

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
 Data File : BF131432.D
 Acq On : 28 Nov 2022 16:37
 Operator : CG\JU
 Sample : N5766-05MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CR-5MS

Quant Time: Nov 29 00:56:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	81739	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	303780	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	170912	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	307220	20.000	ng	0.00
76) Chrysene-d12	14.163	240	200781	20.000	ng	0.00
86) Perylene-d12	15.698	264	178863	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	545616	127.042	ng	0.01
7) Phenol-d6	6.575	99	687265	125.421	ng	0.00
23) Nitrobenzene-d5	7.522	82	456792	75.799	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	206698	143.750	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	865986	73.714	ng	0.00
79) Terphenyl-d14	13.098	244	918762	74.829	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.822	88	88028	42.993	ng	98
3) Pyridine	3.581	79	225939	39.740	ng	99
4) n-Nitrosodimethylamine	3.551	42	156891	46.794	ng	97
6) Aniline	6.616	93	288991	40.242	ng	99
8) 2-Chlorophenol	6.734	128	241748	49.685	ng	98
9) Benzaldehyde	6.504	77	126397	36.819	ng	98
10) Phenol	6.587	94	289563	47.661	ng	98
11) bis(2-Chloroethyl)ether	6.687	93	228873	44.963	ng	98
12) 1,3-Dichlorobenzene	6.892	146	262725	45.306	ng	99
13) 1,4-Dichlorobenzene	6.969	146	262230	44.503	ng	96
14) 1,2-Dichlorobenzene	7.122	146	252461	46.533	ng	98
15) Benzyl Alcohol	7.092	79	229146	51.001	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.228	45	422637	43.415	ng	99
17) 2-Methylphenol	7.198	107	195105	47.047	ng	99
18) Hexachloroethane	7.469	117	101086	47.957	ng	96
19) n-Nitroso-di-n-propyla...	7.369	70	179919	44.852	ng	96
20) 3+4-Methylphenols	7.351	107	241894	45.683	ng	92
22) Acetophenone	7.363	105	343194	44.383	ng	# 98
24) Nitrobenzene	7.539	77	275181	43.827	ng	98
25) Isophorone	7.781	82	487608	45.352	ng	98
26) 2-Nitrophenol	7.857	139	122893	58.386	ng	92
27) 2,4-Dimethylphenol	7.886	122	213404	51.200	ng	98
28) bis(2-Chloroethoxy)met...	7.986	93	280841	45.989	ng	99
29) 2,4-Dichlorophenol	8.092	162	207974	46.001	ng	98
30) 1,2,4-Trichlorobenzene	8.181	180	241886	43.188	ng	99
31) Naphthalene	8.263	128	680594	42.042	ng	100
32) Benzoic acid	8.004	122	134751	50.698	ng	91
33) 4-Chloroaniline	8.310	127	134886	21.121	ng	98
34) Hexachlorobutadiene	8.375	225	157956	43.554	ng	99
35) Caprolactam	8.686	113	33722	28.384	ng	92
36) 4-Chloro-3-methylphenol	8.792	107	223787	47.644	ng	95
37) 2-Methylnaphthalene	8.957	142	462531	42.169	ng	98
38) 1-Methylnaphthalene	9.057	142	429162	40.349	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	243455	43.895	ng	99
41) Hexachlorocyclopentadiene	9.110	237	315824	126.668	ng	98
43) 2,4,6-Trichlorophenol	9.233	196	156814	49.840	ng	99

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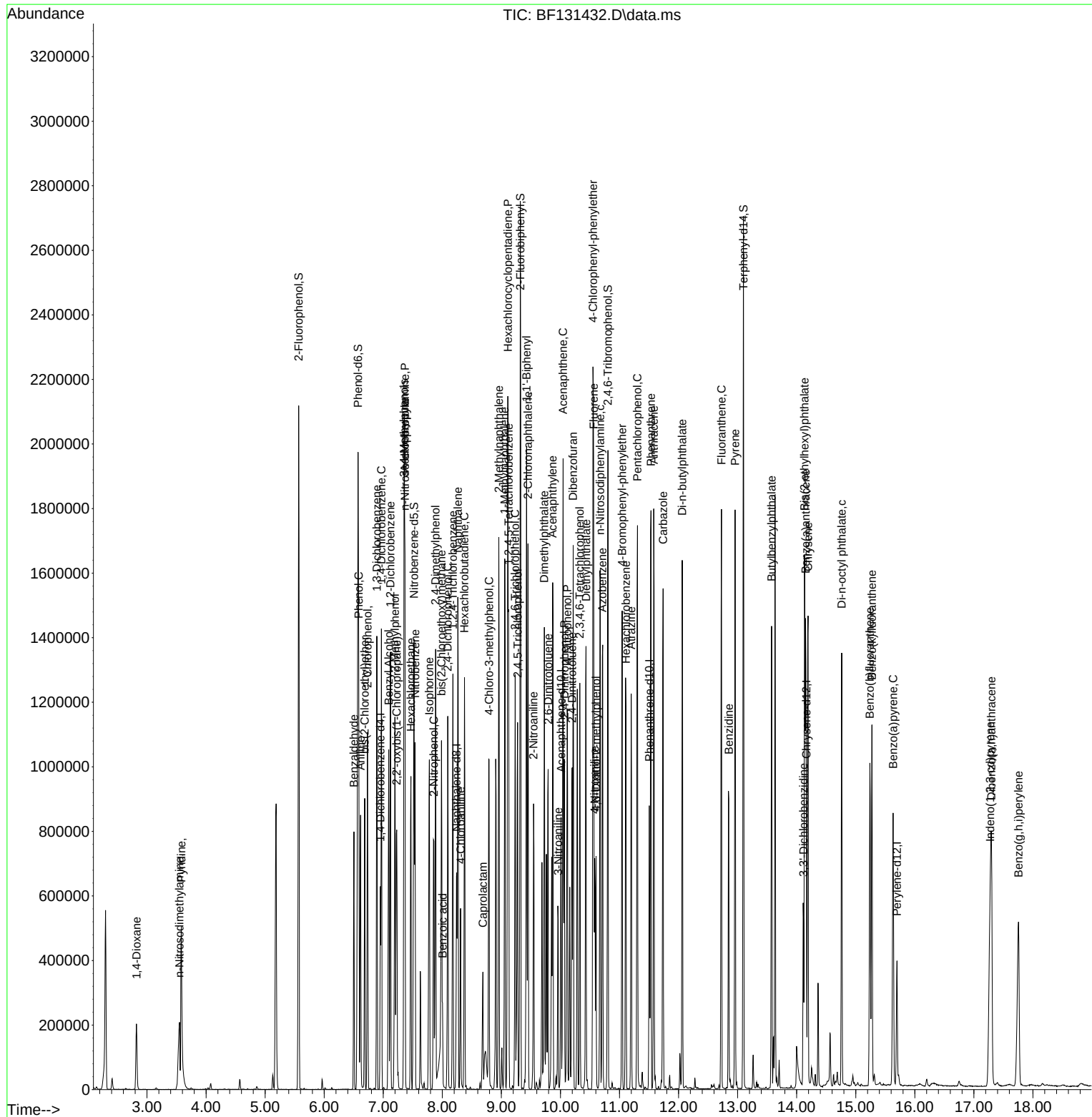
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	165513	46.781	ng	97
46) 1,1'-Biphenyl	9.428	154	568374	43.578	ng	99
47) 2-Chloronaphthalene	9.451	162	448894	42.904	ng	99
48) 2-Nitroaniline	9.545	65	158195	49.798	ng	95
49) Acenaphthylene	9.869	152	684094	42.892	ng	99
50) Dimethylphthalate	9.728	163	519690	43.642	ng	99
51) 2,6-Dinitrotoluene	9.792	165	114009	47.874	ng	# 84
52) Acenaphthene	10.045	154	484451	48.507	ng	99
53) 3-Nitroaniline	9.963	138	71060	29.039	ng	99
54) 2,4-Dinitrophenol	10.069	184	123095	101.183	ng	# 88
55) Dibenzofuran	10.216	168	601415	41.857	ng	99
56) 4-Nitrophenol	10.116	139	174450	102.719	ng	91
57) 2,4-Dinitrotoluene	10.198	165	153408	51.198	ng	91
58) Fluorene	10.563	166	472684	42.153	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.328	232	141224	47.930	ng	100
60) Diethylphthalate	10.433	149	498952	44.375	ng	99
61) 4-Chlorophenyl-phenyle...	10.551	204	247979	43.138	ng	97
62) 4-Nitroaniline	10.580	138	112570	46.223	ng	97
63) Azobenzene	10.710	77	509296	42.126	ng	99
65) 4,6-Dinitro-2-methylph...	10.604	198	80357	57.418	ng	83
66) n-Nitrosodiphenylamine	10.675	169	411052	41.989	ng	99
67) 4-Bromophenyl-phenylether	11.045	248	160480	42.620	ng	98
68) Hexachlorobenzene	11.110	284	172567	43.181	ng	# 91
69) Atrazine	11.198	200	150665	49.987	ng	99
70) Pentachlorophenol	11.304	266	191725	82.408	ng	98
71) Phenanthrene	11.533	178	697459	42.008	ng	99
72) Anthracene	11.580	178	709591	43.488	ng	99
73) Carbazole	11.739	167	600983	43.178	ng	99
74) Di-n-butylphthalate	12.063	149	752479	45.880	ng	100
75) Fluoranthene	12.727	202	731542	41.813	ng	98
77) Benzidine	12.851	184	351486	94.774	ng	95
78) Pyrene	12.957	202	738568	41.692	ng	99
80) Butylbenzylphthalate	13.574	149	282821	47.502	ng	99
81) Benzo(a)anthracene	14.151	228	580302	42.165	ng	99
82) 3,3'-Dichlorobenzidine	14.116	252	121251	33.201	ng	# 98
83) Chrysene	14.192	228	565148	41.855	ng	99
84) Bis(2-ethylhexyl)phtha...	14.133	149	377725	47.777	ng	99
85) Di-n-octyl phthalate	14.763	149	591696	51.485	ng	98
87) Indeno(1,2,3-cd)pyrene	17.274	276	599820	49.930	ng	98
88) Benzo(b)fluoranthene	15.239	252	533413	44.892	ng	99
89) Benzo(k)fluoranthene	15.274	252	506078	41.445	ng	99
90) Benzo(a)pyrene	15.633	252	459009	47.079	ng	99
91) Dibenzo(a,h)anthracene	17.298	278	503409	50.756	ng	98
92) Benzo(g,h,i)perylene	17.756	276	507554	51.273	ng	97

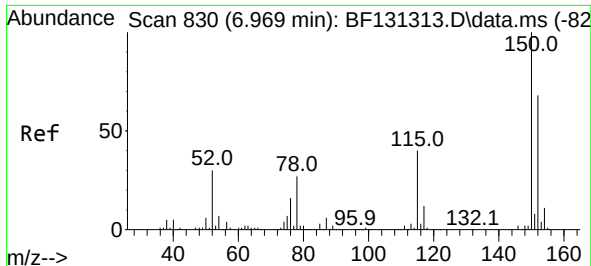
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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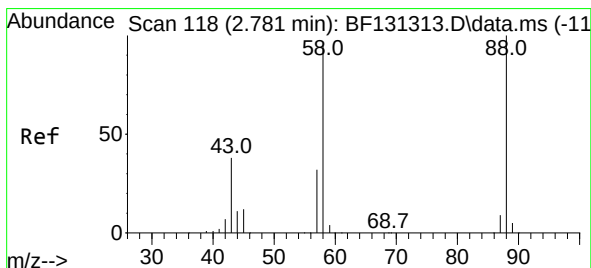
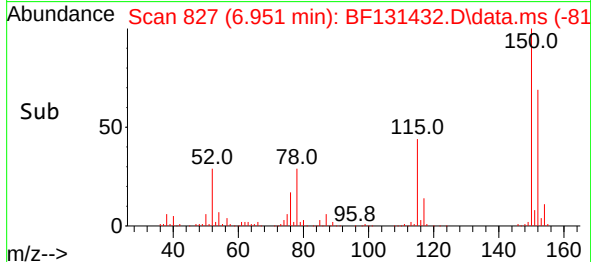
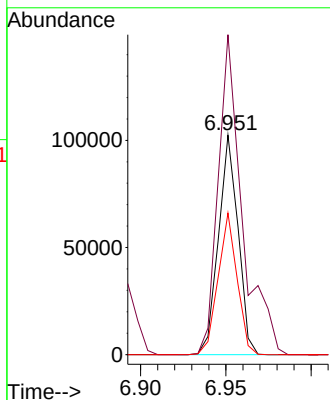
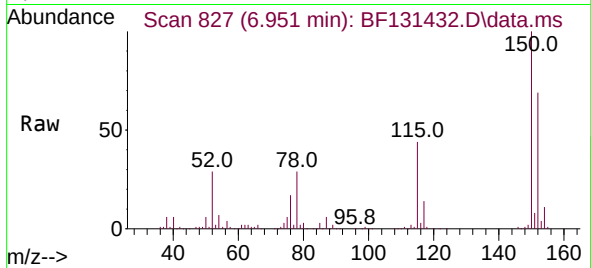




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.951 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131432.D
 Acq: 28 Nov 2022 16:37

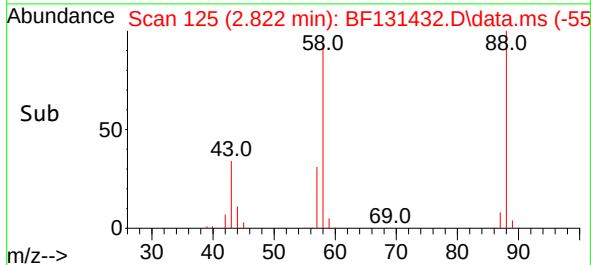
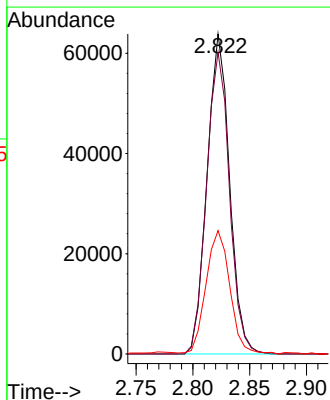
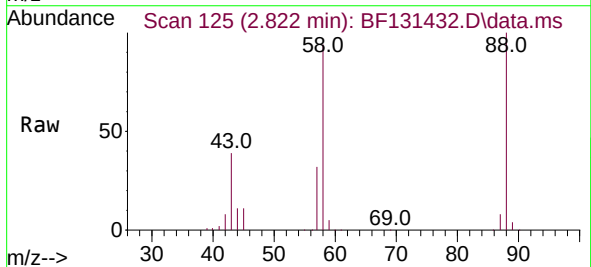
Instrument :
 BNA_F
 ClientSampleId :
 CR-5MS

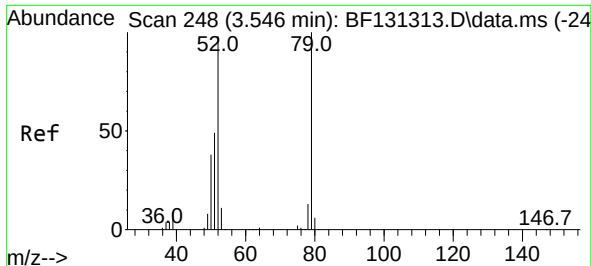
Tgt Ion:152 Resp: 81739
 Ion Ratio Lower Upper
 152 100
 150 145.8 117.8 176.8
 115 64.5 47.1 70.7



#2
 1,4-Dioxane
 Concen: 42.993 ng
 RT: 2.822 min Scan# 125
 Delta R.T. 0.065 min
 Lab File: BF131432.D
 Acq: 28 Nov 2022 16:37

Tgt Ion: 88 Resp: 88028
 Ion Ratio Lower Upper
 88 100
 58 96.1 78.2 117.4
 43 40.9 31.6 47.4





#3

Pyridine

Concen: 39.740 ng

RT: 3.581 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

Instrument :

BNA_F

ClientSampleId :

CR-5MS

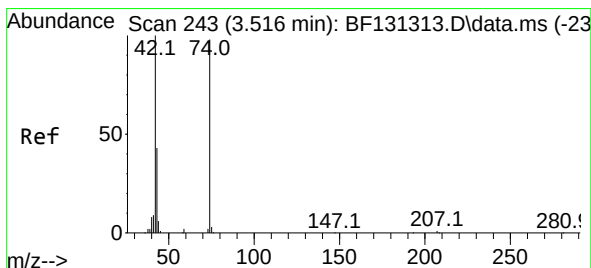
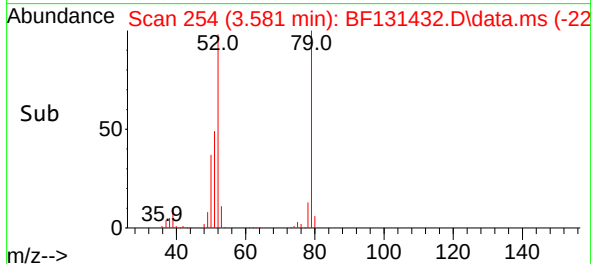
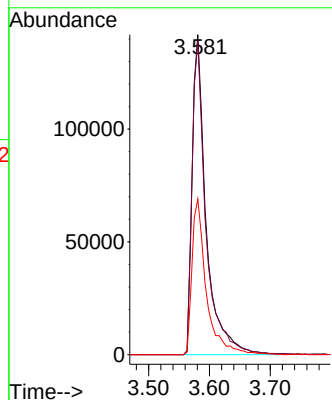
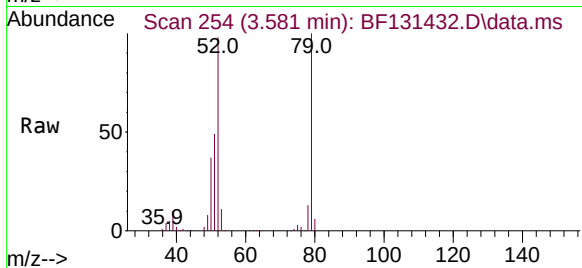
Tgt Ion: 79 Resp: 225939

Ion Ratio Lower Upper

79 100

52 98.0 78.7 118.1

51 48.6 39.3 58.9



#4

n-Nitrosodimethylamine

Concen: 46.794 ng

RT: 3.551 min Scan# 249

Delta R.T. 0.053 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

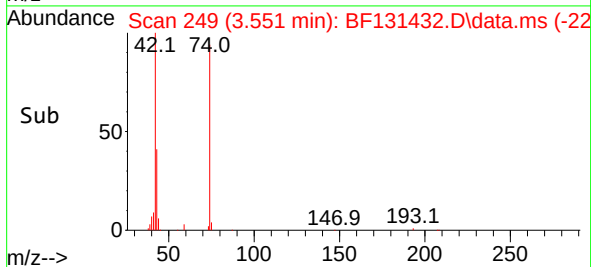
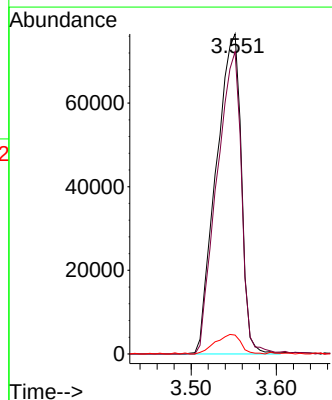
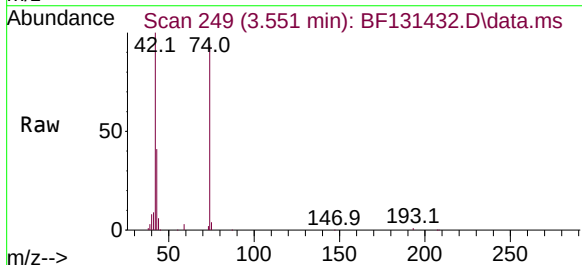
Tgt Ion: 42 Resp: 156891

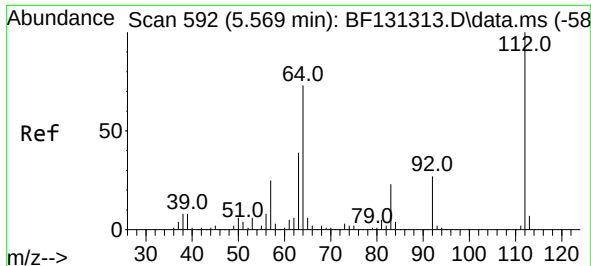
Ion Ratio Lower Upper

42 100

74 94.4 78.0 117.0

44 5.9 5.2 7.8

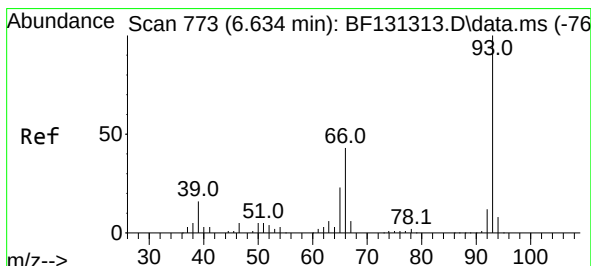
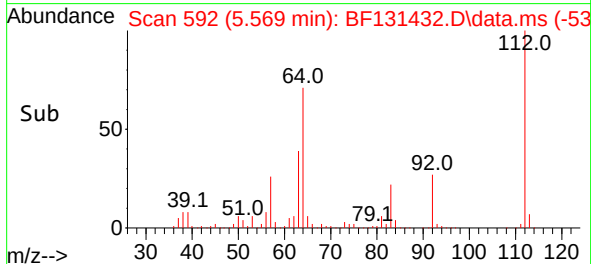
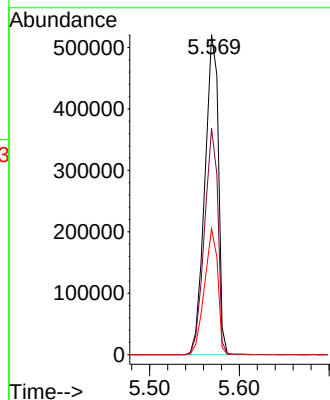
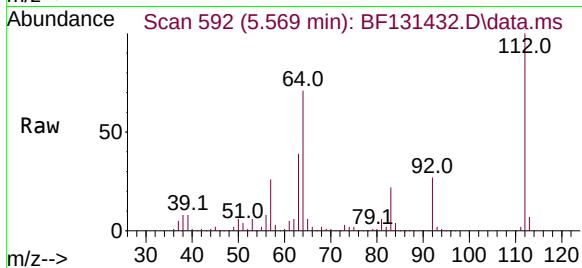




#5
2-Fluorophenol
Concen: 127.042 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.012 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

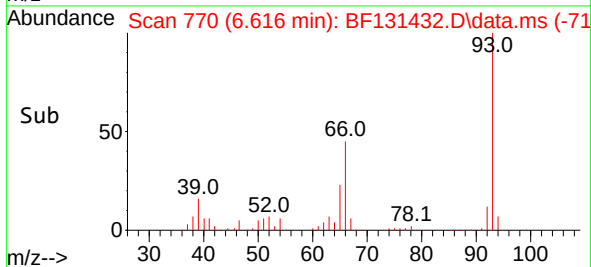
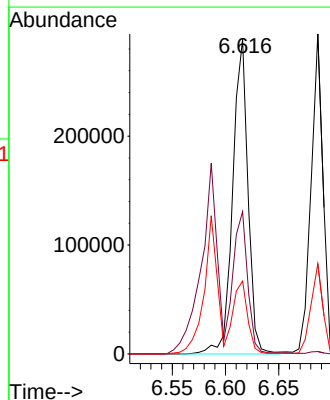
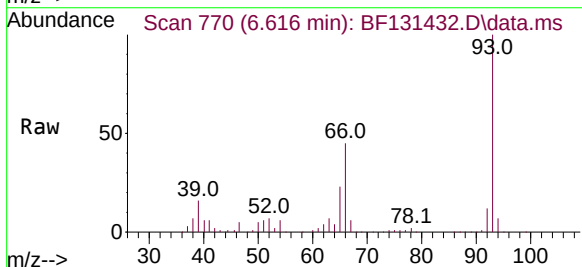
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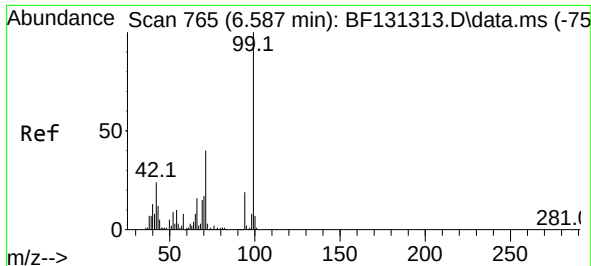
Tgt Ion:112 Resp: 545616
Ion Ratio Lower Upper
112 100
64 70.7 58.6 88.0
63 39.4 31.4 47.0



#6
Aniline
Concen: 40.242 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion: 93 Resp: 288991
Ion Ratio Lower Upper
93 100
66 45.2 35.6 53.4
65 23.2 18.4 27.6

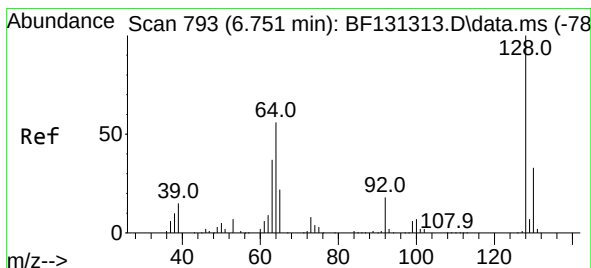
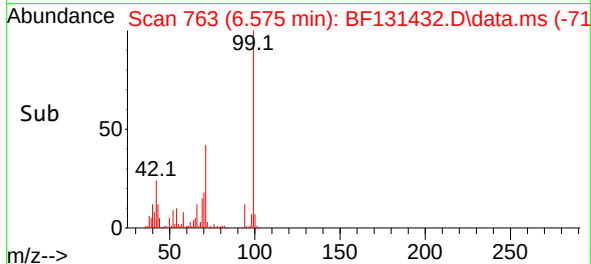
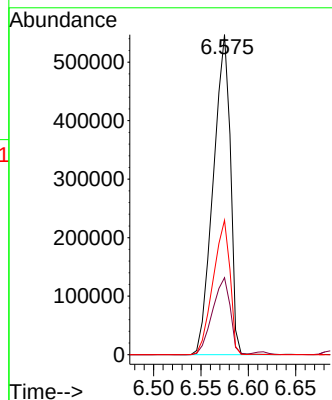
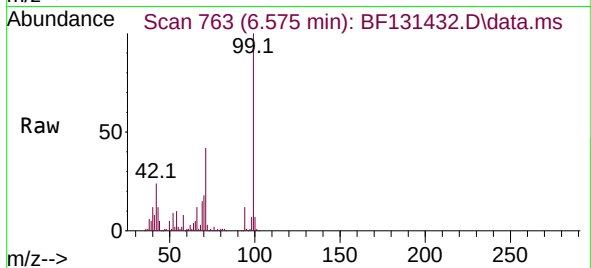




#7
Phenol-d6
Concen: 125.421 ng
RT: 6.575 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

