

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
 Data File : BF136020.D
 Acq On : 28 Oct 2023 22:54
 Operator : CG\JU
 Sample : 04878-03MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 222MSD

Quant Time: Oct 30 00:32:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	145998	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	537036	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	172405	20.000	ng	0.03
64) Phenanthrene-d10	11.451	188	93743	20.000	ng	# 0.10
76) Chrysene-d12	14.068	240	231725	20.000	ng	# 0.06
86) Perylene-d12	15.533	264	225049	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1014164	107.264	ng	0.00
7) Phenol-d6	6.463	99	1284285	109.107	ng	0.00
23) Nitrobenzene-d5	7.392	82	727173	87.159	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	176747	117.124	ng	0.05
45) 2-Fluorobiphenyl	9.192	172	1323964	122.966	ng	0.00
79) Terphenyl-d14	13.039	244	496720	35.814	ng	0.08
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	147238	33.524	ng	97
3) Pyridine	3.363	79	392051	32.341	ng	97
4) n-Nitrosodimethylamine	3.304	42	201154	38.056	ng	97
6) Aniline	6.492	93	122996	7.760	ng	98
8) 2-Chlorophenol	6.610	128	491397	50.205	ng	98
9) Benzaldehyde	6.375	77	175311	27.532	ng	96
10) Phenol	6.481	94	575160	46.740	ng	97
11) bis(2-Chloroethyl)ether	6.569	93	480227	50.136	ng	99
12) 1,3-Dichlorobenzene	6.769	146	494323	47.547	ng	97
13) 1,4-Dichlorobenzene	6.845	146	495169	47.423	ng	98
14) 1,2-Dichlorobenzene	6.998	146	472592	48.741	ng	100
15) Benzyl Alcohol	6.969	79	393216	47.256	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	623956	44.234	ng	97
17) 2-Methylphenol	7.081	107	353836	41.017	ng	100
18) Hexachloroethane	7.339	117	171125	48.198	ng	94
19) n-Nitroso-di-n-propyla...	7.245	70	306964	45.859	ng	96
20) 3+4-Methylphenols	7.234	107	447959	43.025	ng	# 84
22) Acetophenone	7.239	105	623664	51.417	ng	# 94
24) Nitrobenzene	7.410	77	462105	51.746	ng	98
25) Isophorone	7.651	82	853320	50.269	ng	97
26) 2-Nitrophenol	7.722	139	227454	63.076	ng	95
27) 2,4-Dimethylphenol	7.763	122	197955	25.587	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	529638	50.809	ng	99
29) 2,4-Dichlorophenol	7.963	162	374032	53.988	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	409142	52.159	ng	99
31) Naphthalene	8.133	128	1274370	49.081	ng	99
32) Benzoic acid	7.863	122	177514	47.985	ng	94
33) 4-Chloroaniline	8.181	127	80928	7.052	ng	98
34) Hexachlorobutadiene	8.245	225	231782	52.424	ng	99
35) Caprolactam	8.604	113	126736	54.972	ng	# 56
36) 4-Chloro-3-methylphenol	8.663	107	389204	52.864	ng	97
37) 2-Methylnaphthalene	8.822	142	761688	44.338	ng	99
38) 1-Methylnaphthalene	8.922	142	724881	45.158	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	355313	72.969	ng	99
41) Hexachlorocyclopentadiene	8.975	237	324682	135.226	ng	98
43) 2,4,6-Trichlorophenol	9.098	196	227023	79.657	ng	98

