

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122920\
 Data File : BF122870.D
 Acq On : 29 Dec 2020 18:44
 Operator : JU/CG
 Sample : L5215-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11991MSD

Quant Time: Dec 29 23:38:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	147184	20.00	ng	0.00
21) Naphthalene-d8	8.110	136	563298	20.00	ng	0.00
39) Acenaphthene-d10	9.863	164	288037	20.00	ng	0.00
64) Phenanthrene-d10	11.351	188	496808	20.00	ng	0.00
76) Chrysene-d12	13.992	240	329462	20.00	ng	0.00
86) Perylene-d12	15.451	264	332019	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1009263	108.56	ng	0.02
7) Phenol-d6	6.469	99	1258400	102.06	ng	0.01
23) Nitrobenzene-d5	7.392	82	810347	72.08	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	391075	103.73	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1478281	69.42	ng	0.00
79) Terphenyl-d14	12.933	244	1528006	81.18	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	154231	35.29	ng	99
3) Pyridine	3.399	79	437584	37.89	ng	99
4) n-Nitrosodimethylamine	3.357	42	190377	41.10	ng	98
6) Aniline	6.487	93	346682	23.89	ng	# 89
8) 2-Chlorophenol	6.610	128	470893	45.95	ng	96
9) Benzaldehyde	6.369	77	114204	15.30	ng	98
10) Phenol	6.481	94	557782	43.66	ng	95
11) bis(2-Chloroethyl)ether	6.557	93	430528	44.11	ng	99
12) 1,3-Dichlorobenzene	6.763	146	509075	41.99	ng	99
13) 1,4-Dichlorobenzene	6.840	146	510428	41.75	ng	99
14) 1,2-Dichlorobenzene	6.992	146	489416	41.47	ng	99
15) Benzyl Alcohol	6.969	79	376588	44.36	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	520754	37.41	ng	87
17) 2-Methylphenol	7.087	107	368508	45.24	ng	95
18) Hexachloroethane	7.334	117	183194	42.05	ng	98
19) n-Nitroso-di-n-propyla...	7.245	70	298639	42.28	ng	99
20) 3+4-Methylphenols	7.240	107	437241	42.49	ng	97
22) Acetophenone	7.234	105	591950	42.26	ng	# 96
24) Nitrobenzene	7.410	77	465730	41.64	ng	100
25) Isophorone	7.651	82	844486	43.61	ng	98
26) 2-Nitrophenol	7.722	139	253429	46.46	ng	99
27) 2,4-Dimethylphenol	7.763	122	395695	49.49	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	535797	40.40	ng	99
29) 2,4-Dichlorophenol	7.969	162	393536	42.15	ng	98
30) 1,2,4-Trichlorobenzene	8.051	180	427063	40.37	ng	99
31) Naphthalene	8.128	128	1282835	41.27	ng	100
32) Benzoic acid	7.922	122	278718	43.75	ng	99
33) 4-Chloroaniline	8.175	127	174100	13.40	ng	98
34) Hexachlorobutadiene	8.245	225	257723	39.58	ng	99
35) Caprolactam	8.563	113	86302	30.69	ng	97
36) 4-Chloro-3-methylphenol	8.675	107	412548	44.86	ng	97
37) 2-Methylnaphthalene	8.822	142	862700	41.96	ng	99
38) 1-Methylnaphthalene	8.922	142	795086	40.88	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	415160	43.51	ng	100
41) Hexachlorocyclopentadiene	8.975	237	265028	62.83	ng	98
43) 2,4,6-Trichlorophenol	9.104	196	280772	42.61	ng	99

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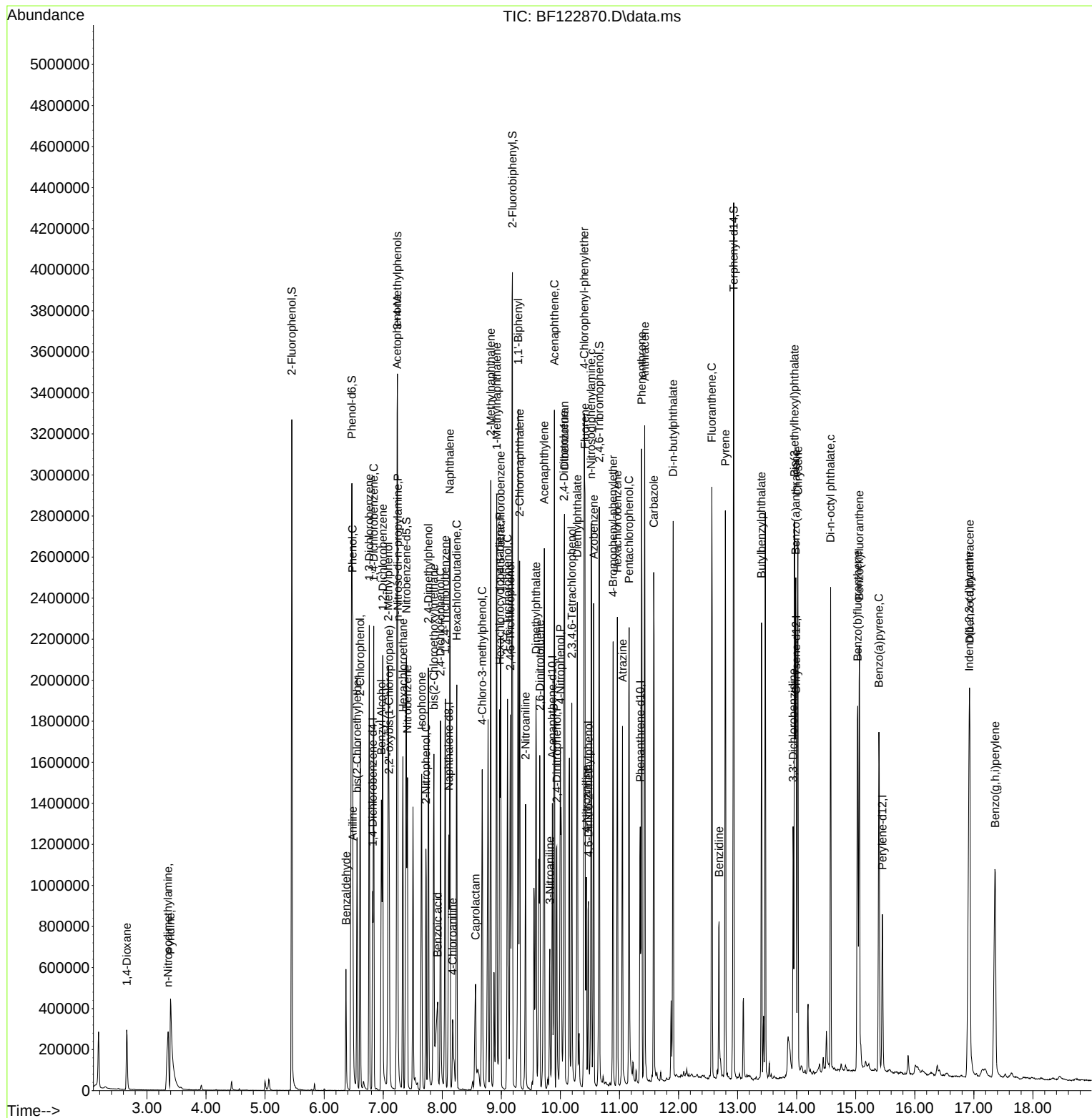
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	293747	43.13	ng	98
46) 1,1'-Biphenyl	9.286	154	1034505	43.28	ng	98
47) 2-Chloronaphthalene	9.310	162	821163	41.46	ng	99
48) 2-Nitroaniline	9.410	65	235609	40.80	ng	96
49) Acenaphthylene	9.728	152	1239113	42.36	ng	100
50) Dimethylphthalate	9.586	163	1086265	47.22	ng	99
51) 2,6-Dinitrotoluene	9.651	165	218005	44.87	ng	89
52) Acenaphthene	9.898	154	726003	38.36	ng	98
53) 3-Nitroaniline	9.822	138	122559	21.83	ng	99
54) 2,4-Dinitrophenol	9.939	184	202532	85.26	ng	92
55) Dibenzofuran	10.069	168	1106934	41.58	ng	99
56) 4-Nitrophenol	9.998	139	296548	74.08	ng	89
57) 2,4-Dinitrotoluene	10.063	165	276421	42.71	ng	98
58) Fluorene	10.416	166	856777	40.46	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	248781	41.58	ng	99
60) Diethylphthalate	10.286	149	946344	42.30	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	422819	40.55	ng	97
62) 4-Nitroaniline	10.439	138	203301	35.68	ng	99
63) Azobenzene	10.563	77	847515	41.21	ng	98
65) 4,6-Dinitro-2-methylph...	10.475	198	150090	49.54	ng	93
66) n-Nitrosodiphenylamine	10.522	169	782662	44.59	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	287655	42.73	ng	96
68) Hexachlorobenzene	10.963	284	304808	40.96	ng	99
69) Atrazine	11.051	200	217578	38.17	ng	100
70) Pentachlorophenol	11.163	266	323405	82.02	ng	99
71) Phenanthrene	11.375	178	1229761	41.65	ng	100
72) Anthracene	11.428	178	1285827	43.92	ng	100
73) Carbazole	11.580	167	1119864	42.18	ng	100
74) Di-n-butylphthalate	11.910	149	1375408	41.22	ng	99
75) Fluoranthene	12.563	202	1199164	38.73	ng	99
77) Benzidine	12.686	184	379925	53.31	ng	100
78) Pyrene	12.792	202	1179176	46.29	ng	99
80) Butylbenzylphthalate	13.404	149	510695	44.51	ng	99
81) Benzo(a)anthracene	13.980	228	965575	43.85	ng	98
82) 3,3'-Dichlorobenzidine	13.939	252	282521	35.83	ng	99
83) Chrysene	14.021	228	960468	43.83	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	699756	44.54	ng	99
85) Di-n-octyl phthalate	14.574	149	1118866	42.93	ng	98
87) Indeno(1,2,3-cd)pyrene	16.921	276	1095873	50.28	ng	99
88) Benzo(b)fluoranthene	15.033	252	1002149	43.02	ng	98
89) Benzo(k)fluoranthene	15.063	252	912897	42.86	ng	98
90) Benzo(a)pyrene	15.392	252	887888	43.57	ng	100
91) Dibenzo(a,h)anthracene	16.927	278	898525	50.37	ng	99
92) Benzo(g,h,i)perylene	17.362	276	933716	54.09	ng	97

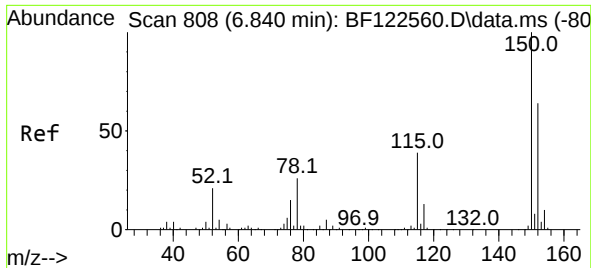
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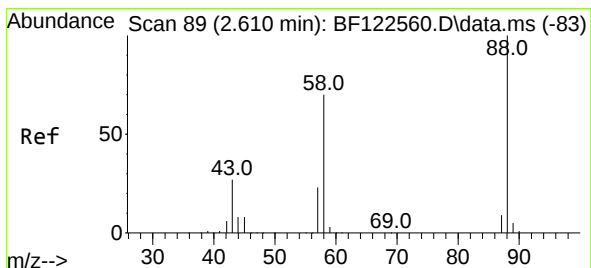
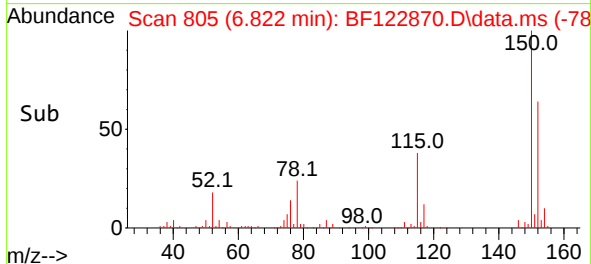
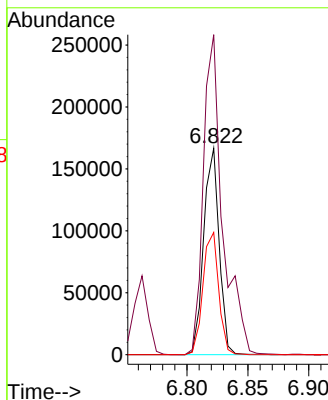
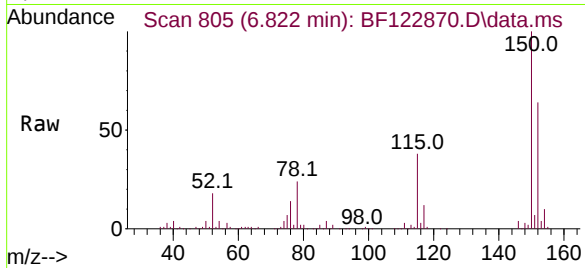




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

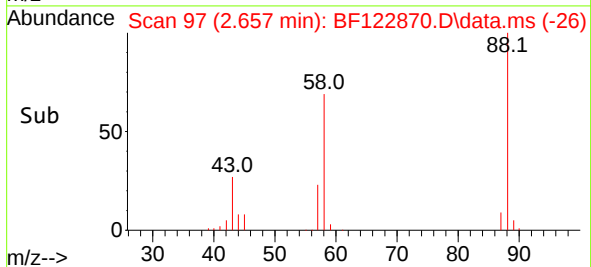
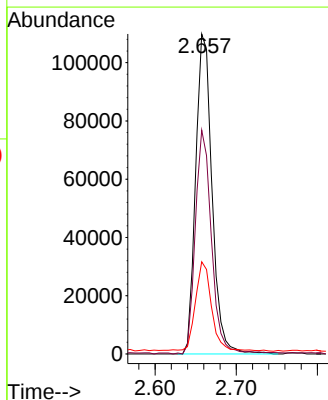
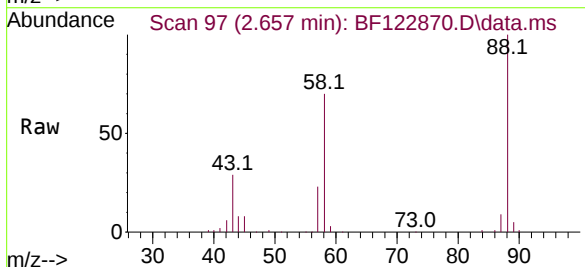
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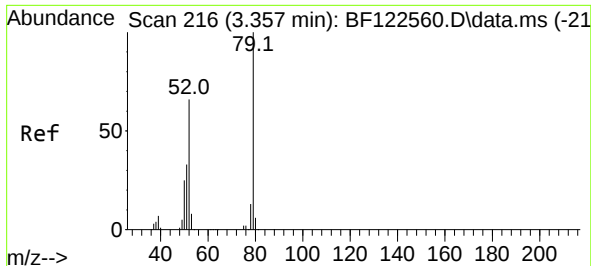
Tgt Ion:152 Resp: 147184
Ion Ratio Lower Upper
152 100
150 155.1 125.8 188.6
115 59.2 49.3 73.9



#2
1,4-Dioxane
Concen: 35.29 ng
RT: 2.657 min Scan# 97
Delta R.T. 0.118 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Tgt Ion: 88 Resp: 154231
Ion Ratio Lower Upper
88 100
58 69.6 56.2 84.2
43 27.9 21.8 32.6

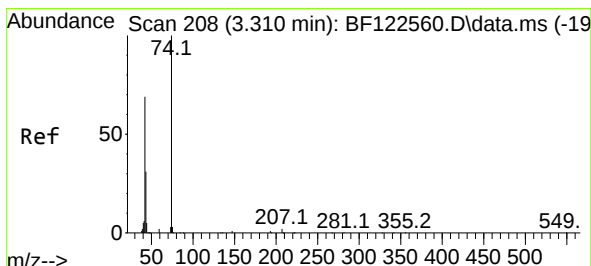
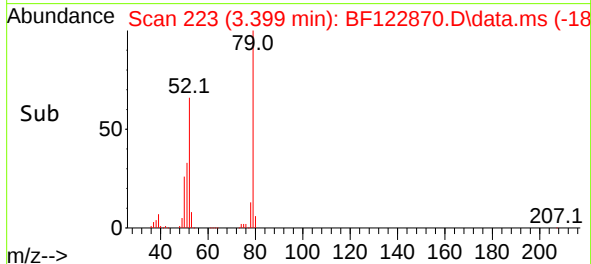
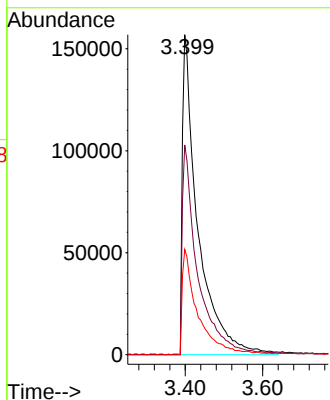
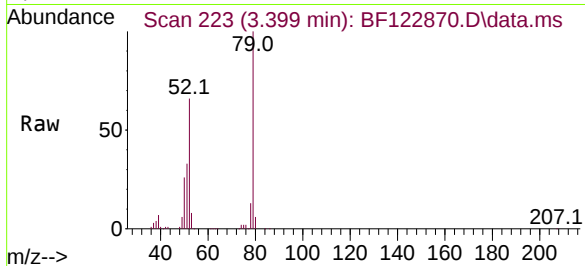




#3
Pyridine
Concen: 37.89 ng
RT: 3.399 min Scan# 223
Delta R.T. 0.112 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

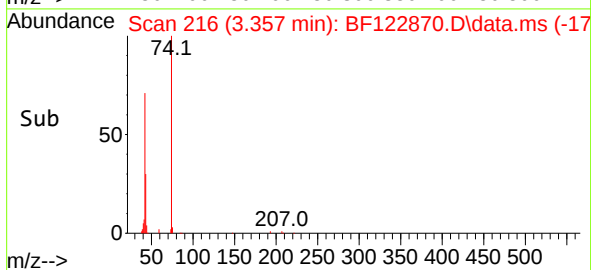
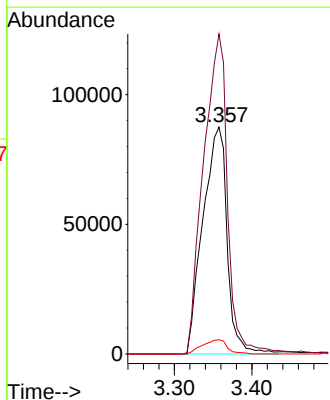
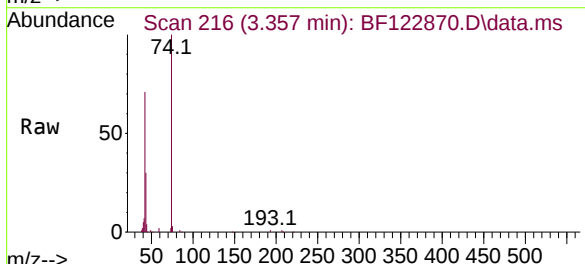
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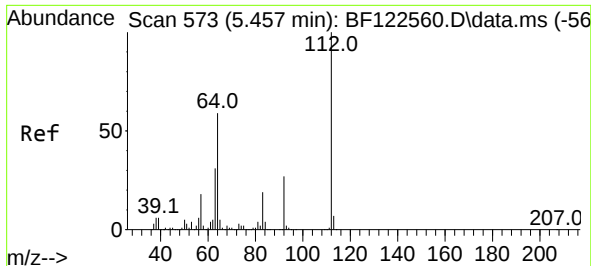
Tgt Ion: 79 Resp: 437584
Ion Ratio Lower Upper
79 100
52 65.6 53.0 79.4
51 32.9 26.6 39.8



#4
n-Nitrosodimethylamine
Concen: 41.10 ng
RT: 3.357 min Scan# 216
Delta R.T. 0.118 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Tgt Ion: 42 Resp: 190377
Ion Ratio Lower Upper
42 100
74 141.0 115.2 172.8
44 6.3 5.4 8.0

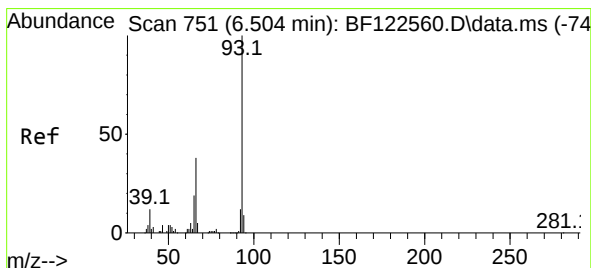
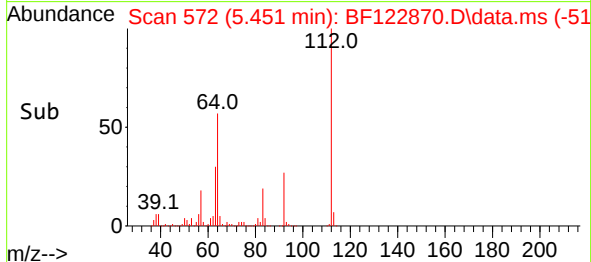
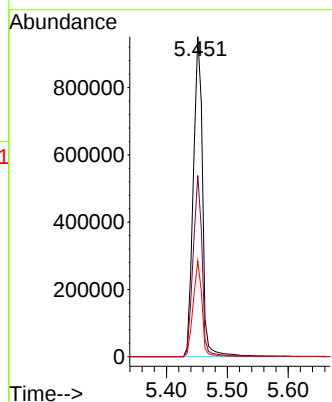
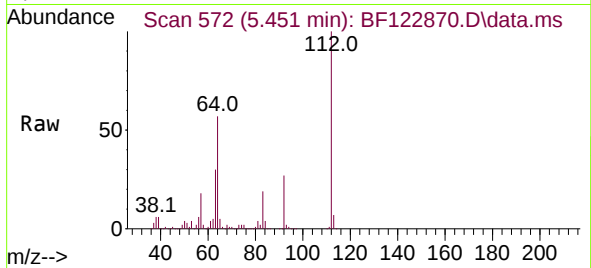




#5
2-Fluorophenol
Concen: 108.56 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.018 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

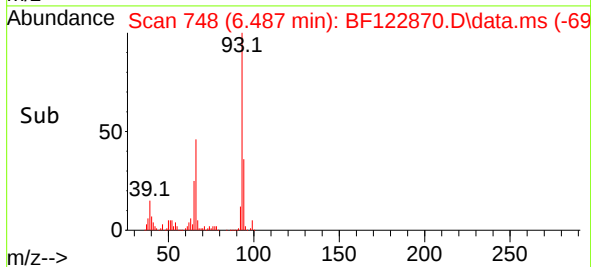
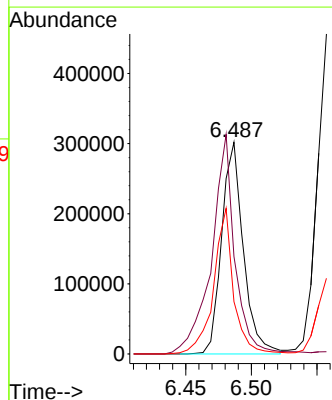
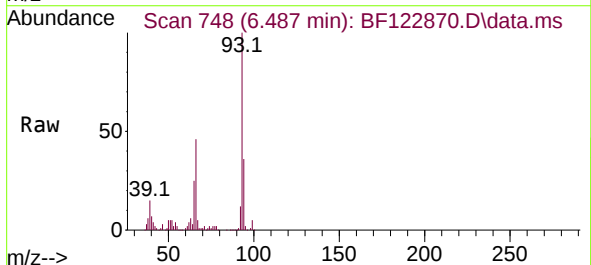
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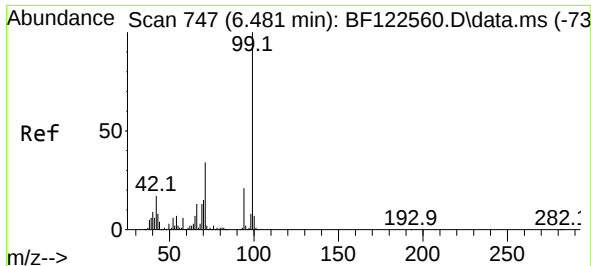
Tgt Ion:112 Resp: 1009263
Ion Ratio Lower Upper
112 100
64 56.6 46.9 70.3
63 30.0 24.5 36.7



#6
Aniline
Concen: 23.89 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Tgt Ion: 93 Resp: 346682
Ion Ratio Lower Upper
93 100
66 46.0 31.3 46.9
65 24.7 15.6 23.4#

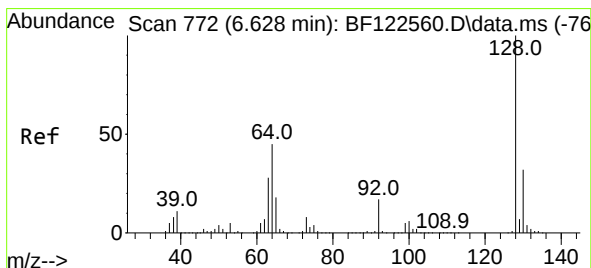
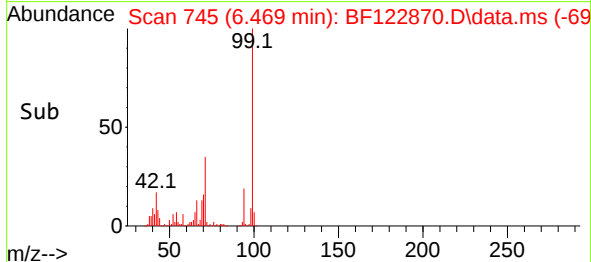
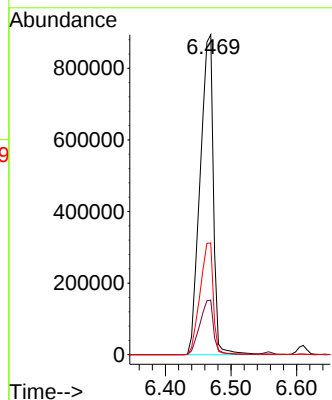
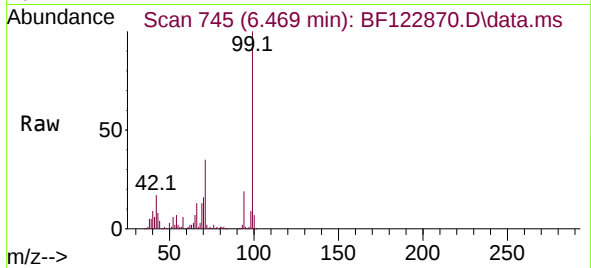




#7
Phenol-d6
Concen: 102.06 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.012 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

