

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072623\
 Data File : BF134494.D
 Acq On : 26 Jul 2023 21:50
 Operator : CG\JU
 Sample : 03580-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 01:56:35 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	6.822	152	104238	20.000	ng	-0.01
21) Naphthalene-d8	8.104	136	409226	20.000	ng	#-0.01
39) Acenaphthene-d10	9.863	164	211379	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	409729	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	219468	20.000	ng	-0.02
86) Perylene-d12	15.509	264	253649	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1004338	159.189	ng	0.00
7) Phenol-d6	6.475	99	800110	103.509	ng	0.00
23) Nitrobenzene-d5	7.392	82	629599	77.840	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	338333	112.653	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1224886	76.073	ng	-0.01
79) Terphenyl-d14	12.951	244	1272117	101.185	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	114772	42.888	ng	# 77
3) Pyridine	3.504	79	252277	41.997	ng	93
4) n-Nitrosodimethylamine	3.422	42	181418	51.104	ng	86
6) Aniline	6.498	93	151251	16.602	ng	# 82
8) 2-Chlorophenol	6.616	128	257889	40.348	ng	98
9) Benzaldehyde	6.387	77	80192	19.372	ng	97
10) Phenol	6.487	94	277514	34.506	ng	96
11) bis(2-Chloroethyl)ether	6.563	93	251215	44.744	ng	98
12) 1,3-Dichlorobenzene	6.763	146	267632	38.939	ng	99
13) 1,4-Dichlorobenzene	6.839	146	276257	39.058	ng	98
14) 1,2-Dichlorobenzene	6.992	146	258318	38.879	ng	97
15) Benzyl Alcohol	6.975	79	251973	42.219	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.098	45	377934	45.710	ng	87
17) 2-Methylphenol	7.087	107	209311	36.720	ng	98
18) Hexachloroethane	7.328	117	102379	37.676	ng	99
19) n-Nitroso-di-n-propyla...	7.239	70	196288	40.791	ng	98
20) 3+4-Methylphenols	7.239	107	267640	36.672	ng	98
22) Acetophenone	7.234	105	383242	37.656	ng	# 91
24) Nitrobenzene	7.410	77	293215	36.451	ng	99
25) Isophorone	7.645	82	538147	39.921	ng	99
26) 2-Nitrophenol	7.722	139	146585	39.620	ng	97
27) 2,4-Dimethylphenol	7.763	122	225397	38.605	ng	95
28) bis(2-Chloroethoxy)met...	7.851	93	318393	42.434	ng	98
29) 2,4-Dichlorophenol	7.969	162	235108	40.282	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	238323	37.855	ng	98
31) Naphthalene	8.128	128	800176	39.289	ng	99
32) Benzoic acid	7.910	122	160168	41.069	ng	# 86
33) 4-Chloroaniline	8.181	127	89313	10.609	ng	98
34) Hexachlorobutadiene	8.233	225	154314	36.588	ng	98
35) Caprolactam	8.563	113	40560	22.727	ng	94
36) 4-Chloro-3-methylphenol	8.675	107	262396	38.963	ng	98
37) 2-Methylnaphthalene	8.816	142	533081	37.671	ng	98
38) 1-Methylnaphthalene	8.916	142	496610	37.828	ng	97
40) 1,2,4,5-Tetrachloroben...	8.980	216	257455	38.434	ng	99
41) Hexachlorocyclopentadiene	8.963	237	175660	77.655	ng	92
43) 2,4,6-Trichlorophenol	9.104	196	175925	40.938	ng	99

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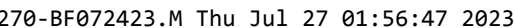
Instrument :
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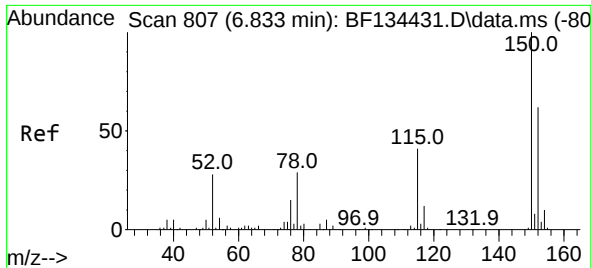
Quant Time: Jul 27 01:56:35 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	186913	37.332	ng	98
46) 1,1'-Biphenyl	9.280	154	679247	38.989	ng	98
47) 2-Chloronaphthalene	9.310	162	499466	38.888	ng	99
48) 2-Nitroaniline	9.416	65	177032	38.273	ng	95
49) Acenaphthylene	9.727	152	823954	37.974	ng	98
50) Dimethylphthalate	9.586	163	634077	40.466	ng	99
51) 2,6-Dinitrotoluene	9.657	165	138354	40.240	ng	88
52) Acenaphthene	9.898	154	496000	38.696	ng	97
53) 3-Nitroaniline	9.828	138	100408	25.471	ng	96
54) 2,4-Dinitrophenol	9.945	184	137358	76.464	ng	97
55) Dibenzofuran	10.069	168	749980	38.016	ng	99
56) 4-Nitrophenol	10.010	139	172519	82.066	ng	90
57) 2,4-Dinitrotoluene	10.069	165	179816	38.937	ng	94
58) Fluorene	10.416	166	617222	38.782	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	145884	37.925	ng	98
60) Diethylphthalate	10.286	149	673541	41.517	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	284894	37.473	ng	98
62) 4-Nitroaniline	10.451	138	129049	31.908	ng	96
63) Azobenzene	10.569	77	598450	40.076	ng	100
65) 4,6-Dinitro-2-methylph...	10.480	198	92091	39.183	ng	94
66) n-Nitrosodiphenylamine	10.527	169	536454	41.153	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	184877	41.183	ng	98
68) Hexachlorobenzene	10.963	284	213796	42.292	ng	99
69) Atrazine	11.063	200	177149	48.742	ng	98
70) Pentachlorophenol	11.169	266	181972	85.776	ng	95
71) Phenanthrene	11.380	178	852904	39.841	ng	99
72) Anthracene	11.433	178	844457	38.219	ng	99
73) Carbazole	11.598	167	796862	38.299	ng	98
74) Di-n-butylphthalate	11.916	149	1059784	44.372	ng	99
75) Fluoranthene	12.580	202	823305	32.999	ng	99
77) Benzidine	12.704	184	26005	5.549	ng	# 92
78) Pyrene	12.810	202	667422	38.247	ng	100
80) Butylbenzylphthalate	13.421	149	368310	52.690	ng	99
81) Benzo(a)anthracene	14.004	228	618549	40.397	ng	100
82) 3,3'-Dichlorobenzidine	13.968	252	192855	39.766	ng	98
83) Chrysene	14.045	228	561003	38.305	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	477178	56.191	ng	99
85) Di-n-octyl phthalate	14.604	149	816942	69.225	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	514046	31.021	ng	99
88) Benzo(b)fluoranthene	15.068	252	666119	41.978	ng	99
89) Benzo(k)fluoranthene	15.098	252	598365	38.343	ng	99
90) Benzo(a)pyrene	15.445	252	557257	37.993	ng	# 96
91) Dibenzo(a,h)anthracene	17.056	278	435720	32.559	ng	97
92) Benzo(g,h,i)perylene	17.509	276	390056	28.386	ng	100

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

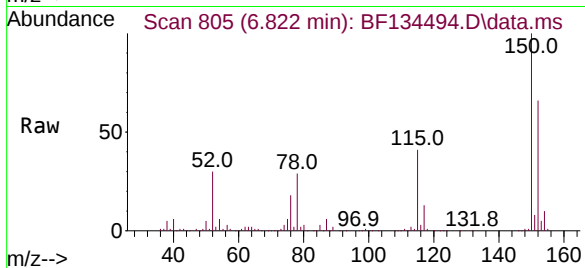
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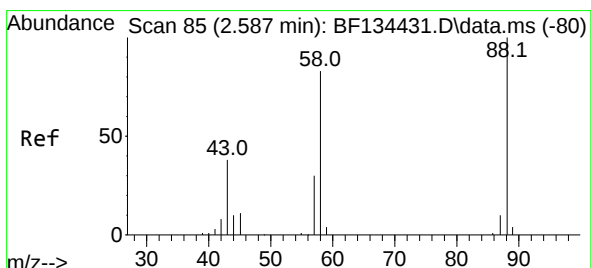
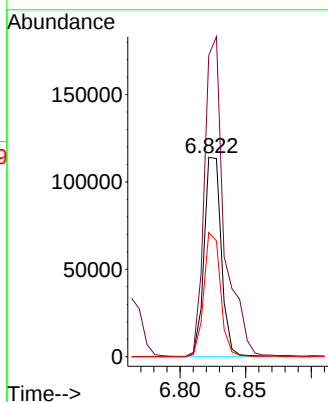
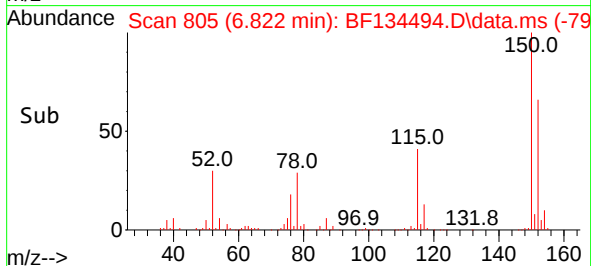


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 80
 Delta R.T. -0.011 min
 Lab File: BF134494.D
 Acq: 26 Jul 2023 21:50

Instrument :
 BNA_F
 ClientSampleId :

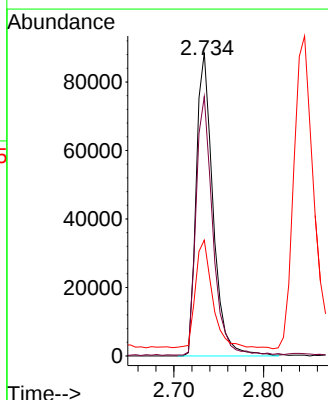
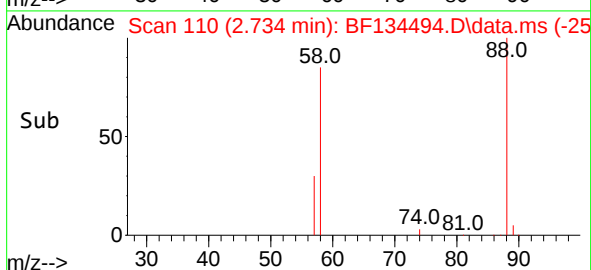
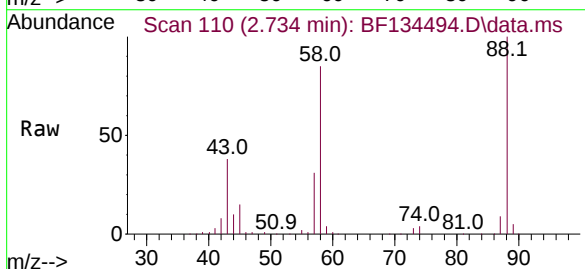


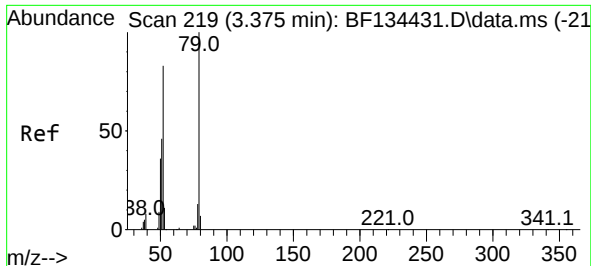
Tgt Ion:152 Resp: 104238
 Ion Ratio Lower Upper
 152 100
 150 151.2 128.3 192.5
 115 62.3 52.4 78.6



#2
 1,4-Dioxane
 Concen: 42.888 ng
 RT: 2.734 min Scan# 110
 Delta R.T. 0.147 min
 Lab File: BF134494.D
 Acq: 26 Jul 2023 21:50

Tgt Ion: 88 Resp: 114772
 Ion Ratio Lower Upper
 88 100
 58 84.9 65.1 97.7
 43 0.0 30.3 45.5

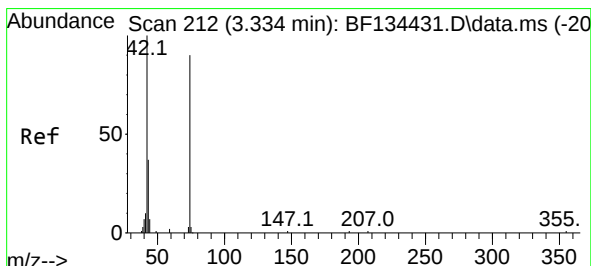
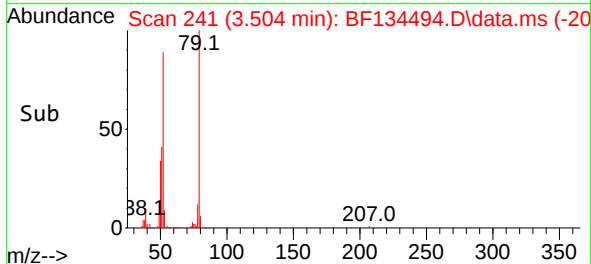
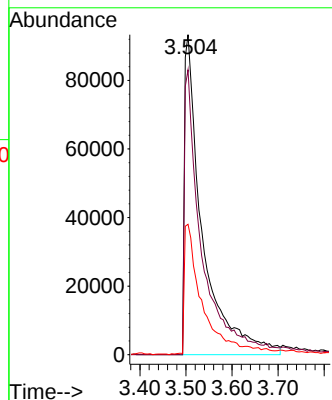
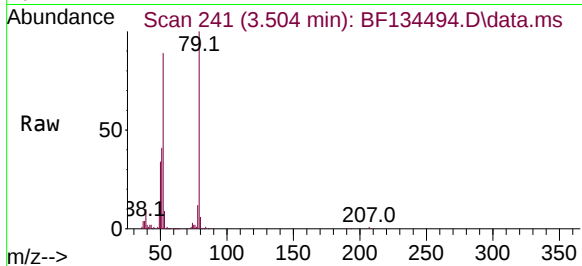




#3
 Pyridine
 Concen: 41.997 ng
 RT: 3.504 min Scan# 24
 Delta R.T. 0.129 min
 Lab File: BF134494.D
 Acq: 26 Jul 2023 21:50

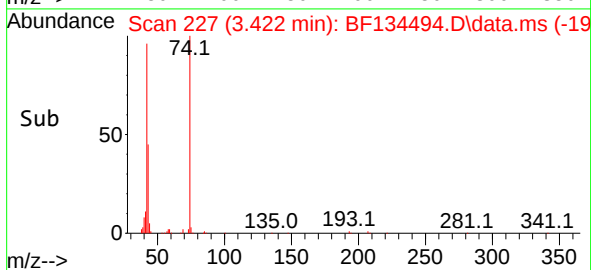
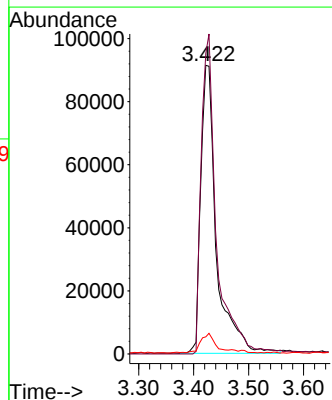
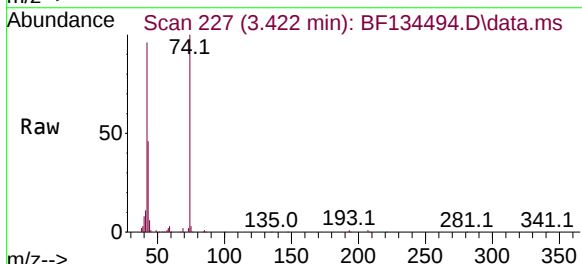
Instrument :
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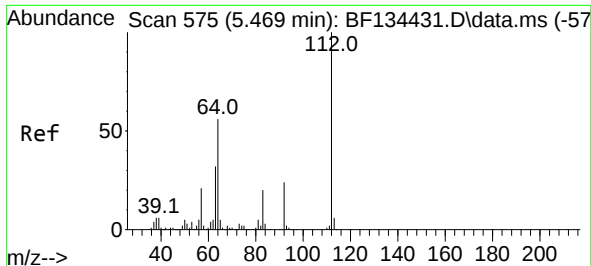
Tgt Ion: 79 Resp: 252277
 Ion Ratio Lower Upper
 79 100
 52 89.1 66.6 100.0
 51 40.7 36.5 54.7



#4
 n-Nitrosodimethylamine
 Concen: 51.104 ng
 RT: 3.422 min Scan# 227
 Delta R.T. 0.088 min
 Lab File: BF134494.D
 Acq: 26 Jul 2023 21:50

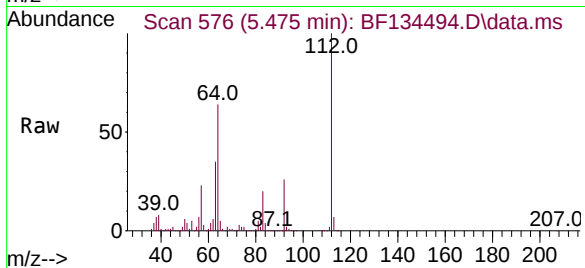
Tgt Ion: 42 Resp: 181418
 Ion Ratio Lower Upper
 42 100
 74 104.1 72.2 108.4
 44 6.0 5.4 8.0



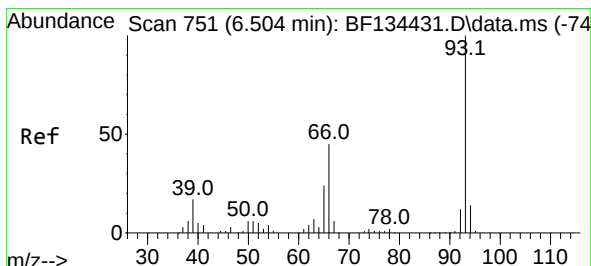
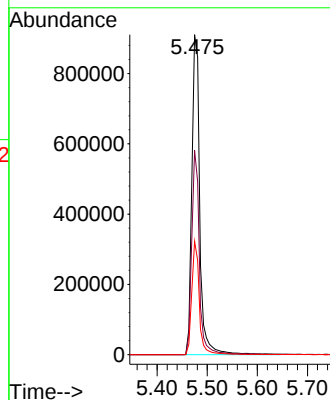
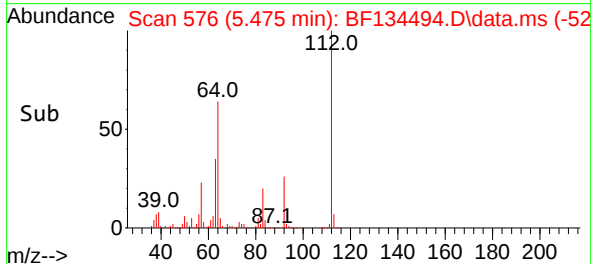


#5
2-Fluorophenol
Concen: 159.189 ng
RT: 5.475 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

Instrument :
BNA_F
ClientSampleId :

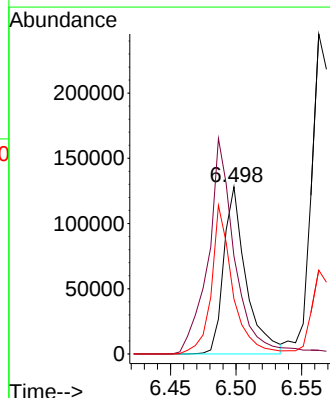
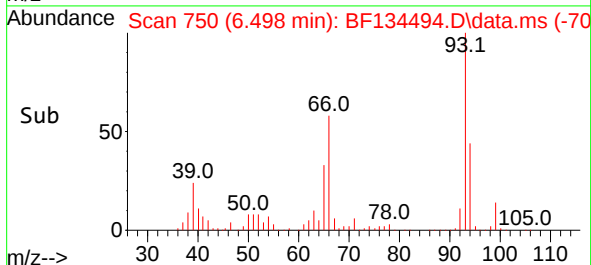
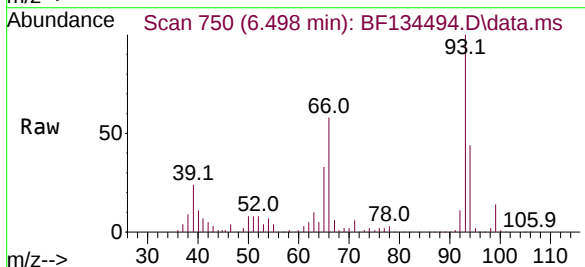


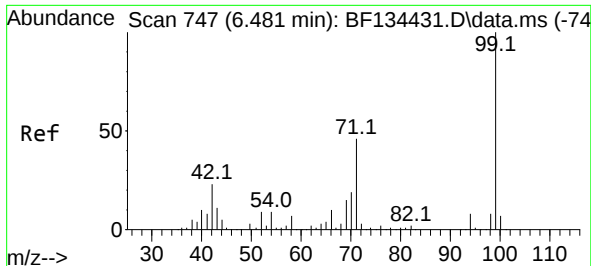
Tgt Ion:112 Resp: 1004338
Ion Ratio Lower Upper
112 100
64 63.9 44.9 67.3
63 35.4 25.4 38.0



#6
Aniline
Concen: 16.602 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

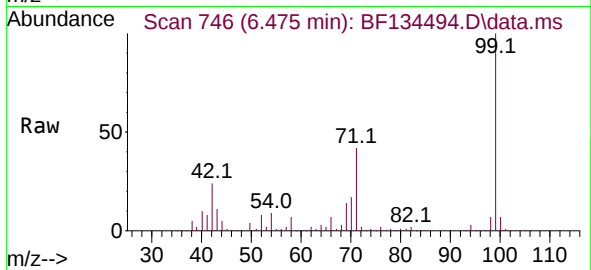
Tgt Ion: 93 Resp: 151251
Ion Ratio Lower Upper
93 100
66 58.4 36.8 55.2#
65 32.8 19.4 29.0#



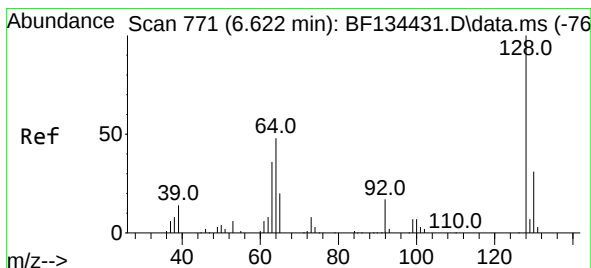
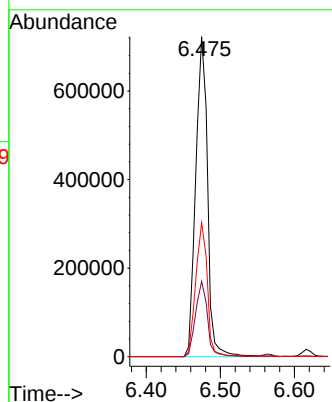
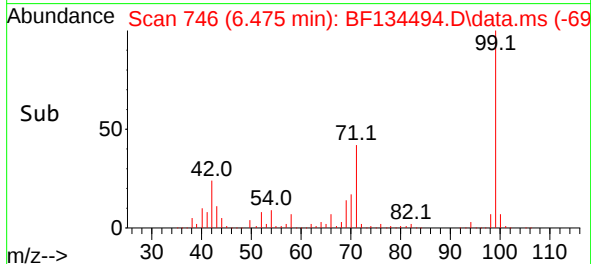


#7
Phenol-d6
Concen: 103.509 ng
RT: 6.475 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

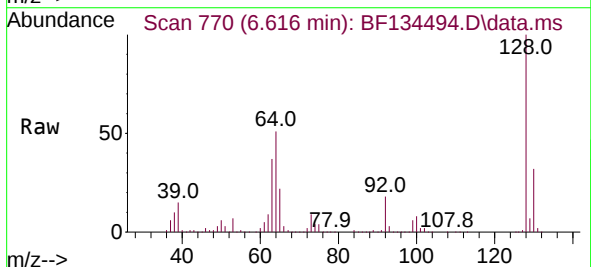
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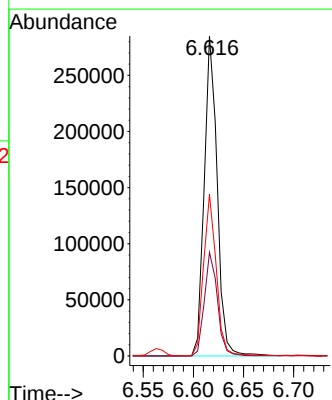
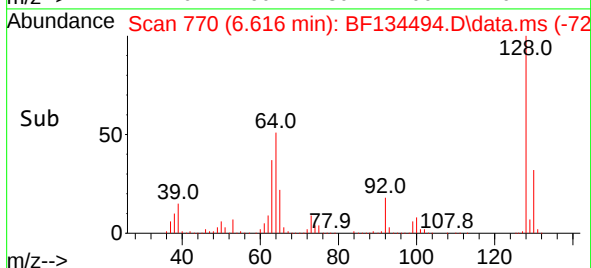
Tgt Ion: 99 Resp: 800110
Ion Ratio Lower Upper
99 100
42 23.6 18.7 28.1
71 41.8 36.4 54.6

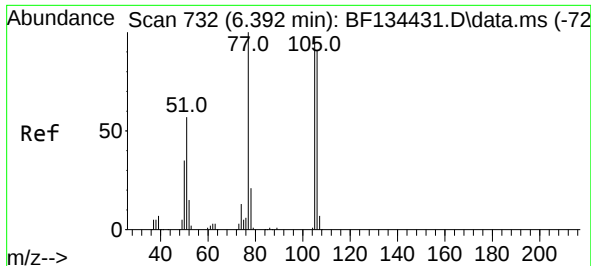


#8
2-Chlorophenol
Concen: 40.348 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50



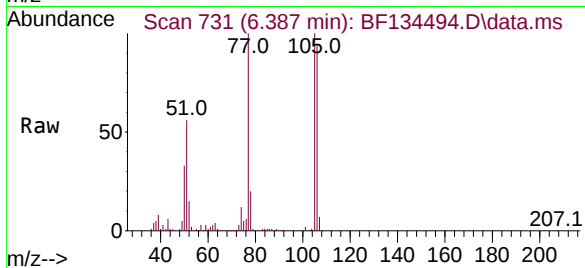
Tgt Ion: 128 Resp: 257889
Ion Ratio Lower Upper
128 100
130 32.4 11.1 51.1
64 50.5 31.9 71.9



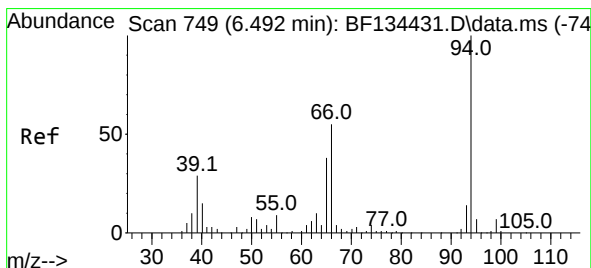
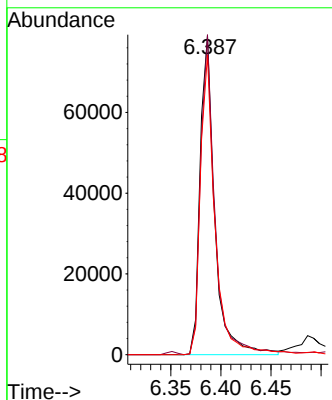
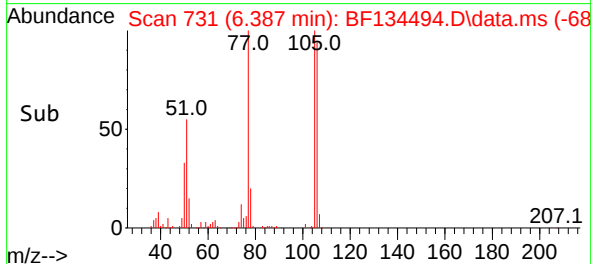