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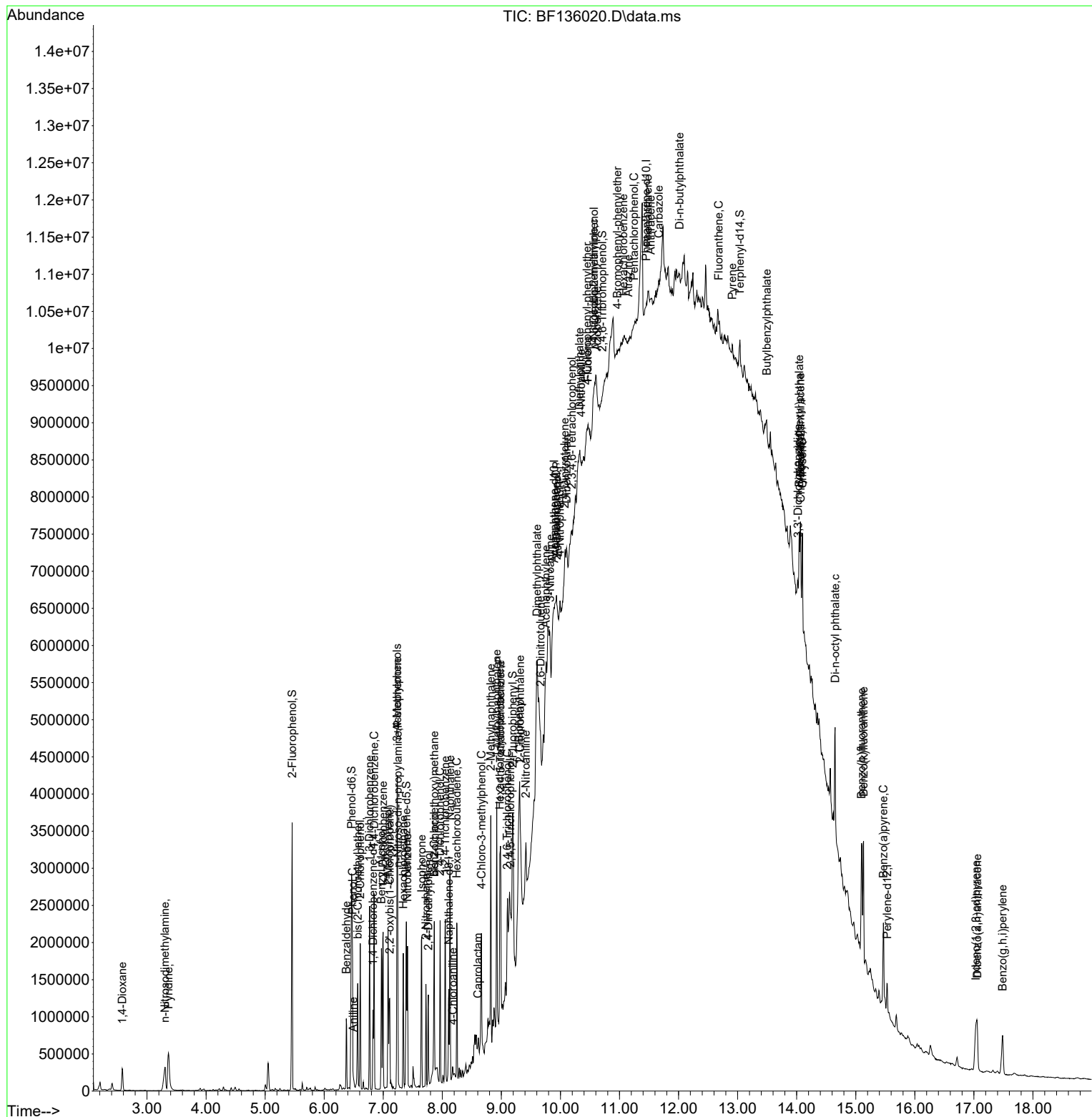
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	261413	77.253	ng	# 82
46) 1,1'-Biphenyl	9.298	154	932620	71.391	ng	99
47) 2-Chloronaphthalene	9.316	162	675494	69.907	ng	96
48) 2-Nitroaniline	9.416	65	207189	70.934	ng	99
49) Acenaphthylene	9.751	152	889651	58.361	ng	# 88
50) Dimethylphthalate	9.604	163	693378	62.017	ng	# 92
51) 2,6-Dinitrotoluene	9.663	165	168946	70.367	ng	# 73
52) Acenaphthene	9.927	154	490652	50.223	ng	96
53) 3-Nitroaniline	9.827	138	148759	53.100	ng	# 60
54) 2,4-Dinitrophenol	9.939	184	29321	50.016	ng	# 1
55) Dibenzofuran	10.104	168	656518	46.517	ng	# 89
56) 4-Nitrophenol	9.992	139	205493	90.251	ng	# 14
57) 2,4-Dinitrotoluene	10.075	165	119887	42.540	ng	# 89
58) Fluorene	10.463	166	383419	36.312	ng	# 80
59) 2,3,4,6-Tetrachlorophenol	10.192	232	275403	108.157	ng	# 56
60) Diethylphthalate	10.322	149	406785	38.155	ng	# 80
61) 4-Chlorophenyl-phenyle...	10.451	204	206541	40.551	ng	# 60
62) 4-Nitroaniline	10.351	138	63210	25.437	ng	95
63) Azobenzene	10.622	77	247156	22.844	ng	# 69
65) 4,6-Dinitro-2-methylph...	10.569	198	1065	11.207	ng	# 1
66) n-Nitrosodiphenylamine	10.563	169	440691	155.612	ng	90
67) 4-Bromophenyl-phenylether	10.963	248	82989	86.444	ng	# 34
68) Hexachlorobenzene	11.063	284	92714	90.405	ng	# 5
69) Atrazine	11.151	200	65185	84.435	ng	# 1
70) Pentachlorophenol	11.245	266	88125	132.598	ng	94
71) Phenanthrene	11.480	178	314088	66.225	ng	# 40
72) Anthracene	11.527	178	139340	28.693	ng	# 40
73) Carbazole	11.669	167	185399	42.798	ng	# 37
74) Di-n-butylphthalate	12.016	149	266485	57.810	ng	# 71
75) Fluoranthene	12.680	202	283025	56.724	ng	85
78) Pyrene	12.910	202	339020	17.424	ng	# 91
80) Butylbenzylphthalate	13.492	149	208627	29.937	ng	# 83
81) Benzo(a)anthracene	14.062	228	808873	51.337	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	38440	8.019	ng	# 87
83) Chrysene	14.098	228	725183	47.256	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	487822	60.972	ng	# 95
85) Di-n-octyl phthalate	14.651	149	992680	78.762	ng	96
87) Indeno(1,2,3-cd)pyrene	17.033	276	544624	42.679	ng	97
88) Benzo(b)fluoranthene	15.098	252	920822	68.753	ng	98
89) Benzo(k)fluoranthene	15.133	252	754619	57.369	ng	100
90) Benzo(a)pyrene	15.468	252	618058	50.071	ng	98
91) Dibenzo(a,h)anthracene	17.056	278	451800	41.392	ng	98
92) Benzo(g,h,i)perylene	17.486	276	438730	36.342	ng	98

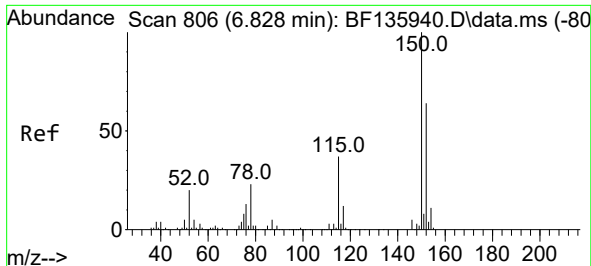
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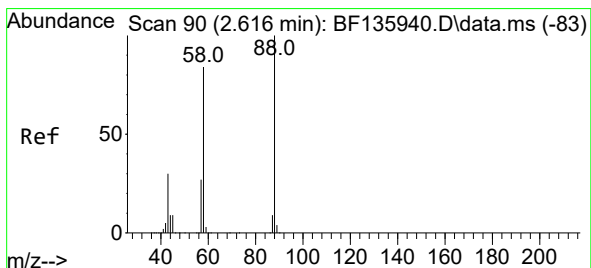
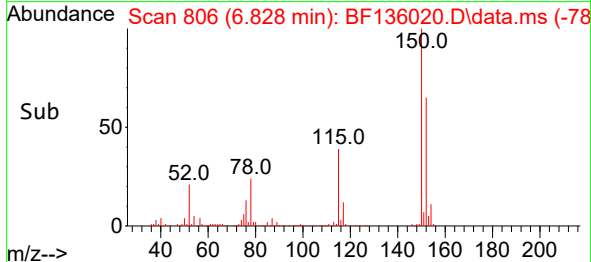
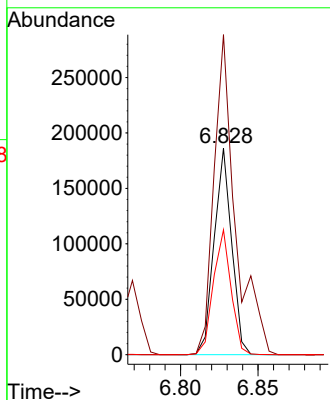
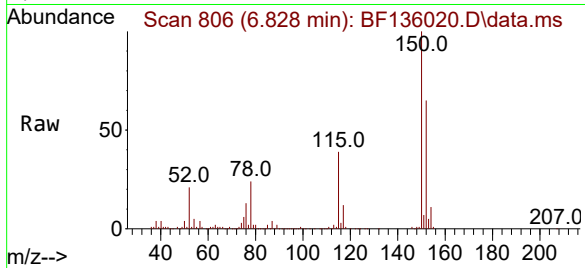




