

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134435.D
 Acq On : 24 Jul 2023 18:16
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072423

Quant Time: Jul 25 01:47:04 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	6.834	152	54335	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	191695	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	93898	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	189337	20.000	ng	0.00
76) Chrysene-d12	14.033	240	150677	20.000	ng	0.00
86) Perylene-d12	15.533	264	131249	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	271227	82.473	ng	0.00
7) Phenol-d6	6.475	99	324172	80.455	ng	0.00
23) Nitrobenzene-d5	7.404	82	316162	83.445	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	109719	82.241	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	577635	80.759	ng	0.00
79) Terphenyl-d14	12.963	244	697202	80.774	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.587	88	54412	39.007	ng	95
3) Pyridine	3.375	79	135850	43.386	ng	100
4) n-Nitrosodimethylamine	3.340	42	79434	42.927	ng	94
6) Aniline	6.504	93	193885	40.828	ng	100
8) 2-Chlorophenol	6.622	128	134489	40.367	ng	99
9) Benzaldehyde	6.392	77	83373	38.639	ng	100
10) Phenol	6.492	94	168231	40.129	ng	98
11) bis(2-Chloroethyl)ether	6.575	93	117071	40.002	ng	95
12) 1,3-Dichlorobenzene	6.775	146	143108	39.945	ng	100
13) 1,4-Dichlorobenzene	6.851	146	149563	40.566	ng	98
14) 1,2-Dichlorobenzene	7.004	146	138934	40.116	ng	97
15) Benzyl Alcohol	6.981	79	124866	40.137	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.110	45	176296	40.906	ng	97
17) 2-Methylphenol	7.092	107	116240	39.121	ng	99
18) Hexachloroethane	7.339	117	55467	39.159	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	97024	38.681	ng	98
20) 3+4-Methylphenols	7.245	107	149474	39.291	ng	95
22) Acetophenone	7.245	105	192226	40.320	ng	97
24) Nitrobenzene	7.422	77	153989	40.867	ng	98
25) Isophorone	7.657	82	253233	40.103	ng	99
26) 2-Nitrophenol	7.734	139	70973	40.952	ng	100
27) 2,4-Dimethylphenol	7.769	122	113306	41.429	ng	95
28) bis(2-Chloroethoxy)met...	7.863	93	142251	40.472	ng	99
29) 2,4-Dichlorophenol	7.975	162	110924	40.572	ng	96
30) 1,2,4-Trichlorobenzene	8.057	180	118125	40.054	ng	98
31) Naphthalene	8.134	128	383013	40.147	ng	99
32) Benzoic acid	7.892	122	76207	41.715	ng	# 72
33) 4-Chloroaniline	8.192	127	159941	40.558	ng	100
34) Hexachlorobutadiene	8.245	225	79406	40.192	ng	99
35) Caprolactam	8.563	113	34096	40.785	ng	93
36) 4-Chloro-3-methylphenol	8.675	107	127291	40.350	ng	97
37) 2-Methylnaphthalene	8.828	142	265184	40.005	ng	100
38) 1-Methylnaphthalene	8.928	142	246692	40.115	ng	97
40) 1,2,4,5-Tetrachloroben...	8.992	216	121906	40.968	ng	98
41) Hexachlorocyclopentadiene	8.975	237	31925	41.716	ng	95
43) 2,4,6-Trichlorophenol	9.110	196	77371	40.531	ng	99

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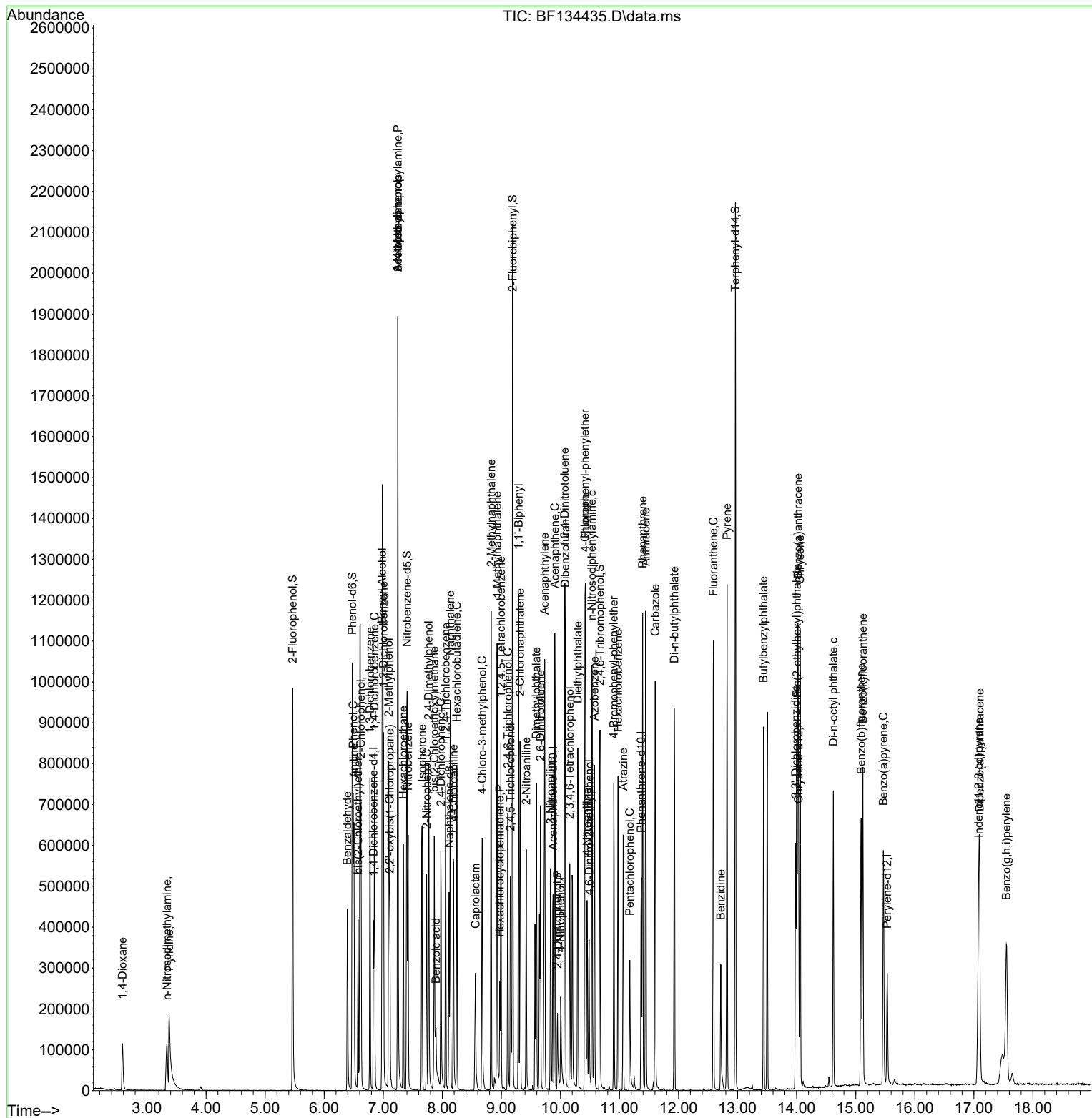
Instrument :
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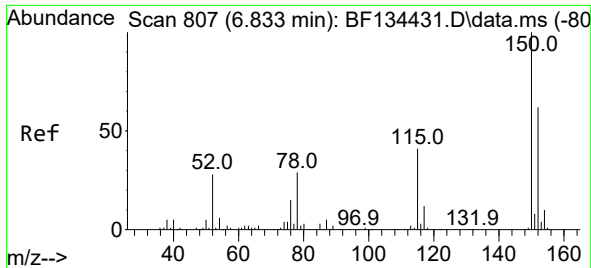
Quant Time: Jul 25 01:47:04 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	89439	40.214	ng	98
46) 1,1'-Biphenyl	9.292	154	312434	40.371	ng	99
47) 2-Chloronaphthalene	9.316	162	230301	40.366	ng	97
48) 2-Nitroaniline	9.422	65	86430	42.063	ng	95
49) Acenaphthylene	9.733	152	387631	40.216	ng	99
50) Dimethylphthalate	9.592	163	278812	40.055	ng	98
51) 2,6-Dinitrotoluene	9.663	165	61139	40.030	ng	94
52) Acenaphthene	9.904	154	233847	41.070	ng	99
53) 3-Nitroaniline	9.833	138	72844	41.598	ng	92
54) 2,4-Dinitrophenol	9.951	184	26897	37.380	ng	94
55) Dibenzofuran	10.080	168	352918	40.272	ng	99
56) 4-Nitrophenol	10.004	139	36653	39.250	ng	97
57) 2,4-Dinitrotoluene	10.075	165	85471	41.664	ng	96
58) Fluorene	10.422	166	285543	40.390	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	65445	38.300	ng	96
60) Diethylphthalate	10.292	149	288724	40.064	ng	97
61) 4-Chlorophenyl-phenyle...	10.416	204	136697	40.476	ng	97
62) 4-Nitroaniline	10.451	138	67996	37.847	ng	92
63) Azobenzene	10.575	77	268799	40.522	ng	94
65) 4,6-Dinitro-2-methylph...	10.486	198	44320	40.807	ng	94
66) n-Nitrosodiphenylamine	10.533	169	242240	40.214	ng	97
67) 4-Bromophenyl-phenylether	10.904	248	82750	39.890	ng	# 90
68) Hexachlorobenzene	10.975	284	94329	40.380	ng	98
69) Atrazine	11.063	200	70061	41.716	ng	98
70) Pentachlorophenol	11.175	266	39806	40.604	ng	97
71) Phenanthrene	11.392	178	397618	40.194	ng	99
72) Anthracene	11.445	178	415714	40.715	ng	99
73) Carbazole	11.604	167	393414	40.918	ng	99
74) Di-n-butylphthalate	11.927	149	440899	39.947	ng	99
75) Fluoranthene	12.592	202	472182	40.955	ng	99
77) Benzidine	12.716	184	124160	38.592	ng	99
78) Pyrene	12.821	202	487618	40.700	ng	99
80) Butylbenzylphthalate	13.439	149	196621	40.971	ng	98
81) Benzo(a)anthracene	14.021	228	418909	39.849	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	127327	38.241	ng	99
83) Chrysene	14.057	228	410445	40.820	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	238928	40.980	ng	97
85) Di-n-octyl phthalate	14.621	149	325349	40.155	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	359192	41.890	ng	100
88) Benzo(b)fluoranthene	15.092	252	318704	38.814	ng	98
89) Benzo(k)fluoranthene	15.121	252	335553	41.555	ng	99
90) Benzo(a)pyrene	15.468	252	310144	40.864	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	291582	42.108	ng	97
92) Benzo(g,h,i)perylene	17.551	276	304556	42.833	ng	98

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

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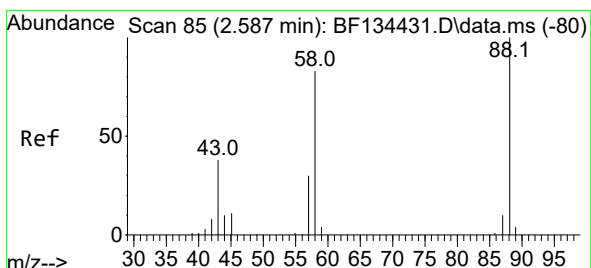
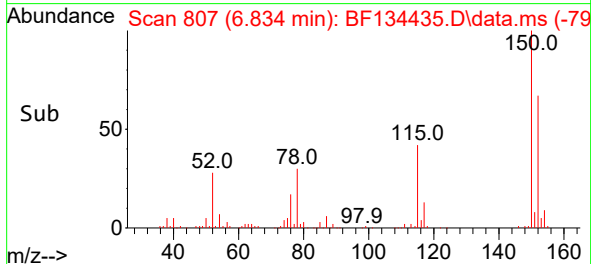
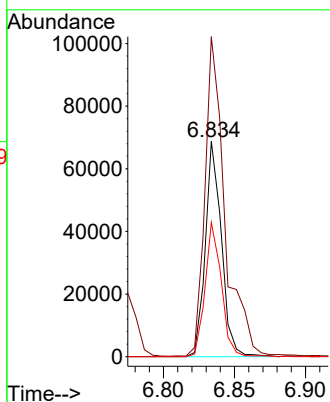
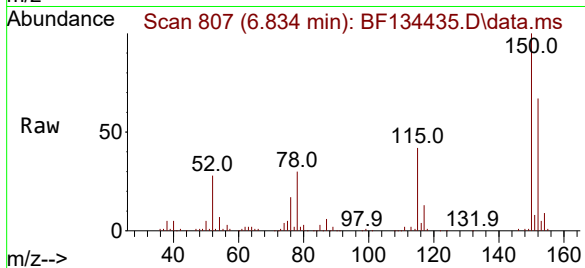




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. 0.001 min
 Lab File: BF134435.D
 Acq: 24 Jul 2023 18:16

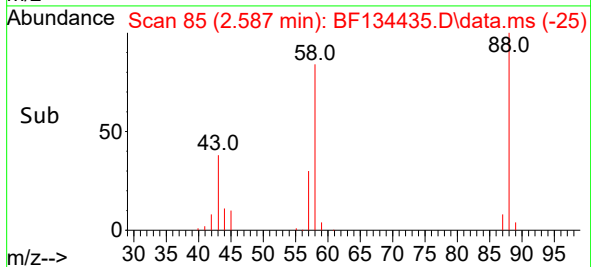
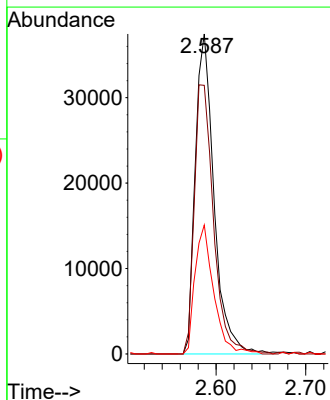
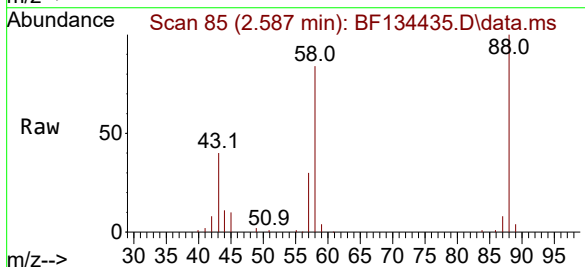
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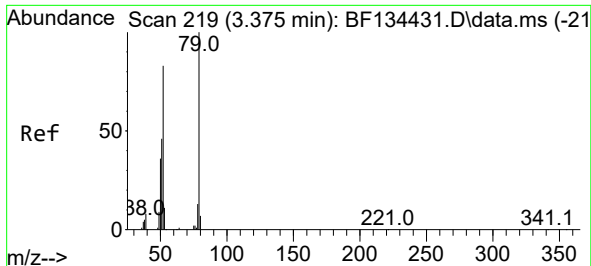
Tgt Ion:152 Resp: 54335
 Ion Ratio Lower Upper
 152 100
 150 148.6 128.3 192.5
 115 62.3 52.4 78.6



#2
 1,4-Dioxane
 Concen: 39.007 ng
 RT: 2.587 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: BF134435.D
 Acq: 24 Jul 2023 18:16

Tgt Ion: 88 Resp: 54412
 Ion Ratio Lower Upper
 88 100
 58 86.4 65.1 97.7
 43 40.2 30.3 45.5

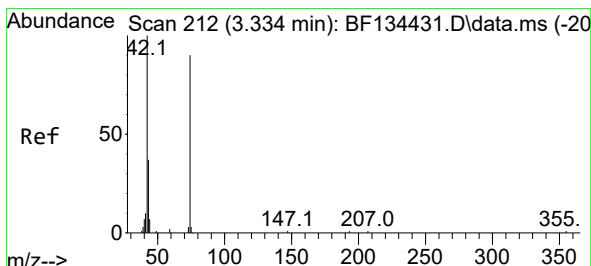
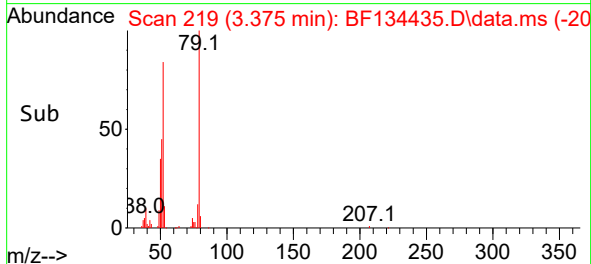
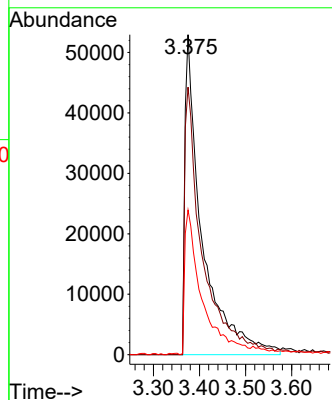
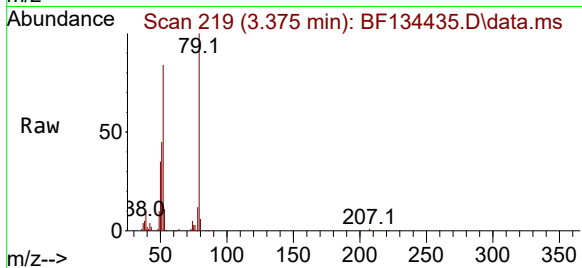




#3
 Pyridine
 Concen: 43.386 ng
 RT: 3.375 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: BF134435.D
 Acq: 24 Jul 2023 18:16

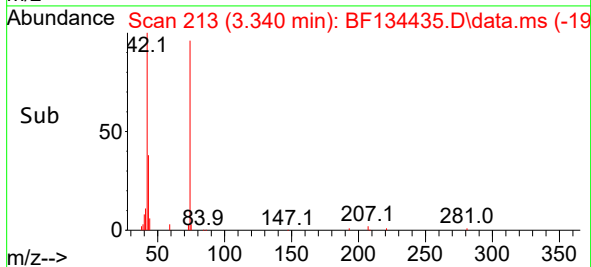
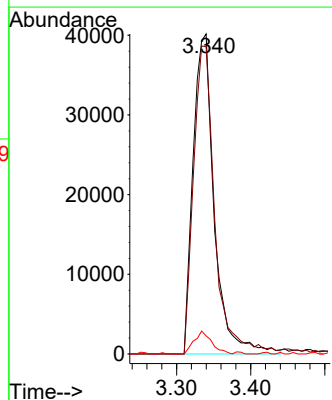
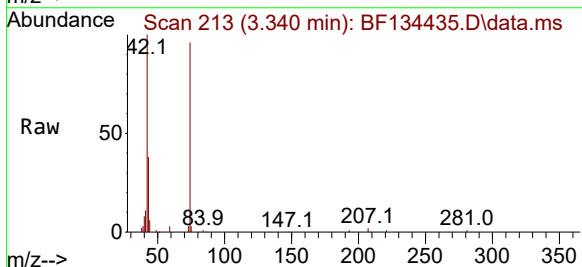
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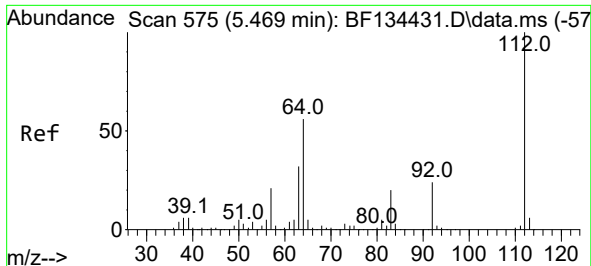
Tgt Ion: 79 Resp: 135850
 Ion Ratio Lower Upper
 79 100
 52 83.6 66.6 100.0
 51 45.2 36.5 54.7



#4
 n-Nitrosodimethylamine
 Concen: 42.927 ng
 RT: 3.340 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: BF134435.D
 Acq: 24 Jul 2023 18:16

Tgt Ion: 42 Resp: 79434
 Ion Ratio Lower Upper
 42 100
 74 96.0 72.2 108.4
 44 5.6 5.4 8.0

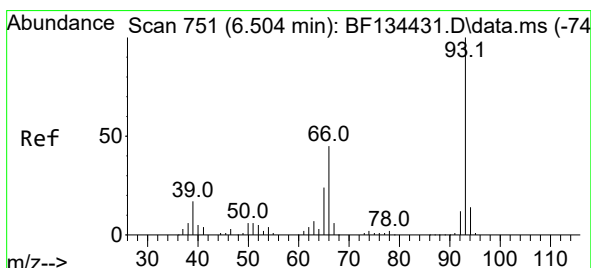
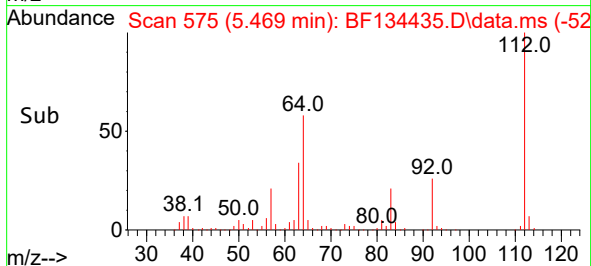
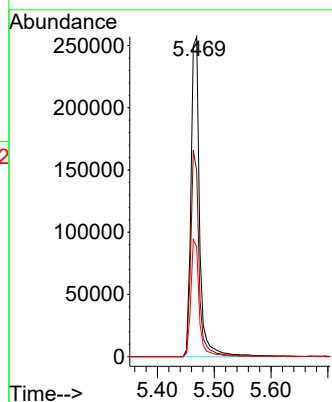
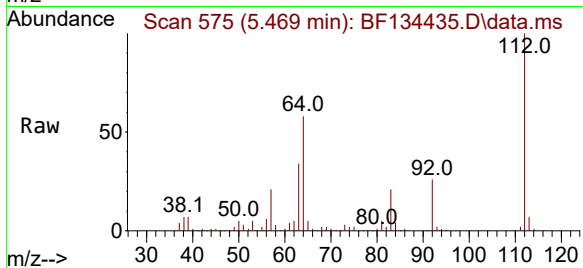




#5
2-Fluorophenol
Concen: 82.473 ng
RT: 5.469 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

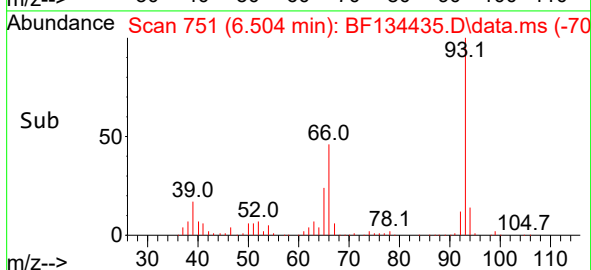
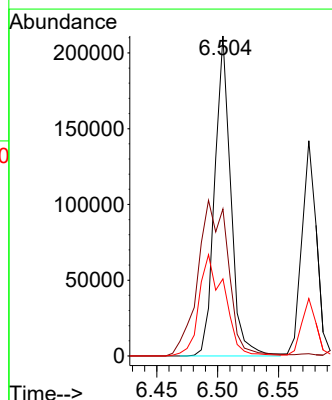
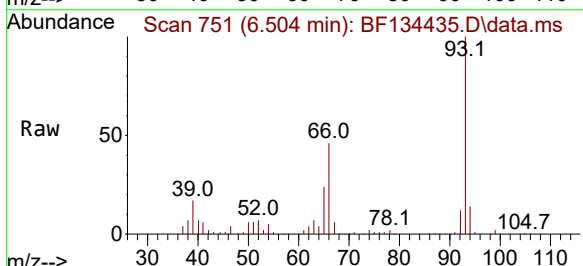
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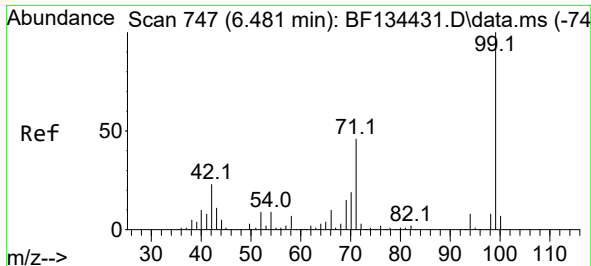
Tgt Ion:112 Resp: 271227
Ion Ratio Lower Upper
112 100
64 58.1 44.9 67.3
63 34.3 25.4 38.0



#6
Aniline
Concen: 40.828 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion: 93 Resp: 193885
Ion Ratio Lower Upper
93 100
66 46.0 36.8 55.2
65 24.1 19.4 29.0

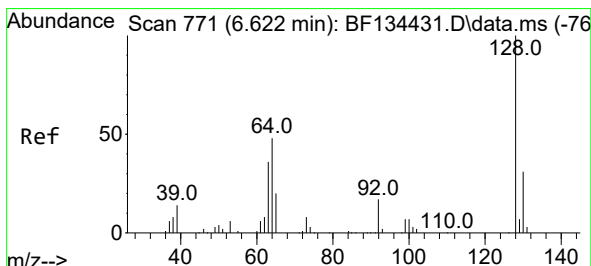
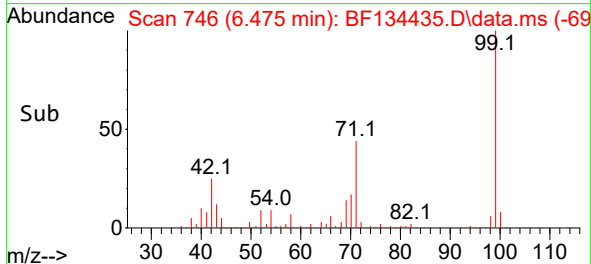
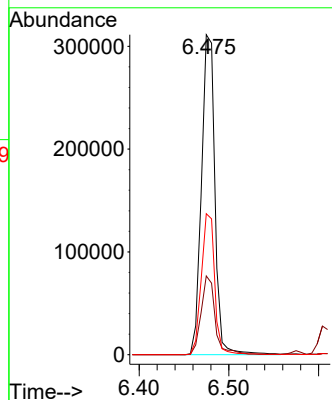
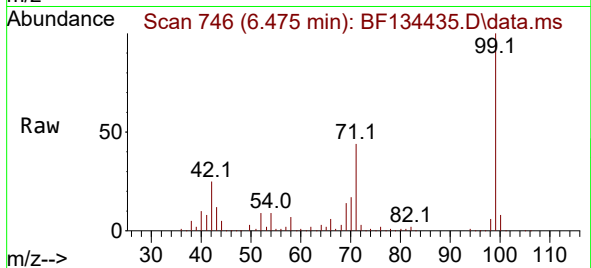




#7
Phenol-d6
Concen: 80.455 ng
RT: 6.475 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