#9
Benzaldehyde
Concen: 19.372 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

Instrument :
BNA_F
ClientSampleId :

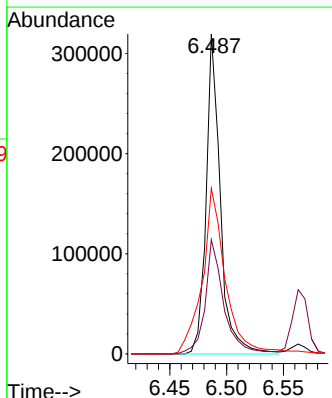
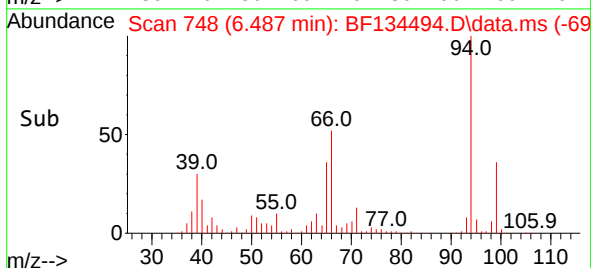
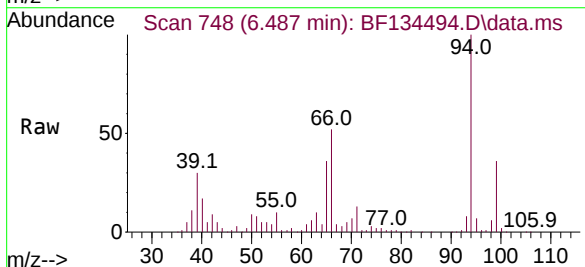


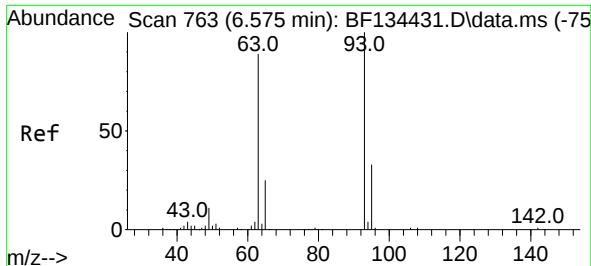
Tgt Ion: 77 Resp: 80192
Ion Ratio Lower Upper
77 100
105 100.2 77.1 117.1
106 93.9 71.4 111.4



#10
Phenol
Concen: 34.506 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

Tgt Ion: 94 Resp: 277514
Ion Ratio Lower Upper
94 100
65 35.7 17.8 57.8
66 51.7 35.2 75.2

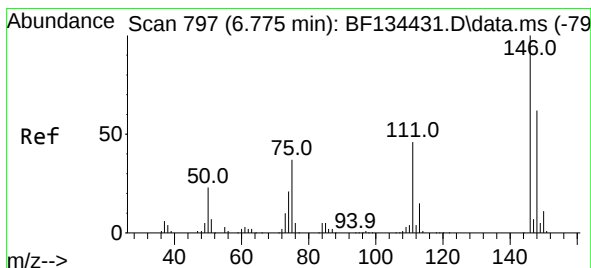
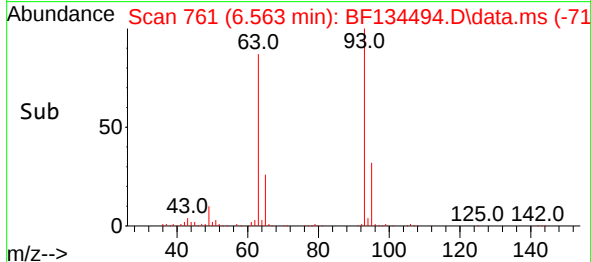
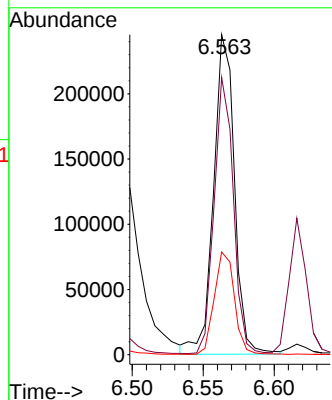
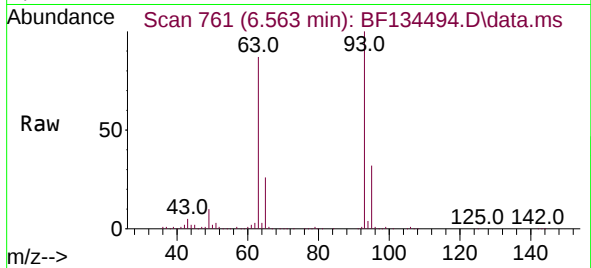




#11
bis(2-Chloroethyl)ether
Concen: 44.744 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.012 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

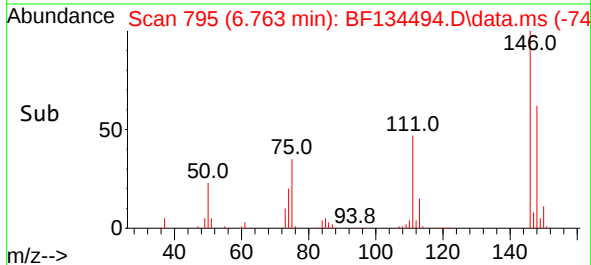
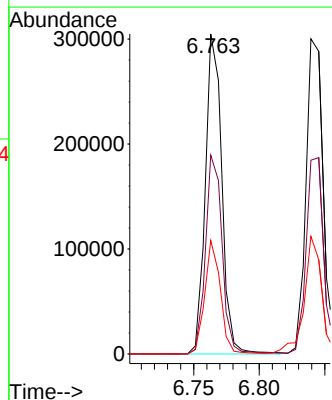
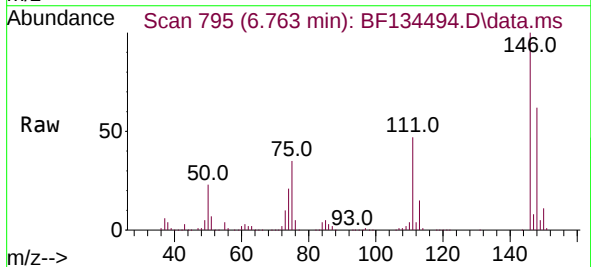
Instrument :
BNA_F
ClientSampleId :

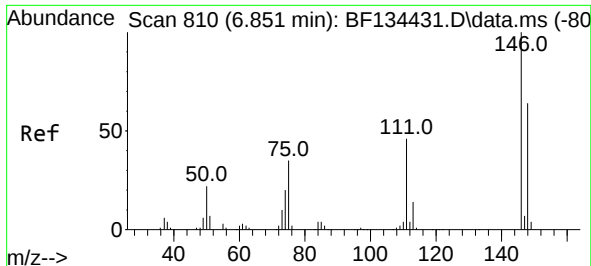
Tgt Ion: 93 Resp: 251215
Ion Ratio Lower Upper
93 100
63 86.6 68.4 108.4
95 32.1 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 38.939 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

Tgt Ion:146 Resp: 267632
Ion Ratio Lower Upper
146 100
148 62.2 49.7 74.5
75 35.5 29.5 44.3

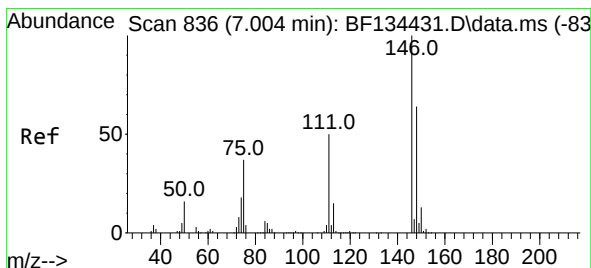
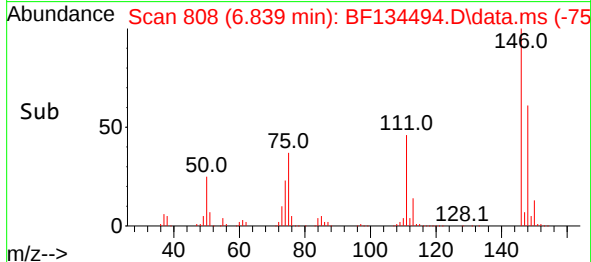
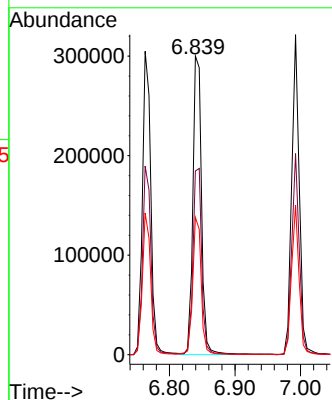
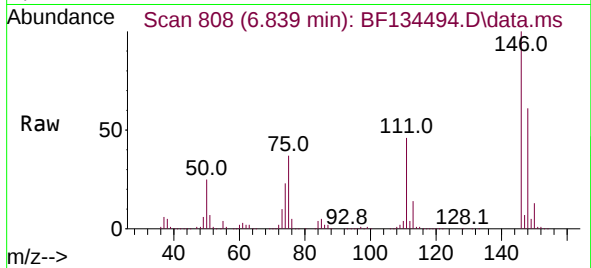




#13
1,4-Dichlorobenzene
Concen: 39.058 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.012 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

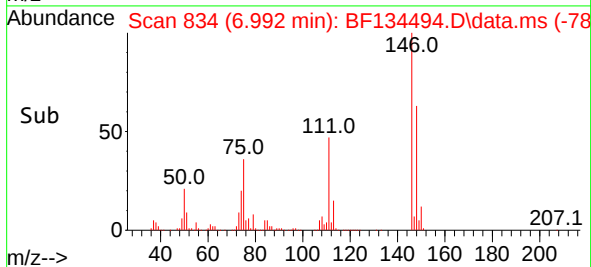
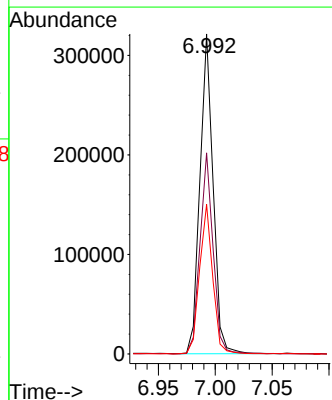
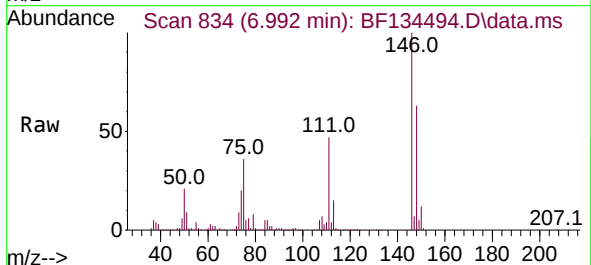
Instrument :
BNA_F
ClientSampleId :

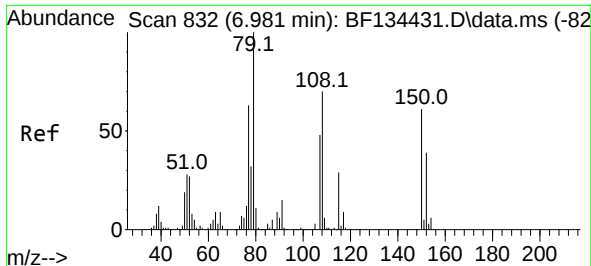
Tgt Ion:146 Resp: 276257
Ion Ratio Lower Upper
146 100
148 61.5 51.3 76.9
111 46.0 36.6 55.0



#14
1,2-Dichlorobenzene
Concen: 38.879 ng
RT: 6.992 min Scan# 834
Delta R.T. -0.012 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

Tgt Ion:146 Resp: 258318
Ion Ratio Lower Upper
146 100
148 62.9 51.2 76.8
111 46.7 39.9 59.9

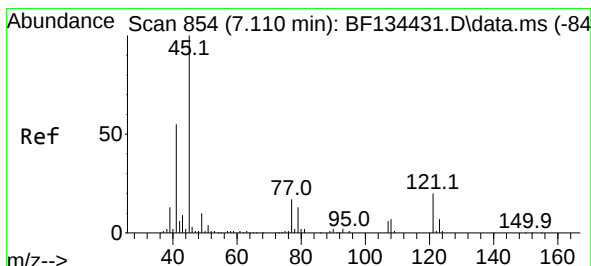
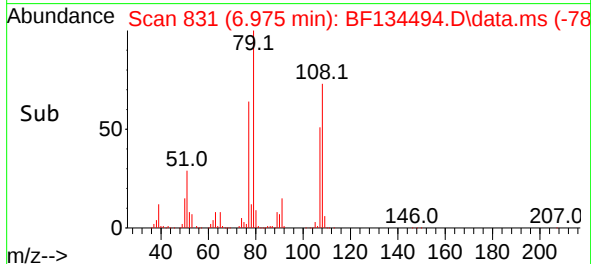
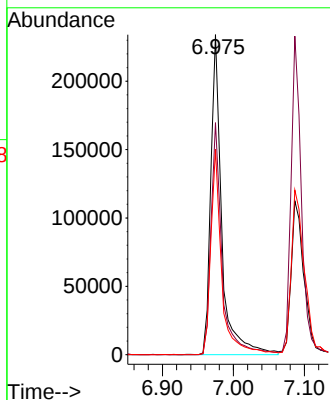
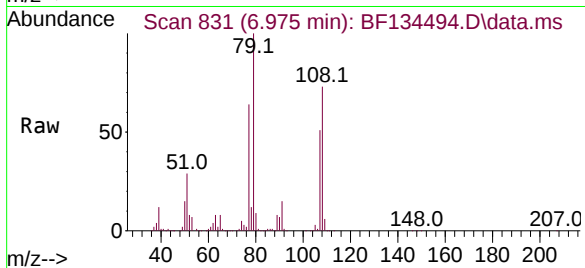




#15
Benzyl Alcohol
Concen: 42.219 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

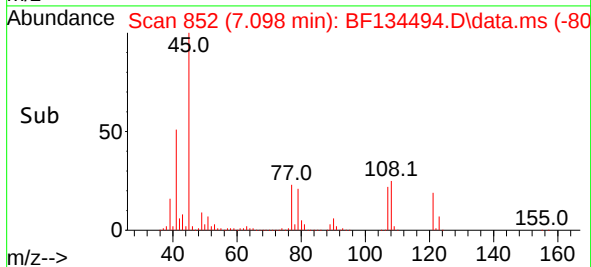
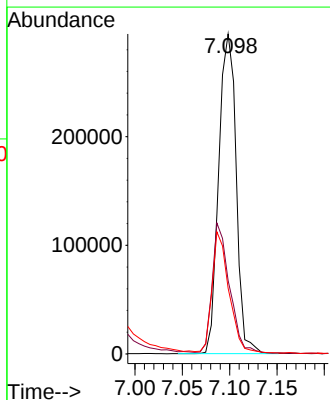
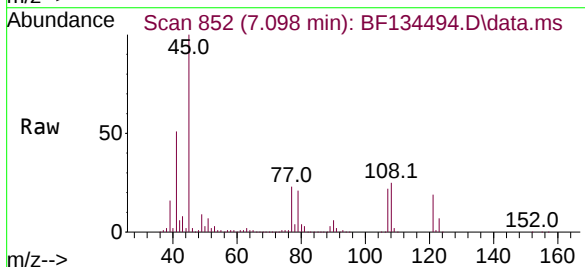
Instrument :
BNA_F
ClientSampleId :

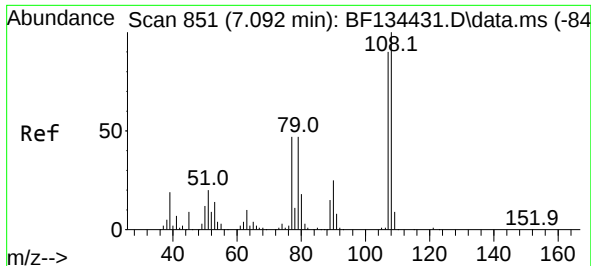
Tgt Ion: 79 Resp: 251973
Ion Ratio Lower Upper
79 100
108 72.5 56.3 84.5
77 64.2 50.6 76.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.710 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.012 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

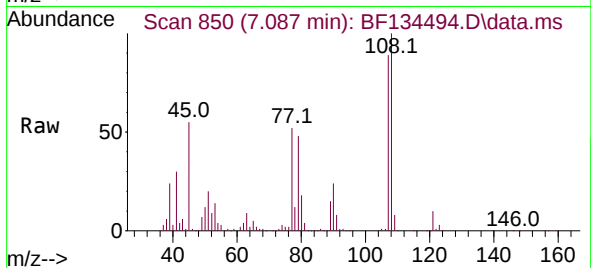
Tgt Ion: 45 Resp: 377934
Ion Ratio Lower Upper
45 100
77 22.9 0.0 37.8
79 20.6 0.0 34.5



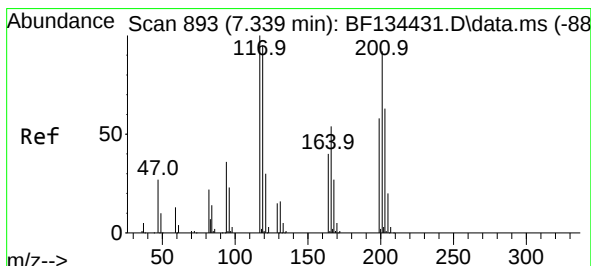
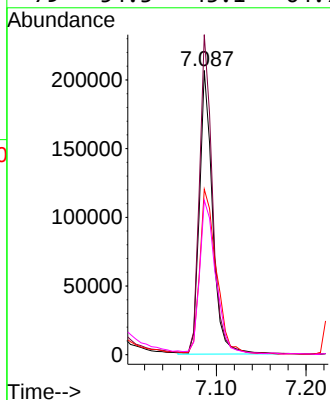
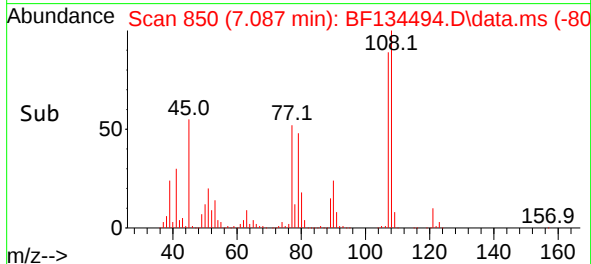


#17
2-Methylphenol
Concen: 36.720 ng
RT: 7.087 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

Instrument :
BNA_F
ClientSampleId :

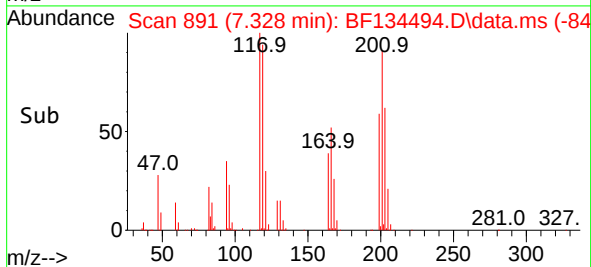
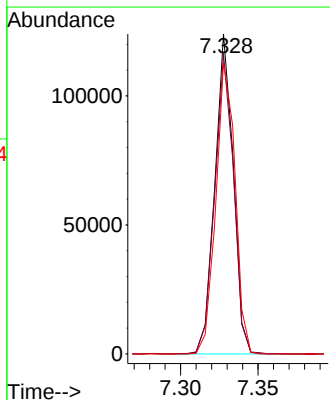
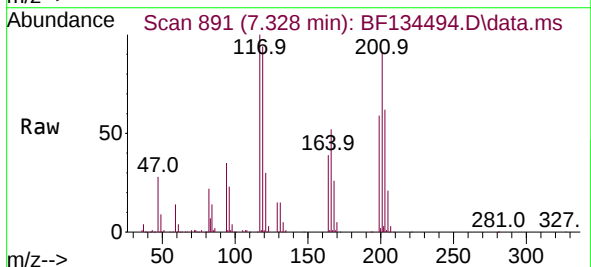


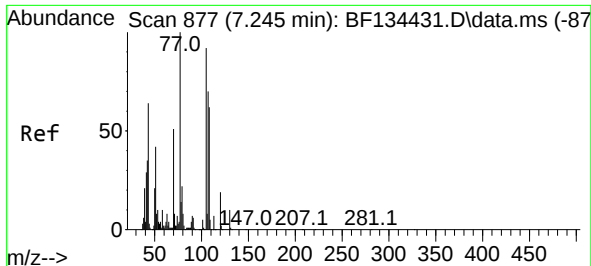
Tgt Ion:	107	Resp:	209311
Ion	Ratio	Lower	Upper
107	100		
108	112.6	89.4	134.2
77	58.2	42.4	63.6
79	54.3	43.1	64.7



#18
Hexachloroethane
Concen: 37.676 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.012 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

Tgt Ion:	117	Resp:	102379
Ion	Ratio	Lower	Upper
117	100		
119	93.9	75.8	113.8
201	91.0	73.6	110.4



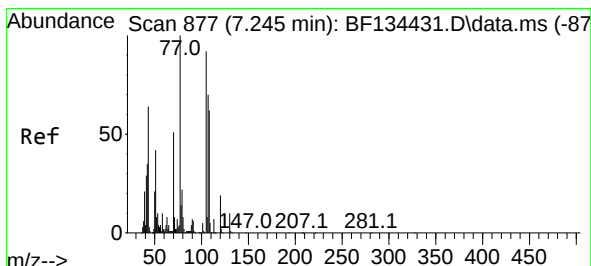
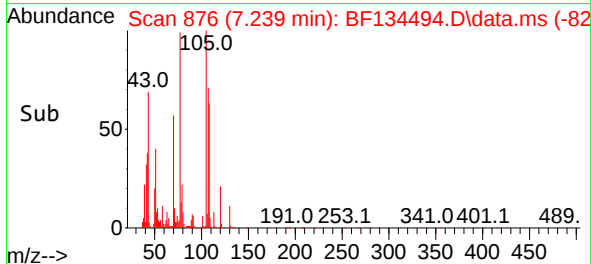
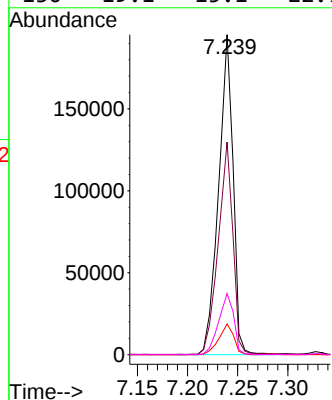
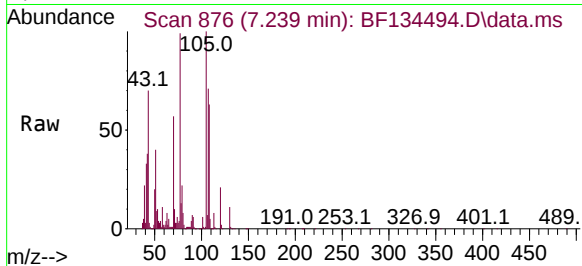


#19
n-Nitroso-di-n-propylamine
Concen: 40.791 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 196288

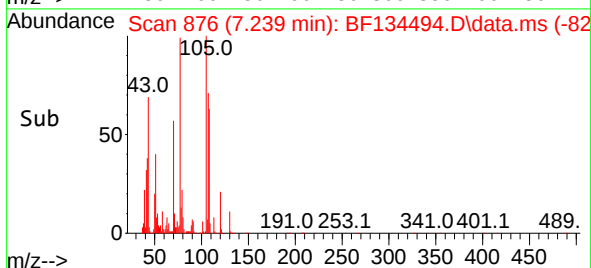
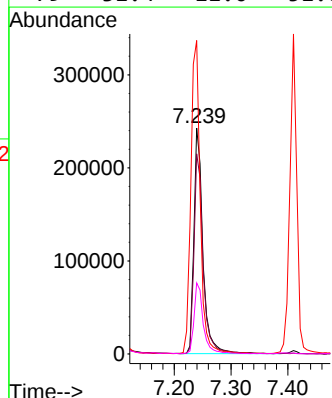
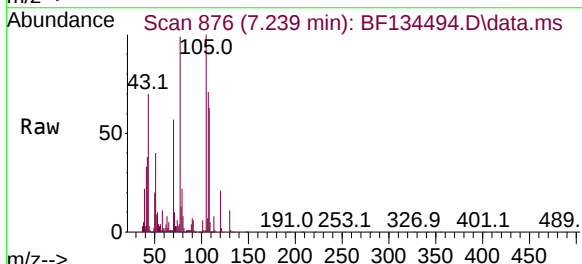
Ion	Ratio	Lower	Upper
70	100		
42	66.5	54.7	82.1
101	9.6	8.2	12.2
130	19.1	15.1	22.7

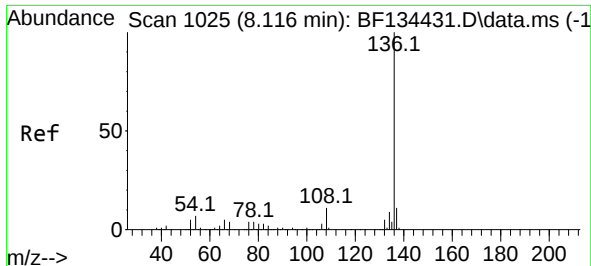


#20
3+4-Methylphenols
Concen: 36.672 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

Tgt Ion: 107 Resp: 267640

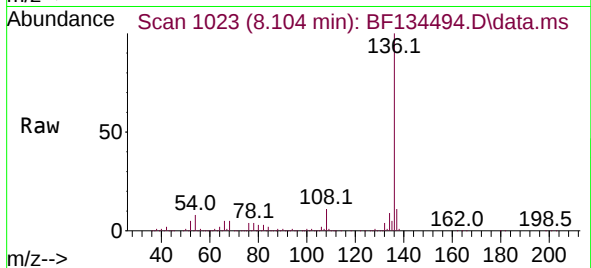
Ion	Ratio	Lower	Upper
107	100		
108	88.6	68.1	108.1
77	138.8	122.1	162.1
79	31.4	11.0	51.0



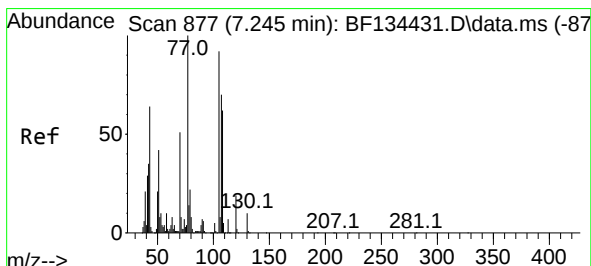
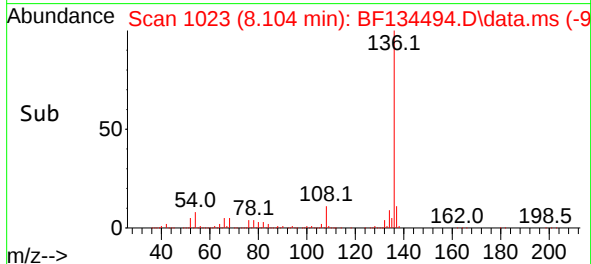
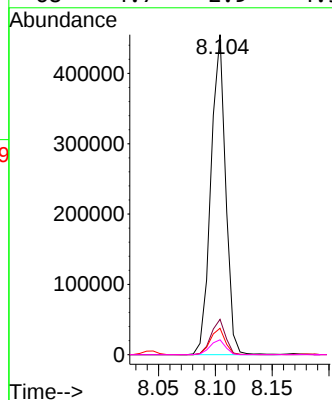


