

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060120\
 Data File : BF120470.D
 Acq On : 1 Jun 2020 14:52
 Operator : JU/CG
 Sample : L2792-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jun 01 15:39:18 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	229685	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	878397	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	429589	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	758300	20.00	ng	0.00
76) Chrysene-d12	14.00	240	490729	20.00	ng	0.00
86) Perylene-d12	15.46	264	552518	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1168375	96.94	ng	0.02
7) Phenol-d6	6.48	99	1471954	99.09	ng	0.01
23) Nitrobenzene-d5	7.40	82	952964	70.97	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	409211	102.81	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1784691	70.49	ng	0.00
79) Terphenyl-d14	12.94	244	1635746	74.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	262966	44.047	ng	99
3) Pyridine	3.40	79	611805	37.001	ng	97
4) n-Nitrosodimethylamine	3.35	42	332390	47.502	ng	# 100
6) Aniline	6.50	93	494694	23.883	ng	99
8) 2-Chlorophenol	6.63	128	695872	51.206	ng	98
9) Benzaldehyde	6.39	77	379890	41.959	ng	99
10) Phenol	6.49	94	824677	50.765	ng	96
11) bis(2-Chloroethyl)ether	6.58	93	736762	54.274	ng	97
12) 1,3-Dichlorobenzene	6.79	146	703802	47.140	ng	97
13) 1,4-Dichlorobenzene	6.86	146	708676	47.575	ng	98
14) 1,2-Dichlorobenzene	7.02	146	662760	48.171	ng	99
15) Benzyl Alcohol	6.99	79	549724	49.091	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	950681	44.422	ng	99
17) 2-Methylphenol	7.10	107	541102	44.528	ng	99
18) Hexachloroethane	7.36	117	238816	43.798	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	424926	44.999	ng	99
20) 3+4-Methylphenols	7.25	107	601957	39.211	ng	# 85
22) Acetophenone	7.25	105	815956	45.738	ng	# 92
24) Nitrobenzene	7.42	77	682877	47.208	ng	99
25) Isophorone	7.67	82	1231001	45.611	ng	98
26) 2-Nitrophenol	7.74	139	357713	54.848	ng	98
27) 2,4-Dimethylphenol	7.78	122	586102	51.748	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	778322	47.887	ng	99
29) 2,4-Dichlorophenol	7.98	162	553997	48.426	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	607501	47.320	ng	99
31) Naphthalene	8.15	128	1848314	47.912	ng	99
32) Benzoic acid	7.91	122	463859	55.189	ng	98
33) 4-Chloroaniline	8.20	127	514895	30.116	ng	98
34) Hexachlorobutadiene	8.26	225	349868	45.976	ng	99
35) Caprolactam	8.57	113	135180	36.487	ng	92
36) 4-Chloro-3-methylphenol	8.68	107	554911	47.810	ng	100
37) 2-Methylnaphthalene	8.84	142	1231634	48.200	ng	99
38) 1-Methylnaphthalene	8.94	142	1167552	48.407	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	582559	52.880	ng	99

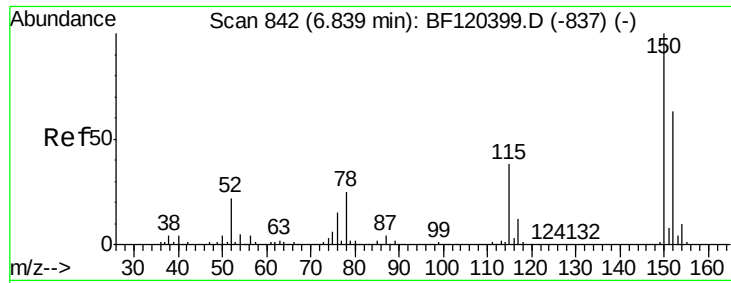
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060120\
 Data File : BF120470.D
 Acq On : 1 Jun 2020 14:52
 Operator : JU/CG
 Sample : L2792-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jun 01 15:39:18 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)
41) Hexachlorocyclopentadiene	8.99	237	331433	53.905	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	409523	51.399	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	423142	46.851	nq	97
46) 1,1'-Biphenyl	9.30	154	1479758	52.436	nq	99
47) 2-Chloronaphthalene	9.33	162	1134784	48.833	nq	98
48) 2-Nitroaniline	9.42	65	363047	51.293	nq	97
49) Acenaphthylene	9.75	152	1800313	50.134	nq	99
50) Dimethylphthalate	9.60	163	1591490	59.258	nq	99
51) 2,6-Dinitrotoluene	9.66	165	297386	49.826	nq	95
52) Acenaphthene	9.92	154	1134618	50.626	nq	100
53) 3-Nitroaniline	9.83	138	238427	34.019	nq	99
54) 2,4-Dinitrophenol	9.93	184	158089	67.124	nq	94
55) Dibenzofuran	10.09	168	1579257	48.490	nq	100
56) 4-Nitrophenol	10.00	139	506021	94.305	nq	96
57) 2,4-Dinitrotoluene	10.07	165	385091	50.414	nq	86
58) Fluorene	10.43	166	1148747	47.002	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	346928	49.295	nq	99
60) Diethylphthalate	10.30	149	1300056	47.903	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	576658	43.519	nq	96
62) 4-Nitroaniline	10.45	138	285270	43.114	nq	98
63) Azobenzene	10.58	77	1192572	46.716	nq	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	112866	40.807	nq	81
66) n-Nitrosodiphenylamine	10.54	169	1081708	51.353	nq	100
67) 4-Bromophenyl-phenylether	10.91	248	380083	49.655	nq	96
68) Hexachlorobenzene	10.97	284	407330	49.970	nq	96
69) Atrazine	11.07	200	293788	49.483	nq	99
70) Pentachlorophenol	11.17	266	456988	91.692	nq	97
71) Phenanthrene	11.39	178	1796654	53.771	nq	100
72) Anthracene	11.44	178	1698280	50.658	nq	99
73) Carbazole	11.59	167	1519154	46.850	nq	100
74) Di-n-butylphthalate	11.93	149	1884389	49.957	nq	99
75) Fluoranthene	12.58	202	2002123	55.687	nq	98
77) Benzidine	12.70	184	444490	34.473	nq	97
78) Pyrene	12.81	202	1991031	58.341	nq	100
80) Butylbenzylphthalate	13.43	149	715260	50.203	nq	93
81) Benzo(a)anthracene	14.00	228	1523167	57.914	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	475688	49.819	nq	99
83) Chrysene	14.03	228	1510929	54.798	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	900566	53.847	nq	# 97
85) Di-n-octyl phthalate	14.60	149	1582258	54.676	nq	99
87) Indeno(1,2,3-cd)pyrene	16.92	276	1563327	51.732	nq	98
88) Benzo(b)fluoranthene	15.04	252	1789487	58.311	nq	99
89) Benzo(k)fluoranthene	15.07	252	1302782	45.474	nq	99
90) Benzo(a)pyrene	15.40	252	1458235	54.324	nq	99
91) Dibenzo(a,h)anthracene	16.93	278	1190967	48.339	nq	99
92) Benzo(g,h,i)perylene	17.36	276	1290224	53.096	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MSD

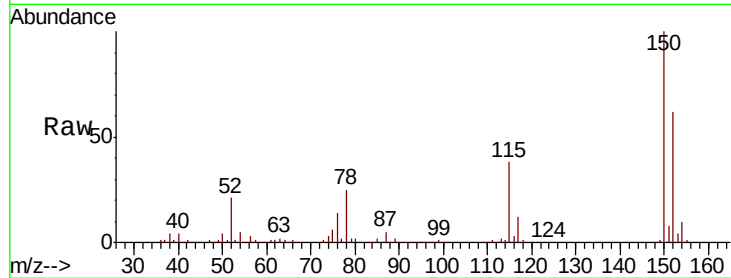
Tot Ion:152 Resp: 229685

Ion Ratio Lower Upper

152 100

150 161.8 126.5 189.7

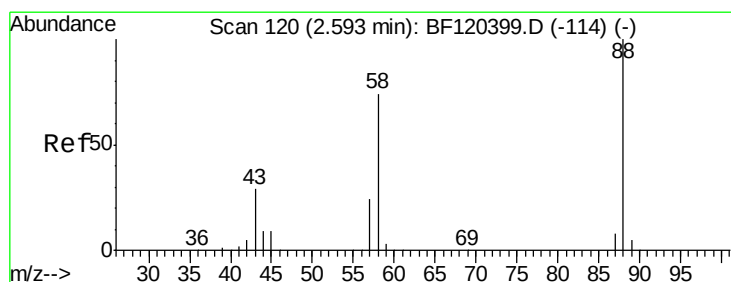
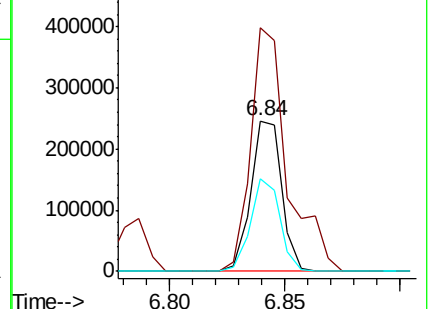
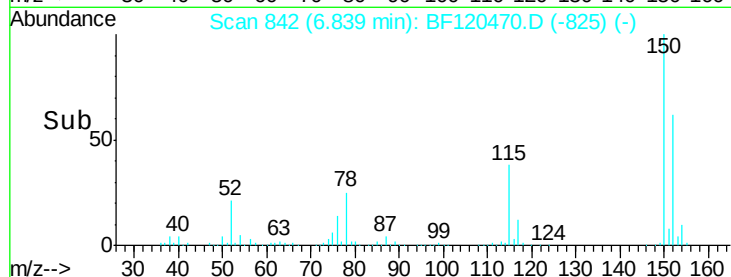
115 61.7 47.6 71.4



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: 44.047 ng

RT: 2.65 min Scan# 130

Delta R.T. 0.04 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

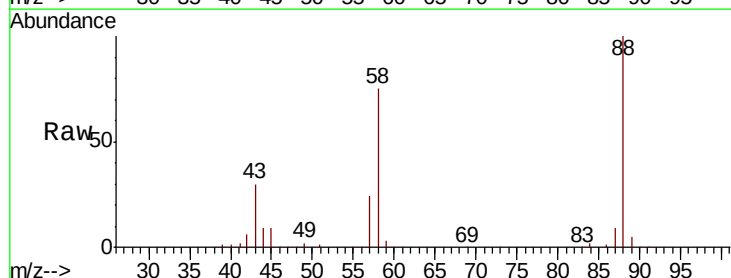
Tgt Ion: 88 Resp: 262966

Ion Ratio Lower Upper

88 100

58 75.5 61.0 91.4

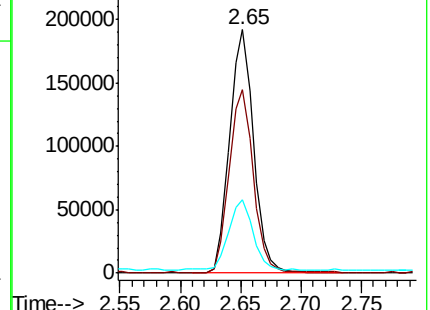
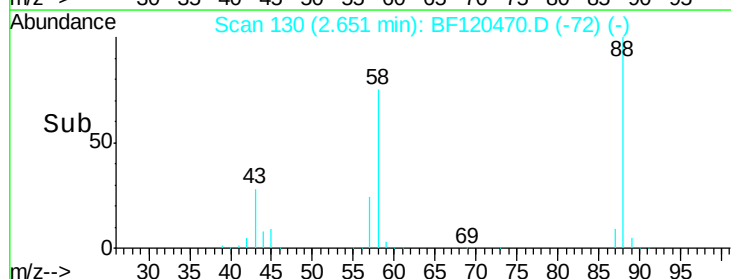
43 29.4 23.6 35.4

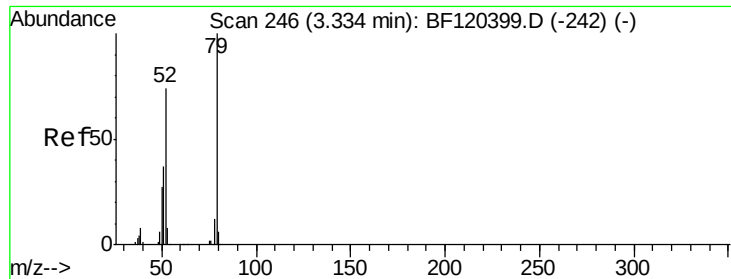


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 37.001 ng

RT: 3.40 min Scan# 257

Delta R.T. 0.04 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MSD

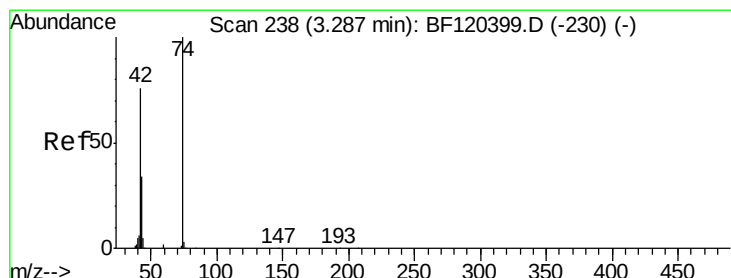
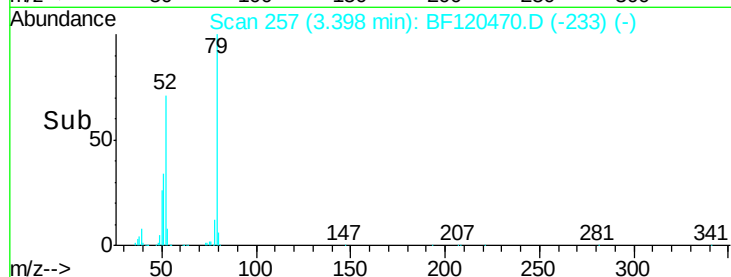
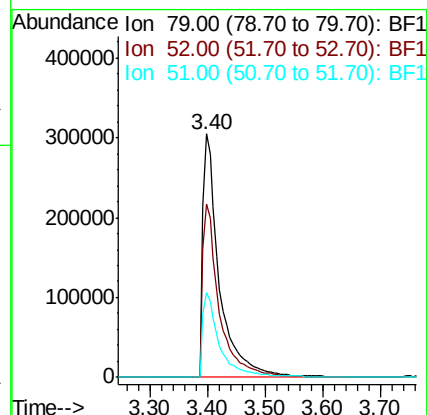
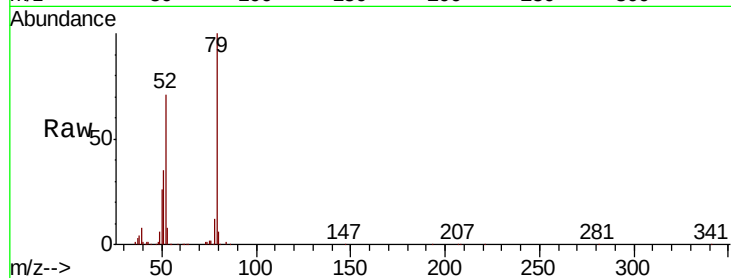
Tot Ion: 79 Resp: 611805

Ion Ratio Lower Upper

79 100

52 71.2 59.2 88.8

51 34.7 29.4 44.2



#4

n-Nitrosodimethylamine

Concen: 47.502 ng

RT: 3.35 min Scan# 249

Delta R.T. 0.04 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

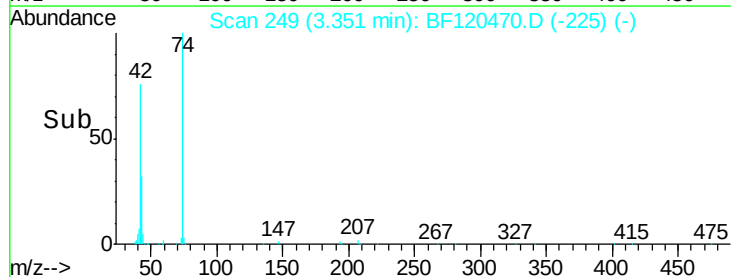
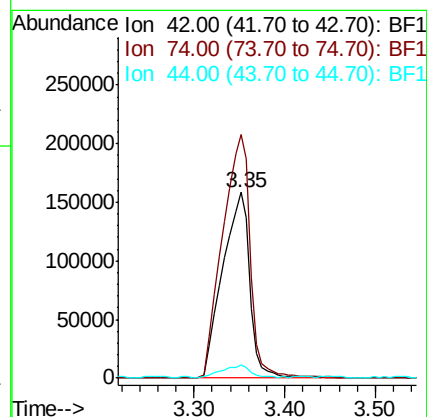
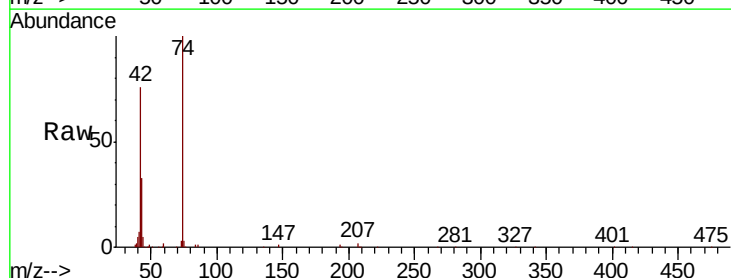
Tgt Ion: 42 Resp: 332390

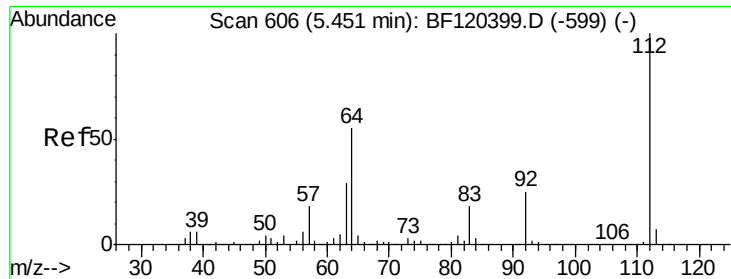
Ion Ratio Lower Upper

42 100

74 131.2 104.8 157.2

44 6.8 7.0 10.4#





#5

2-Fluorophenol

Concen: 96.943 ng

RT: 5.47 min Scan# 609

Delta R.T. 0.02 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MSD

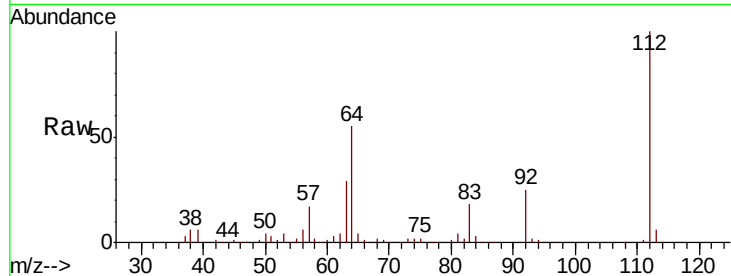
Tot Ion:112 Resp: 1168375

Ion Ratio Lower Upper

112 100

64 55.1 44.3 66.5

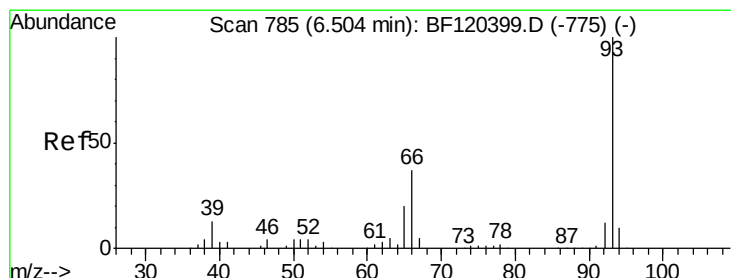
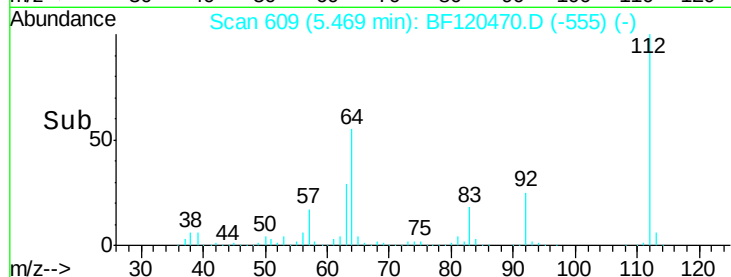
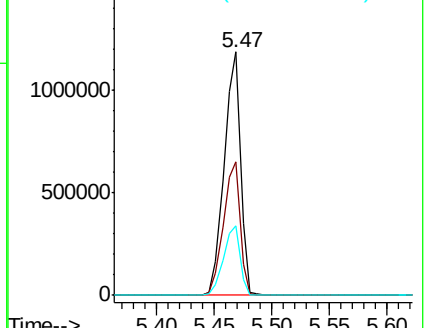
63 28.6 22.9 34.3



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: 23.883 ng

RT: 6.50 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

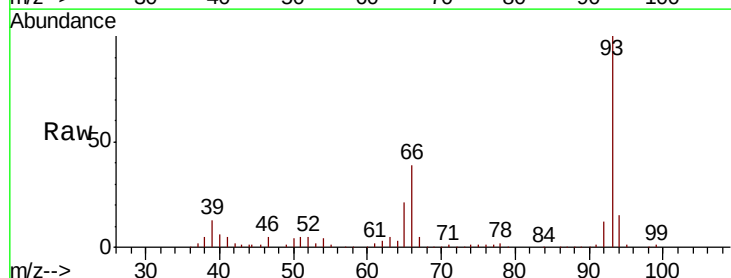
Tgt Ion: 93 Resp: 494694

Ion Ratio Lower Upper

93 100

66 38.9 30.4 45.6

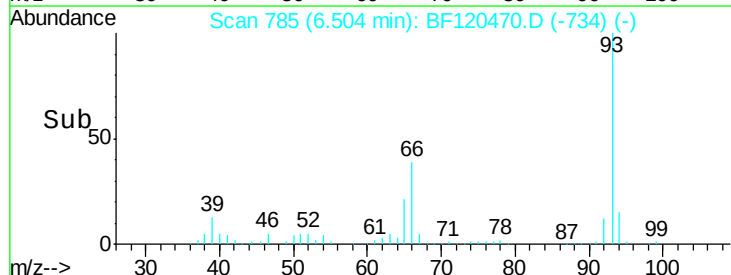
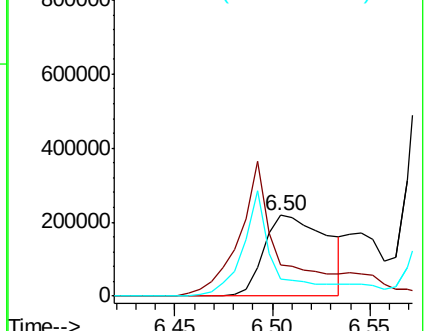
65 20.7 16.3 24.5

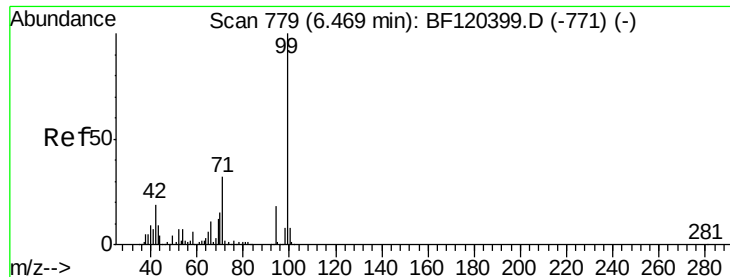


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 99.087 ng

RT: 6.48 min Scan# 781

Delta R.T. 0.01 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MSD

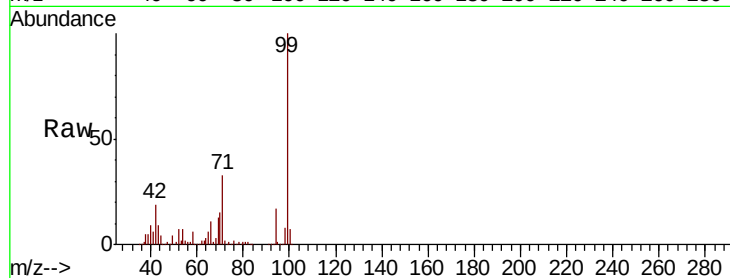
Tot Ion: 99 Resp: 1471954

Ion Ratio Lower Upper

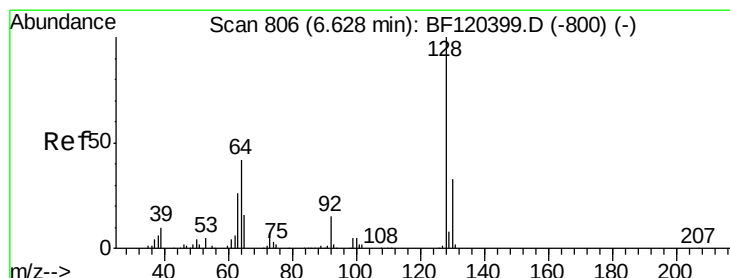
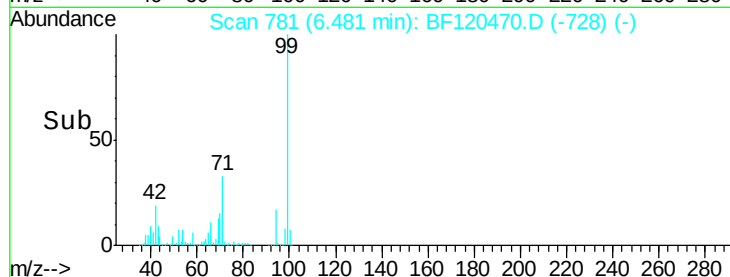
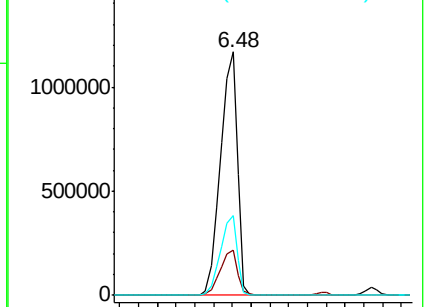
99 100

42 18.6 15.2 22.8

71 32.6 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: 51.206 ng

RT: 6.63 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

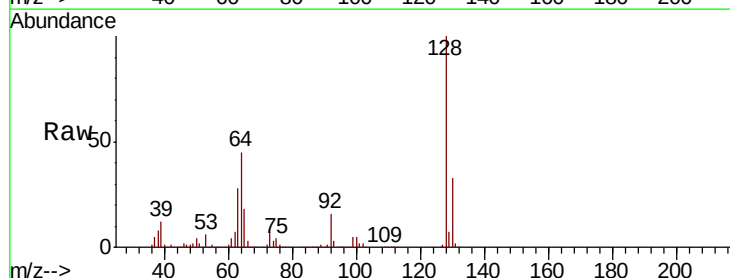
Tgt Ion: 128 Resp: 695872

Ion Ratio Lower Upper

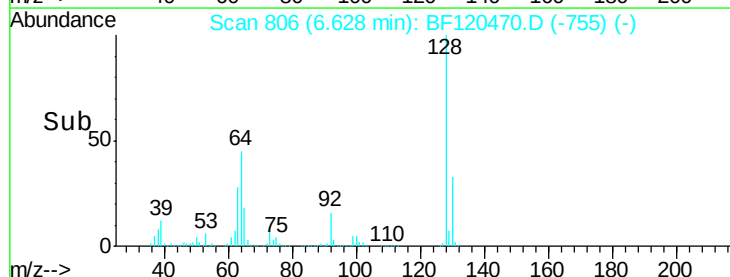
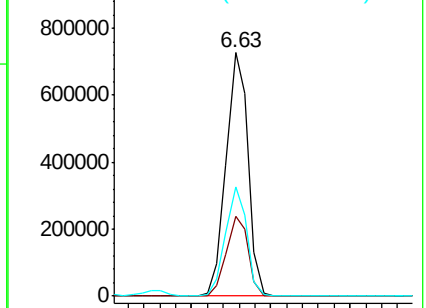
128 100

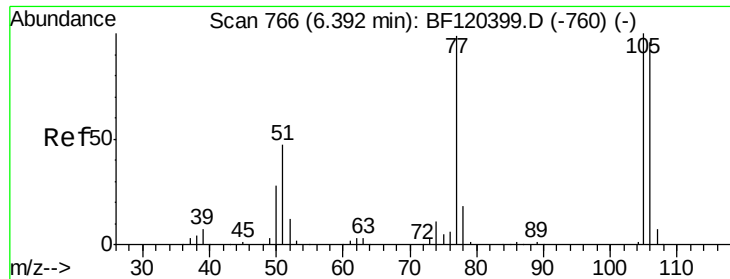
130 32.8 12.9 52.9

64 45.1 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: 41.959 ng

RT: 6.39 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MSD

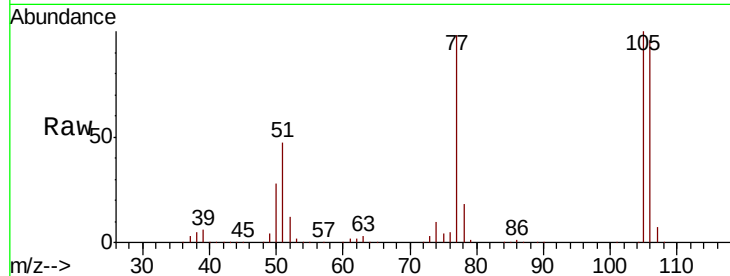
Tot Ion: 77 Resp: 379890

Ion Ratio Lower Upper

77 100

105 101.9 81.5 121.5

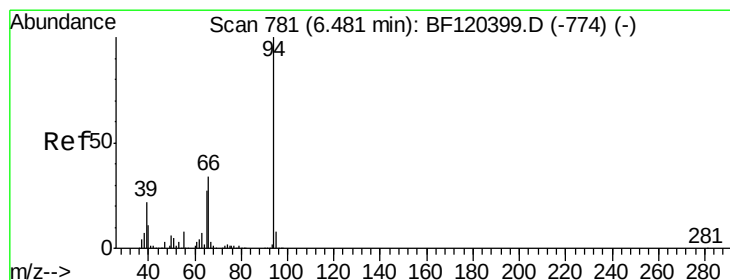
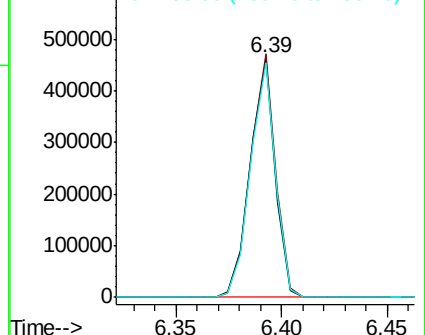
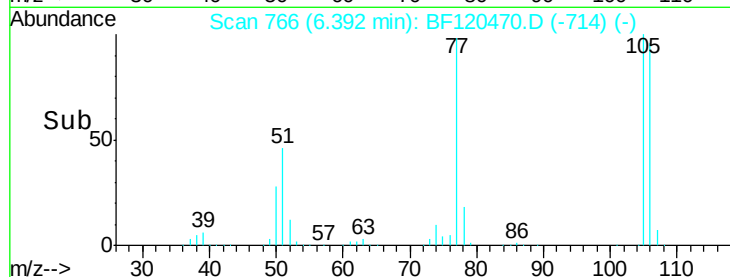
106 98.1 77.4 117.4