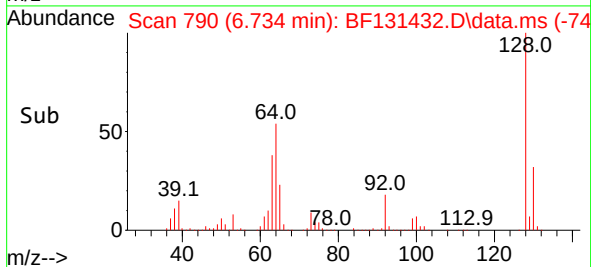
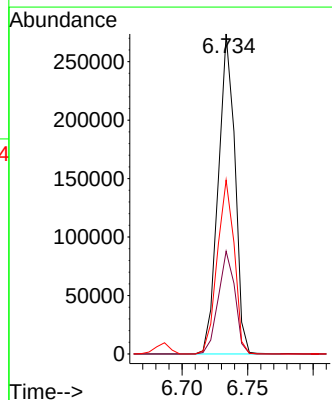
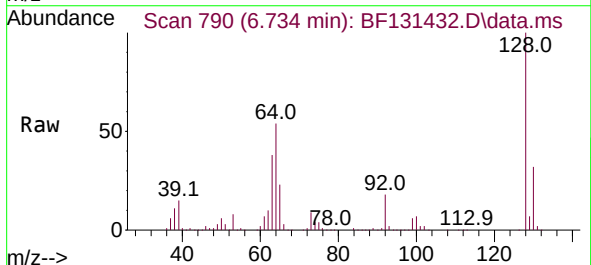
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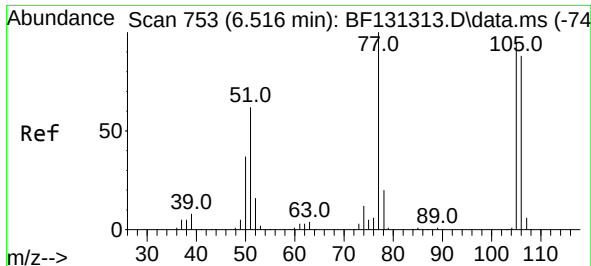
Tgt Ion: 99 Resp: 687265
Ion Ratio Lower Upper
99 100
42 24.0 19.4 29.2
71 42.0 32.3 48.5



#8
2-Chlorophenol
Concen: 49.685 ng
RT: 6.734 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion: 128 Resp: 241748
Ion Ratio Lower Upper
128 100
130 32.1 12.5 52.5
64 54.4 36.9 76.9

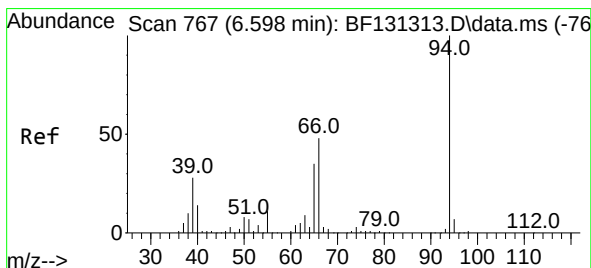
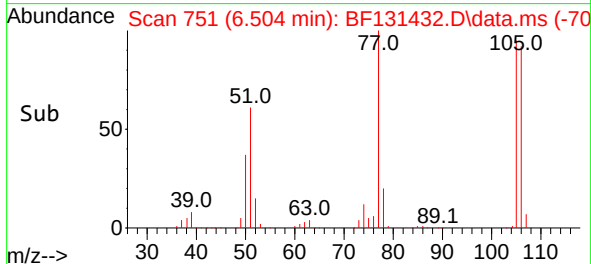
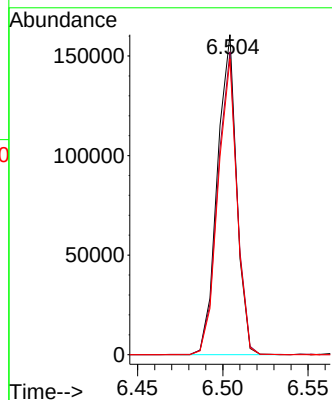
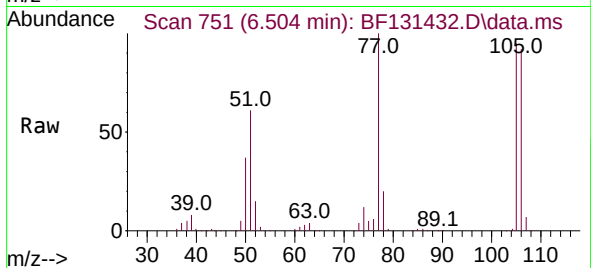




#9
Benzaldehyde
Concen: 36.819 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

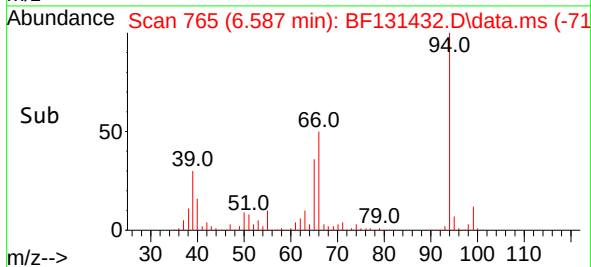
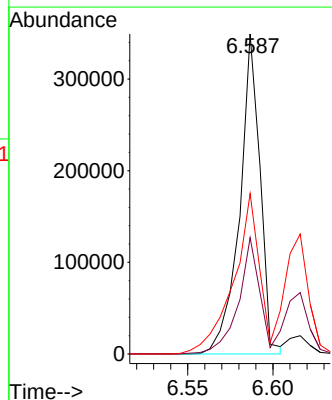
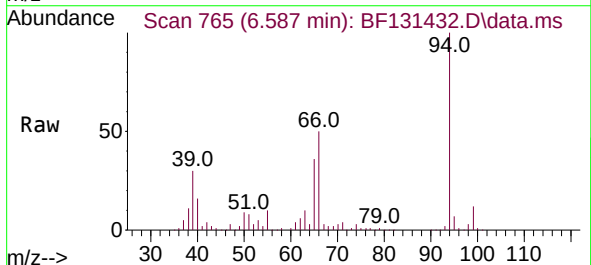
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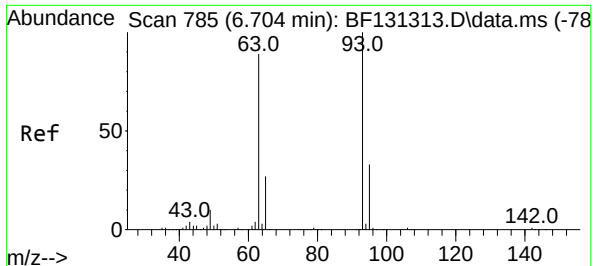
Tgt Ion: 77 Resp: 126397
Ion Ratio Lower Upper
77 100
105 94.7 74.5 114.5
106 92.5 68.1 108.1



#10
Phenol
Concen: 47.661 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF131432.D
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Tgt Ion: 94 Resp: 289563
Ion Ratio Lower Upper
94 100
65 36.4 15.0 55.0
66 50.1 28.6 68.6

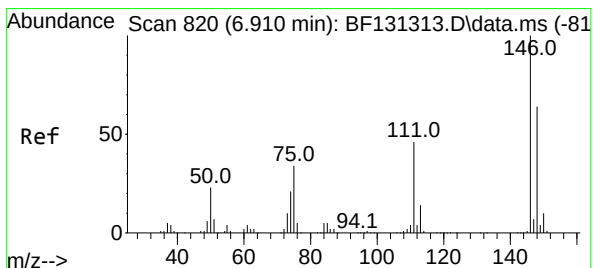
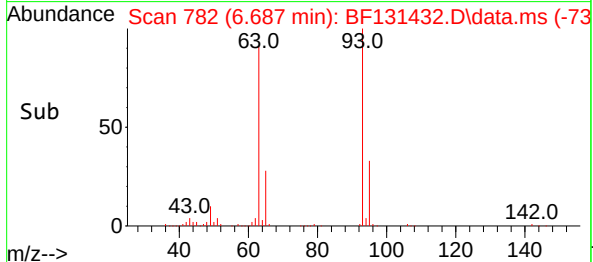
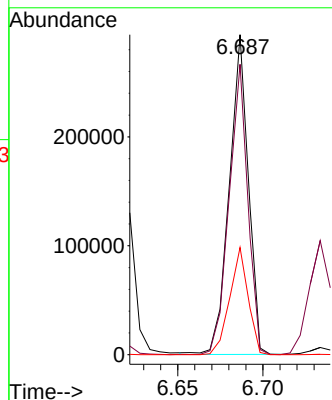
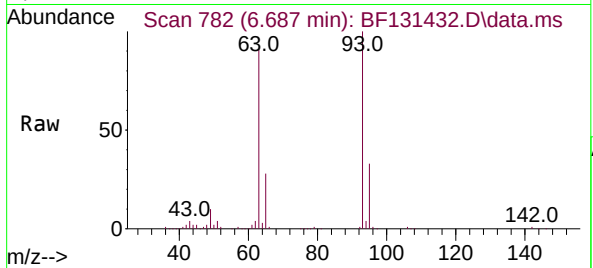




#11
bis(2-Chloroethyl)ether
Concen: 44.963 ng
RT: 6.687 min Scan# 785
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

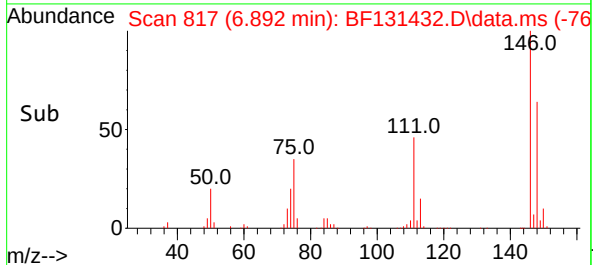
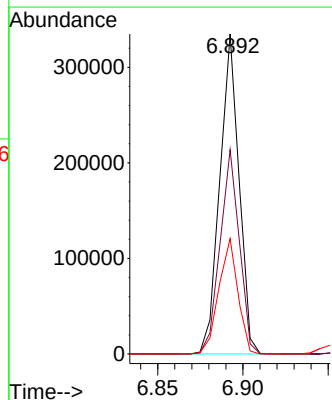
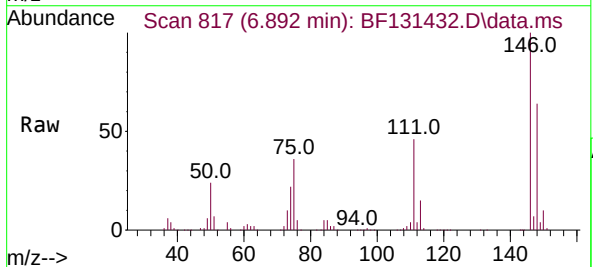
Instrument :
BNA_F
ClientSampleId :
CR-5MS

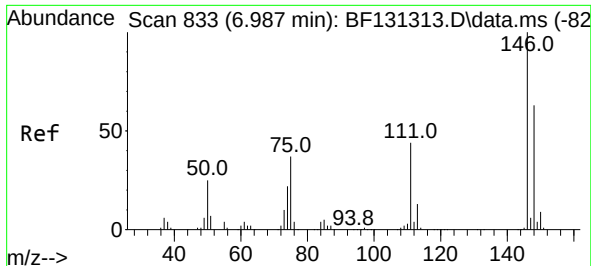
Tgt Ion: 93 Resp: 228873
Ion Ratio Lower Upper
93 100
63 90.8 68.6 108.6
95 33.5 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 45.306 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion: 146 Resp: 262725
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.2
75 36.0 27.6 41.4

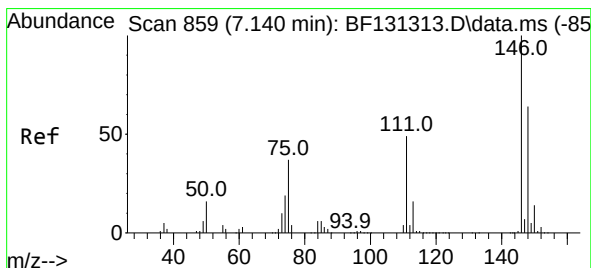
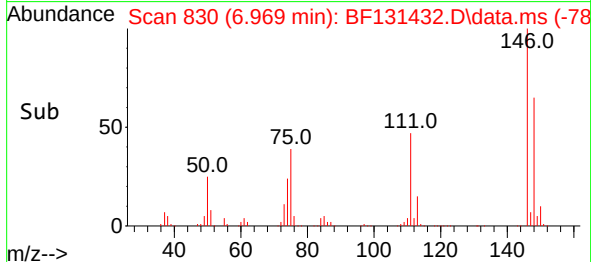
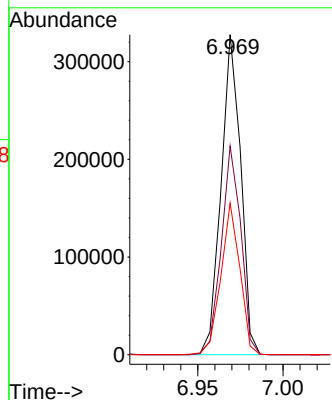
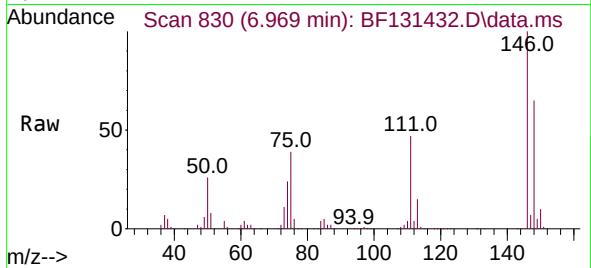




#13
1,4-Dichlorobenzene
Concen: 44.503 ng
RT: 6.969 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

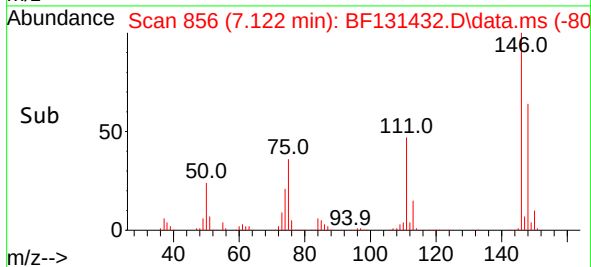
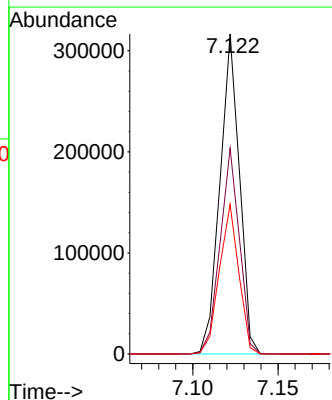
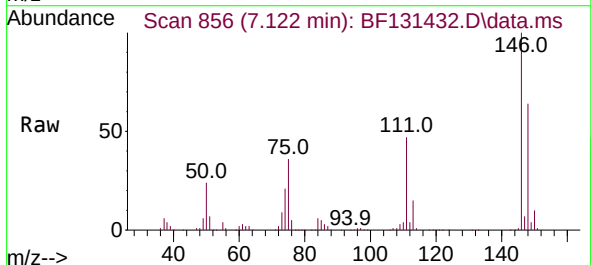
Instrument :
BNA_F
ClientSampleId :
CR-5MS

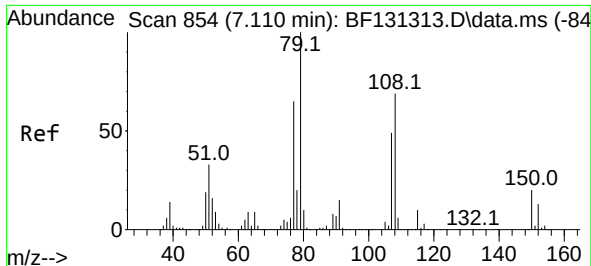
Tgt Ion:146 Resp: 262230
Ion Ratio Lower Upper
146 100
148 65.2 50.2 75.2
111 47.4 35.0 52.6



#14
1,2-Dichlorobenzene
Concen: 46.533 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion:146 Resp: 252461
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.0
111 46.7 39.4 59.0

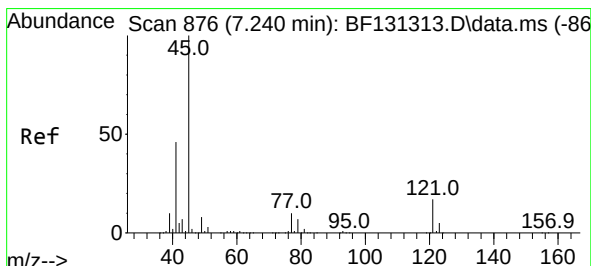
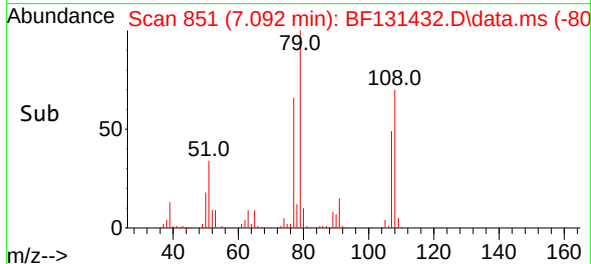
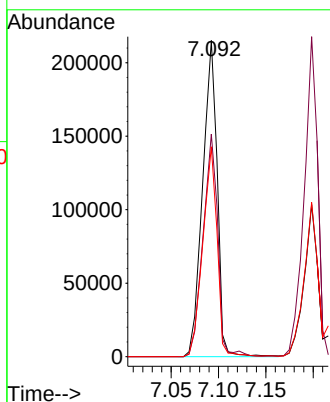
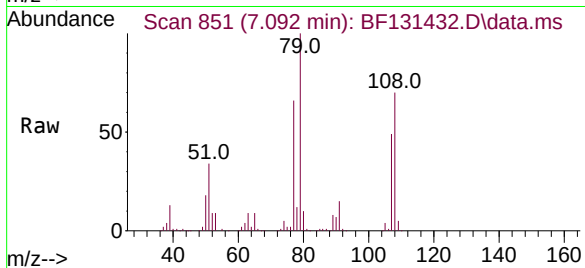




#15
Benzyl Alcohol
Concen: 51.001 ng
RT: 7.092 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

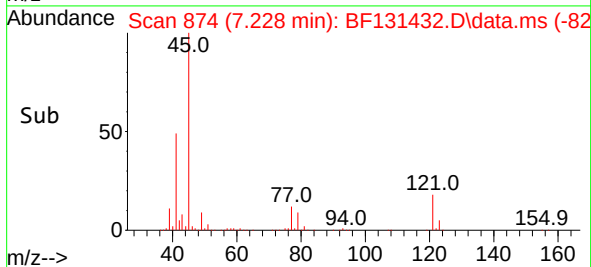
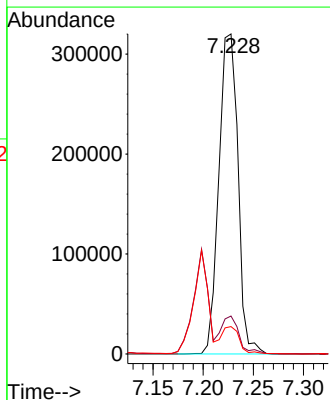
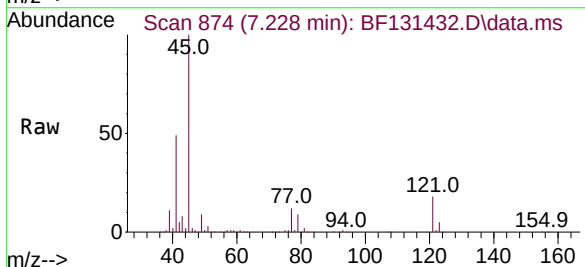
Instrument :
BNA_F
ClientSampleId :
CR-5MS

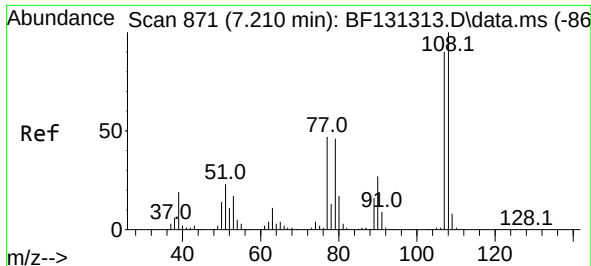
Tgt Ion: 79 Resp: 229146
Ion Ratio Lower Upper
79 100
108 70.4 55.1 82.7
77 66.4 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.415 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion: 45 Resp: 422637
Ion Ratio Lower Upper
45 100
77 11.9 0.0 31.2
79 8.5 0.0 28.4

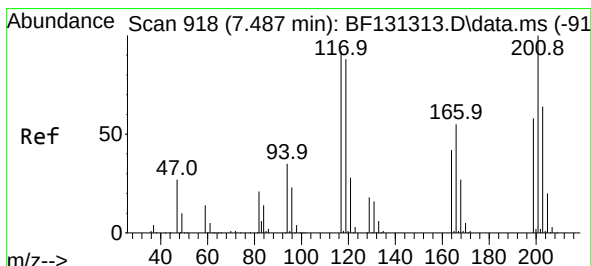
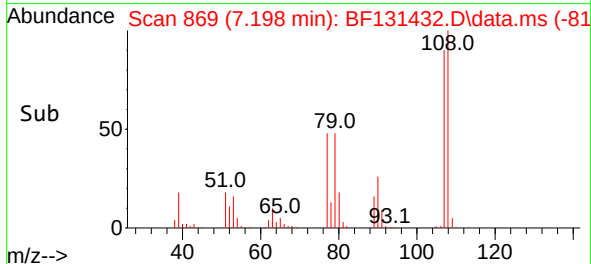
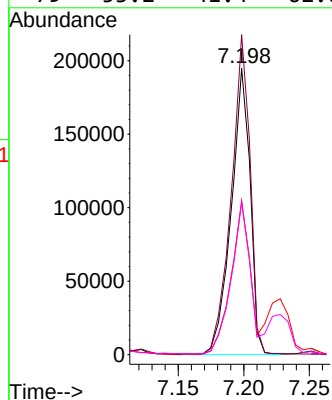
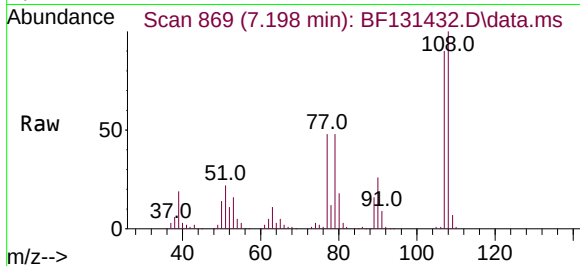




#17
2-Methylphenol
Concen: 47.047 ng
RT: 7.198 min Scan# 810
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

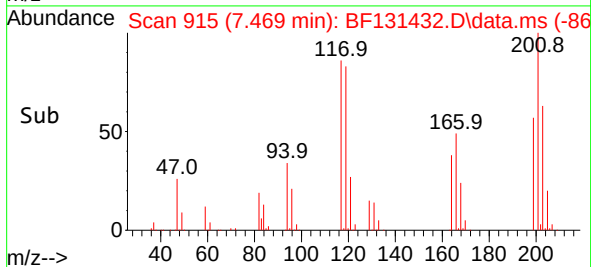
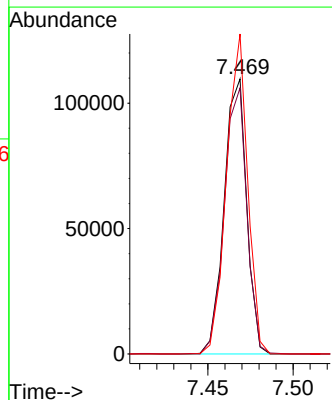
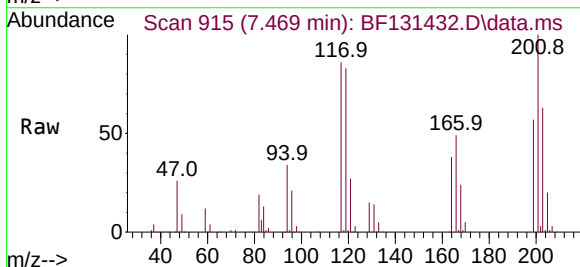
Instrument :
BNA_F
ClientSampleId :
CR-5MS

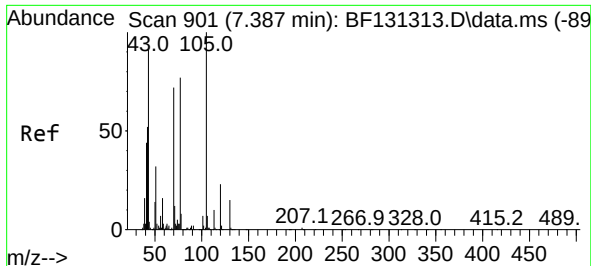
Tgt Ion:	107	Resp:	195105
Ion	Ratio	Lower	Upper
107	100		
108	111.7	89.0	133.6
77	53.9	42.5	63.7
79	53.2	41.4	62.0



#18
Hexachloroethane
Concen: 47.957 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion:	117	Resp:	101086
Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.6	115.0
201	116.4	87.0	130.6





#19

n-Nitroso-di-n-propylamine

Concen: 44.852 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.000 min

Lab File: BF131432.D

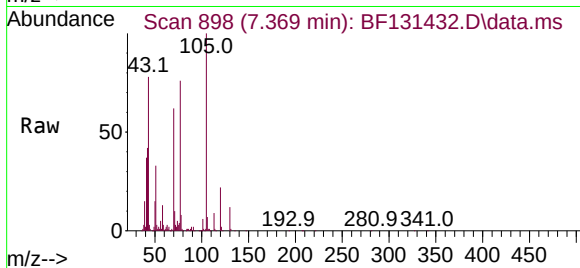
Acq: 28 Nov 2022 16:37

Instrument :

BNA_F

ClientSampleId :

CR-5MS



Tgt Ion: 70 Resp: 179919

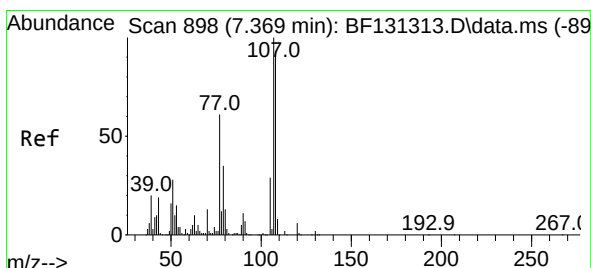
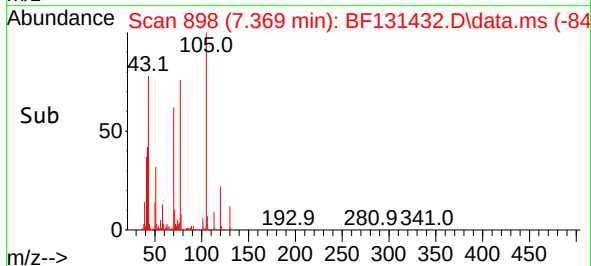
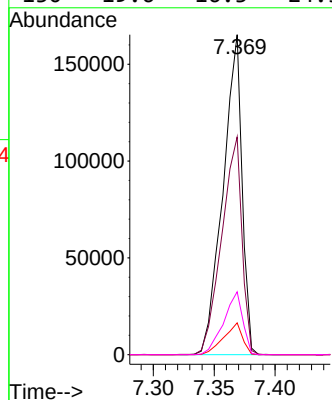
Ion Ratio Lower Upper