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.012 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

Instrument :
BNA_F
ClientSampleId :

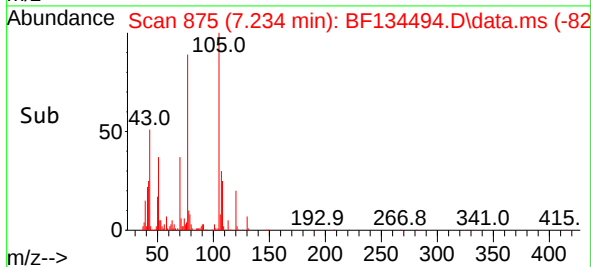
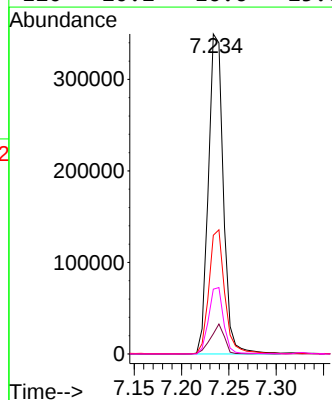
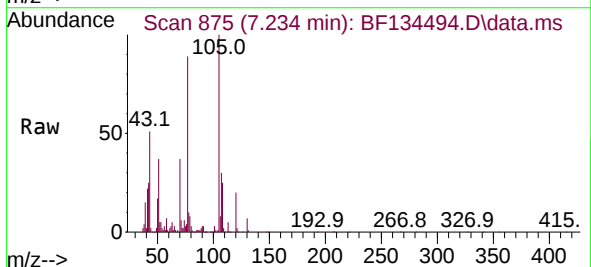


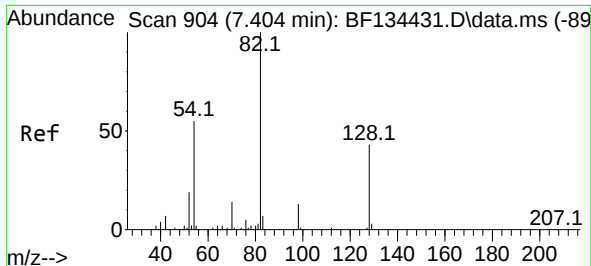
Tgt Ion:136 Resp: 409226
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.3 5.2 7.8#
68 4.7 2.9 4.3#



#22
Acetophenone
Concen: 37.656 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

Tgt Ion:105 Resp: 383242
Ion Ratio Lower Upper
105 100
71 6.3 7.4 11.0#
51 37.1 36.4 54.6
120 20.2 16.6 25.0





#23

Nitrobenzene-d5

Concen: 77.840 ng

RT: 7.392 min Scan# 904

Delta R.T. -0.012 min

Lab File: BF134494.D

Acq: 26 Jul 2023 21:50

Instrument :

BNA_F

ClientSampleId :

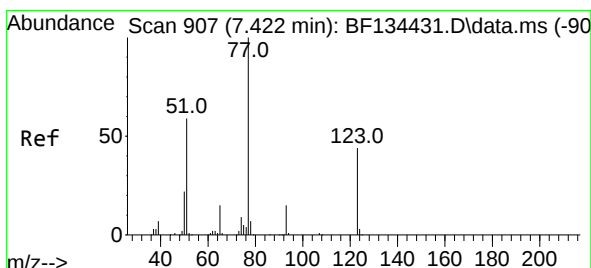
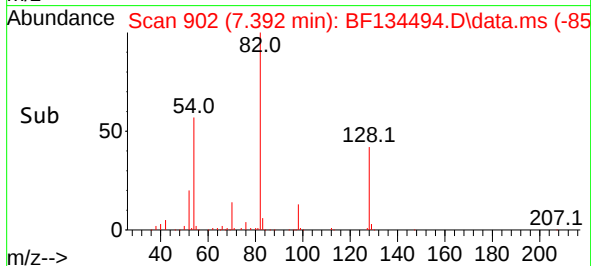
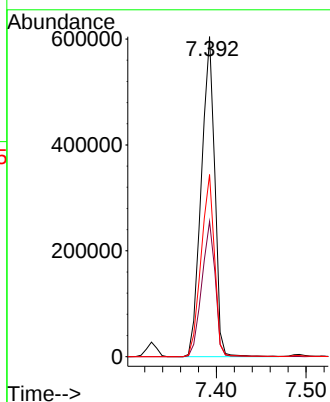
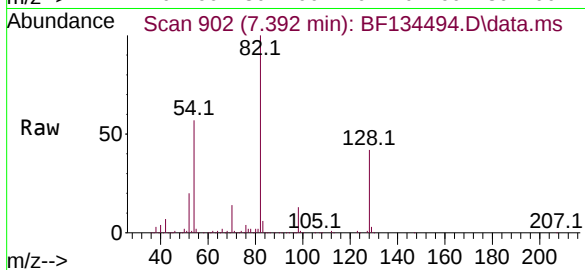
Tgt Ion: 82 Resp: 629599

Ion Ratio Lower Upper

82 100

128 42.2 34.3 51.5

54 56.9 43.8 65.6



#24

Nitrobenzene

Concen: 36.451 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF134494.D

Acq: 26 Jul 2023 21:50

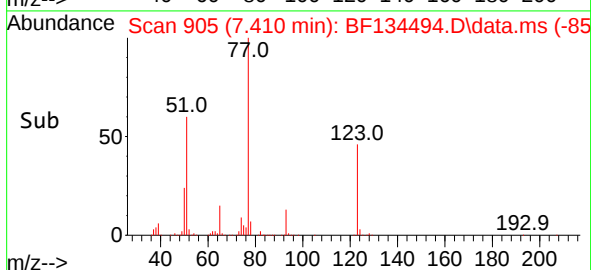
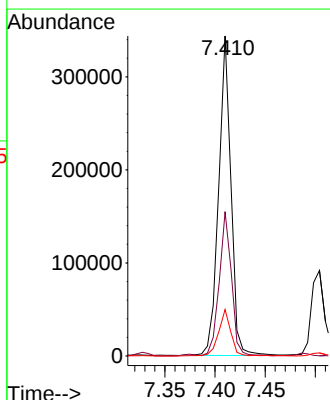
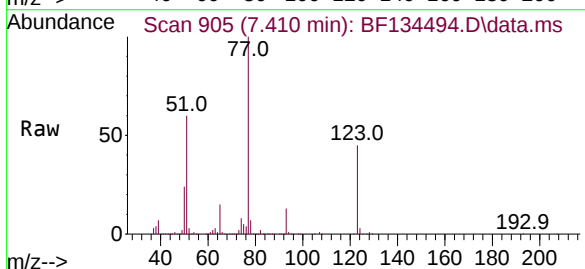
Tgt Ion: 77 Resp: 293215

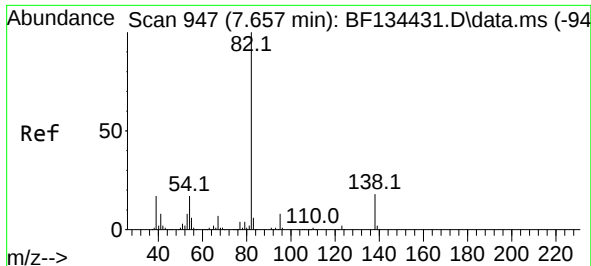
Ion Ratio Lower Upper

77 100

123 45.1 35.5 53.3

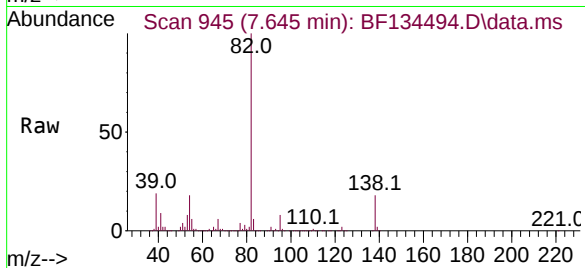
65 14.5 11.9 17.9



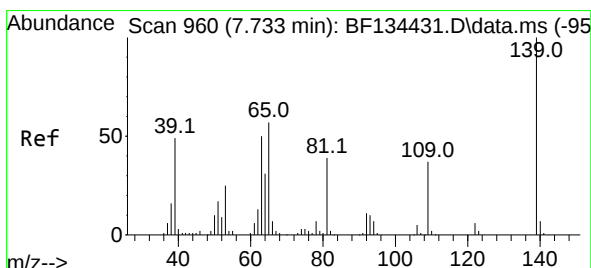
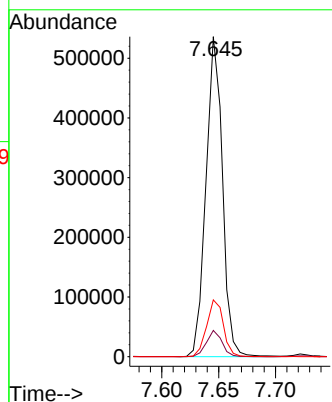
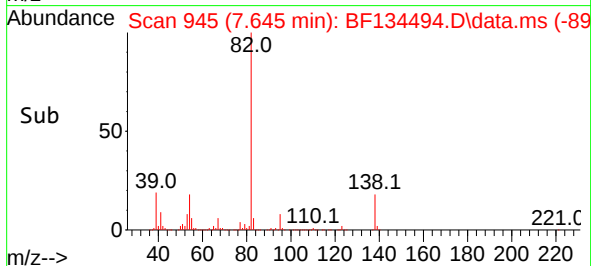


#25
Isophorone
Concen: 39.921 ng
RT: 7.645 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

Instrument :
BNA_F
ClientSampleId :

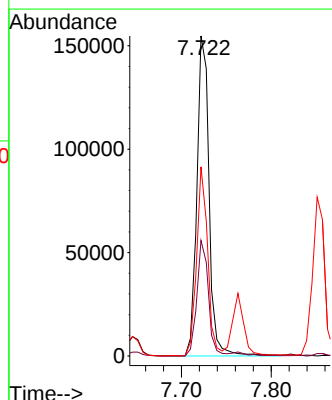
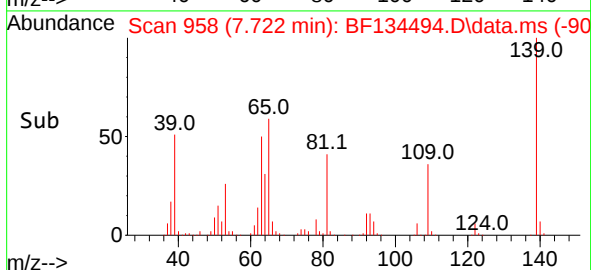
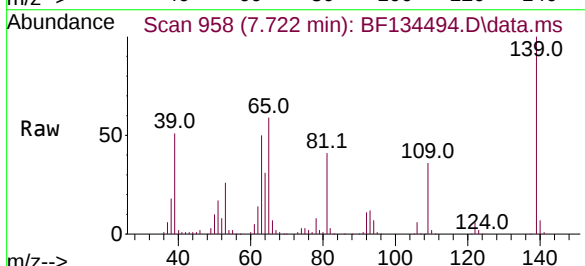


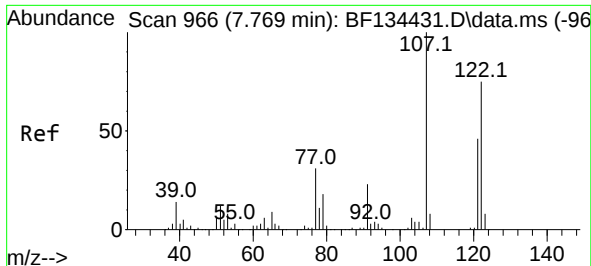
Tgt Ion: 82 Resp: 538147
Ion Ratio Lower Upper
82 100
95 8.2 6.0 9.0
138 17.8 14.6 22.0



#26
2-Nitrophenol
Concen: 39.620 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.012 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

Tgt Ion: 139 Resp: 146585
Ion Ratio Lower Upper
139 100
109 36.1 29.8 44.6
65 59.1 45.4 68.2





#27

2,4-Dimethylphenol

Concen: 38.605 ng

RT: 7.763 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF134494.D

Acq: 26 Jul 2023 21:50

Instrument :

BNA_F

ClientSampleId :

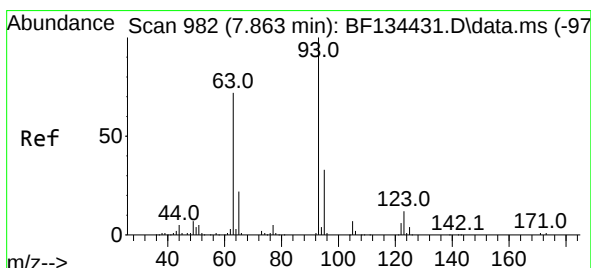
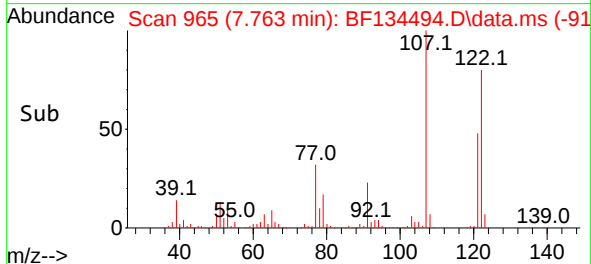
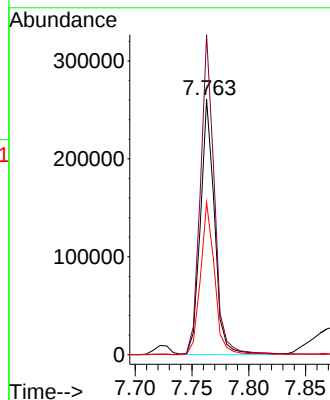
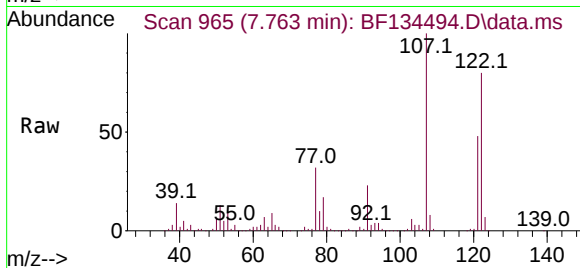
Tgt Ion:122 Resp: 225397

Ion Ratio Lower Upper

122 100

107 125.3 106.7 160.1

121 59.6 49.0 73.6



#28

bis(2-Chloroethoxy)methane

Concen: 42.434 ng

RT: 7.851 min Scan# 980

Delta R.T. -0.012 min

Lab File: BF134494.D

Acq: 26 Jul 2023 21:50

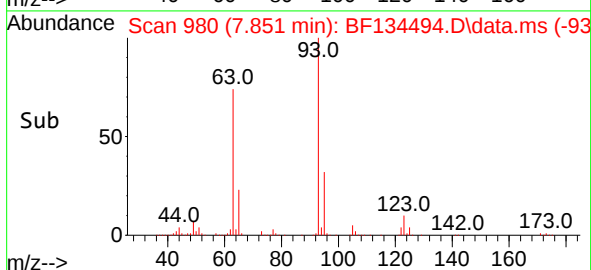
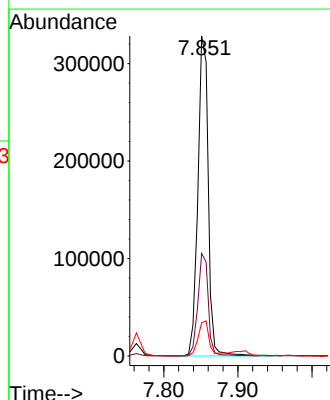
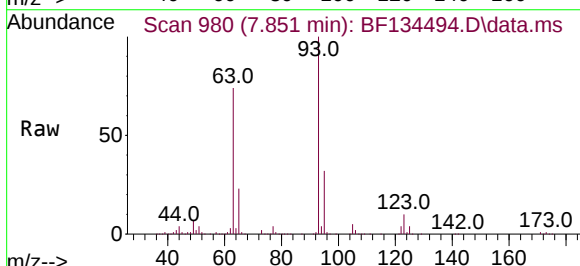
Tgt Ion: 93 Resp: 318393

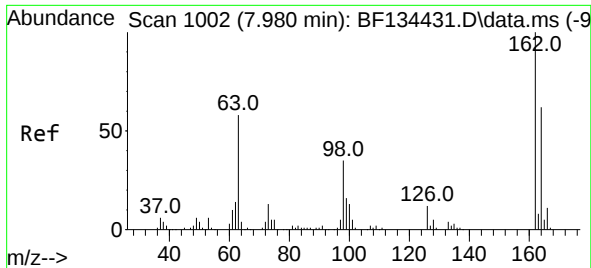
Ion Ratio Lower Upper

93 100

95 32.1 26.5 39.7

123 10.4 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 40.282 ng

RT: 7.969 min Scan# 1000

Delta R.T. -0.012 min

Lab File: BF134494.D

Acq: 26 Jul 2023 21:50

Instrument :

BNA_F

ClientSampleId :

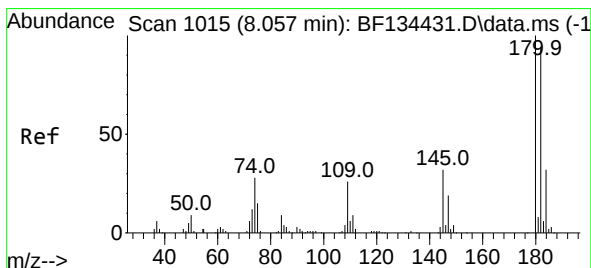
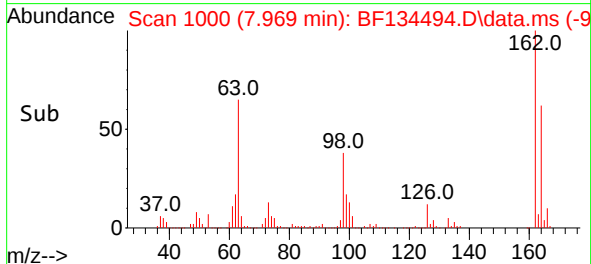
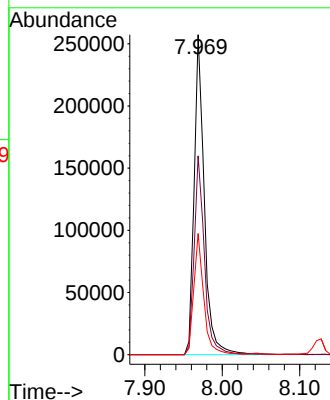
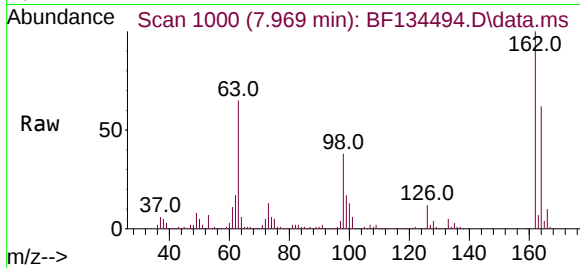
Tgt Ion:162 Resp: 235108

Ion Ratio Lower Upper

162 100

164 62.2 42.2 82.2

98 37.9 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 37.855 ng

RT: 8.045 min Scan# 1013

Delta R.T. -0.012 min

Lab File: BF134494.D

Acq: 26 Jul 2023 21:50

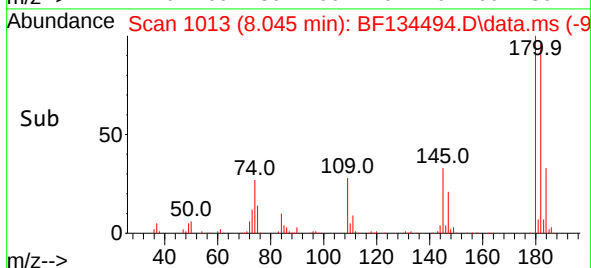
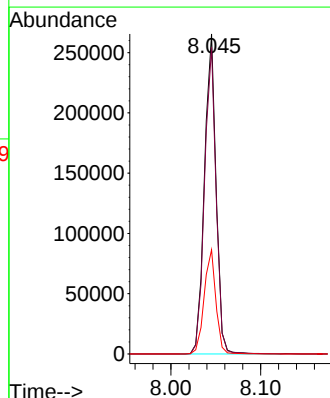
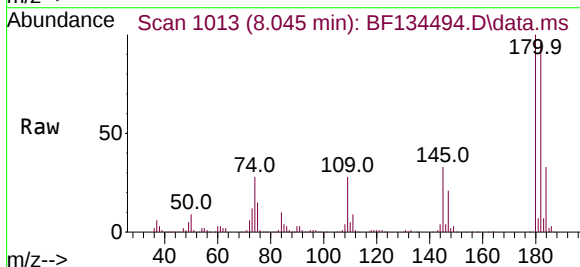
Tgt Ion:180 Resp: 238323

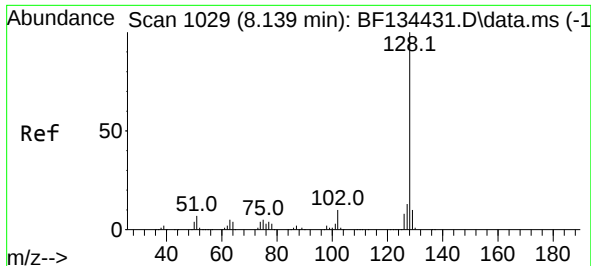
Ion Ratio Lower Upper

180 100

182 95.8 75.0 112.6

145 32.5 25.5 38.3

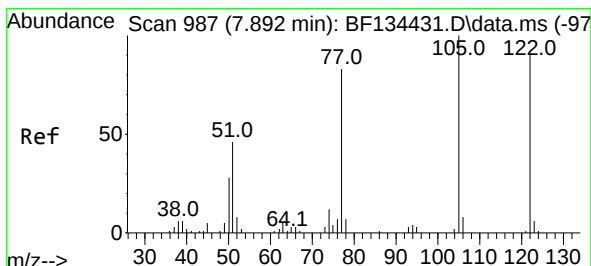
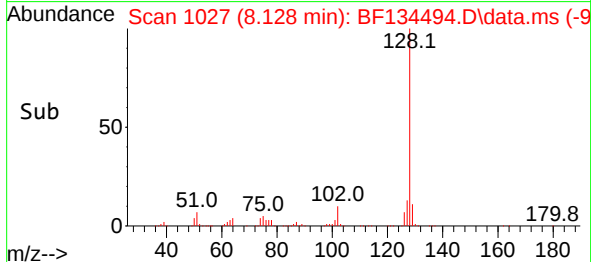
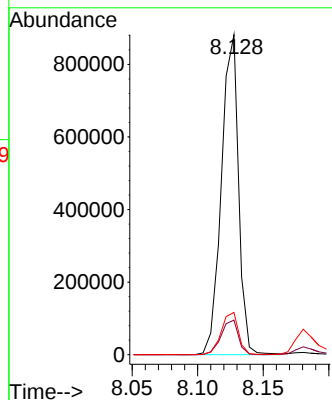
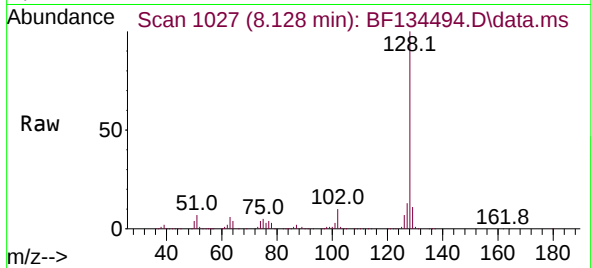




#31
Naphthalene
Concen: 39.289 ng
RT: 8.128 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

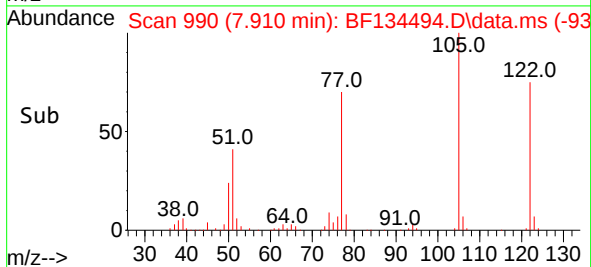
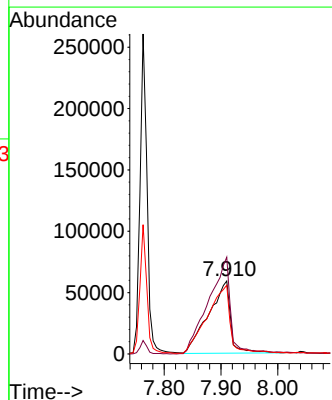
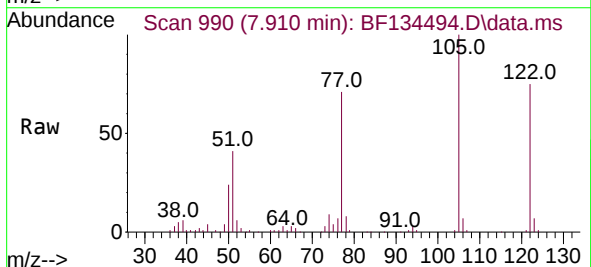
Instrument :
BNA_F
ClientSampleId :

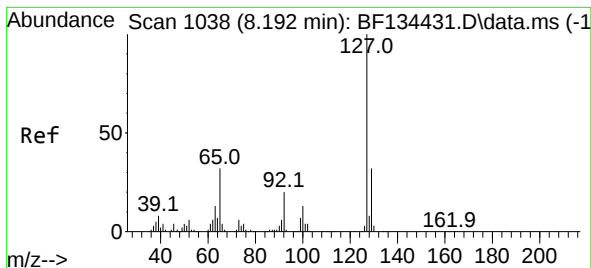
Tgt Ion:128 Resp: 800176
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 41.069 ng
RT: 7.910 min Scan# 990
Delta R.T. 0.018 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

Tgt Ion:122 Resp: 160168
Ion Ratio Lower Upper
122 100
105 132.7 87.5 127.5#
77 94.2 71.4 111.4





#33

4-Chloroaniline

Concen: 10.609 ng

RT: 8.181 min Scan# 1036

Delta R.T. -0.012 min

Lab File: BF134494.D

Acq: 26 Jul 2023 21:50

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:127 Resp: 89313

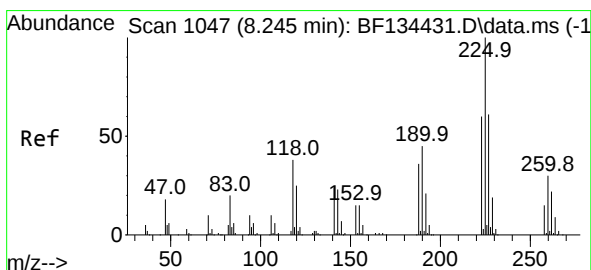
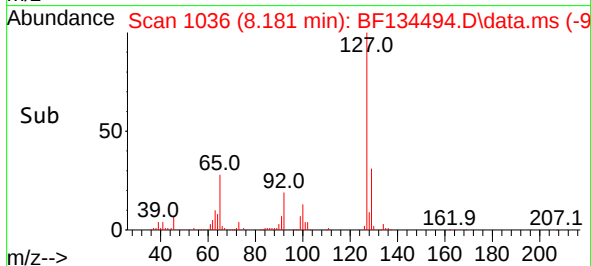
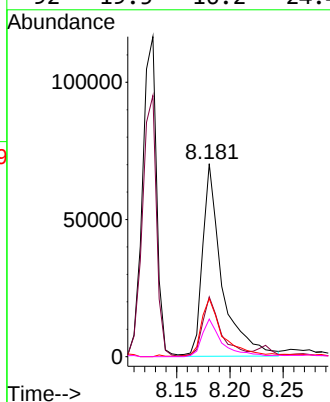
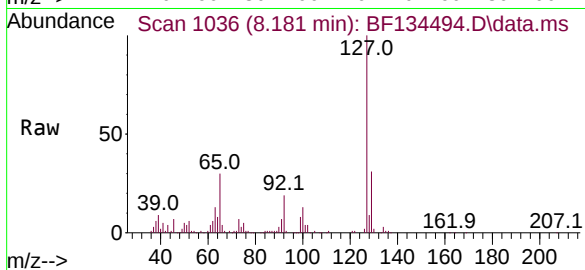
Ion Ratio Lower Upper

