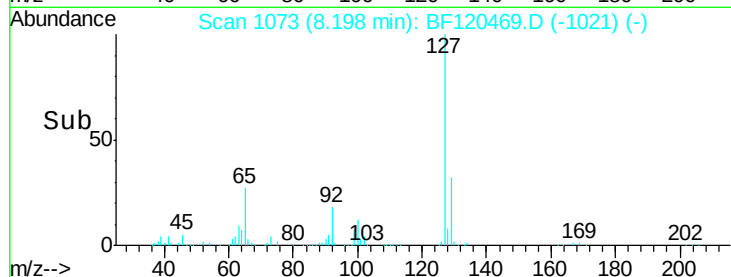
#33
4-Chloroaniline
Concen: 25.983 ng
RT: 8.20 min Scan# 1073
Delta R.T. 0.01 min
Lab File: BF120469.D
Acq: 1 Jun 2020 14:24

Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MS

Tot Ion:	127	Resp:	455106
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.8	40.2
65	28.5	23.7	35.5
92	18.1	15.0	22.4

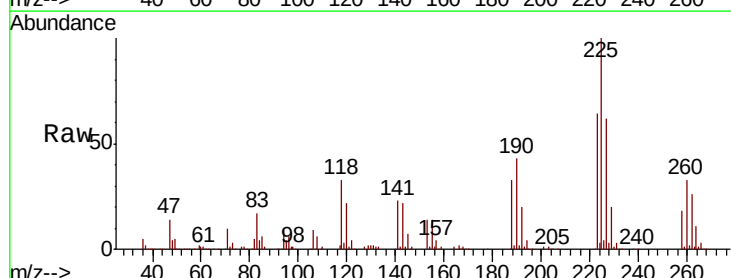


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

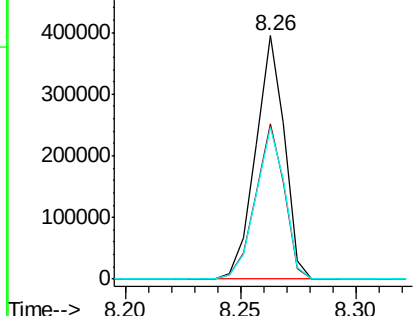
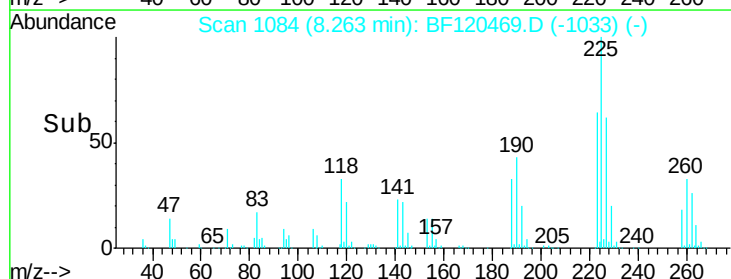


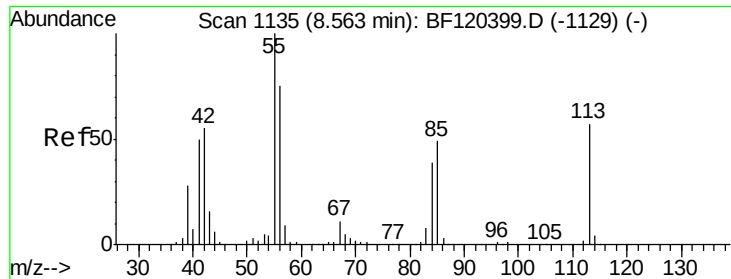
#34
Hexachlorobutadiene
Concen: 44.178 ng
RT: 8.26 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BF120469.D
Acq: 1 Jun 2020 14:24

Tgt Ion:	225	Resp:	344412
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.2	75.2
227	62.3	52.1	78.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

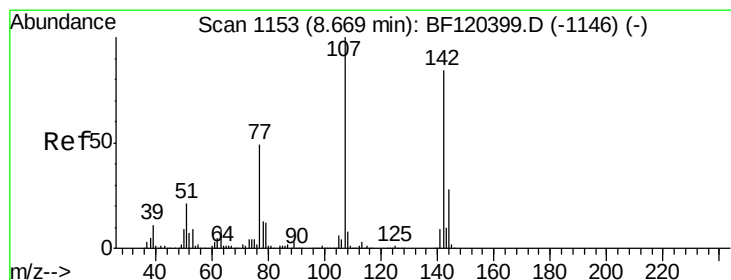
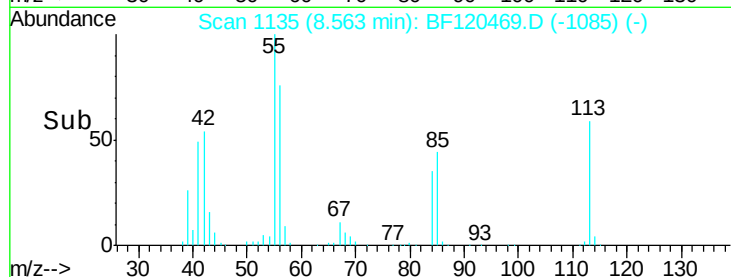
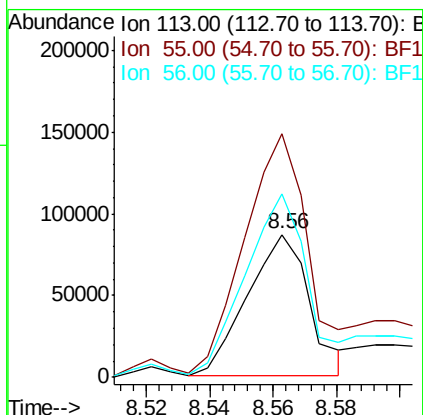
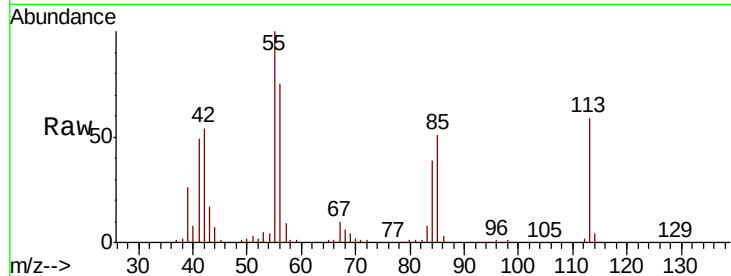




#35
 Caprolactam
 Concen: 30.890 ng
 RT: 8.56 min Scan# 1135
 Delta R.T. -0.01 min
 Lab File: BF120469.D
 Acq: 1 Jun 2020 14:24

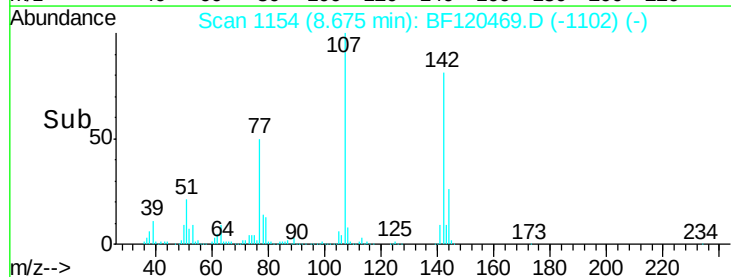
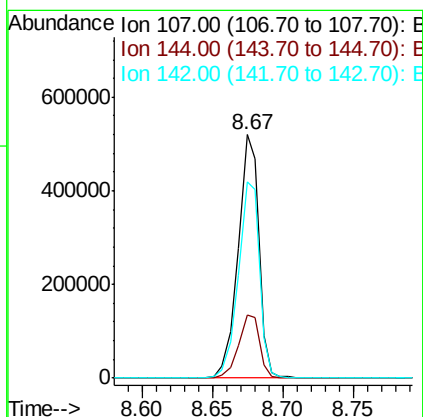
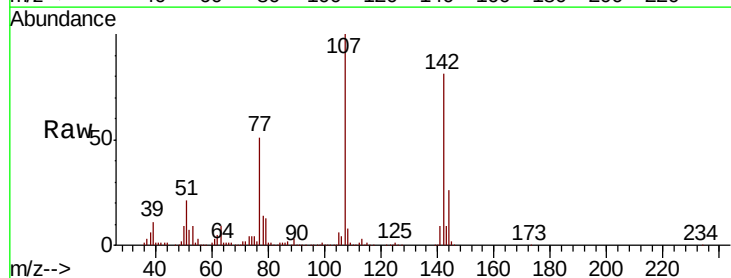
Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6MS

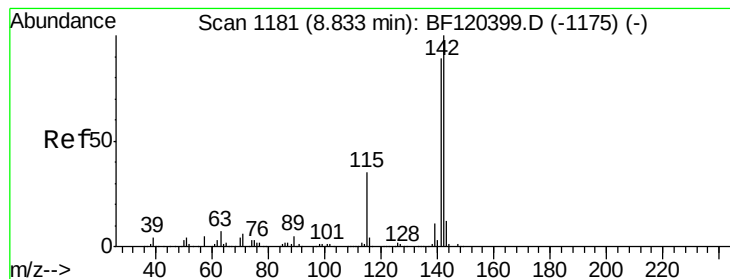
Tot Ion:113 Resp: 117247
 Ion Ratio Lower Upper
 113 100
 55 170.7 154.9 194.9
 56 128.4 110.9 150.9



#36
 4-Chloro-3-methylphenol
 Concen: 44.810 ng
 RT: 8.67 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: BF120469.D
 Acq: 1 Jun 2020 14:24

Tgt Ion:107 Resp: 532817
 Ion Ratio Lower Upper
 107 100
 144 26.0 22.0 33.0
 142 80.7 67.0 100.4





#37

2-Methylnaphthalene

Concen: 45.718 ng

RT: 8.84 min Scan# 1182

Delta R.T. 0.01 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MS

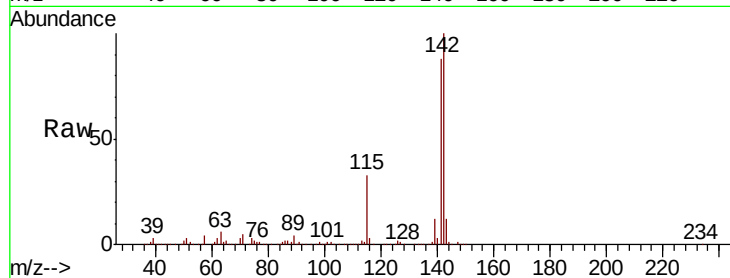
Tot Ion:142 Resp: 1196787

Ion Ratio Lower Upper

142 100

141 88.0 71.4 107.0

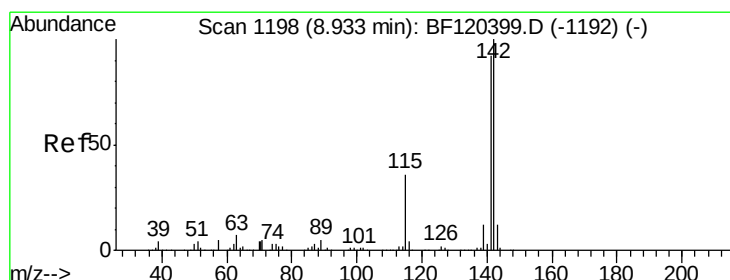
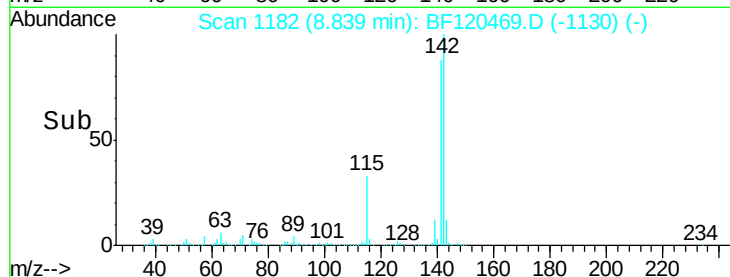
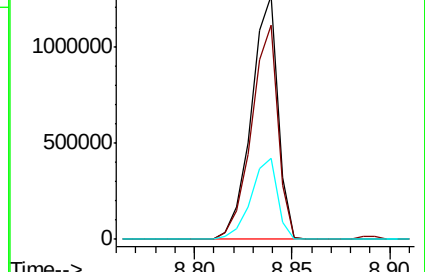
115 33.1 27.8 41.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.364 ng

RT: 8.93 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

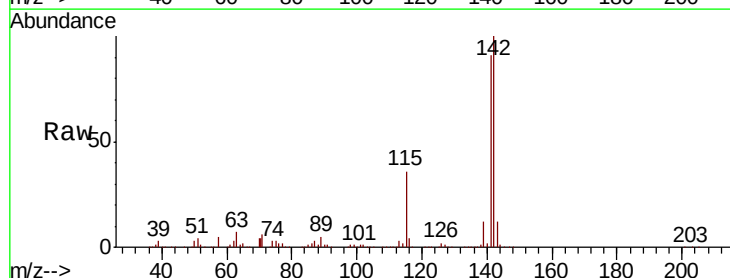
Tgt Ion:142 Resp: 1120933

Ion Ratio Lower Upper

142 100

141 90.8 73.9 110.9

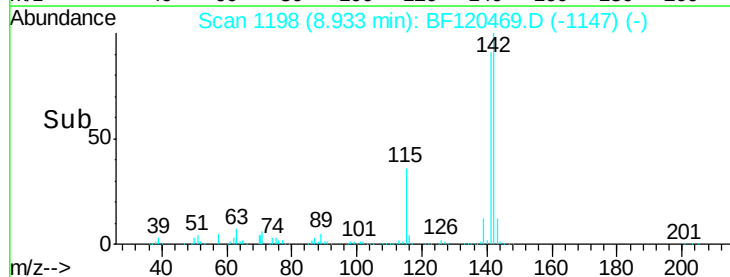
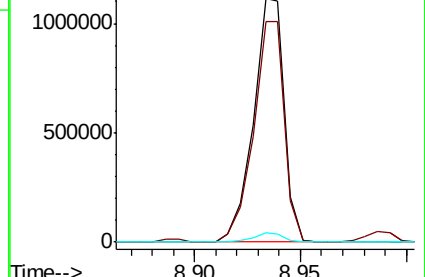
116 3.8 3.1 4.7

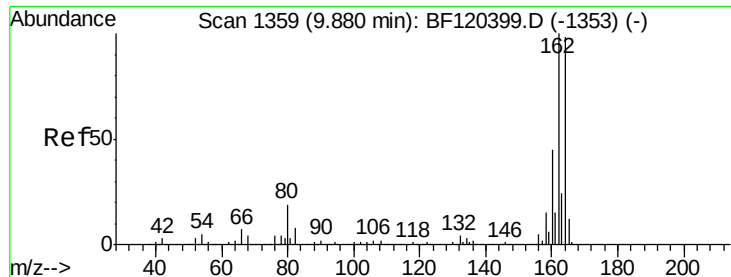


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1359

Delta R.T. 0.01 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MS

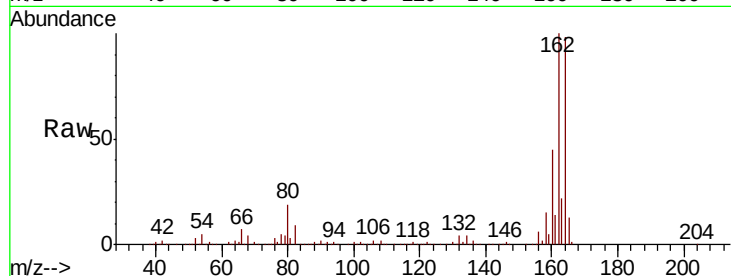
Tot Ion:164 Resp: 435178

Ion Ratio Lower Upper

164 100

162 101.8 81.3 121.9

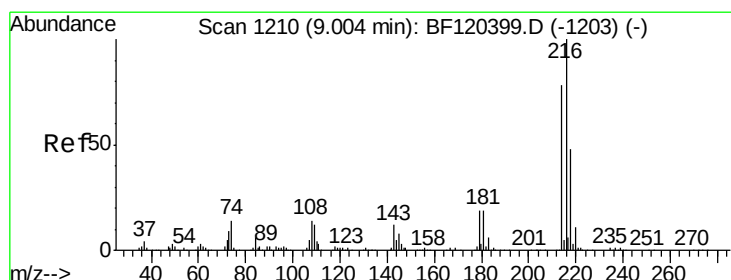
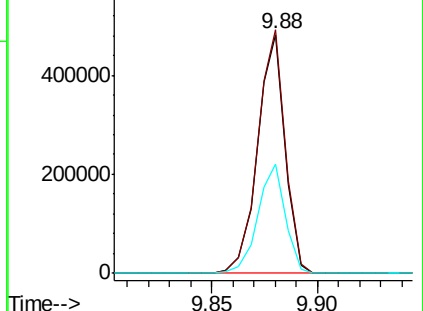
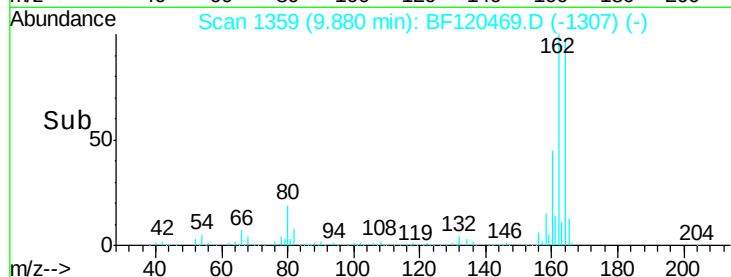
160 45.4 36.9 55.3



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.529 ng

RT: 9.00 min Scan# 1210

Delta R.T. 0.01 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

Tgt Ion:216 Resp: 552738

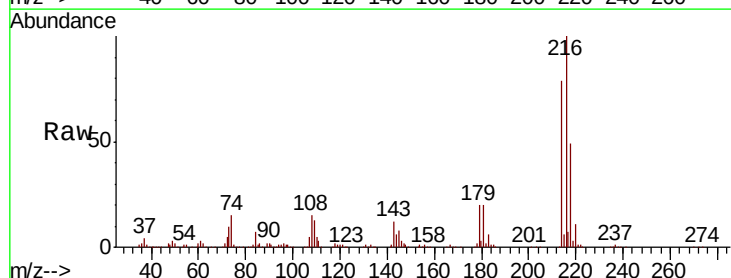
Ion Ratio Lower Upper

216 100

214 80.2 63.6 95.4

179 20.8 16.5 24.7

108 18.8 15.0 22.4

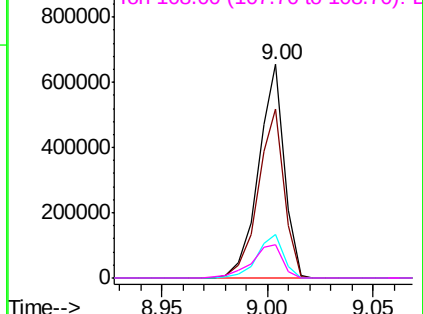
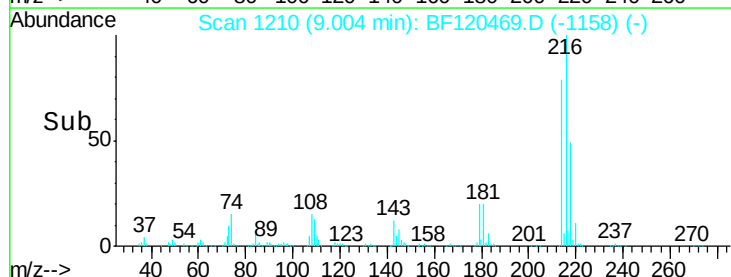


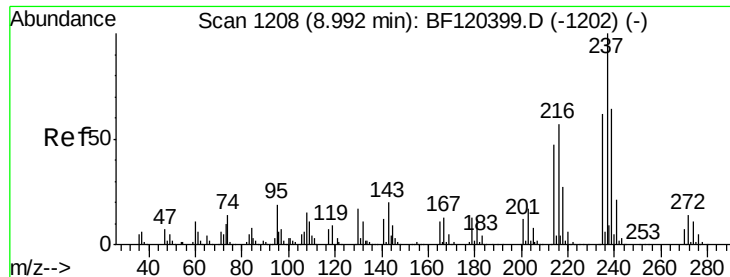
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