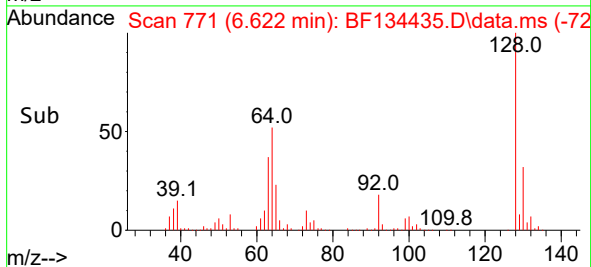
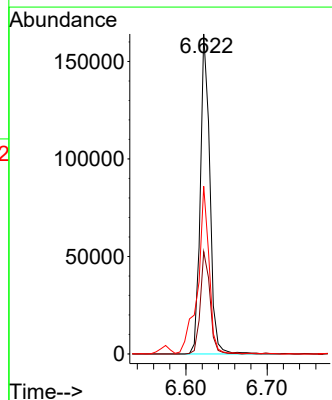
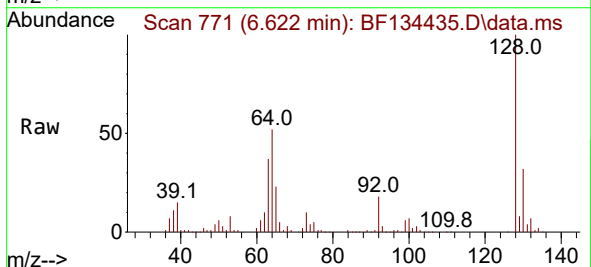
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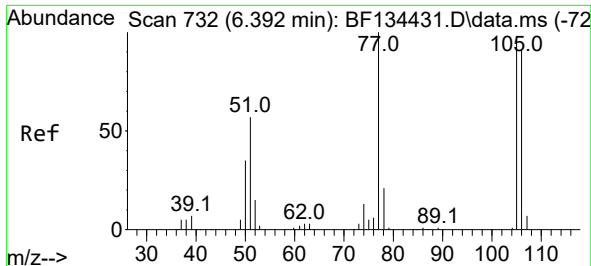
Tgt Ion: 99 Resp: 324172
Ion Ratio Lower Upper
99 100
42 24.6 18.7 28.1
71 44.0 36.4 54.6



#8
2-Chlorophenol
Concen: 40.367 ng
RT: 6.622 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion: 128 Resp: 134489
Ion Ratio Lower Upper
128 100
130 32.0 11.1 51.1
64 52.4 31.9 71.9

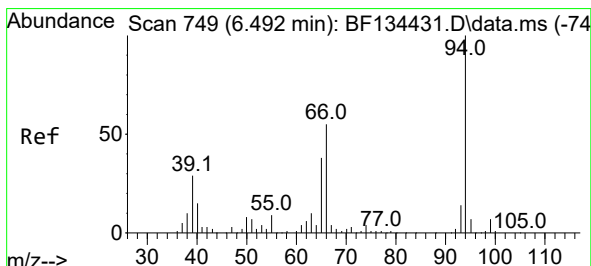
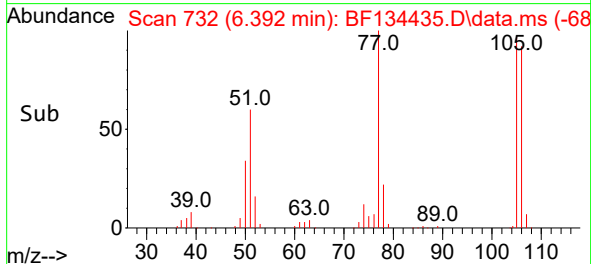
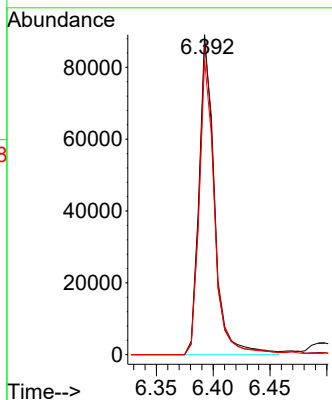
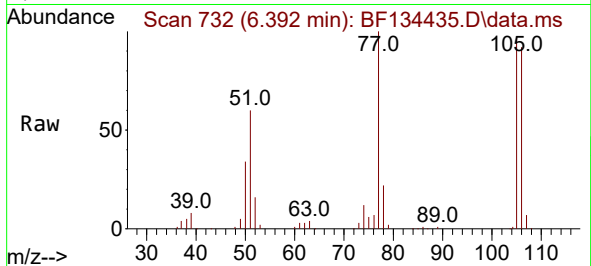




#9
Benzaldehyde
Concen: 38.639 ng
RT: 6.392 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

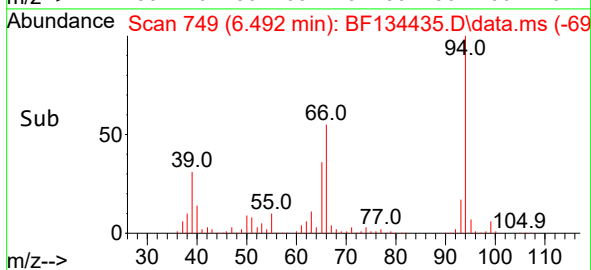
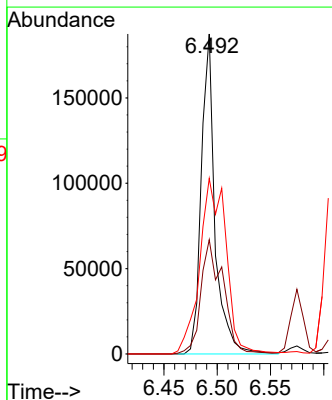
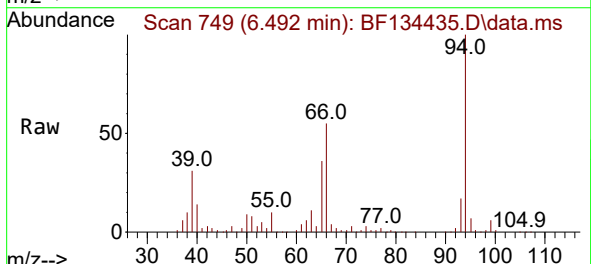
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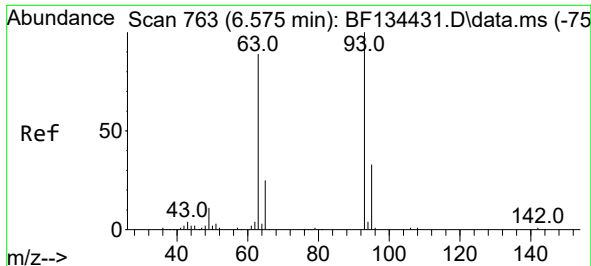
Tgt Ion:	77	Resp:	83373
Ion	Ratio	Lower	Upper
77	100		
105	97.2	77.1	117.1
106	92.0	71.4	111.4



#10
Phenol
Concen: 40.129 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF134435.D
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Tgt Ion:	94	Resp:	168231
Ion	Ratio	Lower	Upper
94	100		
65	35.7	17.8	57.8
66	54.8	35.2	75.2





#11

bis(2-Chloroethyl)ether

Concen: 40.002 ng

RT: 6.575 min Scan# 763

Delta R.T. 0.000 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

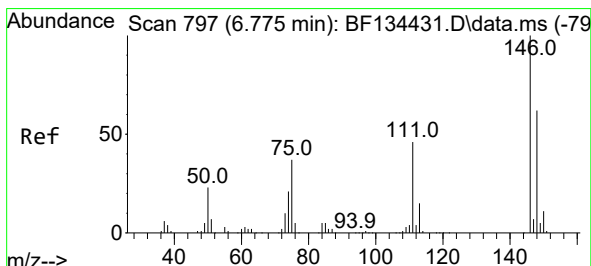
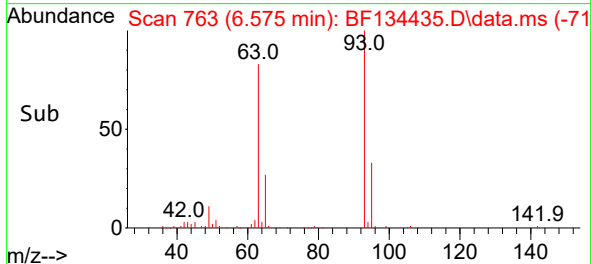
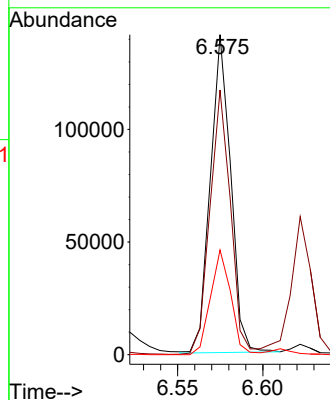
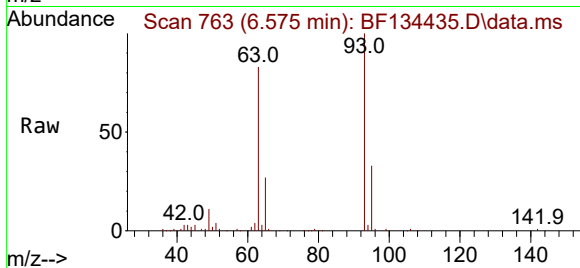
Tgt Ion: 93 Resp: 117071

Ion Ratio Lower Upper

93 100

63 82.7 68.4 108.4

95 32.7 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 39.945 ng

RT: 6.775 min Scan# 797

Delta R.T. 0.000 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

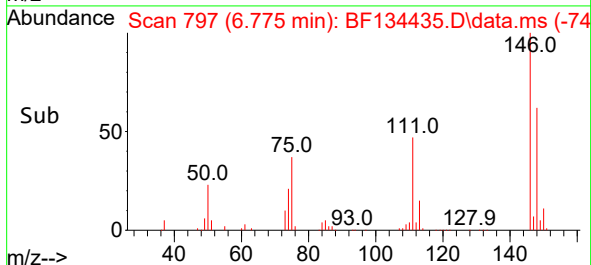
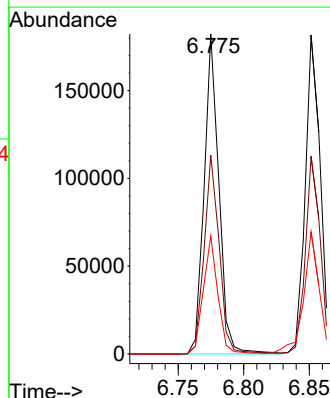
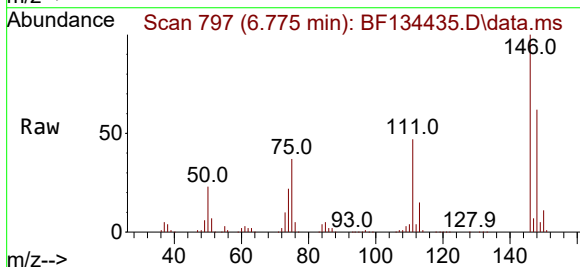
Tgt Ion:146 Resp: 143108

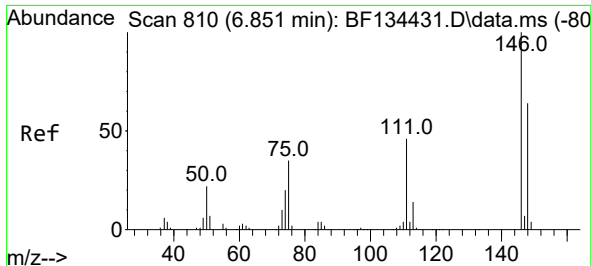
Ion Ratio Lower Upper

146 100

148 62.2 49.7 74.5

75 36.9 29.5 44.3

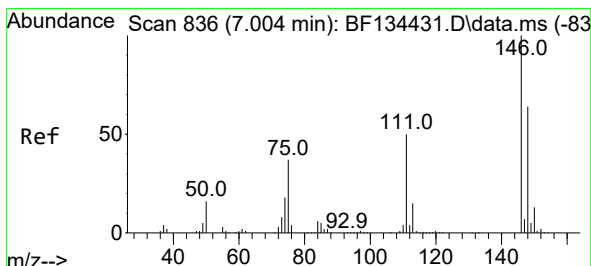
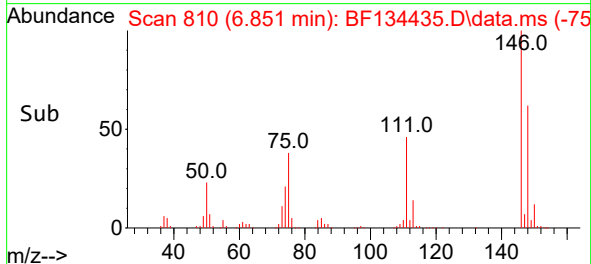
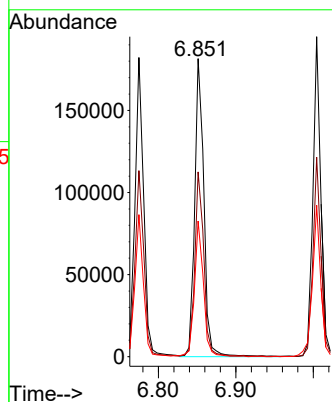
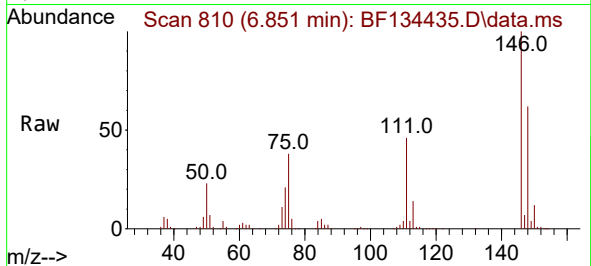




#13
1,4-Dichlorobenzene
Concen: 40.566 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

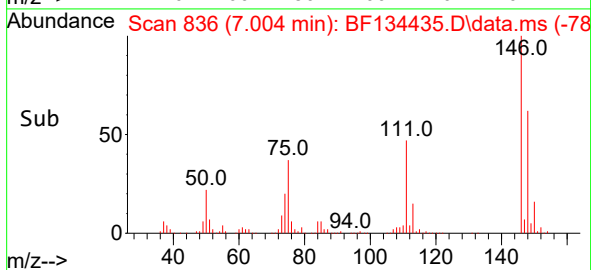
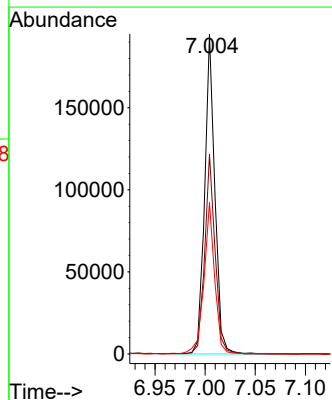
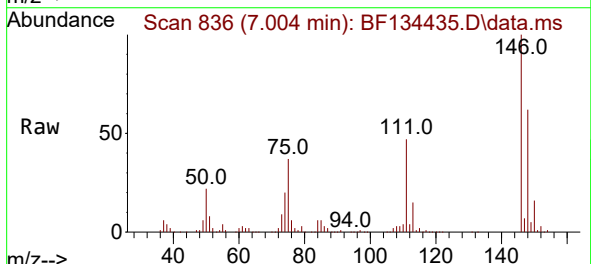
Instrument :
BNA_F
ClientSampleId :
ICVBF072423

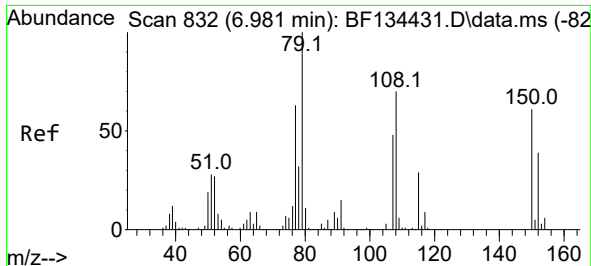
Tgt Ion:146 Resp: 149563
Ion Ratio Lower Upper
146 100
148 62.0 51.3 76.9
111 45.5 36.6 55.0



#14
1,2-Dichlorobenzene
Concen: 40.116 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion:146 Resp: 138934
Ion Ratio Lower Upper
146 100
148 62.3 51.2 76.8
111 47.3 39.9 59.9

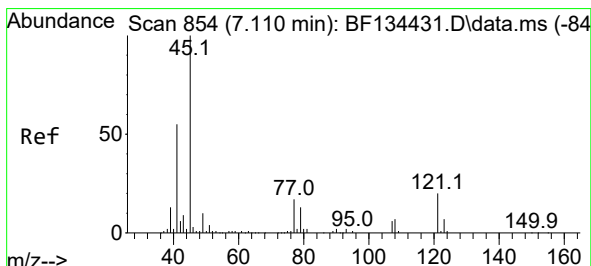
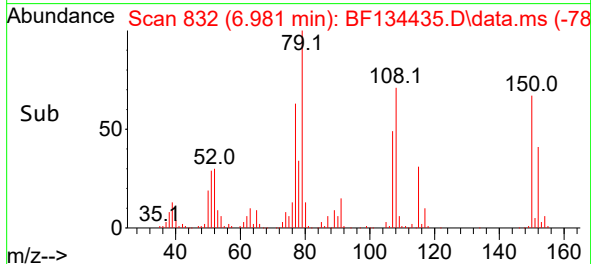
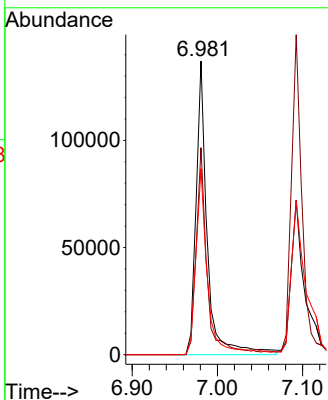
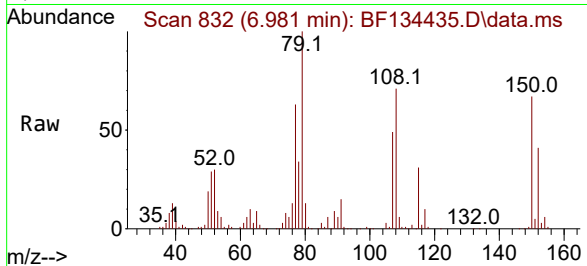




#15
Benzyl Alcohol
Concen: 40.137 ng
RT: 6.981 min Scan# 832
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

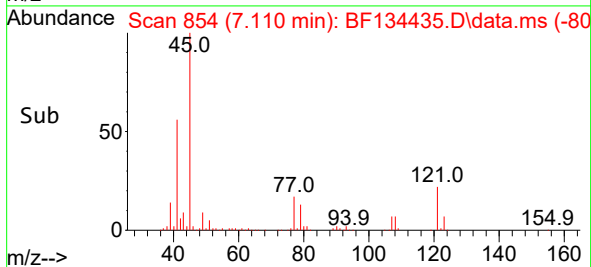
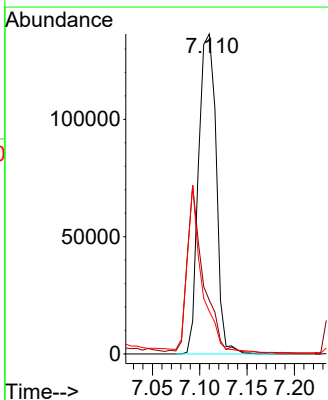
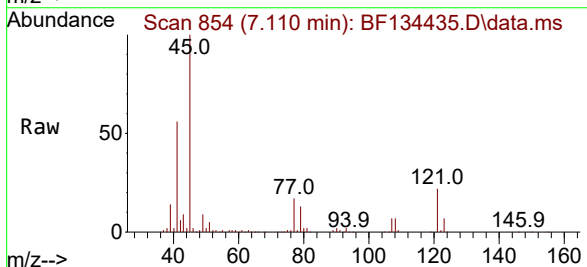
Instrument :
BNA_F
ClientSampleId :
ICVBF072423

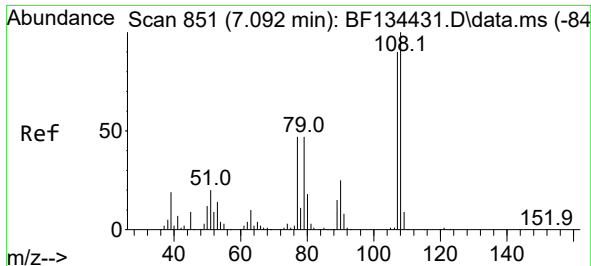
Tgt Ion: 79 Resp: 124866
Ion Ratio Lower Upper
79 100
108 70.5 56.3 84.5
77 63.4 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.906 ng
RT: 7.110 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion: 45 Resp: 176296
Ion Ratio Lower Upper
45 100
77 16.8 0.0 37.8
79 13.3 0.0 34.5

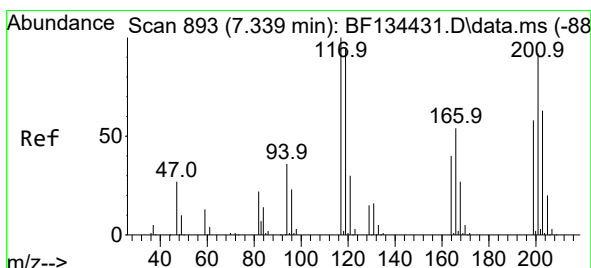
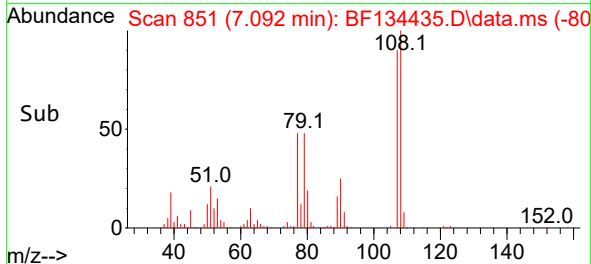
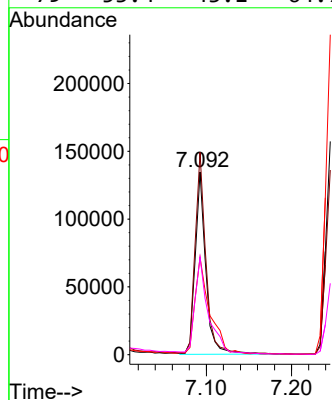
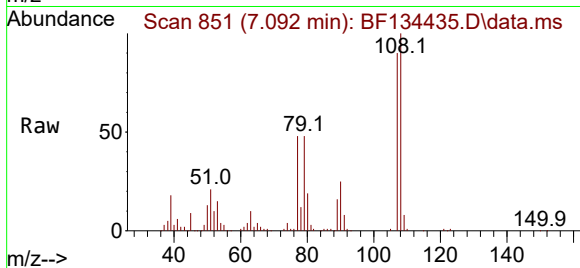




#17
2-Methylphenol
Concen: 39.121 ng
RT: 7.092 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

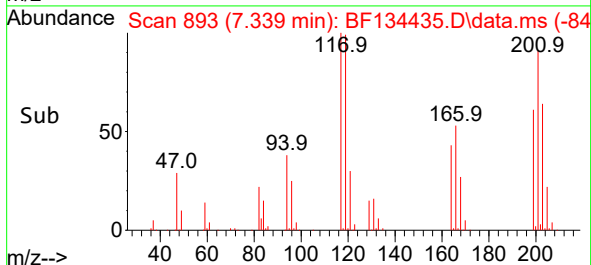
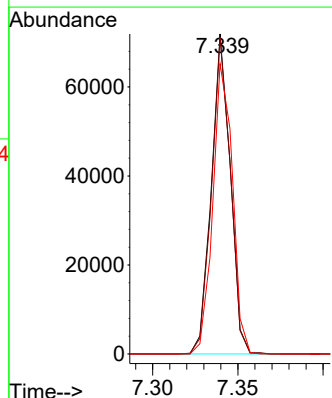
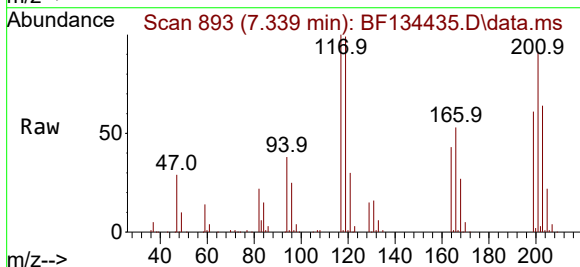
Instrument :
BNA_F
ClientSampleId :
ICVBF072423

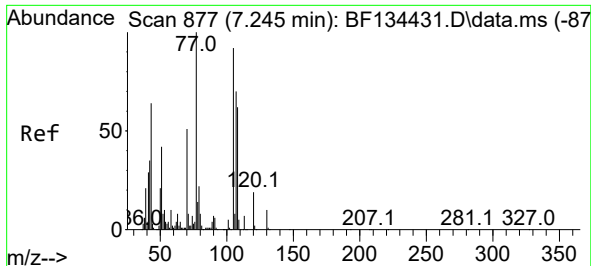
Tgt Ion:107 Resp: 116240
Ion Ratio Lower Upper
107 100
108 110.8 89.4 134.2
77 53.3 42.4 63.6
79 53.4 43.1 64.7



#18
Hexachloroethane
Concen: 39.159 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion:117 Resp: 55467
Ion Ratio Lower Upper
117 100
119 99.0 75.8 113.8
201 90.7 73.6 110.4





#19

n-Nitroso-di-n-propylamine

Concen: 38.681 ng

RT: 7.245 min Scan# 877

Delta R.T. 0.000 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

Tgt Ion: 70 Resp: 97024

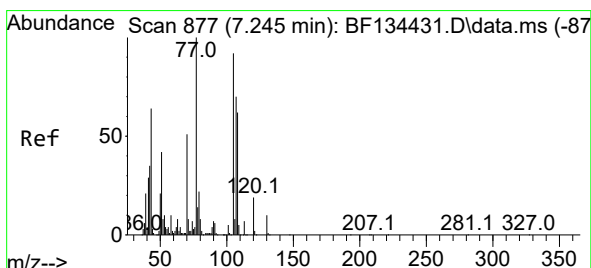
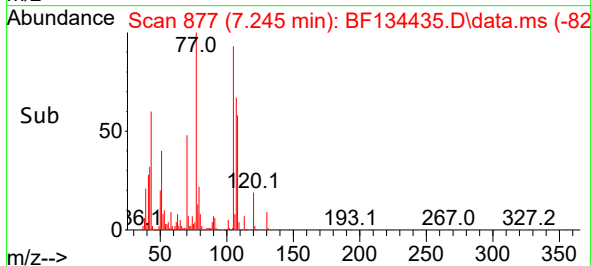
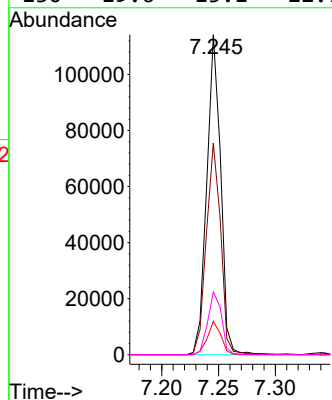
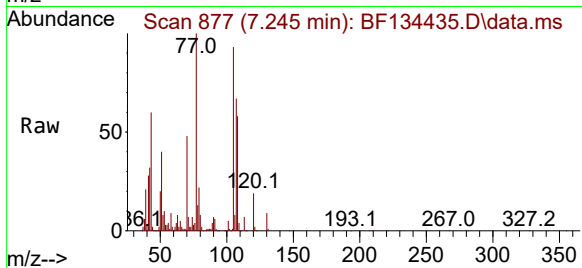
Ion Ratio Lower Upper