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF136020.D
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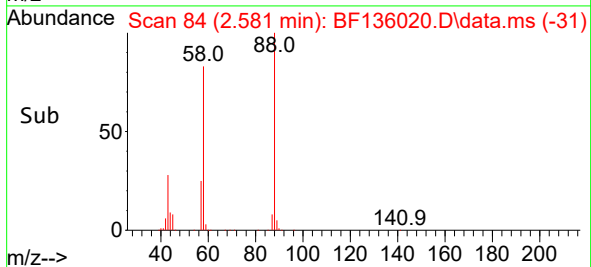
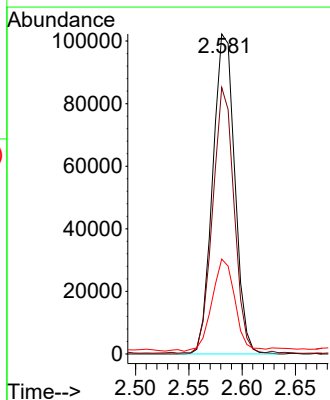
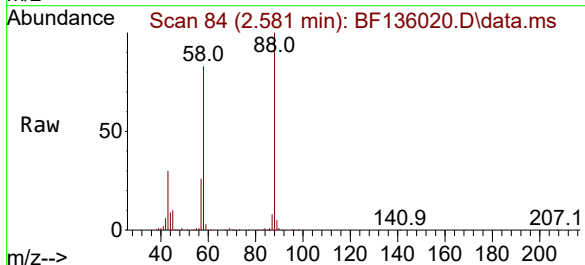
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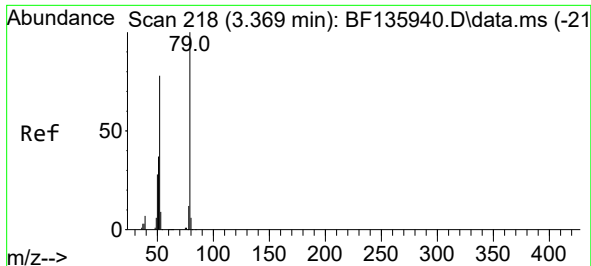
Tgt Ion:152 Resp: 145998
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.6 186.8
 115 60.4 46.6 69.8



#2
 1,4-Dioxane
 Concen: 33.524 ng
 RT: 2.581 min Scan# 84
 Delta R.T. -0.035 min
 Lab File: BF136020.D
 Acq: 28 Oct 2023 22:54

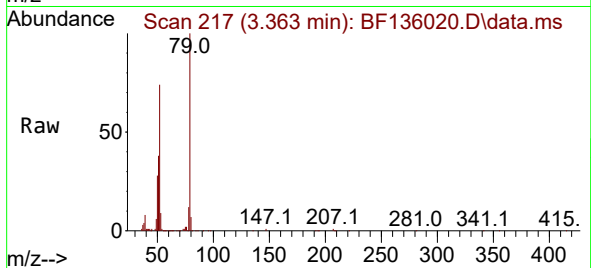
Tgt Ion: 88 Resp: 147238
 Ion Ratio Lower Upper
 88 100
 58 80.2 66.6 100.0
 43 29.9 23.8 35.8



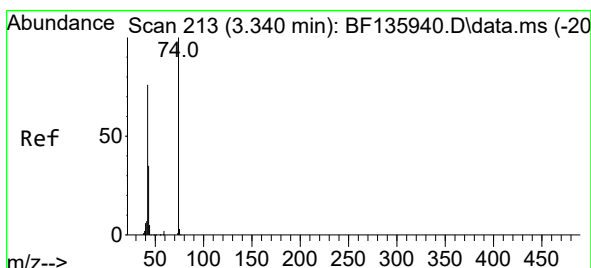
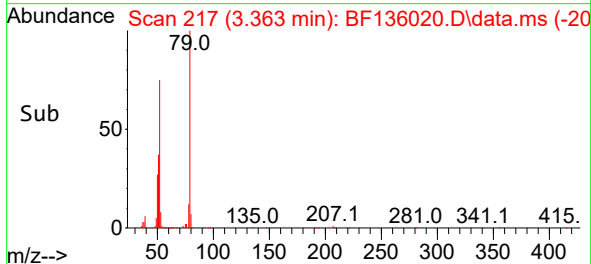
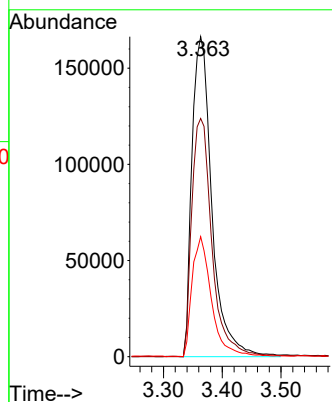


#3
Pyridine
Concen: 32.341 ng
RT: 3.363 min Scan# 218
Delta R.T. -0.006 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

Instrument :
BNA_F
ClientSampleId :
222MSD

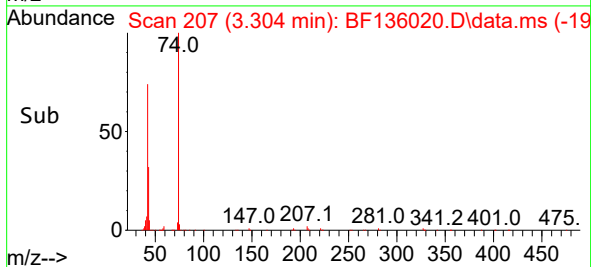
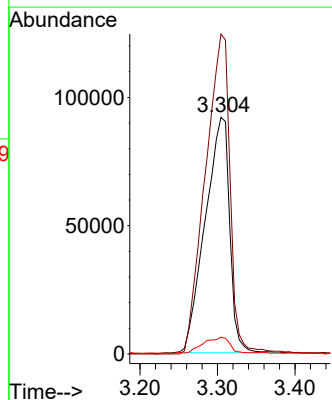
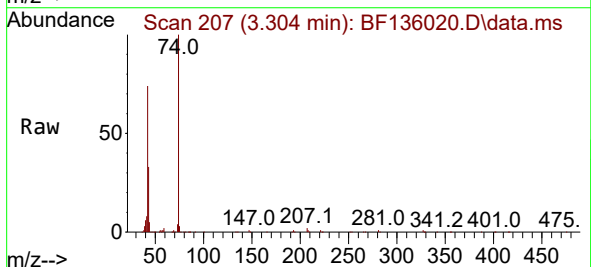


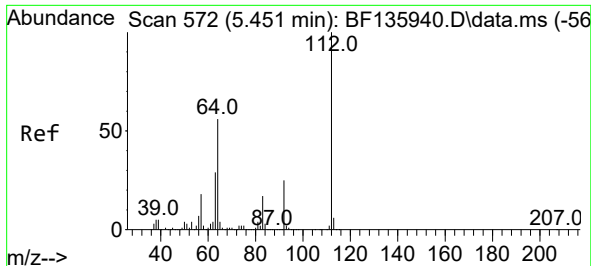
Tgt Ion: 79 Resp: 392051
Ion Ratio Lower Upper
79 100
52 74.5 62.6 93.8
51 37.5 29.8 44.8



