

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
 Data File : BF130962.D
 Acq On : 03 Nov 2022 14:33
 Operator : CG\JU
 Sample : N5380-07MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-CMS

Quant Time: Nov 03 15:39:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 03 03:37:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	54823	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	187622	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	82526	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	133352	20.000	ng	0.00
76) Chrysene-d12	14.116	240	127547	20.000	ng	0.00
86) Perylene-d12	15.627	264	133932	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	407587	128.887	ng	0.01
7) Phenol-d6	6.551	99	490762	119.422	ng	0.00
23) Nitrobenzene-d5	7.492	82	329644	105.943	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	99049	142.578	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	488842	89.556	ng	0.00
79) Terphenyl-d14	13.051	244	441820	63.476	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.793	88	90443	63.790	ng	94
3) Pyridine	3.557	79	211552	53.271	ng	99
4) n-Nitrosodimethylamine	3.522	42	124309	55.759	ng	95
6) Aniline	6.587	93	223396	43.963	ng	99
8) 2-Chlorophenol	6.710	128	174750	49.606	ng	98
9) Benzaldehyde	6.475	77	136056	51.728	ng	92
10) Phenol	6.563	94	226915	51.312	ng	98
11) bis(2-Chloroethyl)ether	6.657	93	173141	50.224	ng	96
12) 1,3-Dichlorobenzene	6.863	146	201592	50.501	ng	96
13) 1,4-Dichlorobenzene	6.939	146	203474	50.216	ng	98
14) 1,2-Dichlorobenzene	7.092	146	192543	51.309	ng	97
15) Benzyl Alcohol	7.063	79	152936	43.766	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.198	45	290631	47.296	ng	94
17) 2-Methylphenol	7.175	107	144392	47.955	ng	96
18) Hexachloroethane	7.439	117	78158	53.371	ng	92
19) n-Nitroso-di-n-propyla...	7.334	70	127208	45.496	ng	95
20) 3+4-Methylphenols	7.322	107	164237	41.952	ng	# 90
22) Acetophenone	7.334	105	251477	55.282	ng	95
24) Nitrobenzene	7.510	77	197233	57.969	ng	97
25) Isophorone	7.745	82	330213	51.464	ng	98
26) 2-Nitrophenol	7.822	139	85211	62.201	ng	# 86
27) 2,4-Dimethylphenol	7.857	122	137816	51.609	ng	98
28) bis(2-Chloroethoxy)met...	7.957	93	200385	55.919	ng	100
29) 2,4-Dichlorophenol	8.063	162	128066	46.620	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	149050	50.458	ng	98
31) Naphthalene	8.234	128	480334	49.069	ng	99
32) Benzoic acid	7.963	122	75653	41.165	ng	96
33) 4-Chloroaniline	8.281	127	138594	35.830	ng	97
34) Hexachlorobutadiene	8.345	225	103297	52.679	ng	99
35) Caprolactam	8.645	113	36738	41.733	ng	93
36) 4-Chloro-3-methylphenol	8.757	107	131641	44.179	ng	98
37) 2-Methylnaphthalene	8.922	142	282891	45.944	ng	99
38) 1-Methylnaphthalene	9.022	142	257402	42.956	ng	100
40) 1,2,4,5-Tetrachloroben...	9.086	216	143345	61.251	ng	99
41) Hexachlorocyclopentadiene	9.075	237	107746	87.624	ng	98
43) 2,4,6-Trichlorophenol	9.198	196	85389	52.509	ng	99

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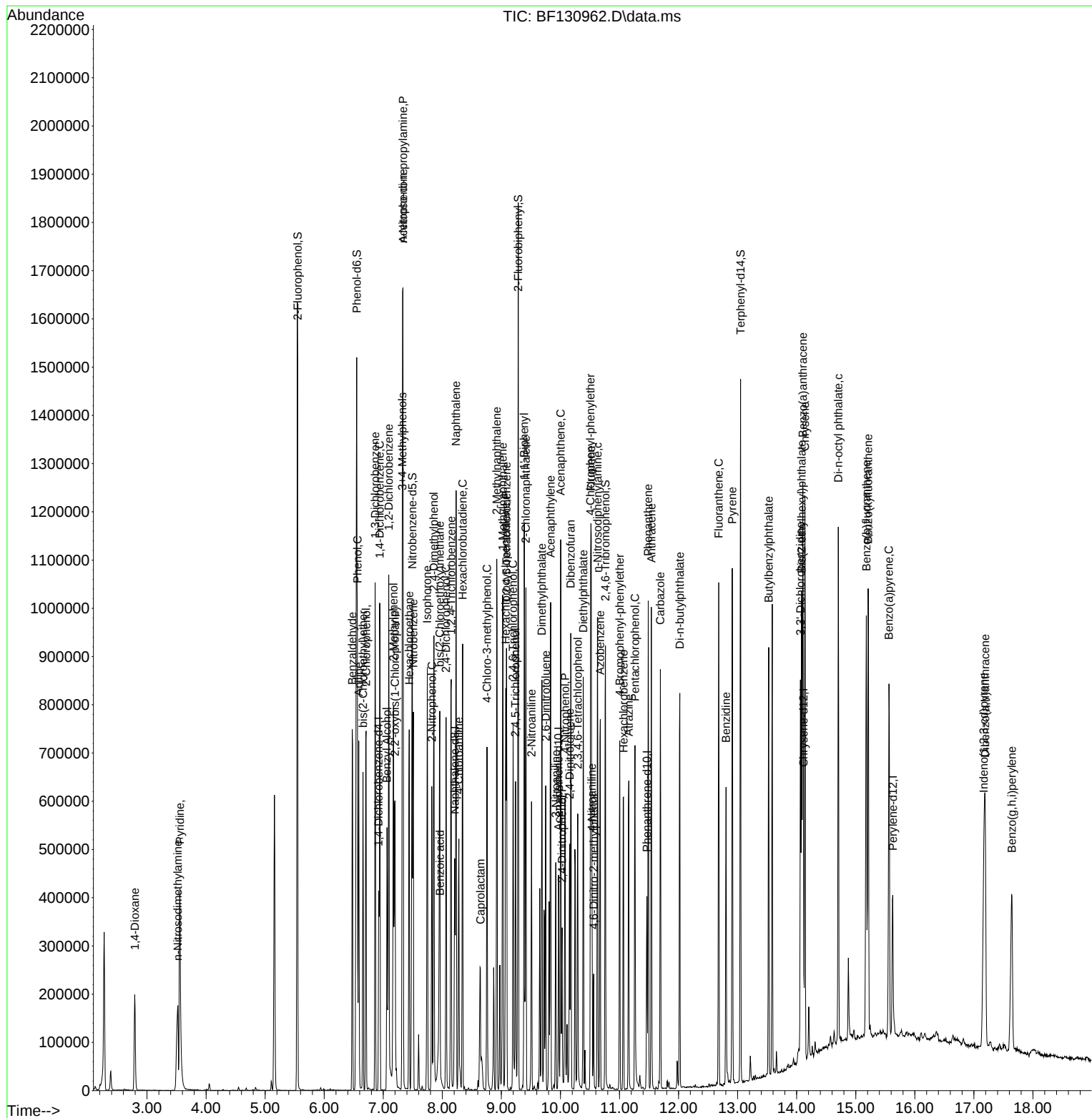
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	87991	50.645	ng	99
46) 1,1'-Biphenyl	9.386	154	333348	56.696	ng	100
47) 2-Chloronaphthalene	9.416	162	255926	54.284	ng	97
48) 2-Nitroaniline	9.510	65	88861	57.698	ng	98
49) Acenaphthylene	9.833	152	368839	49.507	ng	98
50) Dimethylphthalate	9.686	163	288237	50.850	ng	100
51) 2,6-Dinitrotoluene	9.751	165	60950	56.067	ng	92
52) Acenaphthene	10.004	154	245056	53.193	ng	99
53) 3-Nitroaniline	9.922	138	52816	47.838	ng	# 91
54) 2,4-Dinitrophenol	10.028	184	34645	70.976	ng	90
55) Dibenzofuran	10.175	168	321597	48.161	ng	99
56) 4-Nitrophenol	10.080	139	87554	100.153	ng	92
57) 2,4-Dinitrotoluene	10.157	165	77369	56.442	ng	# 96
58) Fluorene	10.522	166	249779	47.504	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.292	232	65636	45.822	ng	98
60) Diethylphthalate	10.386	149	276366	49.575	ng	98
61) 4-Chlorophenyl-phenyle...	10.510	204	124171	49.364	ng	97
62) 4-Nitroaniline	10.533	138	54782	49.001	ng	92
63) Azobenzene	10.675	77	265189	45.571	ng	97
65) 4,6-Dinitro-2-methylph...	10.563	198	25901	46.727	ng	91
66) n-Nitrosodiphenylamine	10.627	169	219040	52.661	ng	98
67) 4-Bromophenyl-phenylether	11.004	248	73273	54.638	ng	97
68) Hexachlorobenzene	11.069	284	79095	53.531	ng	95
69) Atrazine	11.157	200	70456	58.654	ng	99
70) Pentachlorophenol	11.263	266	78904	93.583	ng	98
71) Phenanthrene	11.486	178	338854	49.232	ng	99
72) Anthracene	11.539	178	340105	50.099	ng	100
73) Carbazole	11.692	167	306523	50.419	ng	100
74) Di-n-butylphthalate	12.022	149	375689	50.883	ng	98
75) Fluoranthene	12.680	202	384568	52.588	ng	98
77) Benzidine	12.804	184	218356	70.524	ng	99
78) Pyrene	12.910	202	405948	37.724	ng	99
80) Butylbenzylphthalate	13.527	149	178266	46.046	ng	92
81) Benzo(a)anthracene	14.104	228	428005	50.613	ng	100
82) 3,3'-Dichlorobenzidine	14.063	252	148891	65.236	ng	96
83) Chrysene	14.139	228	402730	49.373	ng	99
84) Bis(2-ethylhexyl)phtha...	14.086	149	248279	53.337	ng	# 99
85) Di-n-octyl phthalate	14.704	149	458064	71.301	ng	99
87) Indeno(1,2,3-cd)pyrene	17.168	276	385706	43.366	ng	97
88) Benzo(b)fluoranthene	15.180	252	426587	49.272	ng	100
89) Benzo(k)fluoranthene	15.210	252	421797	49.997	ng	98
90) Benzo(a)pyrene	15.562	252	376531	54.101	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	328076	45.249	ng	98
92) Benzo(g,h,i)perylene	17.645	276	294988	39.879	ng	96

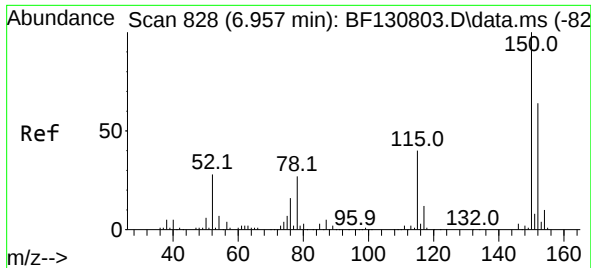
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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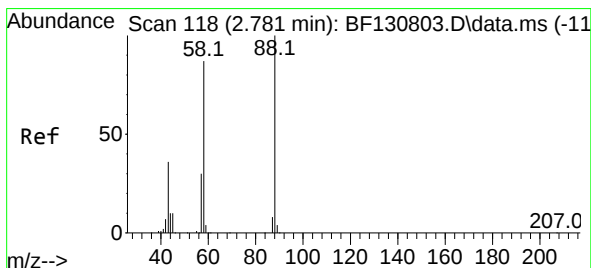
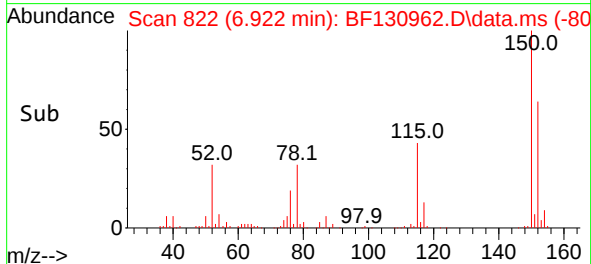
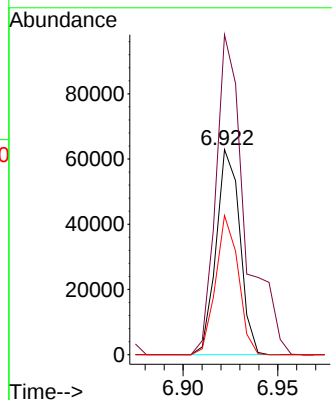
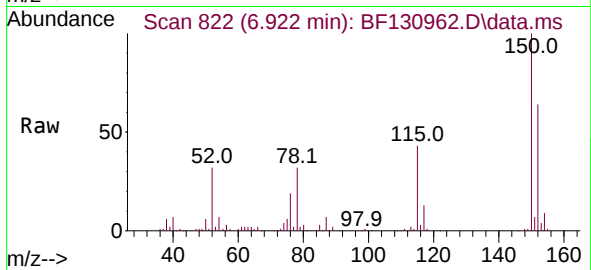




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.922 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF130962.D
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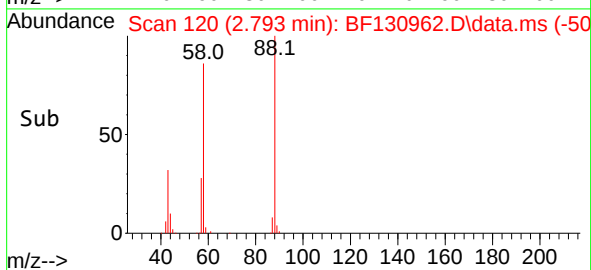
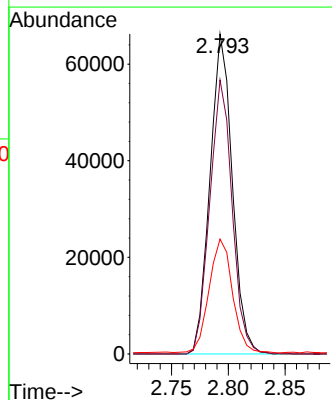
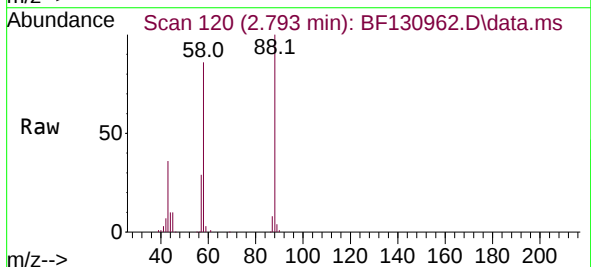
Instrument :
 BNA_F
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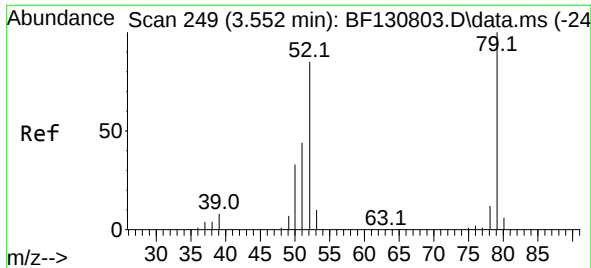
Tgt Ion:152 Resp: 54823
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.1 186.1
 115 67.8 50.1 75.1



#2
 1,4-Dioxane
 Concen: 63.790 ng
 RT: 2.793 min Scan# 120
 Delta R.T. 0.065 min
 Lab File: BF130962.D
 Acq: 03 Nov 2022 14:33

Tgt Ion: 88 Resp: 90443
 Ion Ratio Lower Upper
 88 100
 58 85.8 64.7 97.1
 43 37.5 26.5 39.7





#3

Pyridine

Concen: 53.271 ng

RT: 3.557 min Scan# 249

Delta R.T. 0.059 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

Instrument :

BNA_F

ClientSampleId :

TP-CMS

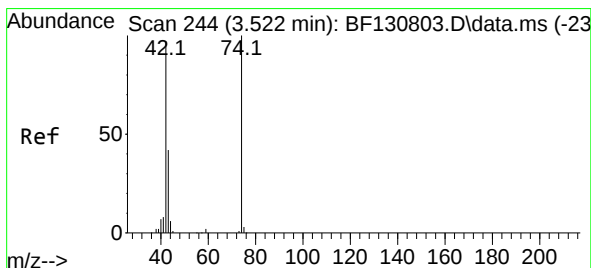
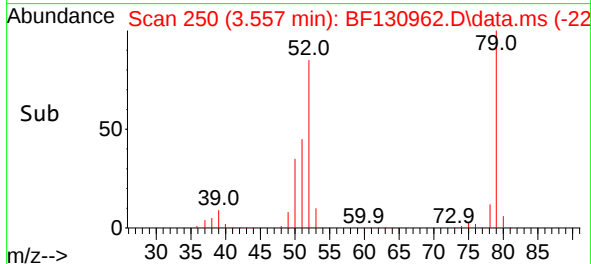
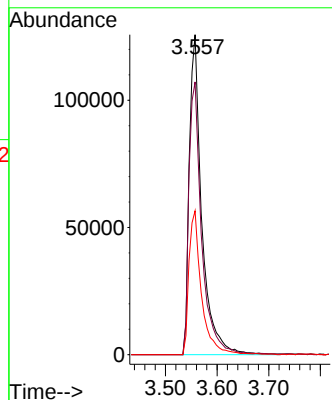
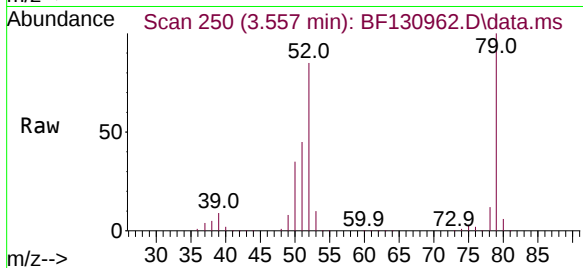
Tgt Ion: 79 Resp: 211552

Ion Ratio Lower Upper

79 100

52 85.3 68.2 102.4

51 44.9 35.2 52.8



#4

n-Nitrosodimethylamine

Concen: 55.759 ng

RT: 3.522 min Scan# 244

Delta R.T. 0.053 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

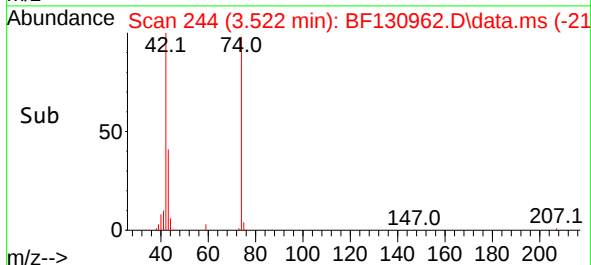
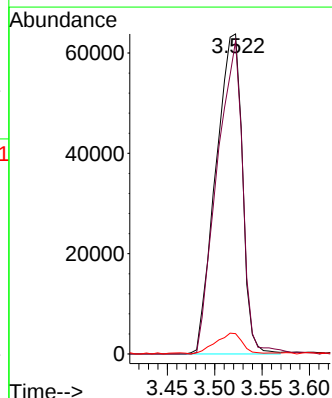
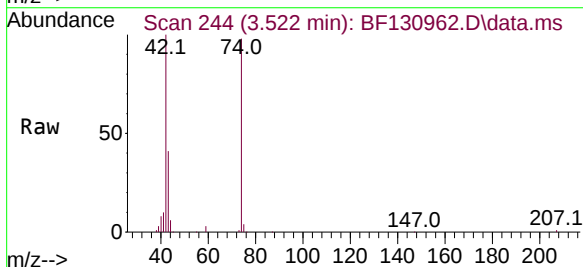
Tgt Ion: 42 Resp: 124309

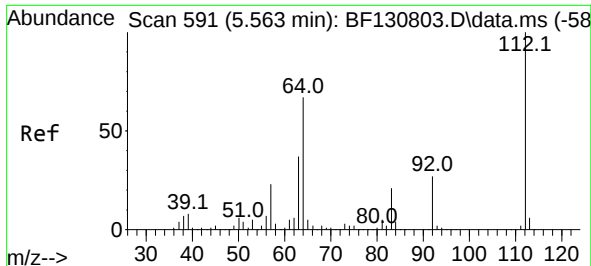
Ion Ratio Lower Upper

42 100

74 97.7 82.8 124.2

44 6.4 6.0 9.0

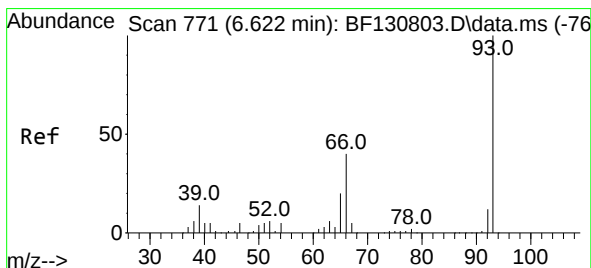
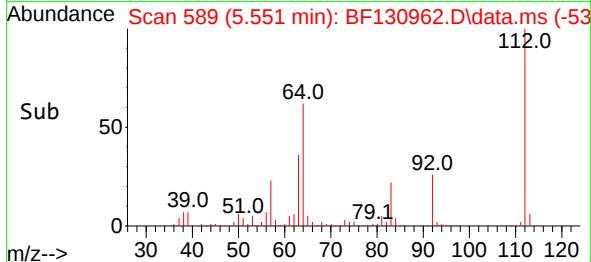
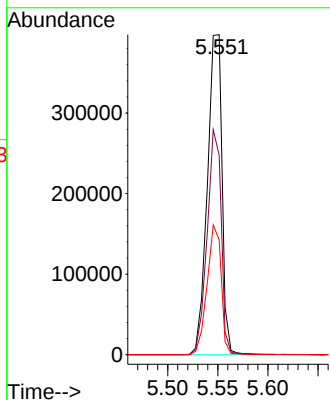
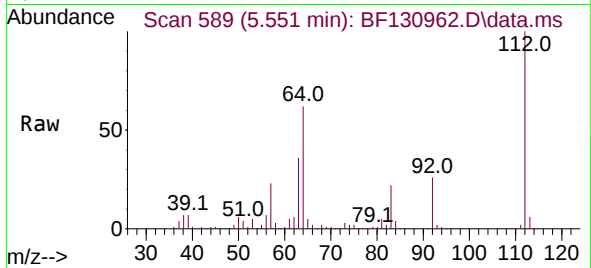




#5
2-Fluorophenol
Concen: 128.887 ng
RT: 5.551 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

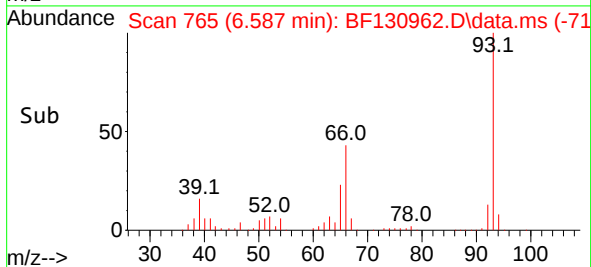
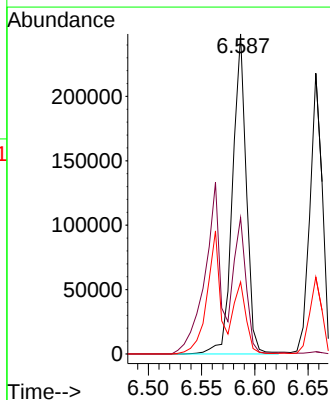
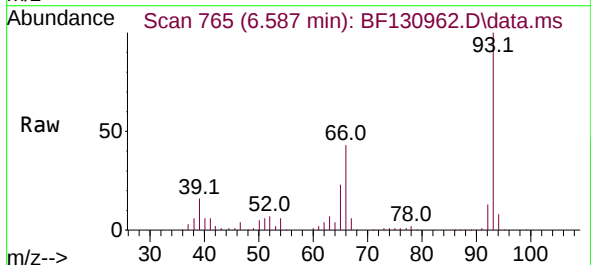
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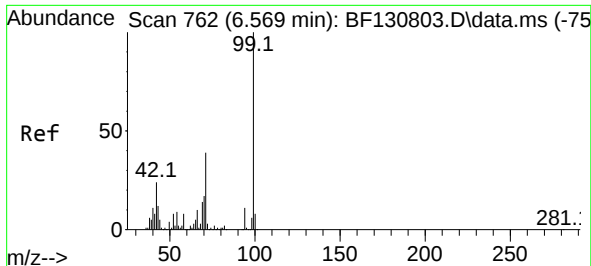
Tgt Ion:112 Resp: 407587
Ion Ratio Lower Upper
112 100
64 62.3 53.9 80.9
63 35.9 29.4 44.2



#6
Aniline
Concen: 43.963 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

Tgt Ion: 93 Resp: 223396
Ion Ratio Lower Upper
93 100
66 42.6 33.8 50.8
65 22.5 17.2 25.8

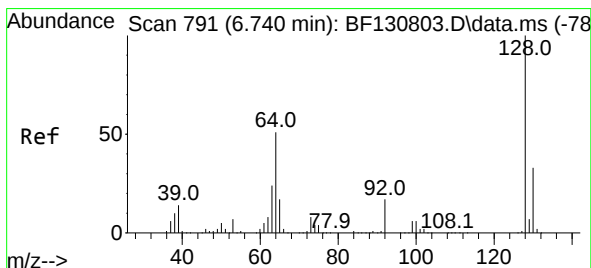
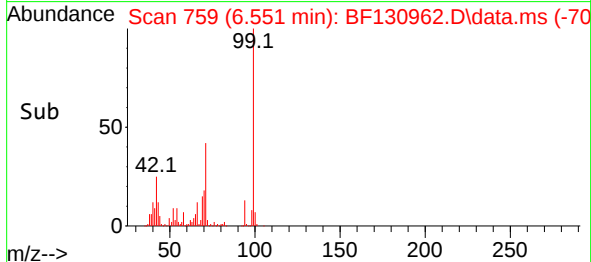
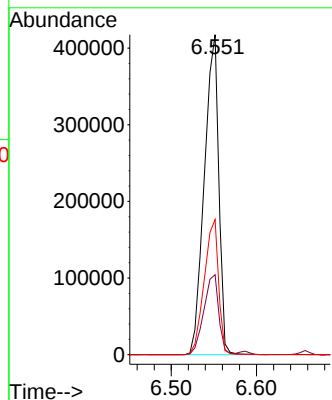
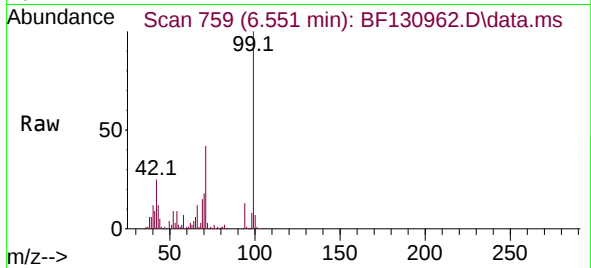




#7
Phenol-d6
Concen: 119.422 ng
RT: 6.551 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