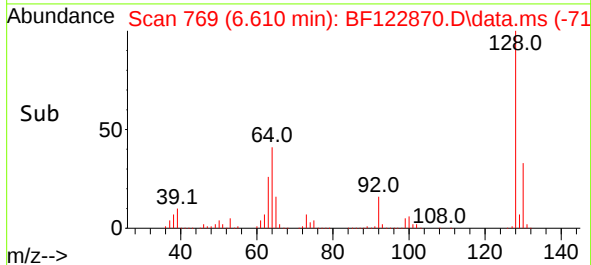
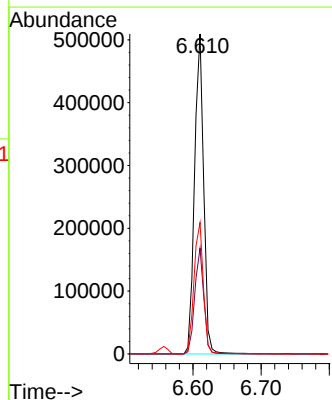
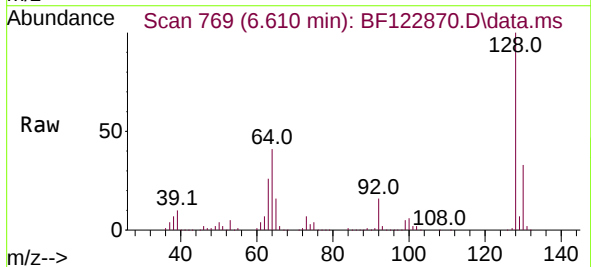
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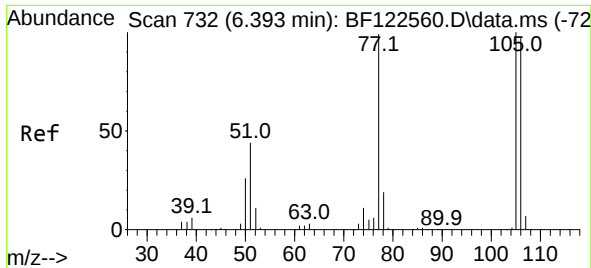
Tgt Ion: 99 Resp: 1258400
Ion Ratio Lower Upper
99 100
42 17.0 13.8 20.6
71 34.9 26.9 40.3



#8
2-Chlorophenol
Concen: 45.95 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Tgt Ion: 128 Resp: 470893
Ion Ratio Lower Upper
128 100
130 33.1 12.3 52.3
64 41.1 25.5 65.5

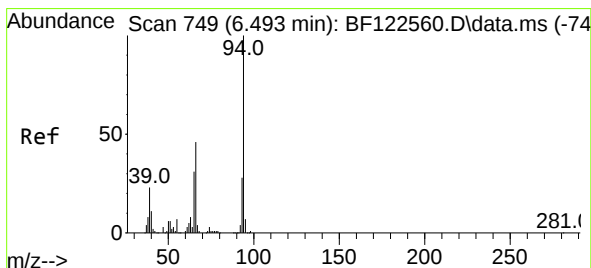
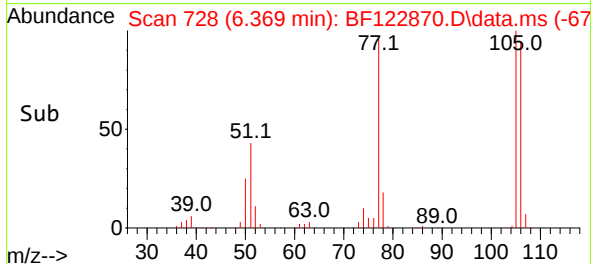
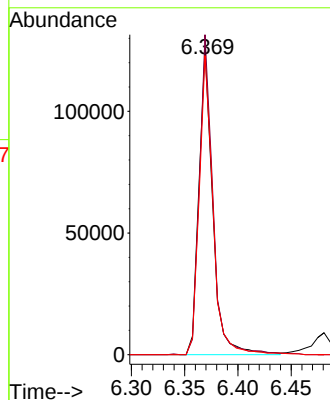
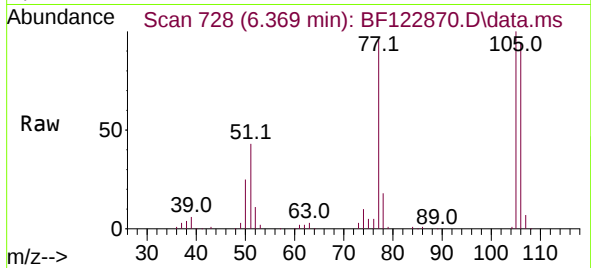




#9
Benzaldehyde
Concen: 15.30 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.006 min
Lab File: BF122870.D
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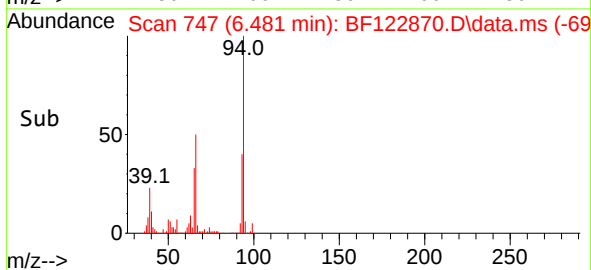
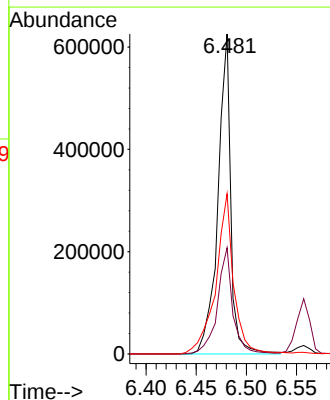
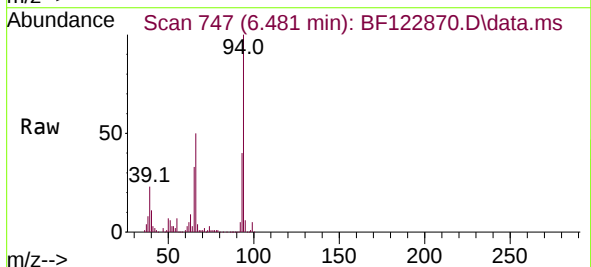
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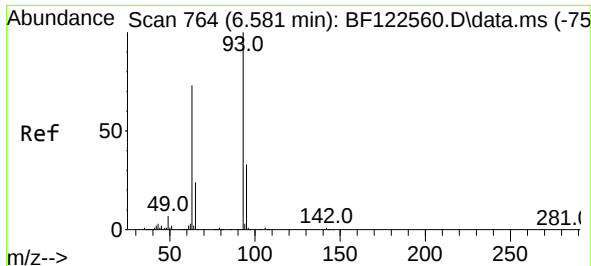
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Ion	Ratio	Lower	Upper
77	100		
105	104.2	80.6	120.6
106	97.4	77.2	117.2



#10
Phenol
Concen: 43.66 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.012 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Tgt Ion:	94	Resp:	557782
Ion	Ratio	Lower	Upper
94	100		
65	33.2	11.2	51.2
66	50.0	25.8	65.8

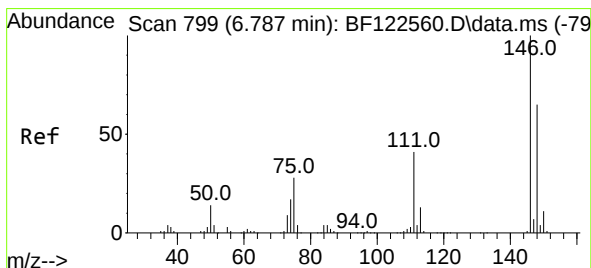
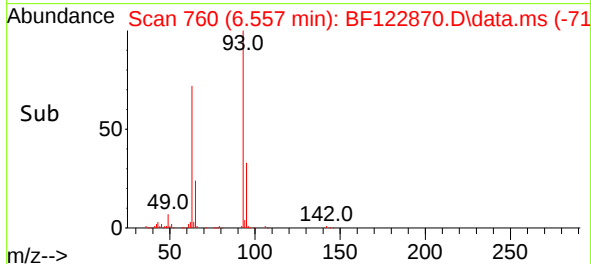
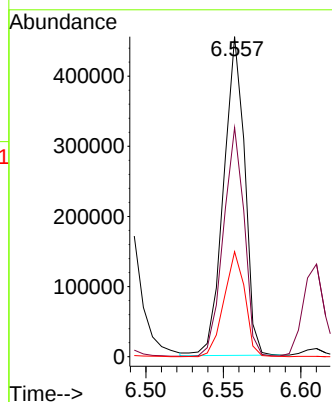
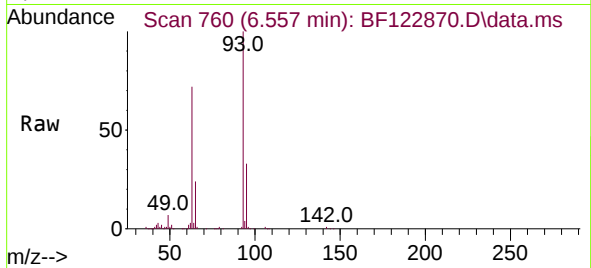




#11
bis(2-Chloroethyl)ether
Concen: 44.11 ng
RT: 6.557 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

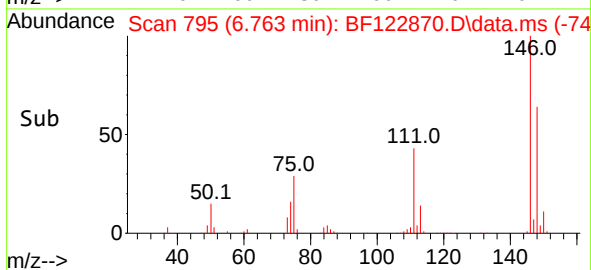
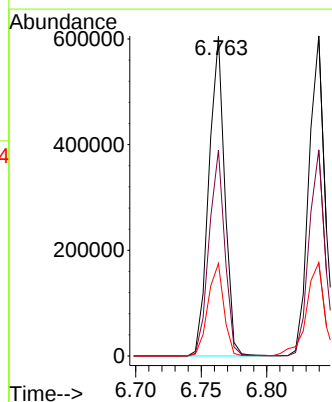
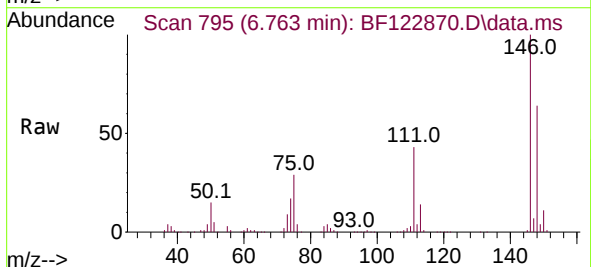
Instrument :
BNA_F
ClientSampleId :
72-11991MSD

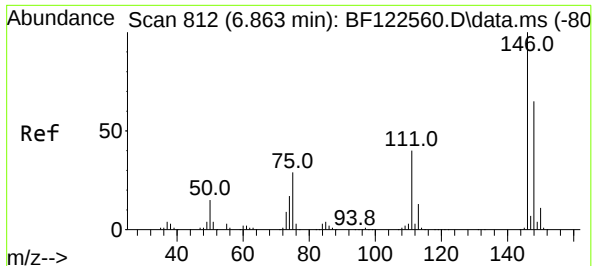
Tgt Ion: 93 Resp: 430528
Ion Ratio Lower Upper
93 100
63 71.6 52.6 92.6
95 32.8 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.99 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Tgt Ion:146 Resp: 509075
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.8
75 28.9 22.5 33.7





#13

1,4-Dichlorobenzene

Concen: 41.75 ng

RT: 6.840 min Scan# 808

Delta R.T. -0.000 min

Lab File: BF122870.D

Acq: 29 Dec 2020 18:44

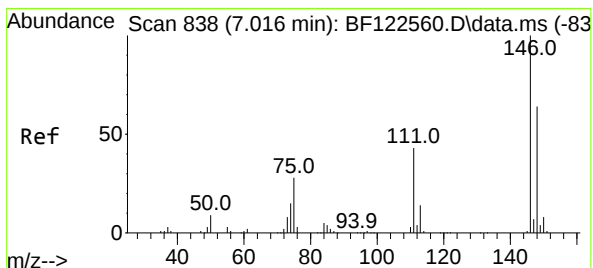
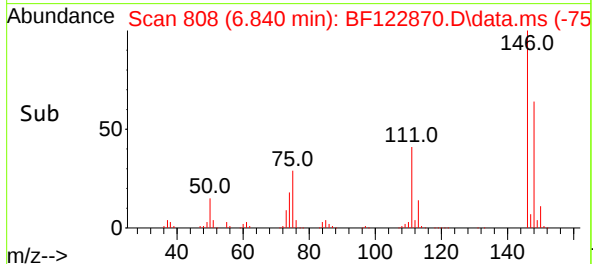
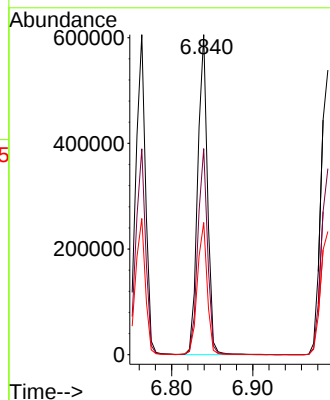
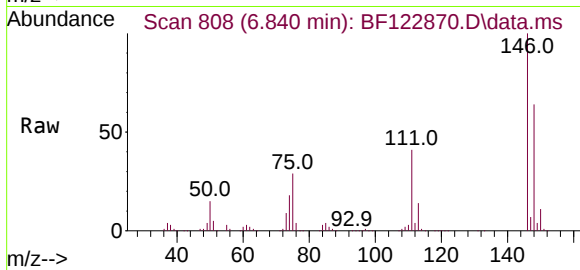
Tgt Ion:146 Resp: 510428

Ion Ratio Lower Upper

146 100

148 64.4 52.0 78.0

111 41.3 32.3 48.5



#14

1,2-Dichlorobenzene

Concen: 41.47 ng

RT: 6.992 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF122870.D

Acq: 29 Dec 2020 18:44

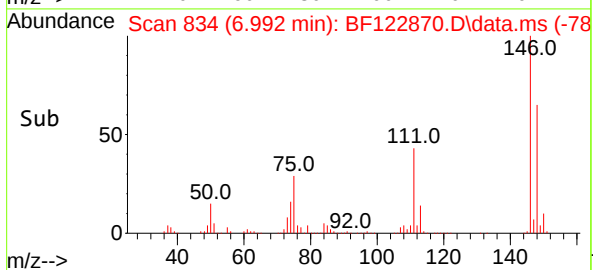
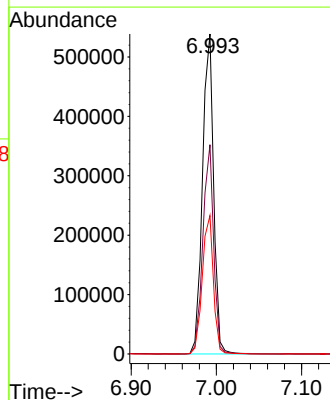
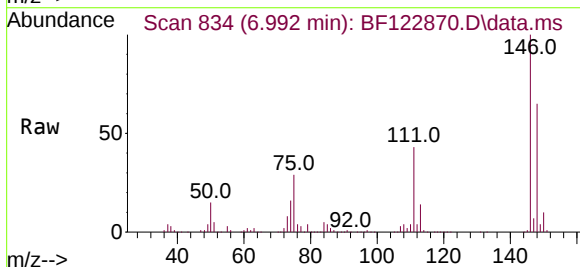
Tgt Ion:146 Resp: 489416

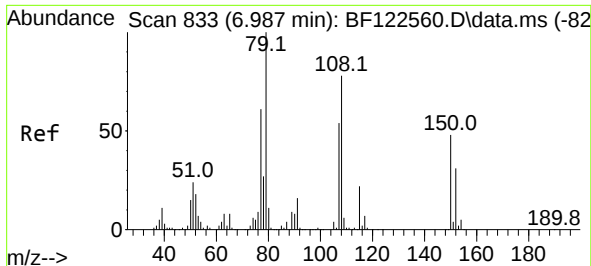
Ion Ratio Lower Upper

146 100

148 65.4 51.5 77.3

111 43.3 34.2 51.2

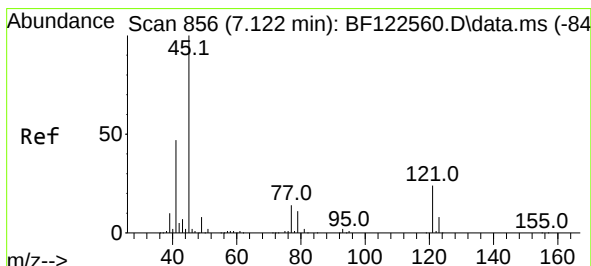
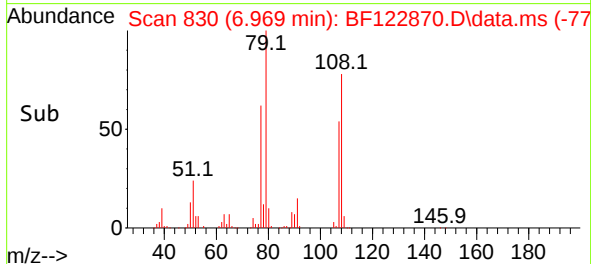
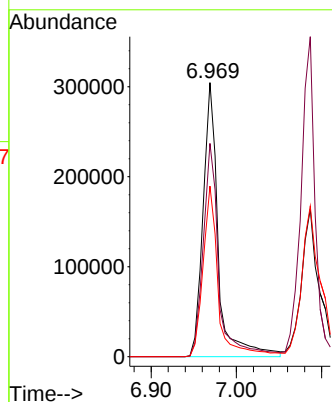
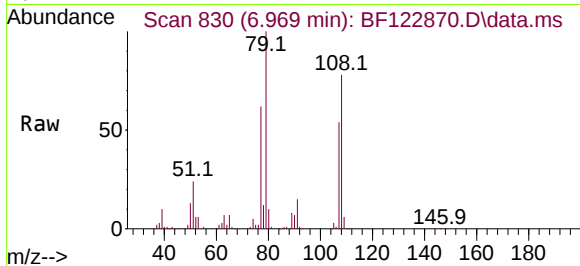




#15
Benzyl Alcohol
Concen: 44.36 ng
RT: 6.969 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

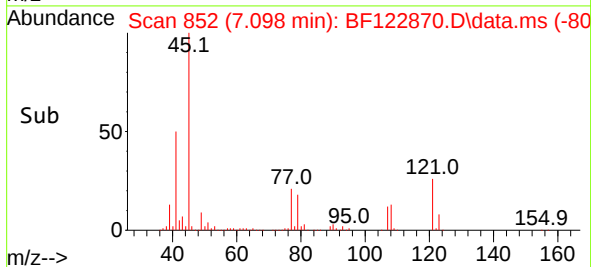
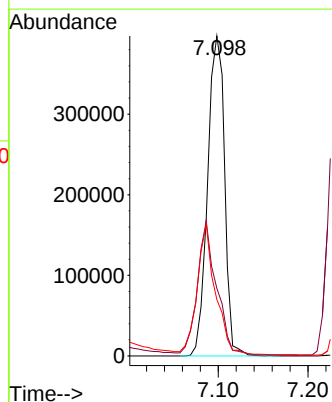
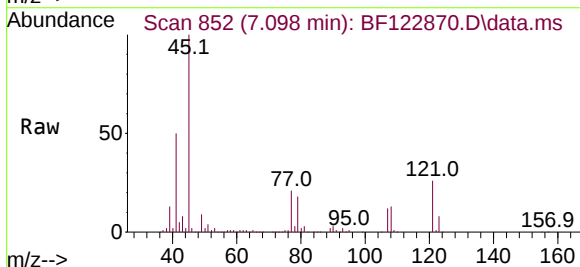
Instrument :
BNA_F
ClientSampleId :
72-11991MSD

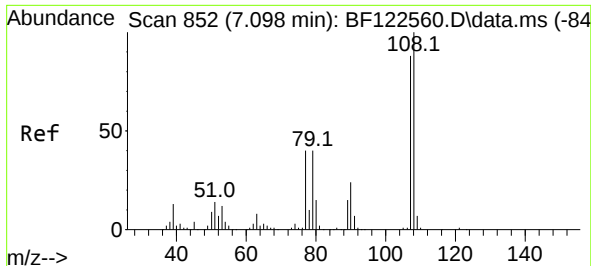
Tgt Ion: 79 Resp: 376588
Ion Ratio Lower Upper
79 100
108 77.8 62.4 93.6
77 62.2 49.0 73.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.41 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Tgt Ion: 45 Resp: 520754
Ion Ratio Lower Upper
45 100
77 21.2 0.0 35.6
79 17.7 0.0 32.4

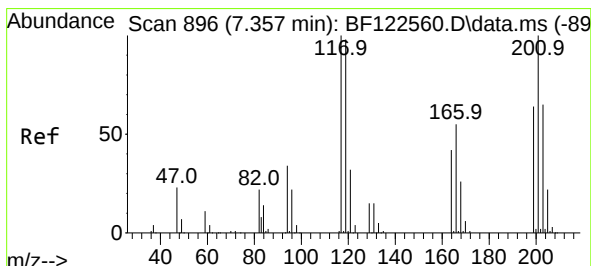
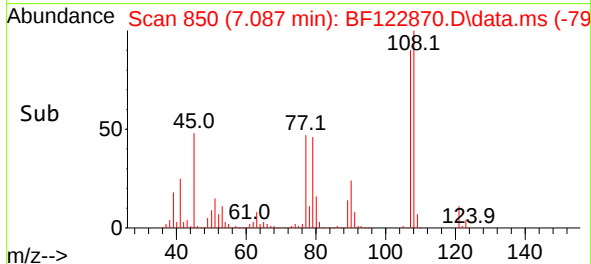
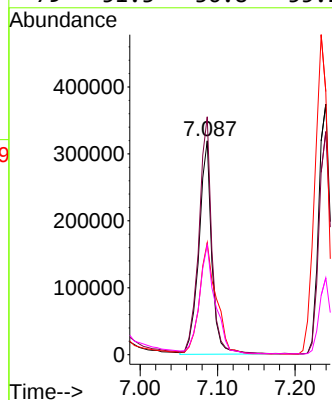
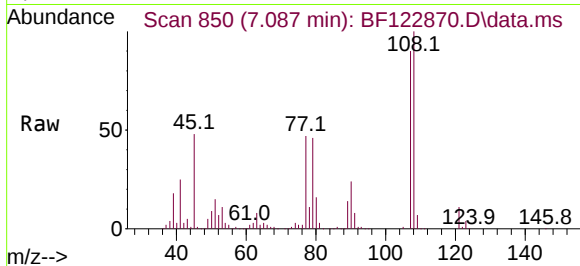




#17
2-Methylphenol
Concen: 45.24 ng
RT: 7.087 min Scan# 850
Delta R.T. 0.006 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

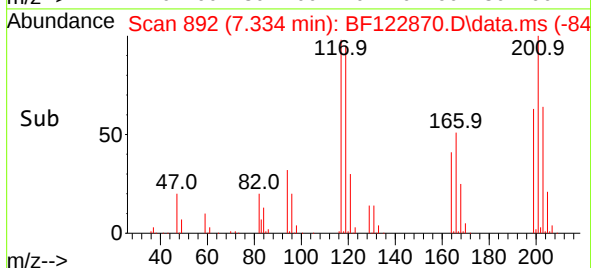
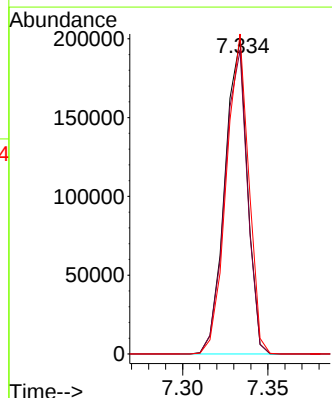
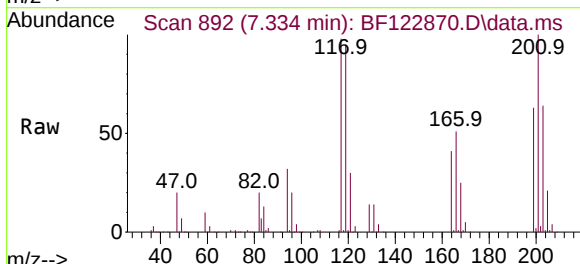
Instrument :
BNA_F
ClientSampleId :
72-11991MSD

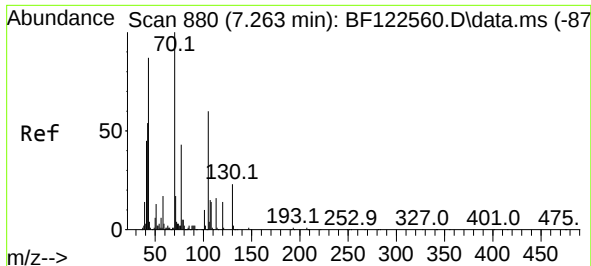
Tgt Ion:	107	Resp:	368508
Ion	Ratio	Lower	Upper
107	100		
108	111.2	91.1	136.7
77	52.3	36.3	54.5
79	51.3	36.8	55.2



#18
Hexachloroethane
Concen: 42.05 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Tgt Ion:	117	Resp:	183194
Ion	Ratio	Lower	Upper
117	100		
119	96.8	78.4	117.6
201	101.9	79.6	119.4



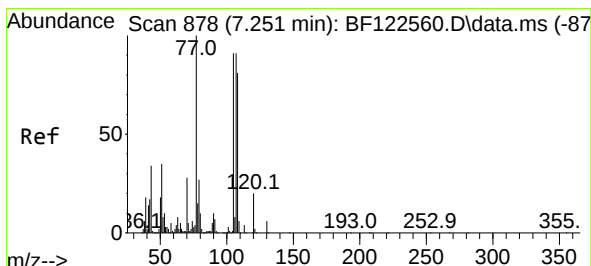
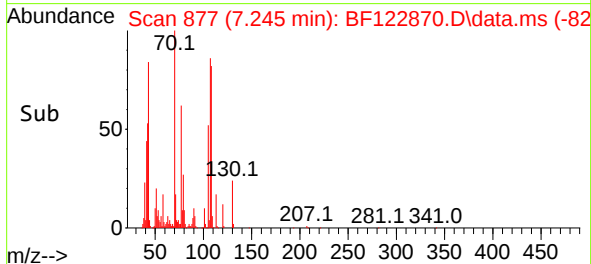
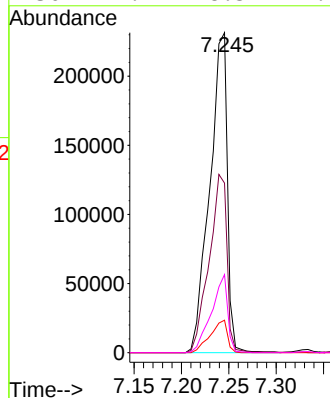
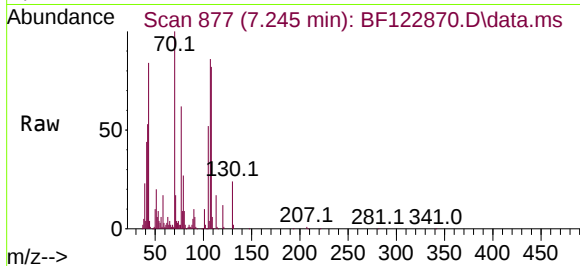


#19
n-Nitroso-di-n-propylamine
Concen: 42.28 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.006 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Instrument :
BNA_F
ClientSampleId :
72-11991MSD

Tgt Ion: 70 Resp: 298639

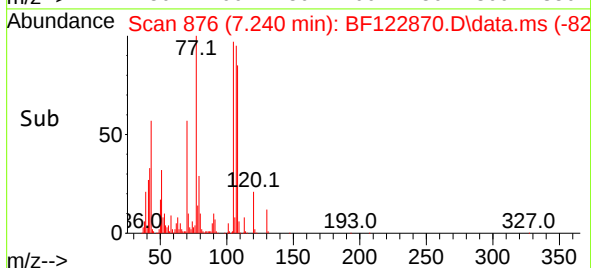
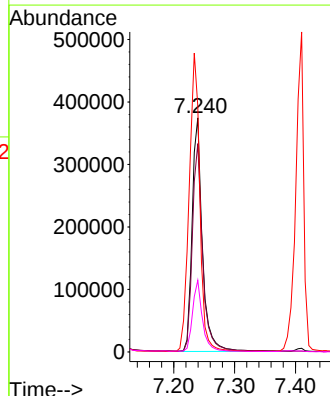
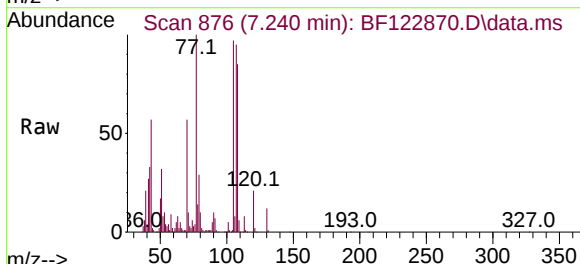
Ion	Ratio	Lower	Upper
70	100		
42	53.0	43.0	64.4
101	10.2	7.9	11.9
130	24.4	18.5	27.7