70 100

42 66.2 54.7 82.1

101 10.4 8.2 12.2

130 19.6 15.1 22.7



#20

3+4-Methylphenols

Concen: 39.291 ng

RT: 7.245 min Scan# 877

Delta R.T. 0.000 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

Tgt Ion: 107 Resp: 149474

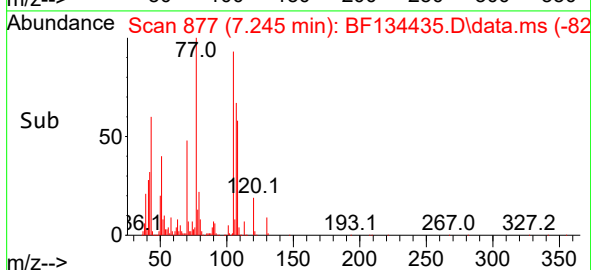
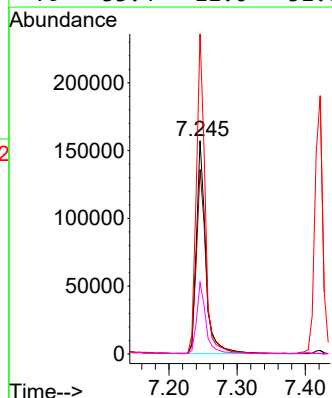
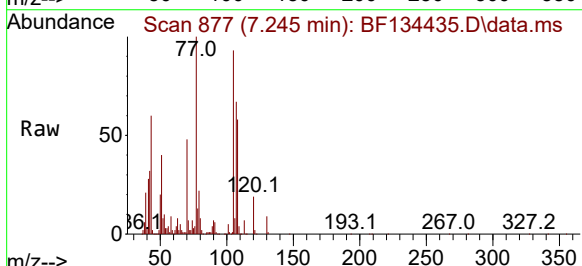
Ion Ratio Lower Upper

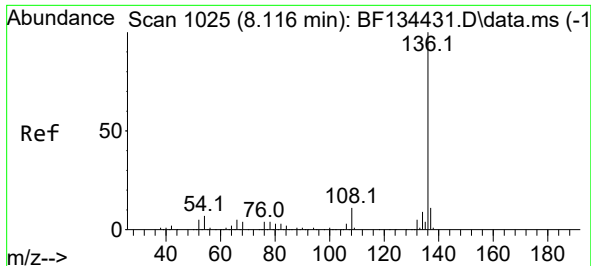
107 100

108 86.6 68.1 108.1

77 150.0 122.1 162.1

79 33.4 11.0 51.0

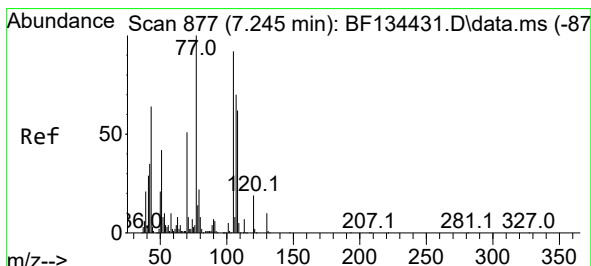
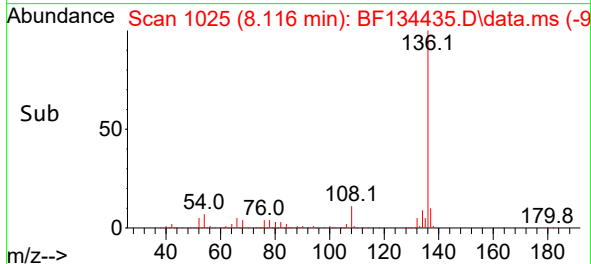
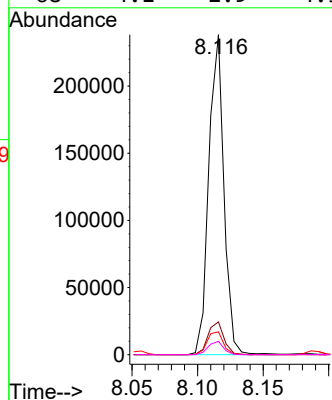
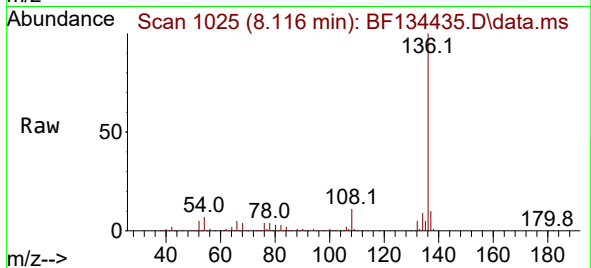




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

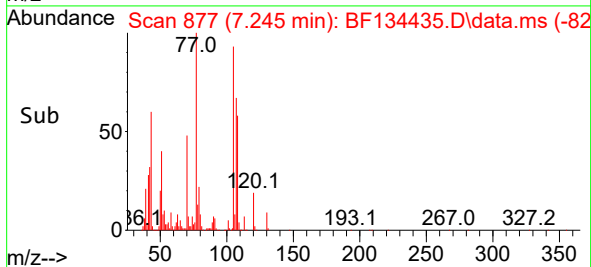
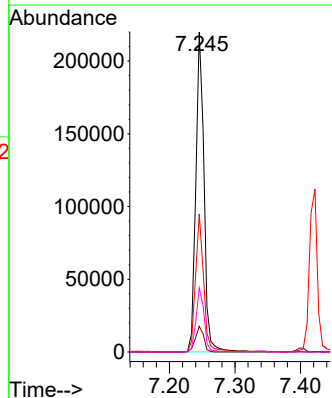
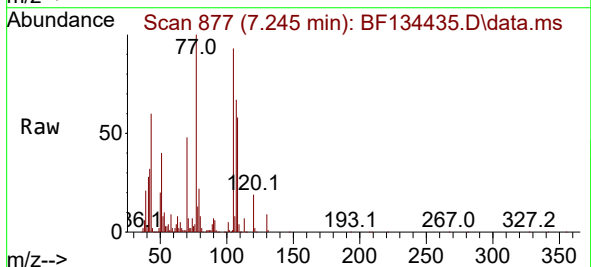
Instrument :
BNA_F
ClientSampleId :
ICVBF072423

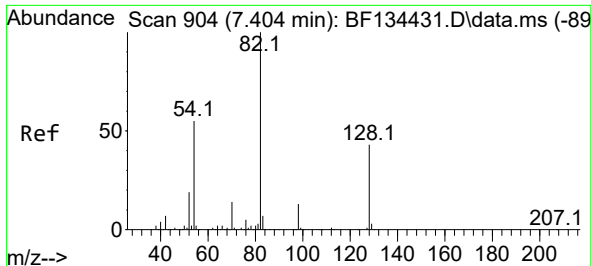
Tgt Ion:136 Resp: 191695
Ion Ratio Lower Upper
136 100
137 10.2 8.4 12.6
54 7.2 5.2 7.8
68 4.1 2.9 4.3



#22
Acetophenone
Concen: 40.320 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion:105 Resp: 192226
Ion Ratio Lower Upper
105 100
71 8.0 7.4 11.0
51 43.2 36.4 54.6
120 20.0 16.6 25.0





#23

Nitrobenzene-d5

Concen: 83.445 ng

RT: 7.404 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

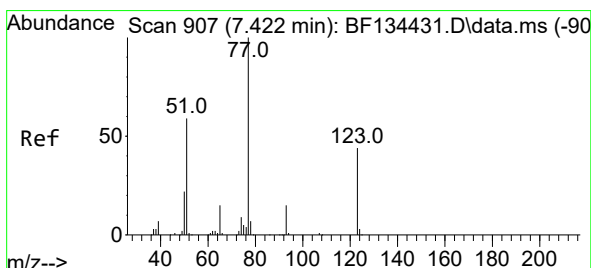
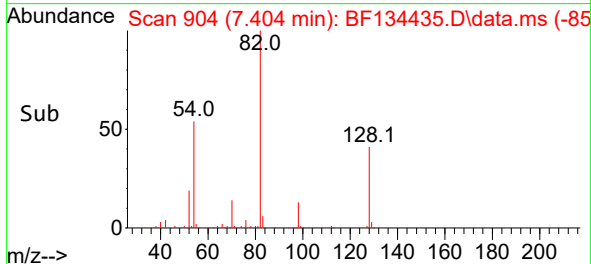
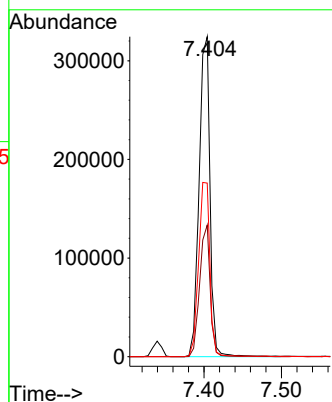
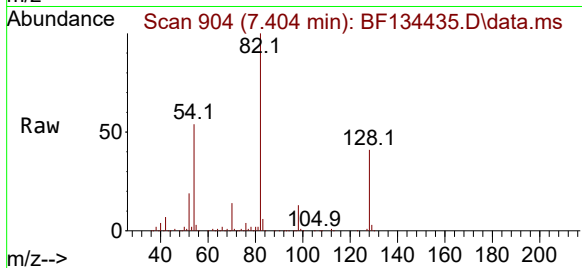
Tgt Ion: 82 Resp: 316162

Ion Ratio Lower Upper

82 100

128 41.2 34.3 51.5

54 54.3 43.8 65.6



#24

Nitrobenzene

Concen: 40.867 ng

RT: 7.422 min Scan# 907

Delta R.T. 0.000 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

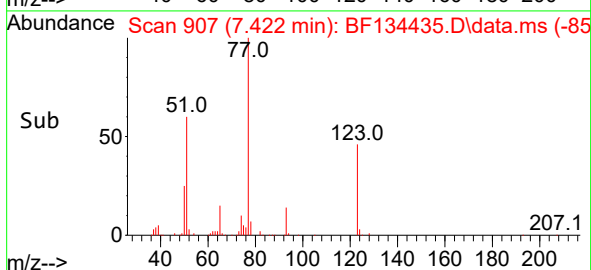
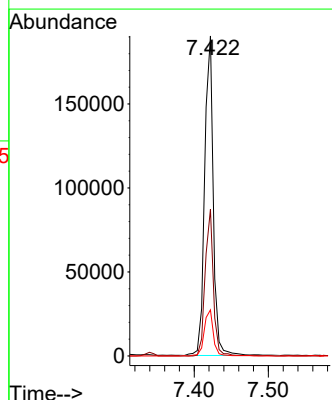
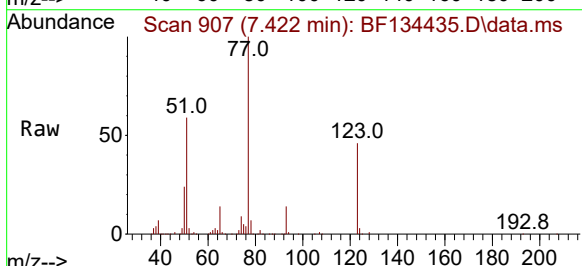
Tgt Ion: 77 Resp: 153989

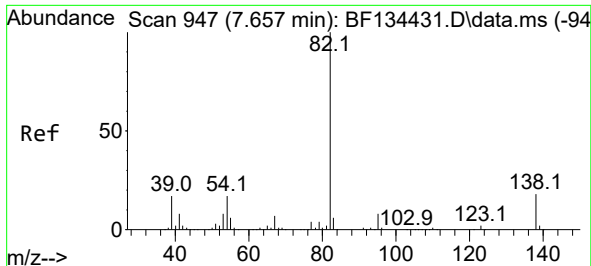
Ion Ratio Lower Upper

77 100

123 45.9 35.5 53.3

65 14.4 11.9 17.9

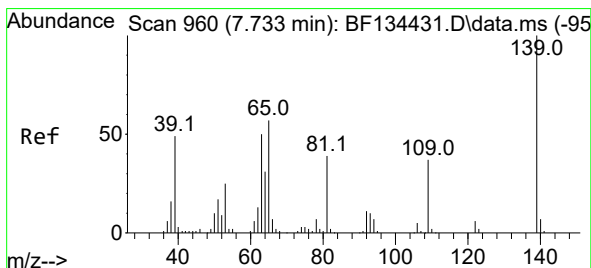
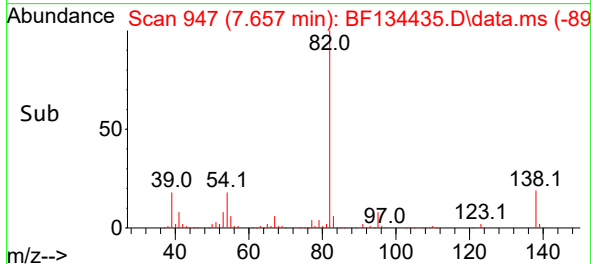
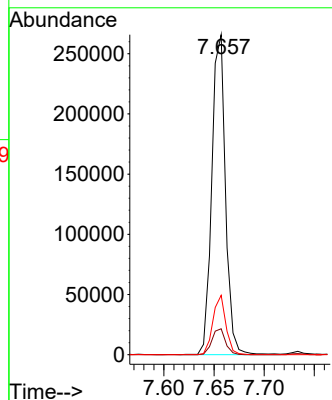
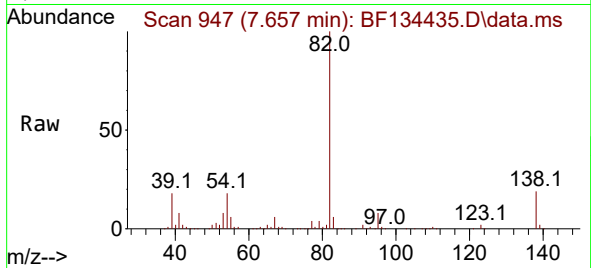




#25
Isophorone
Concen: 40.103 ng
RT: 7.657 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

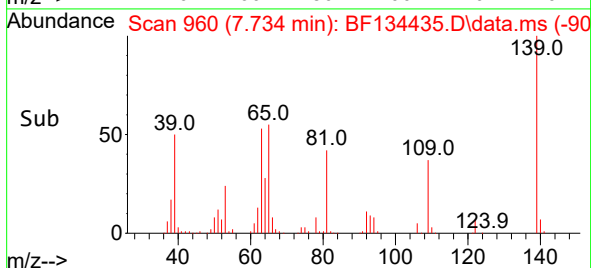
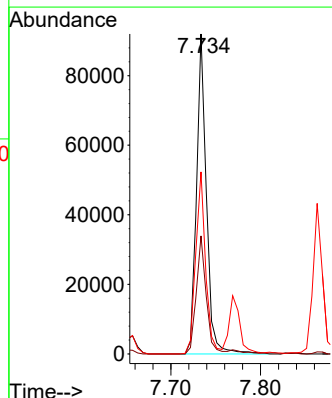
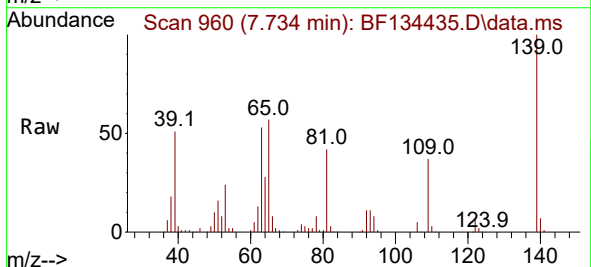
Instrument :
BNA_F
ClientSampleId :
ICVBF072423

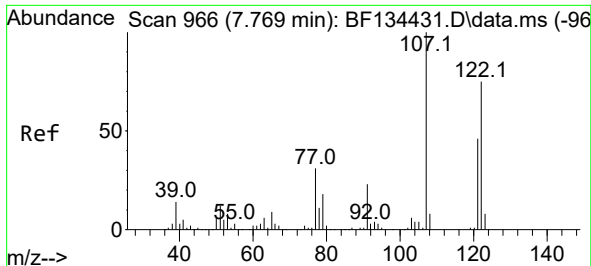
Tgt Ion: 82 Resp: 253233
Ion Ratio Lower Upper
82 100
95 8.1 6.0 9.0
138 18.6 14.6 22.0



#26
2-Nitrophenol
Concen: 40.952 ng
RT: 7.734 min Scan# 960
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion:139 Resp: 70973
Ion Ratio Lower Upper
139 100
109 36.9 29.8 44.6
65 56.9 45.4 68.2





#27

2,4-Dimethylphenol

Concen: 41.429 ng

RT: 7.769 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

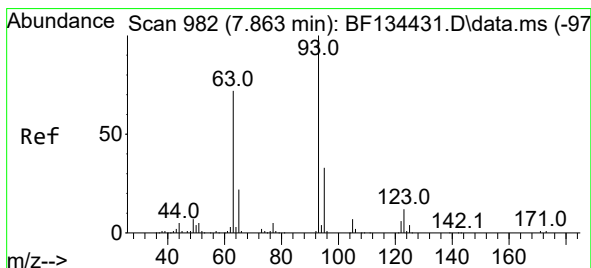
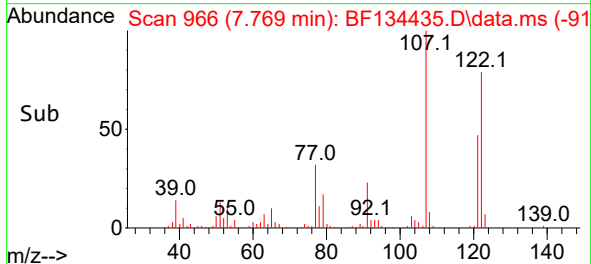
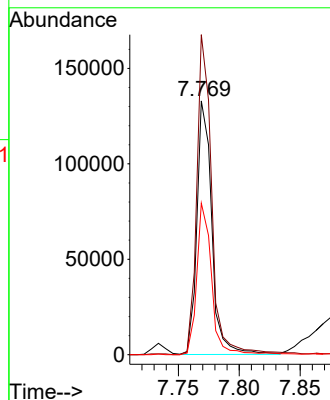
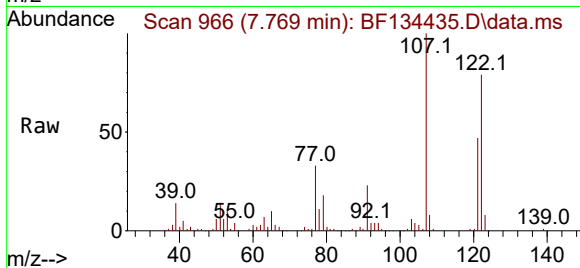
Tgt Ion:122 Resp: 113306

Ion Ratio Lower Upper

122 100

107 126.1 106.7 160.1

121 59.7 49.0 73.6



#28

bis(2-Chloroethoxy)methane

Concen: 40.472 ng

RT: 7.863 min Scan# 982

Delta R.T. 0.000 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

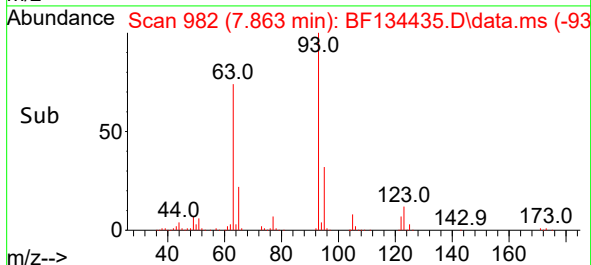
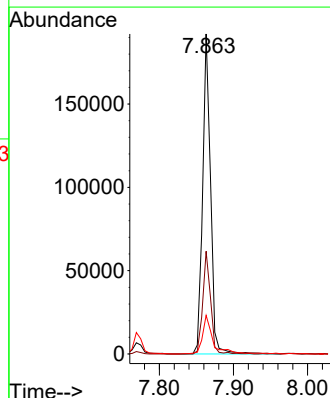
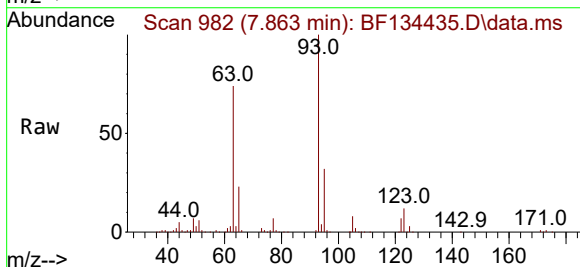
Tgt Ion: 93 Resp: 142251

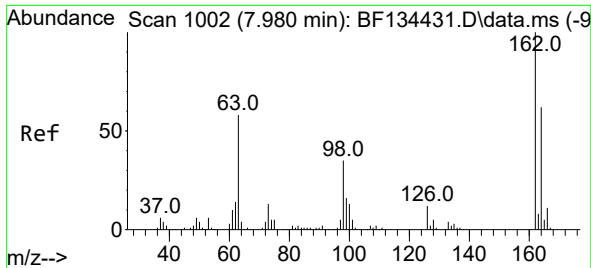
Ion Ratio Lower Upper

93 100

95 32.1 26.5 39.7

123 12.1 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 40.572 ng

RT: 7.975 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

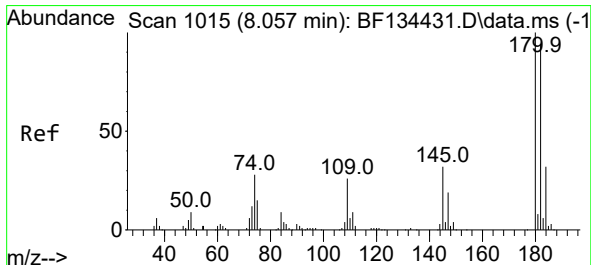
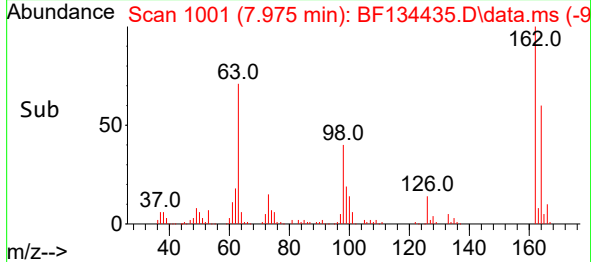
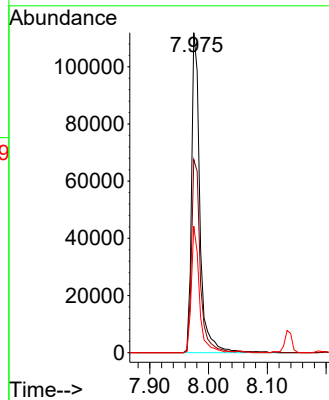
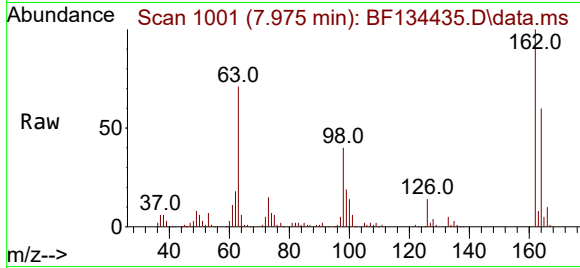
Tgt Ion:162 Resp: 110924

Ion Ratio Lower Upper

162 100

164 60.3 42.2 82.2

98 39.5 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 40.054 ng

RT: 8.057 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

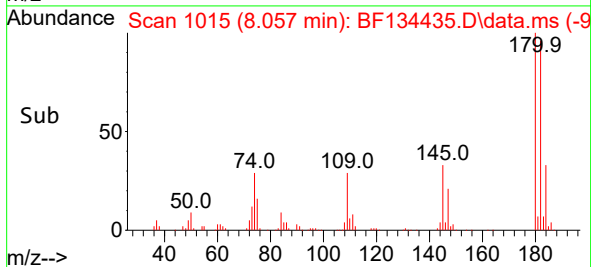
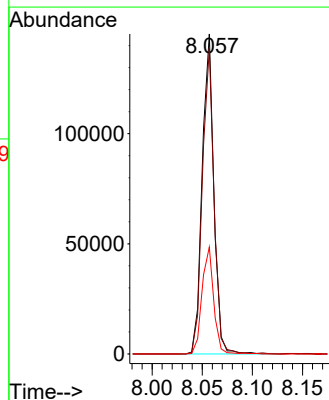
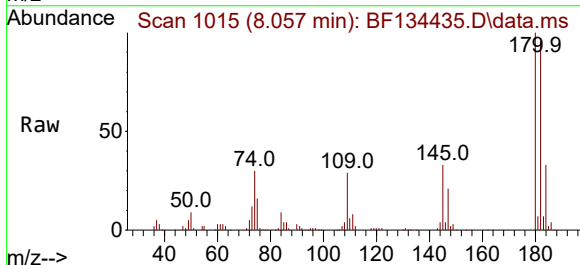
Tgt Ion:180 Resp: 118125

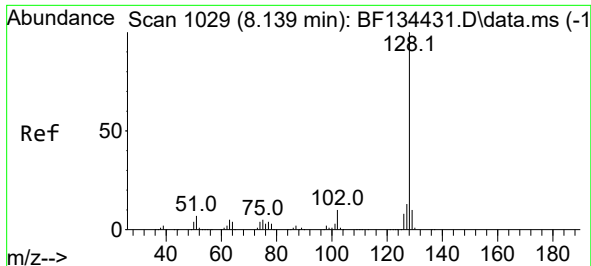
Ion Ratio Lower Upper

180 100

182 95.5 75.0 112.6

145 33.4 25.5 38.3

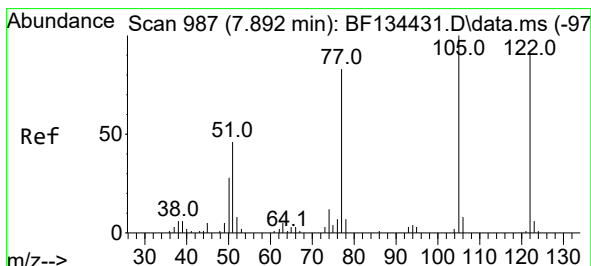
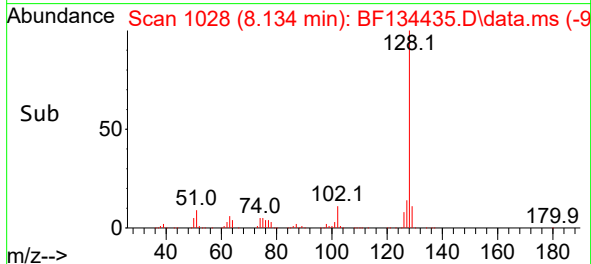
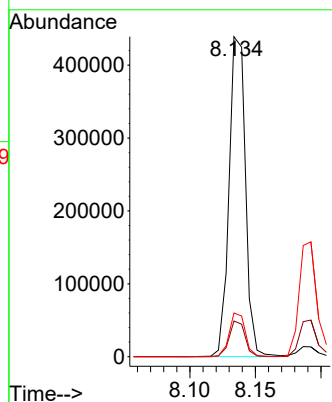
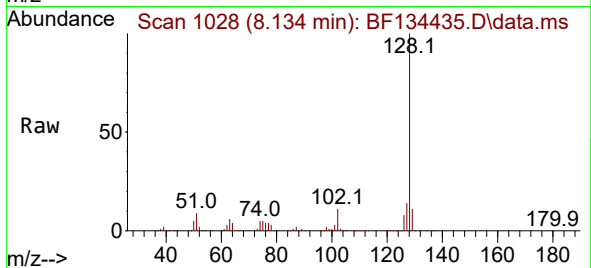




#31
Naphthalene
Concen: 40.147 ng
RT: 8.134 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