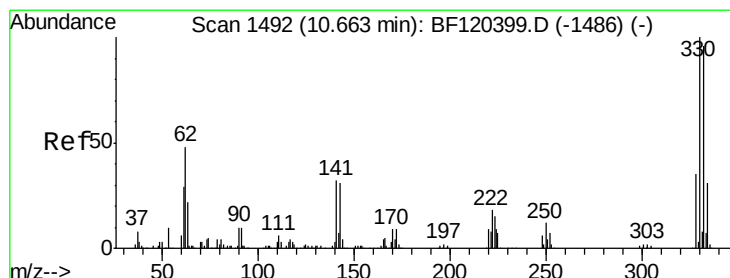
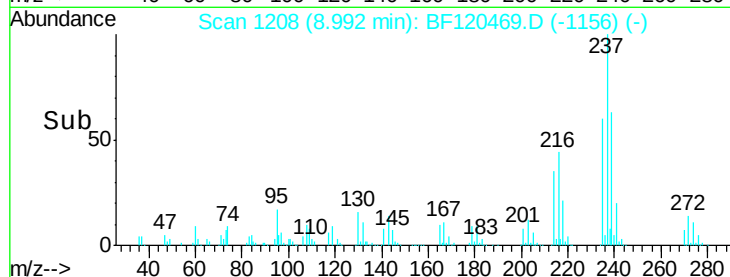
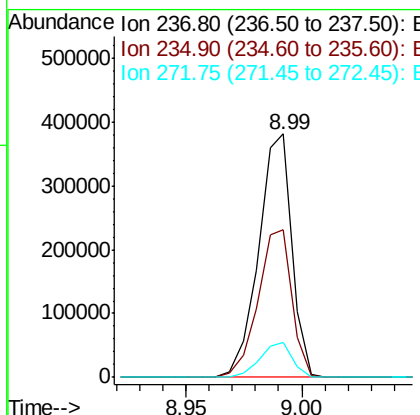
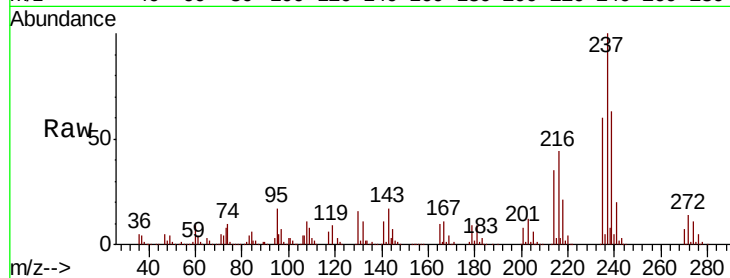




#41
Hexachlorocyclopentadiene
Concen: 61.353 ng
RT: 8.99 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF120469.D
Acq: 1 Jun 2020 14:24

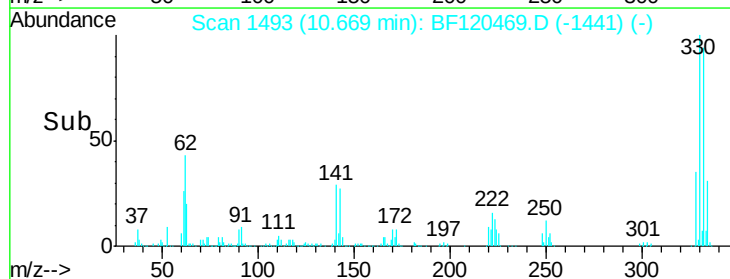
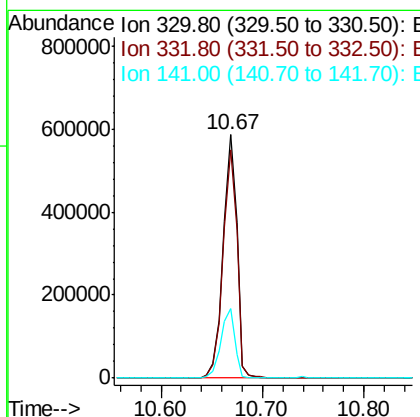
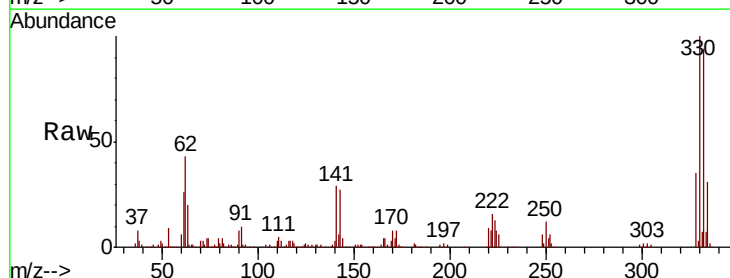
Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MS

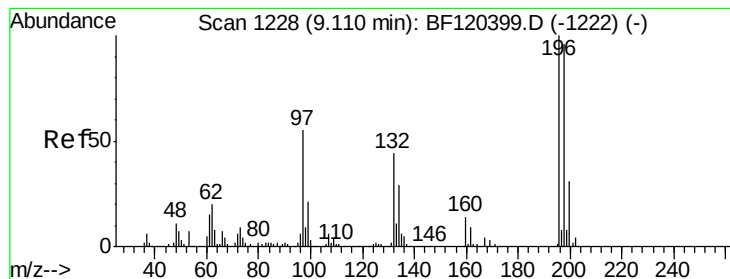
Tot Ion:237 Resp: 382130
Ion Ratio Lower Upper
237 100
235 60.5 42.4 82.4
272 14.1 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 138.216 ng
RT: 10.67 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BF120469.D
Acq: 1 Jun 2020 14:24

Tgt Ion:330 Resp: 557301
Ion Ratio Lower Upper
330 100
332 94.8 77.0 115.6
141 29.3 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 47.416 ng

RT: 9.12 min Scan# 1229

Delta R.T. 0.01 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MS

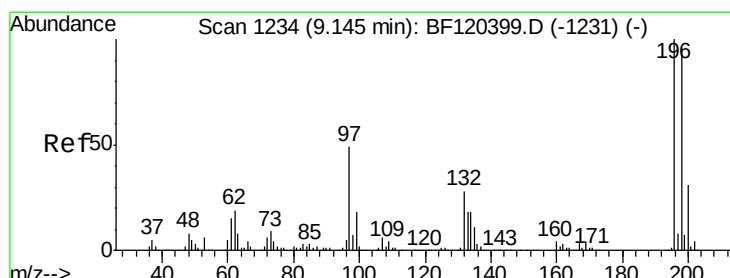
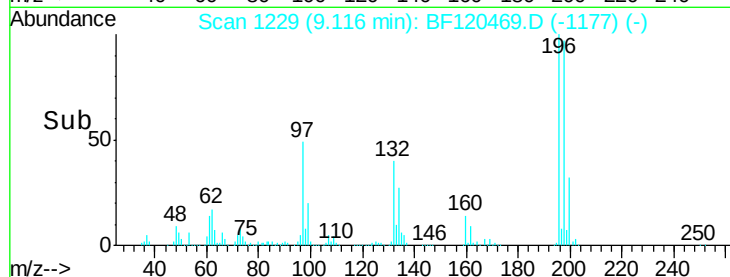
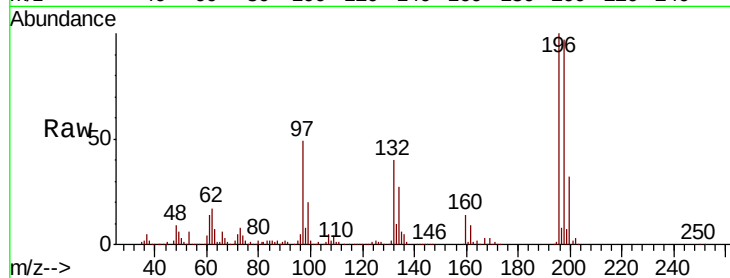
Tot Ion:196 Resp: 382701

Ion Ratio Lower Upper

196 100

198 97.5 77.1 115.7

200 31.7 25.0 37.6



#44

2,4,5-Trichlorophenol

Concen: 43.722 ng

RT: 9.16 min Scan# 1236

Delta R.T. 0.01 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

Tgt Ion:196 Resp: 400014

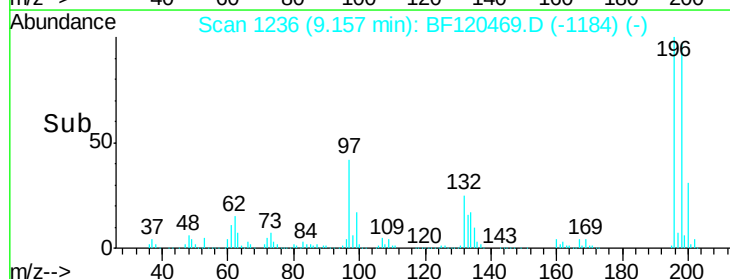
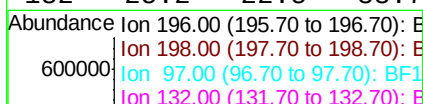
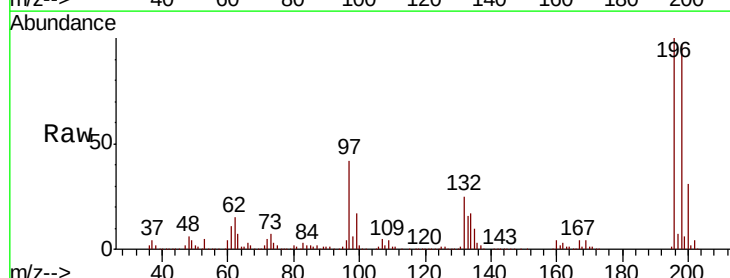
Ion Ratio Lower Upper

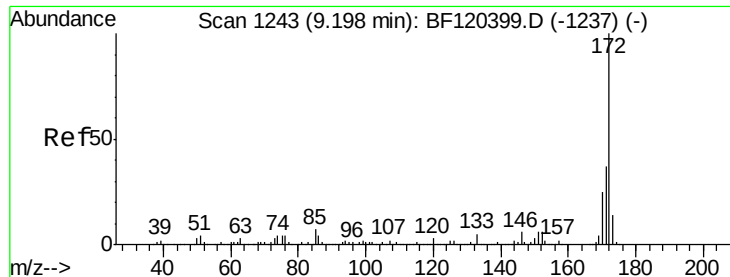
196 100

198 96.8 76.6 115.0

97 41.7 39.5 59.3

132 25.2 22.5 33.7

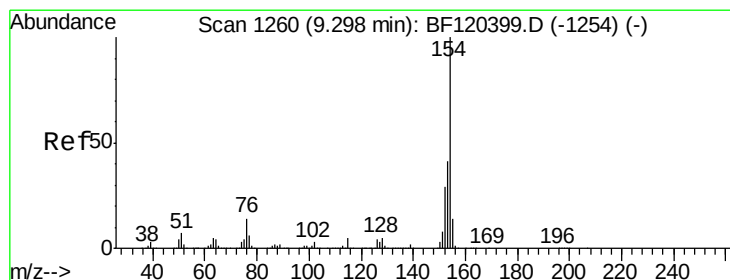
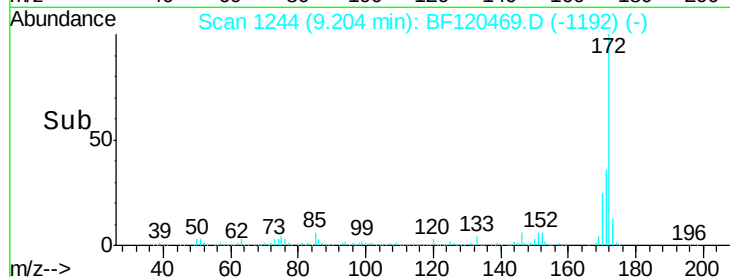
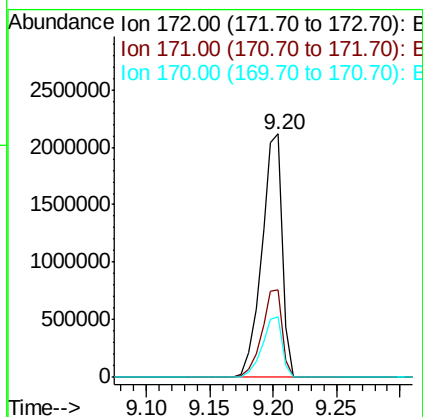
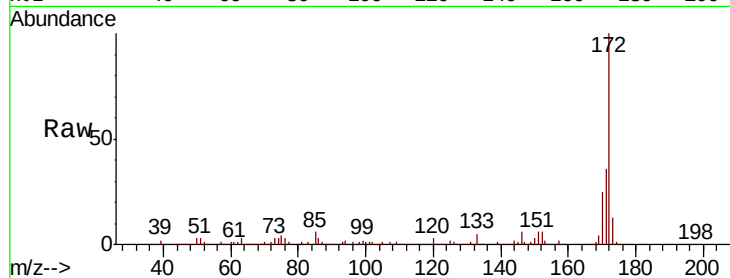




#45
2-Fluorobiphenyl
Concen: 92.700 ng
RT: 9.20 min Scan# 1244
Delta R.T. 0.01 min
Lab File: BF120469.D
Acq: 1 Jun 2020 14:24

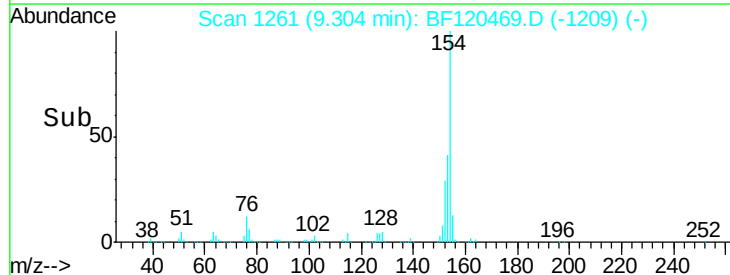
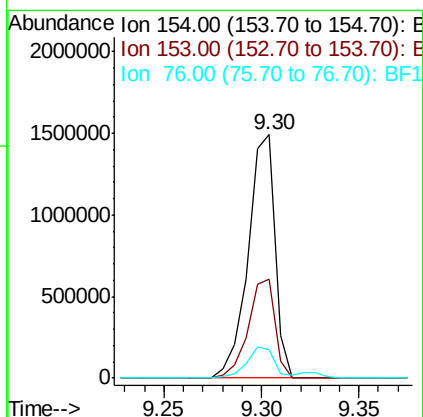
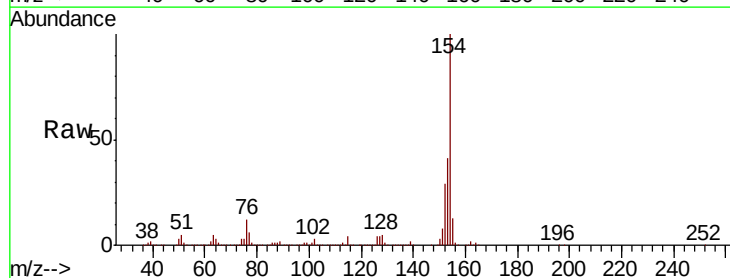
Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MS

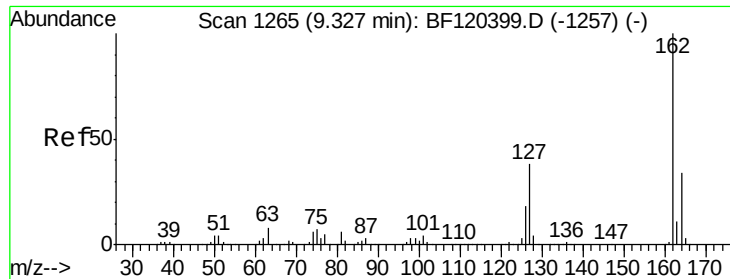
Tot Ion:172 Resp: 2377616
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.7 19.9 29.9



#46
1,1'-Biphenyl
Concen: 49.915 ng
RT: 9.30 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BF120469.D
Acq: 1 Jun 2020 14:24

Tgt Ion:154 Resp: 1426961
Ion Ratio Lower Upper
154 100
153 40.7 20.9 60.9
76 11.6 0.0 33.7

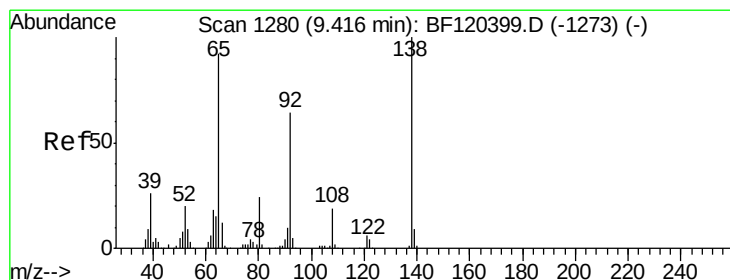
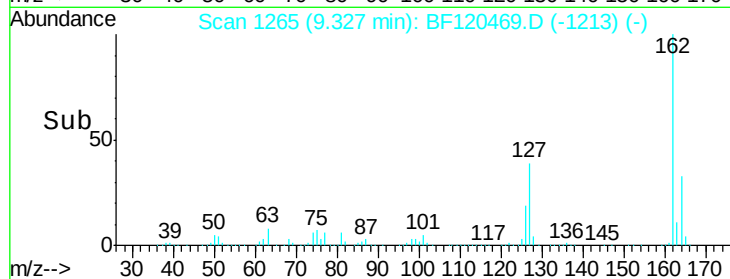
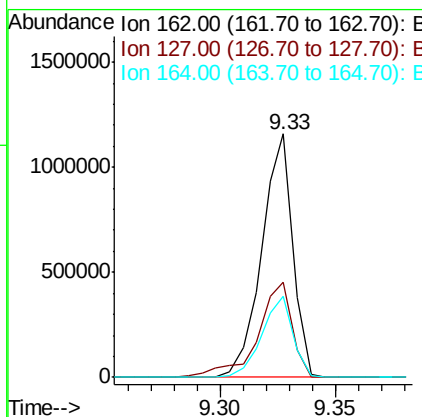
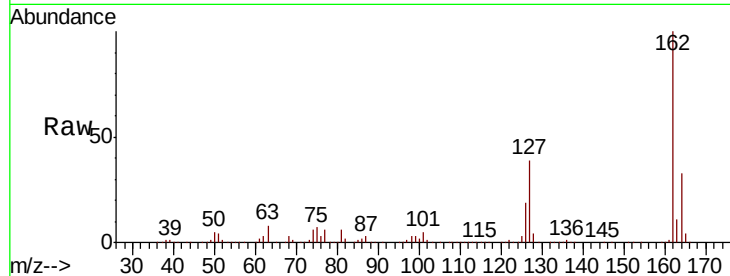




#47
 2-Chloronaphthalene
 Concen: 46.008 ng
 RT: 9.33 min Scan# 1265
 Delta R.T. 0.01 min
 Lab File: BF120469.D
 Acq: 1 Jun 2020 14:24

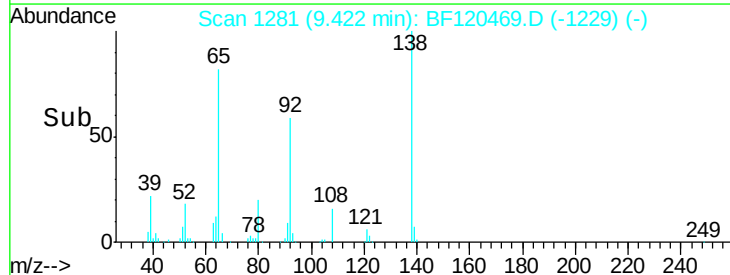
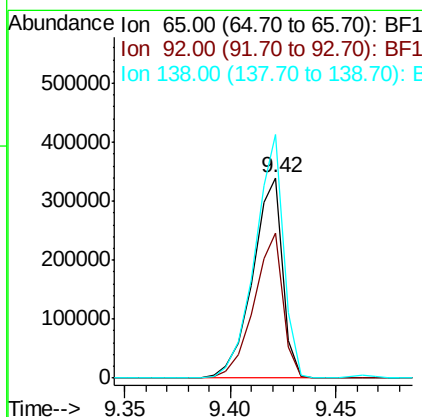
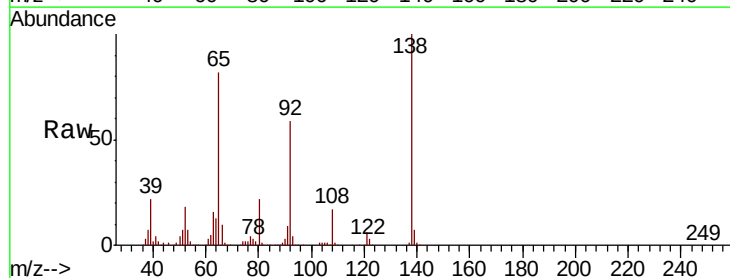
Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6MS

