

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072623\
 Data File : BF134493.D
 Acq On : 26 Jul 2023 21:18
 Operator : CG\JU
 Sample : 03580-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 01:55:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:46:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	137239	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	535442	20.000	ng	#-0.01
39) Acenaphthene-d10	9.863	164	274952	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	521671	20.000	ng	-0.01
76) Chrysene-d12	14.016	240	314410	20.000	ng	-0.02
86) Perylene-d12	15.510	264	352030	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	469965	56.578	ng	0.00
7) Phenol-d6	6.475	99	532034	52.278	ng	0.00
23) Nitrobenzene-d5	7.393	82	421010	39.782	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	228036	58.372	ng	-0.01
45) 2-Fluorobiphenyl	9.181	172	835913	39.912	ng	-0.01
79) Terphenyl-d14	12.951	244	841100	46.699	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	109514	31.083	ng	# 79
3) Pyridine	3.505	79	201972	25.538	ng	94
4) n-Nitrosodimethylamine	3.428	42	173697	37.164	ng	# 82
6) Aniline	6.498	93	68462	5.708	ng	# 57
8) 2-Chlorophenol	6.616	128	173196	20.582	ng	99
9) Benzaldehyde	6.387	77	22543	4.136	ng	96
10) Phenol	6.487	94	183951	17.372	ng	95
11) bis(2-Chloroethyl)ether	6.563	93	156856	21.220	ng	95
12) 1,3-Dichlorobenzene	6.763	146	184920	20.435	ng	99
13) 1,4-Dichlorobenzene	6.845	146	182416	19.589	ng	98
14) 1,2-Dichlorobenzene	6.993	146	177342	20.273	ng	98
15) Benzyl Alcohol	6.975	79	166880	21.238	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.098	45	241859	22.218	ng	86
17) 2-Methylphenol	7.087	107	140759	18.756	ng	97
18) Hexachloroethane	7.328	117	70421	19.684	ng	99
19) n-Nitroso-di-n-propyla...	7.240	70	136259	21.507	ng	98
20) 3+4-Methylphenols	7.240	107	182783	19.022	ng	97
22) Acetophenone	7.234	105	269457	20.235	ng	# 91
24) Nitrobenzene	7.410	77	201006	19.098	ng	99
25) Isophorone	7.645	82	355337	20.146	ng	99
26) 2-Nitrophenol	7.722	139	95243	19.675	ng	97
27) 2,4-Dimethylphenol	7.763	122	140875	18.441	ng	97
28) bis(2-Chloroethoxy)met...	7.851	93	206949	21.080	ng	99
29) 2,4-Dichlorophenol	7.969	162	152629	19.986	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	164959	20.025	ng	99
31) Naphthalene	8.128	128	534174	20.046	ng	98
32) Benzoic acid	7.904	122	105101	20.597	ng	# 80
33) 4-Chloroaniline	8.181	127	45899	4.167	ng	96
34) Hexachlorobutadiene	8.234	225	108006	19.572	ng	98
35) Caprolactam	8.557	113	27995	11.989	ng	98
36) 4-Chloro-3-methylphenol	8.675	107	178037	20.205	ng	99
37) 2-Methylnaphthalene	8.816	142	355525	19.201	ng	99
38) 1-Methylnaphthalene	8.916	142	332961	19.384	ng	97
40) 1,2,4,5-Tetrachloroben...	8.981	216	173418	19.903	ng	99
41) Hexachlorocyclopentadiene	8.963	237	115662	48.417	ng	91
43) 2,4,6-Trichlorophenol	9.104	196	113660	20.334	ng	99

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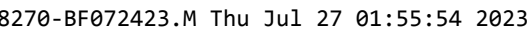
Instrument :
 BNA_F
 ClientSampleId :

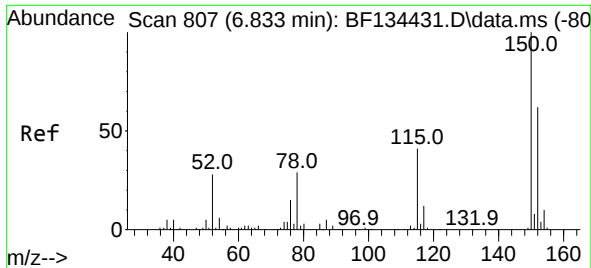
Quant Time: Jul 27 01:55:44 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	124452	19.110	ng	97
46) 1,1'-Biphenyl	9.281	154	459197	20.263	ng	99
47) 2-Chloronaphthalene	9.310	162	336404	20.136	ng	100
48) 2-Nitroaniline	9.416	65	116576	19.375	ng	94
49) Acenaphthylene	9.722	152	542188	19.210	ng	99
50) Dimethylphthalate	9.586	163	417706	20.494	ng	99
51) 2,6-Dinitrotoluene	9.657	165	89258	19.958	ng	88
52) Acenaphthene	9.898	154	334353	20.054	ng	99
53) 3-Nitroaniline	9.828	138	56215	10.963	ng	97
54) 2,4-Dinitrophenol	9.945	184	84964	39.807	ng	97
55) Dibenzofuran	10.069	168	501706	19.551	ng	99
56) 4-Nitrophenol	10.010	139	107939	39.474	ng	87
57) 2,4-Dinitrotoluene	10.063	165	118829	19.782	ng	89
58) Fluorene	10.416	166	410211	19.815	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	95123	19.011	ng	96
60) Diethylphthalate	10.286	149	456792	21.647	ng	98
61) 4-Chlorophenyl-phenyle...	10.404	204	202085	20.435	ng	99
62) 4-Nitroaniline	10.451	138	77589	14.749	ng	95
63) Azobenzene	10.563	77	389600	20.058	ng	93
65) 4,6-Dinitro-2-methylph...	10.481	198	57813	19.320	ng	92
66) n-Nitrosodiphenylamine	10.528	169	345325	20.806	ng	98
67) 4-Bromophenyl-phenylether	10.892	248	124341	21.754	ng	# 89
68) Hexachlorobenzene	10.963	284	144246	22.411	ng	98
69) Atrazine	11.057	200	104913	22.672	ng	97
70) Pentachlorophenol	11.169	266	120424	44.583	ng	97
71) Phenanthrene	11.380	178	544409	19.974	ng	100
72) Anthracene	11.433	178	542586	19.287	ng	99
73) Carbazole	11.592	167	493926	18.645	ng	99
74) Di-n-butylphthalate	11.916	149	699826	23.013	ng	99
75) Fluoranthene	12.575	202	517928	16.305	ng	99
77) Benzidine	12.704	184	68352	10.182	ng	100
78) Pyrene	12.804	202	508128	20.326	ng	99
80) Butylbenzylphthalate	13.422	149	226861	22.654	ng	99
81) Benzo(a)anthracene	14.004	228	433777	19.775	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	107306	15.445	ng	# 98
83) Chrysene	14.039	228	408863	19.487	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	322068	26.473	ng	98
85) Di-n-octyl phthalate	14.598	149	525087	31.058	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	397324	17.276	ng	99
88) Benzo(b)fluoranthene	15.068	252	476172	21.621	ng	99
89) Benzo(k)fluoranthene	15.098	252	417920	19.296	ng	99
90) Benzo(a)pyrene	15.445	252	373680	18.357	ng	98
91) Dibenzo(a,h)anthracene	17.057	278	346897	18.677	ng	97
92) Benzo(g,h,i)perylene	17.509	276	302215	15.847	ng	98

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

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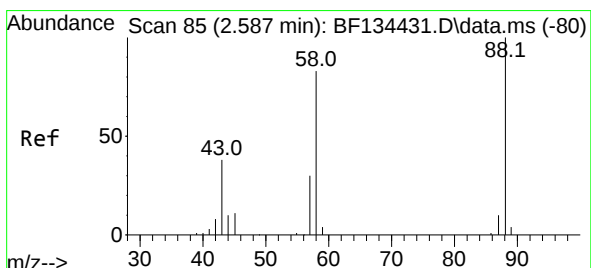
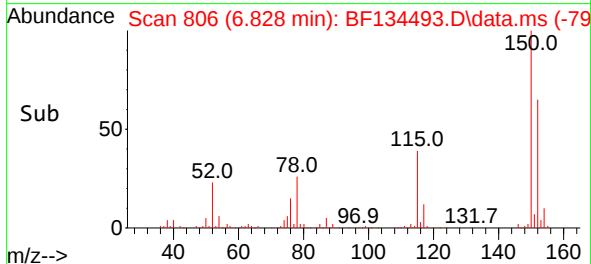
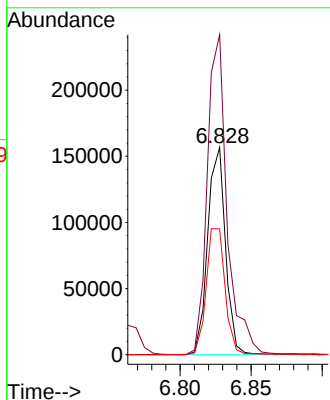
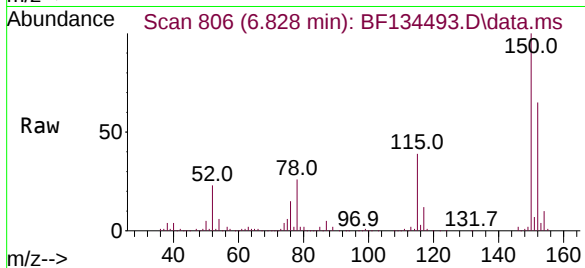




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BF134493.D
 Acq: 26 Jul 2023 21:18

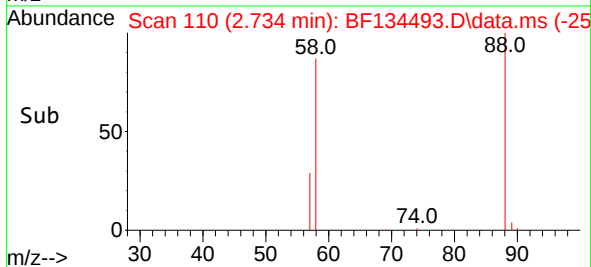
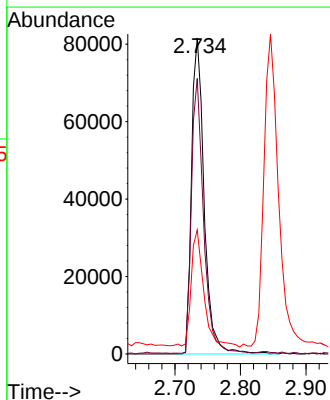
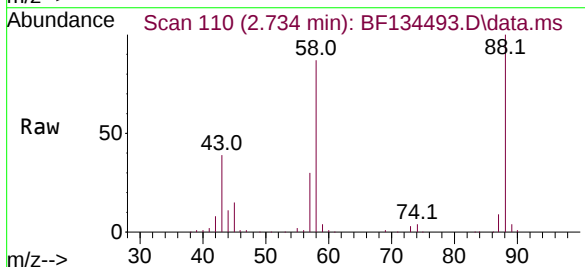
Instrument :
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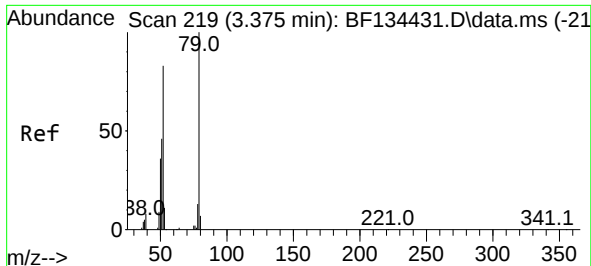
Tgt Ion:152 Resp: 137239
 Ion Ratio Lower Upper
 152 100
 150 154.5 128.3 192.5
 115 60.7 52.4 78.6



#2
 1,4-Dioxane
 Concen: 31.083 ng
 RT: 2.734 min Scan# 110
 Delta R.T. 0.147 min
 Lab File: BF134493.D
 Acq: 26 Jul 2023 21:18

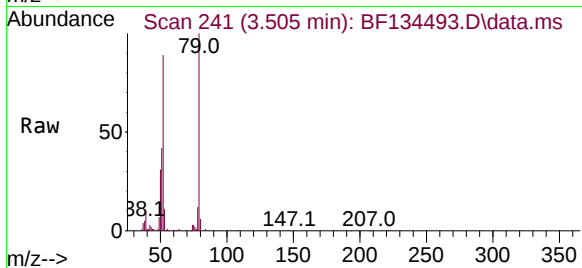
Tgt Ion: 88 Resp: 109514
 Ion Ratio Lower Upper
 88 100
 58 83.0 65.1 97.7
 43 0.0 30.3 45.5#



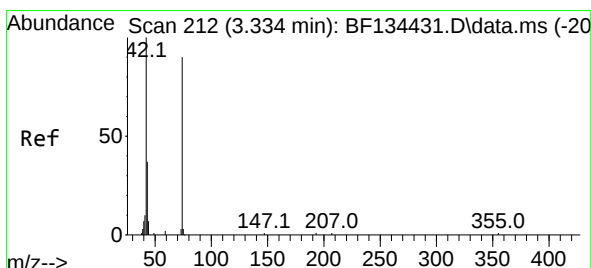
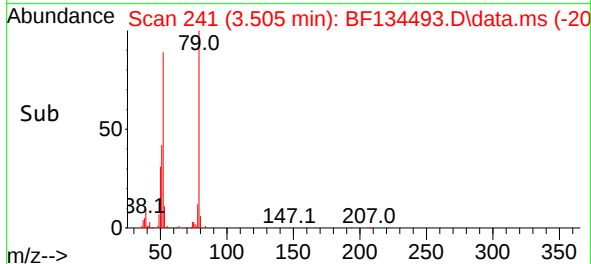
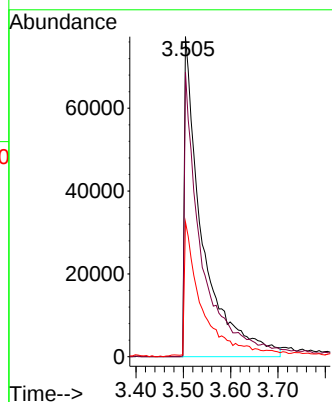


#3
 Pyridine
 Concen: 25.538 ng
 RT: 3.505 min Scan# 24
 Delta R.T. 0.130 min
 Lab File: BF134493.D
 Acq: 26 Jul 2023 21:18

Instrument :
 BNA_F
 ClientSampleId :

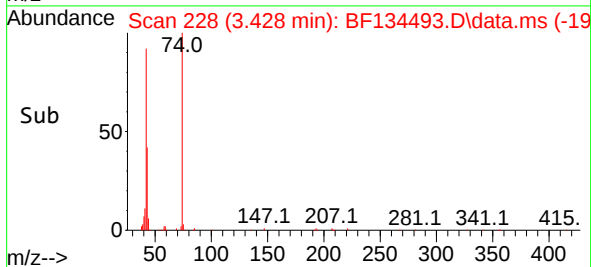
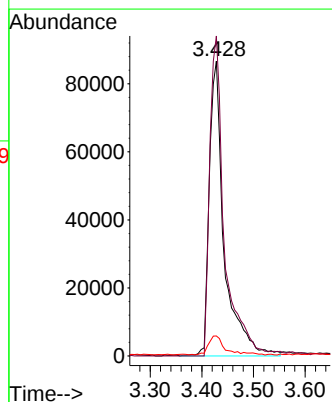
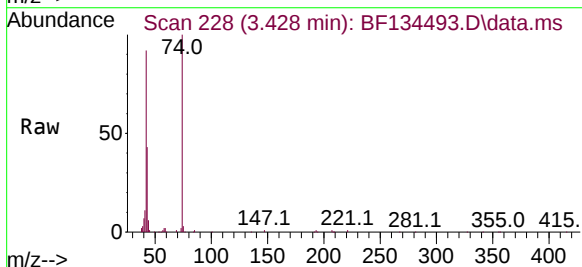


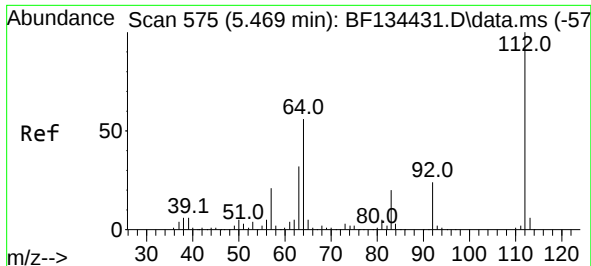
Tgt Ion: 79 Resp: 201972
 Ion Ratio Lower Upper
 79 100
 52 88.9 66.6 100.0
 51 42.0 36.5 54.7



#4
 n-Nitrosodimethylamine
 Concen: 37.164 ng
 RT: 3.428 min Scan# 228
 Delta R.T. 0.094 min
 Lab File: BF134493.D
 Acq: 26 Jul 2023 21:18

Tgt Ion: 42 Resp: 173697
 Ion Ratio Lower Upper
 42 100
 74 108.5 72.2 108.4#
 44 6.8 5.4 8.0

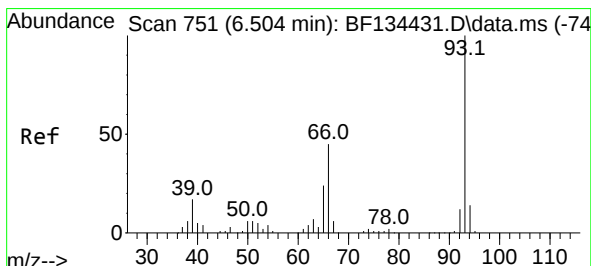
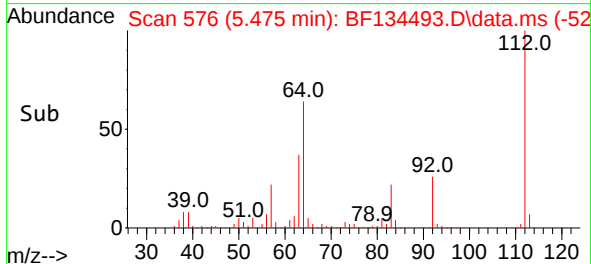
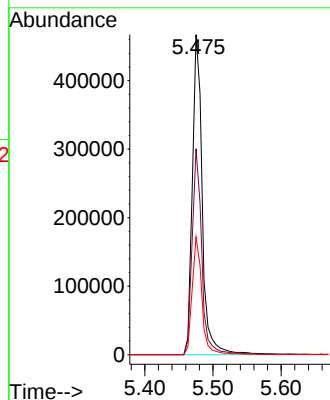
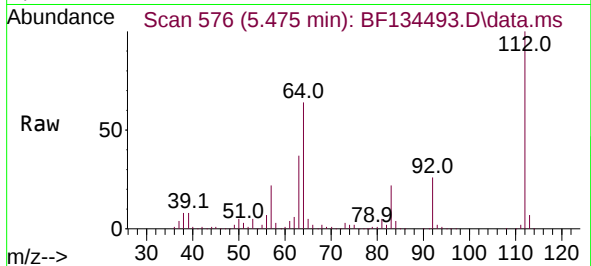




#5
2-Fluorophenol
Concen: 56.578 ng
RT: 5.475 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

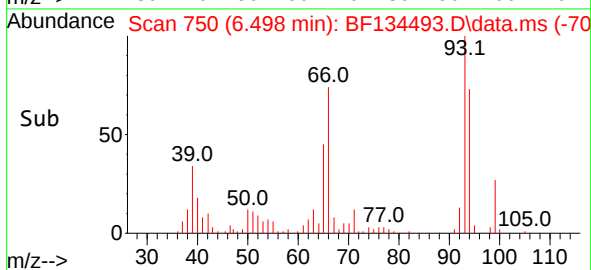
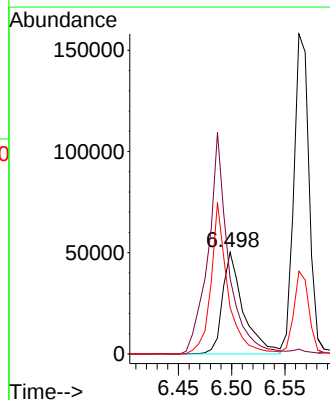
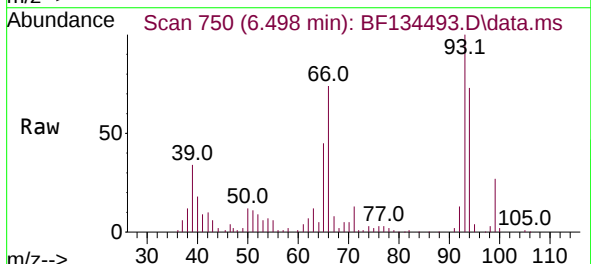
Instrument :
BNA_F
ClientSampleId :

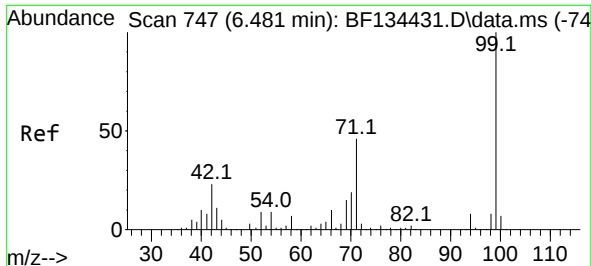
Tgt Ion:112 Resp: 469965
Ion Ratio Lower Upper
112 100
64 64.3 44.9 67.3
63 36.8 25.4 38.0



#6
Aniline
Concen: 5.708 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

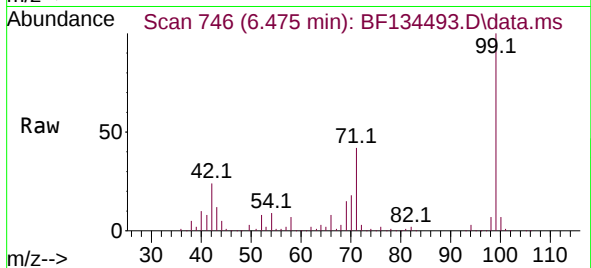
Tgt Ion: 93 Resp: 68462
Ion Ratio Lower Upper
93 100
66 74.1 36.8 55.2#
65 45.4 19.4 29.0#



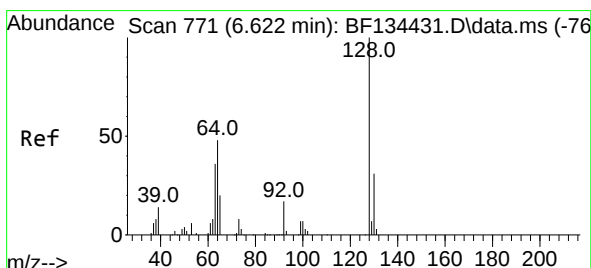
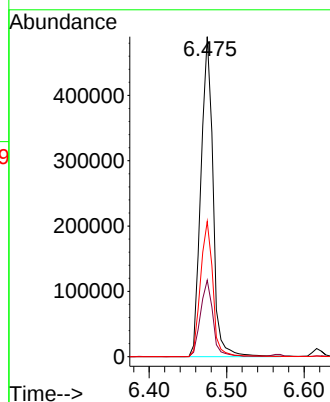
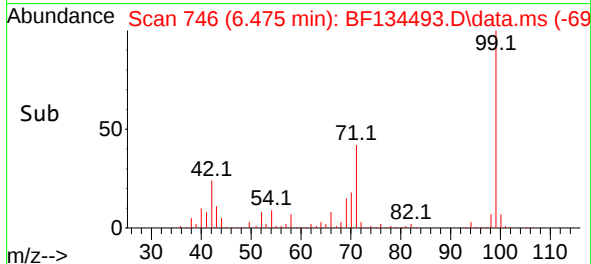


#7
Phenol-d6
Concen: 52.278 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

Instrument :
BNA_F
ClientSampleId :

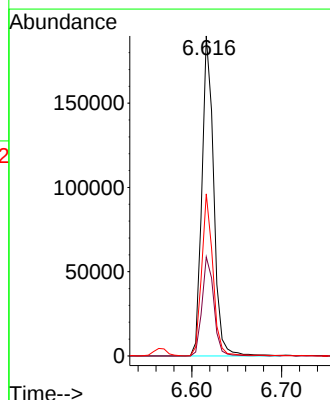
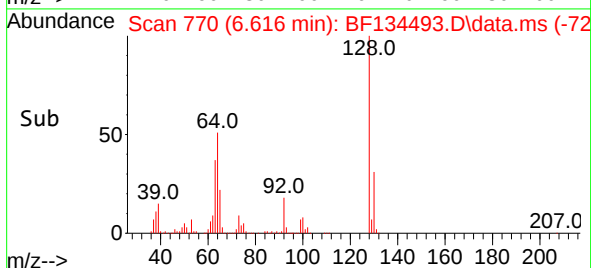
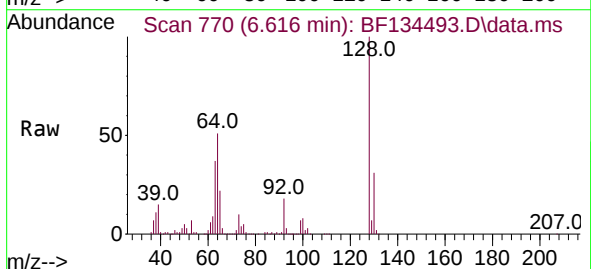


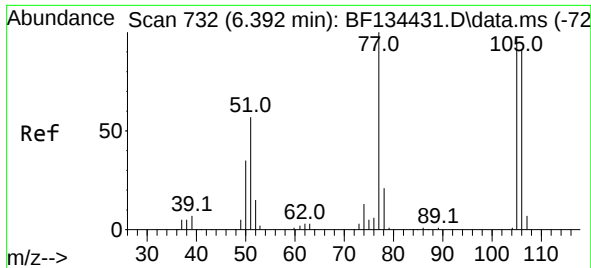
Tgt Ion: 99 Resp: 532034
Ion Ratio Lower Upper
99 100
42 23.9 18.7 28.1
71 42.2 36.4 54.6



#8
2-Chlorophenol
Concen: 20.582 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

Tgt Ion:128 Resp: 173196
Ion Ratio Lower Upper
128 100
130 31.0 11.1 51.1
64 50.7 31.9 71.9

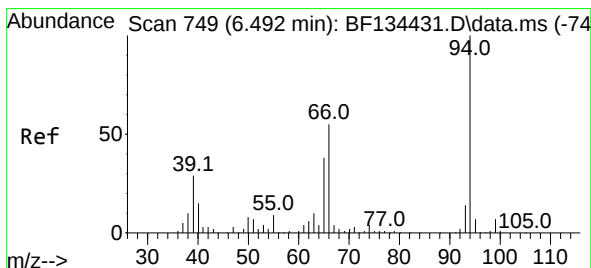
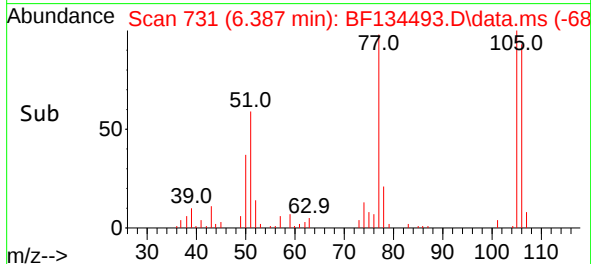
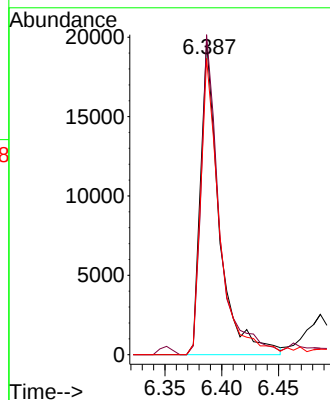
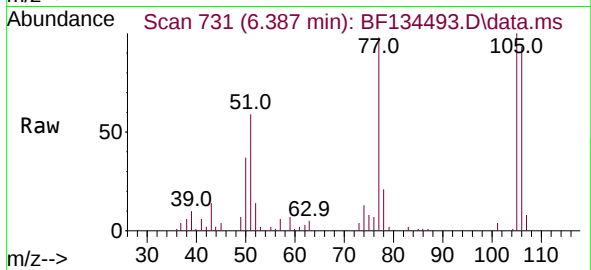