#4
n-Nitrosodimethylamine
Concen: 38.056 ng
RT: 3.304 min Scan# 207
Delta R.T. -0.035 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

Tgt Ion: 42 Resp: 201154
Ion Ratio Lower Upper
42 100
74 135.2 104.8 157.2
44 7.1 5.9 8.9

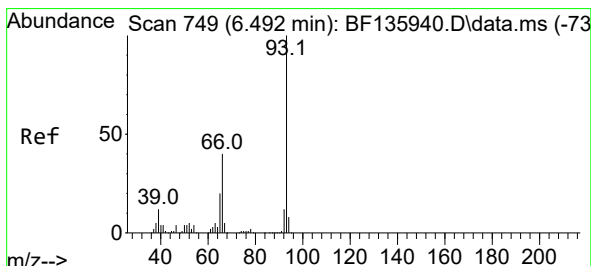
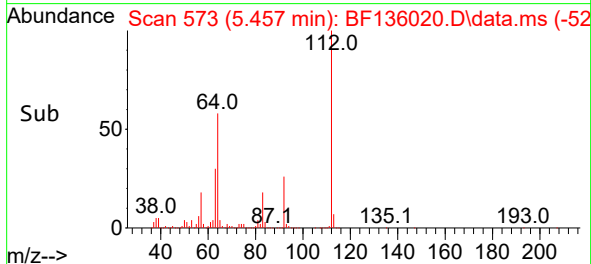
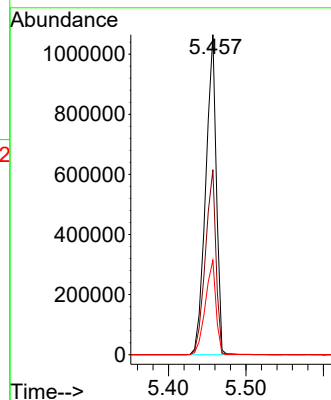
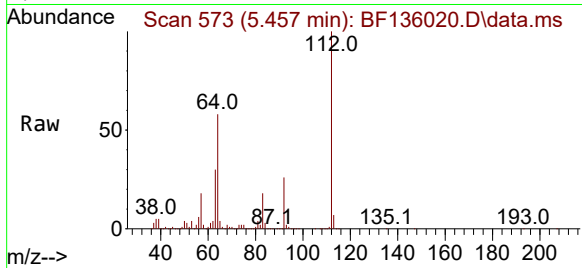




#5
2-Fluorophenol
Concen: 107.264 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

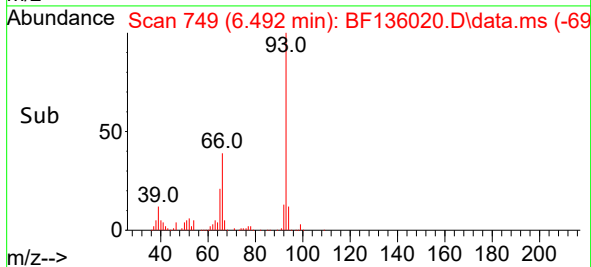
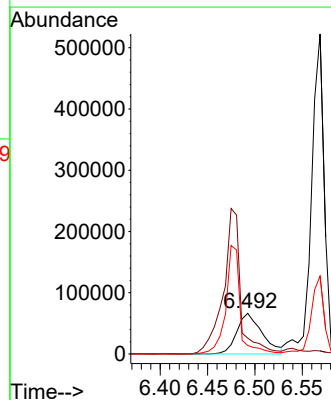
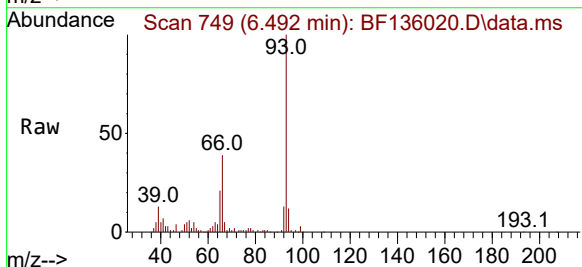
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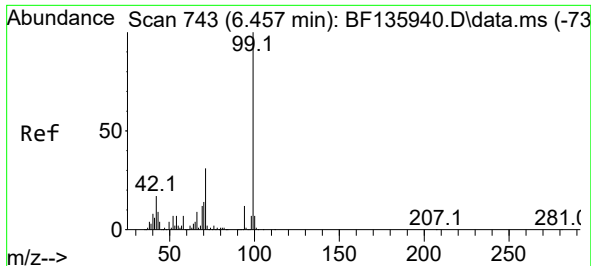
Tgt Ion:112 Resp: 1014164
Ion Ratio Lower Upper
112 100
64 57.8 45.1 67.7
63 29.5 23.0 34.4



#6
Aniline
Concen: 7.760 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

Tgt Ion: 93 Resp: 122996
Ion Ratio Lower Upper
93 100
66 38.8 32.0 48.0
65 20.7 16.2 24.4

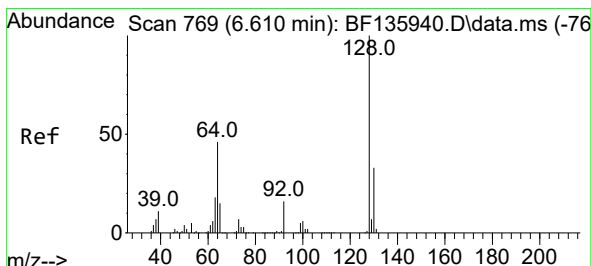
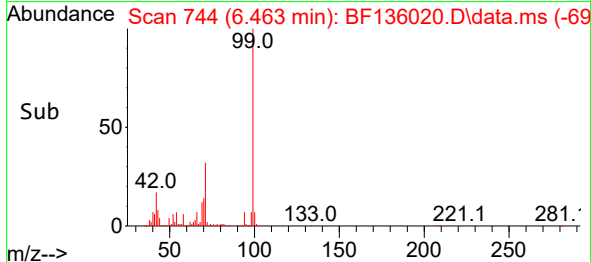
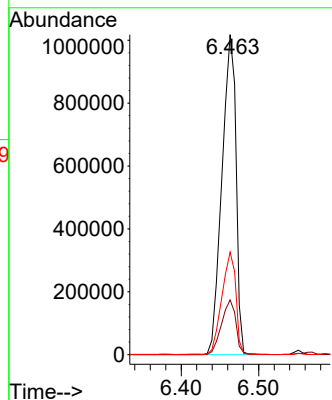
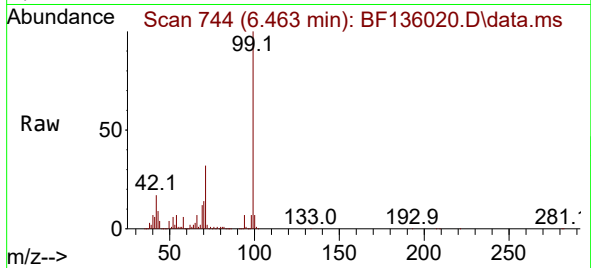