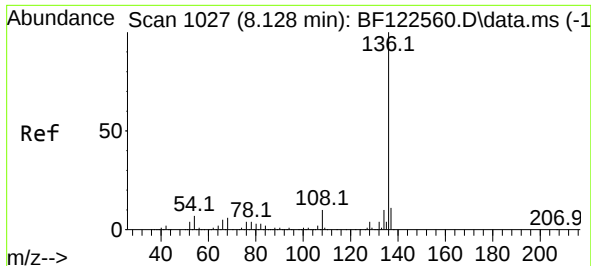


#20
3+4-Methylphenols
Concen: 42.49 ng
RT: 7.240 min Scan# 876
Delta R.T. 0.006 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Tgt Ion: 107 Resp: 437241

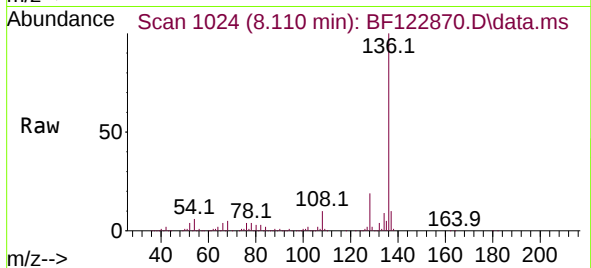
Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.7	108.7
77	105.0	89.8	129.8
79	30.6	9.8	49.8



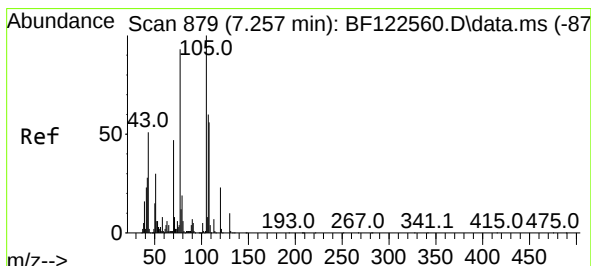
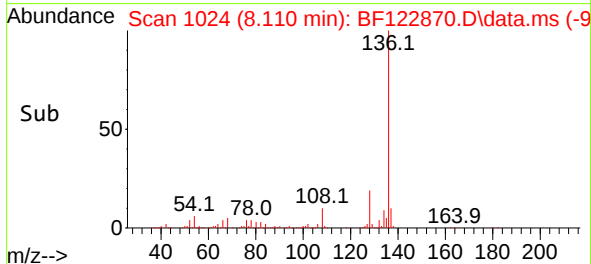
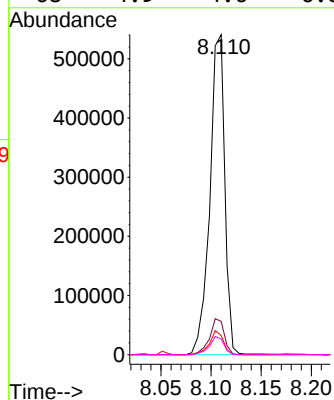


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Instrument :
BNA_F
ClientSampleId :
72-11991MSD

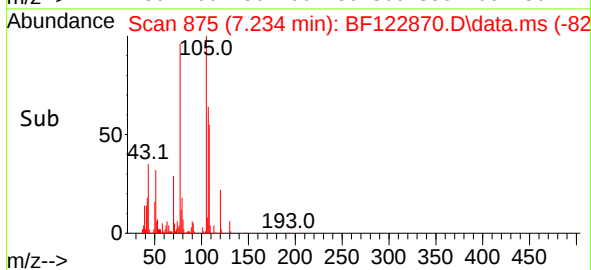
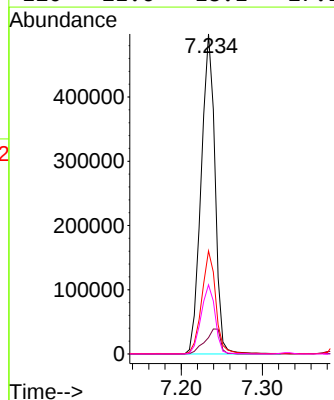
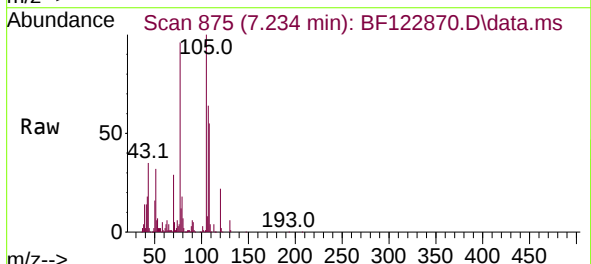


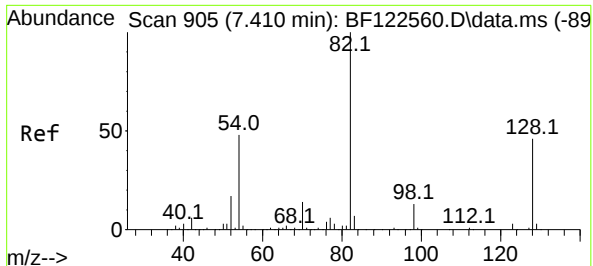
Tgt Ion:136	Resp: 563298
Ion Ratio	Lower Upper
136 100	
137 10.4	8.8 13.2
54 6.0	5.5 8.3
68 4.9	4.6 6.8



#22
Acetophenone
Concen: 42.26 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Tgt Ion:105	Resp: 591950
Ion Ratio	Lower Upper
105 100	
71 5.1	6.5 9.7#
51 32.2	24.3 36.5
120 21.6	18.1 27.1





#23

Nitrobenzene-d5

Concen: 72.08 ng

RT: 7.392 min Scan# 902

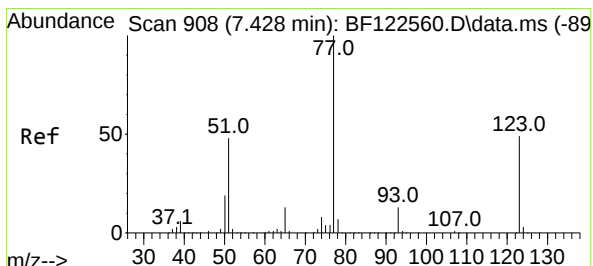
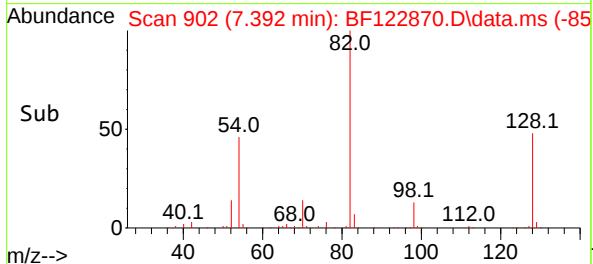
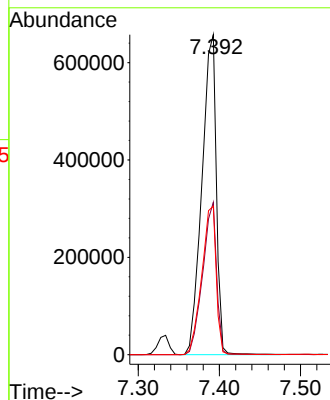
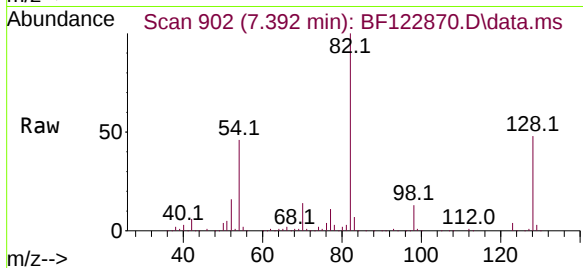
Delta R.T. -0.000 min

Lab File: BF122870.D

Acq: 29 Dec 2020 18:44

Tgt Ion: 82 Resp: 810347

Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.0	55.4
54	46.4	38.4	57.6



#24

Nitrobenzene

Concen: 41.64 ng

RT: 7.410 min Scan# 905

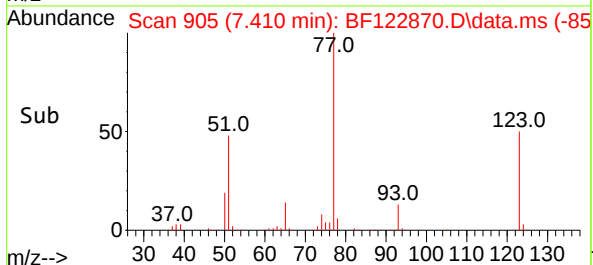
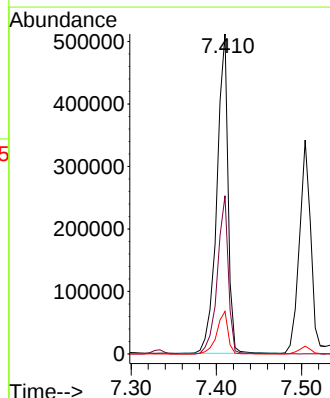
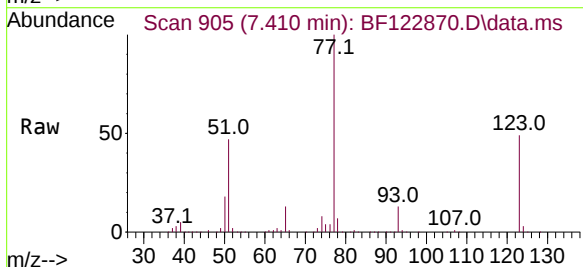
Delta R.T. -0.000 min

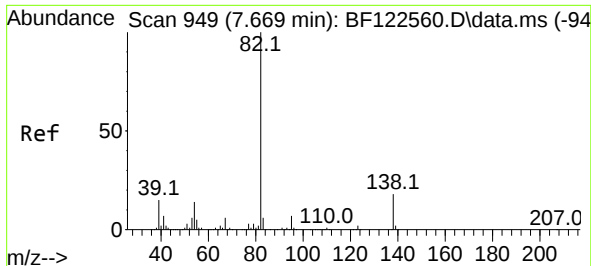
Lab File: BF122870.D

Acq: 29 Dec 2020 18:44

Tgt Ion: 77 Resp: 465730

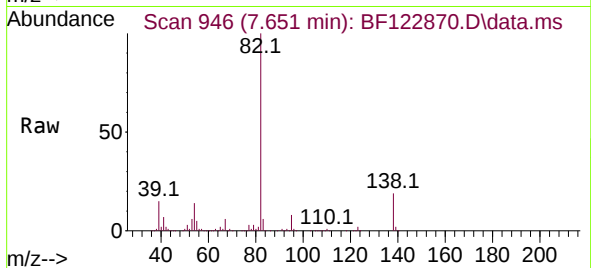
Ion	Ratio	Lower	Upper
77	100		
123	49.5	39.3	58.9
65	13.3	10.6	15.8



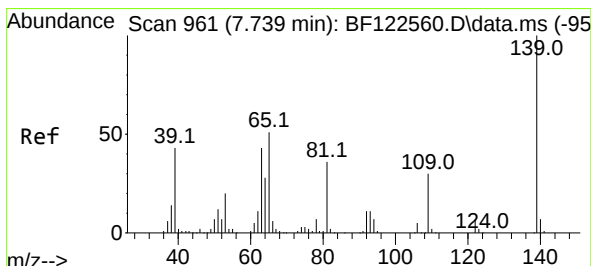
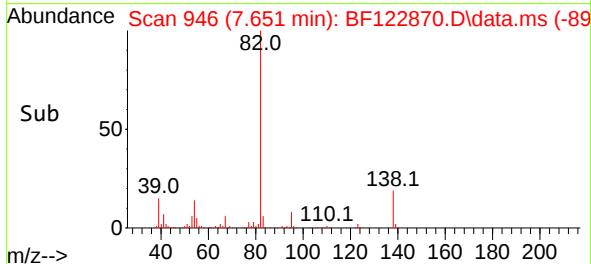
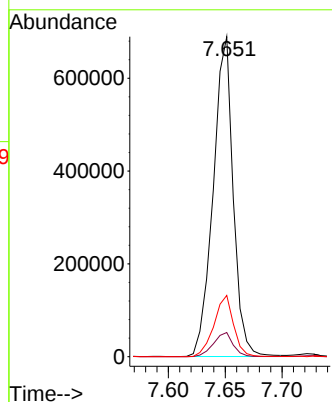


#25
Isophorone
Concen: 43.61 ng
RT: 7.651 min Scan# 946
Delta R.T. 0.006 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Instrument :
BNA_F
ClientSampleId :
72-11991MSD

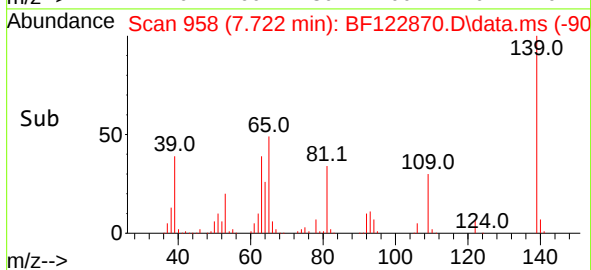
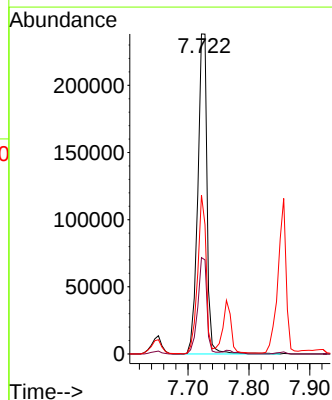
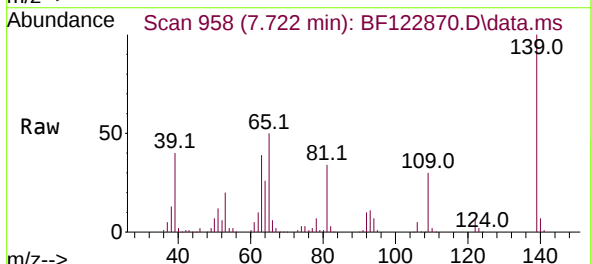


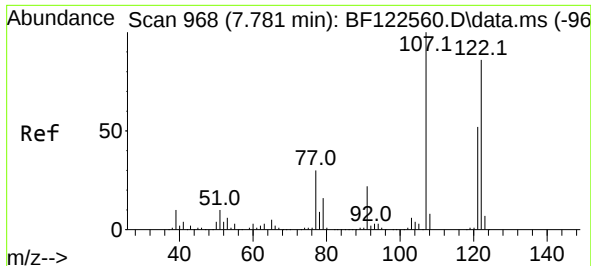
Tgt Ion: 82 Resp: 844486
Ion Ratio Lower Upper
82 100
95 7.6 5.8 8.6
138 19.1 14.6 21.8



#26
2-Nitrophenol
Concen: 46.46 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Tgt Ion: 139 Resp: 253429
Ion Ratio Lower Upper
139 100
109 30.1 24.0 36.0
65 49.7 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 49.49 ng

RT: 7.763 min Scan# 965

Delta R.T. -0.000 min

Lab File: BF122870.D

Acq: 29 Dec 2020 18:44

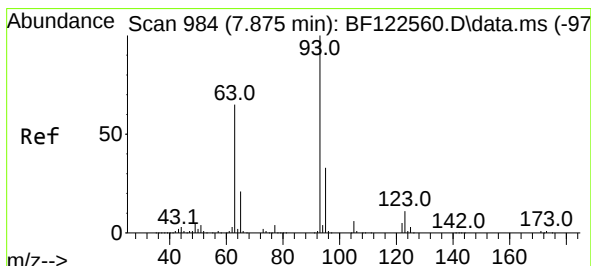
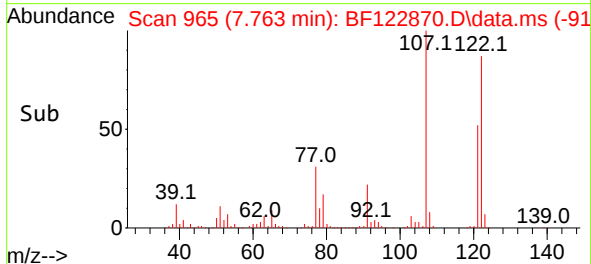
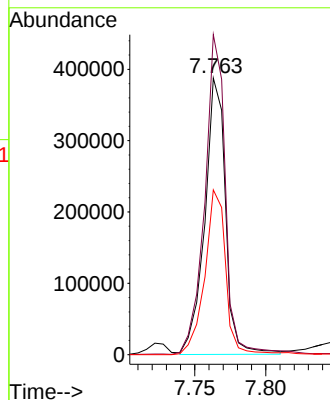
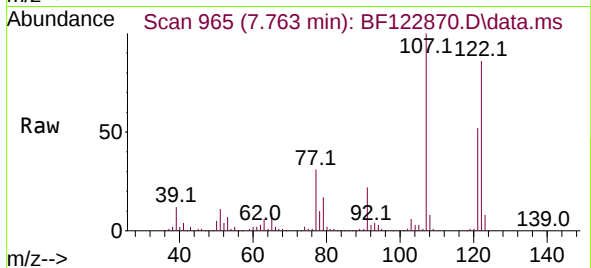
Tgt Ion:122 Resp: 395695

Ion Ratio Lower Upper

122 100

107 115.7 91.8 137.8

121 59.6 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 40.40 ng

RT: 7.857 min Scan# 981

Delta R.T. -0.000 min

Lab File: BF122870.D

Acq: 29 Dec 2020 18:44

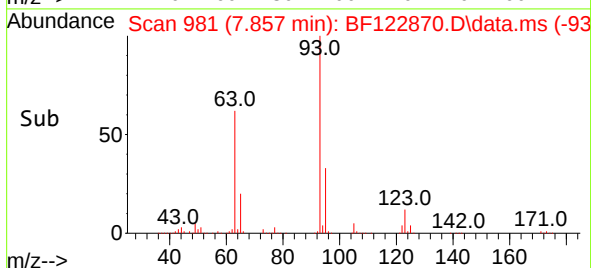
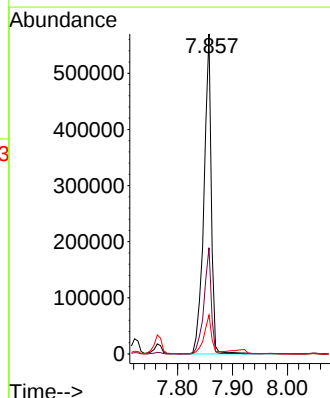
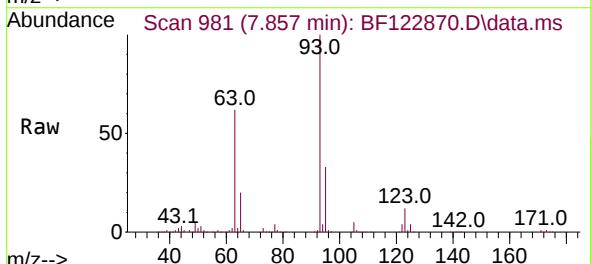
Tgt Ion: 93 Resp: 535797

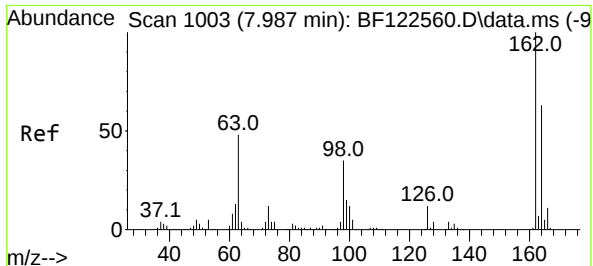
Ion Ratio Lower Upper

93 100

95 33.2 26.2 39.2

123 12.2 9.2 13.8

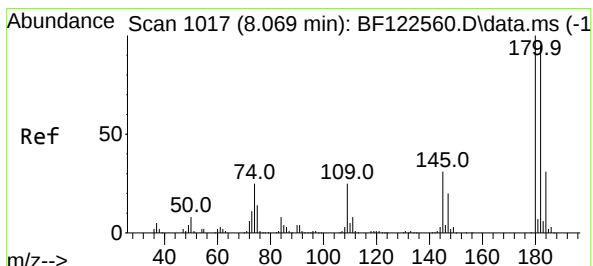
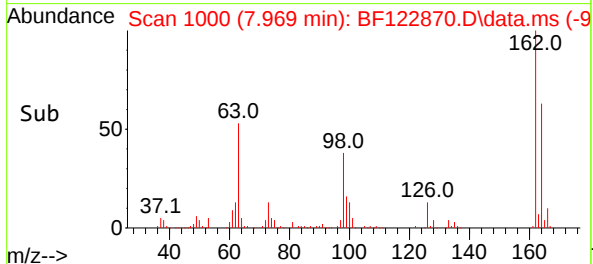
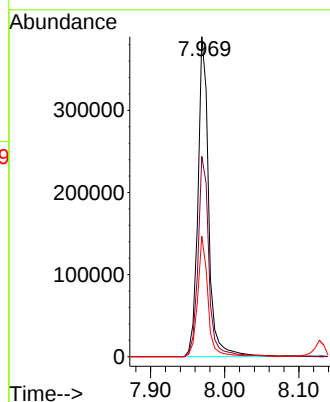
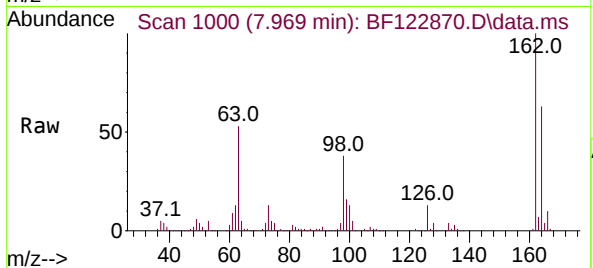




#29
2,4-Dichlorophenol
Concen: 42.15 ng
RT: 7.969 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

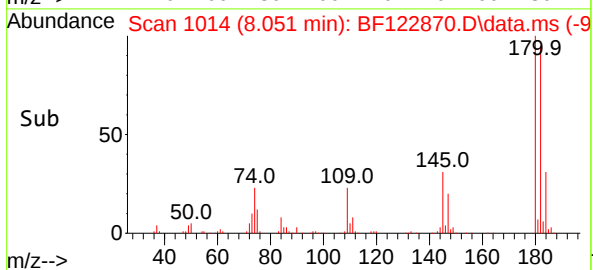
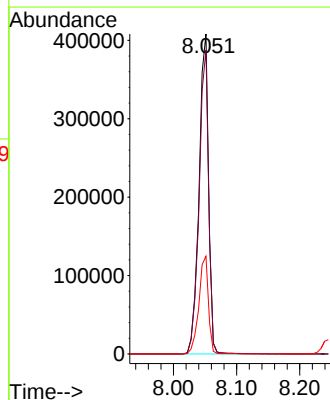
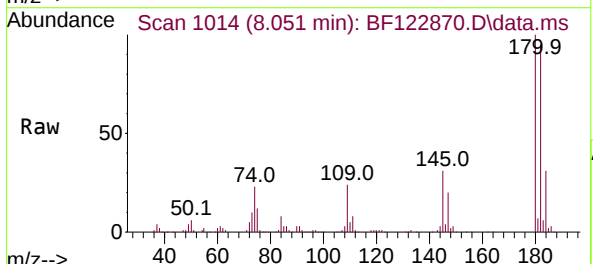
Instrument :
BNA_F
ClientSampleId :
72-11991MSD

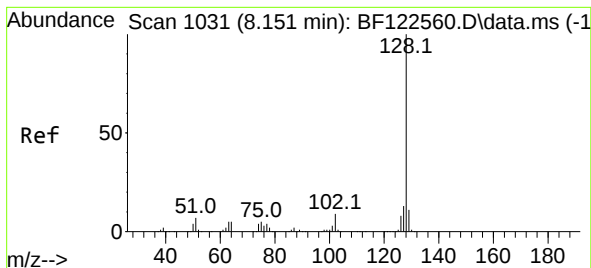
Tgt Ion:162 Resp: 393536
Ion Ratio Lower Upper
162 100
164 62.6 43.2 83.2
98 37.7 15.2 55.2



#30
1,2,4-Trichlorobenzene
Concen: 40.37 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Tgt Ion:180 Resp: 427063
Ion Ratio Lower Upper
180 100
182 94.9 75.7 113.5
145 30.6 25.0 37.4

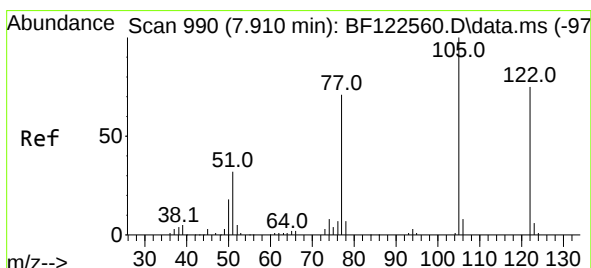
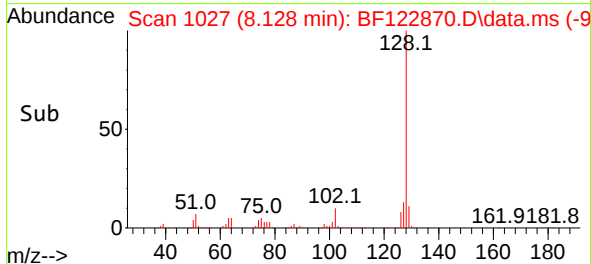
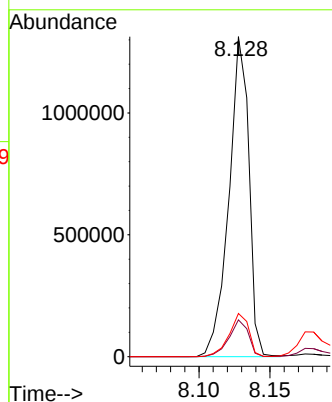
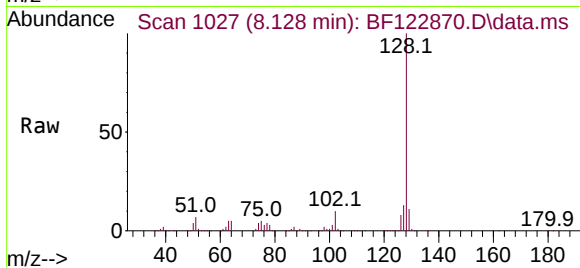




#31
Naphthalene
Concen: 41.27 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

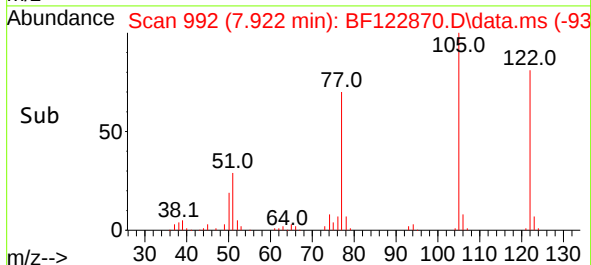
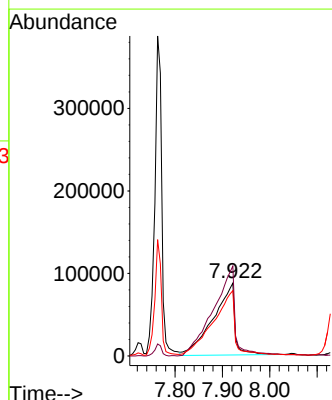
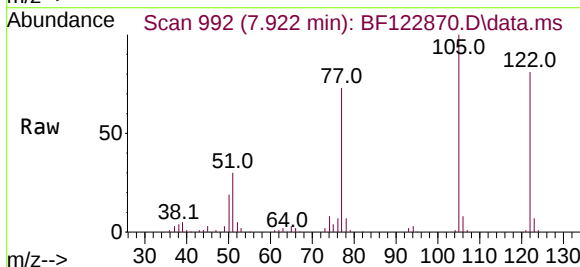
Instrument :
BNA_F
ClientSampleId :
72-11991MSD