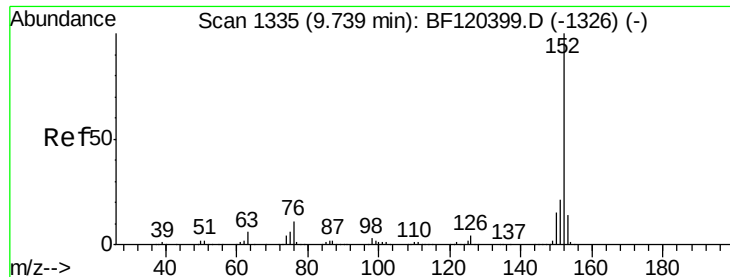
Tot Ion:162 Resp: 1083047
 Ion Ratio Lower Upper
 162 100
 127 39.3 30.6 46.0
 164 33.5 27.1 40.7



#48
 2-Nitroaniline
 Concen: 46.682 ng
 RT: 9.42 min Scan# 1281
 Delta R.T. 0.01 min
 Lab File: BF120469.D
 Acq: 1 Jun 2020 14:24

Tgt Ion: 65 Resp: 334709
 Ion Ratio Lower Upper
 65 100
 92 72.2 55.7 83.5
 138 121.4 86.9 130.3





#49

Acenaphthylene

Concen: 47.857 ng

RT: 9.74 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

Instrument :

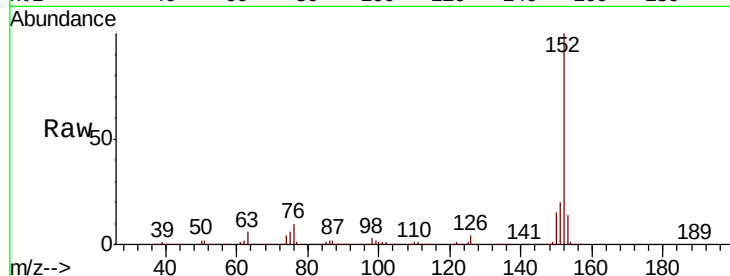
BNA_F

ClientSampleId :

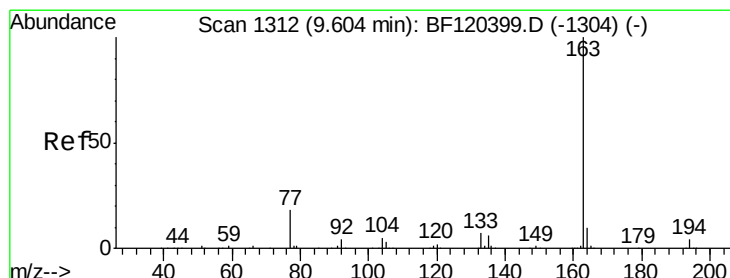
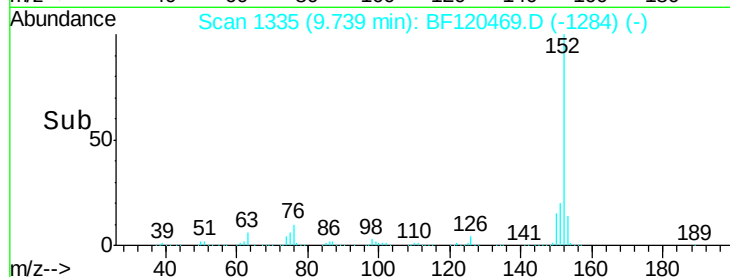
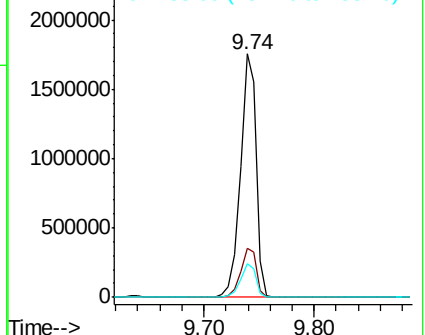
NM28-COMP-2020-0-6MS

Tot Ion:152 Resp: 1740888

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	13.8	11.2	16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 58.014 ng

RT: 9.60 min Scan# 1312

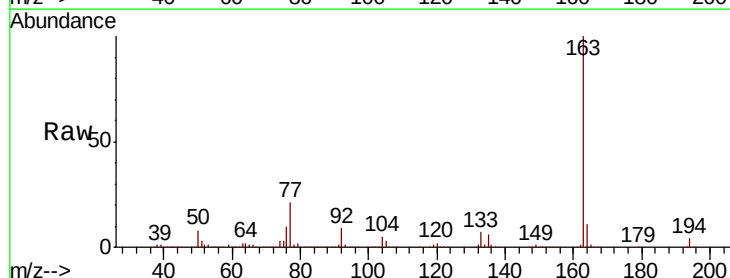
Delta R.T. -0.00 min

Lab File: BF120469.D

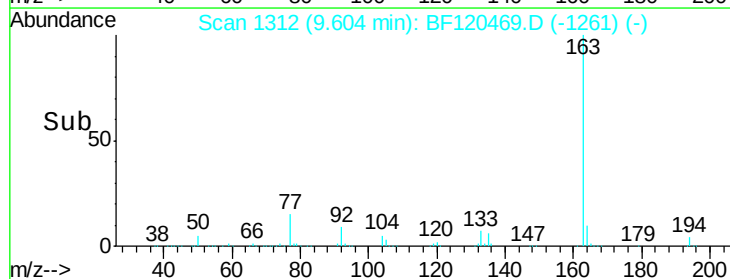
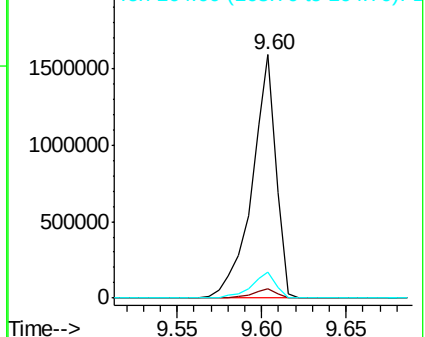
Acq: 1 Jun 2020 14:24

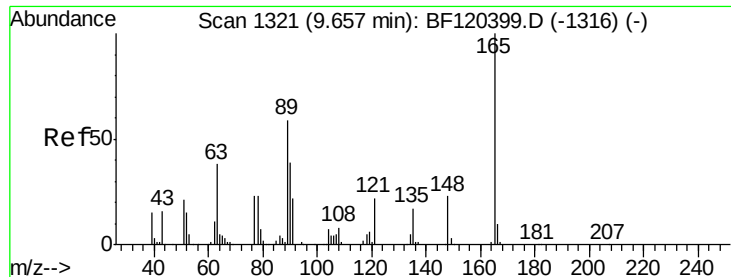
Tgt Ion:163 Resp: 1578346

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.5	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

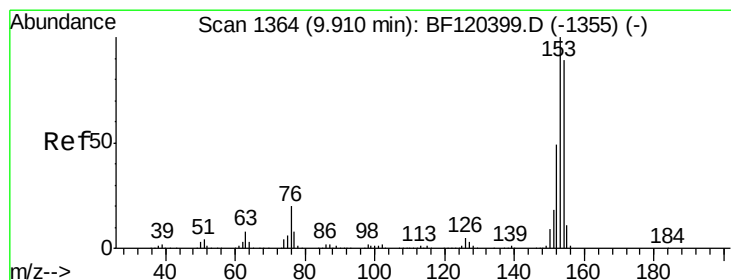
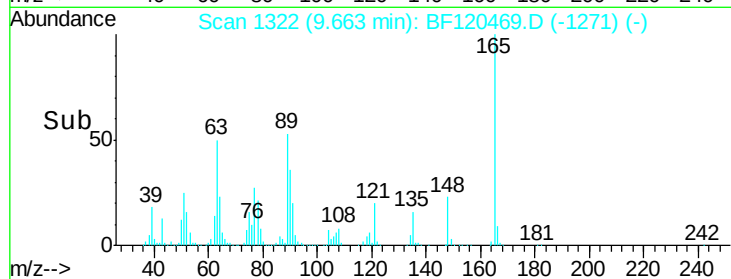
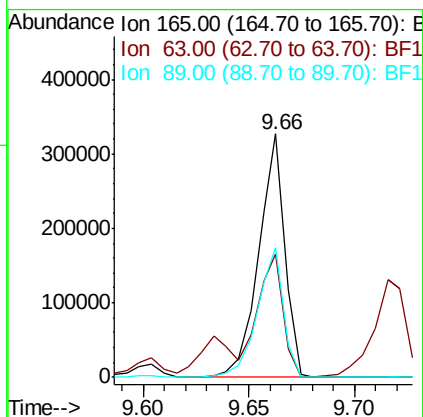
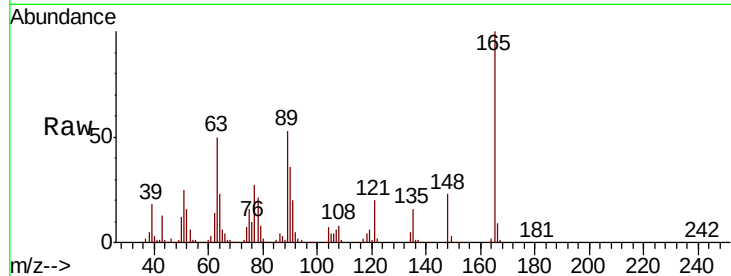




#51
2,6-Dinitrotoluene
Concen: 46.424 ng
RT: 9.66 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF120469.D
Acq: 1 Jun 2020 14:24

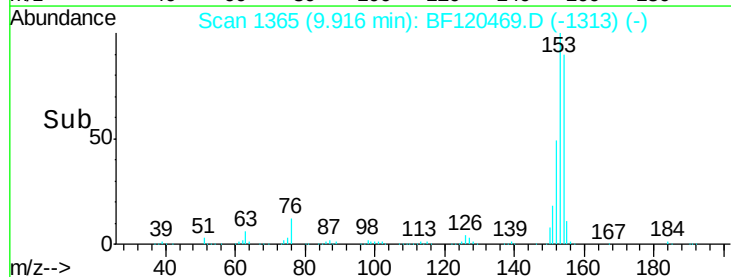
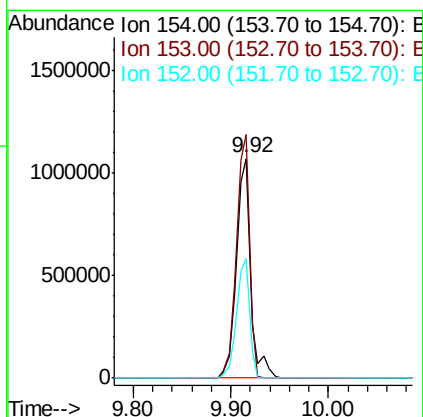
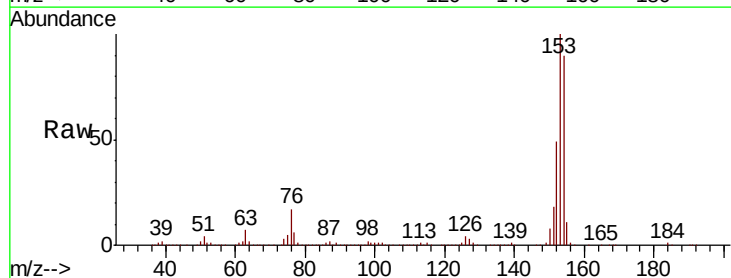
Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MS

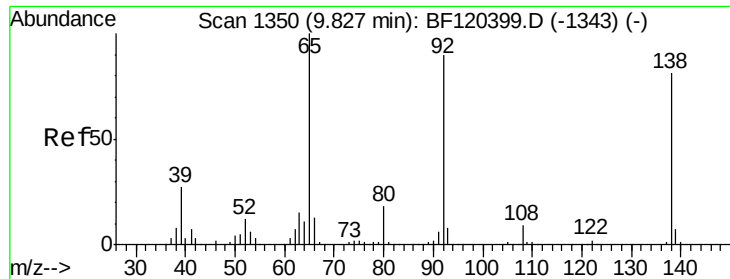
Tot Ion:165 Resp: 280685
Ion Ratio Lower Upper
165 100
63 50.4 46.9 70.3
89 53.2 47.5 71.3



#52
Acenaphthene
Concen: 48.011 ng
RT: 9.92 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF120469.D
Acq: 1 Jun 2020 14:24

Tgt Ion:154 Resp: 1090009
Ion Ratio Lower Upper
154 100
153 110.7 90.0 135.0
152 54.2 43.9 65.9

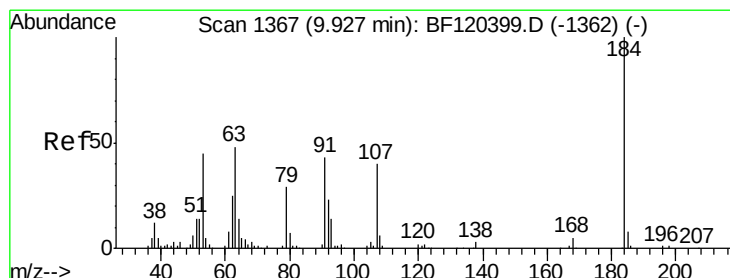
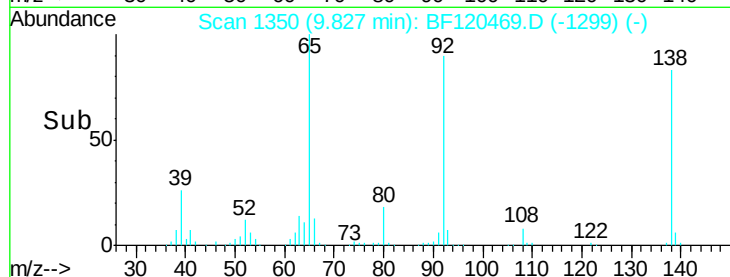
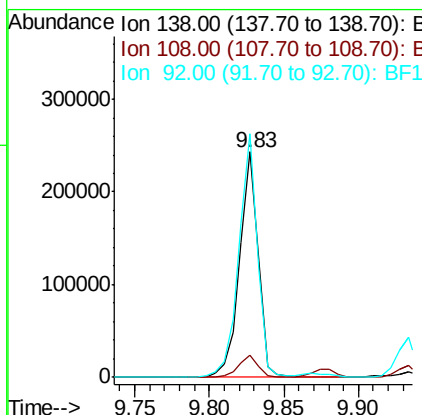
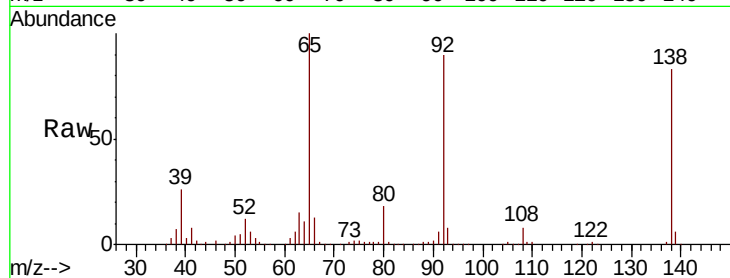




#53
3-Nitroaniline
Concen: 29.980 ng
RT: 9.83 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BF120469.D
Acq: 1 Jun 2020 14:24

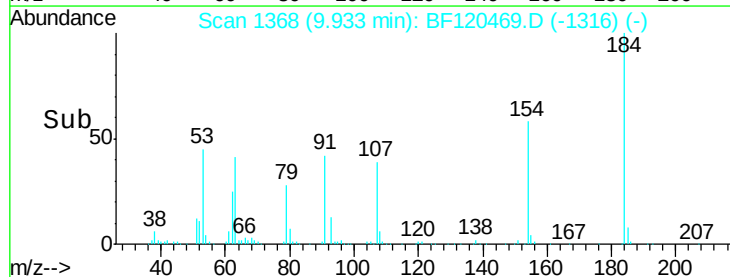
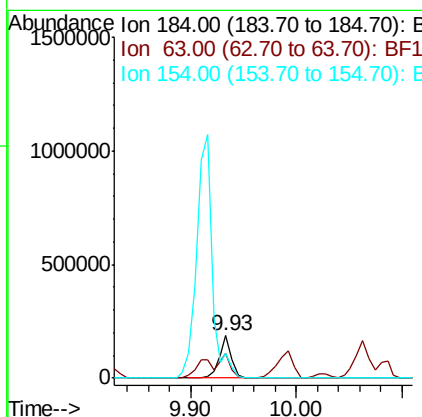
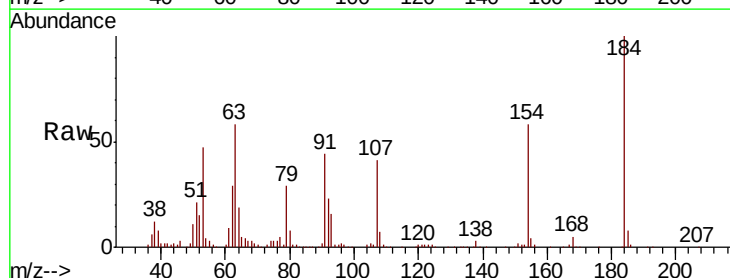
Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MS

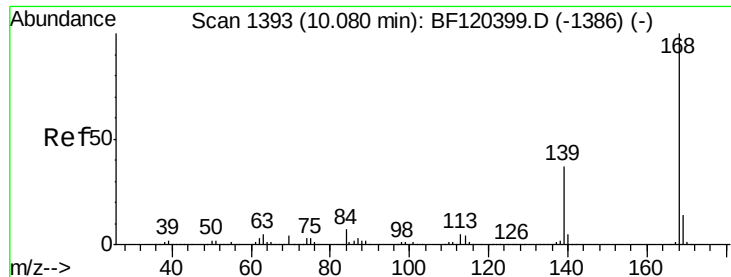
Tot Ion:138 Resp: 212850
Ion Ratio Lower Upper
138 100
108 9.9 8.5 12.7
92 108.1 89.0 133.4



#54
2,4-Dinitrophenol
Concen: 64.925 ng
RT: 9.93 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF120469.D
Acq: 1 Jun 2020 14:24

Tgt Ion:184 Resp: 154229
Ion Ratio Lower Upper
184 100
63 58.4 45.9 68.9
154 58.0 46.4 69.6

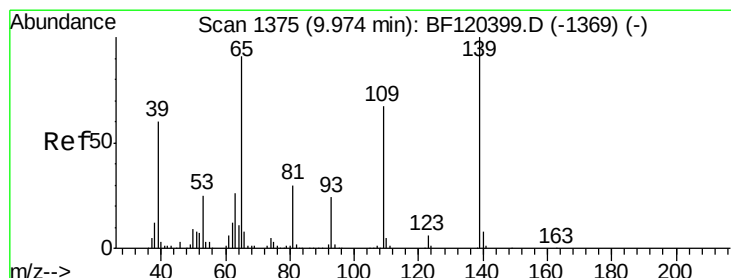
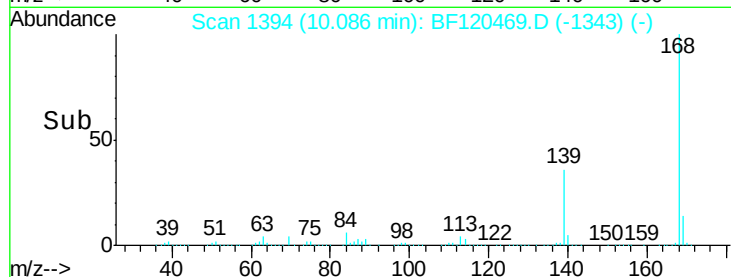
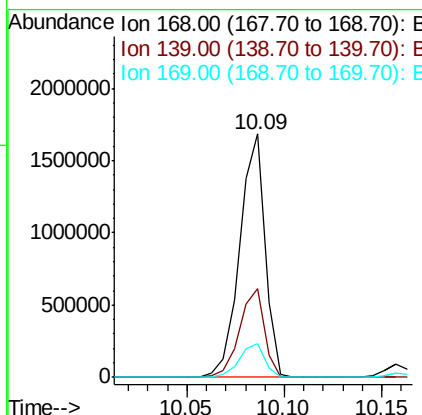
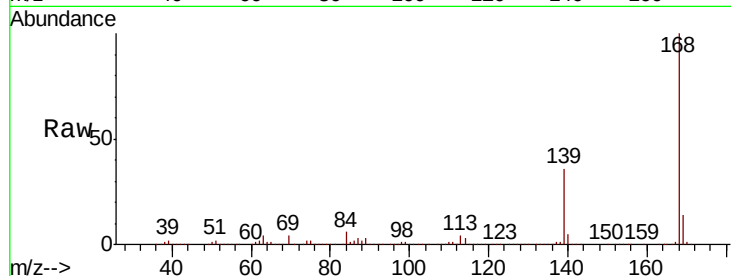