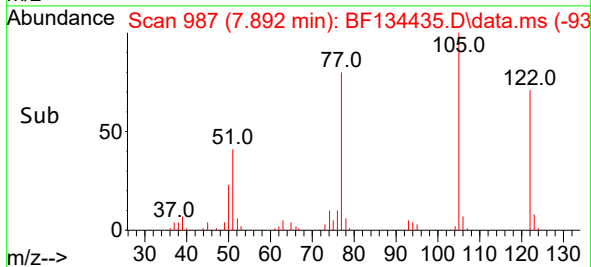
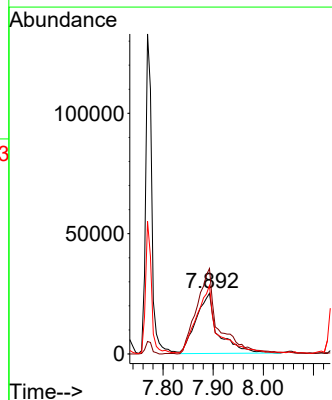
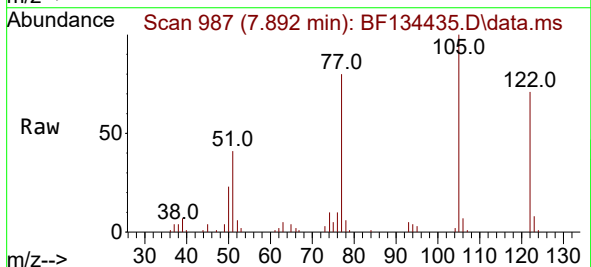
Instrument :
BNA_F
ClientSampleId :
ICVBF072423

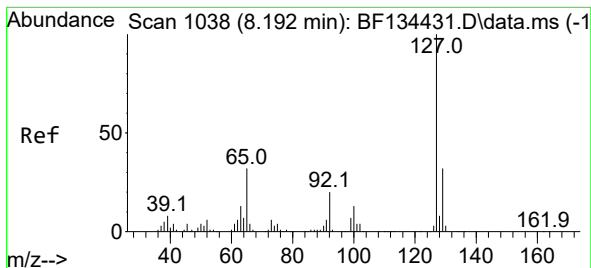
Tgt Ion:128 Resp: 383013
Ion Ratio Lower Upper
128 100
129 11.2 8.4 12.6
127 13.7 10.7 16.1



#32
Benzoic acid
Concen: 41.715 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion:122 Resp: 76207
Ion Ratio Lower Upper
122 100
105 140.8 87.5 127.5#
77 112.9 71.4 111.4#

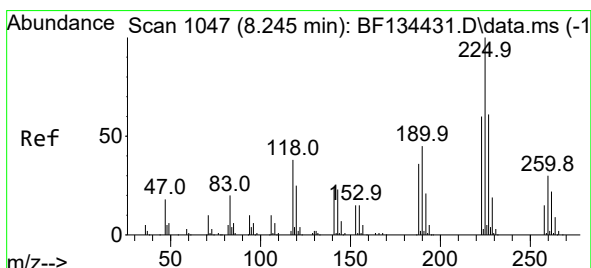
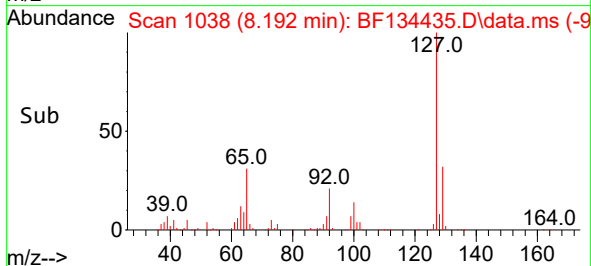
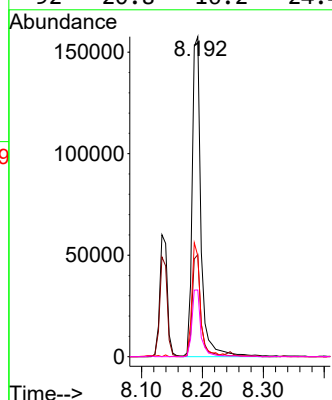
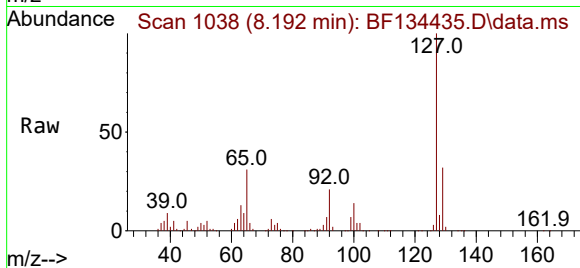




#33
4-Chloroaniline
Concen: 40.558 ng
RT: 8.192 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

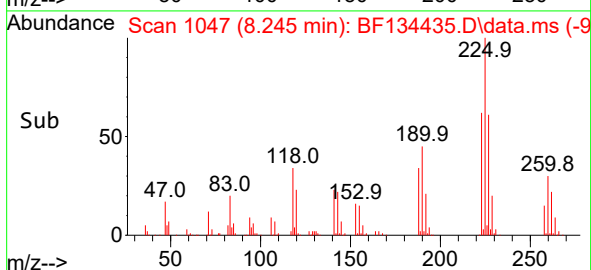
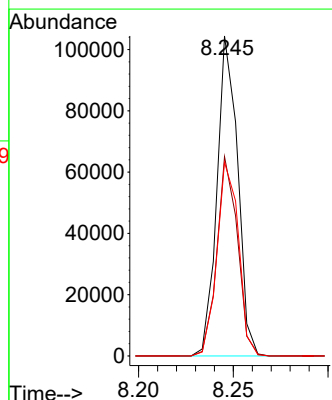
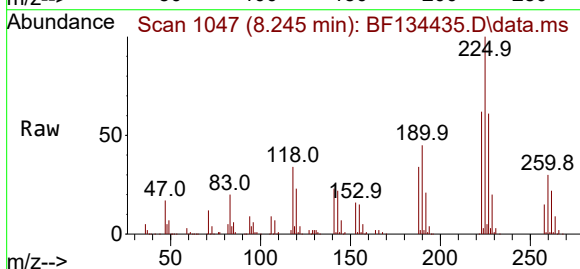
Instrument :
BNA_F
ClientSampleId :
ICVBF072423

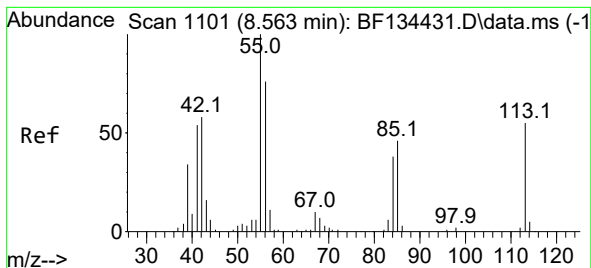
Tgt Ion:	127	Resp:	159941
Ion Ratio	Lower	Upper	
127	100		
129	31.9	25.6	38.4
65	31.5	25.4	38.0
92	20.8	16.2	24.4



#34
Hexachlorobutadiene
Concen: 40.192 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion:	225	Resp:	79406
Ion Ratio	Lower	Upper	
225	100		
223	62.3	48.2	72.4
227	60.5	48.5	72.7





#35

Caprolactam

Concen: 40.785 ng

RT: 8.563 min Scan# 1101

Delta R.T. 0.000 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

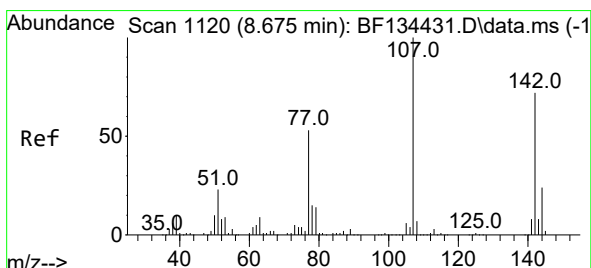
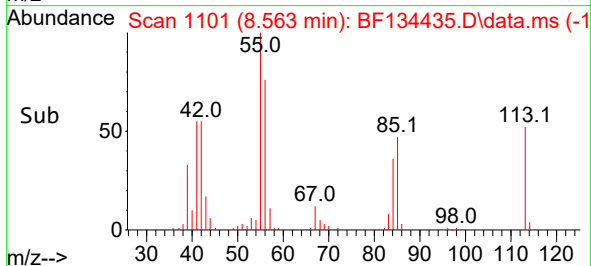
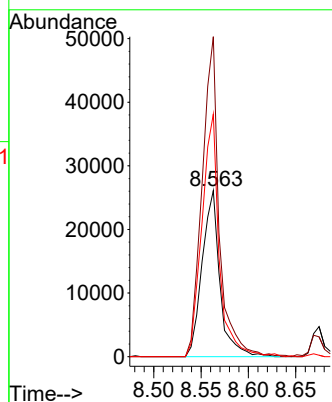
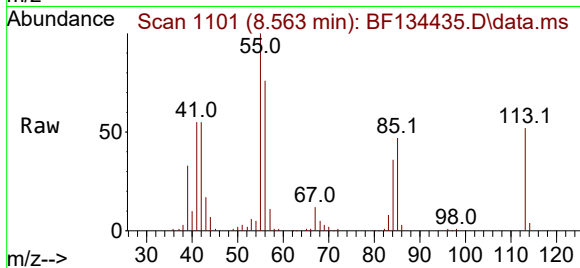
Tgt Ion:113 Resp: 34096

Ion Ratio Lower Upper

113 100

55 192.6 161.5 201.5

56 146.0 117.8 157.8



#36

4-Chloro-3-methylphenol

Concen: 40.350 ng

RT: 8.675 min Scan# 1120

Delta R.T. 0.000 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

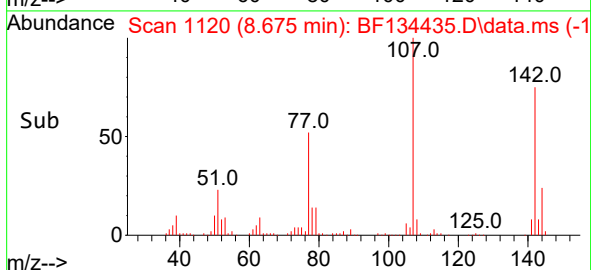
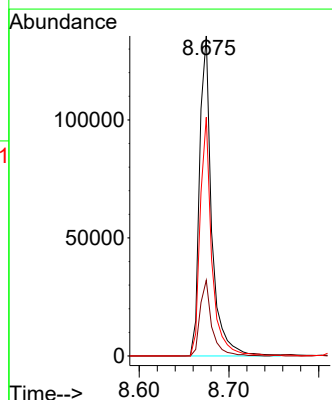
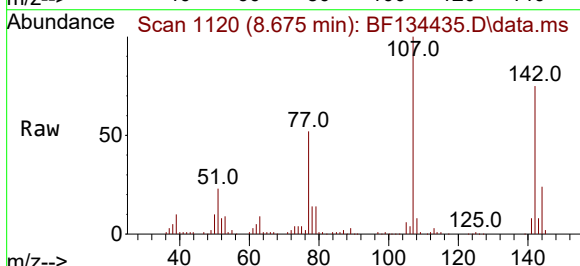
Tgt Ion:107 Resp: 127291

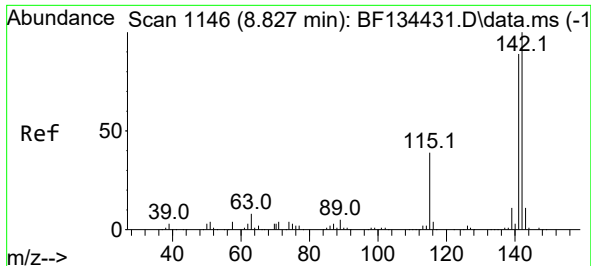
Ion Ratio Lower Upper

107 100

144 23.7 19.6 29.4

142 74.6 57.7 86.5





#37

2-Methylnaphthalene

Concen: 40.005 ng

RT: 8.828 min Scan# 1146

Delta R.T. 0.000 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

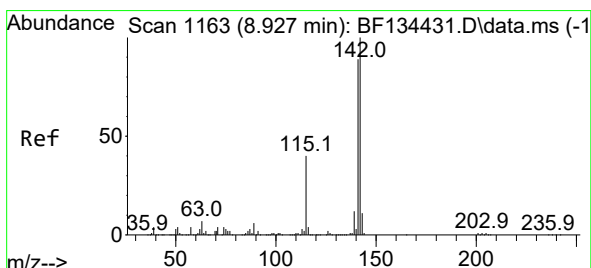
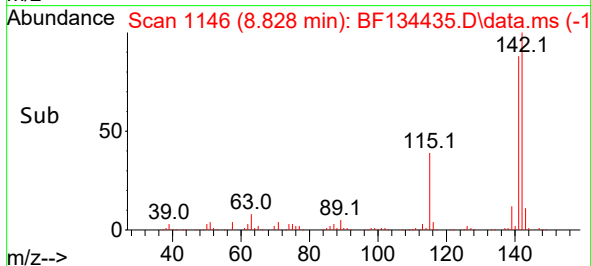
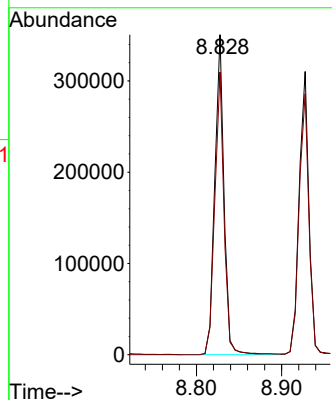
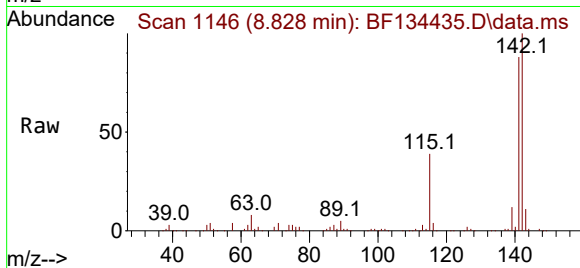
ICVBF072423

Tgt Ion:142 Resp: 265184

Ion Ratio Lower Upper

142 100

141 88.4 70.8 106.2



#38

1-Methylnaphthalene

Concen: 40.115 ng

RT: 8.928 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF134435.D

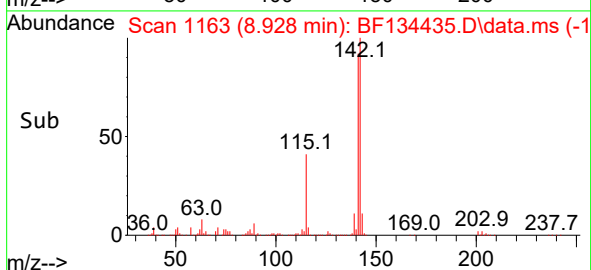
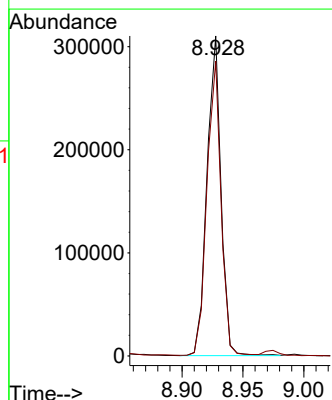
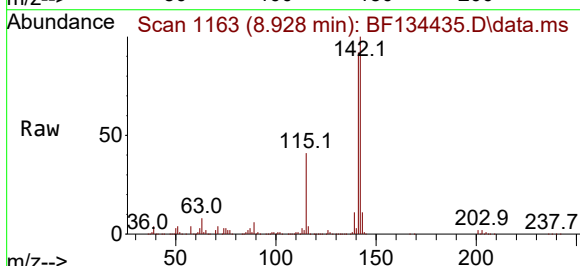
Acq: 24 Jul 2023 18:16

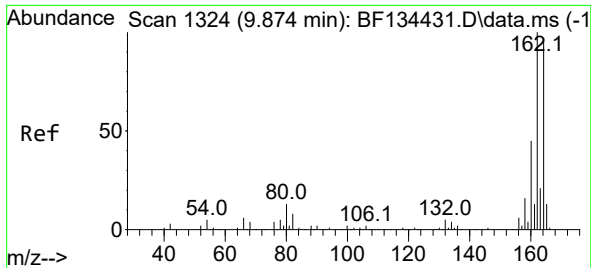
Tgt Ion:142 Resp: 246692

Ion Ratio Lower Upper

142 100

141 92.2 71.4 107.2

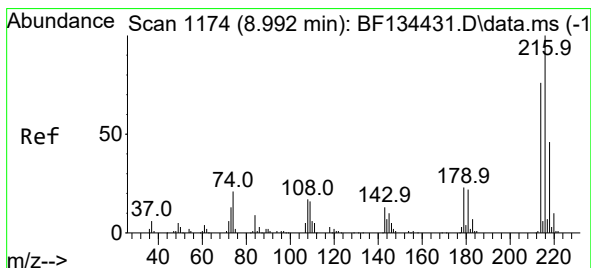
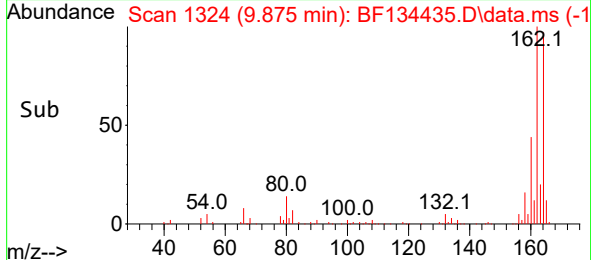
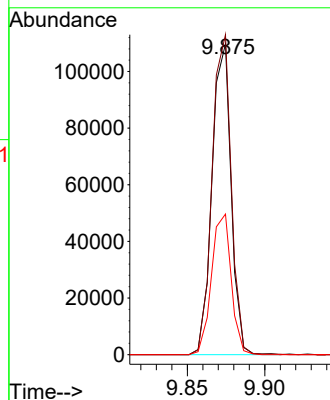
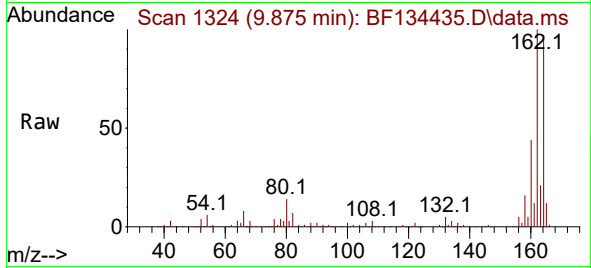




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

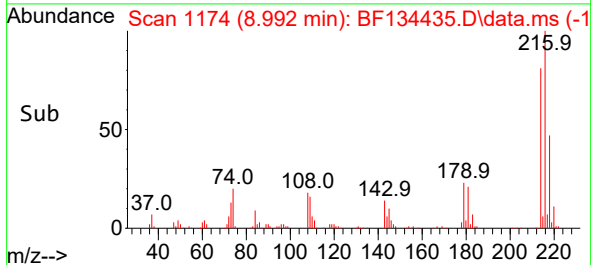
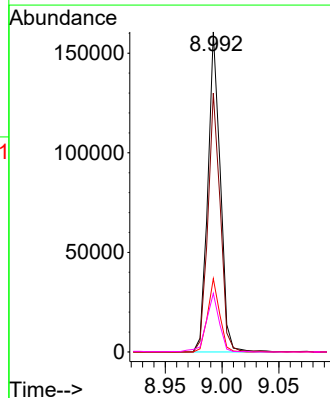
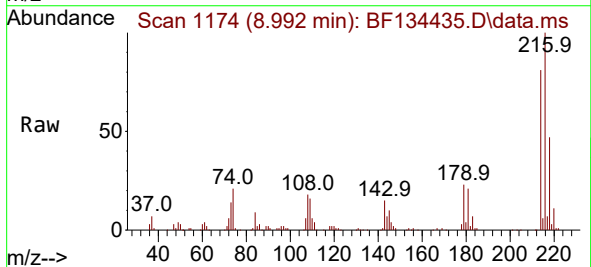
Instrument :
BNA_F
ClientSampleId :
ICVBF072423

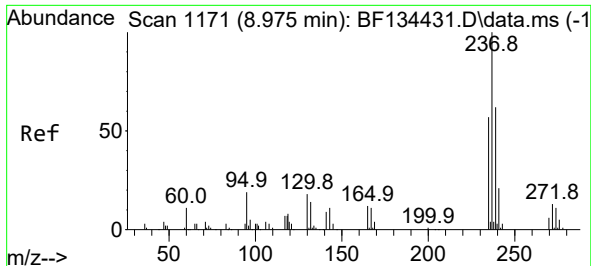
Tgt Ion:164 Resp: 93898
Ion Ratio Lower Upper
164 100
162 103.0 82.6 123.8
160 45.2 37.2 55.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.968 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion:216 Resp: 121906
Ion Ratio Lower Upper
216 100
214 80.2 62.3 93.5
179 21.9 17.4 26.0
108 19.1 14.5 21.7

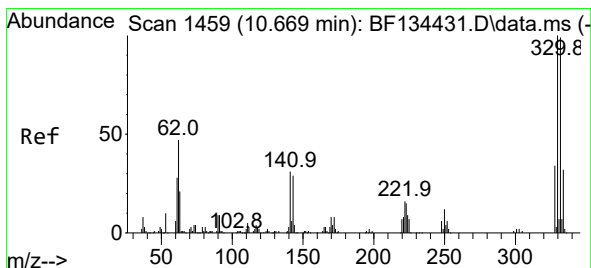
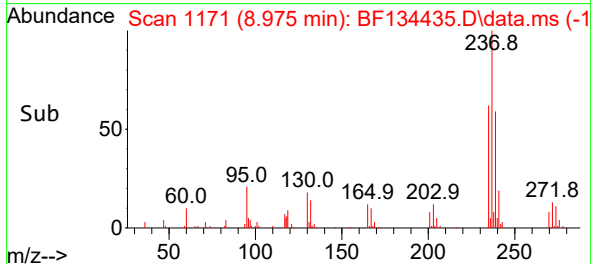
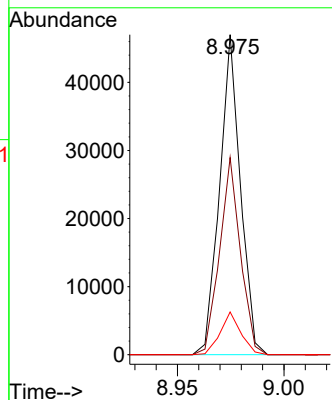
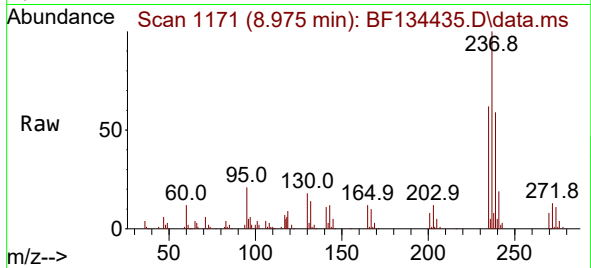




#41
Hexachlorocyclopentadiene
Concen: 41.716 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

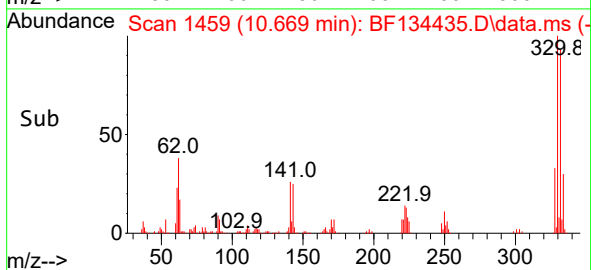
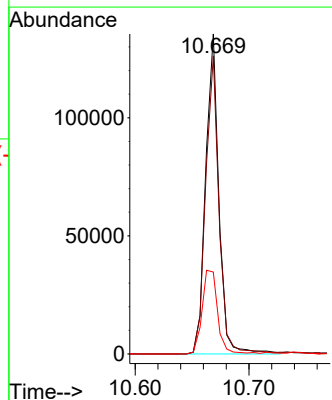
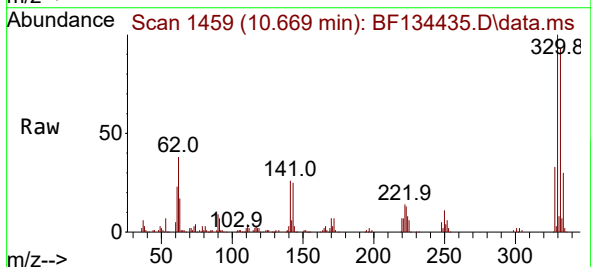
Instrument :
BNA_F
ClientSampleId :
ICVBF072423

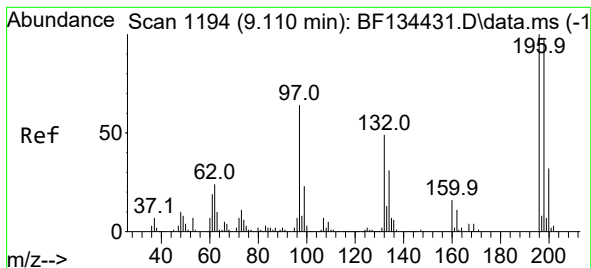
Tgt Ion:237	Resp:	31925
Ion Ratio	Lower	Upper
237	100	
235	61.6	37.0 77.0
272	13.3	0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 82.241 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion:330	Resp:	109719
Ion Ratio	Lower	Upper
330	100	
332	94.2	78.8 118.2
141	30.5	25.4 38.2





#43

2,4,6-Trichlorophenol

Concen: 40.531 ng

RT: 9.110 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

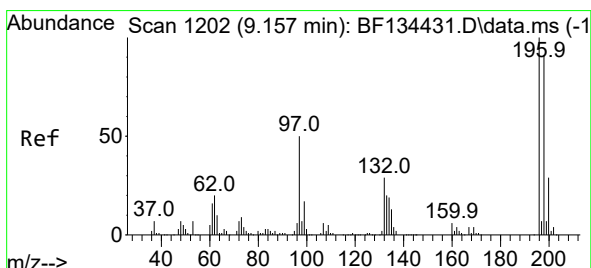
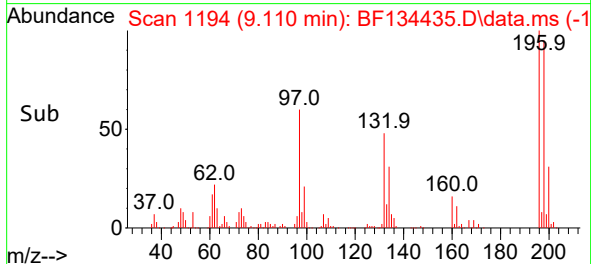
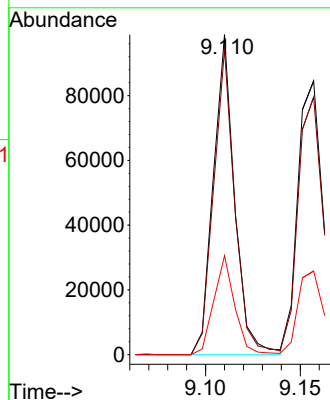
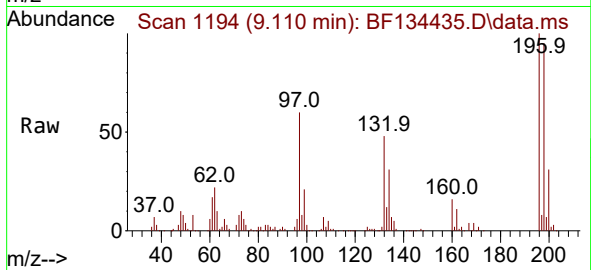
Tgt Ion:196 Resp: 77371