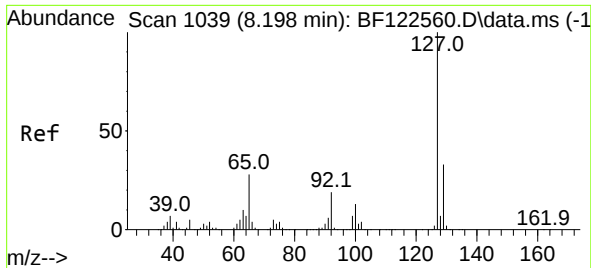
Tgt Ion:128 Resp: 1282835
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 43.75 ng
RT: 7.922 min Scan# 992
Delta R.T. 0.029 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Tgt Ion:122 Resp: 278718
Ion Ratio Lower Upper
122 100
105 123.6 104.8 144.8
77 89.6 71.0 111.0

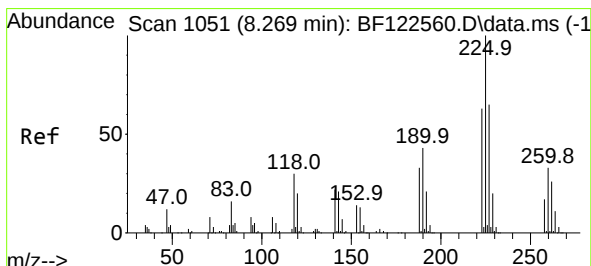
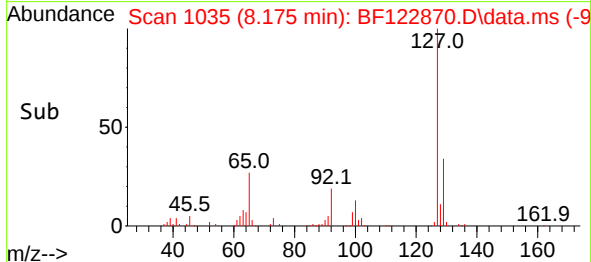
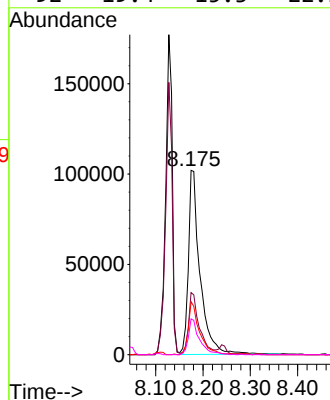
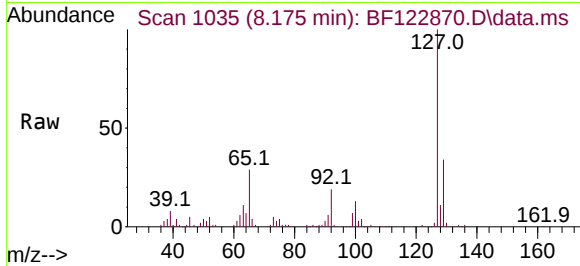




#33
4-Chloroaniline
Concen: 13.40 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

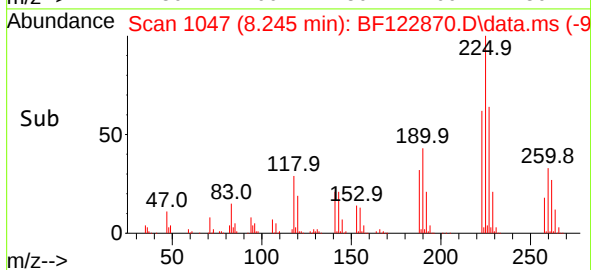
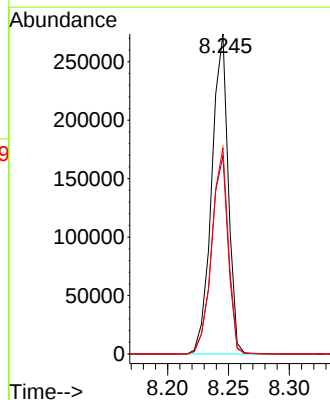
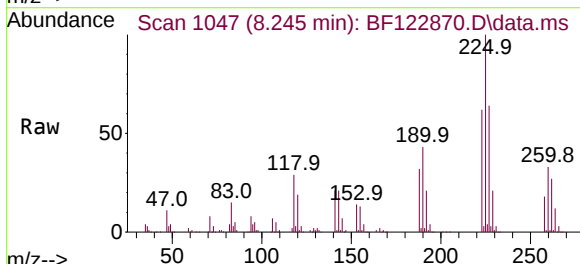
Instrument :
BNA_F
ClientSampleId :
72-11991MSD

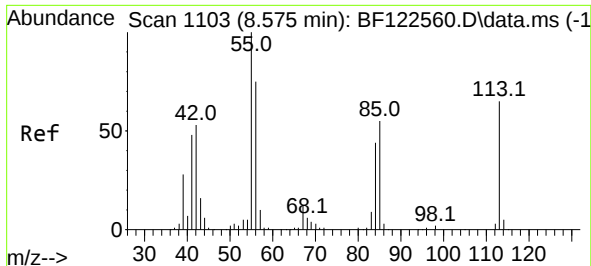
Tgt Ion:127	Resp: 174100
Ion Ratio	Lower Upper
127 100	
129 33.7	26.2 39.2
65 28.8	22.2 33.2
92 19.4	15.3 22.9



#34
Hexachlorobutadiene
Concen: 39.58 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Tgt Ion:225	Resp: 257723
Ion Ratio	Lower Upper
225 100	
223 61.9	50.7 76.1
227 64.4	51.7 77.5

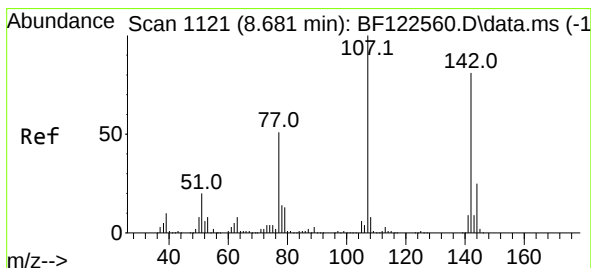
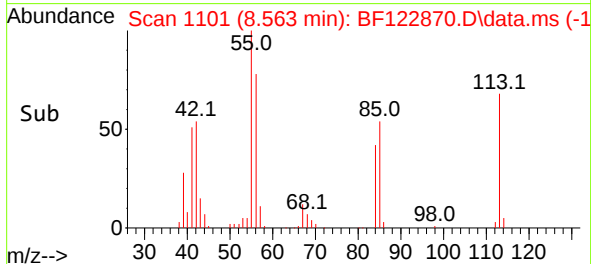
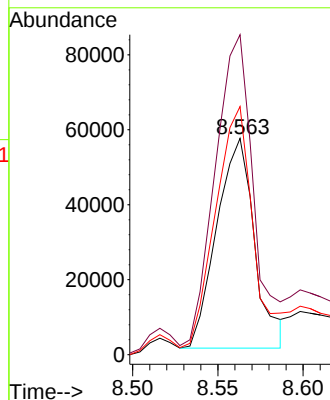
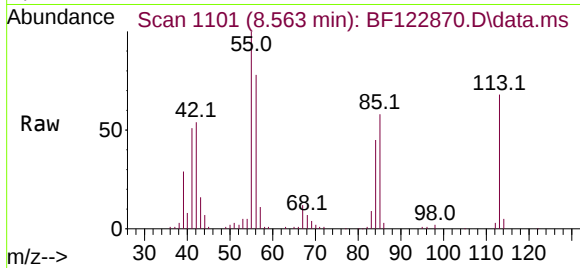




#35
Caprolactam
Concen: 30.69 ng
RT: 8.563 min Scan# 1101
Delta R.T. 0.012 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

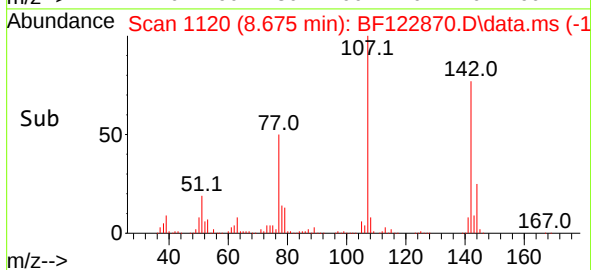
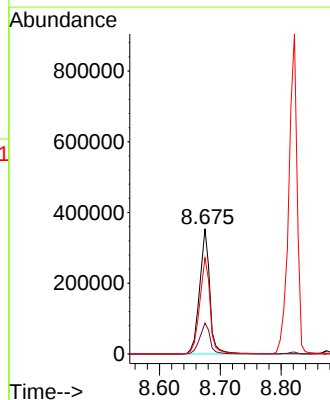
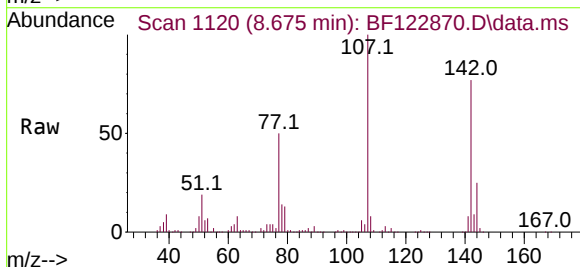
Instrument :
BNA_F
ClientSampleId :
72-11991MSD

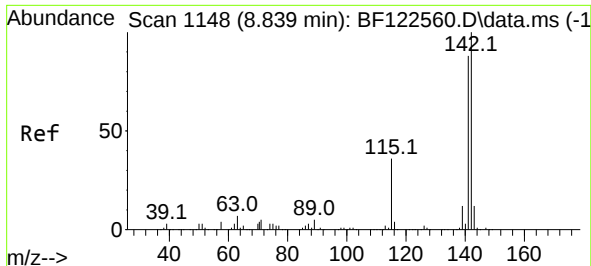
Tgt Ion:113 Resp: 86302
Ion Ratio Lower Upper
113 100
55 148.0 133.7 173.7
56 114.7 95.3 135.3



#36
4-Chloro-3-methylphenol
Concen: 44.86 ng
RT: 8.675 min Scan# 1120
Delta R.T. 0.012 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Tgt Ion:107 Resp: 412548
Ion Ratio Lower Upper
107 100
144 24.6 20.2 30.2
142 76.8 64.4 96.6

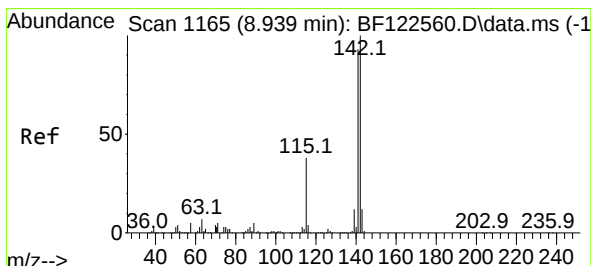
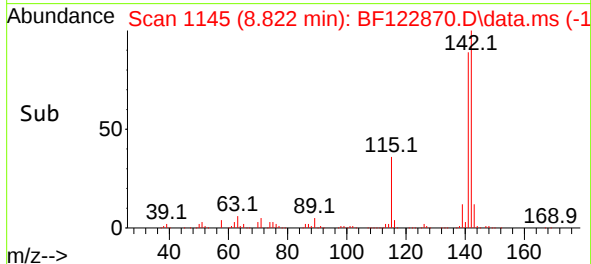
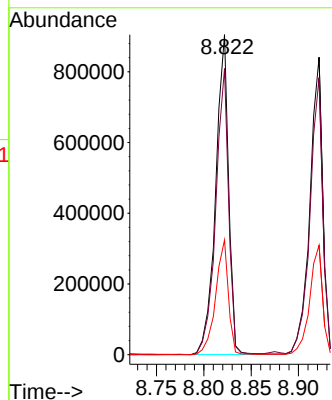
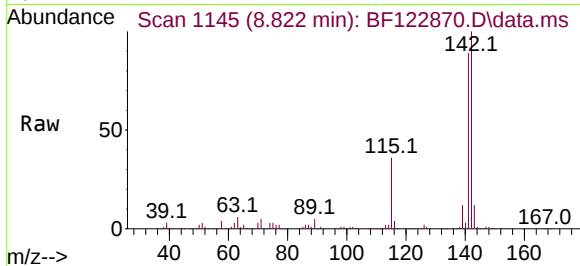




#37
2-Methylnaphthalene
Concen: 41.96 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

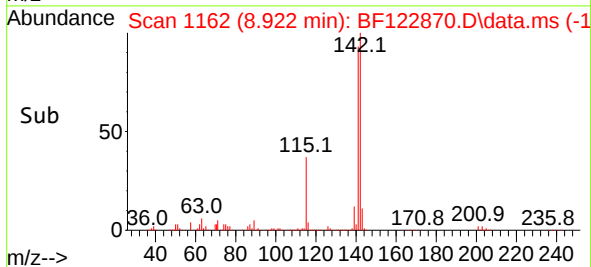
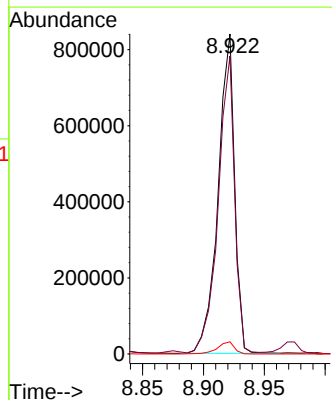
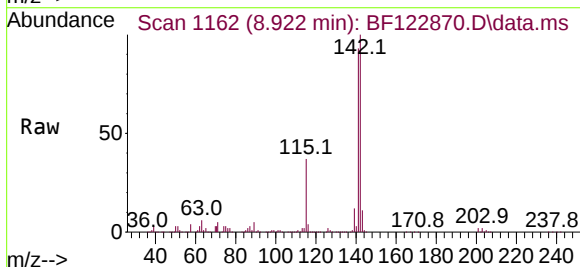
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BNA_F
ClientSampleId :
72-11991MSD

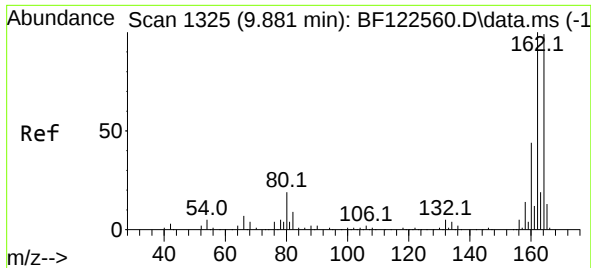
Tgt Ion:142 Resp: 862700
Ion Ratio Lower Upper
142 100
141 89.4 70.6 106.0
115 35.9 28.7 43.1



#38
1-Methylnaphthalene
Concen: 40.88 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Tgt Ion:142 Resp: 795086
Ion Ratio Lower Upper
142 100
141 93.1 74.5 111.7
116 3.8 3.2 4.8

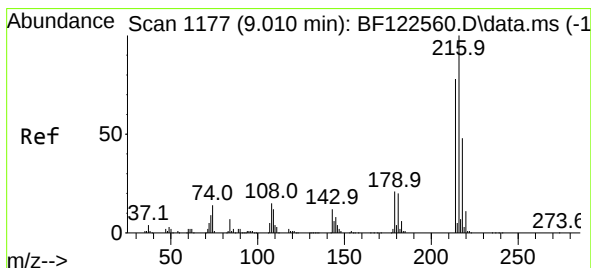
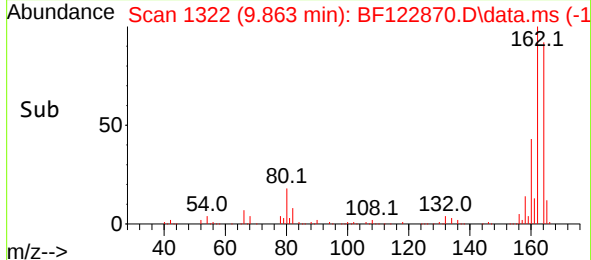
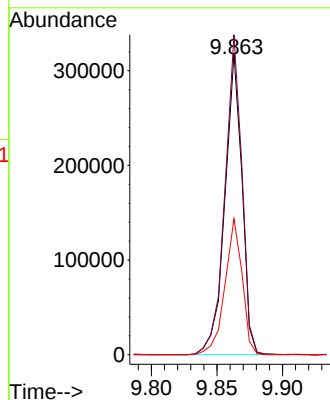
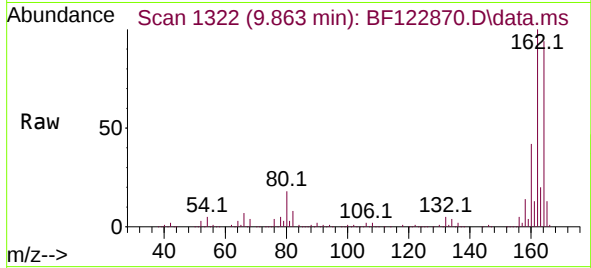




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

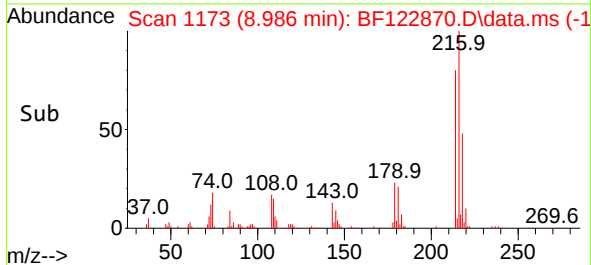
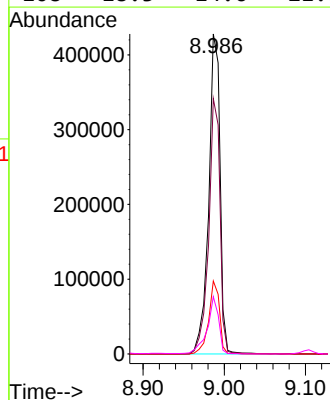
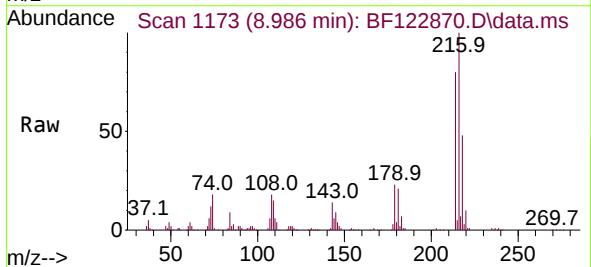
Instrument :
BNA_F
ClientSampleId :
72-11991MSD

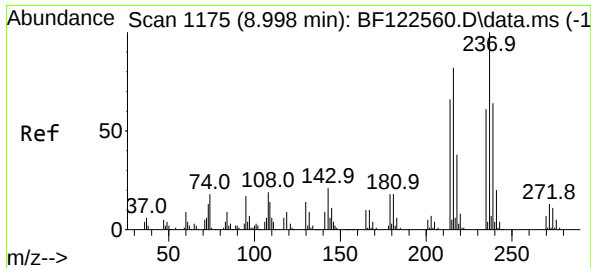
Tgt Ion:164 Resp: 288037
Ion Ratio Lower Upper
164 100
162 106.4 80.8 121.2
160 45.2 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.51 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Tgt Ion:216 Resp: 415160
Ion Ratio Lower Upper
216 100
214 79.0 63.1 94.7
179 21.6 17.1 25.7
108 18.3 14.6 21.8

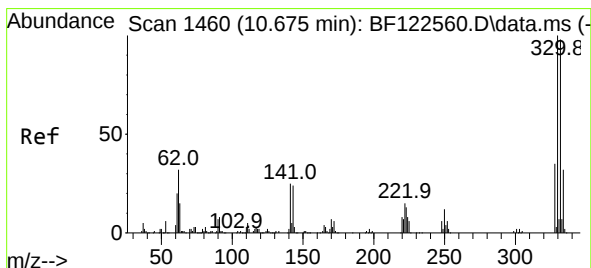
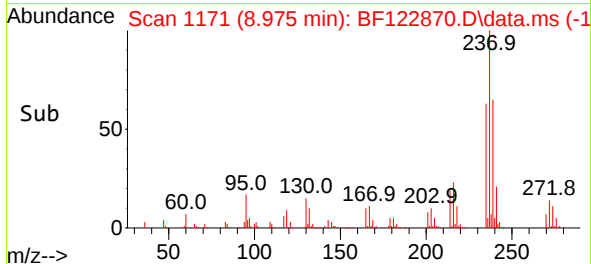
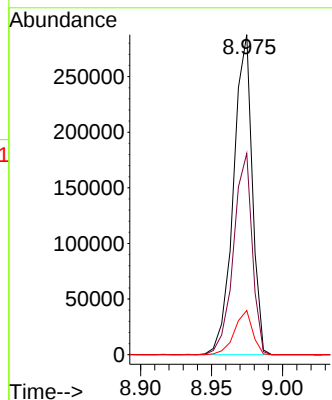
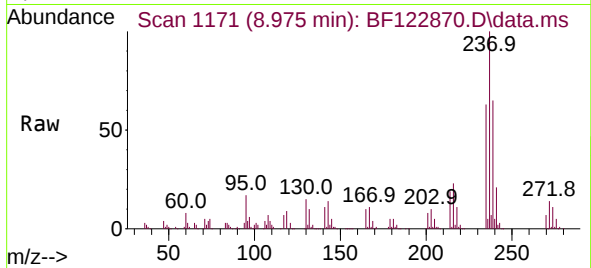




#41
Hexachlorocyclopentadiene
Concen: 62.83 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

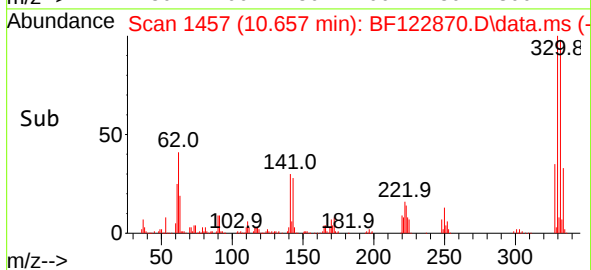
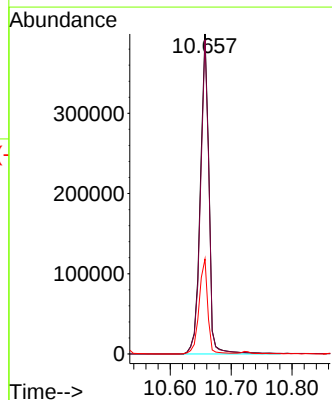
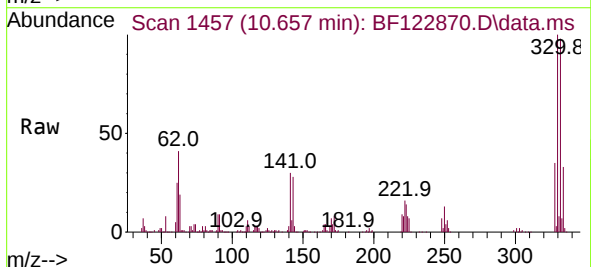
Instrument :
BNA_F
ClientSampleId :
72-11991MSD

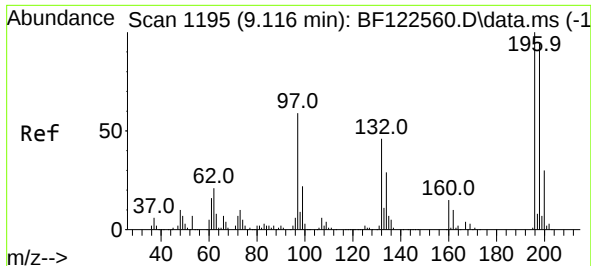
Tgt Ion:237 Resp: 265028
Ion Ratio Lower Upper
237 100
235 62.9 40.9 80.9
272 13.8 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 103.73 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Tgt Ion:330 Resp: 391075
Ion Ratio Lower Upper
330 100
332 96.7 77.5 116.3
141 29.8 23.8 35.8

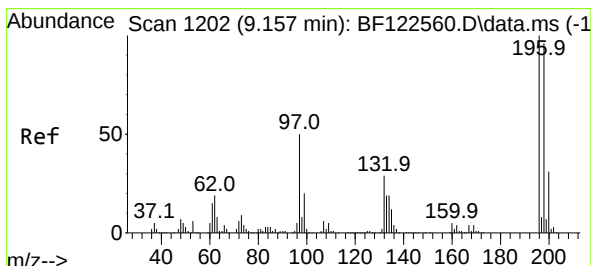
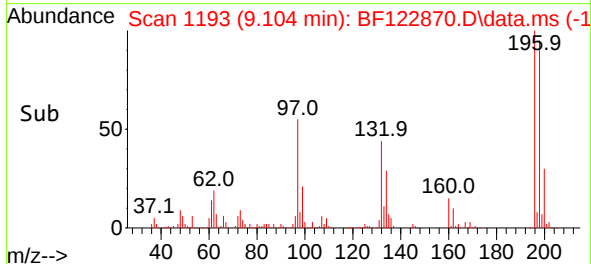
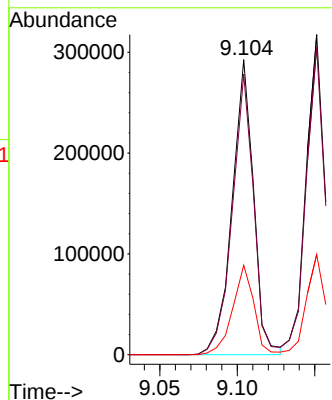
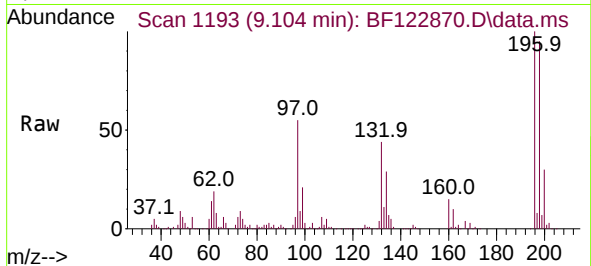




#43
2,4,6-Trichlorophenol
Concen: 42.61 ng
RT: 9.104 min Scan# 1193
Delta R.T. 0.006 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

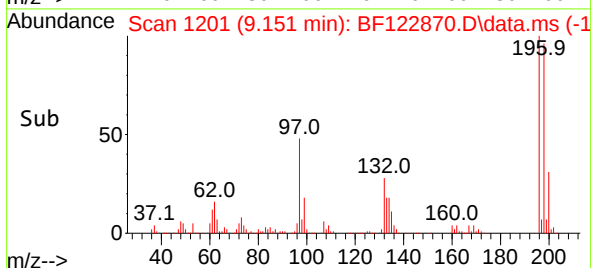
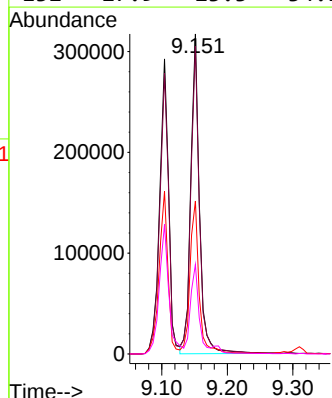
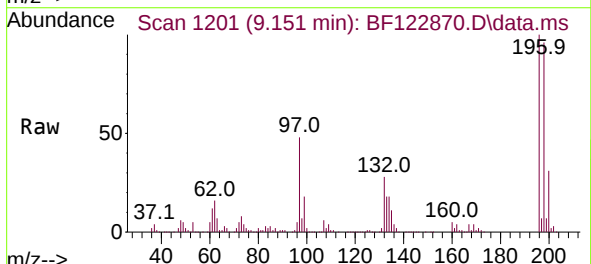
Instrument :
BNA_F
ClientSampleId :
72-11991MSD