127 100

129 31.0 25.6 38.4

65 30.1 25.4 38.0

92 19.5 16.2 24.4



#34

Hexachlorobutadiene

Concen: 36.588 ng

RT: 8.233 min Scan# 1045

Delta R.T. -0.012 min

Lab File: BF134494.D

Acq: 26 Jul 2023 21:50

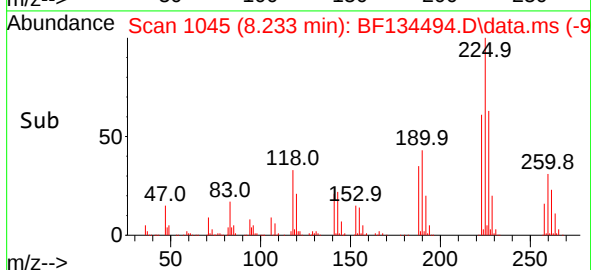
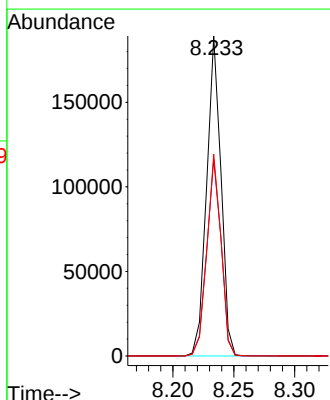
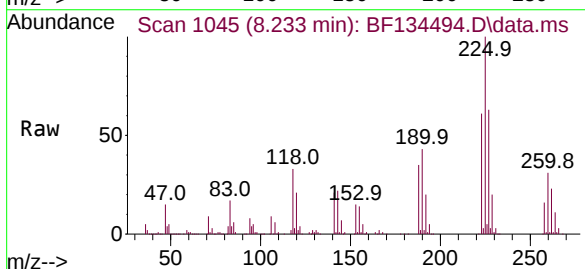
Tgt Ion:225 Resp: 154314

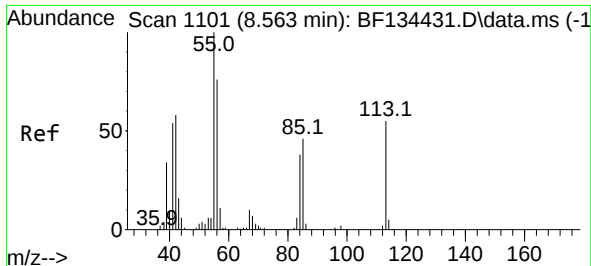
Ion Ratio Lower Upper

225 100

223 61.5 48.2 72.4

227 63.1 48.5 72.7

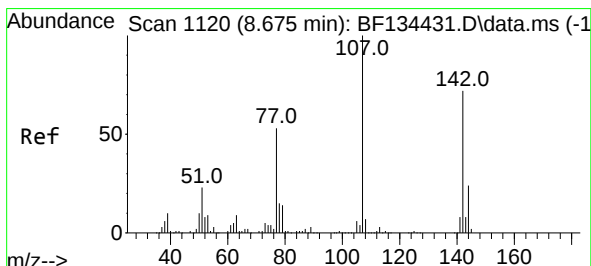
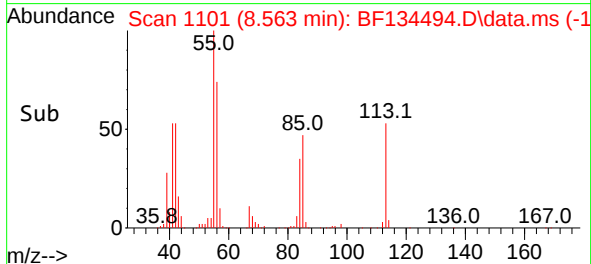
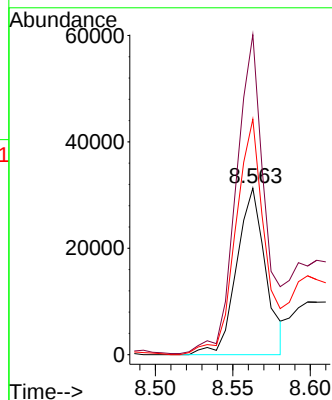
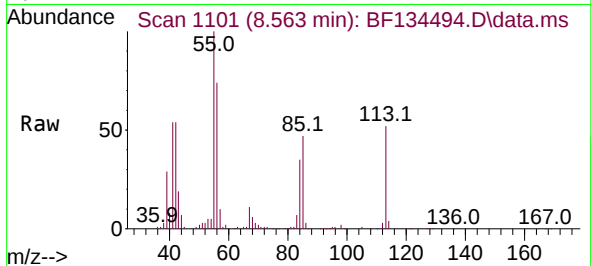




#35
Caprolactam
Concen: 22.727 ng
RT: 8.563 min Scan# 1101
Delta R.T. 0.000 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

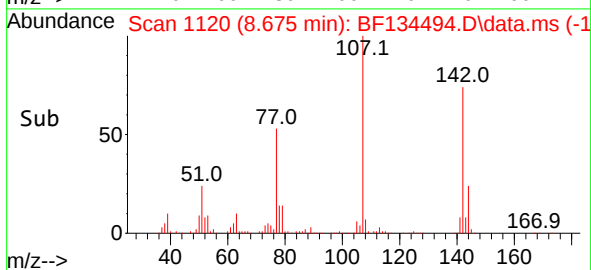
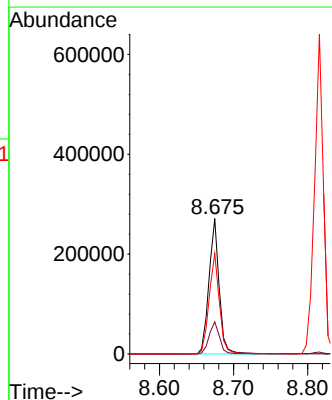
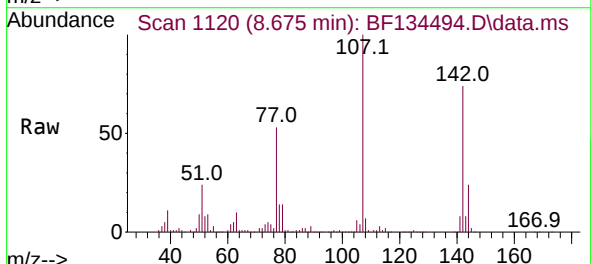
Instrument :
BNA_F
ClientSampleId :

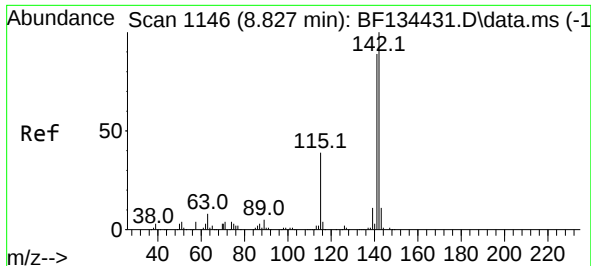
Tgt Ion:113 Resp: 40560
Ion Ratio Lower Upper
113 100
55 192.2 161.5 201.5
56 141.4 117.8 157.8



#36
4-Chloro-3-methylphenol
Concen: 38.963 ng
RT: 8.675 min Scan# 1120
Delta R.T. 0.000 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

Tgt Ion:107 Resp: 262396
Ion Ratio Lower Upper
107 100
144 23.8 19.6 29.4
142 74.2 57.7 86.5





#37

2-Methylnaphthalene

Concen: 37.671 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.011 min

Lab File: BF134494.D

Acq: 26 Jul 2023 21:50

Instrument :

BNA_F

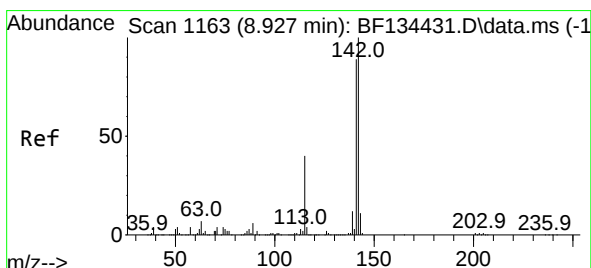
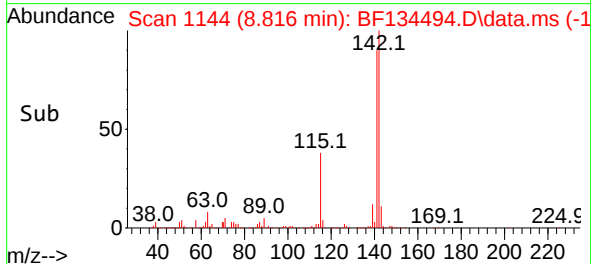
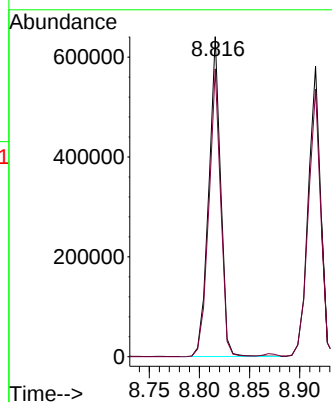
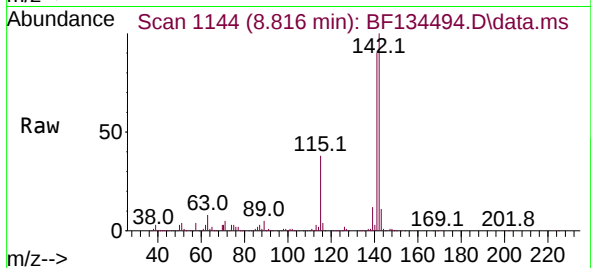
ClientSampleId :

Tgt Ion:142 Resp: 533081

Ion Ratio Lower Upper

142 100

141 89.9 70.8 106.2



#38

1-Methylnaphthalene

Concen: 37.828 ng

RT: 8.916 min Scan# 1161

Delta R.T. -0.011 min

Lab File: BF134494.D

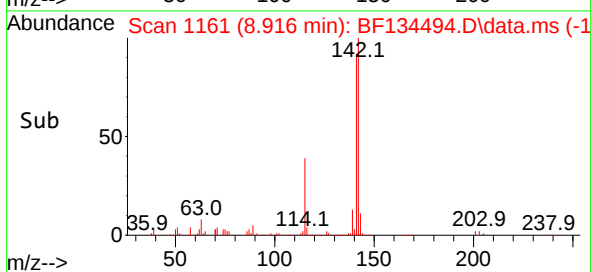
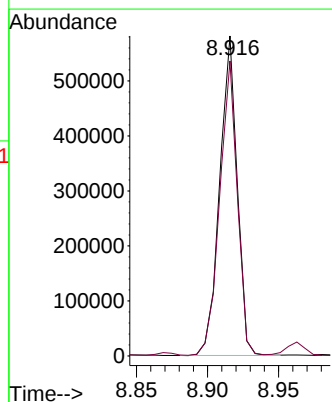
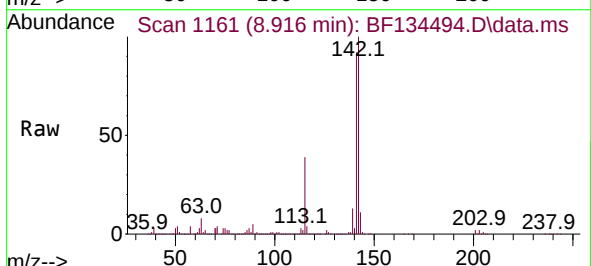
Acq: 26 Jul 2023 21:50

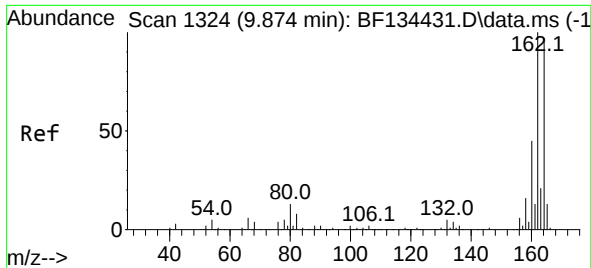
Tgt Ion:142 Resp: 496610

Ion Ratio Lower Upper

142 100

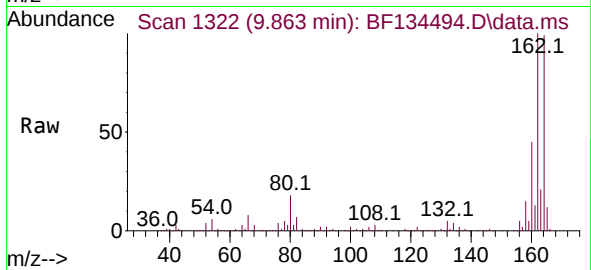
141 92.2 71.4 107.2



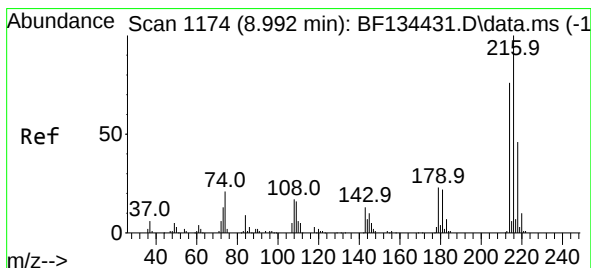
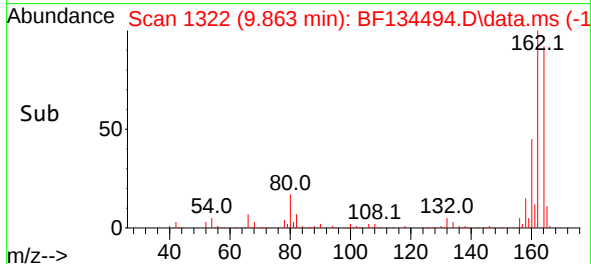
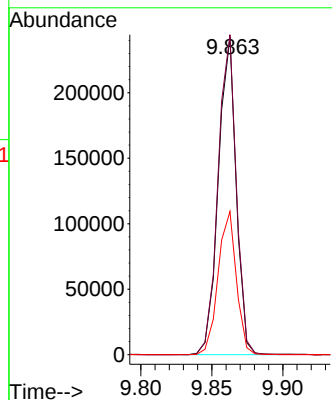


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1172
Delta R.T. -0.012 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

Instrument :
BNA_F
ClientSampleId :

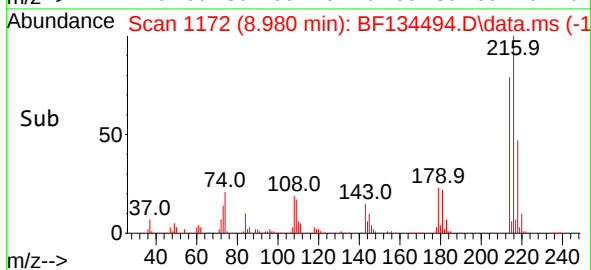
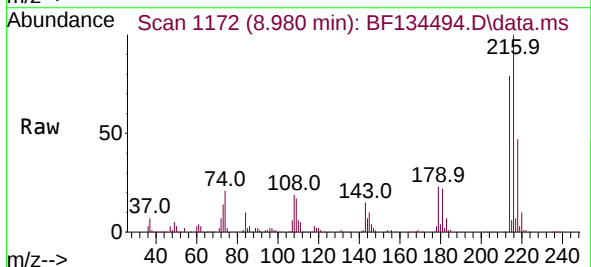
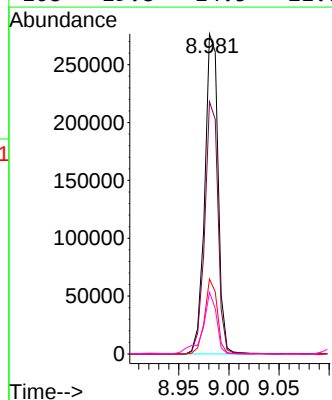


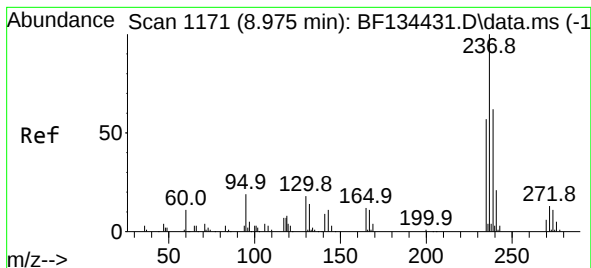
Tgt Ion:164 Resp: 211379
Ion Ratio Lower Upper
164 100
162 100.8 82.6 123.8
160 45.1 37.2 55.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.434 ng
RT: 8.980 min Scan# 1172
Delta R.T. -0.012 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

Tgt Ion:216 Resp: 257455
Ion Ratio Lower Upper
216 100
214 78.4 62.3 93.5
179 22.1 17.4 26.0
108 19.8 14.5 21.7





#41

Hexachlorocyclopentadiene

Concen: 77.655 ng

RT: 8.963 min Scan# 1169

Delta R.T. -0.012 min

Lab File: BF134494.D

Acq: 26 Jul 2023 21:50

Instrument :

BNA_F

ClientSampleId :

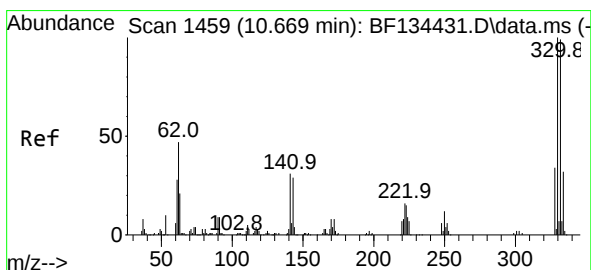
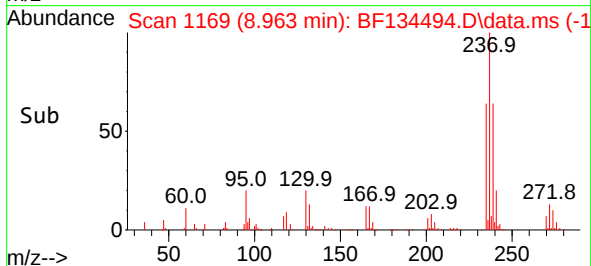
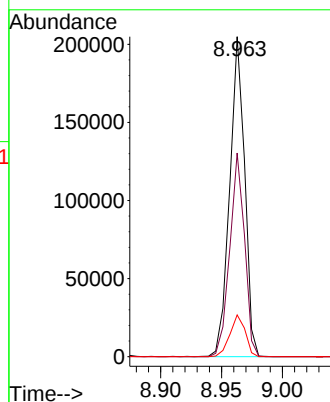
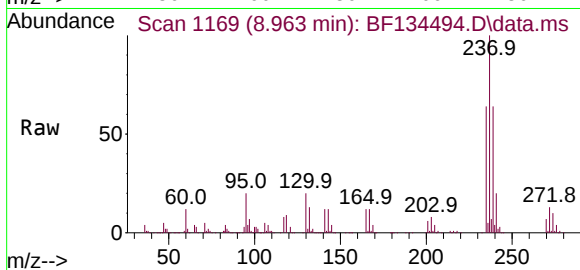
Tgt Ion:237 Resp: 175660

Ion Ratio Lower Upper

237 100

235 63.6 37.0 77.0

272 13.0 0.0 32.7



#42

2,4,6-Tribromophenol

Concen: 112.653 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF134494.D

Acq: 26 Jul 2023 21:50

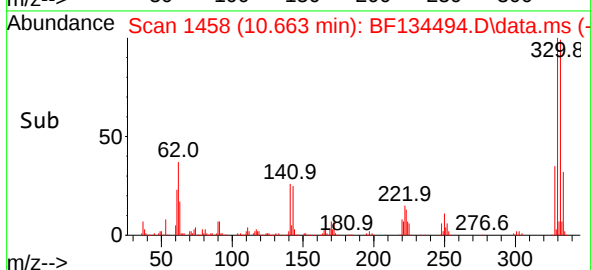
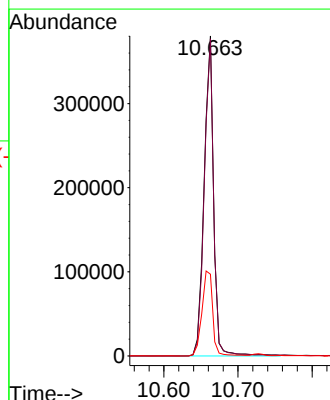
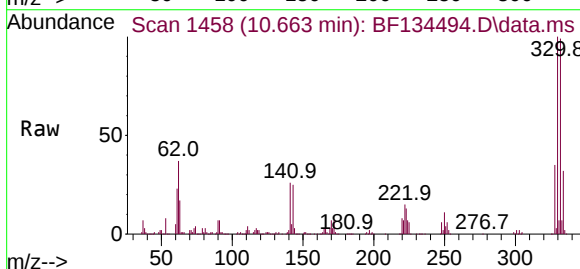
Tgt Ion:330 Resp: 338333

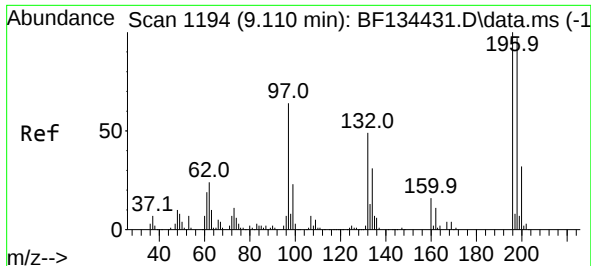
Ion Ratio Lower Upper

330 100

332 98.5 78.8 118.2

141 30.1 25.4 38.2





#43

2,4,6-Trichlorophenol

Concen: 40.938 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF134494.D

Acq: 26 Jul 2023 21:50

Instrument :

BNA_F

ClientSampleId :

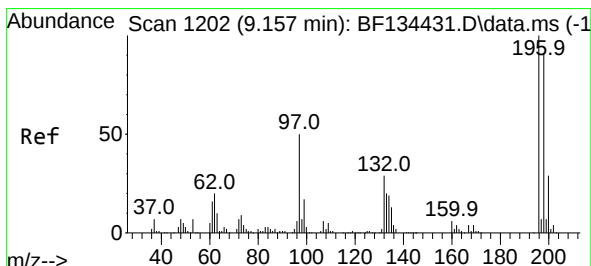
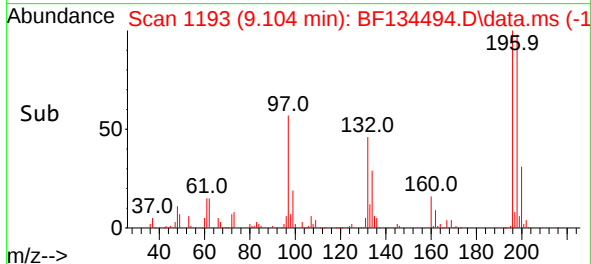
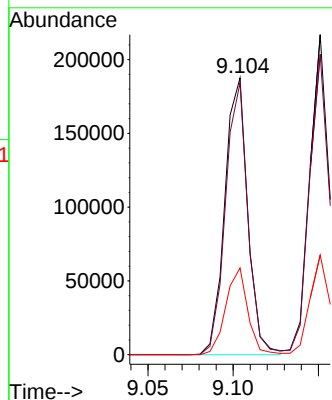
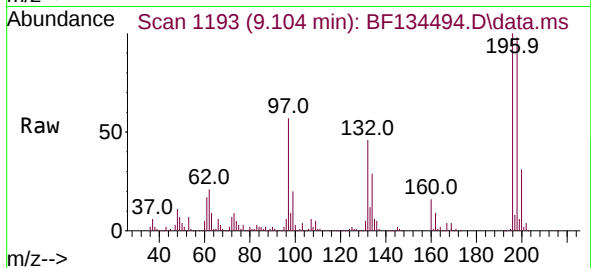
Tgt Ion:196 Resp: 175925

Ion Ratio Lower Upper

196 100

198 98.3 77.4 116.2

200 31.3 25.4 38.2



#44

2,4,5-Trichlorophenol

Concen: 37.332 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF134494.D

Acq: 26 Jul 2023 21:50

Tgt Ion:196 Resp: 186913

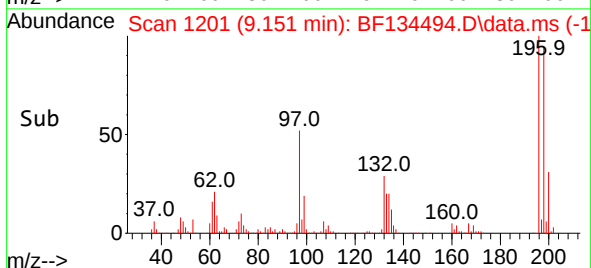
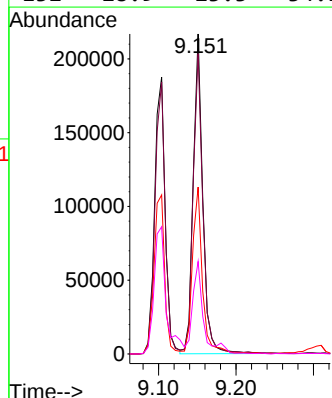
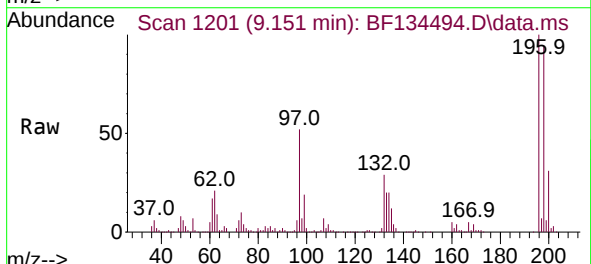
Ion Ratio Lower Upper

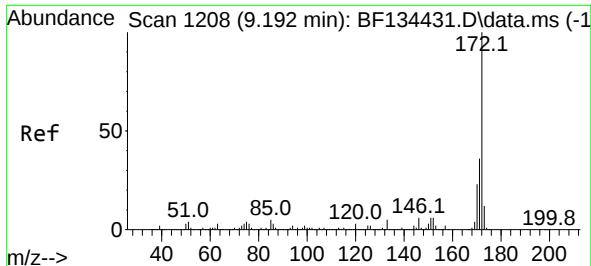
196 100

198 93.9 73.0 109.4

97 52.2 40.8 61.2

132 28.9 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 76.073 ng

RT: 9.180 min Scan# 1206

Delta R.T. -0.012 min

Lab File: BF134494.D

Acq: 26 Jul 2023 21:50

Instrument :