#9
Benzaldehyde
Concen: 4.136 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

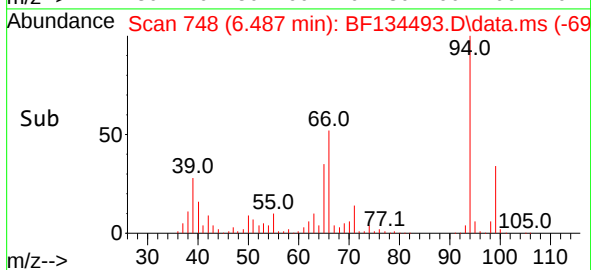
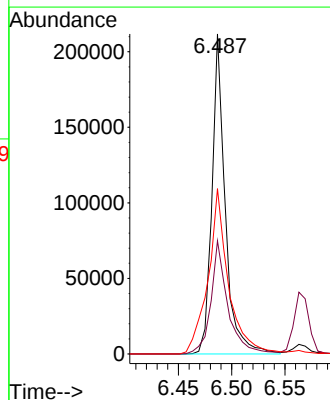
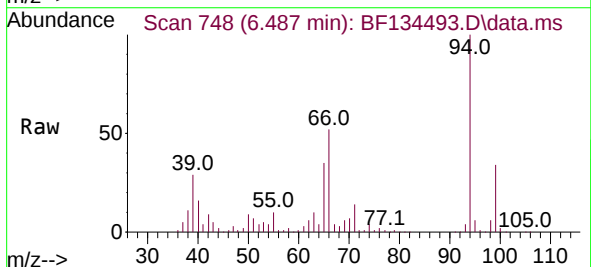
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BNA_F
ClientSampleId :

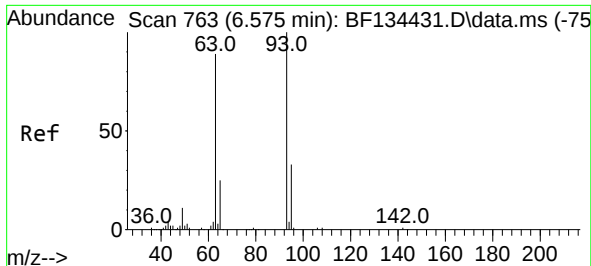
Tgt Ion: 77 Resp: 22543
Ion Ratio Lower Upper
77 100
105 102.2 77.1 117.1
106 94.6 71.4 111.4



#10
Phenol
Concen: 17.372 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

Tgt Ion: 94 Resp: 183951
Ion Ratio Lower Upper
94 100
65 35.4 17.8 57.8
66 51.7 35.2 75.2





#11

bis(2-Chloroethyl)ether

Concen: 21.220 ng

RT: 6.563 min Scan# 761

Delta R.T. -0.012 min

Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

Instrument :

BNA_F

ClientSampleId :

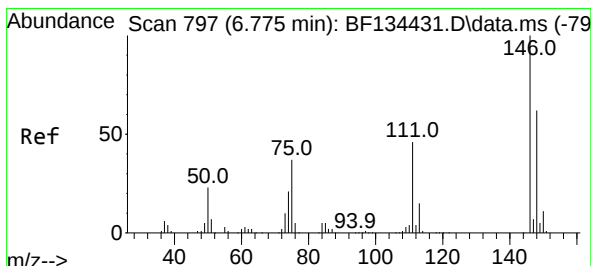
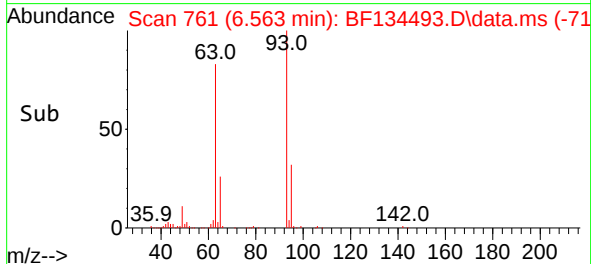
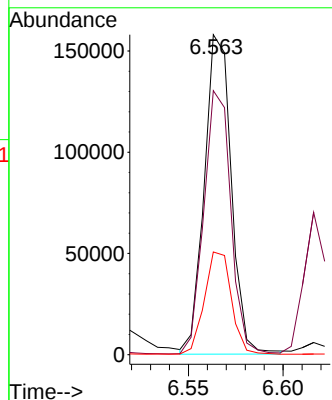
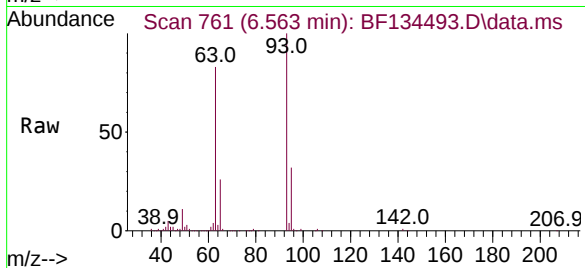
Tgt Ion: 93 Resp: 156856

Ion Ratio Lower Upper

93 100

63 82.5 68.4 108.4

95 32.1 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 20.435 ng

RT: 6.763 min Scan# 795

Delta R.T. -0.012 min

Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

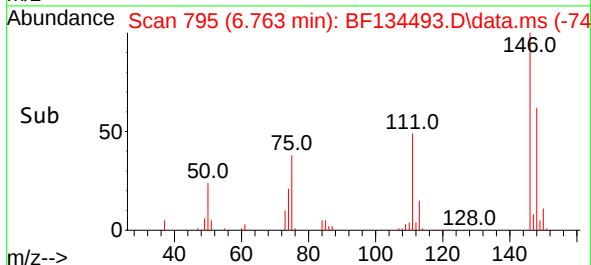
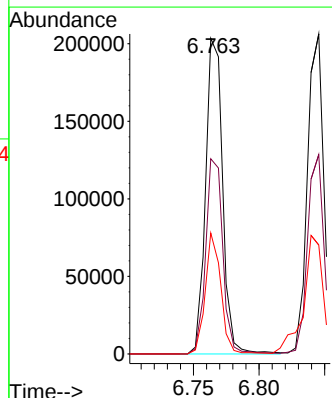
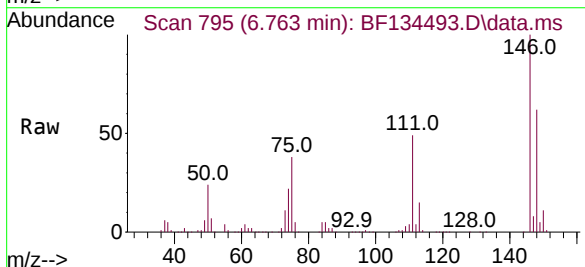
Tgt Ion:146 Resp: 184920

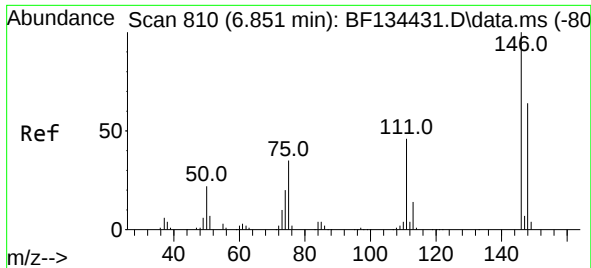
Ion Ratio Lower Upper

146 100

148 61.8 49.7 74.5

75 38.3 29.5 44.3

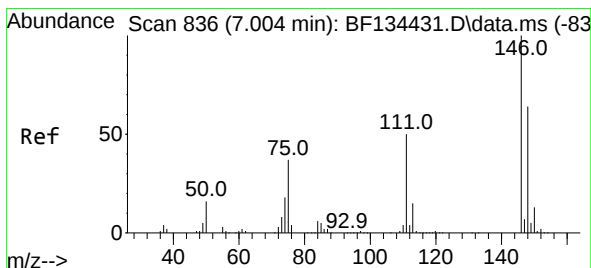
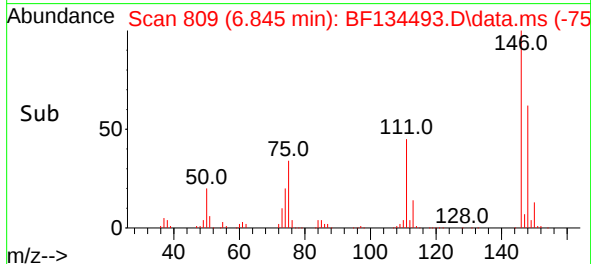
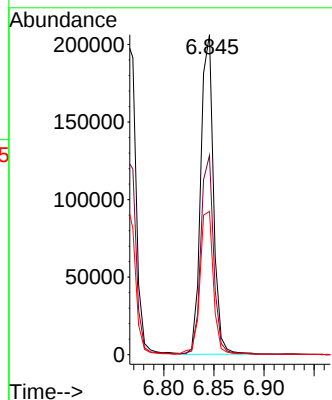
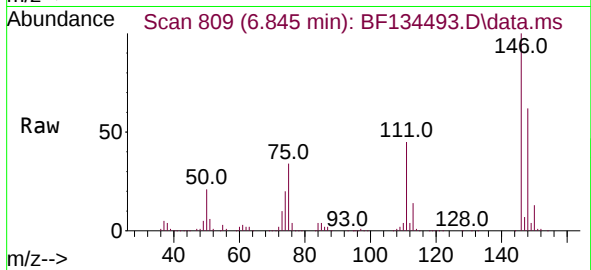




#13
1,4-Dichlorobenzene
Concen: 19.589 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

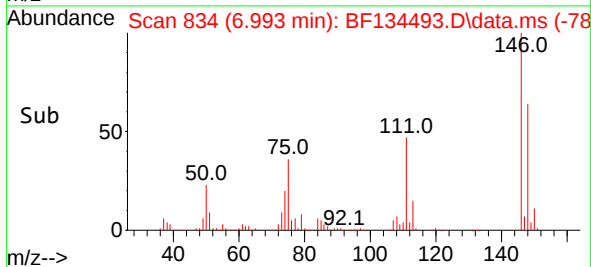
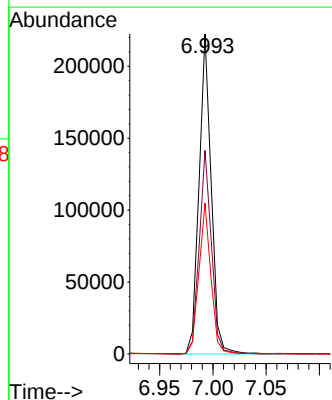
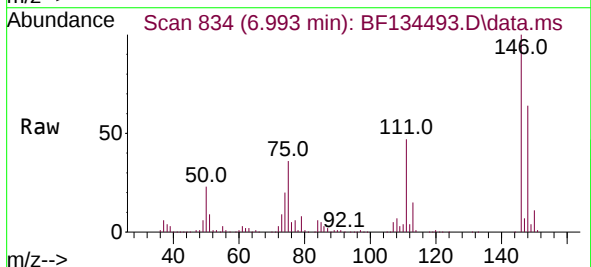
Instrument :
BNA_F
ClientSampleId :

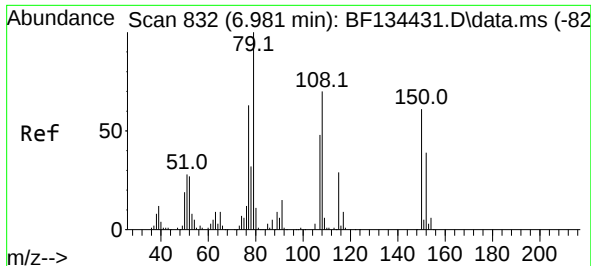
Tgt Ion:146 Resp: 182416
Ion Ratio Lower Upper
146 100
148 62.3 51.3 76.9
111 44.8 36.6 55.0



#14
1,2-Dichlorobenzene
Concen: 20.273 ng
RT: 6.993 min Scan# 834
Delta R.T. -0.012 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

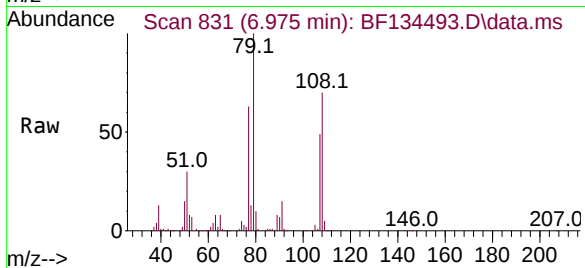
Tgt Ion:146 Resp: 177342
Ion Ratio Lower Upper
146 100
148 63.6 51.2 76.8
111 47.2 39.9 59.9



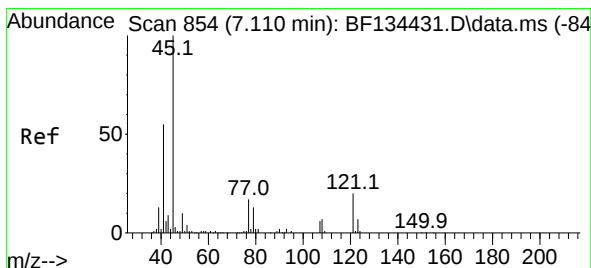
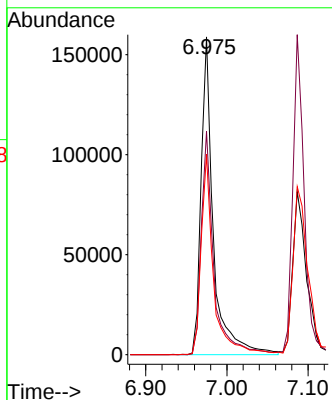
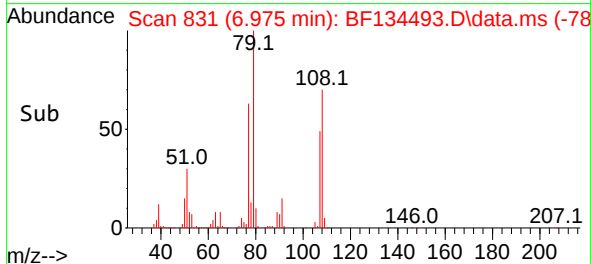


#15
Benzyl Alcohol
Concen: 21.238 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

Instrument :
BNA_F
ClientSampleId :

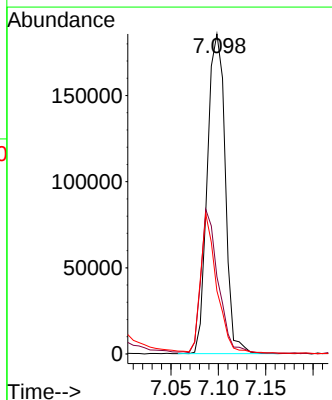
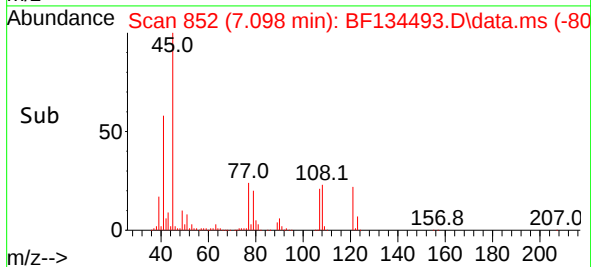
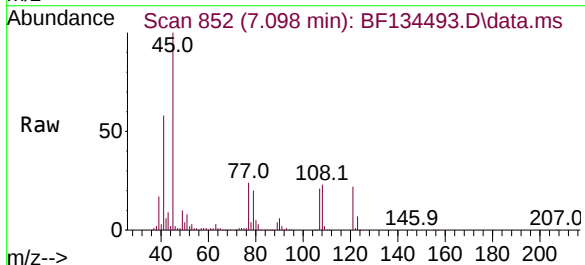


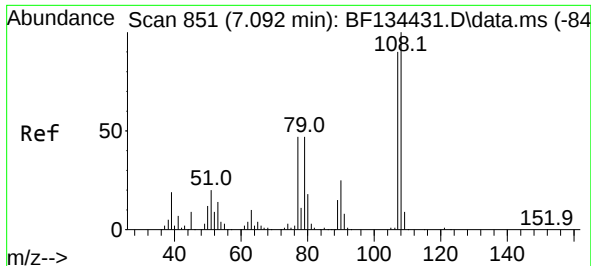
Tgt Ion: 79 Resp: 166880
Ion Ratio Lower Upper
79 100
108 70.3 56.3 84.5
77 63.1 50.6 76.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 22.218 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.012 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

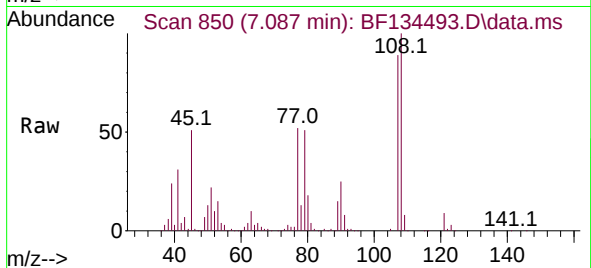
Tgt Ion: 45 Resp: 241859
Ion Ratio Lower Upper
45 100
77 24.1 0.0 37.8
79 19.7 0.0 34.5



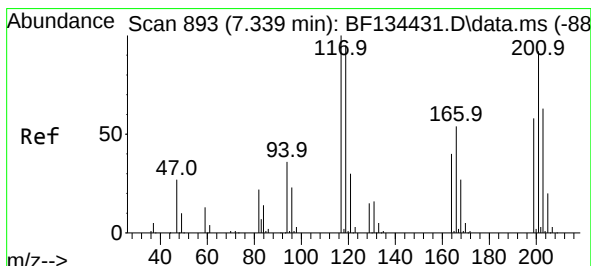
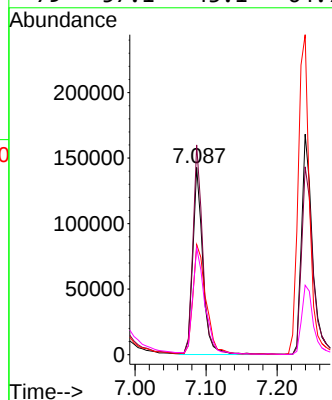
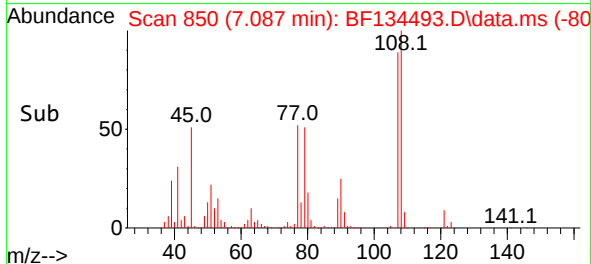


#17
2-Methylphenol
Concen: 18.756 ng
RT: 7.087 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

Instrument :
BNA_F
ClientSampleId :

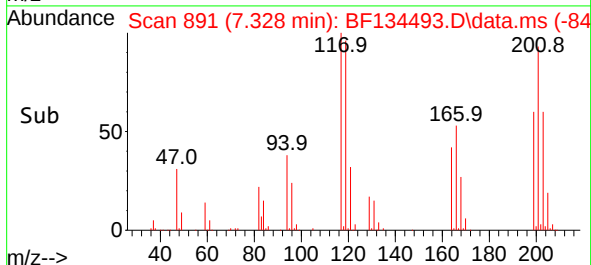
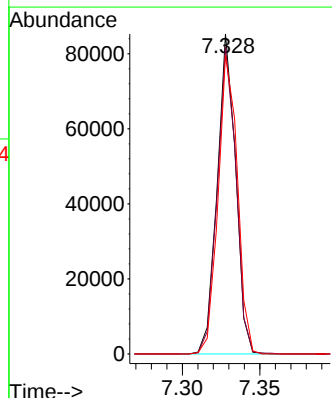
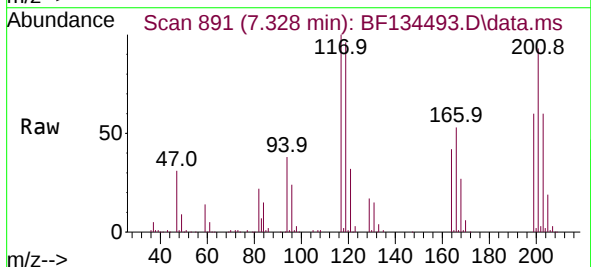


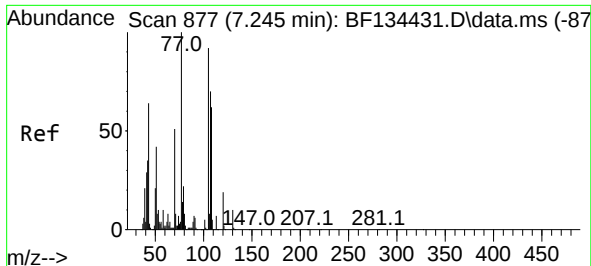
Tgt Ion:	107	Resp:	140759
Ion	Ratio	Lower	Upper
107	100		
108	112.1	89.4	134.2
77	58.8	42.4	63.6
79	57.1	43.1	64.7



#18
Hexachloroethane
Concen: 19.684 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.012 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

Tgt Ion:	117	Resp:	70421
Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.8	113.8
201	93.3	73.6	110.4





#19

n-Nitroso-di-n-propylamine

Concen: 21.507 ng

RT: 7.240 min Scan# 877

Delta R.T. -0.005 min

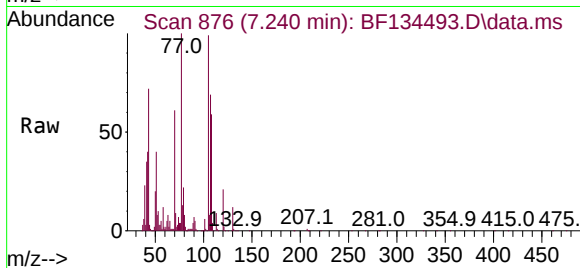
Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 70 Resp: 136259

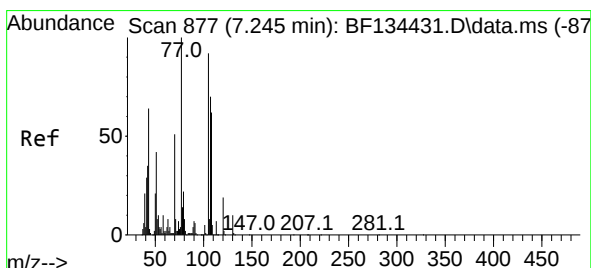
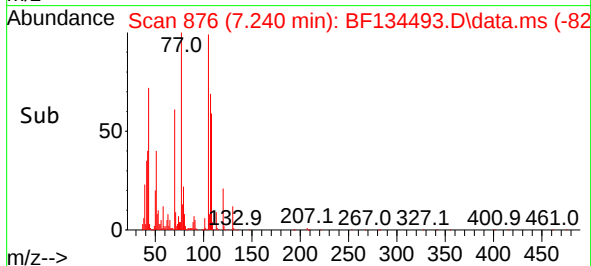
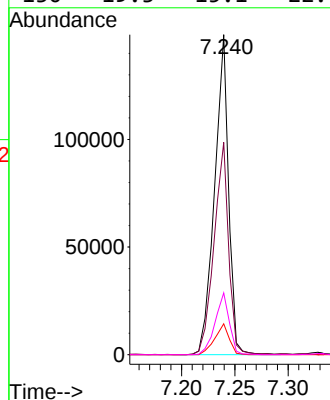
Ion Ratio Lower Upper

70 100

42 66.4 54.7 82.1

101 9.6 8.2 12.2

130 19.3 15.1 22.7



#20

3+4-Methylphenols

Concen: 19.022 ng

RT: 7.240 min Scan# 876

Delta R.T. -0.005 min

Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

Tgt Ion: 107 Resp: 182783

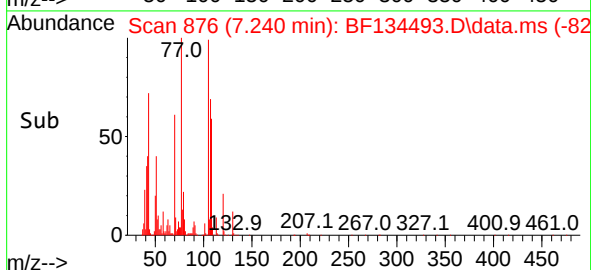
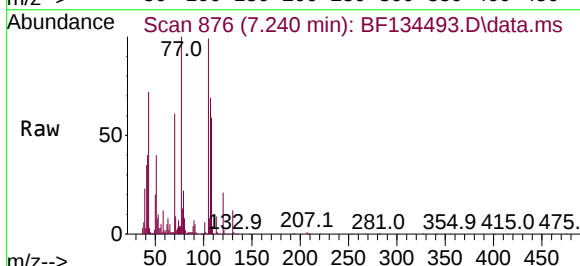
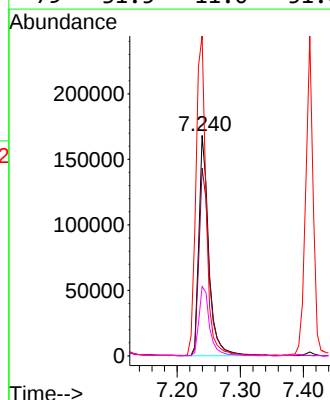
Ion Ratio Lower Upper