70 100

42 68.1 57.6 86.4

101 10.0 8.2 12.2

130 19.6 16.3 24.5



#20

3+4-Methylphenols

Concen: 45.683 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

Tgt Ion: 107 Resp: 241894

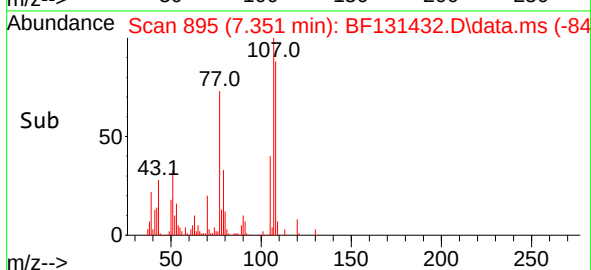
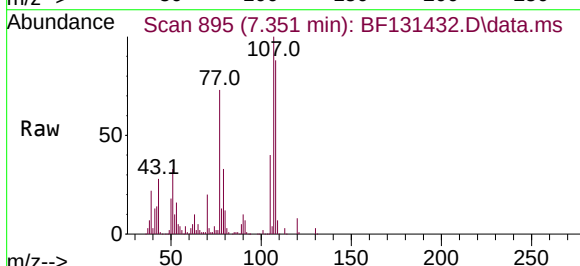
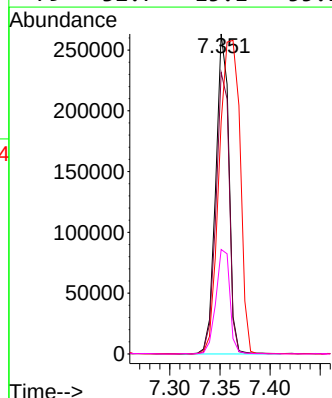
Ion Ratio Lower Upper

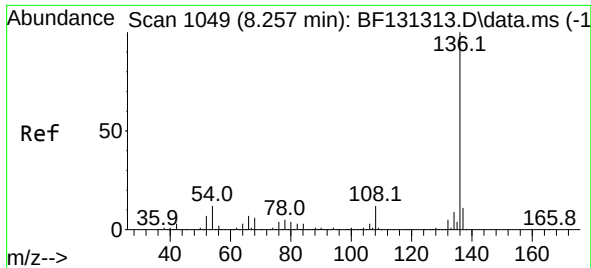
107 100

108 87.9 72.6 112.6

77 72.6 41.4 81.4

79 32.7 15.1 55.1



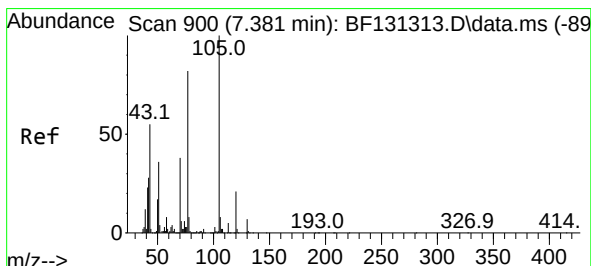
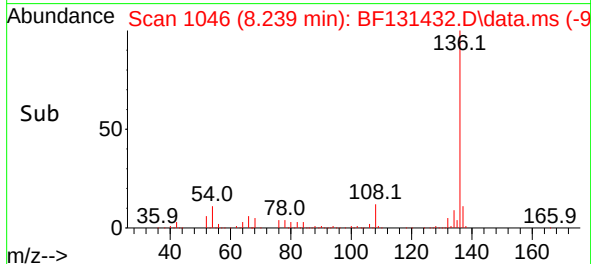
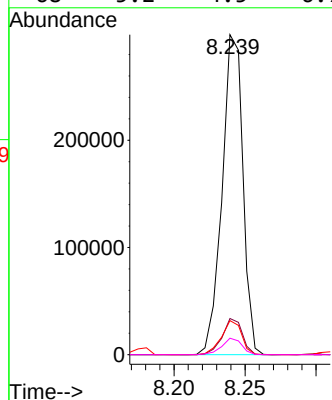
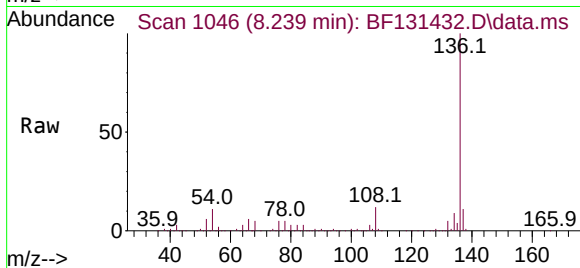


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Instrument :
BNA_F
ClientSampleId :
CR-5MS

Tgt Ion:136 Resp: 303780

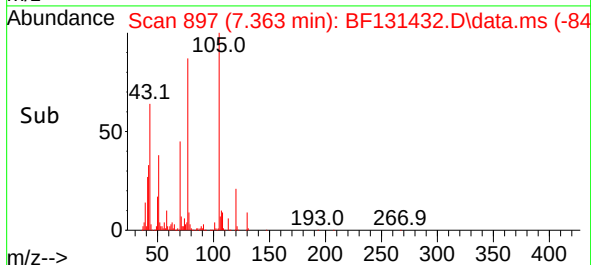
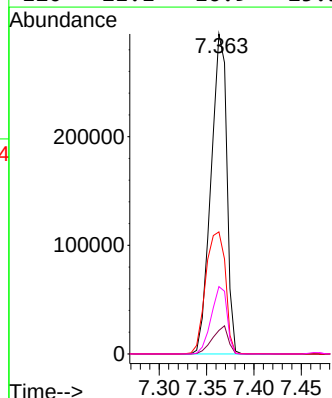
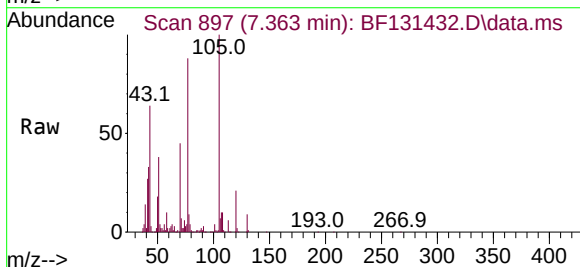
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	10.6	9.4	14.0
68	5.2	4.5	6.7

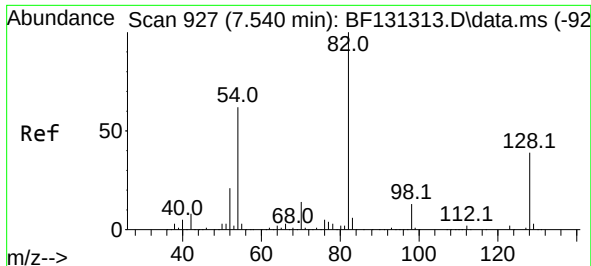


#22
Acetophenone
Concen: 44.383 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion:105 Resp: 343194

Ion	Ratio	Lower	Upper
105	100		
71	7.4	4.9	7.3#
51	38.2	29.0	43.4
120	21.1	16.9	25.3

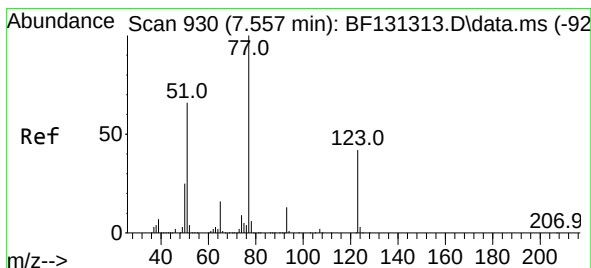
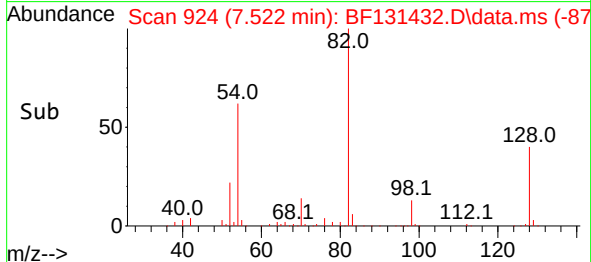
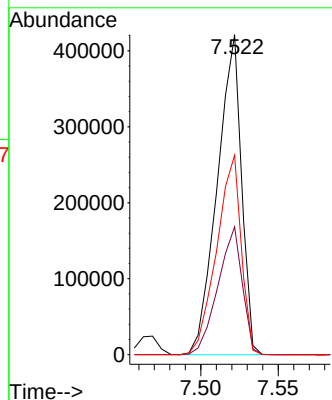
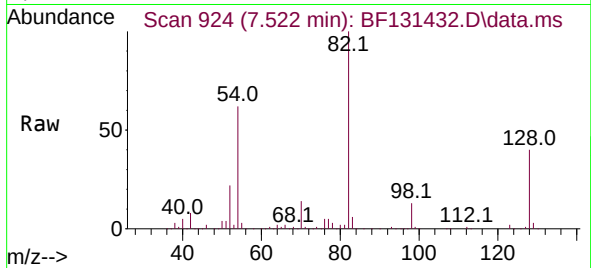




#23
Nitrobenzene-d5
Concen: 75.799 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

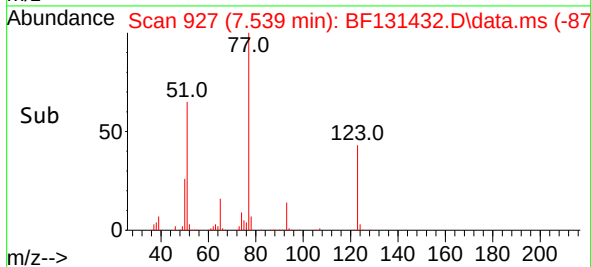
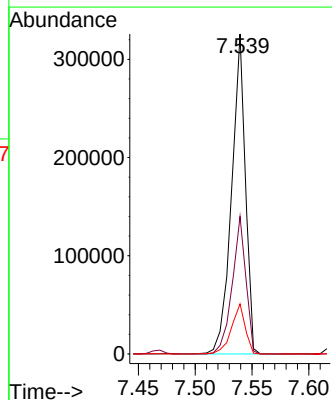
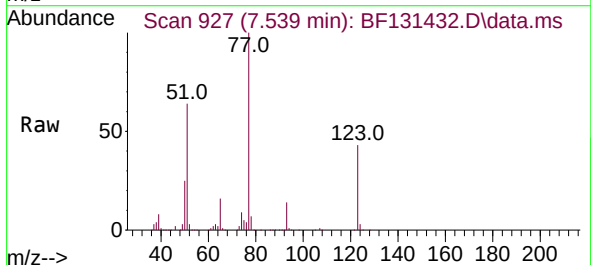
Instrument :
BNA_F
ClientSampleId :
CR-5MS

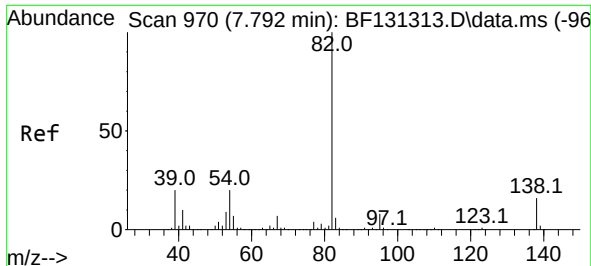
Tgt Ion: 82 Resp: 456792
Ion Ratio Lower Upper
82 100
128 40.0 31.4 47.0
54 62.4 49.8 74.6



#24
Nitrobenzene
Concen: 43.827 ng
RT: 7.539 min Scan# 927
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion: 77 Resp: 275181
Ion Ratio Lower Upper
77 100
123 43.0 33.3 49.9
65 15.7 12.7 19.1

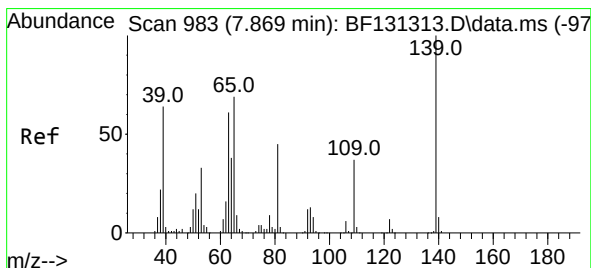
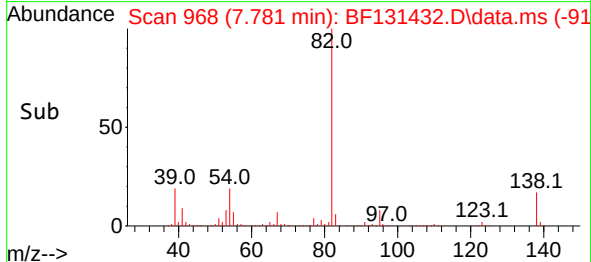
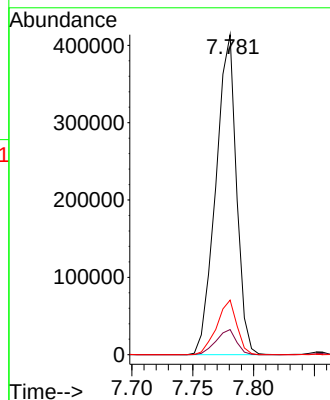
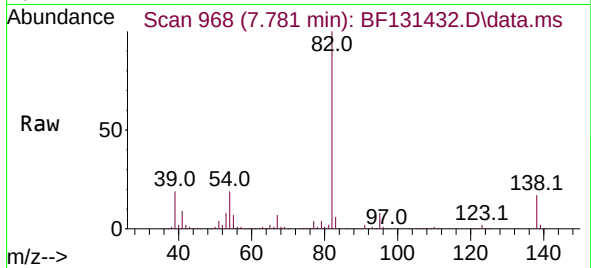




#25
Isophorone
Concen: 45.352 ng
RT: 7.781 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

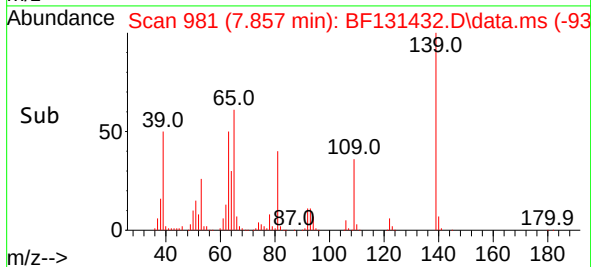
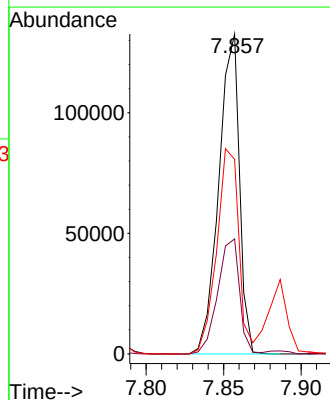
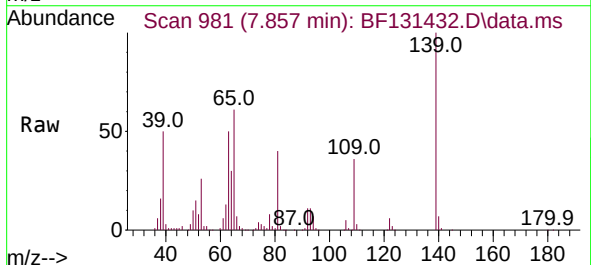
Instrument :
BNA_F
ClientSampleId :
CR-5MS

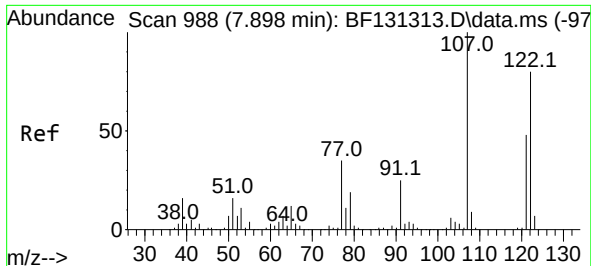
Tgt Ion: 82 Resp: 487608
Ion Ratio Lower Upper
82 100
95 7.9 6.2 9.2
138 17.0 12.7 19.1



#26
2-Nitrophenol
Concen: 58.386 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion: 139 Resp: 122893
Ion Ratio Lower Upper
139 100
109 35.9 29.9 44.9
65 60.8 55.7 83.5





#27

2,4-Dimethylphenol

Concen: 51.200 ng

RT: 7.886 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

Instrument :

BNA_F

ClientSampleId :

CR-5MS

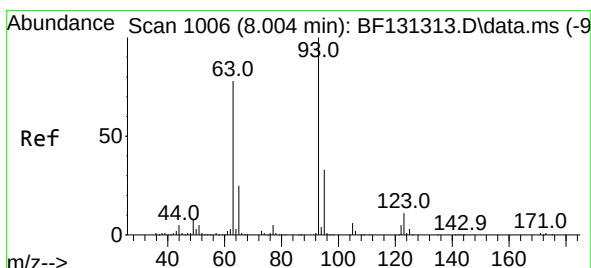
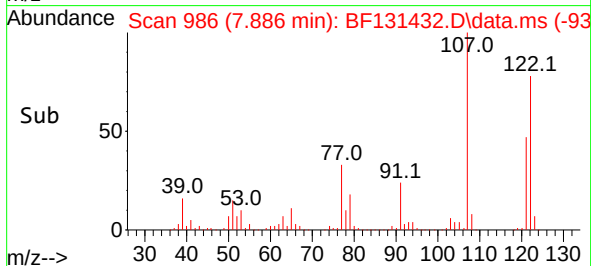
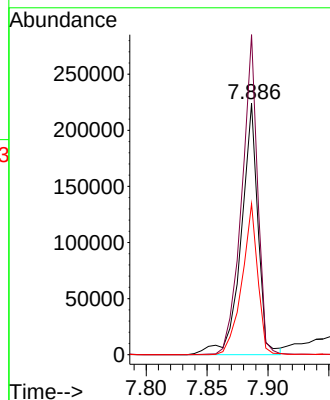
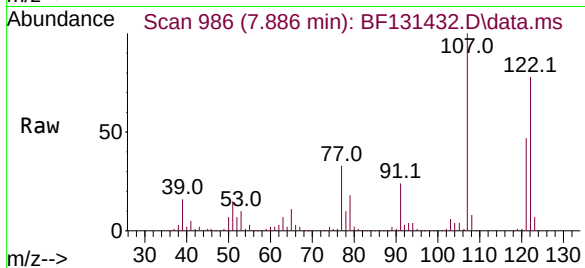
Tgt Ion:122 Resp: 213404

Ion Ratio Lower Upper

122 100

107 127.4 99.9 149.9

121 60.1 47.4 71.2



#28

bis(2-Chloroethoxy)methane

Concen: 45.989 ng

RT: 7.986 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

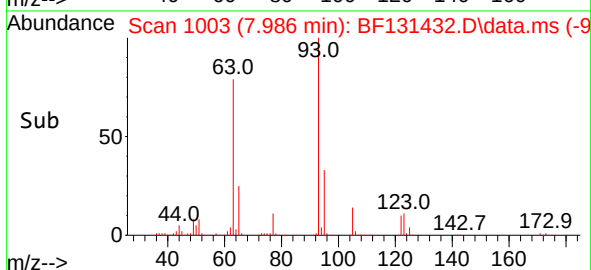
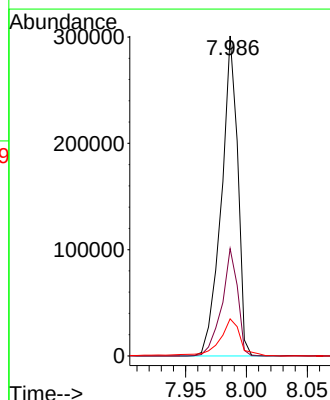
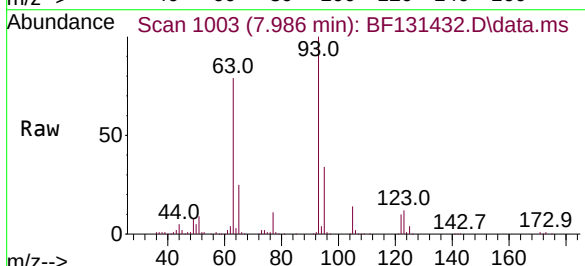
Tgt Ion: 93 Resp: 280841

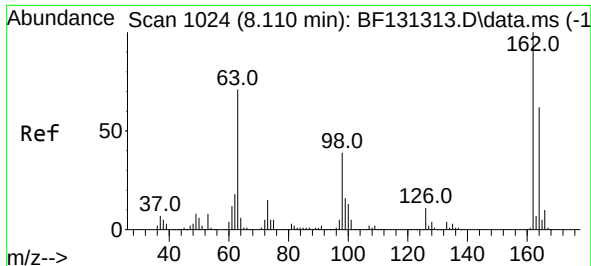
Ion Ratio Lower Upper

93 100

95 33.5 26.4 39.6

123 11.6 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 46.001 ng

RT: 8.092 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

Instrument :

BNA_F

ClientSampleId :

CR-5MS

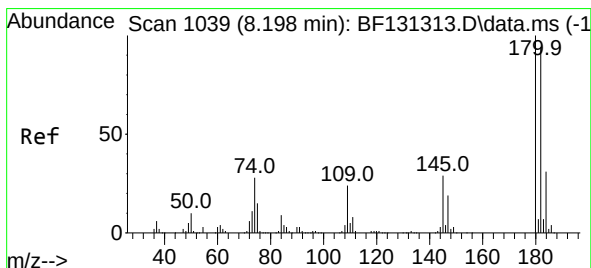
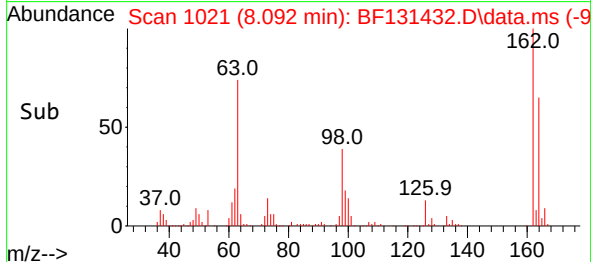
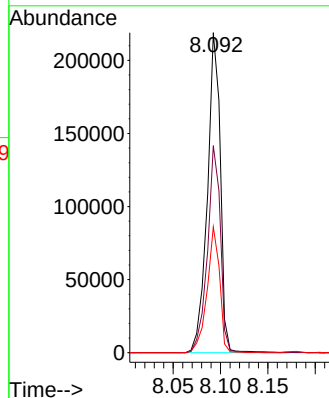
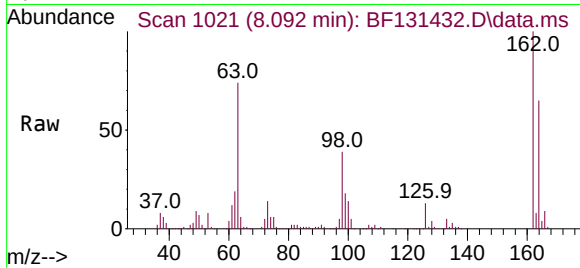
Tgt Ion:162 Resp: 207974

Ion Ratio Lower Upper

162 100

164 64.7 42.2 82.2

98 39.3 18.8 58.8



#30

1,2,4-Trichlorobenzene

Concen: 43.188 ng

RT: 8.181 min Scan# 1036

Delta R.T. -0.000 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

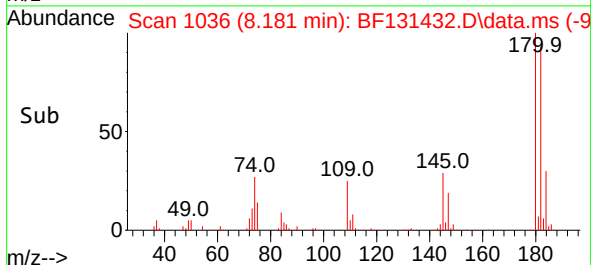
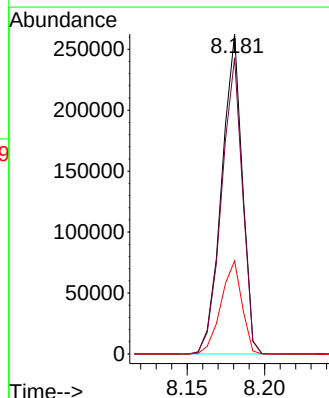
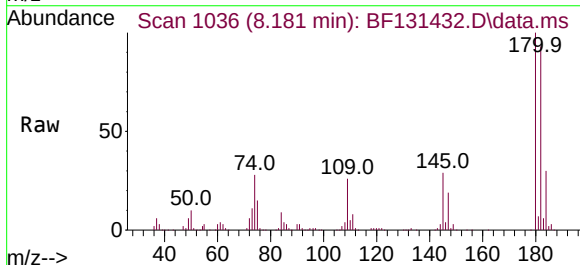
Tgt Ion:180 Resp: 241886

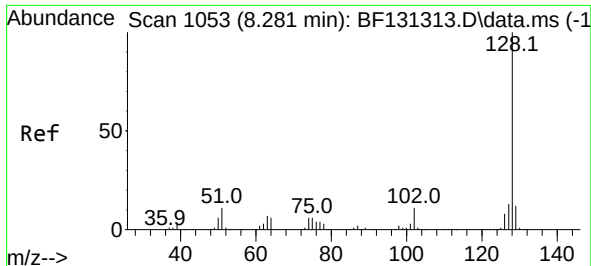
Ion Ratio Lower Upper

180 100

182 92.6 75.3 112.9

145 29.1 23.4 35.0

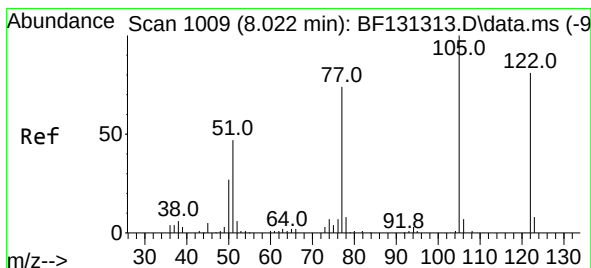
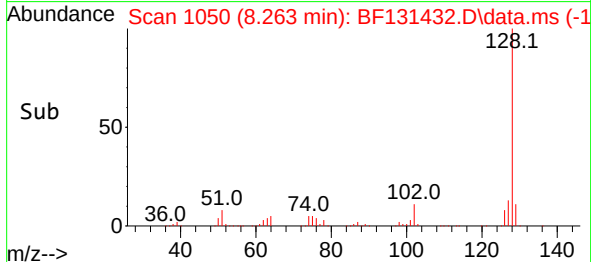
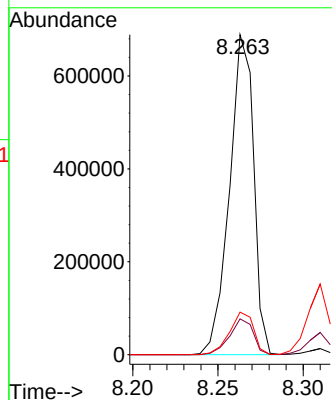
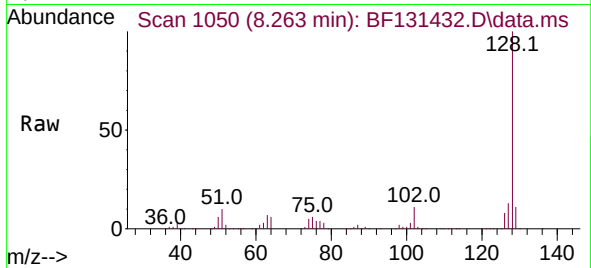




#31
Naphthalene
Concen: 42.042 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