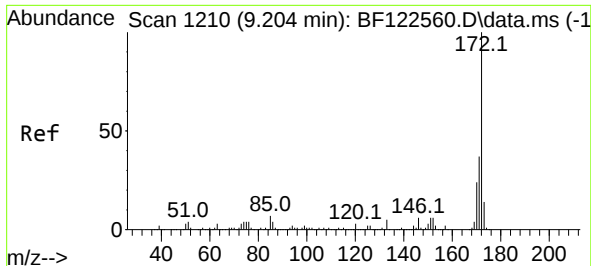
Tgt Ion:196 Resp: 280772
Ion Ratio Lower Upper
196 100
198 95.1 75.1 112.7
200 30.3 23.7 35.5



#44
2,4,5-Trichlorophenol
Concen: 43.13 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.012 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Tgt Ion:196 Resp: 293747
Ion Ratio Lower Upper
196 100
198 96.2 76.5 114.7
97 47.8 40.1 60.1
132 27.9 23.3 34.9

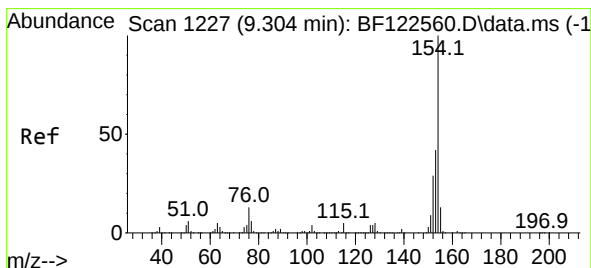
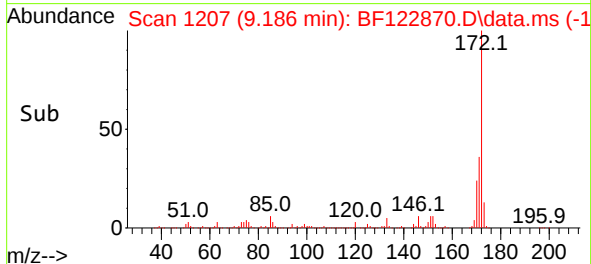
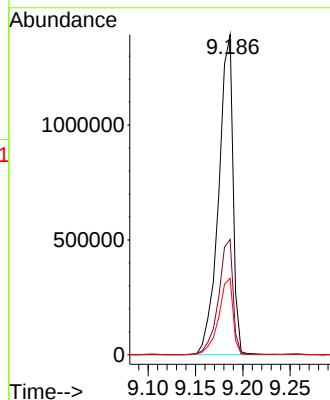
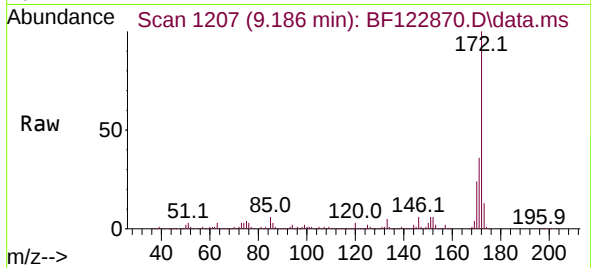




#45
2-Fluorobiphenyl
Concen: 69.42 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

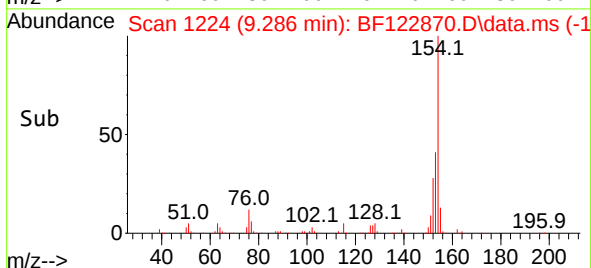
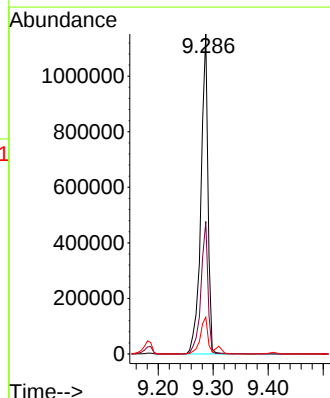
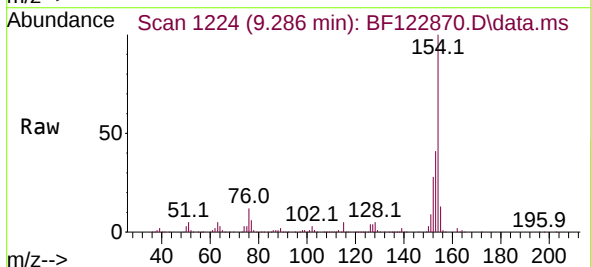
Instrument :
BNA_F
ClientSampleId :
72-11991MSD

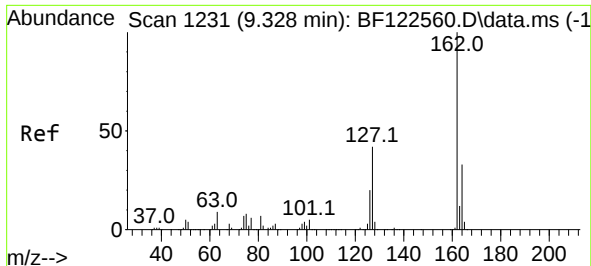
Tgt Ion:172 Resp: 1478281
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.9 19.5 29.3



#46
1,1'-Biphenyl
Concen: 43.28 ng
RT: 9.286 min Scan# 1224
Delta R.T. -0.000 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Tgt Ion:154 Resp: 1034505
Ion Ratio Lower Upper
154 100
153 41.4 21.8 61.8
76 11.5 0.0 33.4

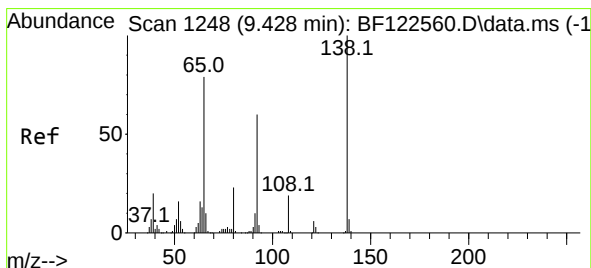
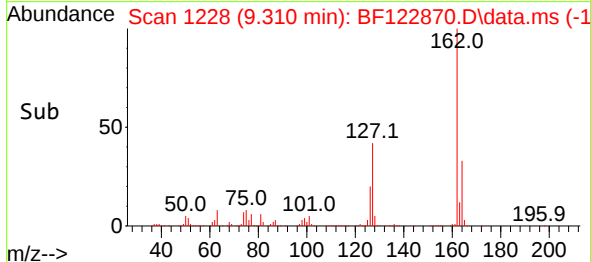
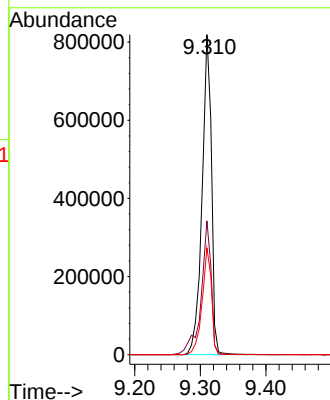
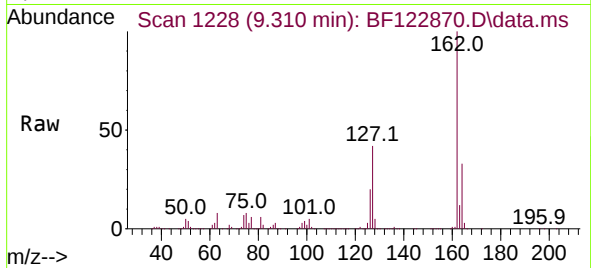




#47
2-Chloronaphthalene
Concen: 41.46 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

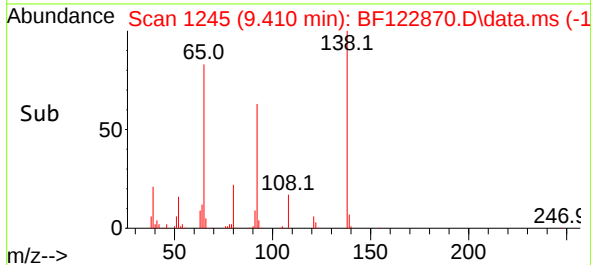
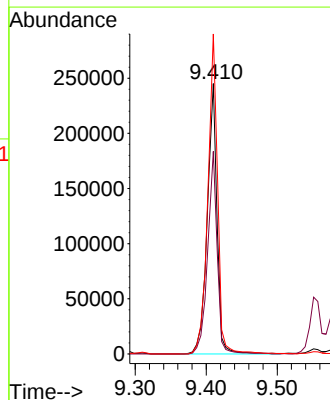
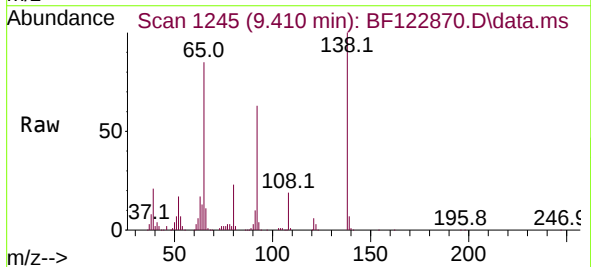
Instrument :
BNA_F
ClientSampleId :
72-11991MSD

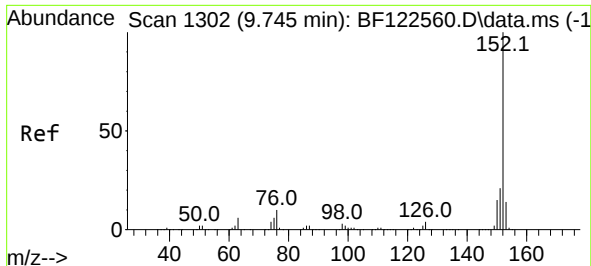
Tgt Ion:162 Resp: 821163
Ion Ratio Lower Upper
162 100
127 41.8 33.8 50.8
164 33.4 26.5 39.7



#48
2-Nitroaniline
Concen: 40.80 ng
RT: 9.410 min Scan# 1245
Delta R.T. 0.006 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Tgt Ion: 65 Resp: 235609
Ion Ratio Lower Upper
65 100
92 74.9 60.0 90.0
138 118.3 100.6 151.0





#49

Acenaphthylene

Concen: 42.36 ng

RT: 9.728 min Scan# 1299

Delta R.T. 0.006 min

Lab File: BF122870.D

Acq: 29 Dec 2020 18:44

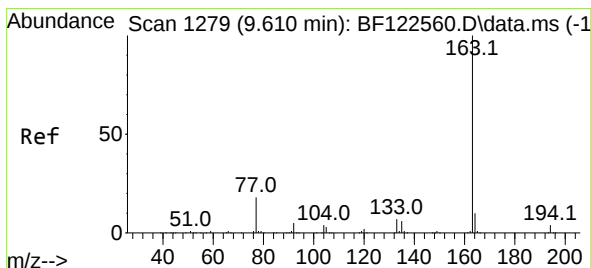
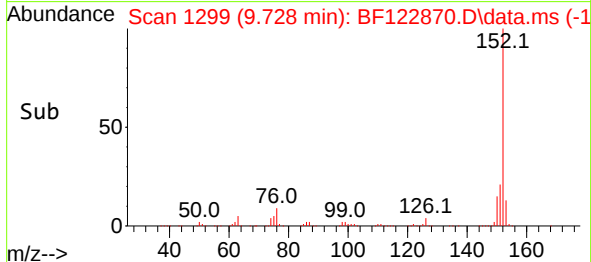
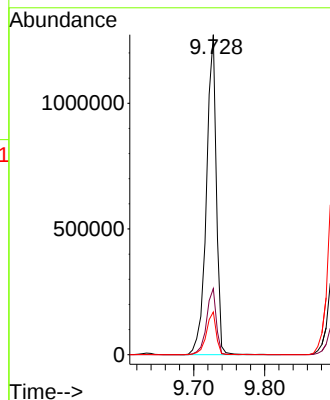
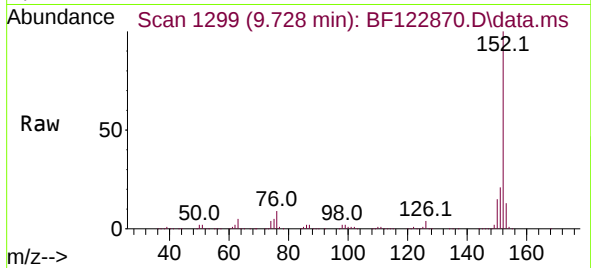
Tgt Ion:152 Resp: 1239113

Ion Ratio Lower Upper

152 100

151 20.7 16.6 25.0

153 13.3 10.9 16.3



#50

Dimethylphthalate

Concen: 47.22 ng

RT: 9.586 min Scan# 1275

Delta R.T. -0.000 min

Lab File: BF122870.D

Acq: 29 Dec 2020 18:44

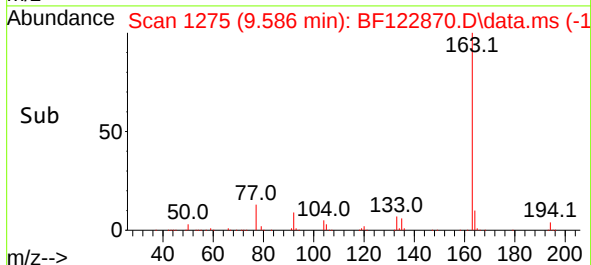
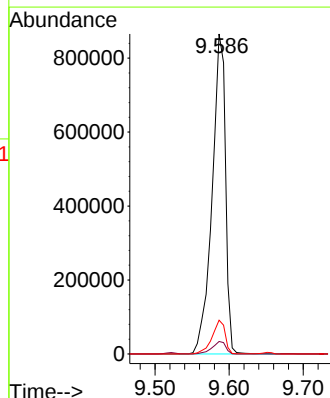
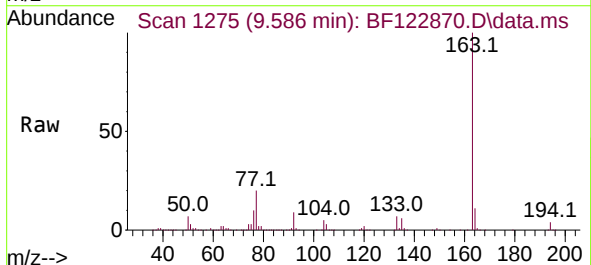
Tgt Ion:163 Resp: 1086265

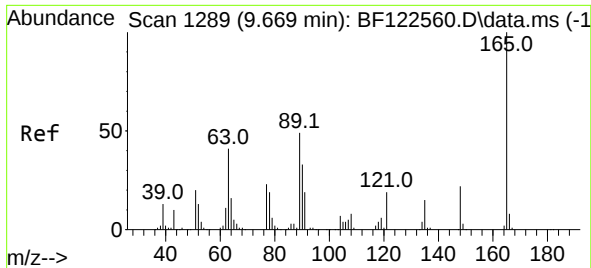
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 10.5 8.1 12.1

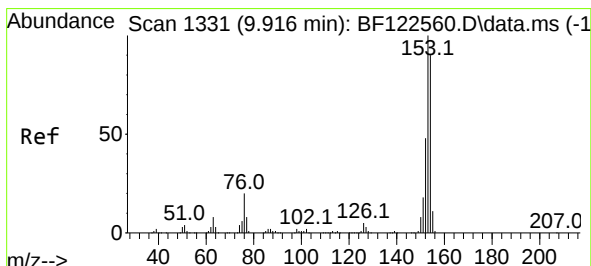
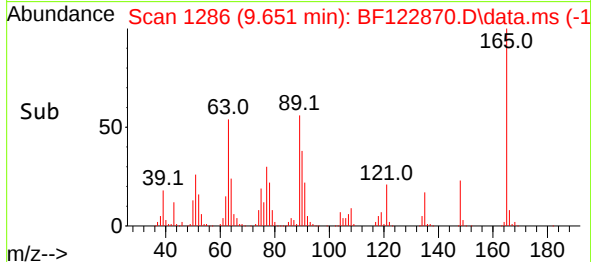
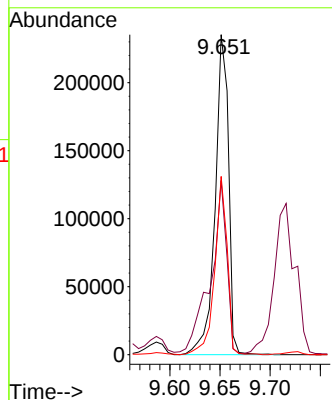
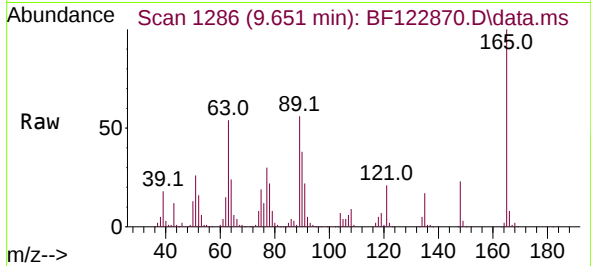




#51
2,6-Dinitrotoluene
Concen: 44.87 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

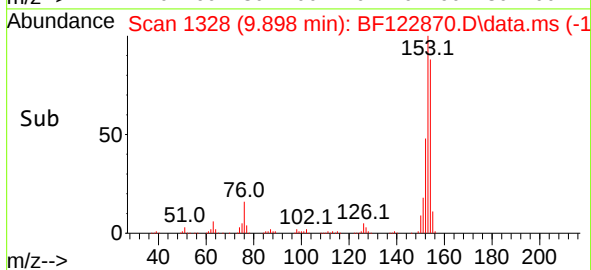
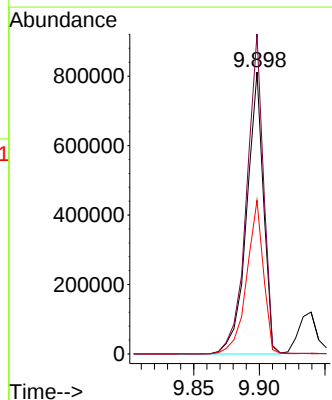
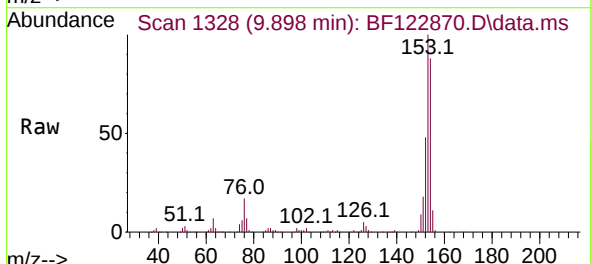
Instrument :
BNA_F
ClientSampleId :
72-11991MSD

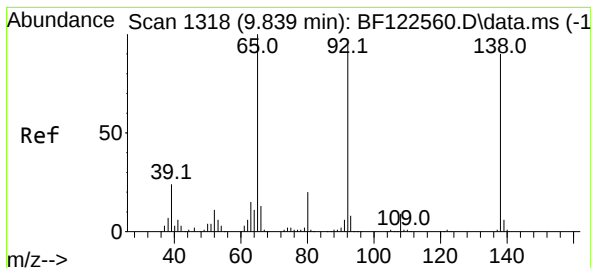
Tgt Ion:165 Resp: 218005
Ion Ratio Lower Upper
165 100
63 54.4 36.6 55.0
89 55.7 39.4 59.0



#52
Acenaphthene
Concen: 38.36 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Tgt Ion:154 Resp: 726003
Ion Ratio Lower Upper
154 100
153 113.5 89.0 133.6
152 54.5 42.7 64.1

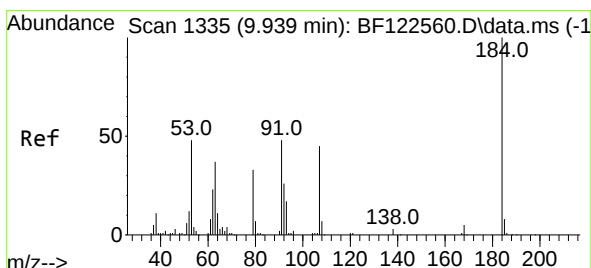
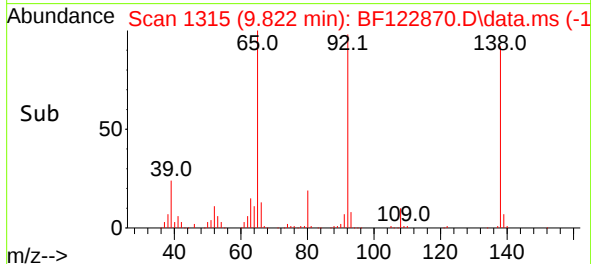
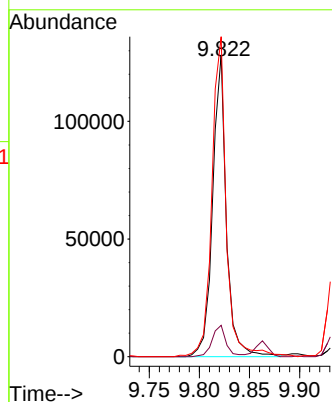
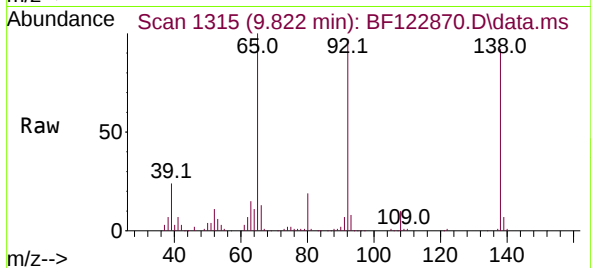




#53
3-Nitroaniline
Concen: 21.83 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.006 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

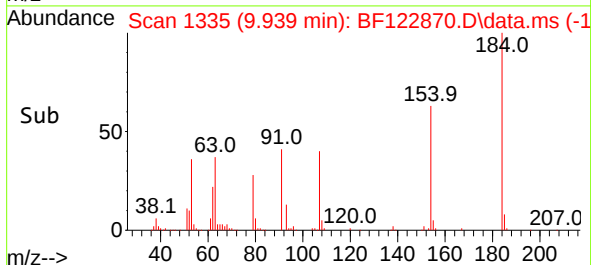
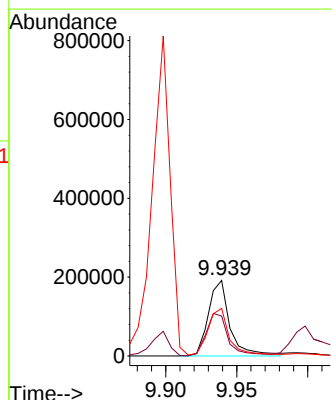
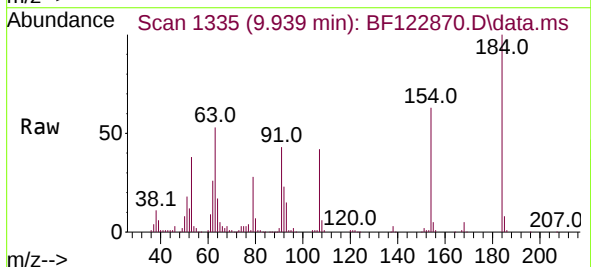
Instrument :
BNA_F
ClientSampleId :
72-11991MSD

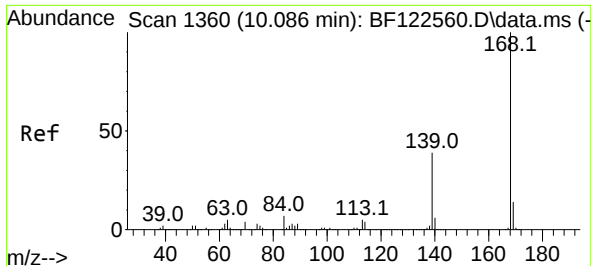
Tgt Ion:138 Resp: 122559
Ion Ratio Lower Upper
138 100
108 10.4 8.2 12.2
92 106.0 85.4 128.2



#54
2,4-Dinitrophenol
Concen: 85.26 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Tgt Ion:184 Resp: 202532
Ion Ratio Lower Upper
184 100
63 52.7 51.4 77.2
154 62.9 49.7 74.5

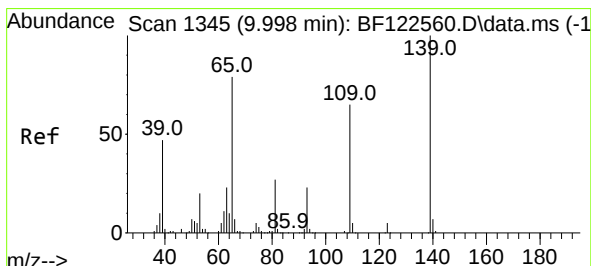
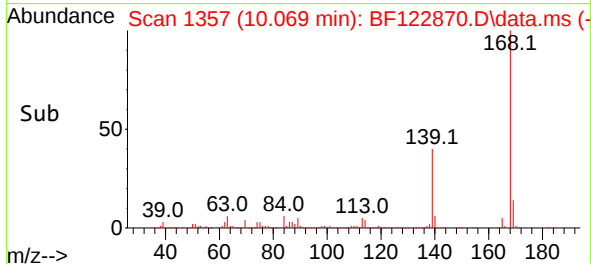
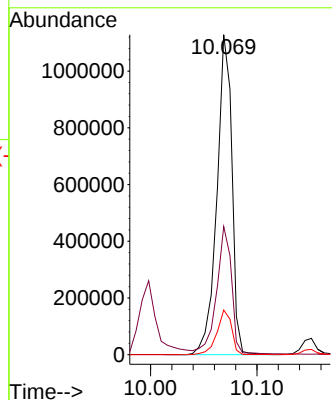
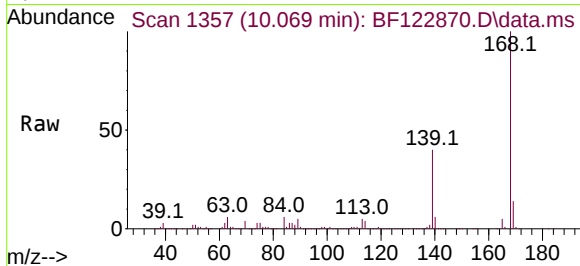




#55
Dibenzenofuran
Concen: 41.58 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.000 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

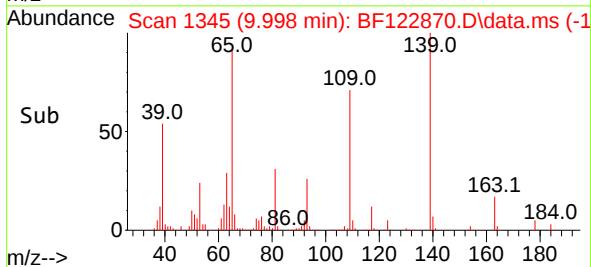
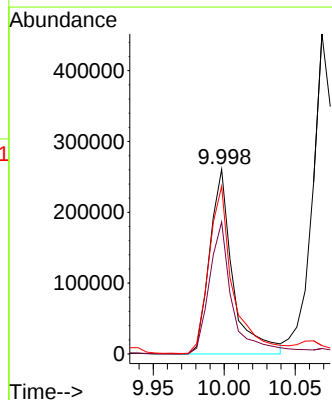
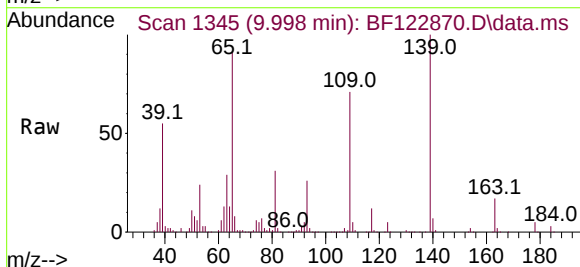
Instrument :
BNA_F
ClientSampleId :
72-11991MSD