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: 50.765 ng

RT: 6.49 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

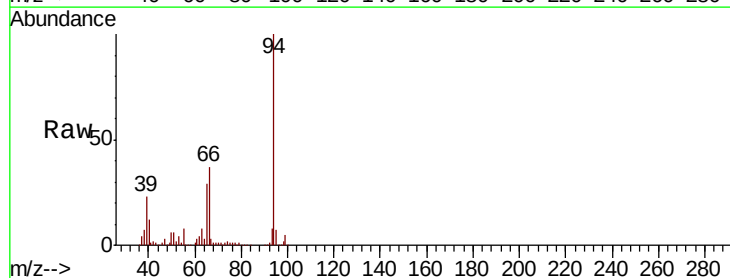
Tgt Ion: 94 Resp: 824677

Ion Ratio Lower Upper

94 100

65 28.7 6.8 46.8

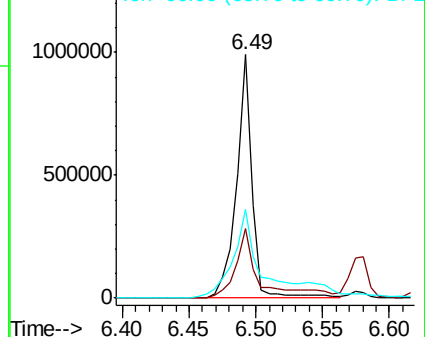
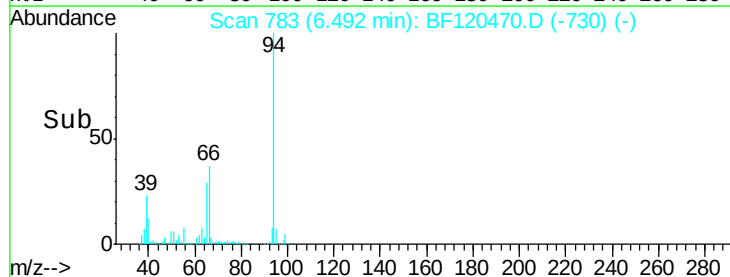
66 36.6 13.9 53.9

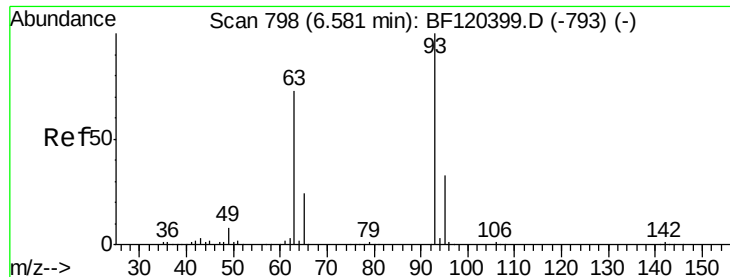


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

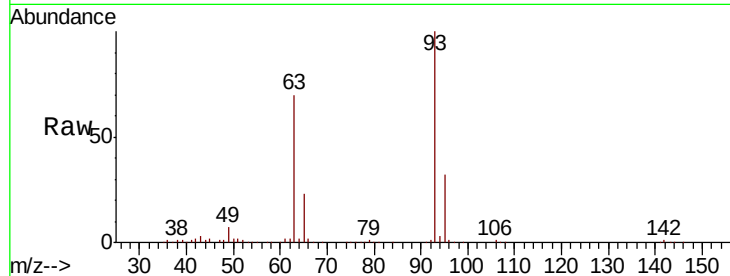




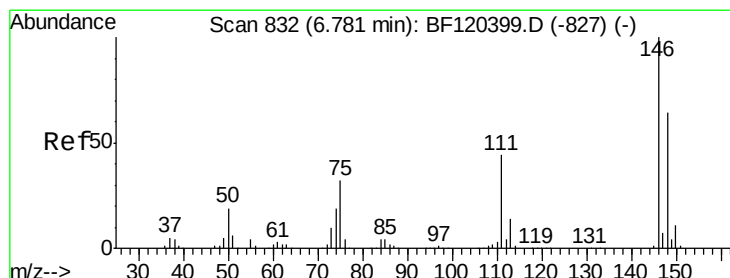
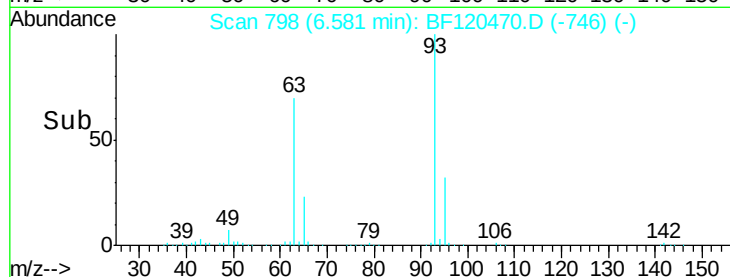
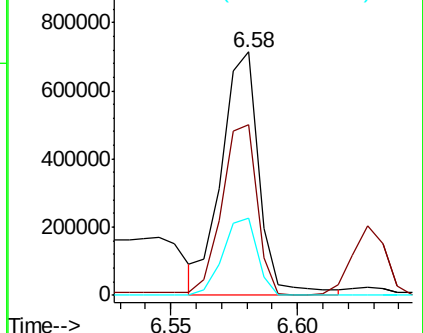
#11
bis(2-Chloroethyl)ether
Concen: 54.274 ng
RT: 6.58 min Scan# 798
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

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

Tot Ion: 93 Resp: 736762
Ion Ratio Lower Upper
93 100
63 69.9 52.8 92.8
95 31.8 12.6 52.6

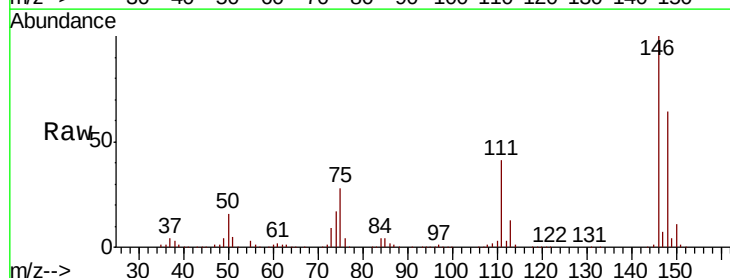


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

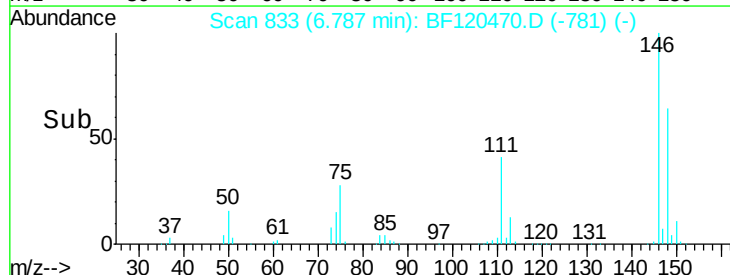
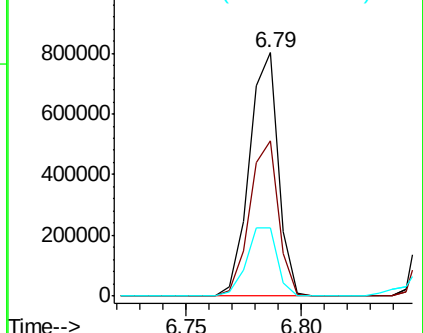


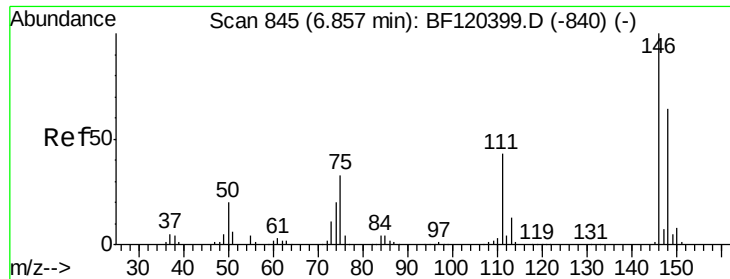
#12
1,3-Dichlorobenzene
Concen: 47.140 ng
RT: 6.79 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion: 146 Resp: 703802
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
75 28.0 25.9 38.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

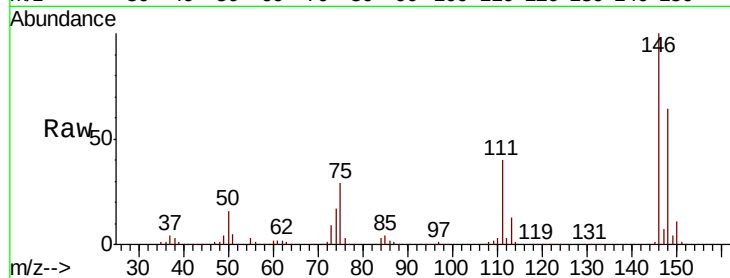




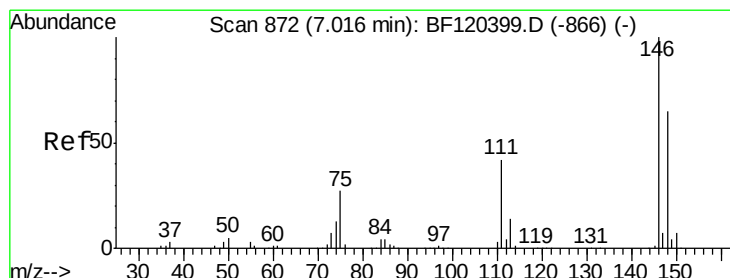
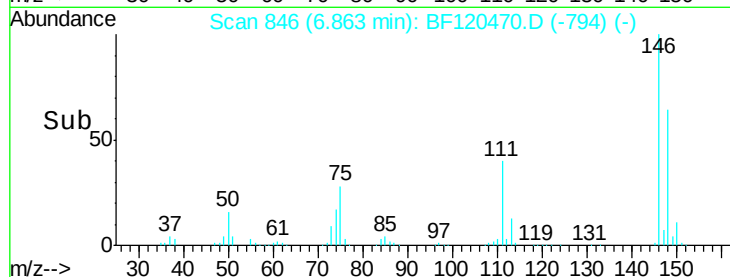
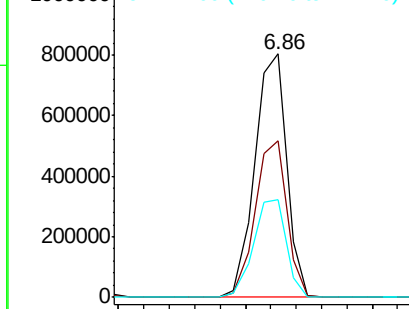
#13
 1,4-Dichlorobenzene
 Concen: 47.575 ng
 RT: 6.86 min Scan# 846
 Delta R.T. 0.01 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

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

Tot Ion:146 Resp: 708676
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.4 77.0
 111 40.2 34.2 51.4

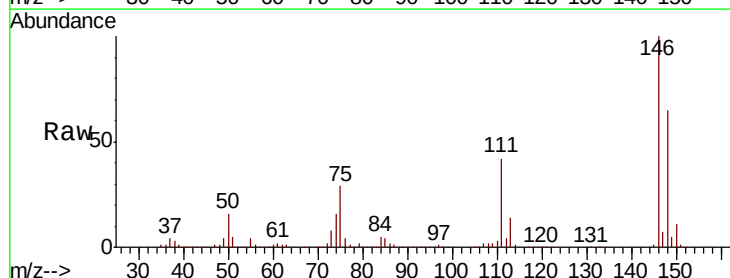


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

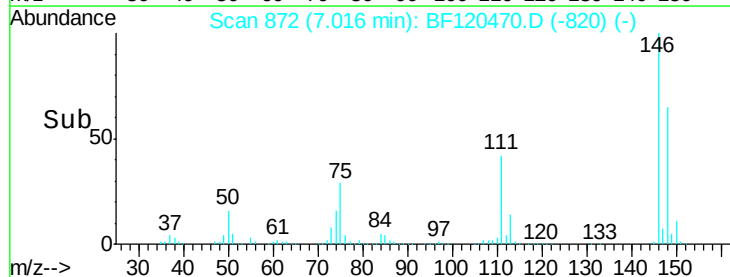
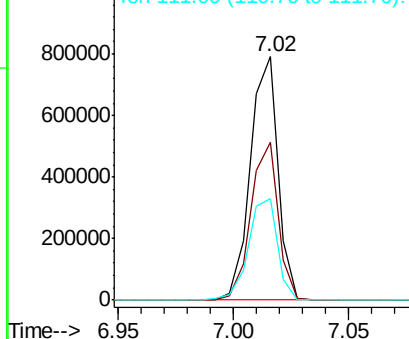


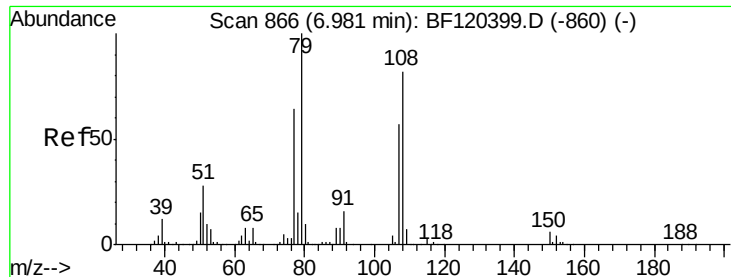
#14
 1,2-Dichlorobenzene
 Concen: 48.171 ng
 RT: 7.02 min Scan# 872
 Delta R.T. 0.01 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

Tgt Ion:146 Resp: 662760
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.3 78.5
 111 41.9 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: 49.091 ng

RT: 6.99 min Scan# 867

Delta R.T. 0.01 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MSD

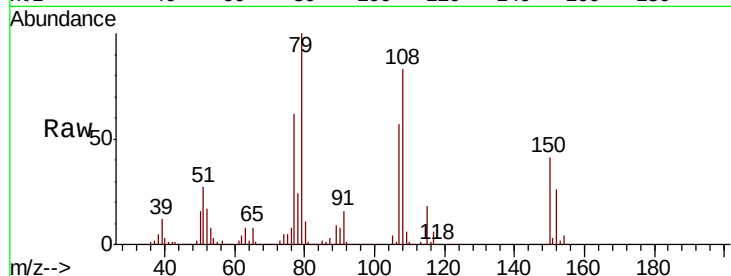
Tot Ion: 79 Resp: 549724

Ion Ratio Lower Upper

79 100

108 83.0 65.8 98.8

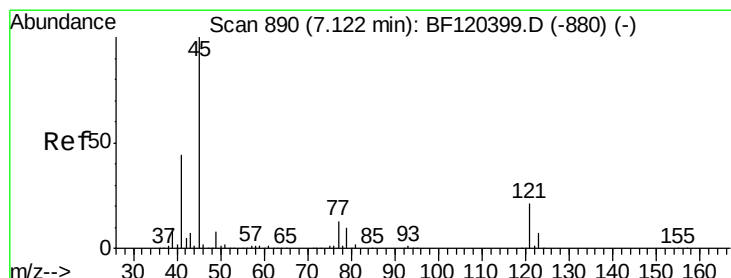
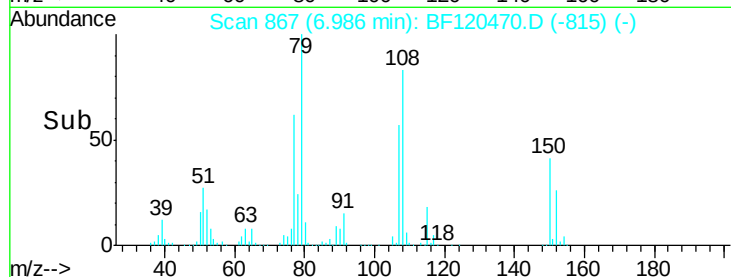
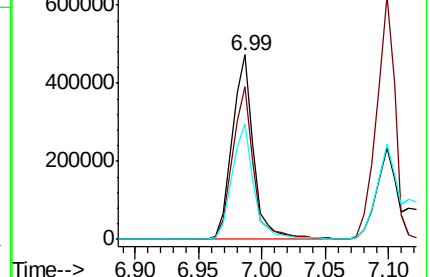
77 62.5 51.5 77.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.422 ng

RT: 7.12 min Scan# 889

Delta R.T. 0.00 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

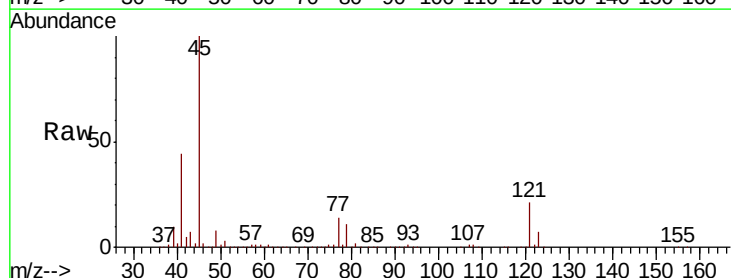
Tgt Ion: 45 Resp: 950681

Ion Ratio Lower Upper

45 100

77 14.1 0.0 33.5

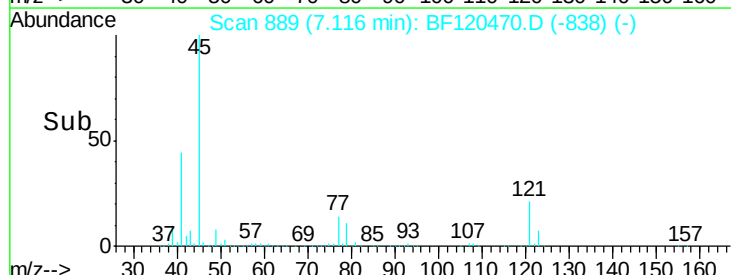
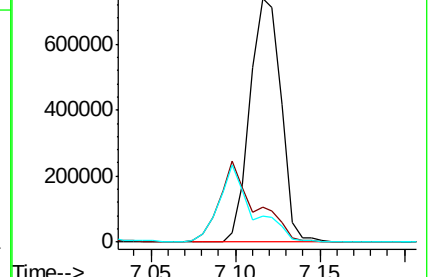
79 10.8 0.0 30.3

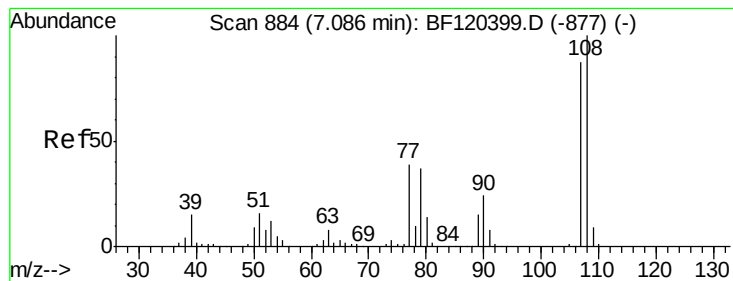


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

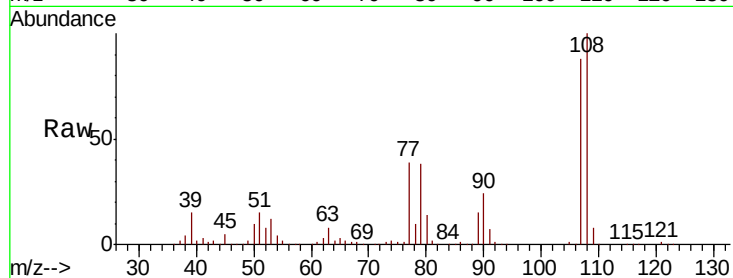




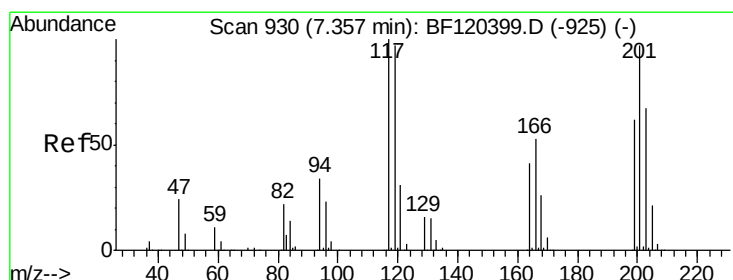
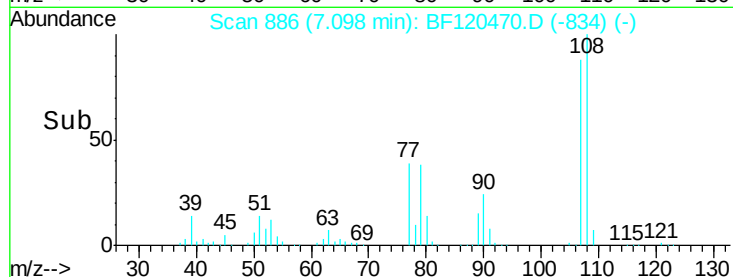
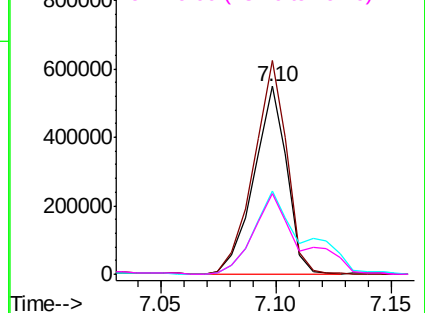
#17
2-Methylphenol
Concen: 44.528 ng
RT: 7.10 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

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

Tot Ion:107 Resp: 541102
Ion Ratio Lower Upper
107 100
108 113.8 92.3 138.5
77 44.5 35.7 53.5
79 42.9 34.1 51.1

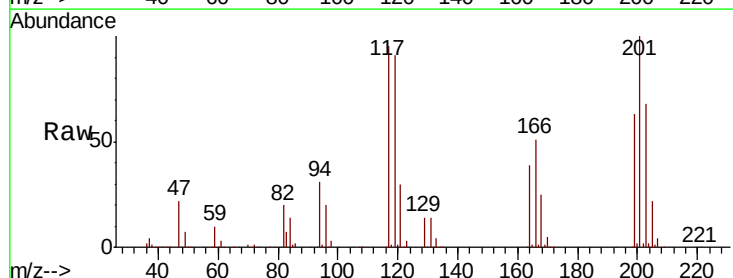


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

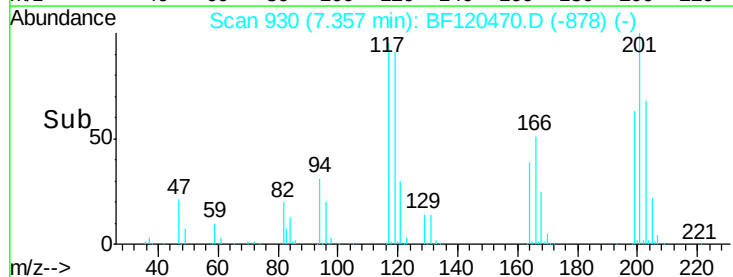
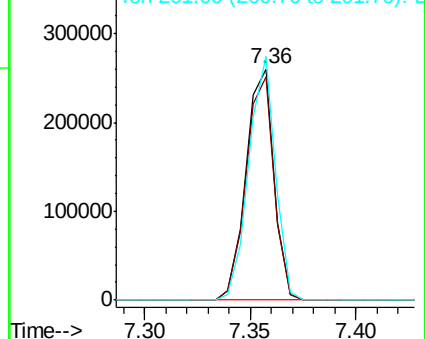


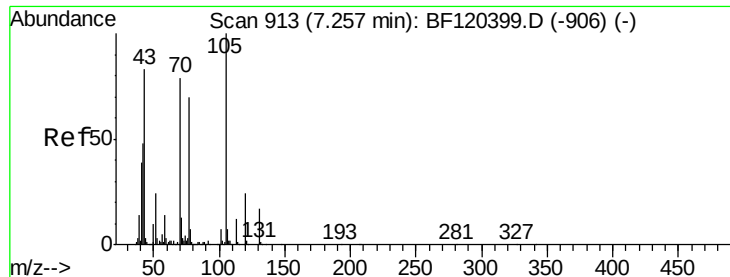
#18
Hexachloroethane
Concen: 43.798 ng
RT: 7.36 min Scan# 930
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion:117 Resp: 238816
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.2
201 105.3 77.7 116.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

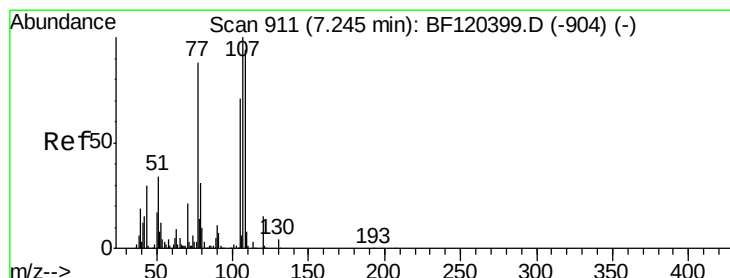
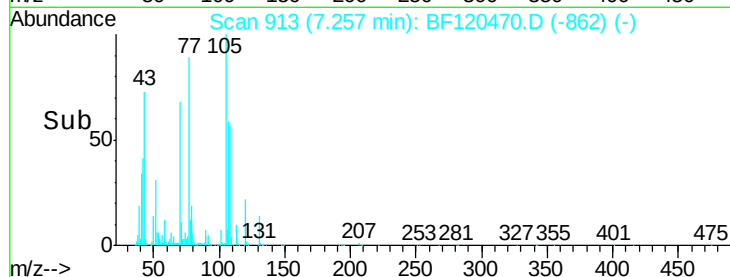
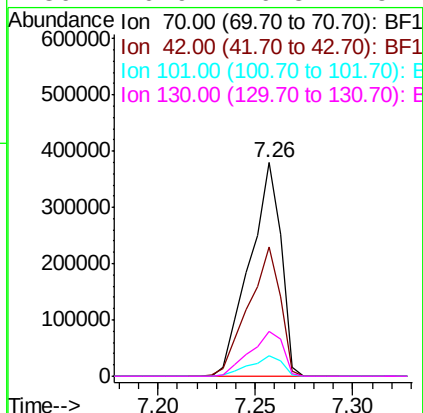
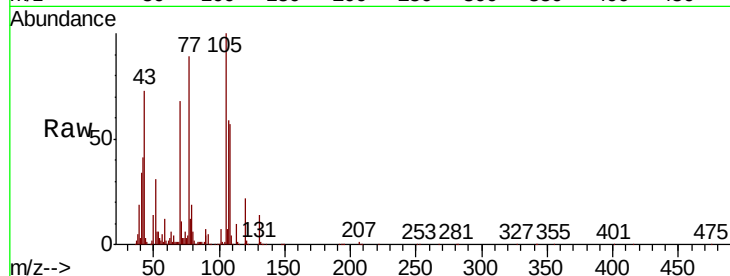




#19
n-Nitroso-di-n-propylamine
Concen: 44.999 ng
RT: 7.26 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

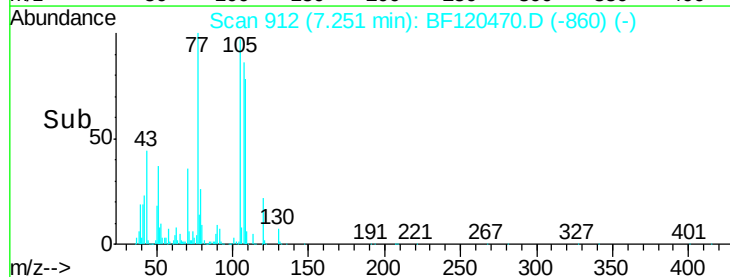
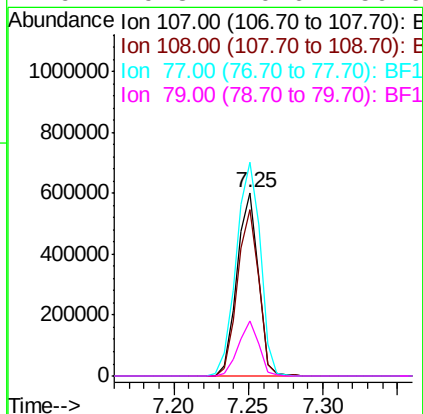
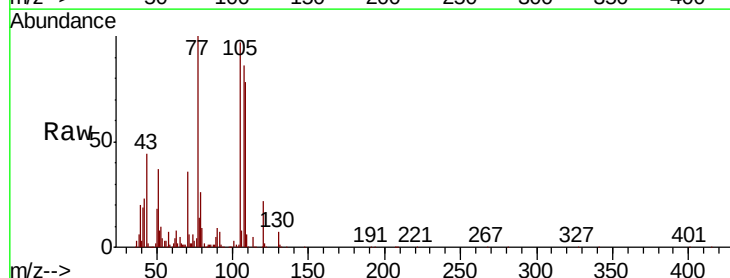
Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MSD

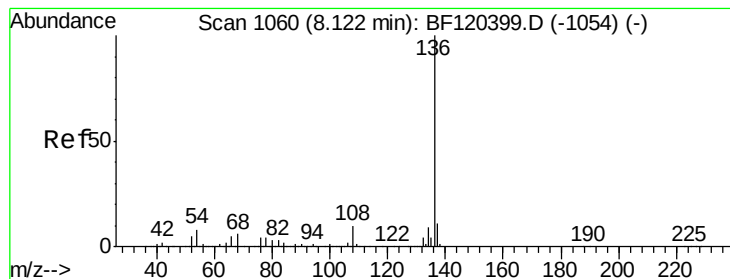
Tot Ion:	70	Resp:	424926
Ion	Ratio	Lower	Upper
70	100		
42	60.6	48.9	73.3
101	9.7	7.4	11.2
130	20.9	16.8	25.2



#20
3+4-Methylphenols
Concen: 39.211 ng
RT: 7.25 min Scan# 912
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion:	107	Resp:	601957
Ion	Ratio	Lower	Upper
107	100		
108	90.7	74.4	114.4
77	116.4	67.6	107.6#
79	29.8	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: BF120470.D

Acq: 1 Jun 2020 14:52

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MSD

Tot Ion:136 Resp: 878397

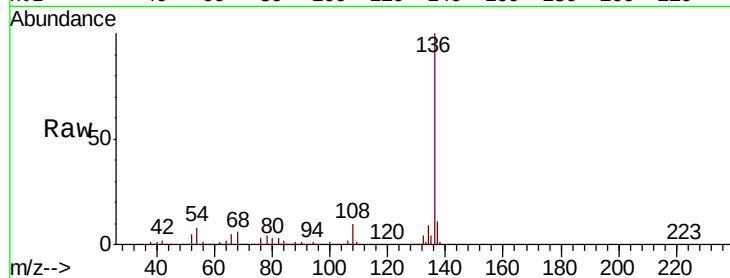
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.9 6.7 10.1

68 6.2 5.0 7.4

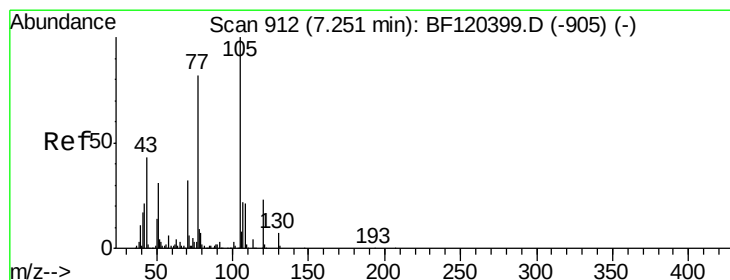
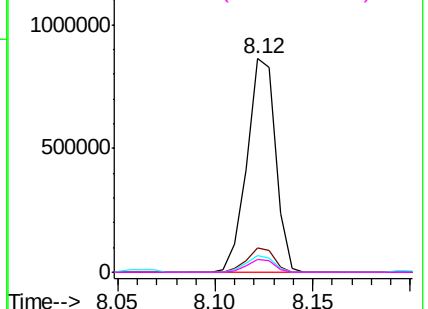
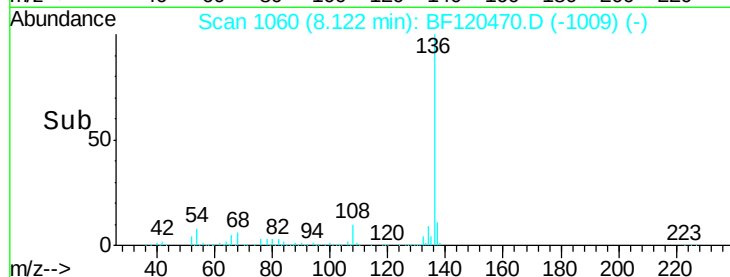