#7
Phenol-d6
Concen: 109.107 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

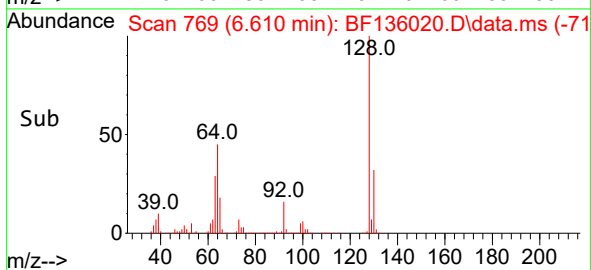
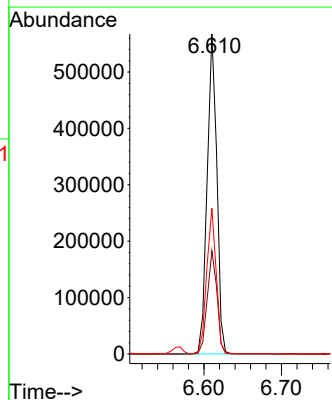
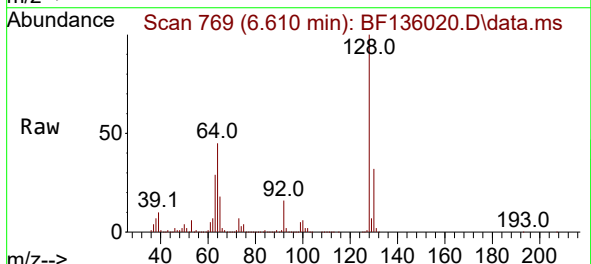
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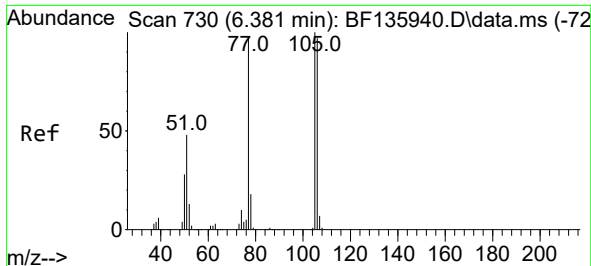
Tgt Ion: 99 Resp: 1284285
Ion Ratio Lower Upper
99 100
42 17.1 13.8 20.8
71 32.1 25.1 37.7



#8
2-Chlorophenol
Concen: 50.205 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF136020.D
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Tgt Ion:128 Resp: 491397
Ion Ratio Lower Upper
128 100
130 32.3 13.1 53.1
64 45.5 27.0 67.0

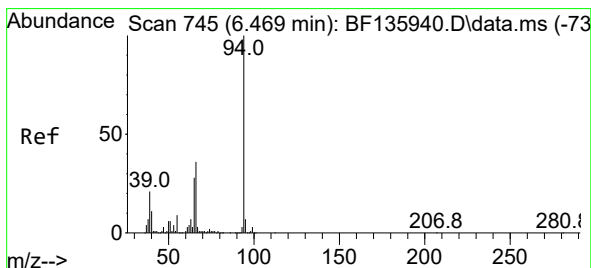
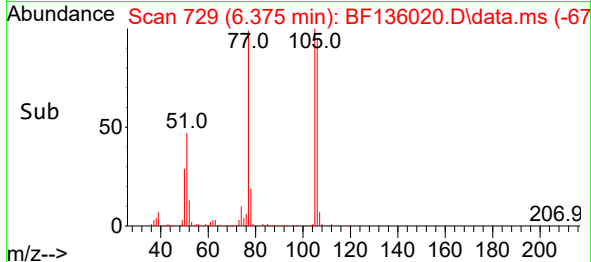
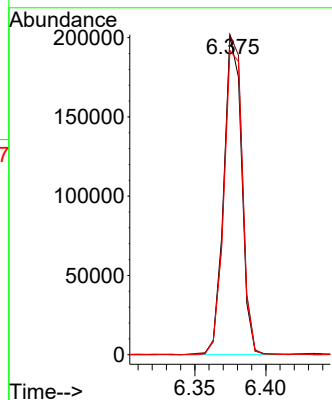
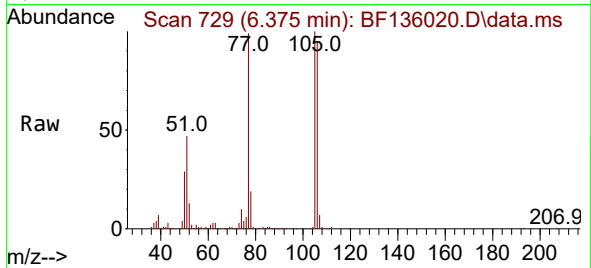




#9
Benzaldehyde
Concen: 27.532 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.006 min
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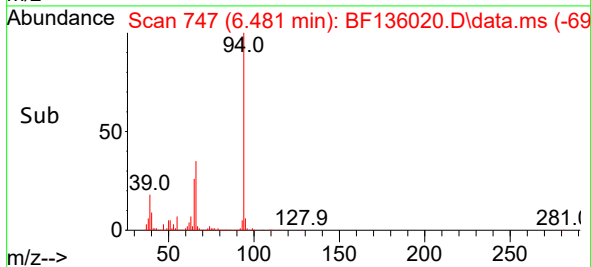
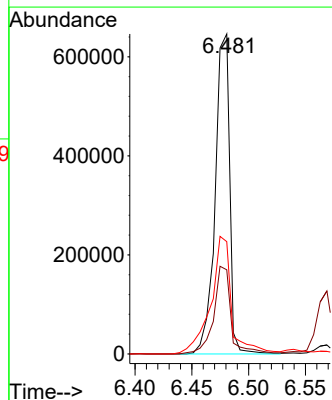
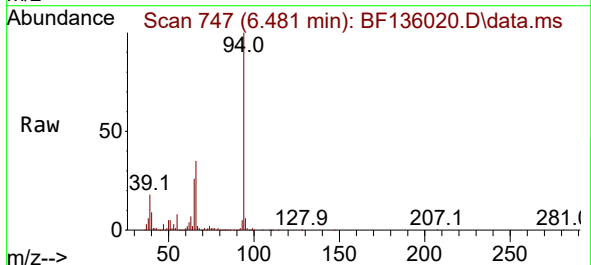
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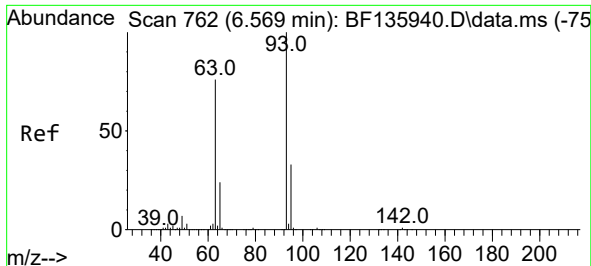
Tgt Ion: 77 Resp: 175311
Ion Ratio Lower Upper
77 100
105 100.5 83.2 123.2
106 95.5 80.0 120.0