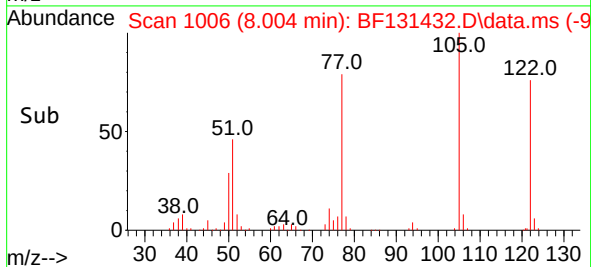
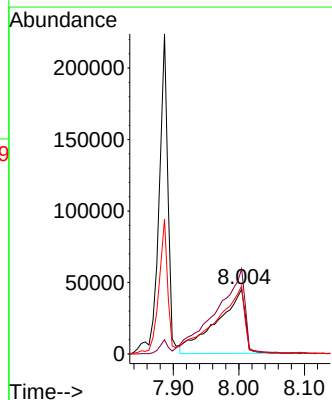
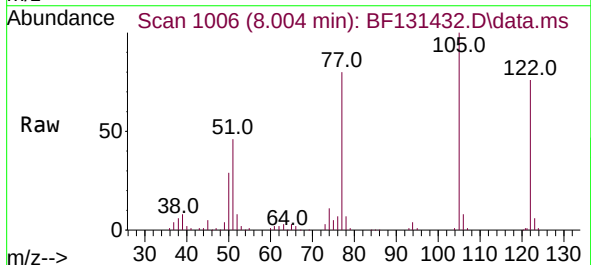
Instrument :
BNA_F
ClientSampleId :
CR-5MS

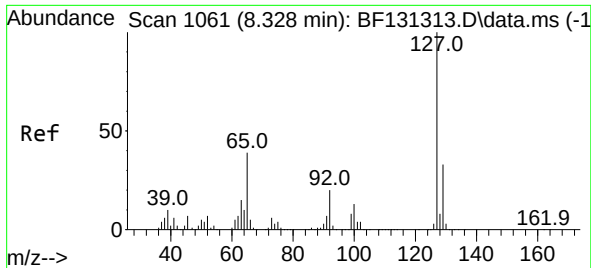
Tgt Ion:128 Resp: 680594
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 50.698 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion:122 Resp: 134751
Ion Ratio Lower Upper
122 100
105 131.6 103.8 143.8
77 105.1 74.3 114.3

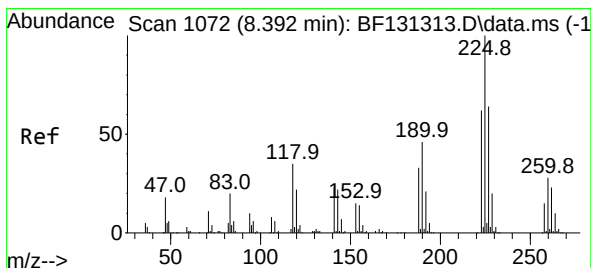
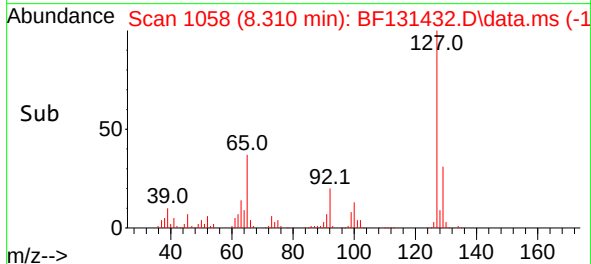
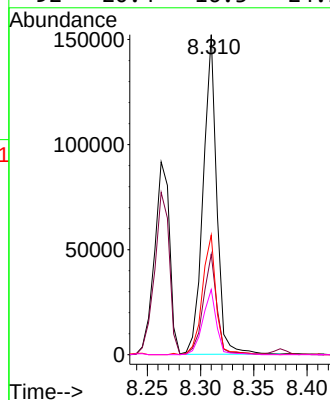
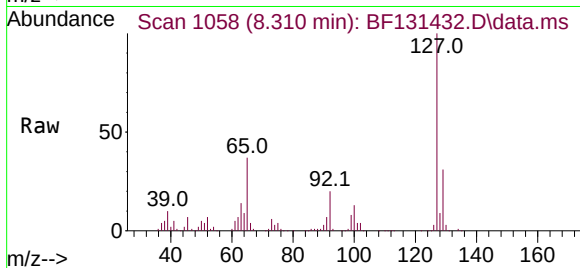




#33
4-Chloroaniline
Concen: 21.121 ng
RT: 8.310 min Scan# 1058
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

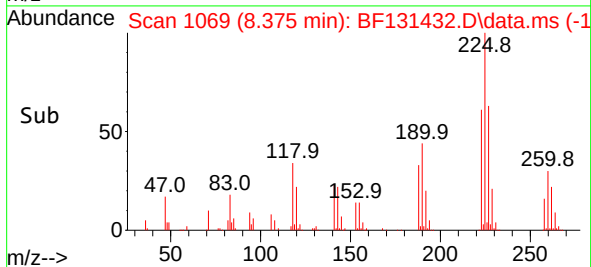
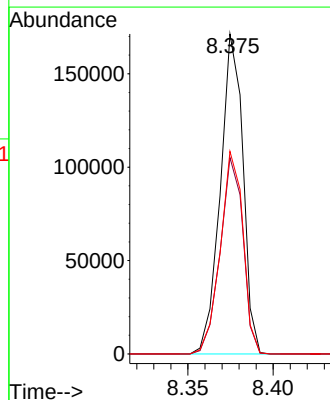
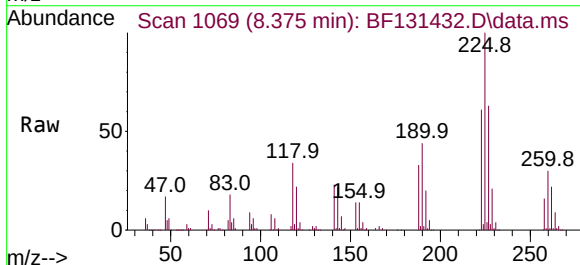
Instrument :
BNA_F
ClientSampleId :
CR-5MS

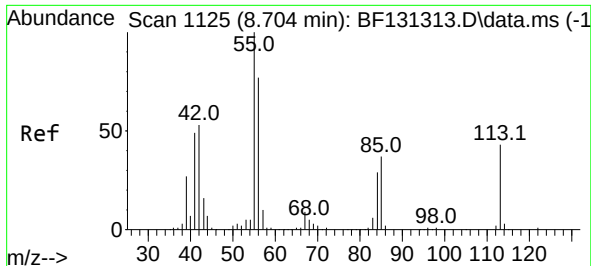
Tgt Ion:	127	Resp:	134886
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.4	39.6
65	37.3	31.0	46.6
92	20.4	16.3	24.5



#34
Hexachlorobutadiene
Concen: 43.554 ng
RT: 8.375 min Scan# 1069
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion:	225	Resp:	157956
Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.4	74.0
227	63.3	51.1	76.7

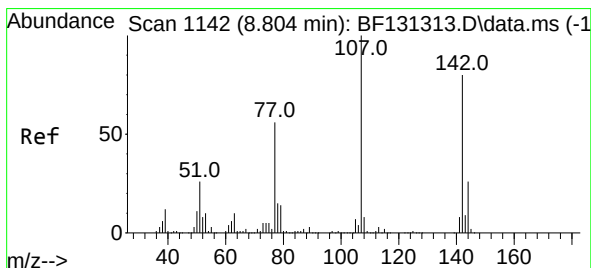
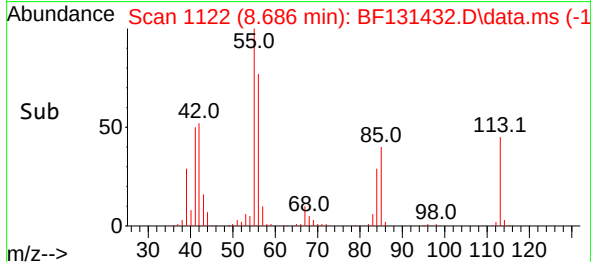
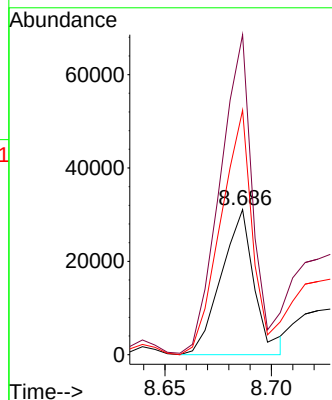
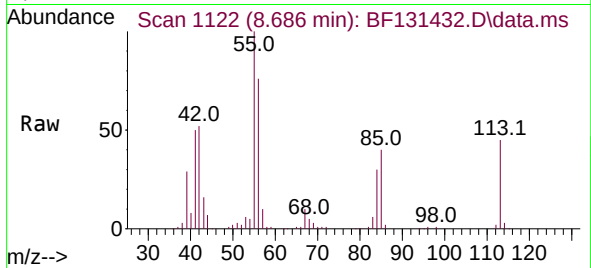




#35
 Caprolactam
 Concen: 28.384 ng
 RT: 8.686 min Scan# 1125
 Delta R.T. -0.012 min
 Lab File: BF131432.D
 Acq: 28 Nov 2022 16:37

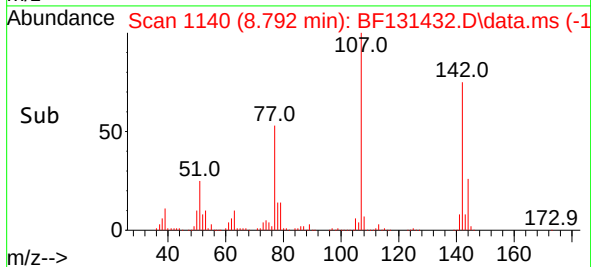
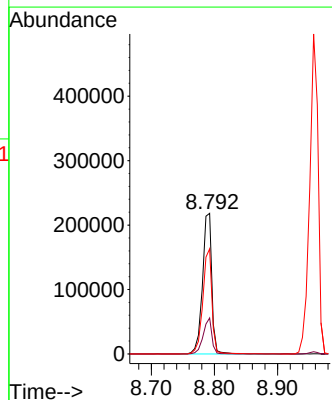
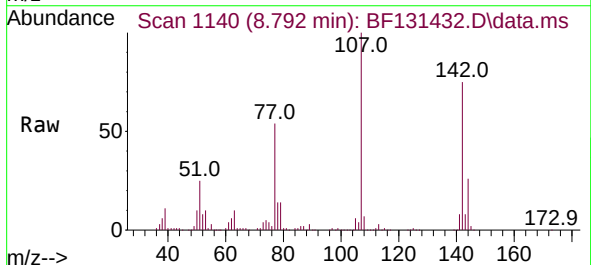
Instrument :
 BNA_F
 ClientSampleId :
 CR-5MS

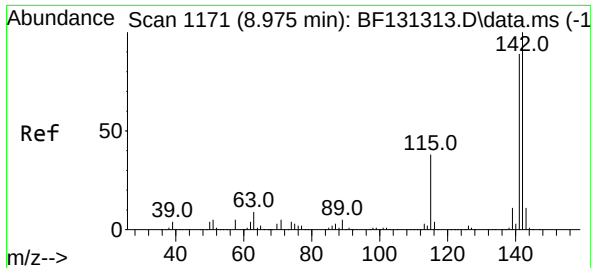
Tgt Ion:113 Resp: 33722
 Ion Ratio Lower Upper
 113 100
 55 220.5 214.5 254.5
 56 168.5 159.4 199.4



#36
 4-Chloro-3-methylphenol
 Concen: 47.644 ng
 RT: 8.792 min Scan# 1140
 Delta R.T. -0.000 min
 Lab File: BF131432.D
 Acq: 28 Nov 2022 16:37

Tgt Ion:107 Resp: 223787
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.9 31.3
 142 74.8 63.9 95.9

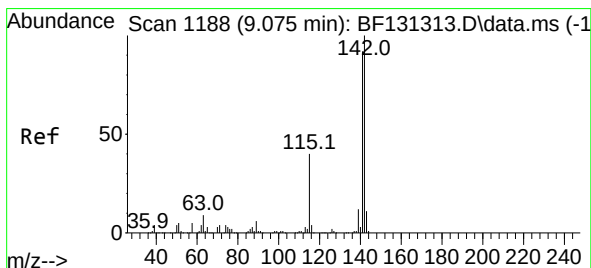
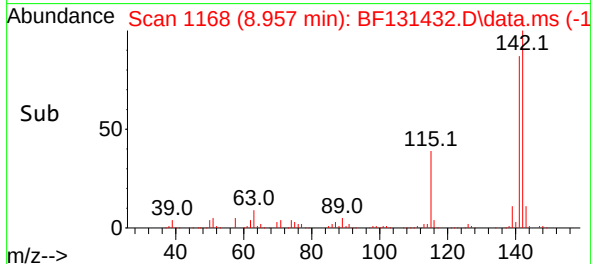
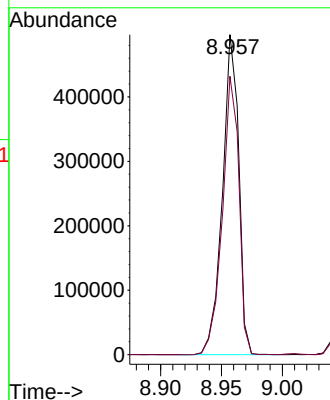
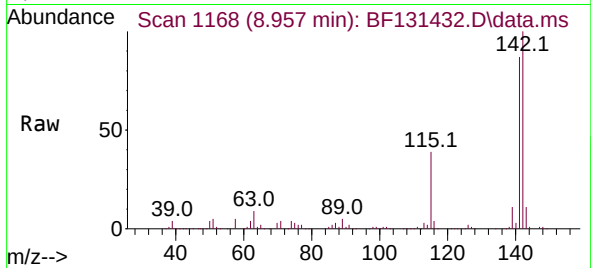




#37
2-Methylnaphthalene
Concen: 42.169 ng
RT: 8.957 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

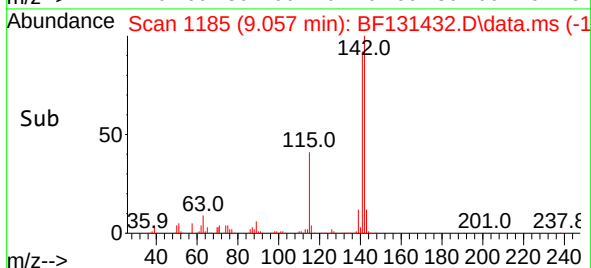
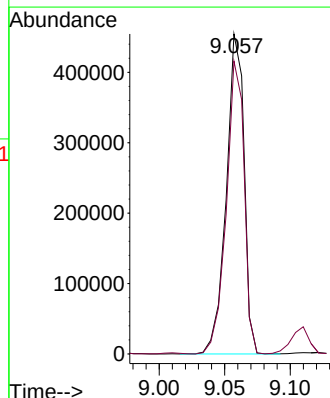
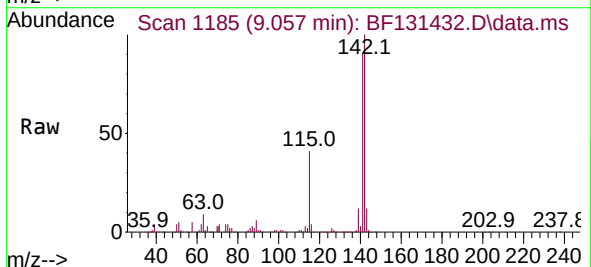
Instrument :
BNA_F
ClientSampleId :
CR-5MS

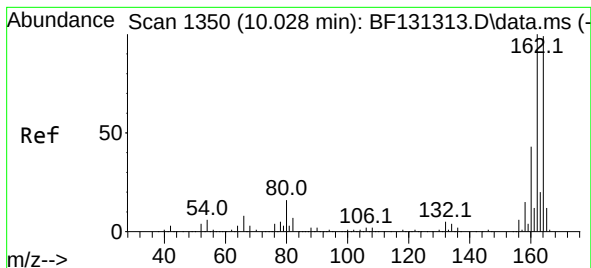
Tgt Ion:142 Resp: 462531
Ion Ratio Lower Upper
142 100
141 87.0 71.0 106.4



#38
1-Methylnaphthalene
Concen: 40.349 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion:142 Resp: 429162
Ion Ratio Lower Upper
142 100
141 91.5 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

Instrument :

BNA_F

ClientSampleId :

CR-5MS

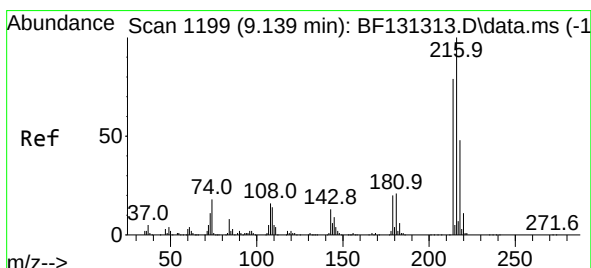
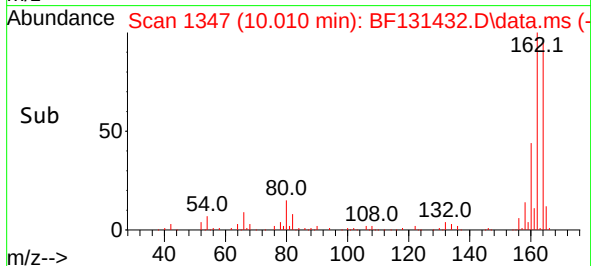
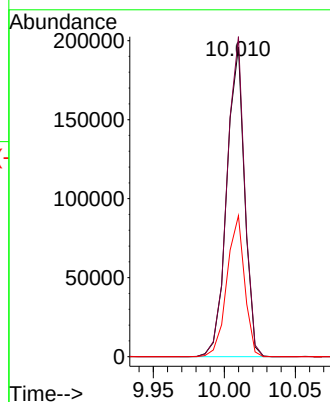
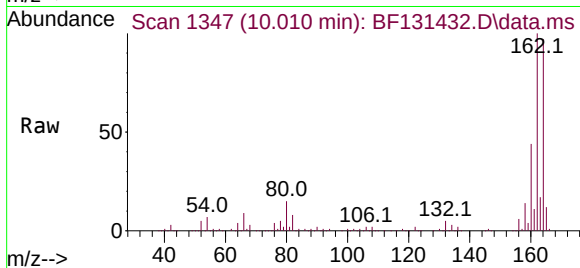
Tgt Ion:164 Resp: 170912

Ion Ratio Lower Upper

164 100

162 103.3 80.6 120.8

160 45.5 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.895 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

Tgt Ion:216 Resp: 243455

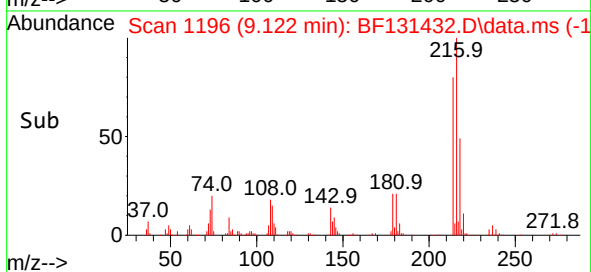
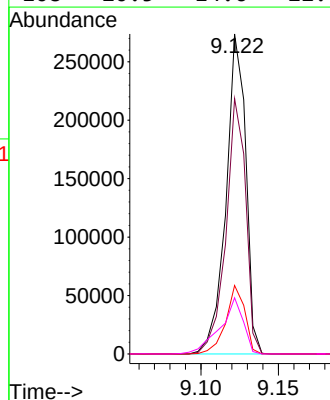
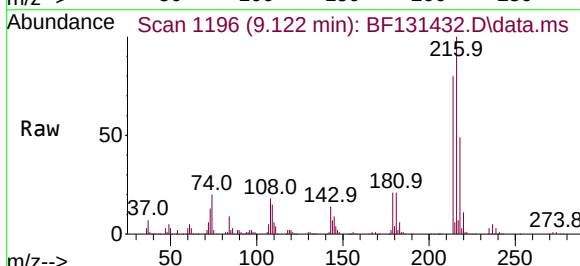
Ion Ratio Lower Upper

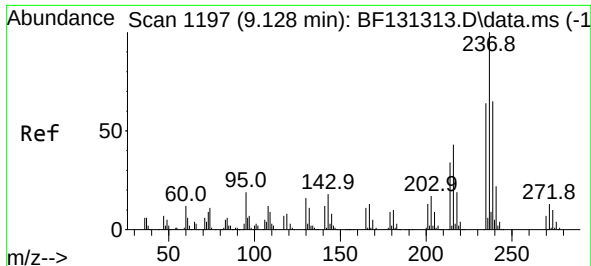
216 100

214 79.1 63.1 94.7

179 20.6 16.2 24.4

108 20.5 14.6 22.0

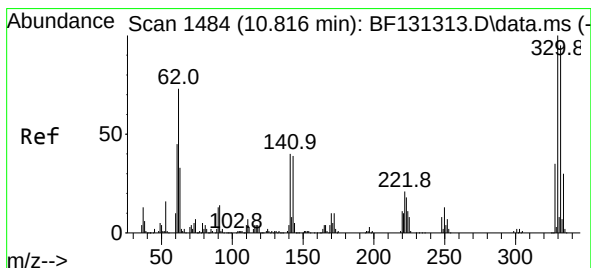
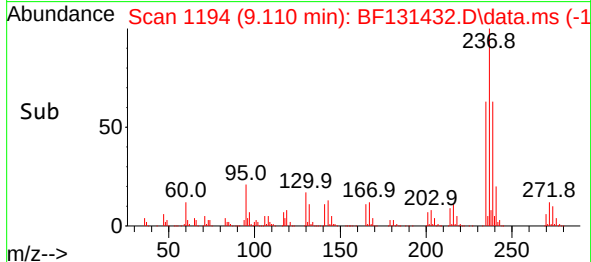
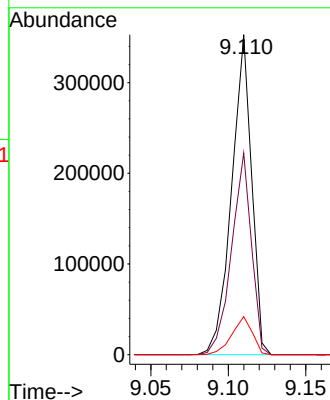
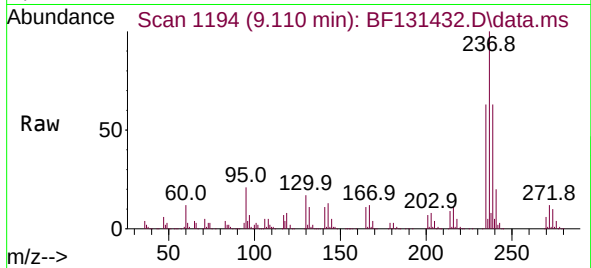




#41
Hexachlorocyclopentadiene
Concen: 126.668 ng
RT: 9.110 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

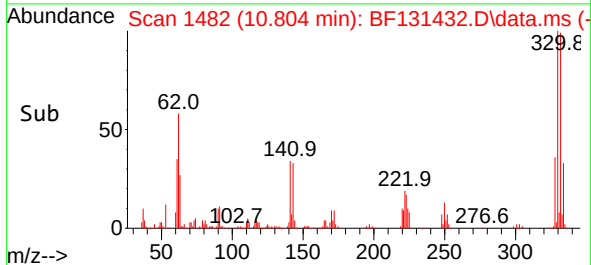
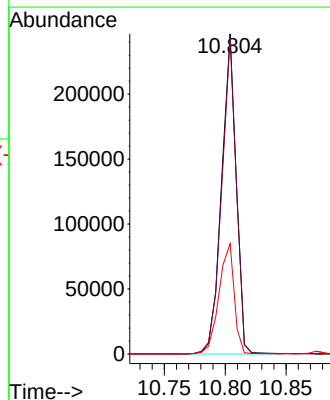
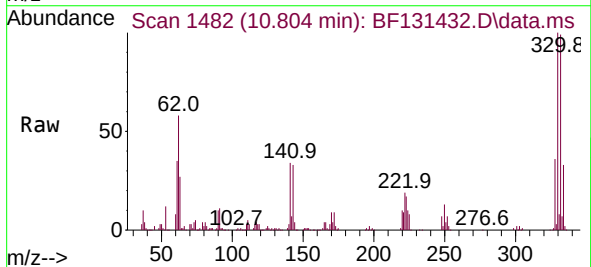
Instrument :
BNA_F
ClientSampleId :
CR-5MS

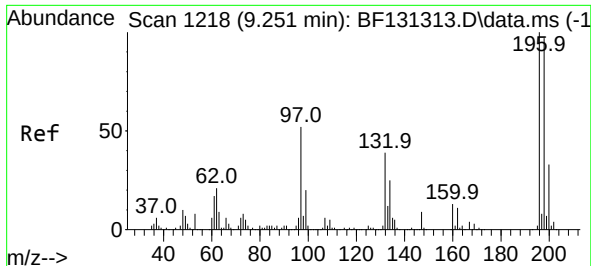
Tgt Ion:237 Resp: 315824
Ion Ratio Lower Upper
237 100
235 63.1 44.2 84.2
272 11.9 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 143.750 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion:330 Resp: 206698
Ion Ratio Lower Upper
330 100
332 98.2 77.5 116.3
141 35.9 29.3 43.9

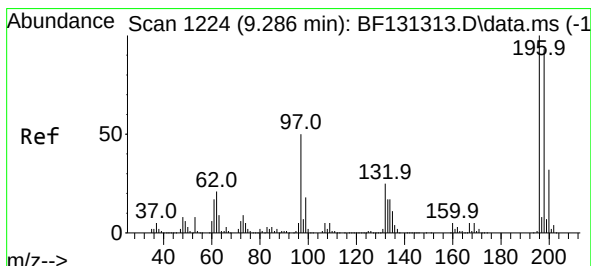
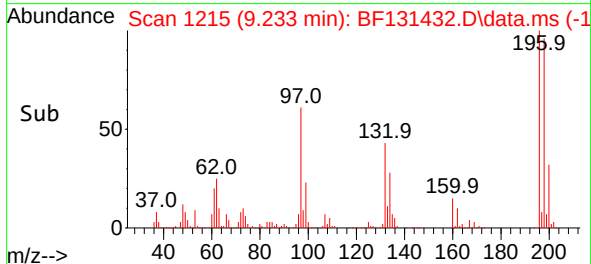
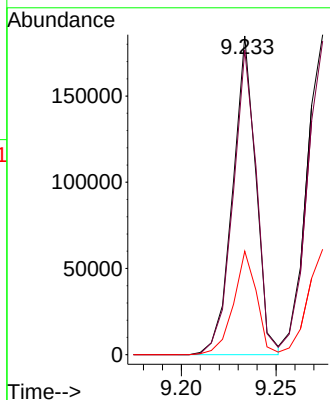
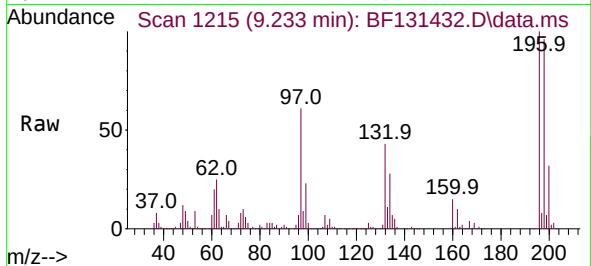




#43
2,4,6-Trichlorophenol
Concen: 49.840 ng
RT: 9.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