BNA_F

ClientSampleId :

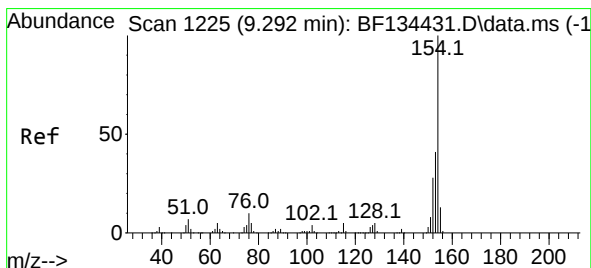
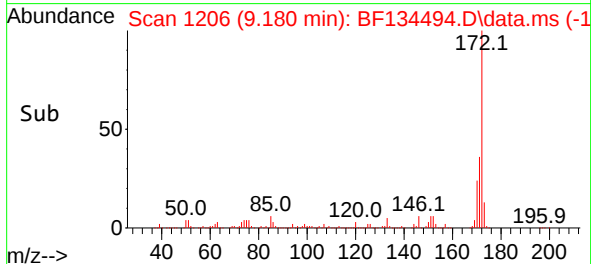
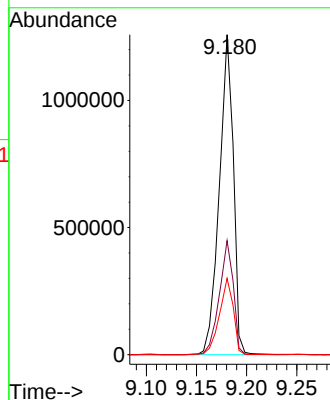
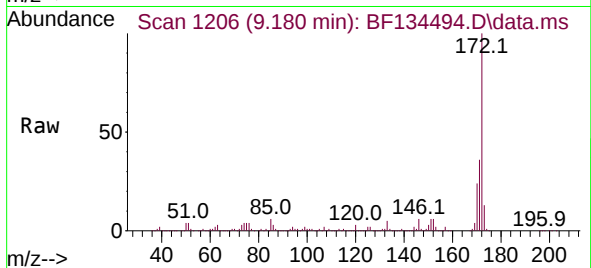
Tgt Ion:172 Resp: 1224886

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.9 18.7 28.1



#46

1,1'-Biphenyl

Concen: 38.989 ng

RT: 9.280 min Scan# 1223

Delta R.T. -0.012 min

Lab File: BF134494.D

Acq: 26 Jul 2023 21:50

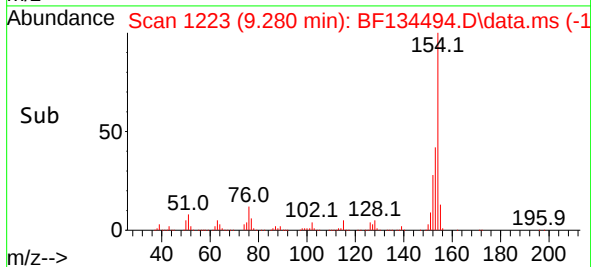
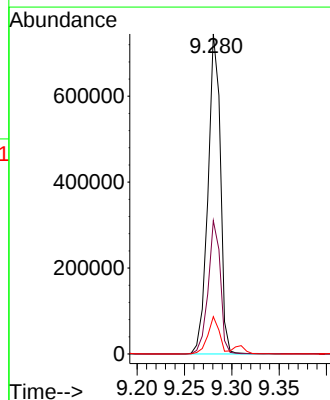
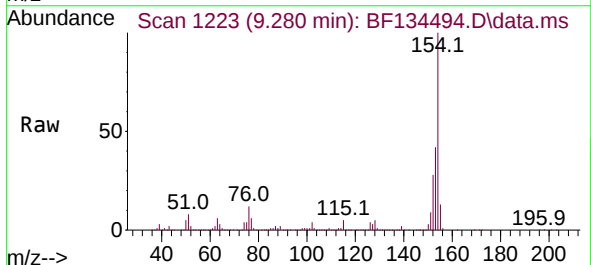
Tgt Ion:154 Resp: 679247

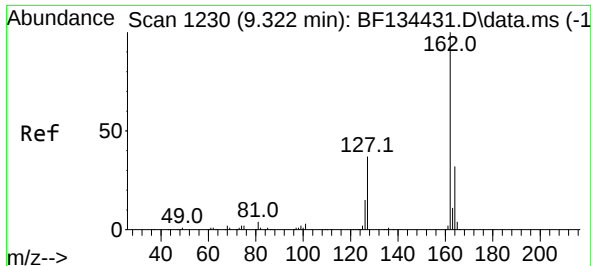
Ion Ratio Lower Upper

154 100

153 41.7 20.8 60.8

76 11.7 0.0 30.2





#47

2-Chloronaphthalene

Concen: 38.888 ng

RT: 9.310 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134494.D

Acq: 26 Jul 2023 21:50

Instrument :

BNA_F

ClientSampleId :

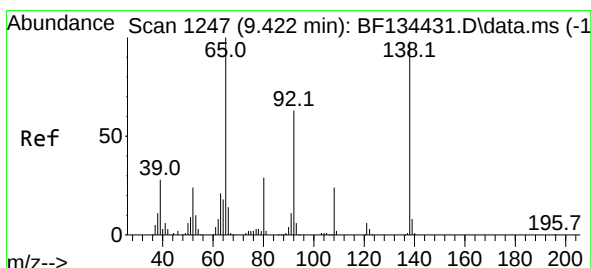
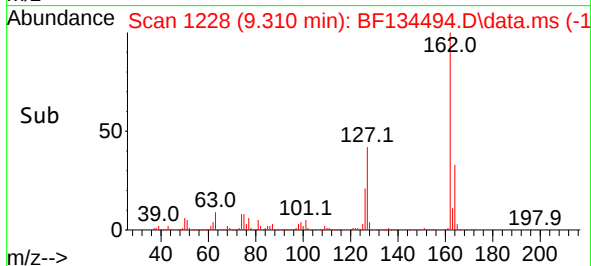
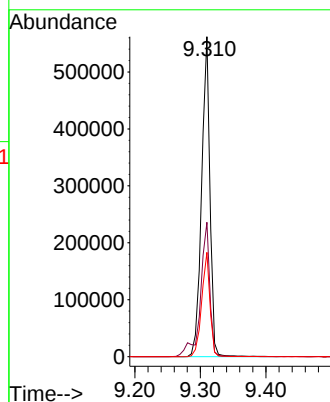
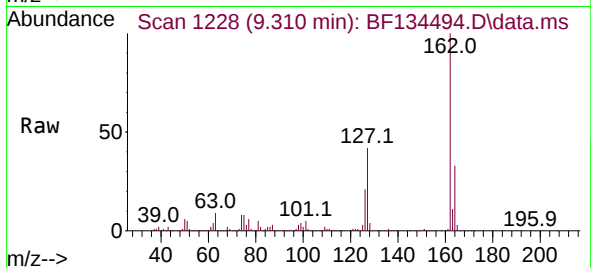
Tgt Ion:162 Resp: 499466

Ion Ratio Lower Upper

162 100

127 42.0 34.0 51.0

164 32.6 25.7 38.5



#48

2-Nitroaniline

Concen: 38.273 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF134494.D

Acq: 26 Jul 2023 21:50

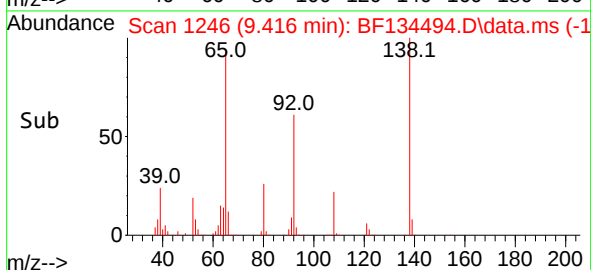
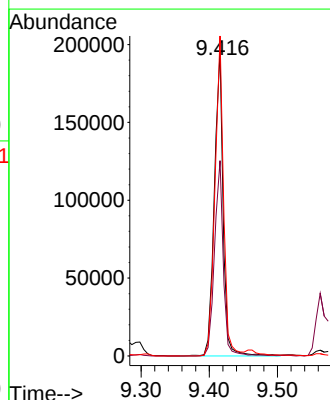
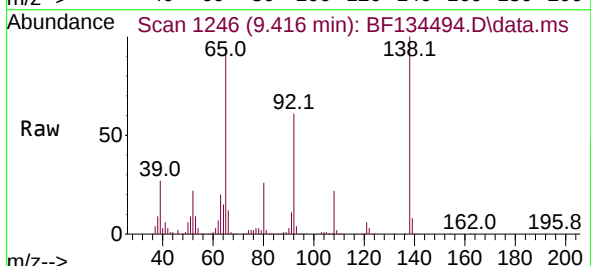
Tgt Ion: 65 Resp: 177032

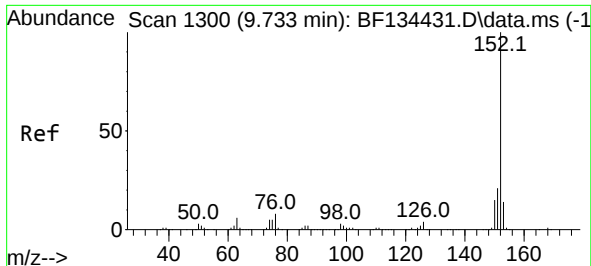
Ion Ratio Lower Upper

65 100

92 64.0 50.7 76.1

138 104.9 78.2 117.4





#49

Acenaphthylene

Concen: 37.974 ng

RT: 9.727 min Scan# 1

Delta R.T. -0.006 min

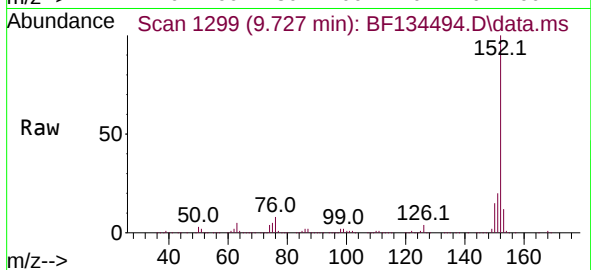
Lab File: BF134494.D

Acq: 26 Jul 2023 21:50

Instrument :

BNA_F

ClientSampleId :



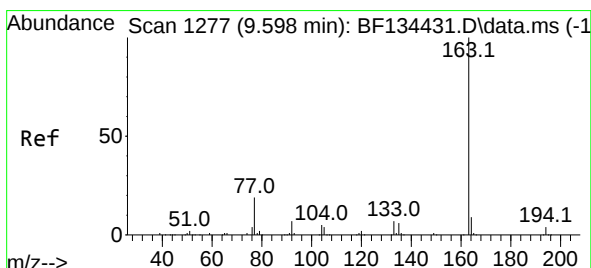
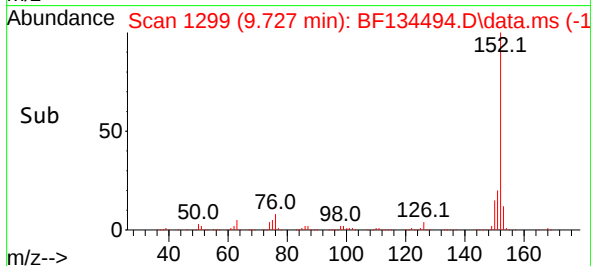
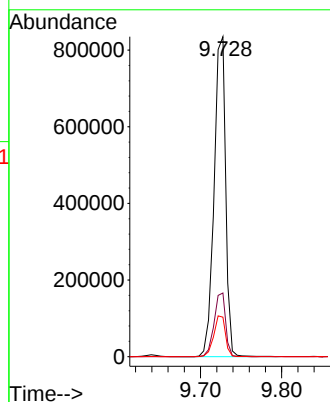
Tgt Ion:152 Resp: 823954

Ion Ratio Lower Upper

152 100

151 19.9 16.4 24.6

153 12.4 10.9 16.3



#50

Dimethylphthalate

Concen: 40.466 ng

RT: 9.586 min Scan# 1275

Delta R.T. -0.012 min

Lab File: BF134494.D

Acq: 26 Jul 2023 21:50

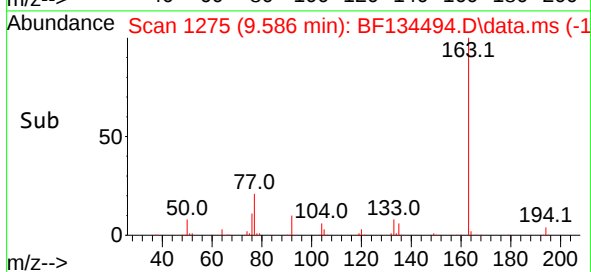
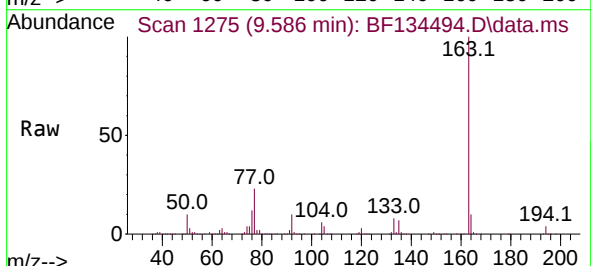
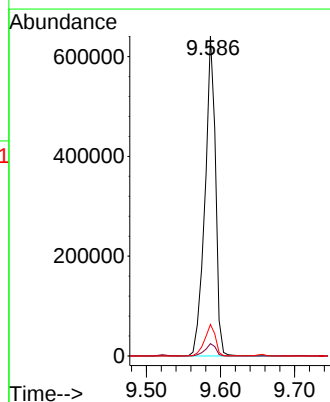
Tgt Ion:163 Resp: 634077

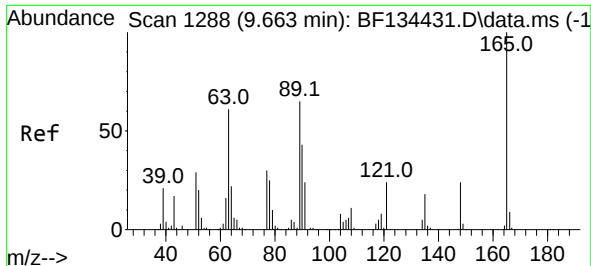
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

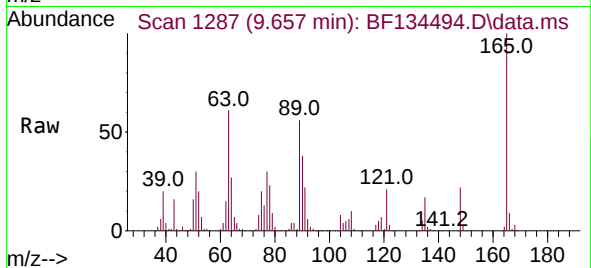
164 9.9 7.5 11.3



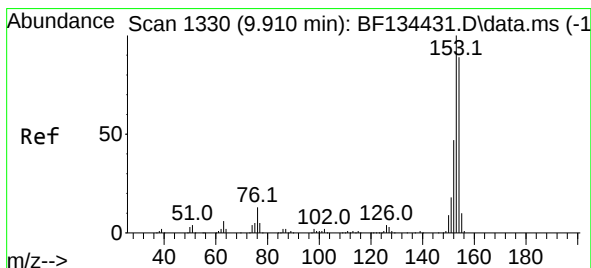
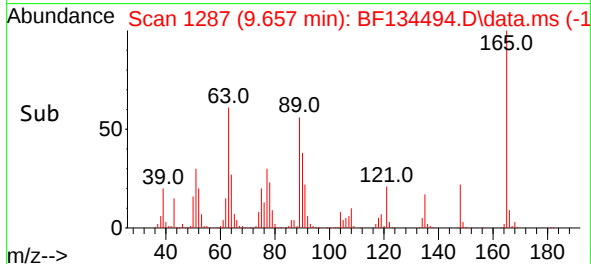
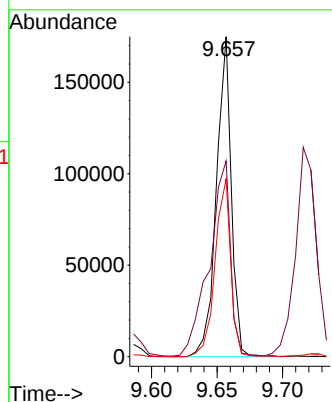


#51
2,6-Dinitrotoluene
Concen: 40.240 ng
RT: 9.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

Instrument :
BNA_F
ClientSampleId :

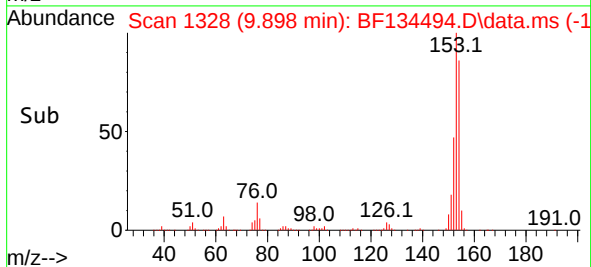
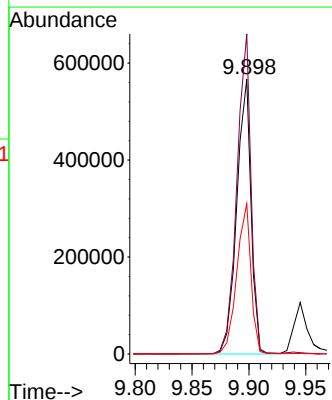
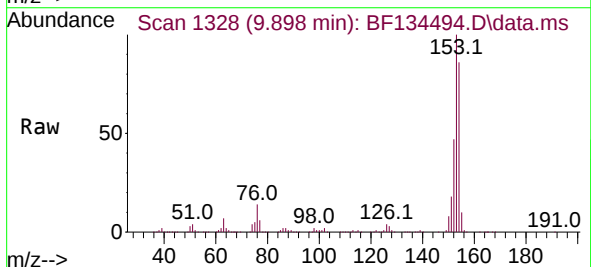


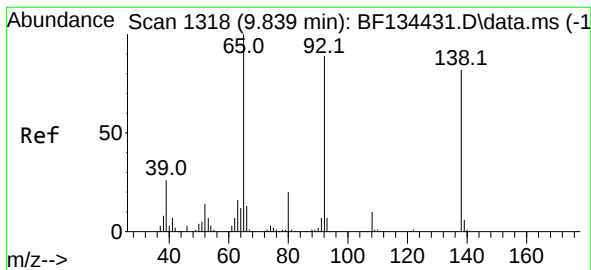
Tgt Ion:165 Resp: 138354
Ion Ratio Lower Upper
165 100
63 61.2 57.8 86.6
89 55.6 51.8 77.8



#52
Acenaphthene
Concen: 38.696 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

Tgt Ion:154 Resp: 496000
Ion Ratio Lower Upper
154 100
153 116.3 90.0 135.0
152 54.6 42.4 63.6





#53

3-Nitroaniline

Concen: 25.471 ng

RT: 9.828 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF134494.D

Acq: 26 Jul 2023 21:50

Instrument :

BNA_F

ClientSampleId :

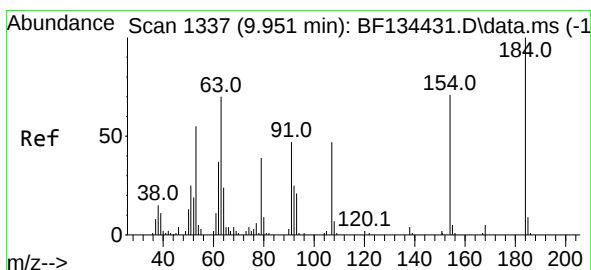
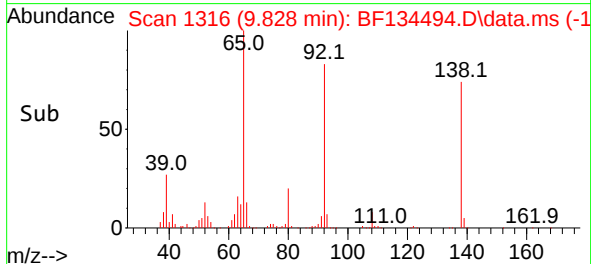
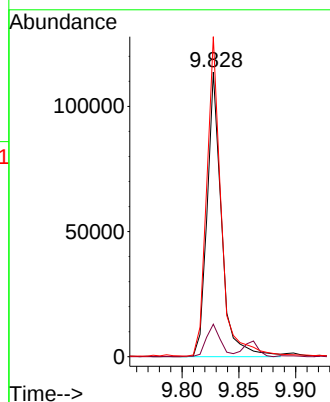
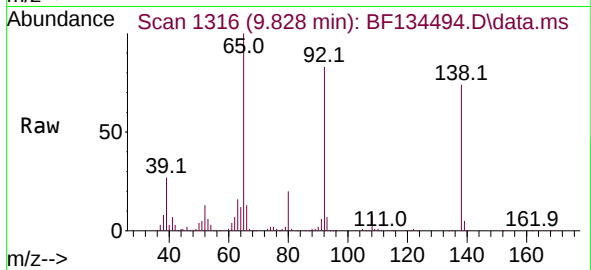
Tgt Ion:138 Resp: 100408

Ion Ratio Lower Upper

138 100

108 11.4 9.3 13.9

92 112.4 86.6 129.8



#54

2,4-Dinitrophenol

Concen: 76.464 ng

RT: 9.945 min Scan# 1336

Delta R.T. -0.006 min

Lab File: BF134494.D

Acq: 26 Jul 2023 21:50

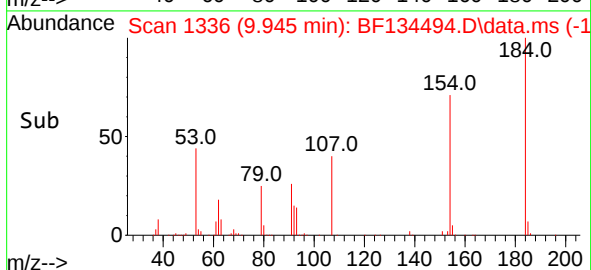
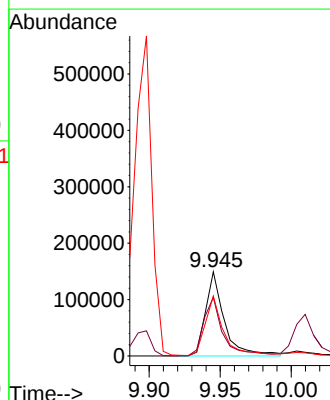
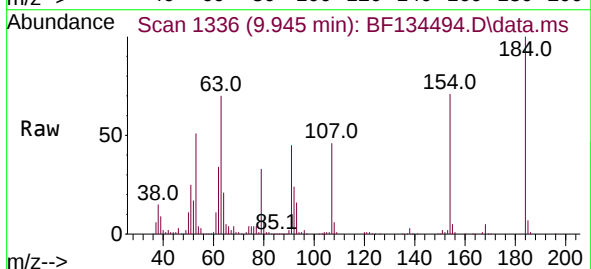
Tgt Ion:184 Resp: 137358

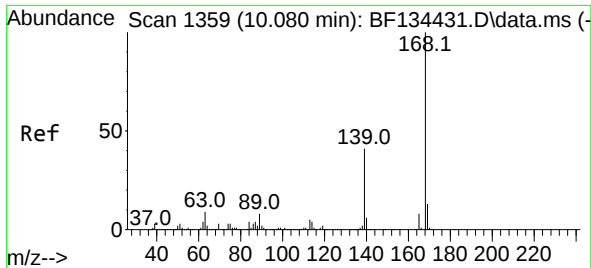
Ion Ratio Lower Upper

184 100

63 69.5 57.1 85.7

154 71.2 59.1 88.7

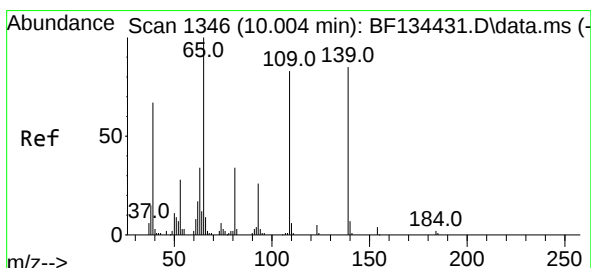
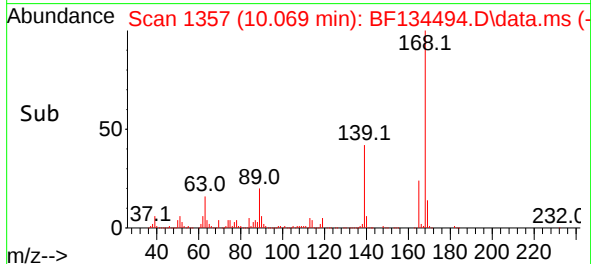
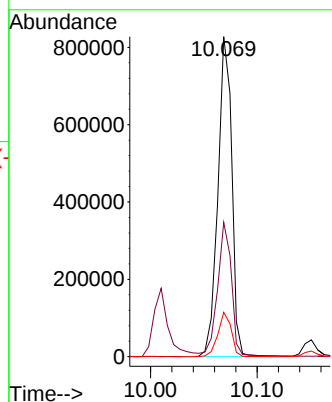
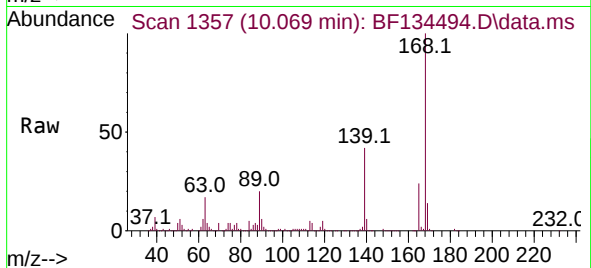




#55
Dibenzenofuran
Concen: 38.016 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.011 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

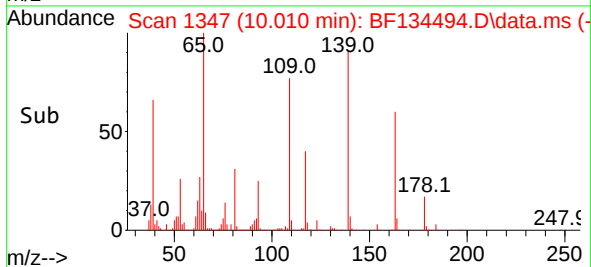
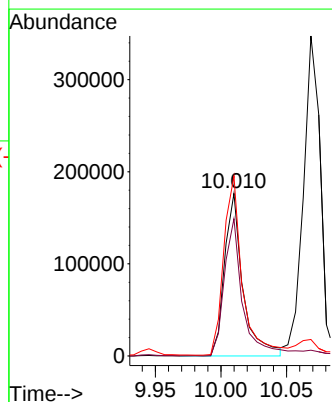
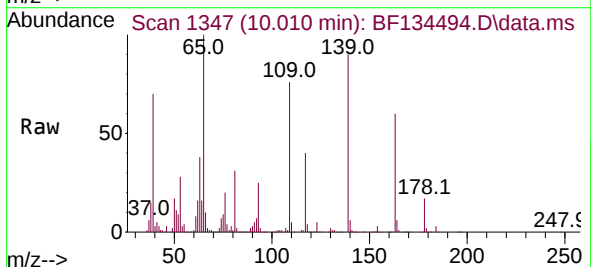
Instrument :
BNA_F
ClientSampleId :