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.738 ng

RT: 7.25 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Tgt Ion:105 Resp: 815956

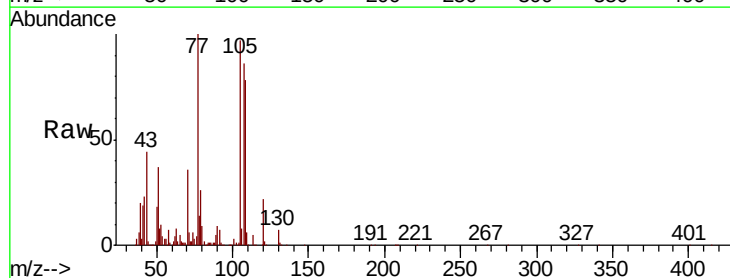
Ion Ratio Lower Upper

105 100

71 6.2 4.4 6.6

51 38.2 24.5 36.7#

120 22.3 18.2 27.2

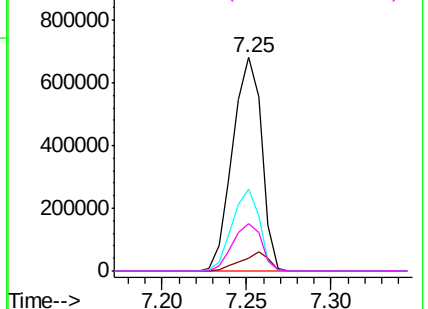
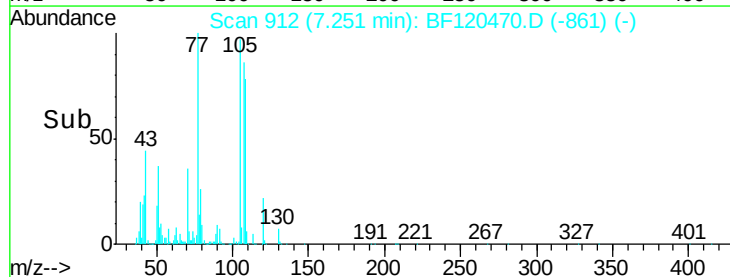


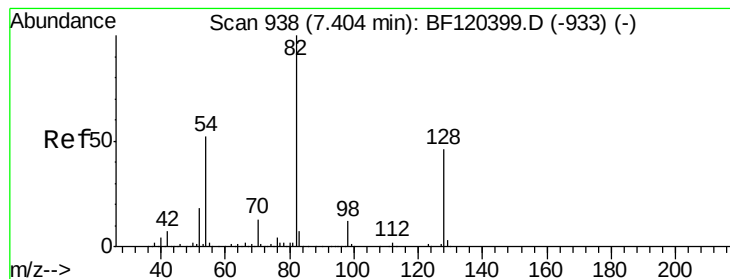
Abundance Ion 105.00 (104.70 to 105.70): E

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: 70.966 ng

RT: 7.40 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MSD

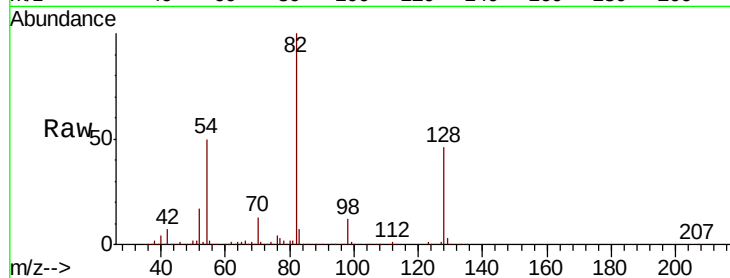
Tot Ion: 82 Resp: 952964

Ion Ratio Lower Upper

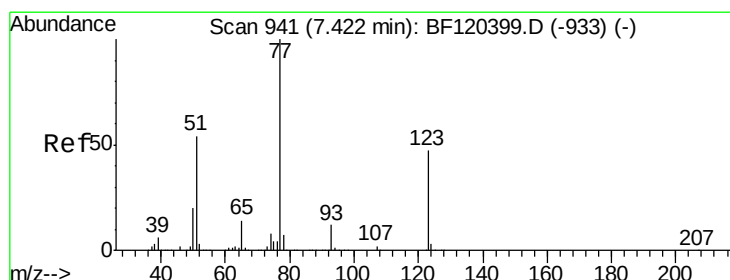
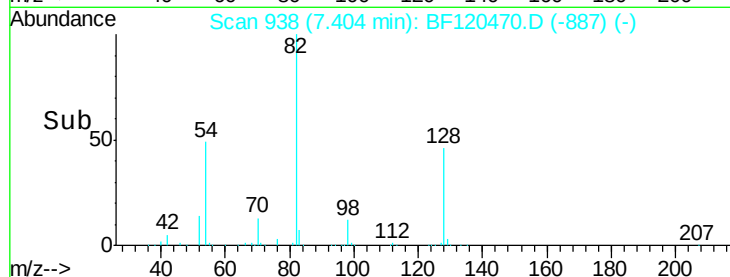
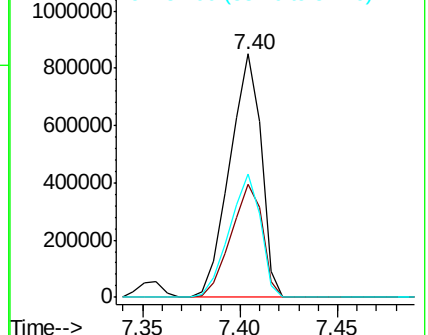
82 100

128 46.2 36.8 55.2

54 50.4 41.6 62.4



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 47.208 ng

RT: 7.42 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

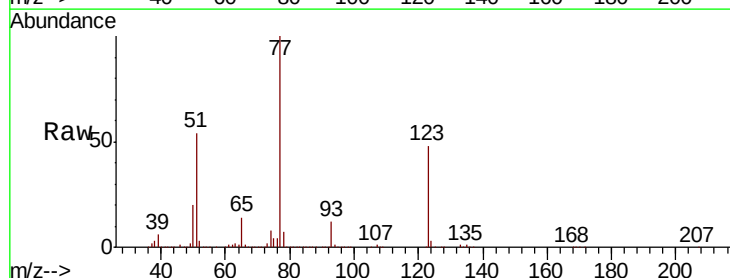
Tgt Ion: 77 Resp: 682877

Ion Ratio Lower Upper

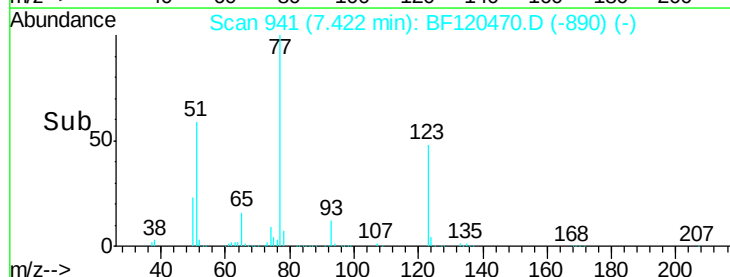
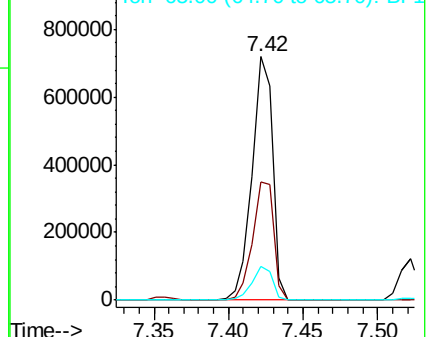
77 100

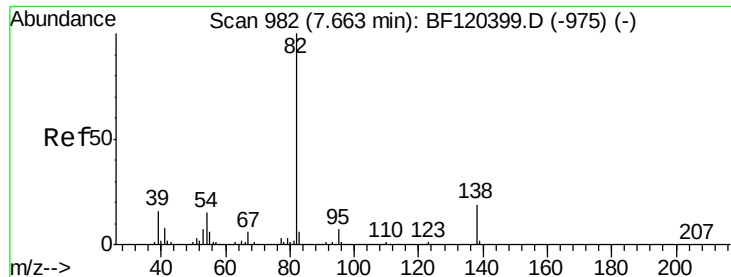
123 48.3 37.8 56.6

65 13.8 11.3 16.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 45.611 ng

RT: 7.67 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MSD

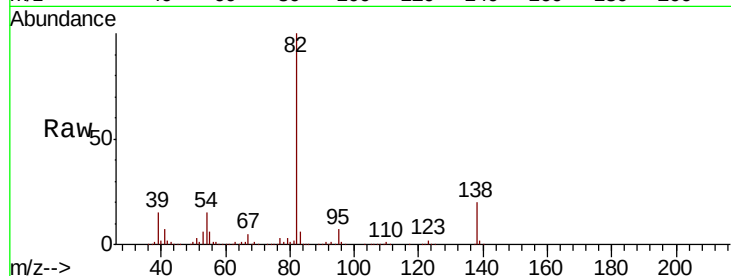
Tot Ion: 82 Resp: 1231001

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

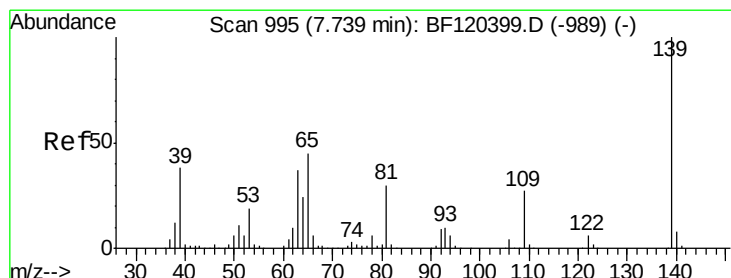
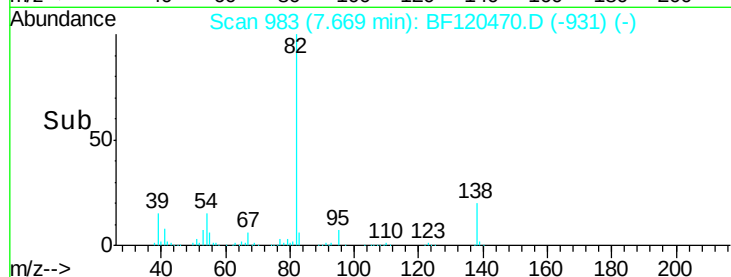
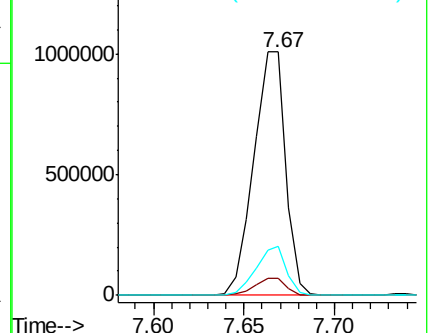
138 20.1 15.0 22.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 54.848 ng

RT: 7.74 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

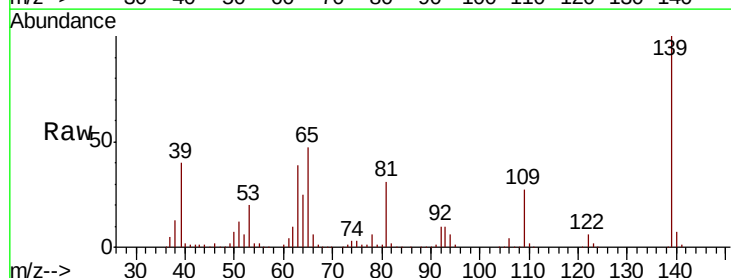
Tgt Ion: 139 Resp: 357713

Ion Ratio Lower Upper

139 100

109 27.0 21.2 31.8

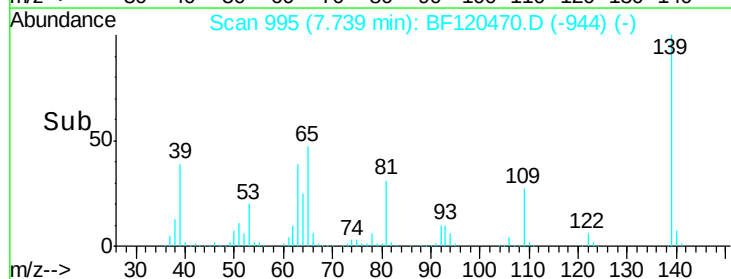
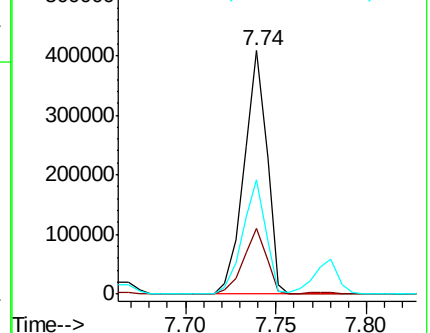
65 46.9 35.8 53.6

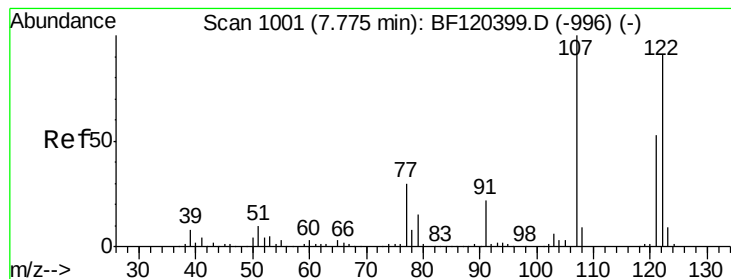


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 51.748 ng

RT: 7.78 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MSD

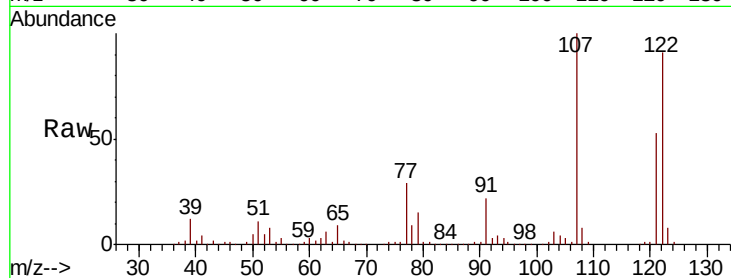
Tot Ion:122 Resp: 586102

Ion Ratio Lower Upper

122 100

107 109.6 87.3 130.9

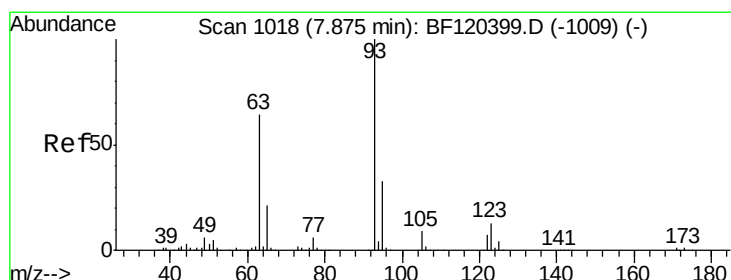
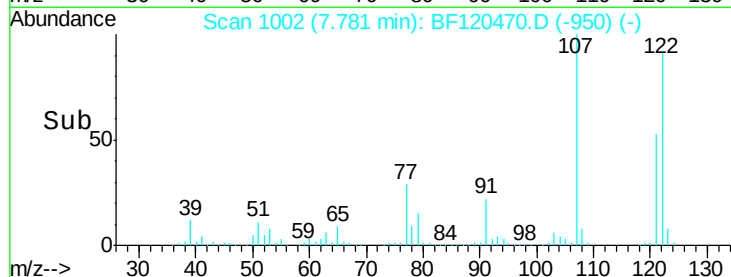
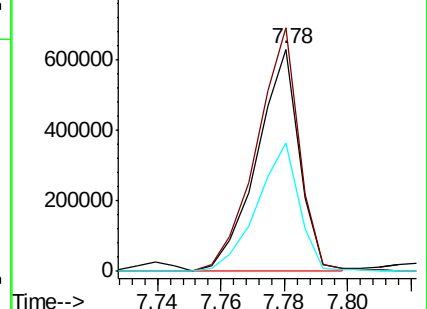
121 57.8 46.2 69.2



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: 47.887 ng

RT: 7.87 min Scan# 1018

Delta R.T. 0.01 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

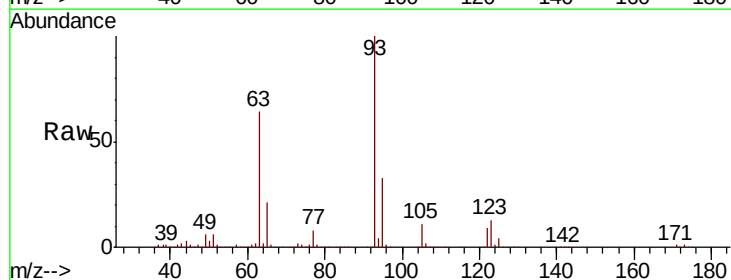
Tgt Ion: 93 Resp: 778322

Ion Ratio Lower Upper

93 100

95 33.4 26.6 39.8

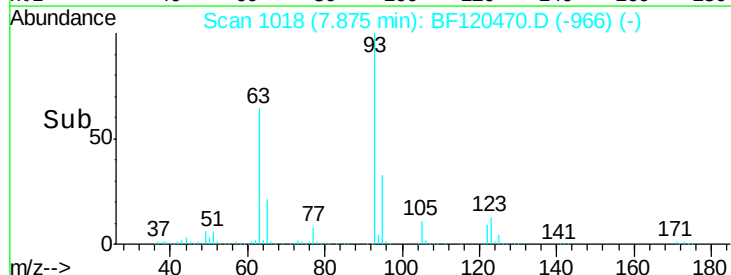
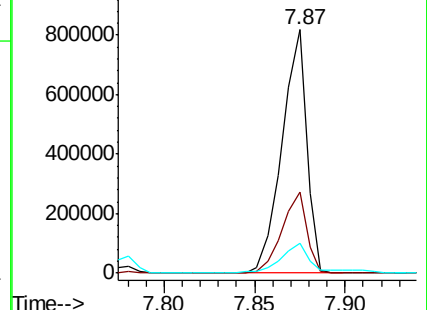
123 12.5 10.3 15.5

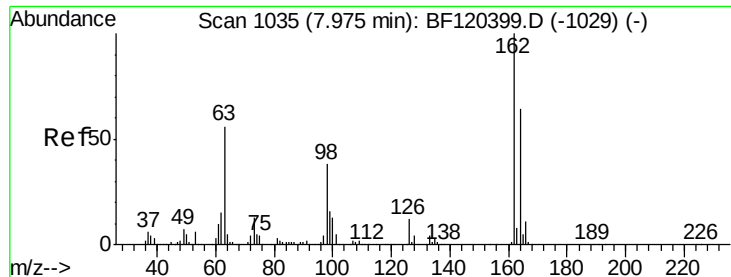


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

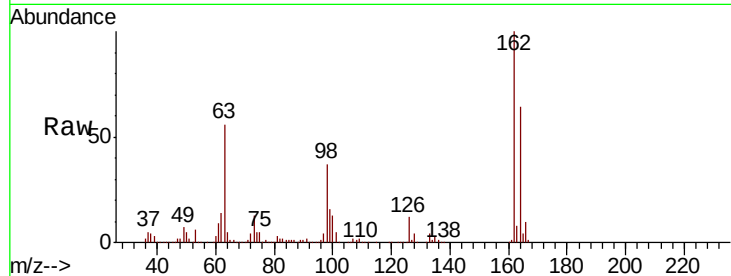




#29
2,4-Dichlorophenol
Concen: 48.426 ng
RT: 7.98 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.9	83.9
98	37.4	17.8	57.8

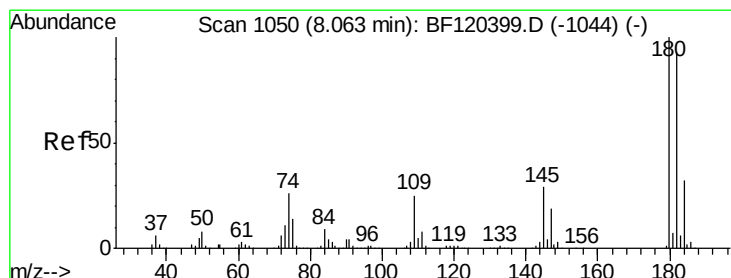
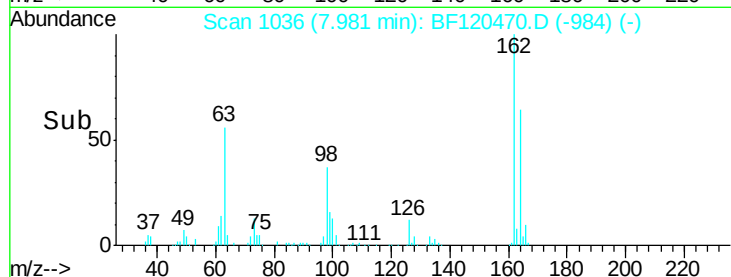
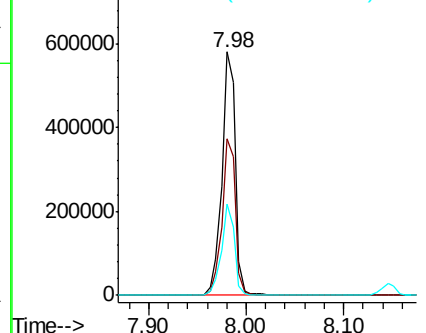


Abundance

Ion 162.00 (161.70 to 162.70): E

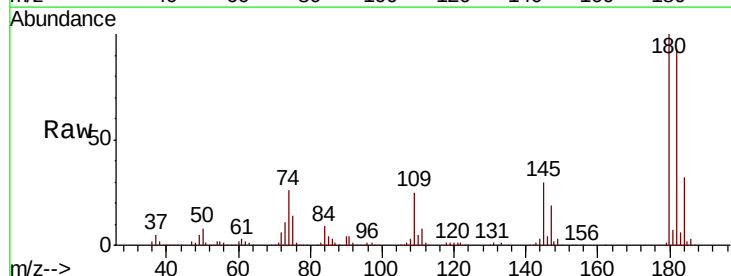
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 47.320 ng
RT: 8.06 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	74.6	111.8
145	30.3	23.4	35.2

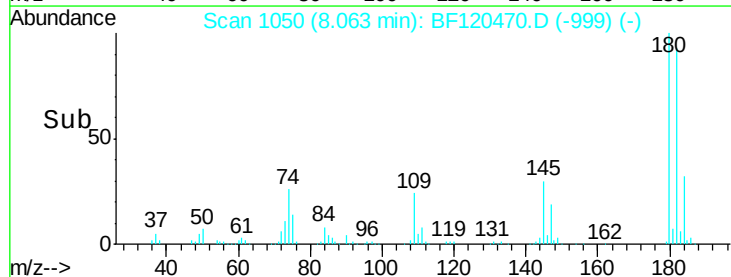
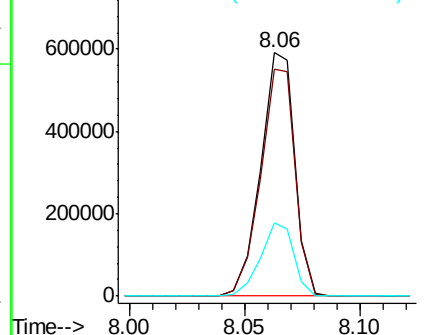


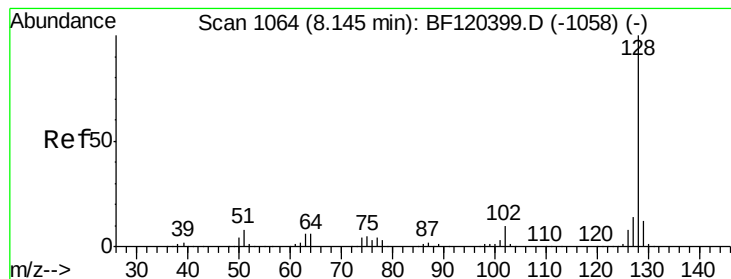
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 47.912 ng

RT: 8.15 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MSD

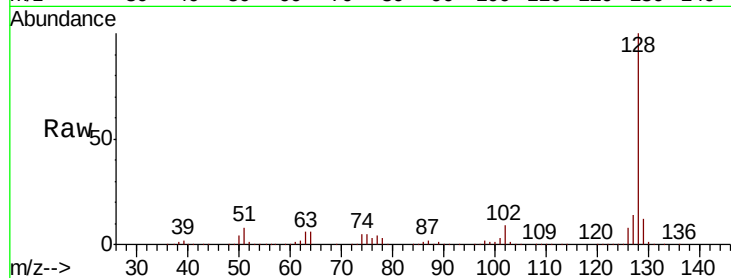
Tot Ion:128 Resp: 1848314

Ion Ratio Lower Upper

128 100

129 11.7 9.7 14.5

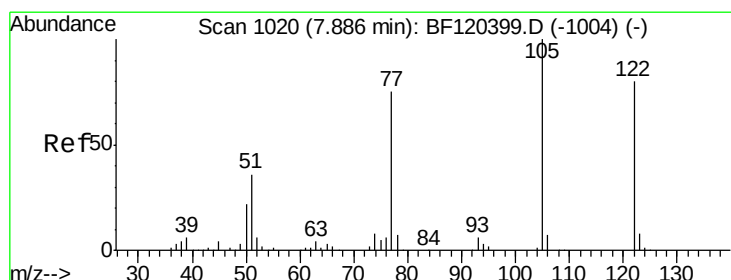
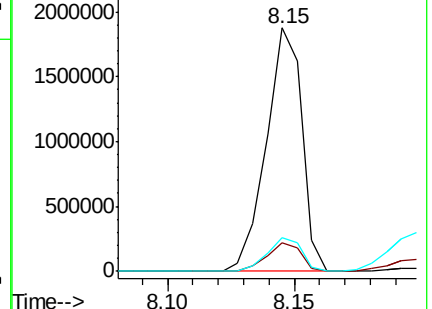
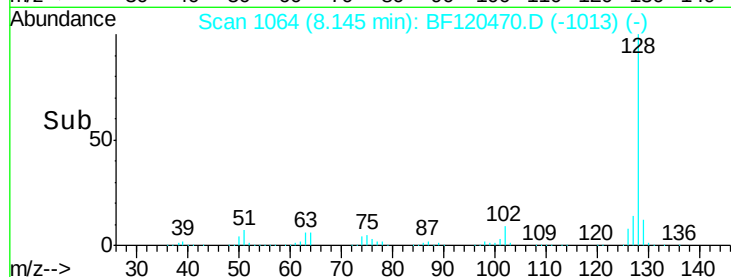
127 13.9 11.0 16.6



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



#32

Benzoic acid

Concen: 55.189 ng

RT: 7.91 min Scan# 1024

Delta R.T. 0.02 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

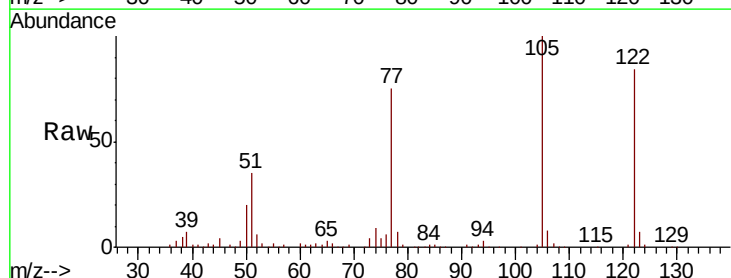
Tgt Ion:122 Resp: 463859

Ion Ratio Lower Upper

122 100

105 119.1 101.1 141.1

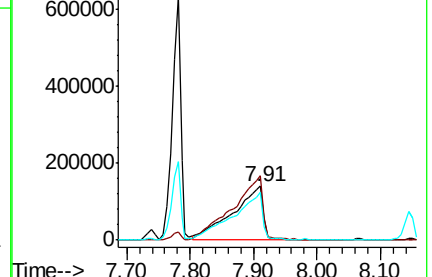
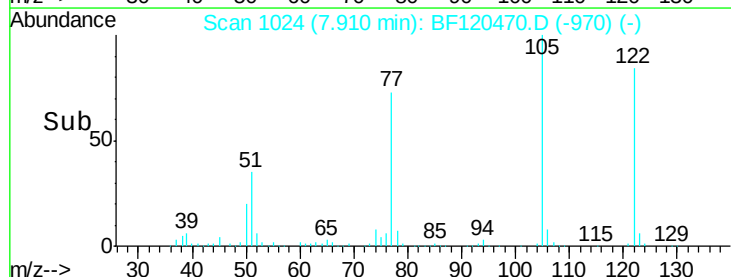
77 88.9 71.9 111.9

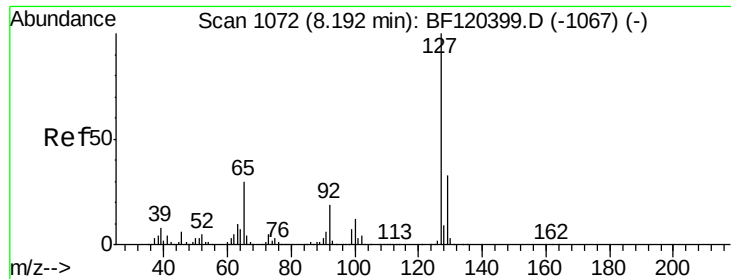


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

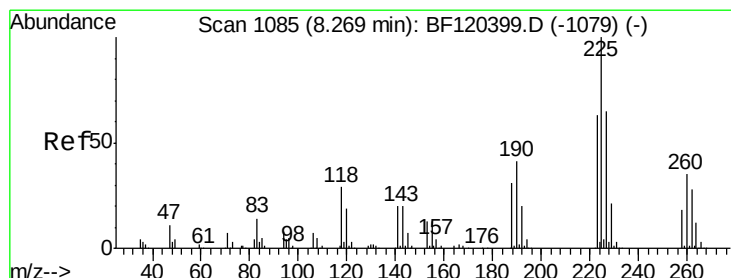
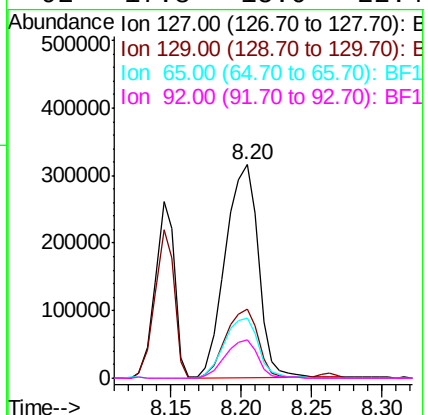
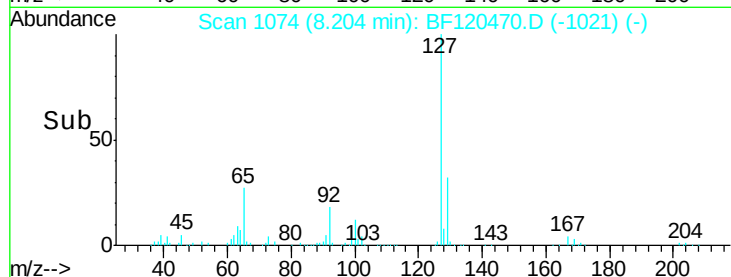
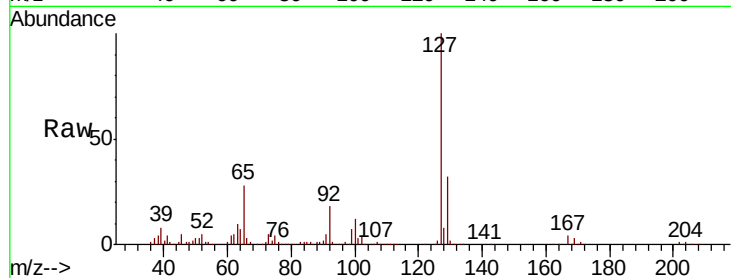