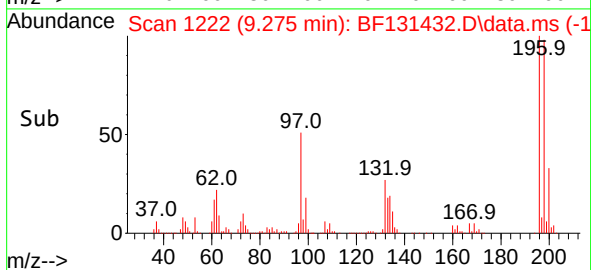
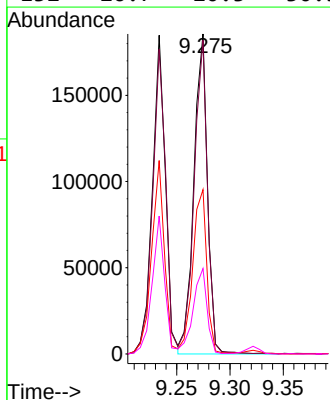
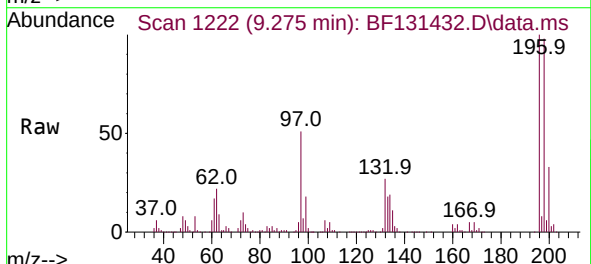
Instrument :
BNA_F
ClientSampleId :
CR-5MS

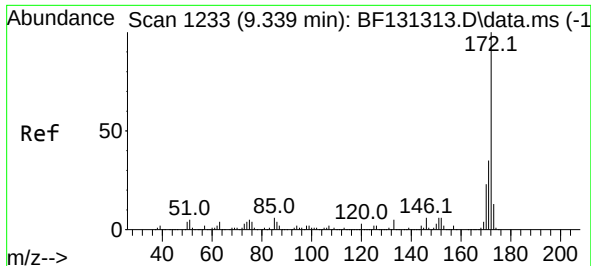
Tgt Ion:196 Resp: 156814
Ion Ratio Lower Upper
196 100
198 95.7 77.4 116.0
200 32.5 26.3 39.5



#44
2,4,5-Trichlorophenol
Concen: 46.781 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion:196 Resp: 165513
Ion Ratio Lower Upper
196 100
198 98.0 75.0 112.4
97 51.4 40.3 60.5
132 26.7 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 73.714 ng

RT: 9.322 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

Instrument :

BNA_F

ClientSampleId :

CR-5MS

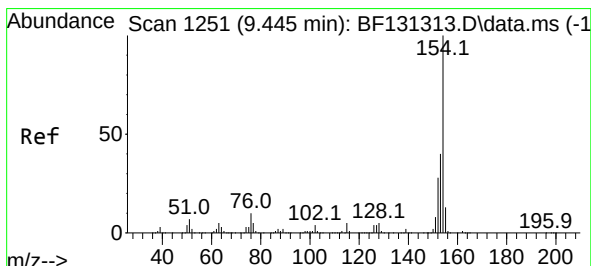
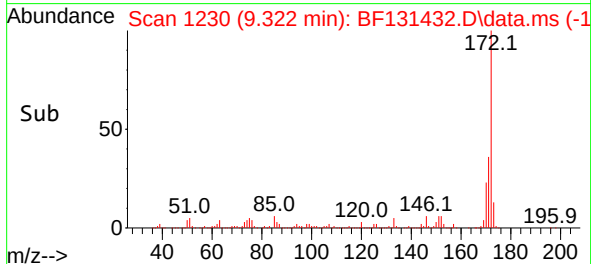
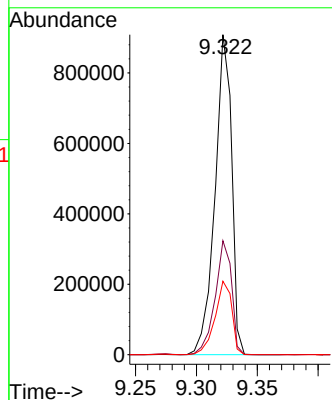
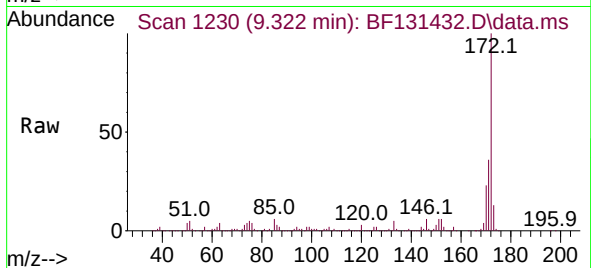
Tgt Ion:172 Resp: 865986

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

170 23.0 18.7 28.1



#46

1,1'-Biphenyl

Concen: 43.578 ng

RT: 9.428 min Scan# 1248

Delta R.T. -0.000 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

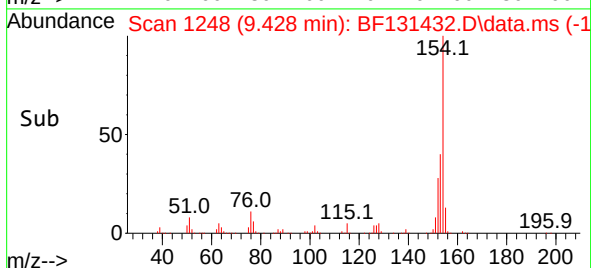
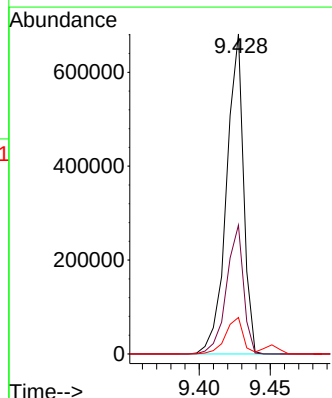
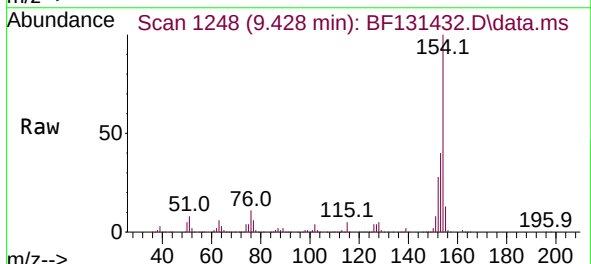
Tgt Ion:154 Resp: 568374

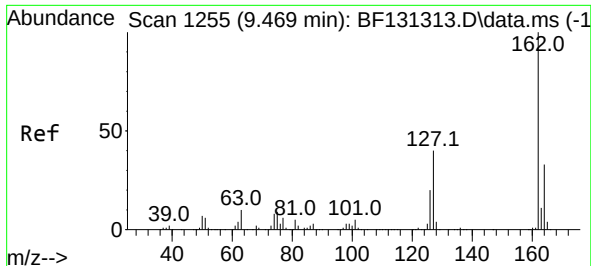
Ion Ratio Lower Upper

154 100

153 40.2 19.8 59.8

76 11.4 0.0 30.2

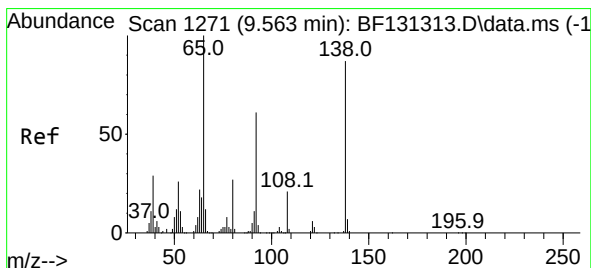
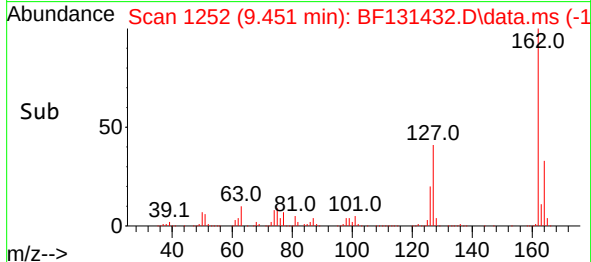
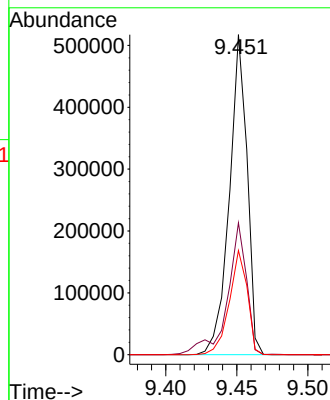
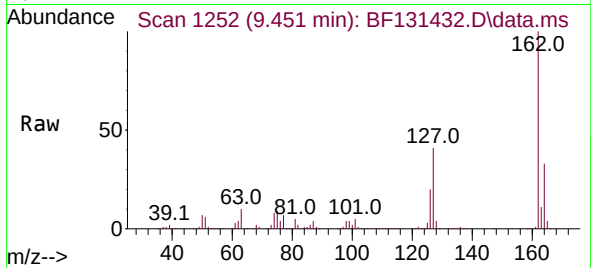




#47
2-Chloronaphthalene
Concen: 42.904 ng
RT: 9.451 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

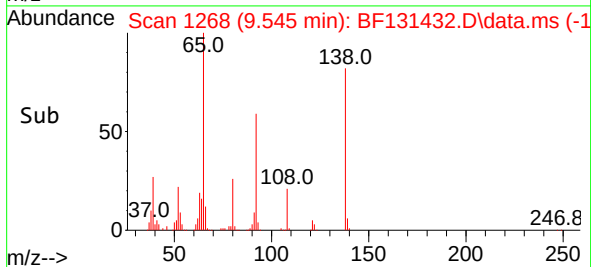
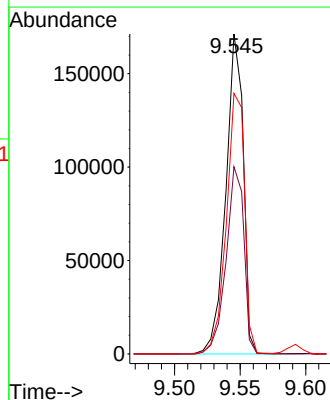
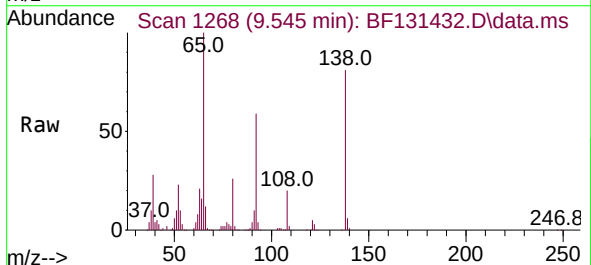
Instrument :
BNA_F
ClientSampleId :
CR-5MS

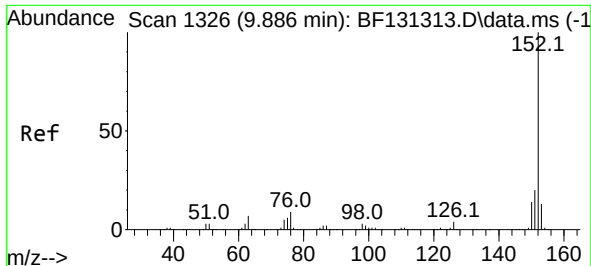
Tgt Ion:162 Resp: 448894
Ion Ratio Lower Upper
162 100
127 41.2 32.1 48.1
164 32.5 26.6 39.8



#48
2-Nitroaniline
Concen: 49.798 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion: 65 Resp: 158195
Ion Ratio Lower Upper
65 100
92 58.5 49.0 73.4
138 81.4 69.4 104.2





#49

Acenaphthylene

Concen: 42.892 ng

RT: 9.869 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

Instrument :

BNA_F

ClientSampleId :

CR-5MS

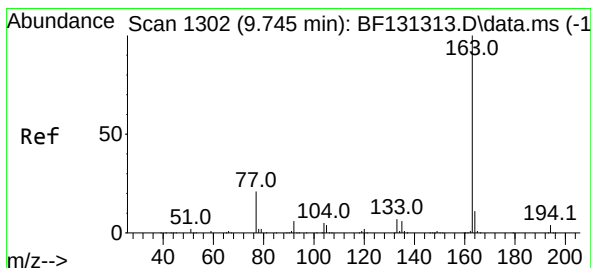
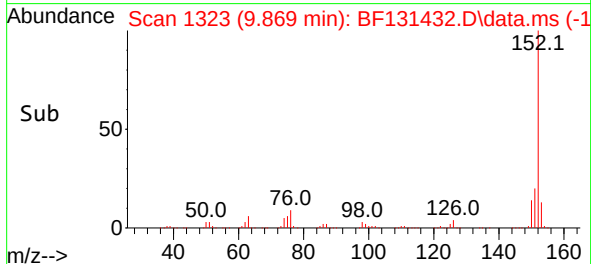
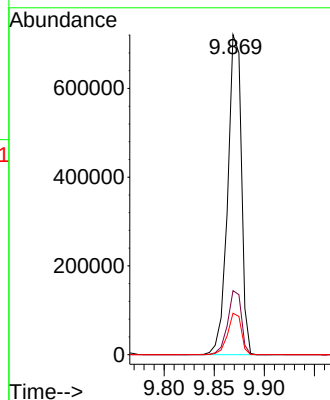
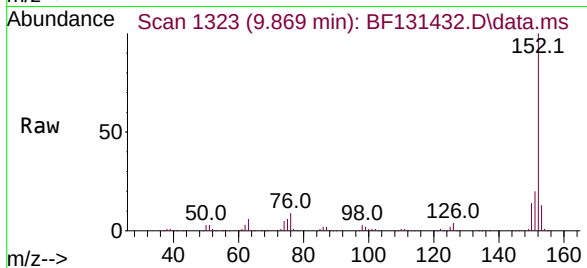
Tgt Ion:152 Resp: 684094

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4

153 12.9 10.6 15.8



#50

Dimethylphthalate

Concen: 43.642 ng

RT: 9.728 min Scan# 1299

Delta R.T. -0.006 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

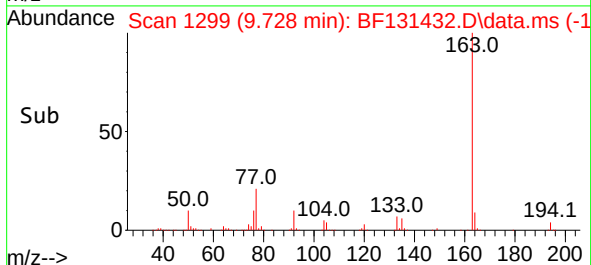
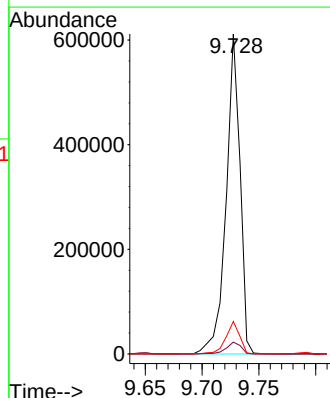
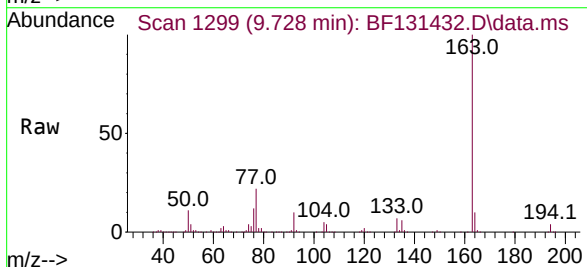
Tgt Ion:163 Resp: 519690

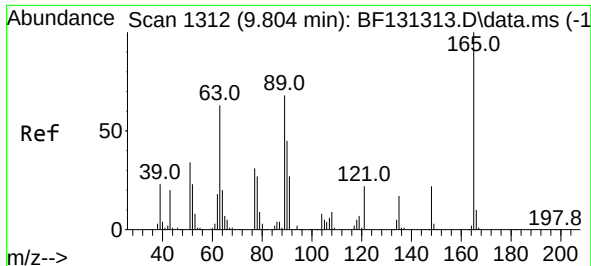
Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

164 10.1 8.5 12.7

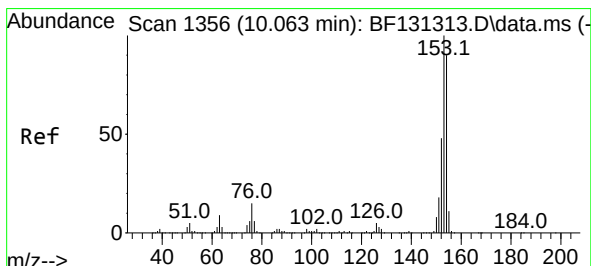
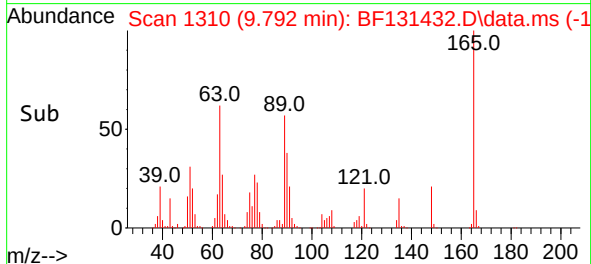
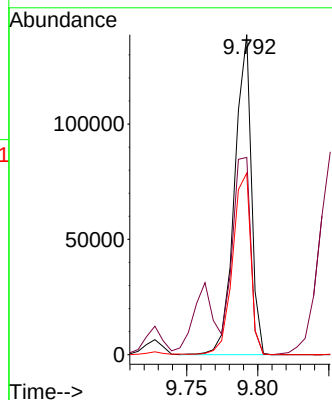
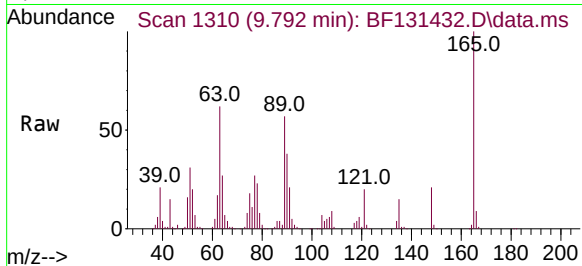




#51
2,6-Dinitrotoluene
Concen: 47.874 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

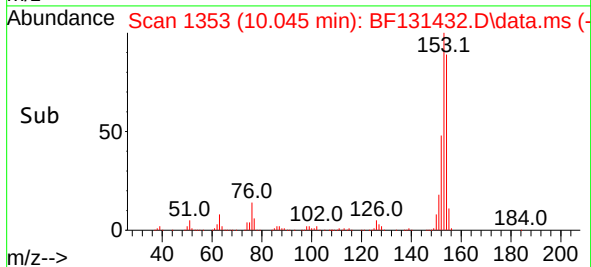
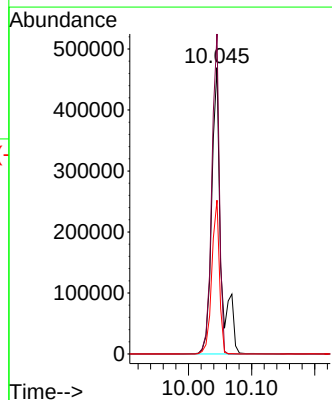
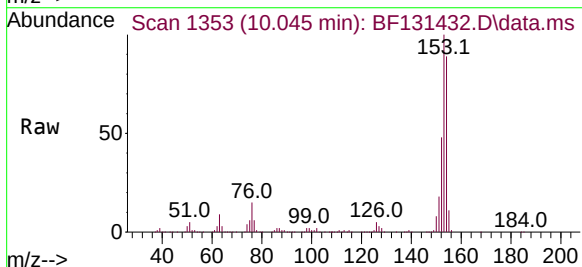
Instrument :
BNA_F
ClientSampleId :
CR-5MS

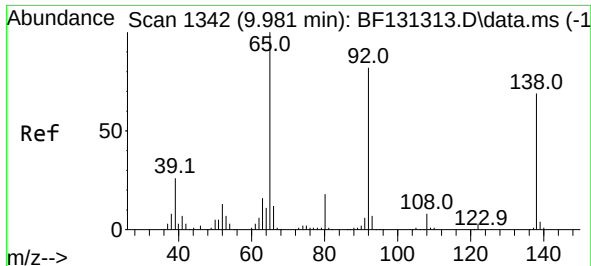
Tgt Ion:165 Resp: 114009
Ion Ratio Lower Upper
165 100
63 61.6 62.0 93.0#
89 56.7 54.4 81.6



#52
Acenaphthene
Concen: 48.507 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion:154 Resp: 484451
Ion Ratio Lower Upper
154 100
153 111.8 88.4 132.6
152 53.7 42.8 64.2

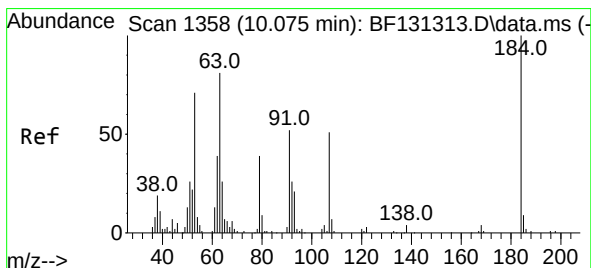
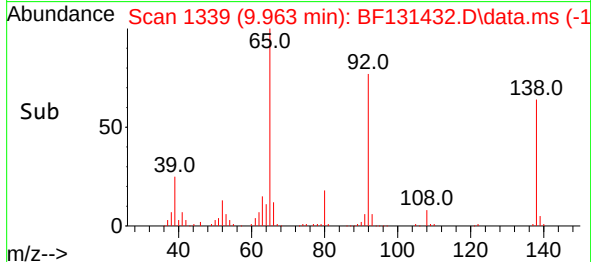
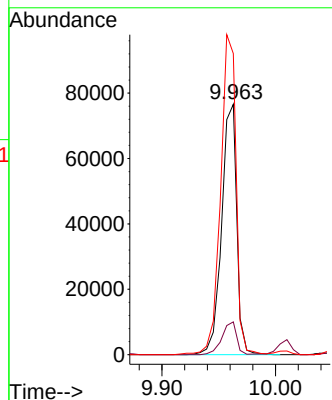
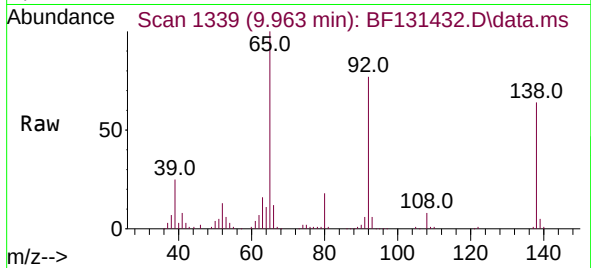




#53
3-Nitroaniline
Concen: 29.039 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

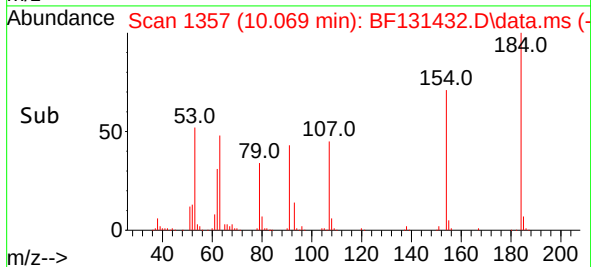
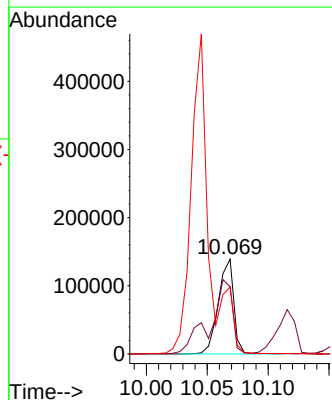
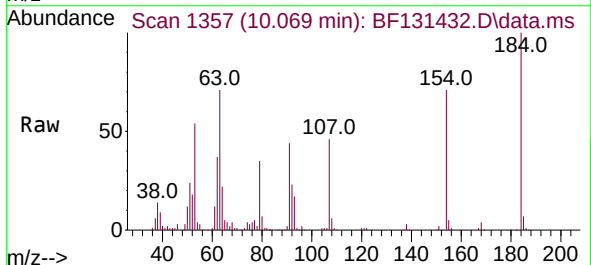
Instrument :
BNA_F
ClientSampleId :
CR-5MS

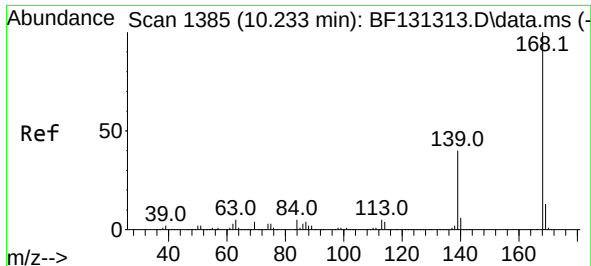
Tgt Ion:138 Resp: 71060
Ion Ratio Lower Upper
138 100
108 13.1 8.9 13.3
92 120.2 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 101.183 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion:184 Resp: 123095
Ion Ratio Lower Upper
184 100
63 70.9 72.1 108.1#
154 70.7 56.3 84.5

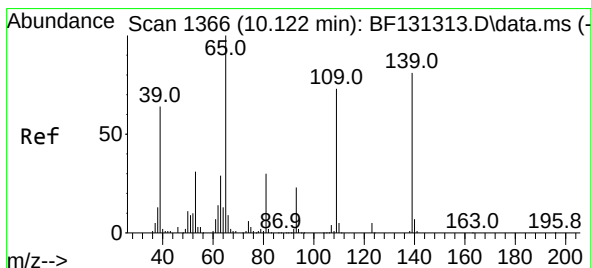
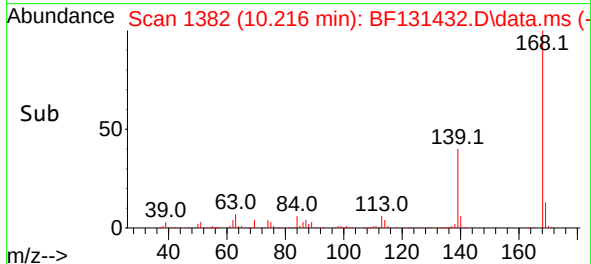
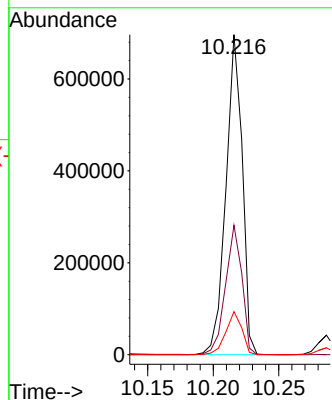
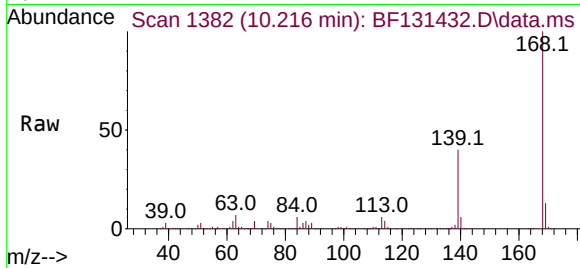




#55
Dibenzofuran
Concen: 41.857 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