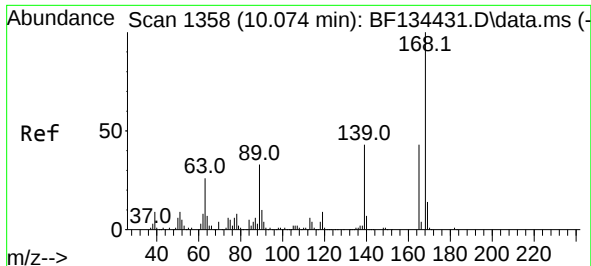
Tgt Ion:168 Resp: 749980
Ion Ratio Lower Upper
168 100
139 42.0 33.4 50.2
169 13.8 10.6 15.8



#56
4-Nitrophenol
Concen: 82.066 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

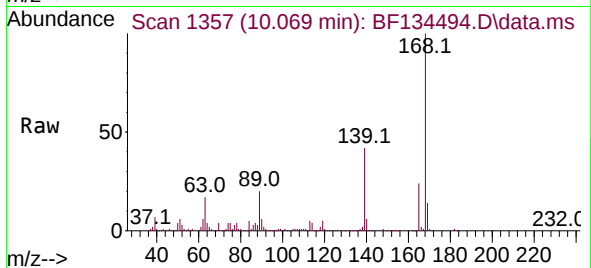
Tgt Ion:139 Resp: 172519
Ion Ratio Lower Upper
139 100
109 84.5 76.9 116.9
65 110.6 98.5 138.5



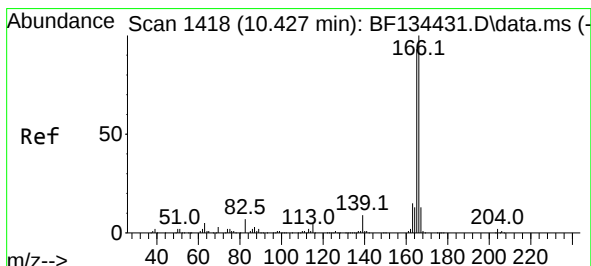
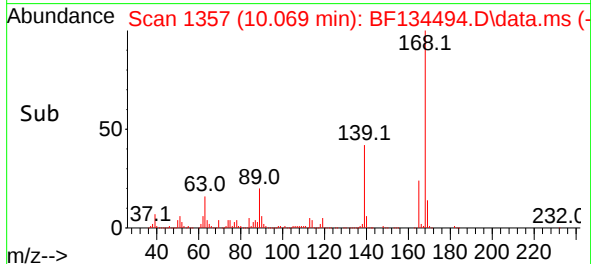
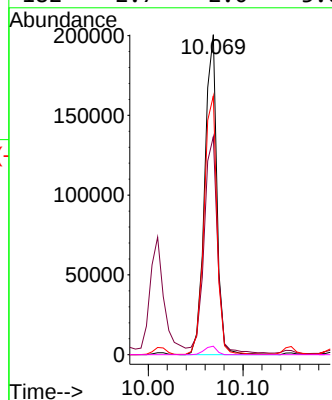


#57
2,4-Dinitrotoluene
Concen: 38.937 ng
RT: 10.069 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

Instrument :
BNA_F
ClientSampleId :

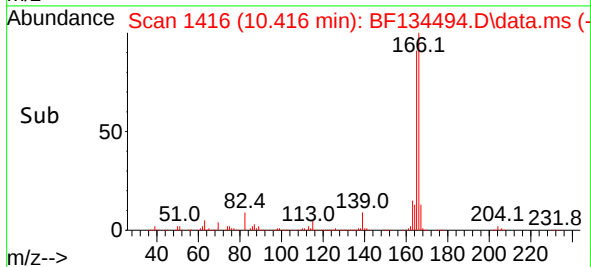
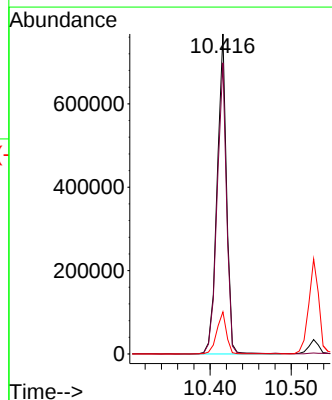
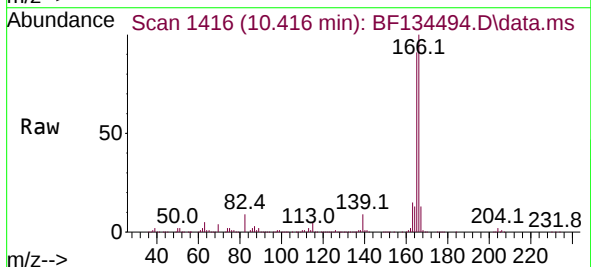


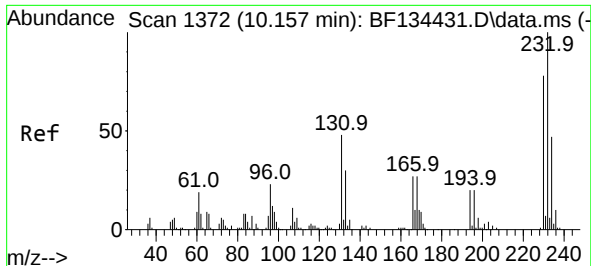
Tgt Ion:165 Resp: 179816
Ion Ratio Lower Upper
165 100
63 68.1 48.9 73.3
89 80.9 61.7 92.5
182 2.7 2.0 3.0



#58
Fluorene
Concen: 38.782 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.011 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

Tgt Ion:166 Resp: 617222
Ion Ratio Lower Upper
166 100
165 91.0 74.5 111.7
167 13.1 10.6 16.0

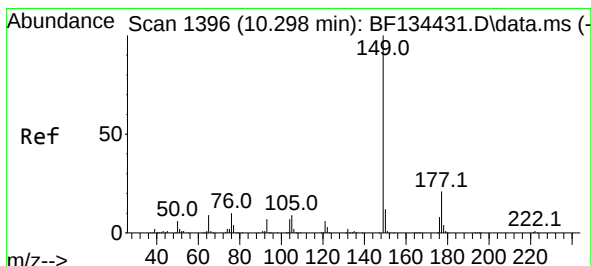
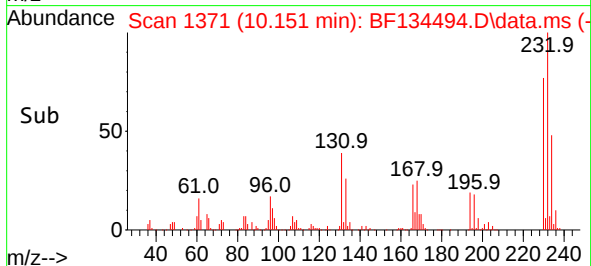
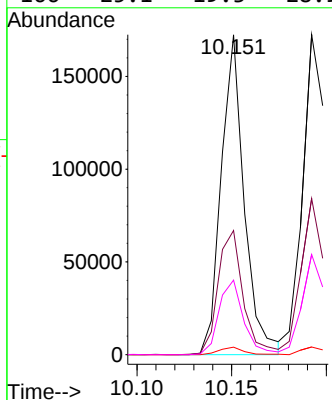
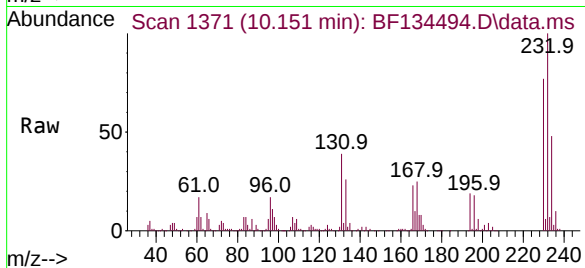




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.925 ng
RT: 10.151 min Scan# 1372
Delta R.T. -0.053 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

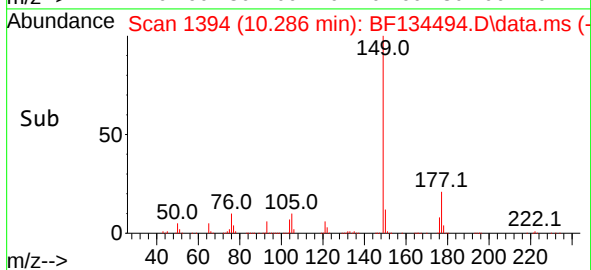
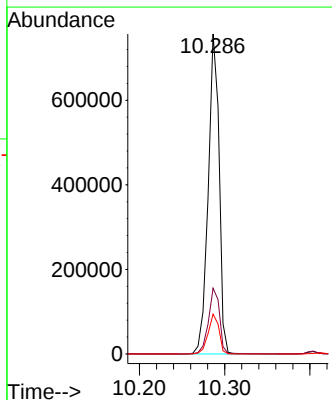
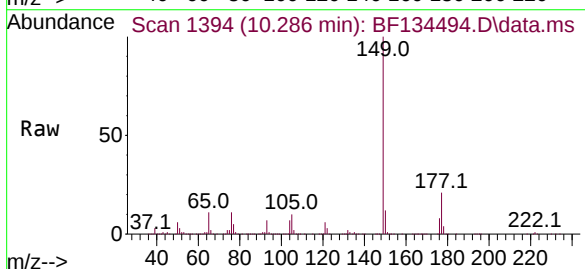
Instrument :
BNA_F
ClientSampleId :

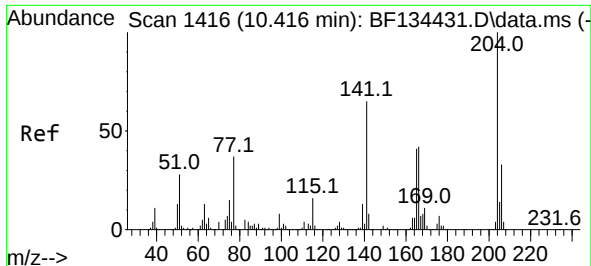
Tgt Ion:232 Resp: 145884
Ion Ratio Lower Upper
232 100
131 42.5 33.4 50.0
130 2.5 1.8 2.6
166 25.1 19.3 28.9



#60
Diethylphthalate
Concen: 41.517 ng
RT: 10.286 min Scan# 1394
Delta R.T. -0.012 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

Tgt Ion:149 Resp: 673541
Ion Ratio Lower Upper
149 100
177 20.5 17.0 25.4
150 12.4 9.9 14.9

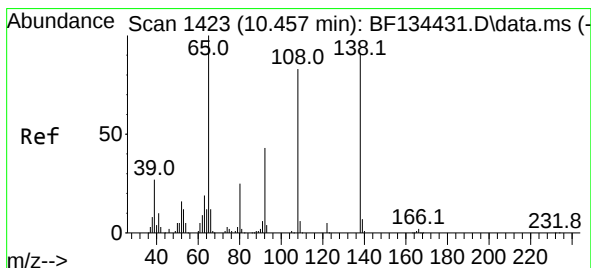
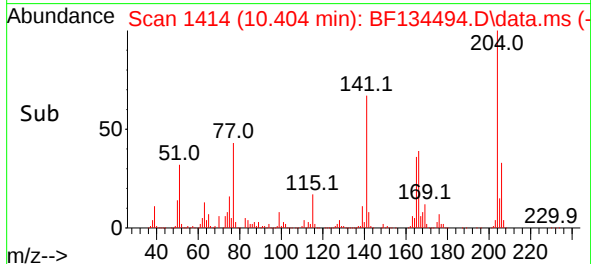
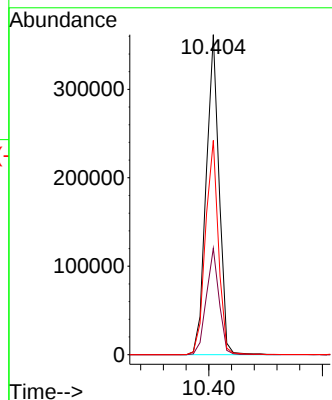
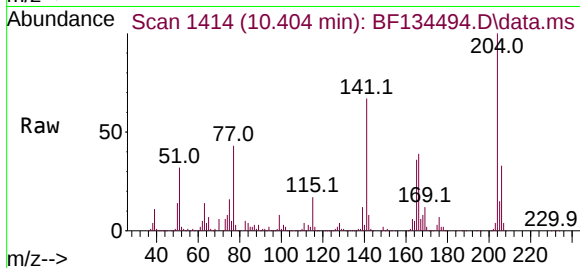




#61
4-Chlorophenyl-phenylether
Concen: 37.473 ng
RT: 10.404 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

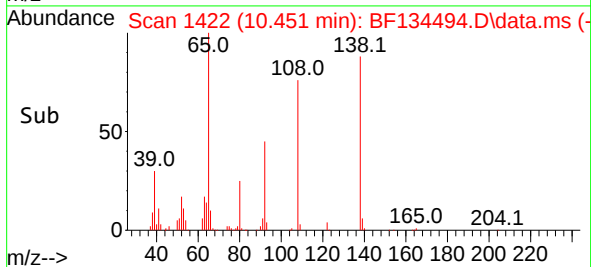
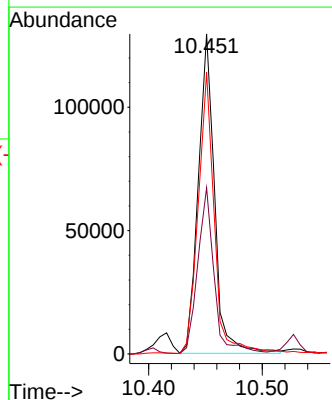
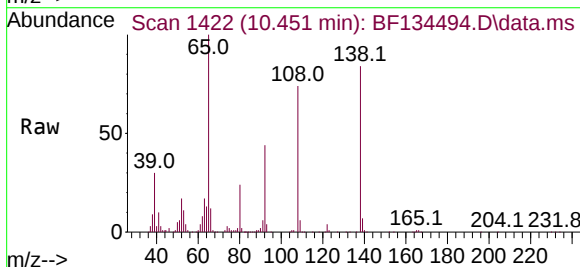
Instrument :
BNA_F
ClientSampleId :

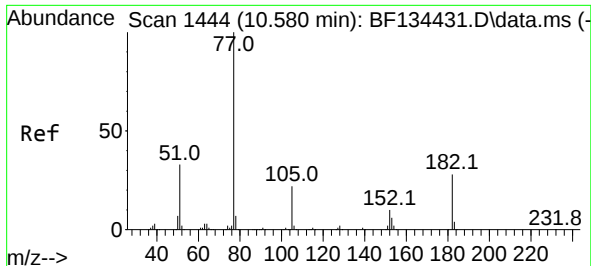
Tgt Ion:204 Resp: 284894
Ion Ratio Lower Upper
204 100
206 33.3 26.0 39.0
141 66.9 52.2 78.4



#62
4-Nitroaniline
Concen: 31.908 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

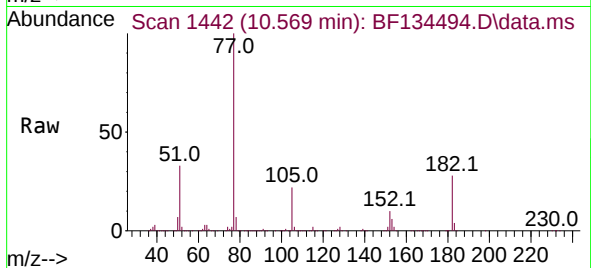
Tgt Ion:138 Resp: 129049
Ion Ratio Lower Upper
138 100
92 51.9 27.0 67.0
108 88.0 70.4 110.4



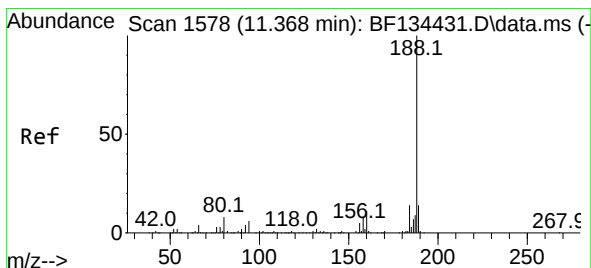
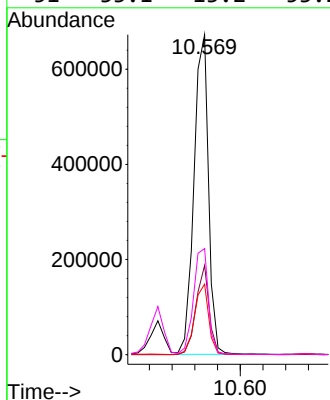
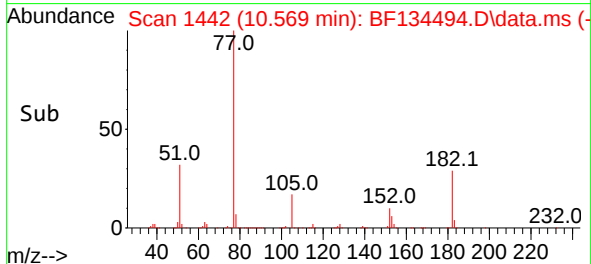


#63
Azobenzene
Concen: 40.076 ng
RT: 10.569 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

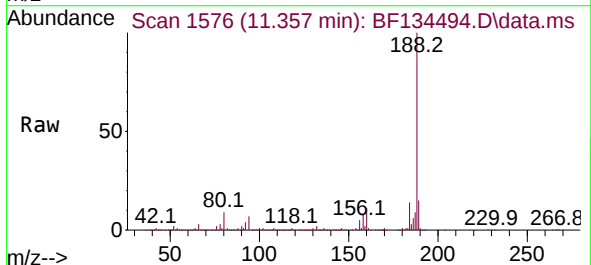
Instrument :
BNA_F
ClientSampleId :



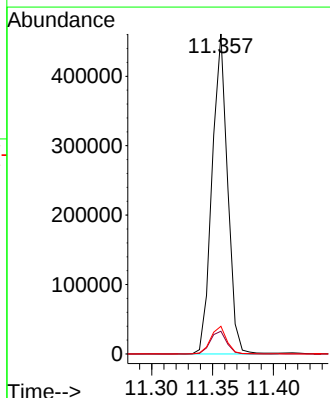
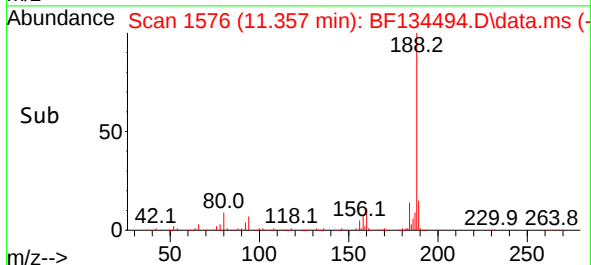
Tgt Ion: 77 Resp: 598450
Ion Ratio Lower Upper
77 100
182 27.9 7.5 47.5
105 22.0 1.9 41.9
51 33.1 13.2 53.2

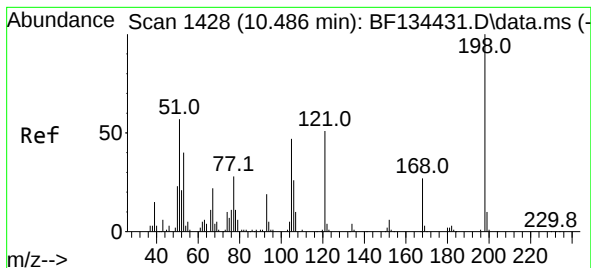


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50



Tgt Ion: 188 Resp: 409729
Ion Ratio Lower Upper
188 100
94 7.1 5.1 7.7
80 8.6 6.6 9.8

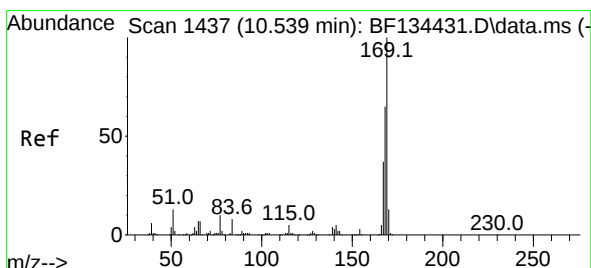
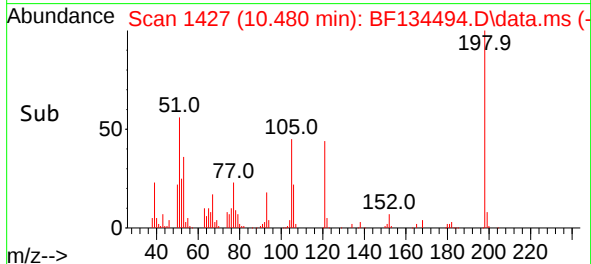
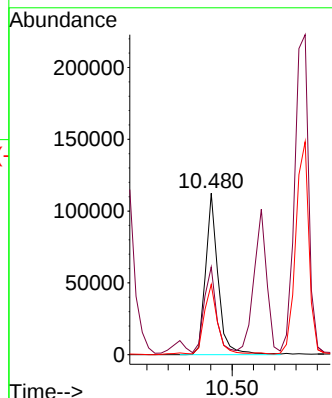
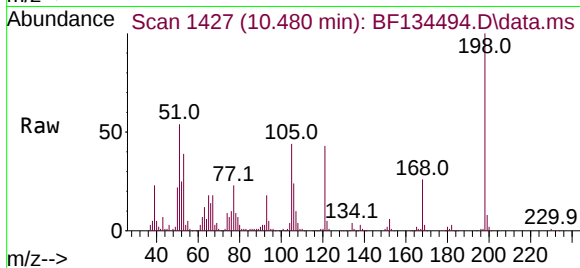




#65
4,6-Dinitro-2-methylphenol
Concen: 39.183 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

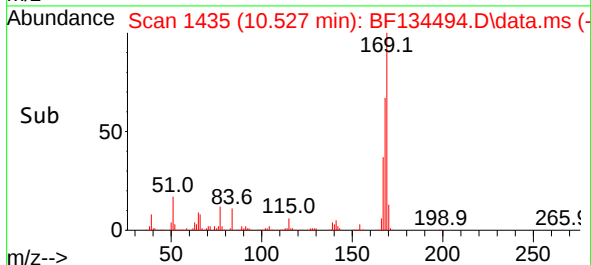
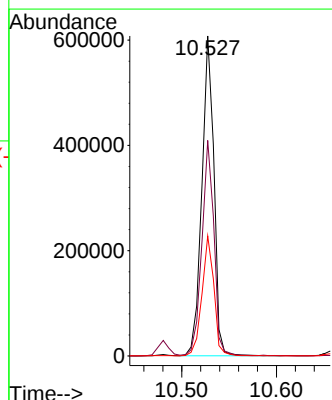
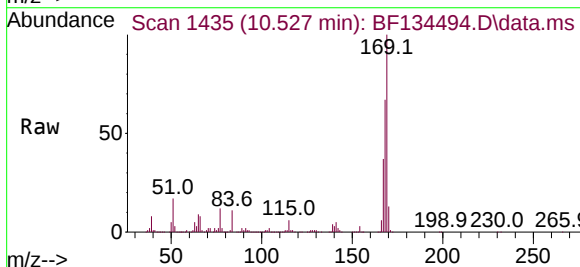
Instrument :
BNA_F
ClientSampleId :

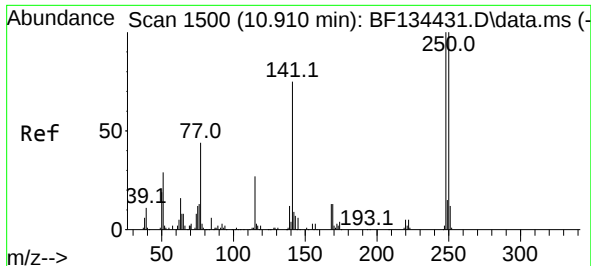
Tgt Ion:198 Resp: 92091
Ion Ratio Lower Upper
198 100
51 54.3 38.6 78.6
105 43.5 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 41.153 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

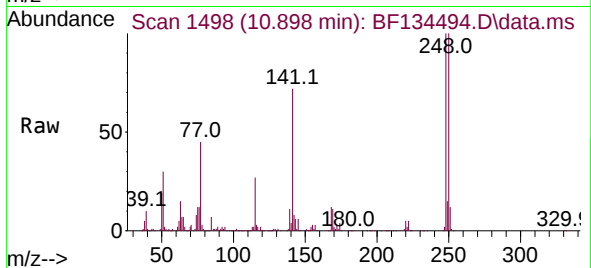
Tgt Ion:169 Resp: 536454
Ion Ratio Lower Upper
169 100
168 67.3 52.6 78.8
167 37.5 29.8 44.8



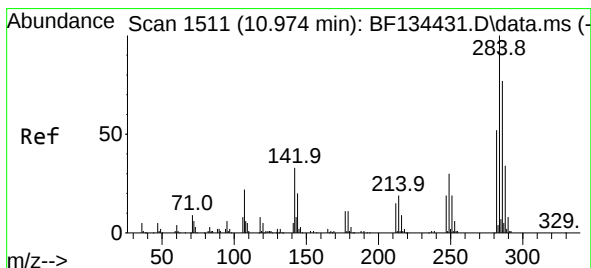
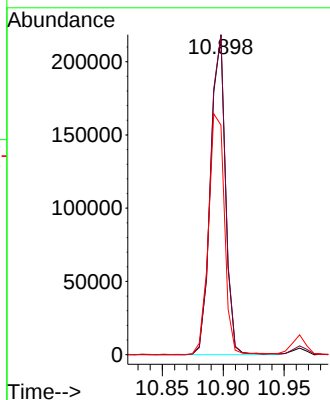
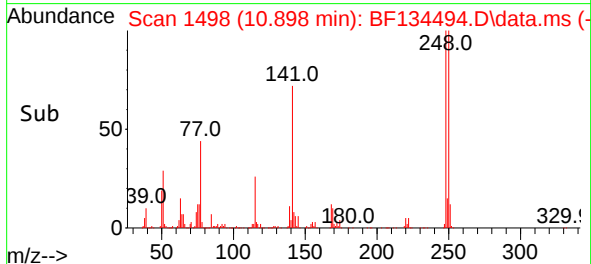


#67
4-Bromophenyl-phenylether
Concen: 41.183 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.012 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

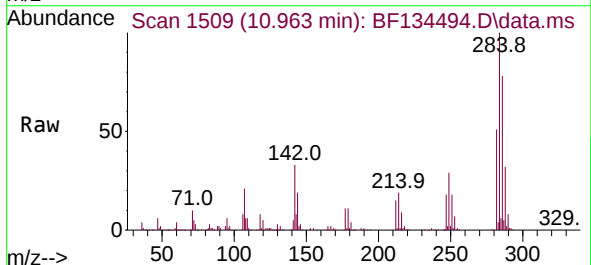
Instrument :
BNA_F
ClientSampleId :



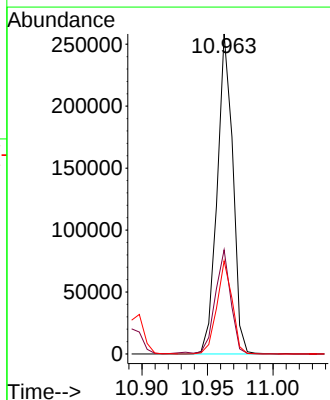
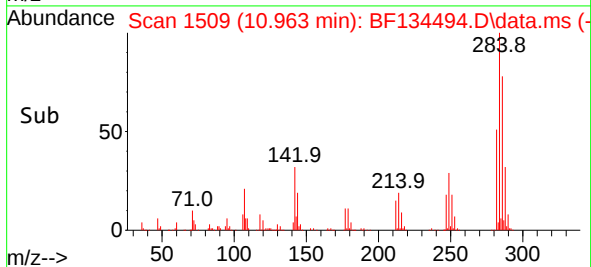
Tgt Ion:248 Resp: 184877
Ion Ratio Lower Upper
248 100
250 99.8 79.6 119.4
141 71.8 59.6 89.4