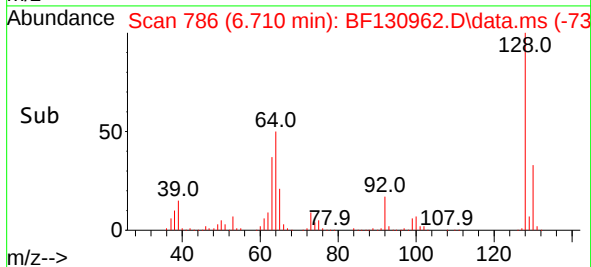
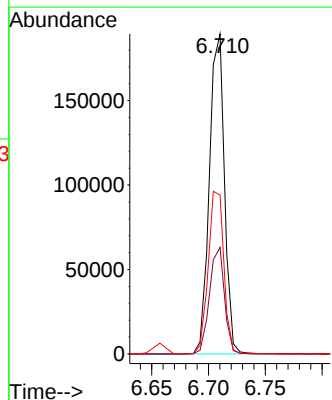
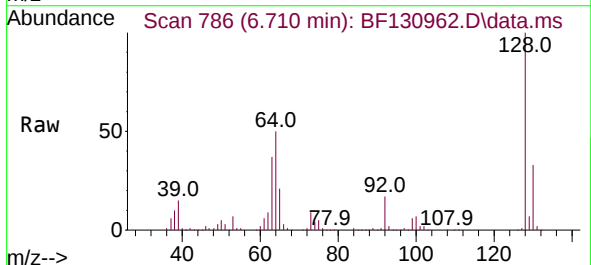
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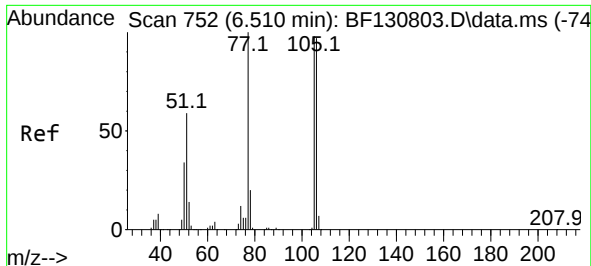
Tgt Ion: 99 Resp: 490762
Ion Ratio Lower Upper
99 100
42 25.0 18.8 28.2
71 42.2 31.4 47.0



#8
2-Chlorophenol
Concen: 49.606 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.000 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

Tgt Ion: 128 Resp: 174750
Ion Ratio Lower Upper
128 100
130 33.3 12.7 52.7
64 49.7 31.3 71.3

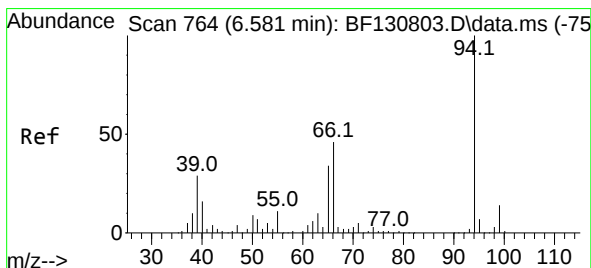
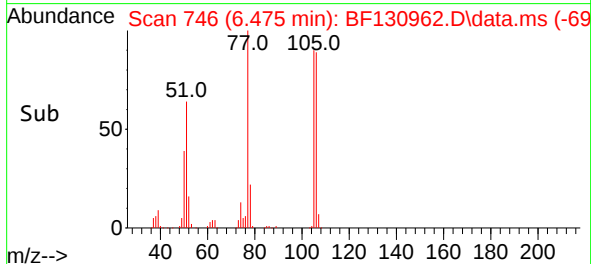
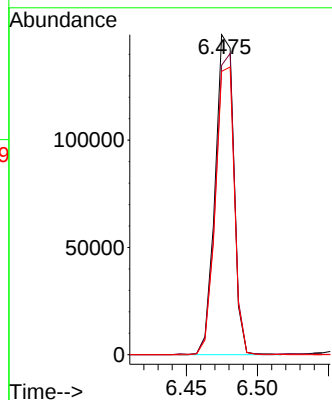
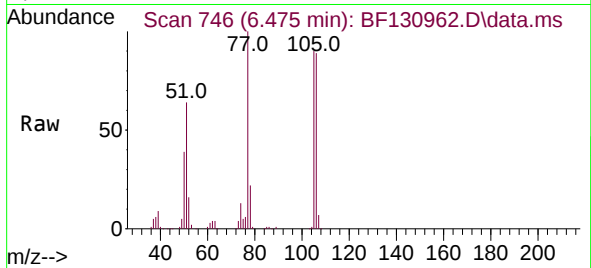




#9
Benzaldehyde
Concen: 51.728 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF130962.D
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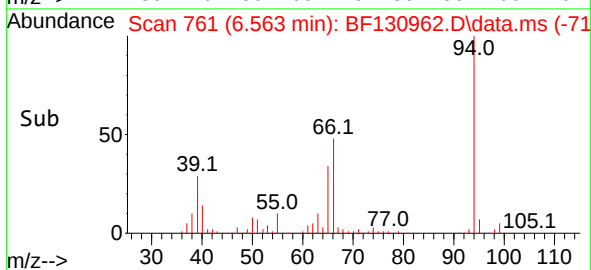
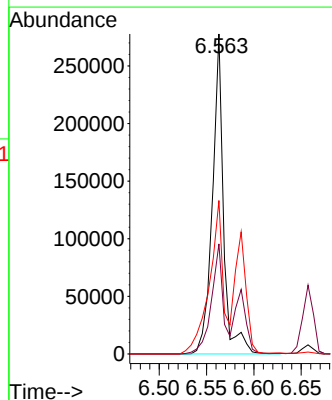
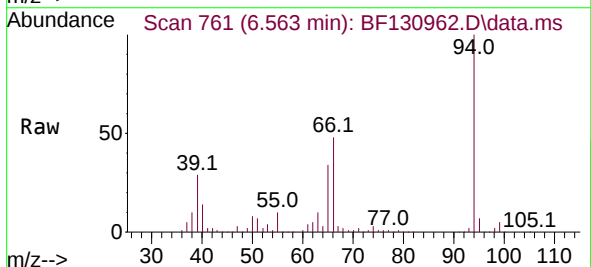
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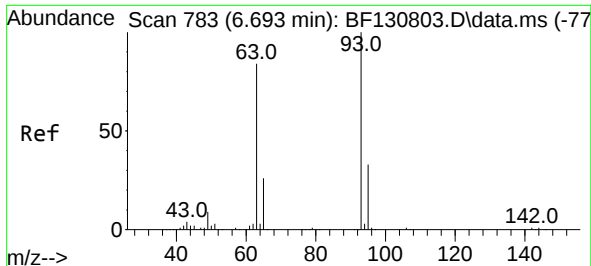
Tgt Ion: 77 Resp: 136056
Ion Ratio Lower Upper
77 100
105 90.4 78.2 118.2
106 88.5 76.6 116.6



#10
Phenol
Concen: 51.312 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.000 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

Tgt Ion: 94 Resp: 226915
Ion Ratio Lower Upper
94 100
65 34.4 13.7 53.7
66 47.9 26.5 66.5

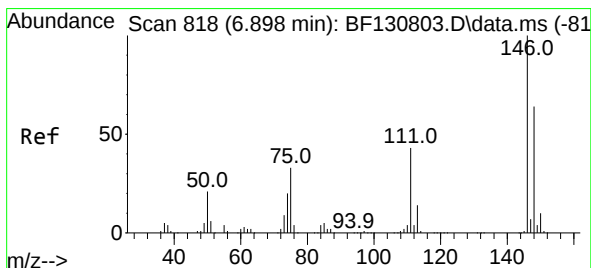
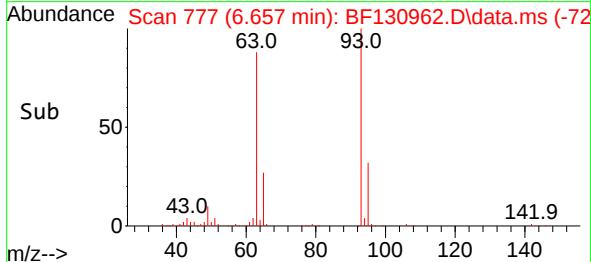
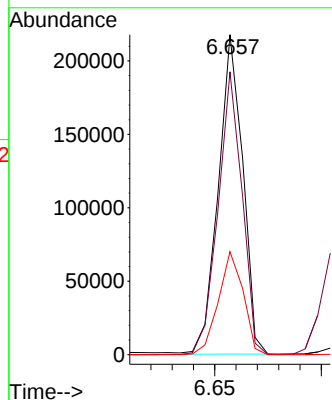
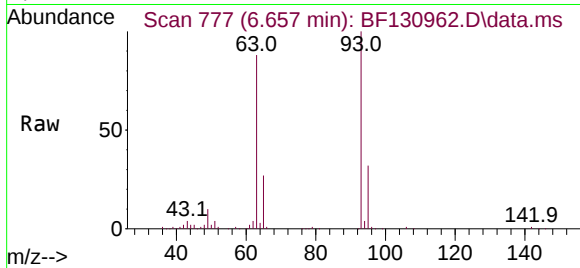




#11
bis(2-Chloroethyl)ether
Concen: 50.224 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

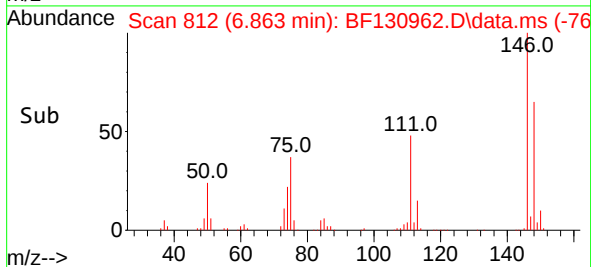
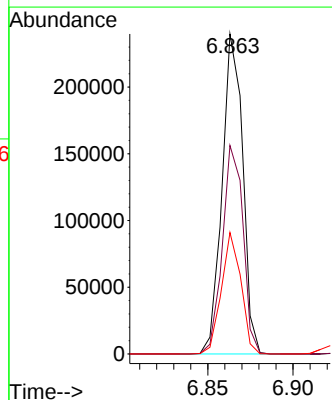
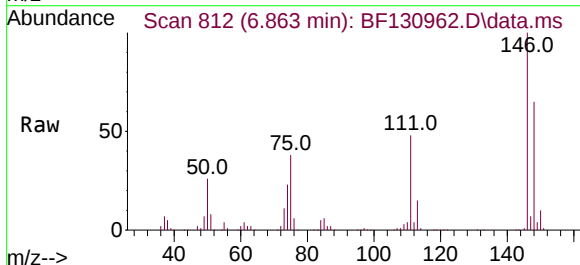
Instrument :
BNA_F
ClientSampleId :
TP-CMS

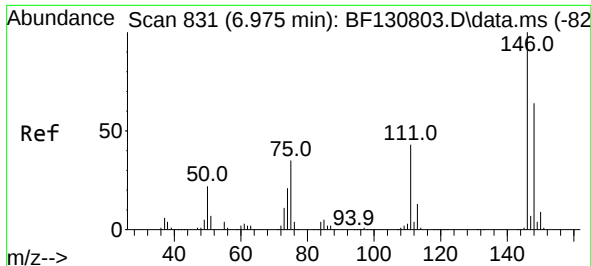
Tgt Ion: 93 Resp: 173141
Ion Ratio Lower Upper
93 100
63 88.4 63.4 103.4
95 32.2 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 50.501 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

Tgt Ion:146 Resp: 201592
Ion Ratio Lower Upper
146 100
148 65.2 51.4 77.0
75 37.9 26.6 40.0

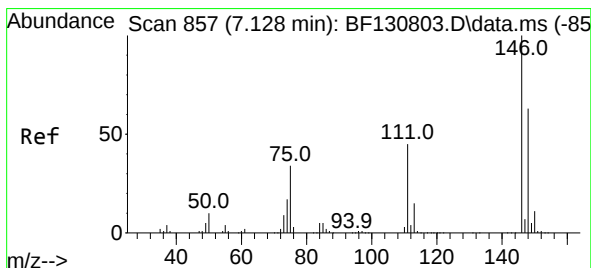
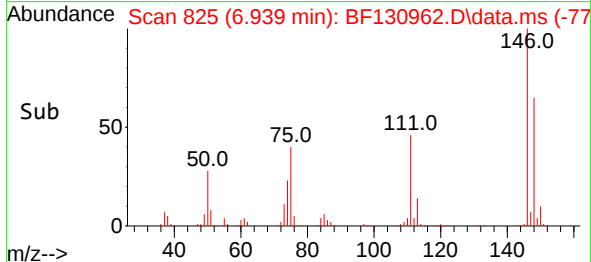
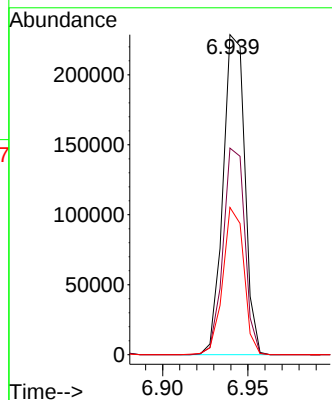
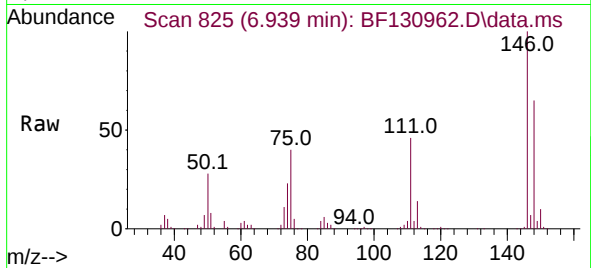




#13
1,4-Dichlorobenzene
Concen: 50.216 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

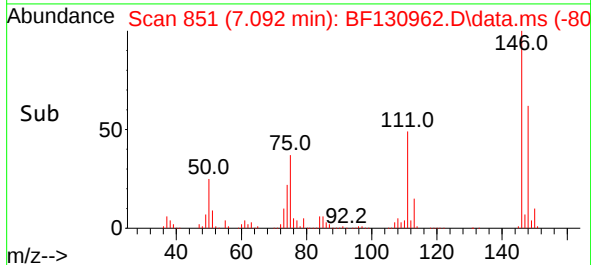
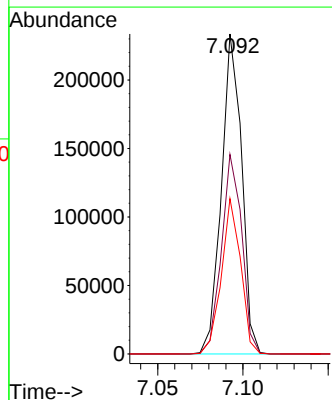
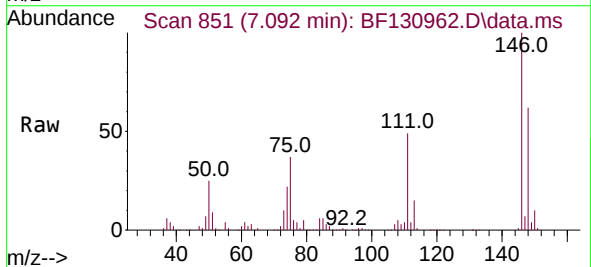
Instrument :
BNA_F
ClientSampleId :
TP-CMS

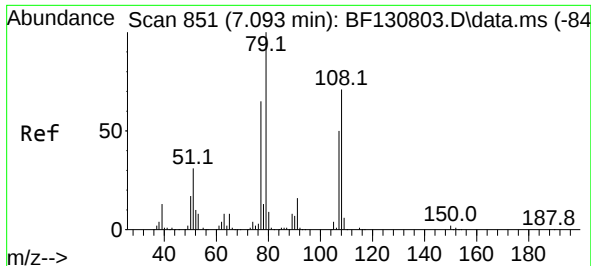
Tgt Ion:146 Resp: 203474
Ion Ratio Lower Upper
146 100
148 64.5 51.3 76.9
111 46.0 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 51.309 ng
RT: 7.092 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

Tgt Ion:146 Resp: 192543
Ion Ratio Lower Upper
146 100
148 62.4 50.6 76.0
111 48.6 36.3 54.5

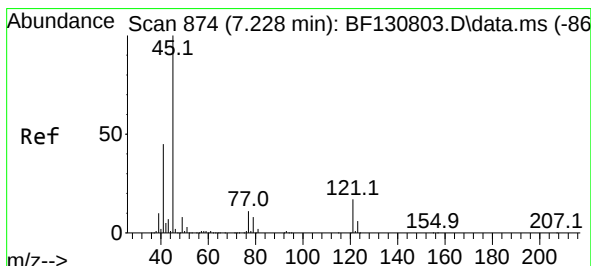
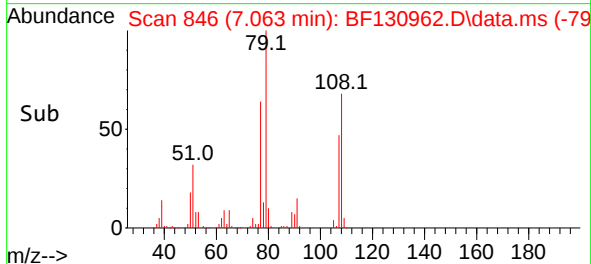
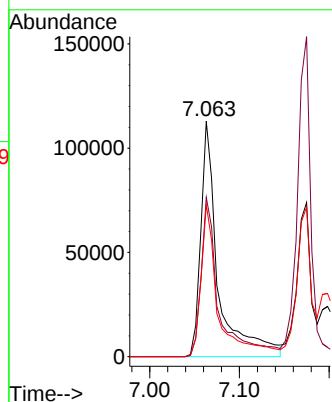
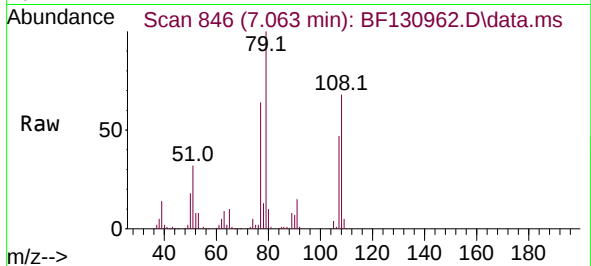




#15
Benzyl Alcohol
Concen: 43.766 ng
RT: 7.063 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

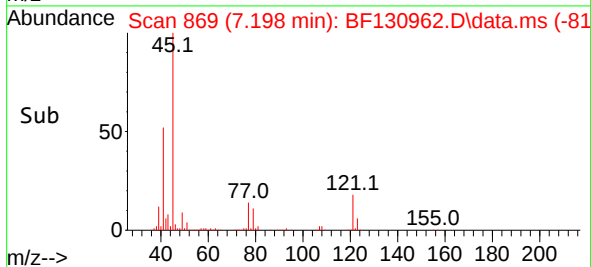
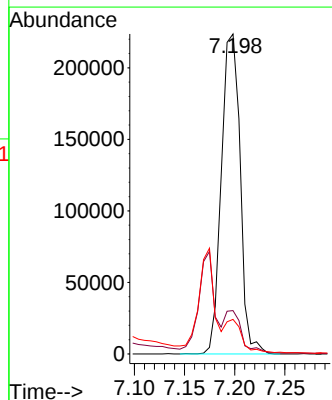
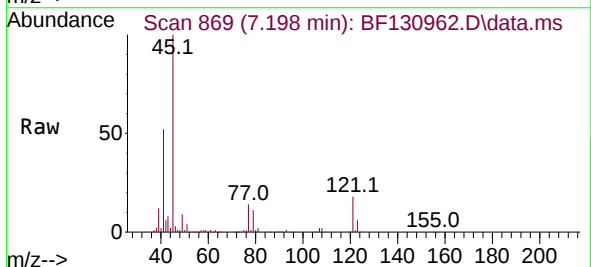
Instrument :
BNA_F
ClientSampleId :
TP-CMS

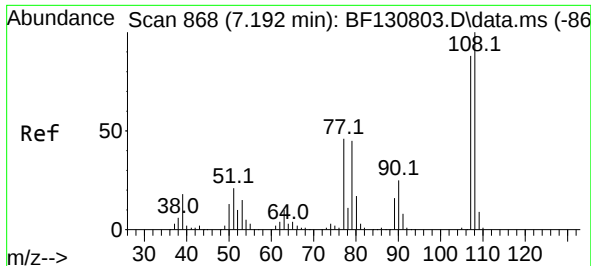
Tgt Ion: 79 Resp: 152936
Ion Ratio Lower Upper
79 100
108 67.7 56.4 84.6
77 64.4 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.296 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

Tgt Ion: 45 Resp: 290631
Ion Ratio Lower Upper
45 100
77 13.6 0.0 31.2
79 10.8 0.0 28.4

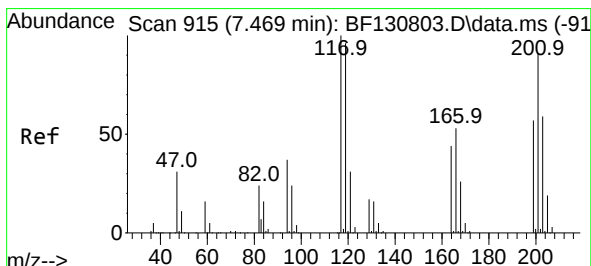
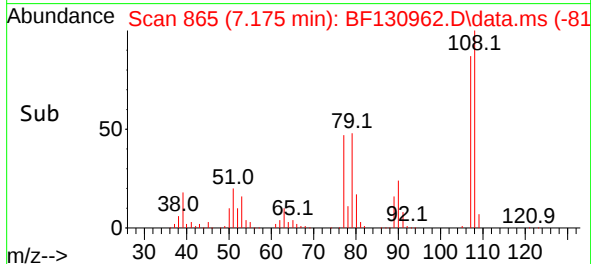
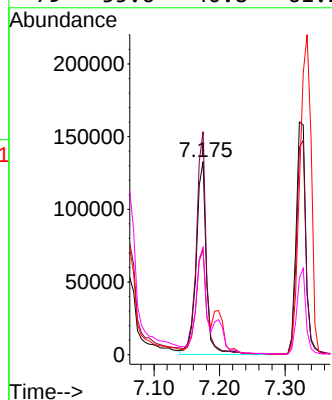
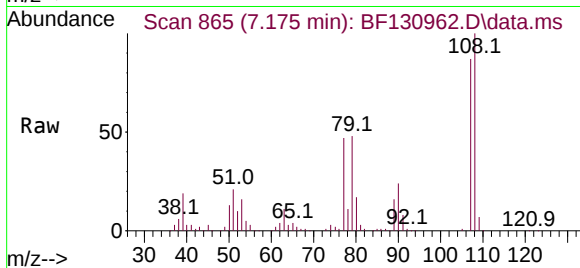




#17
2-Methylphenol
Concen: 47.955 ng
RT: 7.175 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

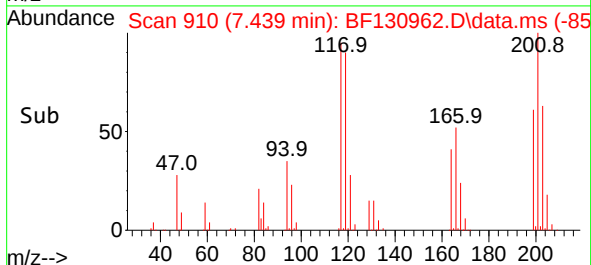
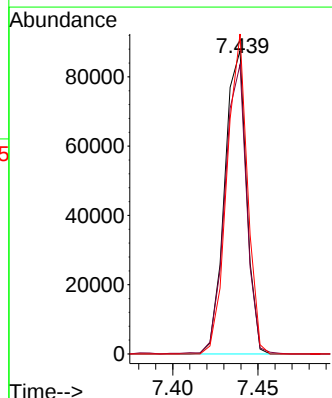
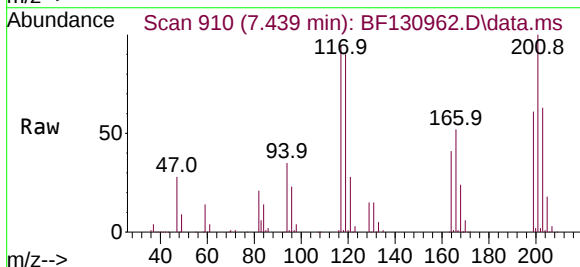
Instrument :
BNA_F
ClientSampleId :
TP-CMS

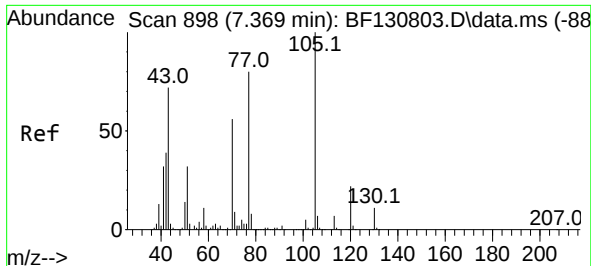
Tgt Ion:	107	Resp:	144392
Ion	Ratio	Lower	Upper
107	100		
108	115.5	90.5	135.7
77	54.0	41.2	61.8
79	55.6	40.8	61.2



#18
Hexachloroethane
Concen: 53.371 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

Tgt Ion:	117	Resp:	78158
Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.1	115.7
201	105.5	72.9	109.3





#19

n-Nitroso-di-n-propylamine

Concen: 45.496 ng

RT: 7.334 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

Instrument :

BNA_F

ClientSampleId :

TP-CMS

Tgt Ion: 70 Resp: 127208

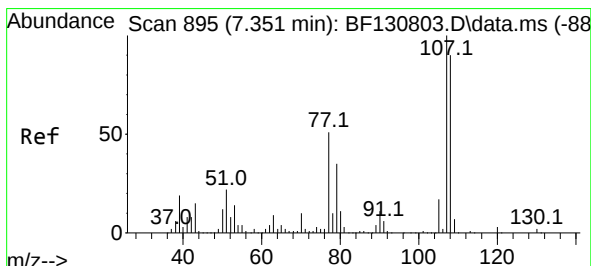
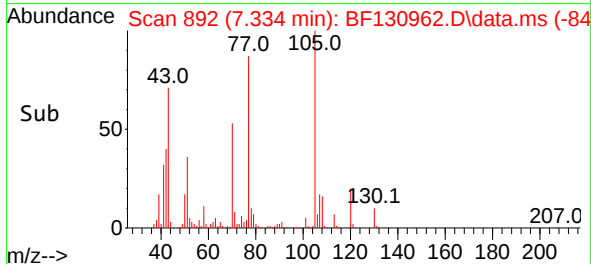
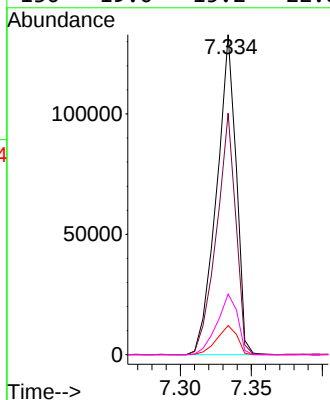
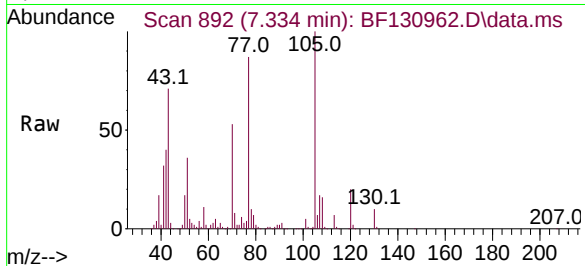
Ion Ratio Lower Upper