#33
4-Chloroaniline
Concen: 30.116 ng
RT: 8.20 min Scan# 1074
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

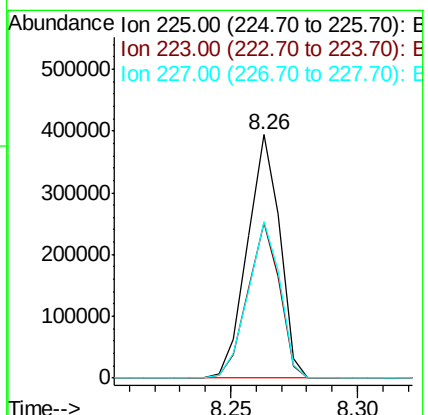
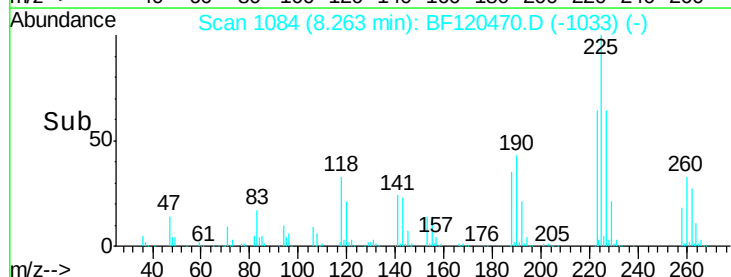
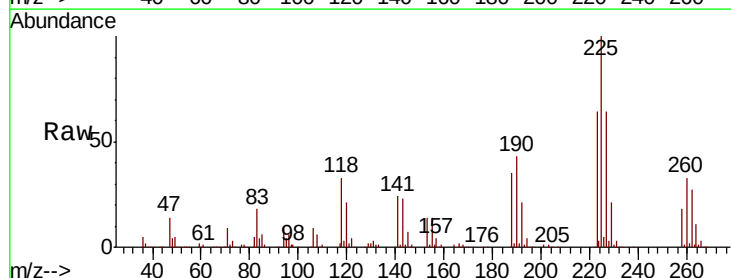
Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MSD

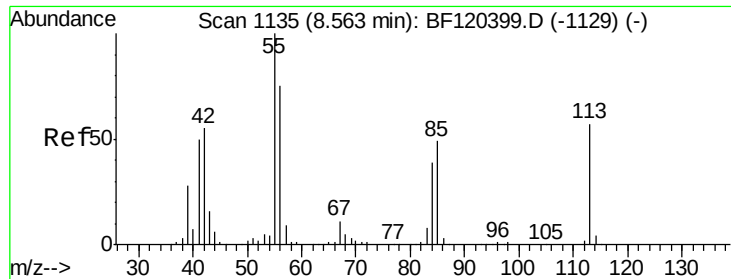
Tot Ion:	127	Resp:	514895
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.8	40.2
65	28.3	23.7	35.5
92	17.8	15.0	22.4



#34
Hexachlorobutadiene
Concen: 45.976 ng
RT: 8.26 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion:	225	Resp:	349868
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.2	75.2
227	64.3	52.1	78.1

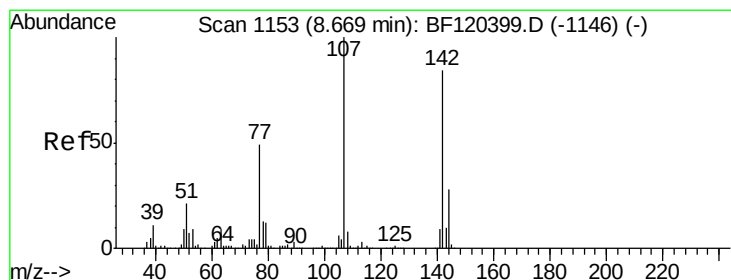
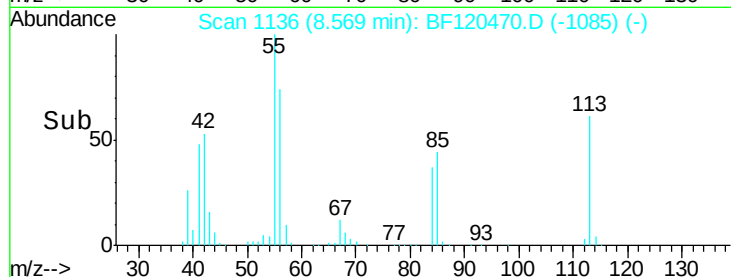
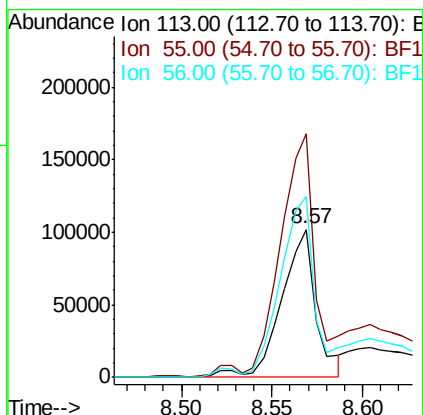
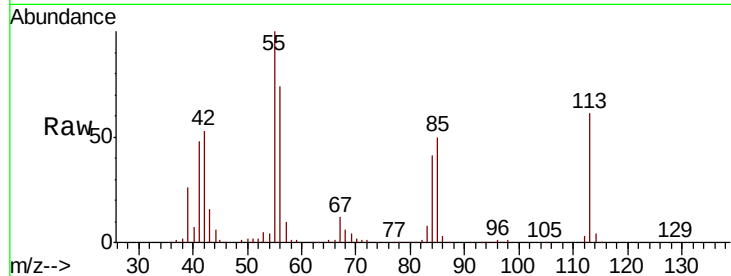




#35
 Caprolactam
 Concen: 36.487 ng
 RT: 8.57 min Scan# 1136
 Delta R.T. 0.00 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

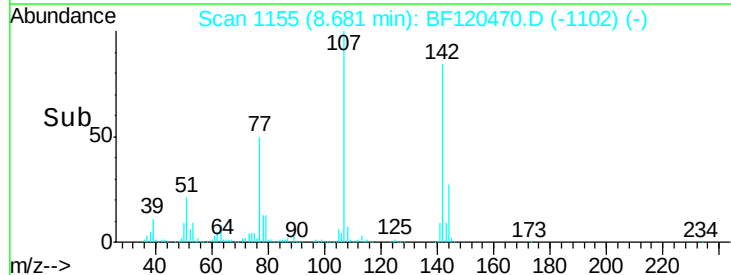
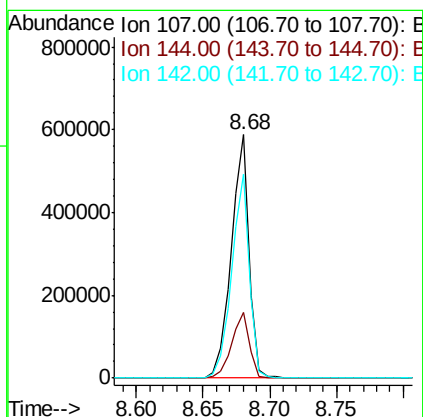
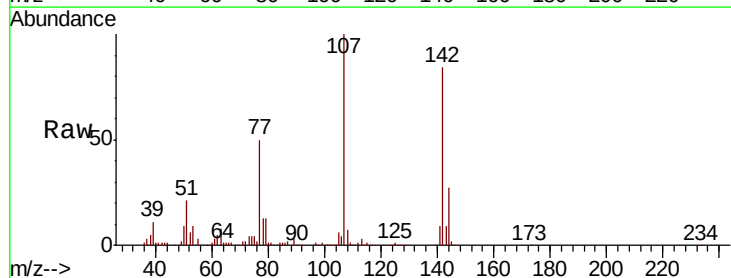
Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6MSD

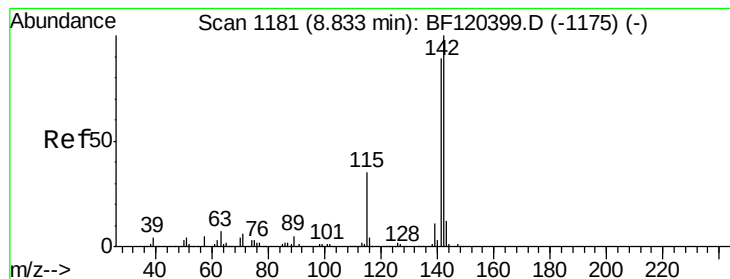
Tot Ion:113 Resp: 135180
 Ion Ratio Lower Upper
 113 100
 55 164.3 154.9 194.9
 56 122.1 110.9 150.9



#36
 4-Chloro-3-methylphenol
 Concen: 47.810 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. 0.01 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

Tgt Ion:107 Resp: 554911
 Ion Ratio Lower Upper
 107 100
 144 27.1 22.0 33.0
 142 83.7 67.0 100.4





#37

2-Methylnaphthalene

Concen: 48.200 ng

RT: 8.84 min Scan# 1182

Delta R.T. 0.01 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MSD

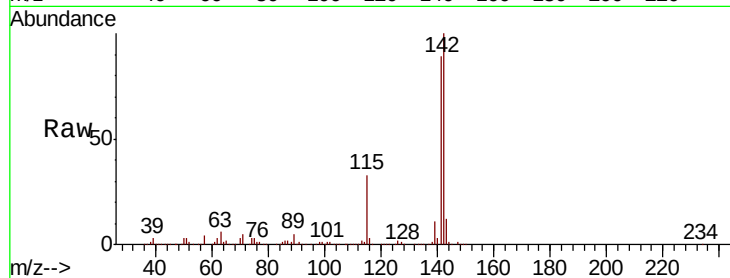
Tot Ion:142 Resp: 1231634

Ion Ratio Lower Upper

142 100

141 88.7 71.4 107.0

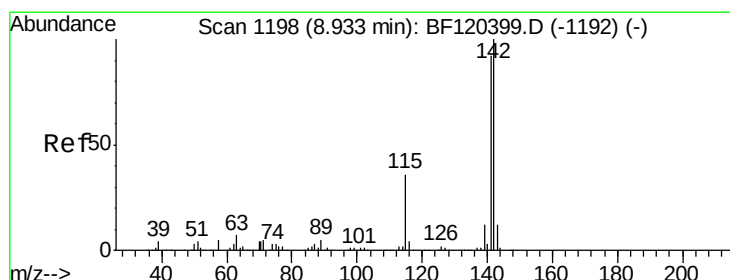
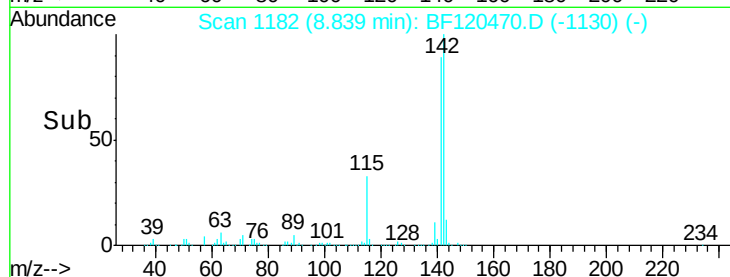
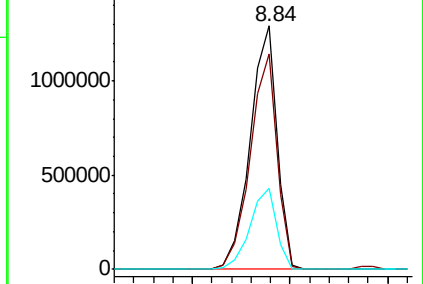
115 33.5 27.8 41.8



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: 48.407 ng

RT: 8.94 min Scan# 1199

Delta R.T. 0.01 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

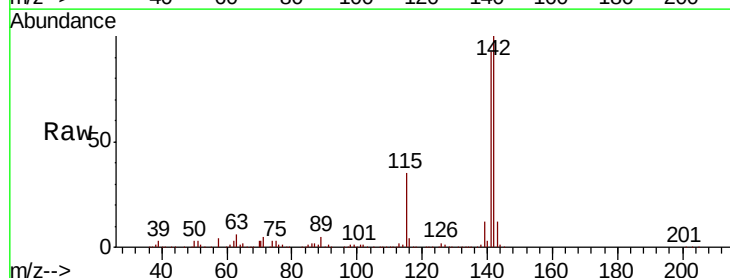
Tgt Ion:142 Resp: 1167552

Ion Ratio Lower Upper

142 100

141 93.1 73.9 110.9

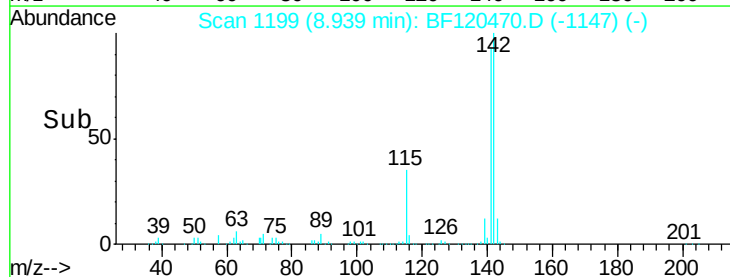
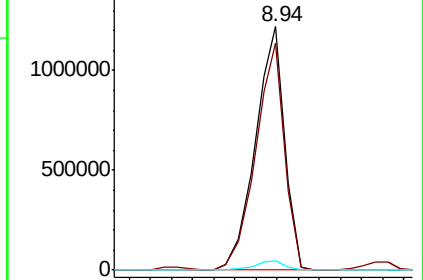
116 3.6 3.1 4.7

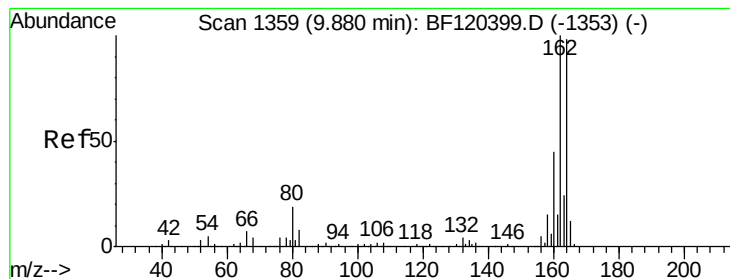


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF120470.D

Acq: 1 Jun 2020 14:52

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MSD

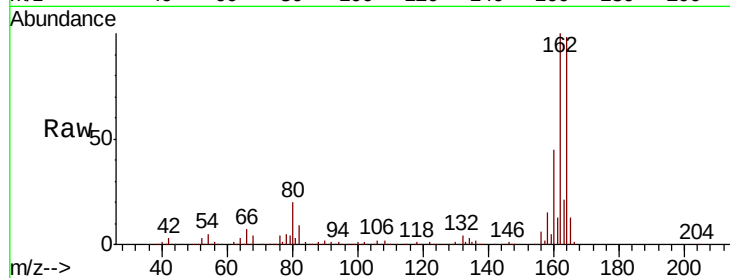
Tot Ion:164 Resp: 429589

Ion Ratio Lower Upper

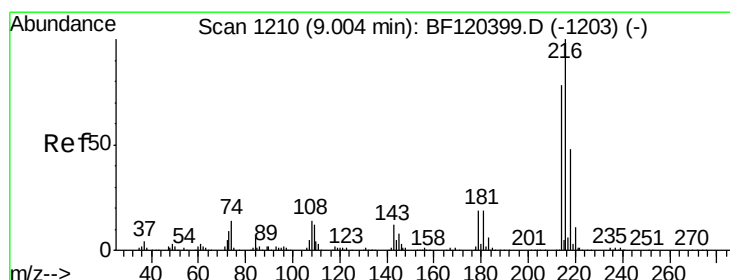
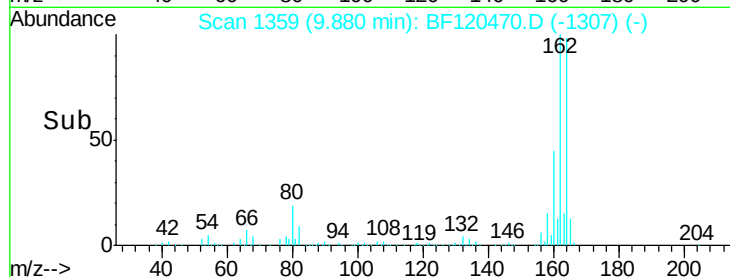
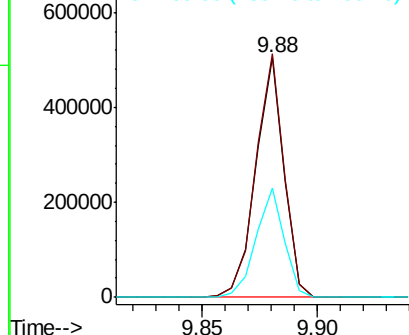
164 100

162 101.6 81.3 121.9

160 45.9 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: 52.880 ng

RT: 9.00 min Scan# 1210

Delta R.T. 0.01 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Tgt Ion:216 Resp: 582559

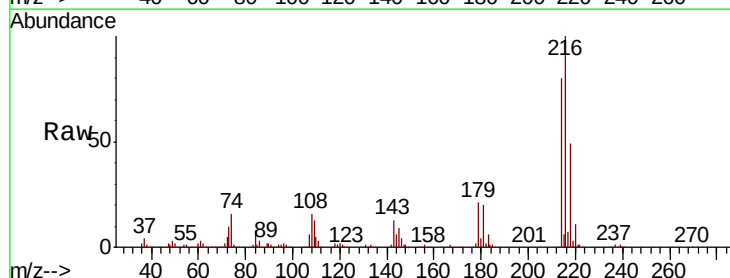
Ion Ratio Lower Upper

216 100

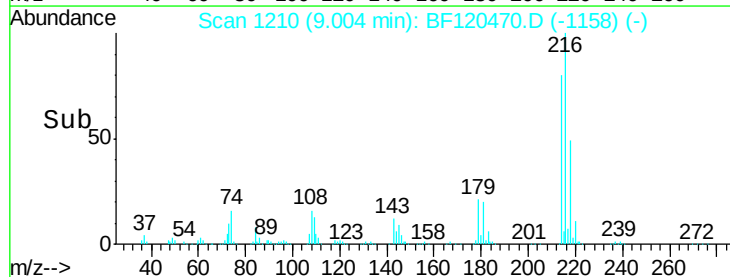
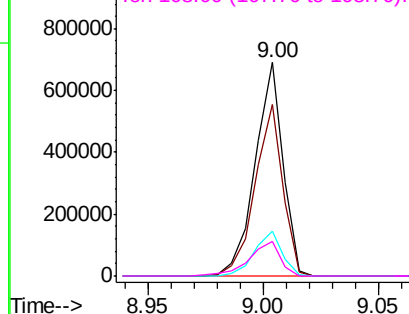
214 80.2 63.6 95.4

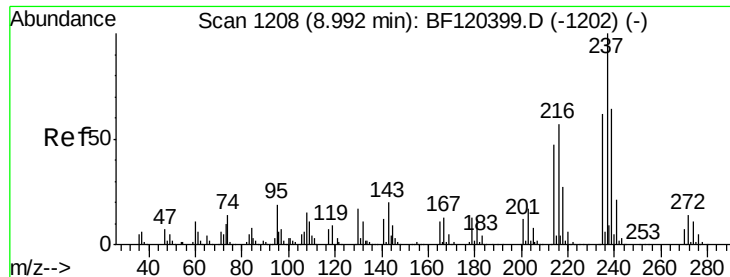
179 20.6 16.5 24.7

108 18.2 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

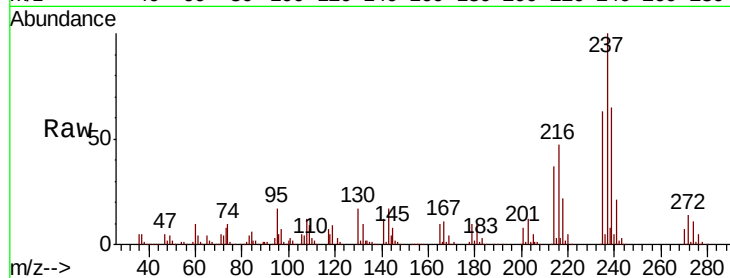




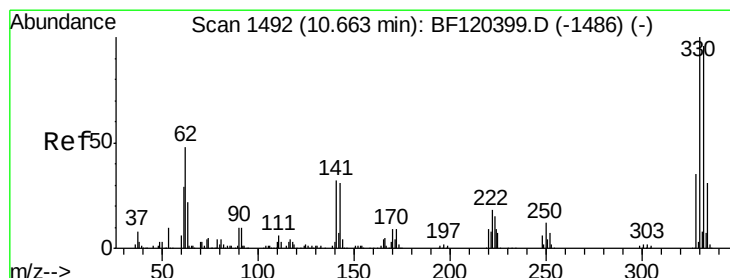
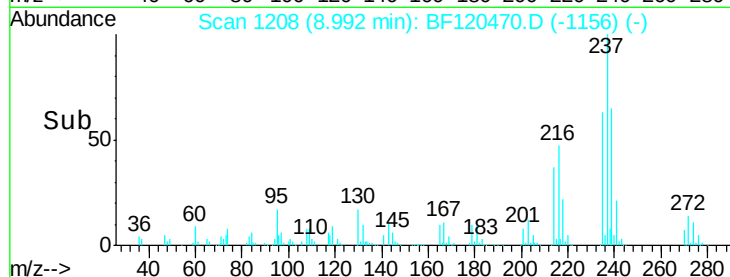
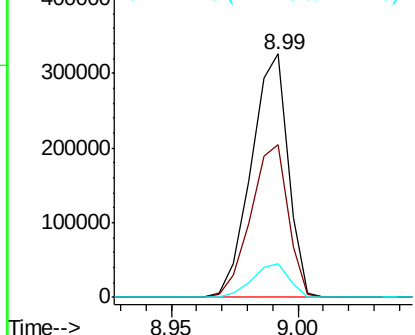
#41
Hexachlorocyclopentadiene
Concen: 53.905 ng
RT: 8.99 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

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

Tot Ion:237 Resp: 331433
Ion Ratio Lower Upper
237 100
235 63.0 42.4 82.4
272 14.0 0.0 33.6

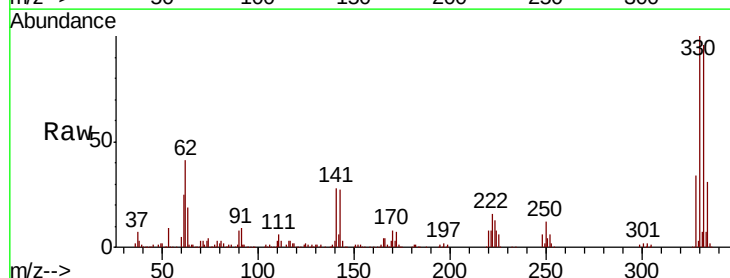


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

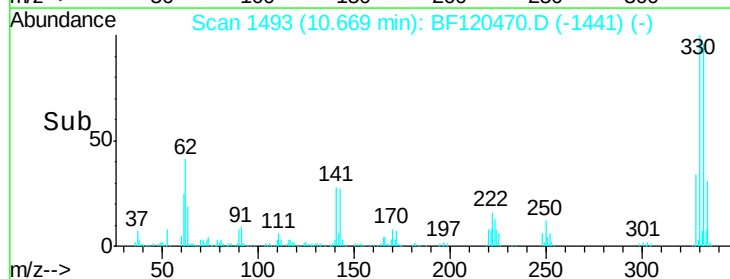
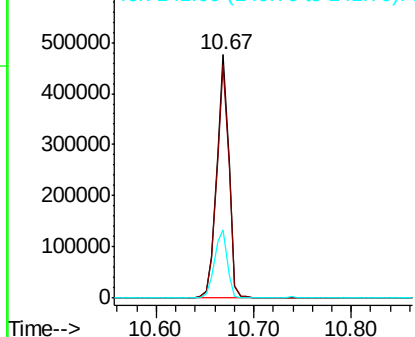


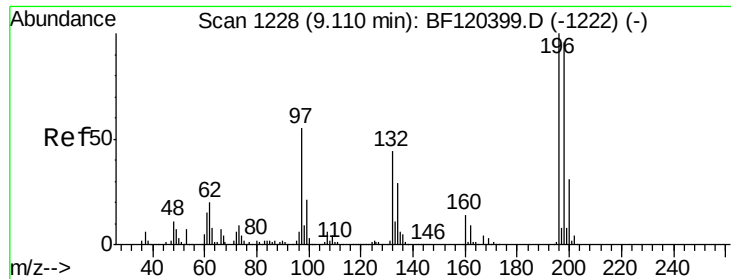
#42
2,4,6-Tribromophenol
Concen: 102.808 ng
RT: 10.67 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion:330 Resp: 409211
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 29.8 25.3 37.9



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

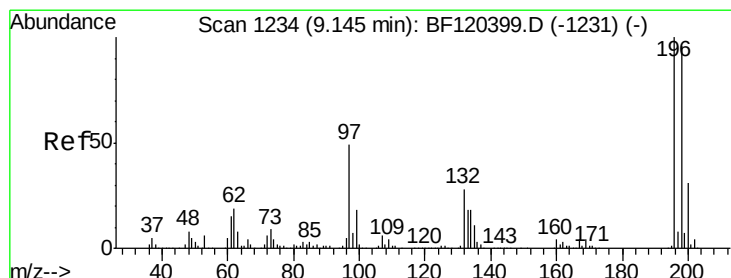
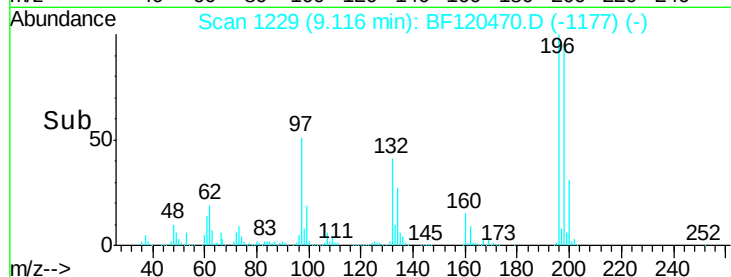
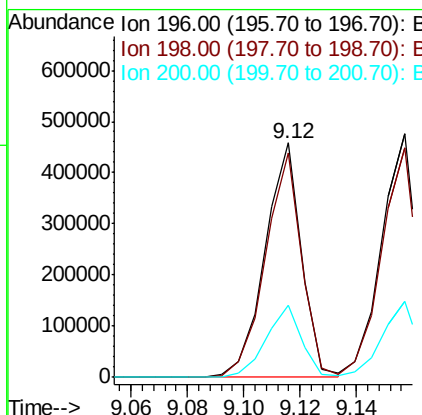
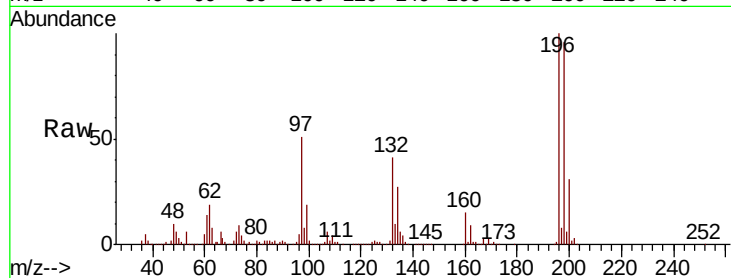




#43
 2,4,6-Trichlorophenol
 Concen: 51.399 ng
 RT: 9.12 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

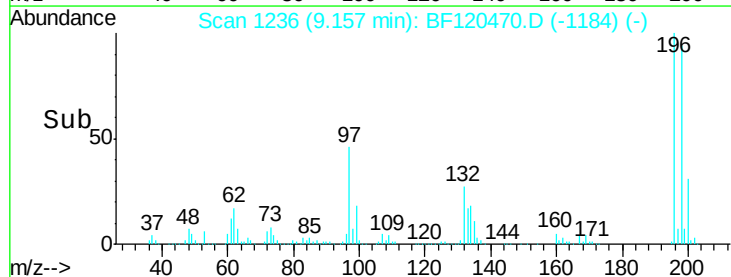
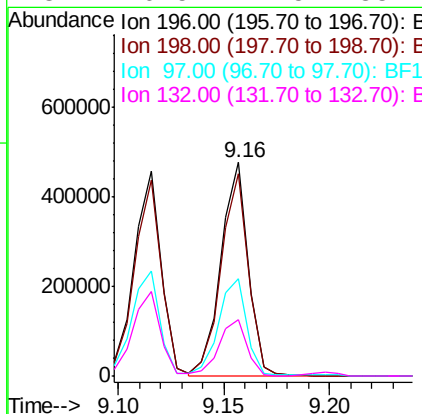
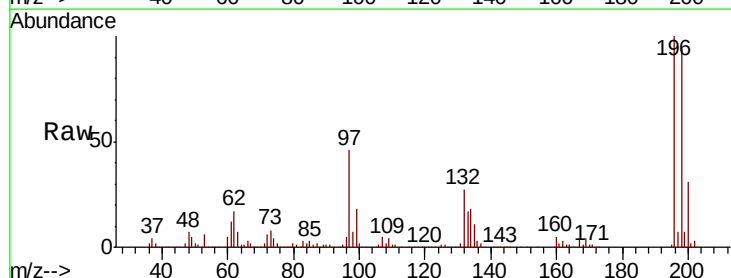
Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6MSD

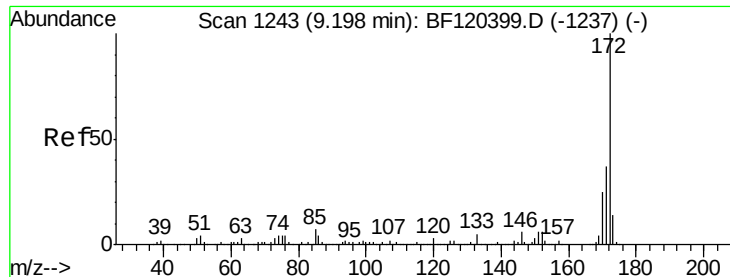
Tot Ion:196 Resp: 409523
 Ion Ratio Lower Upper
 196 100
 198 95.6 77.1 115.7
 200 30.8 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 46.851 ng
 RT: 9.16 min Scan# 1236
 Delta R.T. 0.01 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

Tgt Ion:196 Resp: 423142
 Ion Ratio Lower Upper
 196 100
 198 94.4 76.6 115.0
 97 45.6 39.5 59.3
 132 26.5 22.5 33.7