Ion Ratio Lower Upper

196 100

198 95.5 77.4 116.2

200 30.9 25.4 38.2



#44

2,4,5-Trichlorophenol

Concen: 40.214 ng

RT: 9.157 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

Tgt Ion:196 Resp: 89439

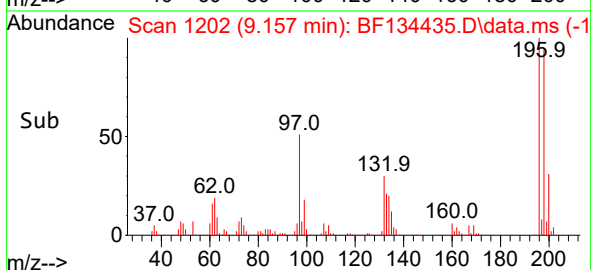
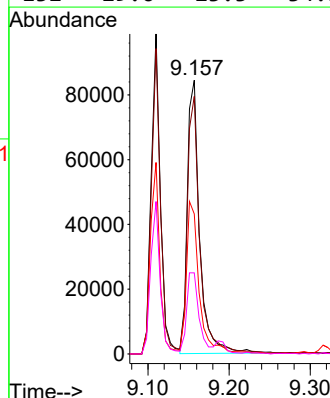
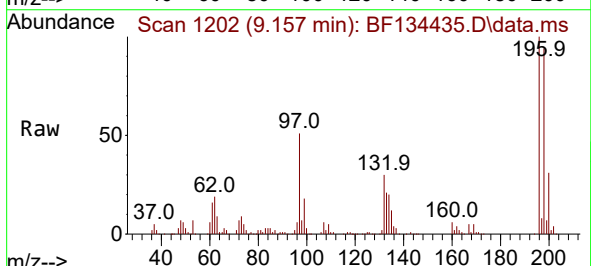
Ion Ratio Lower Upper

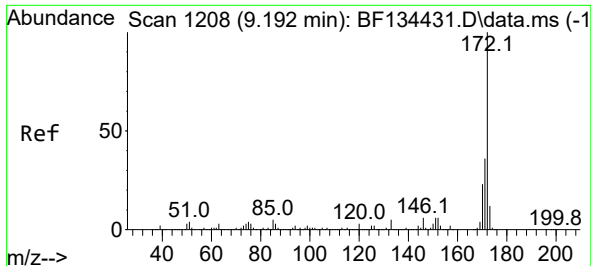
196 100

198 94.1 73.0 109.4

97 51.2 40.8 61.2

132 29.6 23.3 34.9

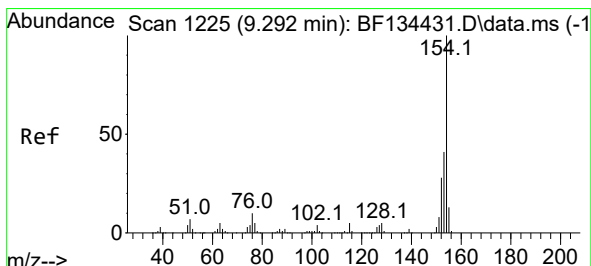
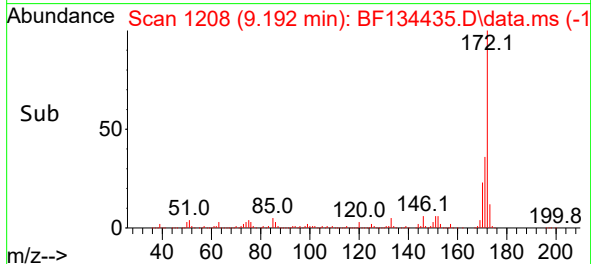
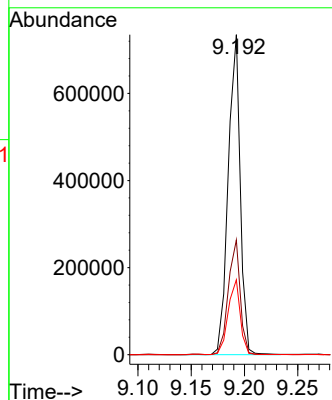
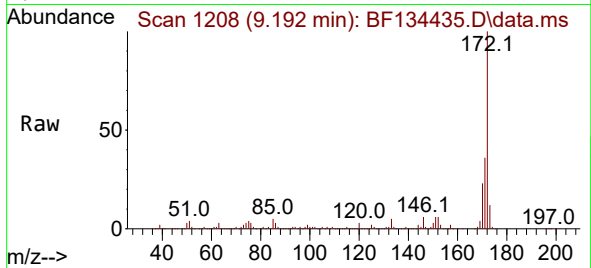




#45
2-Fluorobiphenyl
Concen: 80.759 ng
RT: 9.192 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

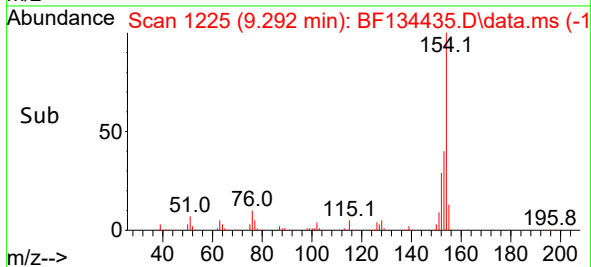
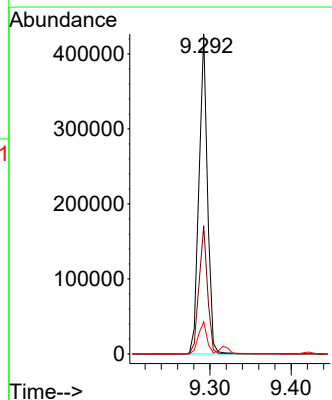
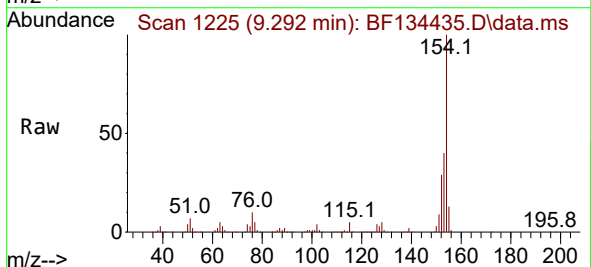
Instrument :
BNA_F
ClientSampleId :
ICVBF072423

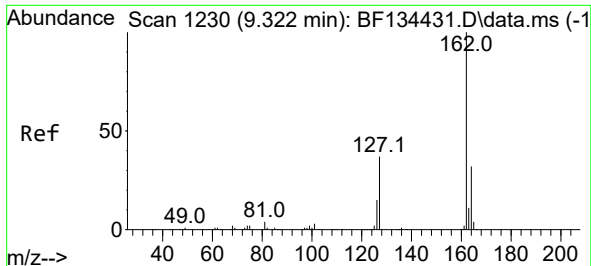
Tgt Ion:172 Resp: 577635
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.4 18.7 28.1



#46
1,1'-Biphenyl
Concen: 40.371 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion:154 Resp: 312434
Ion Ratio Lower Upper
154 100
153 40.0 20.8 60.8
76 10.1 0.0 30.2





#47

2-Chloronaphthalene

Concen: 40.366 ng

RT: 9.316 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

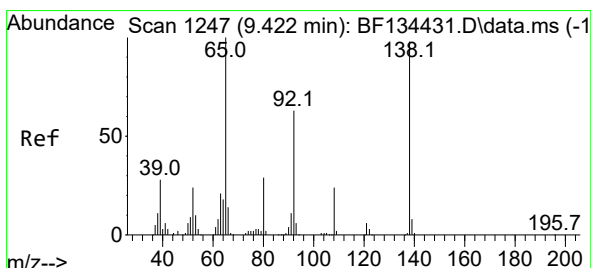
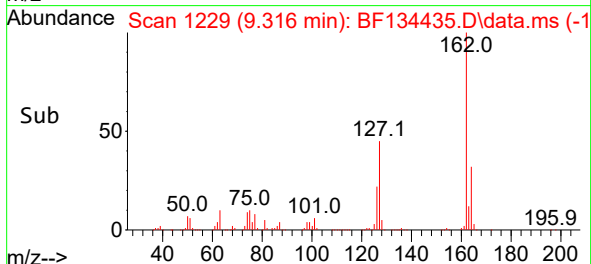
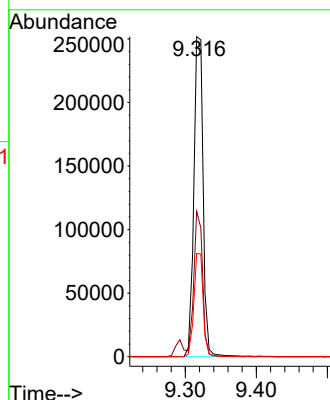
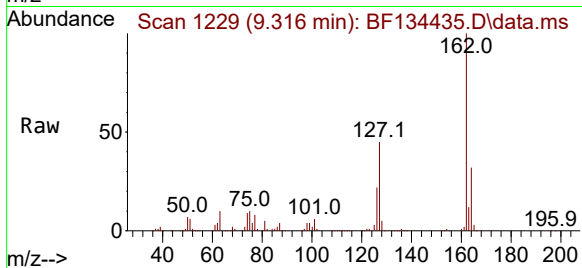
Tgt Ion:162 Resp: 230301

Ion Ratio Lower Upper

162 100

127 45.4 34.0 51.0

164 32.3 25.7 38.5



#48

2-Nitroaniline

Concen: 42.063 ng

RT: 9.422 min Scan# 1247

Delta R.T. 0.000 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

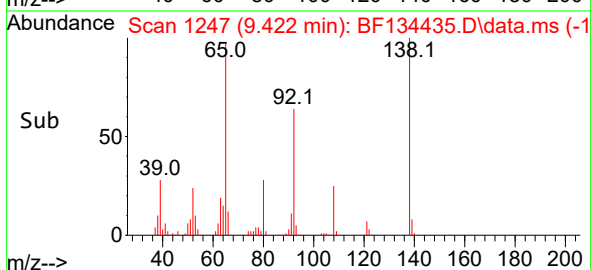
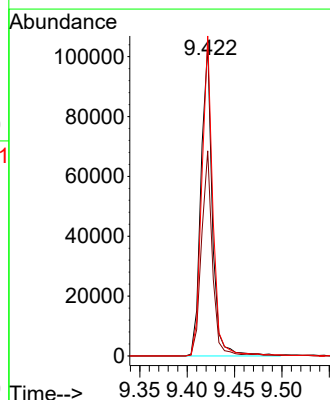
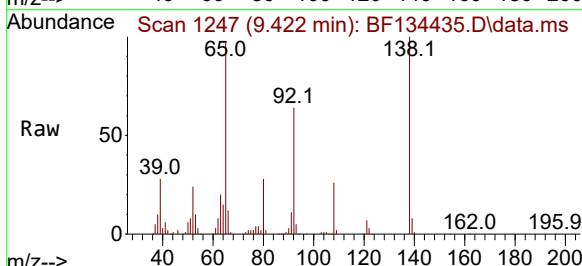
Tgt Ion: 65 Resp: 86430

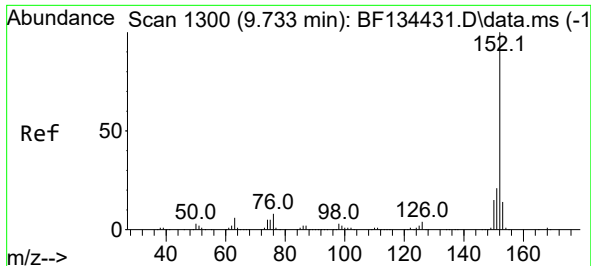
Ion Ratio Lower Upper

65 100

92 66.1 50.7 76.1

138 103.1 78.2 117.4

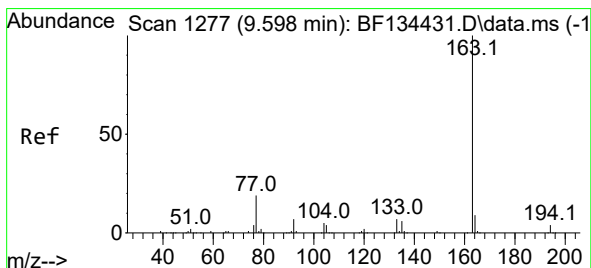
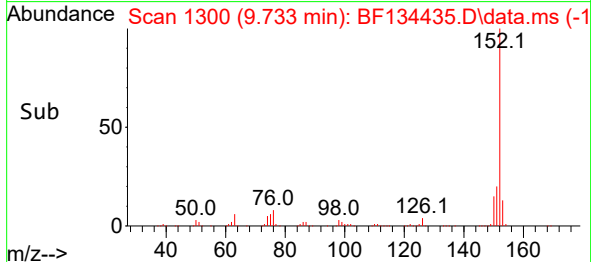
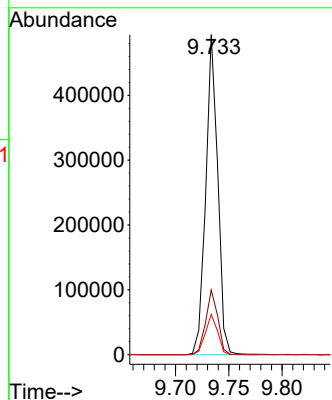
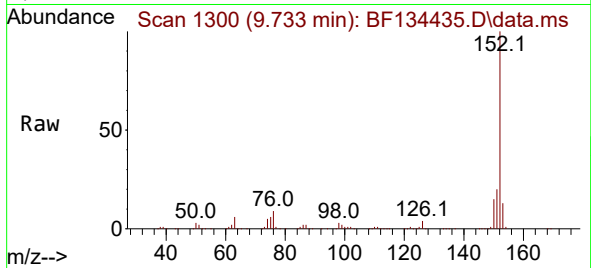




#49
Acenaphthylene
Concen: 40.216 ng
RT: 9.733 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

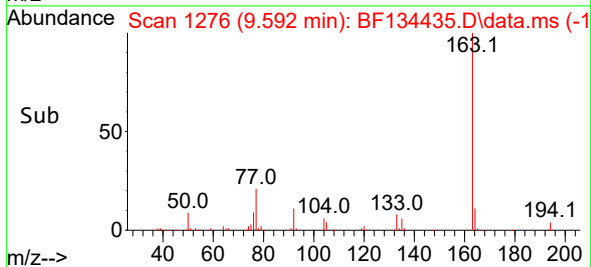
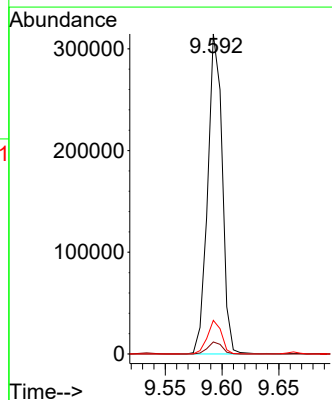
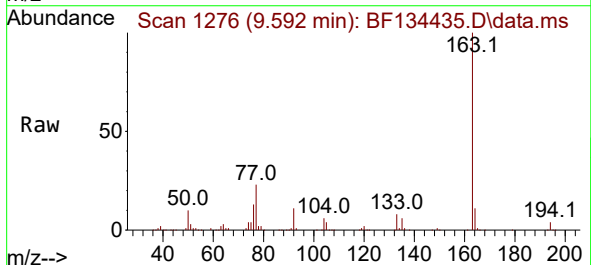
Instrument :
BNA_F
ClientSampleId :
ICVBF072423

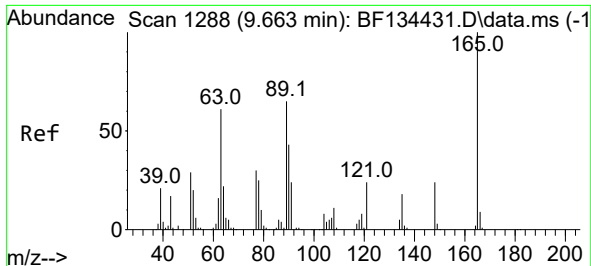
Tgt Ion:152 Resp: 387631
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 12.6 10.9 16.3



#50
Dimethylphthalate
Concen: 40.055 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion:163 Resp: 278812
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.5 7.5 11.3

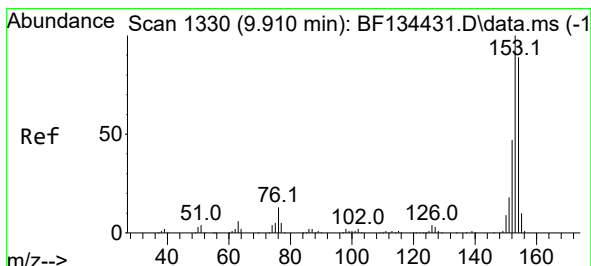
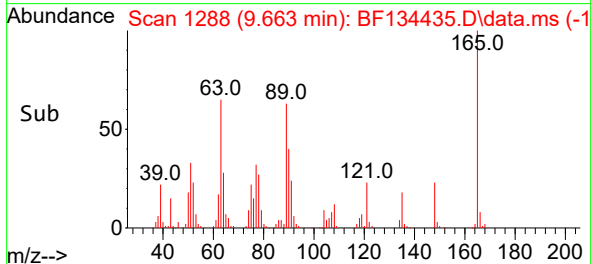
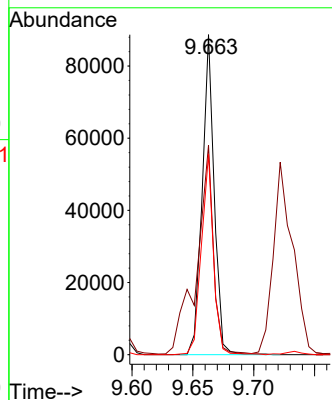
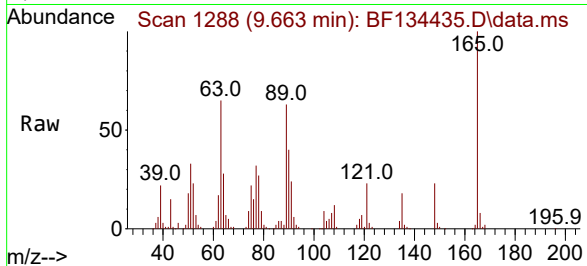




#51
2,6-Dinitrotoluene
Concen: 40.030 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

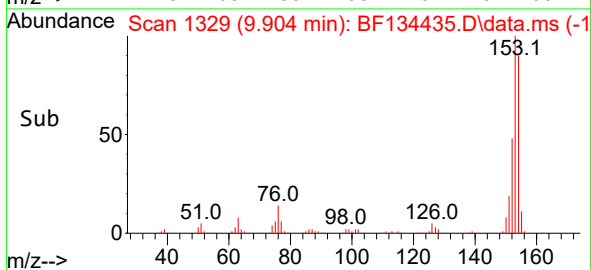
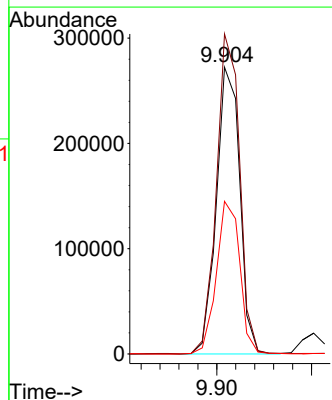
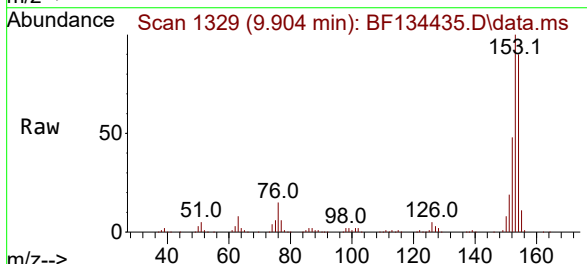
Instrument :
BNA_F
ClientSampleId :
ICVBF072423

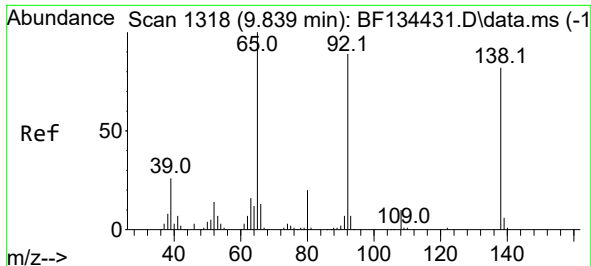
Tgt Ion:165 Resp: 61139
Ion Ratio Lower Upper
165 100
63 65.5 57.8 86.6
89 62.7 51.8 77.8



#52
Acenaphthene
Concen: 41.070 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion:154 Resp: 233847
Ion Ratio Lower Upper
154 100
153 111.6 90.0 135.0
152 53.2 42.4 63.6

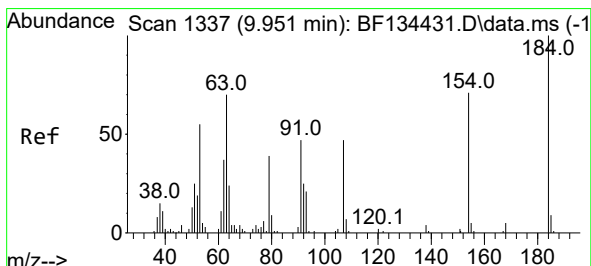
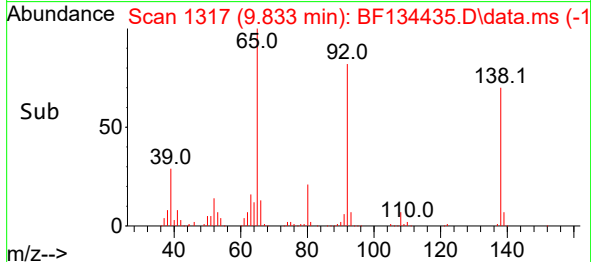
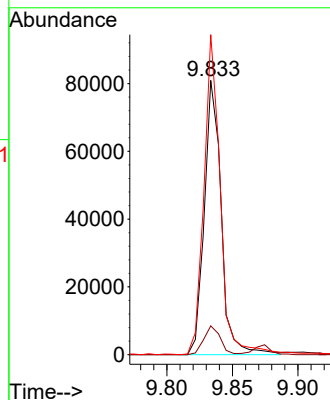
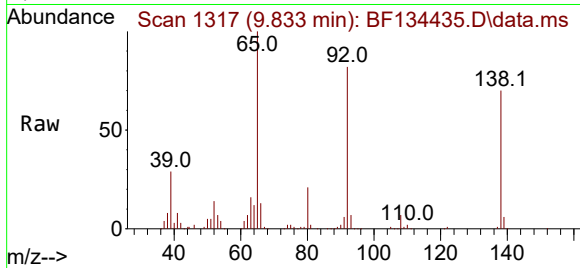




#53
3-Nitroaniline
Concen: 41.598 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

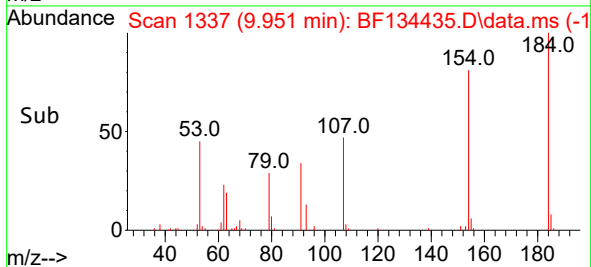
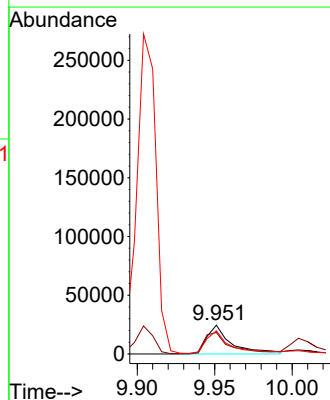
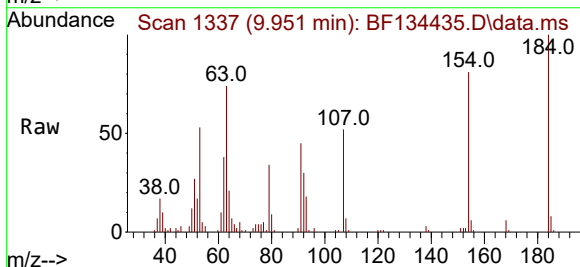
Instrument :
BNA_F
ClientSampleId :
ICVBF072423

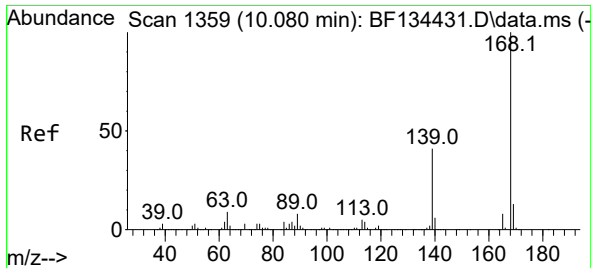
Tgt Ion:138 Resp: 72844
Ion Ratio Lower Upper
138 100
108 10.5 9.3 13.9
92 116.7 86.6 129.8



#54
2,4-Dinitrophenol
Concen: 37.380 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion:184 Resp: 26897
Ion Ratio Lower Upper
184 100
63 74.4 57.1 85.7
154 80.6 59.1 88.7

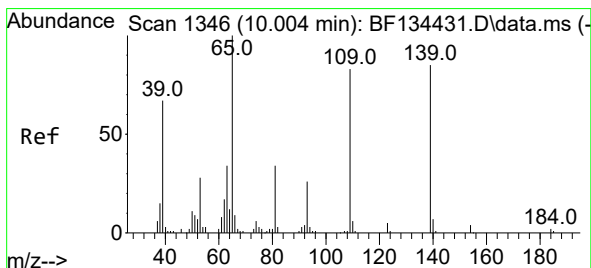
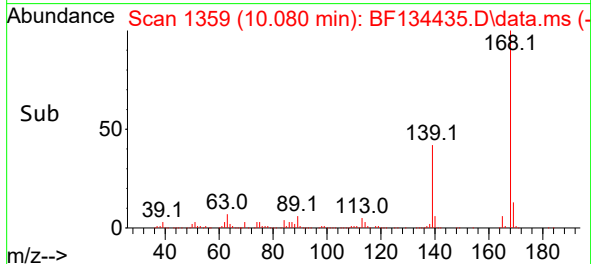
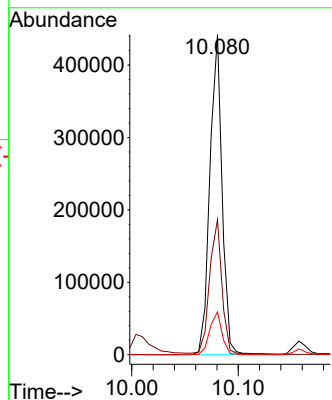
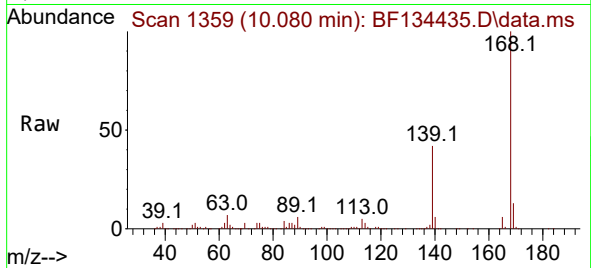




#55
Dibenzenofuran
Concen: 40.272 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