#10
Phenol
Concen: 46.740 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.012 min
Lab File: BF136020.D
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Tgt Ion: 94 Resp: 575160
Ion Ratio Lower Upper
94 100
65 26.3 7.8 47.8
66 35.1 16.5 56.5





#11

bis(2-Chloroethyl)ether

Concen: 50.136 ng

RT: 6.569 min Scan# 701

Delta R.T. -0.000 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

Instrument :

BNA_F

ClientSampleId :

222MSD

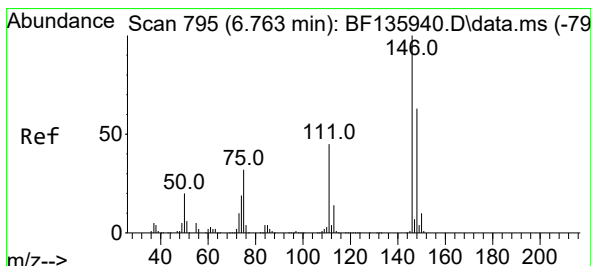
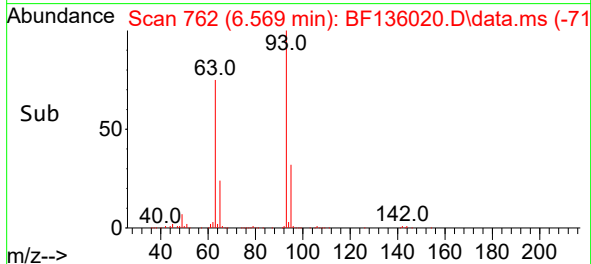
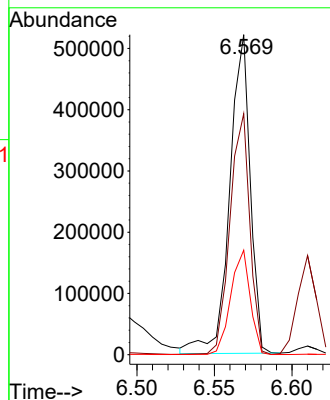
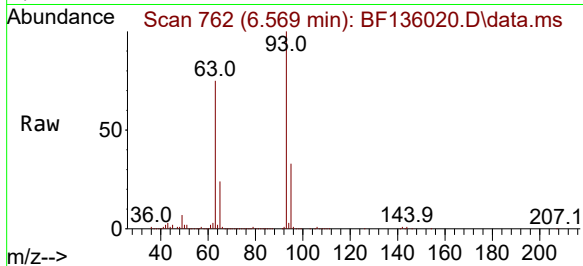
Tgt Ion: 93 Resp: 480227

Ion Ratio Lower Upper

93 100

63 75.3 56.2 96.2

95 32.7 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 47.547 ng

RT: 6.769 min Scan# 796

Delta R.T. 0.006 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

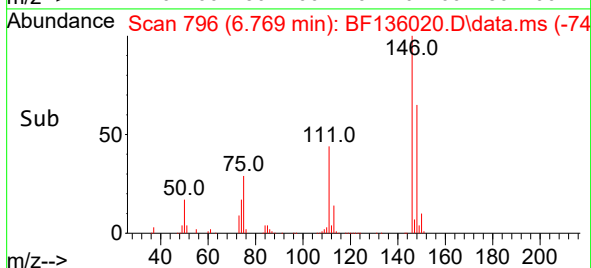
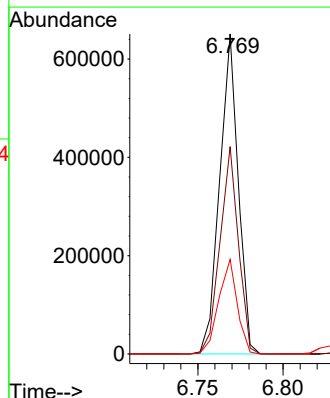
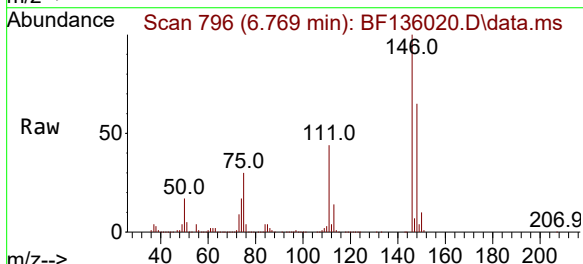
Tgt Ion:146 Resp: 494323

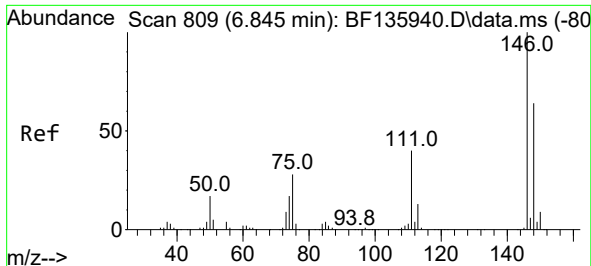
Ion Ratio Lower Upper

146 100

148 64.8 50.2 75.4

75 29.6 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 47.423 ng

RT: 6.845 min Scan# 809

Delta R.T. -0.000 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

Instrument :

BNA_F

ClientSampleId :