#55
Dibenzenofuran
Concen: 45.850 ng
RT: 10.09 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BF120469.D
Acq: 1 Jun 2020 14:24

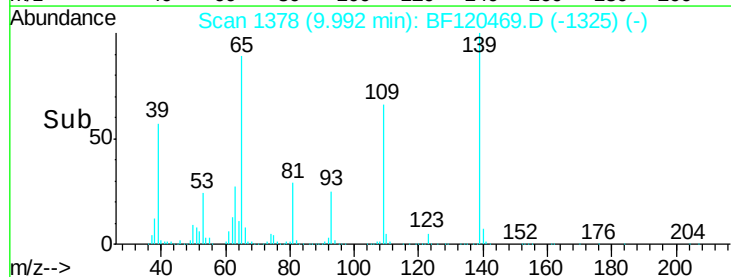
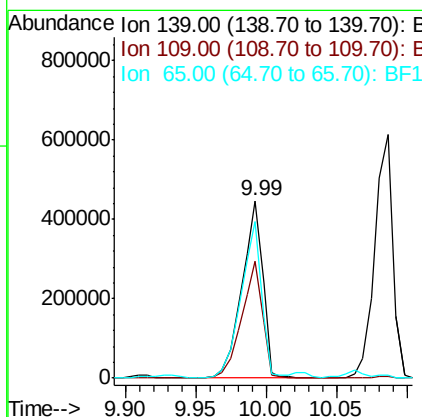
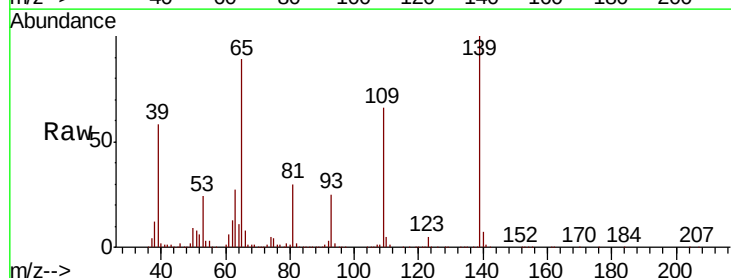
Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MS

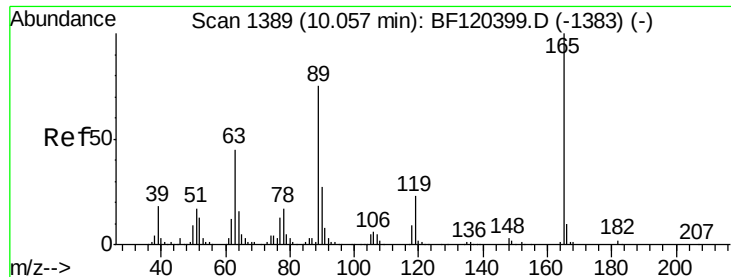
Tot Ion:168 Resp: 1512724
Ion Ratio Lower Upper
168 100
139 36.4 30.0 45.0
169 13.9 11.5 17.3



#56
4-Nitrophenol
Concen: 85.377 ng
RT: 9.99 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BF120469.D
Acq: 1 Jun 2020 14:24

Tgt Ion:139 Resp: 464071
Ion Ratio Lower Upper
139 100
109 65.9 47.3 87.3
65 88.7 71.5 111.5

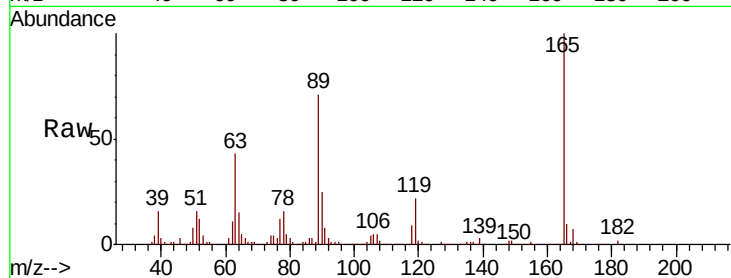




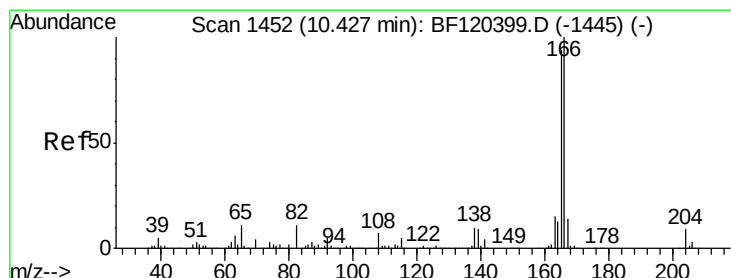
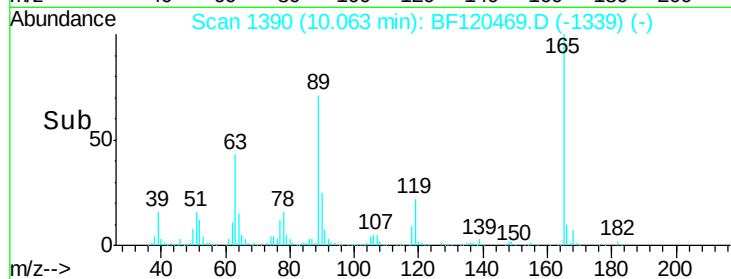
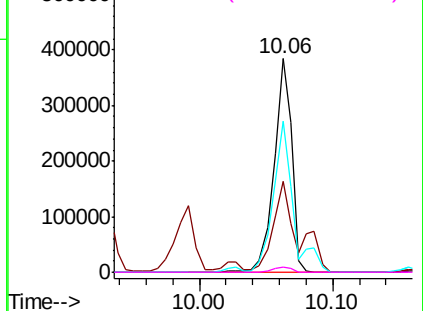
#57
 2,4-Dinitrotoluene
 Concen: 46.064 ng
 RT: 10.06 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BF120469.D
 Acq: 1 Jun 2020 14:24

Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6MS

Tot Ion:165 Resp: 356446
 Ion Ratio Lower Upper
 165 100
 63 42.5 35.9 53.9
 89 70.5 60.0 90.0
 182 2.4 2.0 3.0

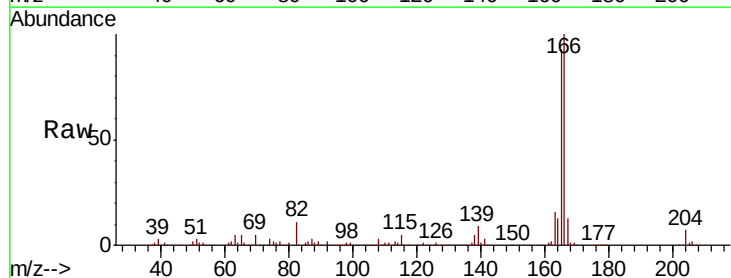


Abundance Ion 165.00 (164.70 to 165.70): E
 600000
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

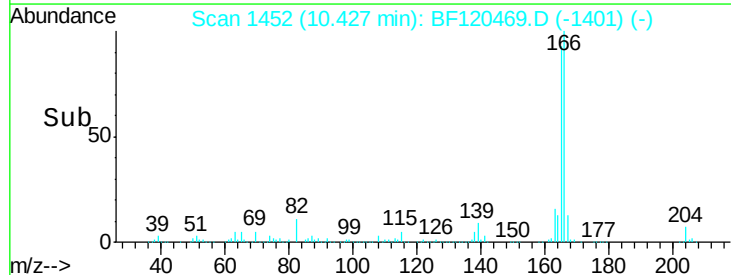
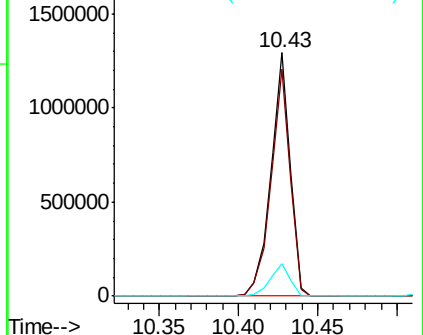


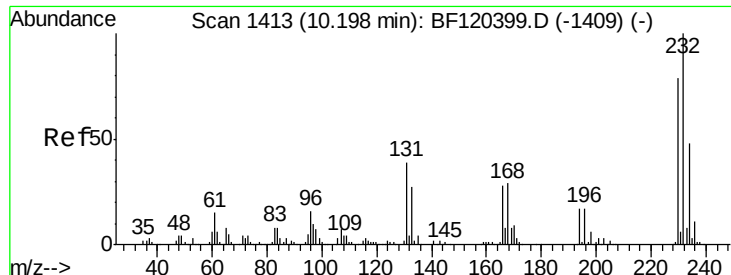
#58
 Fluorene
 Concen: 44.435 ng
 RT: 10.43 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF120469.D
 Acq: 1 Jun 2020 14:24

Tgt Ion:166 Resp: 1100151
 Ion Ratio Lower Upper
 166 100
 165 93.2 75.6 113.4
 167 13.4 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
 1500000
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

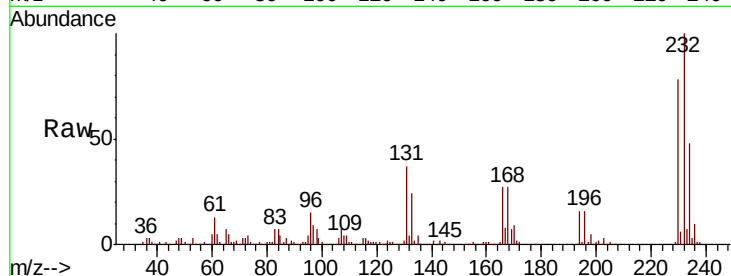




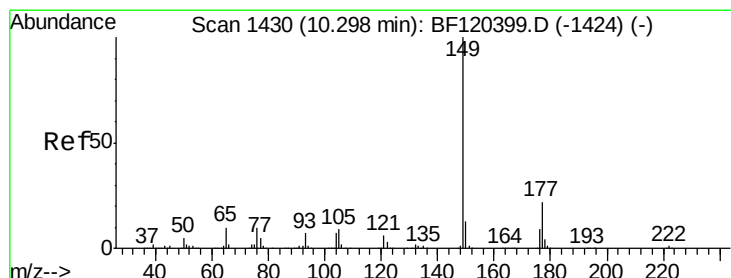
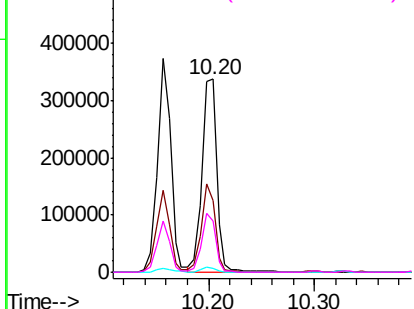
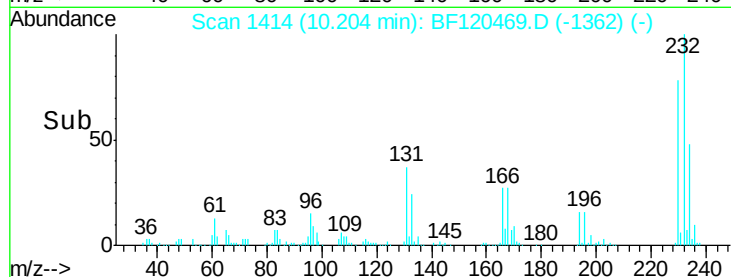
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.629 ng
 RT: 10.20 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BF120469.D
 Acq: 1 Jun 2020 14:24

Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.3	34.6	51.8
130	2.3	1.7	2.5
166	29.1	23.7	35.5

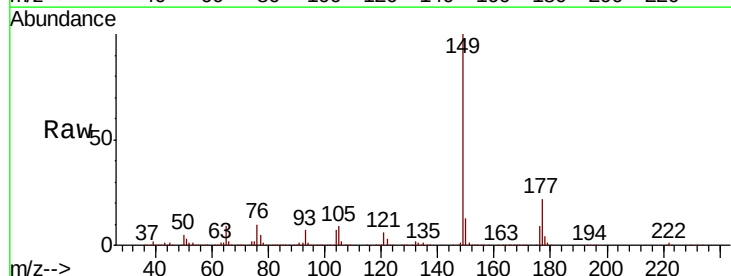


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

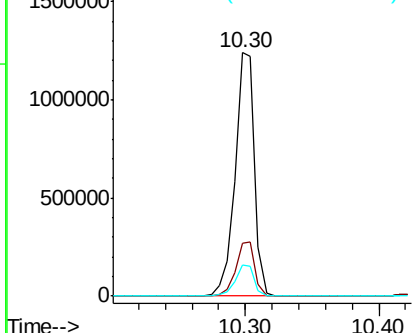
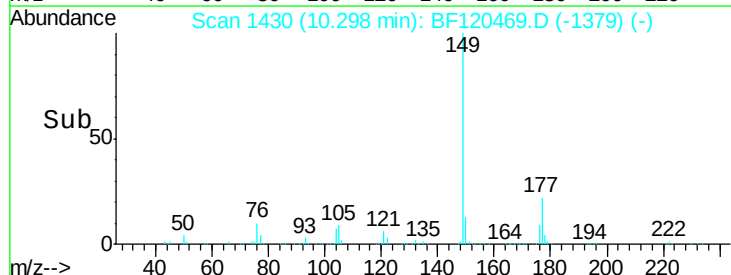


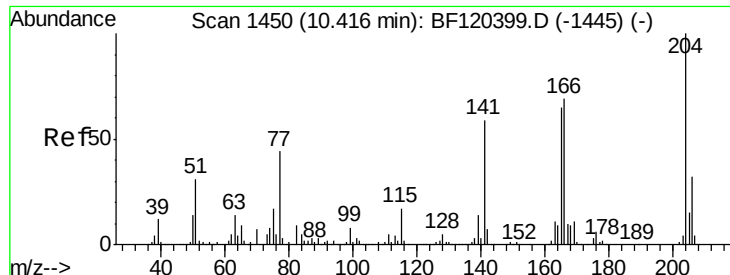
#60
 Diethylphthalate
 Concen: 45.590 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.00 min
 Lab File: BF120469.D
 Acq: 1 Jun 2020 14:24

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.4	26.2
150	12.8	10.3	15.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

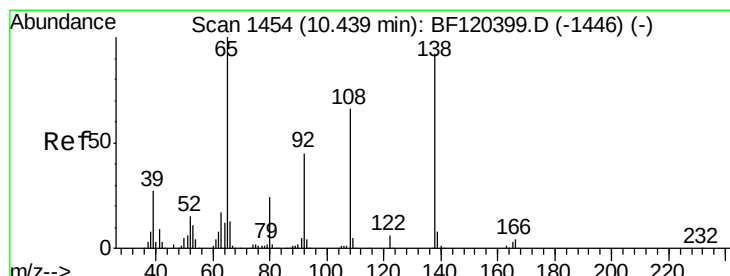
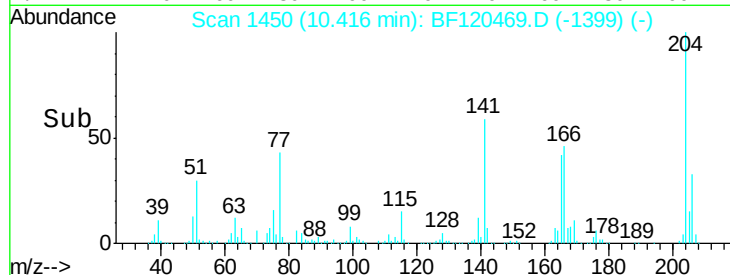
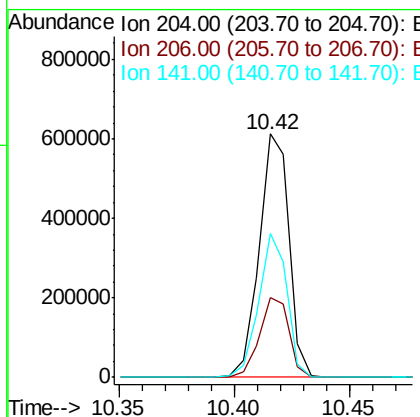
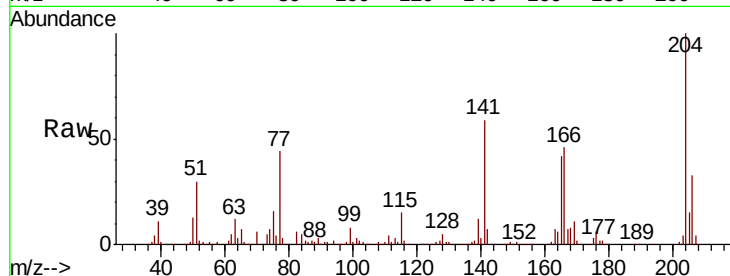




#61
 4-Chlorophenyl-phenylether
 Concen: 40.948 ng
 RT: 10.42 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: BF120469.D
 Acq: 1 Jun 2020 14:24

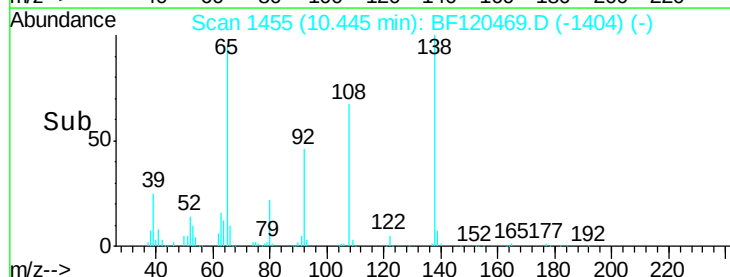
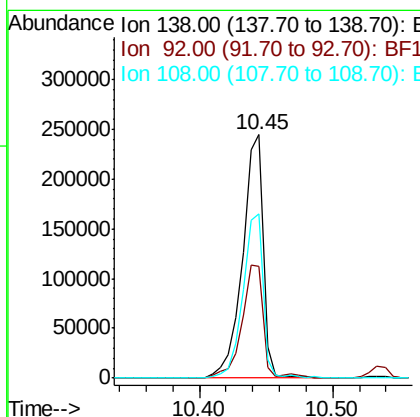
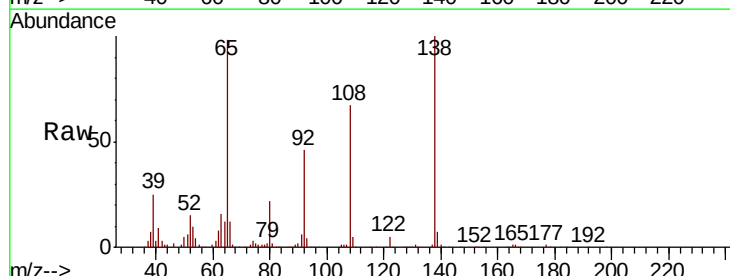
Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6MS

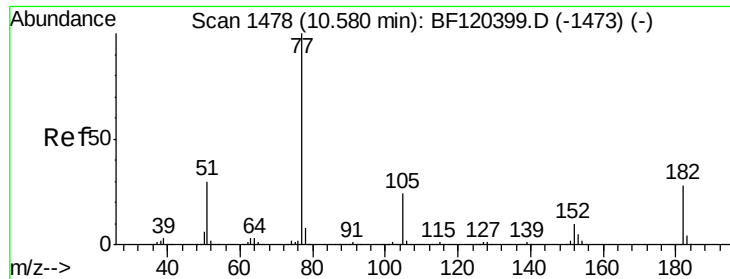
Tot Ion:204 Resp: 549651
 Ion Ratio Lower Upper
 204 100
 206 33.0 25.8 38.8
 141 59.1 47.2 70.8