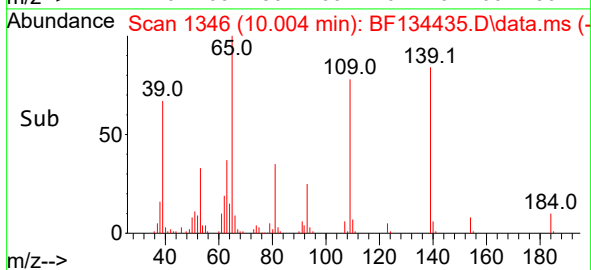
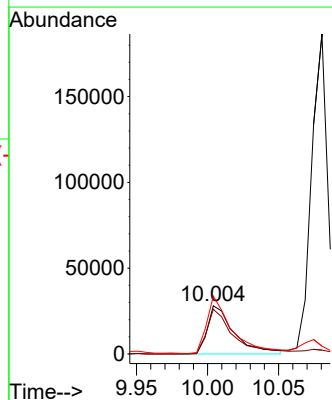
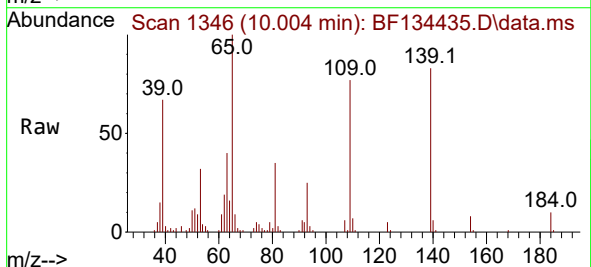
Instrument :
BNA_F
ClientSampleId :
ICVBF072423

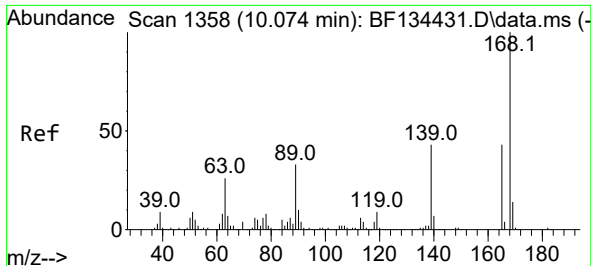
Tgt Ion:168 Resp: 352918
Ion Ratio Lower Upper
168 100
139 42.2 33.4 50.2
169 13.3 10.6 15.8



#56
4-Nitrophenol
Concen: 39.250 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion:139 Resp: 36653
Ion Ratio Lower Upper
139 100
109 92.8 76.9 116.9
65 120.0 98.5 138.5

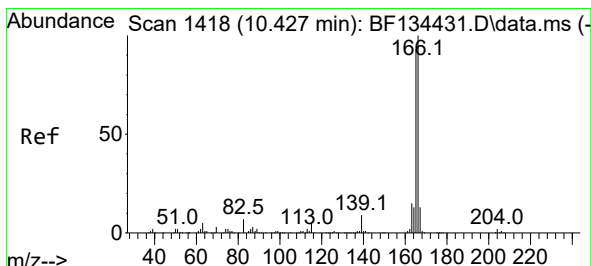
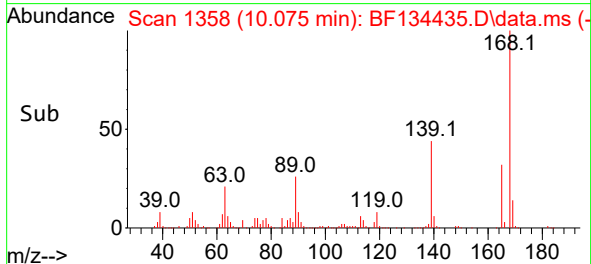
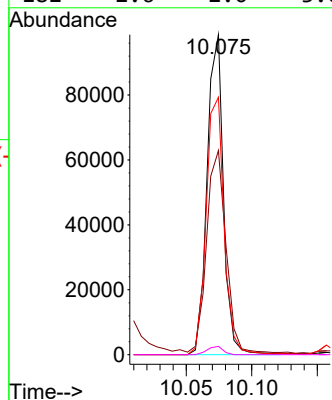
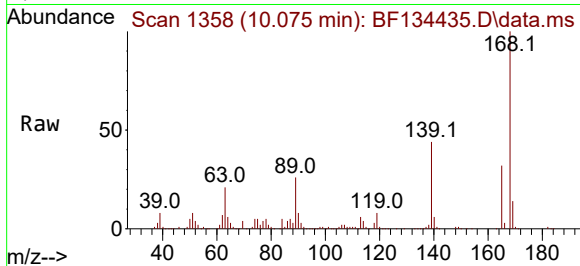




#57
2,4-Dinitrotoluene
Concen: 41.664 ng
RT: 10.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

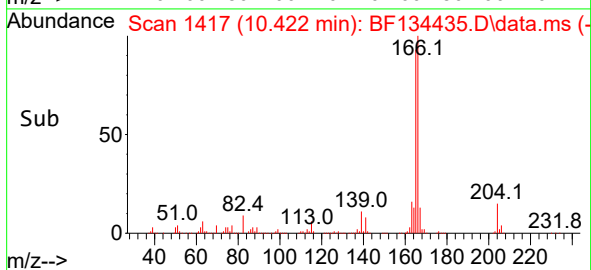
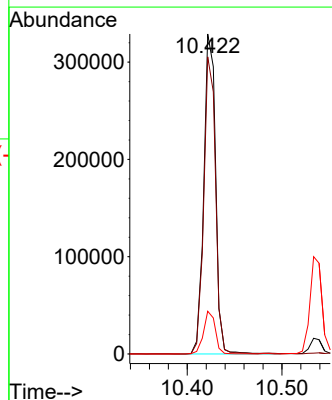
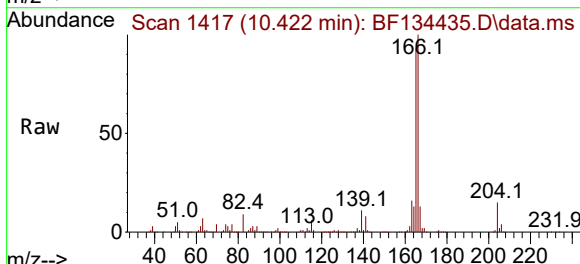
Instrument :
BNA_F
ClientSampleId :
ICVBF072423

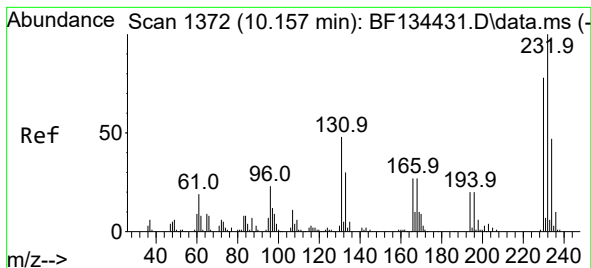
Tgt Ion:165 Resp: 85471
Ion Ratio Lower Upper
165 100
63 63.8 48.9 73.3
89 80.5 61.7 92.5
182 2.6 2.0 3.0



#58
Fluorene
Concen: 40.390 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.005 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion:166 Resp: 285543
Ion Ratio Lower Upper
166 100
165 92.8 74.5 111.7
167 13.3 10.6 16.0



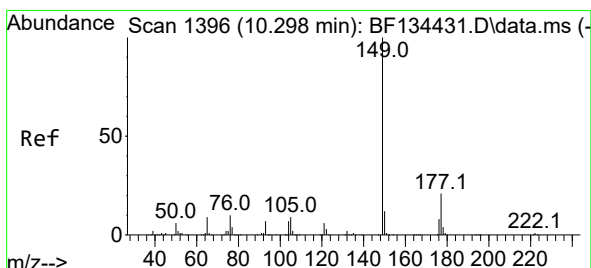
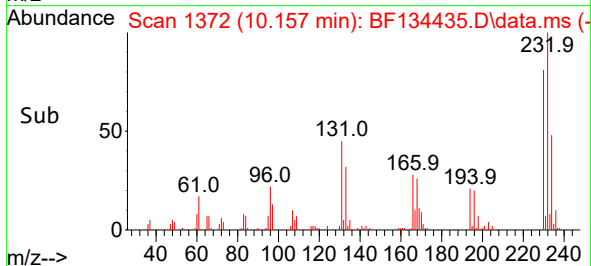
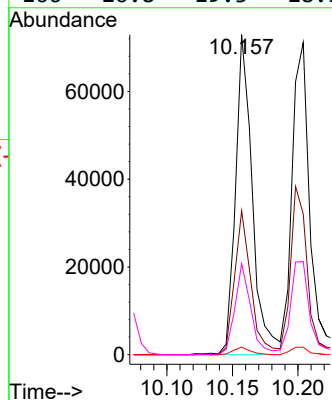
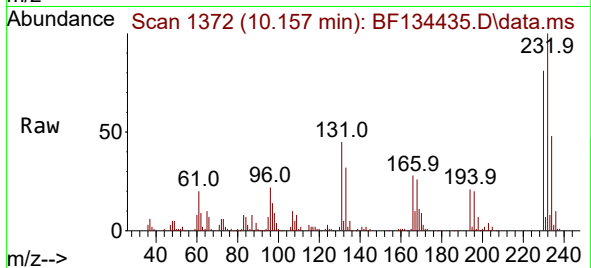


#59
2,3,4,6-Tetrachlorophenol
Concen: 38.300 ng
RT: 10.157 min Scan# 11
Delta R.T. -0.047 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Instrument :
BNA_F
ClientSampleId :
ICVBF072423

Tgt Ion:232 Resp: 65445

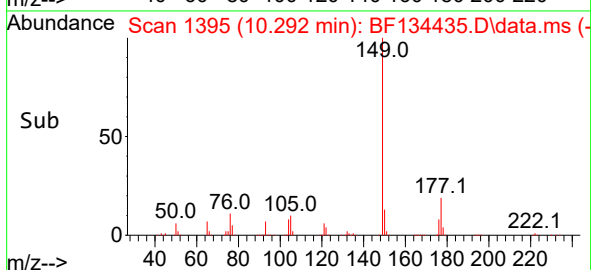
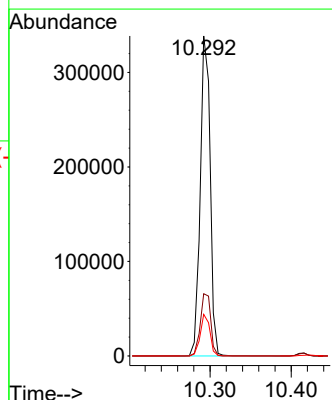
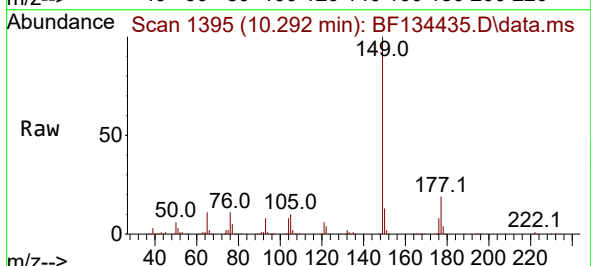
Ion	Ratio	Lower	Upper
232	100		
131	44.2	33.4	50.0
130	2.3	1.8	2.6
166	26.8	19.3	28.9

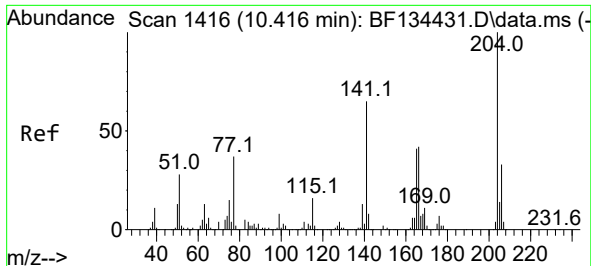


#60
Diethylphthalate
Concen: 40.064 ng
RT: 10.292 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion:149 Resp: 288724

Ion	Ratio	Lower	Upper
149	100		
177	19.4	17.0	25.4
150	13.0	9.9	14.9

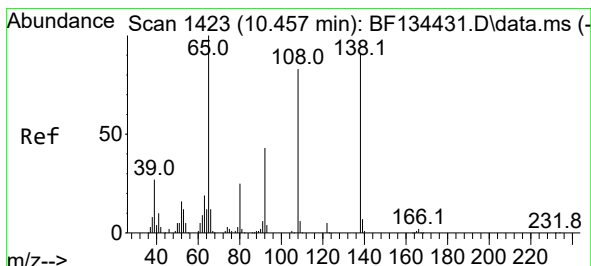
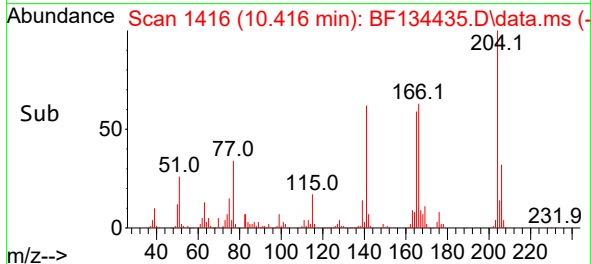
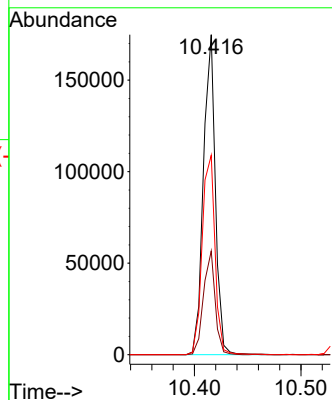
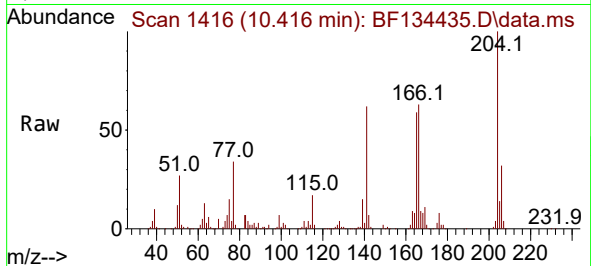




#61
4-Chlorophenyl-phenylether
Concen: 40.476 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

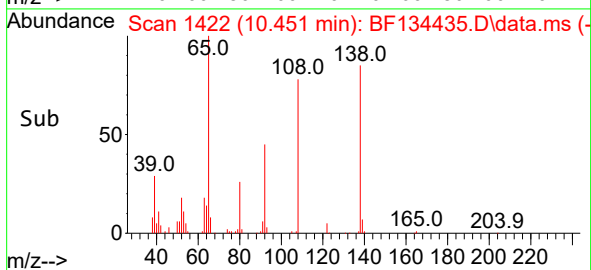
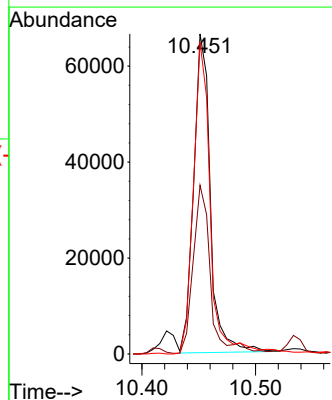
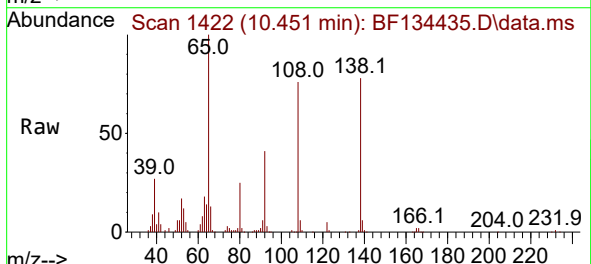
Instrument :
BNA_F
ClientSampleId :
ICVBF072423

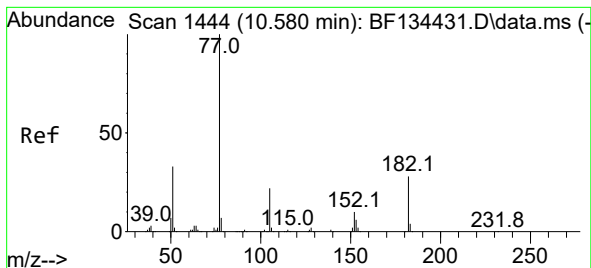
Tgt Ion:204 Resp: 136697
Ion Ratio Lower Upper
204 100
206 32.4 26.0 39.0
141 62.3 52.2 78.4



#62
4-Nitroaniline
Concen: 37.847 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion:138 Resp: 67996
Ion Ratio Lower Upper
138 100
92 52.7 27.0 67.0
108 97.4 70.4 110.4





#63

Azobenzene

Concen: 40.522 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.006 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

Tgt Ion: 77 Resp: 268799

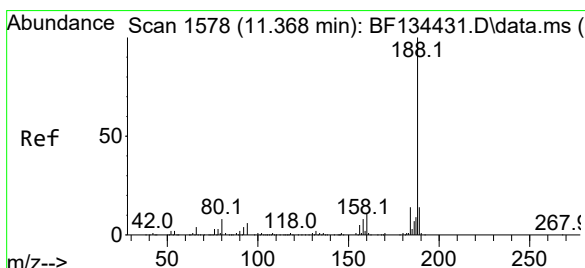
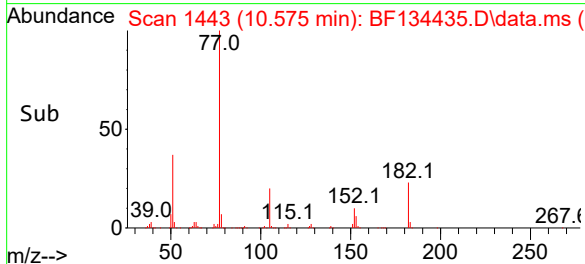
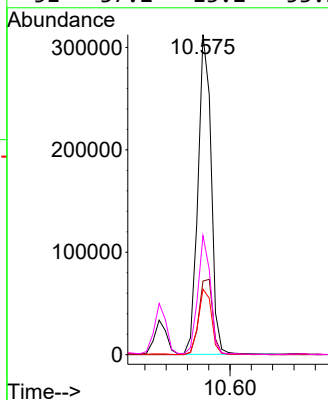
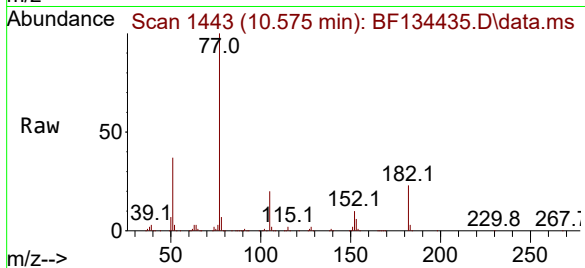
Ion Ratio Lower Upper

77 100

182 23.0 7.5 47.5

105 20.5 1.9 41.9

51 37.2 13.2 53.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

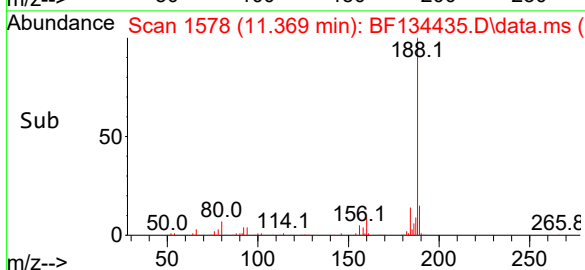
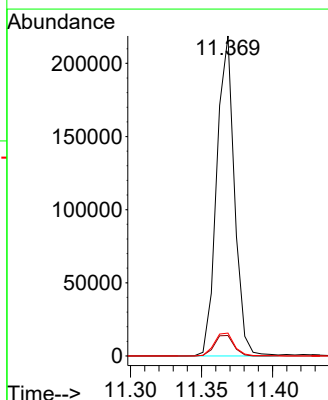
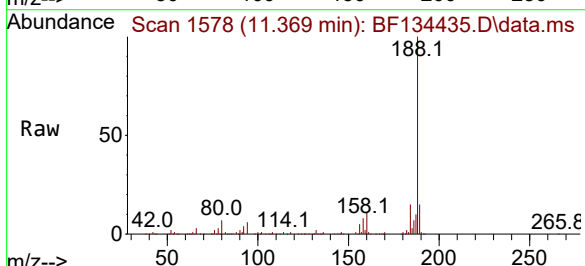
Tgt Ion: 188 Resp: 189337

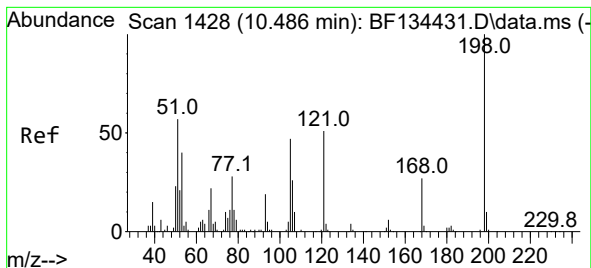
Ion Ratio Lower Upper

188 100

94 6.4 5.1 7.7

80 7.2 6.6 9.8

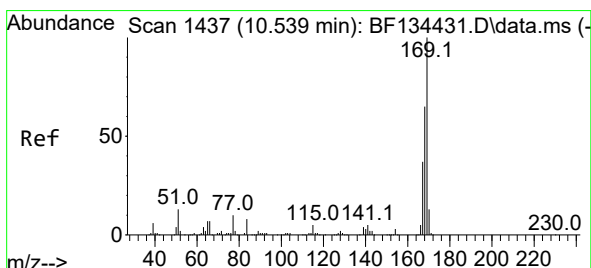
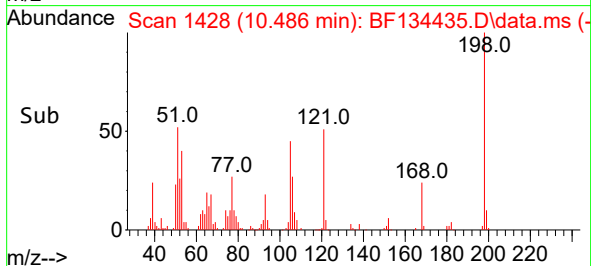
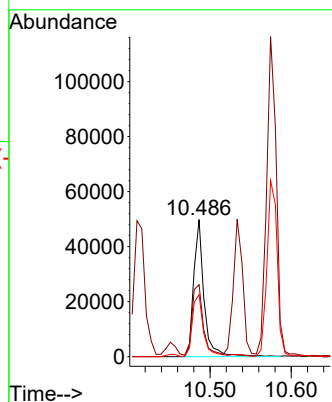
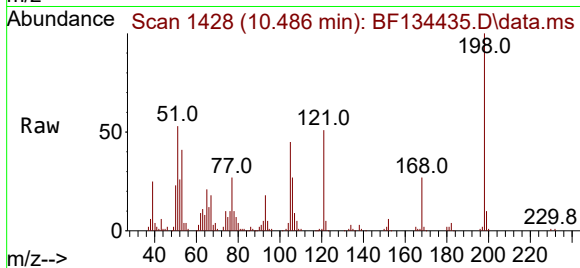




#65
4,6-Dinitro-2-methylphenol
Concen: 40.807 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

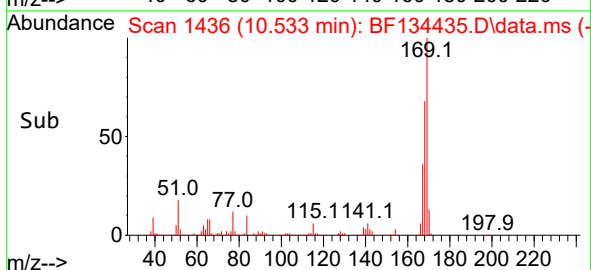
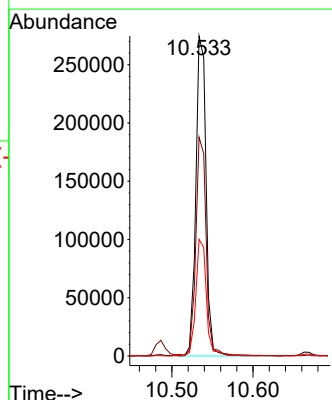
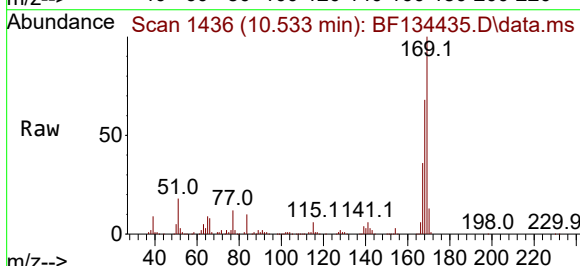
Instrument :
BNA_F
ClientSampleId :
ICVBF072423

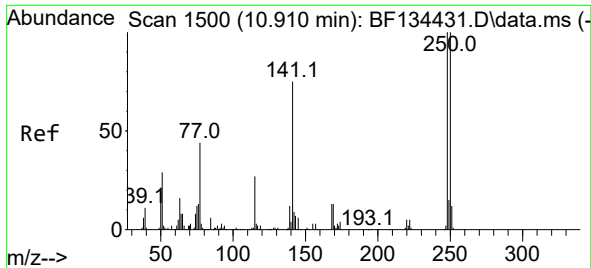
Tgt Ion:198 Resp: 44320
Ion Ratio Lower Upper
198 100
51 52.6 38.6 78.6
105 45.3 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 40.214 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion:169 Resp: 242240
Ion Ratio Lower Upper
169 100
168 68.4 52.6 78.8
167 36.4 29.8 44.8

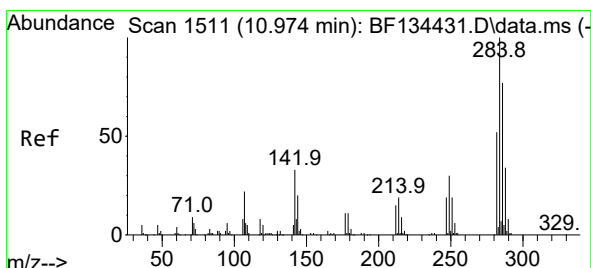
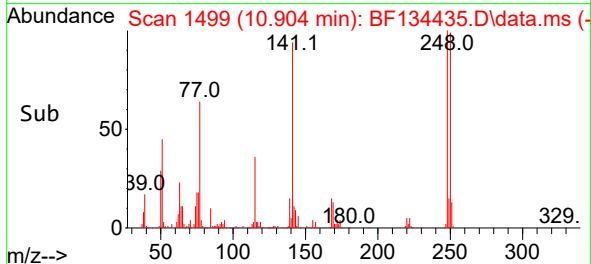
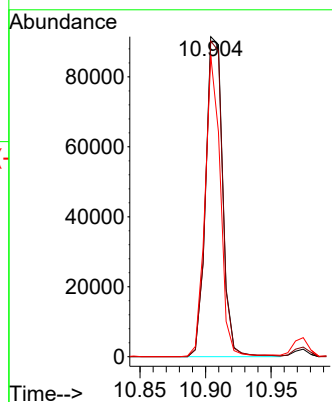
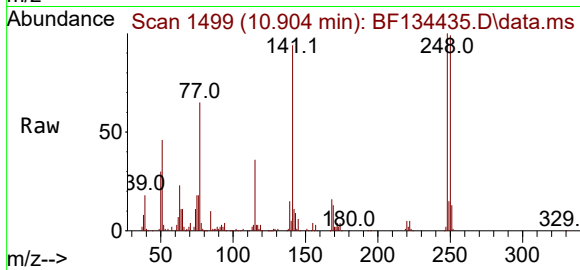