222MSD

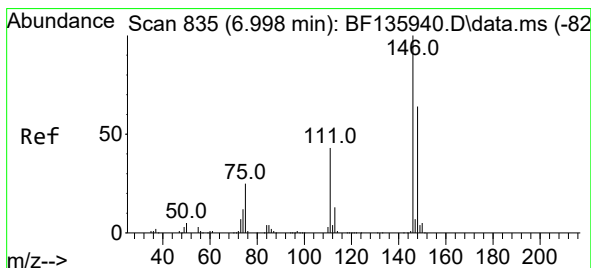
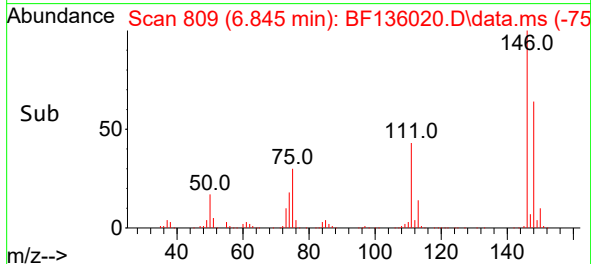
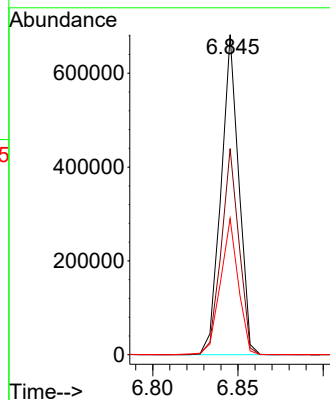
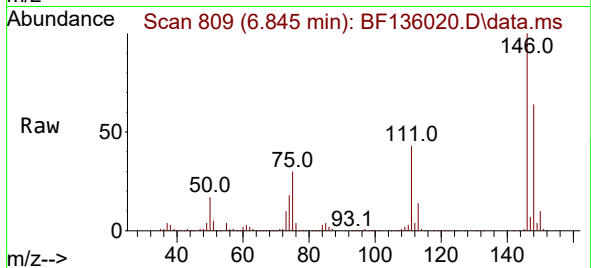
Tgt Ion:146 Resp: 495169

Ion Ratio Lower Upper

146 100

148 64.4 51.4 77.2

111 42.6 31.8 47.8



#14

1,2-Dichlorobenzene

Concen: 48.741 ng

RT: 6.998 min Scan# 835

Delta R.T. -0.000 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

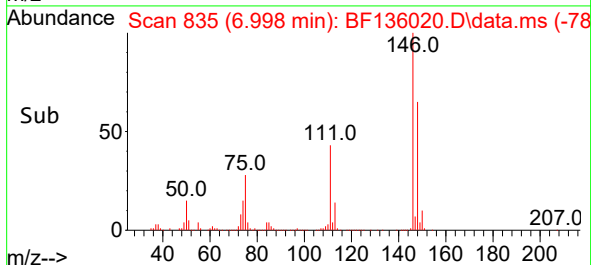
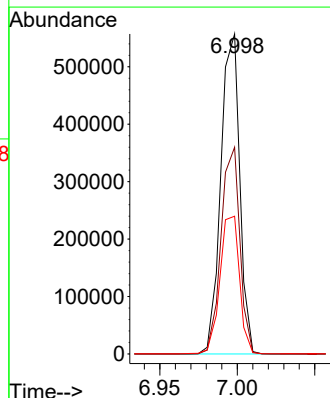
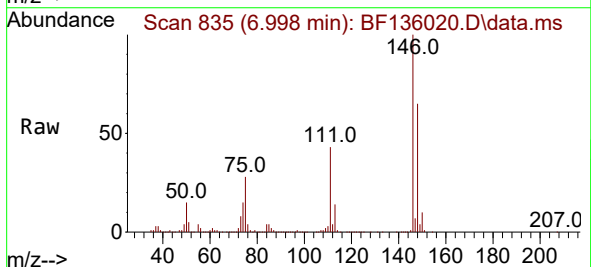
Tgt Ion:146 Resp: 472592

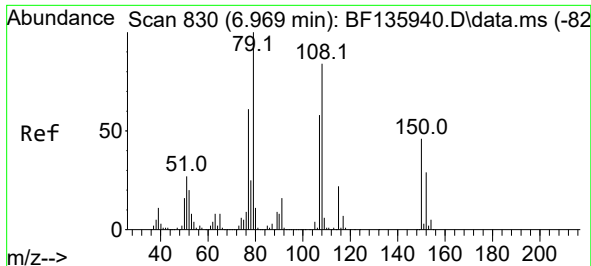
Ion Ratio Lower Upper

146 100

148 64.6 51.4 77.0

111 43.0 34.2 51.4

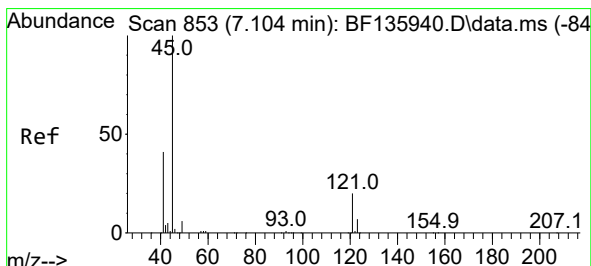
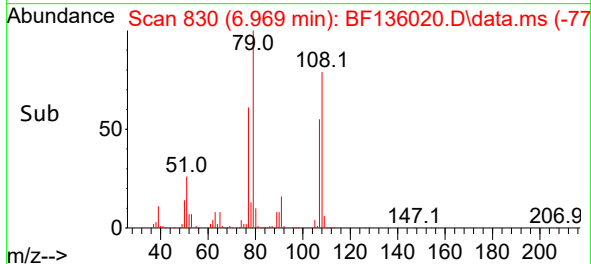
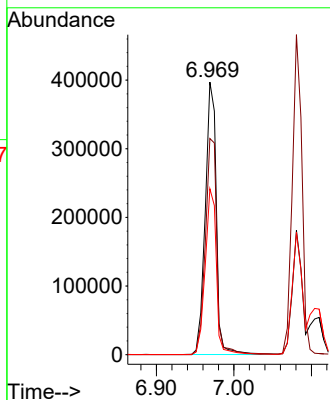
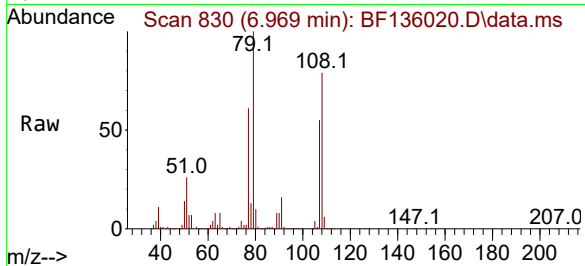




#15
Benzyl Alcohol
Concen: 47.256 ng
RT: 6.969 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