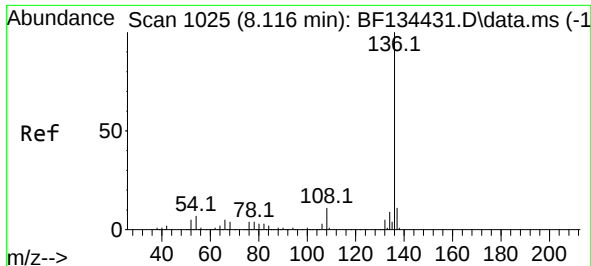
107 100

108 85.2 68.1 108.1

77 145.1 122.1 162.1

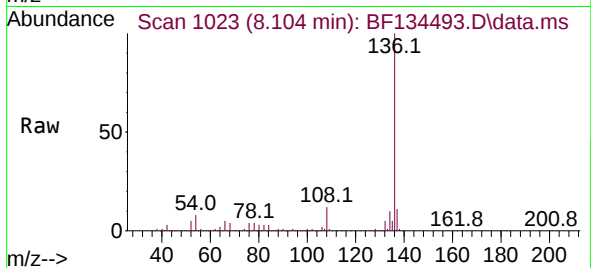
79 31.5 11.0 51.0



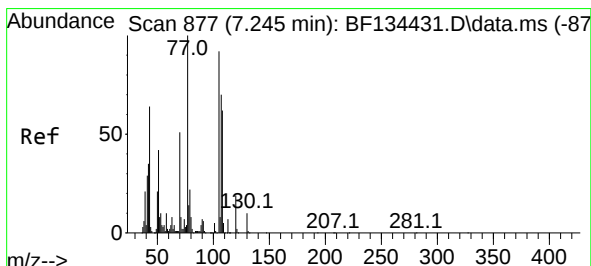
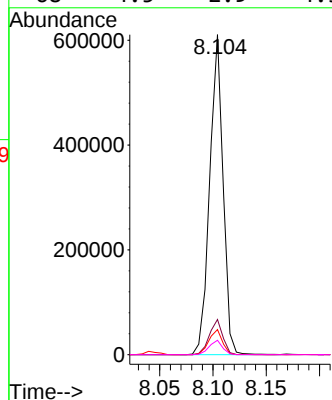
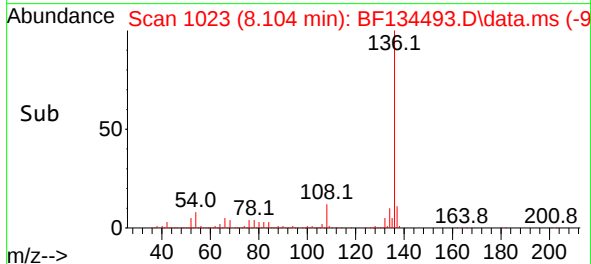


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.012 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

Instrument :
BNA_F
ClientSampleId :

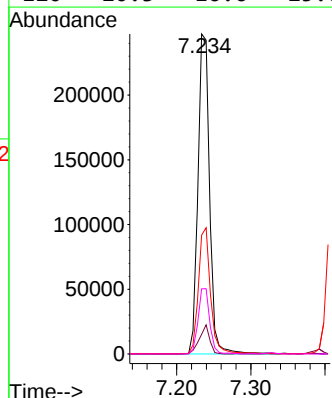
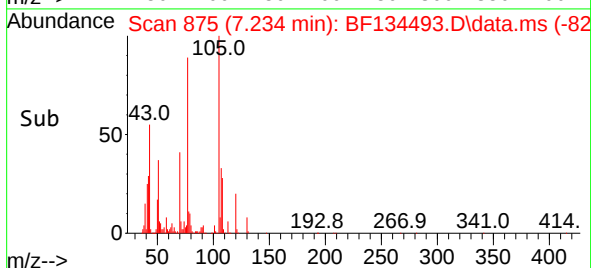
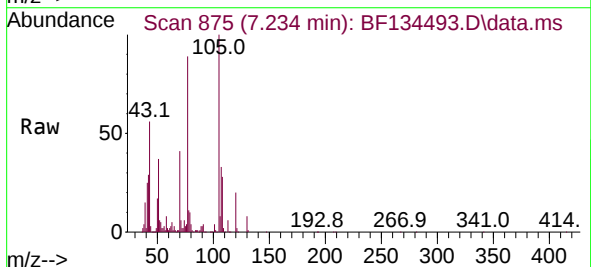


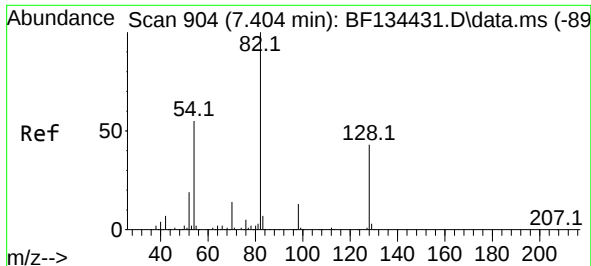
Tgt Ion:136 Resp: 535442
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.8 5.2 7.8#
68 4.5 2.9 4.3#



#22
Acetophenone
Concen: 20.235 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

Tgt Ion:105 Resp: 269457
Ion Ratio Lower Upper
105 100
71 6.2 7.4 11.0#
51 37.2 36.4 54.6
120 20.3 16.6 25.0





#23

Nitrobenzene-d5

Concen: 39.782 ng

RT: 7.393 min Scan# 904

Delta R.T. -0.012 min

Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

Instrument :

BNA_F

ClientSampleId :

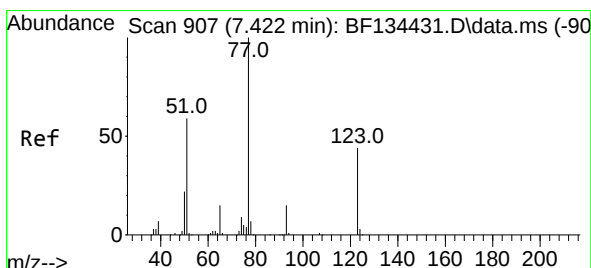
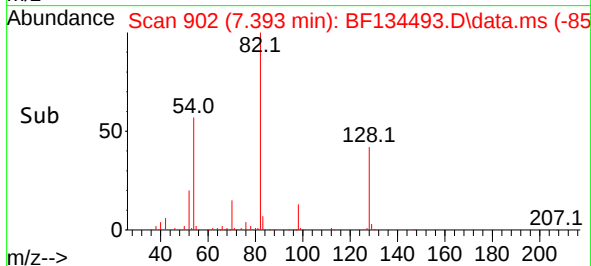
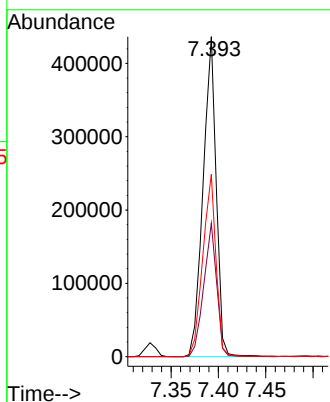
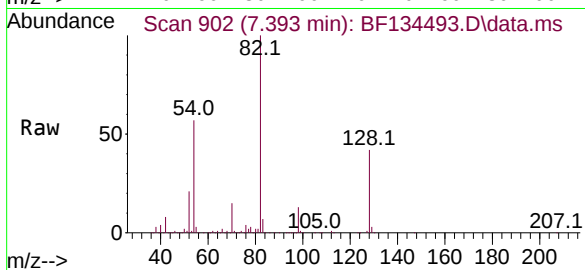
Tgt Ion: 82 Resp: 421010

Ion Ratio Lower Upper

82 100

128 41.7 34.3 51.5

54 57.0 43.8 65.6



#24

Nitrobenzene

Concen: 19.098 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

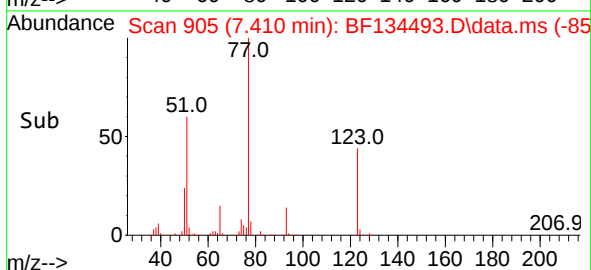
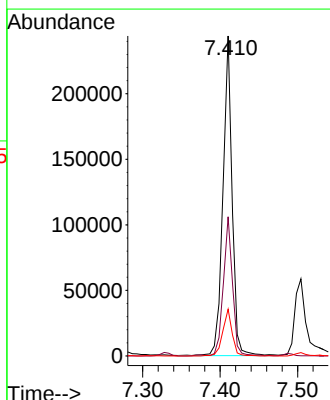
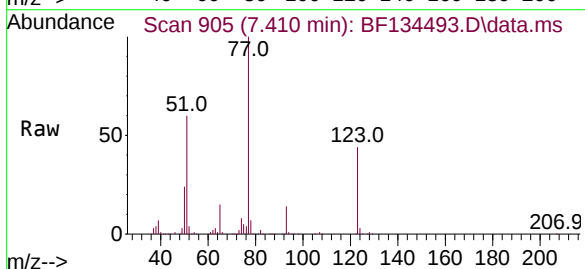
Tgt Ion: 77 Resp: 201006

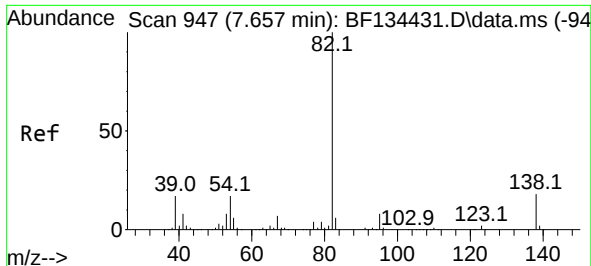
Ion Ratio Lower Upper

77 100

123 43.5 35.5 53.3

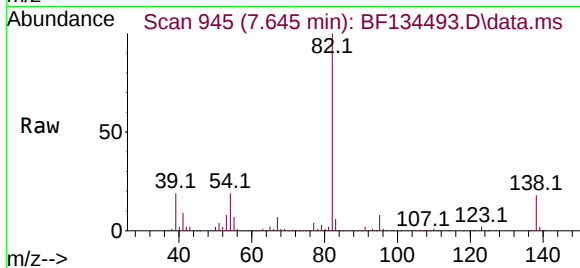
65 14.6 11.9 17.9



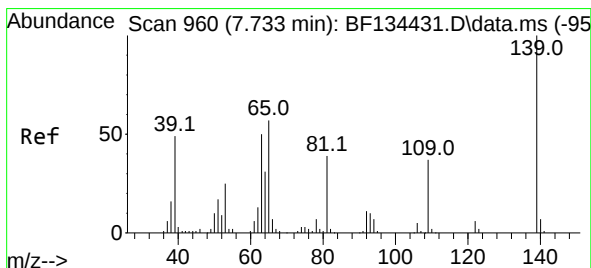
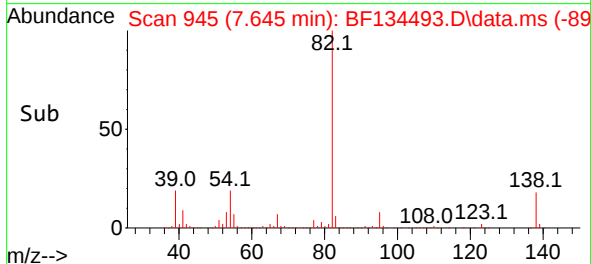
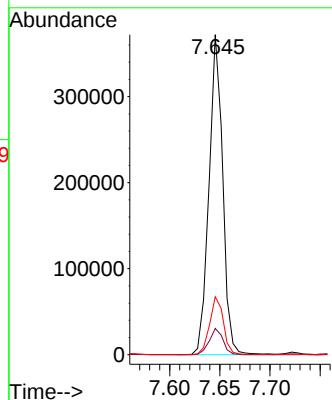


#25
Isophorone
Concen: 20.146 ng
RT: 7.645 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

Instrument :
BNA_F
ClientSampleId :

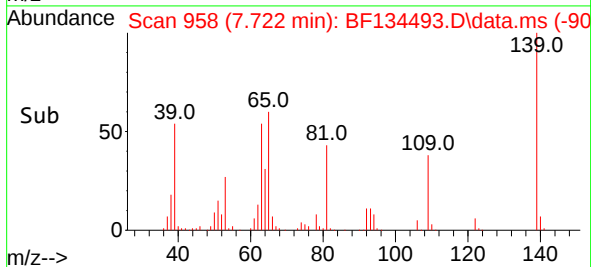
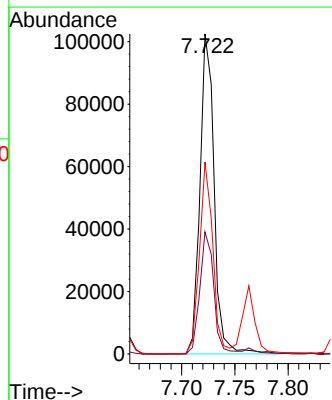
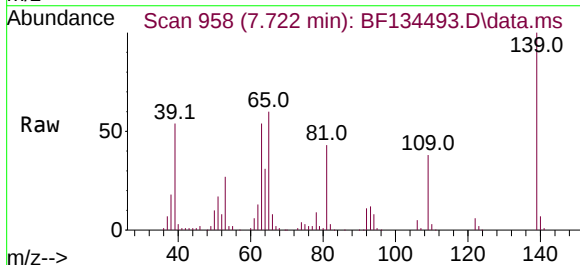


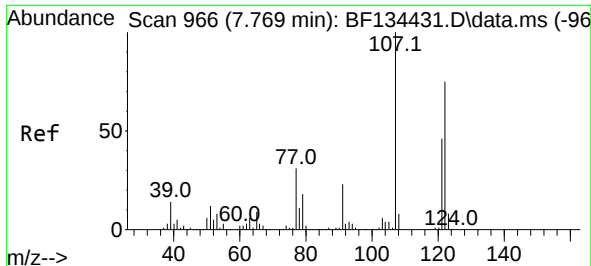
Tgt Ion: 82 Resp: 355337
Ion Ratio Lower Upper
82 100
95 8.2 6.0 9.0
138 18.1 14.6 22.0



#26
2-Nitrophenol
Concen: 19.675 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.012 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

Tgt Ion:139 Resp: 95243
Ion Ratio Lower Upper
139 100
109 38.2 29.8 44.6
65 60.0 45.4 68.2





#27

2,4-Dimethylphenol

Concen: 18.441 ng

RT: 7.763 min Scan# 90

Delta R.T. -0.006 min

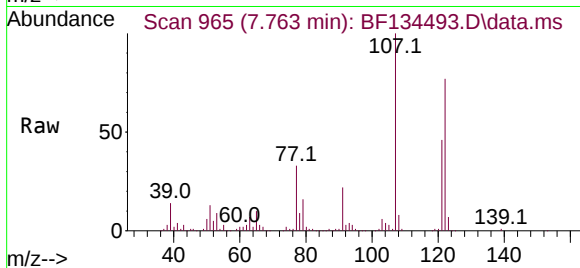
Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

Instrument :

BNA_F

ClientSampleId :



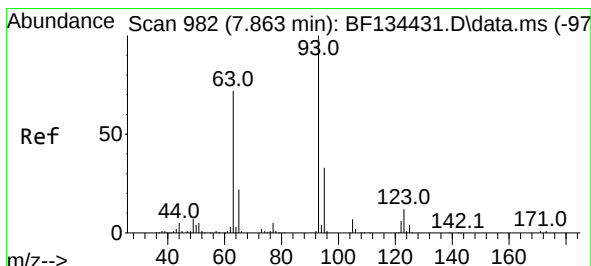
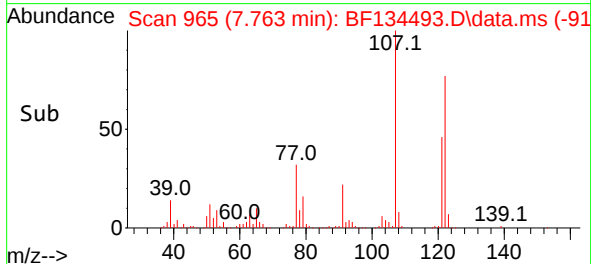
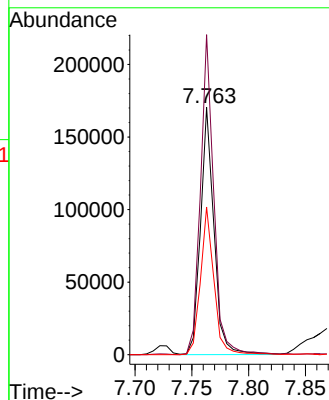
Tgt Ion:122 Resp: 140875

Ion Ratio Lower Upper

122 100

107 129.4 106.7 160.1

121 59.7 49.0 73.6



#28

bis(2-Chloroethoxy)methane

Concen: 21.080 ng

RT: 7.851 min Scan# 980

Delta R.T. -0.012 min

Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

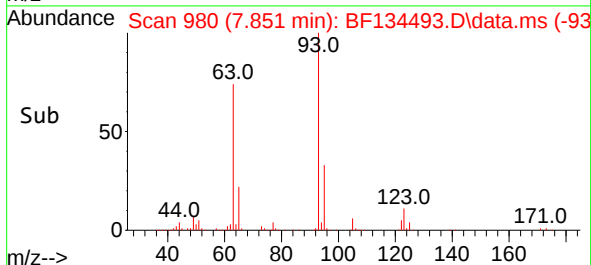
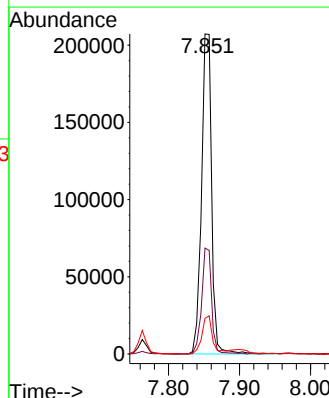
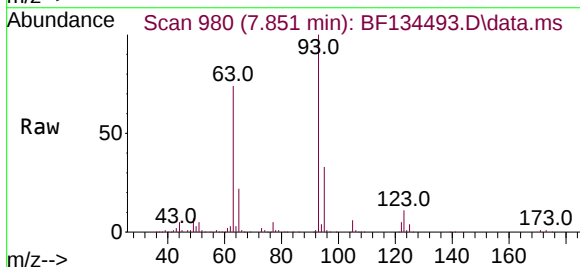
Tgt Ion: 93 Resp: 206949

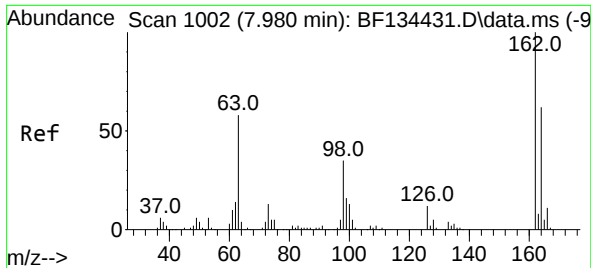
Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

123 11.1 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 19.986 ng

RT: 7.969 min Scan# 1000

Delta R.T. -0.012 min

Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

Instrument :

BNA_F

ClientSampleId :

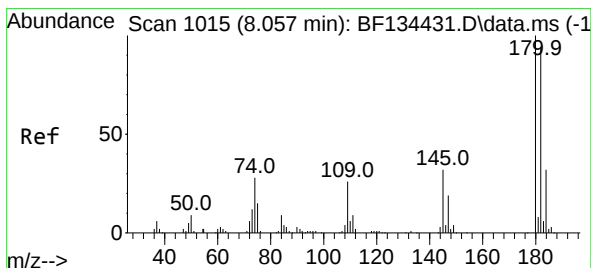
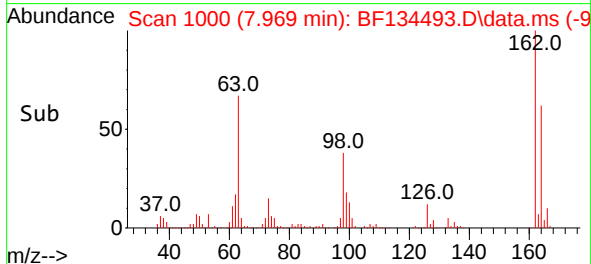
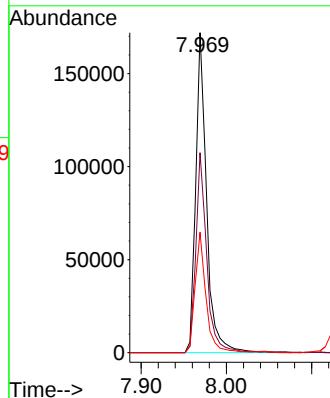
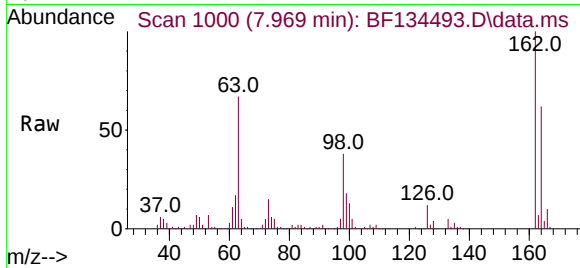
Tgt Ion:162 Resp: 152629

Ion Ratio Lower Upper

162 100

164 62.5 42.2 82.2

98 37.7 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 20.025 ng

RT: 8.045 min Scan# 1013

Delta R.T. -0.012 min

Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

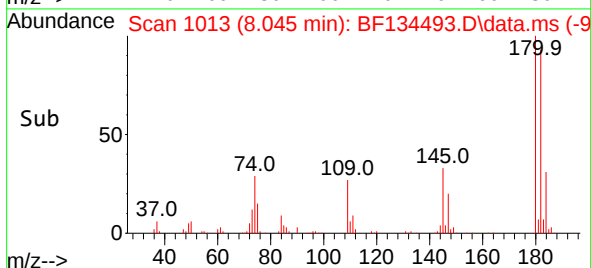
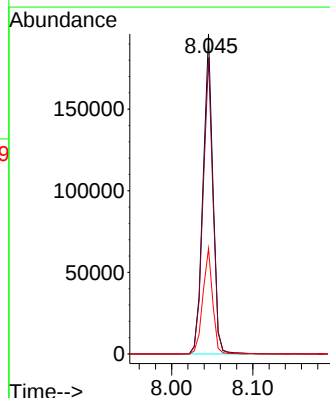
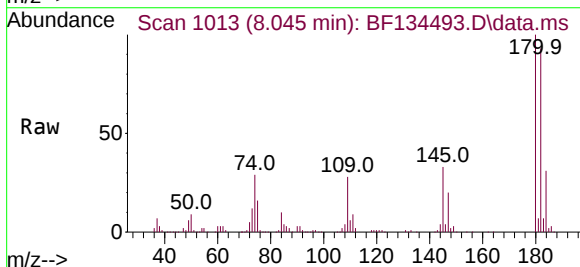
Tgt Ion:180 Resp: 164959

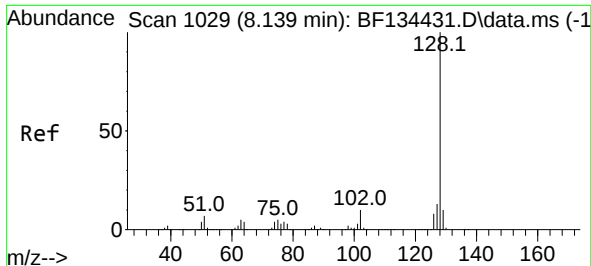
Ion Ratio Lower Upper

180 100

182 92.6 75.0 112.6

145 33.0 25.5 38.3

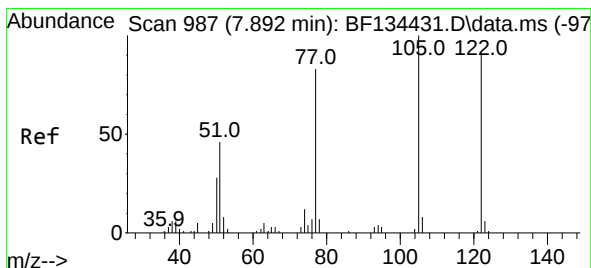
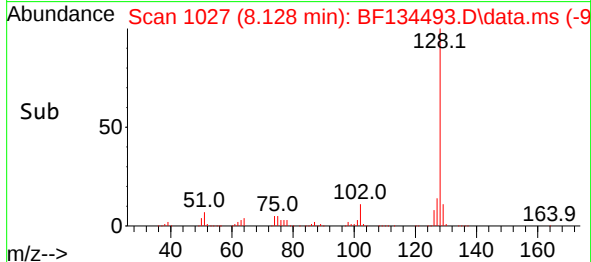
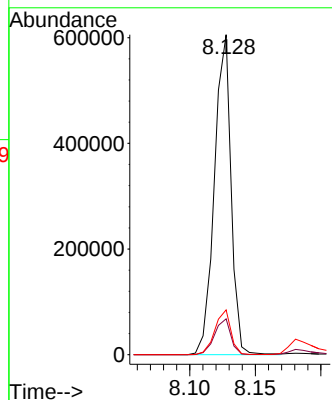
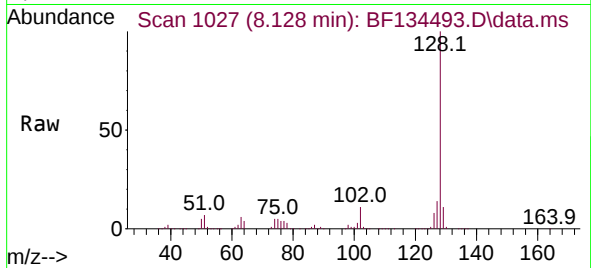




#31
Naphthalene
Concen: 20.046 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.012 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

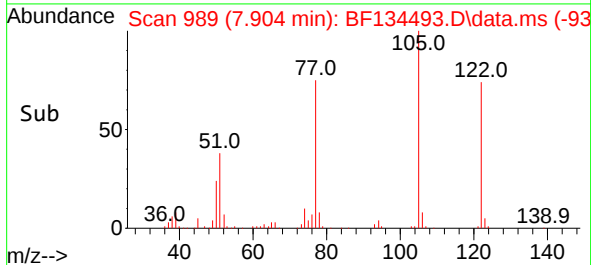
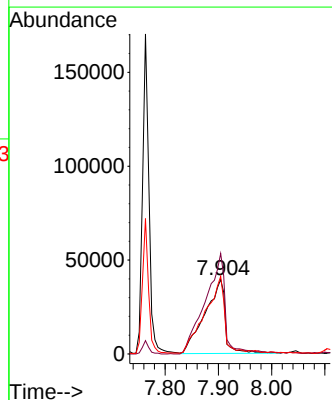
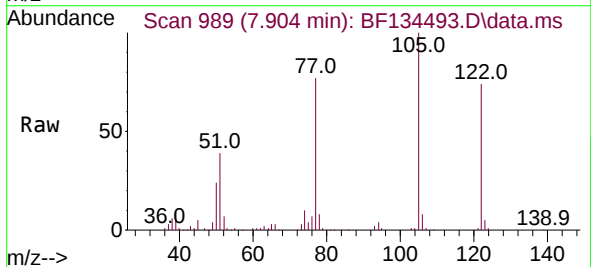
Instrument :
BNA_F
ClientSampleId :

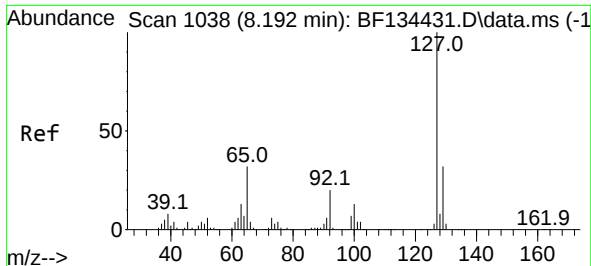
Tgt Ion:128 Resp: 534174
Ion Ratio Lower Upper
128 100
129 11.2 8.4 12.6
127 14.0 10.7 16.1



#32
Benzoic acid
Concen: 20.597 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.012 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

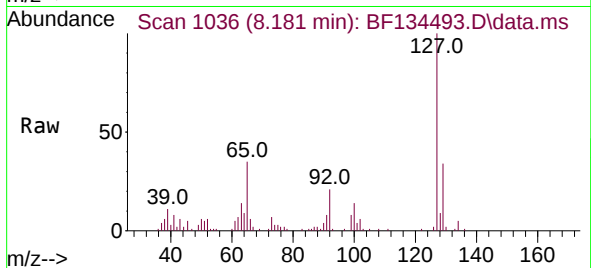
Tgt Ion:122 Resp: 105101
Ion Ratio Lower Upper
122 100
105 135.0 87.5 127.5#
77 104.2 71.4 111.4