#62
 4-Nitroaniline
 Concen: 39.272 ng
 RT: 10.45 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF120469.D
 Acq: 1 Jun 2020 14:24

Tgt Ion:138 Resp: 263225
 Ion Ratio Lower Upper
 138 100
 92 45.8 29.3 69.3
 108 67.4 51.8 91.8

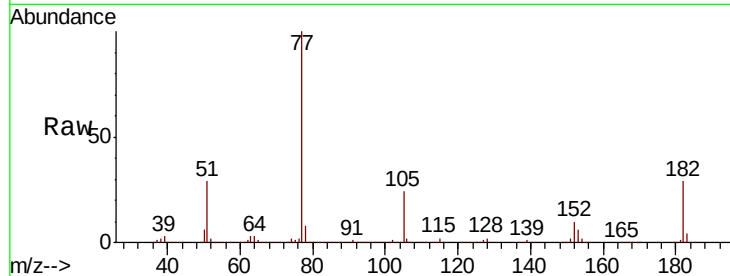




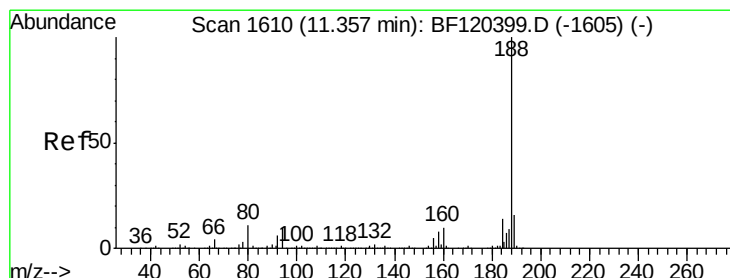
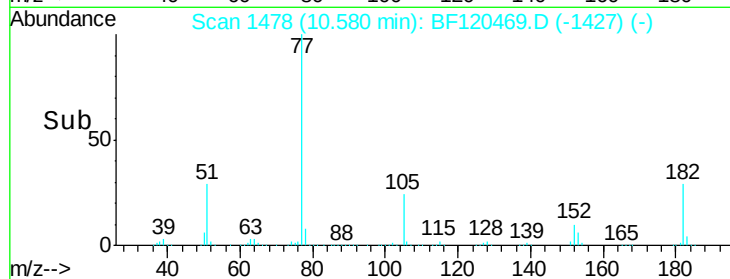
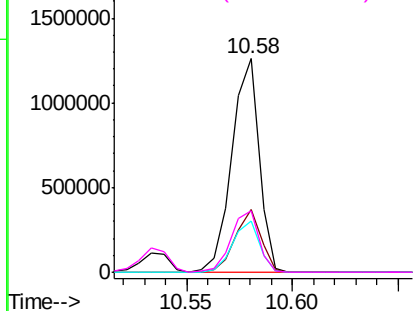
#63
Azobenzene
Concen: 43.266 ng
RT: 10.58 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BF120469.D
Acq: 1 Jun 2020 14:24

Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MS

Tot Ion: 77 Resp: 1118862
Ion Ratio Lower Upper
77 100
182 29.4 8.1 48.1
105 24.1 3.8 43.8
51 28.9 10.1 50.1

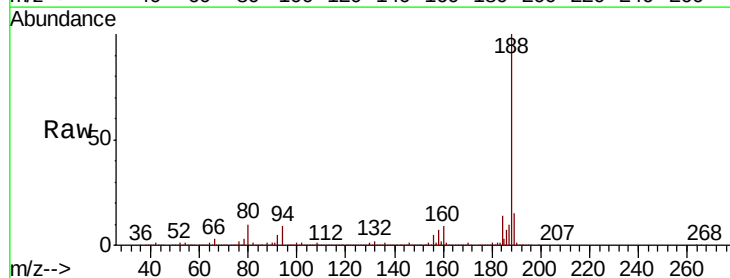


Abundance Ion 77.00 (76.70 to 77.70): BF1
2000000
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

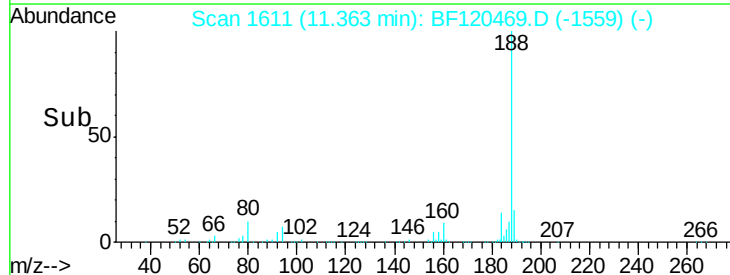
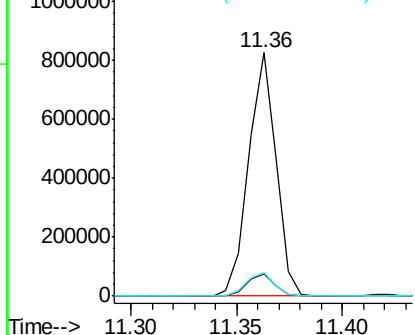


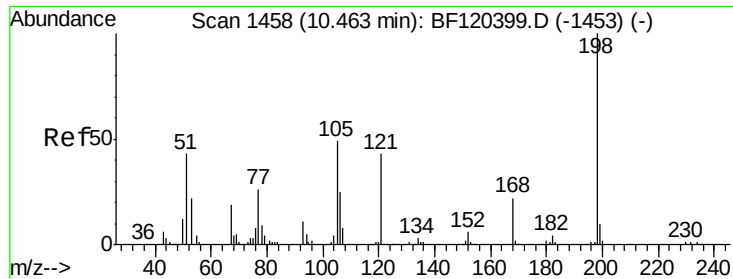
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BF120469.D
Acq: 1 Jun 2020 14:24

Tgt Ion: 188 Resp: 748002
Ion Ratio Lower Upper
188 100
94 9.2 7.9 11.9
80 9.8 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): BF1
1000000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 40.052 ng

RT: 10.47 min Scan# 1459

Delta R.T. -0.00 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MS

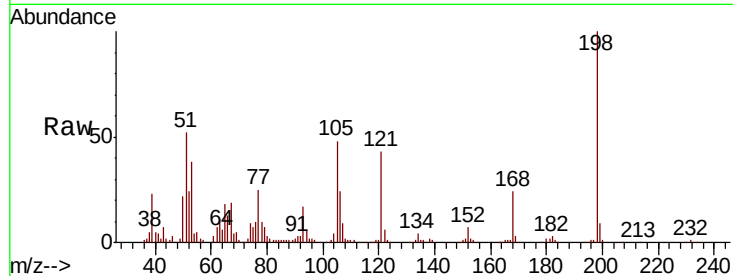
Tot Ion:198 Resp: 109273

Ion Ratio Lower Upper

198 100

51 51.6 34.1 74.1

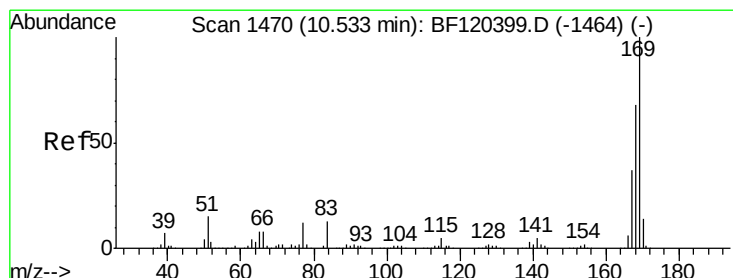
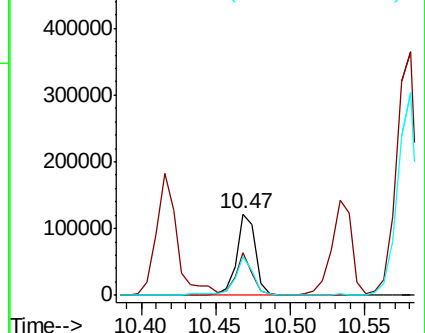
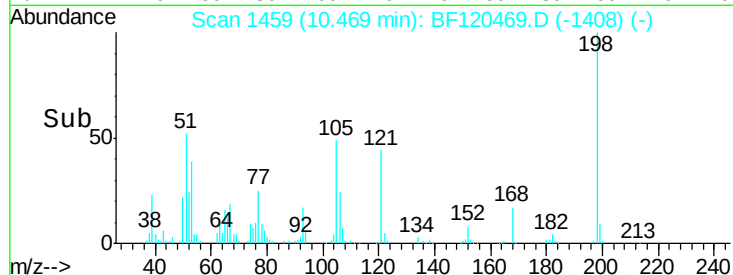
105 48.1 30.5 70.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 49.116 ng

RT: 10.54 min Scan# 1471

Delta R.T. 0.01 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

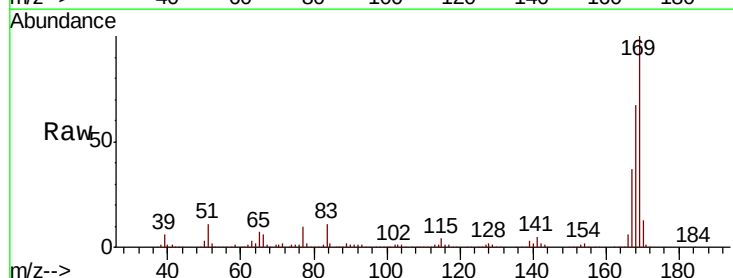
Tgt Ion:169 Resp: 1020546

Ion Ratio Lower Upper

169 100

168 67.3 54.2 81.2

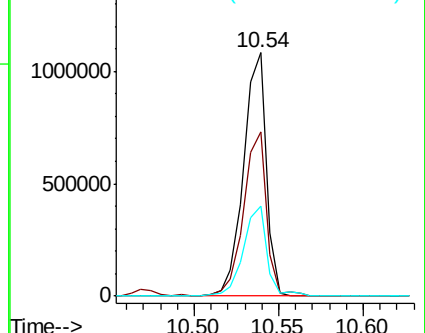
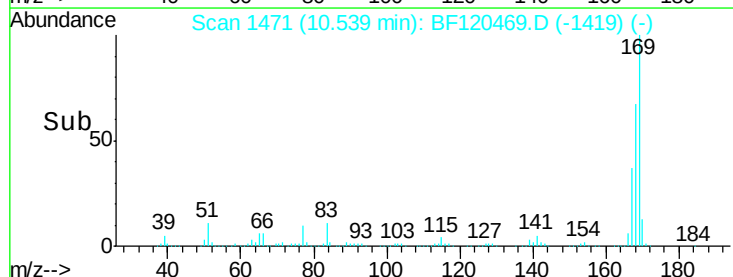
167 36.9 29.8 44.8

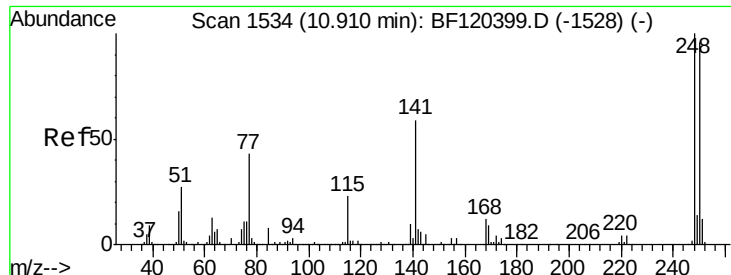


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

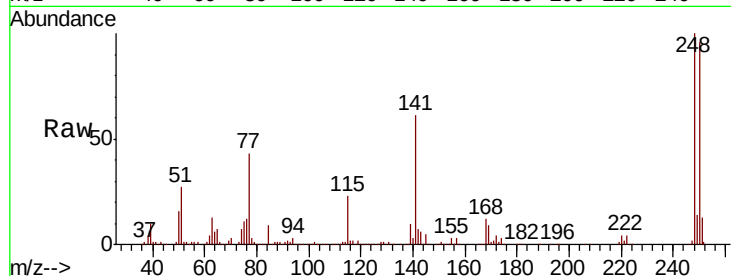




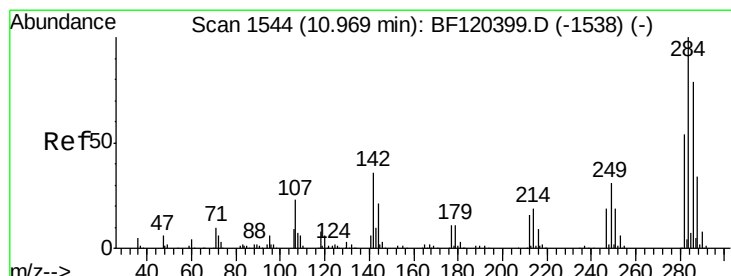
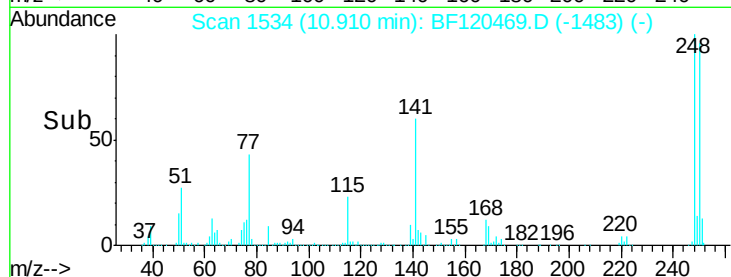
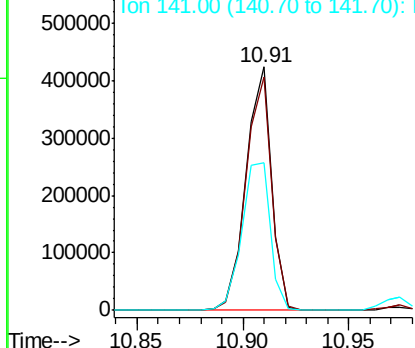
#67
 4-Bromophenyl-phenylether
 Concen: 47.177 ng
 RT: 10.91 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: BF120469.D
 Acq: 1 Jun 2020 14:24

Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6MS

Tot Ion:248 Resp: 356206
 Ion Ratio Lower Upper
 248 100
 250 95.9 76.5 114.7
 141 60.5 47.2 70.8

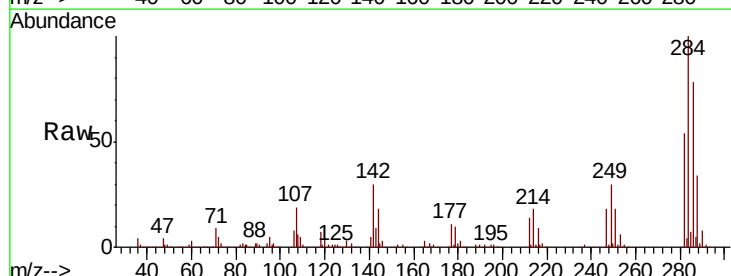


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

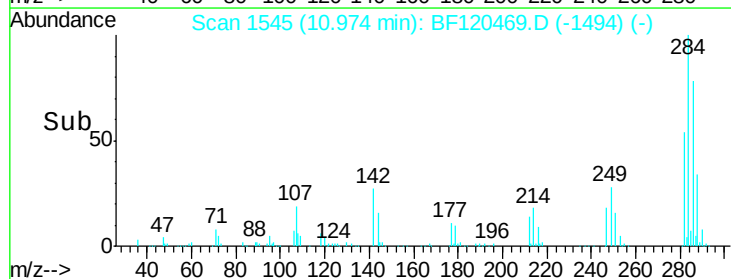
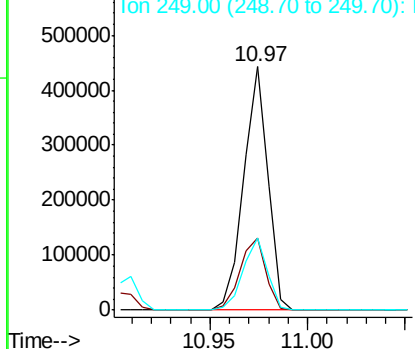


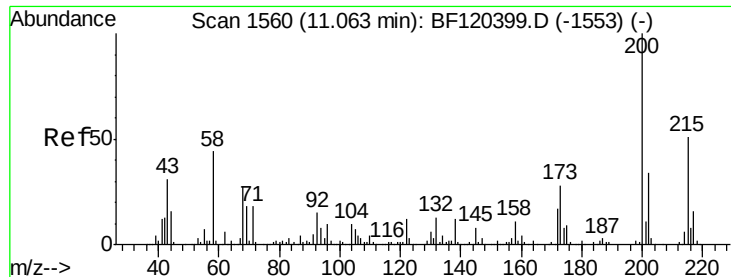
#68
 Hexachlorobenzene
 Concen: 47.093 ng
 RT: 10.97 min Scan# 1545
 Delta R.T. -0.00 min
 Lab File: BF120469.D
 Acq: 1 Jun 2020 14:24

Tgt Ion:284 Resp: 378667
 Ion Ratio Lower Upper
 284 100
 142 29.8 28.5 42.7
 249 29.5 25.0 37.6



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

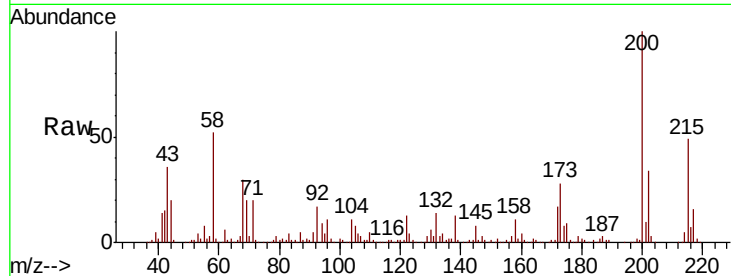




#69
 Atrazine
 Concen: 47.032 ng
 RT: 11.06 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF120469.D
 Acq: 1 Jun 2020 14:24

Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	7.9	47.9
215	49.4	31.2	71.2

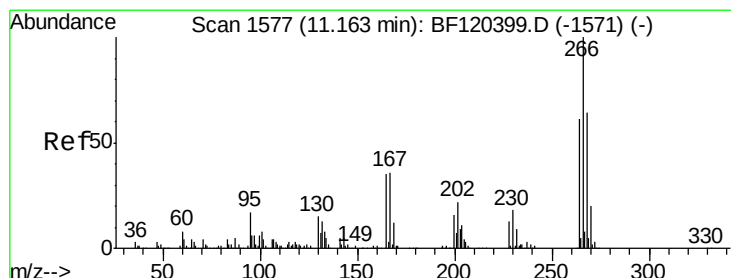
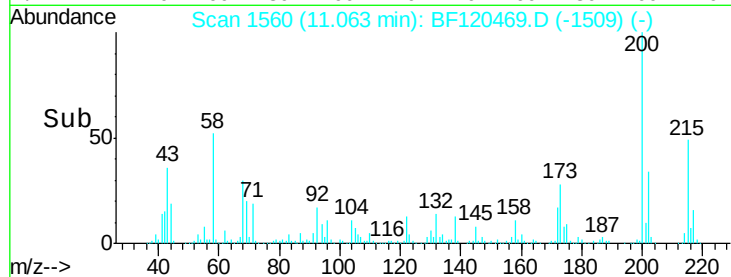
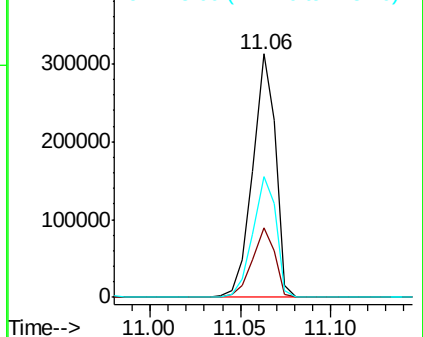


Abundance

Ion 200.00 (199.70 to 200.70): E

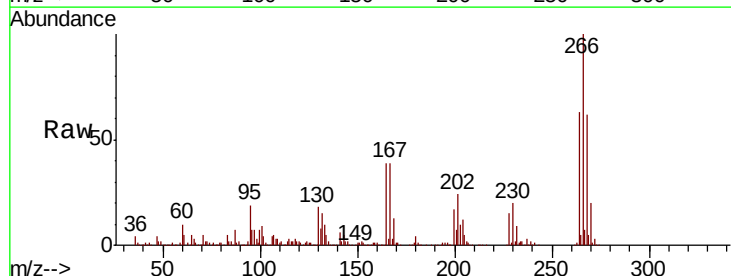
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 86.454 ng
 RT: 11.17 min Scan# 1578
 Delta R.T. 0.01 min
 Lab File: BF120469.D
 Acq: 1 Jun 2020 14:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.5	77.3
264	62.8	49.1	73.7