70 100

42 75.5 56.1 84.1

101 9.1 7.3 10.9

130 19.0 15.2 22.8



#20

3+4-Methylphenols

Concen: 41.952 ng

RT: 7.322 min Scan# 890

Delta R.T. -0.006 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

Tgt Ion:107 Resp: 164237

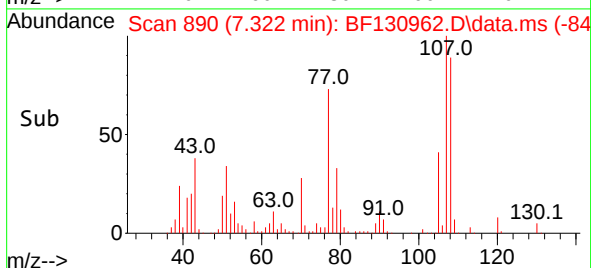
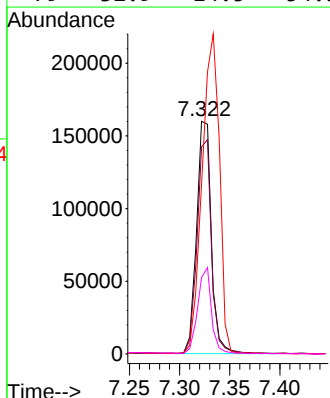
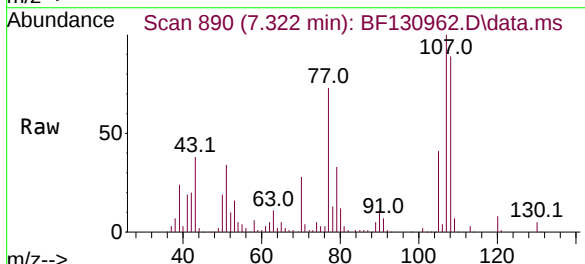
Ion Ratio Lower Upper

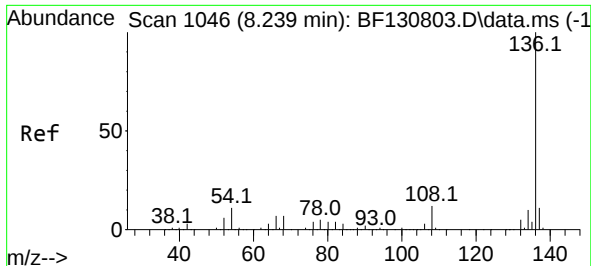
107 100

108 89.0 70.4 110.4

77 73.0 31.1 71.1#

79 32.9 14.5 54.5

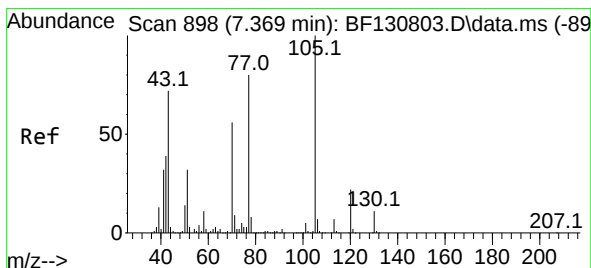
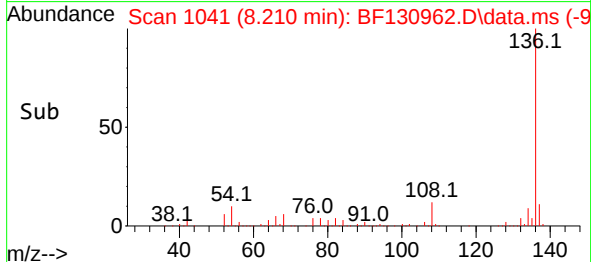
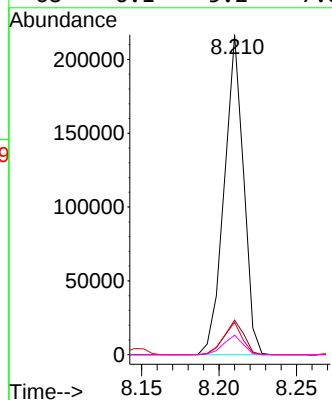
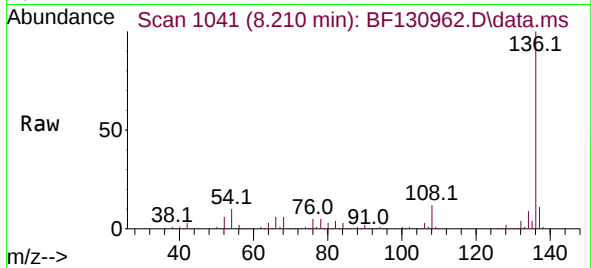




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

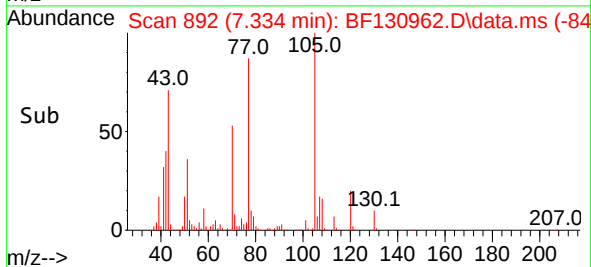
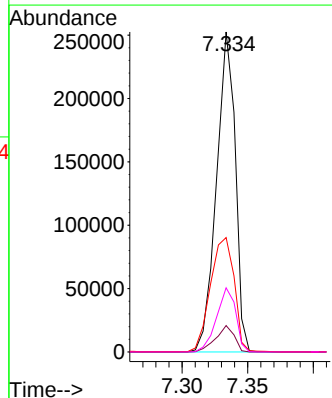
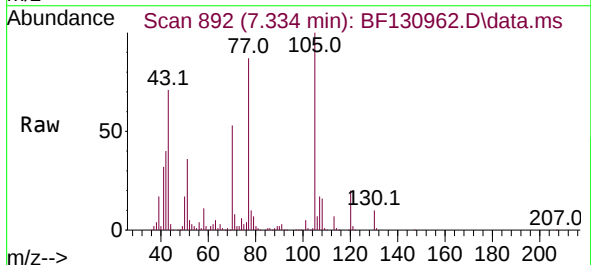
Instrument :
BNA_F
ClientSampleId :
TP-CMS

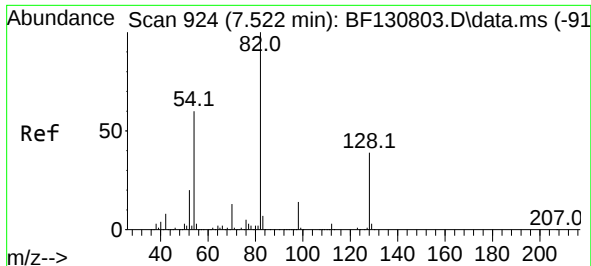
Tgt Ion:136 Resp: 187622
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 10.1 8.8 13.2
68 6.1 5.2 7.8



#22
Acetophenone
Concen: 55.282 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

Tgt Ion:105 Resp: 251477
Ion Ratio Lower Upper
105 100
71 8.3 7.2 10.8
51 35.7 25.9 38.9
120 20.1 17.9 26.9

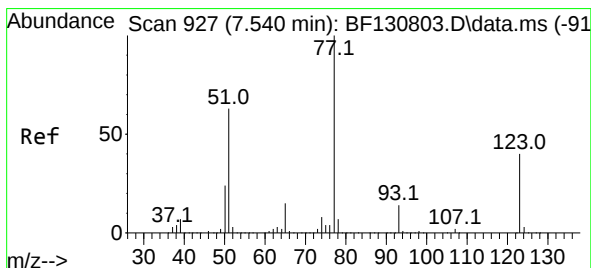
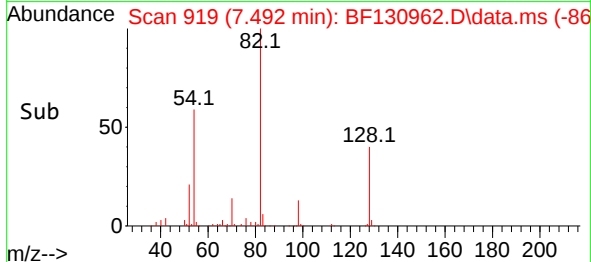
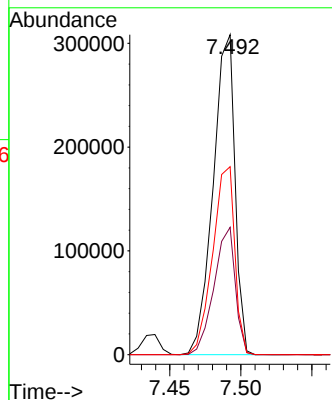
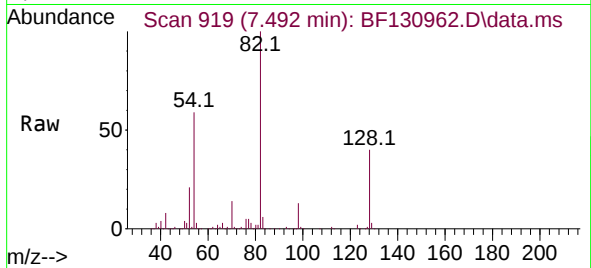




#23
 Nitrobenzene-d5
 Concen: 105.943 ng
 RT: 7.492 min Scan# 919
 Delta R.T. -0.000 min
 Lab File: BF130962.D
 Acq: 03 Nov 2022 14:33

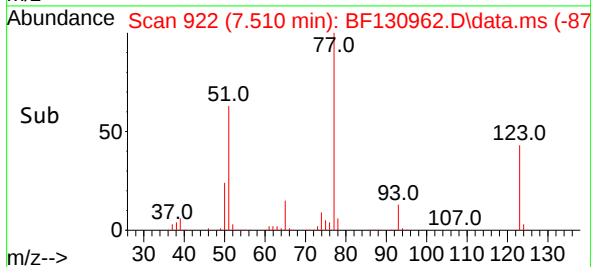
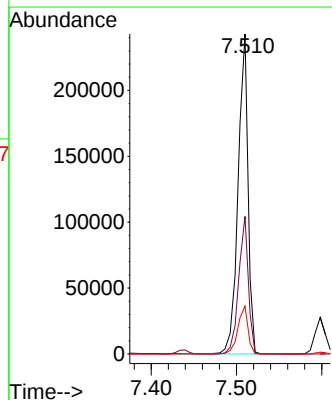
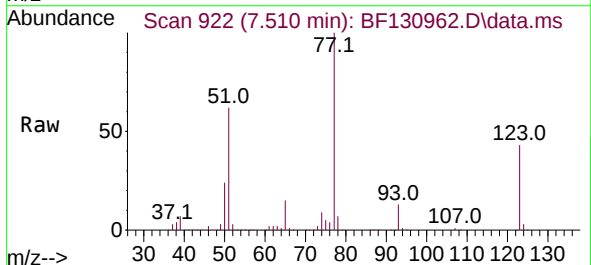
Instrument :
 BNA_F
 ClientSampleId :
 TP-CMS

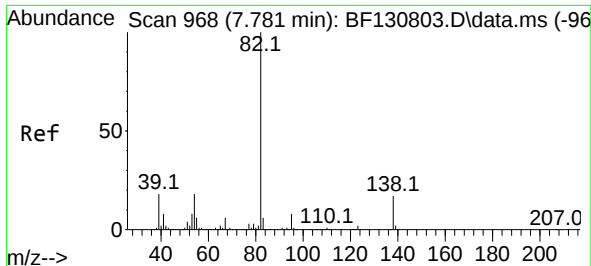
Tgt Ion: 82 Resp: 329644
 Ion Ratio Lower Upper
 82 100
 128 39.8 31.2 46.8
 54 58.8 48.0 72.0



#24
 Nitrobenzene
 Concen: 57.969 ng
 RT: 7.510 min Scan# 922
 Delta R.T. -0.000 min
 Lab File: BF130962.D
 Acq: 03 Nov 2022 14:33

Tgt Ion: 77 Resp: 197233
 Ion Ratio Lower Upper
 77 100
 123 43.0 32.2 48.2
 65 15.0 12.0 18.0

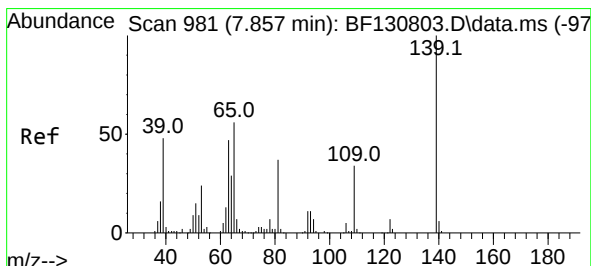
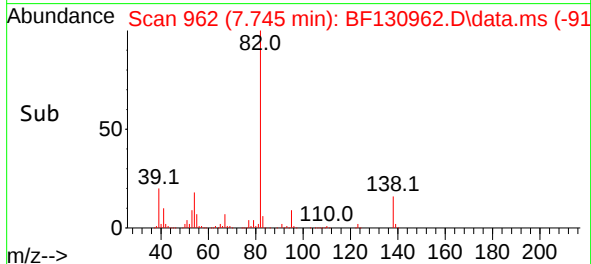
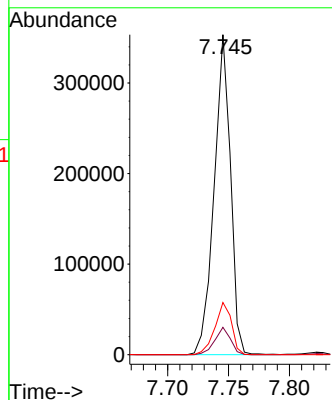
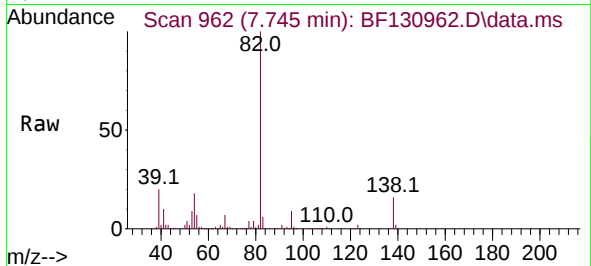




#25
Isophorone
Concen: 51.464 ng
RT: 7.745 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

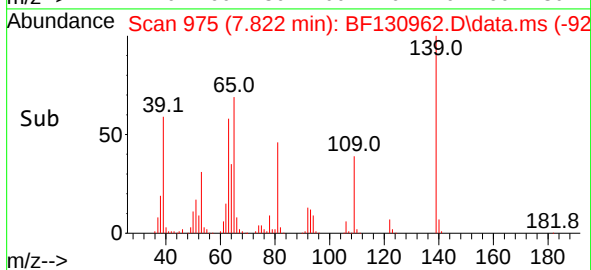
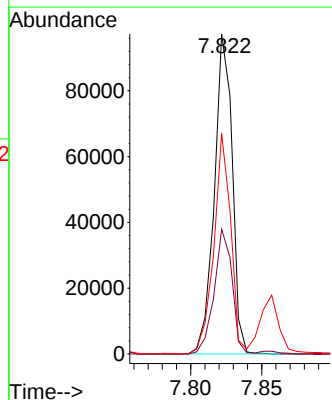
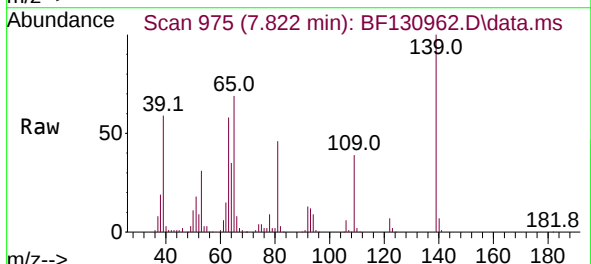
Instrument :
BNA_F
ClientSampleId :
TP-CMS

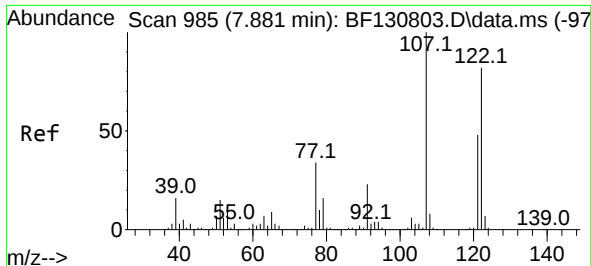
Tgt Ion: 82 Resp: 330213
Ion Ratio Lower Upper
82 100
95 8.5 6.2 9.4
138 16.3 13.8 20.6



#26
2-Nitrophenol
Concen: 62.201 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.006 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

Tgt Ion: 139 Resp: 85211
Ion Ratio Lower Upper
139 100
109 39.0 27.3 40.9
65 68.9 44.6 67.0#





#27

2,4-Dimethylphenol

Concen: 51.609 ng

RT: 7.857 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

Instrument :

BNA_F

ClientSampleId :

TP-CMS

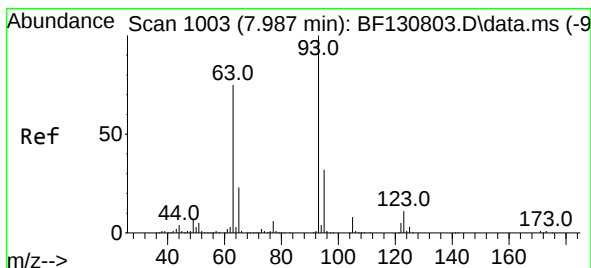
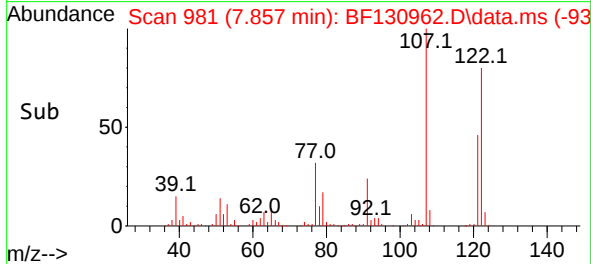
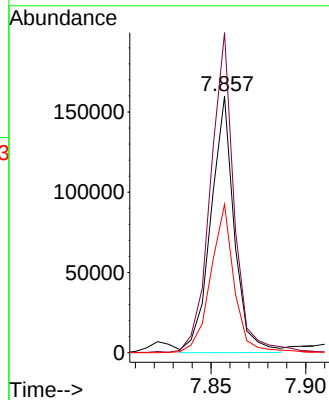
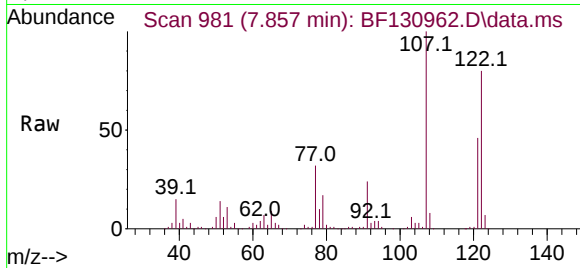
Tgt Ion:122 Resp: 137816

Ion Ratio Lower Upper

122 100

107 124.8 97.1 145.7

121 57.8 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 55.919 ng

RT: 7.957 min Scan# 998

Delta R.T. -0.000 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

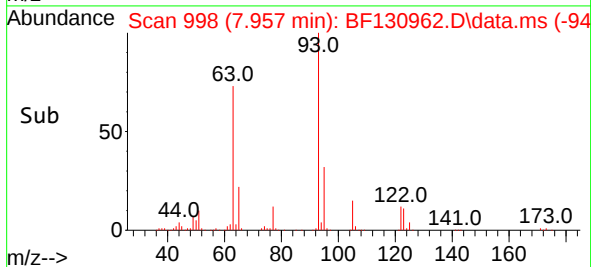
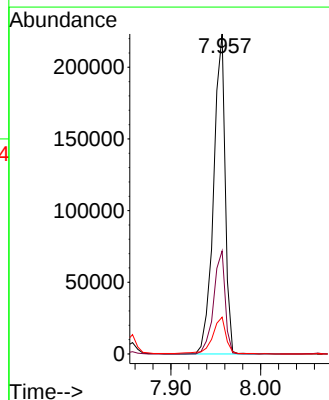
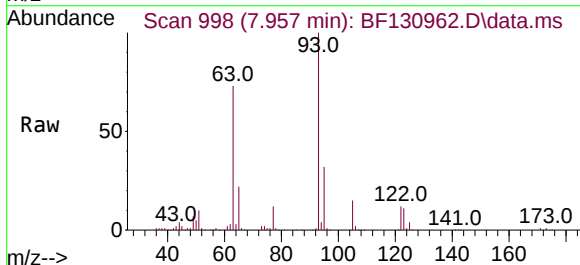
Tgt Ion: 93 Resp: 200385

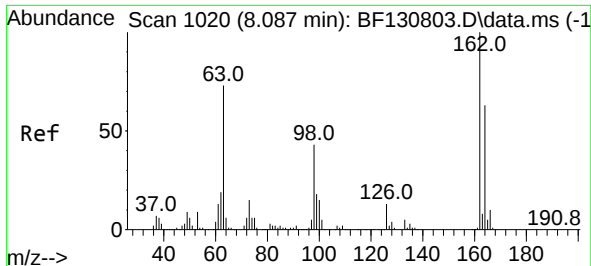
Ion Ratio Lower Upper

93 100

95 32.2 25.7 38.5

123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 46.620 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

Instrument :

BNA_F

ClientSampleId :

TP-CMS

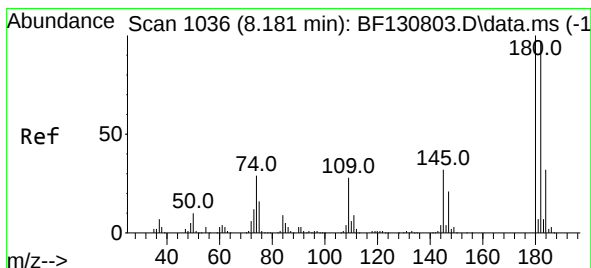
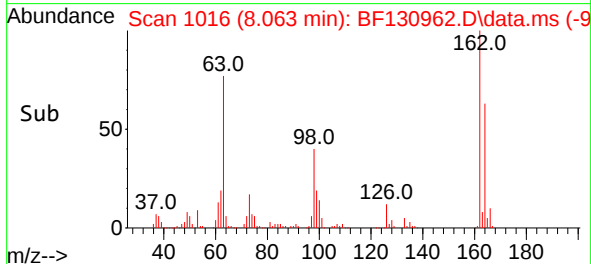
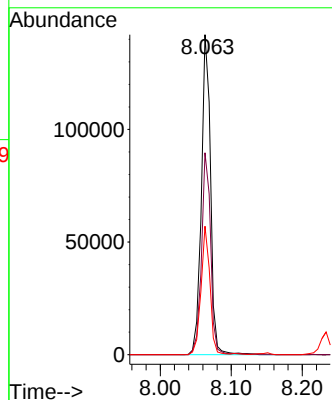
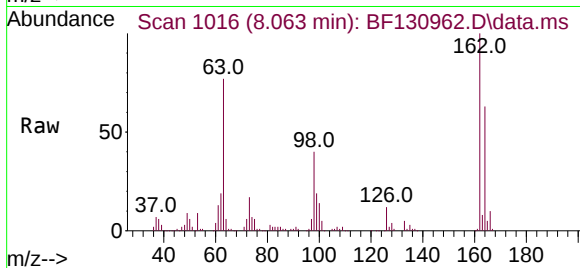
Tgt Ion:162 Resp: 128066

Ion Ratio Lower Upper

162 100

164 63.1 43.2 83.2

98 40.2 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 50.458 ng

RT: 8.151 min Scan# 1031

Delta R.T. -0.000 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

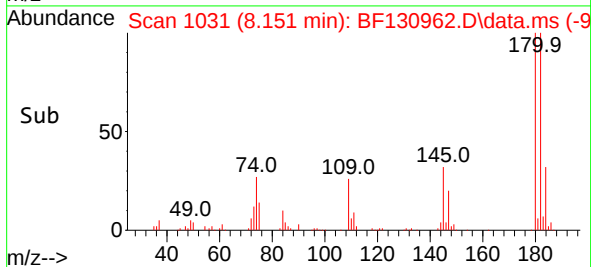
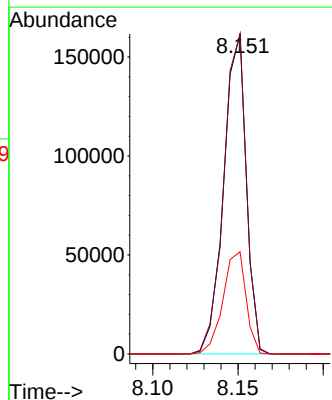
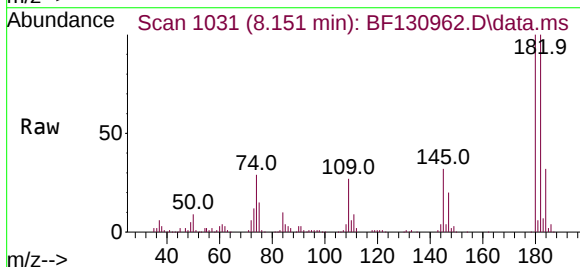
Tgt Ion:180 Resp: 149050

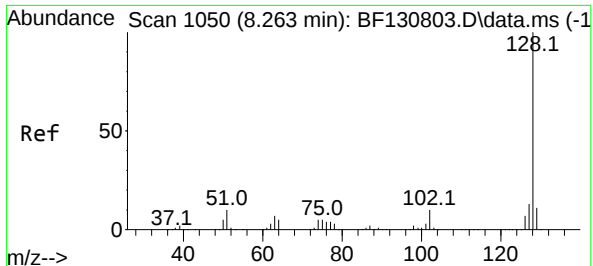
Ion Ratio Lower Upper

180 100

182 99.9 77.7 116.5

145 31.9 25.9 38.9

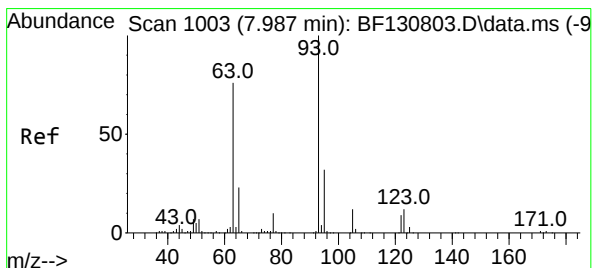
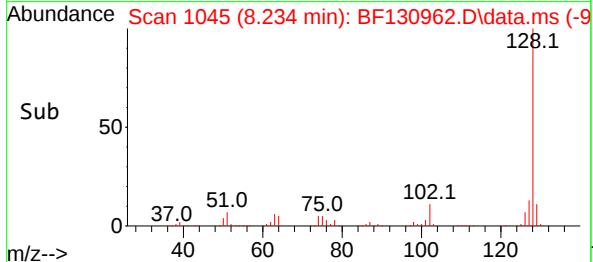
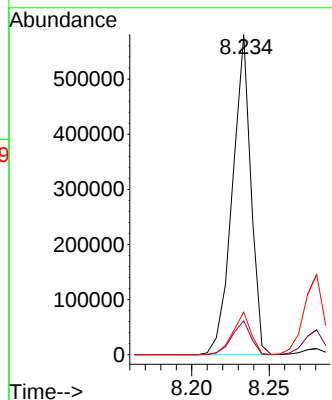
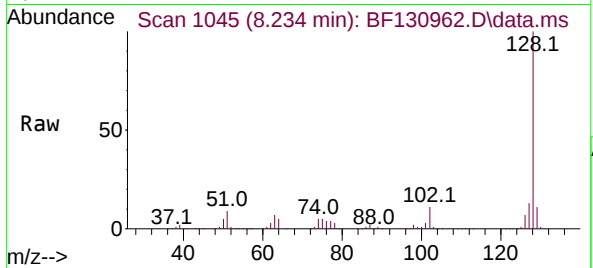




#31
Naphthalene
Concen: 49.069 ng
RT: 8.234 min Scan# 1050
Delta R.T. -0.000 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