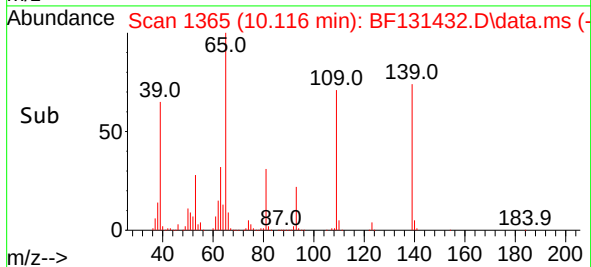
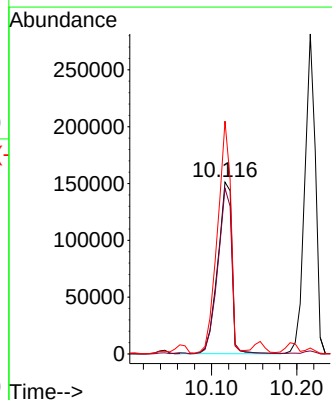
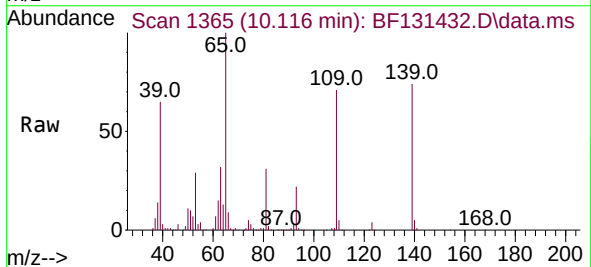
Instrument :
BNA_F
ClientSampleId :
CR-5MS

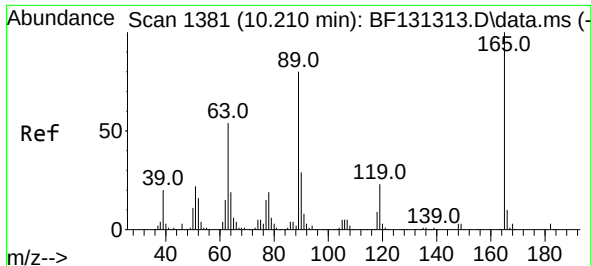
Tgt Ion:168 Resp: 601415
Ion Ratio Lower Upper
168 100
139 40.4 31.7 47.5
169 13.4 10.6 15.8



#56
4-Nitrophenol
Concen: 102.719 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion:139 Resp: 174450
Ion Ratio Lower Upper
139 100
109 96.4 69.6 109.6
65 135.5 103.4 143.4

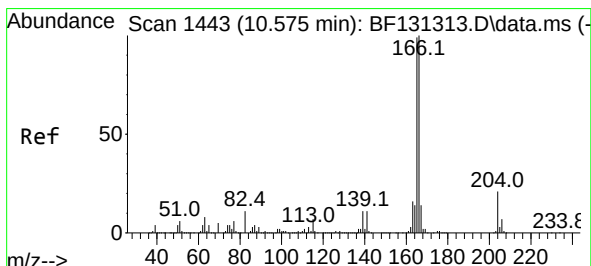
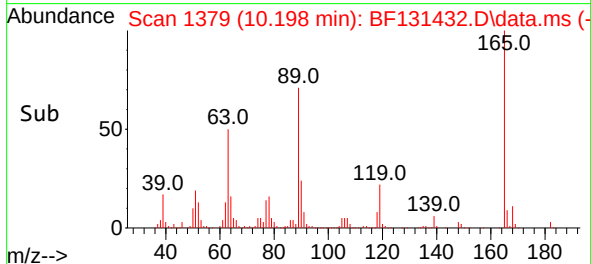
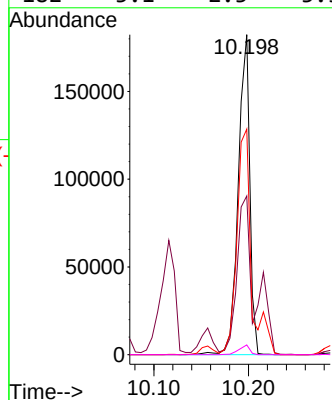
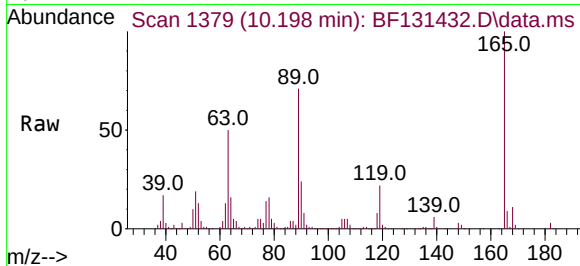




#57
2,4-Dinitrotoluene
Concen: 51.198 ng
RT: 10.198 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

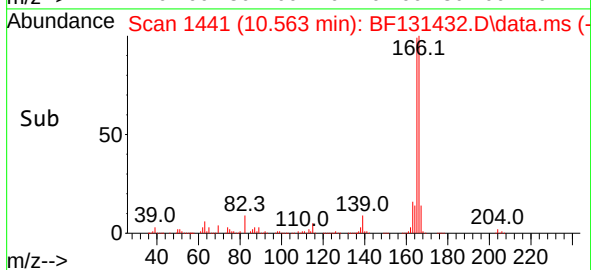
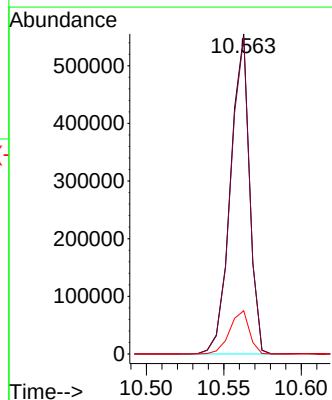
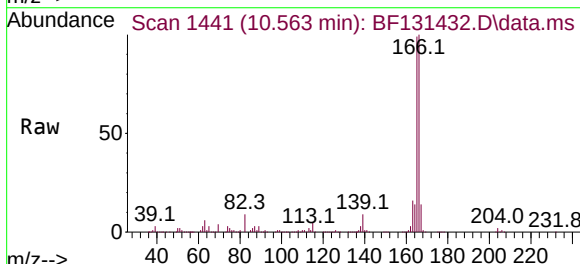
Instrument :
BNA_F
ClientSampleId :
CR-5MS

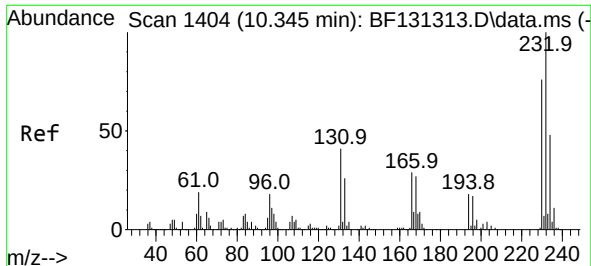
Tgt Ion:165 Resp: 153408
Ion Ratio Lower Upper
165 100
63 49.6 43.4 65.2
89 70.5 64.0 96.0
182 3.1 2.3 3.5



#58
Fluorene
Concen: 42.153 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion:166 Resp: 472684
Ion Ratio Lower Upper
166 100
165 99.0 79.0 118.4
167 13.5 10.9 16.3

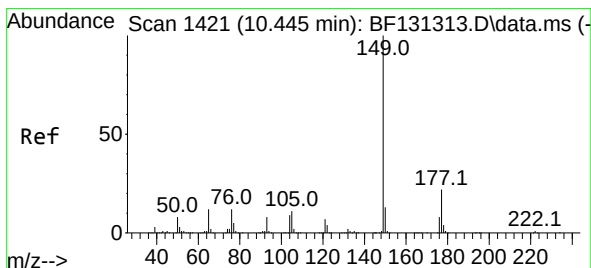
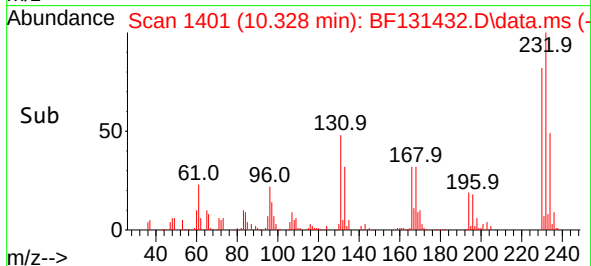
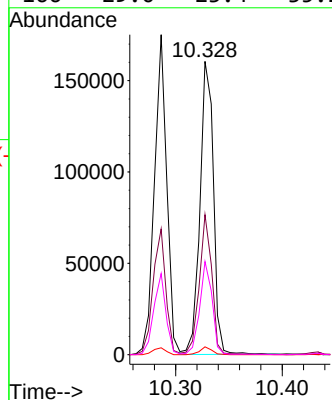
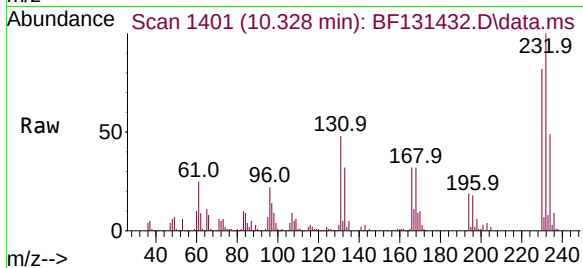




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.930 ng
RT: 10.328 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

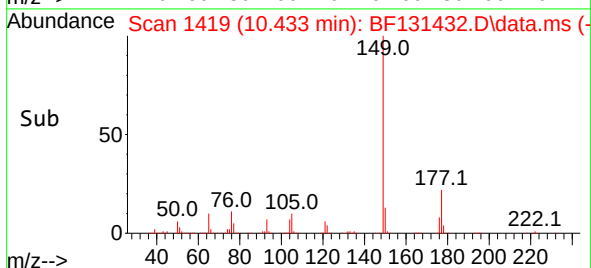
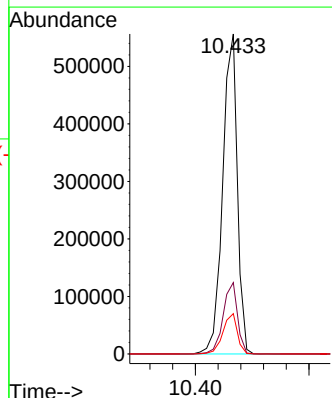
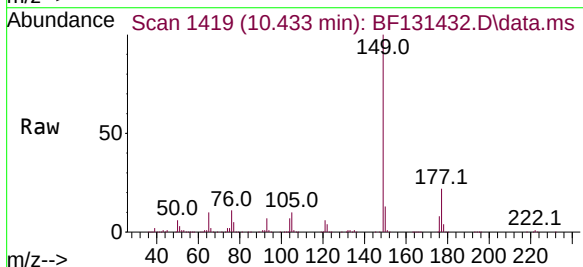
Instrument :
BNA_F
ClientSampleId :
CR-5MS

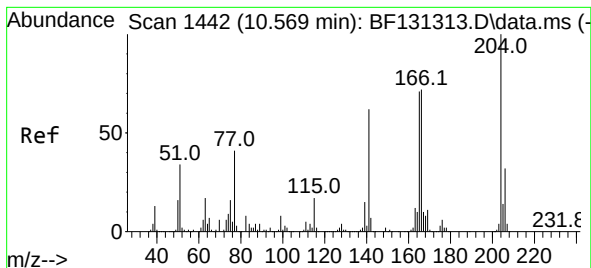
Tgt Ion:232 Resp: 141224
Ion Ratio Lower Upper
232 100
131 44.2 35.2 52.8
130 2.4 1.8 2.8
166 29.0 23.4 35.2



#60
Diethylphthalate
Concen: 44.375 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion:149 Resp: 498952
Ion Ratio Lower Upper
149 100
177 22.3 17.6 26.4
150 12.6 10.2 15.4

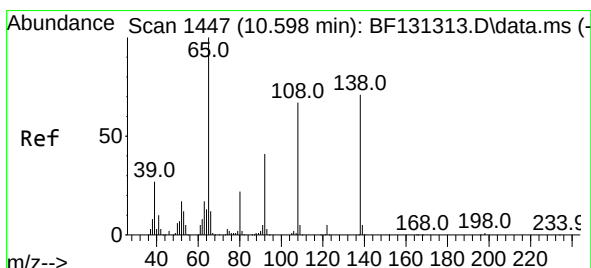
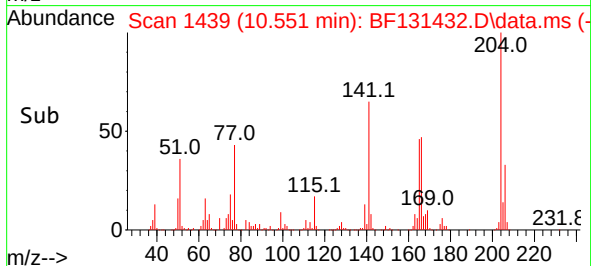
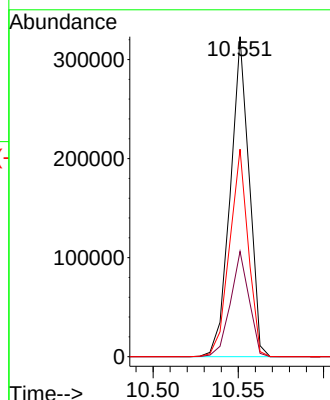
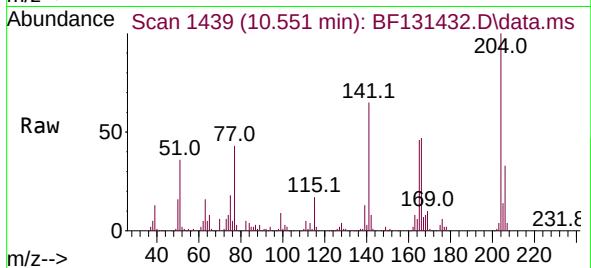




#61
4-Chlorophenyl-phenylether
Concen: 43.138 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

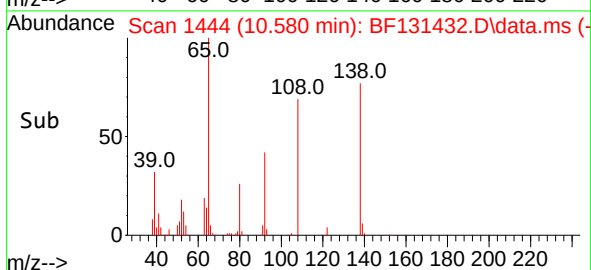
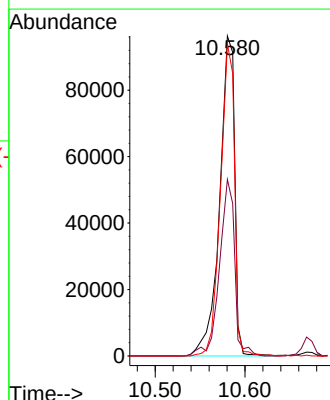
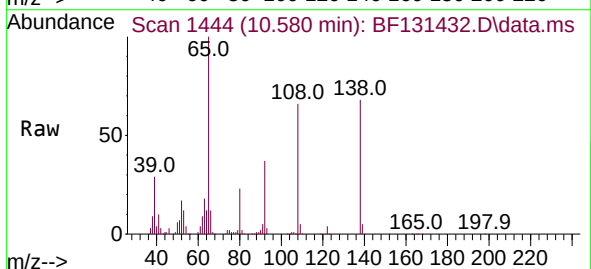
Instrument :
BNA_F
ClientSampleId :
CR-5MS

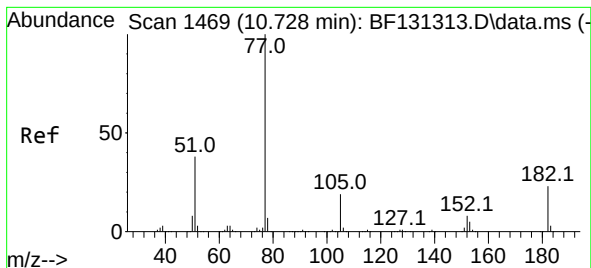
Tgt Ion:204 Resp: 247979
Ion Ratio Lower Upper
204 100
206 32.9 25.7 38.5
141 64.9 49.2 73.8



#62
4-Nitroaniline
Concen: 46.223 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion:138 Resp: 112570
Ion Ratio Lower Upper
138 100
92 55.1 37.0 77.0
108 97.6 74.0 114.0





#63

Azobenzene

Concen: 42.126 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

Instrument :

BNA_F

ClientSampleId :

CR-5MS

Tgt Ion: 77 Resp: 509296

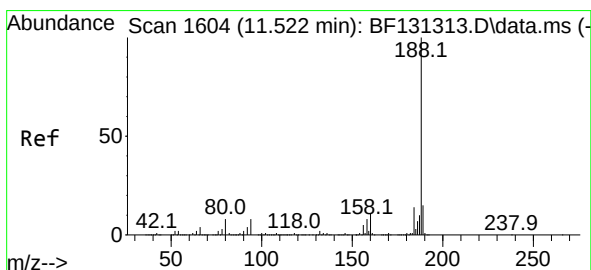
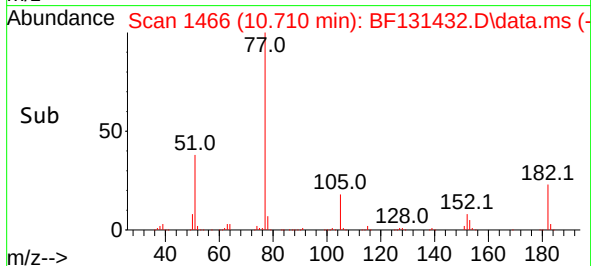
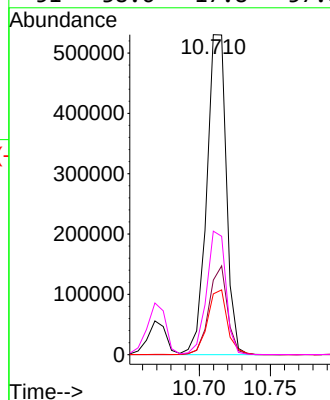
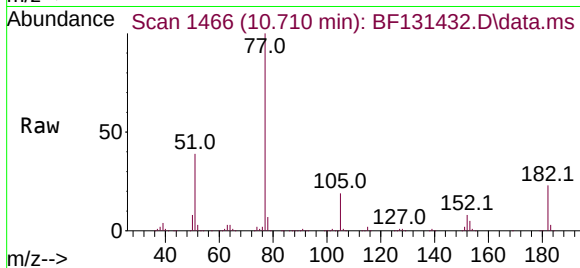
Ion Ratio Lower Upper

77 100

182 23.3 3.1 43.1

105 19.0 0.0 39.2

51 38.6 17.8 57.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.504 min Scan# 1601

Delta R.T. -0.000 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

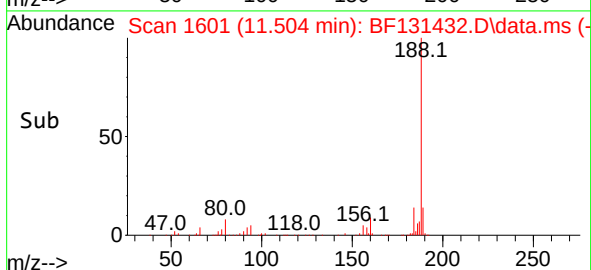
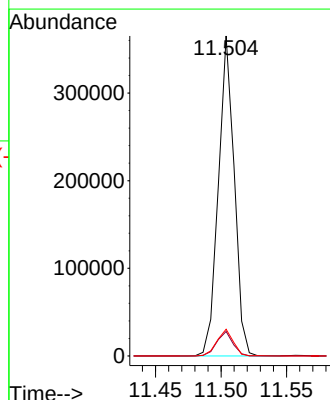
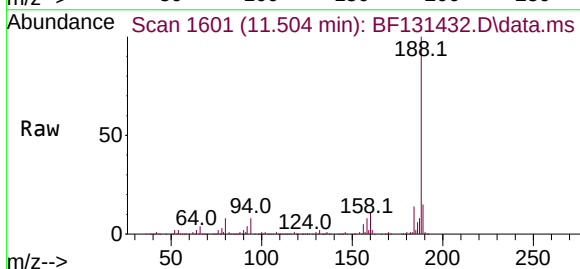
Tgt Ion:188 Resp: 307220

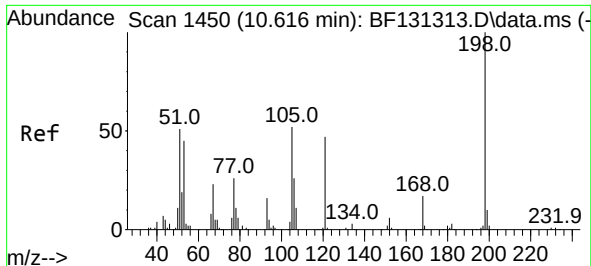
Ion Ratio Lower Upper

188 100

94 7.7 6.3 9.5

80 8.3 6.8 10.2

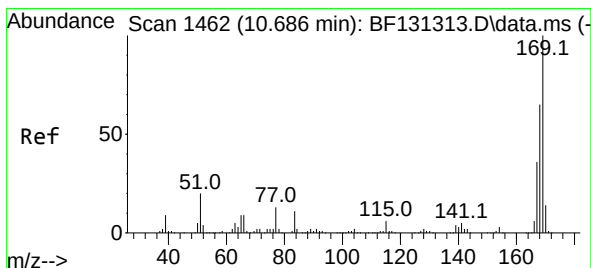
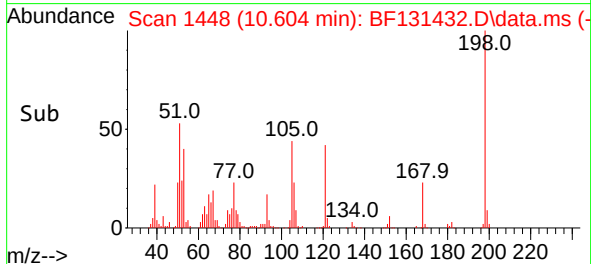
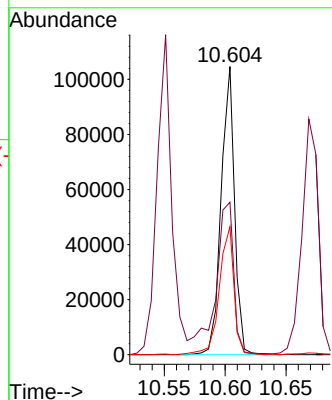
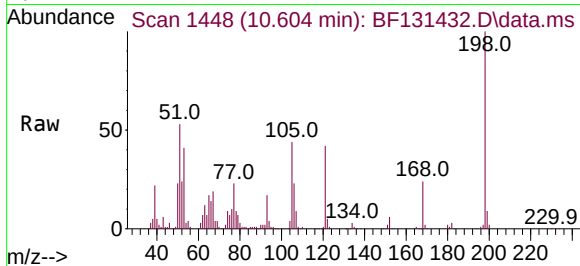




#65
4,6-Dinitro-2-methylphenol
Concen: 57.418 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

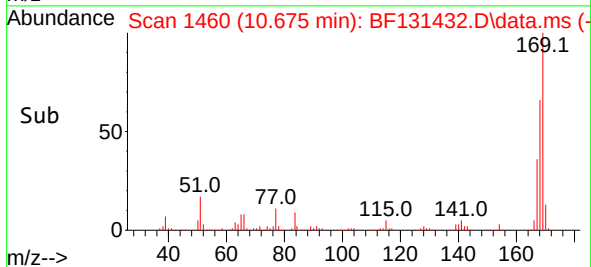
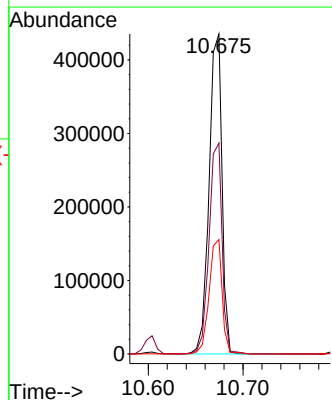
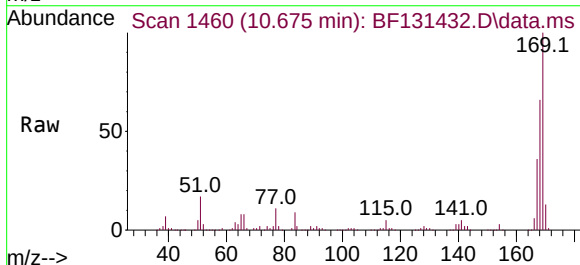
Instrument :
BNA_F
ClientSampleId :
CR-5MS

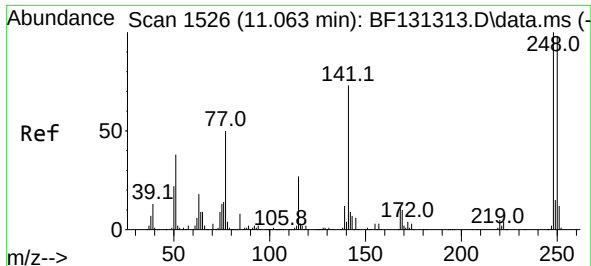
Tgt Ion:198 Resp: 80357
Ion Ratio Lower Upper
198 100
51 52.9 50.1 90.1
105 44.4 32.5 72.5



#66
n-Nitrosodiphenylamine
Concen: 41.989 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion:169 Resp: 411052
Ion Ratio Lower Upper
169 100
168 65.9 52.4 78.6
167 35.8 29.2 43.8





#67

4-Bromophenyl-phenylether

Concen: 42.620 ng

RT: 11.045 min Scan# 1523

Delta R.T. -0.000 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

Instrument :

BNA_F

ClientSampleId :

CR-5MS

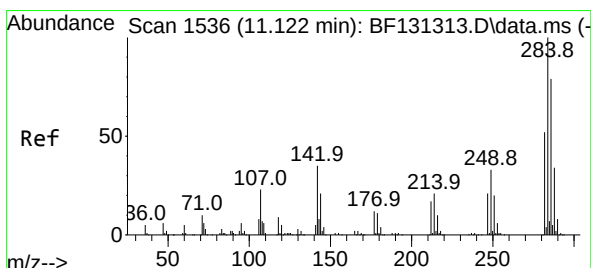
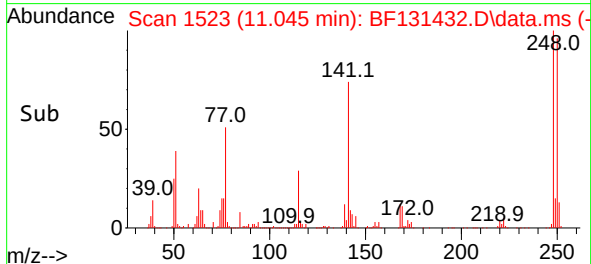
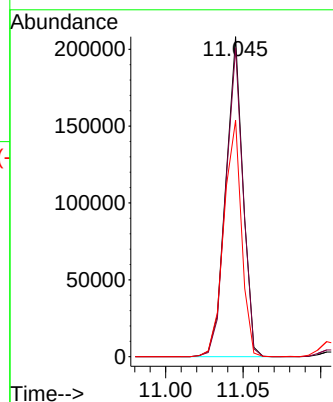
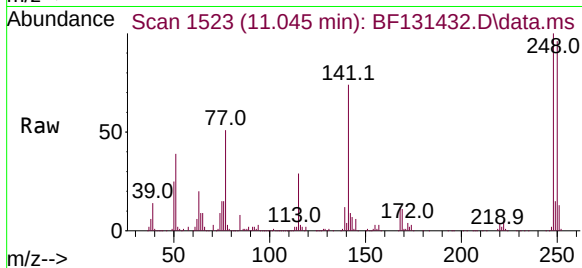
Tgt Ion:248 Resp: 160480