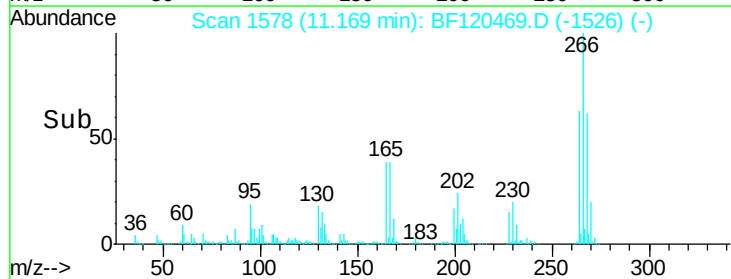
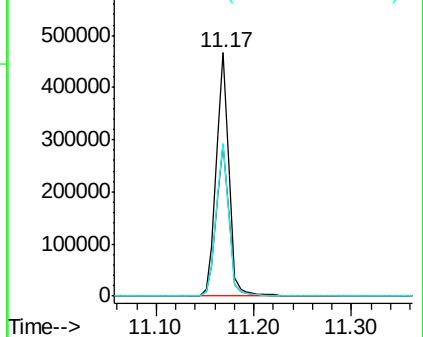


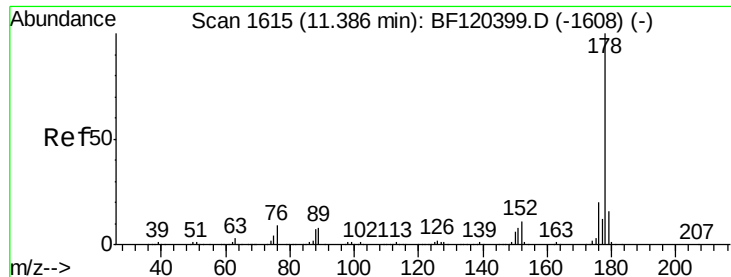
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 55.136 ng

RT: 11.39 min Scan# 1615

Delta R.T. -0.00 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MS

Tot Ion:178 Resp: 1817233

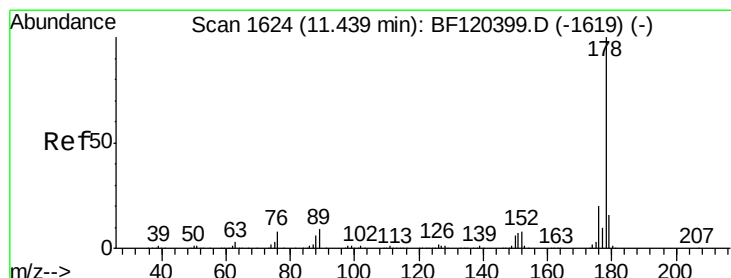
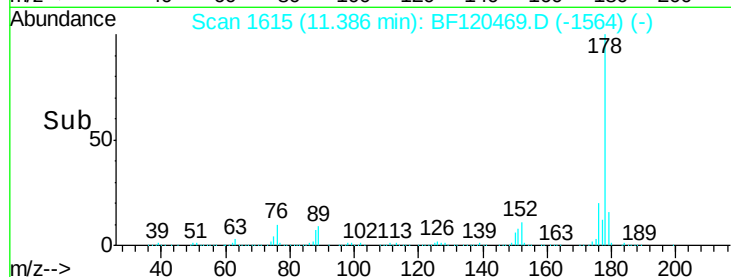
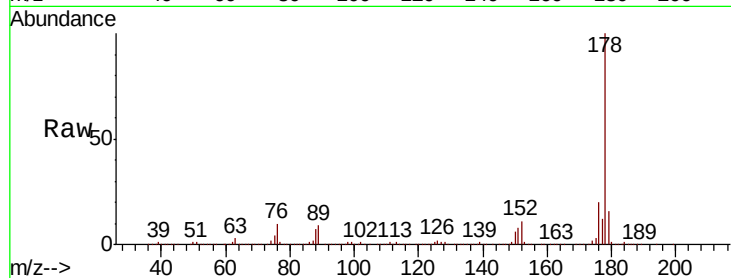
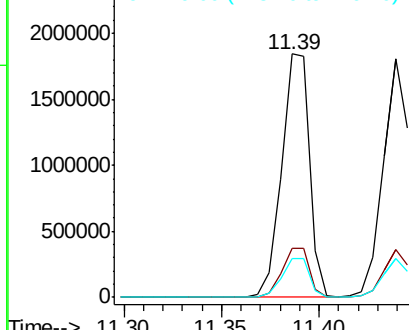
Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.4	24.6
179	16.1	13.0	19.4

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



#72

Anthracene

Concen: 49.634 ng

RT: 11.44 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

Tgt Ion:178 Resp: 1641370

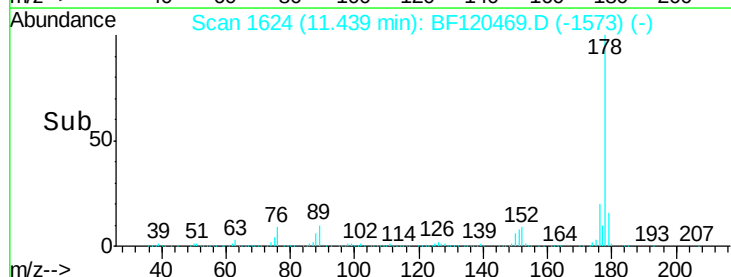
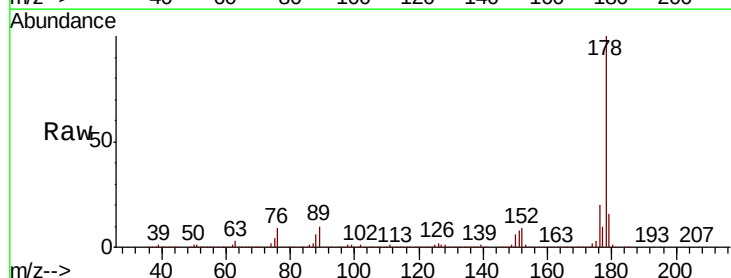
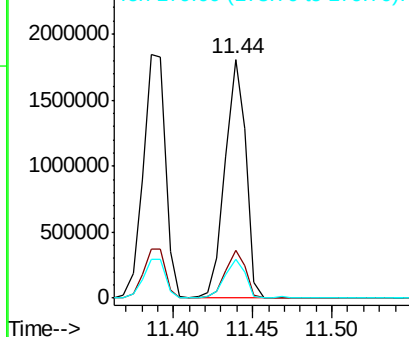
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.6
179	16.5	12.8	19.2

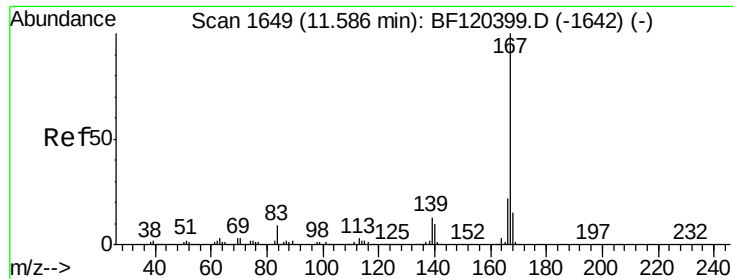
Abundance

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

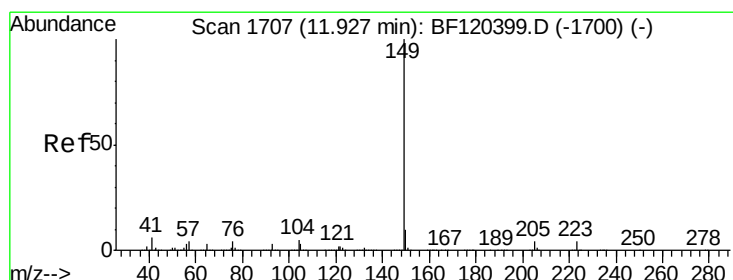
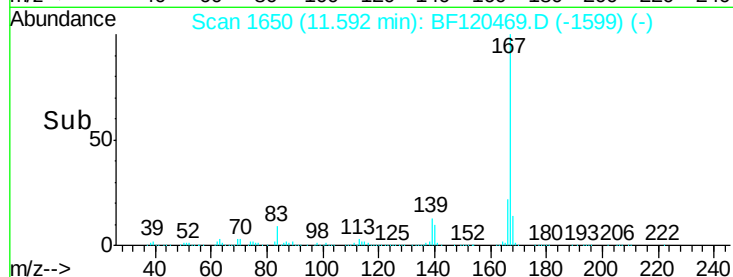
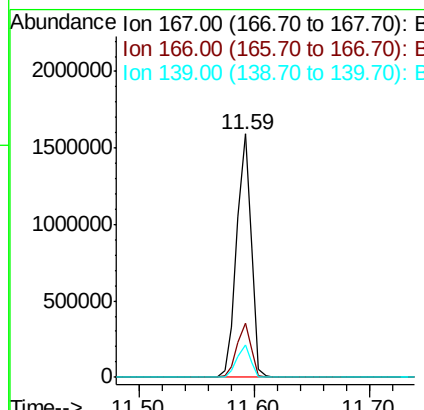
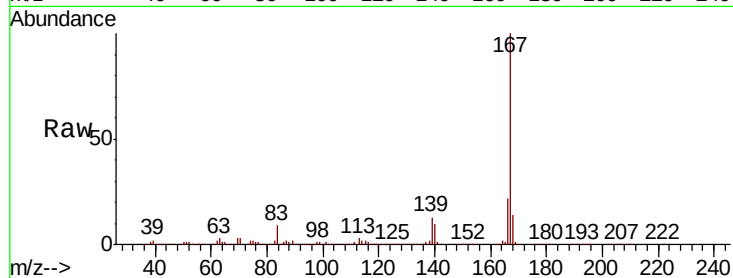




#73
 Carbazole
 Concen: 43.636 ng
 RT: 11.59 min Scan# 1650
 Delta R.T. -0.00 min
 Lab File: BF120469.D
 Acq: 1 Jun 2020 14:24

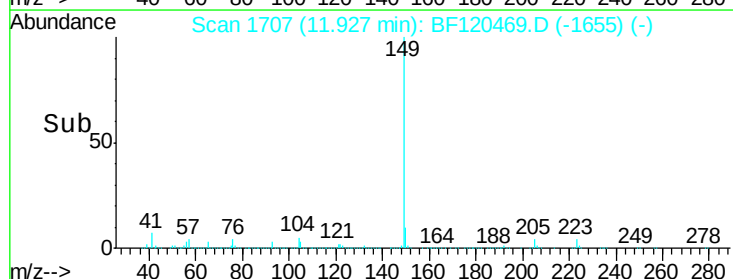
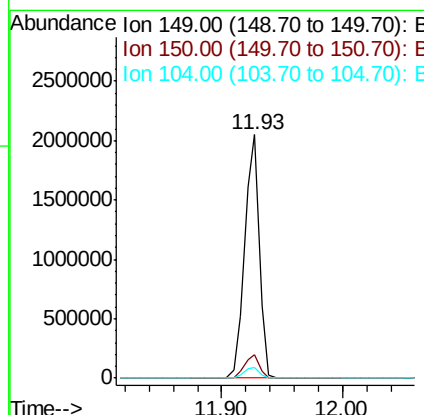
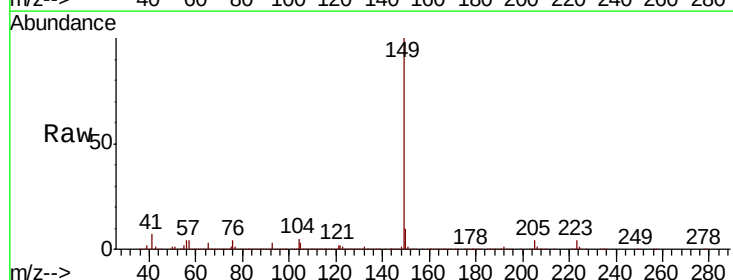
Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6MS

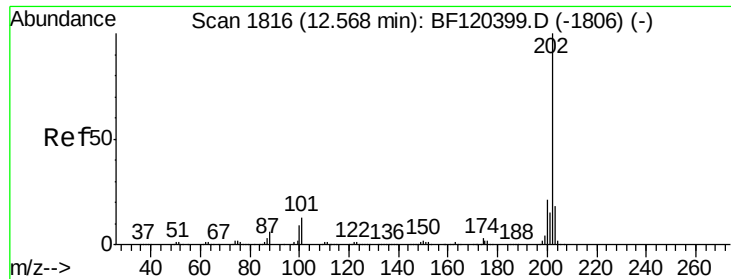
Tot Ion:167 Resp: 1395707
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 13.2 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 46.370 ng
 RT: 11.93 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: BF120469.D
 Acq: 1 Jun 2020 14:24

Tgt Ion:149 Resp: 1725324
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 4.6 3.6 5.4





#75

Fluoranthene

Concen: 59.402 ng

RT: 12.58 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MS

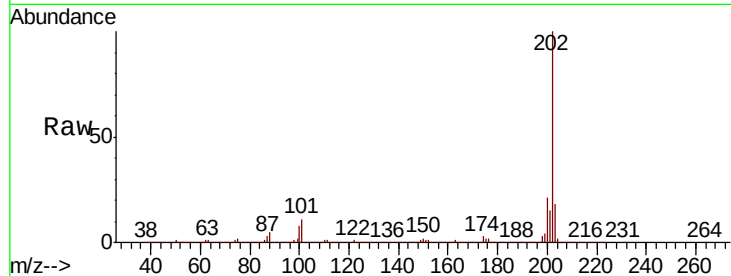
Tot Ion:202 Resp: 2106664

Ion Ratio Lower Upper

202 100

101 10.5 0.0 32.6

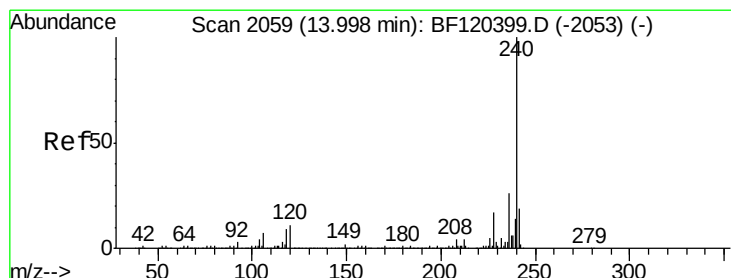
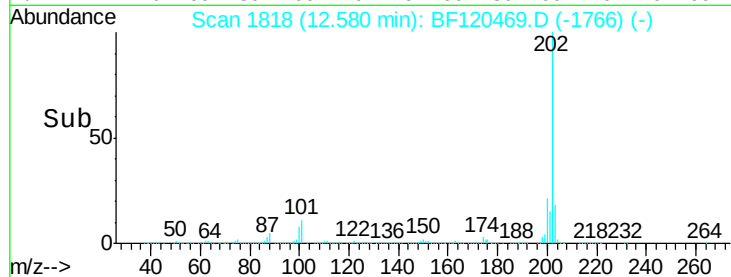
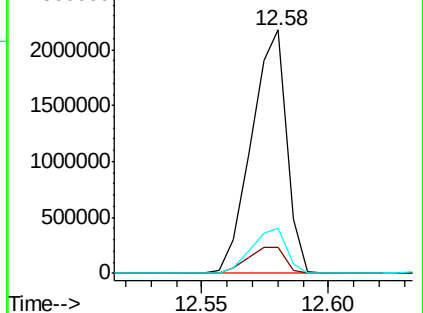
203 18.3 0.0 38.4



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2060

Delta R.T. 0.01 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

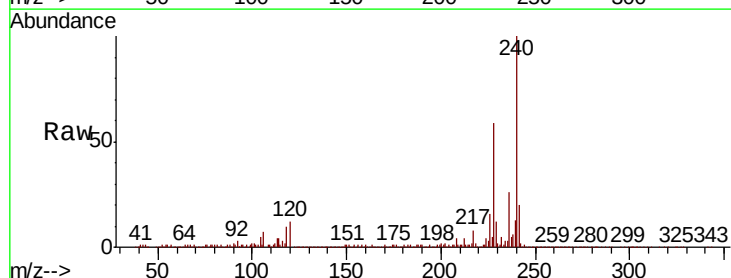
Tgt Ion:240 Resp: 490968

Ion Ratio Lower Upper

240 100

120 11.5 8.8 13.2

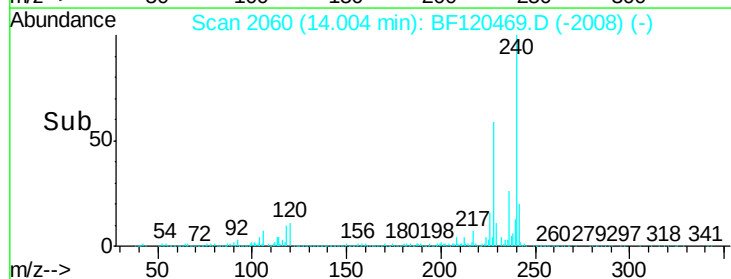
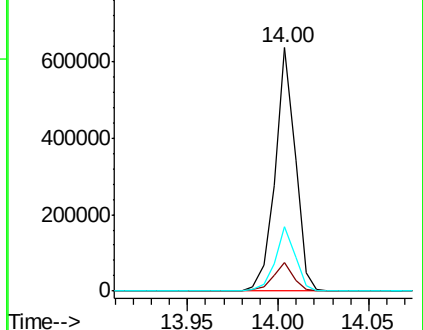
236 26.5 21.0 31.4

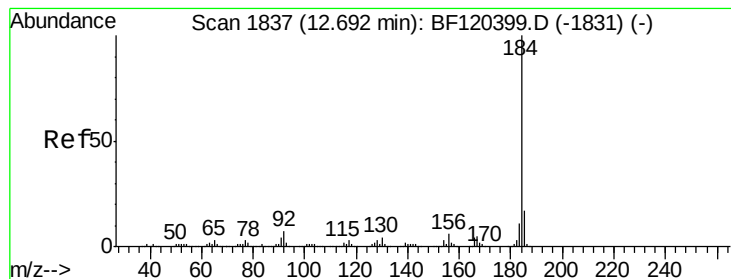


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 17.030 ng

RT: 12.69 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MS

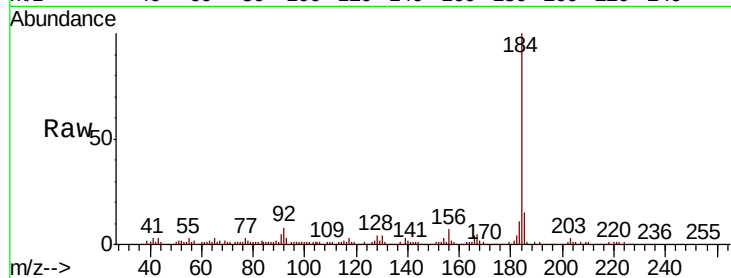
Tot Ion:184 Resp: 219687

Ion Ratio Lower Upper

184 100

185 15.3 13.4 20.0

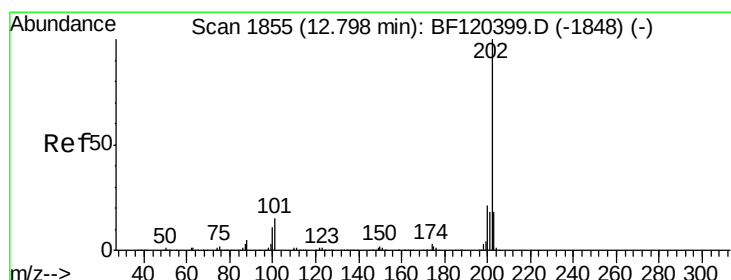
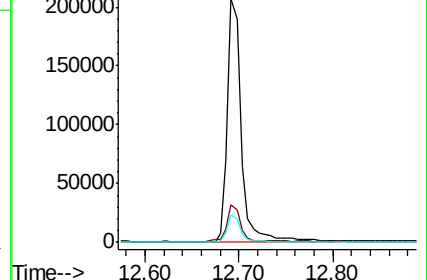
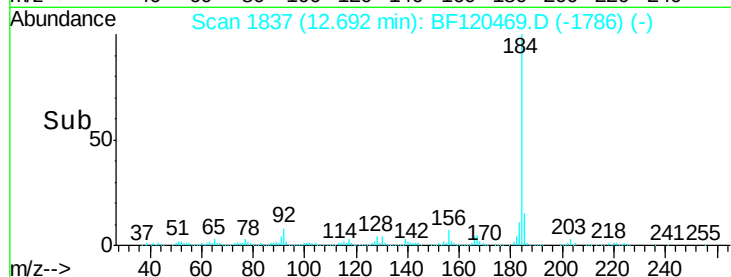
183 11.2 8.6 12.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 61.299 ng