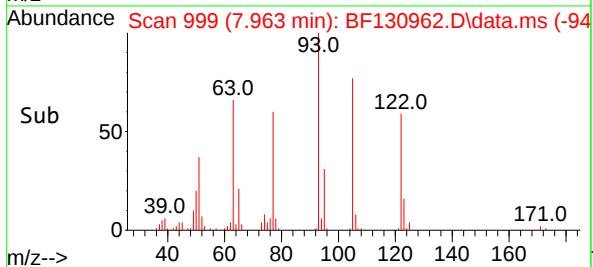
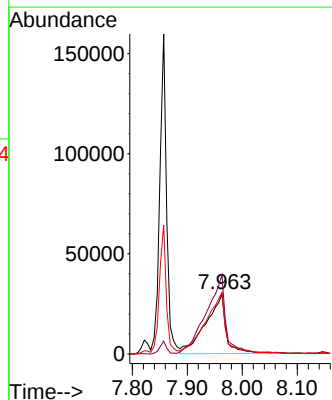
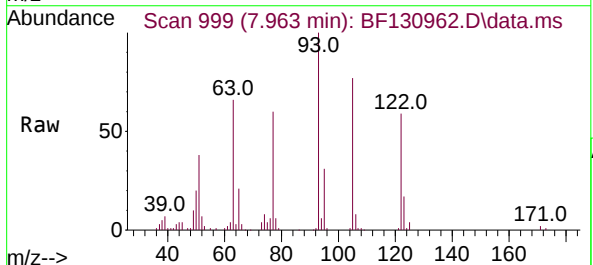
Instrument :
BNA_F
ClientSampleId :
TP-CMS

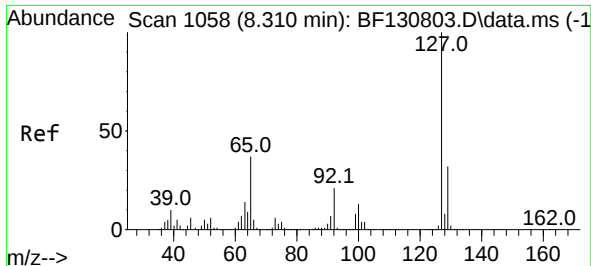
Tgt Ion:128 Resp: 480334
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 41.165 ng
RT: 7.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

Tgt Ion:122 Resp: 75653
Ion Ratio Lower Upper
122 100
105 131.8 114.5 154.5
77 102.5 89.8 129.8

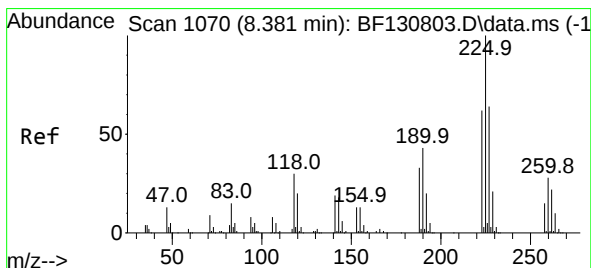
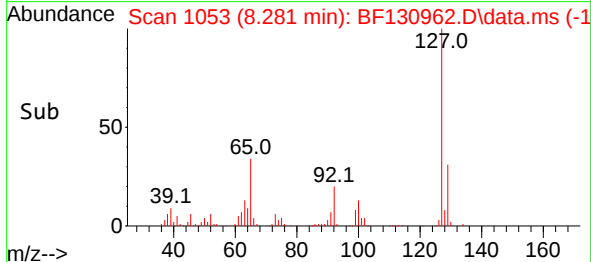
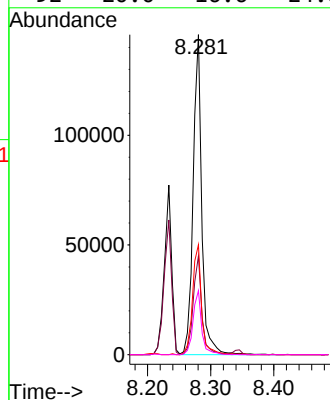
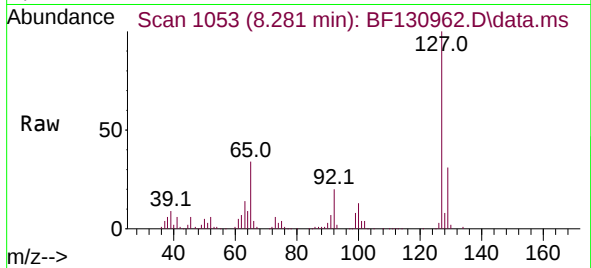




#33
4-Chloroaniline
Concen: 35.830 ng
RT: 8.281 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

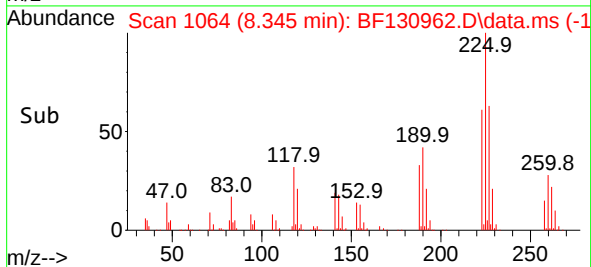
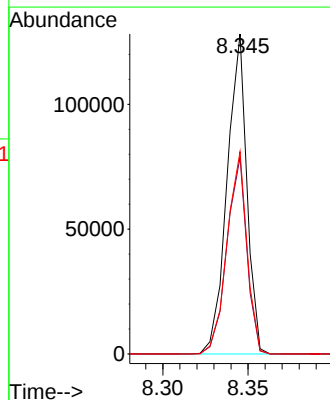
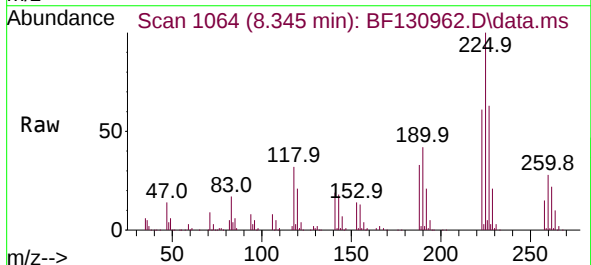
Instrument :
BNA_F
ClientSampleId :
TP-CMS

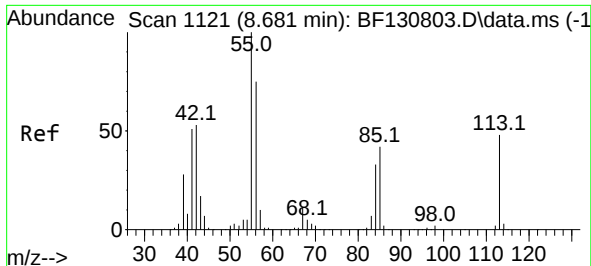
Tgt Ion:	127	Resp:	138594
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.6	38.4
65	34.4	29.4	44.2
92	20.0	16.6	24.8



#34
Hexachlorobutadiene
Concen: 52.679 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.000 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

Tgt Ion:	225	Resp:	103297
Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.9	74.9
227	63.2	51.5	77.3

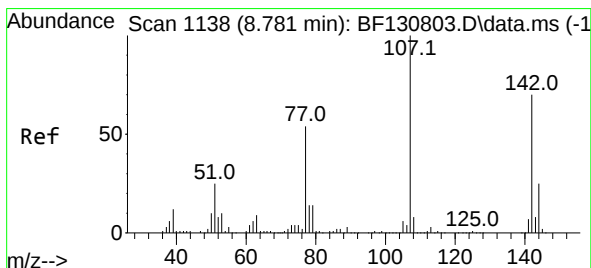
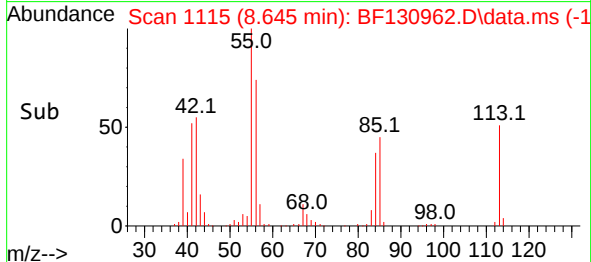
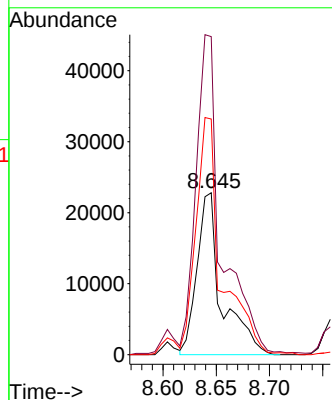
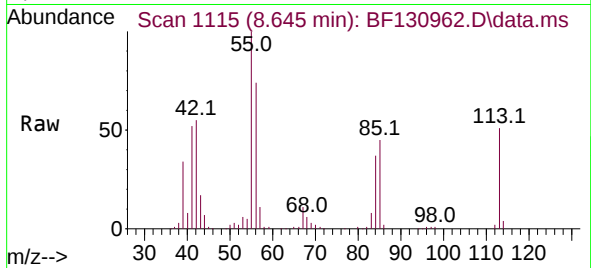




#35
 Caprolactam
 Concen: 41.733 ng
 RT: 8.645 min Scan# 1115
 Delta R.T. -0.018 min
 Lab File: BF130962.D
 Acq: 03 Nov 2022 14:33

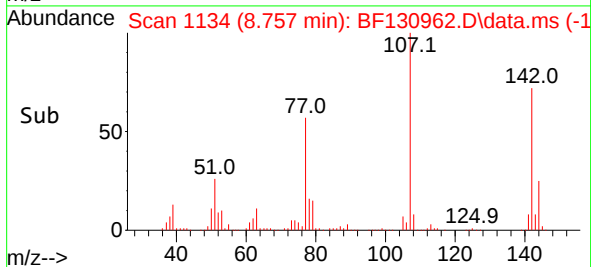
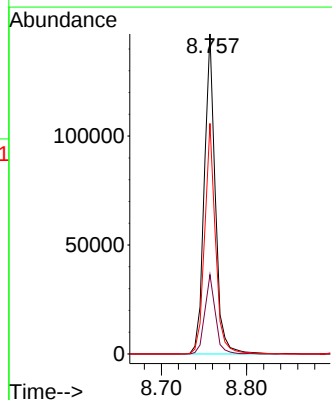
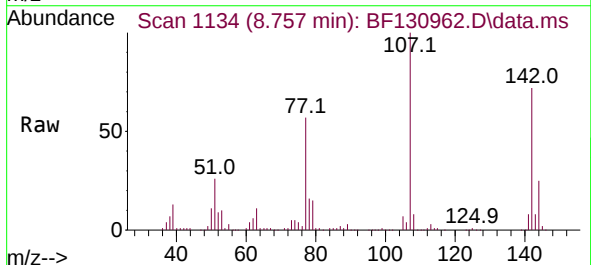
Instrument :
 BNA_F
 ClientSampleId :
 TP-CMS

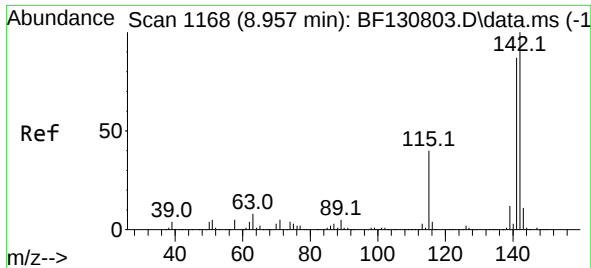
Tgt Ion:113 Resp: 36738
 Ion Ratio Lower Upper
 113 100
 55 196.3 187.0 227.0
 56 145.5 134.2 174.2



#36
 4-Chloro-3-methylphenol
 Concen: 44.179 ng
 RT: 8.757 min Scan# 1134
 Delta R.T. -0.000 min
 Lab File: BF130962.D
 Acq: 03 Nov 2022 14:33

Tgt Ion:107 Resp: 131641
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.8 29.8
 142 72.0 56.0 84.0

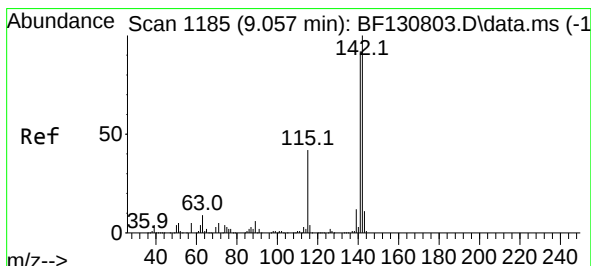
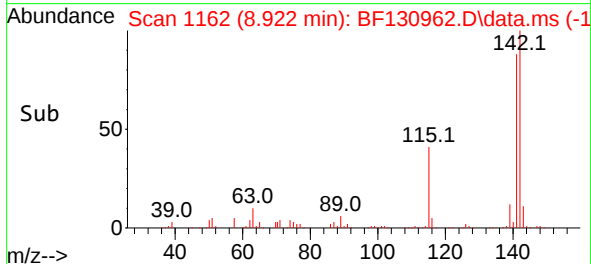
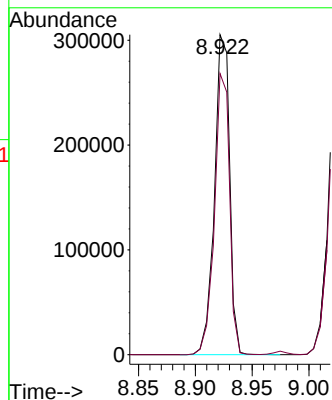
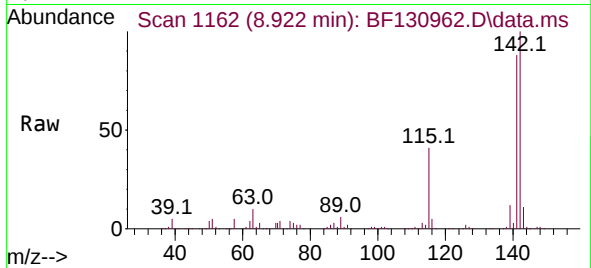




#37
2-Methylnaphthalene
Concen: 45.944 ng
RT: 8.922 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

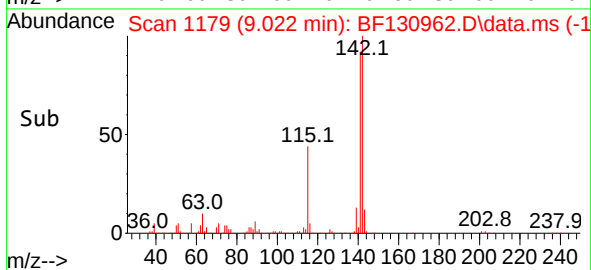
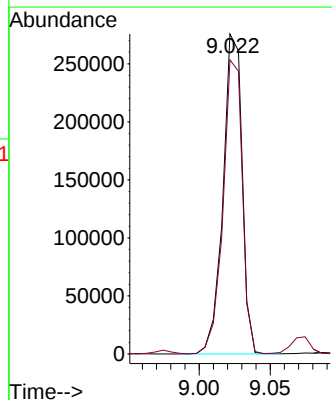
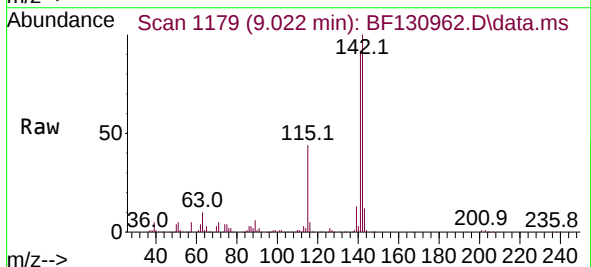
Instrument :
BNA_F
ClientSampleId :
TP-CMS

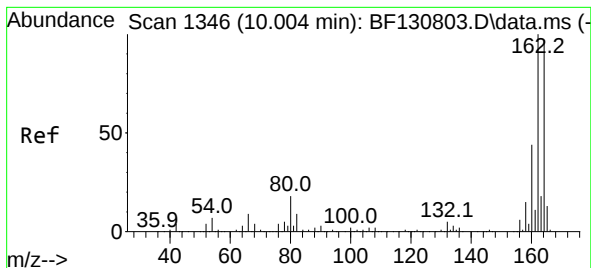
Tgt Ion:142 Resp: 282891
Ion Ratio Lower Upper
142 100
141 87.9 69.9 104.9



#38
1-Methylnaphthalene
Concen: 42.956 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

Tgt Ion:142 Resp: 257402
Ion Ratio Lower Upper
142 100
141 91.9 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

Instrument :

BNA_F

ClientSampleId :

TP-CMS

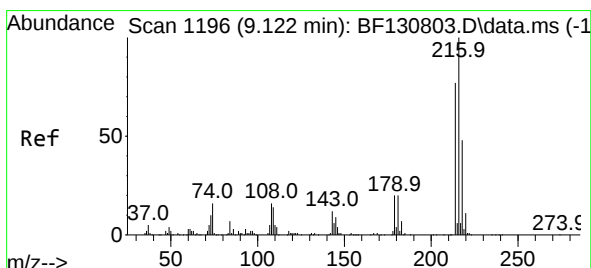
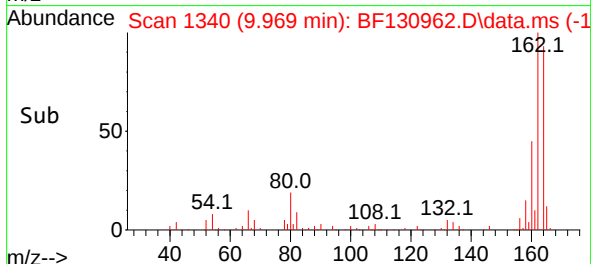
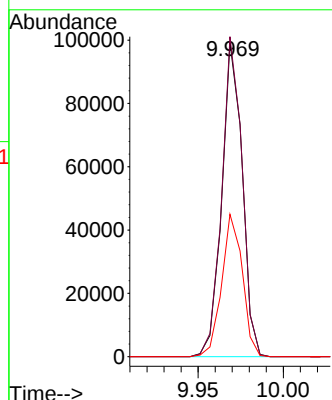
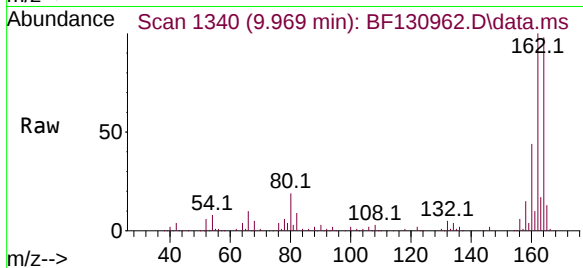
Tgt Ion:164 Resp: 82526

Ion Ratio Lower Upper

164 100

162 101.8 82.2 123.2

160 45.3 36.6 54.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 61.251 ng

RT: 9.086 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

Tgt Ion:216 Resp: 143345

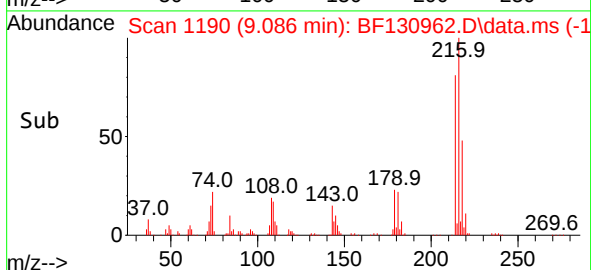
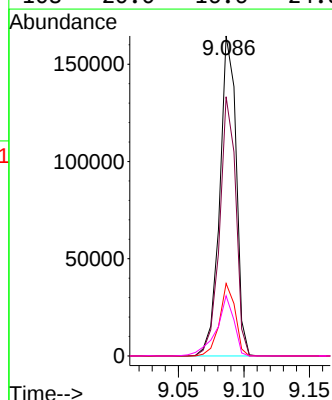
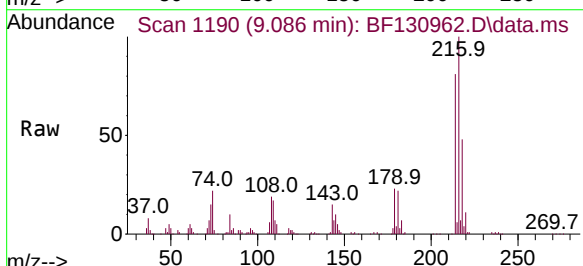
Ion Ratio Lower Upper

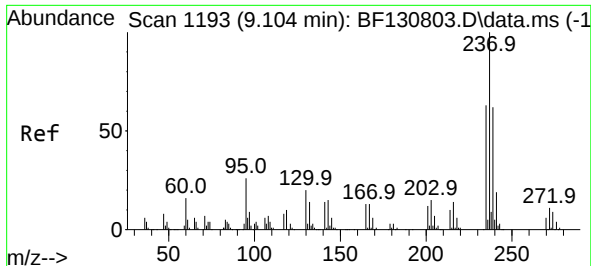
216 100

214 79.2 62.7 94.1

179 21.5 16.9 25.3

108 20.0 16.6 24.8

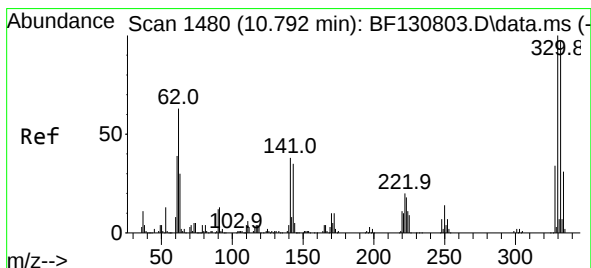
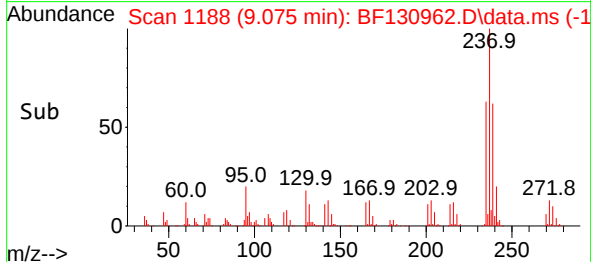
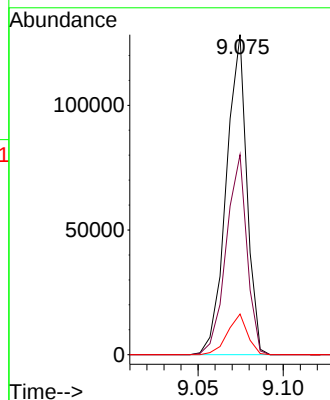
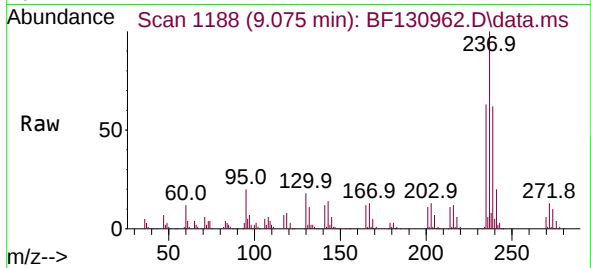




#41
Hexachlorocyclopentadiene
Concen: 87.624 ng
RT: 9.075 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

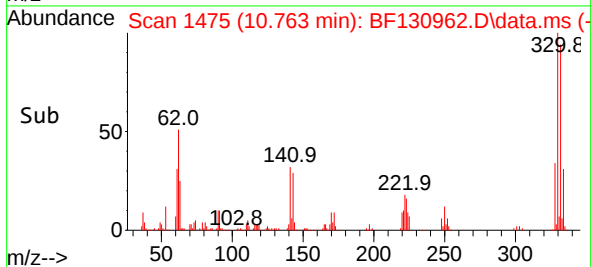
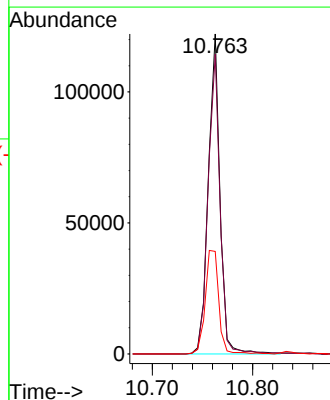
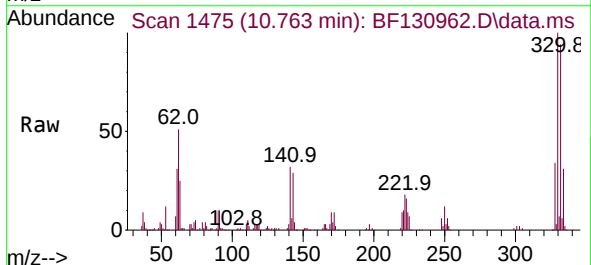
Instrument :
BNA_F
ClientSampleId :
TP-CMS

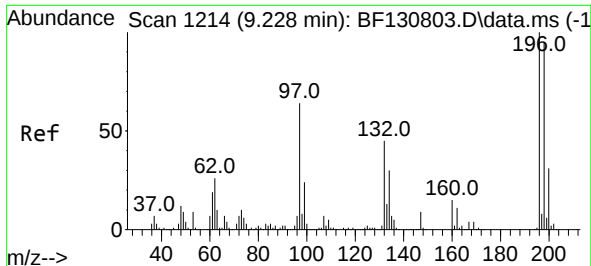
Tgt Ion:237 Resp: 107746
Ion Ratio Lower Upper
237 100
235 62.5 43.5 83.5
272 12.7 0.0 31.4



#42
2,4,6-Tribromophenol
Concen: 142.578 ng
RT: 10.763 min Scan# 1475
Delta R.T. -0.006 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

Tgt Ion:330 Resp: 99049
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.4
141 37.6 31.4 47.0

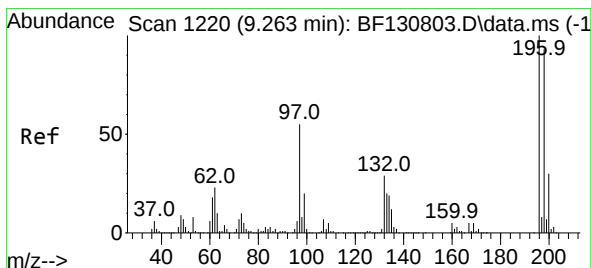
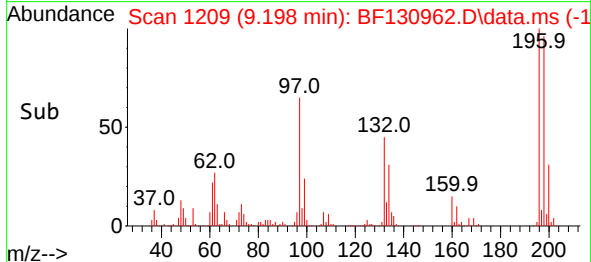
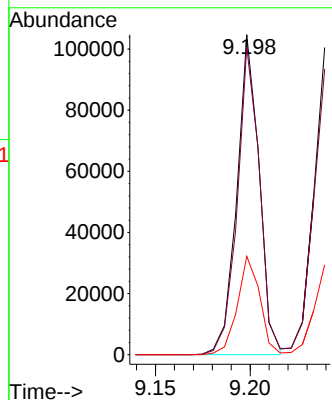
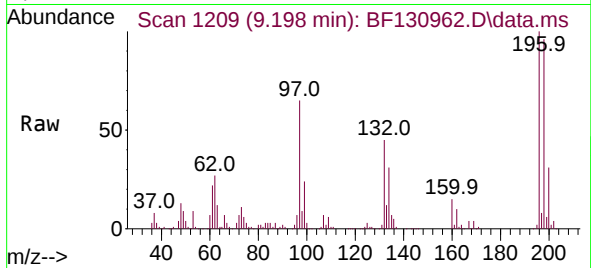




#43
2,4,6-Trichlorophenol
Concen: 52.509 ng
RT: 9.198 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