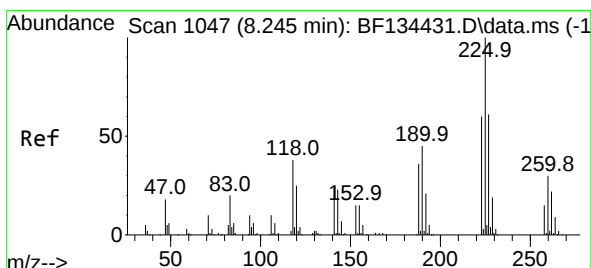
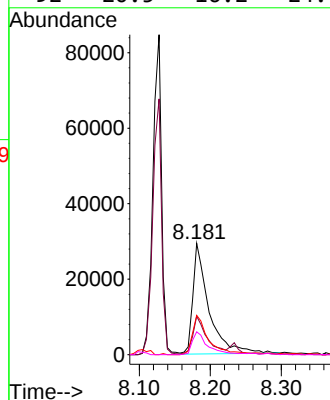
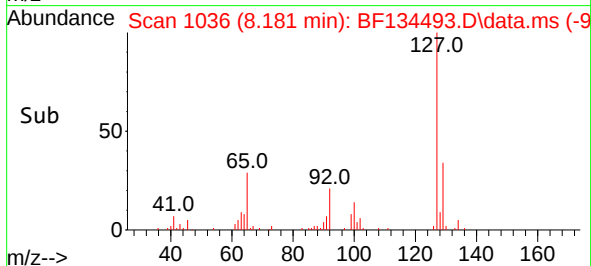


#33
4-Chloroaniline
Concen: 4.167 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.012 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

Instrument :
BNA_F
ClientSampleId :

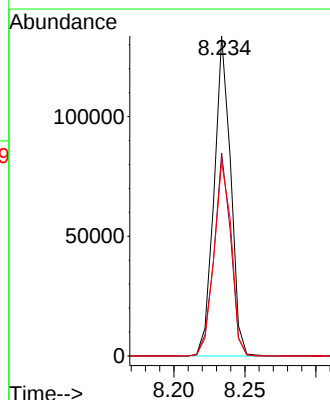
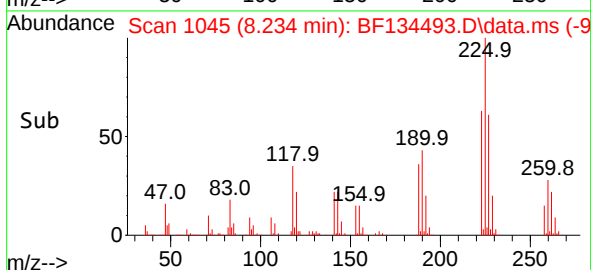
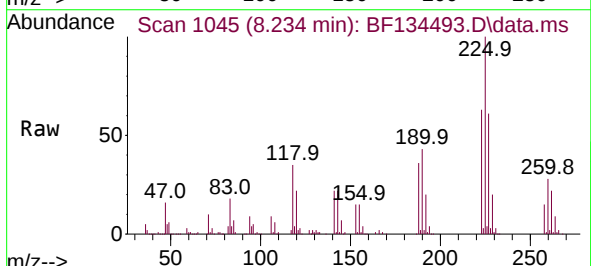


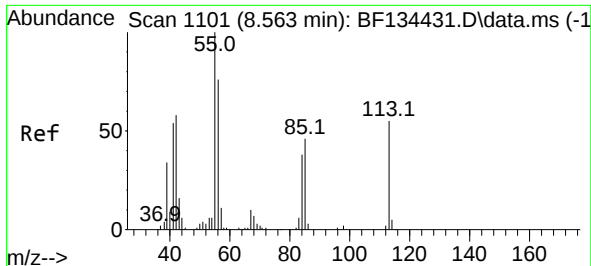
Tgt Ion:	127	Resp:	45899
Ion	Ratio	Lower	Upper
127	100		
129	34.5	25.6	38.4
65	35.3	25.4	38.0
92	20.5	16.2	24.4



#34
Hexachlorobutadiene
Concen: 19.572 ng
RT: 8.234 min Scan# 1045
Delta R.T. -0.012 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

Tgt Ion:	225	Resp:	108006
Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.2	72.4
227	60.7	48.5	72.7

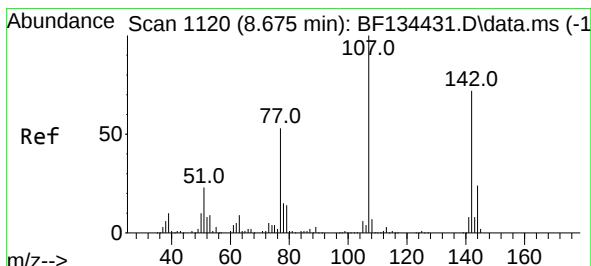
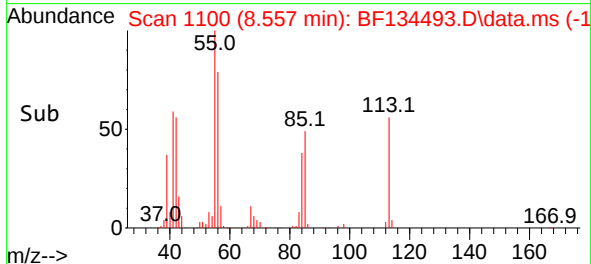
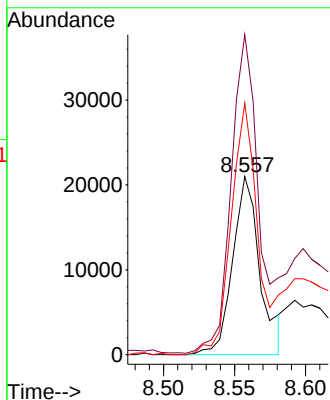
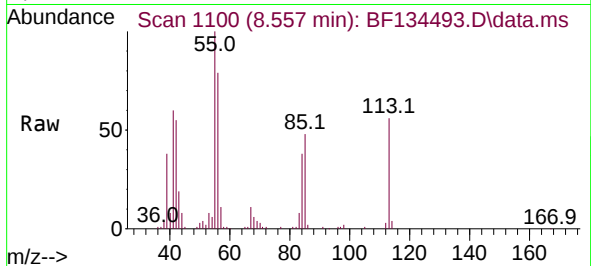




#35
Caprolactam
Concen: 11.989 ng
RT: 8.557 min Scan# 1101
Delta R.T. -0.006 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

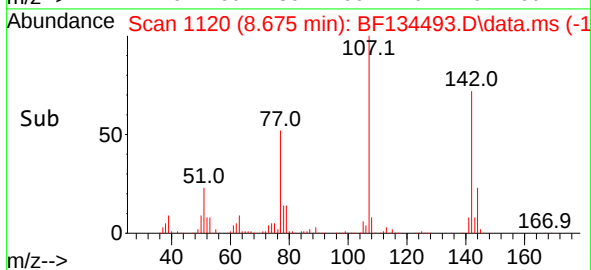
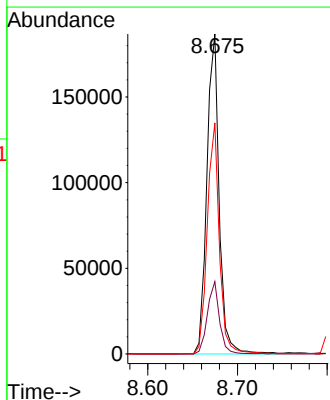
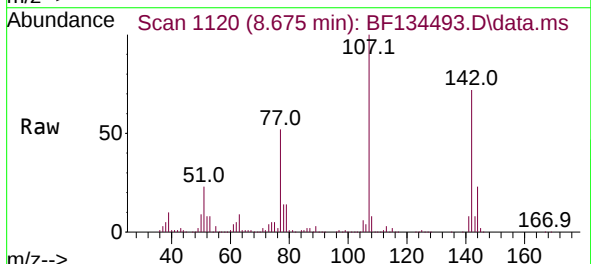
Instrument :
BNA_F
ClientSampleId :

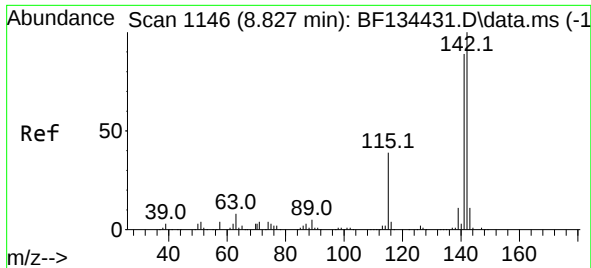
Tgt Ion:113 Resp: 27995
Ion Ratio Lower Upper
113 100
55 179.6 161.5 201.5
56 141.2 117.8 157.8



#36
4-Chloro-3-methylphenol
Concen: 20.205 ng
RT: 8.675 min Scan# 1120
Delta R.T. 0.000 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

Tgt Ion:107 Resp: 178037
Ion Ratio Lower Upper
107 100
144 22.6 19.6 29.4
142 72.2 57.7 86.5

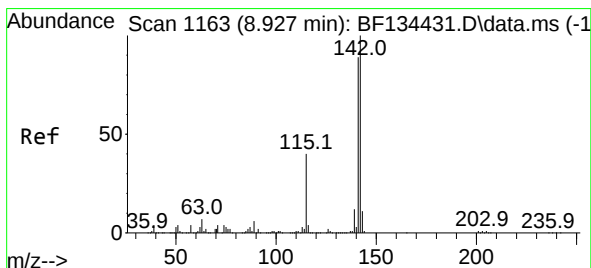
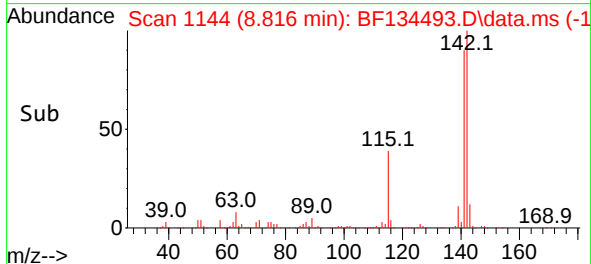
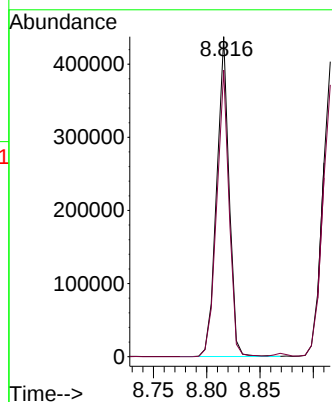
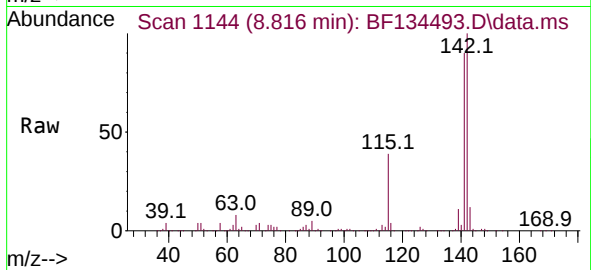




#37
2-Methylnaphthalene
Concen: 19.201 ng
RT: 8.816 min Scan# 1144
Delta R.T. -0.011 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

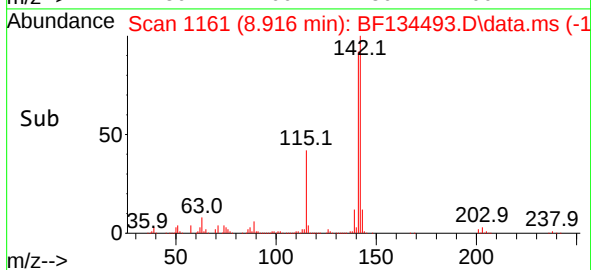
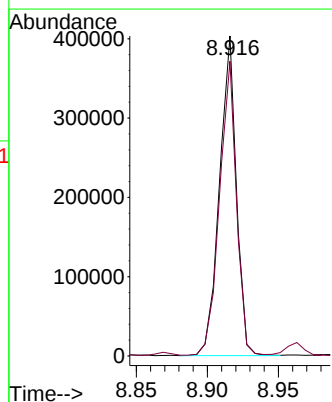
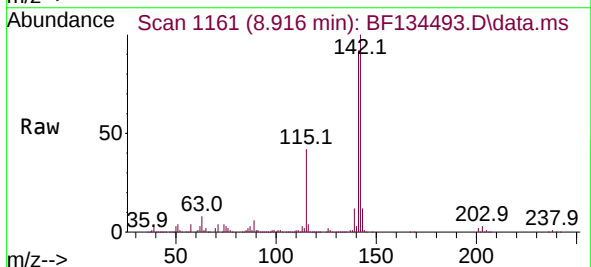
Instrument :
BNA_F
ClientSampleId :

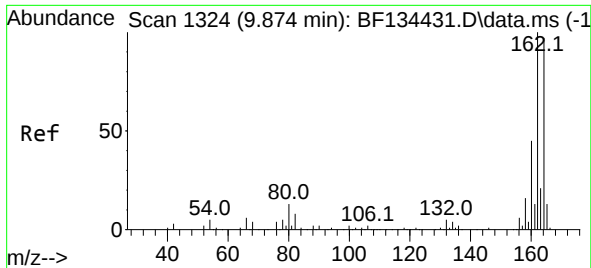
Tgt Ion:142 Resp: 355525
Ion Ratio Lower Upper
142 100
141 89.6 70.8 106.2



#38
1-Methylnaphthalene
Concen: 19.384 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.011 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

Tgt Ion:142 Resp: 332961
Ion Ratio Lower Upper
142 100
141 92.1 71.4 107.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.012 min

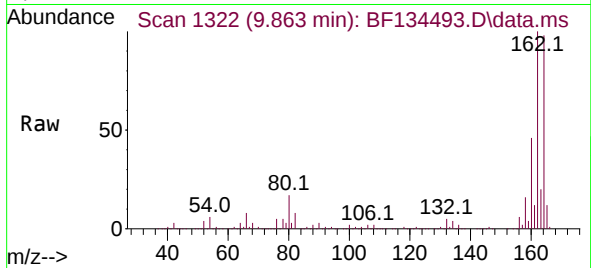
Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

Instrument :

BNA_F

ClientSampleId :



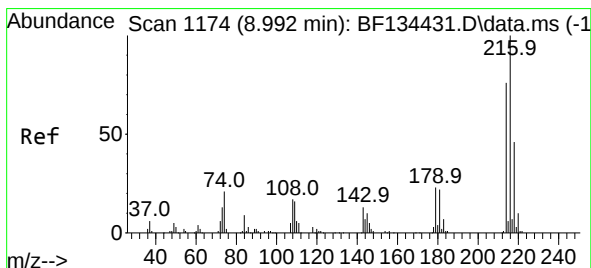
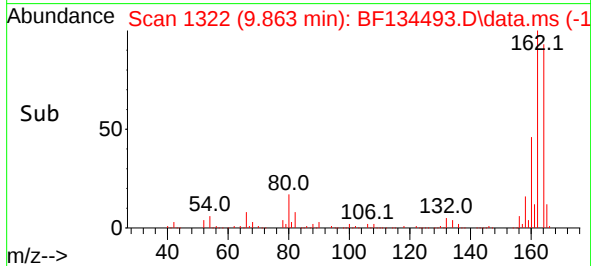
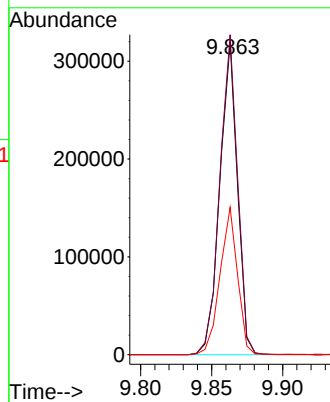
Tgt Ion:164 Resp: 274952

Ion Ratio Lower Upper

164 100

162 102.4 82.6 123.8

160 47.2 37.2 55.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 19.903 ng

RT: 8.981 min Scan# 1172

Delta R.T. -0.012 min

Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

Tgt Ion:216 Resp: 173418

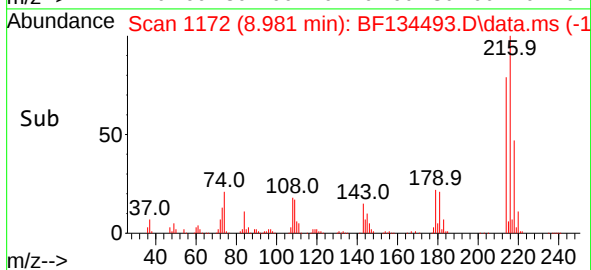
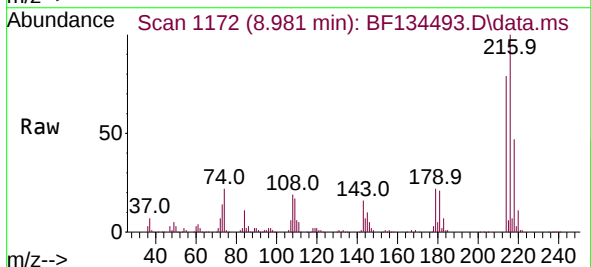
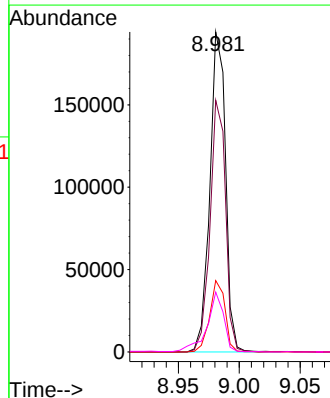
Ion Ratio Lower Upper

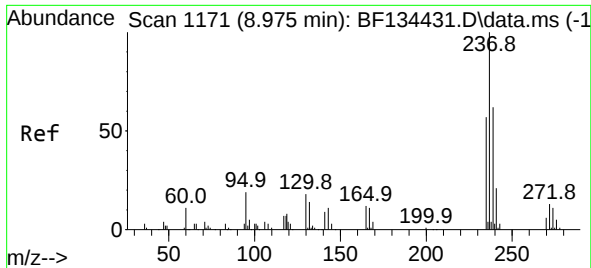
216 100

214 77.6 62.3 93.5

179 21.8 17.4 26.0

108 20.2 14.5 21.7

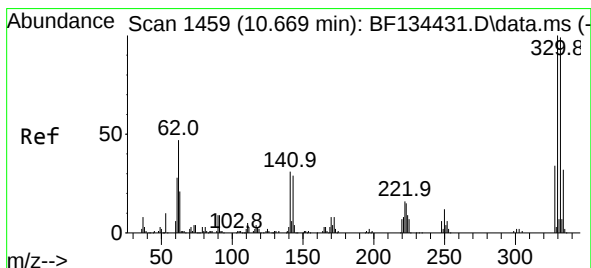
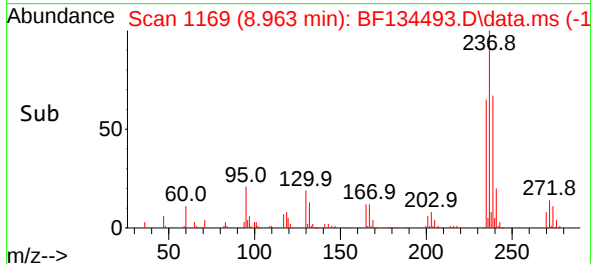
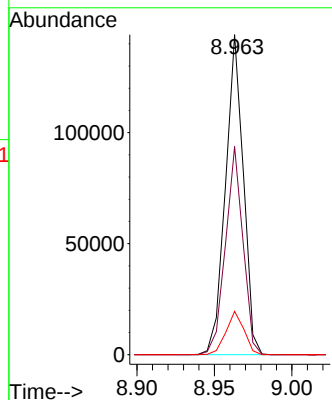
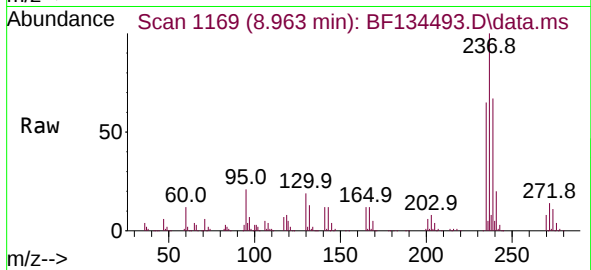




#41
Hexachlorocyclopentadiene
Concen: 48.417 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

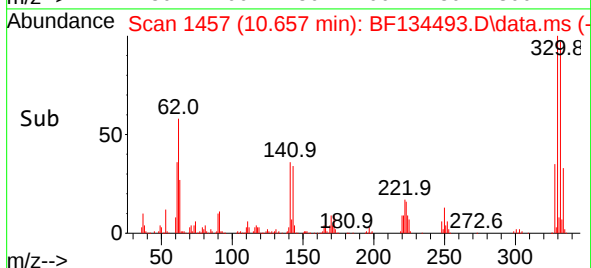
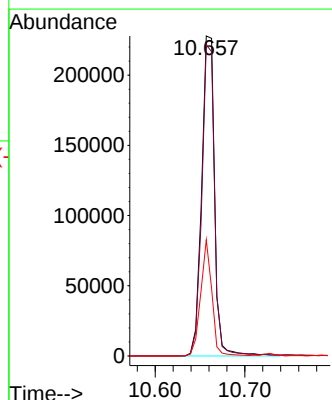
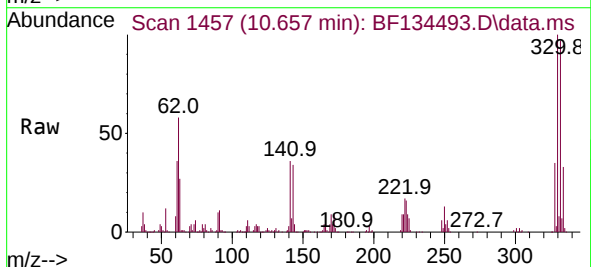
Instrument :
BNA_F
ClientSampleId :

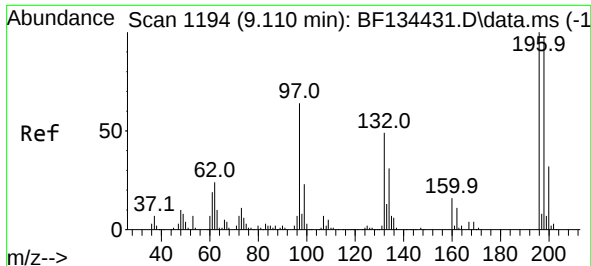
Tgt Ion:237 Resp: 115662
Ion Ratio Lower Upper
237 100
235 65.0 37.0 77.0
272 13.5 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 58.372 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.012 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

Tgt Ion:330 Resp: 228036
Ion Ratio Lower Upper
330 100
332 95.5 78.8 118.2
141 31.5 25.4 38.2





#43

2,4,6-Trichlorophenol

Concen: 20.334 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.006 min

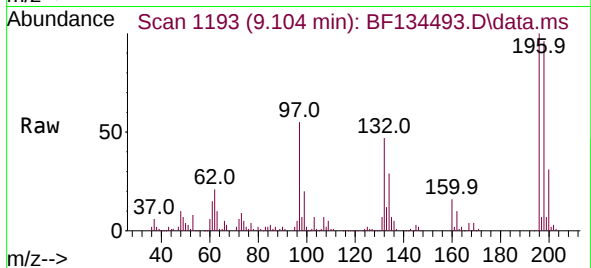
Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

Instrument :

BNA_F

ClientSampleId :



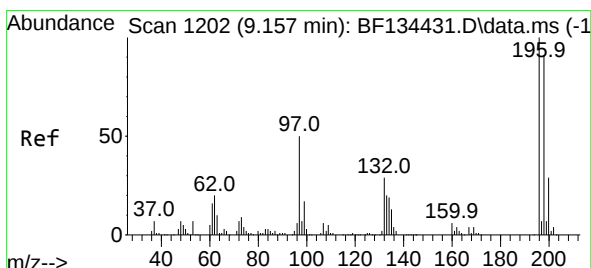
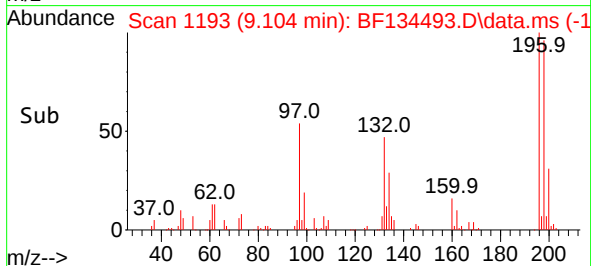
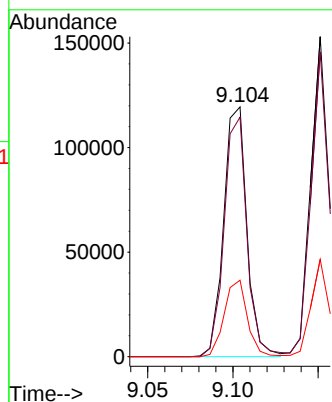
Tgt Ion:196 Resp: 113660

Ion Ratio Lower Upper

196 100

198 95.9 77.4 116.2

200 30.6 25.4 38.2



#44

2,4,5-Trichlorophenol

Concen: 19.110 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

Tgt Ion:196 Resp: 124452

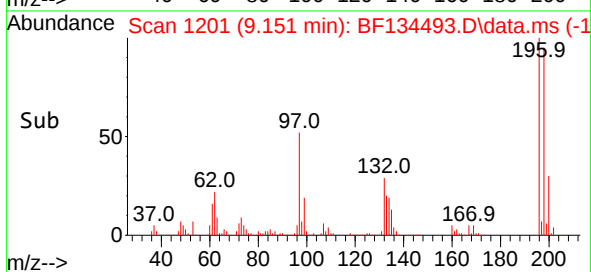
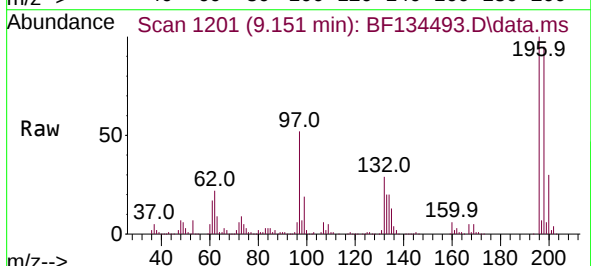
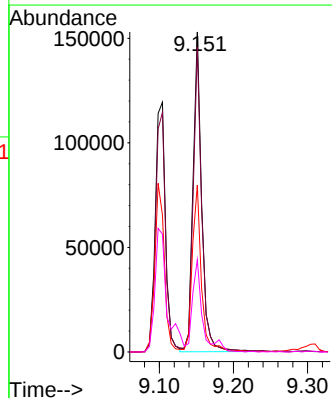
Ion Ratio Lower Upper