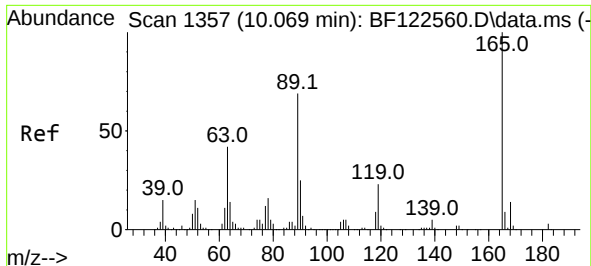
Tgt Ion:168 Resp: 1106934
Ion Ratio Lower Upper
168 100
139 40.0 31.3 46.9
169 14.0 11.2 16.8



#56
4-Nitrophenol
Concen: 74.08 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.023 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Tgt Ion:139 Resp: 296548
Ion Ratio Lower Upper
139 100
109 71.4 45.1 85.1
65 90.8 59.2 99.2

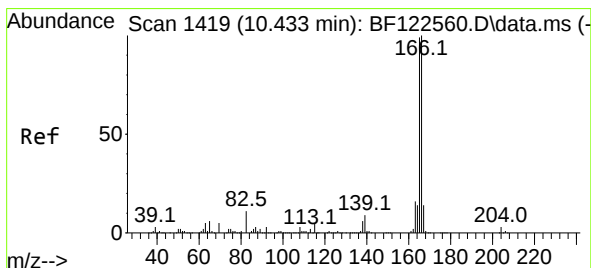
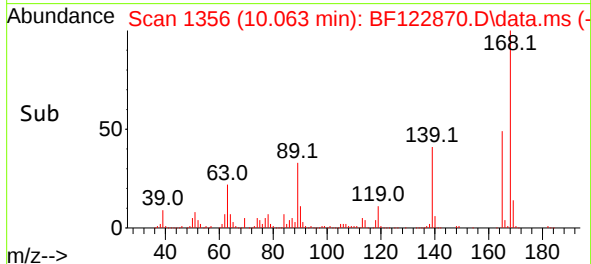
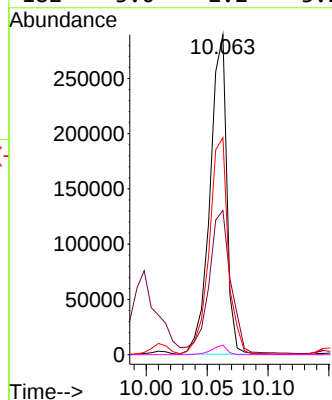
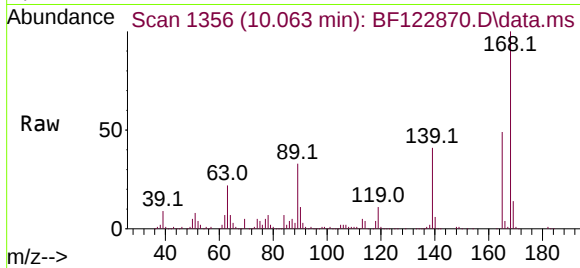




#57
2,4-Dinitrotoluene
Concen: 42.71 ng
RT: 10.063 min Scan# 1356
Delta R.T. 0.012 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

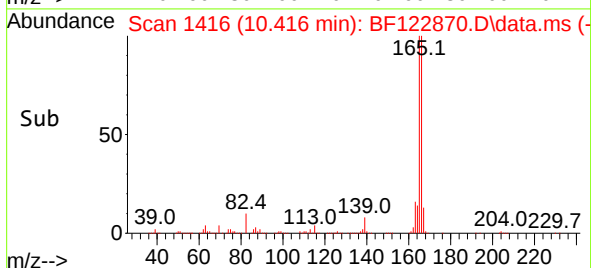
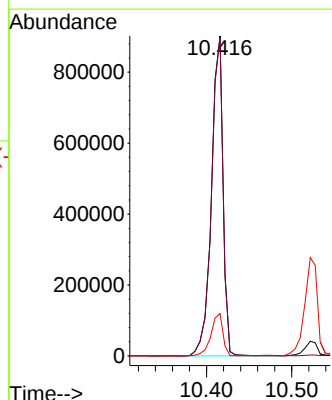
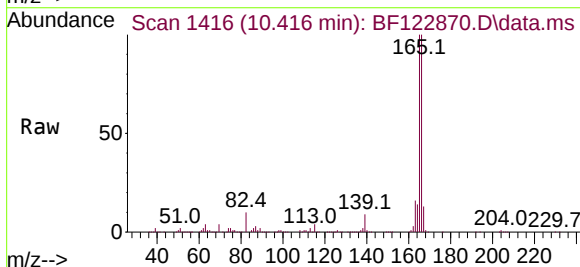
Instrument :
BNA_F
ClientSampleId :
72-11991MSD

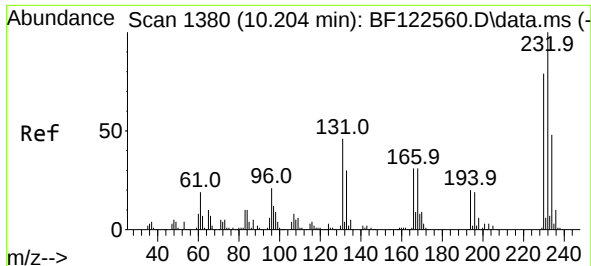
Tgt Ion:165 Resp: 276421
Ion Ratio Lower Upper
165 100
63 45.1 34.3 51.5
89 67.8 55.2 82.8
182 3.0 2.2 3.2



#58
Fluorene
Concen: 40.46 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Tgt Ion:166 Resp: 856777
Ion Ratio Lower Upper
166 100
165 99.7 79.4 119.0
167 13.2 10.9 16.3

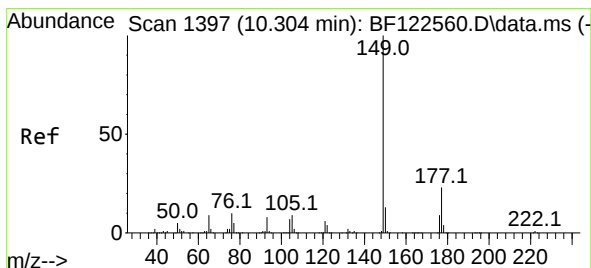
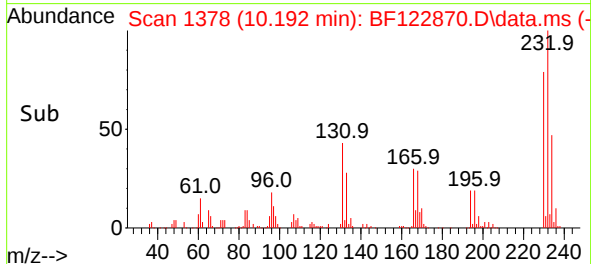
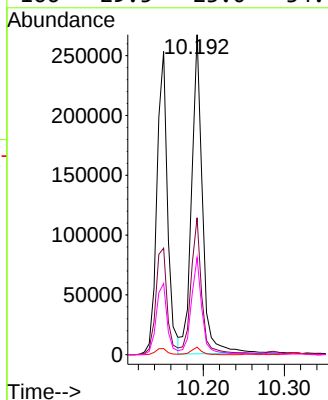
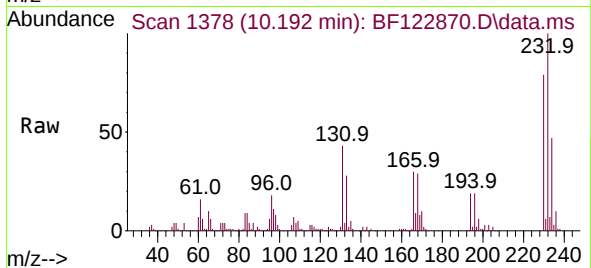




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.58 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

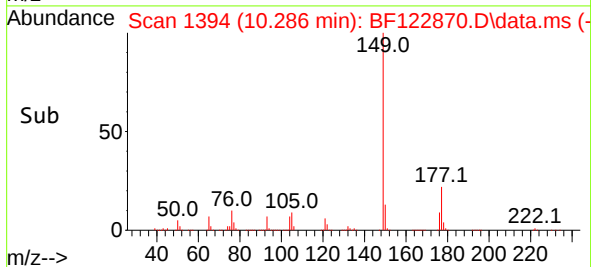
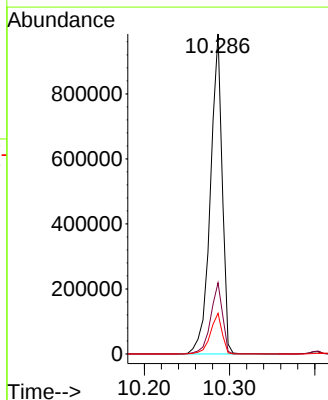
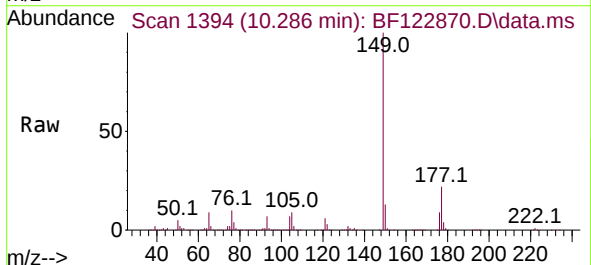
Instrument :
BNA_F
ClientSampleId :
72-11991MSD

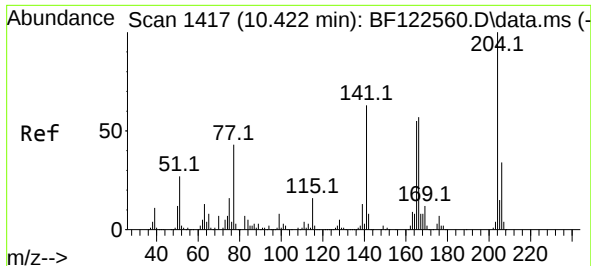
Tgt Ion:232 Resp: 248781
Ion Ratio Lower Upper
232 100
131 41.6 33.0 49.4
130 2.3 1.7 2.5
166 29.5 23.0 34.4



#60
Diethylphthalate
Concen: 42.30 ng
RT: 10.286 min Scan# 1394
Delta R.T. 0.006 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Tgt Ion:149 Resp: 946344
Ion Ratio Lower Upper
149 100
177 22.3 18.2 27.4
150 12.7 10.1 15.1

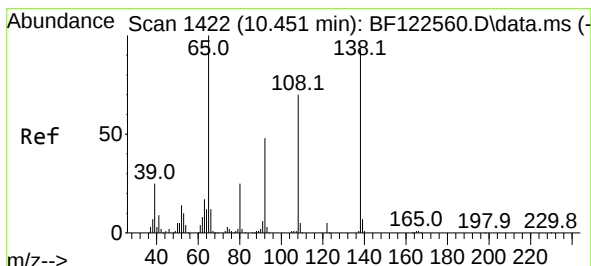
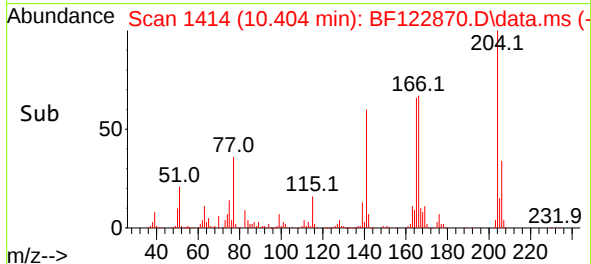
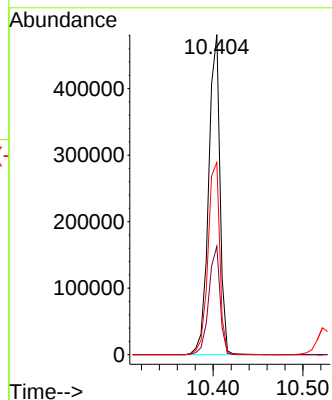
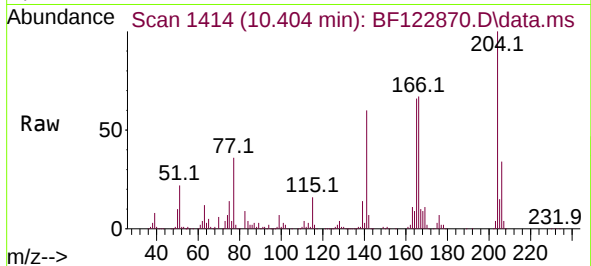




#61
4-Chlorophenyl-phenylether
Concen: 40.55 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

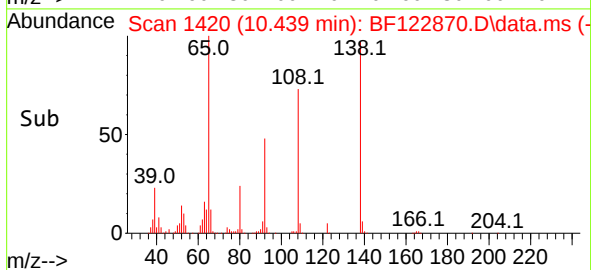
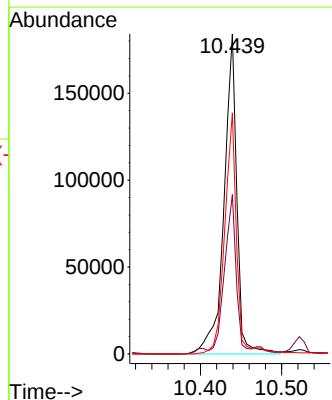
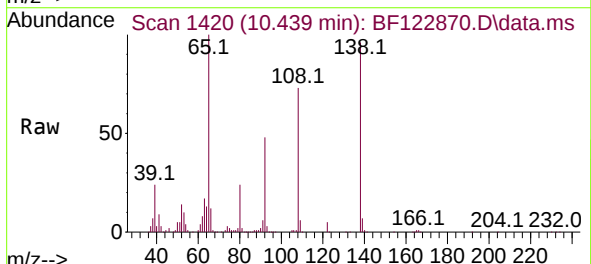
Instrument :
BNA_F
ClientSampleId :
72-11991MSD

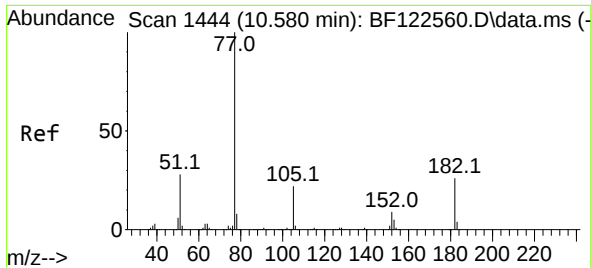
Tgt Ion:204 Resp: 422819
Ion Ratio Lower Upper
204 100
206 33.8 27.0 40.4
141 60.1 50.4 75.6



#62
4-Nitroaniline
Concen: 35.68 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.012 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Tgt Ion:138 Resp: 203301
Ion Ratio Lower Upper
138 100
92 49.8 31.0 71.0
108 75.4 54.8 94.8

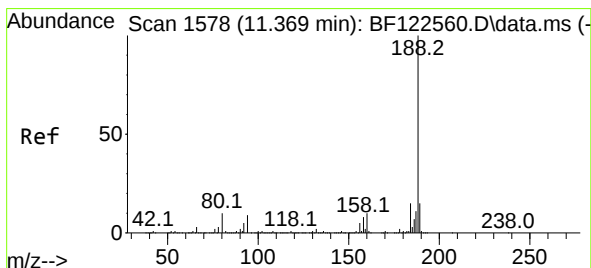
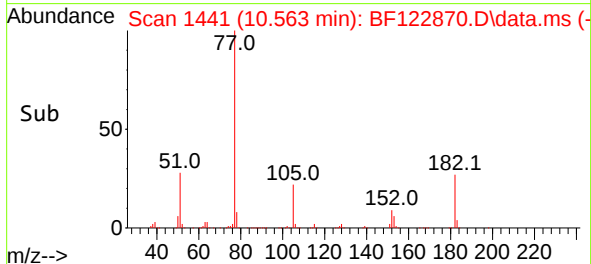
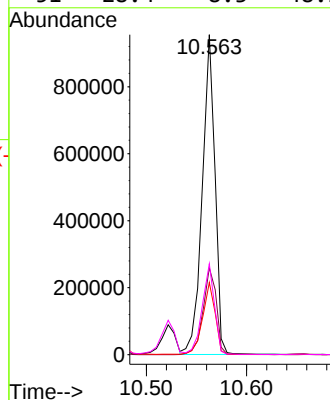
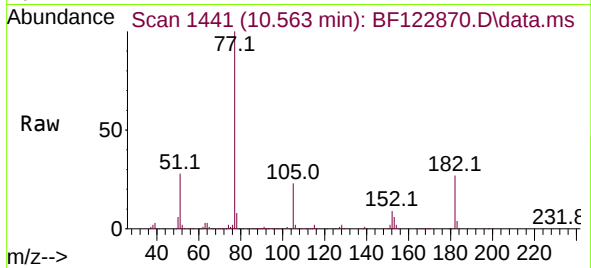




#63
Azobenzene
Concen: 41.21 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

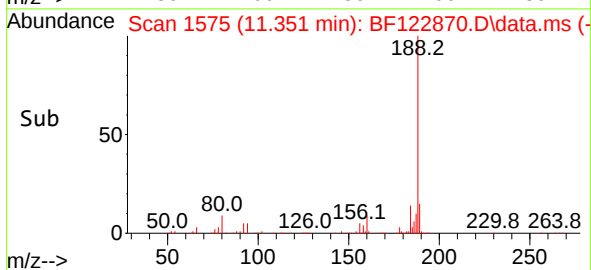
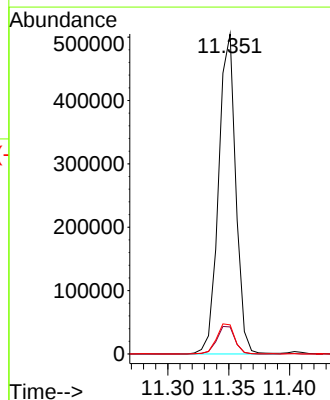
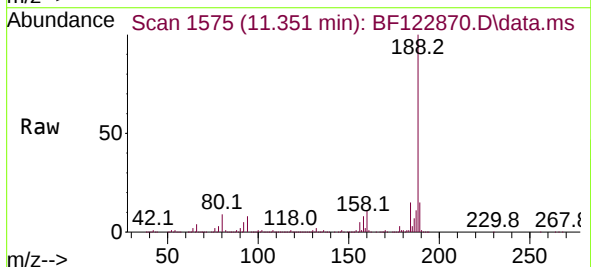
Instrument :
BNA_F
ClientSampleId :
72-11991MSD

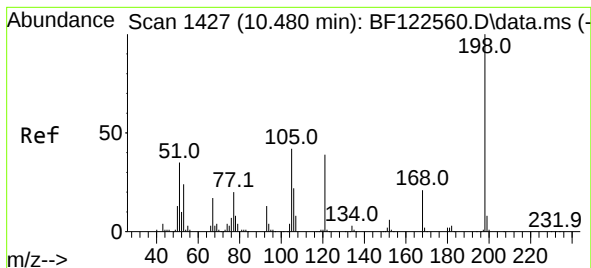
Tgt Ion: 77	Resp: 847515
Ion Ratio	Lower Upper
77 100	
182 27.2	5.6 45.6
105 22.6	1.8 41.8
51 28.4	8.3 48.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Tgt Ion:188	Resp: 496808
Ion Ratio	Lower Upper
188 100	
94 8.4	7.4 11.2
80 9.1	8.2 12.4

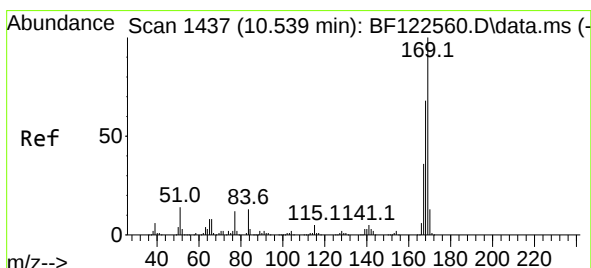
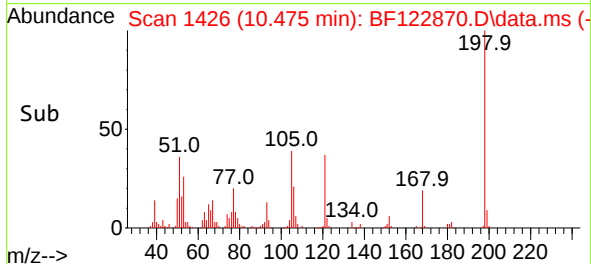
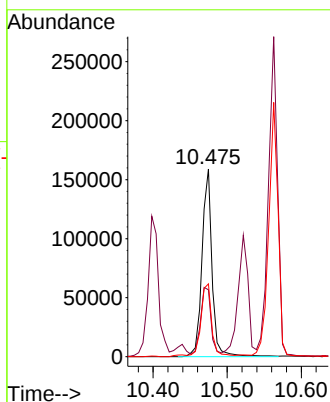
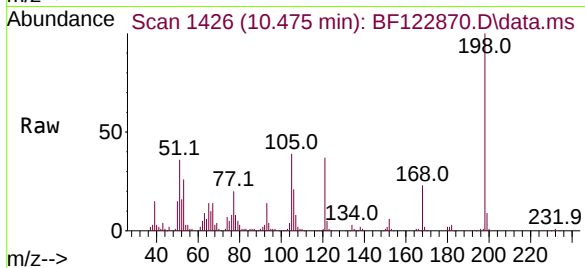




#65
4,6-Dinitro-2-methylphenol
Concen: 49.54 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

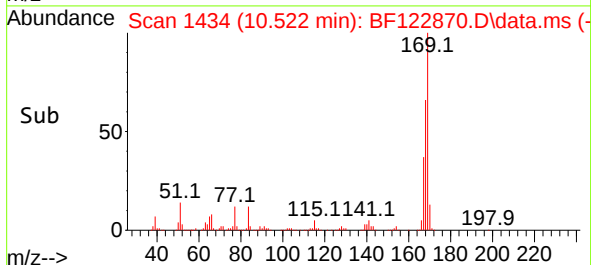
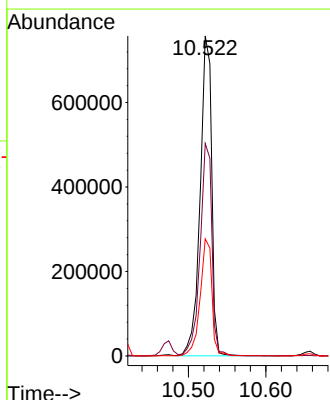
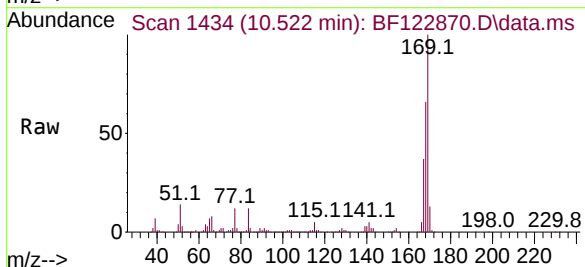
Instrument :
BNA_F
ClientSampleId :
72-11991MSD

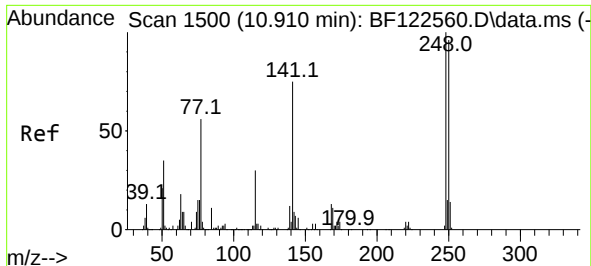
Tgt Ion:198 Resp: 150090
Ion Ratio Lower Upper
198 100
51 35.6 20.3 60.3
105 38.8 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 44.59 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Tgt Ion:169 Resp: 782662
Ion Ratio Lower Upper
169 100
168 66.4 54.2 81.2
167 36.6 29.2 43.8

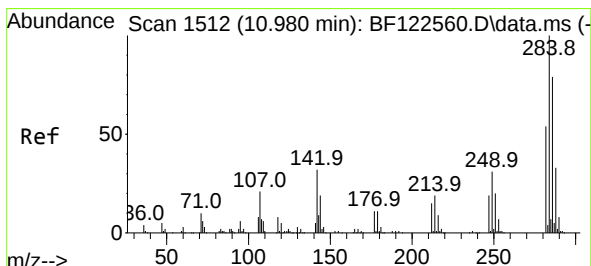
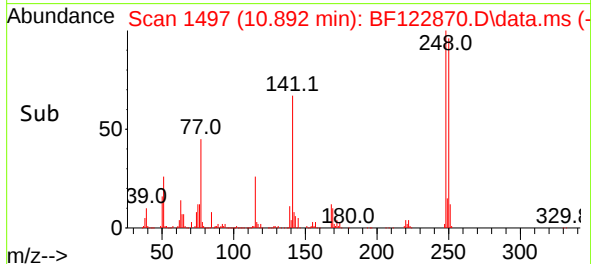
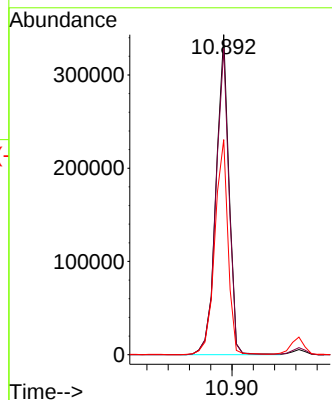
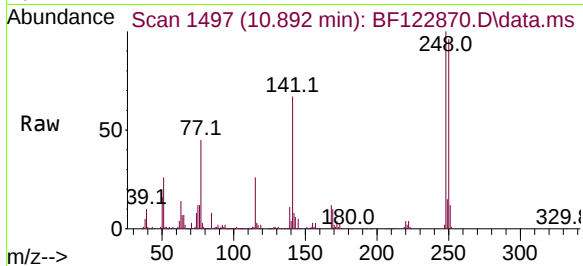




#67
4-Bromophenyl-phenylether
Concen: 42.73 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

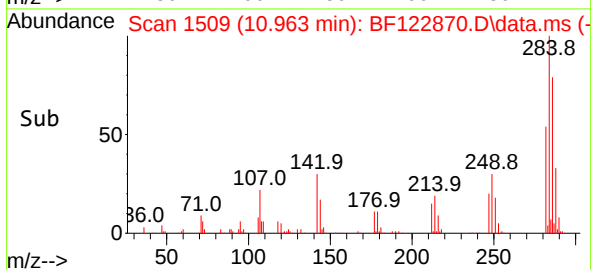
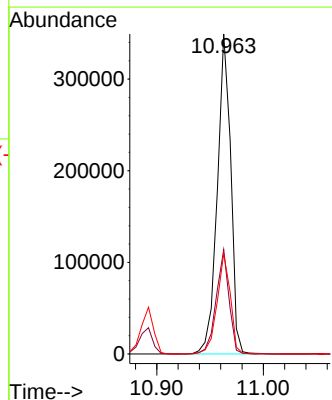
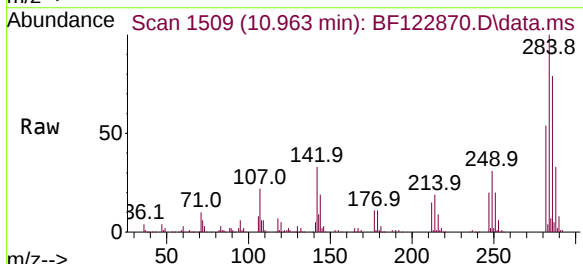
Instrument :
BNA_F
ClientSampleId :
72-11991MSD