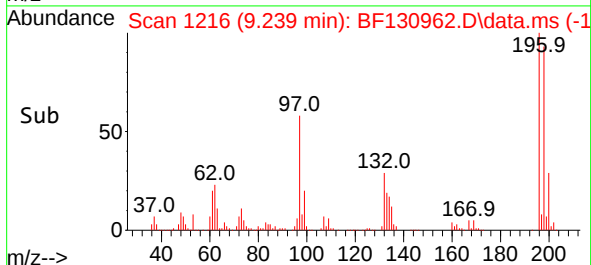
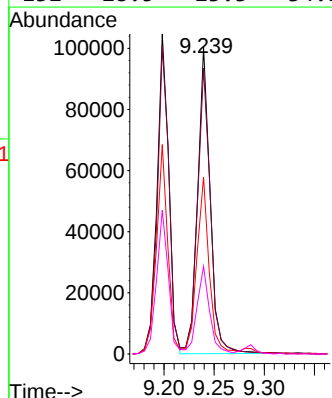
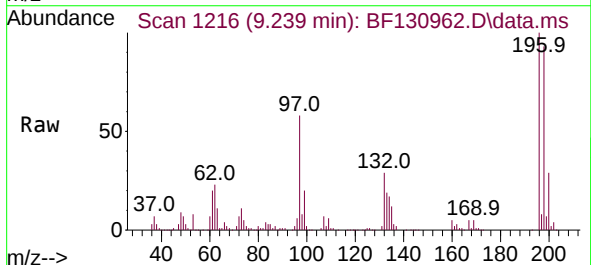
Instrument :
BNA_F
ClientSampleId :
TP-CMS

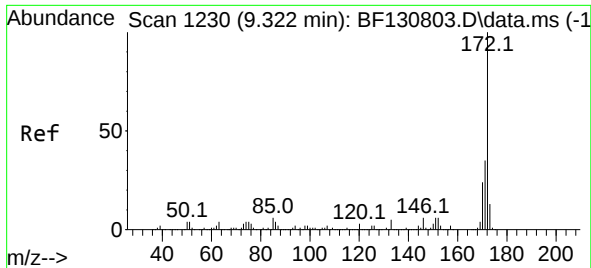
Tgt Ion:196 Resp: 85389
Ion Ratio Lower Upper
196 100
198 96.1 76.1 114.1
200 30.7 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 50.645 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

Tgt Ion:196 Resp: 87991
Ion Ratio Lower Upper
196 100
198 93.0 74.6 112.0
97 57.6 44.7 67.1
132 28.5 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 89.556 ng

RT: 9.286 min Scan# 1224

Delta R.T. -0.006 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

Instrument :

BNA_F

ClientSampleId :

TP-CMS

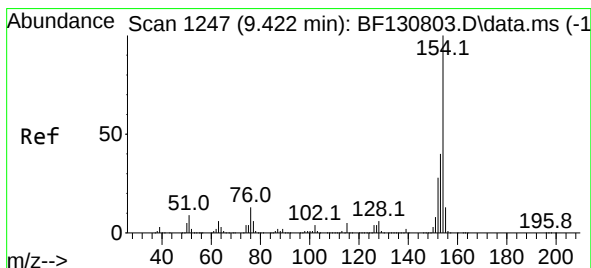
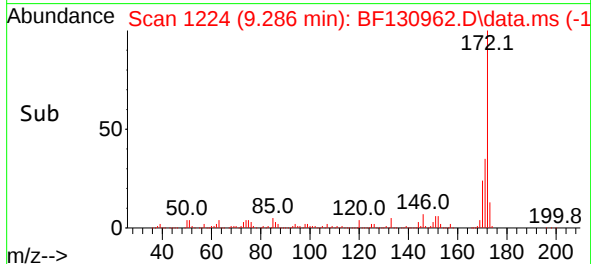
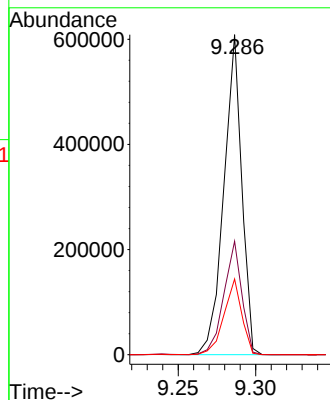
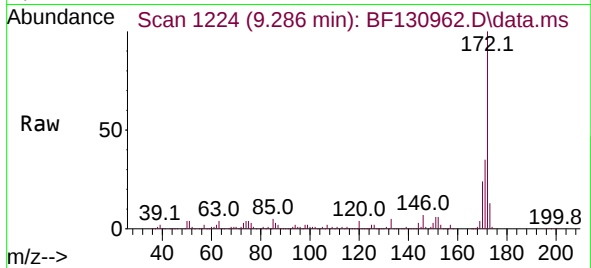
Tgt Ion:172 Resp: 488842

Ion Ratio Lower Upper

172 100

171 35.5 28.1 42.1

170 23.6 19.0 28.4



#46

1,1'-Biphenyl

Concen: 56.696 ng

RT: 9.386 min Scan# 1241

Delta R.T. -0.006 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

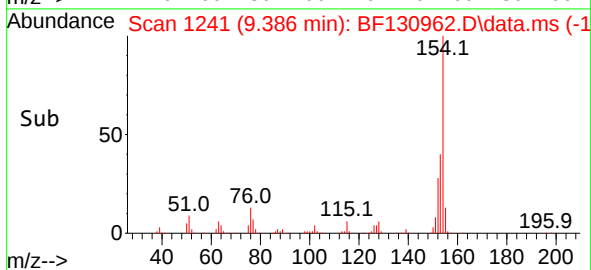
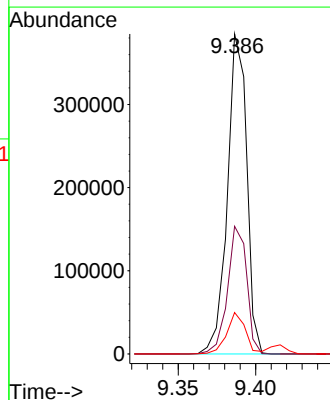
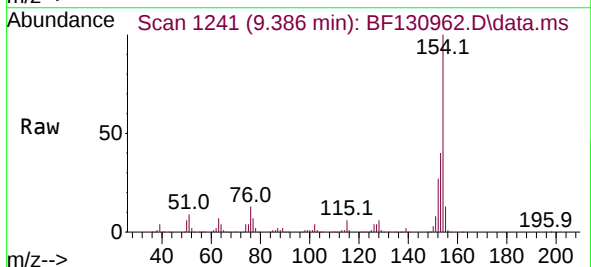
Tgt Ion:154 Resp: 333348

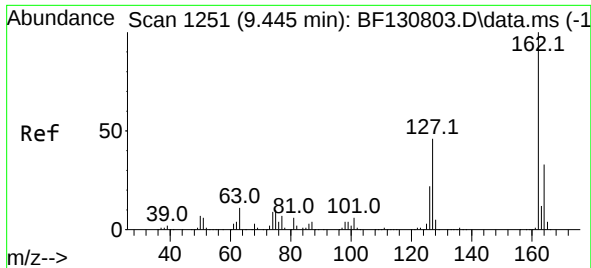
Ion Ratio Lower Upper

154 100

153 39.9 19.9 59.9

76 13.0 0.0 32.5





#47

2-Chloronaphthalene

Concen: 54.284 ng

RT: 9.416 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

Instrument :

BNA_F

ClientSampleId :

TP-CMS

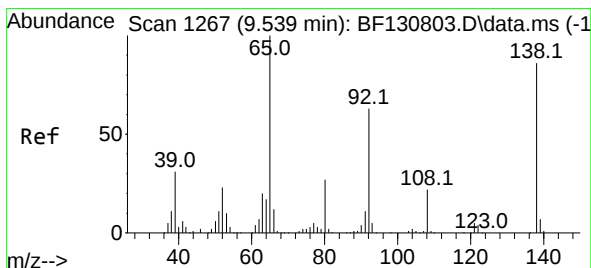
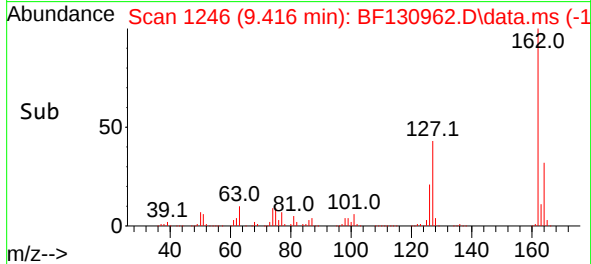
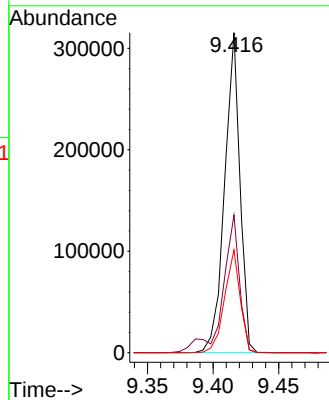
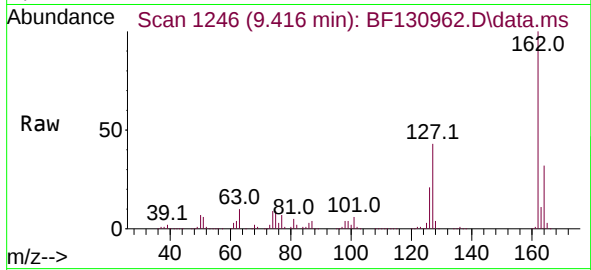
Tgt Ion:162 Resp: 255926

Ion Ratio Lower Upper

162 100

127 43.0 36.6 54.8

164 32.1 26.5 39.7



#48

2-Nitroaniline

Concen: 57.698 ng

RT: 9.510 min Scan# 1262

Delta R.T. -0.006 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

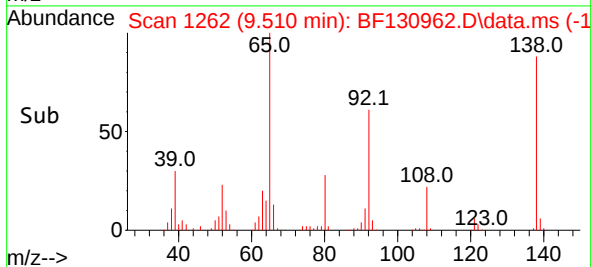
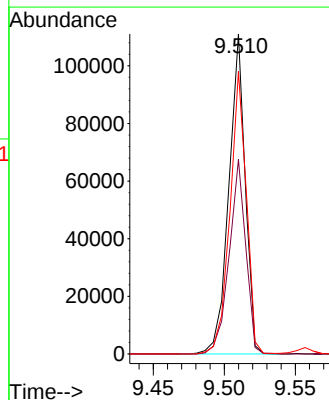
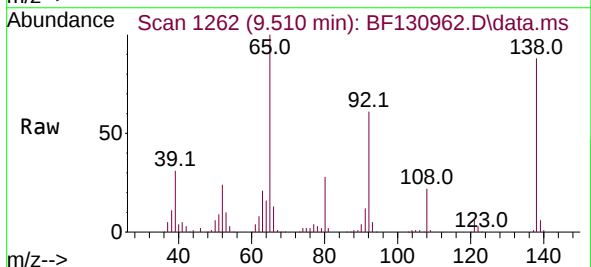
Tgt Ion: 65 Resp: 88861

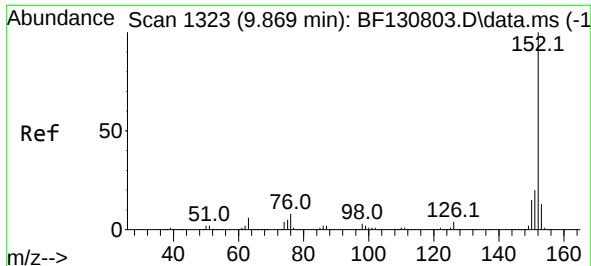
Ion Ratio Lower Upper

65 100

92 60.8 50.1 75.1

138 88.3 69.2 103.8





#49

Acenaphthylene

Concen: 49.507 ng

RT: 9.833 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

Instrument :

BNA_F

ClientSampleId :

TP-CMS

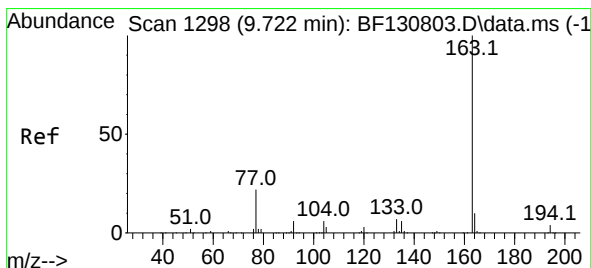
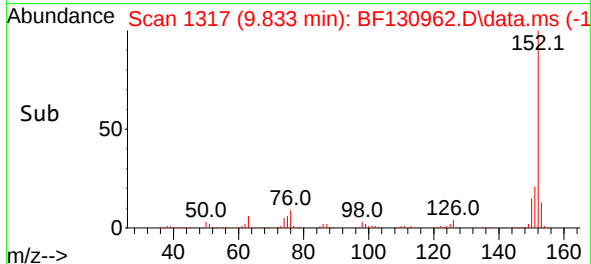
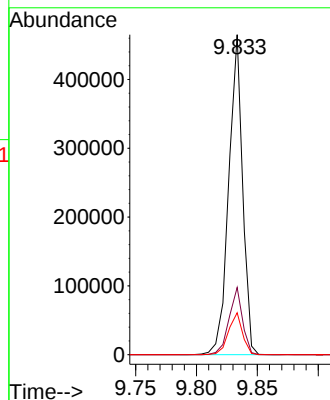
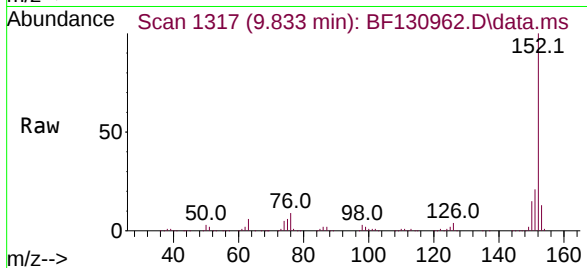
Tgt Ion:152 Resp: 368839

Ion Ratio Lower Upper

152 100

151 21.0 15.8 23.8

153 13.1 10.2 15.4



#50

Dimethylphthalate

Concen: 50.850 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

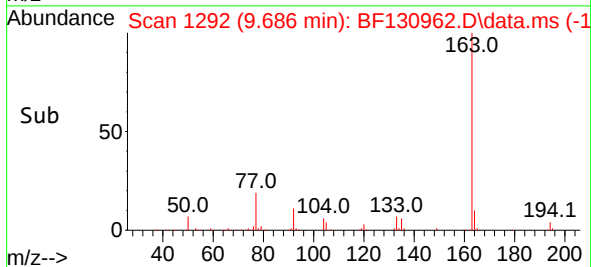
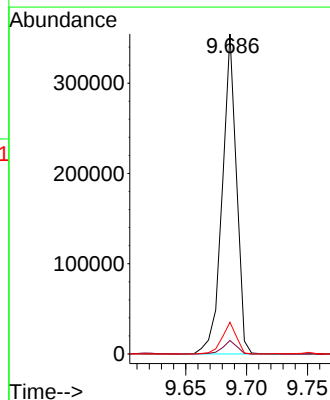
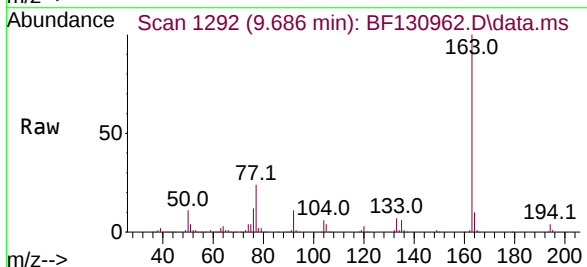
Tgt Ion:163 Resp: 288237

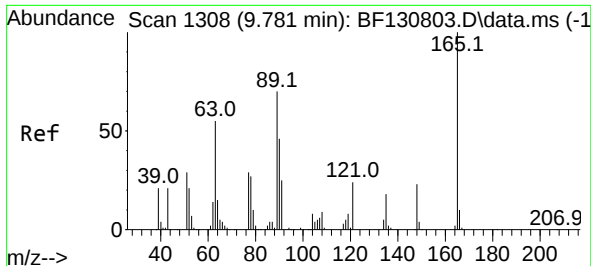
Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 9.9 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 56.067 ng

RT: 9.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

Instrument :

BNA_F

ClientSampleId :

TP-CMS

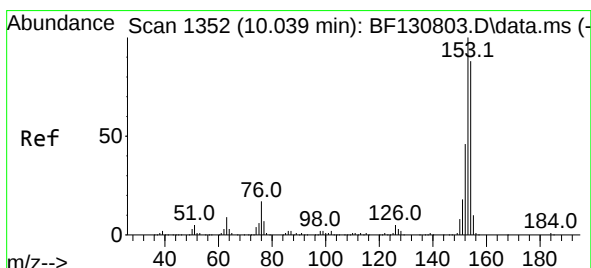
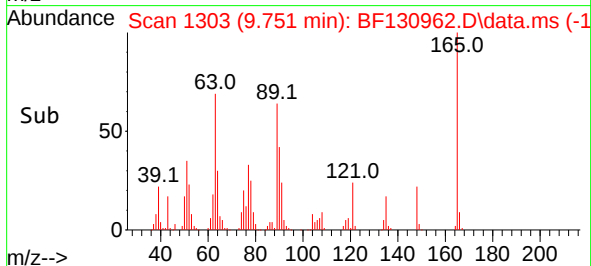
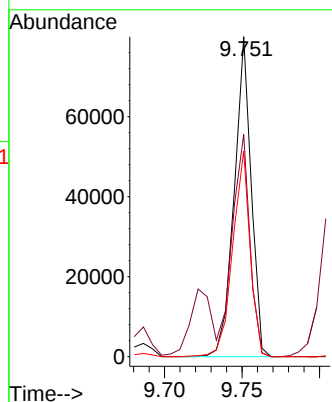
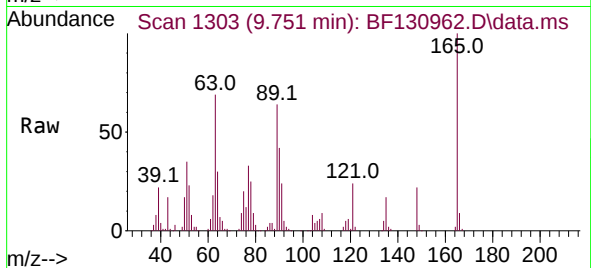
Tgt Ion:165 Resp: 60950

Ion Ratio Lower Upper

165 100

63 69.4 61.8 92.8

89 64.3 56.2 84.4



#52

Acenaphthene

Concen: 53.193 ng

RT: 10.004 min Scan# 1346

Delta R.T. -0.006 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

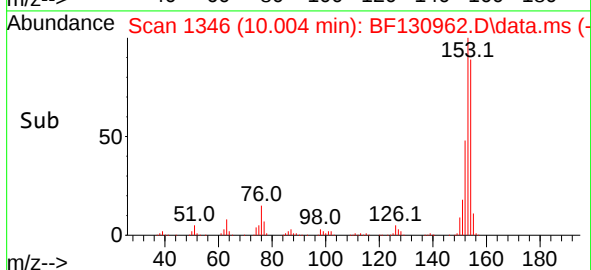
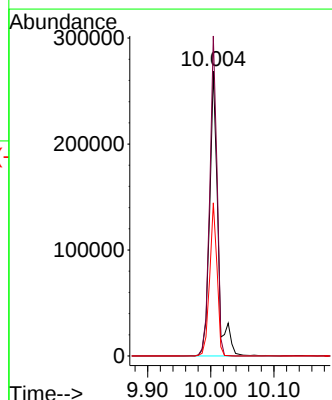
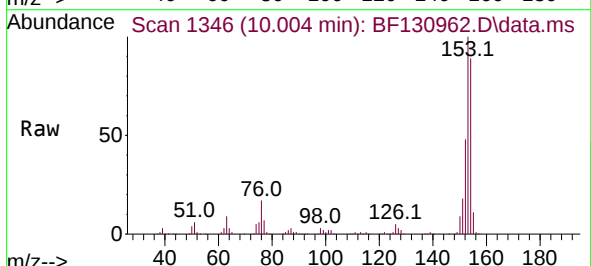
Tgt Ion:154 Resp: 245056

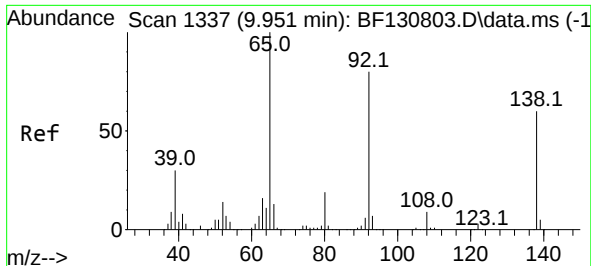
Ion Ratio Lower Upper

154 100

153 112.4 90.5 135.7

152 53.8 42.0 63.0

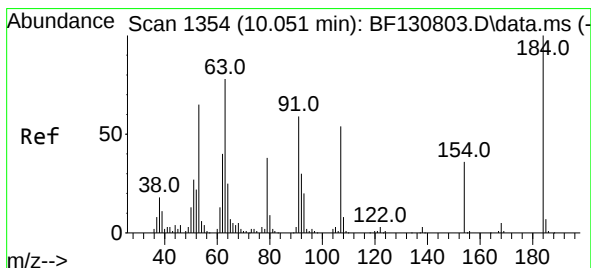
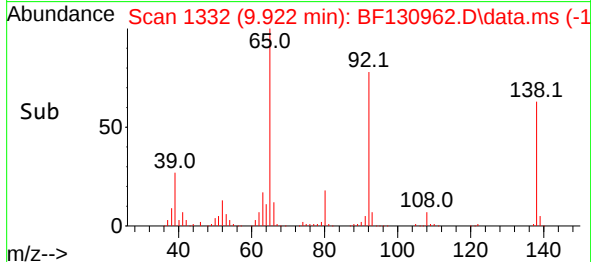
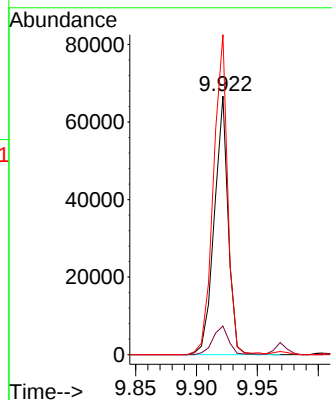
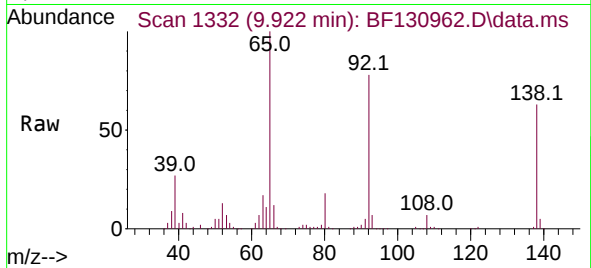




#53
3-Nitroaniline
Concen: 47.838 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

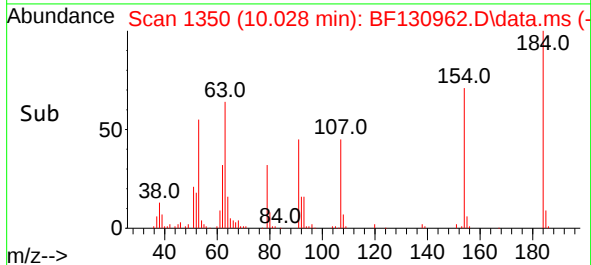
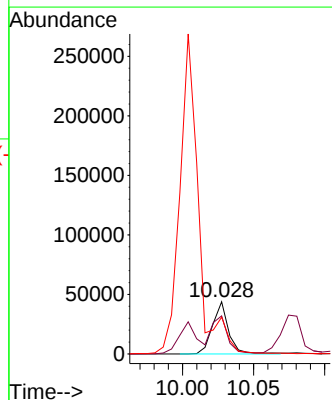
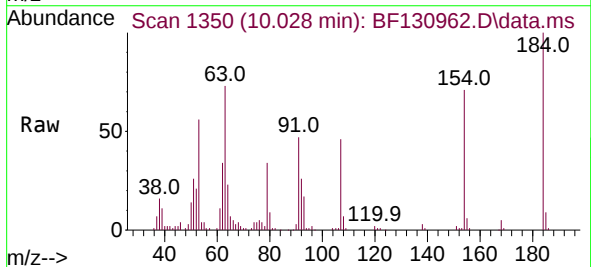
Instrument :
BNA_F
ClientSampleId :
TP-CMS

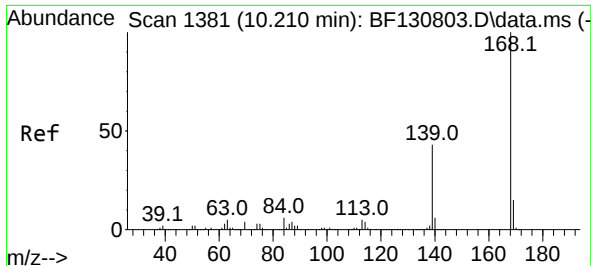
Tgt Ion:138 Resp: 52816
Ion Ratio Lower Upper
138 100
108 11.1 12.7 19.1#
92 123.8 107.8 161.8



#54
2,4-Dinitrophenol
Concen: 70.976 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

Tgt Ion:184 Resp: 34645
Ion Ratio Lower Upper
184 100
63 72.9 66.7 100.1
154 70.6 62.2 93.2

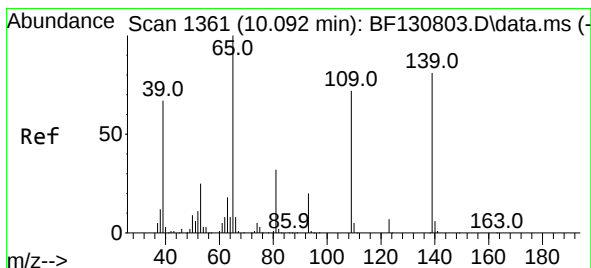
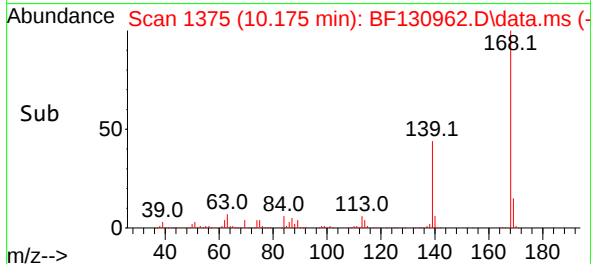
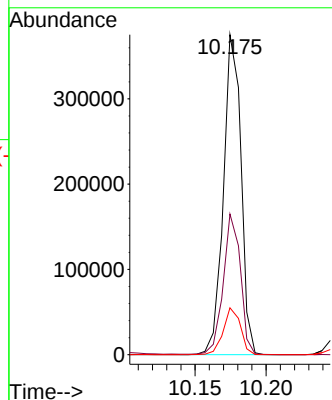
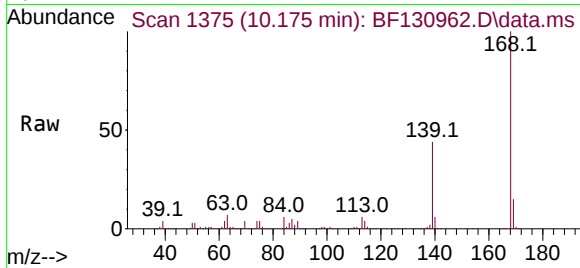




#55
Dibenzenofuran
Concen: 48.161 ng
RT: 10.175 min Scan# 1375
Delta R.T. -0.006 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