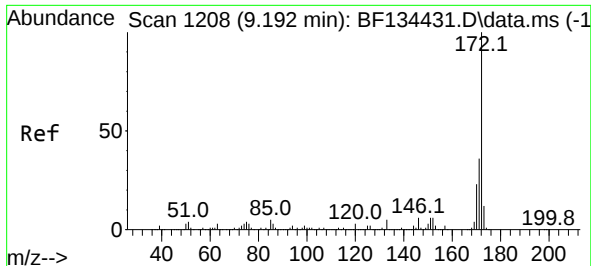
196 100

198 95.3 73.0 109.4

97 52.1 40.8 61.2

132 28.8 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 39.912 ng

RT: 9.181 min Scan# 1206

Delta R.T. -0.012 min

Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

Instrument :

BNA_F

ClientSampleId :

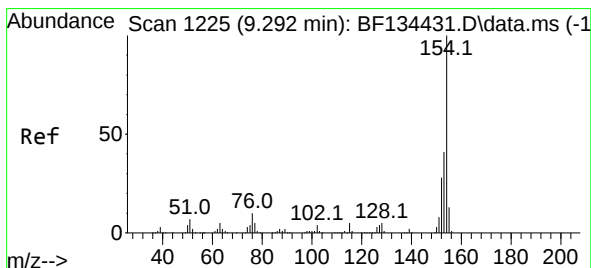
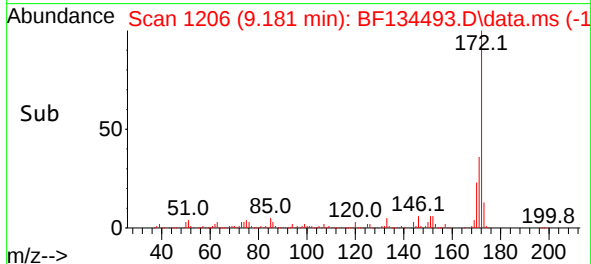
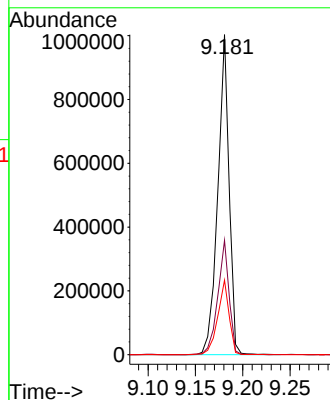
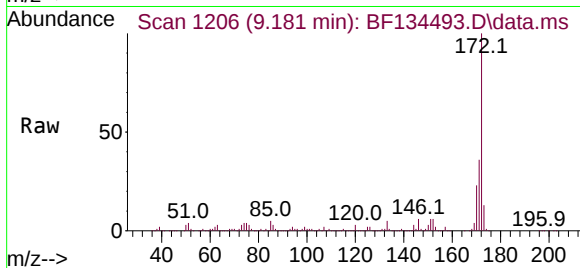
Tgt Ion:172 Resp: 835913

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.3 18.7 28.1



#46

1,1'-Biphenyl

Concen: 20.263 ng

RT: 9.281 min Scan# 1223

Delta R.T. -0.012 min

Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

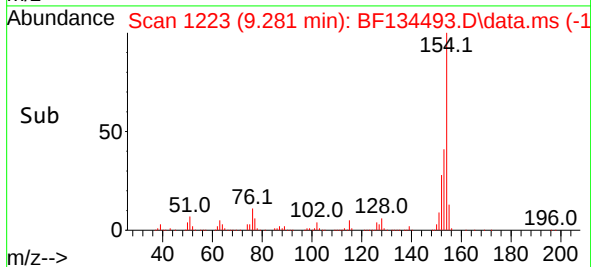
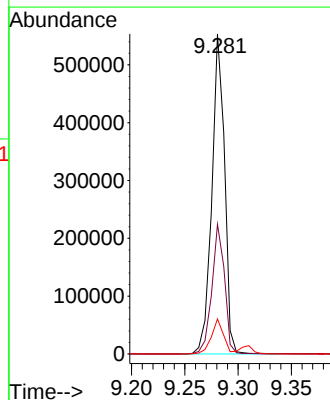
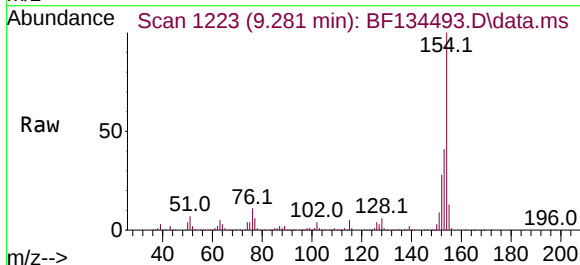
Tgt Ion:154 Resp: 459197

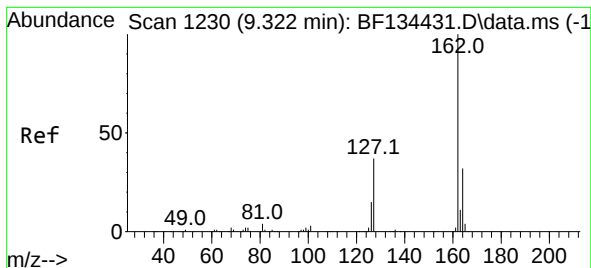
Ion Ratio Lower Upper

154 100

153 40.5 20.8 60.8

76 10.9 0.0 30.2





#47

2-Chloronaphthalene

Concen: 20.136 ng

RT: 9.310 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

Instrument :

BNA_F

ClientSampleId :

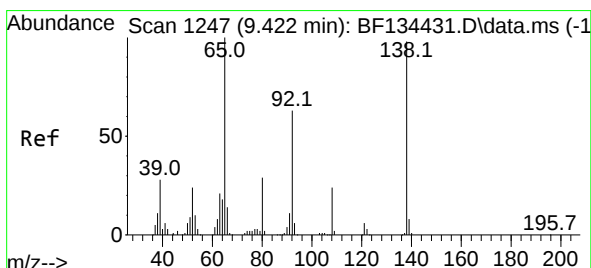
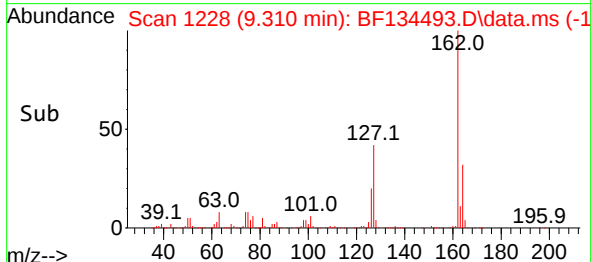
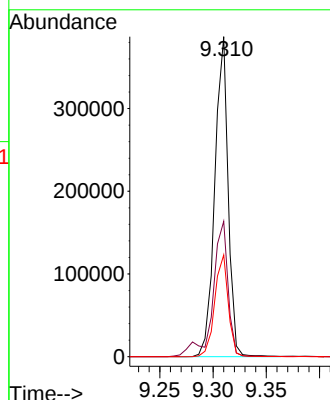
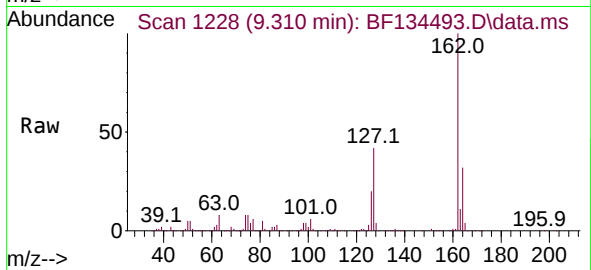
Tgt Ion:162 Resp: 336404

Ion Ratio Lower Upper

162 100

127 42.3 34.0 51.0

164 31.8 25.7 38.5



#48

2-Nitroaniline

Concen: 19.375 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

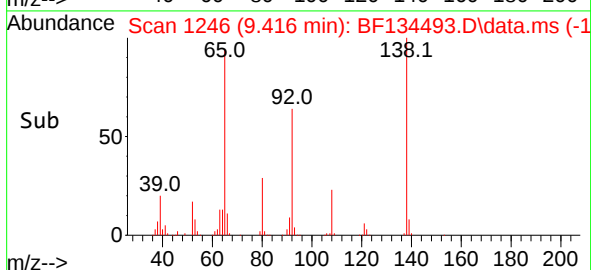
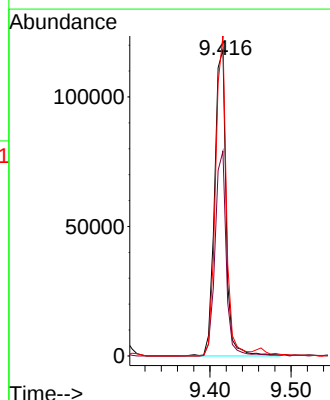
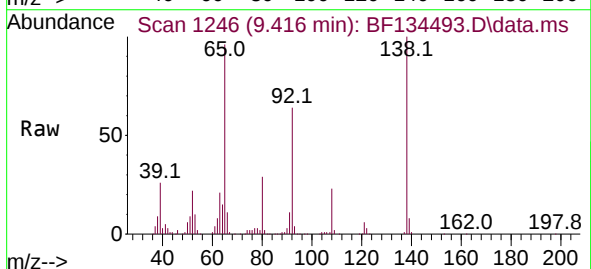
Tgt Ion: 65 Resp: 116576

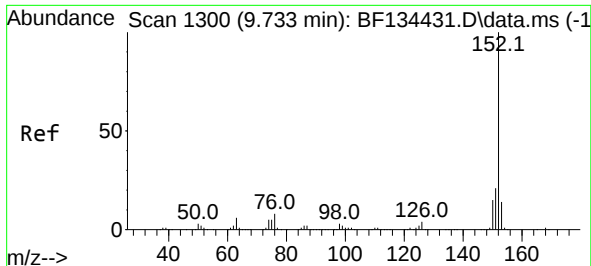
Ion Ratio Lower Upper

65 100

92 66.8 50.7 76.1

138 104.5 78.2 117.4





#49

Acenaphthylene

Concen: 19.210 ng

RT: 9.722 min Scan# 1298

Delta R.T. -0.011 min

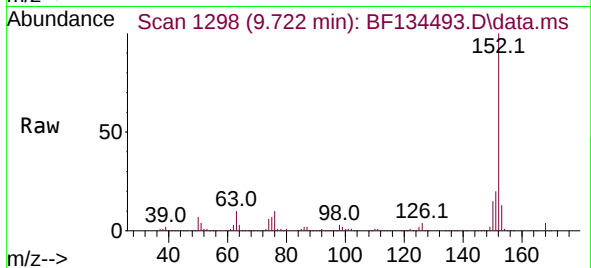
Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

Instrument :

BNA_F

ClientSampleId :



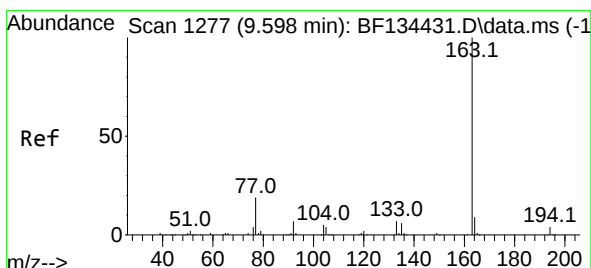
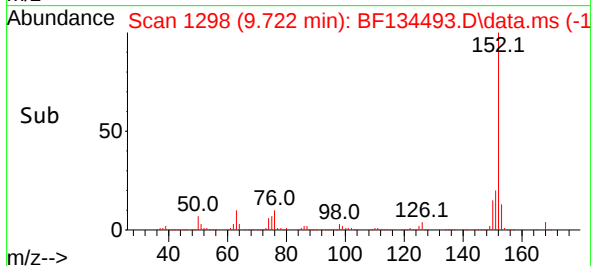
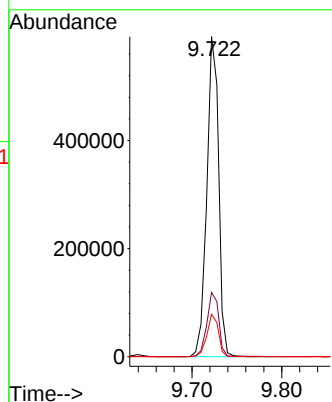
Tgt Ion:152 Resp: 542188

Ion Ratio Lower Upper

152 100

151 20.1 16.4 24.6

153 13.3 10.9 16.3



#50

Dimethylphthalate

Concen: 20.494 ng

RT: 9.586 min Scan# 1275

Delta R.T. -0.012 min

Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

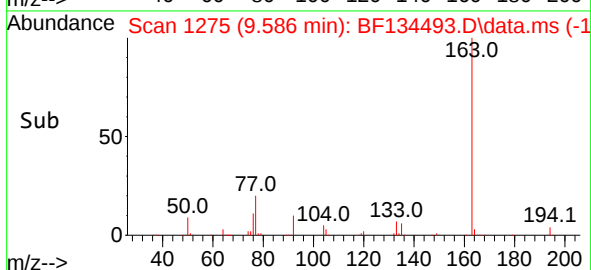
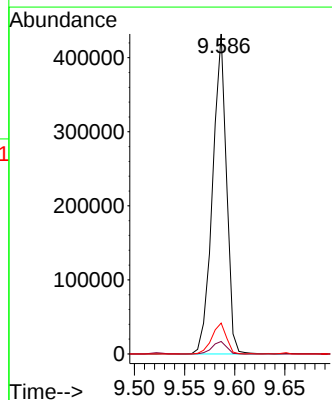
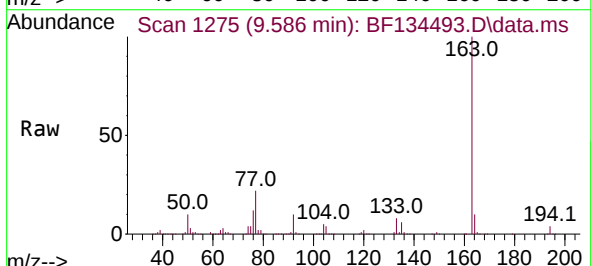
Tgt Ion:163 Resp: 417706

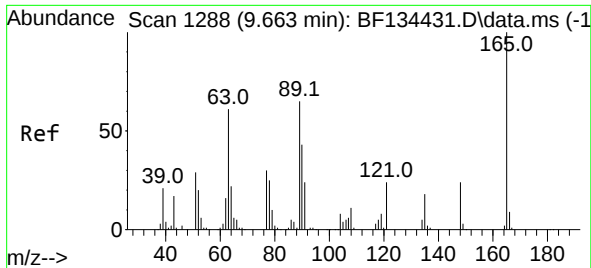
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

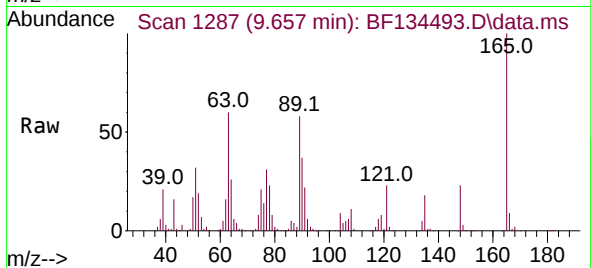
164 9.7 7.5 11.3



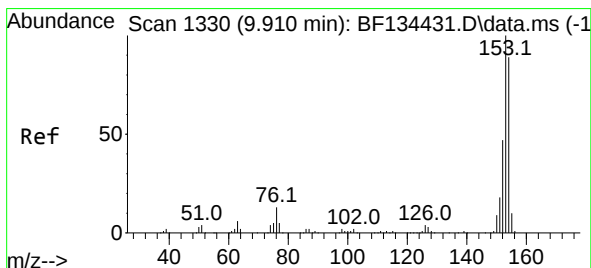
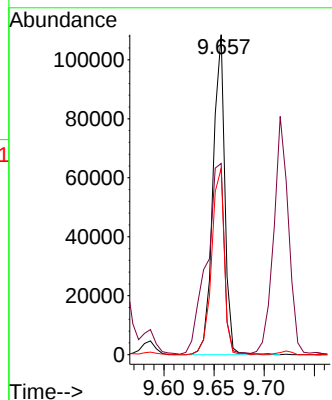
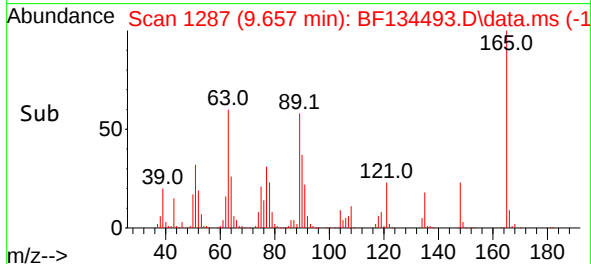


#51
2,6-Dinitrotoluene
Concen: 19.958 ng
RT: 9.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

Instrument :
BNA_F
ClientSampleId :

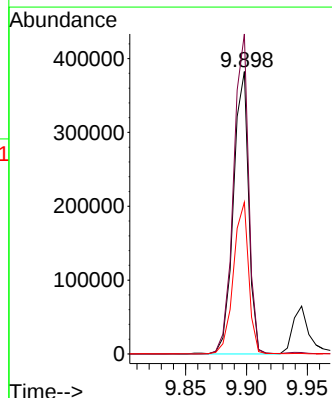
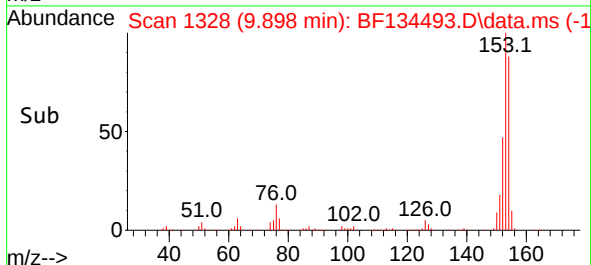
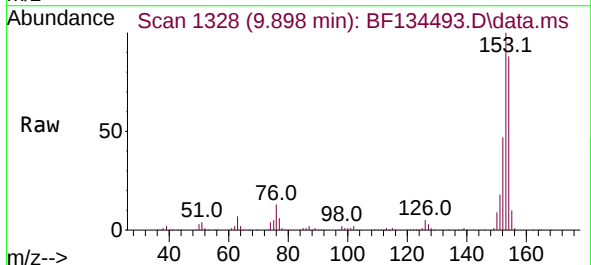


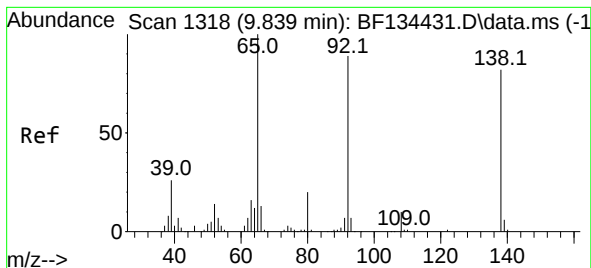
Tgt Ion:165 Resp: 89258
Ion Ratio Lower Upper
165 100
63 59.7 57.8 86.6
89 58.2 51.8 77.8



#52
Acenaphthene
Concen: 20.054 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

Tgt Ion:154 Resp: 334353
Ion Ratio Lower Upper
154 100
153 113.3 90.0 135.0
152 53.7 42.4 63.6





#53

3-Nitroaniline

Concen: 10.963 ng

RT: 9.828 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

Instrument :

BNA_F

ClientSampleId :

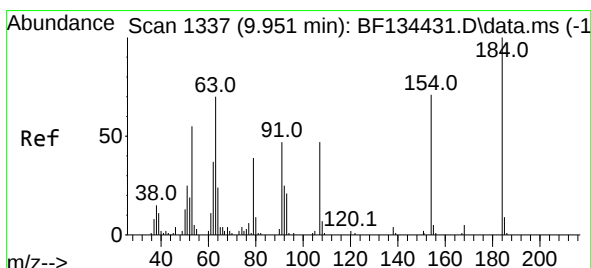
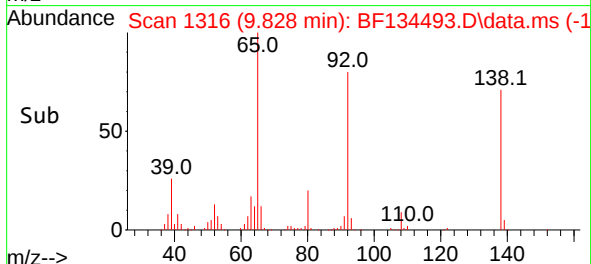
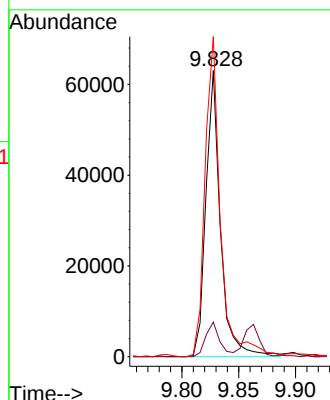
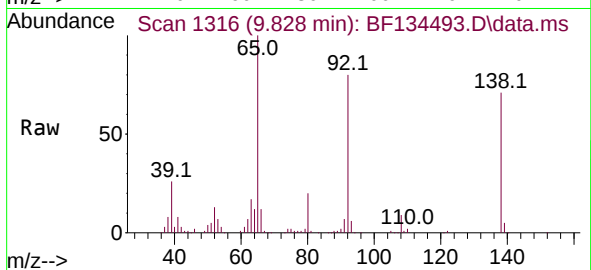
Tgt Ion:138 Resp: 56215

Ion Ratio Lower Upper

138 100

108 12.1 9.3 13.9

92 111.9 86.6 129.8



#54

2,4-Dinitrophenol

Concen: 39.807 ng

RT: 9.945 min Scan# 1336

Delta R.T. -0.006 min

Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

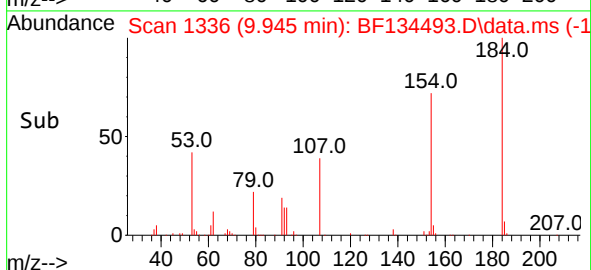
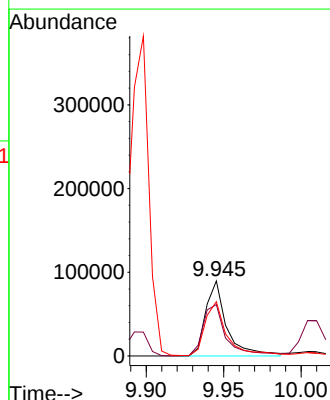
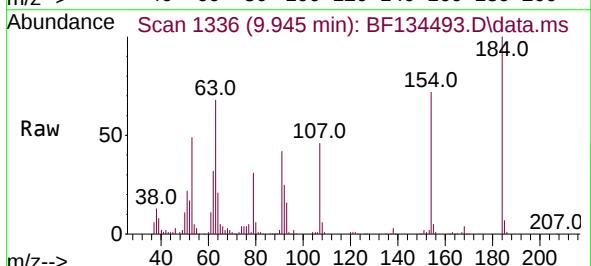
Tgt Ion:184 Resp: 84964

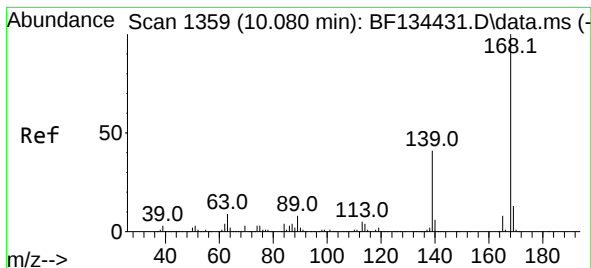
Ion Ratio Lower Upper

184 100

63 68.4 57.1 85.7

154 72.3 59.1 88.7





#55

Dibenzenofuran

Concen: 19.551 ng

RT: 10.069 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

Instrument :

BNA_F

ClientSampleId :

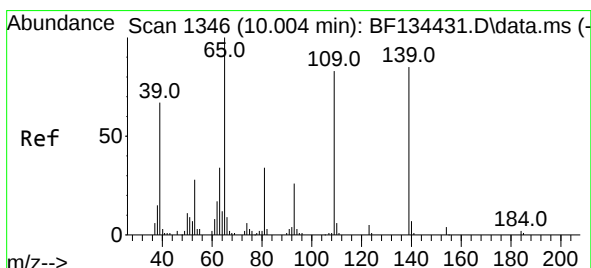
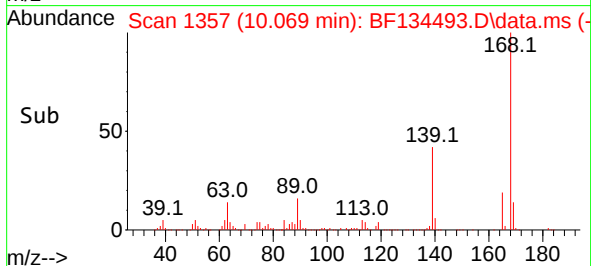
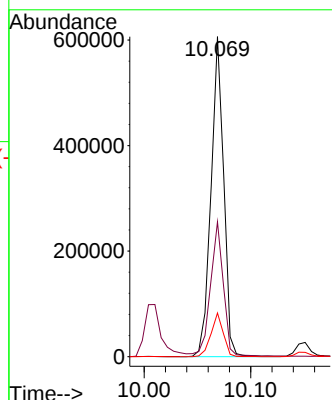
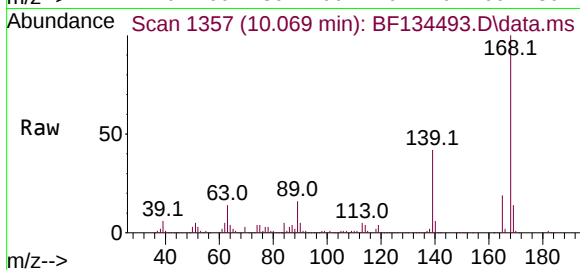
Tgt Ion:168 Resp: 501706

Ion Ratio Lower Upper

168 100

139 42.2 33.4 50.2

169 13.7 10.6 15.8



#56

4-Nitrophenol

Concen: 39.474 ng

RT: 10.010 min Scan# 1347

Delta R.T. 0.006 min

Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

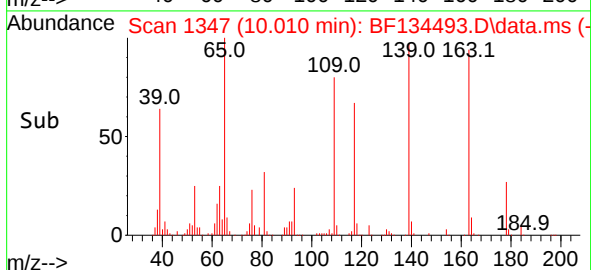
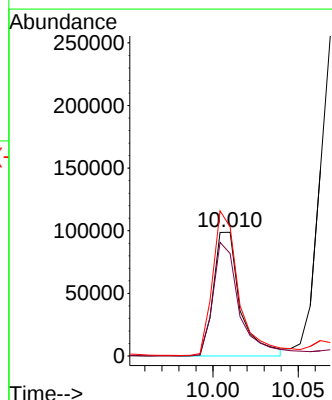
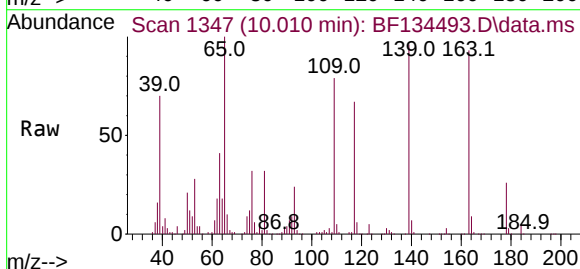
Tgt Ion:139 Resp: 107939