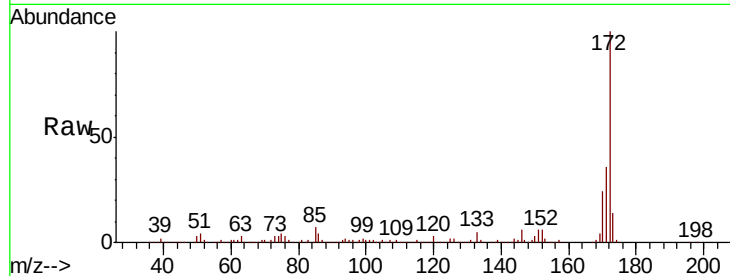




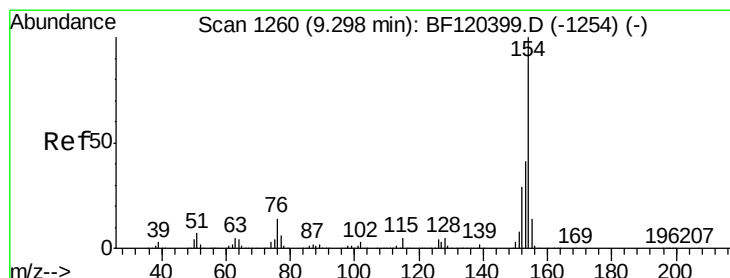
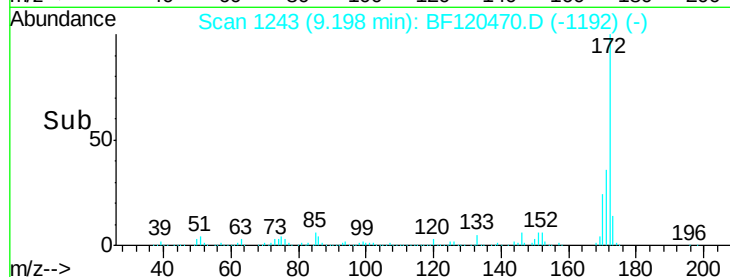
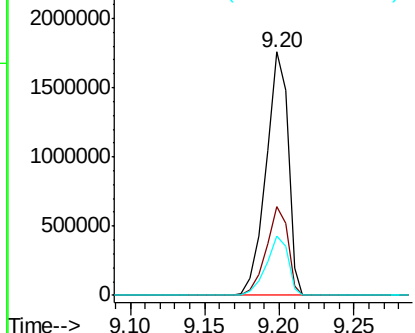
#45
2-Fluorobiphenyl
Concen: 70.488 ng
RT: 9.20 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

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

Tot Ion:172 Resp: 1784691
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.3 19.9 29.9

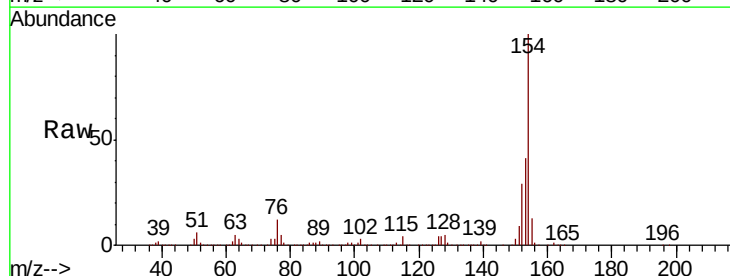


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

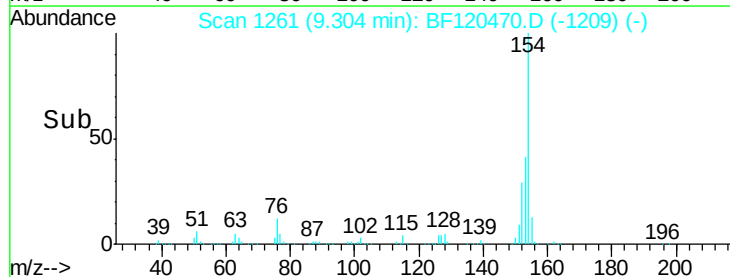
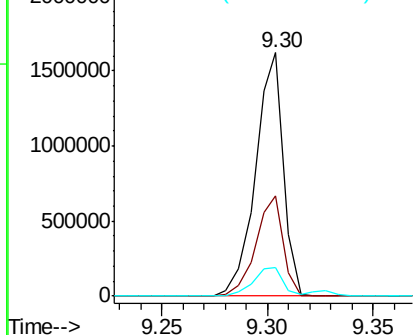


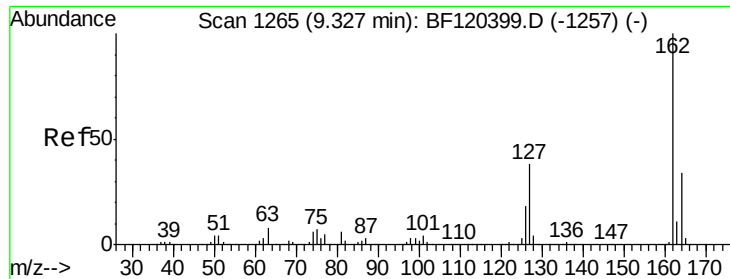
#46
1,1'-Biphenyl
Concen: 52.436 ng
RT: 9.30 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion:154 Resp: 1479758
Ion Ratio Lower Upper
154 100
153 41.0 20.9 60.9
76 11.9 0.0 33.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

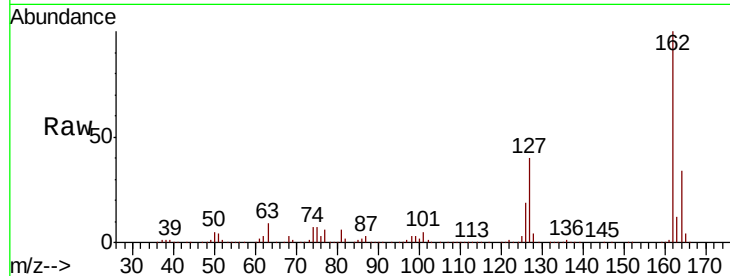




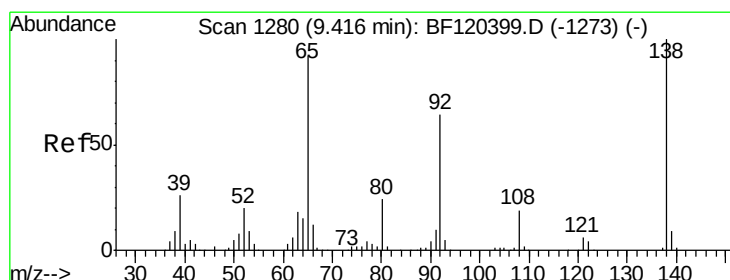
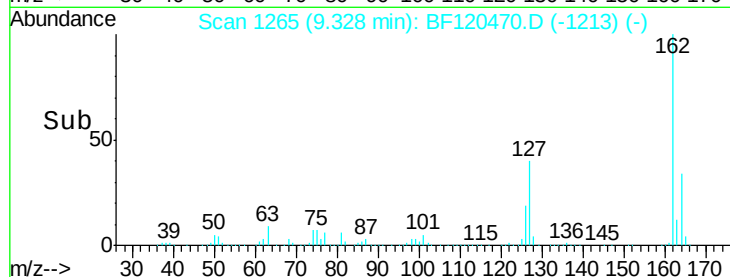
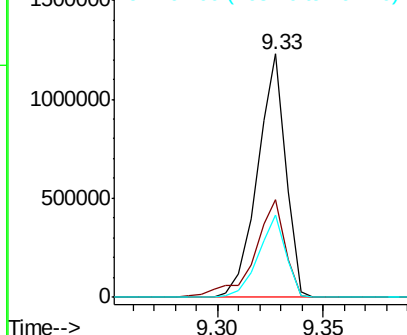
#47
2-Chloronaphthalene
Concen: 48.833 ng
RT: 9.33 min Scan# 1265
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

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

Tot Ion:162 Resp: 1134784
Ion Ratio Lower Upper
162 100
127 40.1 30.6 46.0
164 33.9 27.1 40.7

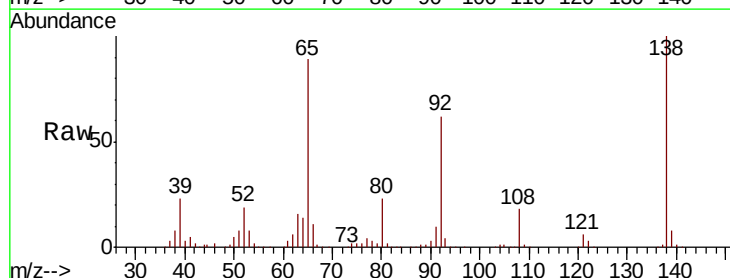


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

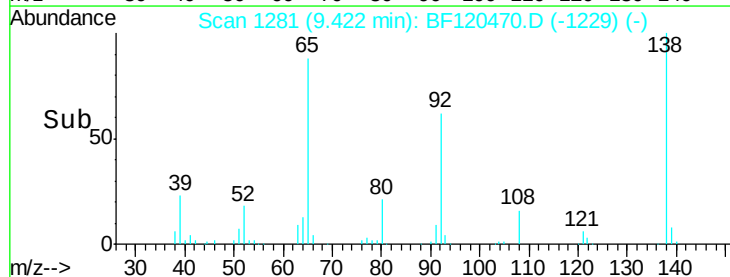
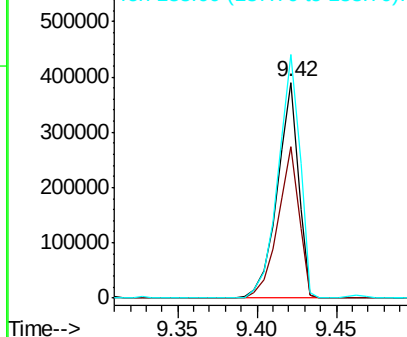


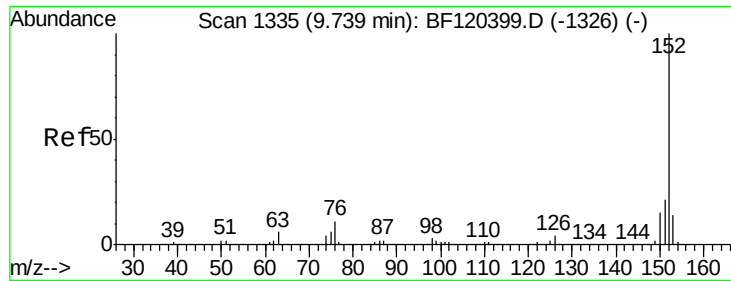
#48
2-Nitroaniline
Concen: 51.293 ng
RT: 9.42 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion: 65 Resp: 363047
Ion Ratio Lower Upper
65 100
92 70.3 55.7 83.5
138 112.7 86.9 130.3



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 50.134 ng

RT: 9.75 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MSD

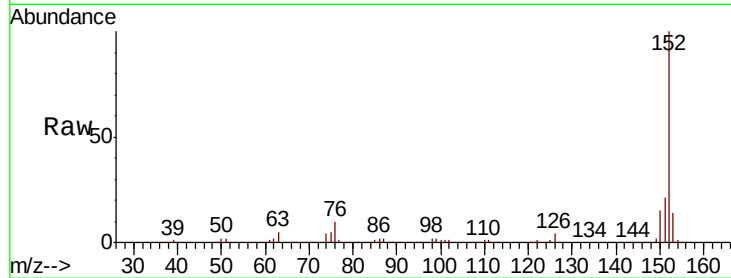
Tot Ion:152 Resp: 1800313

Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

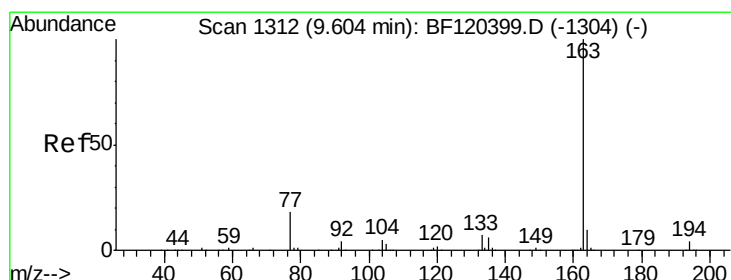
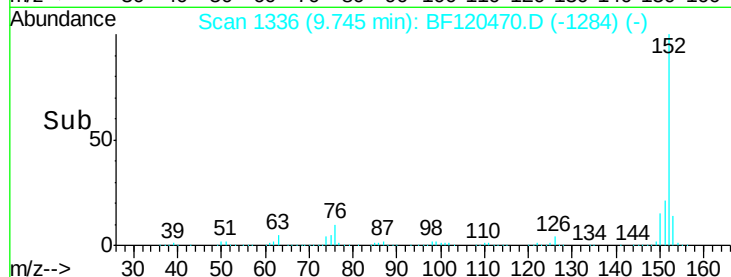
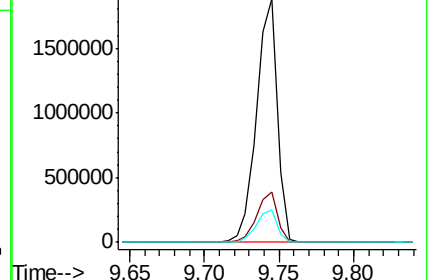
153 13.6 11.2 16.8



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: 59.258 ng

RT: 9.60 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

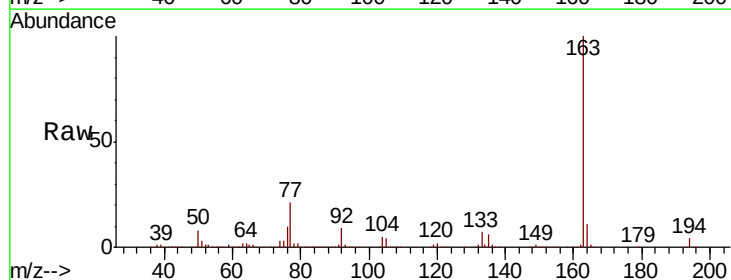
Tgt Ion:163 Resp: 1591490

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

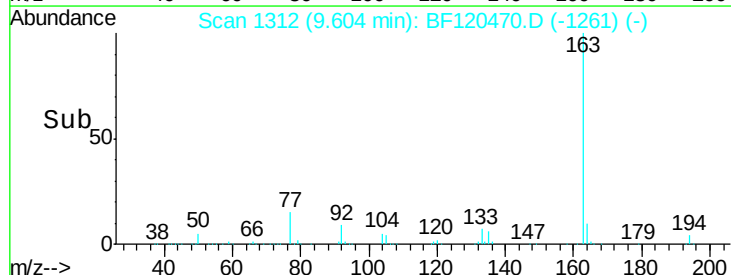
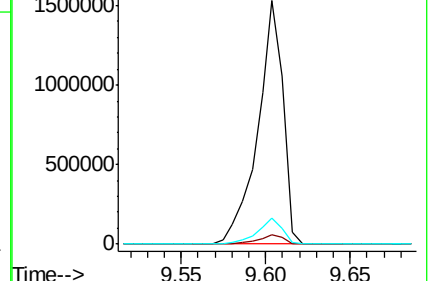
164 10.8 8.3 12.5

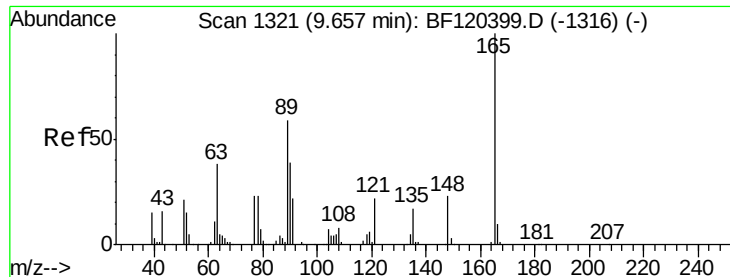


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

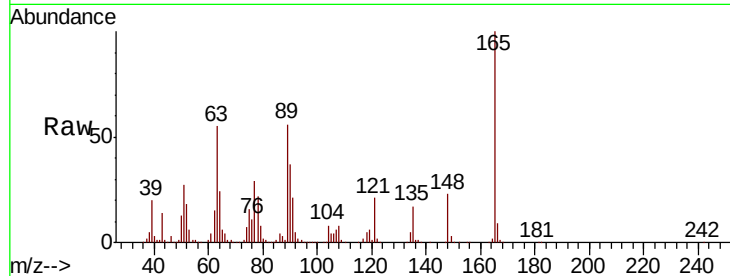




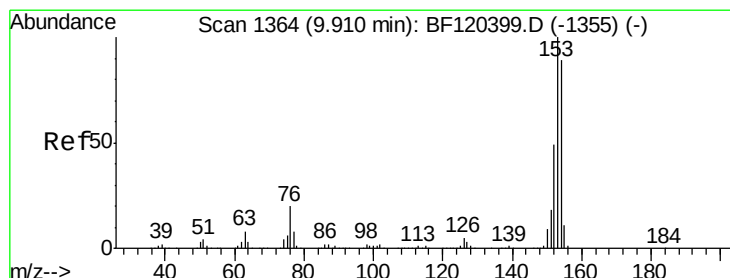
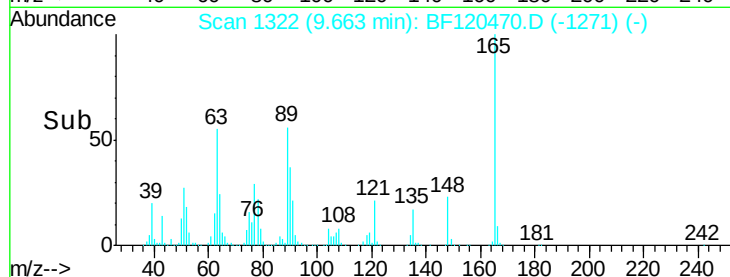
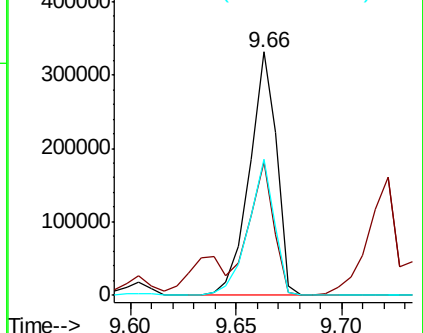
#51
2,6-Dinitrotoluene
Concen: 49.826 ng
RT: 9.66 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

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

Tot Ion:165 Resp: 297386
Ion Ratio Lower Upper
165 100
63 54.6 46.9 70.3
89 55.7 47.5 71.3

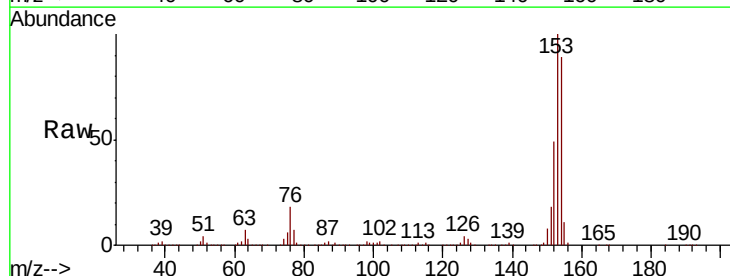


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

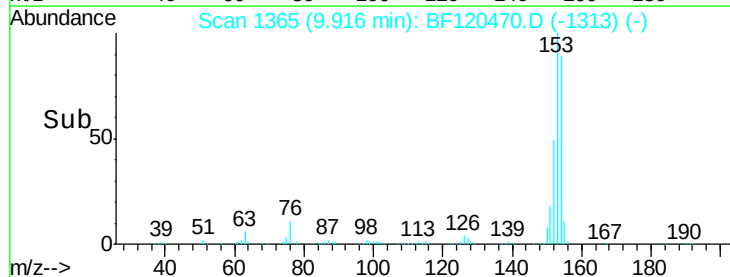
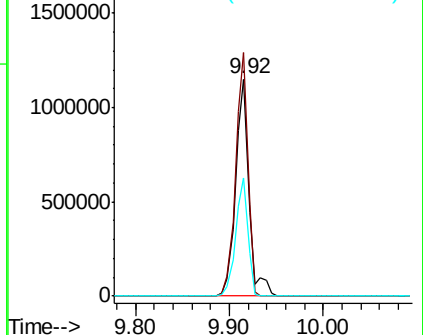


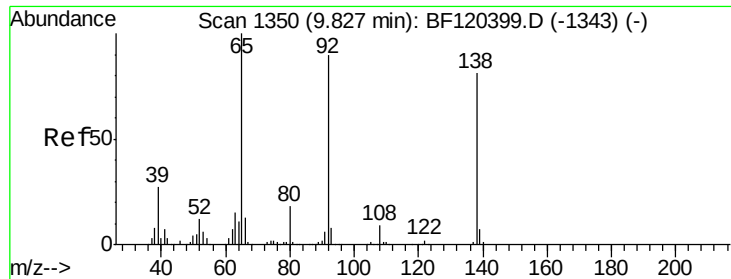
#52
Acenaphthene
Concen: 50.626 ng
RT: 9.92 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion:154 Resp: 1134618
Ion Ratio Lower Upper
154 100
153 112.1 90.0 135.0
152 54.5 43.9 65.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

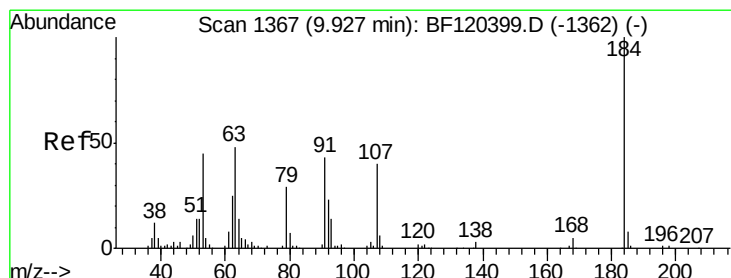
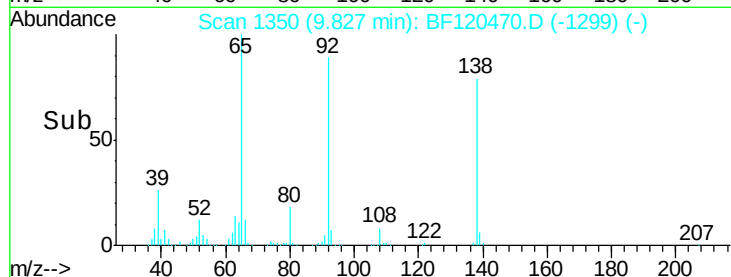
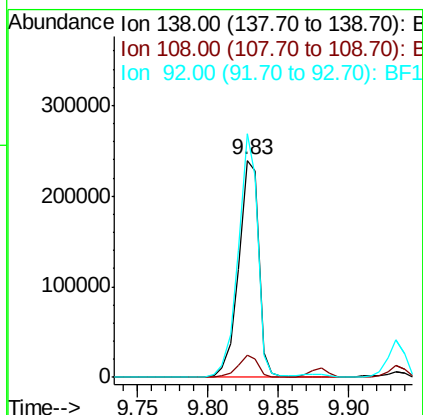
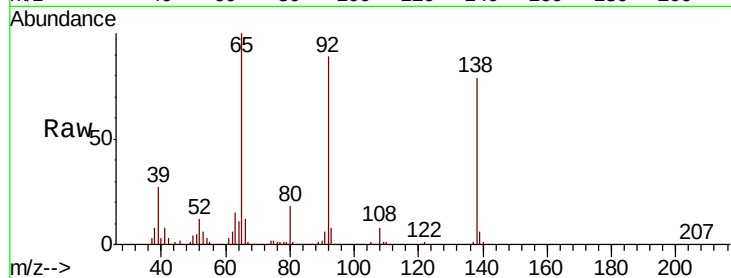




#53
3-Nitroaniline
Concen: 34.019 ng
RT: 9.83 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

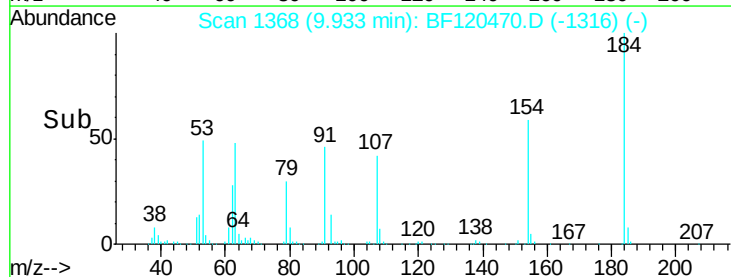
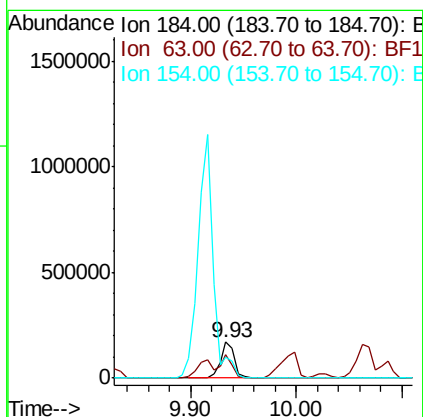
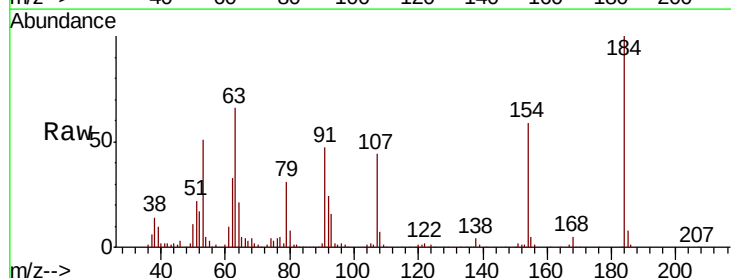
Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MSD

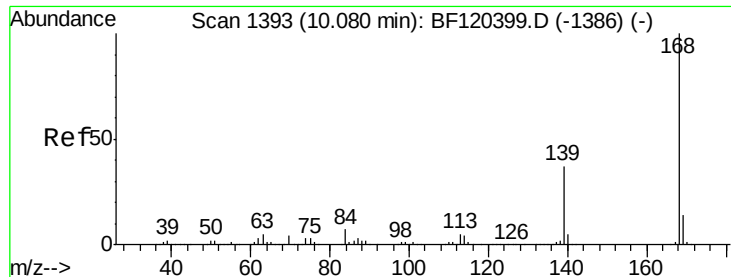
Tot Ion:138 Resp: 238427
Ion Ratio Lower Upper
138 100
108 10.2 8.5 12.7
92 112.2 89.0 133.4



#54
2,4-Dinitrophenol
Concen: 67.124 ng
RT: 9.93 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion:184 Resp: 158089
Ion Ratio Lower Upper
184 100
63 65.5 45.9 68.9
154 59.4 46.4 69.6

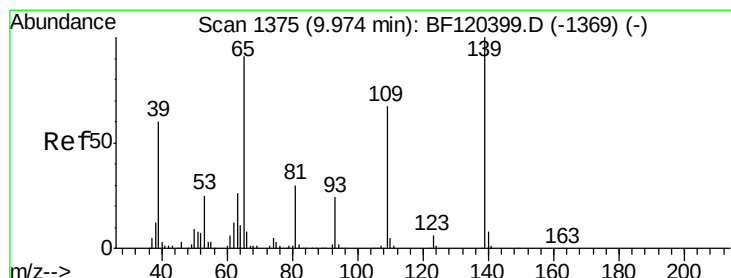
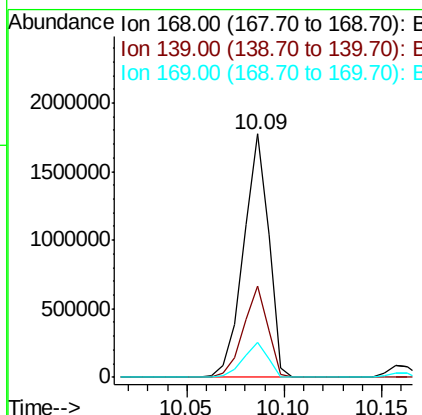
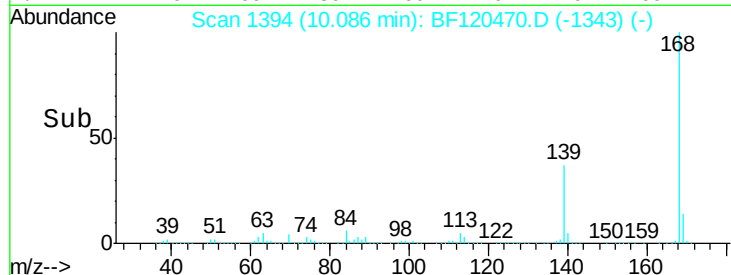
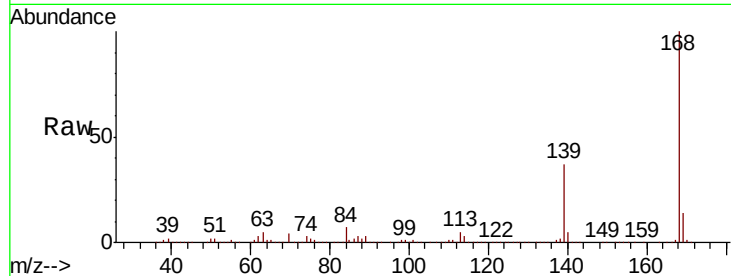




#55
Dibenzenofuran
Concen: 48.490 ng
RT: 10.09 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

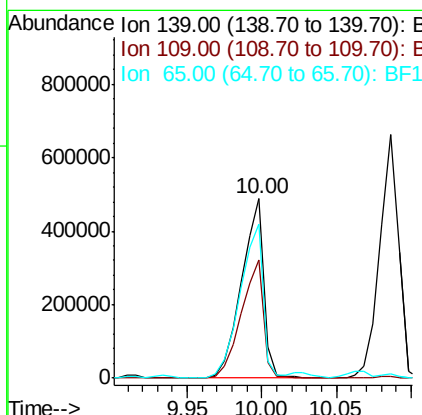
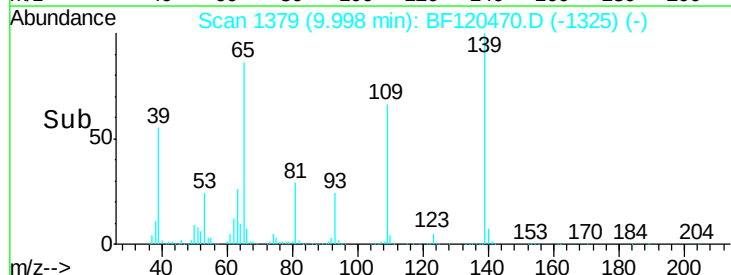
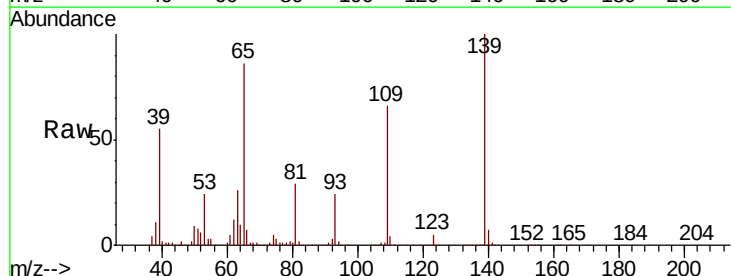
Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MSD

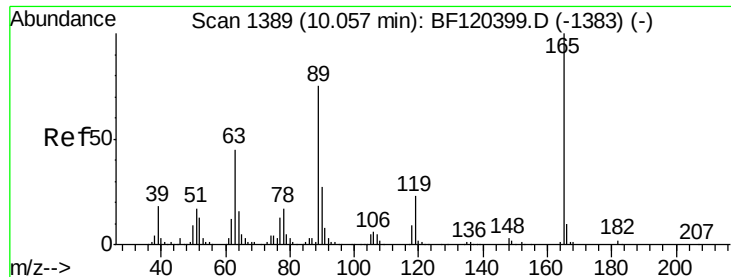
Tot Ion:168 Resp: 1579257
Ion Ratio Lower Upper
168 100
139 37.3 30.0 45.0
169 14.3 11.5 17.3



#56
4-Nitrophenol
Concen: 94.305 ng
RT: 10.00 min Scan# 1379
Delta R.T. 0.02 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion:139 Resp: 506021
Ion Ratio Lower Upper
139 100
109 66.1 47.3 87.3
65 86.3 71.5 111.5