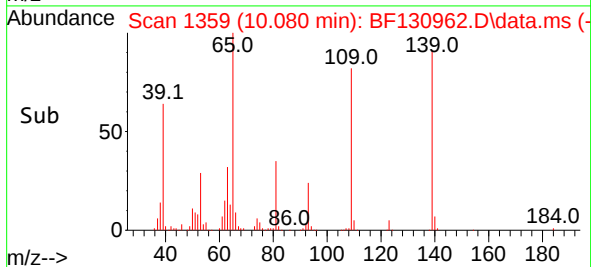
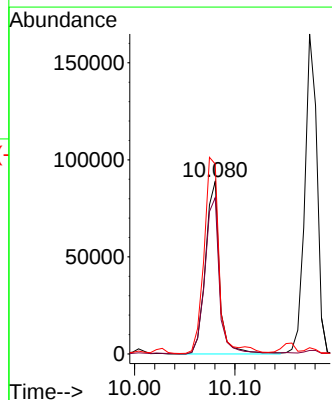
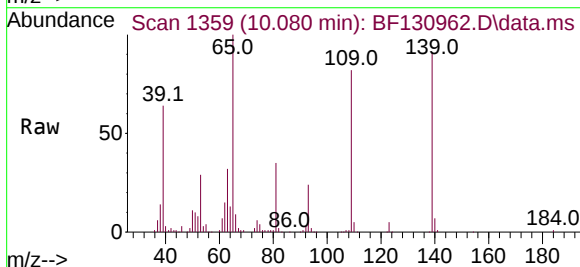
Instrument :
BNA_F
ClientSampleId :
TP-CMS

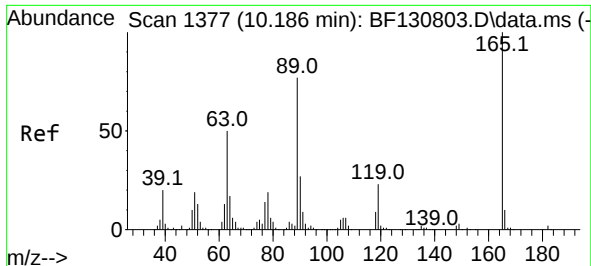
Tgt Ion:168 Resp: 321597
Ion Ratio Lower Upper
168 100
139 43.9 34.3 51.5
169 14.7 11.9 17.9



#56
4-Nitrophenol
Concen: 100.153 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

Tgt Ion:139 Resp: 87554
Ion Ratio Lower Upper
139 100
109 90.6 69.3 109.3
65 110.1 105.3 145.3

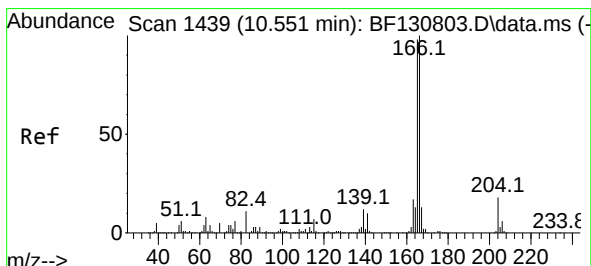
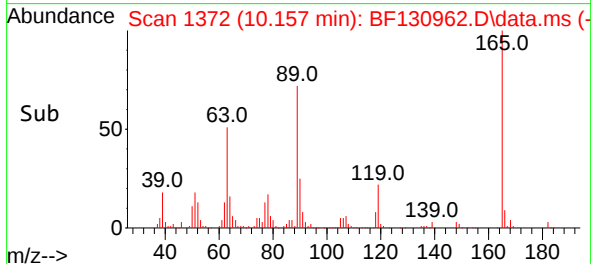
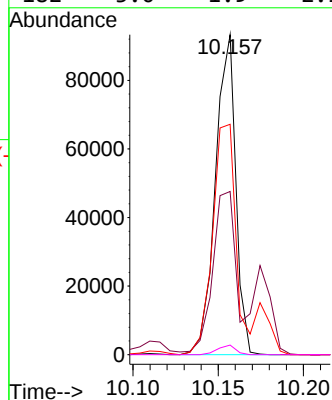
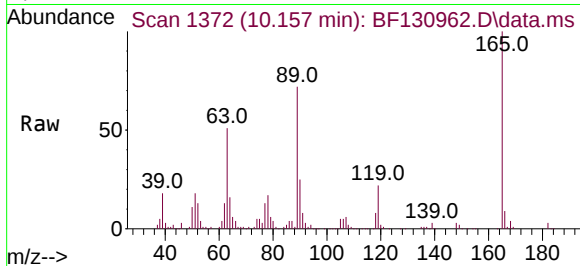




#57
2,4-Dinitrotoluene
Concen: 56.442 ng
RT: 10.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

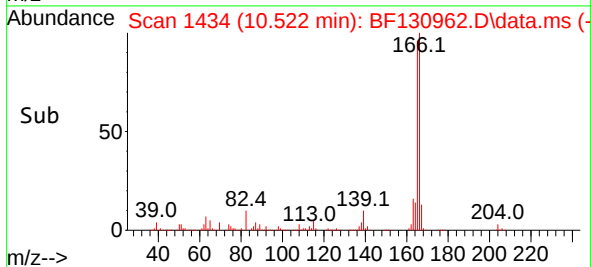
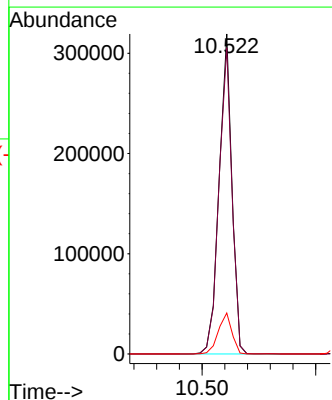
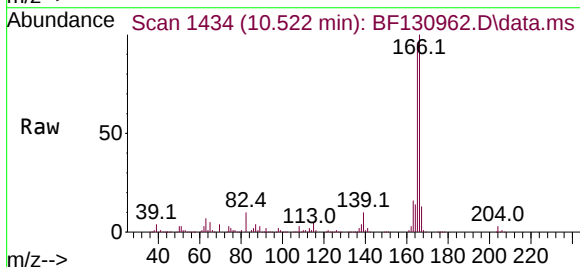
Instrument :
BNA_F
ClientSampleId :
TP-CMS

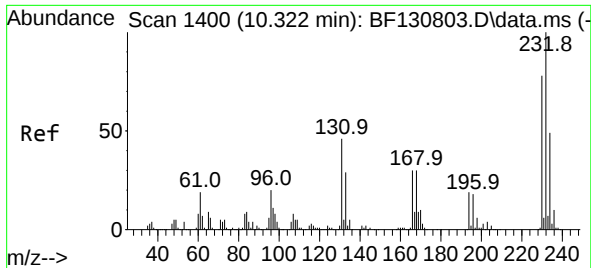
Tgt Ion:165 Resp: 77369
Ion Ratio Lower Upper
165 100
63 51.0 39.8 59.6
89 72.0 61.9 92.9
182 3.0 1.9 2.9#



#58
Fluorene
Concen: 47.504 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

Tgt Ion:166 Resp: 249779
Ion Ratio Lower Upper
166 100
165 95.7 78.1 117.1
167 12.8 10.4 15.6

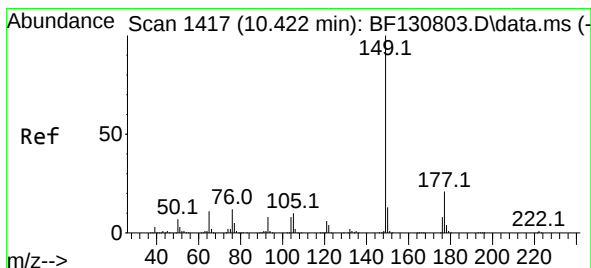
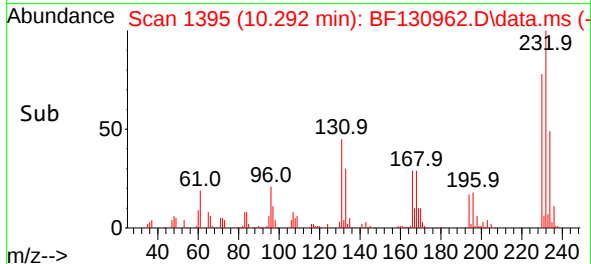
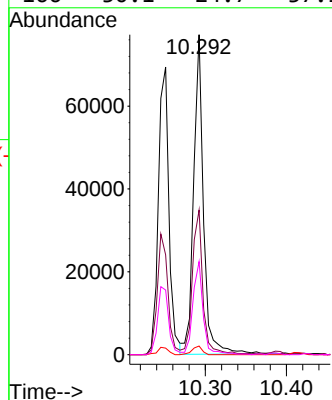
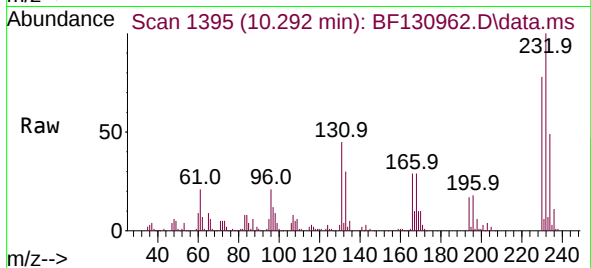




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.822 ng
RT: 10.292 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

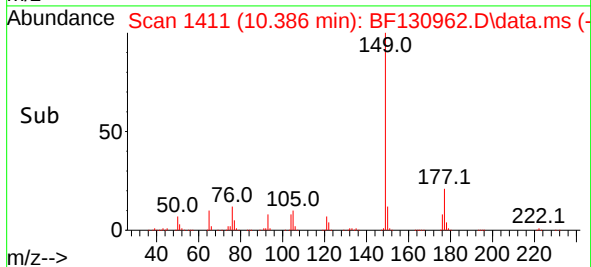
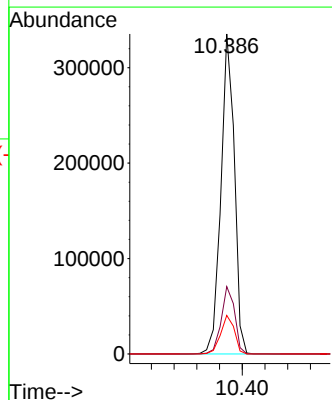
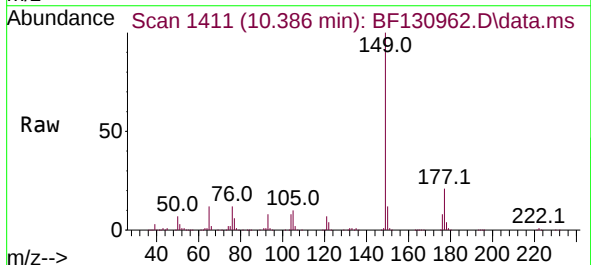
Instrument :
BNA_F
ClientSampleId :
TP-CMS

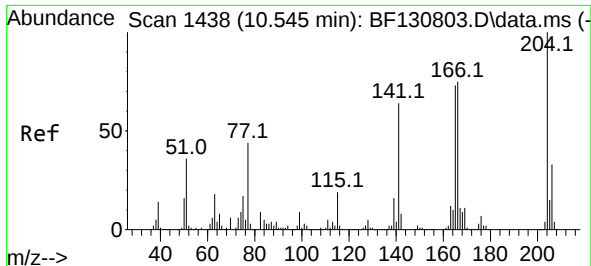
Tgt Ion:232 Resp: 65636
Ion Ratio Lower Upper
232 100
131 48.4 39.6 59.4
130 2.7 2.1 3.1
166 30.1 24.7 37.1



#60
Diethylphthalate
Concen: 49.575 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

Tgt Ion:149 Resp: 276366
Ion Ratio Lower Upper
149 100
177 21.0 17.2 25.8
150 12.1 10.8 16.2

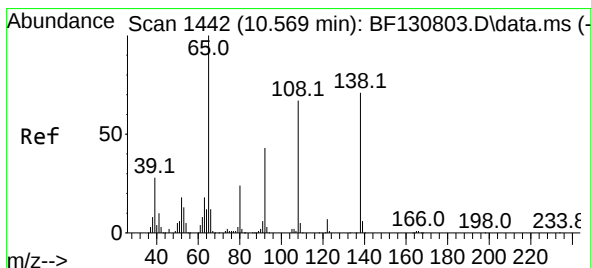
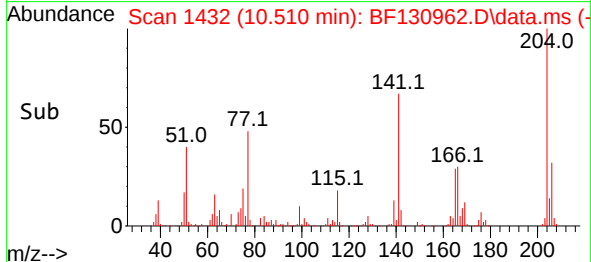
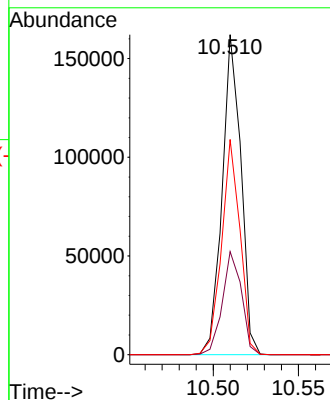
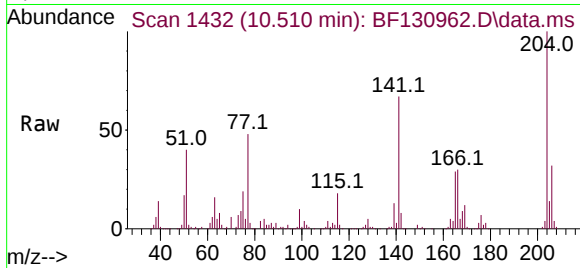




#61
4-Chlorophenyl-phenylether
Concen: 49.364 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

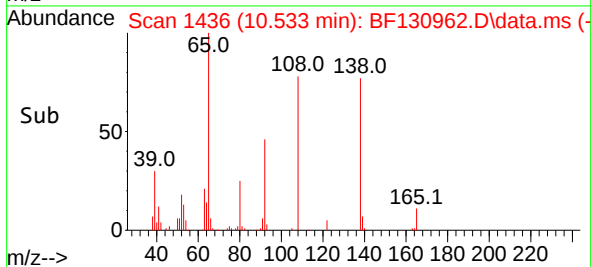
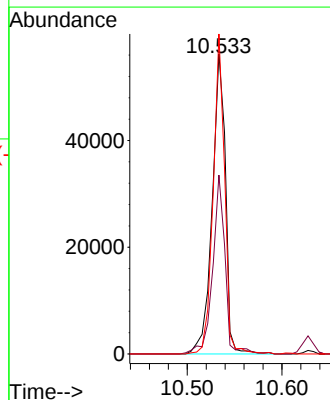
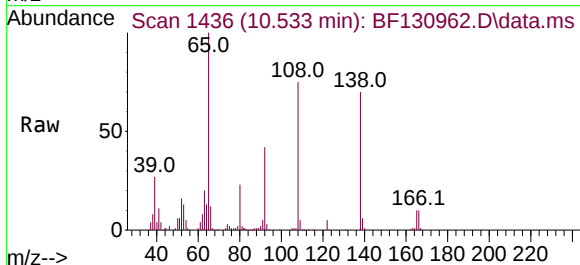
Instrument :
BNA_F
ClientSampleId :
TP-CMS

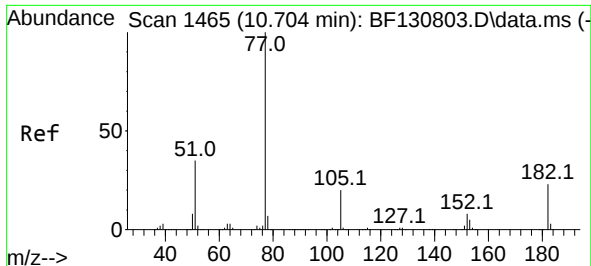
Tgt Ion:204 Resp: 124171
Ion Ratio Lower Upper
204 100
206 32.2 26.6 39.8
141 67.3 51.3 76.9



#62
4-Nitroaniline
Concen: 49.001 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

Tgt Ion:138 Resp: 54782
Ion Ratio Lower Upper
138 100
92 59.6 40.6 80.6
108 106.6 74.7 114.7

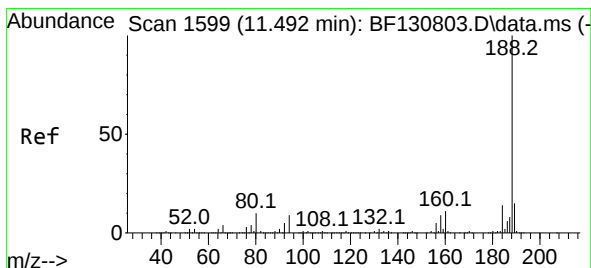
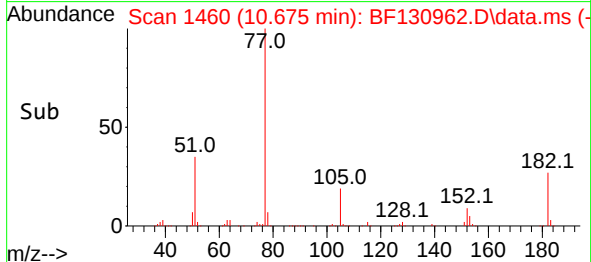
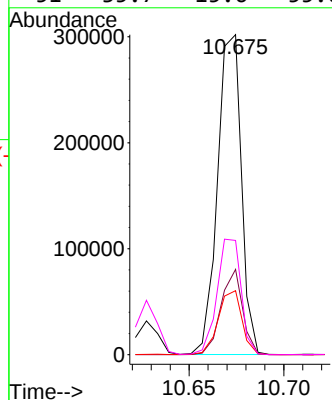
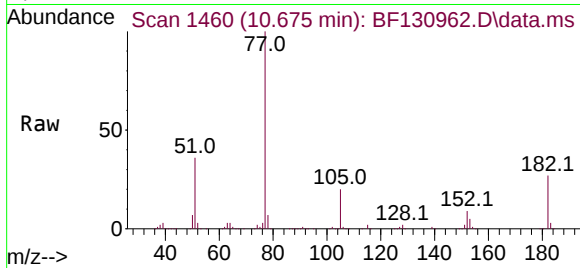




#63
Azobenzene
Concen: 45.571 ng
RT: 10.675 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

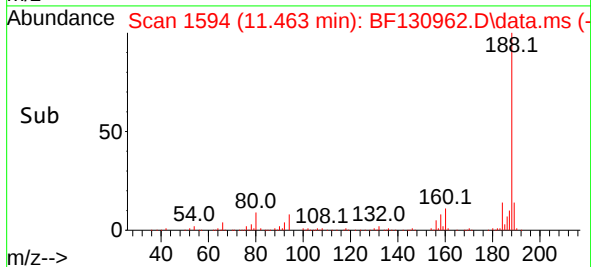
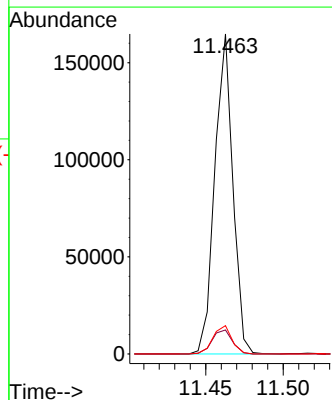
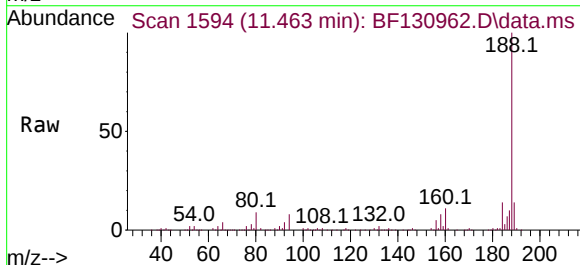
Instrument :
BNA_F
ClientSampleId :
TP-CMS

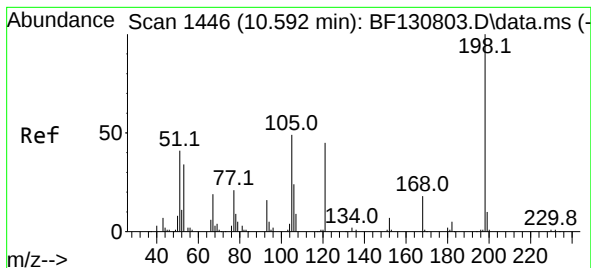
Tgt Ion: 77	Resp: 265189
Ion Ratio	Lower Upper
77 100	
182 26.7	2.6 42.6
105 20.0	0.0 40.0
51 35.7	15.6 55.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

Tgt Ion:188	Resp: 133352
Ion Ratio	Lower Upper
188 100	
94 7.5	7.4 11.2
80 8.9	8.0 12.0

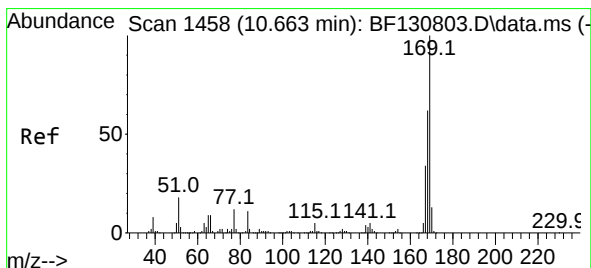
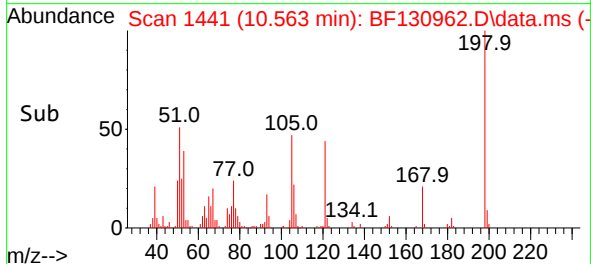
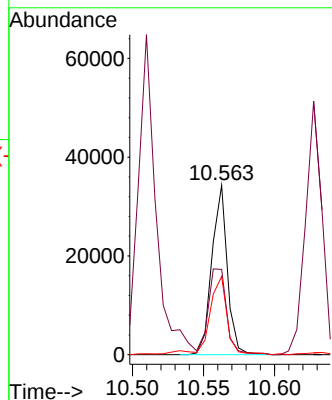
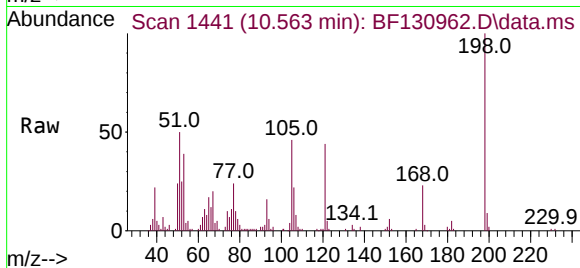




#65
4,6-Dinitro-2-methylphenol
Concen: 46.727 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

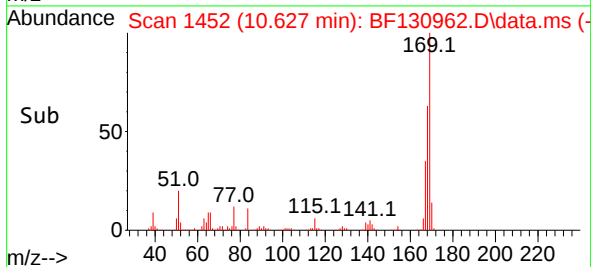
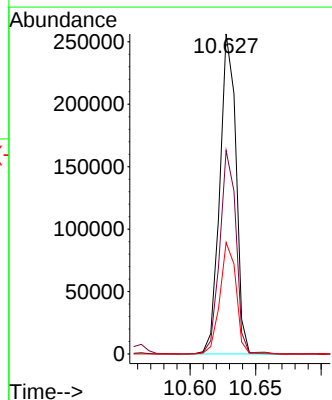
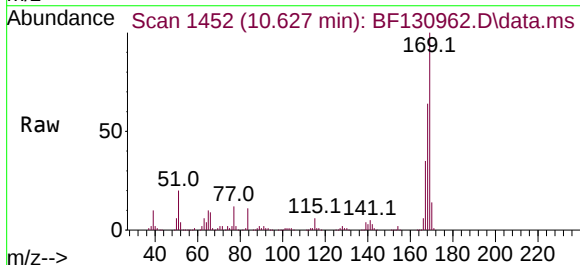
Instrument :
BNA_F
ClientSampleId :
TP-CMS

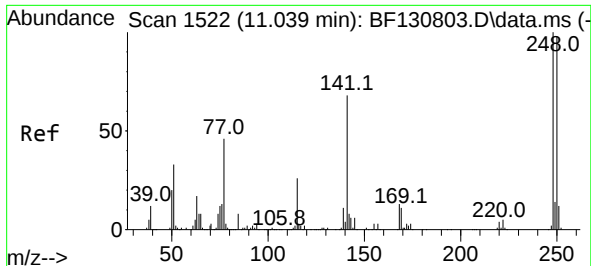
Tgt Ion:198 Resp: 25901
Ion Ratio Lower Upper
198 100
51 50.4 39.0 79.0
105 46.2 30.6 70.6



#66
n-Nitrosodiphenylamine
Concen: 52.661 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

Tgt Ion:169 Resp: 219040
Ion Ratio Lower Upper
169 100
168 63.6 49.4 74.0
167 34.8 27.4 41.2





#67

4-Bromophenyl-phenylether

Concen: 54.638 ng

RT: 11.004 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

Instrument :

BNA_F

ClientSampleId :

TP-CMS

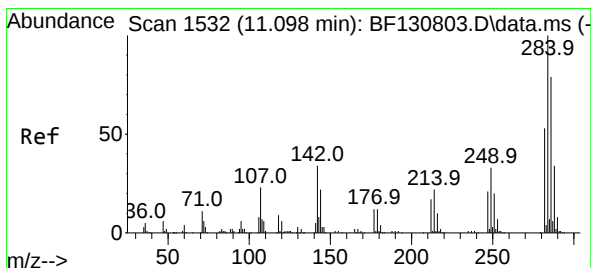
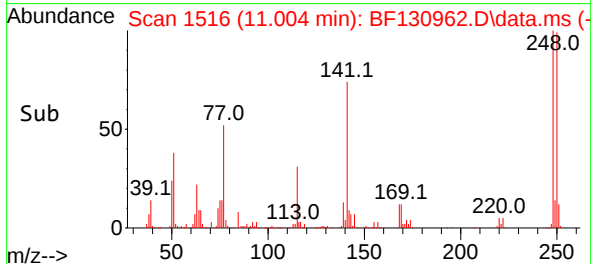
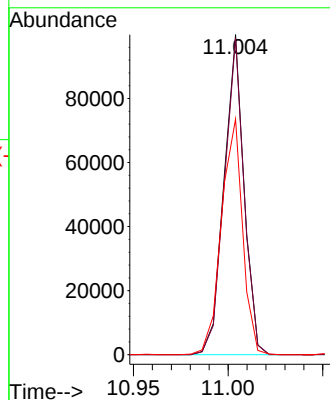
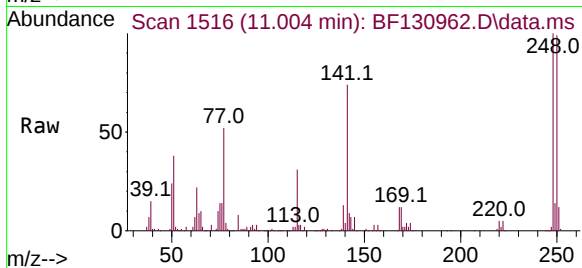
Tgt Ion:248 Resp: 73273