RT: 12.80 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

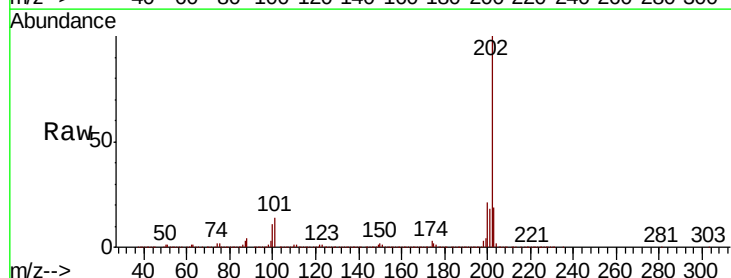
Tgt Ion:202 Resp: 2092989

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

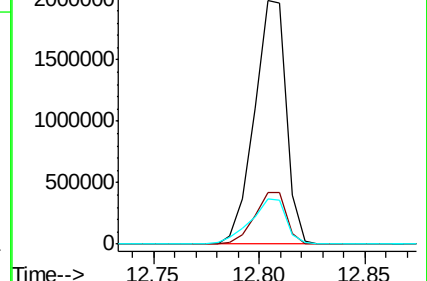
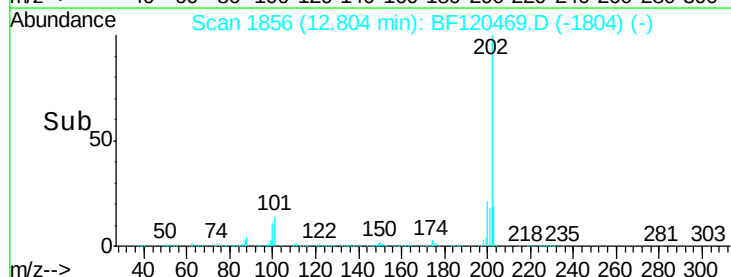
203 18.7 14.7 22.1

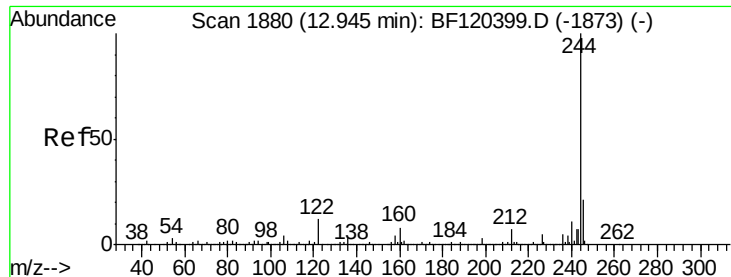


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 96.665 ng

RT: 12.95 min Scan# 1881

Delta R.T. 0.01 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MS

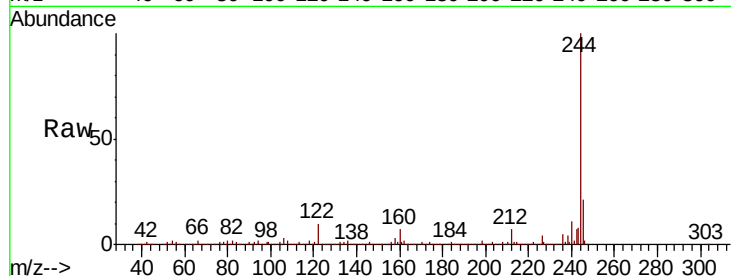
Tot Ion:244 Resp: 2132773

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

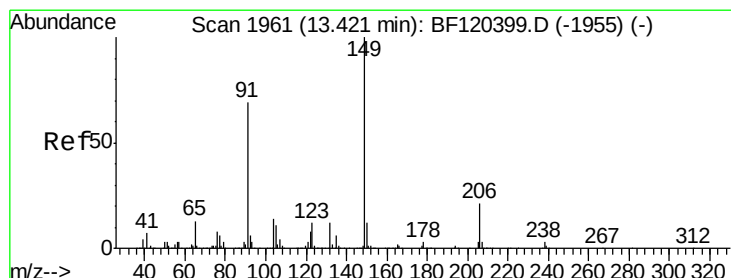
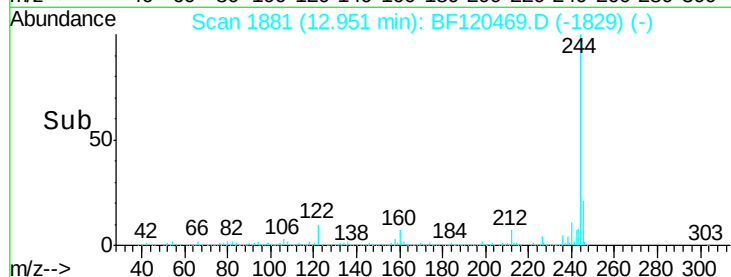
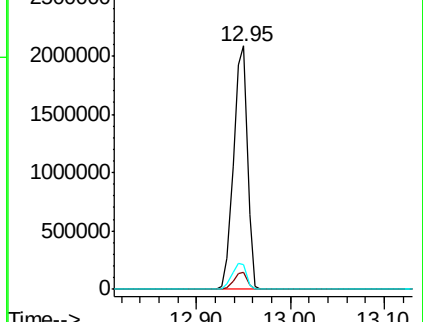
122 10.4 9.2 13.8



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



#80

Butylbenzylphthalate

Concen: 47.351 ng

RT: 13.42 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

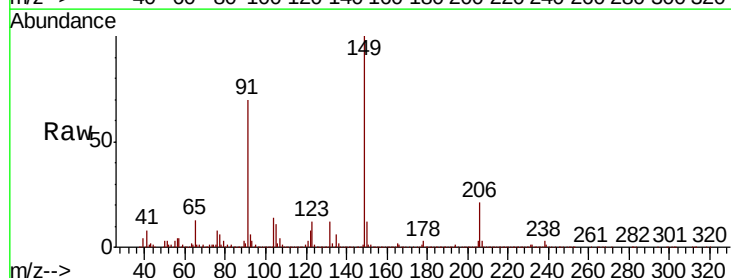
Tgt Ion:149 Resp: 674955

Ion Ratio Lower Upper

149 100

91 70.1 55.0 82.4

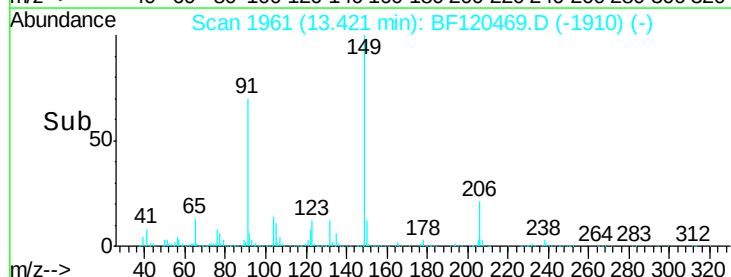
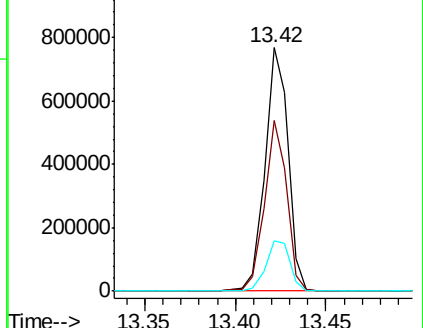
206 20.8 17.0 25.4

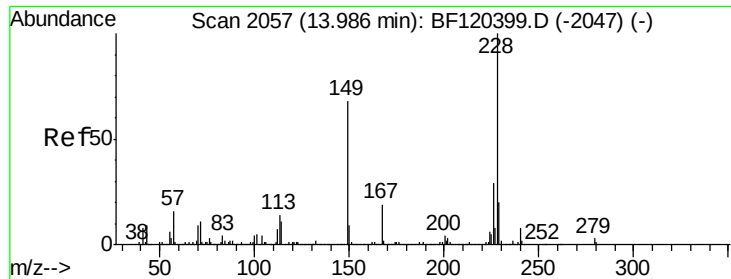


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 59.289 ng

RT: 13.99 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MS

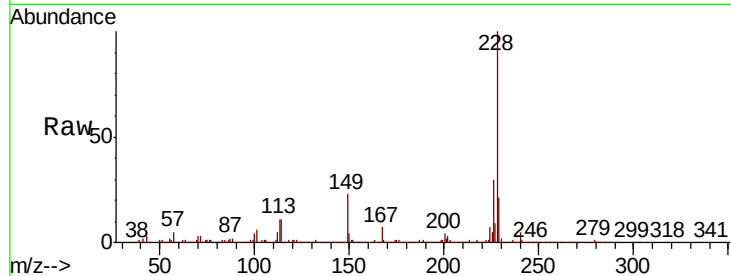
Tot Ion:228 Resp: 1560095

Ion Ratio Lower Upper

228 100

226 29.6 23.0 34.4

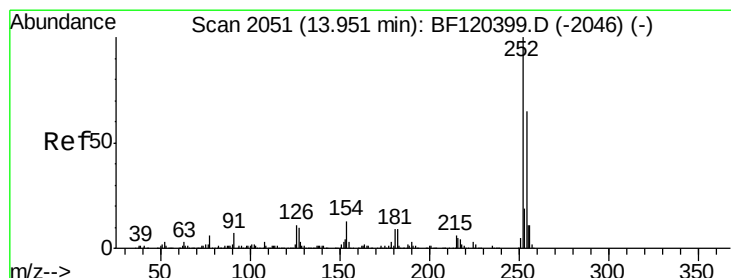
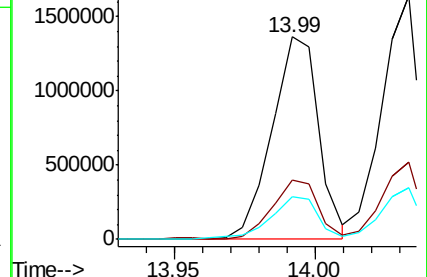
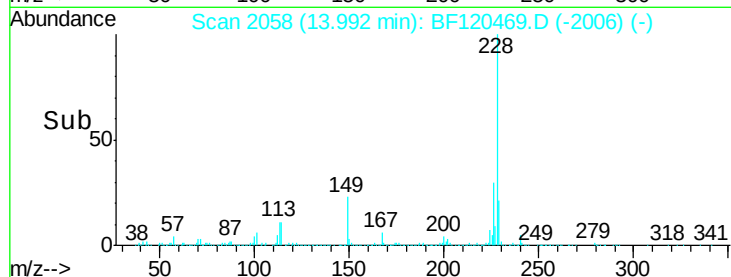
229 21.0 16.2 24.4



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



#82

3,3'-Dichlorobenzidine

Concen: 41.422 ng

RT: 13.96 min Scan# 2052

Delta R.T. 0.01 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

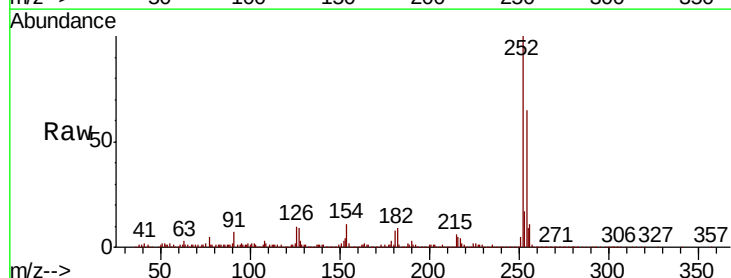
Tgt Ion:252 Resp: 395706

Ion Ratio Lower Upper

252 100

254 65.3 51.8 77.6

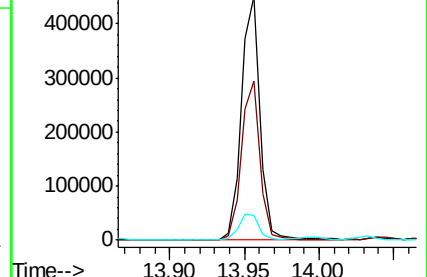
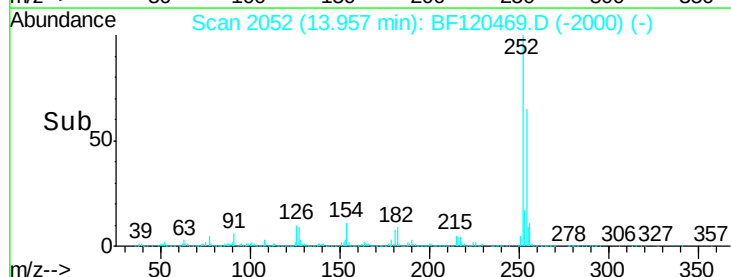
126 9.9 8.5 12.7

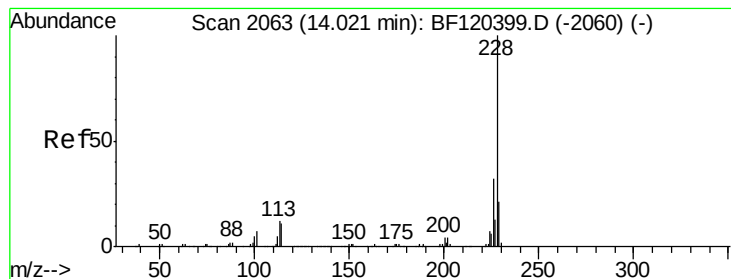


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 55.591 ng

RT: 14.03 min Scan# 2065

Delta R.T. 0.01 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MS

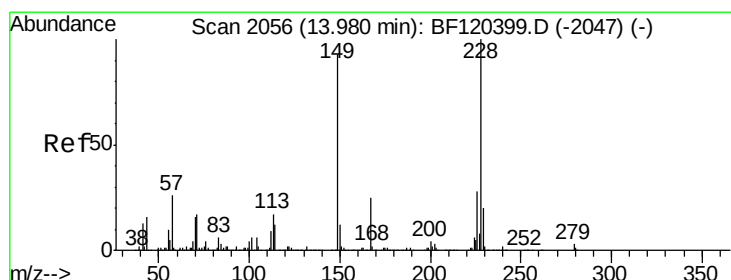
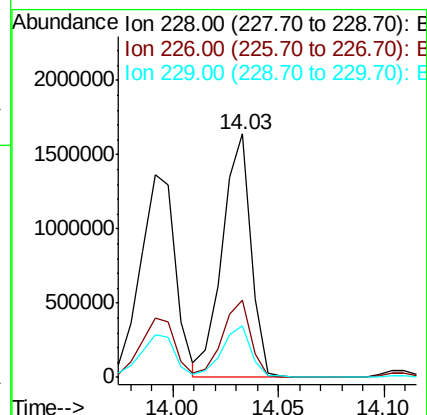
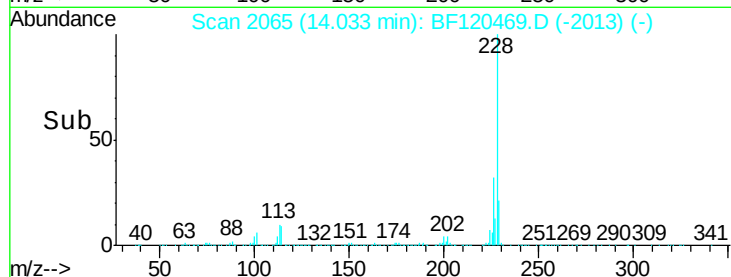
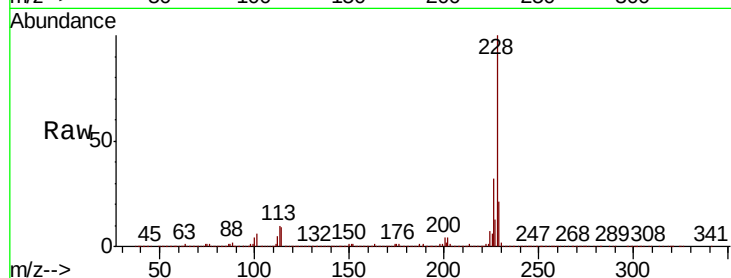
Tot Ion:228 Resp: 1533543

Ion Ratio Lower Upper

228 100

226 31.8 25.6 38.4

229 21.3 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.150 ng

RT: 13.99 min Scan# 2057

Delta R.T. 0.01 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

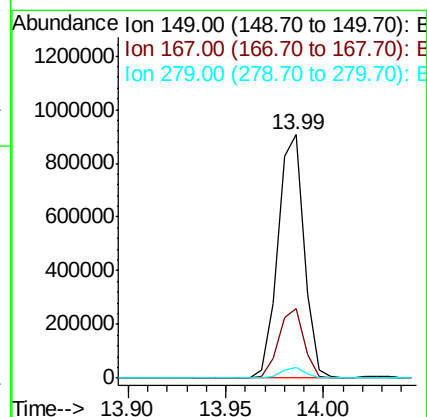
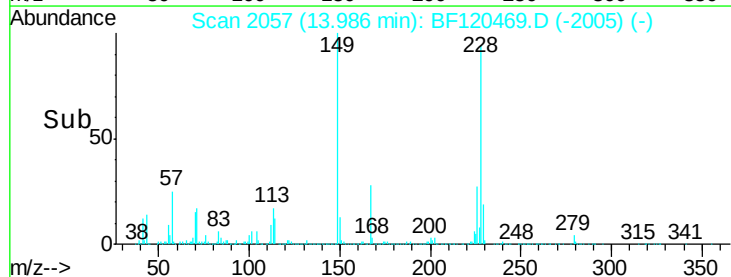
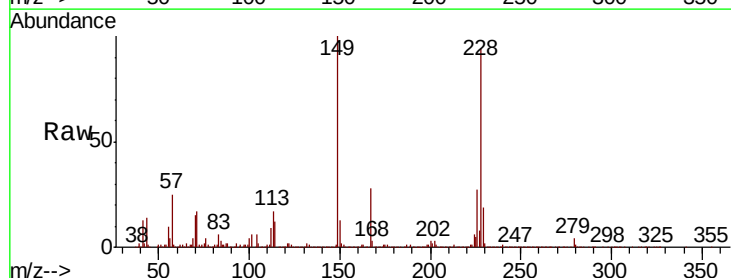
Tgt Ion:149 Resp: 839143