Ion Ratio Lower Upper

248 100

250 96.5 78.3 117.5

141 73.9 58.0 87.0



#68

Hexachlorobenzene

Concen: 43.181 ng

RT: 11.110 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

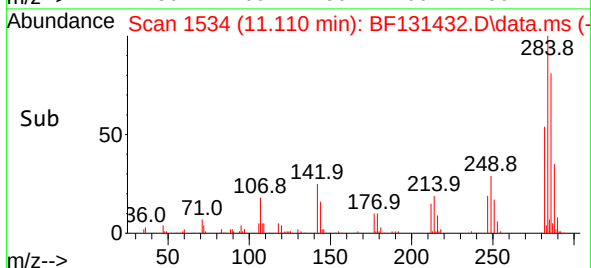
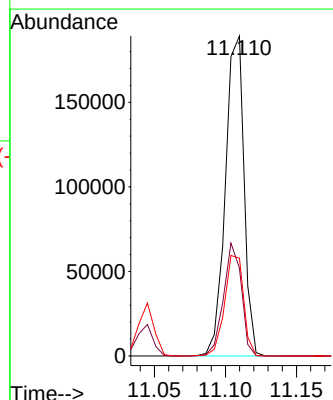
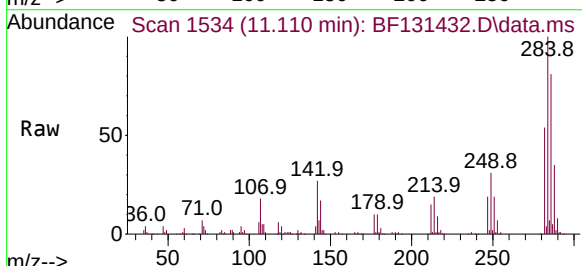
Tgt Ion:284 Resp: 172567

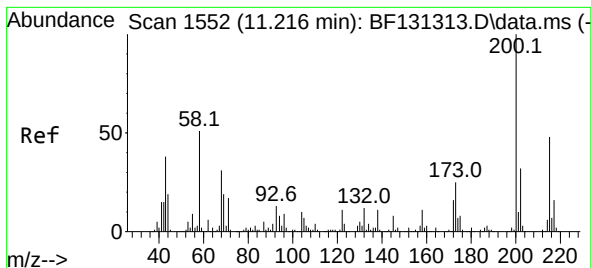
Ion Ratio Lower Upper

284 100

142 27.5 28.4 42.6#

249 30.6 26.5 39.7





#69

Atrazine

Concen: 49.987 ng

RT: 11.198 min Scan# 1549

Delta R.T. -0.006 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

Instrument :

BNA_F

ClientSampleId :

CR-5MS

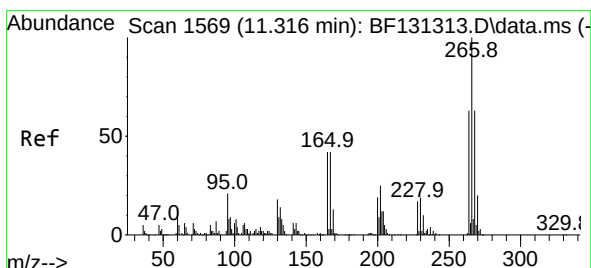
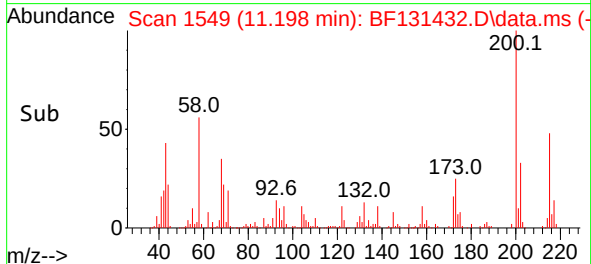
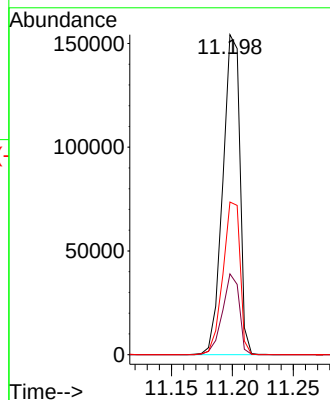
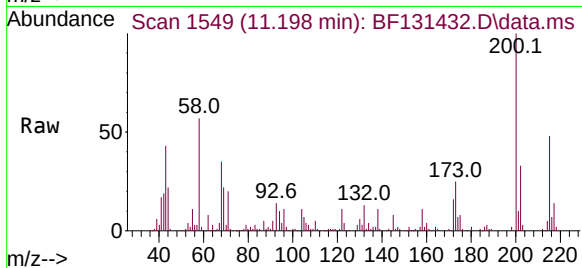
Tgt Ion:200 Resp: 150665

Ion Ratio Lower Upper

200 100

173 25.3 5.2 45.2

215 47.7 28.3 68.3



#70

Pentachlorophenol

Concen: 82.408 ng

RT: 11.304 min Scan# 1567

Delta R.T. -0.000 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

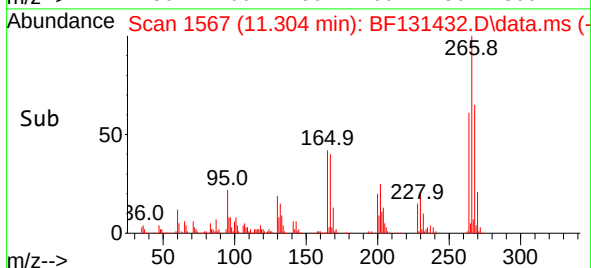
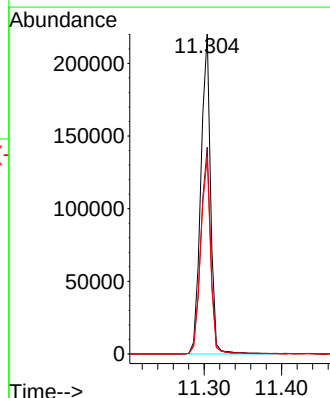
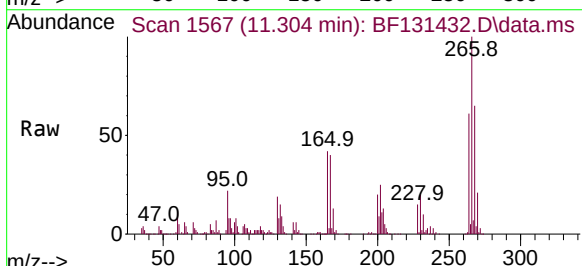
Tgt Ion:266 Resp: 191725

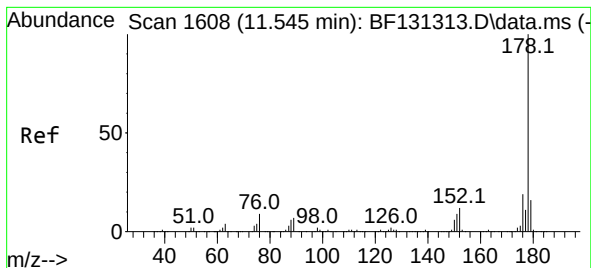
Ion Ratio Lower Upper

266 100

268 64.6 50.6 75.8

264 61.4 50.4 75.6





#71

Phenanthrene

Concen: 42.008 ng

RT: 11.533 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

Instrument :

BNA_F

ClientSampleId :

CR-5MS

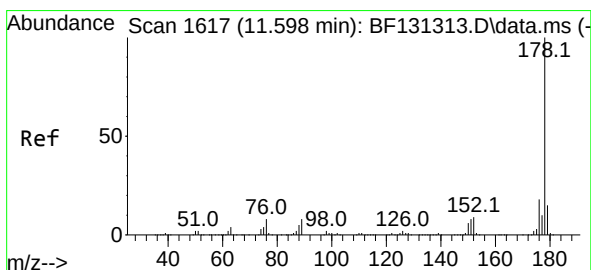
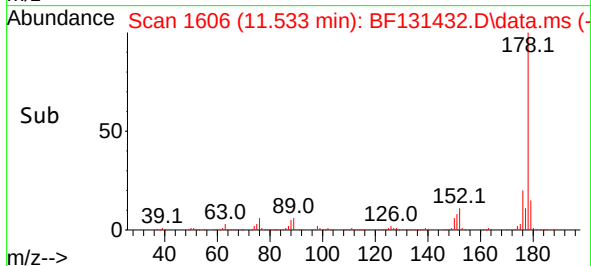
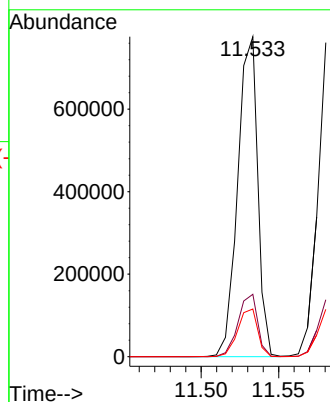
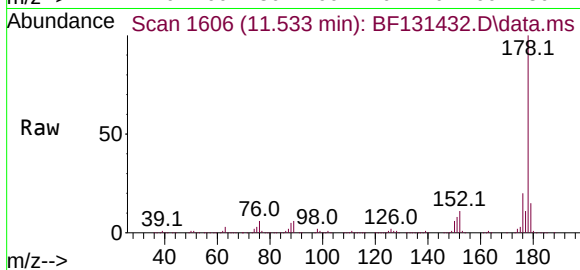
Tgt Ion:178 Resp: 697459

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 14.9 12.4 18.6



#72

Anthracene

Concen: 43.488 ng

RT: 11.580 min Scan# 1614

Delta R.T. -0.006 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

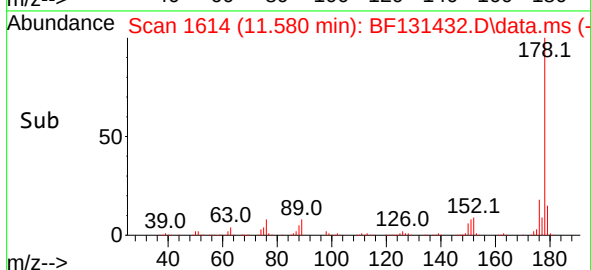
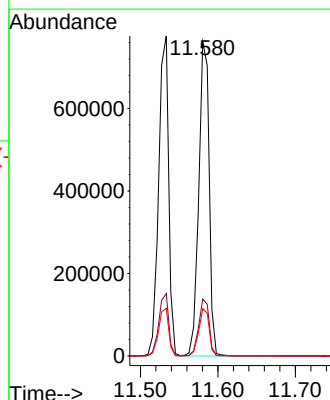
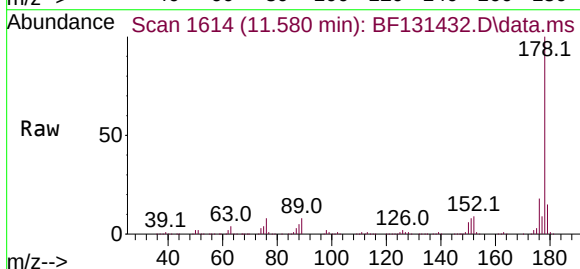
Tgt Ion:178 Resp: 709591

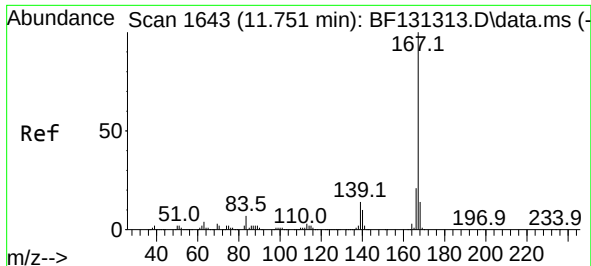
Ion Ratio Lower Upper

178 100

176 18.1 14.7 22.1

179 15.1 12.2 18.4

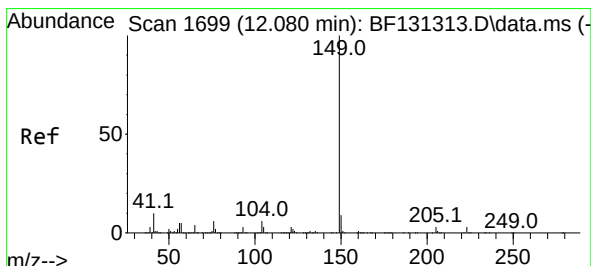
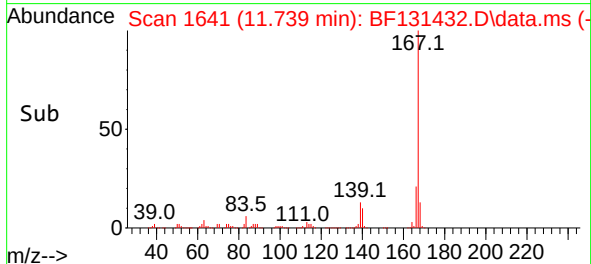
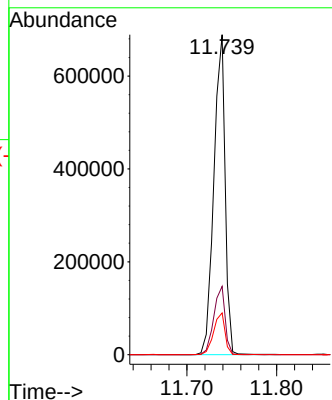
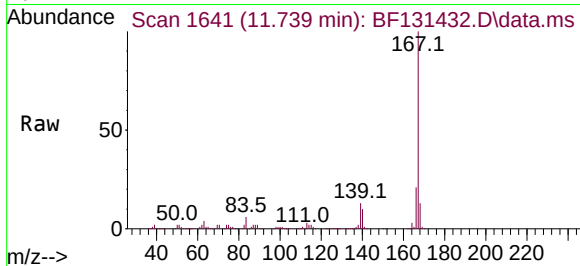




#73
Carbazole
Concen: 43.178 ng
RT: 11.739 min Scan# 1641
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

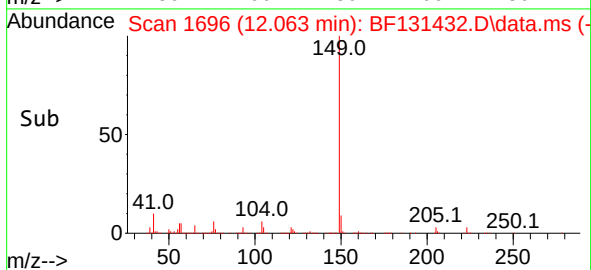
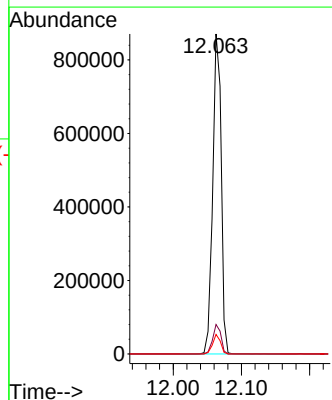
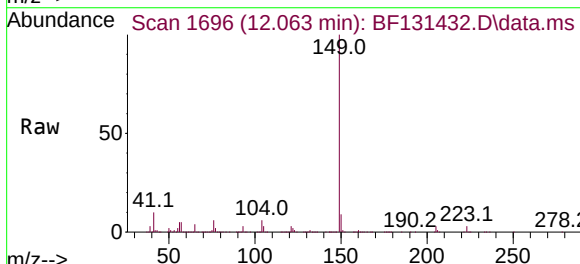
Instrument :
BNA_F
ClientSampleId :
CR-5MS

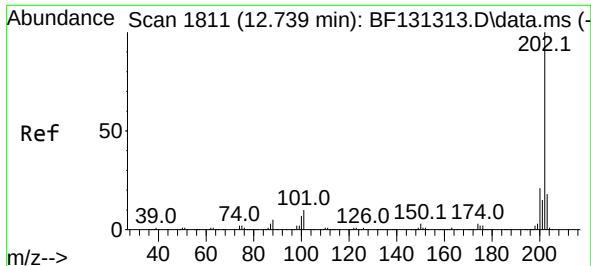
Tgt Ion:167 Resp: 600983
Ion Ratio Lower Upper
167 100
166 21.4 17.0 25.6
139 13.0 10.8 16.2



#74
Di-n-butylphthalate
Concen: 45.880 ng
RT: 12.063 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion:149 Resp: 752479
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 6.1 4.7 7.1

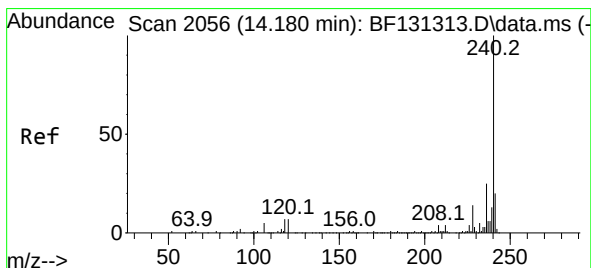
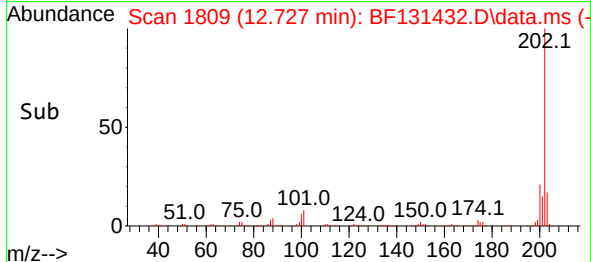
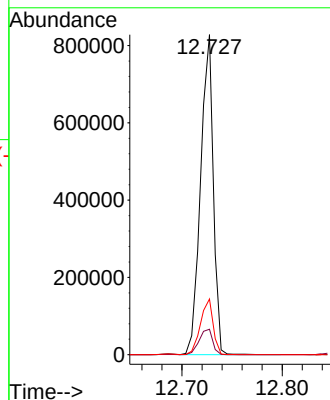
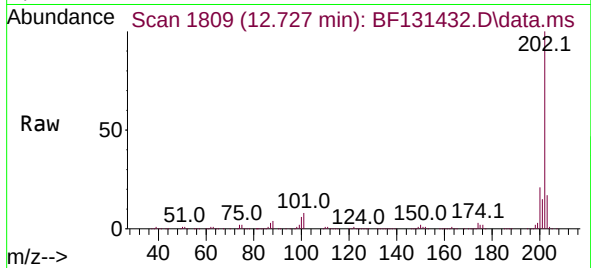




#75
Fluoranthene
Concen: 41.813 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

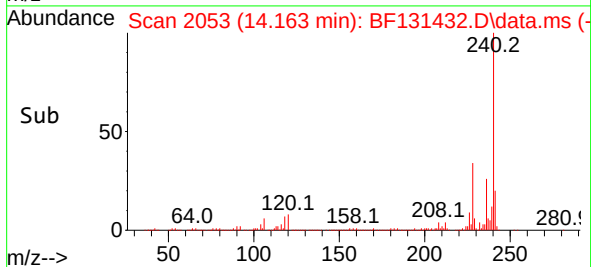
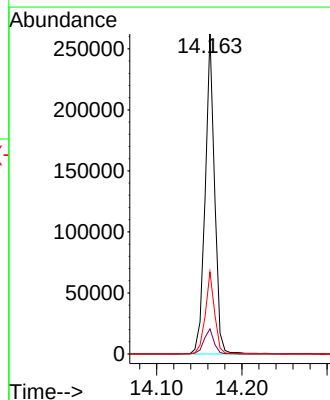
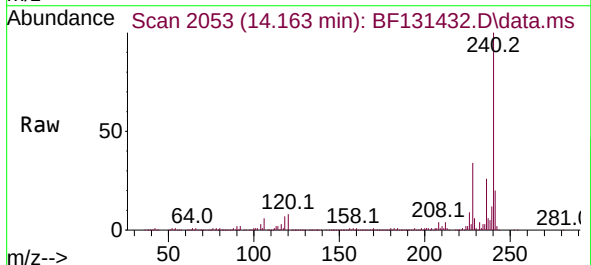
Instrument :
BNA_F
ClientSampleId :
CR-5MS

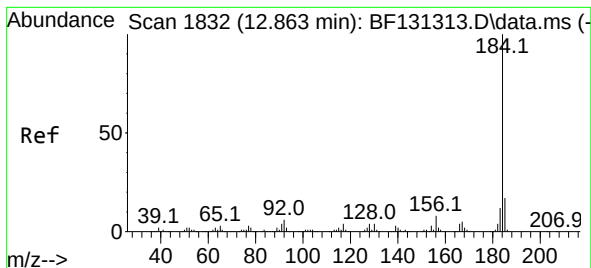
Tgt Ion:202 Resp: 731542
Ion Ratio Lower Upper
202 100
101 7.9 0.0 29.6
203 17.4 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.163 min Scan# 2053
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion:240 Resp: 200781
Ion Ratio Lower Upper
240 100
120 7.8 5.8 8.8
236 25.6 20.3 30.5





#77

Benzidine

Concen: 94.774 ng

RT: 12.851 min Scan# 1830

Delta R.T. -0.000 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

Instrument :

BNA_F

ClientSampleId :

CR-5MS

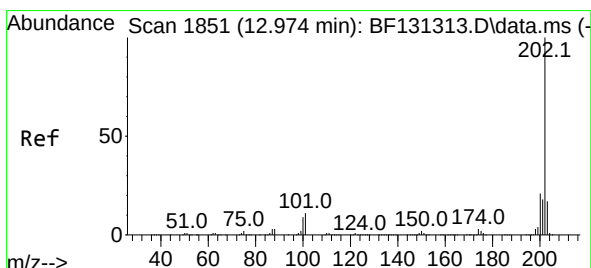
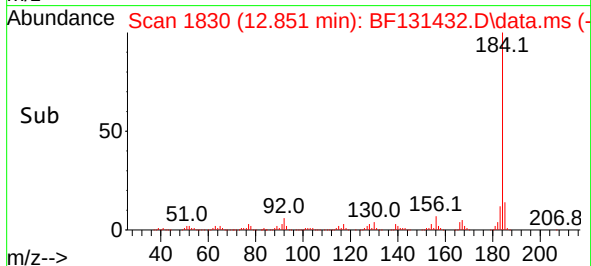
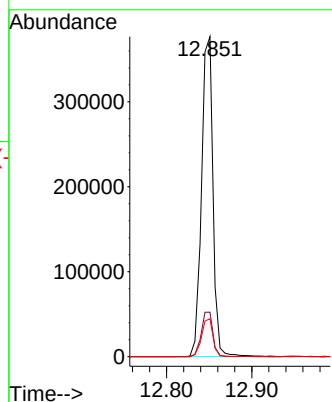
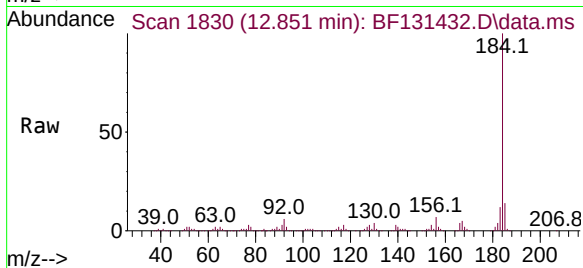
Tgt Ion:184 Resp: 351486

Ion Ratio Lower Upper

184 100

185 13.9 13.8 20.8

183 11.9 9.6 14.4



#78

Pyrene

Concen: 41.692 ng

RT: 12.957 min Scan# 1848

Delta R.T. -0.006 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

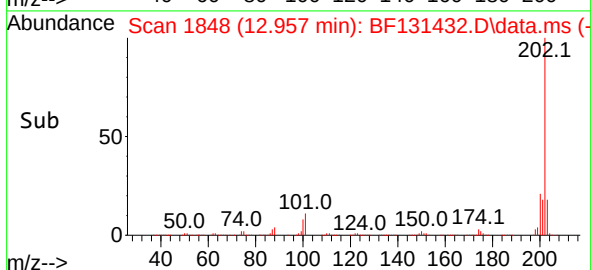
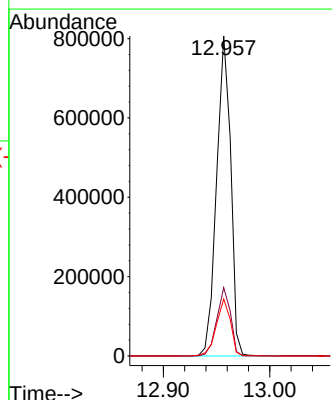
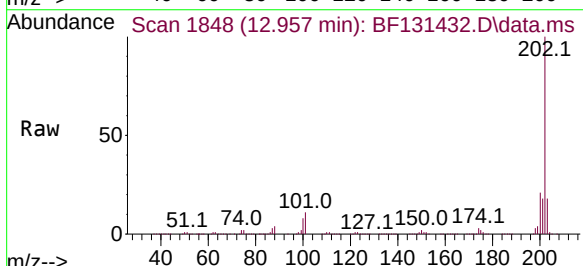
Tgt Ion:202 Resp: 738568

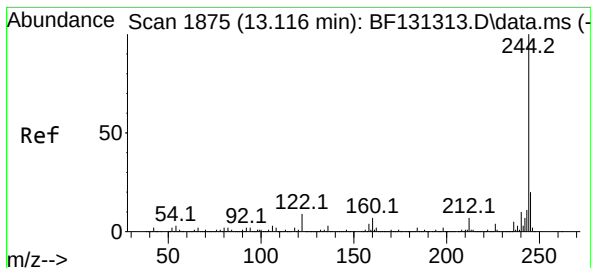
Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 17.8 13.9 20.9





#79

Terphenyl-d14

Concen: 74.829 ng

RT: 13.098 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

Instrument :

BNA_F

ClientSampleId :

CR-5MS

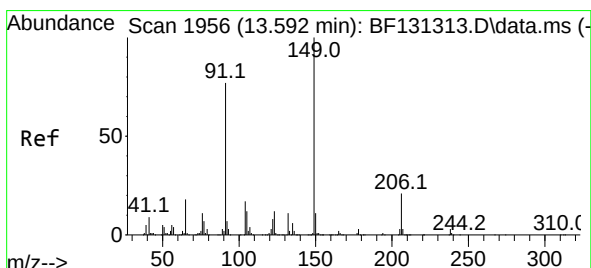
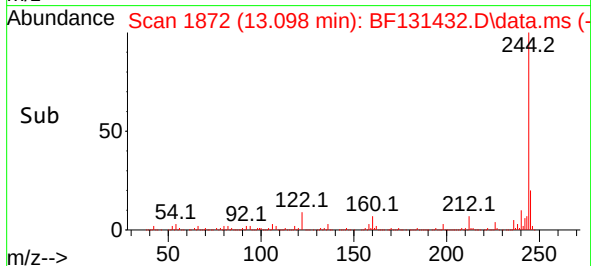
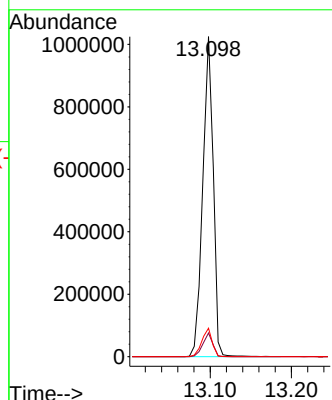
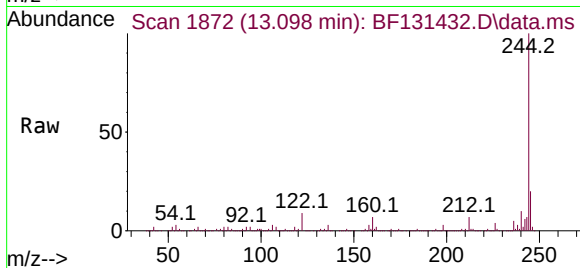
Tgt Ion:244 Resp: 918762