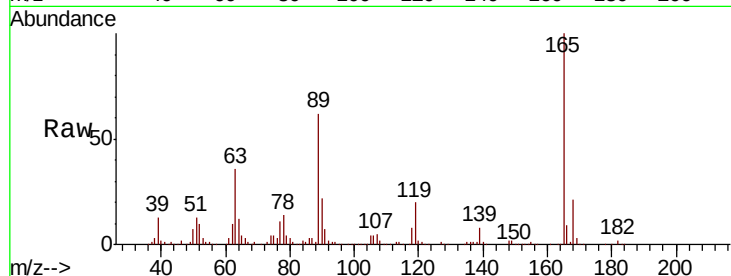




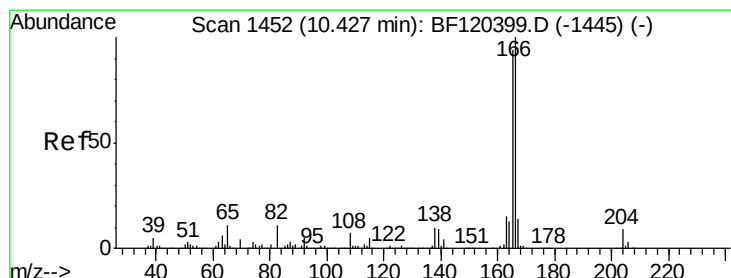
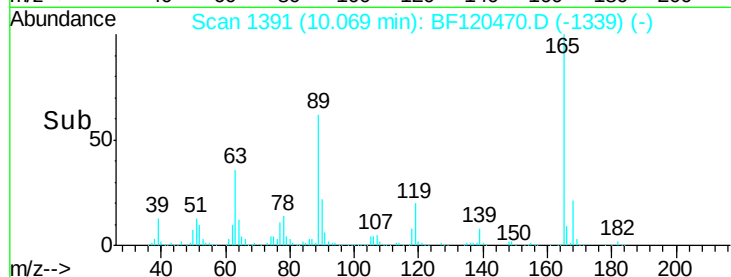
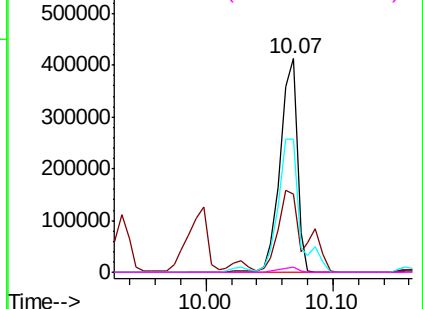
#57
 2,4-Dinitrotoluene
 Concen: 50.414 ng
 RT: 10.07 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

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

Tot Ion:165 Resp: 385091
 Ion Ratio Lower Upper
 165 100
 63 36.3 35.9 53.9
 89 62.3 60.0 90.0
 182 2.4 2.0 3.0

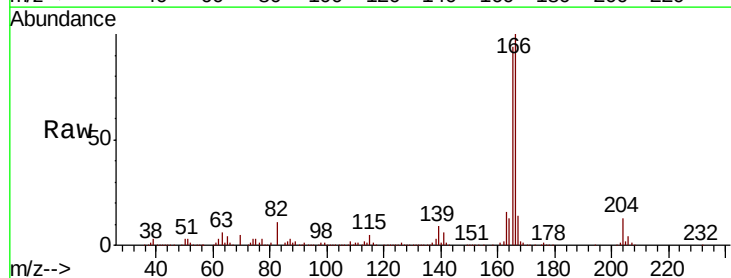


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

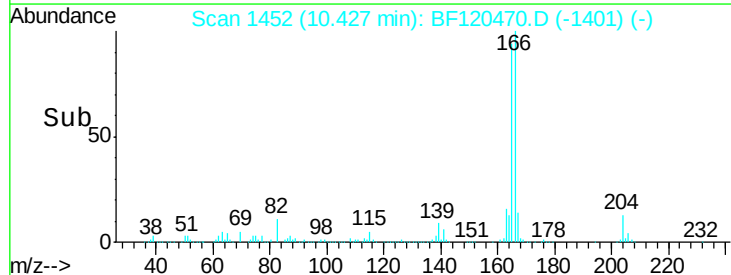
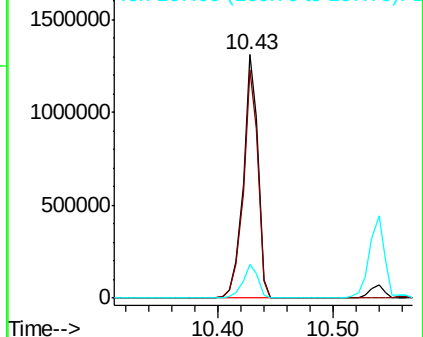


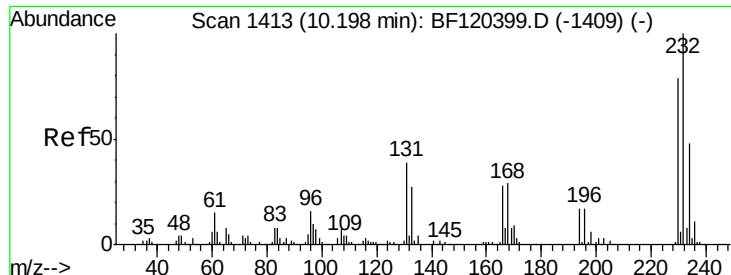
#58
 Fluorene
 Concen: 47.002 ng
 RT: 10.43 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

Tgt Ion:166 Resp: 1148747
 Ion Ratio Lower Upper
 166 100
 165 93.8 75.6 113.4
 167 13.9 10.9 16.3



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

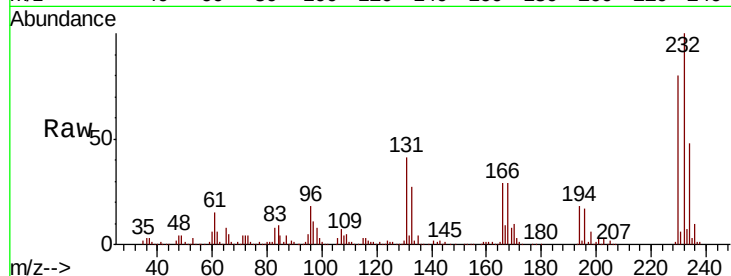




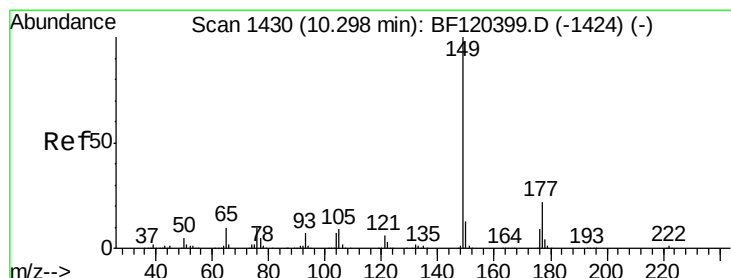
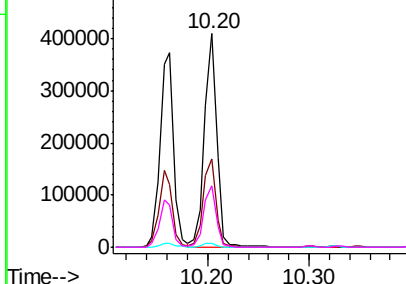
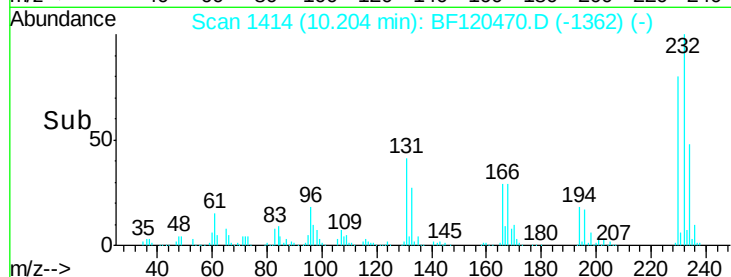
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.295 ng
RT: 10.20 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

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

Tot Ion:232 Resp: 346928
Ion Ratio Lower Upper
232 100
131 42.3 34.6 51.8
130 2.1 1.7 2.5
166 29.4 23.7 35.5

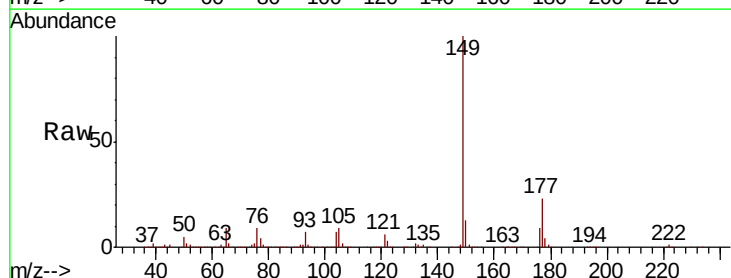


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

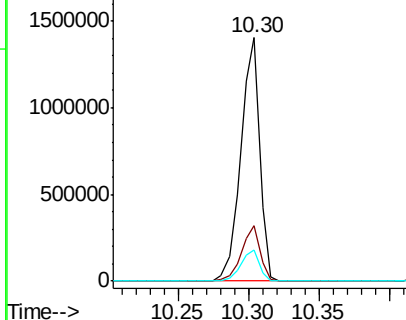
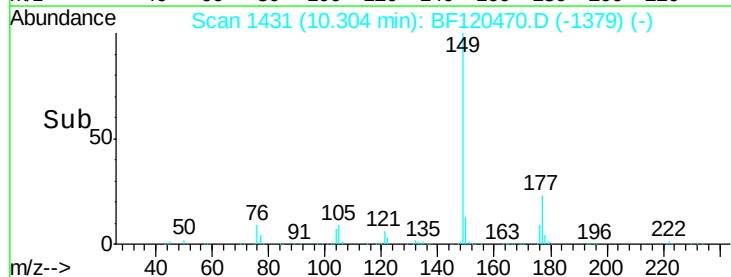


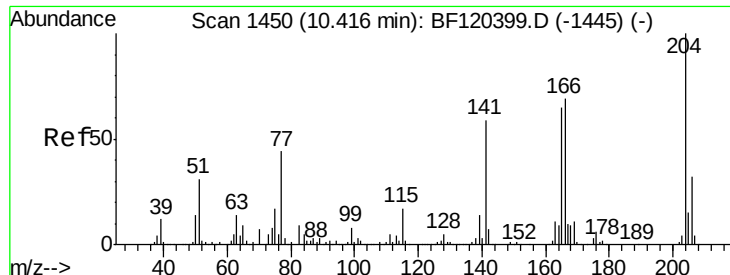
#60
Diethylphthalate
Concen: 47.903 ng
RT: 10.30 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion:149 Resp: 1300056
Ion Ratio Lower Upper
149 100
177 22.6 17.4 26.2
150 12.7 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

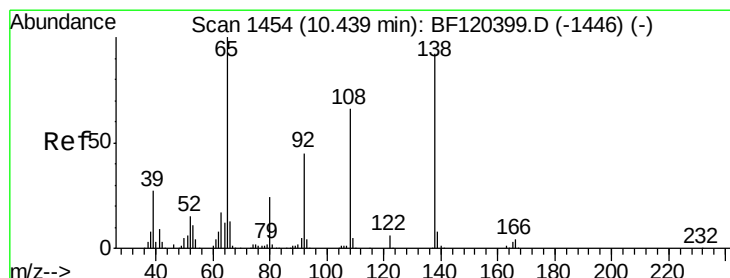
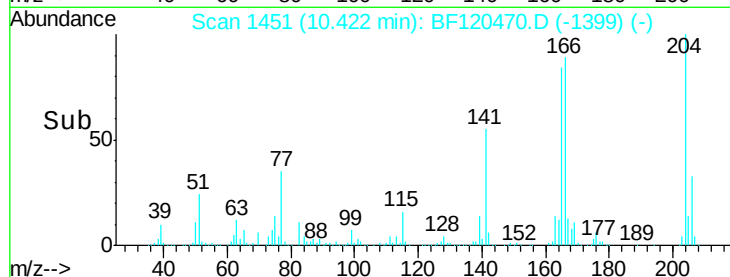
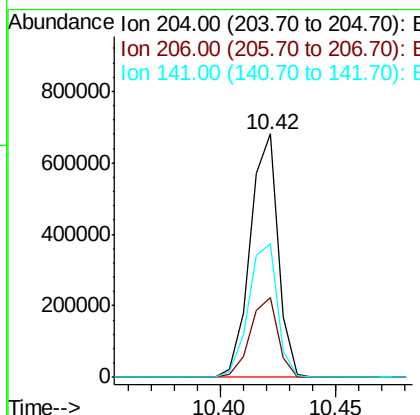
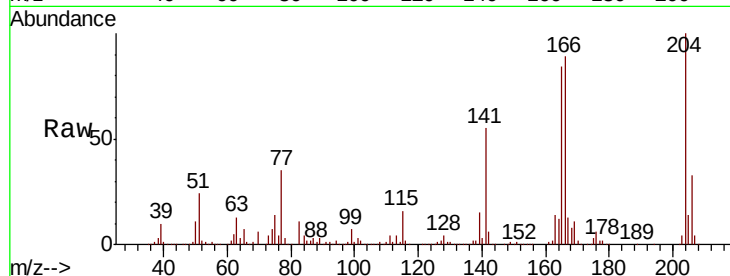




#61
4-Chlorophenyl-phenylether
Concen: 43.519 ng
RT: 10.42 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

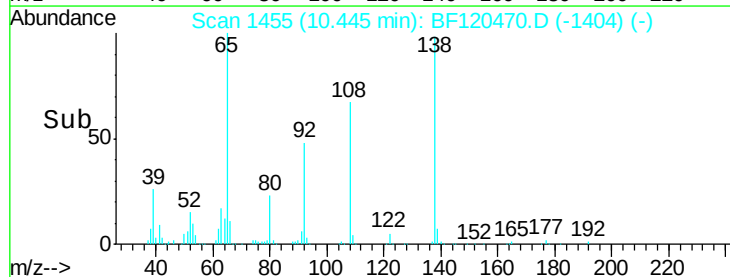
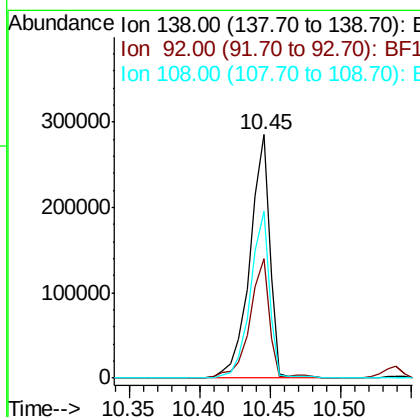
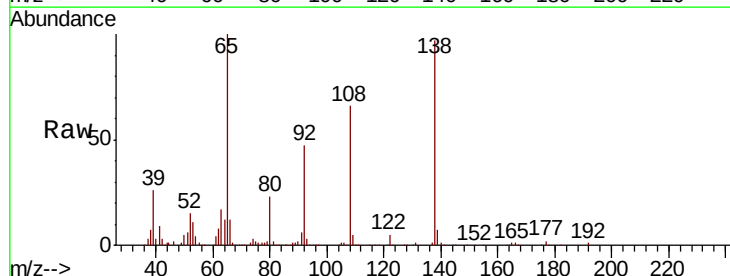
Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MSD

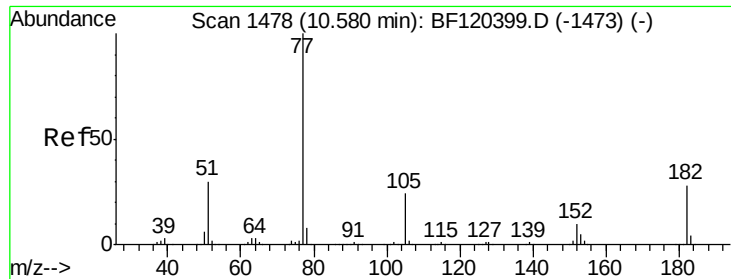
Tot Ion:204 Resp: 576658
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.8
141 54.8 47.2 70.8



#62
4-Nitroaniline
Concen: 43.114 ng
RT: 10.45 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion:138 Resp: 285270
Ion Ratio Lower Upper
138 100
92 49.0 29.3 69.3
108 68.6 51.8 91.8



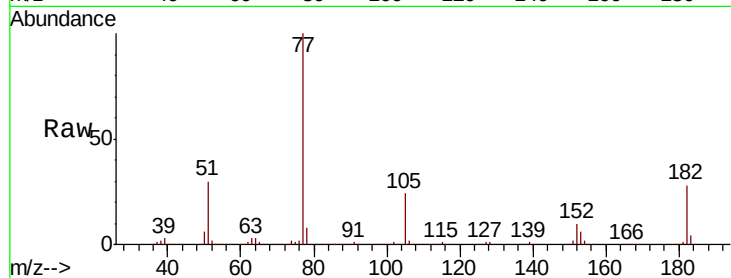


#63
Azobenzene
Concen: 46.716 ng
RT: 10.58 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

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

Tot Ion: 77 Resp: 1192572

Ion	Ratio	Lower	Upper
77	100		
182	27.5	8.1	48.1
105	23.8	3.8	43.8
51	29.9	10.1	50.1

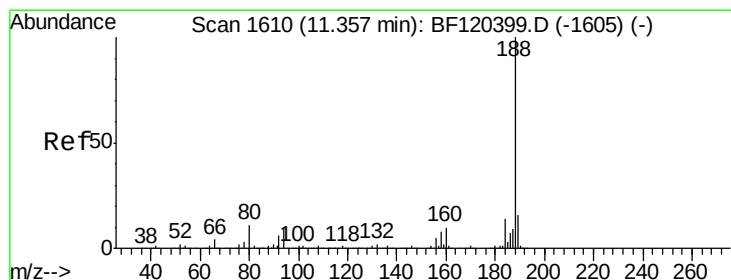
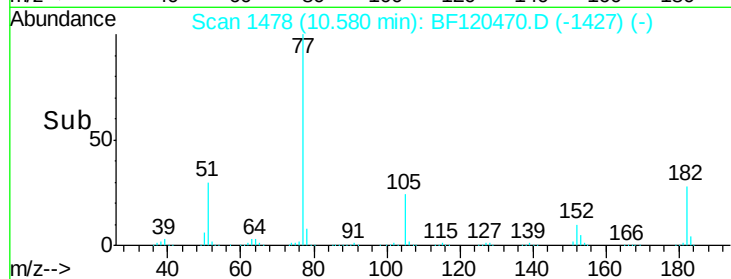
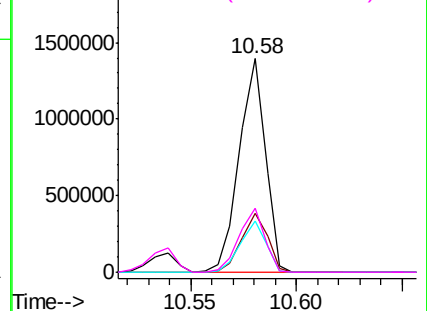


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

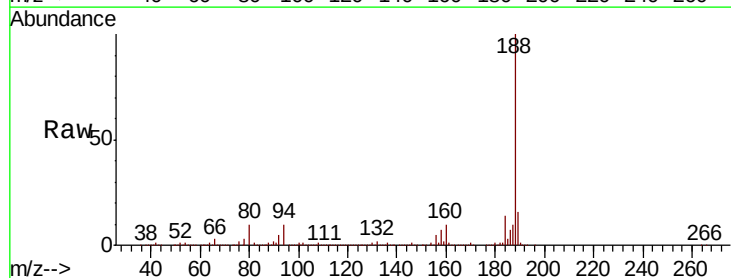
Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion: 188 Resp: 758300

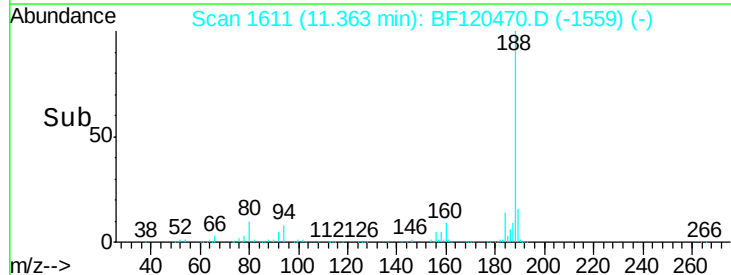
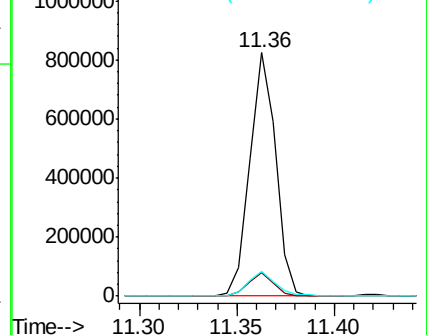
Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.9	11.9
80	9.9	8.6	13.0

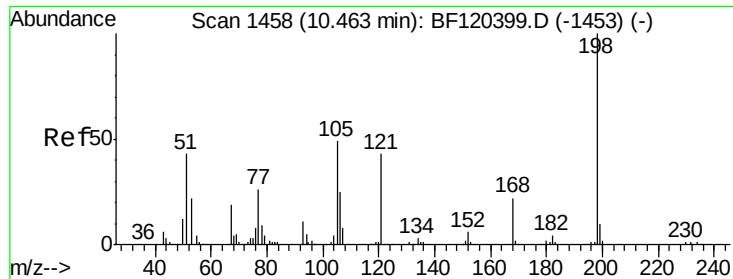


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

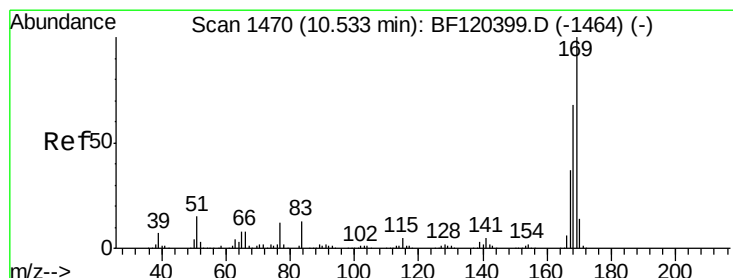
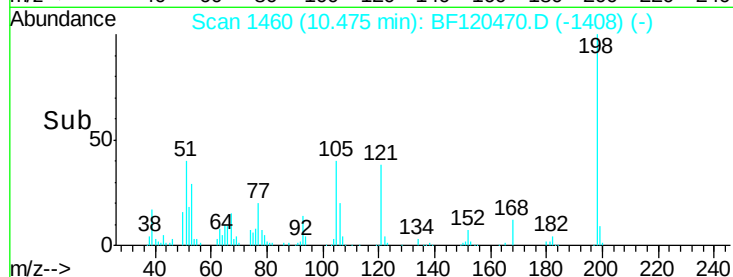
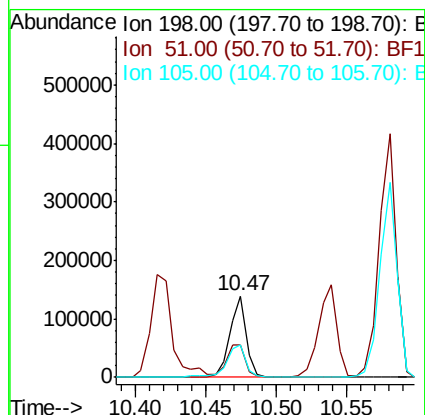
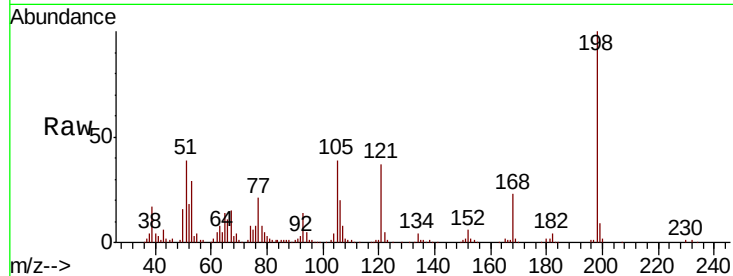




#65
4,6-Dinitro-2-methylphenol
Concen: 40.807 ng
RT: 10.47 min Scan# 1460
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

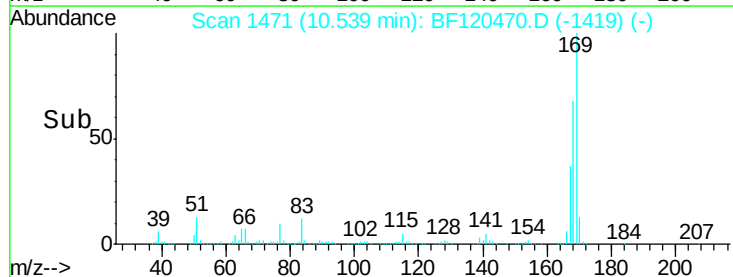
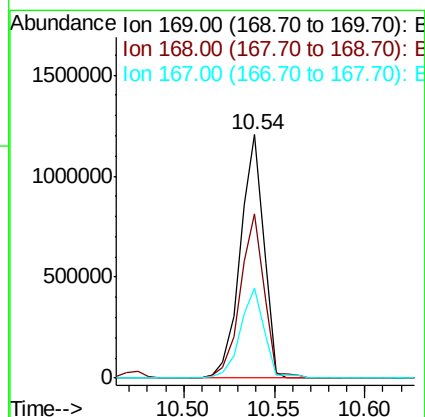
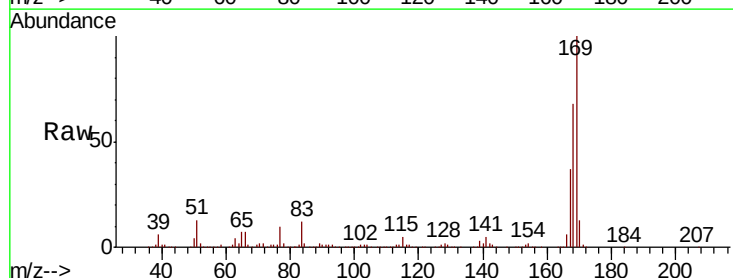
Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MSD

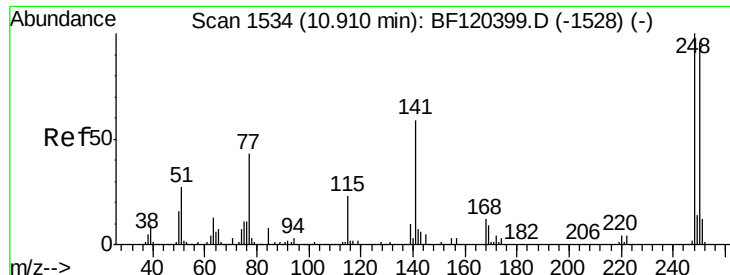
Tot Ion:198 Resp: 112866
Ion Ratio Lower Upper
198 100
51 39.3 34.1 74.1
105 39.3 30.5 70.5



#66
n-Nitrosodiphenylamine
Concen: 51.353 ng
RT: 10.54 min Scan# 1471
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion:169 Resp: 1081708
Ion Ratio Lower Upper
169 100
168 67.6 54.2 81.2
167 37.1 29.8 44.8

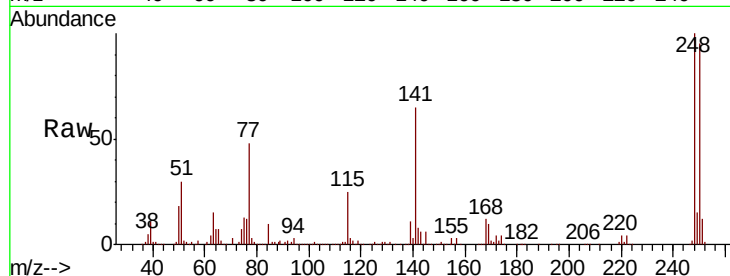




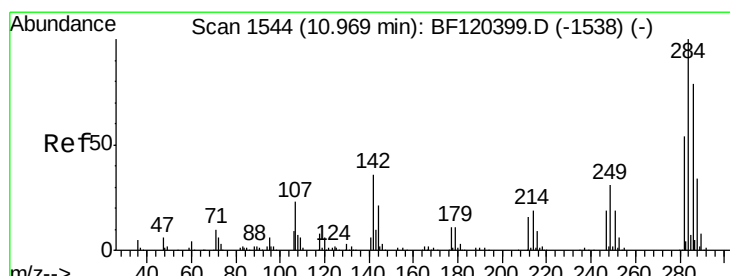
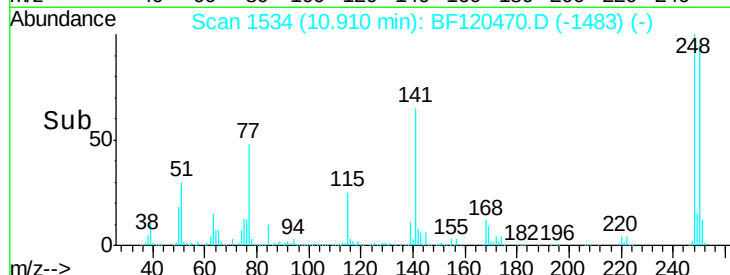
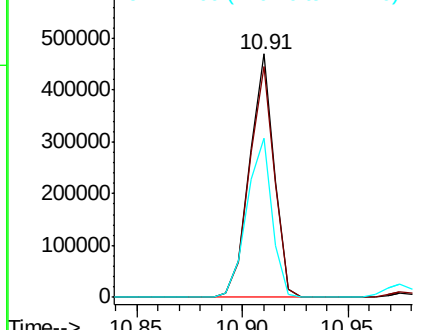
#67
4-Bromophenyl-phenylether
Concen: 49.655 ng
RT: 10.91 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

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

Tot Ion:248 Resp: 380083
Ion Ratio Lower Upper
248 100
250 94.7 76.5 114.7
141 65.4 47.2 70.8

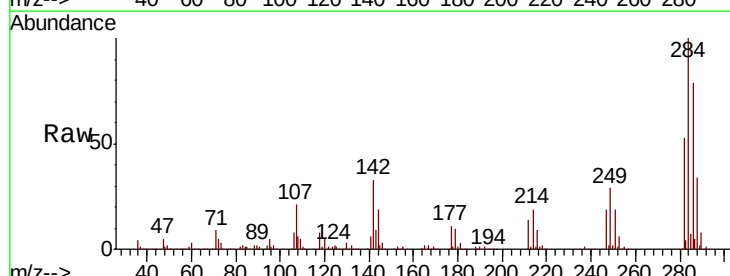


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

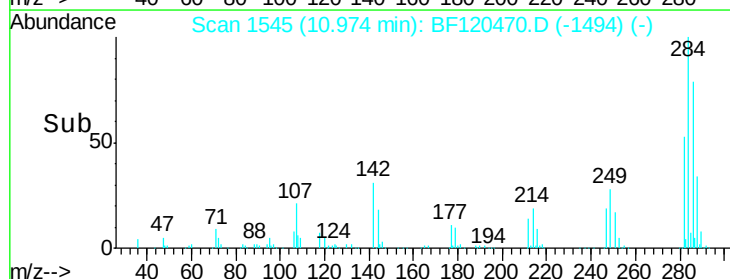
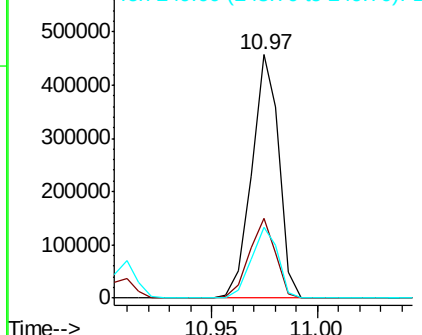