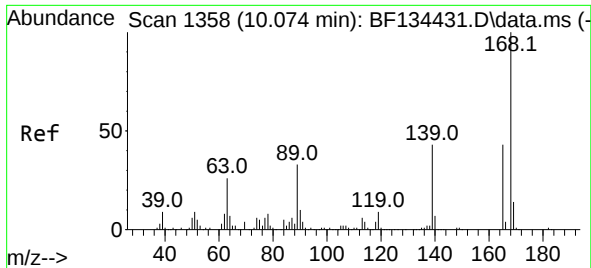
Ion Ratio Lower Upper

139 100

109 82.8 76.9 116.9

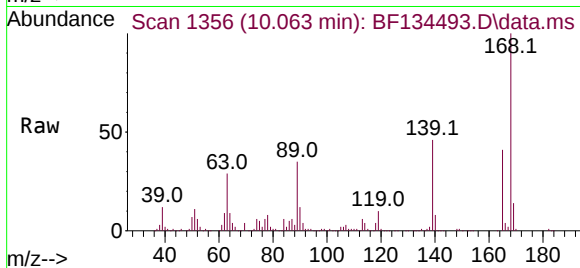
65 104.5 98.5 138.5



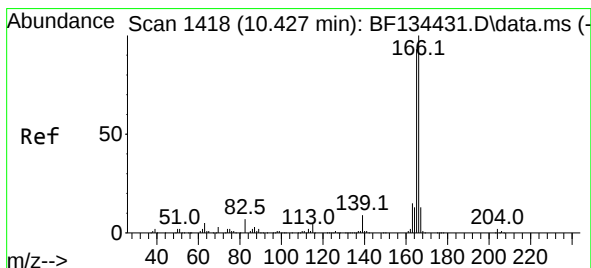
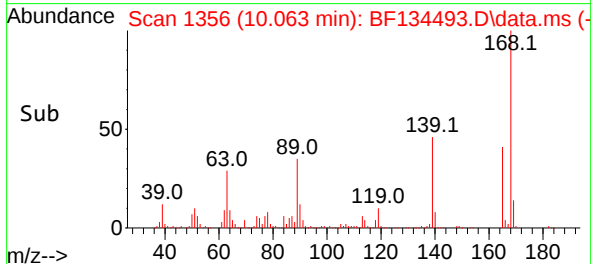
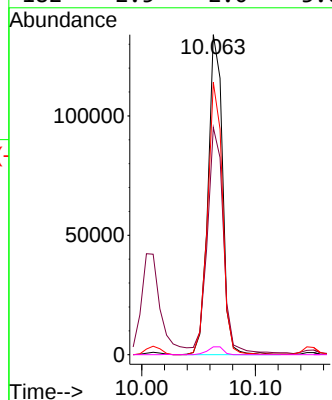


#57
2,4-Dinitrotoluene
Concen: 19.782 ng
RT: 10.063 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

Instrument :
BNA_F
ClientSampleId :

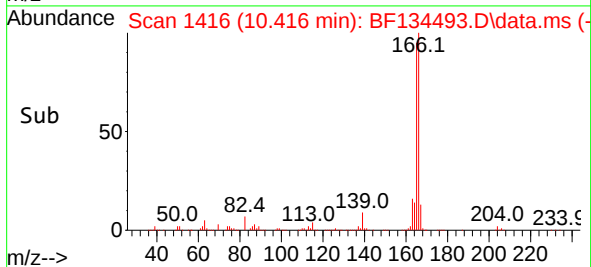
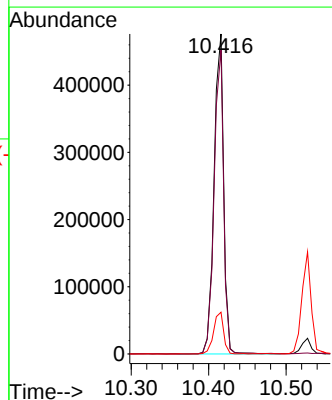
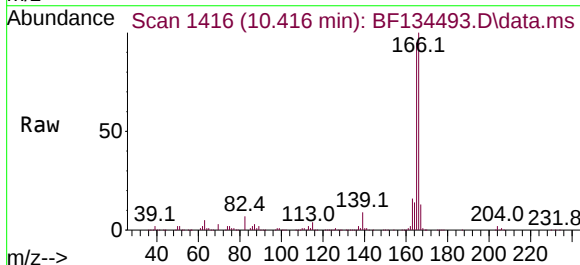


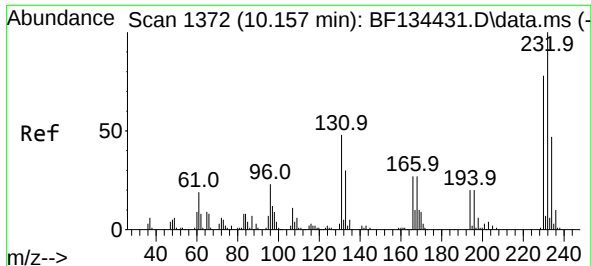
Tgt Ion:165 Resp: 118829
Ion Ratio Lower Upper
165 100
63 71.0 48.9 73.3
89 85.1 61.7 92.5
182 2.5 2.0 3.0



#58
Fluorene
Concen: 19.815 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.011 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

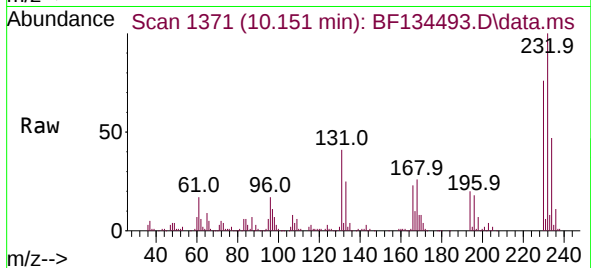
Tgt Ion:166 Resp: 410211
Ion Ratio Lower Upper
166 100
165 94.9 74.5 111.7
167 13.1 10.6 16.0





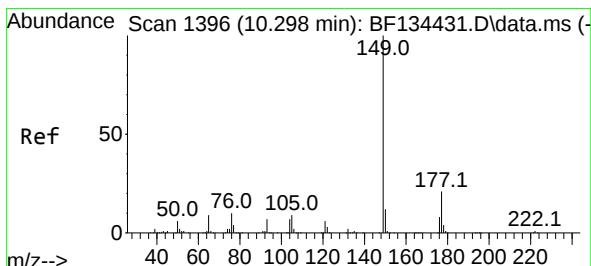
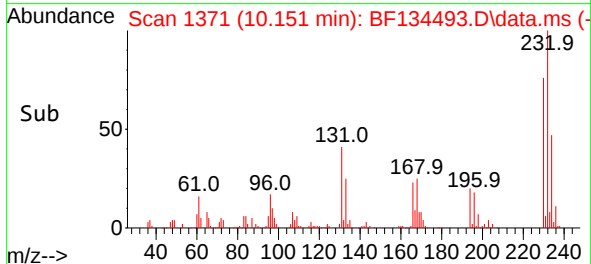
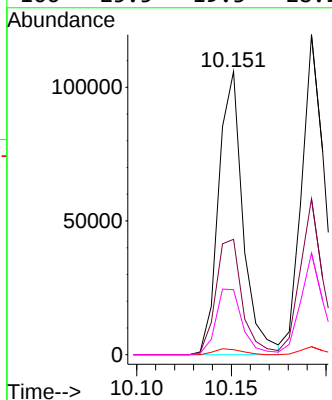
#59
2,3,4,6-Tetrachlorophenol
Concen: 19.011 ng
RT: 10.151 min Scan# 1372
Delta R.T. -0.053 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:232 Resp: 95123

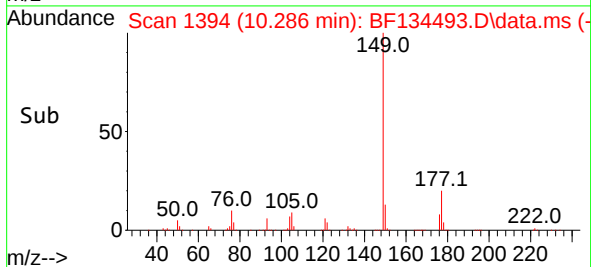
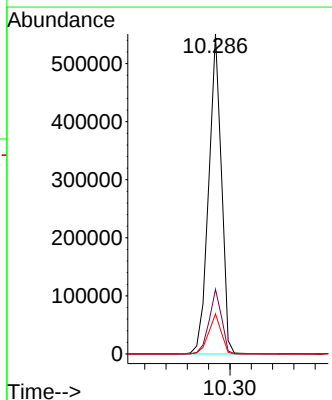
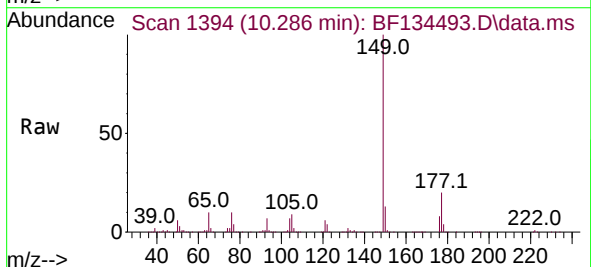
Ion	Ratio	Lower	Upper
232	100		
131	44.3	33.4	50.0
130	2.3	1.8	2.6
166	25.5	19.3	28.9

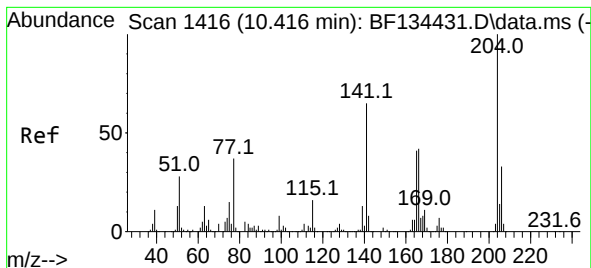


#60
Diethylphthalate
Concen: 21.647 ng
RT: 10.286 min Scan# 1394
Delta R.T. -0.012 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

Tgt Ion:149 Resp: 456792

Ion	Ratio	Lower	Upper
149	100		
177	20.2	17.0	25.4
150	12.6	9.9	14.9

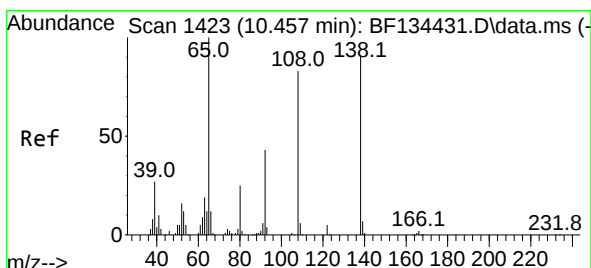
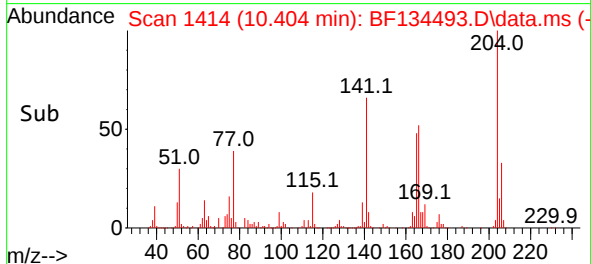
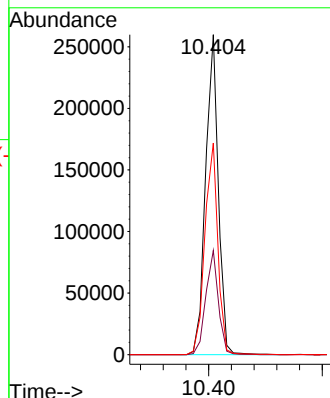
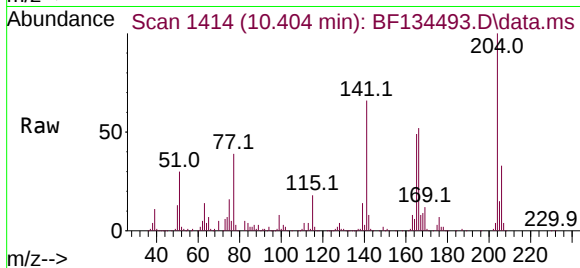




#61
4-Chlorophenyl-phenylether
Concen: 20.435 ng
RT: 10.404 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

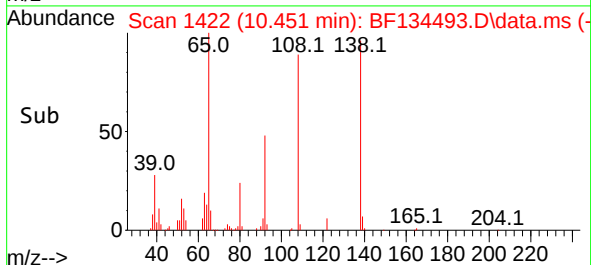
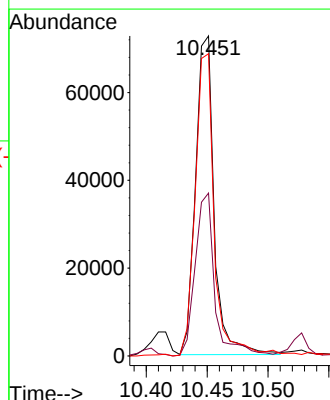
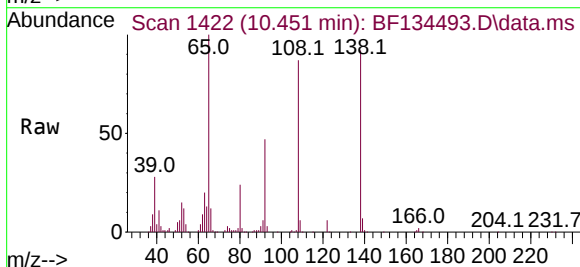
Instrument :
BNA_F
ClientSampleId :

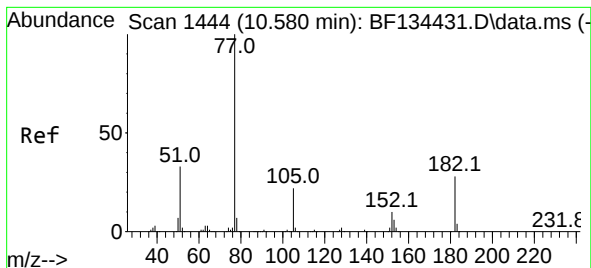
Tgt Ion:204 Resp: 202085
Ion Ratio Lower Upper
204 100
206 32.6 26.0 39.0
141 66.1 52.2 78.4



#62
4-Nitroaniline
Concen: 14.749 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

Tgt Ion:138 Resp: 77589
Ion Ratio Lower Upper
138 100
92 50.9 27.0 67.0
108 94.5 70.4 110.4





#63

Azobenzene

Concen: 20.058 ng

RT: 10.563 min Scan# 1444

Delta R.T. -0.017 min

Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 389600

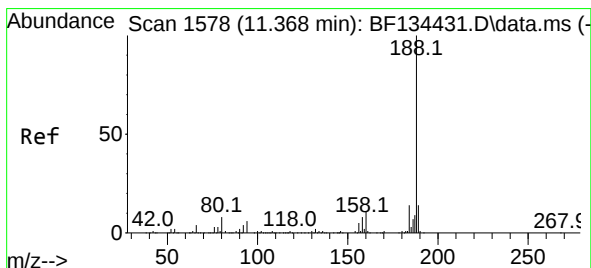
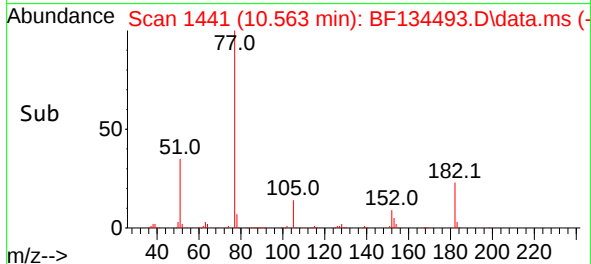
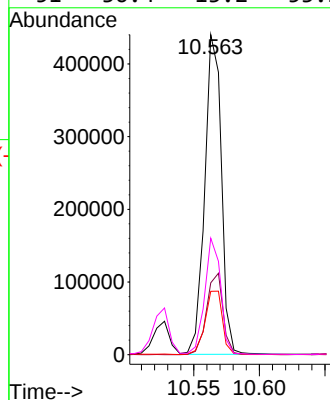
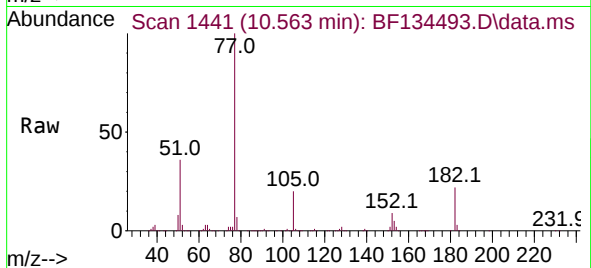
Ion Ratio Lower Upper

77 100

182 22.5 7.5 47.5

105 19.8 1.9 41.9

51 36.4 13.2 53.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.012 min

Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

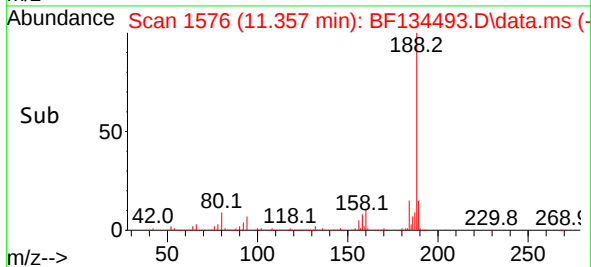
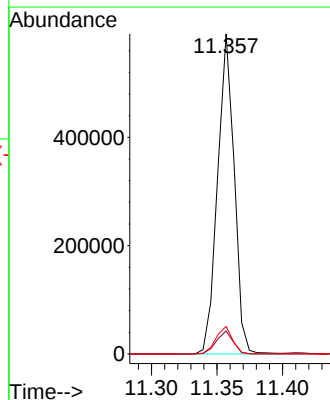
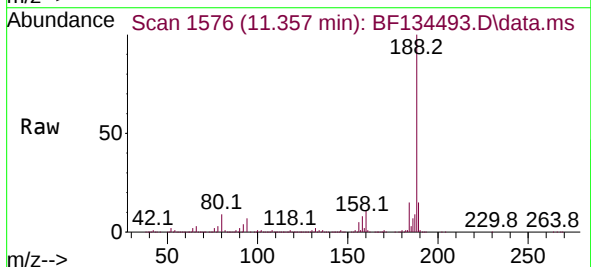
Tgt Ion: 188 Resp: 521671

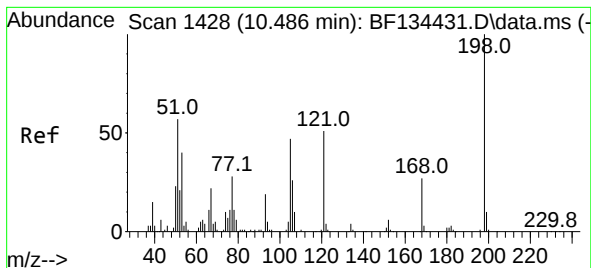
Ion Ratio Lower Upper

188 100

94 7.2 5.1 7.7

80 8.6 6.6 9.8

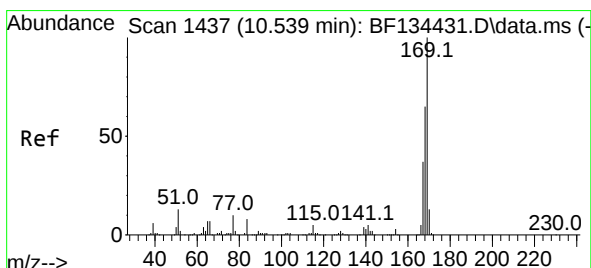
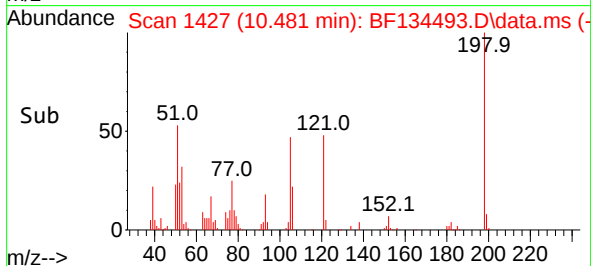
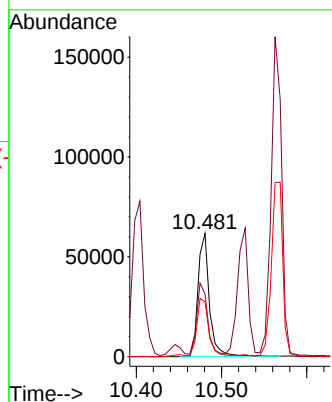
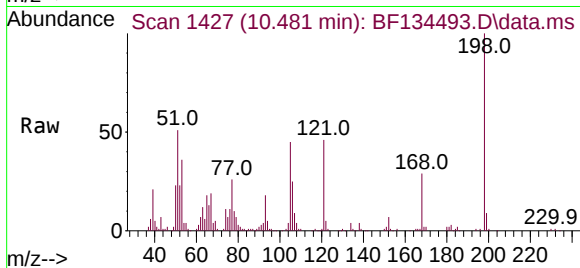




#65
4,6-Dinitro-2-methylphenol
Concen: 19.320 ng
RT: 10.481 min Scan# 1427
Delta R.T. -0.005 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

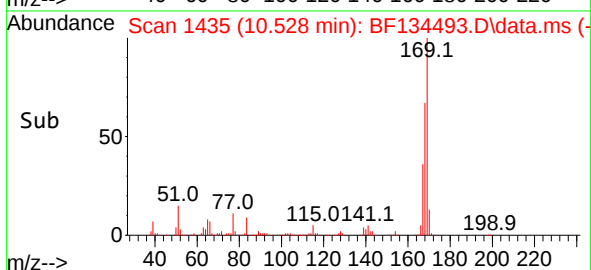
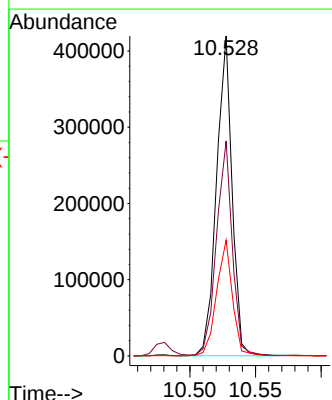
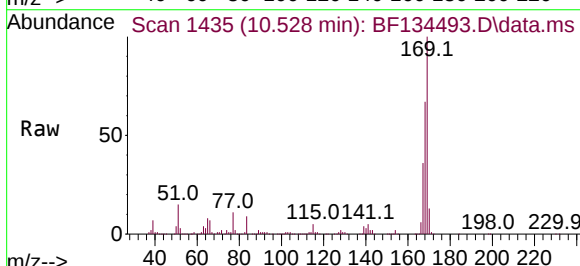
Instrument :
BNA_F
ClientSampleId :

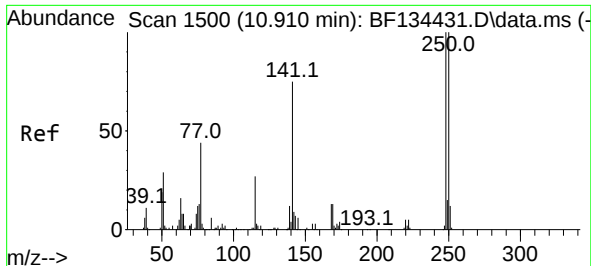
Tgt Ion:198 Resp: 57813
Ion Ratio Lower Upper
198 100
51 50.9 38.6 78.6
105 44.6 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 20.806 ng
RT: 10.528 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

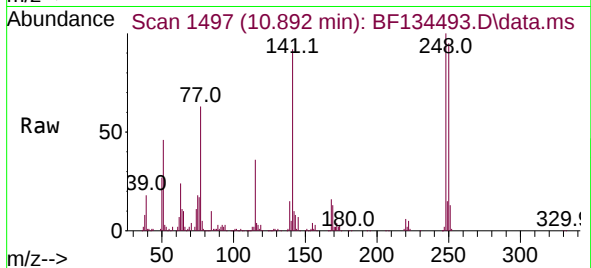
Tgt Ion:169 Resp: 345325
Ion Ratio Lower Upper
169 100
168 67.2 52.6 78.8
167 36.2 29.8 44.8



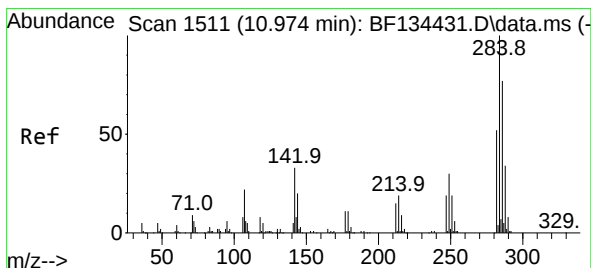
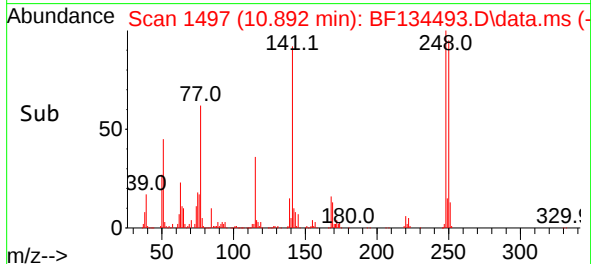
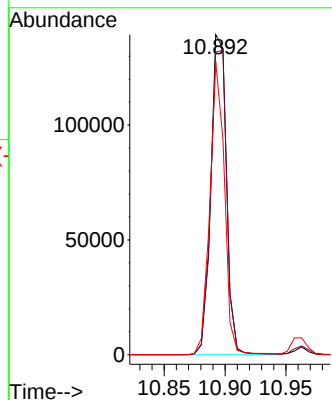


#67
4-Bromophenyl-phenylether
Concen: 21.754 ng
RT: 10.892 min Scan# 14
Delta R.T. -0.017 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

Instrument :
BNA_F
ClientSampleId :

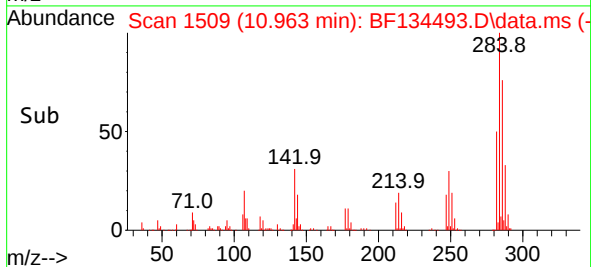
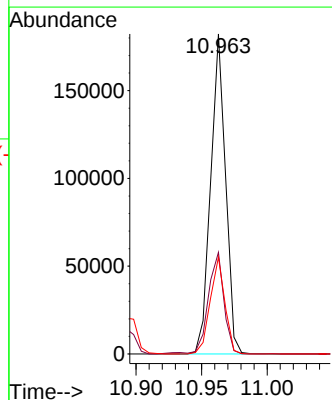
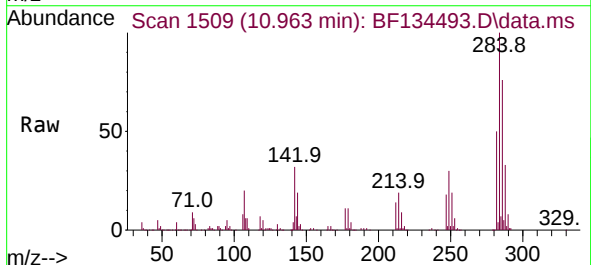