Ion Ratio Lower Upper

248 100

250 99.0 78.6 117.8

141 73.6 54.2 81.4



#68

Hexachlorobenzene

Concen: 53.531 ng

RT: 11.069 min Scan# 1527

Delta R.T. -0.000 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

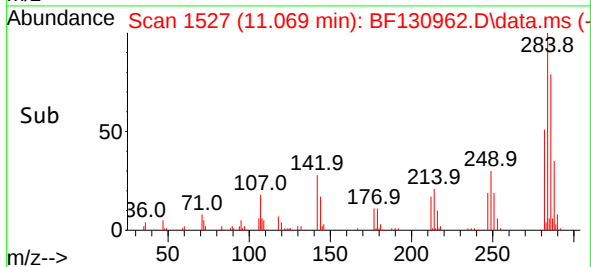
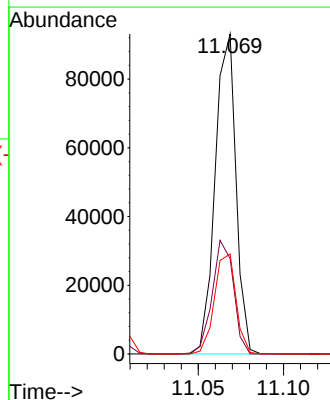
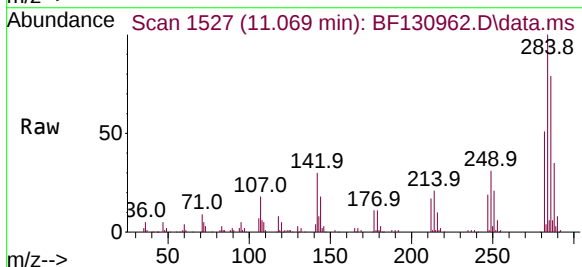
Tgt Ion:284 Resp: 79095

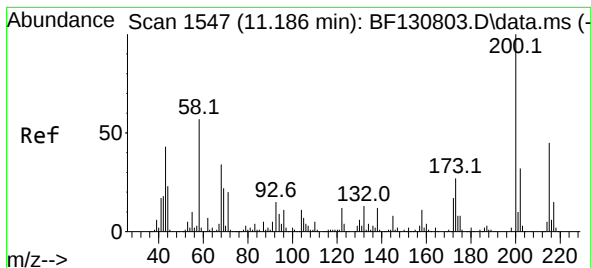
Ion Ratio Lower Upper

284 100

142 29.8 27.1 40.7

249 31.3 26.6 39.8





#69

Atrazine

Concen: 58.654 ng

RT: 11.157 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

Instrument :

BNA_F

ClientSampleId :

TP-CMS

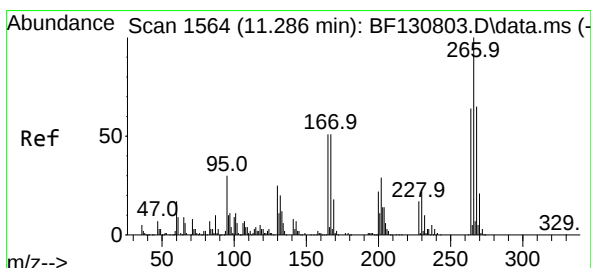
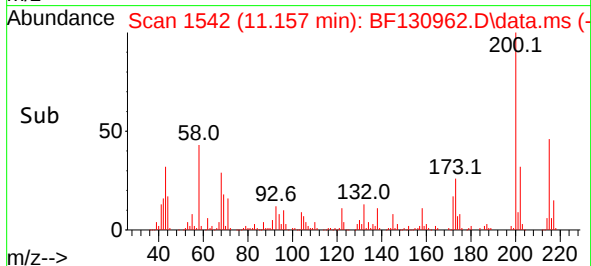
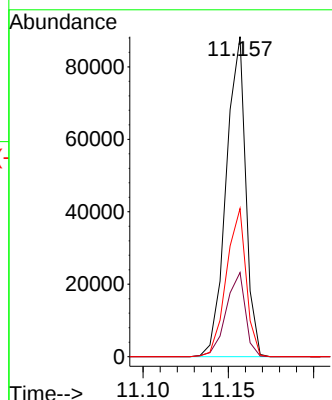
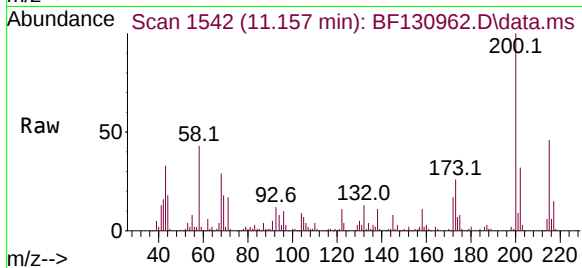
Tgt Ion:200 Resp: 70456

Ion Ratio Lower Upper

200 100

173 26.3 7.1 47.1

215 46.3 25.4 65.4



#70

Pentachlorophenol

Concen: 93.583 ng

RT: 11.263 min Scan# 1560

Delta R.T. -0.006 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

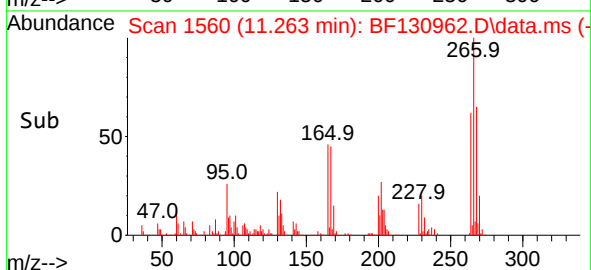
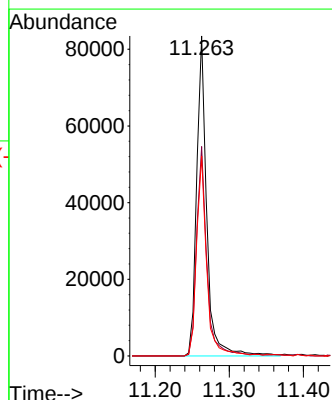
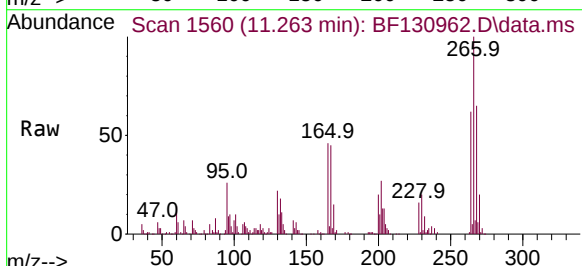
Tgt Ion:266 Resp: 78904

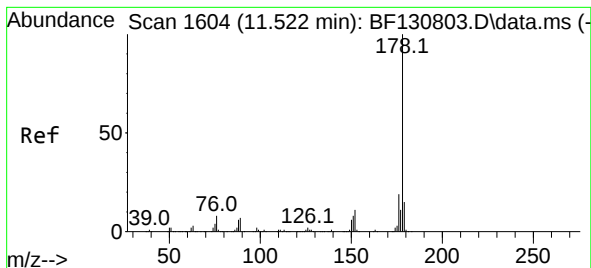
Ion Ratio Lower Upper

266 100

268 65.5 51.8 77.6

264 62.5 51.6 77.4





#71

Phenanthrene

Concen: 49.232 ng

RT: 11.486 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

Instrument :

BNA_F

ClientSampleId :

TP-CMS

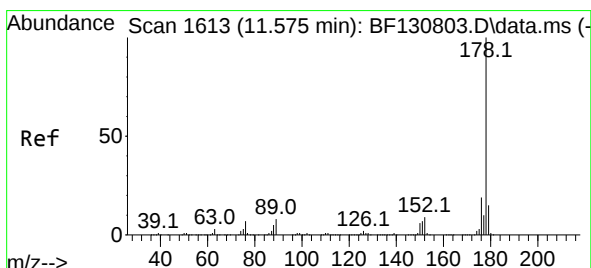
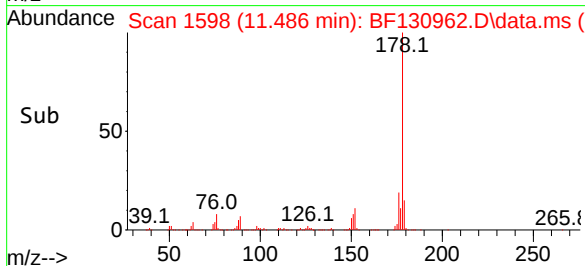
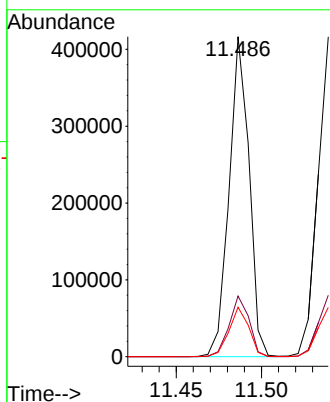
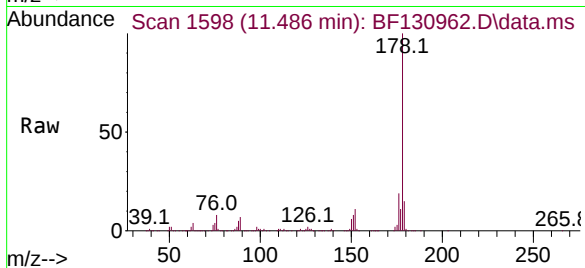
Tgt Ion:178 Resp: 338854

Ion Ratio Lower Upper

178 100

176 18.9 15.5 23.3

179 15.5 12.2 18.2



#72

Anthracene

Concen: 50.099 ng

RT: 11.539 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

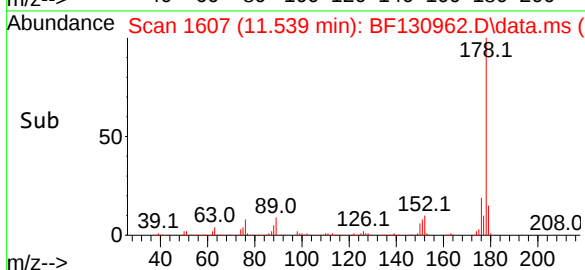
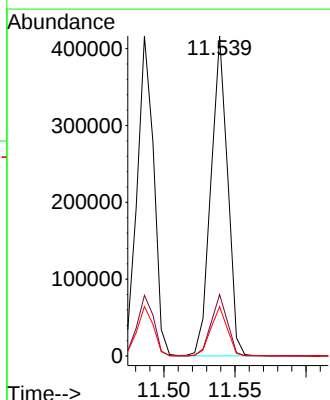
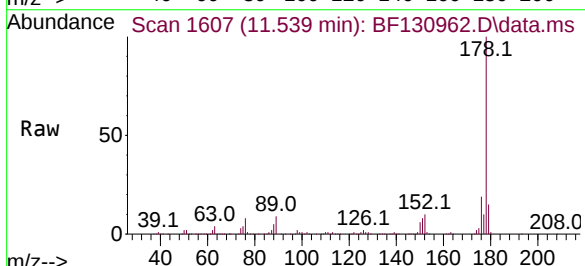
Tgt Ion:178 Resp: 340105

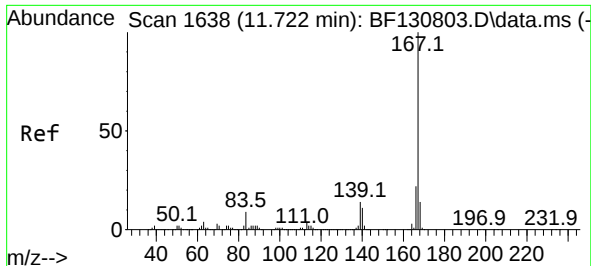
Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.4 12.2 18.4

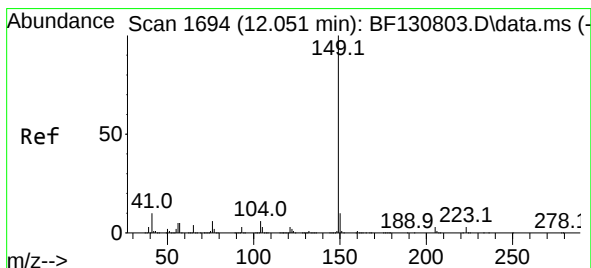
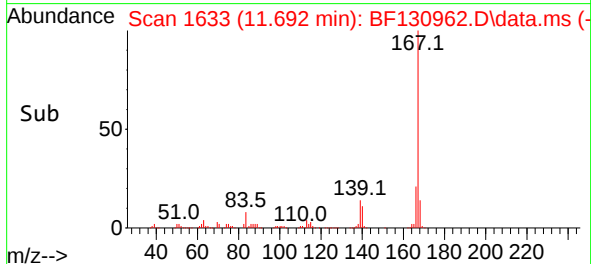
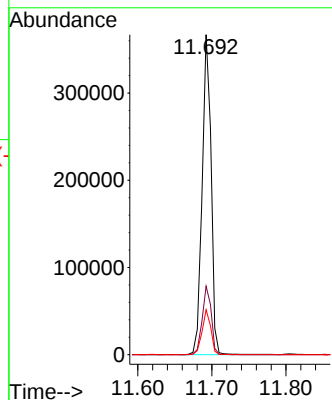
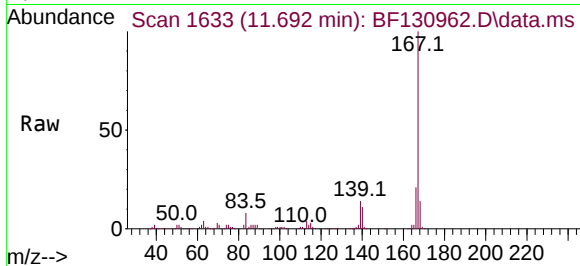




#73
 Carbazole
 Concen: 50.419 ng
 RT: 11.692 min Scan# 1633
 Delta R.T. -0.006 min
 Lab File: BF130962.D
 Acq: 03 Nov 2022 14:33

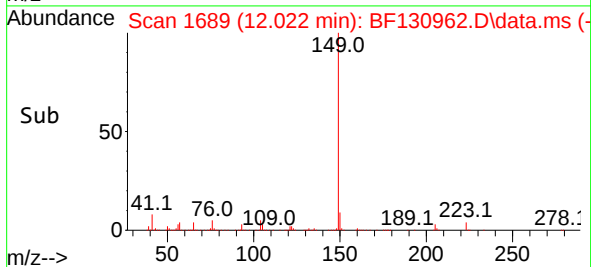
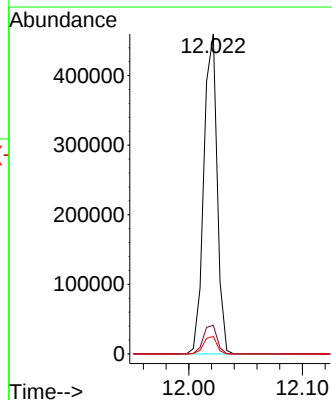
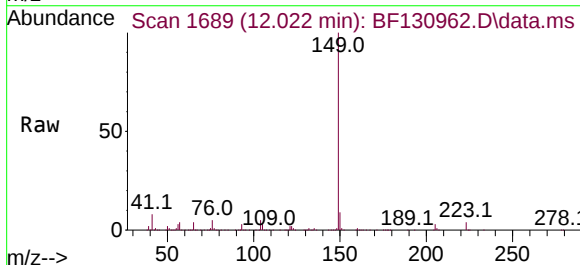
Instrument :
 BNA_F
 ClientSampleId :
 TP-CMS

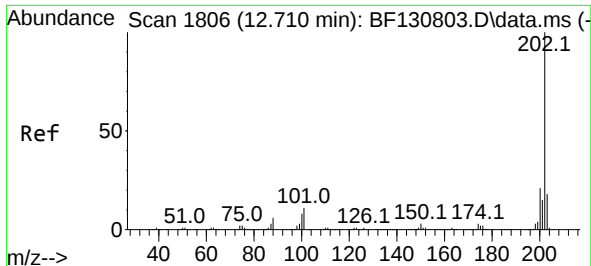
Tgt Ion:167 Resp: 306523
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 14.1 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 50.883 ng
 RT: 12.022 min Scan# 1689
 Delta R.T. -0.000 min
 Lab File: BF130962.D
 Acq: 03 Nov 2022 14:33

Tgt Ion:149 Resp: 375689
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.8 11.6
 104 5.5 4.6 6.8

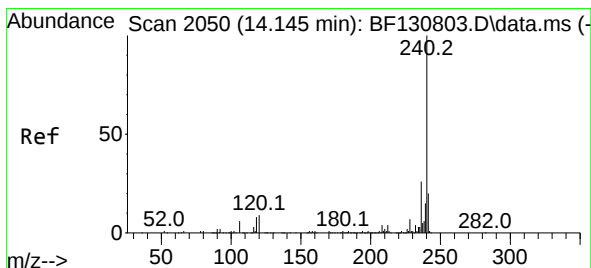
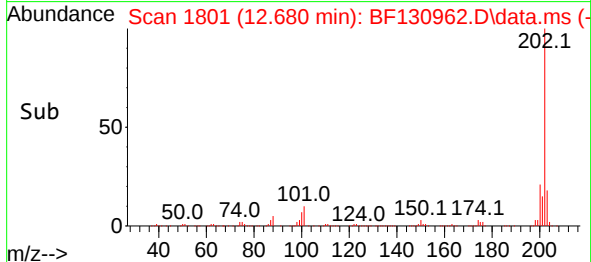
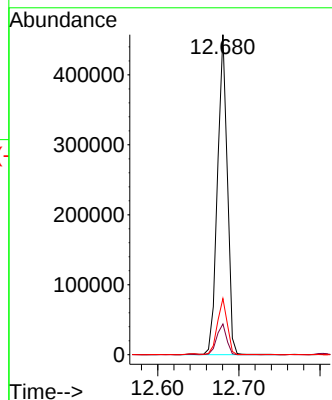
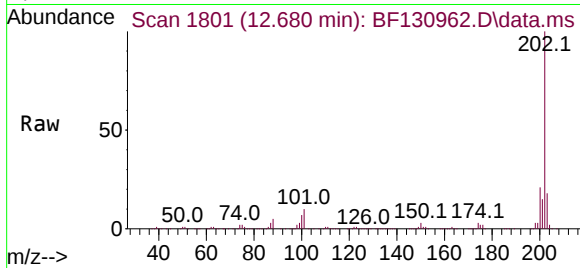




#75
Fluoranthene
Concen: 52.588 ng
RT: 12.680 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

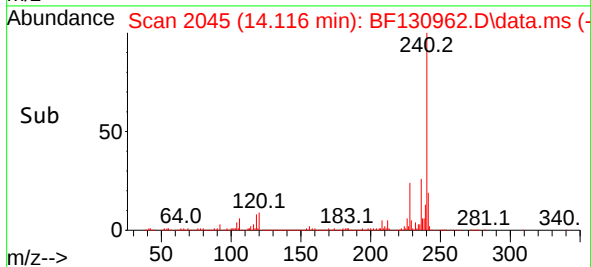
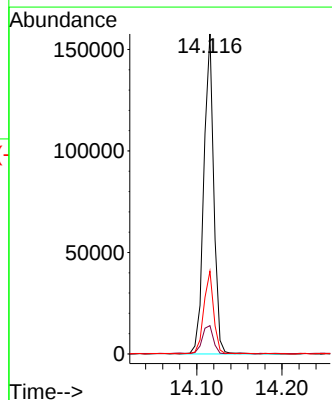
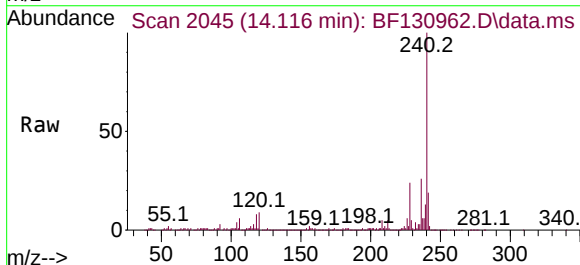
Instrument :
BNA_F
ClientSampleId :
TP-CMS

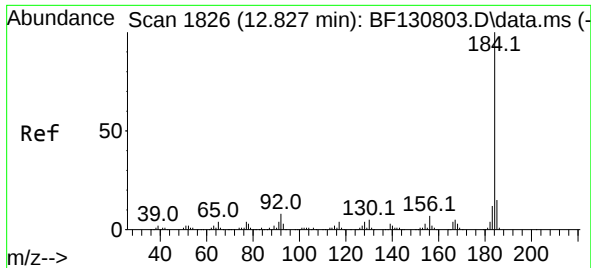
Tgt Ion:202 Resp: 384568
Ion Ratio Lower Upper
202 100
101 9.6 0.0 30.9
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2045
Delta R.T. -0.006 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

Tgt Ion:240 Resp: 127547
Ion Ratio Lower Upper
240 100
120 8.9 7.0 10.4
236 25.9 20.5 30.7

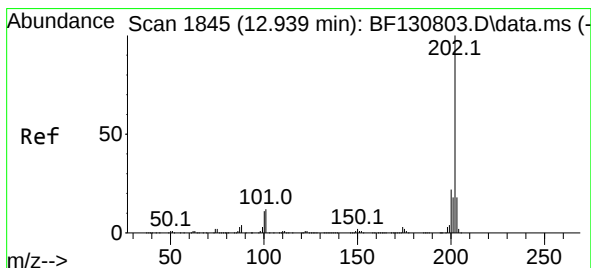
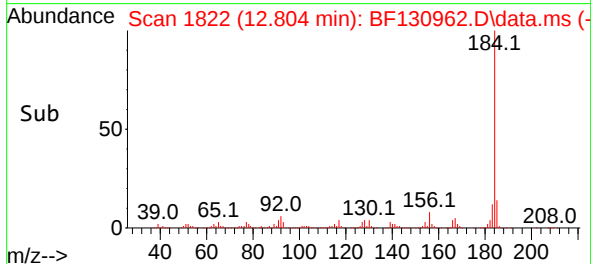
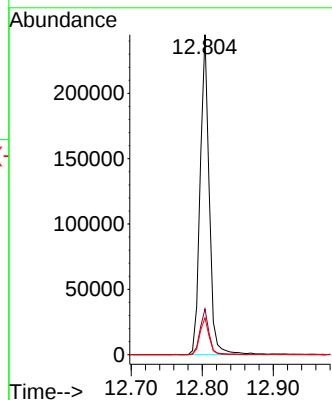
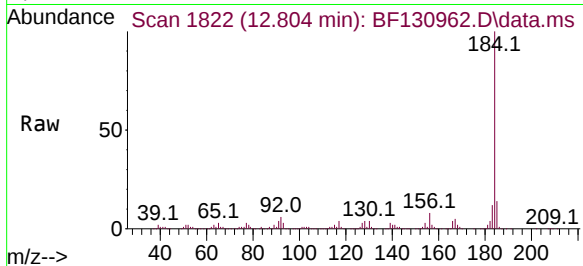




#77
Benzidine
Concen: 70.524 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

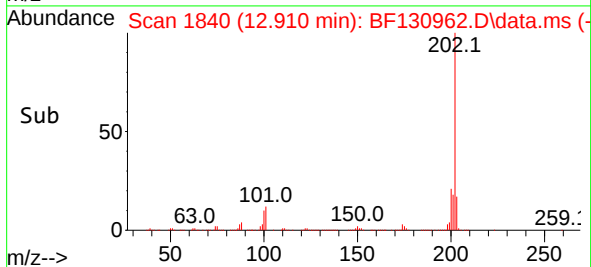
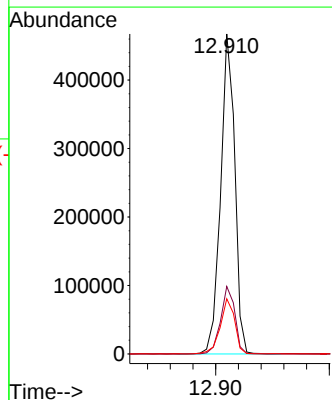
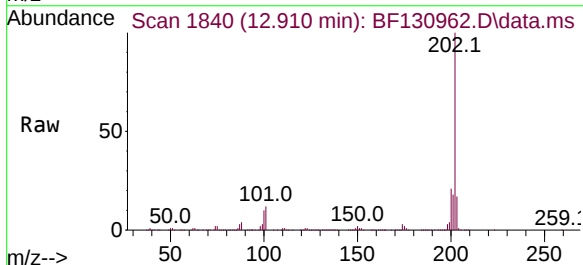
Instrument :
BNA_F
ClientSampleId :
TP-CMS

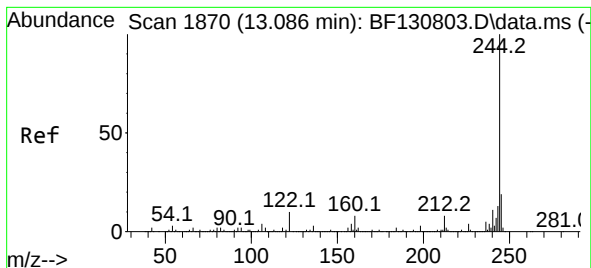
Tgt Ion:184 Resp: 218356
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.8
183 11.5 9.7 14.5



#78
Pyrene
Concen: 37.724 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

Tgt Ion:202 Resp: 405948
Ion Ratio Lower Upper
202 100
200 21.1 17.2 25.8
203 17.3 14.5 21.7





#79

Terphenyl-d14

Concen: 63.476 ng

RT: 13.051 min Scan# 1864

Delta R.T. -0.006 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

Instrument :

BNA_F

ClientSampleId :

TP-CMS

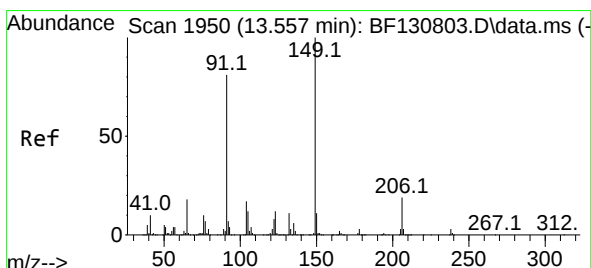
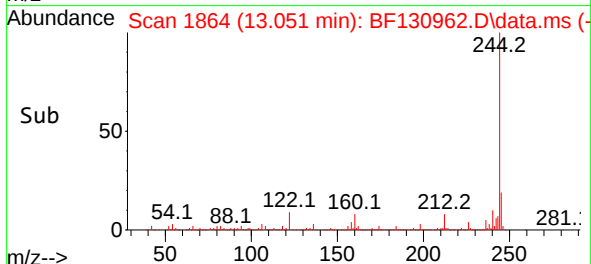
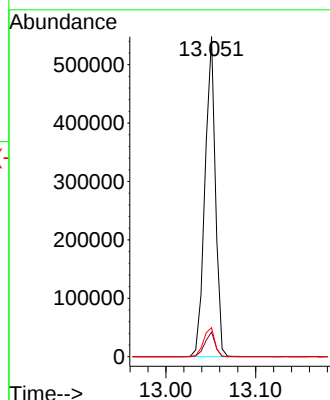
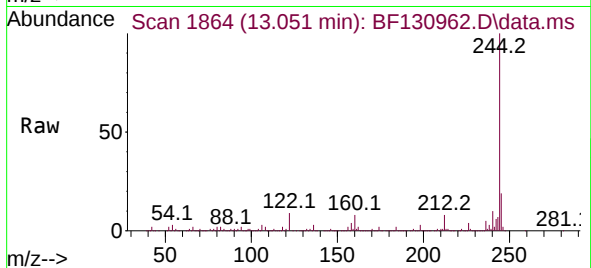
Tgt Ion:244 Resp: 441820