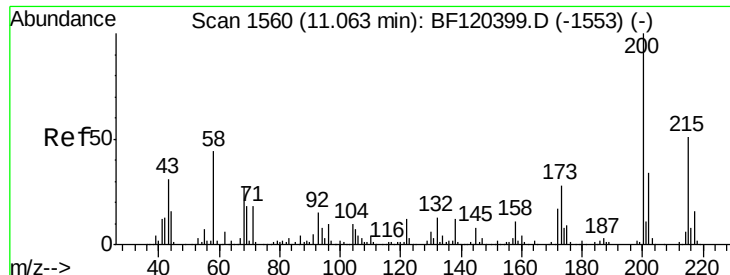
#68
Hexachlorobenzene
Concen: 49.970 ng
RT: 10.97 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion:284 Resp: 407330
Ion Ratio Lower Upper
284 100
142 32.9 28.5 42.7
249 29.3 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

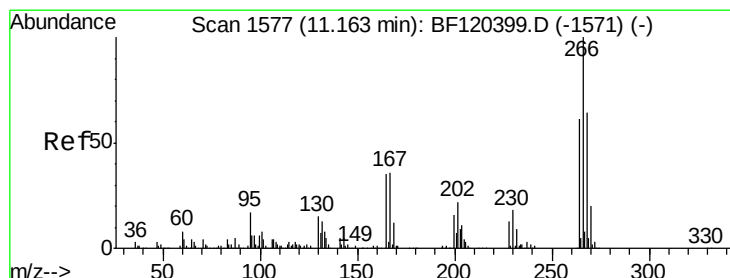
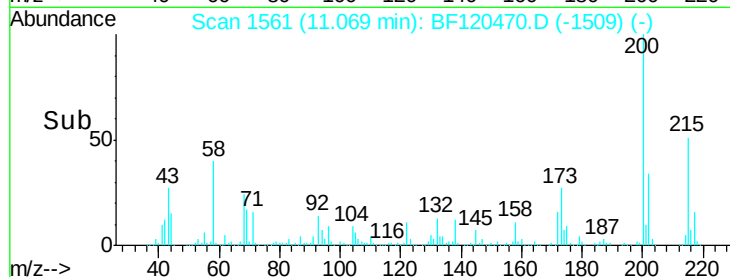
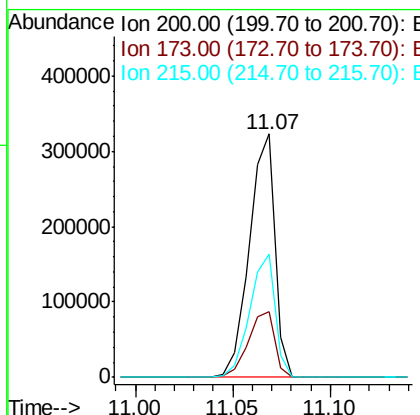
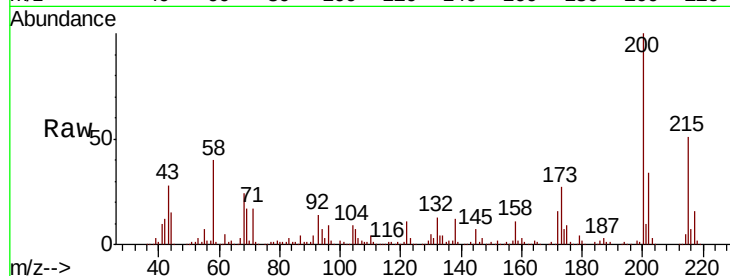




#69
Atrazine
Concen: 49.483 ng
RT: 11.07 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

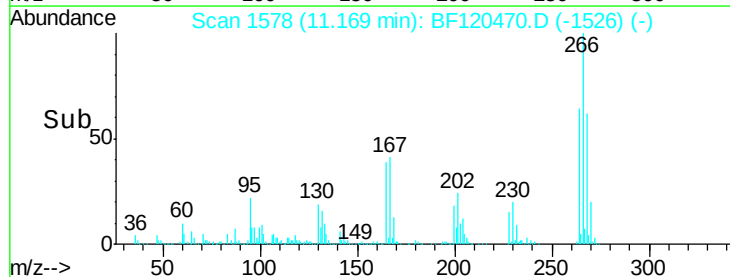
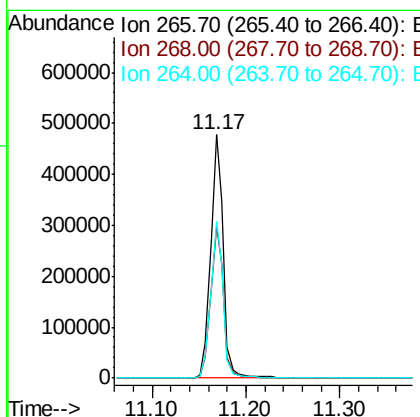
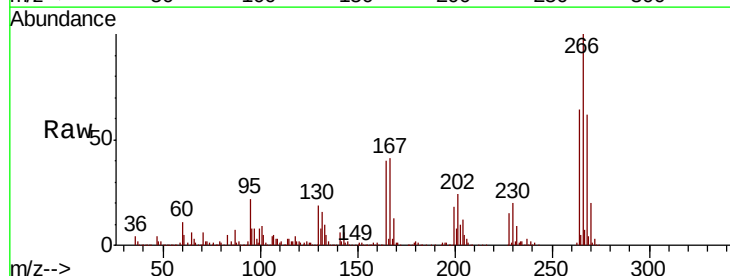
Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MSD

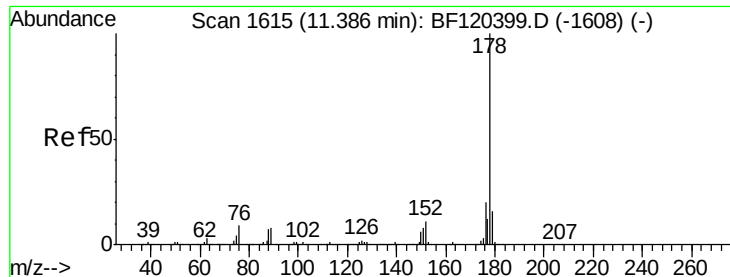
Tot Ion:200 Resp: 293788
Ion Ratio Lower Upper
200 100
173 26.8 7.9 47.9
215 50.9 31.2 71.2



#70
Pentachlorophenol
Concen: 91.692 ng
RT: 11.17 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion:266 Resp: 456988
Ion Ratio Lower Upper
266 100
268 62.3 51.5 77.3
264 64.1 49.1 73.7

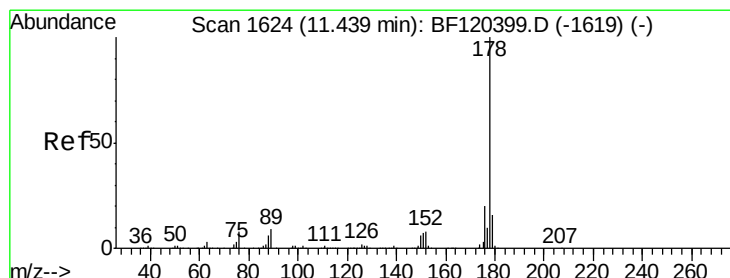
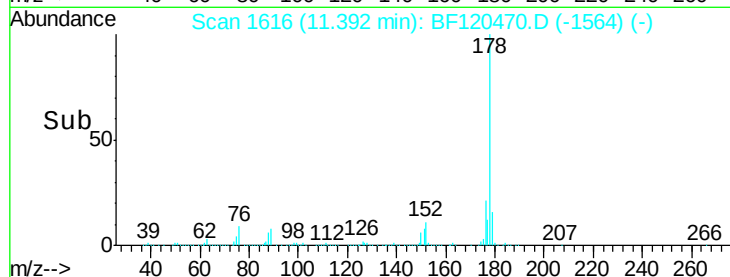
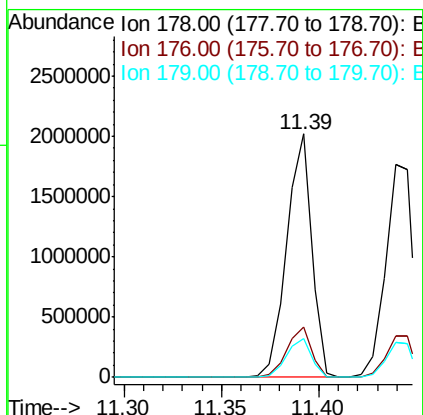
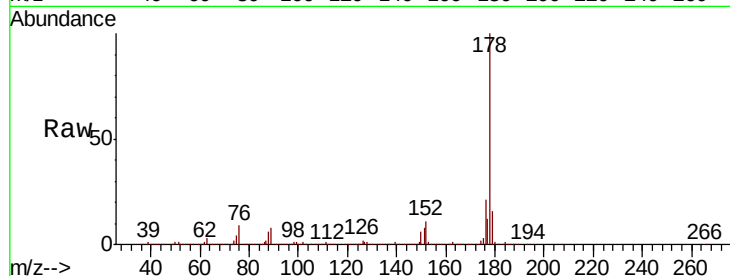




#71
Phenanthrene
Concen: 53.771 ng
RT: 11.39 min Scan# 1616
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

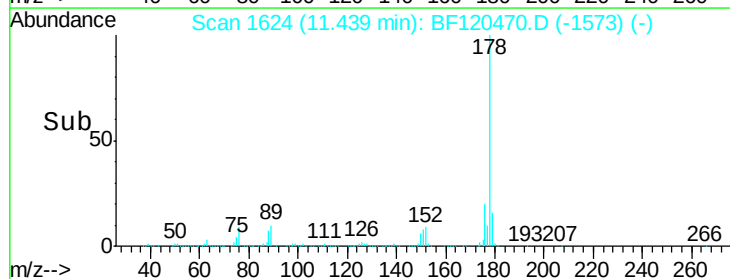
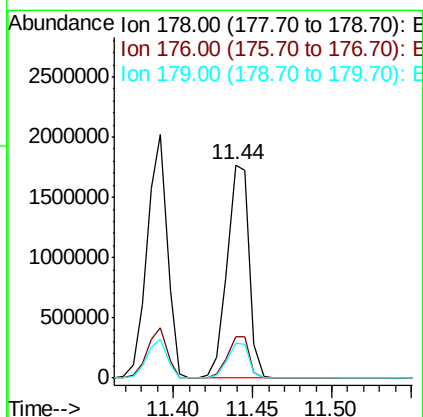
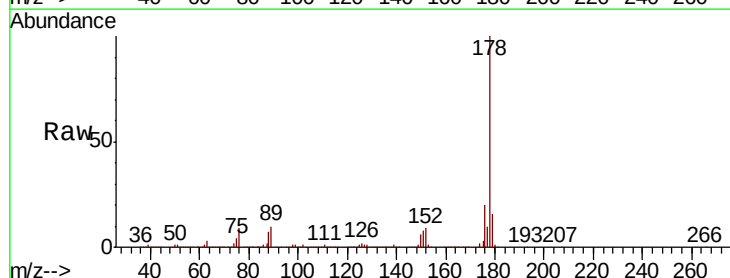
Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MSD

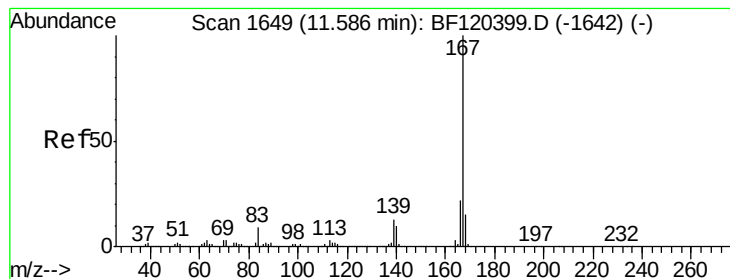
Tot Ion:178 Resp: 1796654
Ion Ratio Lower Upper
178 100
176 20.6 16.4 24.6
179 16.1 13.0 19.4



#72
Anthracene
Concen: 50.658 ng
RT: 11.44 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion:178 Resp: 1698280
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 16.5 12.8 19.2





#73

Carbazole

Concen: 46.850 ng

RT: 11.59 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MSD

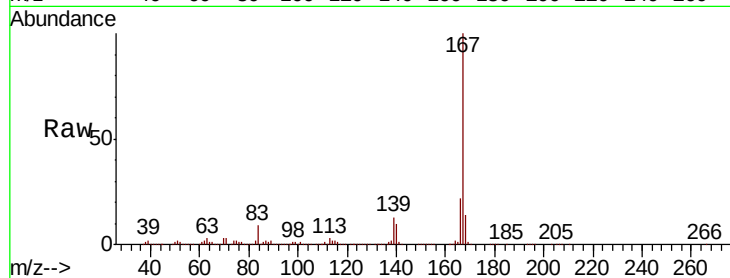
Tot Ion:167 Resp: 1519154

Ion Ratio Lower Upper

167 100

166 22.2 17.8 26.6

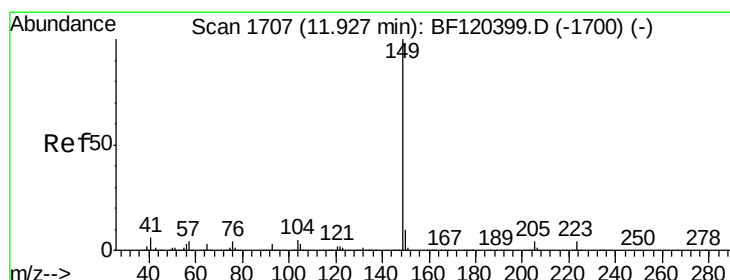
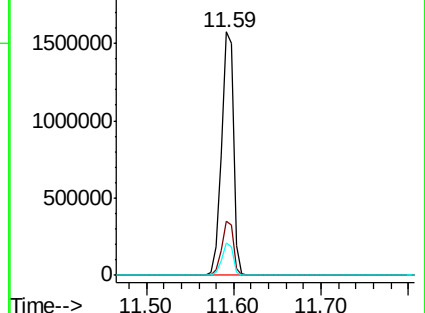
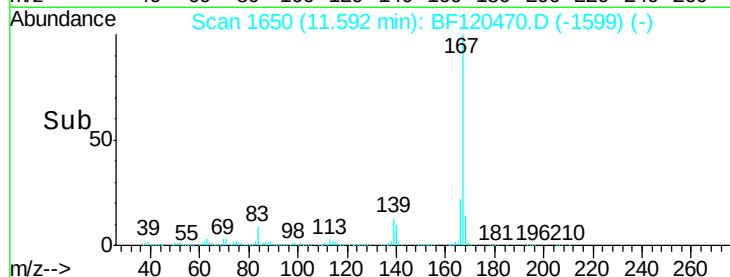
139 13.1 10.4 15.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 49.957 ng

RT: 11.93 min Scan# 1707

Delta R.T. 0.01 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

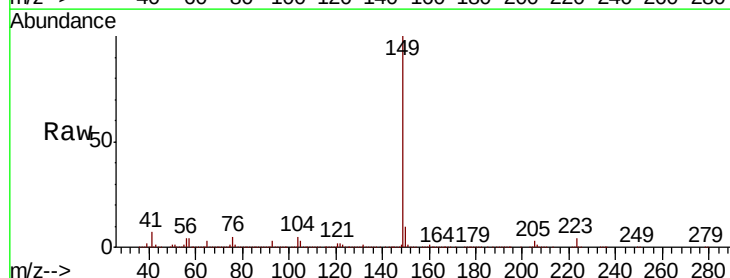
Tgt Ion:149 Resp: 1884389

Ion Ratio Lower Upper

149 100

150 9.9 7.7 11.5

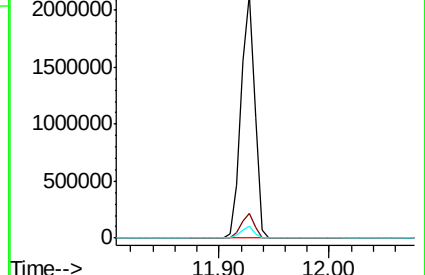
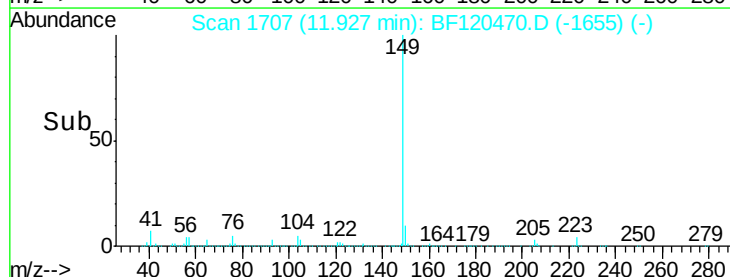
104 4.9 3.6 5.4

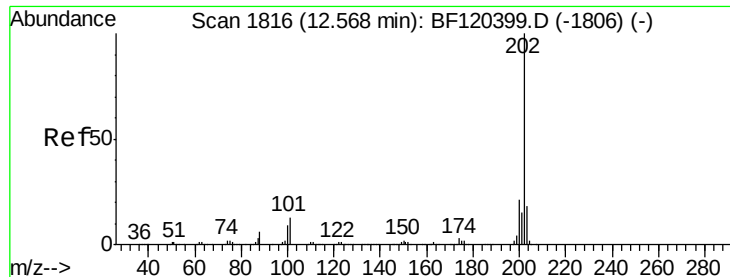


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 55.687 ng

RT: 12.58 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MSD

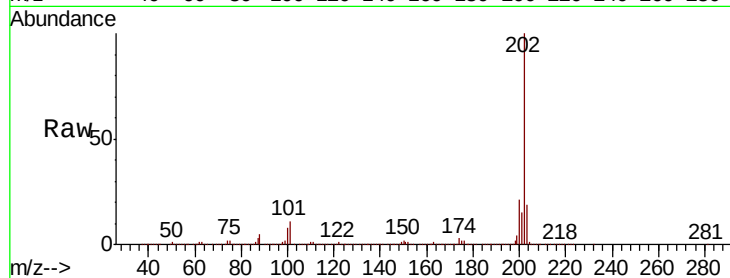
Tot Ion:202 Resp: 2002123

Ion Ratio Lower Upper

202 100

101 10.9 0.0 32.6

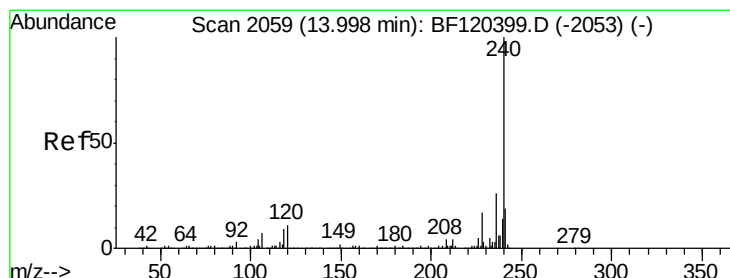
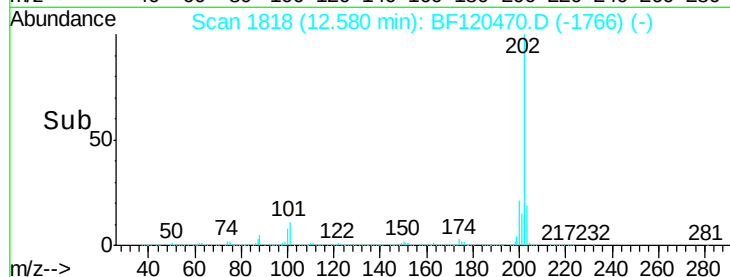
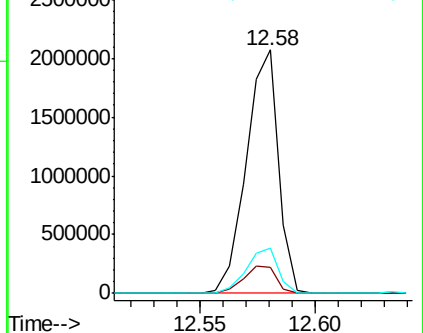
203 18.6 0.0 38.4



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: BF120470.D

Acq: 1 Jun 2020 14:52

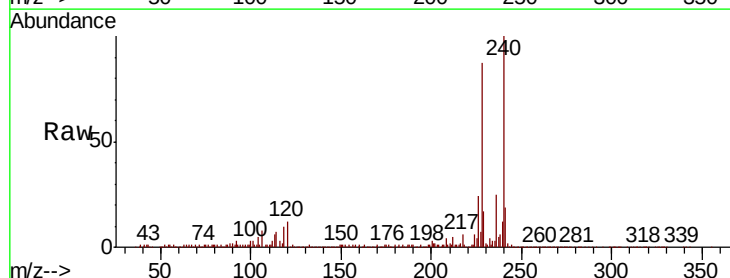
Tgt Ion:240 Resp: 490729

Ion Ratio Lower Upper

240 100

120 11.8 8.8 13.2

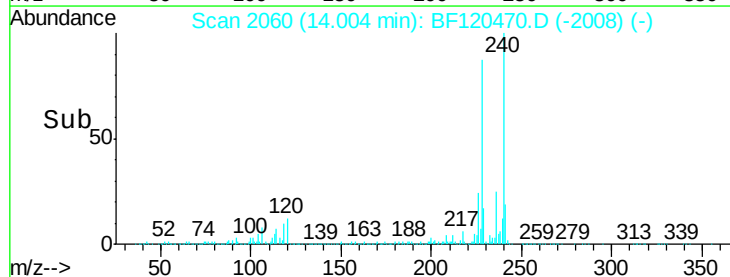
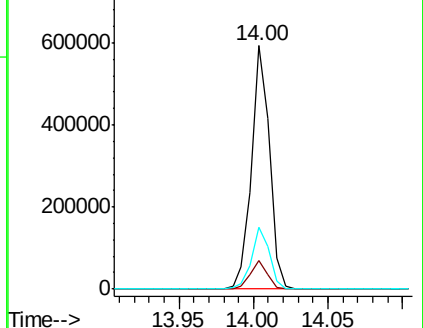
236 25.2 21.0 31.4

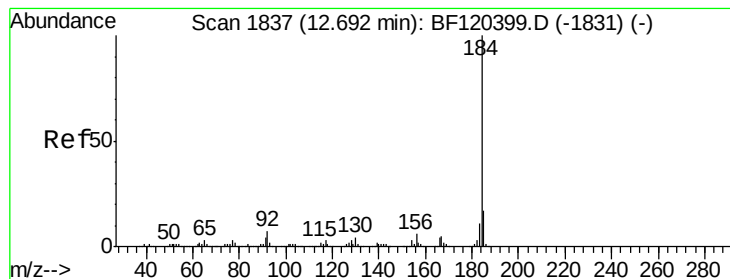


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.473 ng

RT: 12.70 min Scan# 1838

Delta R.T. 0.01 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MSD

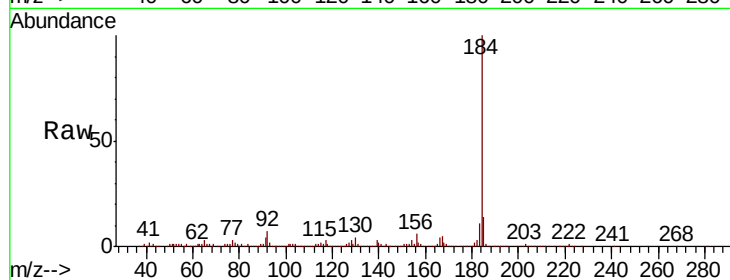
Tot Ion:184 Resp: 444490

Ion Ratio Lower Upper

184 100

185 14.4 13.4 20.0

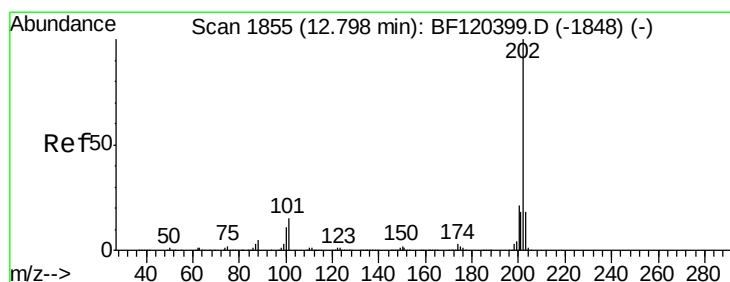
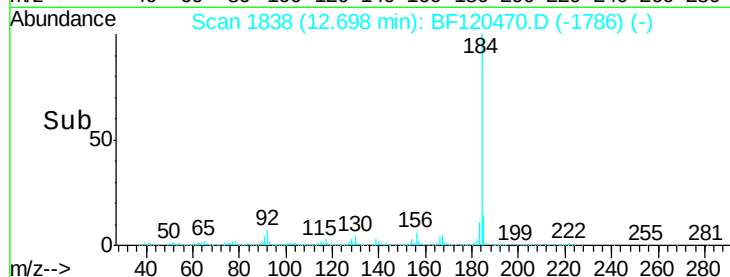
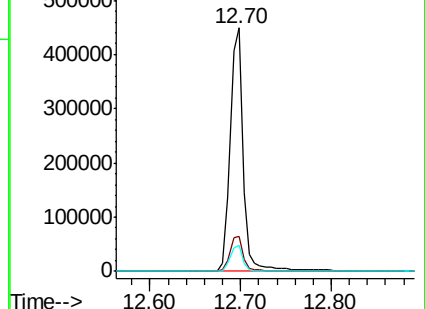
183 10.9 8.6 12.8



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: 58.341 ng

RT: 12.81 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

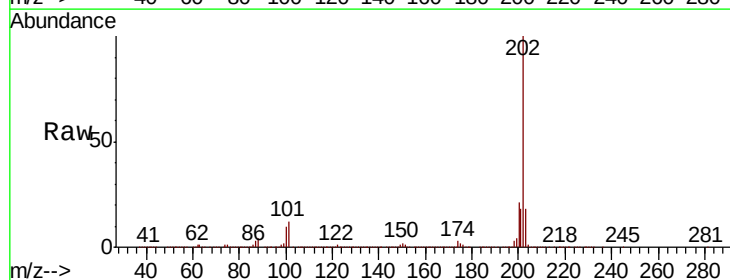
Tgt Ion:202 Resp: 1991031

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

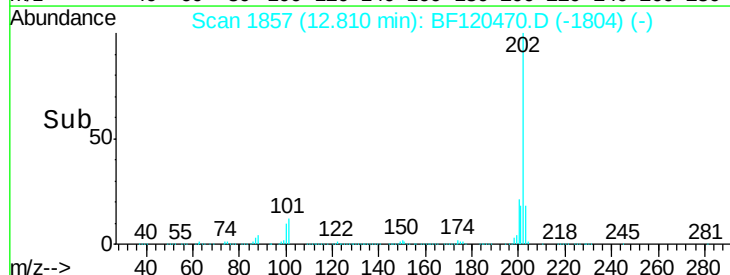
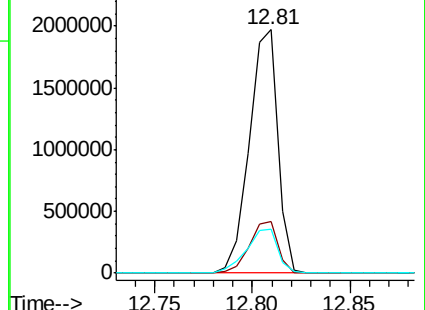
203 18.3 14.7 22.1

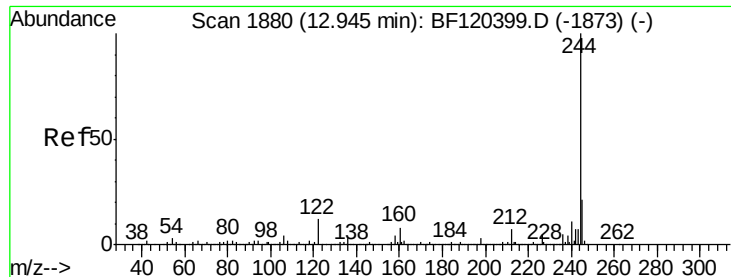


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.174 ng

RT: 12.94 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MSD

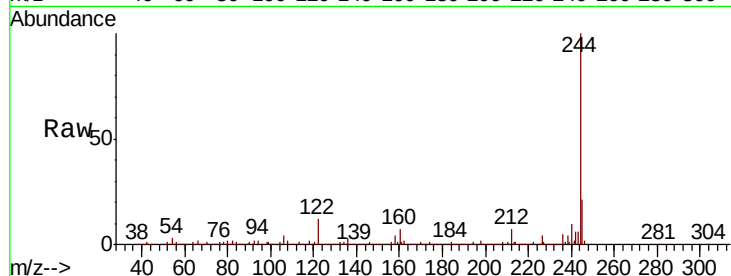
Tot Ion:244 Resp: 1635746

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 11.8 9.2 13.8

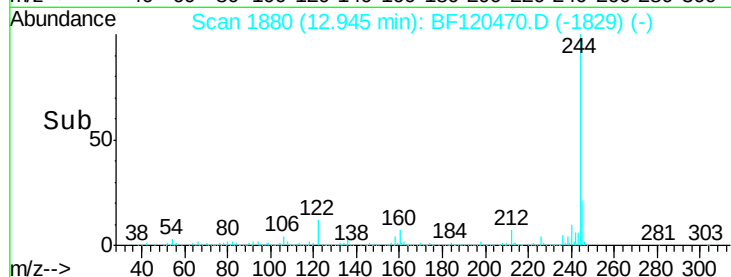


Abundance Ion 244.00 (243.70 to 244.70): E

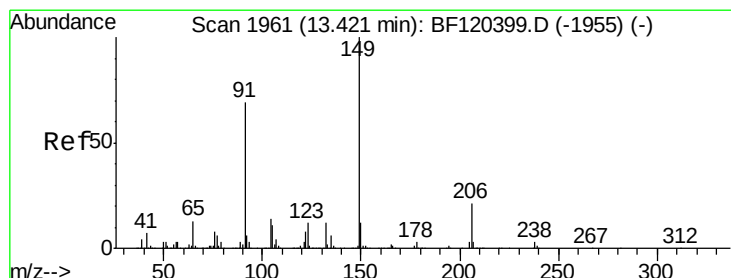
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#80

Butylbenzylphthalate

Concen: 50.203 ng

RT: 13.43 min Scan# 1962

Delta R.T. 0.01 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

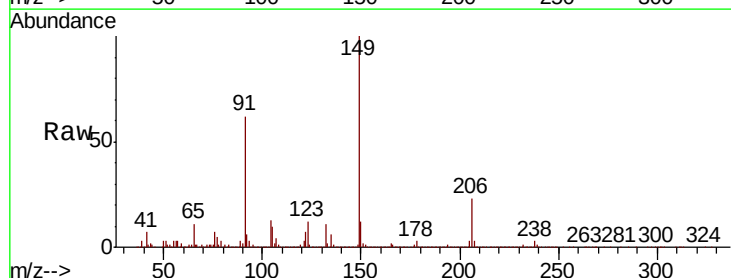
Tgt Ion:149 Resp: 715260

Ion Ratio Lower Upper

149 100

91 62.3 55.0 82.4

206 22.6 17.0 25.4

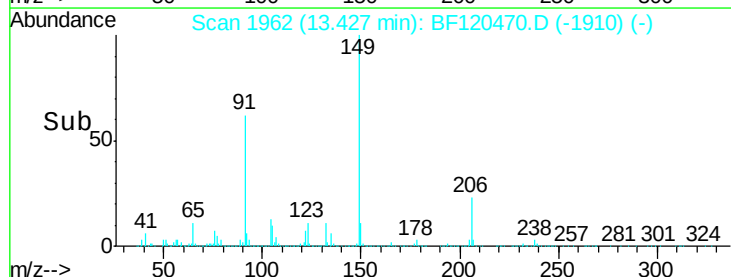


Abundance Ion 149.00 (148.70 to 149.70): E

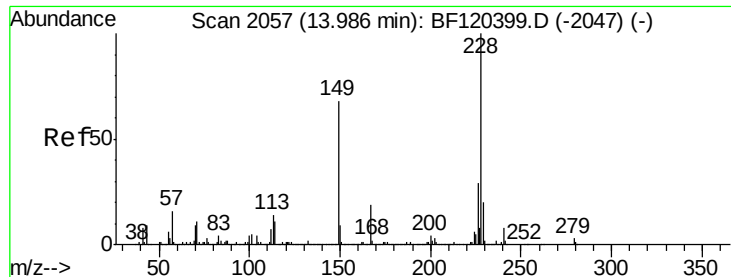
Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