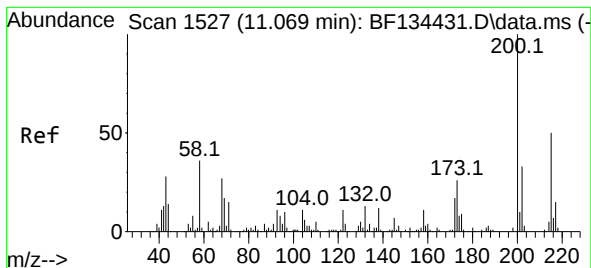
Tgt Ion:248 Resp: 124341
Ion Ratio Lower Upper
248 100
250 94.5 79.6 119.4
141 91.6 59.6 89.4#



#68
Hexachlorobenzene
Concen: 22.411 ng
RT: 10.963 min Scan# 1509
Delta R.T. -0.012 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

Tgt Ion:284 Resp: 144246
Ion Ratio Lower Upper
284 100
142 31.8 26.5 39.7
249 30.2 23.8 35.8





#69

Atrazine

Concen: 22.672 ng

RT: 11.057 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

Instrument :

BNA_F

ClientSampleId :

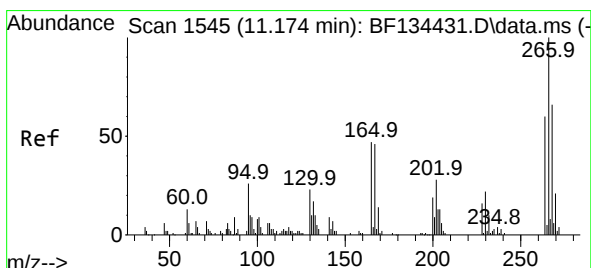
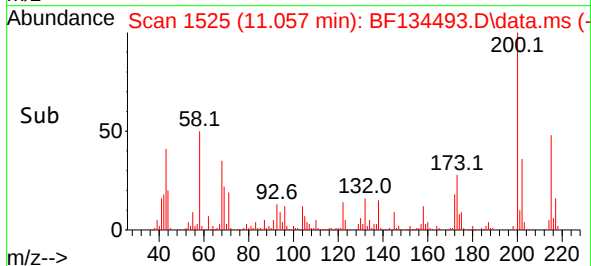
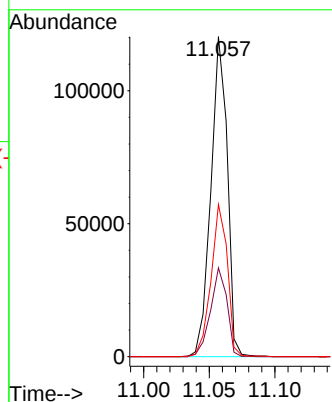
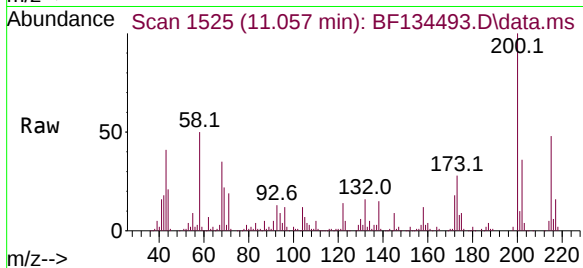
Tgt Ion:200 Resp: 104913

Ion Ratio Lower Upper

200 100

173 27.8 6.1 46.1

215 47.5 29.7 69.7



#70

Pentachlorophenol

Concen: 44.583 ng

RT: 11.169 min Scan# 1544

Delta R.T. -0.005 min

Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

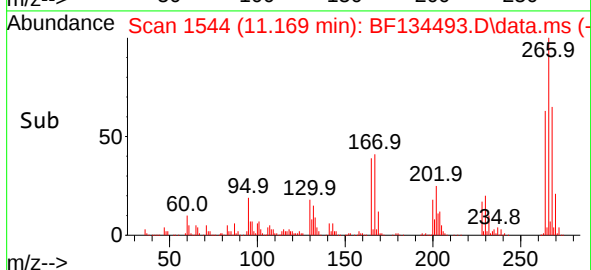
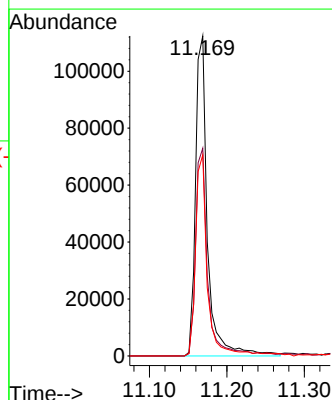
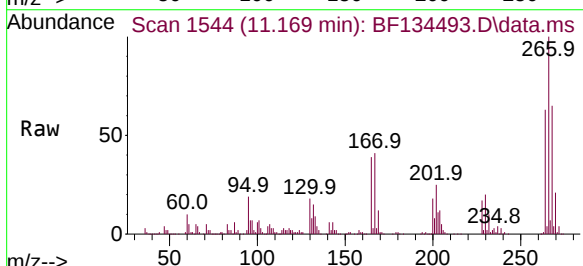
Tgt Ion:266 Resp: 120424

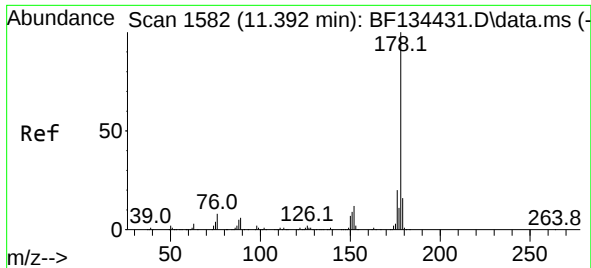
Ion Ratio Lower Upper

266 100

268 64.9 52.9 79.3

264 62.9 47.8 71.6

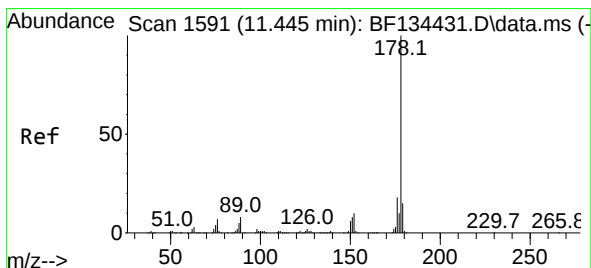
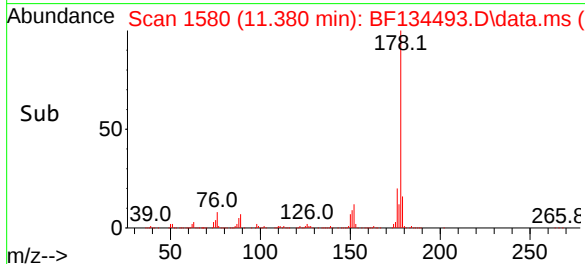
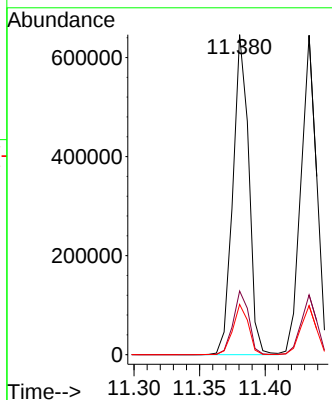
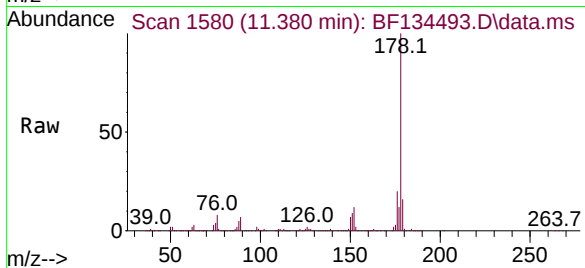




#71
Phenanthrene
Concen: 19.974 ng
RT: 11.380 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

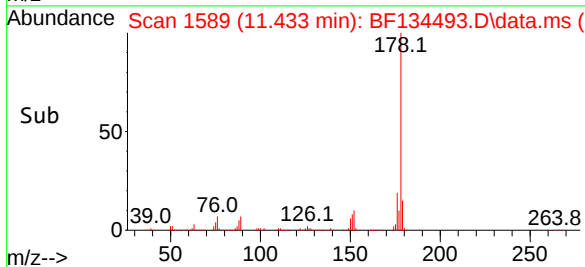
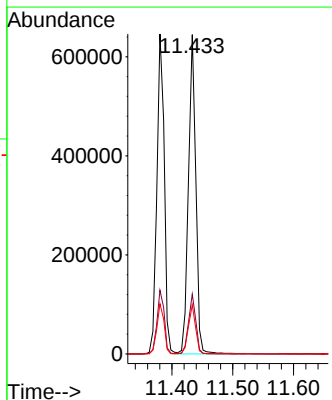
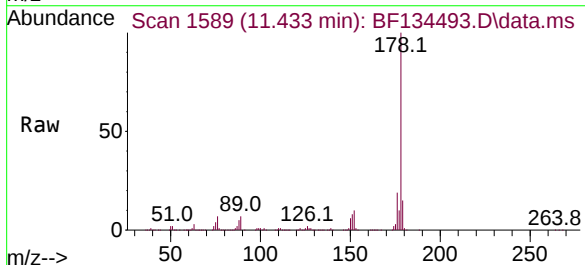
Instrument :
BNA_F
ClientSampleId :

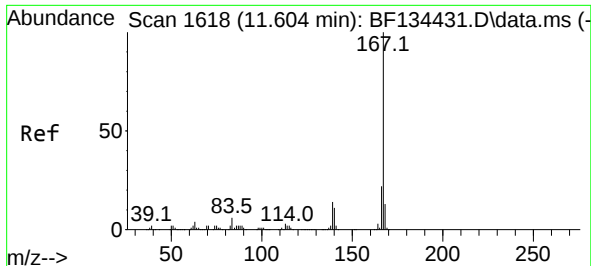
Tgt Ion:178 Resp: 544409
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 15.7 12.7 19.1



#72
Anthracene
Concen: 19.287 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

Tgt Ion:178 Resp: 542586
Ion Ratio Lower Upper
178 100
176 18.8 14.6 21.8
179 15.4 12.3 18.5

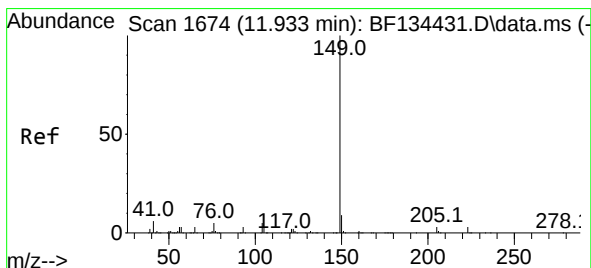
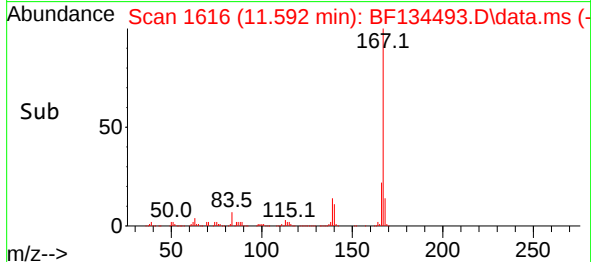
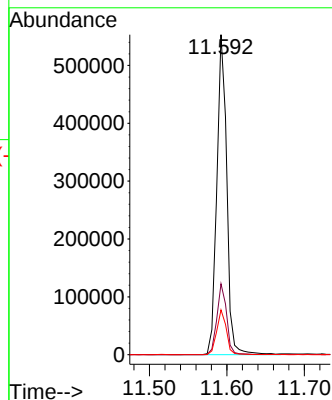
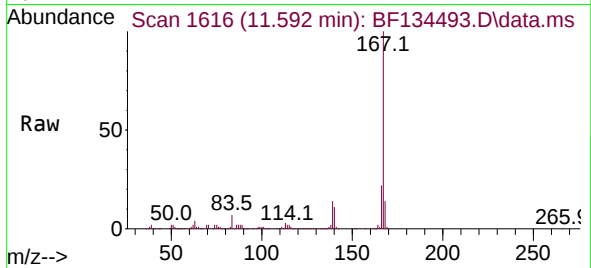




#73
 Carbazole
 Concen: 18.645 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. -0.012 min
 Lab File: BF134493.D
 Acq: 26 Jul 2023 21:18

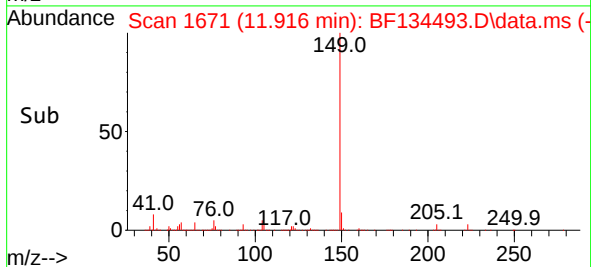
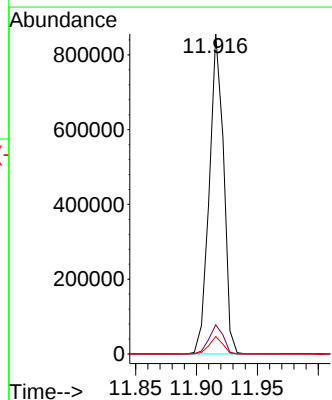
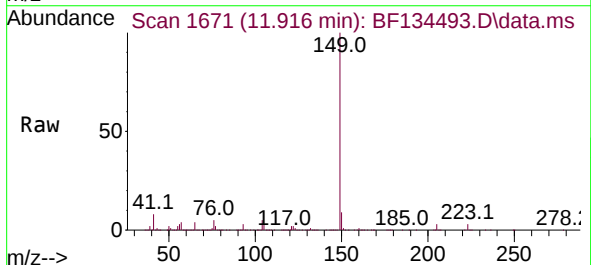
Instrument :
 BNA_F
 ClientSampleId :

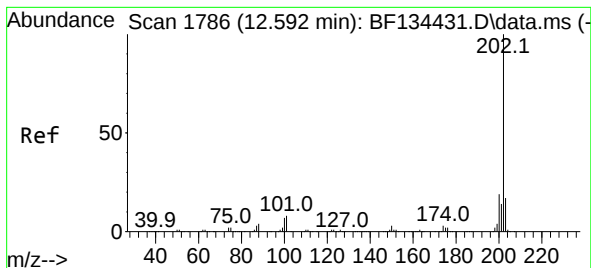
Tgt Ion:167 Resp: 493926
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.5 26.3
 139 14.0 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 23.013 ng
 RT: 11.916 min Scan# 1671
 Delta R.T. -0.017 min
 Lab File: BF134493.D
 Acq: 26 Jul 2023 21:18

Tgt Ion:149 Resp: 699826
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 5.5 3.8 5.8





#75

Fluoranthene

Concen: 16.305 ng

RT: 12.575 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

Instrument :

BNA_F

ClientSampleId :

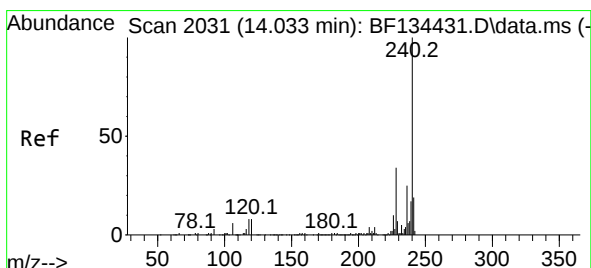
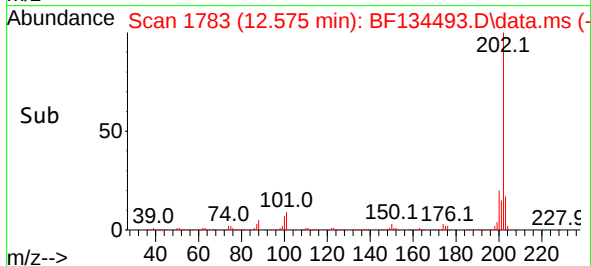
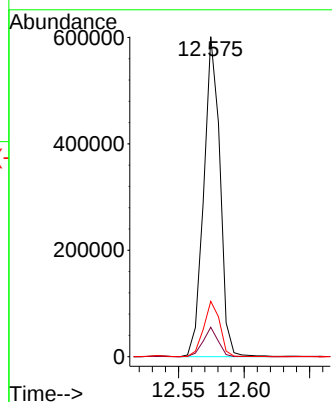
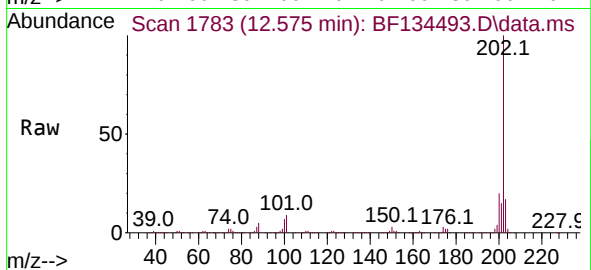
Tgt Ion:202 Resp: 517928

Ion Ratio Lower Upper

202 100

101 9.2 0.0 28.5

203 17.3 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 2028

Delta R.T. -0.017 min

Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

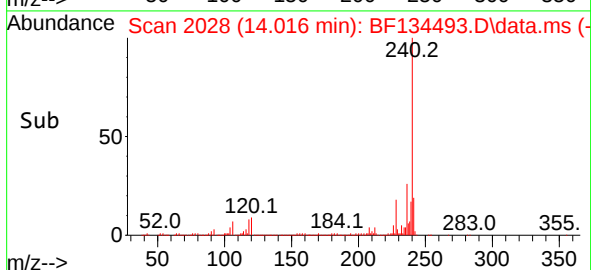
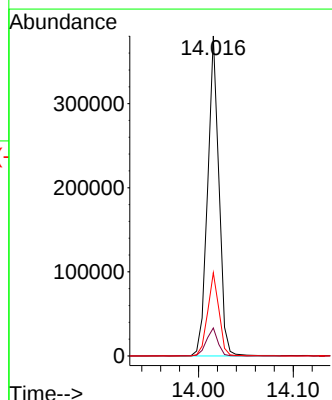
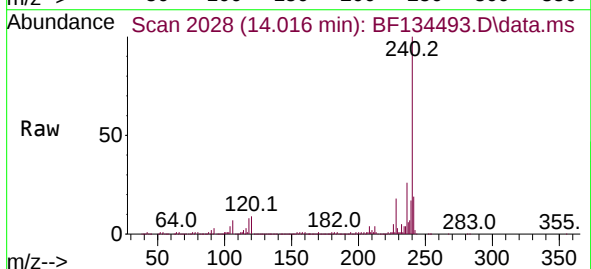
Tgt Ion:240 Resp: 314410

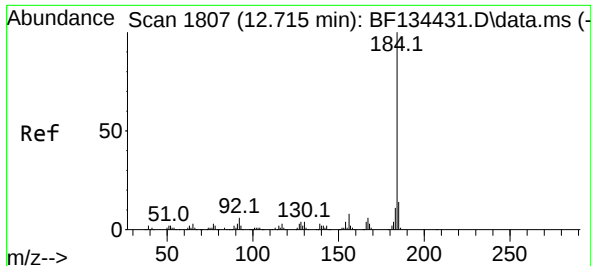
Ion Ratio Lower Upper

240 100

120 8.7 6.6 10.0

236 26.0 20.2 30.2

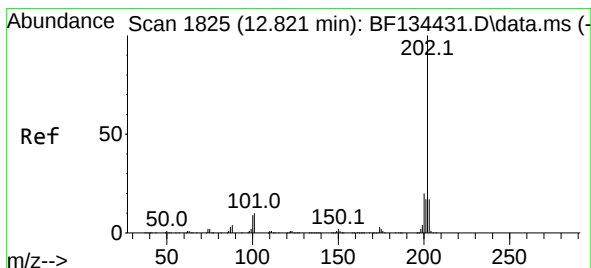
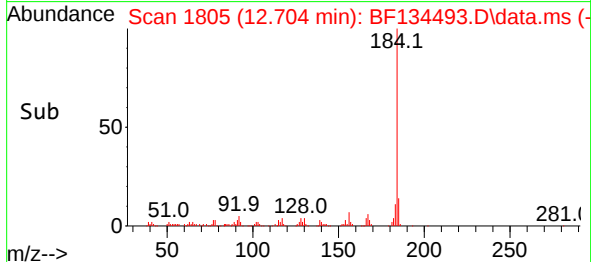
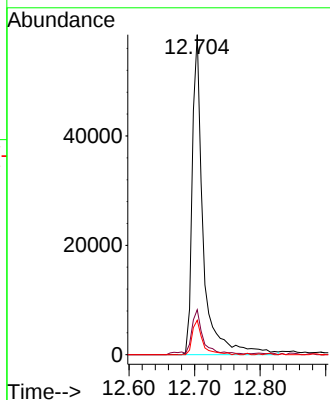
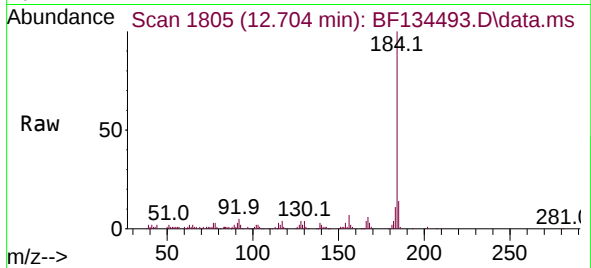




#77
Benzidine
Concen: 10.182 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.011 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

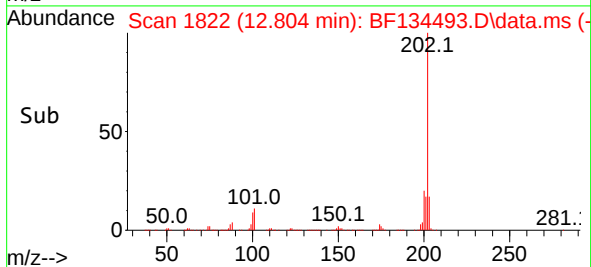
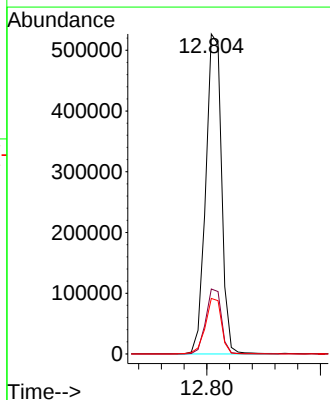
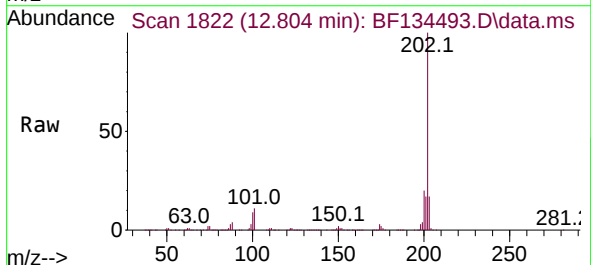
Instrument :
BNA_F
ClientSampleId :

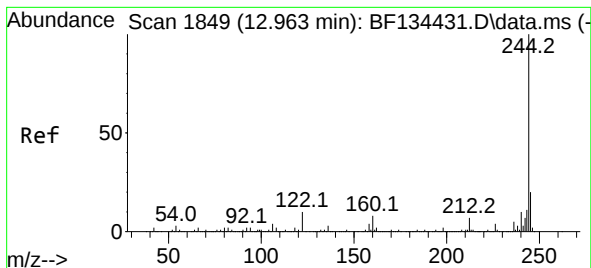
Tgt Ion:184 Resp: 68352
Ion Ratio Lower Upper
184 100
185 14.0 11.2 16.8
183 10.8 8.6 13.0



#78
Pyrene
Concen: 20.326 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.017 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

Tgt Ion:202 Resp: 508128
Ion Ratio Lower Upper
202 100
200 20.3 15.8 23.8
203 17.4 13.5 20.3





#79

Terphenyl-d14

Concen: 46.699 ng

RT: 12.951 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

Instrument :

BNA_F

ClientSampleId :

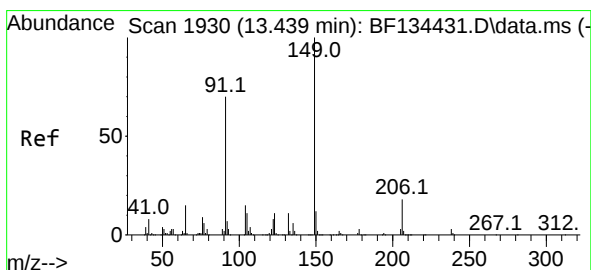
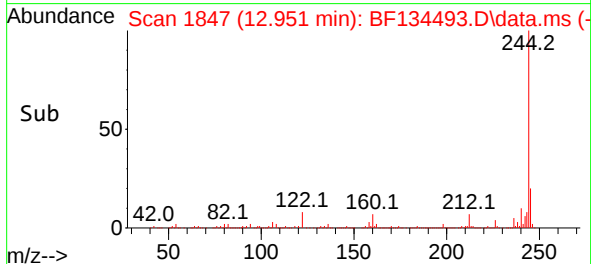
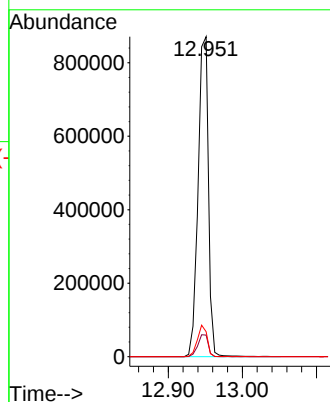
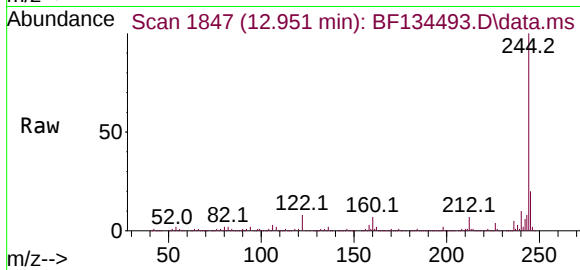
Tgt Ion:244 Resp: 841100