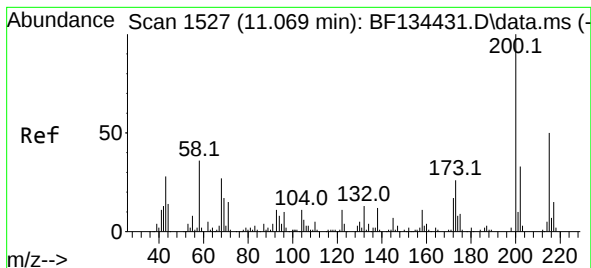


#68
Hexachlorobenzene
Concen: 42.292 ng
RT: 10.963 min Scan# 1509
Delta R.T. -0.012 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50



Tgt Ion:284 Resp: 213796
Ion Ratio Lower Upper
284 100
142 32.6 26.5 39.7
249 29.1 23.8 35.8





#69

Atrazine

Concen: 48.742 ng

RT: 11.063 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134494.D

Acq: 26 Jul 2023 21:50

Instrument :

BNA_F

ClientSampleId :

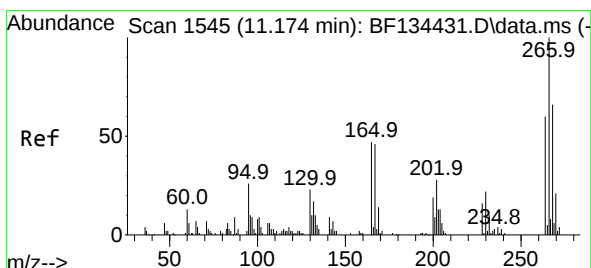
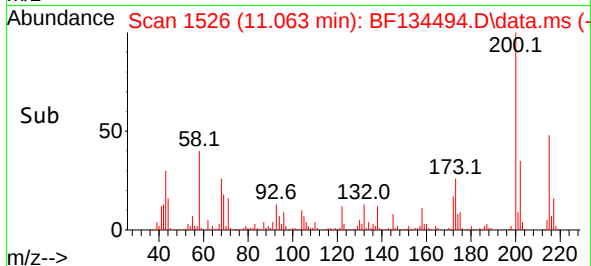
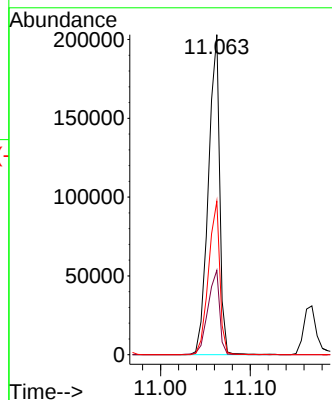
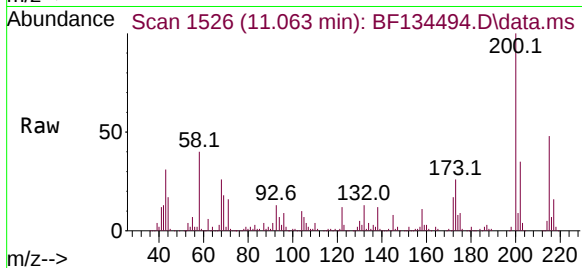
Tgt Ion:200 Resp: 177149

Ion Ratio Lower Upper

200 100

173 26.4 6.1 46.1

215 48.0 29.7 69.7



#70

Pentachlorophenol

Concen: 85.776 ng

RT: 11.169 min Scan# 1544

Delta R.T. -0.005 min

Lab File: BF134494.D

Acq: 26 Jul 2023 21:50

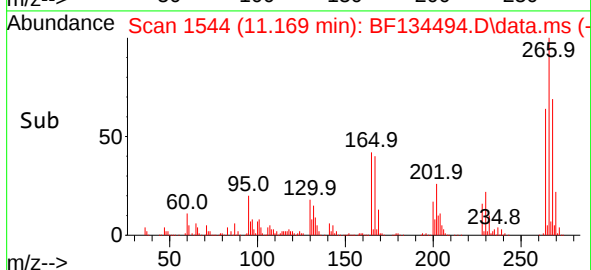
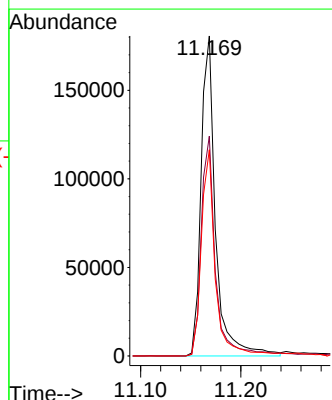
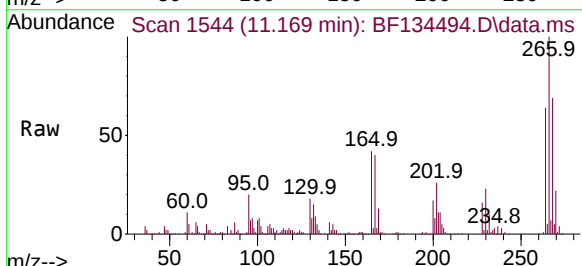
Tgt Ion:266 Resp: 181972

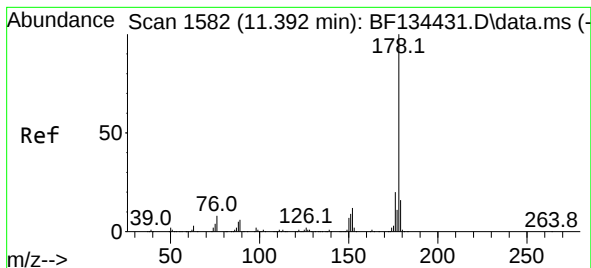
Ion Ratio Lower Upper

266 100

268 68.7 52.9 79.3

264 64.5 47.8 71.6





#71

Phenanthrene

Concen: 39.841 ng

RT: 11.380 min Scan# 1580

Delta R.T. -0.012 min

Lab File: BF134494.D

Acq: 26 Jul 2023 21:50

Instrument :

BNA_F

ClientSampleId :

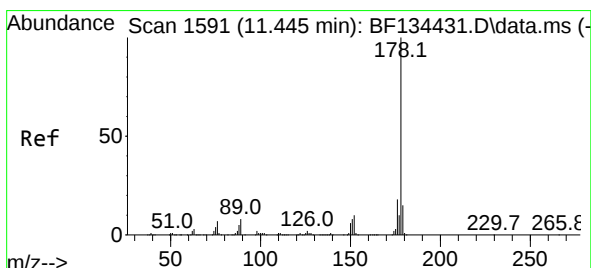
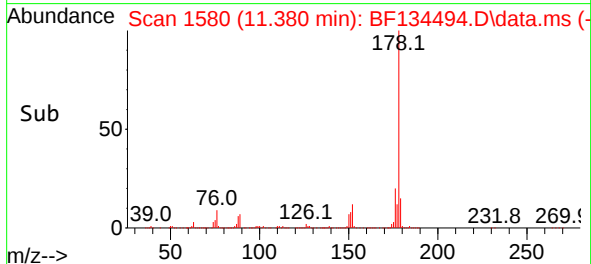
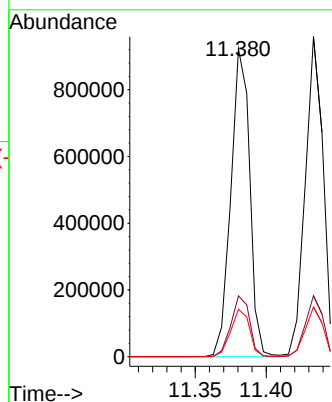
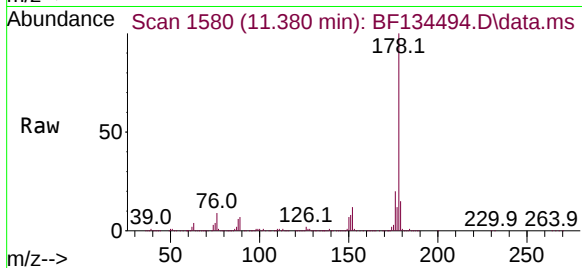
Tgt Ion:178 Resp: 852904

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.6

179 15.4 12.7 19.1



#72

Anthracene

Concen: 38.219 ng

RT: 11.433 min Scan# 1589

Delta R.T. -0.012 min

Lab File: BF134494.D

Acq: 26 Jul 2023 21:50

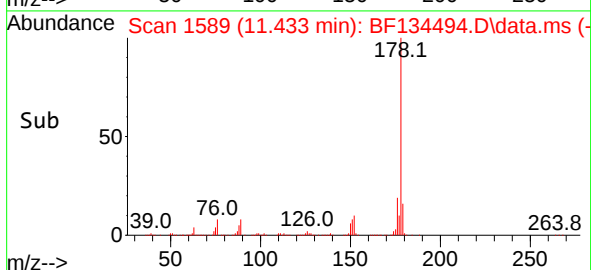
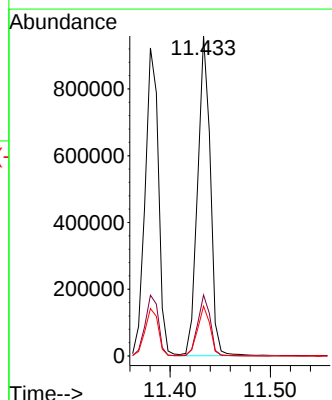
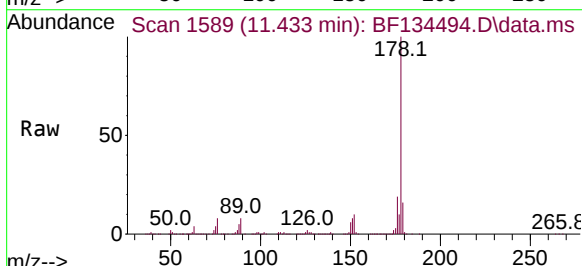
Tgt Ion:178 Resp: 844457

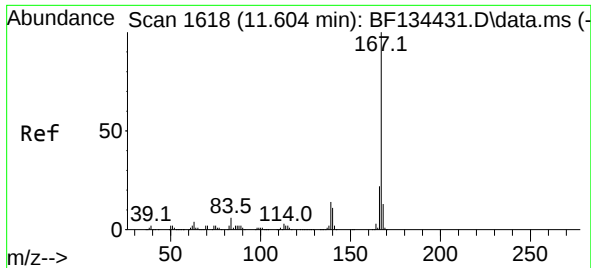
Ion Ratio Lower Upper

178 100

176 19.0 14.6 21.8

179 15.6 12.3 18.5

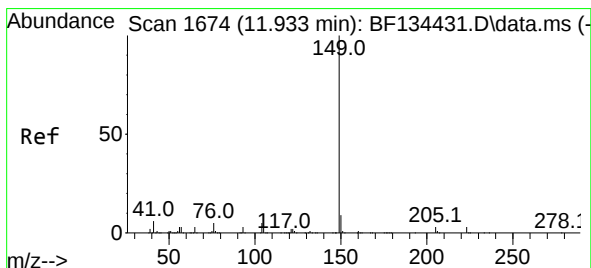
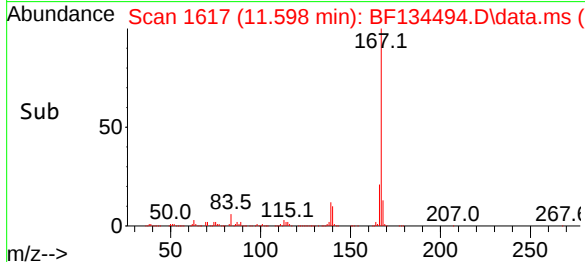
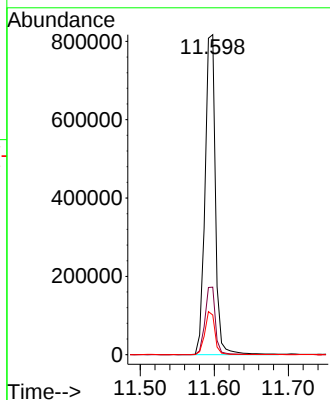
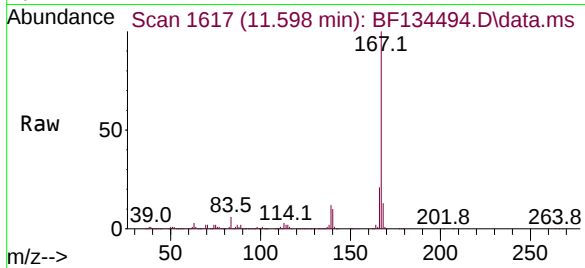




#73
Carbazole
Concen: 38.299 ng
RT: 11.598 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

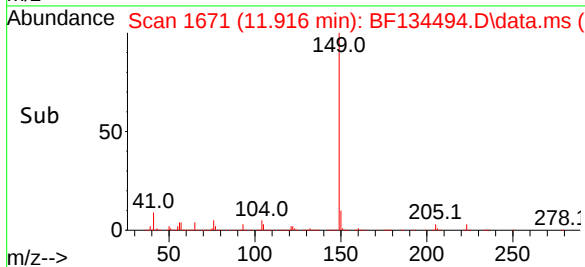
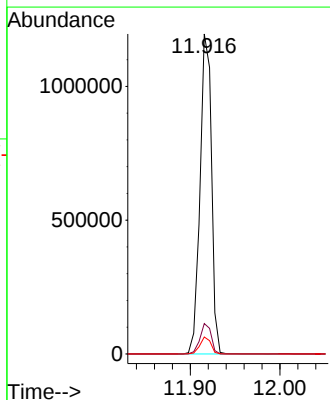
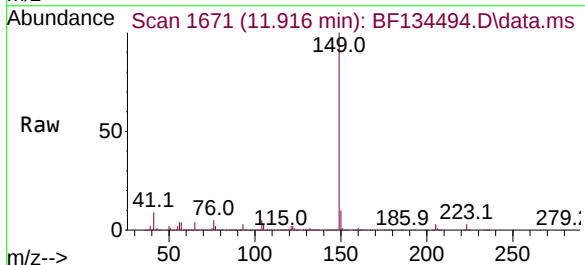
Instrument :
BNA_F
ClientSampleId :

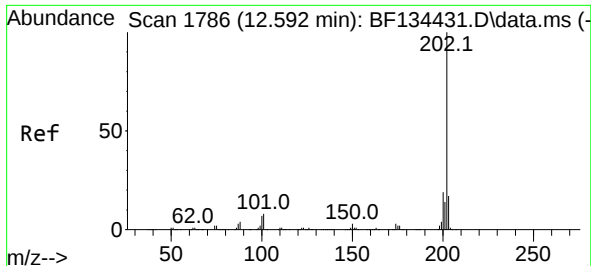
Tgt Ion:167 Resp: 796862
Ion Ratio Lower Upper
167 100
166 21.1 17.5 26.3
139 12.4 11.0 16.4



#74
Di-n-butylphthalate
Concen: 44.372 ng
RT: 11.916 min Scan# 1671
Delta R.T. -0.018 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

Tgt Ion:149 Resp: 1059784
Ion Ratio Lower Upper
149 100
150 9.5 7.2 10.8
104 5.3 3.8 5.8

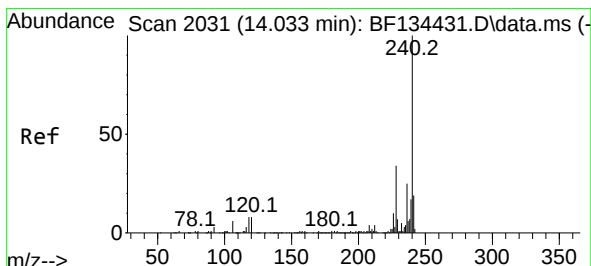
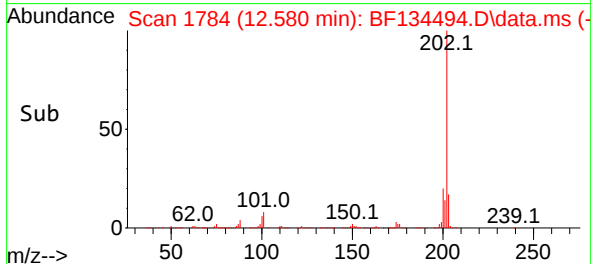
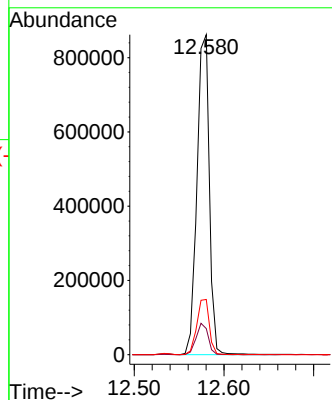
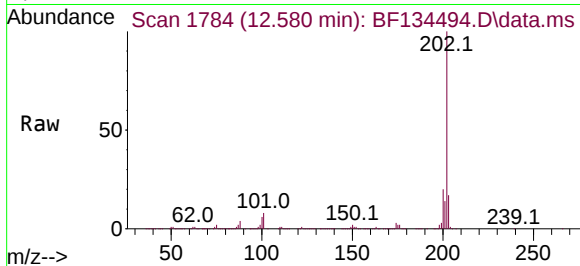




#75
Fluoranthene
Concen: 32.999 ng
RT: 12.580 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

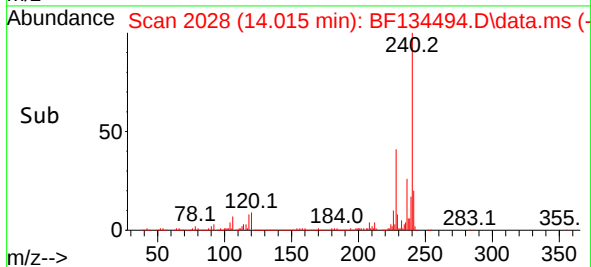
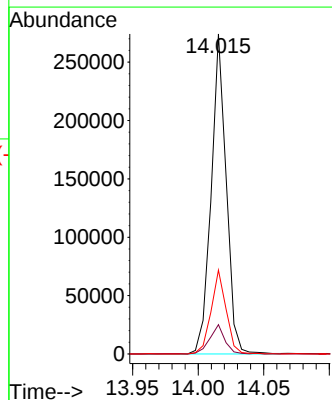
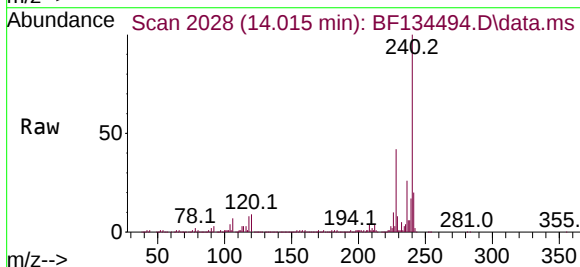
Instrument :
BNA_F
ClientSampleId :

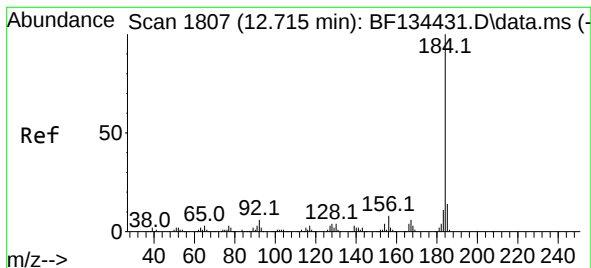
Tgt Ion:202 Resp: 823305
Ion Ratio Lower Upper
202 100
101 8.2 0.0 28.5
203 17.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.018 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

Tgt Ion:240 Resp: 219468
Ion Ratio Lower Upper
240 100
120 9.2 6.6 10.0
236 26.2 20.2 30.2





#77

Benzidine

Concen: 5.549 ng

RT: 12.704 min Scan# 1805

Delta R.T. -0.011 min

Lab File: BF134494.D

Acq: 26 Jul 2023 21:50

Instrument :

BNA_F

ClientSampleId :

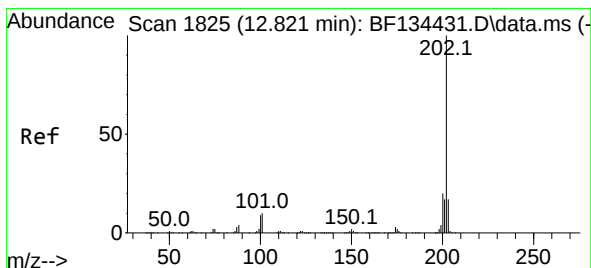
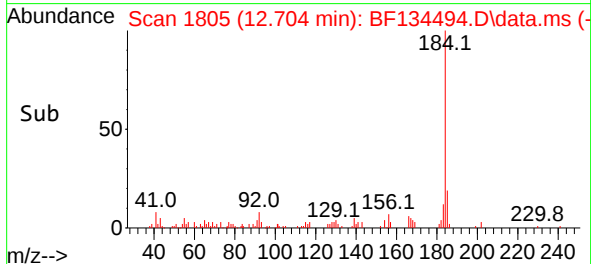
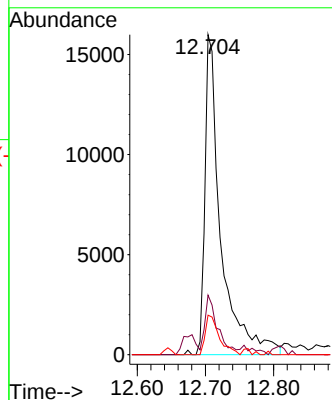
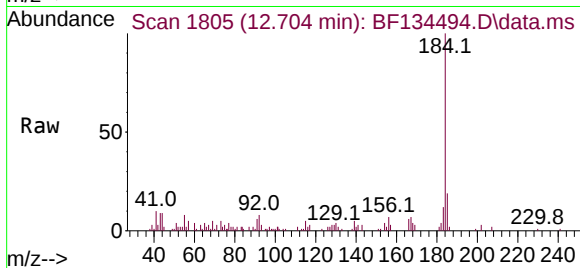
Tgt Ion:184 Resp: 26005

Ion Ratio Lower Upper

184 100

185 18.6 11.2 16.8#

183 12.3 8.6 13.0



#78

Pyrene

Concen: 38.247 ng

RT: 12.810 min Scan# 1823

Delta R.T. -0.012 min

Lab File: BF134494.D

Acq: 26 Jul 2023 21:50

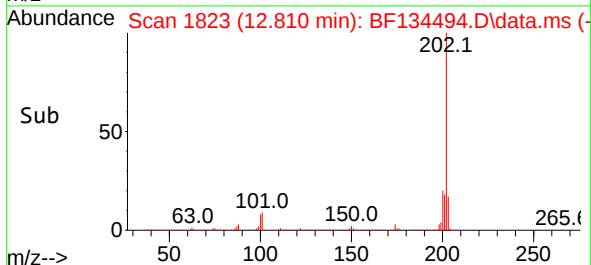
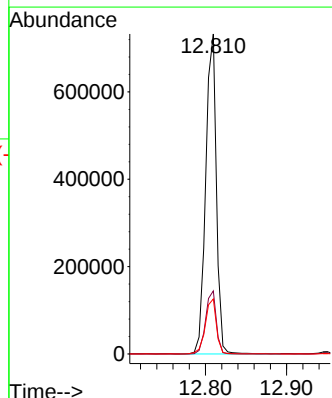
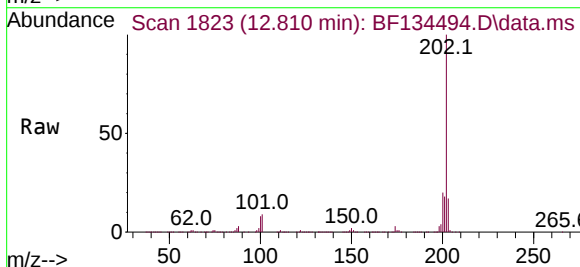
Tgt Ion:202 Resp: 667422

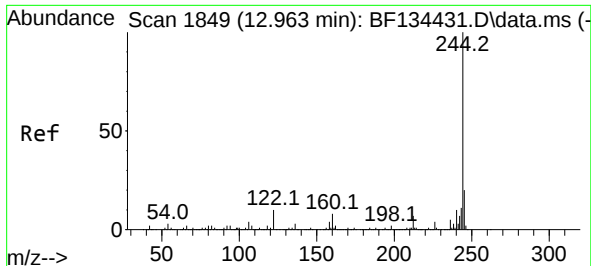
Ion Ratio Lower Upper

202 100

200 19.7 15.8 23.8

203 17.2 13.5 20.3

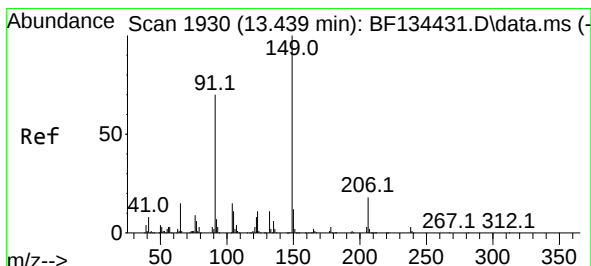
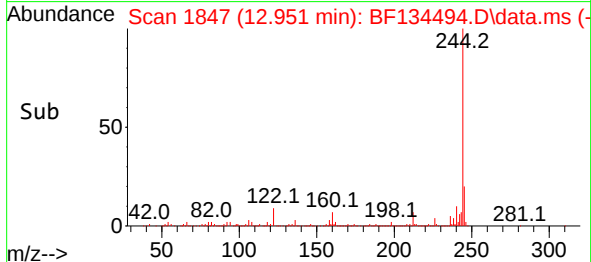
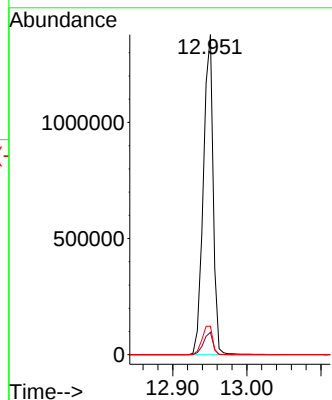
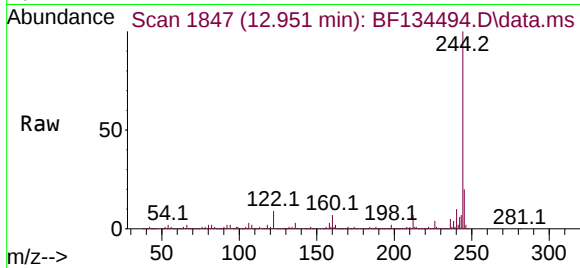




#79
 Terphenyl-d14
 Concen: 101.185 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.012 min
 Lab File: BF134494.D
 Acq: 26 Jul 2023 21:50

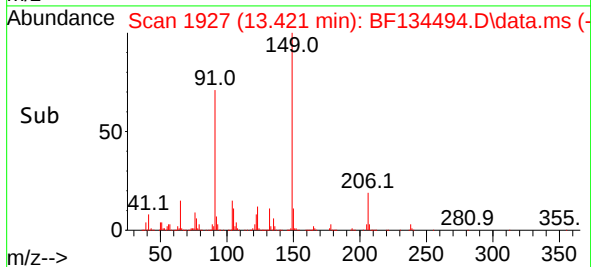
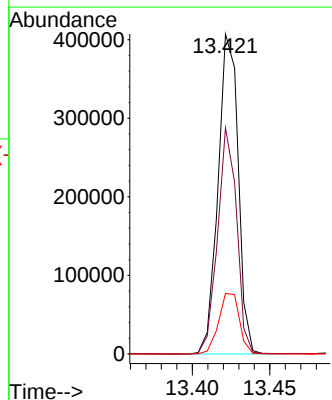
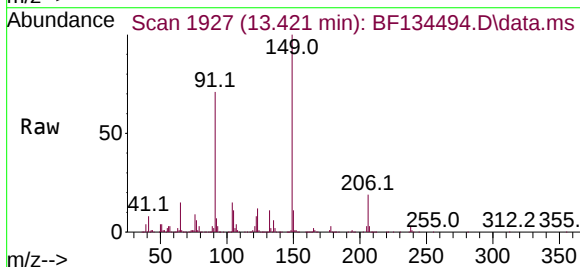
Instrument :
 BNA_F
 ClientSampleId :