#67
4-Bromophenyl-phenylether
Concen: 39.890 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

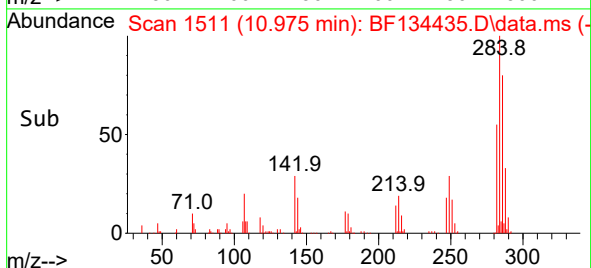
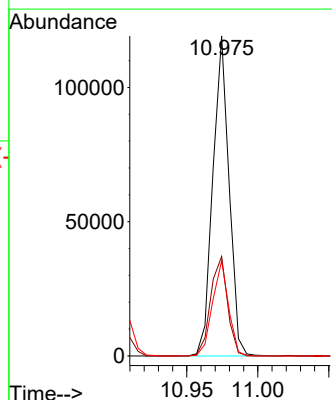
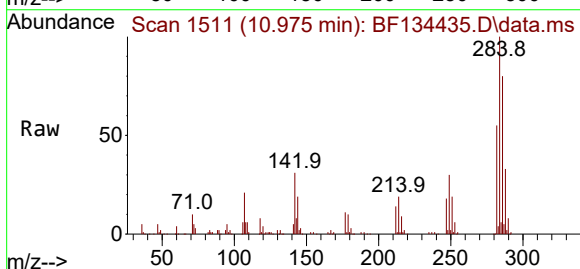
Instrument :
BNA_F
ClientSampleId :
ICVBF072423

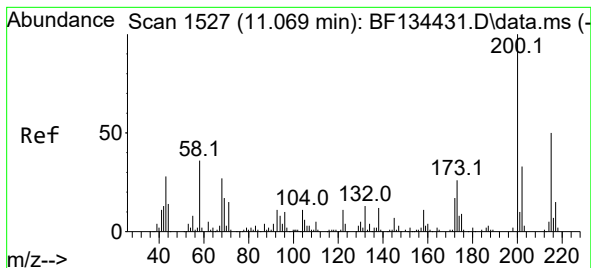
Tgt Ion:248 Resp: 82750
Ion Ratio Lower Upper
248 100
250 98.7 79.6 119.4
141 94.1 59.6 89.4#



#68
Hexachlorobenzene
Concen: 40.380 ng
RT: 10.975 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion:284 Resp: 94329
Ion Ratio Lower Upper
284 100
142 31.1 26.5 39.7
249 29.8 23.8 35.8





#69

Atrazine

Concen: 41.716 ng

RT: 11.063 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

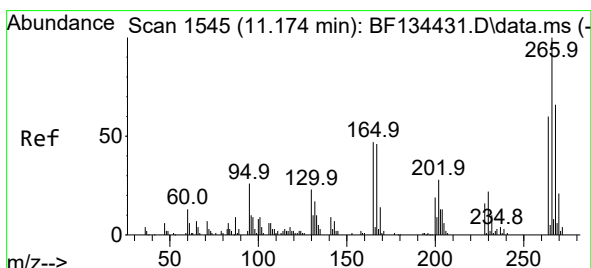
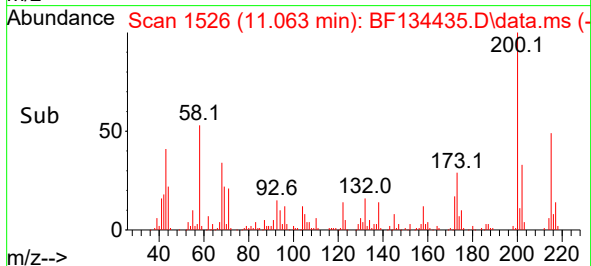
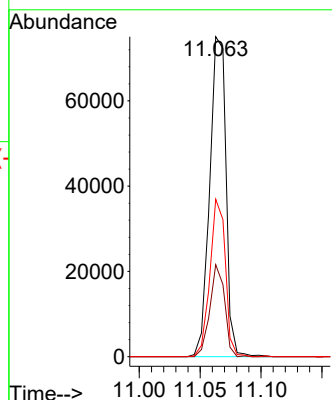
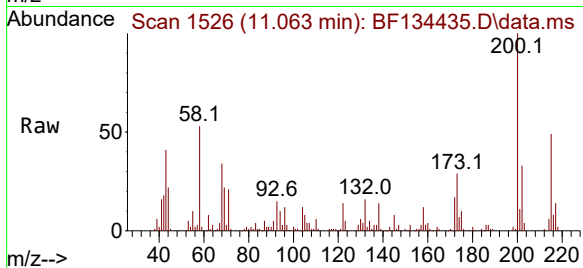
Tgt Ion:200 Resp: 70061

Ion Ratio Lower Upper

200 100

173 28.8 6.1 46.1

215 49.2 29.7 69.7



#70

Pentachlorophenol

Concen: 40.604 ng

RT: 11.175 min Scan# 1545

Delta R.T. 0.001 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

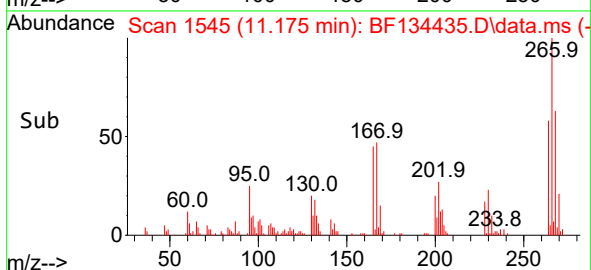
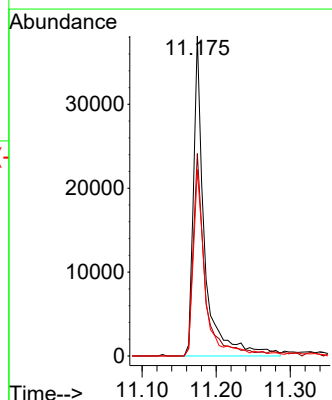
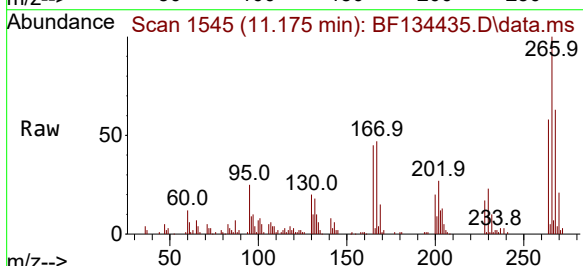
Tgt Ion:266 Resp: 39806

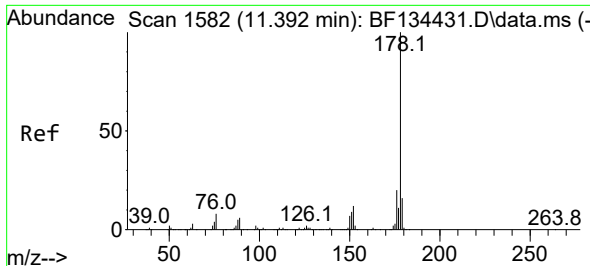
Ion Ratio Lower Upper

266 100

268 63.3 52.9 79.3

264 58.3 47.8 71.6

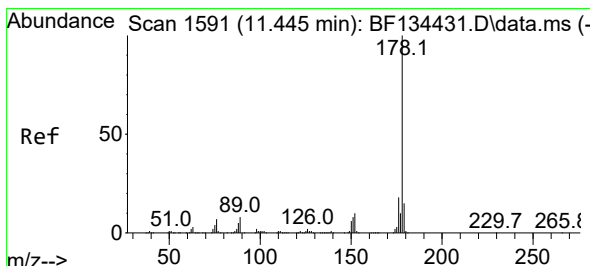
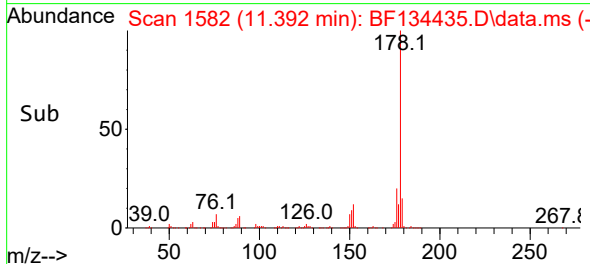
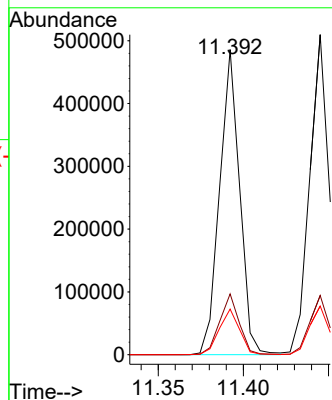
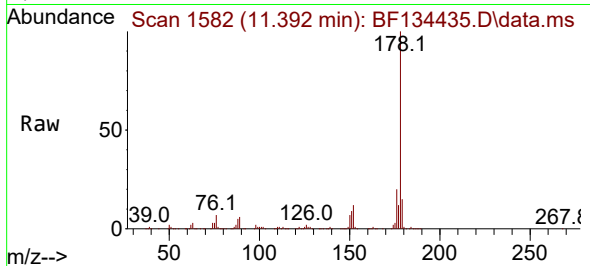




#71
Phenanthrene
Concen: 40.194 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

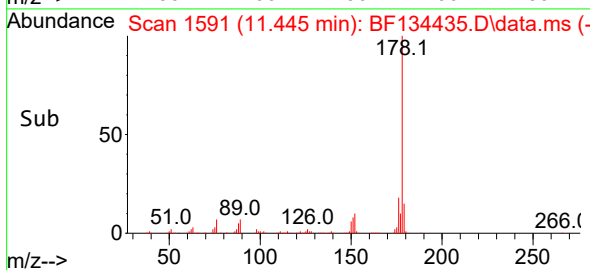
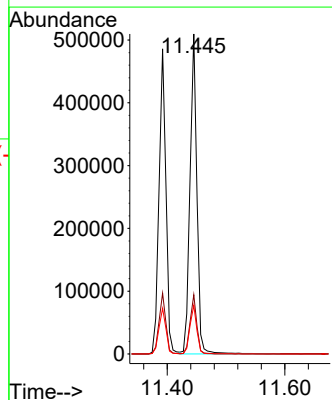
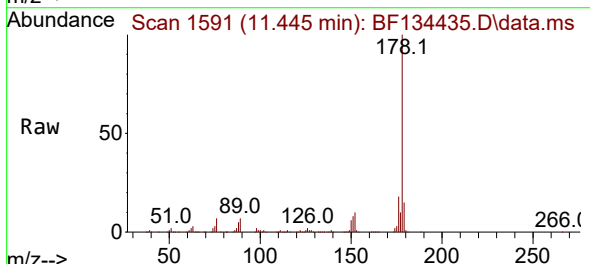
Instrument :
BNA_F
ClientSampleId :
ICVBF072423

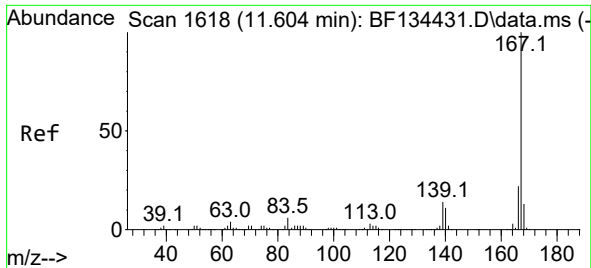
Tgt Ion:178 Resp: 397618
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 14.9 12.7 19.1



#72
Anthracene
Concen: 40.715 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion:178 Resp: 415714
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.2 12.3 18.5

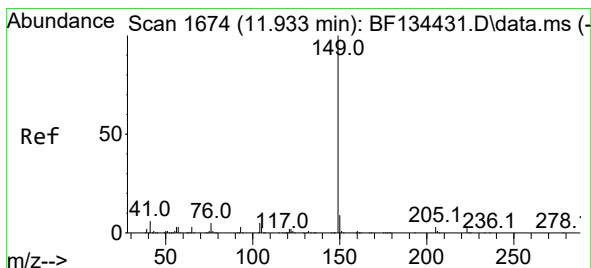
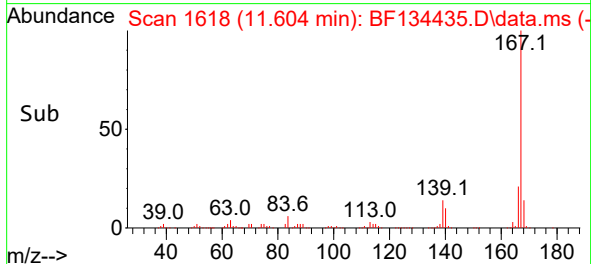
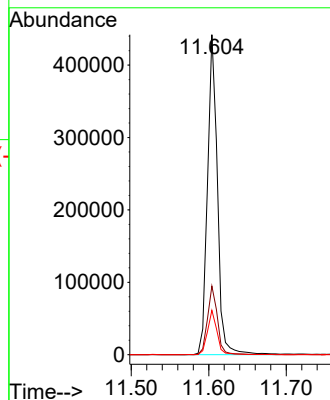
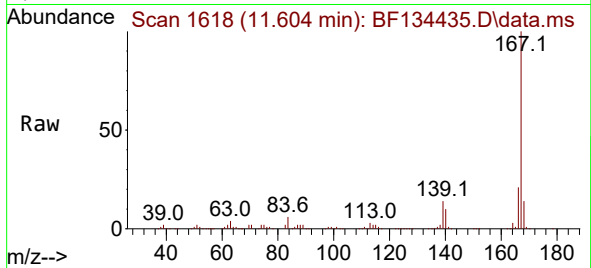




#73
 Carbazole
 Concen: 40.918 ng
 RT: 11.604 min Scan# 1618
 Delta R.T. 0.000 min
 Lab File: BF134435.D
 Acq: 24 Jul 2023 18:16

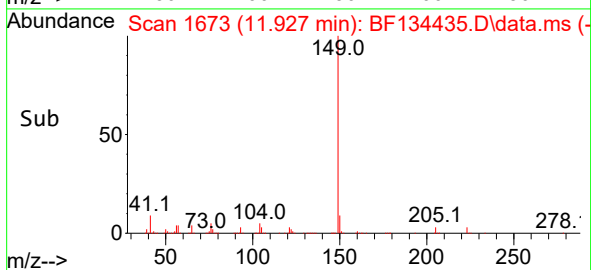
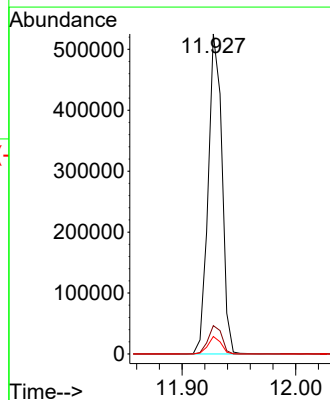
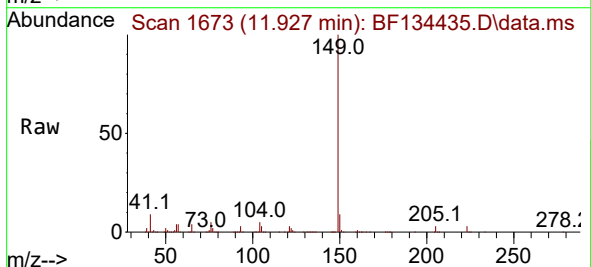
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072423

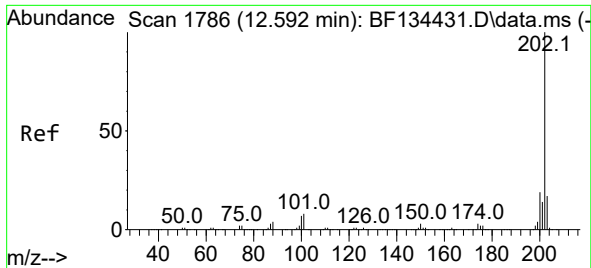
Tgt Ion:167 Resp: 393414
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.5 26.3
 139 13.9 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 39.947 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. -0.006 min
 Lab File: BF134435.D
 Acq: 24 Jul 2023 18:16

Tgt Ion:149 Resp: 440899
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.2 10.8
 104 5.5 3.8 5.8

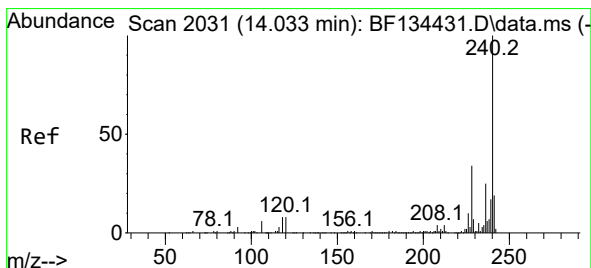
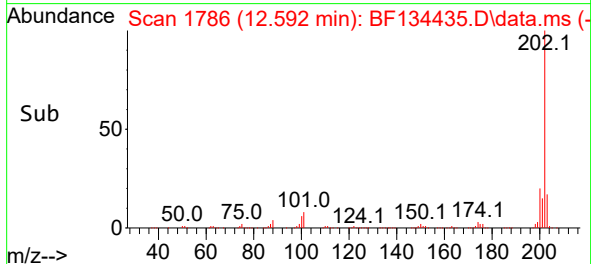
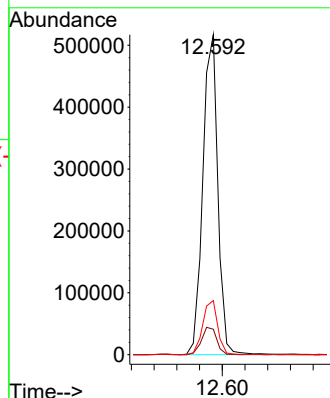
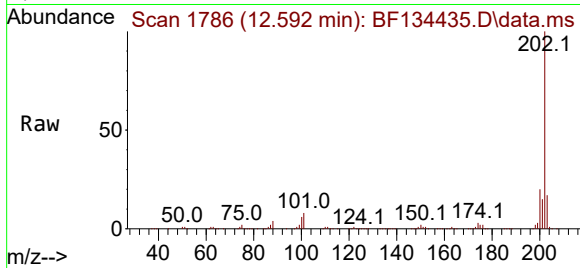




#75
Fluoranthene
Concen: 40.955 ng
RT: 12.592 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

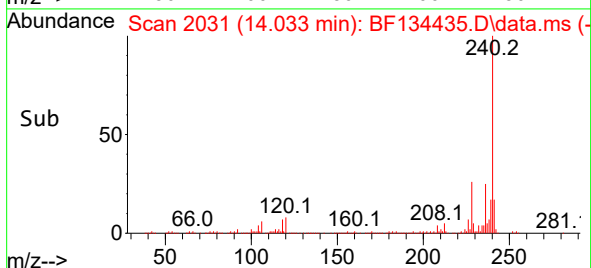
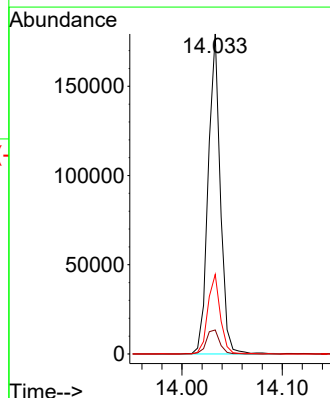
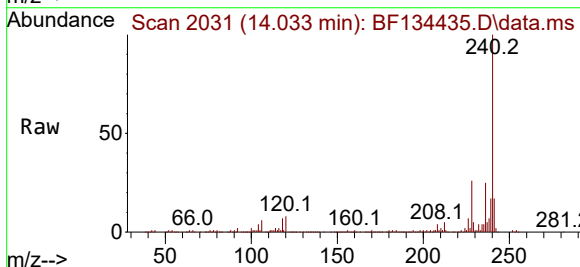
Instrument :
BNA_F
ClientSampleId :
ICVBF072423

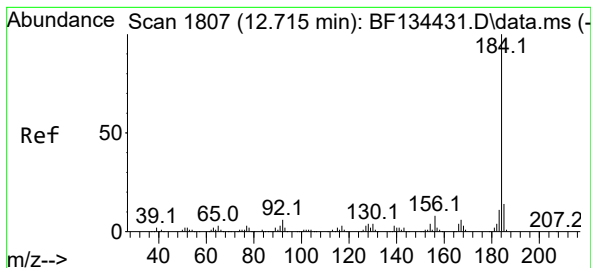
Tgt Ion:202 Resp: 472182
Ion Ratio Lower Upper
202 100
101 7.9 0.0 28.5
203 16.9 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion:240 Resp: 150677
Ion Ratio Lower Upper
240 100
120 7.5 6.6 10.0
236 24.8 20.2 30.2





#77

Benzidine

Concen: 38.592 ng

RT: 12.716 min Scan# 1807

Delta R.T. 0.001 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

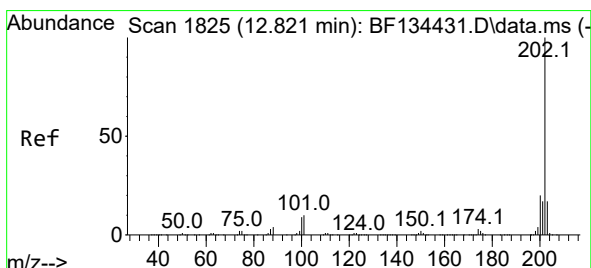
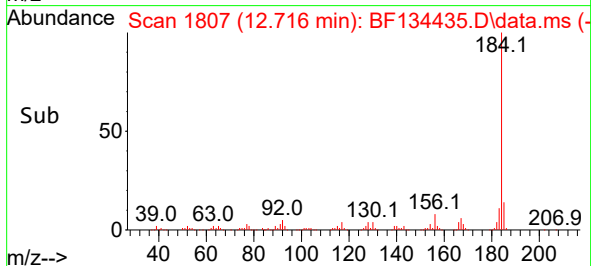
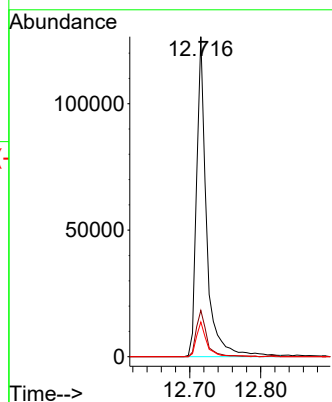
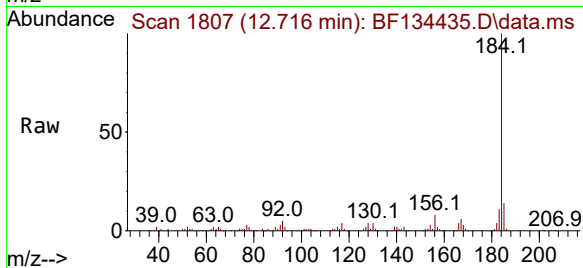
Tgt Ion:184 Resp: 124160

Ion Ratio Lower Upper

184 100

185 14.4 11.2 16.8

183 10.8 8.6 13.0



#78

Pyrene

Concen: 40.700 ng

RT: 12.821 min Scan# 1825

Delta R.T. 0.000 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

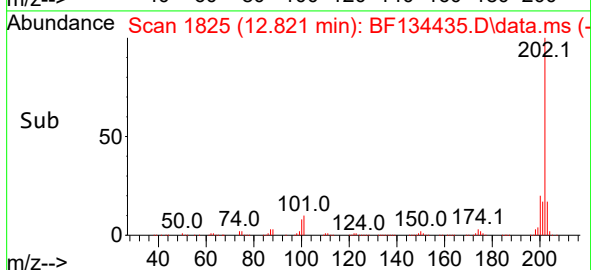
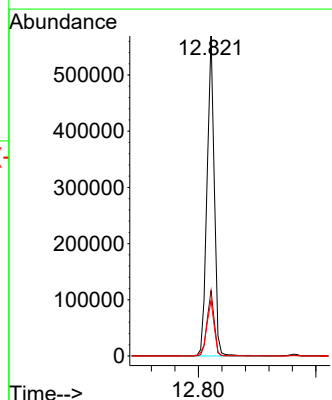
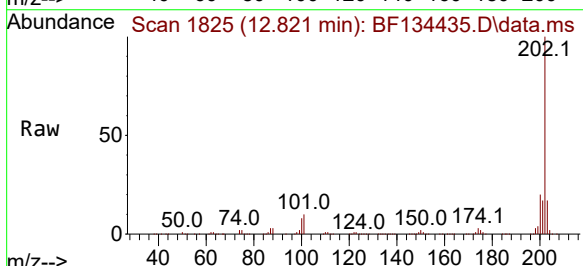
Tgt Ion:202 Resp: 487618

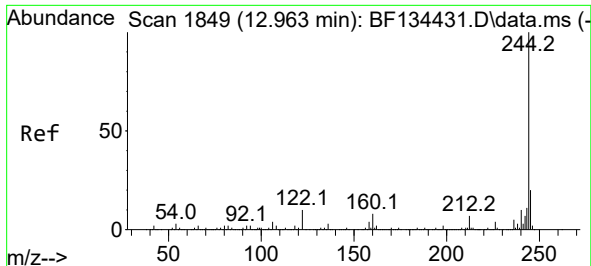
Ion Ratio Lower Upper

202 100

200 20.4 15.8 23.8

203 17.3 13.5 20.3

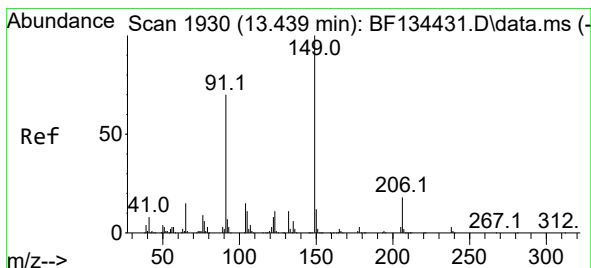
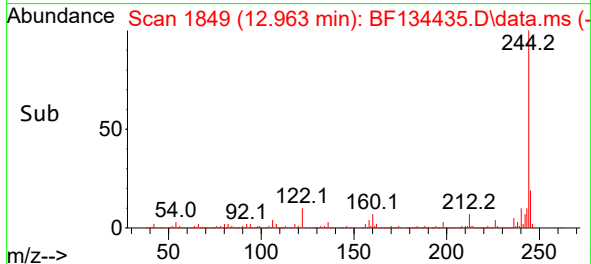
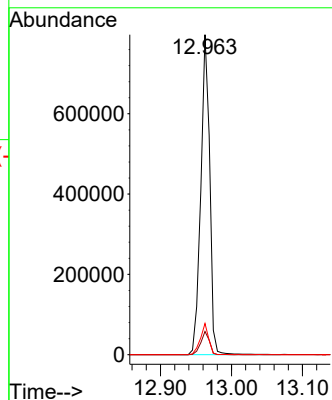
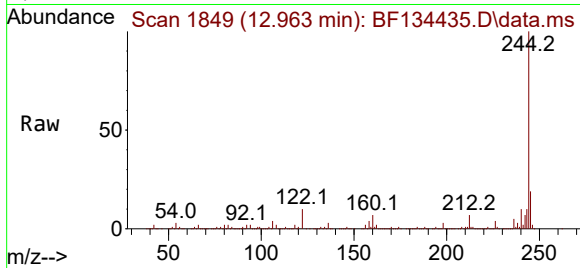