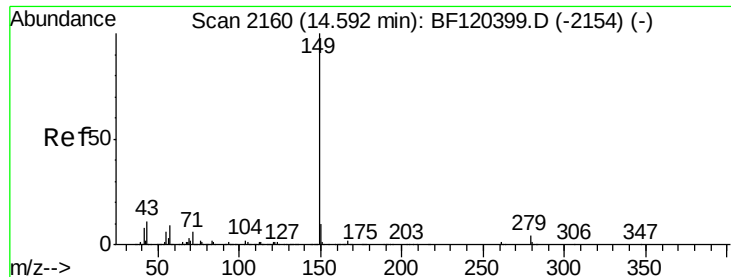
Ion Ratio Lower Upper

149 100

167 28.4 21.7 32.5

279 4.3 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 52.128 ng

RT: 14.60 min Scan# 2161

Delta R.T. 0.01 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MS

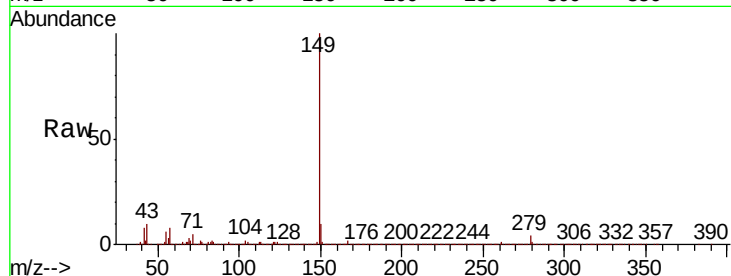
Tot Ion:149 Resp: 1509265

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

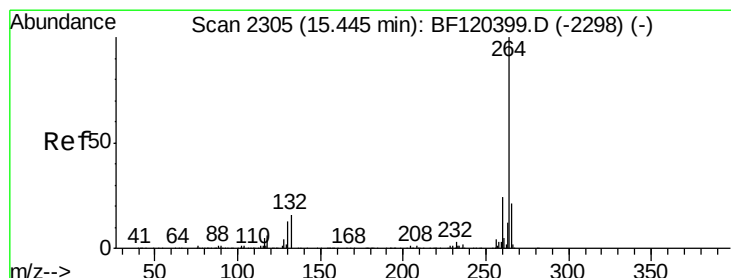
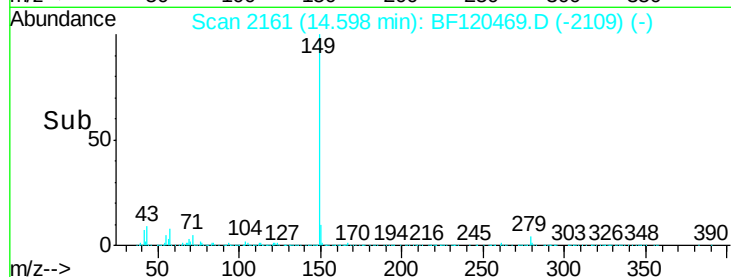
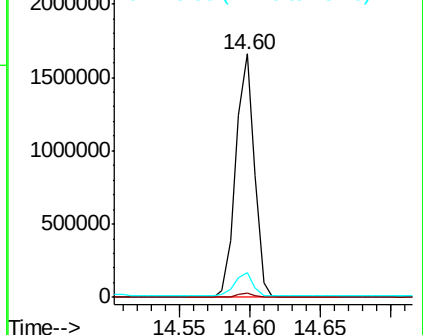
43 9.7 8.1 12.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2307

Delta R.T. 0.01 min

Lab File: BF120469.D

Acq: 1 Jun 2020 14:24

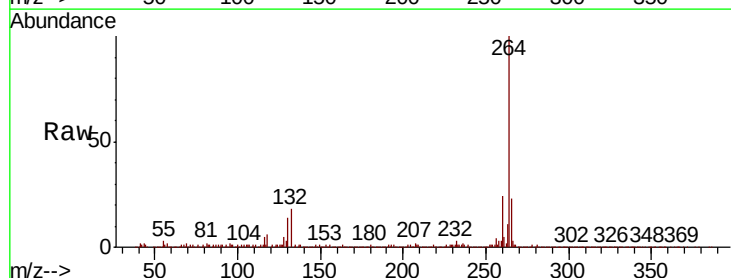
Tgt Ion:264 Resp: 580355

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

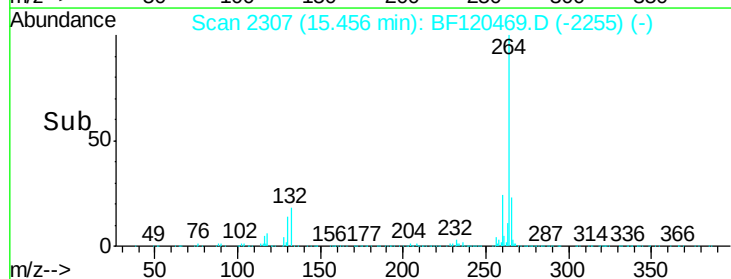
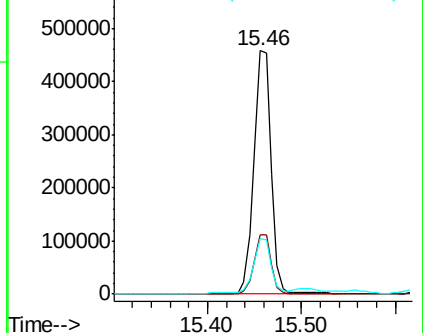
265 22.9 16.9 25.3

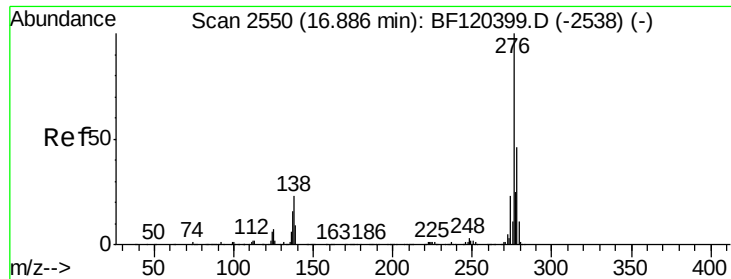


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

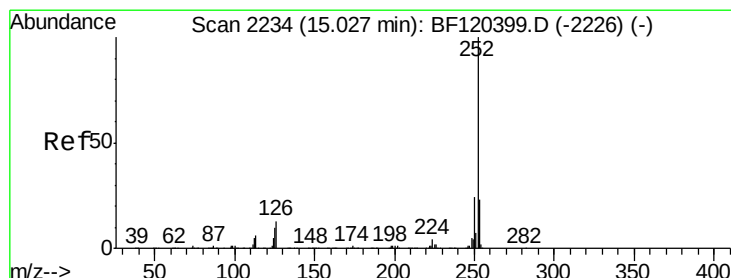
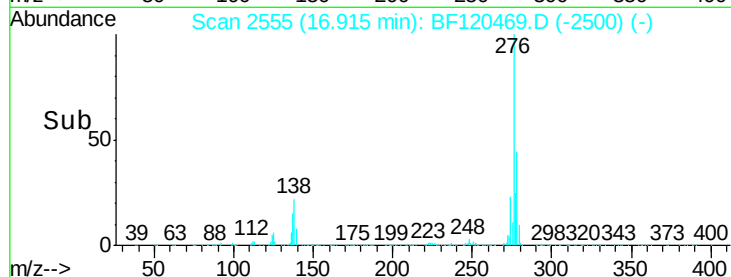
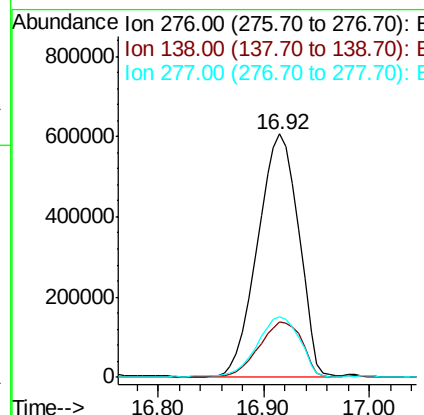
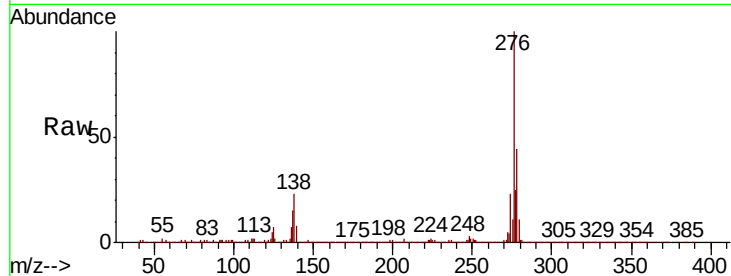




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.207 ng
 RT: 16.92 min Scan# 2555
 Delta R.T. 0.02 min
 Lab File: BF120469.D
 Acq: 1 Jun 2020 14:24

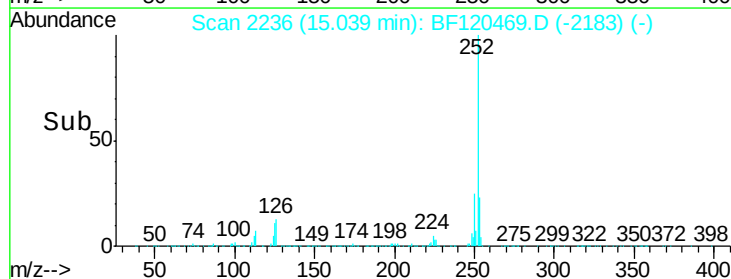
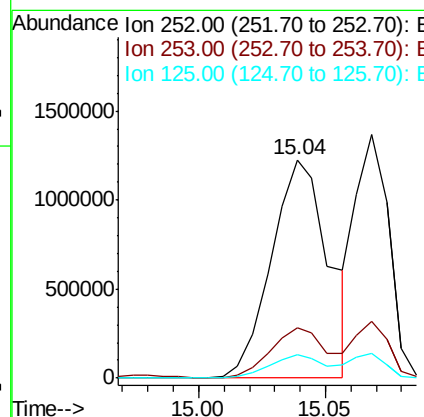
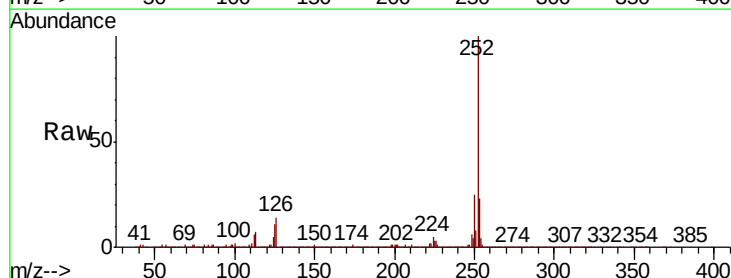
Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6MS

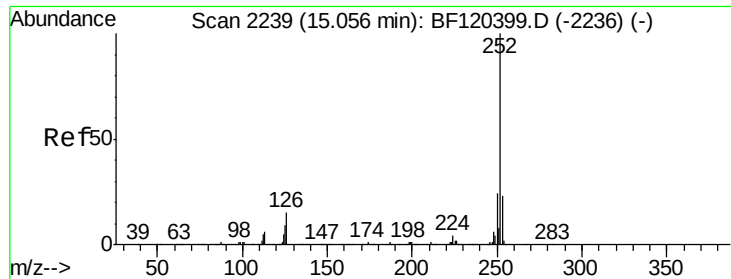
Tot Ion:276 Resp: 1625424
 Ion Ratio Lower Upper
 276 100
 138 23.6 20.4 30.6
 277 25.4 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 59.547 ng
 RT: 15.04 min Scan# 2236
 Delta R.T. 0.01 min
 Lab File: BF120469.D
 Acq: 1 Jun 2020 14:24

Tgt Ion:252 Resp: 1919485
 Ion Ratio Lower Upper
 252 100
 253 23.1 18.1 27.1
 125 10.7 7.8 11.8

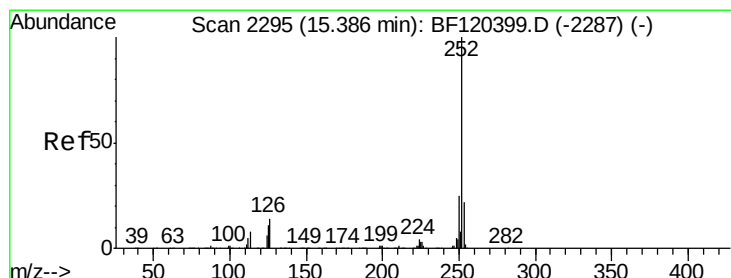
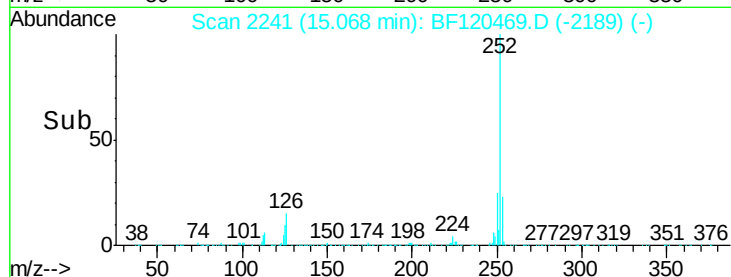
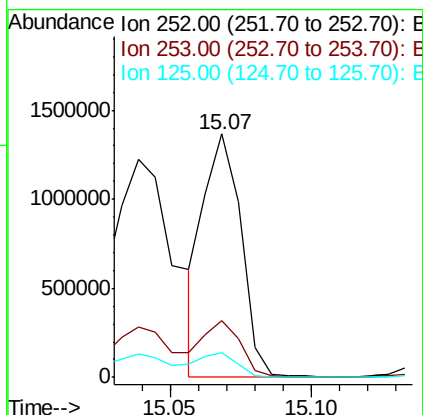
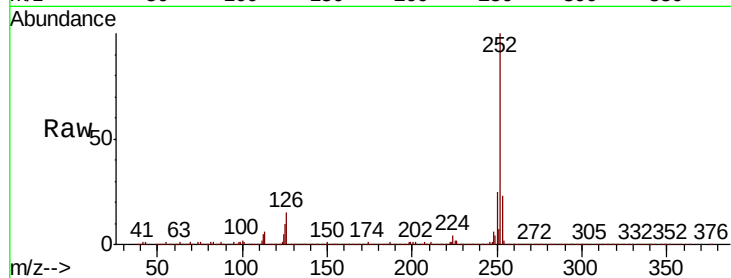




#89
Benzo(k)fluoranthene
Concen: 41.912 ng
RT: 15.07 min Scan# 2241
Delta R.T. 0.01 min
Lab File: BF120469.D
Acq: 1 Jun 2020 14:24

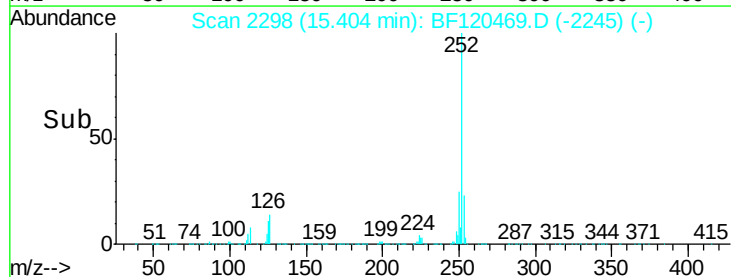
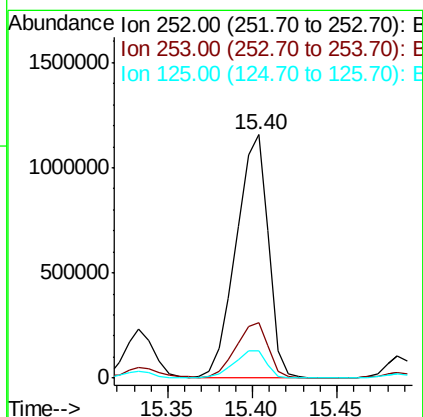
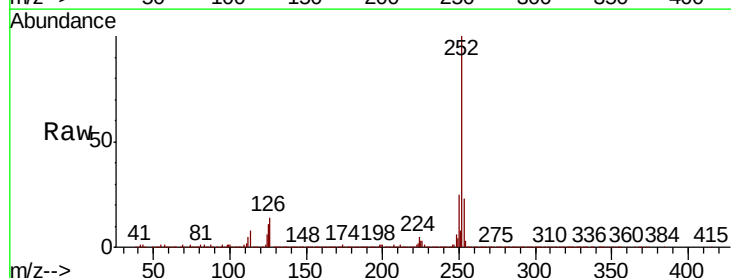
Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MS

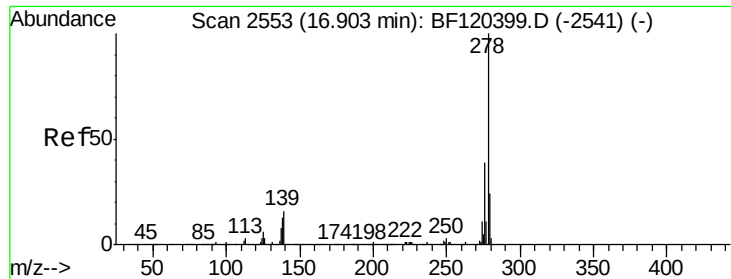
Tot Ion:252 Resp: 1261245
Ion Ratio Lower Upper
252 100
253 23.1 18.5 27.7
125 10.3 8.0 12.0



#90
Benzo(a)pyrene
Concen: 54.244 ng
RT: 15.40 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BF120469.D
Acq: 1 Jun 2020 14:24

Tgt Ion:252 Resp: 1529456
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.0
125 11.0 8.7 13.1

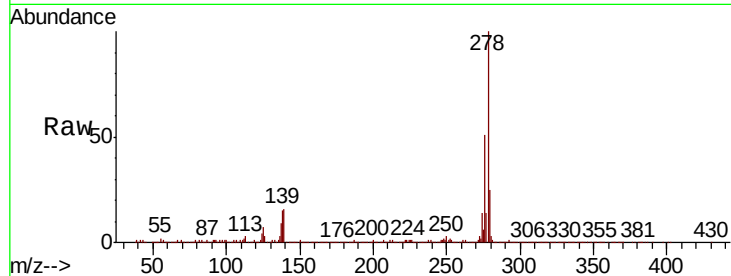




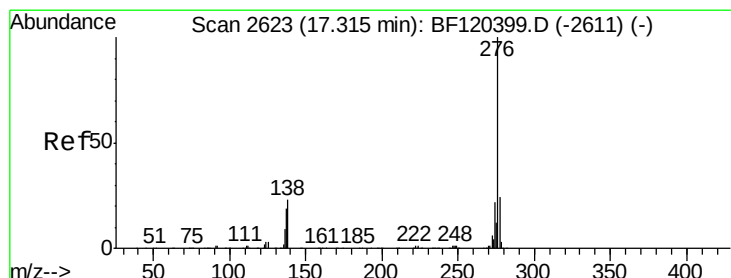
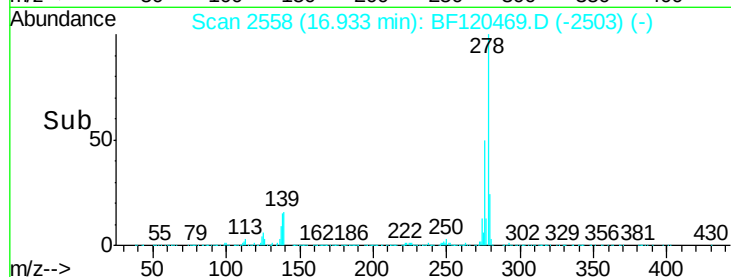
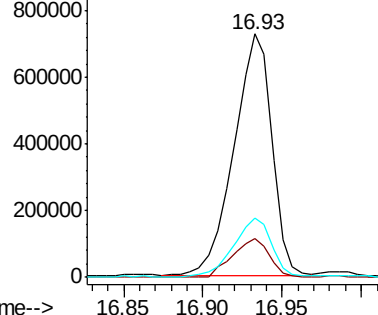
#91
Dibenzo(a,h)anthracene
Concen: 46.351 ng
RT: 16.93 min Scan# 2558
Delta R.T. 0.02 min
Lab File: BF120469.D
Acq: 1 Jun 2020 14:24

Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MS

Tot Ion:278 Resp: 1199504
Ion Ratio Lower Upper
278 100
139 15.8 12.8 19.2
279 24.6 19.0 28.4

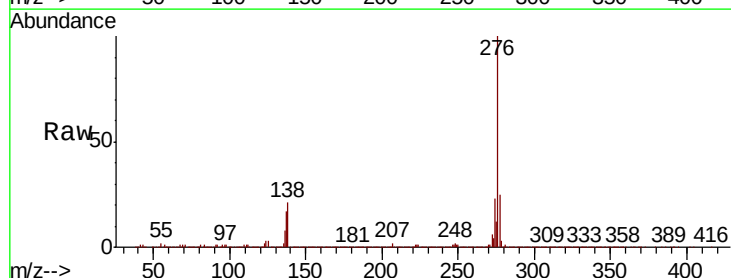


Abundance Ion 278.00 (277.70 to 278.70): E
1000000 Ion 139.00 (138.70 to 139.70): E
800000 Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 53.634 ng
RT: 17.36 min Scan# 2631
Delta R.T. 0.04 min
Lab File: BF120469.D
Acq: 1 Jun 2020 14:24

Tgt Ion:276 Resp: 1368967
Ion Ratio Lower Upper
276 100
277 24.6 19.5 29.3
138 20.8 18.1 27.1



Abundance Ion 276.00 (275.70 to 276.70): E
800000 Ion 277.00 (276.70 to 277.70): E
600000 Ion 138.00 (137.70 to 138.70): E