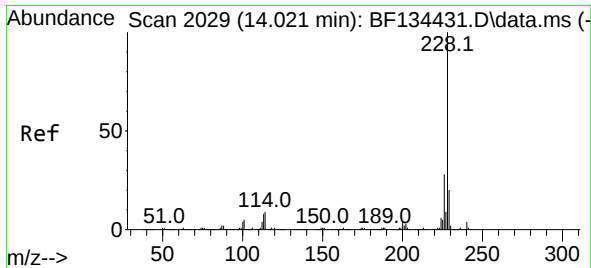
Tgt Ion:244 Resp: 1272117
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 8.9 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 52.690 ng
 RT: 13.421 min Scan# 1927
 Delta R.T. -0.018 min
 Lab File: BF134494.D
 Acq: 26 Jul 2023 21:50

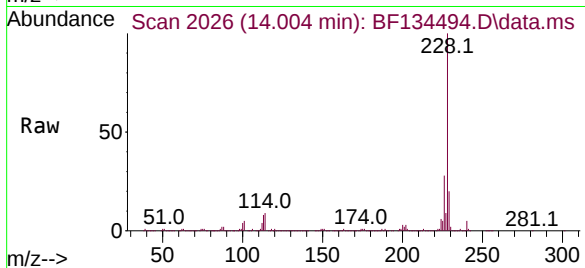
Tgt Ion:149 Resp: 368310
 Ion Ratio Lower Upper
 149 100
 91 70.7 55.8 83.6
 206 18.9 14.6 21.8



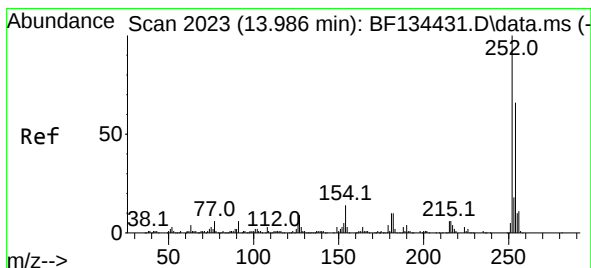
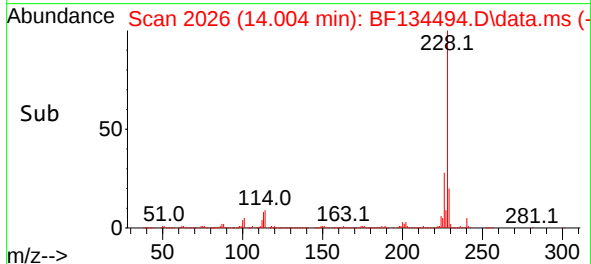
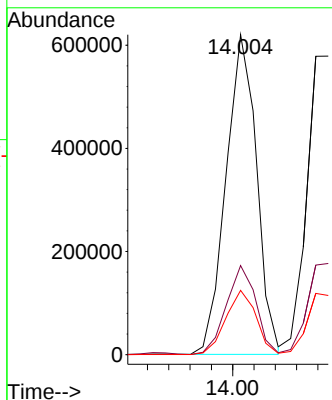


#81
Benzo(a)anthracene
Concen: 40.397 ng
RT: 14.004 min Scan# 20
Delta R.T. -0.018 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

Instrument :
BNA_F
ClientSampleId :

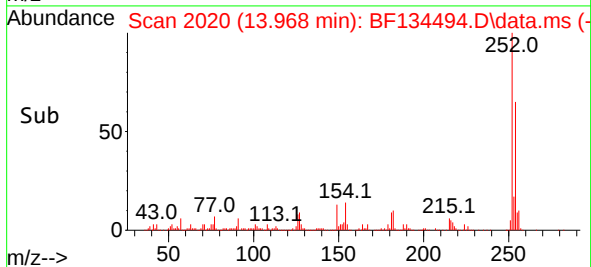
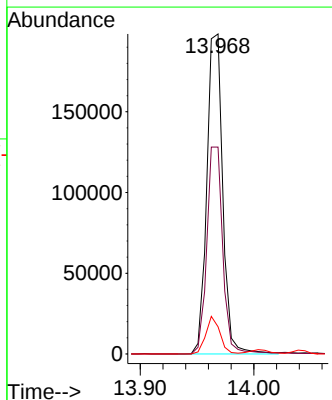
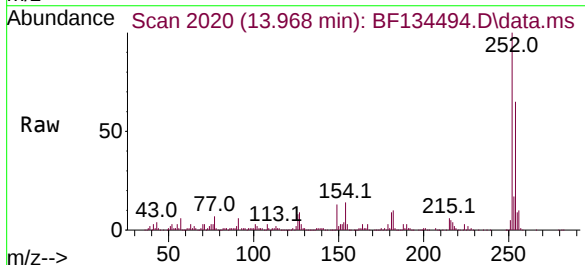


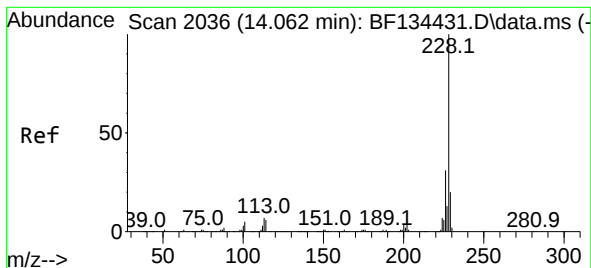
Tgt Ion:228 Resp: 618549
Ion Ratio Lower Upper
228 100
226 27.9 22.3 33.5
229 20.1 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 39.766 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.018 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

Tgt Ion:252 Resp: 192855
Ion Ratio Lower Upper
252 100
254 64.7 52.7 79.1
126 8.5 7.2 10.8





#83

Chrysene

Concen: 38.305 ng

RT: 14.045 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF134494.D

Acq: 26 Jul 2023 21:50

Instrument :

BNA_F

ClientSampleId :

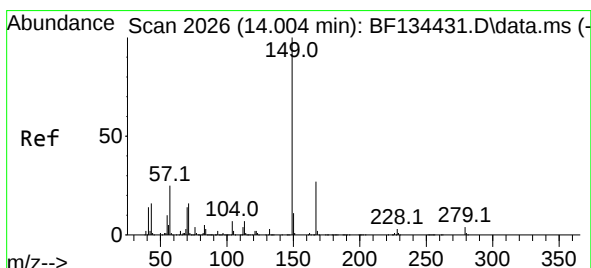
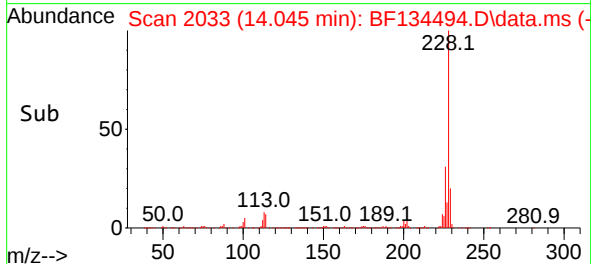
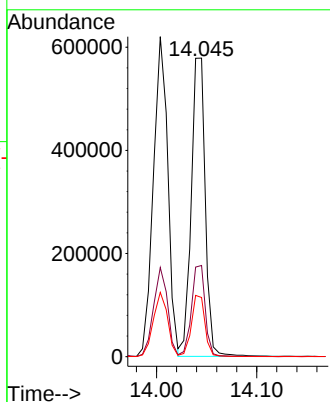
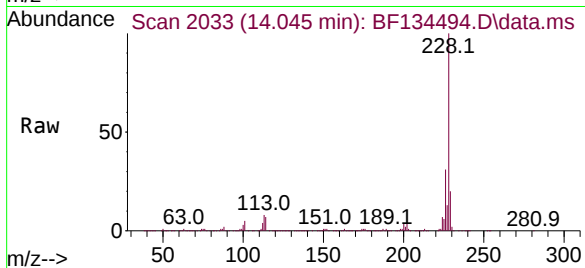
Tgt Ion:228 Resp: 561003

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.191 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.018 min

Lab File: BF134494.D

Acq: 26 Jul 2023 21:50

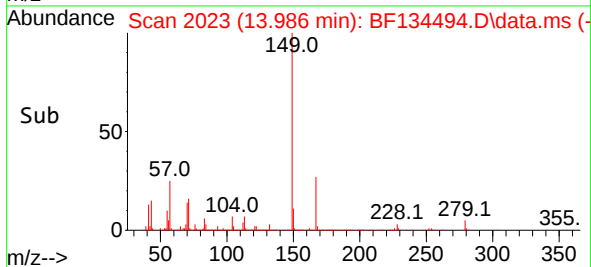
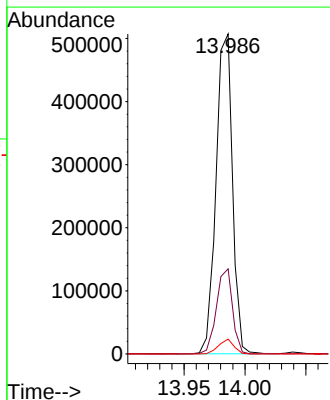
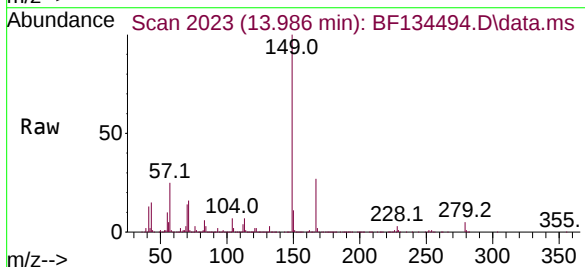
Tgt Ion:149 Resp: 477178

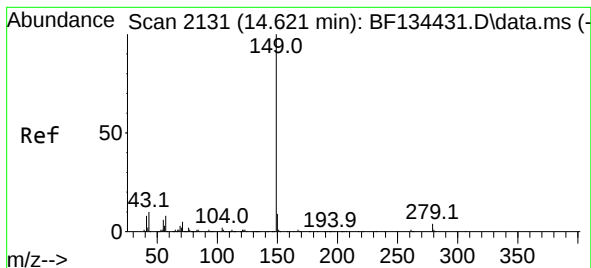
Ion Ratio Lower Upper

149 100

167 26.6 21.6 32.4

279 4.7 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 69.225 ng

RT: 14.604 min Scan# 2131

Delta R.T. -0.018 min

Lab File: BF134494.D

Acq: 26 Jul 2023 21:50

Instrument :

BNA_F

ClientSampleId :

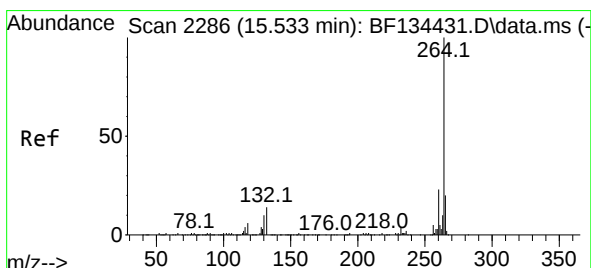
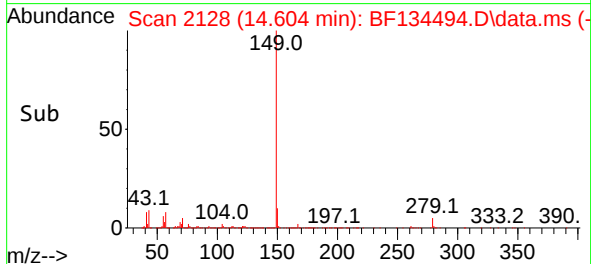
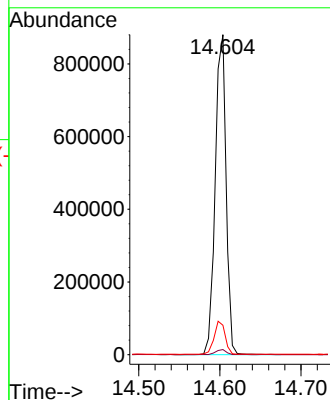
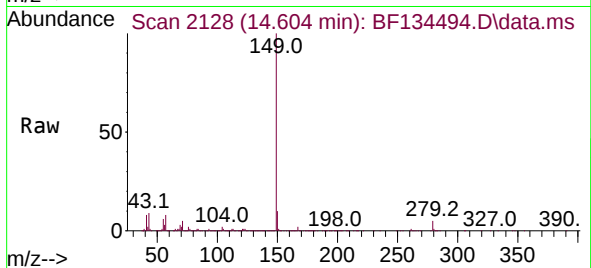
Tgt Ion:149 Resp: 816942

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.5 8.1 12.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 2282

Delta R.T. -0.023 min

Lab File: BF134494.D

Acq: 26 Jul 2023 21:50

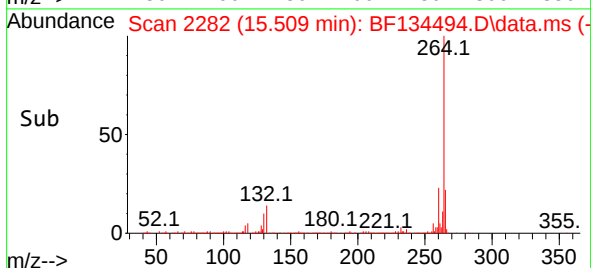
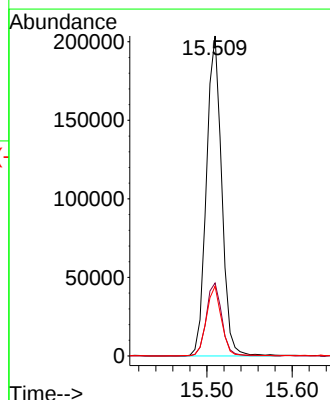
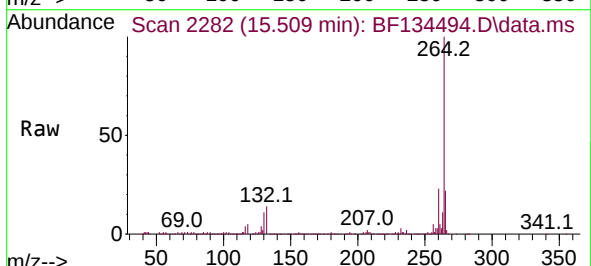
Tgt Ion:264 Resp: 253649

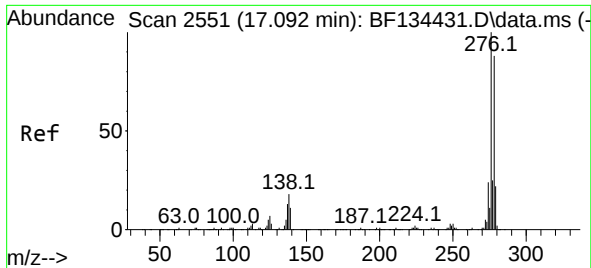
Ion Ratio Lower Upper

264 100

260 22.8 18.4 27.6

265 21.8 15.8 23.8

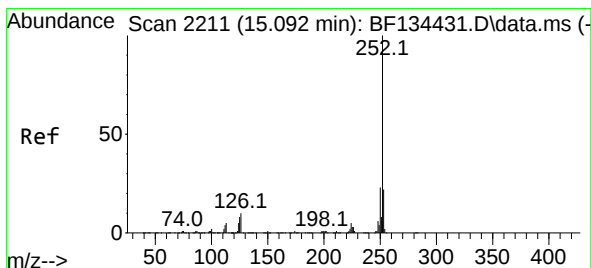
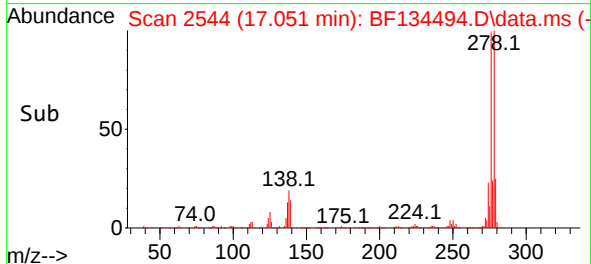
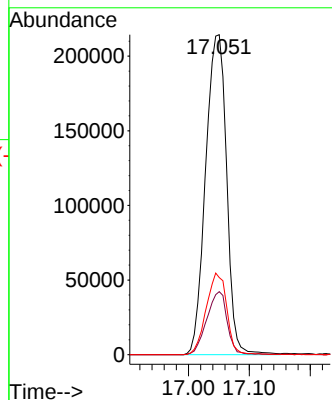
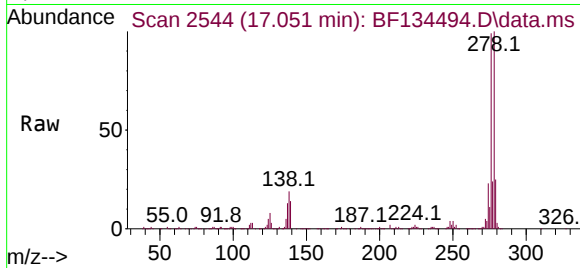




#87
Indeno(1,2,3-cd)pyrene
Concen: 31.021 ng
RT: 17.051 min Scan# 21
Delta R.T. -0.041 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

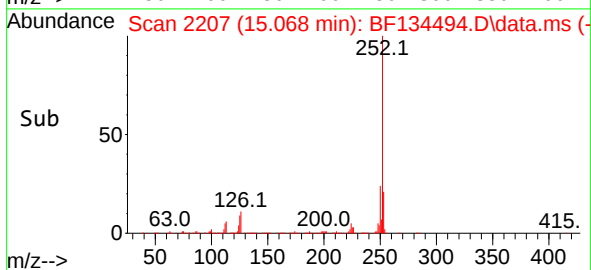
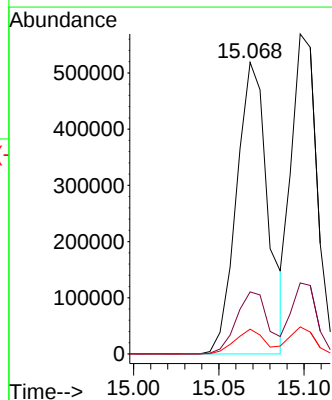
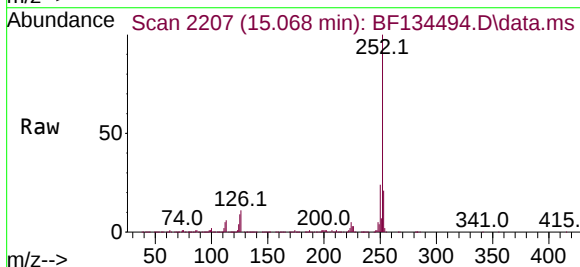
Instrument :
BNA_F
ClientSampleId :

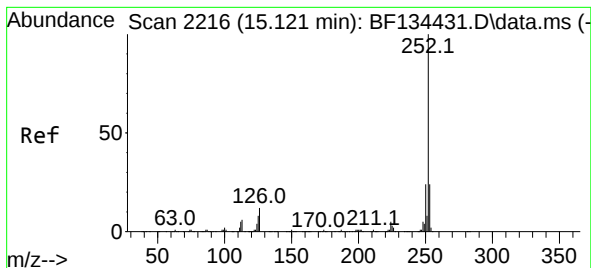
Tgt Ion:276 Resp: 514046
Ion Ratio Lower Upper
276 100
138 19.1 14.2 21.4
277 25.0 19.9 29.9



#88
Benzo(b)fluoranthene
Concen: 41.978 ng
RT: 15.068 min Scan# 2207
Delta R.T. -0.023 min
Lab File: BF134494.D
Acq: 26 Jul 2023 21:50

Tgt Ion:252 Resp: 666119
Ion Ratio Lower Upper
252 100
253 21.3 17.3 25.9
125 8.5 6.0 9.0





#89

Benzo(k)fluoranthene

Concen: 38.343 ng

RT: 15.098 min Scan# 21

Delta R.T. -0.023 min

Lab File: BF134494.D

Acq: 26 Jul 2023 21:50

Instrument :

BNA_F

ClientSampleId :

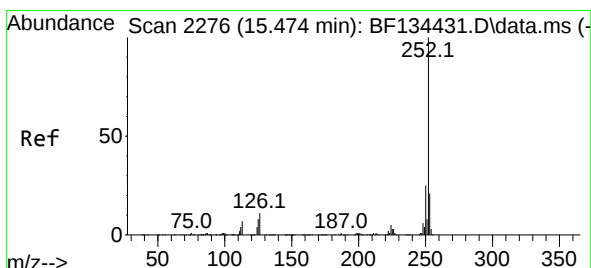
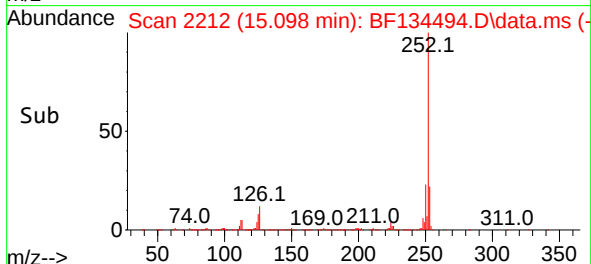
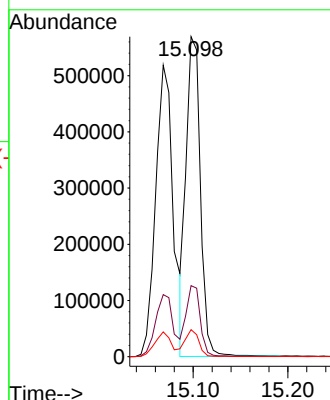
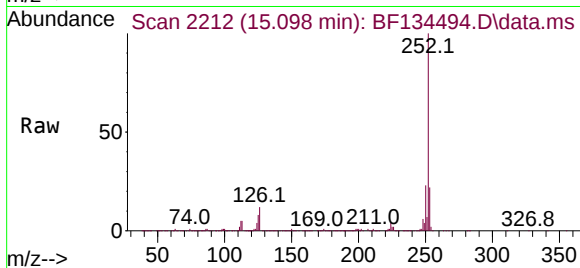
Tgt Ion:252 Resp: 598365

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

125 8.4 6.3 9.5



#90

Benzo(a)pyrene

Concen: 37.993 ng

RT: 15.445 min Scan# 2271

Delta R.T. -0.029 min

Lab File: BF134494.D

Acq: 26 Jul 2023 21:50

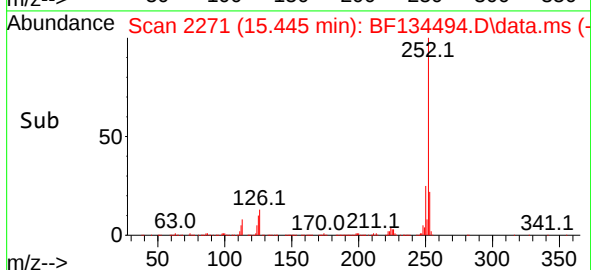
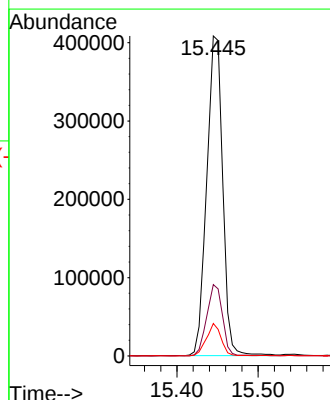
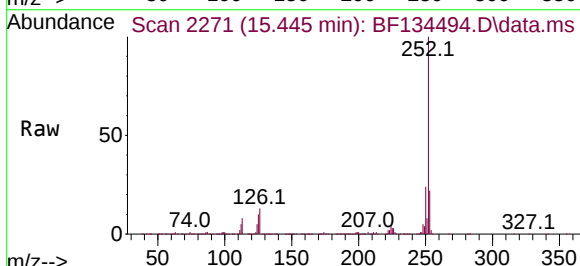
Tgt Ion:252 Resp: 557257

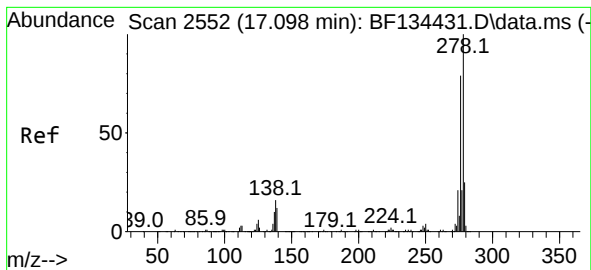
Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.4

125 10.2 6.2 9.4#





#91

Dibenzo(a,h)anthracene

Concen: 32.559 ng

RT: 17.056 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF134494.D

Acq: 26 Jul 2023 21:50

Instrument :

BNA_F

ClientSampleId :

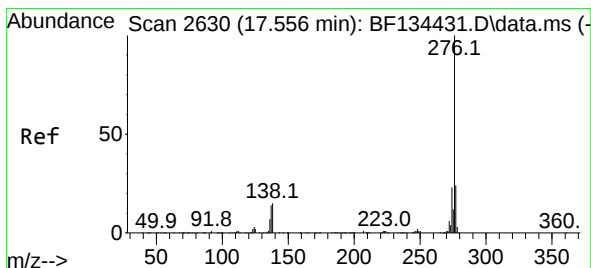
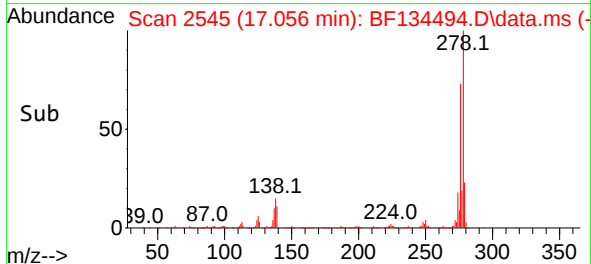
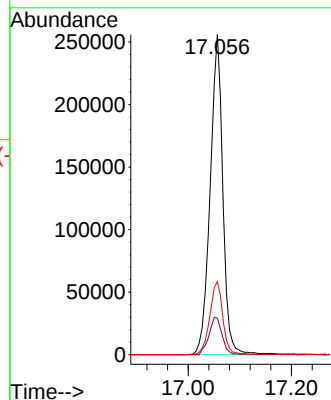
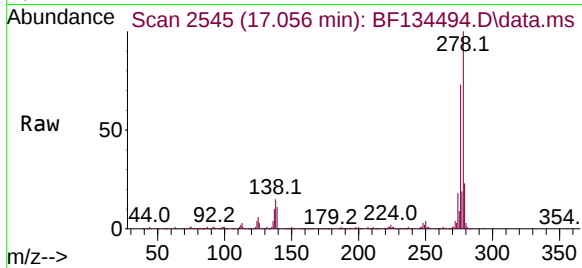
Tgt Ion:278 Resp: 435720

Ion Ratio Lower Upper

278 100

139 11.5 10.0 15.0

279 22.8 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 28.386 ng

RT: 17.509 min Scan# 2622

Delta R.T. -0.047 min

Lab File: BF134494.D

Acq: 26 Jul 2023 21:50

Tgt Ion:276 Resp: 390056

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.6

138 15.6 12.2 18.2