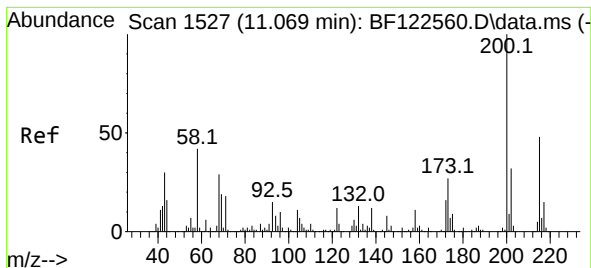
Tgt Ion:248 Resp: 287655
Ion Ratio Lower Upper
248 100
250 95.7 76.8 115.2
141 67.2 59.8 89.8



#68
Hexachlorobenzene
Concen: 40.96 ng
RT: 10.963 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Tgt Ion:284 Resp: 304808
Ion Ratio Lower Upper
284 100
142 32.6 25.6 38.4
249 31.4 25.1 37.7





#69

Atrazine

Concen: 38.17 ng

RT: 11.051 min Scan# 1524

Delta R.T. 0.006 min

Lab File: BF122870.D

Acq: 29 Dec 2020 18:44

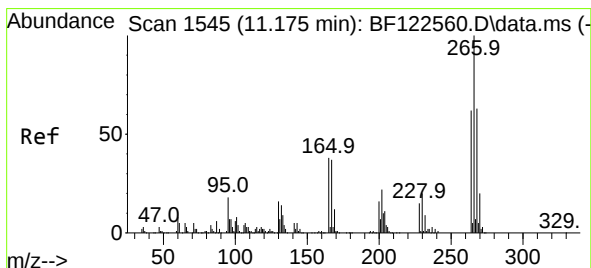
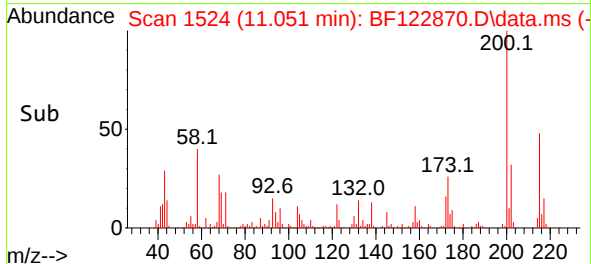
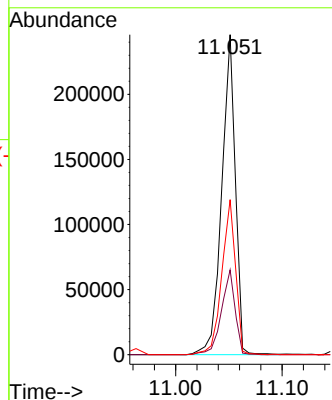
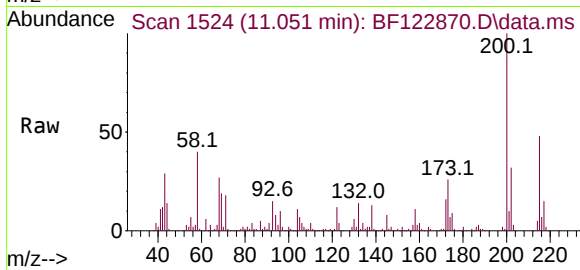
Tgt Ion:200 Resp: 217578

Ion Ratio Lower Upper

200 100

173 26.5 6.6 46.6

215 48.4 28.1 68.1



#70

Pentachlorophenol

Concen: 82.02 ng

RT: 11.163 min Scan# 1543

Delta R.T. 0.012 min

Lab File: BF122870.D

Acq: 29 Dec 2020 18:44

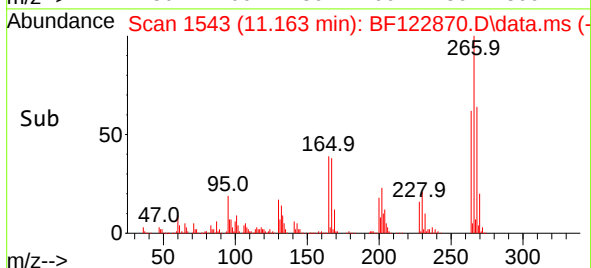
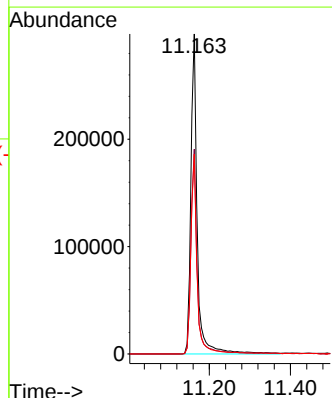
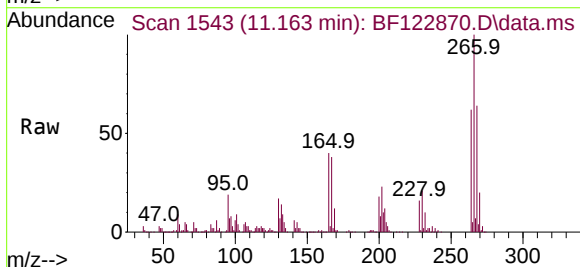
Tgt Ion:266 Resp: 323405

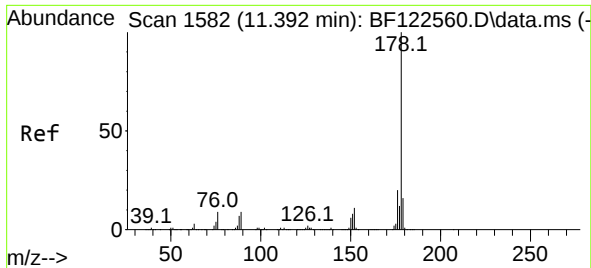
Ion Ratio Lower Upper

266 100

268 64.0 50.5 75.7

264 62.5 49.8 74.8

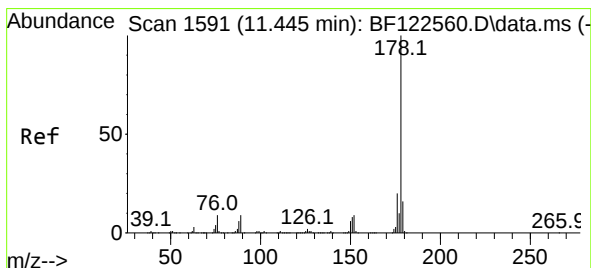
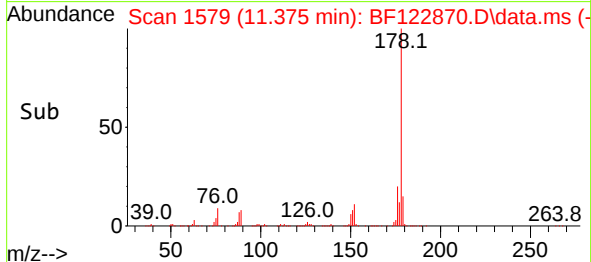
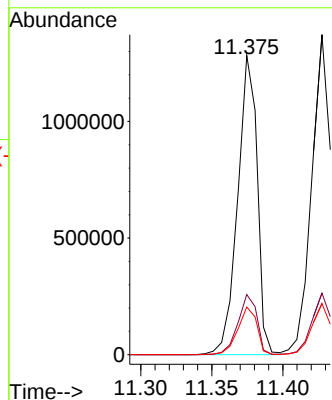
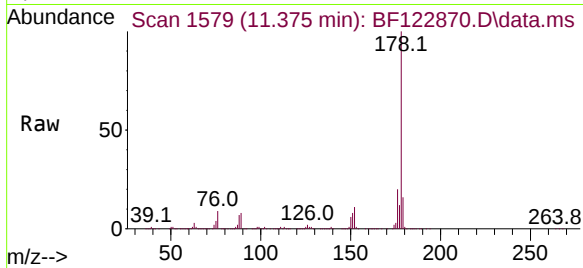




#71
Phenanthrene
Concen: 41.65 ng
RT: 11.375 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

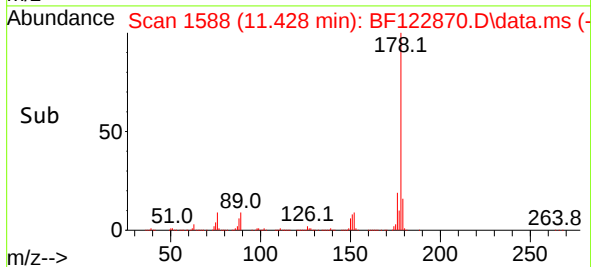
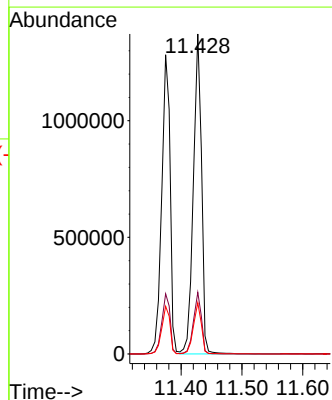
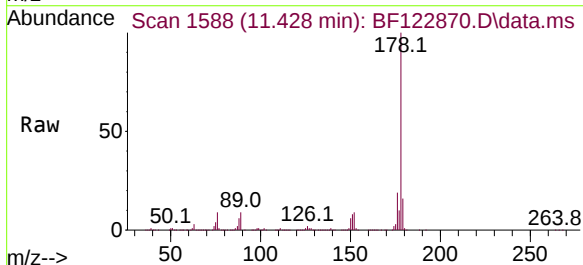
Instrument :
BNA_F
ClientSampleId :
72-11991MSD

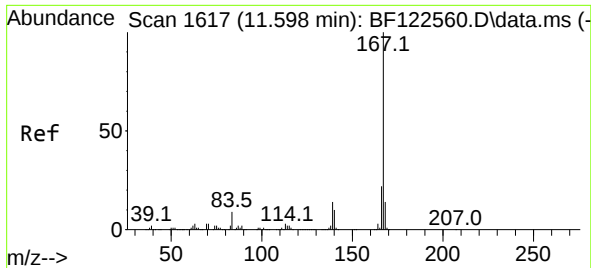
Tgt Ion:178 Resp: 1229761
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.2
179 15.9 12.7 19.1



#72
Anthracene
Concen: 43.92 ng
RT: 11.428 min Scan# 1588
Delta R.T. 0.006 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Tgt Ion:178 Resp: 1285827
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 16.0 12.8 19.2

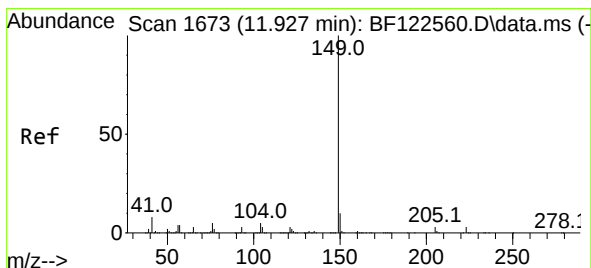
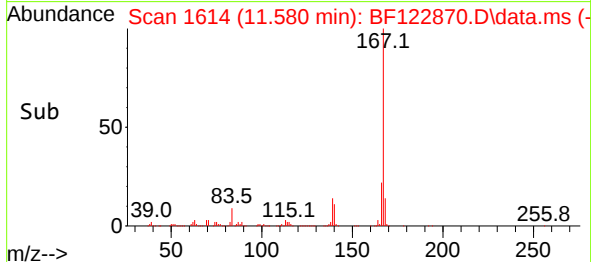
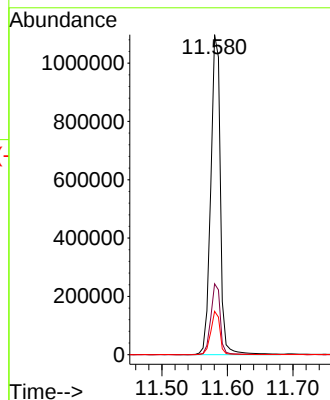
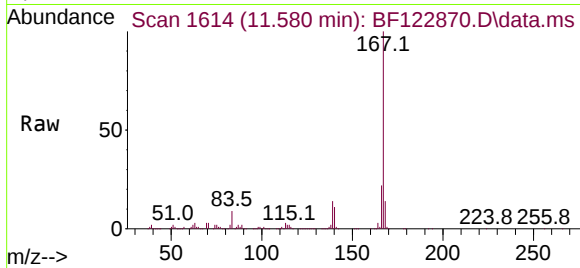




#73
Carbazole
Concen: 42.18 ng
RT: 11.580 min Scan# 1614
Delta R.T. 0.006 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

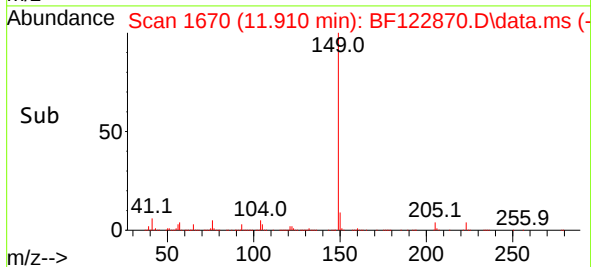
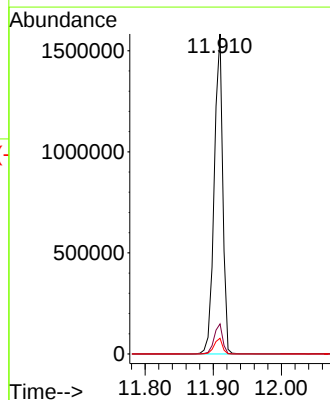
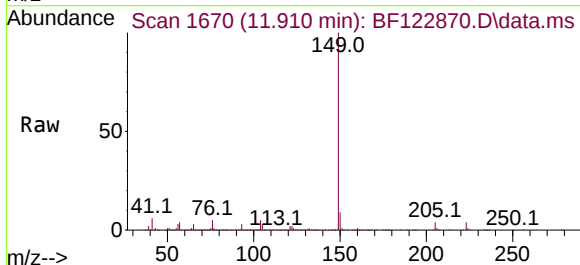
Instrument :
BNA_F
ClientSampleId :
72-11991MSD

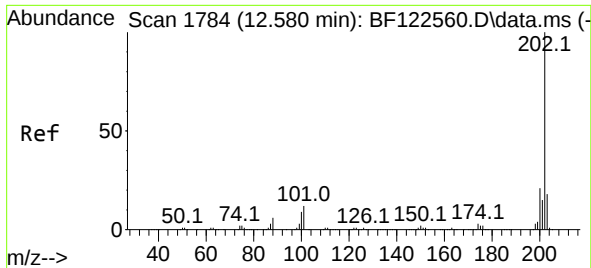
Tgt Ion:167 Resp: 1119864
Ion Ratio Lower Upper
167 100
166 22.2 18.0 27.0
139 13.6 10.9 16.3



#74
Di-n-butylphthalate
Concen: 41.22 ng
RT: 11.910 min Scan# 1670
Delta R.T. -0.000 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

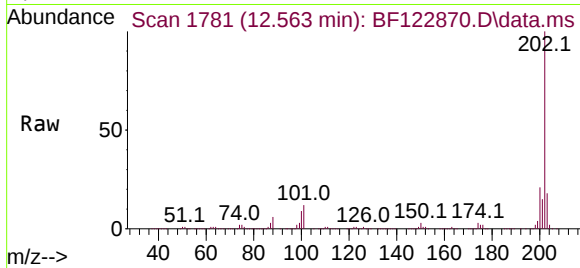
Tgt Ion:149 Resp: 1375408
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 4.9 4.2 6.4



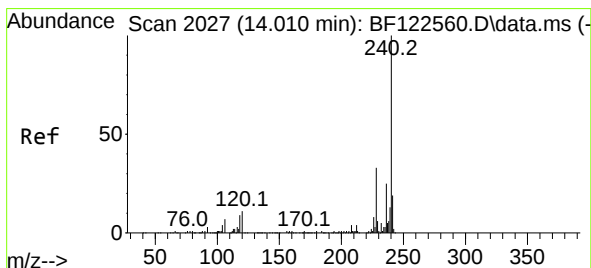
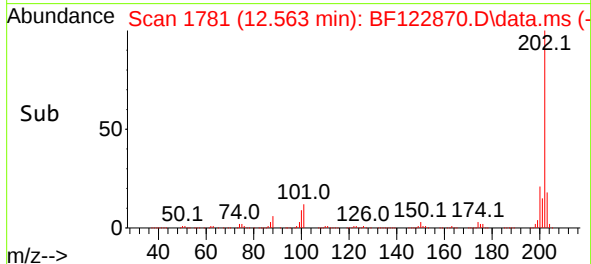
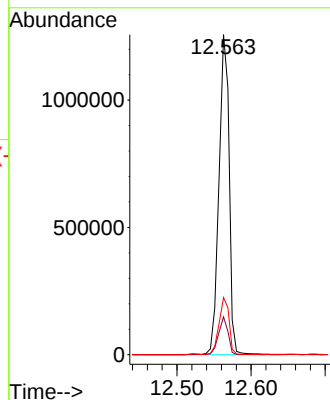


#75
Fluoranthene
Concen: 38.73 ng
RT: 12.563 min Scan# 1781
Delta R.T. 0.006 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Instrument :
BNA_F
ClientSampleId :
72-11991MSD

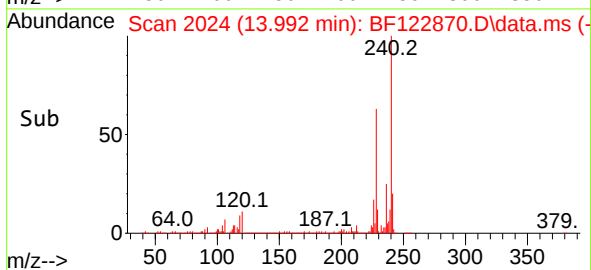
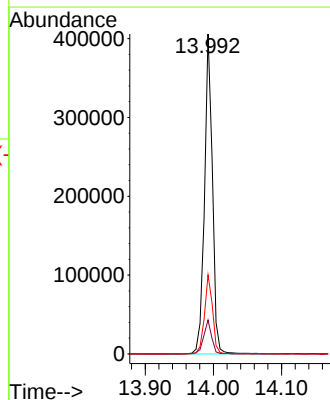
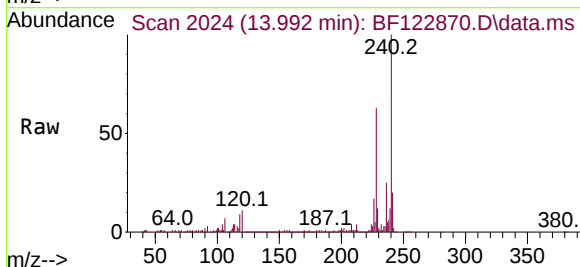


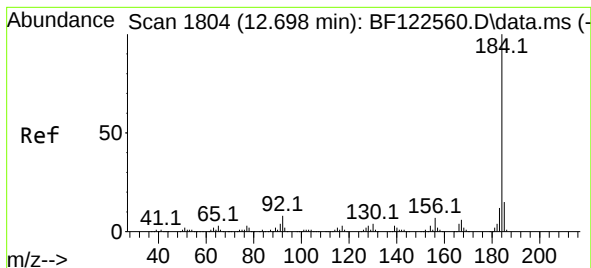
Tgt Ion:202 Resp: 1199164
Ion Ratio Lower Upper
202 100
101 11.8 0.0 32.2
203 17.8 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Tgt Ion:240 Resp: 329462
Ion Ratio Lower Upper
240 100
120 10.6 8.6 12.8
236 24.7 20.3 30.5





#77

Benzidine

Concen: 53.31 ng

RT: 12.686 min Scan# 1802

Delta R.T. 0.006 min

Lab File: BF122870.D

Acq: 29 Dec 2020 18:44

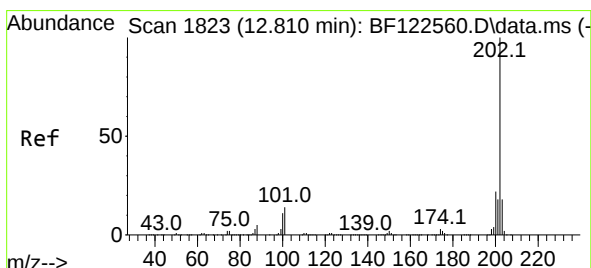
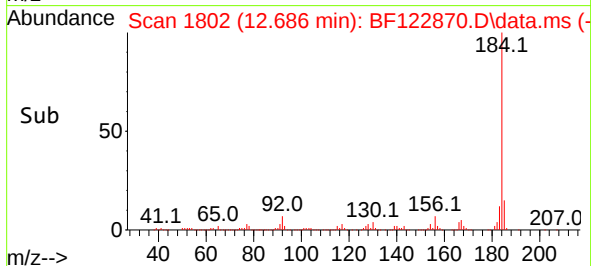
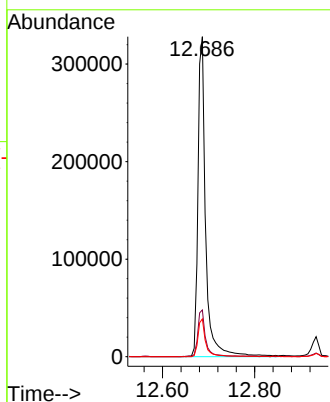
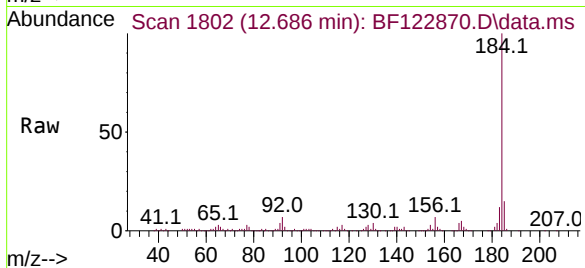
Tgt Ion:184 Resp: 379925

Ion Ratio Lower Upper

184 100

185 14.6 11.8 17.6

183 11.8 9.7 14.5



#78

Pyrene

Concen: 46.29 ng

RT: 12.792 min Scan# 1820

Delta R.T. 0.006 min

Lab File: BF122870.D

Acq: 29 Dec 2020 18:44

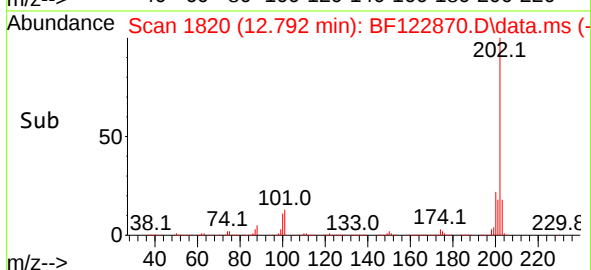
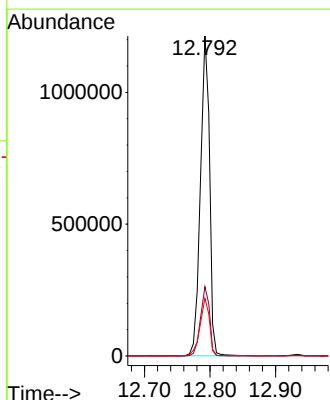
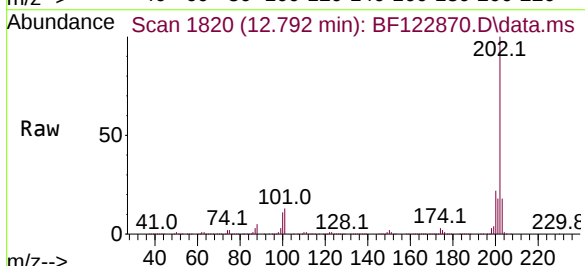
Tgt Ion:202 Resp: 1179176

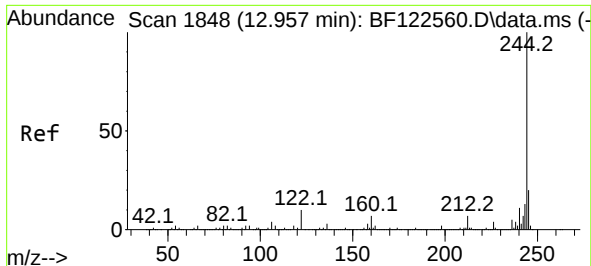
Ion Ratio Lower Upper

202 100

200 21.6 17.6 26.4

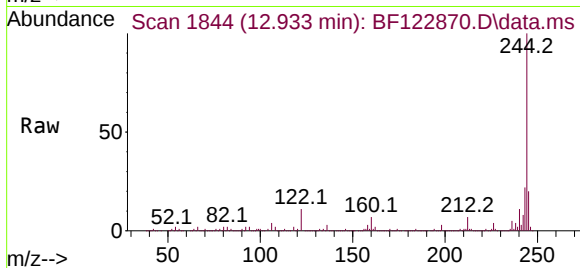
203 18.0 14.6 21.8



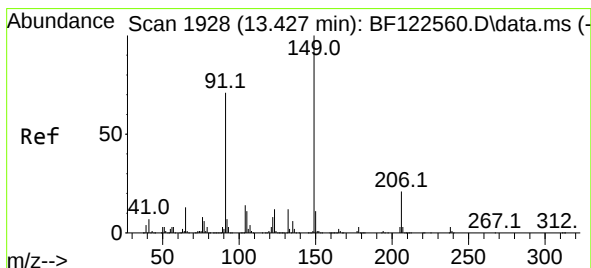
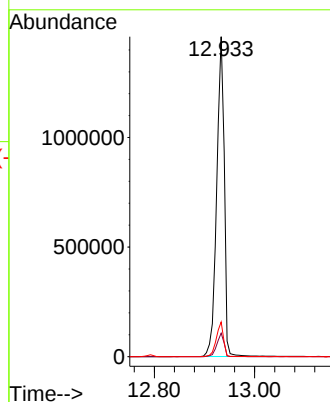
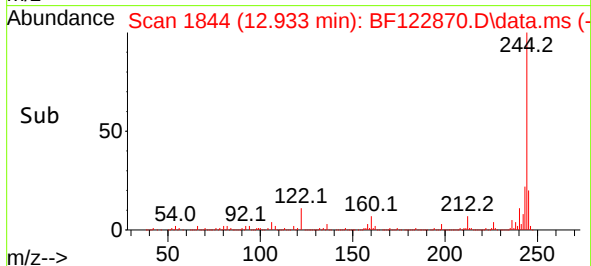


#79
 Terphenyl-d14
 Concen: 81.18 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: BF122870.D
 Acq: 29 Dec 2020 18:44

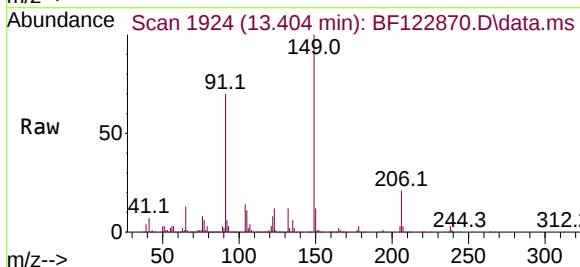
Instrument :
 BNA_F
 ClientSampleId :
 72-11991MSD