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 8.9 7.5 11.3



#80

Butylbenzylphthalate

Concen: 47.502 ng

RT: 13.574 min Scan# 1953

Delta R.T. -0.006 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

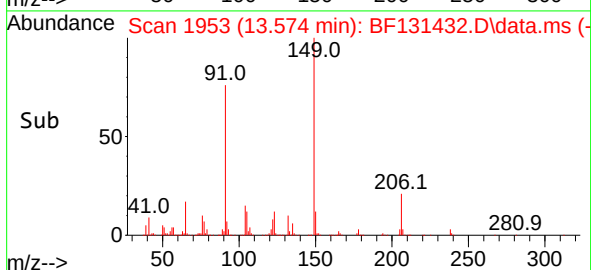
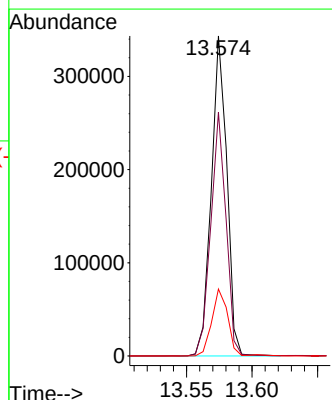
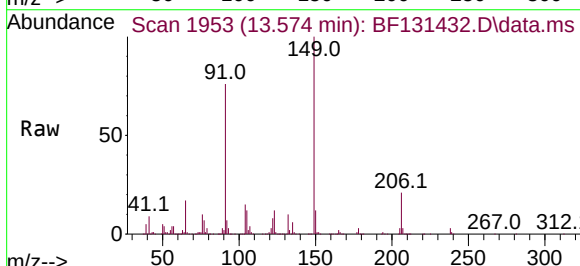
Tgt Ion:149 Resp: 282821

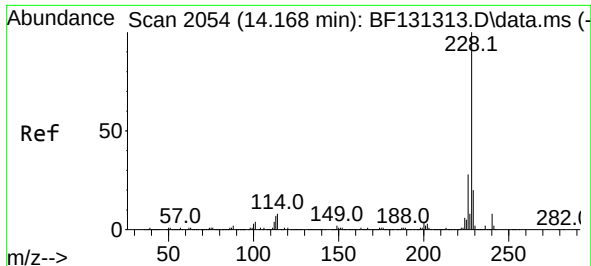
Ion Ratio Lower Upper

149 100

91 76.2 61.9 92.9

206 20.9 16.5 24.7

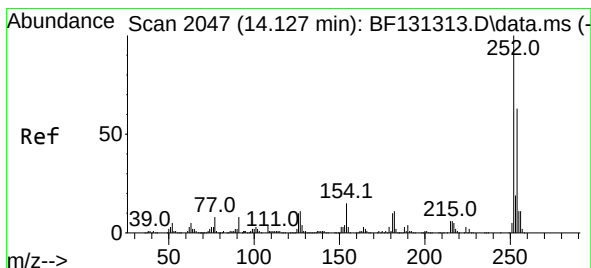
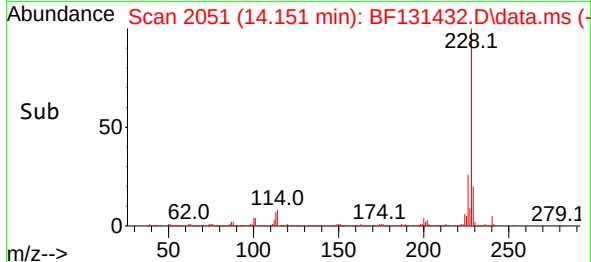
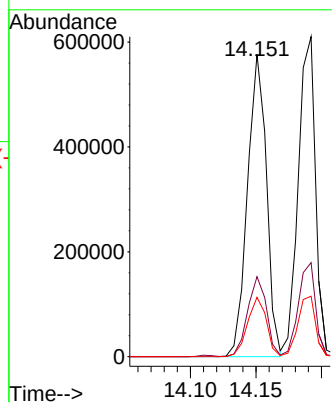
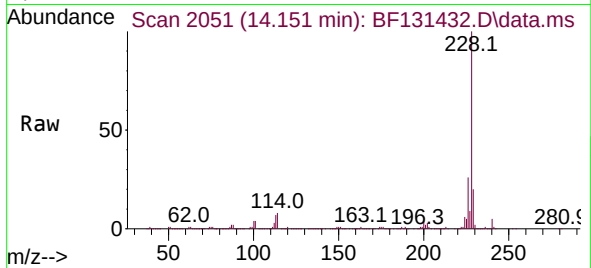




#81
Benzo(a)anthracene
Concen: 42.165 ng
RT: 14.151 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

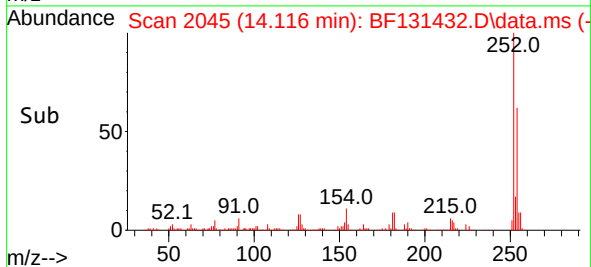
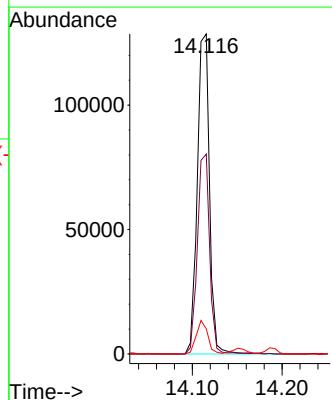
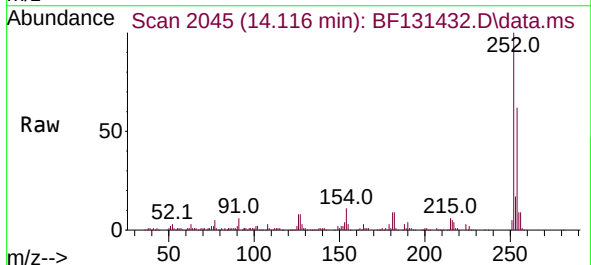
Instrument :
BNA_F
ClientSampleId :
CR-5MS

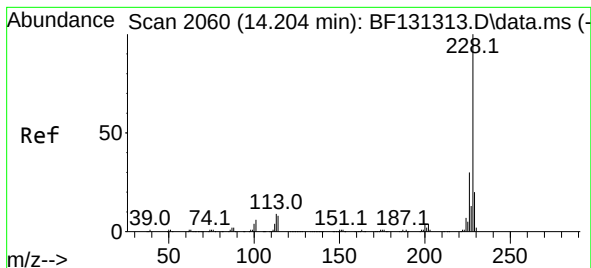
Tgt Ion:228 Resp: 580302
Ion Ratio Lower Upper
228 100
226 26.5 22.0 33.0
229 19.6 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 33.201 ng
RT: 14.116 min Scan# 2045
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion:252 Resp: 121251
Ion Ratio Lower Upper
252 100
254 62.5 50.8 76.2
126 7.9 8.3 12.5#





#83

Chrysene

Concen: 41.855 ng

RT: 14.192 min Scan# 2058

Delta R.T. -0.000 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

Instrument :

BNA_F

ClientSampleId :

CR-5MS

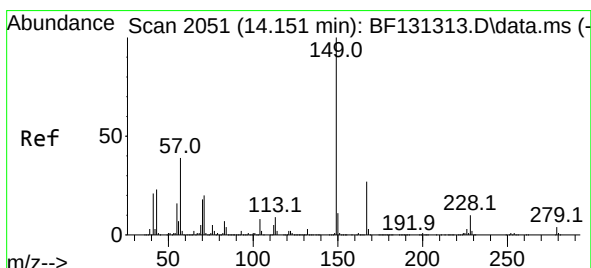
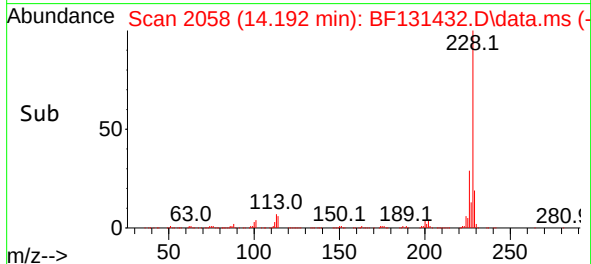
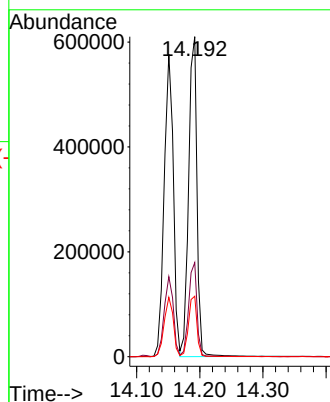
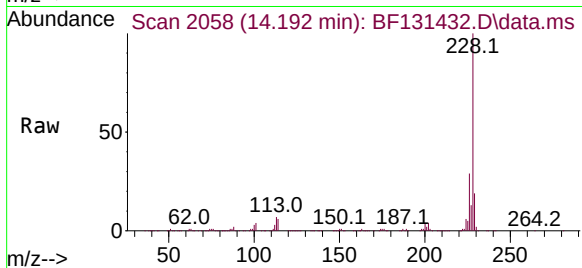
Tgt Ion:228 Resp: 565148

Ion Ratio Lower Upper

228 100

226 29.4 23.7 35.5

229 18.9 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.777 ng

RT: 14.133 min Scan# 2048

Delta R.T. -0.006 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

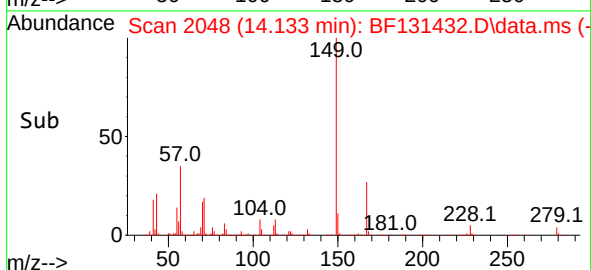
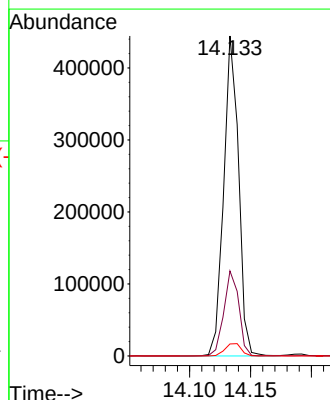
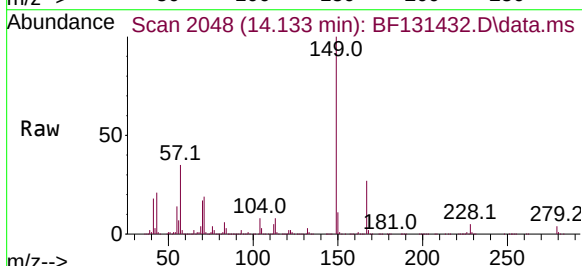
Tgt Ion:149 Resp: 377725

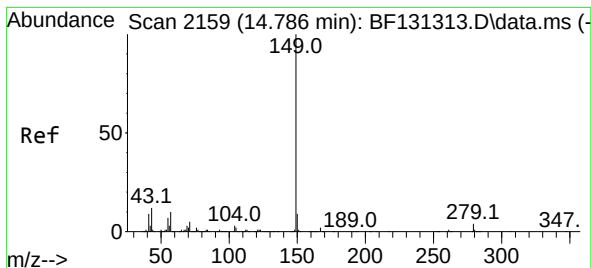
Ion Ratio Lower Upper

149 100

167 26.6 21.9 32.9

279 3.7 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 51.485 ng

RT: 14.763 min Scan# 2155

Delta R.T. -0.000 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

Instrument :

BNA_F

ClientSampleId :

CR-5MS

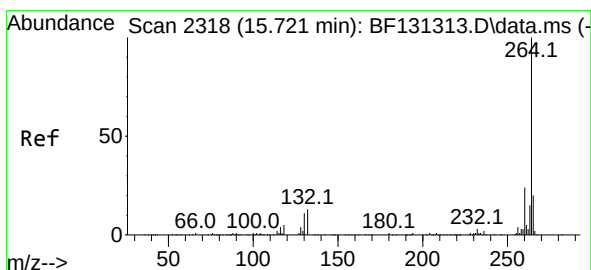
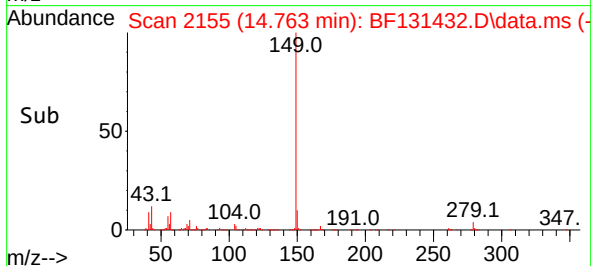
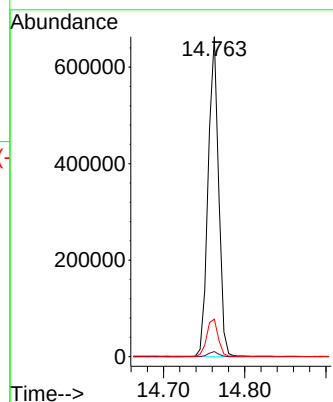
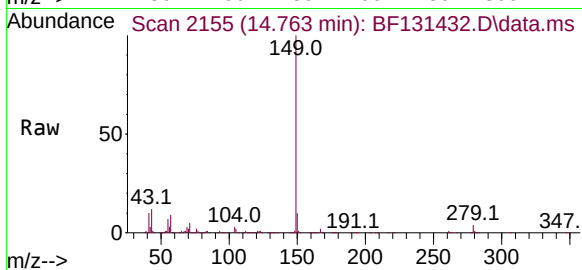
Tgt Ion:149 Resp: 591696

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 12.6 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.698 min Scan# 2314

Delta R.T. -0.000 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

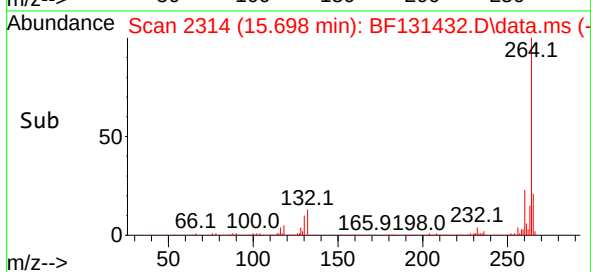
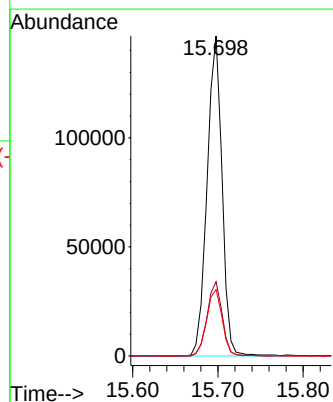
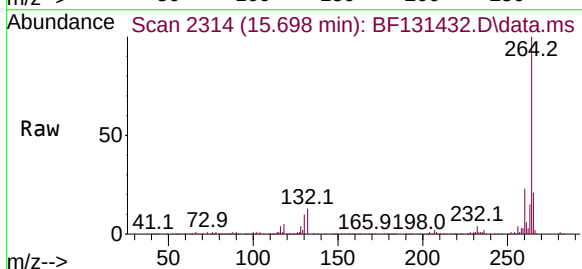
Tgt Ion:264 Resp: 178863

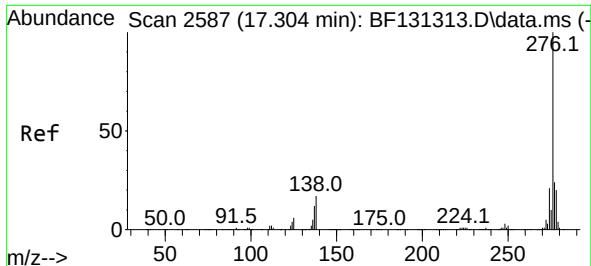
Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

265 20.8 16.4 24.6

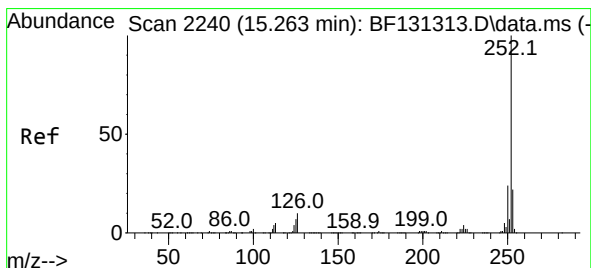
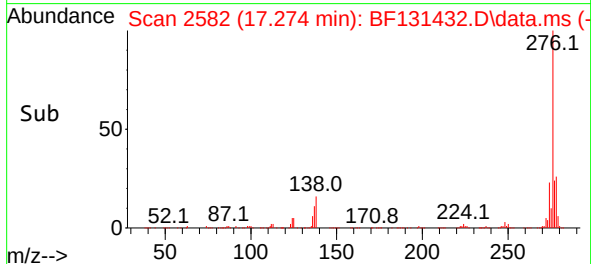
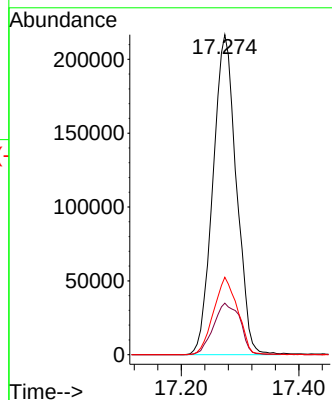
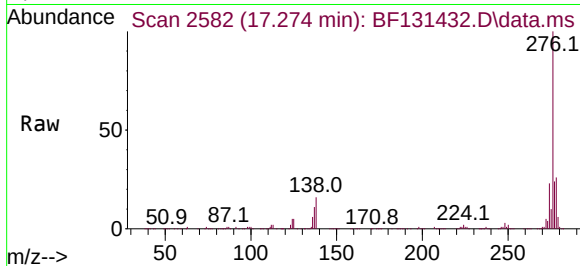




#87
Indeno(1,2,3-cd)pyrene
Concen: 49.930 ng
RT: 17.274 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

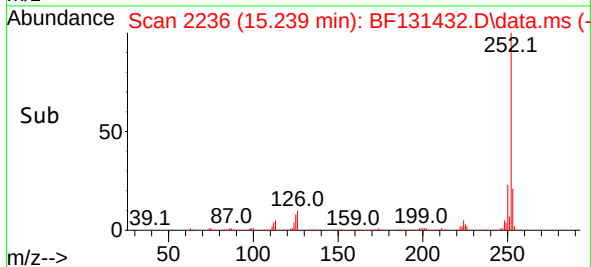
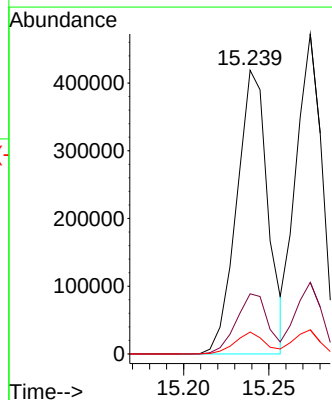
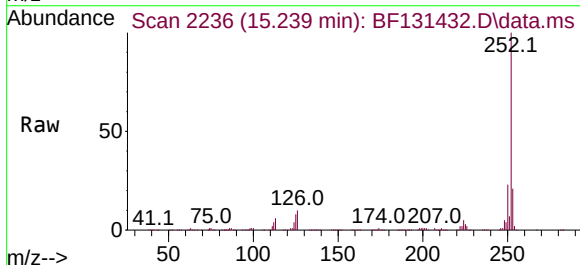
Instrument :
BNA_F
ClientSampleId :
CR-5MS

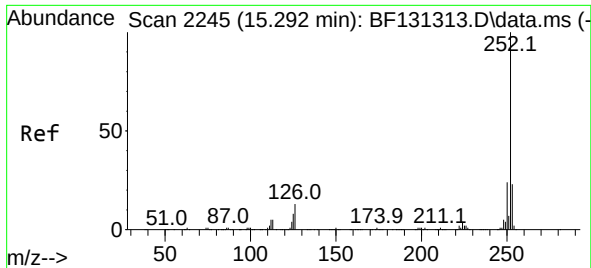
Tgt Ion:276 Resp: 599820
Ion Ratio Lower Upper
276 100
138 18.3 15.8 23.6
277 25.0 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 44.892 ng
RT: 15.239 min Scan# 2236
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion:252 Resp: 533413
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 7.7 5.8 8.6





#89

Benzo(k)fluoranthene

Concen: 41.445 ng

RT: 15.274 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

Instrument :

BNA_F

ClientSampleId :

CR-5MS

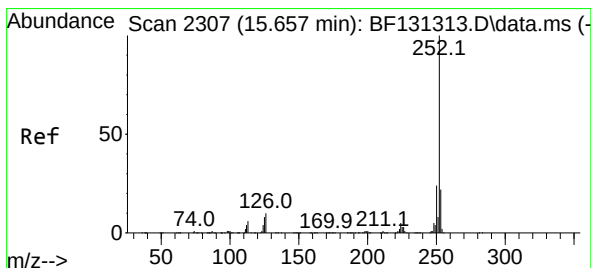
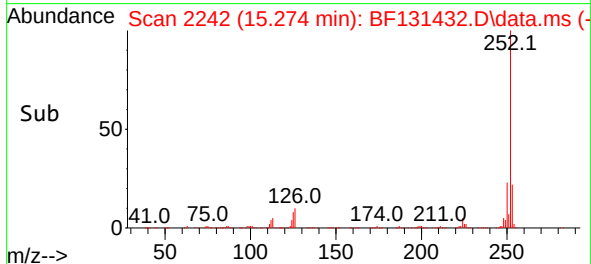
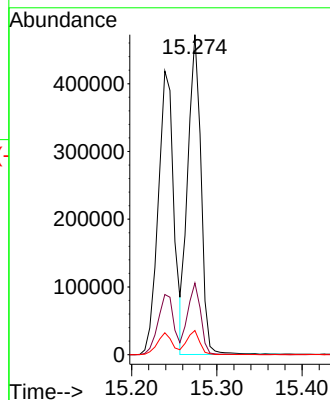
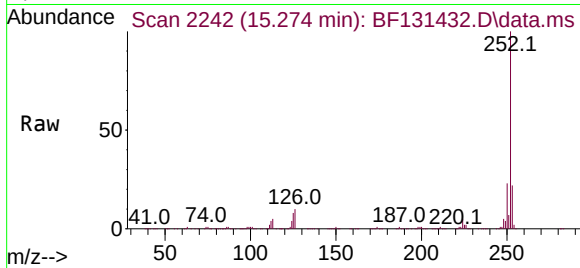
Tgt Ion:252 Resp: 506078

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

125 7.6 6.6 10.0



#90

Benzo(a)pyrene

Concen: 47.079 ng

RT: 15.633 min Scan# 2303

Delta R.T. -0.006 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

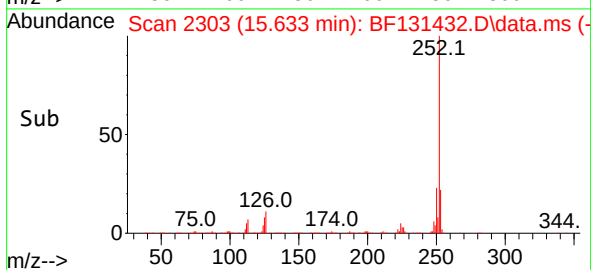
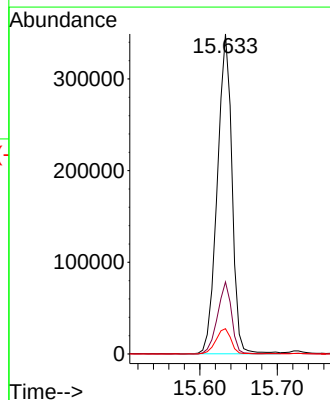
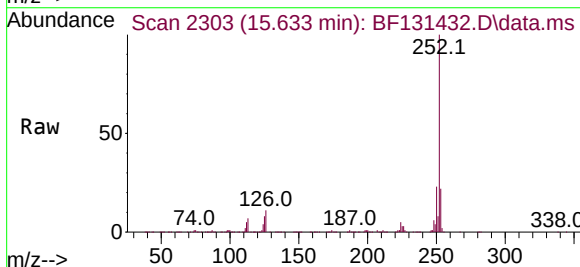
Tgt Ion:252 Resp: 459009

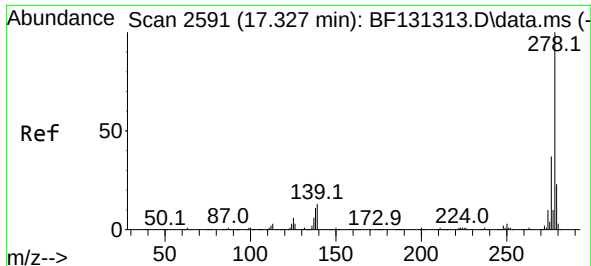
Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

125 7.9 6.1 9.1

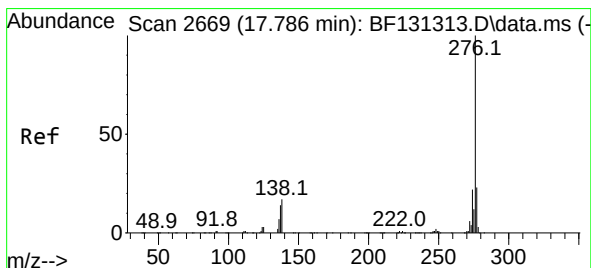
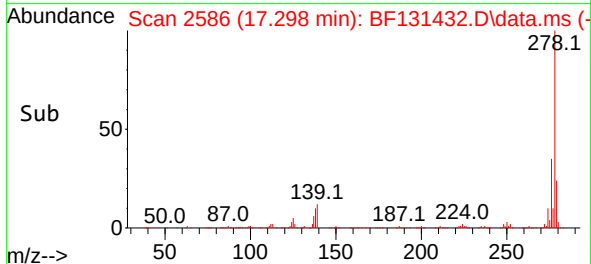
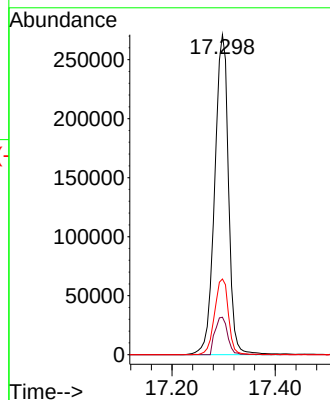
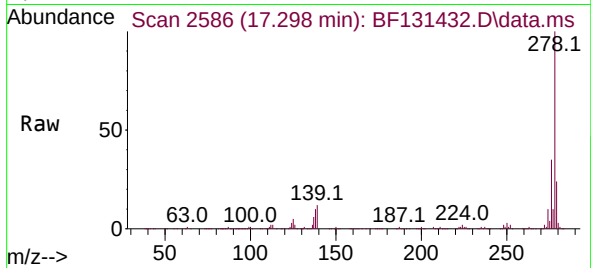




#91
Dibenzo(a,h)anthracene
Concen: 50.756 ng
RT: 17.298 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Instrument :
BNA_F
ClientSampleId :
CR-5MS

Tgt Ion:278 Resp: 503409
Ion Ratio Lower Upper
278 100
139 11.7 10.4 15.6
279 23.7 18.3 27.5



#92
Benzo(g,h,i)perylene
Concen: 51.273 ng
RT: 17.756 min Scan# 2664
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion:276 Resp: 507554
Ion Ratio Lower Upper
276 100
277 24.5 18.3 27.5
138 16.3 13.8 20.6