#79
 Terphenyl-d14
 Concen: 80.774 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF134435.D
 Acq: 24 Jul 2023 18:16

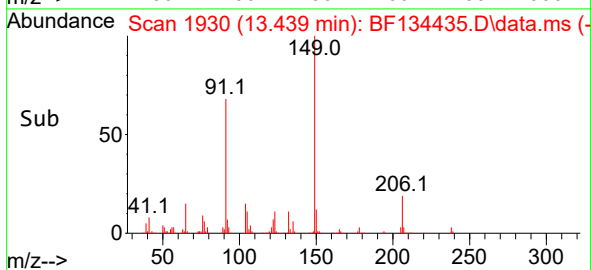
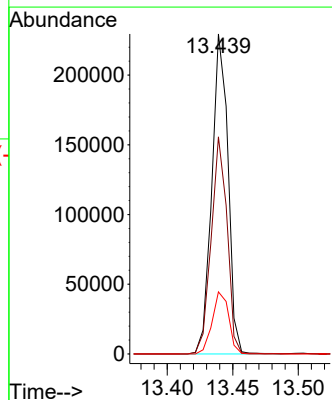
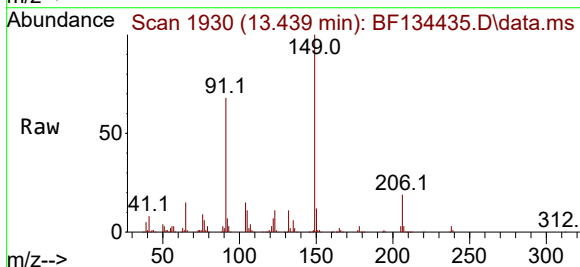
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072423

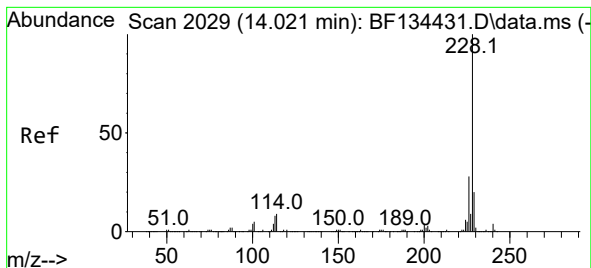
Tgt Ion:244 Resp: 697202
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 9.7 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 40.971 ng
 RT: 13.439 min Scan# 1930
 Delta R.T. 0.000 min
 Lab File: BF134435.D
 Acq: 24 Jul 2023 18:16

Tgt Ion:149 Resp: 196621
 Ion Ratio Lower Upper
 149 100
 91 67.8 55.8 83.6
 206 19.4 14.6 21.8





#81

Benzo(a)anthracene

Concen: 39.849 ng

RT: 14.021 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

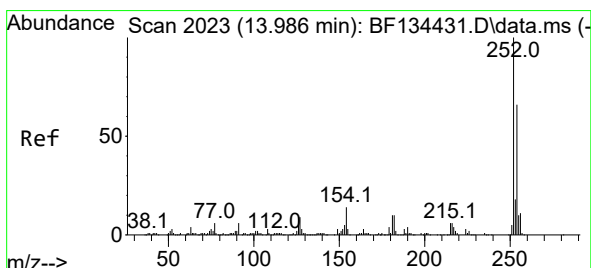
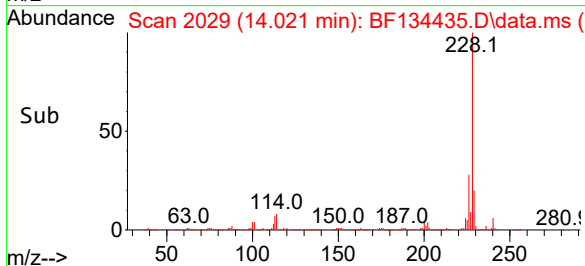
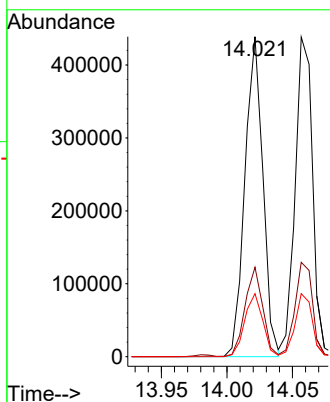
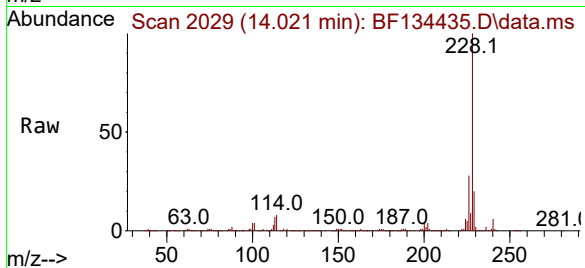
Tgt Ion:228 Resp: 418909

Ion Ratio Lower Upper

228 100

226 28.0 22.3 33.5

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 38.241 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

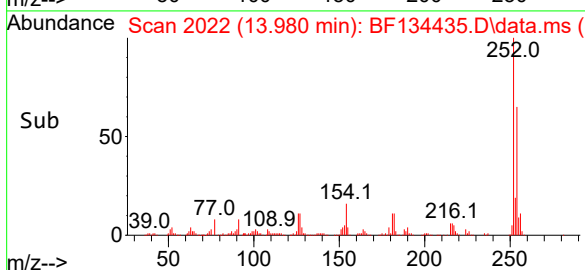
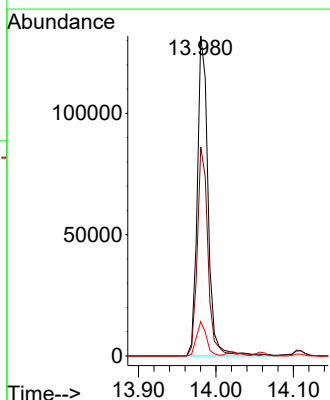
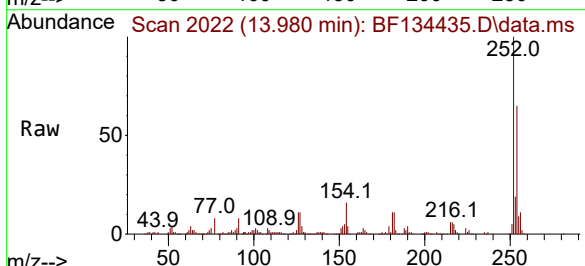
Tgt Ion:252 Resp: 127327

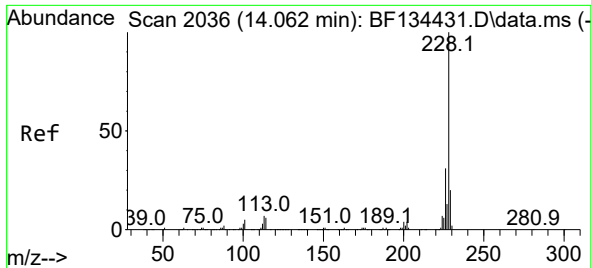
Ion Ratio Lower Upper

252 100

254 65.3 52.7 79.1

126 10.8 7.2 10.8

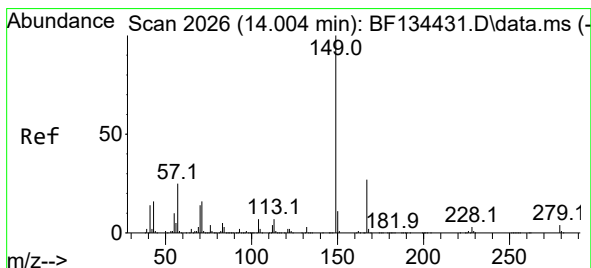
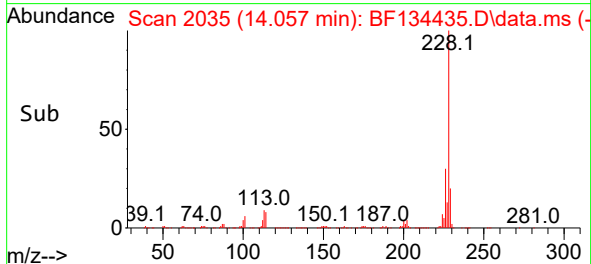
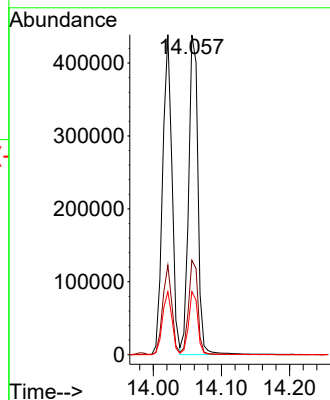
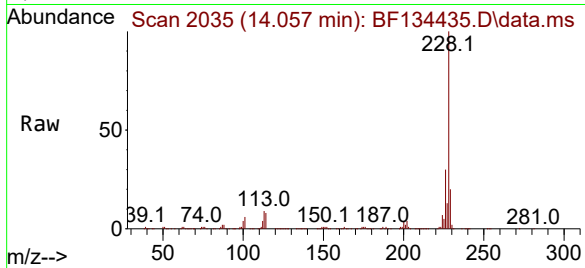




#83
Chrysene
Concen: 40.820 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

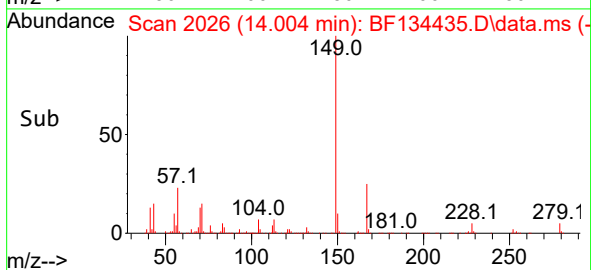
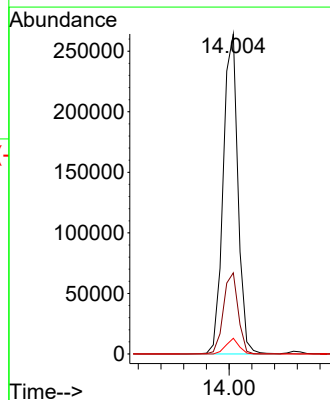
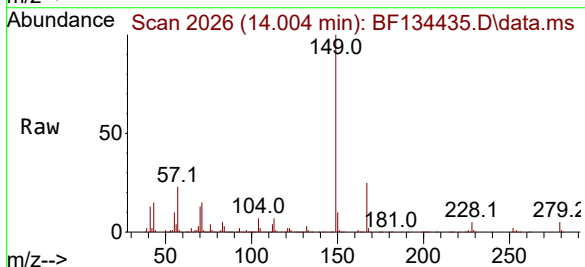
Instrument :
BNA_F
ClientSampleId :
ICVBF072423

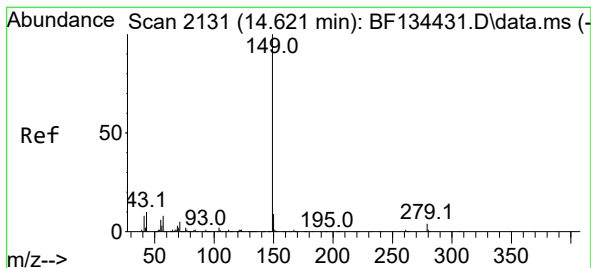
Tgt Ion:228 Resp: 410445
Ion Ratio Lower Upper
228 100
226 29.5 24.5 36.7
229 19.7 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.980 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF134435.D
Acq: 24 Jul 2023 18:16

Tgt Ion:149 Resp: 238928
Ion Ratio Lower Upper
149 100
167 25.4 21.6 32.4
279 4.9 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 40.155 ng

RT: 14.621 min Scan# 2131

Delta R.T. 0.000 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

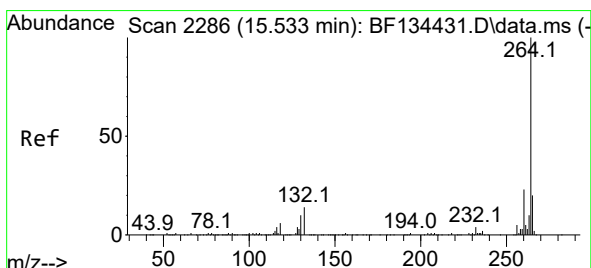
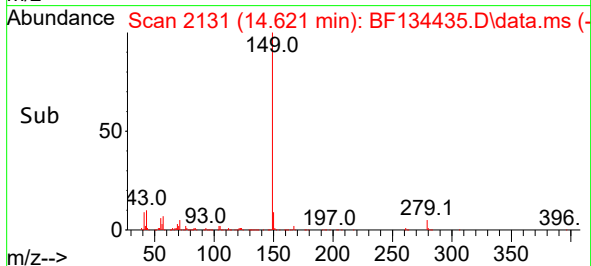
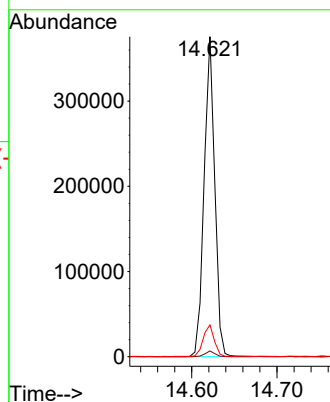
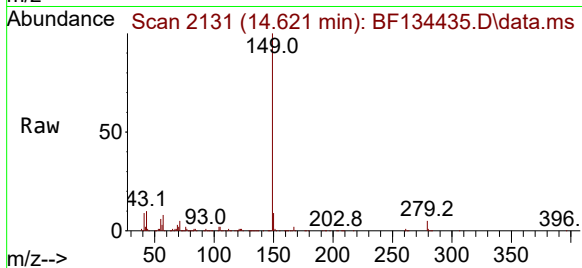
Tgt Ion:149 Resp: 325349

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.4 8.1 12.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2286

Delta R.T. 0.000 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

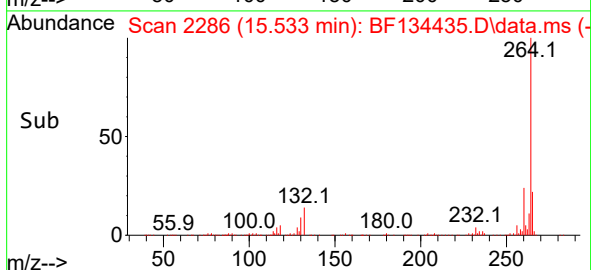
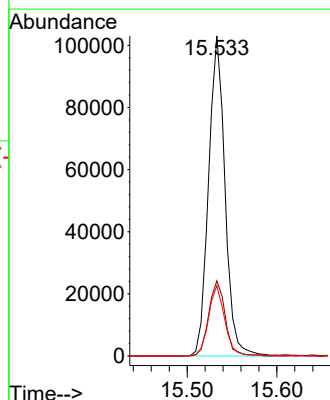
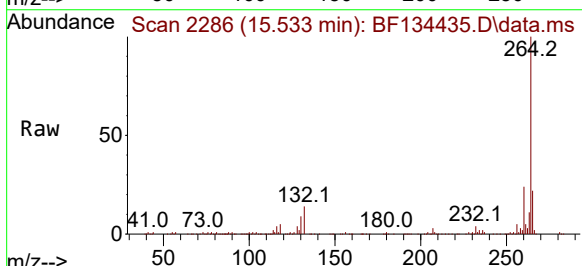
Tgt Ion:264 Resp: 131249

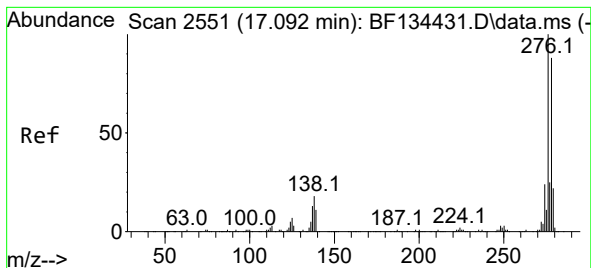
Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

265 21.9 15.8 23.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.890 ng

RT: 17.080 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

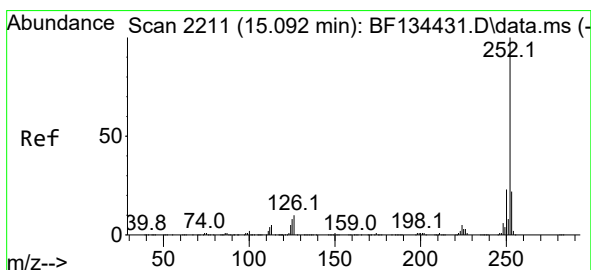
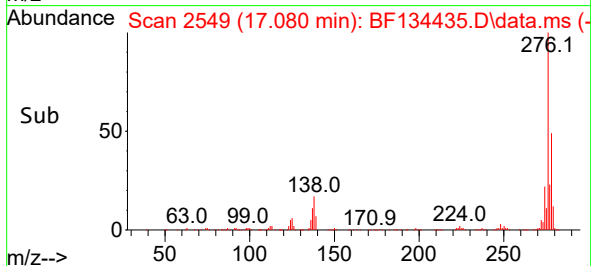
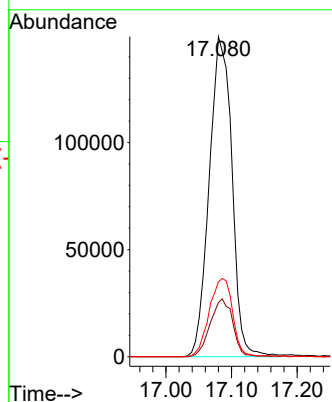
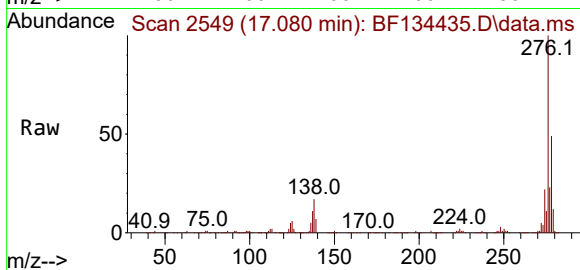
Tgt Ion:276 Resp: 359192

Ion Ratio Lower Upper

276 100

138 17.9 14.2 21.4

277 25.1 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 38.814 ng

RT: 15.092 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

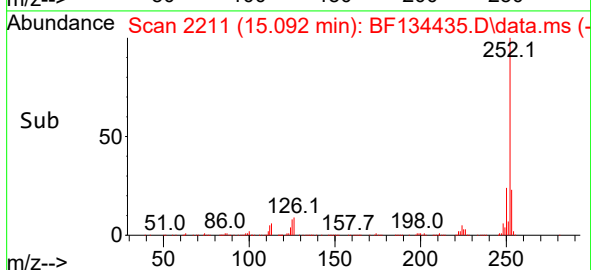
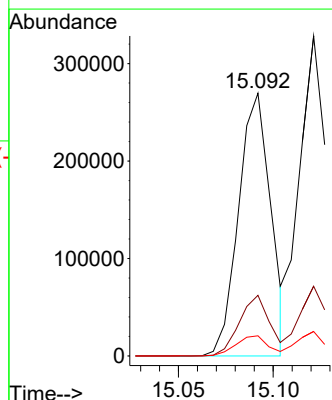
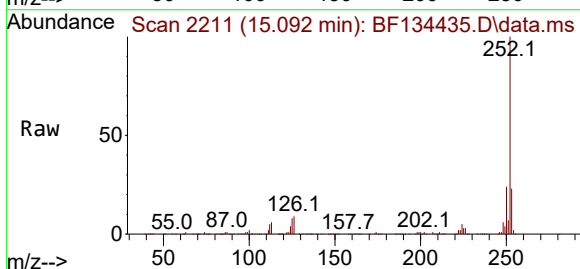
Tgt Ion:252 Resp: 318704

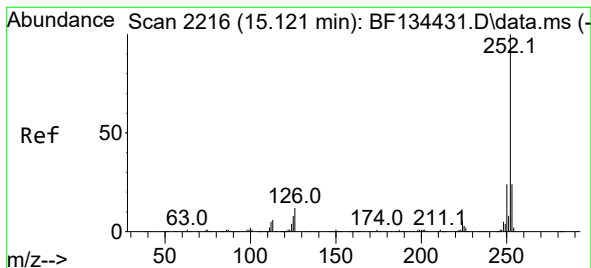
Ion Ratio Lower Upper

252 100

253 23.1 17.3 25.9

125 7.7 6.0 9.0





#89

Benzo(k)fluoranthene

Concen: 41.555 ng

RT: 15.121 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

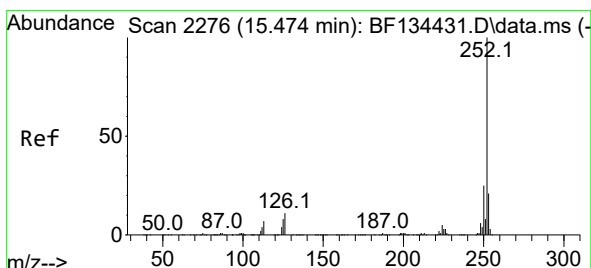
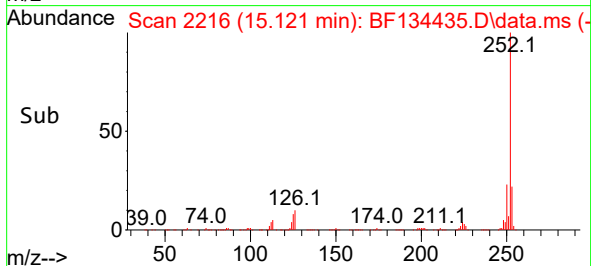
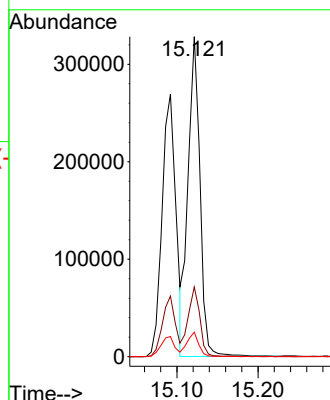
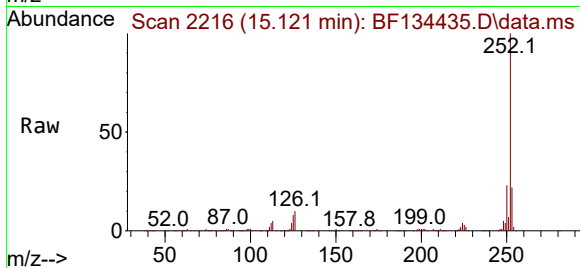
Tgt Ion:252 Resp: 335553

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

125 7.6 6.3 9.5



#90

Benzo(a)pyrene

Concen: 40.864 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

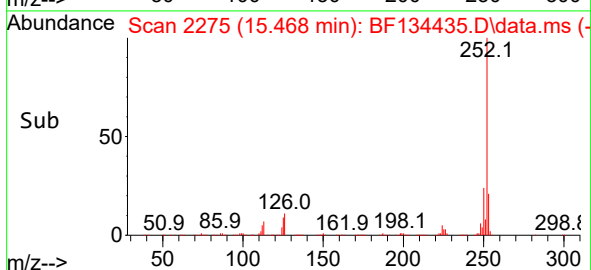
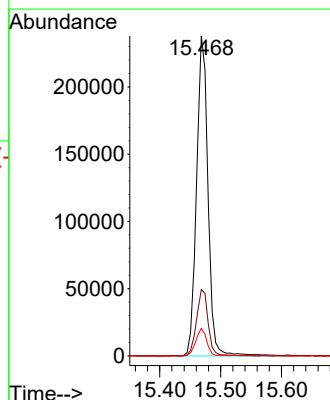
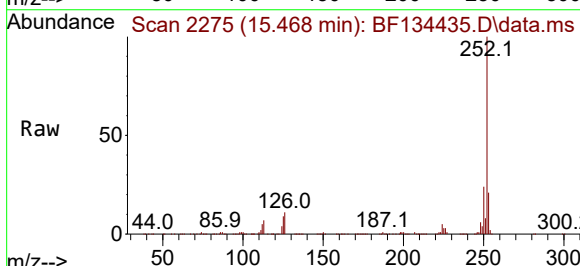
Tgt Ion:252 Resp: 310144

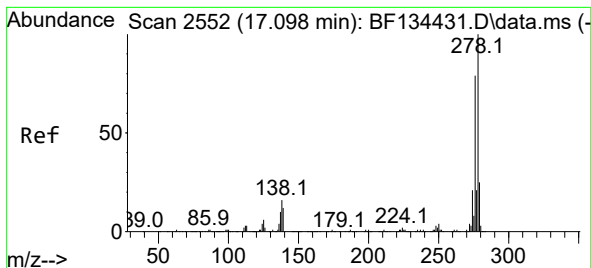
Ion Ratio Lower Upper

252 100

253 20.8 17.0 25.4

125 8.6 6.2 9.4





#91

Dibenzo(a,h)anthracene

Concen: 42.108 ng

RT: 17.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

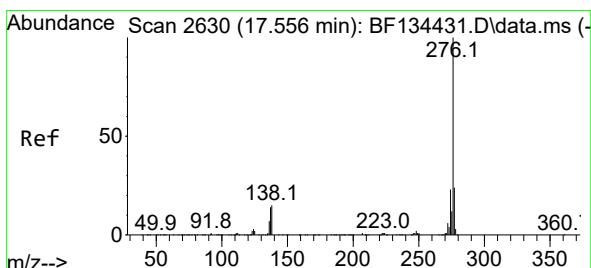
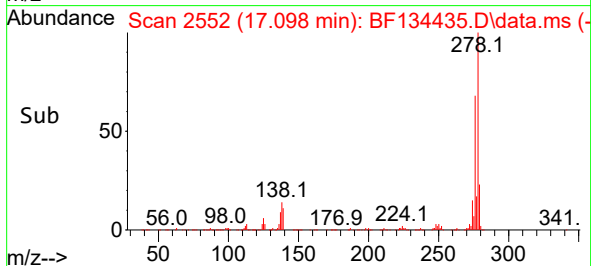
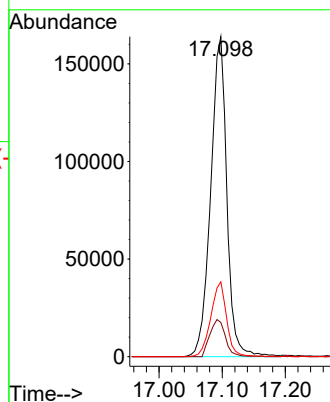
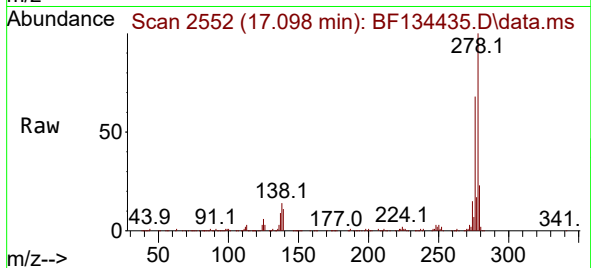
Tgt Ion:278 Resp: 291582

Ion Ratio Lower Upper

278 100

139 10.7 10.0 15.0

279 23.4 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 42.833 ng

RT: 17.551 min Scan# 2629

Delta R.T. -0.006 min

Lab File: BF134435.D

Acq: 24 Jul 2023 18:16

Tgt Ion:276 Resp: 304556

Ion Ratio Lower Upper

276 100

277 22.6 19.0 28.6

138 16.1 12.2 18.2