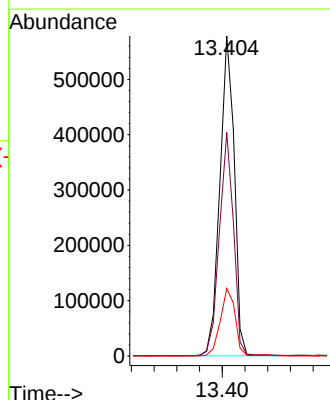
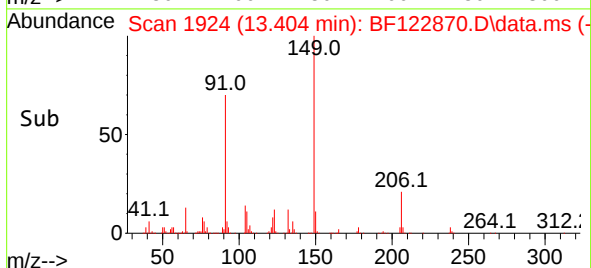
Tgt Ion:244 Resp: 1528006
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 10.8 8.3 12.5

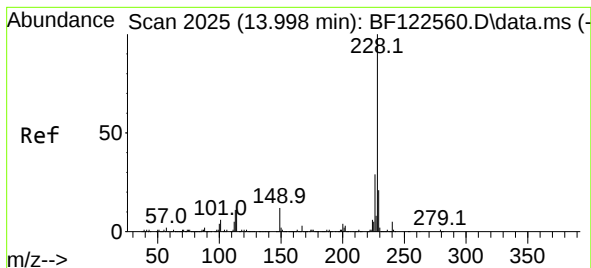


#80
 Butylbenzylphthalate
 Concen: 44.51 ng
 RT: 13.404 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: BF122870.D
 Acq: 29 Dec 2020 18:44



Tgt Ion:149 Resp: 510695
 Ion Ratio Lower Upper
 149 100
 91 69.8 56.5 84.7
 206 21.1 17.0 25.6





#81

Benzo(a)anthracene

Concen: 43.85 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.006 min

Lab File: BF122870.D

Acq: 29 Dec 2020 18:44

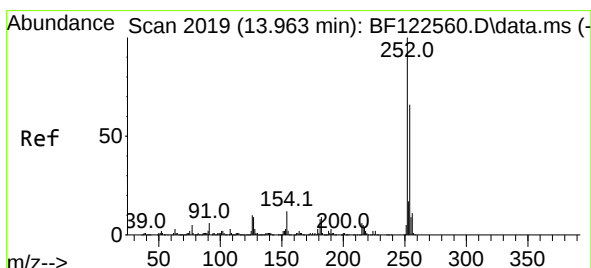
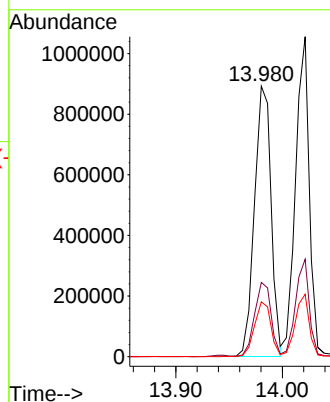
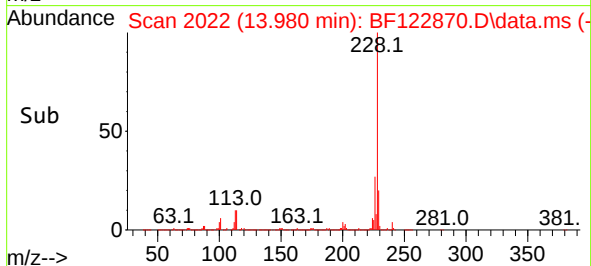
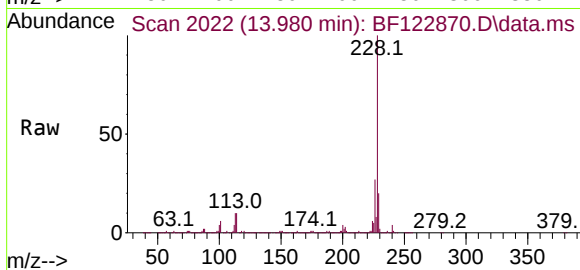
Tgt Ion:228 Resp: 965575

Ion Ratio Lower Upper

228 100

226 27.5 23.0 34.4

229 20.3 16.6 24.8



#82

3,3'-Dichlorobenzidine

Concen: 35.83 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BF122870.D

Acq: 29 Dec 2020 18:44

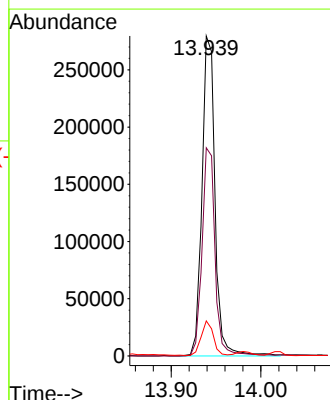
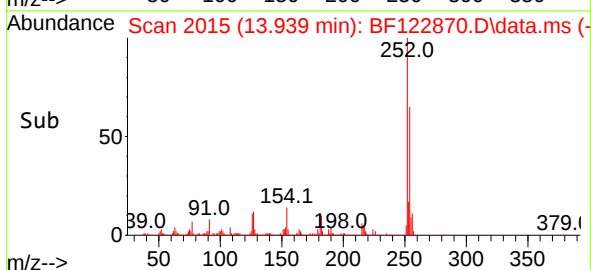
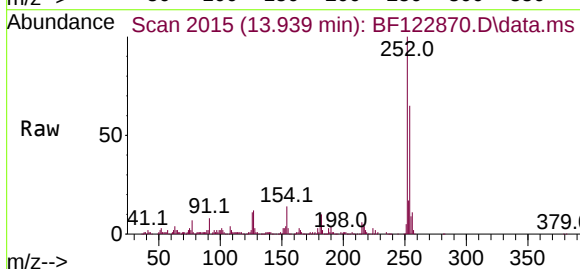
Tgt Ion:252 Resp: 282521

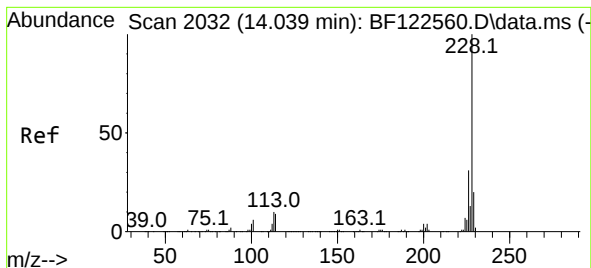
Ion Ratio Lower Upper

252 100

254 65.1 52.7 79.1

126 10.9 8.0 12.0





#83

Chrysene

Concen: 43.83 ng

RT: 14.021 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF122870.D

Acq: 29 Dec 2020 18:44

Tgt Ion:228 Resp: 960468

Ion Ratio Lower Upper

228 100

226 30.5 24.6 36.8

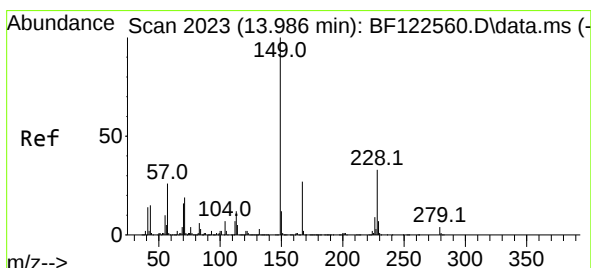
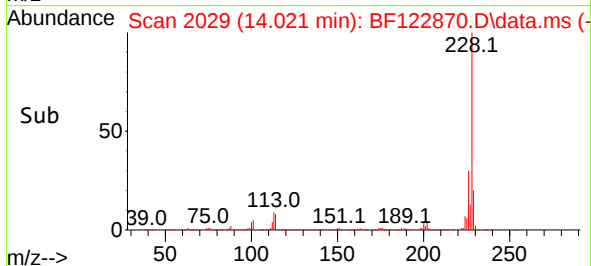
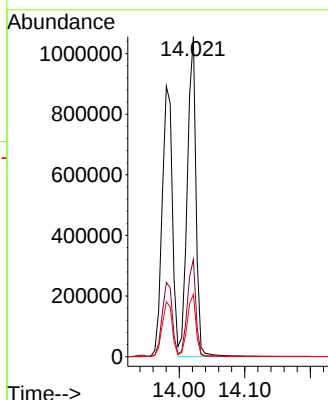
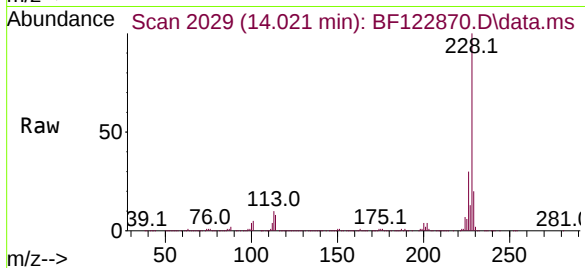
229 19.5 15.8 23.6

Instrument :

BNA_F

ClientSampleId :

72-11991MSD



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.54 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF122870.D

Acq: 29 Dec 2020 18:44

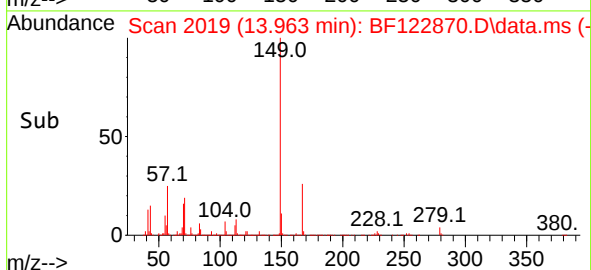
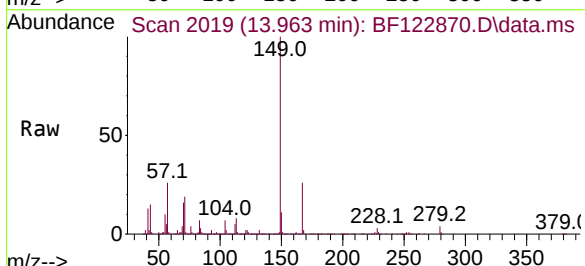
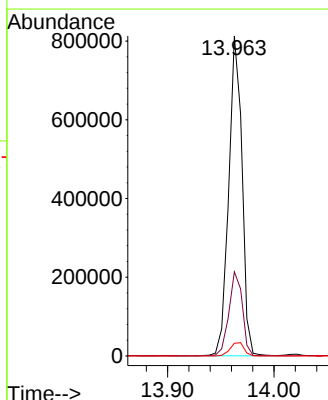
Tgt Ion:149 Resp: 699756

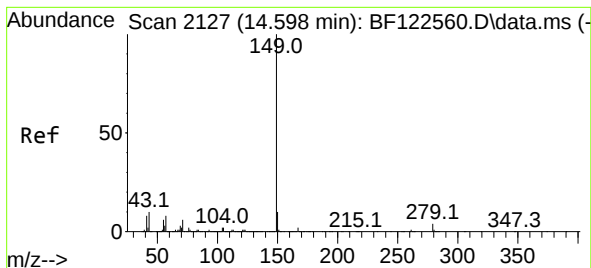
Ion Ratio Lower Upper

149 100

167 26.3 21.4 32.2

279 3.9 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 42.93 ng

RT: 14.574 min Scan# 2123

Delta R.T. -0.000 min

Lab File: BF122870.D

Acq: 29 Dec 2020 18:44

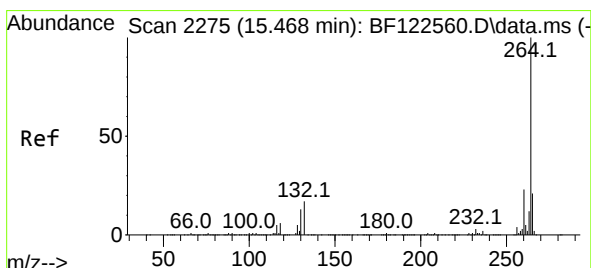
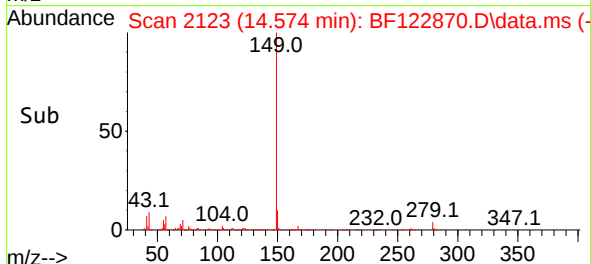
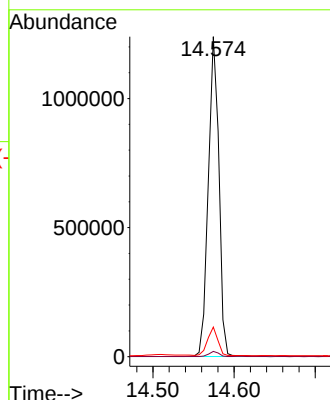
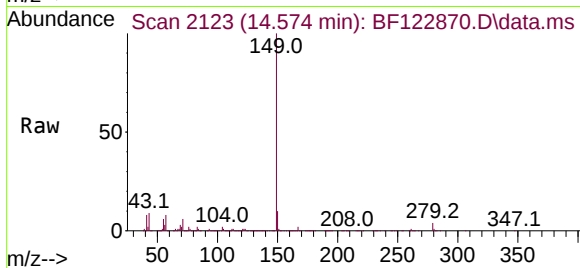
Tgt Ion:149 Resp: 1118866

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.7 7.6 11.4



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.451 min Scan# 2272

Delta R.T. 0.012 min

Lab File: BF122870.D

Acq: 29 Dec 2020 18:44

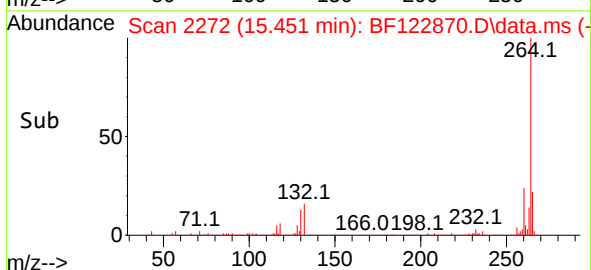
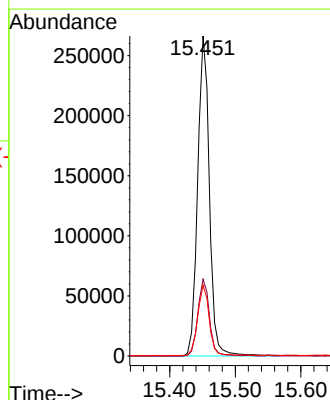
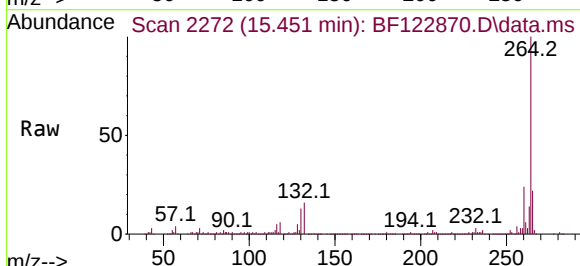
Tgt Ion:264 Resp: 332019

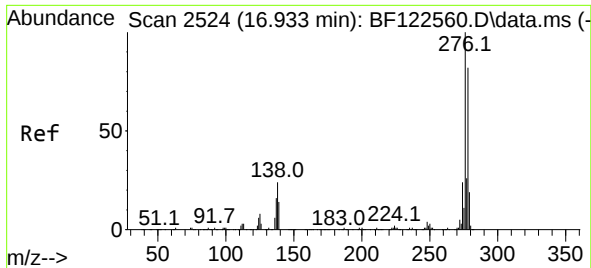
Ion Ratio Lower Upper

264 100

260 24.0 18.6 28.0

265 22.1 17.0 25.6

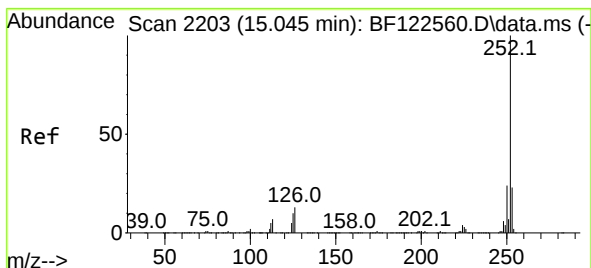
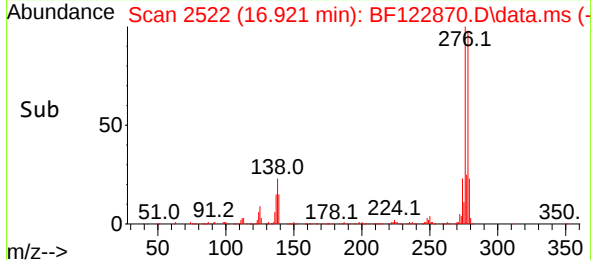
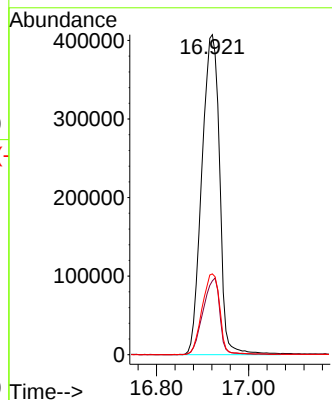
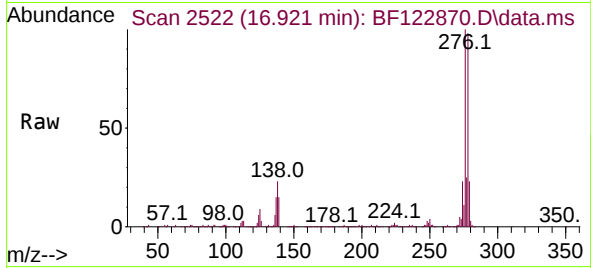




#87
Indeno(1,2,3-cd)pyrene
Concen: 50.28 ng
RT: 16.921 min Scan# 2522
Delta R.T. 0.029 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

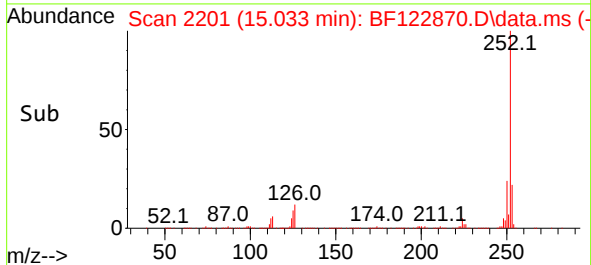
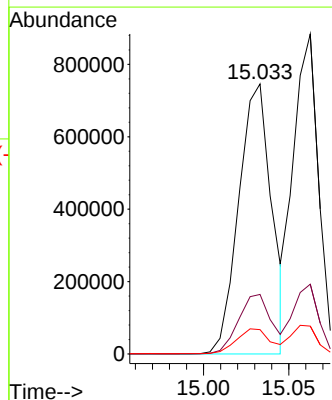
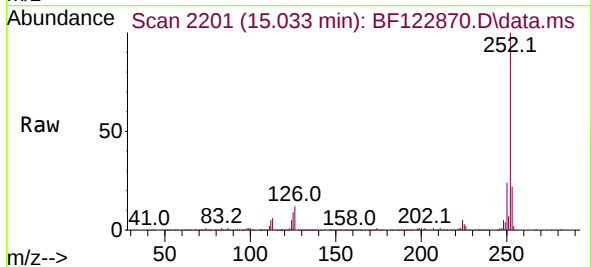
Instrument :
BNA_F
ClientSampleId :
72-11991MSD

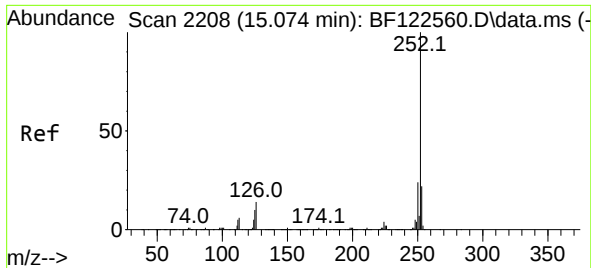
Tgt Ion:276 Resp: 1095873
Ion Ratio Lower Upper
276 100
138 22.8 18.7 28.1
277 25.3 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 43.02 ng
RT: 15.033 min Scan# 2201
Delta R.T. 0.012 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Tgt Ion:252 Resp: 1002149
Ion Ratio Lower Upper
252 100
253 22.0 18.3 27.5
125 9.0 8.1 12.1

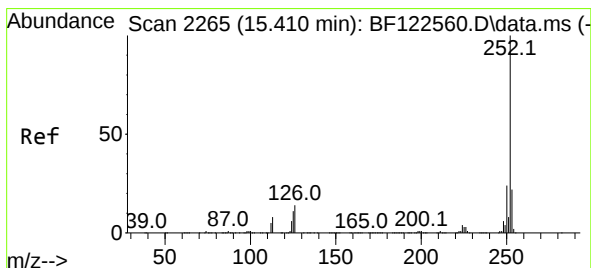
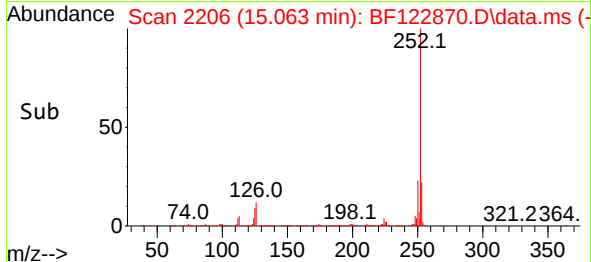
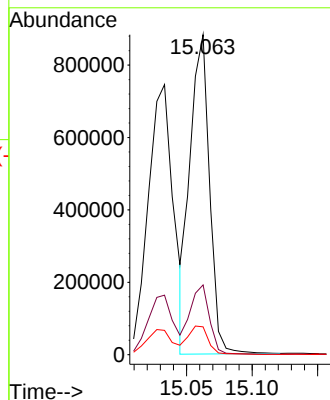
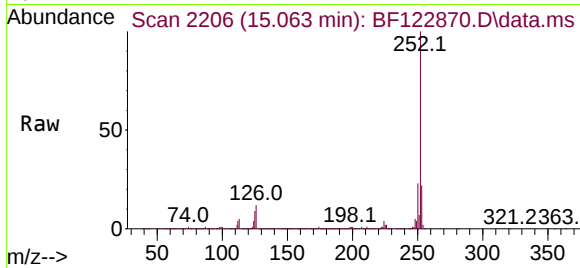




#89
Benzo(k)fluoranthene
Concen: 42.86 ng
RT: 15.063 min Scan# 2206
Delta R.T. 0.012 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

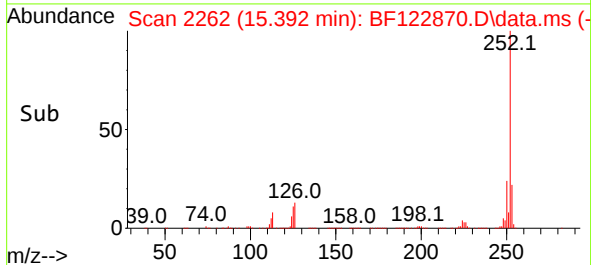
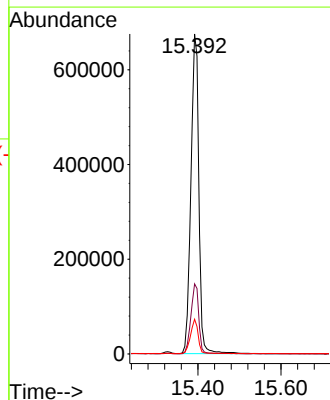
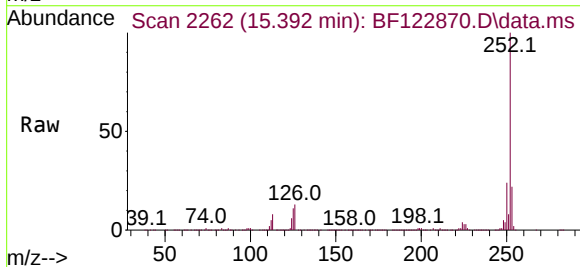
Instrument :
BNA_F
ClientSampleId :
72-11991MSD

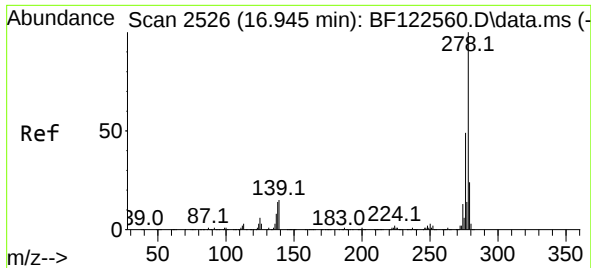
Tgt Ion:252 Resp: 912897
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 8.7 8.4 12.6



#90
Benzo(a)pyrene
Concen: 43.57 ng
RT: 15.392 min Scan# 2262
Delta R.T. 0.012 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Tgt Ion:252 Resp: 887888
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.9 8.6 12.8

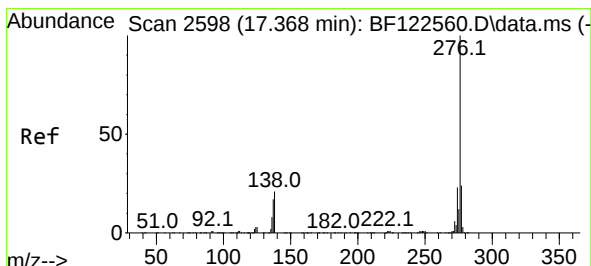
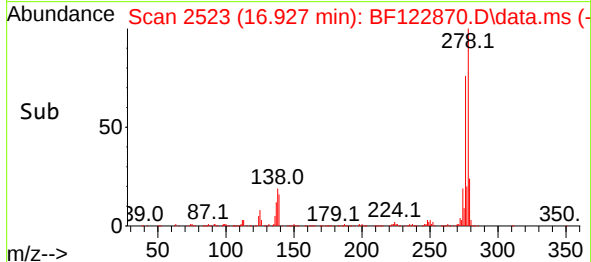
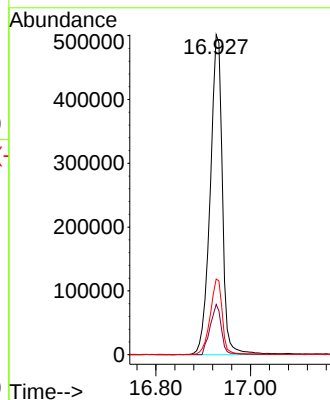
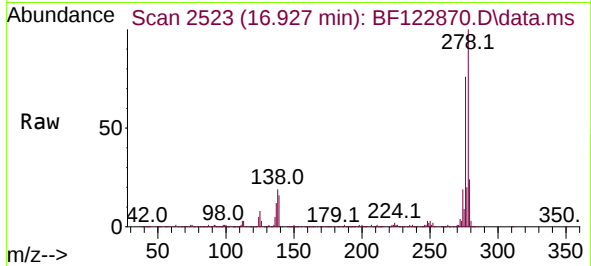




#91
Dibenzo(a,h)anthracene
Concen: 50.37 ng
RT: 16.927 min Scan# 2523
Delta R.T. 0.023 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Instrument :
BNA_F
ClientSampleId :
72-11991MSD

Tgt Ion:278 Resp: 898525
Ion Ratio Lower Upper
278 100
139 15.7 12.0 18.0
279 23.7 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 54.09 ng
RT: 17.362 min Scan# 2597
Delta R.T. 0.035 min
Lab File: BF122870.D
Acq: 29 Dec 2020 18:44

Tgt Ion:276 Resp: 933716
Ion Ratio Lower Upper
276 100
277 22.8 19.3 28.9
138 18.8 16.6 24.8