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 9.1 7.9 11.9



#80

Butylbenzylphthalate

Concen: 46.046 ng

RT: 13.527 min Scan# 1945

Delta R.T. -0.006 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

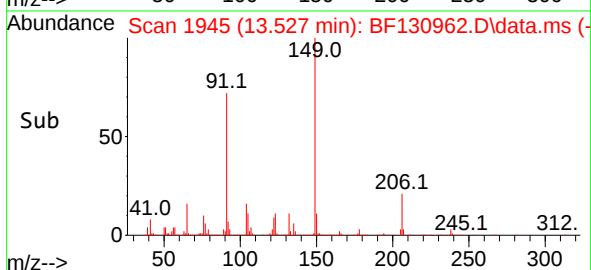
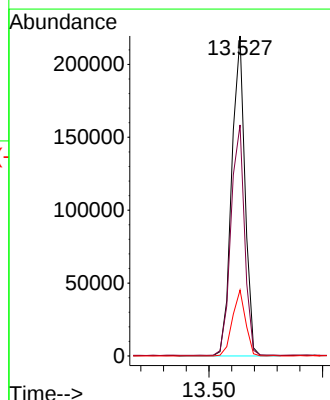
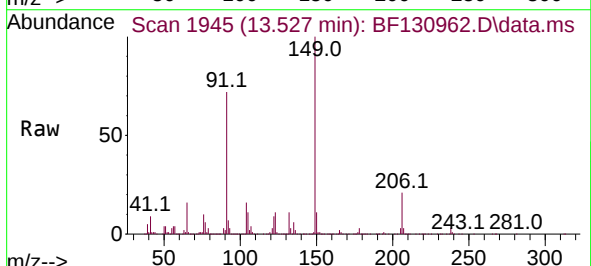
Tgt Ion:149 Resp: 178266

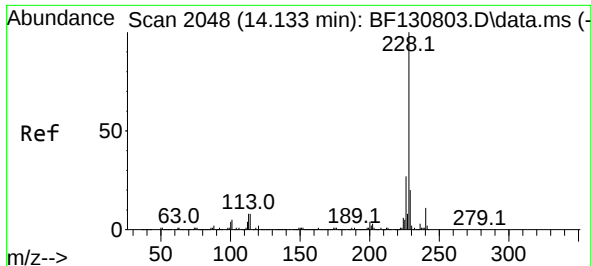
Ion Ratio Lower Upper

149 100

91 72.2 64.5 96.7

206 20.6 15.3 22.9

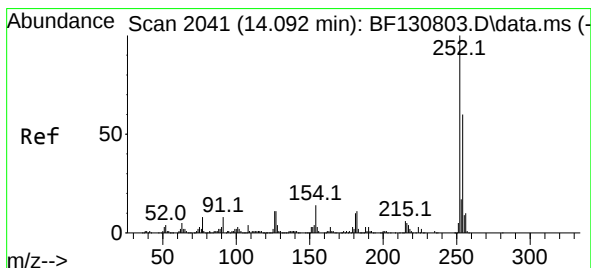
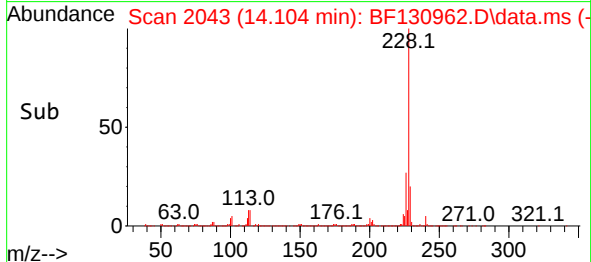
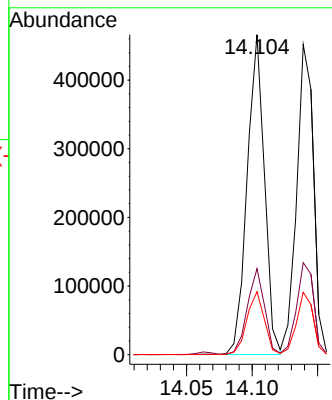
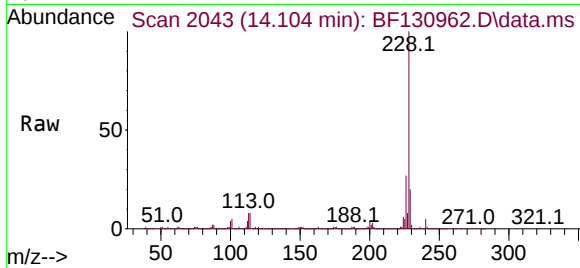




#81
Benzo(a)anthracene
Concen: 50.613 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

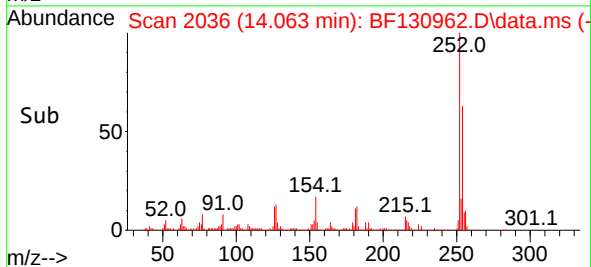
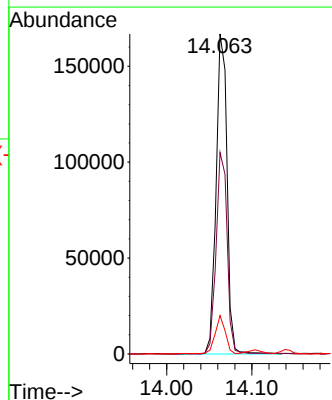
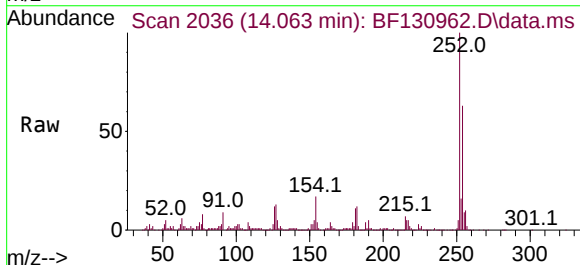
Instrument :
BNA_F
ClientSampleId :
TP-CMS

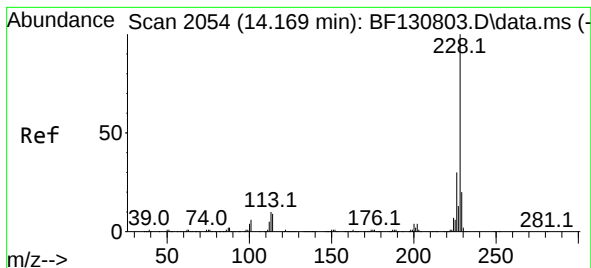
Tgt Ion:228 Resp: 428005
Ion Ratio Lower Upper
228 100
226 26.9 21.4 32.2
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 65.236 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF130962.D
Acq: 03 Nov 2022 14:33

Tgt Ion:252 Resp: 148891
Ion Ratio Lower Upper
252 100
254 63.0 47.8 71.6
126 12.0 9.0 13.6





#83

Chrysene

Concen: 49.373 ng

RT: 14.139 min Scan# 2049

Delta R.T. -0.006 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

Instrument :

BNA_F

ClientSampleId :

TP-CMS

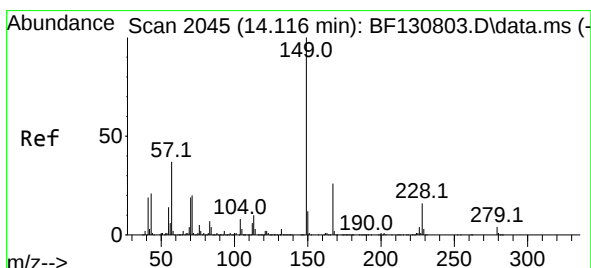
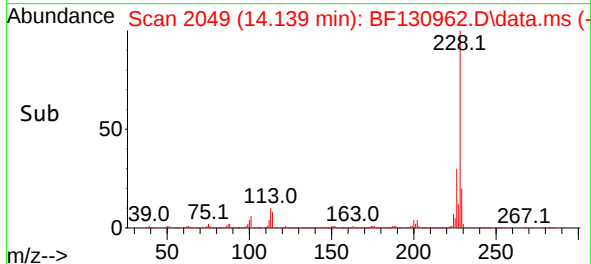
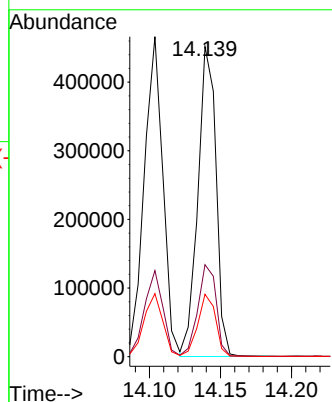
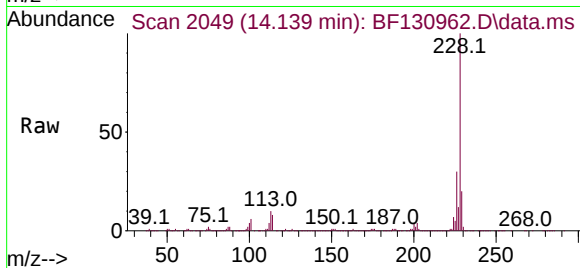
Tgt Ion:228 Resp: 402730

Ion Ratio Lower Upper

228 100

226 29.7 23.9 35.9

229 20.1 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.337 ng

RT: 14.086 min Scan# 2040

Delta R.T. -0.000 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

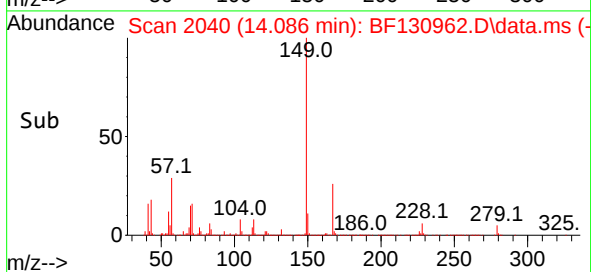
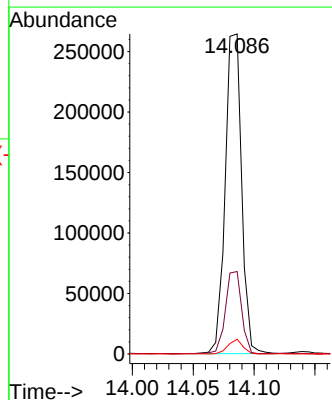
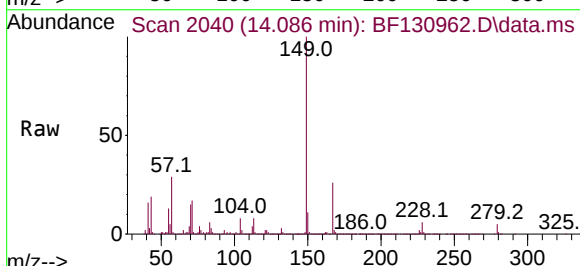
Tgt Ion:149 Resp: 248279

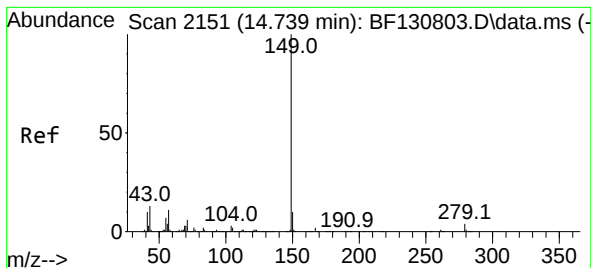
Ion Ratio Lower Upper

149 100

167 25.7 21.0 31.4

279 4.6 3.0 4.6#





#85

Di-n-octyl phthalate

Concen: 71.301 ng

RT: 14.704 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

Instrument :

BNA_F

ClientSampleId :

TP-CMS

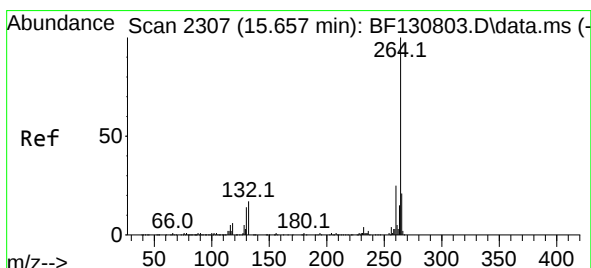
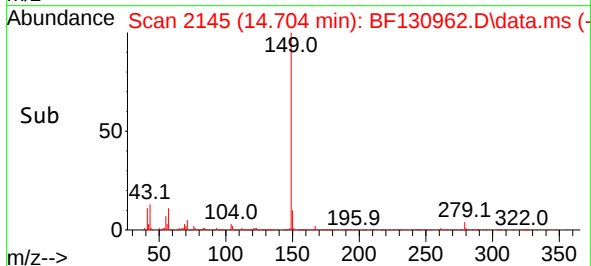
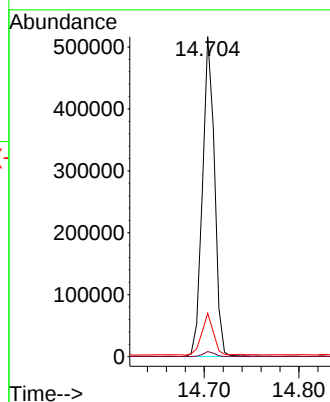
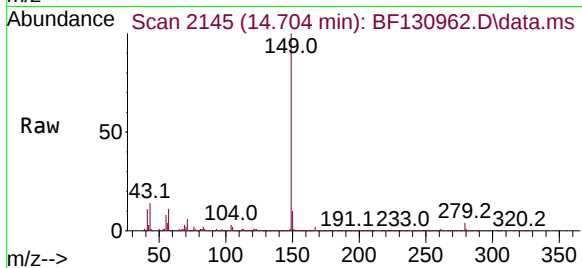
Tgt Ion:149 Resp: 458064

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.3 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.627 min Scan# 2302

Delta R.T. -0.000 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

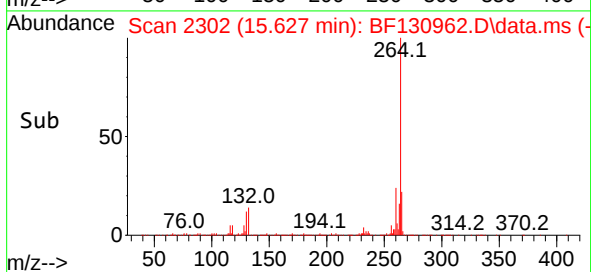
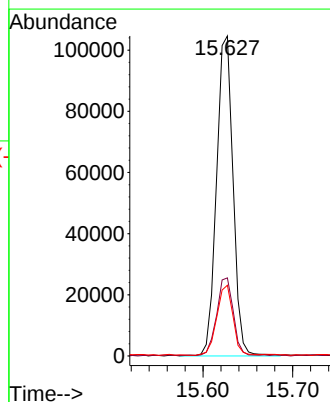
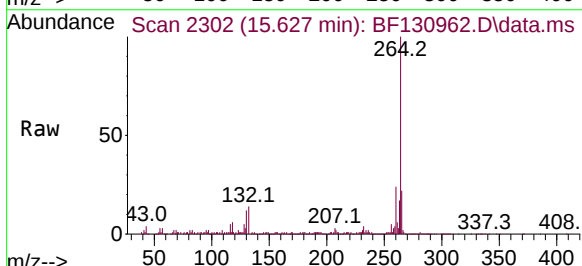
Tgt Ion:264 Resp: 133932

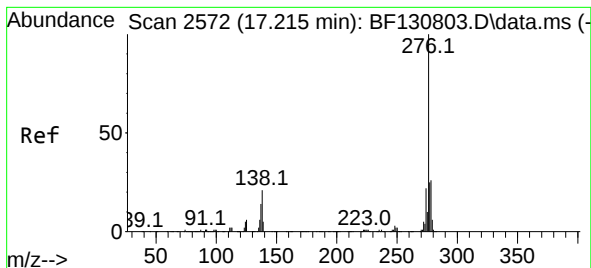
Ion Ratio Lower Upper

264 100

260 24.4 19.9 29.9

265 22.1 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.366 ng

RT: 17.168 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

Instrument :

BNA_F

ClientSampleId :

TP-CMS

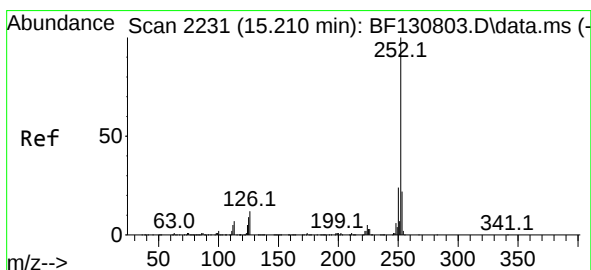
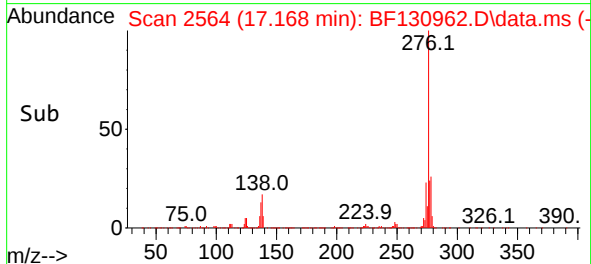
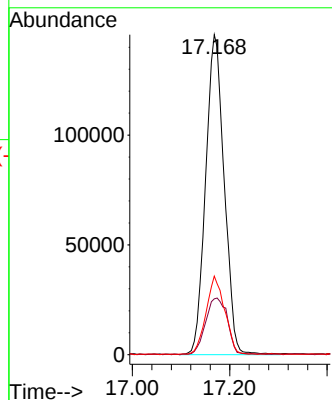
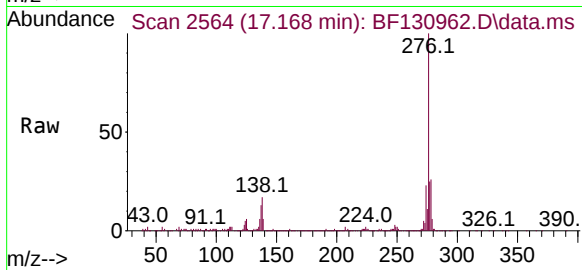
Tgt Ion:276 Resp: 385706

Ion Ratio Lower Upper

276 100

138 21.1 19.1 28.7

277 24.5 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 49.272 ng

RT: 15.180 min Scan# 2226

Delta R.T. -0.000 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

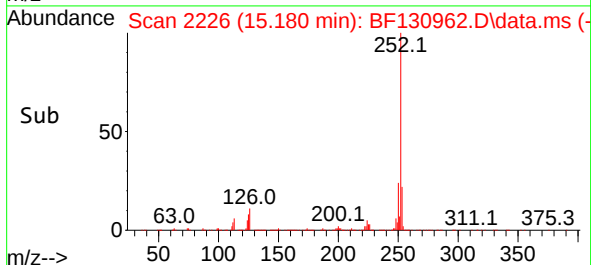
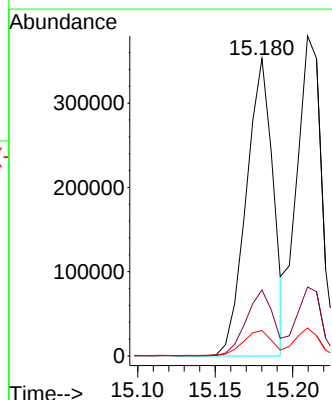
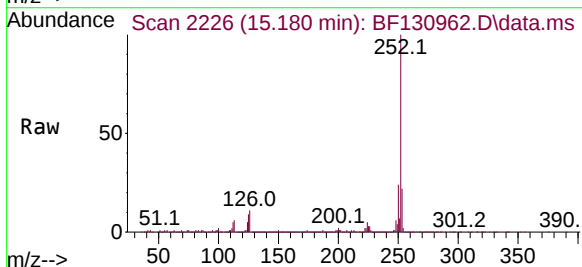
Tgt Ion:252 Resp: 426587

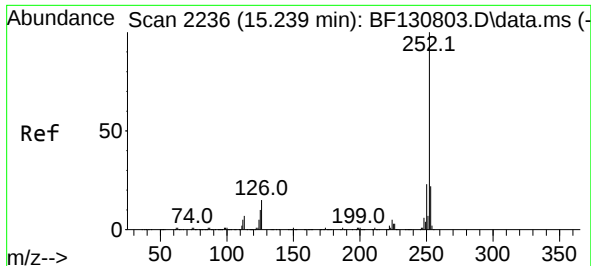
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 8.6 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 49.997 ng

RT: 15.210 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

Instrument :

BNA_F

ClientSampleId :

TP-CMS

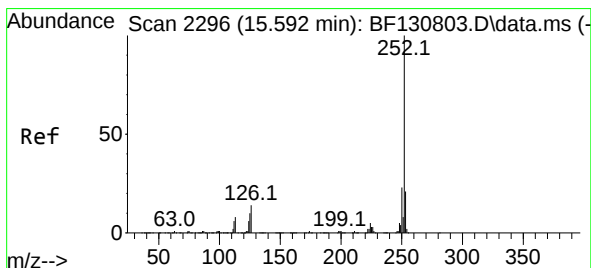
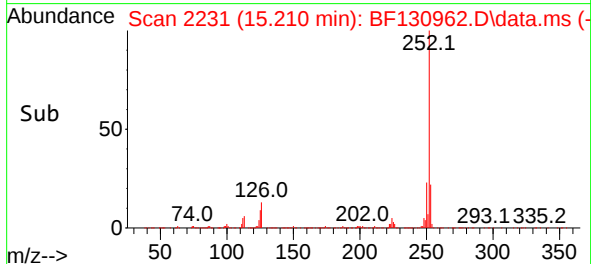
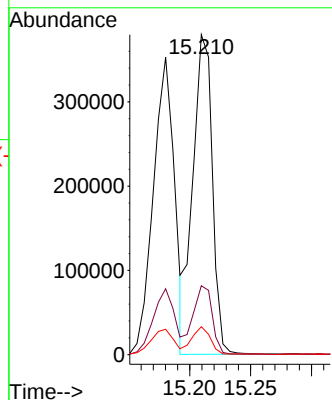
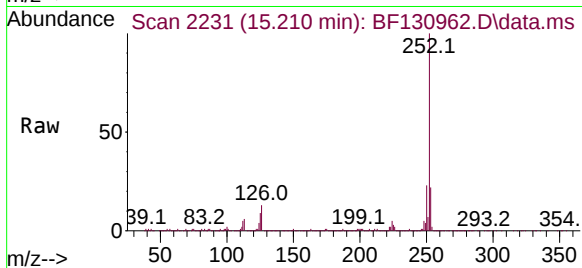
Tgt Ion:252 Resp: 421797

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 8.7 8.0 12.0



#90

Benzo(a)pyrene

Concen: 54.101 ng

RT: 15.562 min Scan# 2291

Delta R.T. -0.006 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

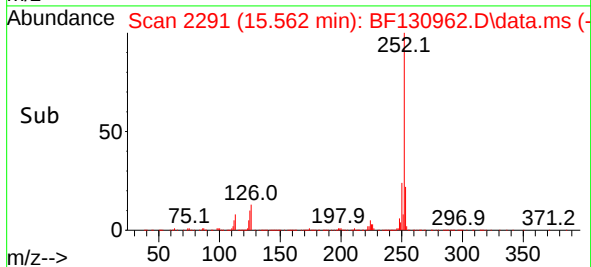
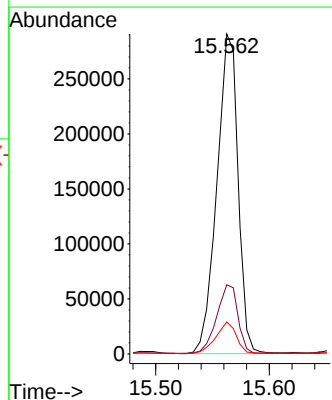
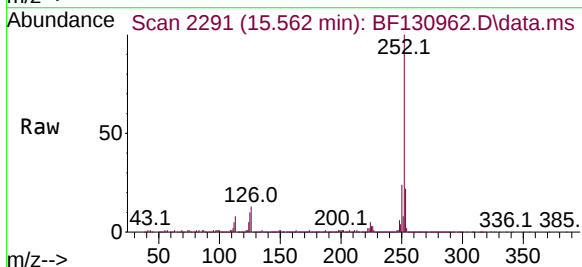
Tgt Ion:252 Resp: 376531

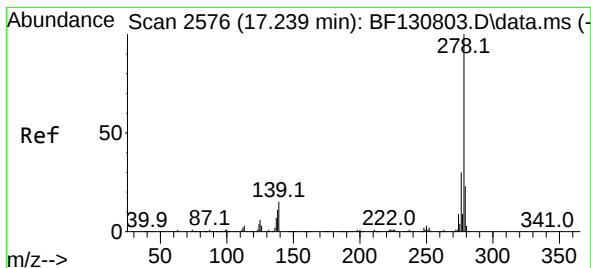
Ion Ratio Lower Upper

252 100

253 21.6 16.8 25.2

125 10.0 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 45.249 ng

RT: 17.192 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

Instrument :

BNA_F

ClientSampleId :

TP-CMS

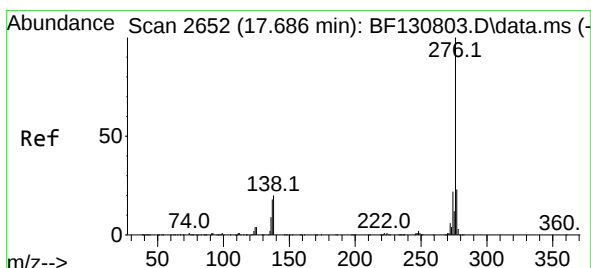
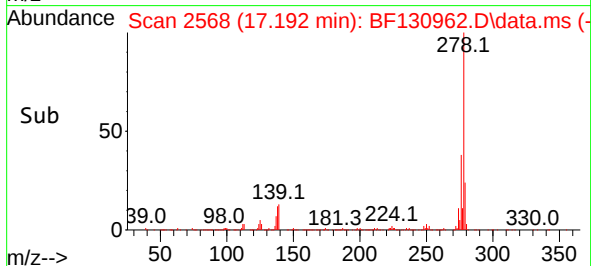
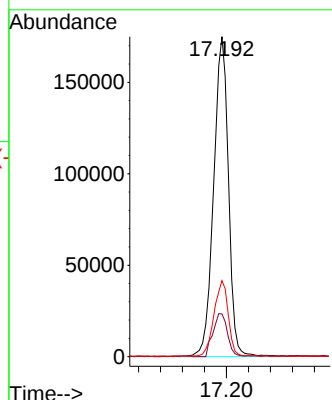
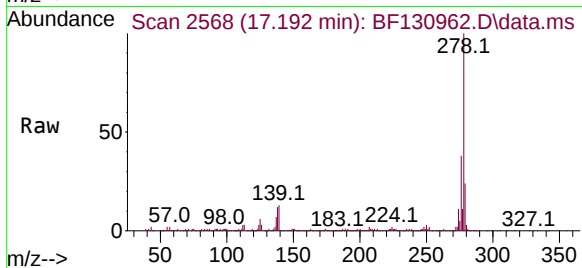
Tgt Ion:278 Resp: 328076

Ion Ratio Lower Upper

278 100

139 13.4 11.9 17.9

279 23.8 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 39.879 ng

RT: 17.645 min Scan# 2645

Delta R.T. -0.006 min

Lab File: BF130962.D

Acq: 03 Nov 2022 14:33

Tgt Ion:276 Resp: 294988

Ion Ratio Lower Upper

276 100

277 22.6 18.8 28.2

138 17.0 16.3 24.5