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 7.8 8.0 12.0#



#80

Butylbenzylphthalate

Concen: 22.654 ng

RT: 13.422 min Scan# 1927

Delta R.T. -0.017 min

Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

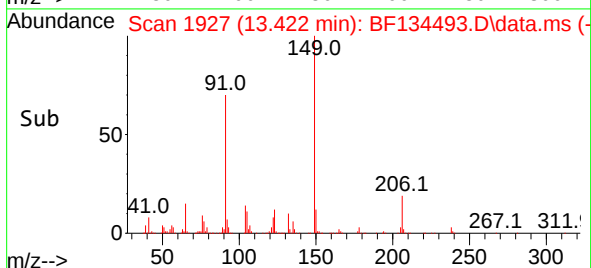
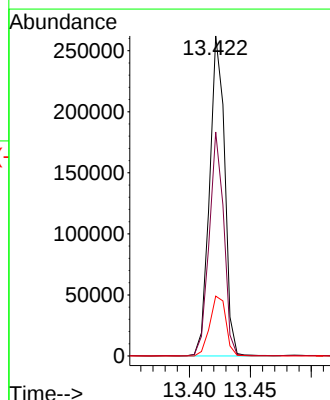
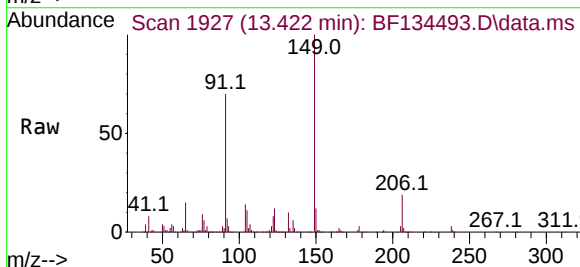
Tgt Ion:149 Resp: 226861

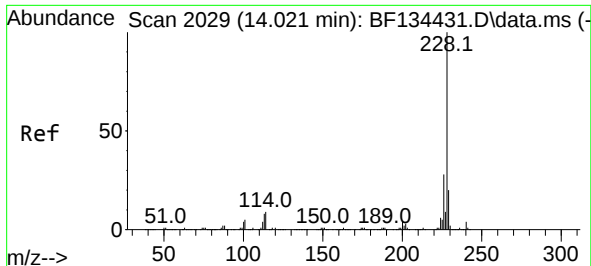
Ion Ratio Lower Upper

149 100

91 70.0 55.8 83.6

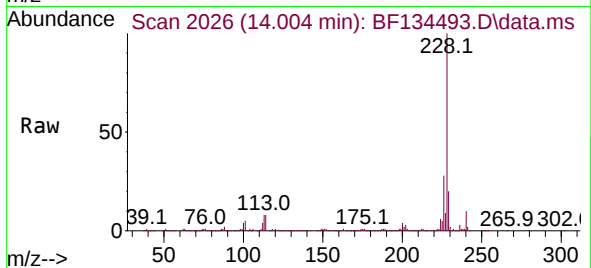
206 18.7 14.6 21.8



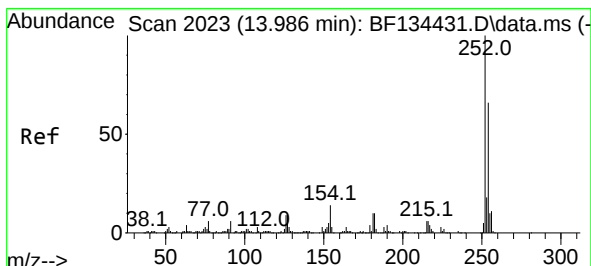
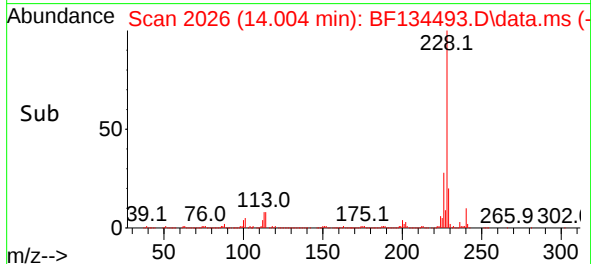
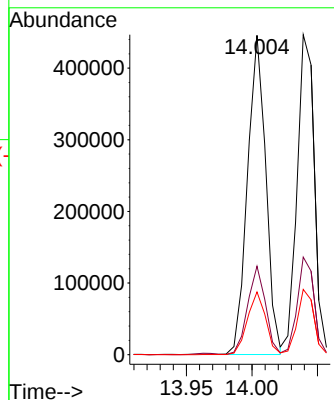


#81
Benzo(a)anthracene
Concen: 19.775 ng
RT: 14.004 min Scan# 2019
Delta R.T. -0.017 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

Instrument :
BNA_F
ClientSampleId :

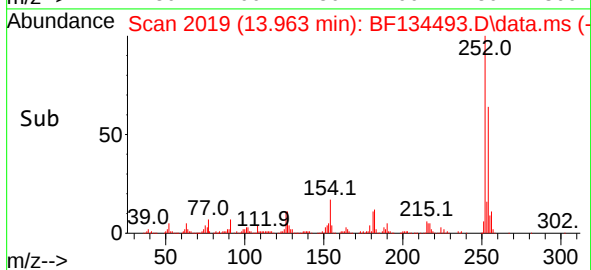
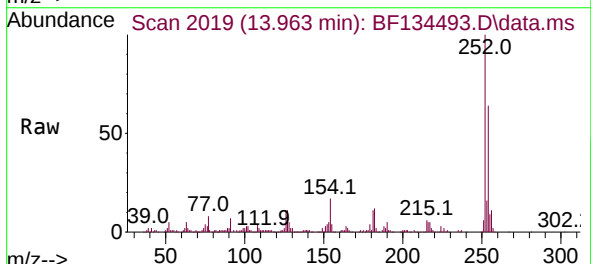
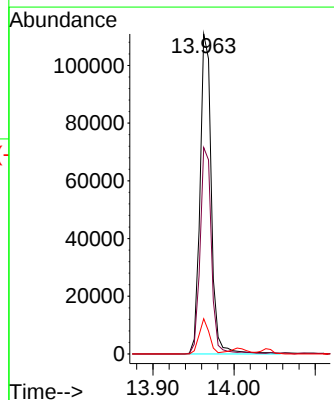


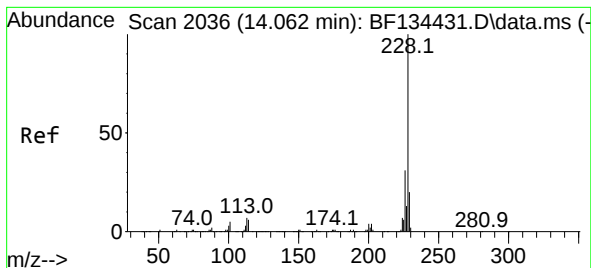
Tgt Ion:228 Resp: 433777
Ion Ratio Lower Upper
228 100
226 27.7 22.3 33.5
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 15.445 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.023 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

Tgt Ion:252 Resp: 107306
Ion Ratio Lower Upper
252 100
254 64.5 52.7 79.1
126 11.0 7.2 10.8#





#83

Chrysene

Concen: 19.487 ng

RT: 14.039 min Scan# 2036

Delta R.T. -0.023 min

Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

Instrument :

BNA_F

ClientSampleId :

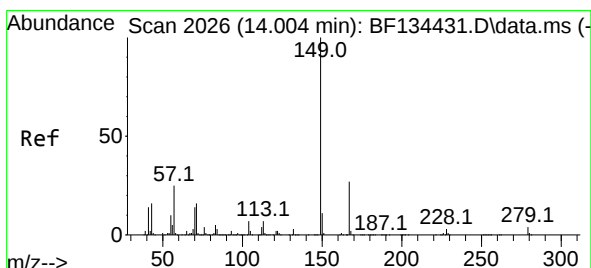
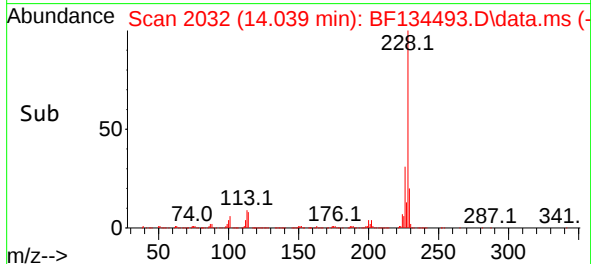
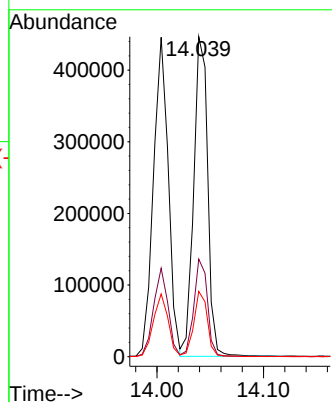
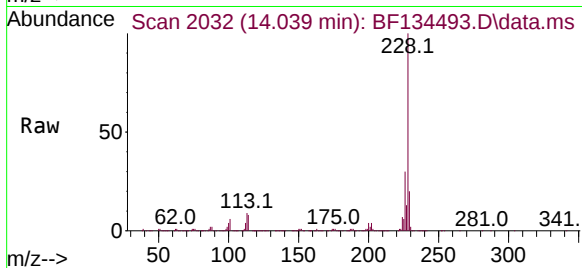
Tgt Ion:228 Resp: 408863

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

229 20.4 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 26.473 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.023 min

Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

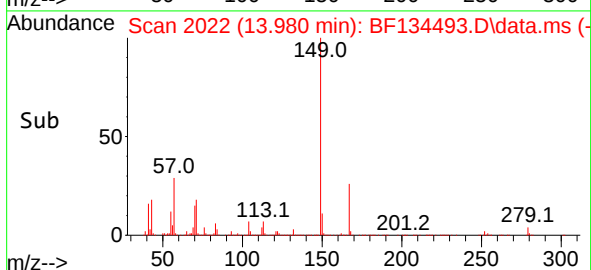
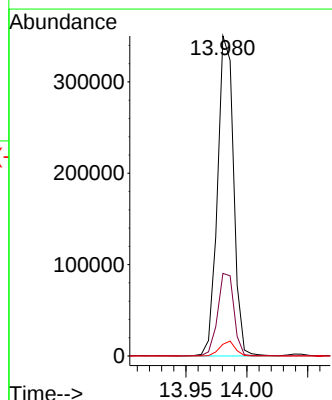
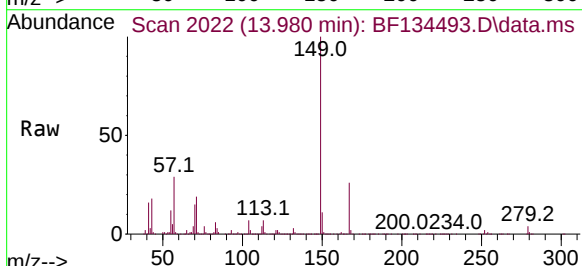
Tgt Ion:149 Resp: 322068

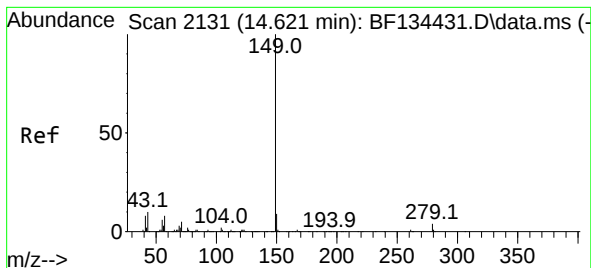
Ion Ratio Lower Upper

149 100

167 25.8 21.6 32.4

279 3.6 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 31.058 ng

RT: 14.598 min Scan# 2131

Delta R.T. -0.023 min

Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

Instrument :

BNA_F

ClientSampleId :

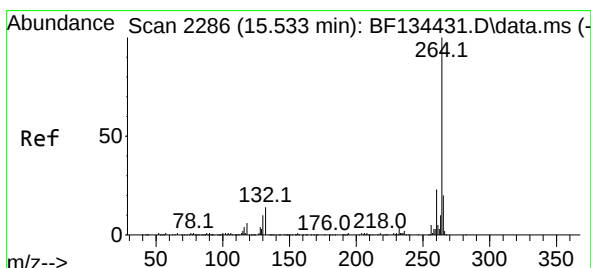
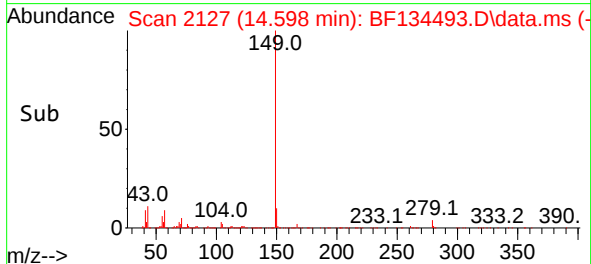
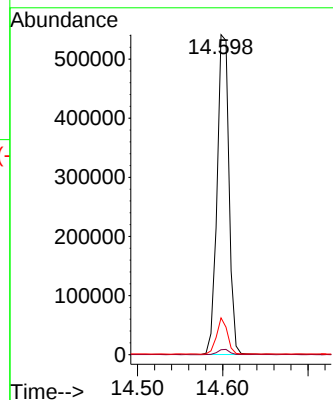
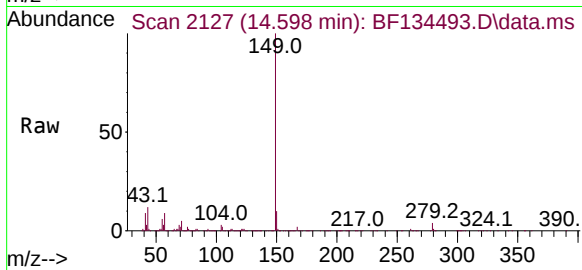
Tgt Ion:149 Resp: 525087

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.6 8.1 12.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2282

Delta R.T. -0.023 min

Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

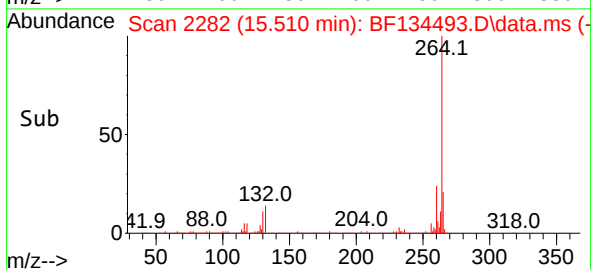
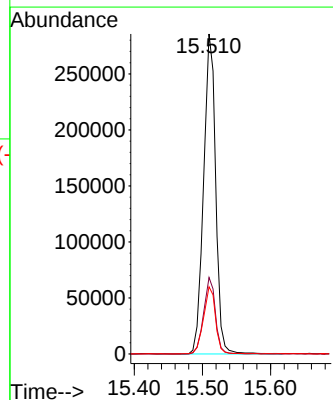
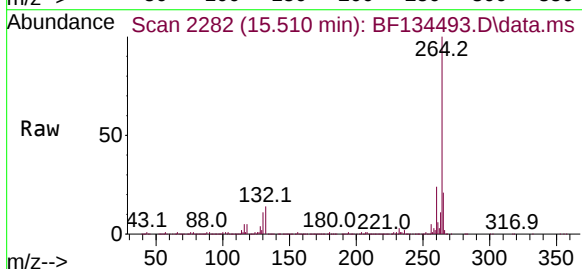
Tgt Ion:264 Resp: 352030

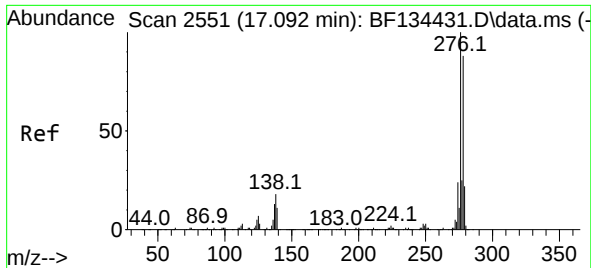
Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

265 21.0 15.8 23.8

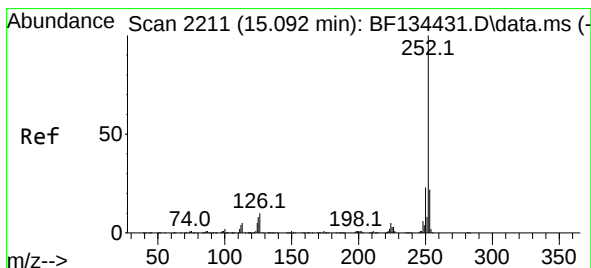
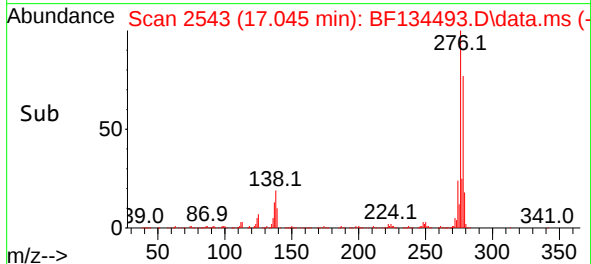
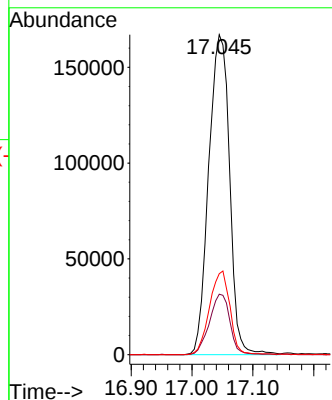
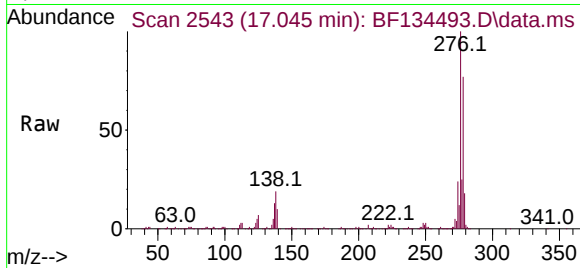




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 17.276 ng
 RT: 17.045 min Scan# 21
 Delta R.T. -0.047 min
 Lab File: BF134493.D
 Acq: 26 Jul 2023 21:18

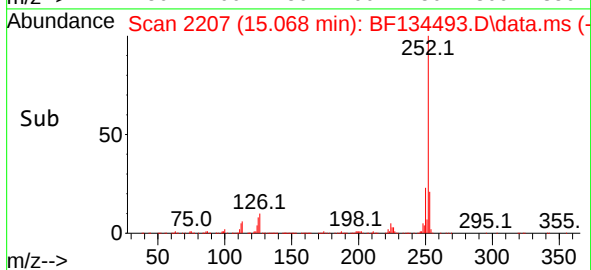
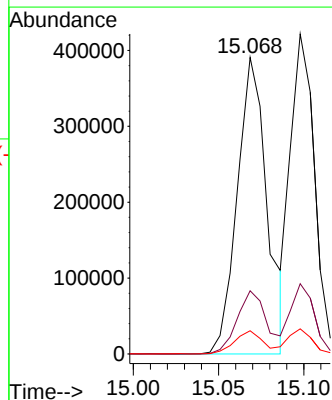
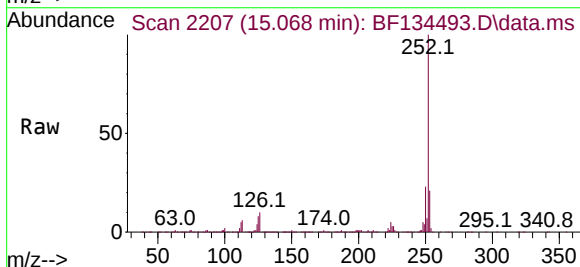
Instrument :
 BNA_F
 ClientSampleId :

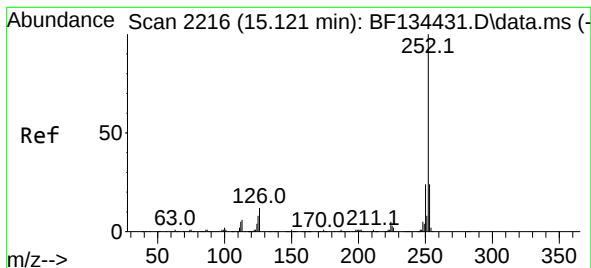
Tgt Ion:276 Resp: 397324
 Ion Ratio Lower Upper
 276 100
 138 18.5 14.2 21.4
 277 25.6 19.9 29.9



#88
 Benzo(b)fluoranthene
 Concen: 21.621 ng
 RT: 15.068 min Scan# 2207
 Delta R.T. -0.023 min
 Lab File: BF134493.D
 Acq: 26 Jul 2023 21:18

Tgt Ion:252 Resp: 476172
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.3 25.9
 125 7.8 6.0 9.0





#89

Benzo(k)fluoranthene

Concen: 19.296 ng

RT: 15.098 min Scan# 2212

Delta R.T. -0.023 min

Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

Instrument :

BNA_F

ClientSampleId :

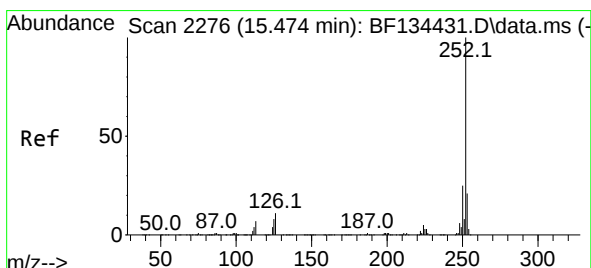
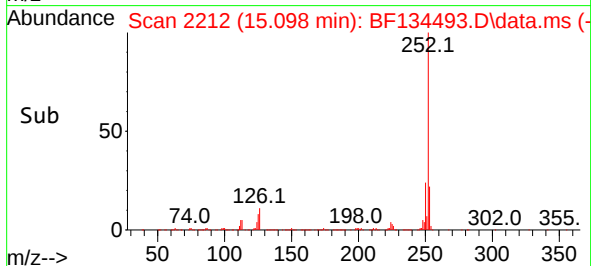
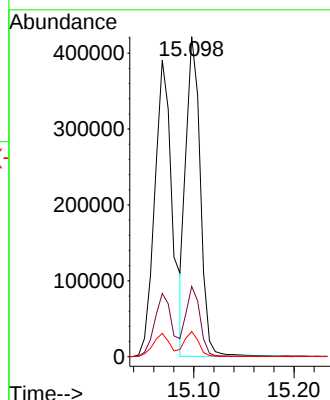
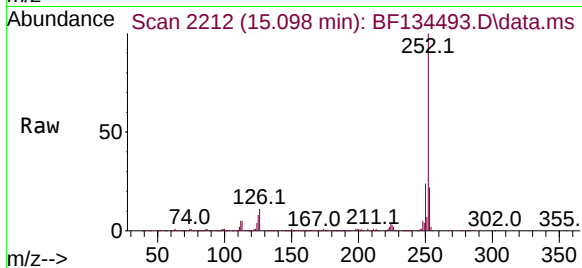
Tgt Ion:252 Resp: 417920

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

125 7.9 6.3 9.5



#90

Benzo(a)pyrene

Concen: 18.357 ng

RT: 15.445 min Scan# 2271

Delta R.T. -0.029 min

Lab File: BF134493.D

Acq: 26 Jul 2023 21:18

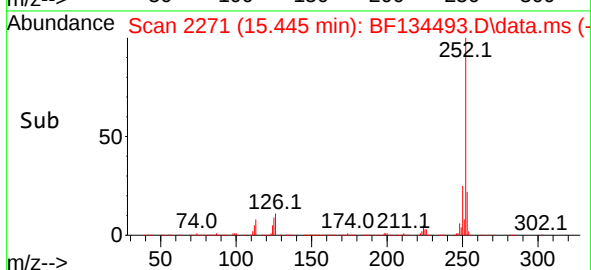
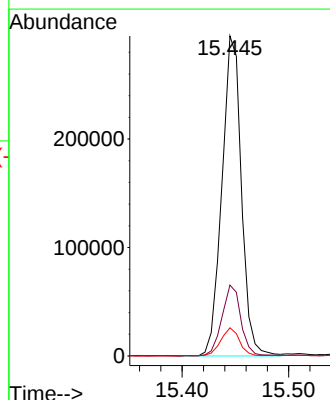
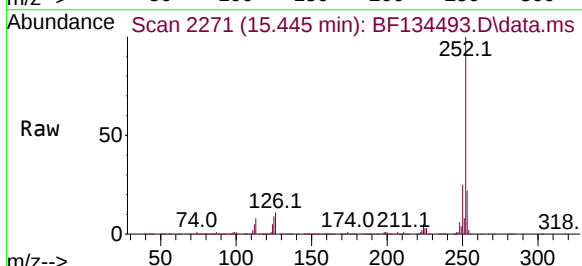
Tgt Ion:252 Resp: 373680

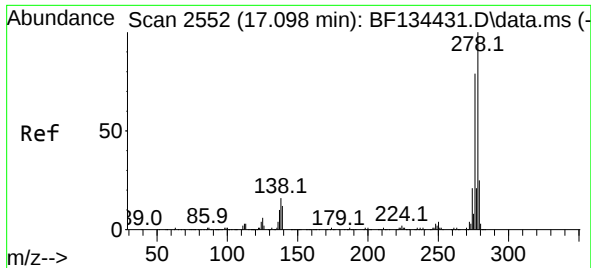
Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.4

125 8.8 6.2 9.4

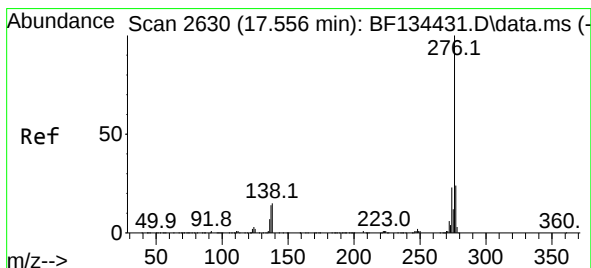
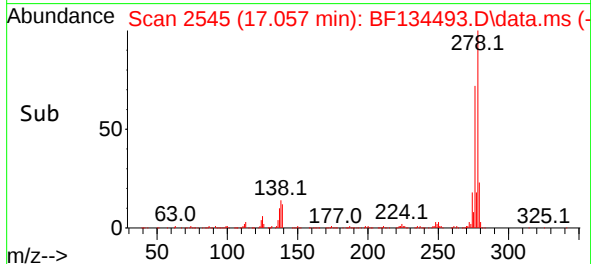
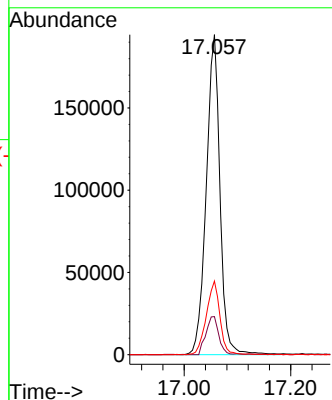
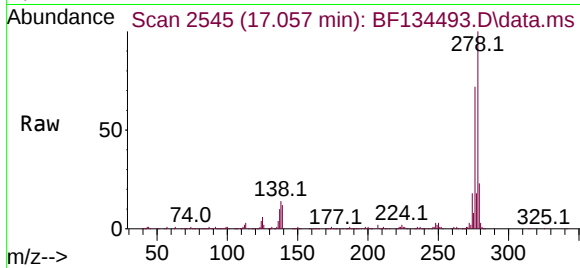




#91
Dibenzo(a,h)anthracene
Concen: 18.677 ng
RT: 17.057 min Scan# 21
Delta R.T. -0.041 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 346897
Ion Ratio Lower Upper
278 100
139 11.9 10.0 15.0
279 23.0 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 15.847 ng
RT: 17.509 min Scan# 2622
Delta R.T. -0.047 min
Lab File: BF134493.D
Acq: 26 Jul 2023 21:18

Tgt Ion:276 Resp: 302215
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.6
138 14.2 12.2 18.2