Time-->



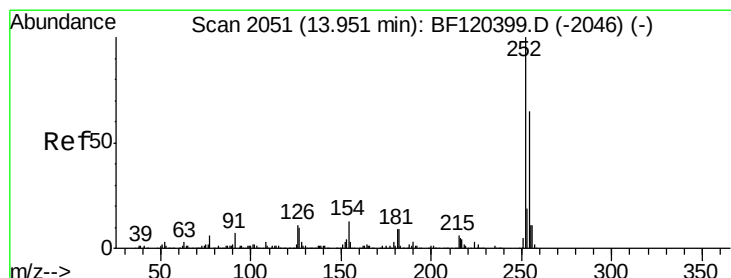
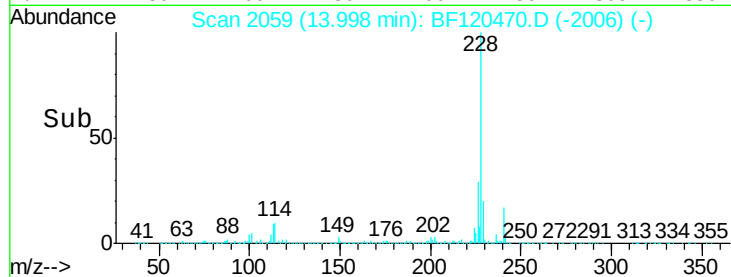
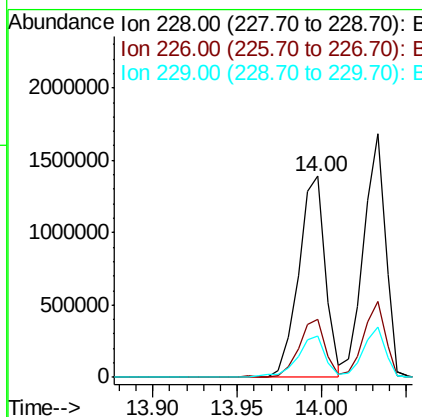
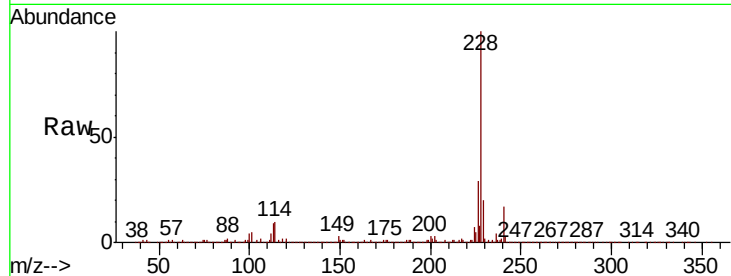
Time-->



#81
Benzo(a)anthracene
Concen: 57.914 ng
RT: 14.00 min Scan# 2059
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

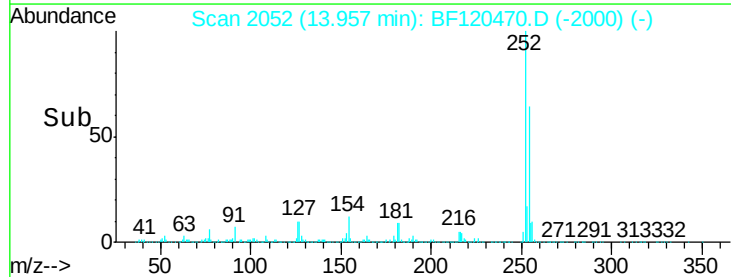
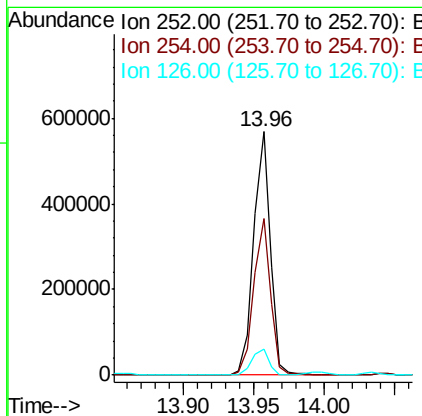
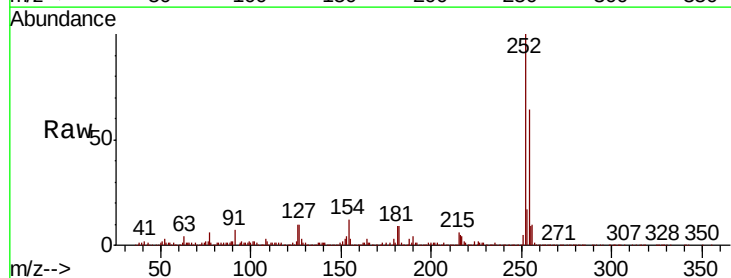
Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MSD

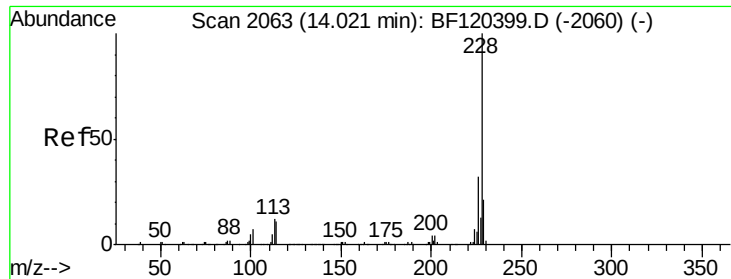
Tot Ion:228 Resp: 1523167
Ion Ratio Lower Upper
228 100
226 29.0 23.0 34.4
229 20.5 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 49.819 ng
RT: 13.96 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion:252 Resp: 475688
Ion Ratio Lower Upper
252 100
254 64.1 51.8 77.6
126 10.4 8.5 12.7





#83

Chrysene

Concen: 54.798 ng

RT: 14.03 min Scan# 2065

Delta R.T. 0.01 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MSD

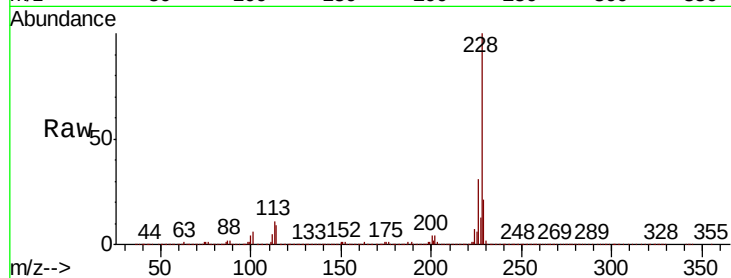
Tot Ion:228 Resp: 1510929

Ion Ratio Lower Upper

228 100

226 31.1 25.6 38.4

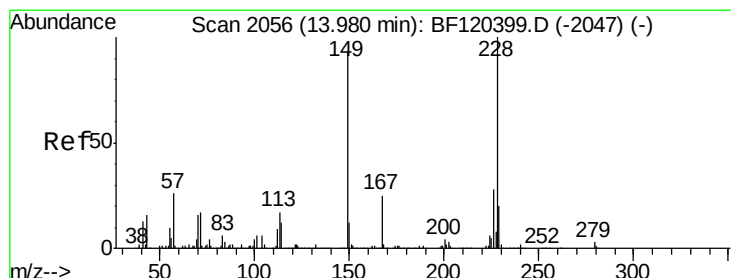
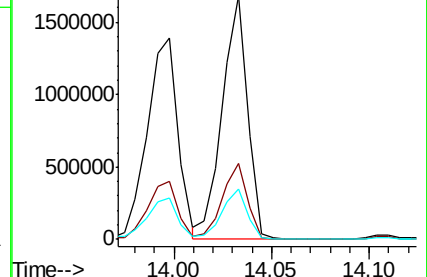
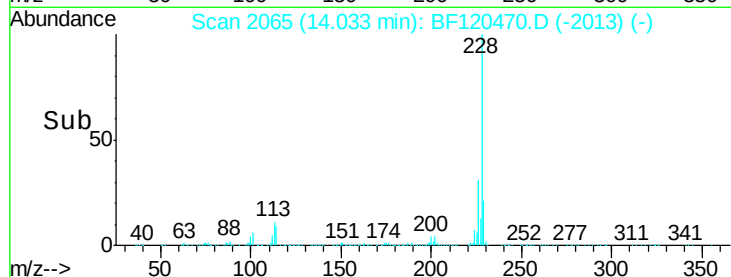
229 20.9 16.6 25.0



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.847 ng

RT: 13.99 min Scan# 2057

Delta R.T. 0.01 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

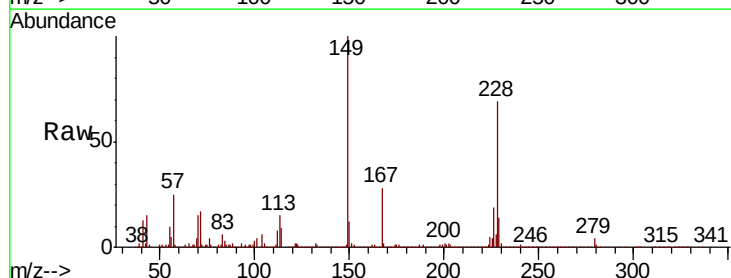
Tgt Ion:149 Resp: 900566

Ion Ratio Lower Upper

149 100

167 28.4 21.7 32.5

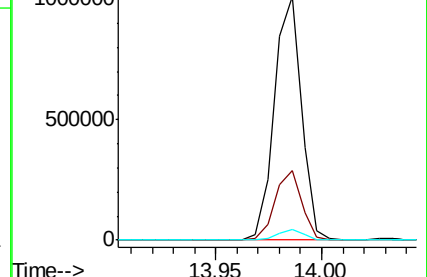
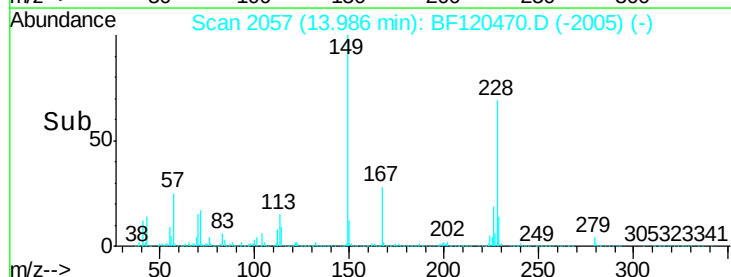
279 4.5 2.9 4.3#

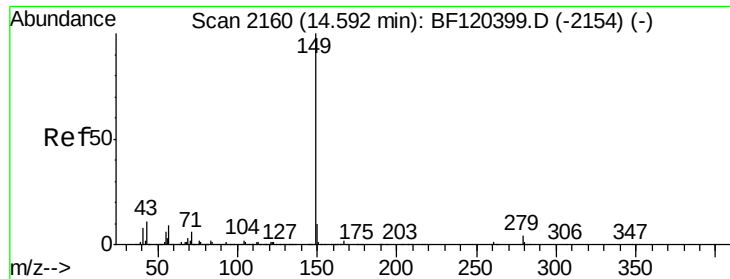


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

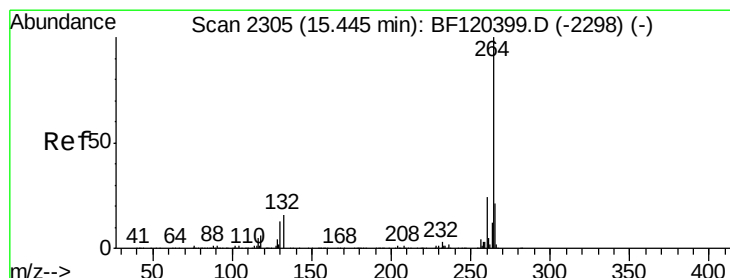
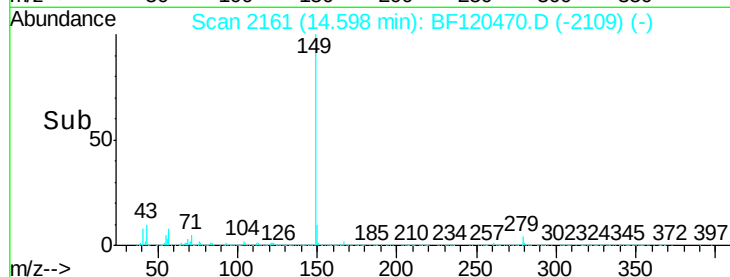
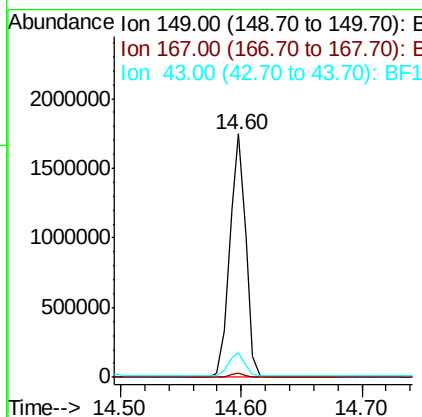
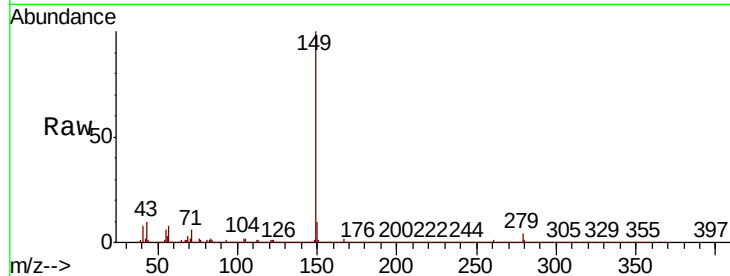




#85
Di-n-octyl phthalate
Concen: 54.676 ng
RT: 14.60 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

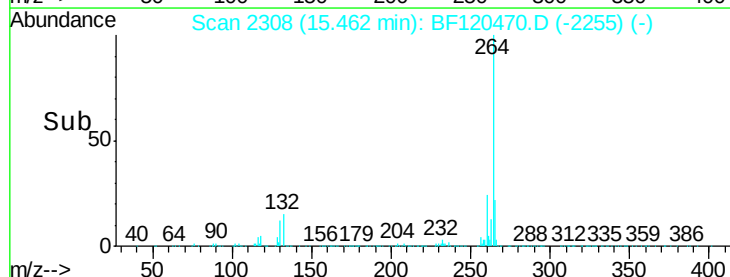
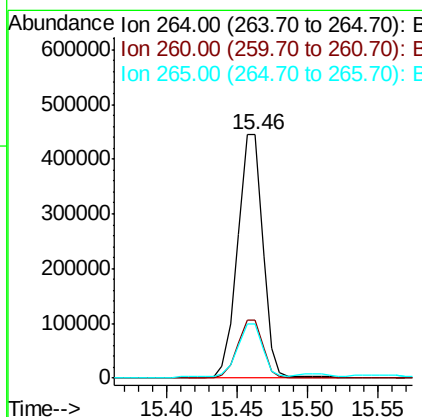
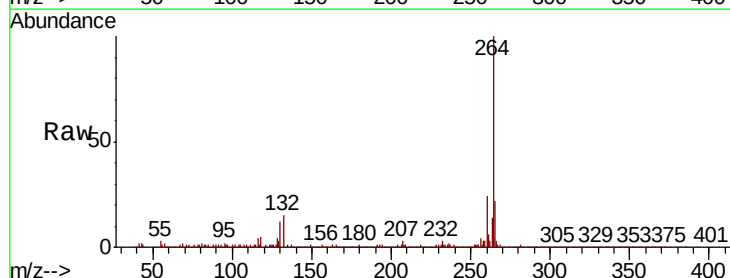
Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MSD

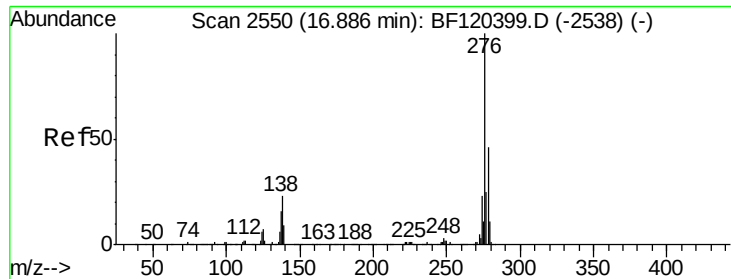
Tot Ion:149 Resp: 1582258
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.7 8.1 12.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion:264 Resp: 552518
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 22.2 16.9 25.3

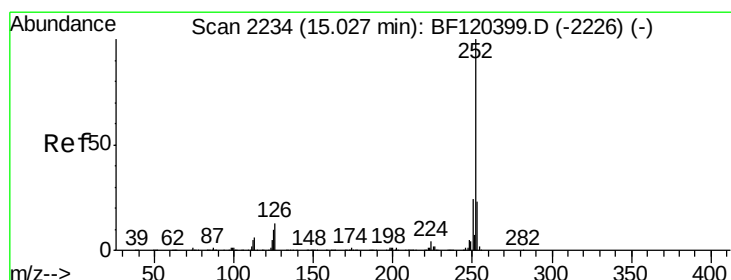
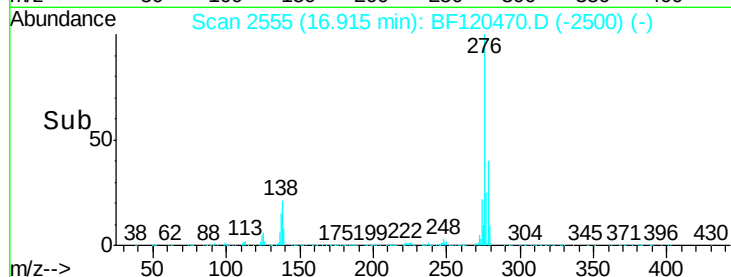
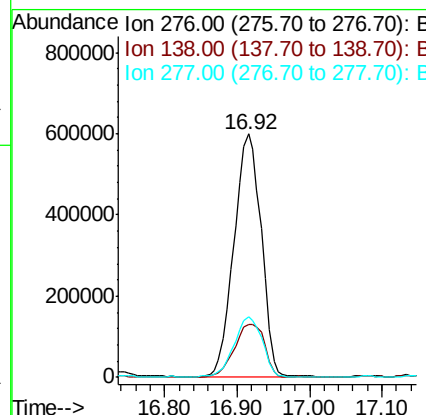
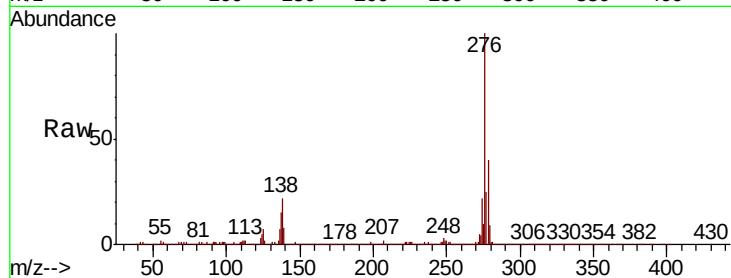




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.732 ng
 RT: 16.92 min Scan# 2555
 Delta R.T. 0.02 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

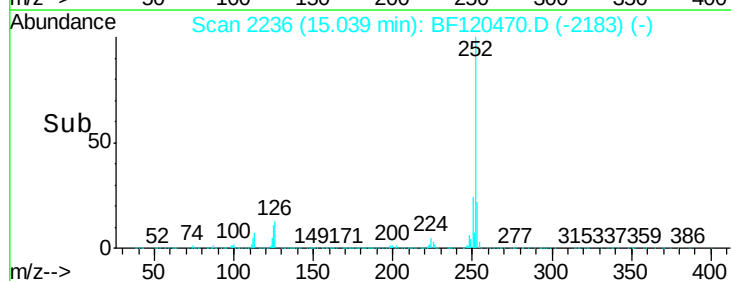
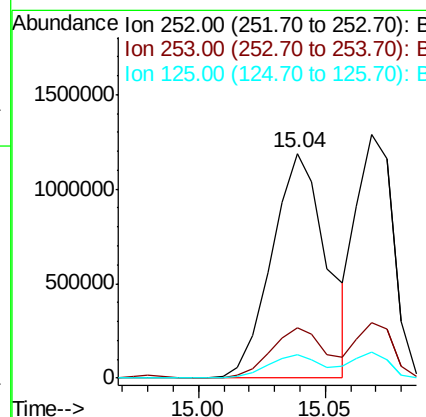
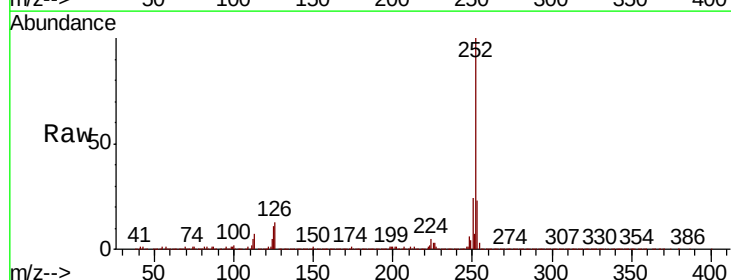
Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6MSD

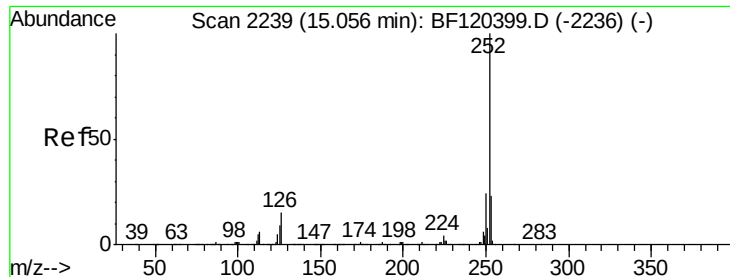
Tot Ion:276 Resp: 1563327
 Ion Ratio Lower Upper
 276 100
 138 23.7 20.4 30.6
 277 25.1 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 58.311 ng
 RT: 15.04 min Scan# 2236
 Delta R.T. 0.01 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

Tgt Ion:252 Resp: 1789487
 Ion Ratio Lower Upper
 252 100
 253 22.6 18.1 27.1
 125 10.7 7.8 11.8

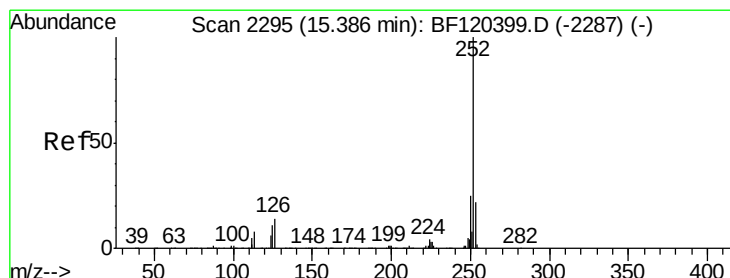
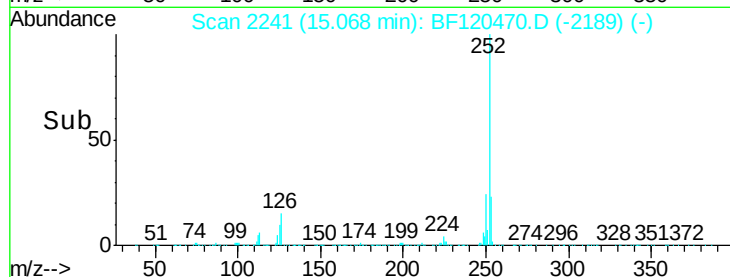
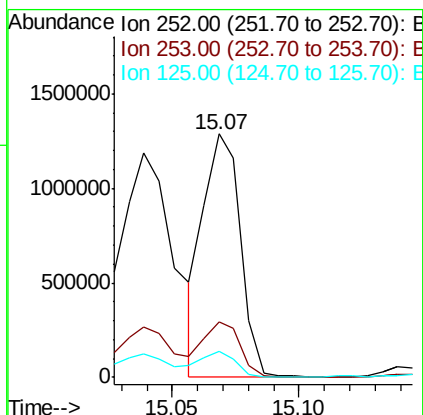
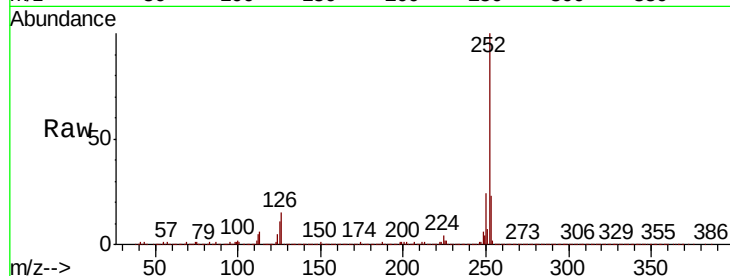




#89
Benzo(k)fluoranthene
Concen: 45.474 ng
RT: 15.07 min Scan# 2241
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

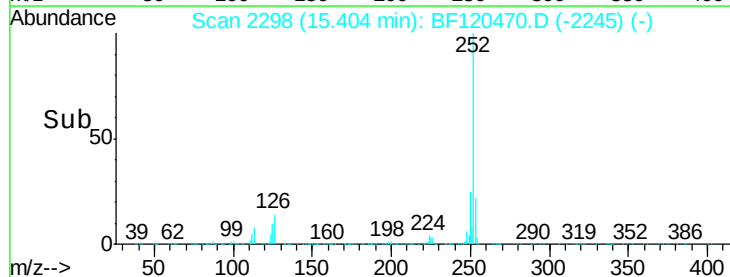
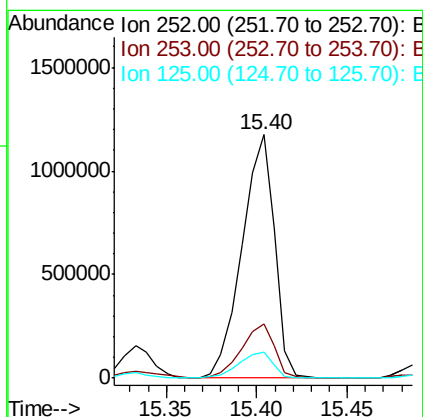
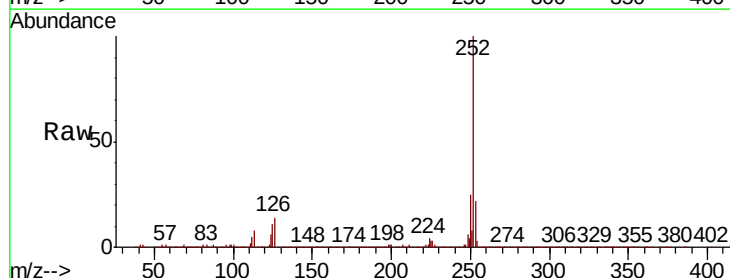
Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MSD

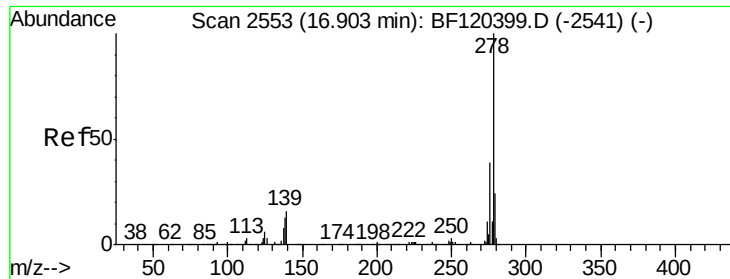
Tot Ion:252 Resp: 1302782
Ion Ratio Lower Upper
252 100
253 22.8 18.5 27.7
125 10.5 8.0 12.0



#90
Benzo(a)pyrene
Concen: 54.324 ng
RT: 15.40 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion:252 Resp: 1458235
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 10.6 8.7 13.1



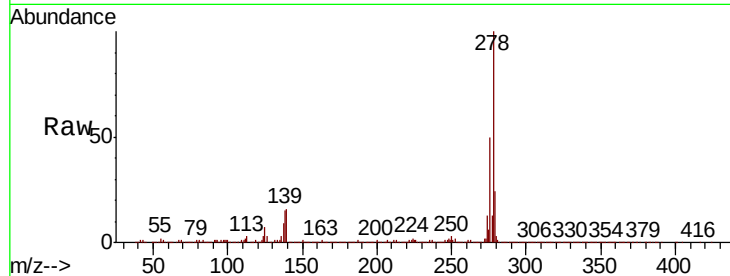


#91
Dibenzo(a,h)anthracene
Concen: 48.339 ng
RT: 16.93 min Scan# 2558
Delta R.T. 0.02 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

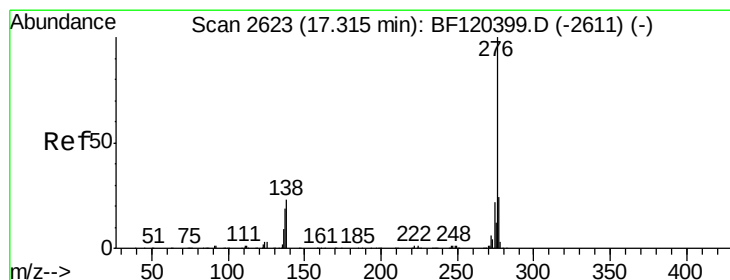
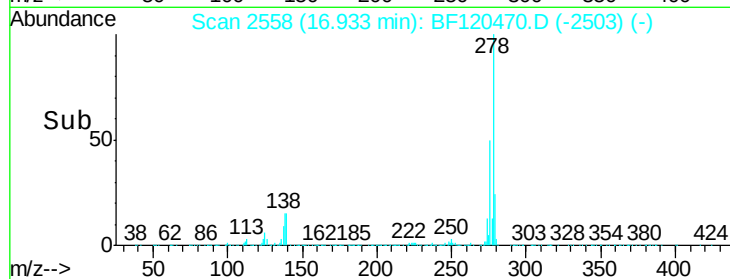
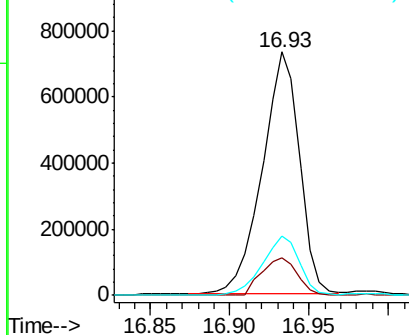
Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MSD

Tot Ion:278 Resp: 1190967

Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.8	19.2
279	24.2	19.0	28.4



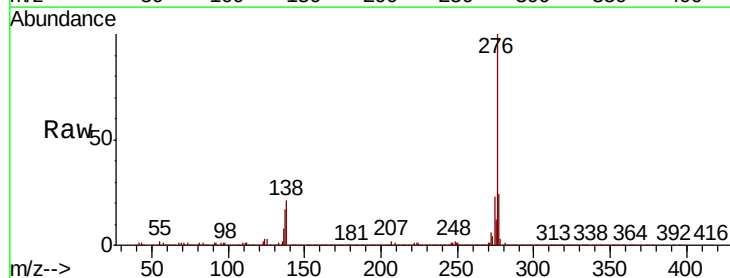
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 53.096 ng
RT: 17.36 min Scan# 2631
Delta R.T. 0.04 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion:276 Resp: 1290224

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.5	29.3
138	20.8	18.1	27.1



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