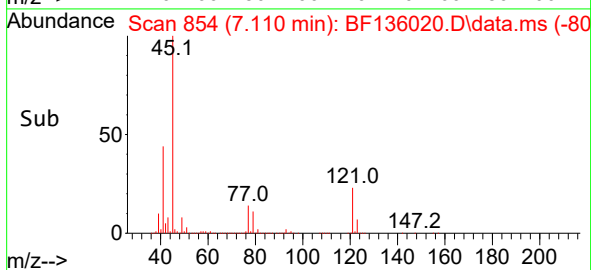
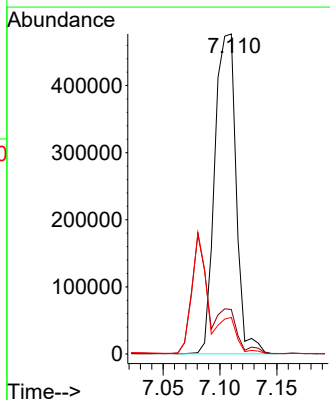
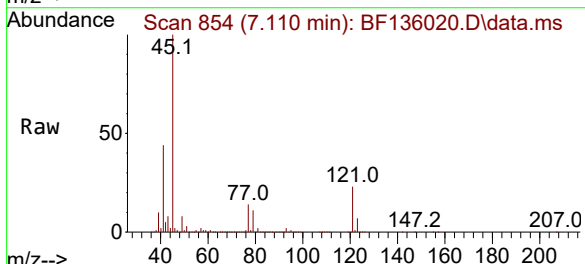
Instrument :
BNA_F
ClientSampleId :
222MSD

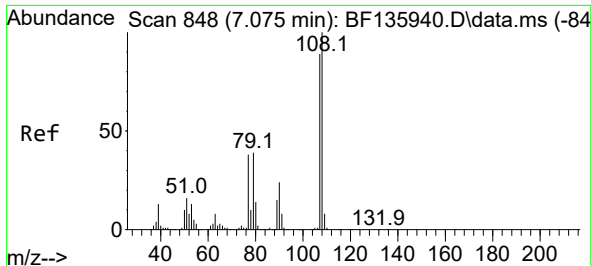
Tgt Ion: 79 Resp: 393216
Ion Ratio Lower Upper
79 100
108 79.3 67.2 100.8
77 60.9 49.0 73.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.234 ng
RT: 7.110 min Scan# 854
Delta R.T. 0.006 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

Tgt Ion: 45 Resp: 623956
Ion Ratio Lower Upper
45 100
77 13.9 0.0 33.2
79 11.4 0.0 29.8

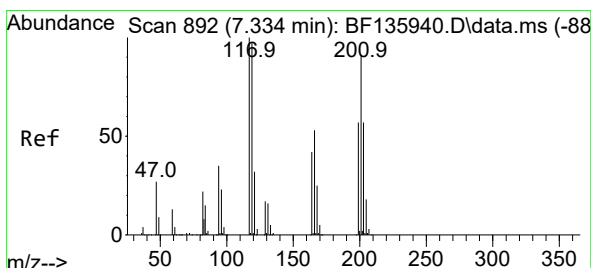
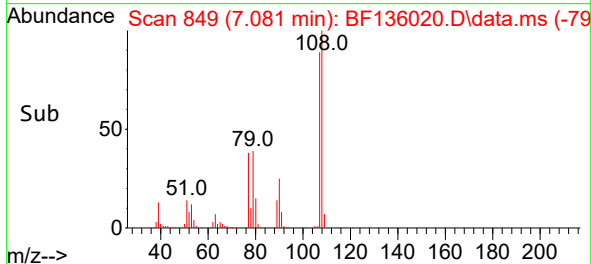
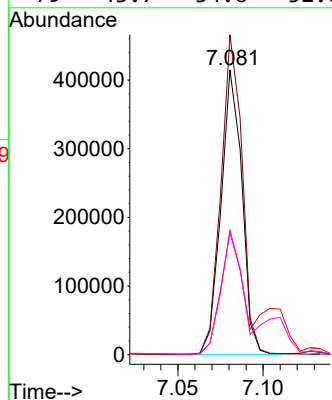
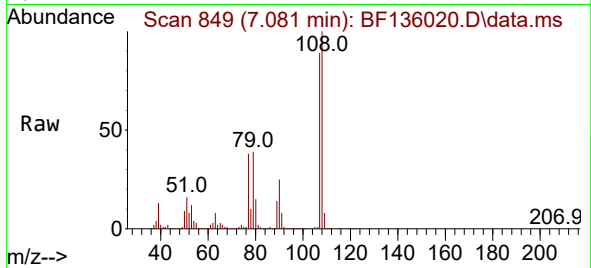




#17
2-Methylphenol
Concen: 41.017 ng
RT: 7.081 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

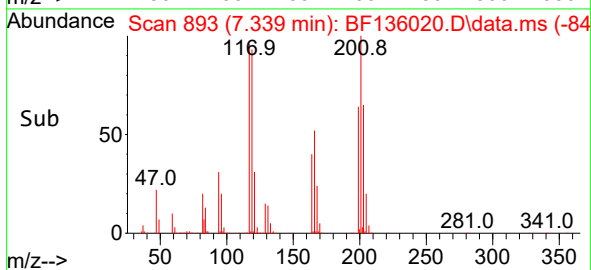
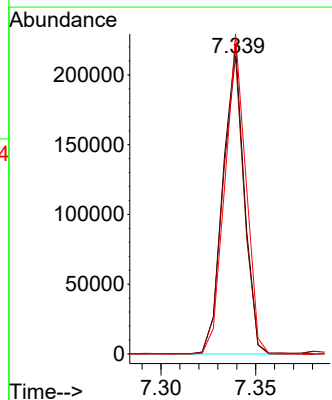
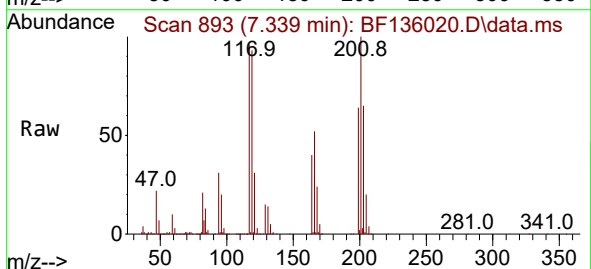
Instrument :
BNA_F
ClientSampleId :
222MSD

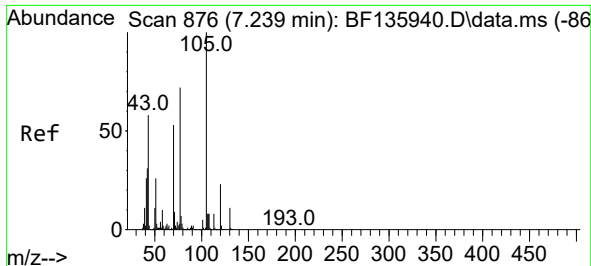
Tgt Ion:107 Resp: 353836
Ion Ratio Lower Upper
107 100
108 112.4 89.8 134.6
77 43.0 34.2 51.2
79 43.7 34.6 52.0



#18
Hexachloroethane
Concen: 48.198 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.006 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

Tgt Ion:117 Resp: 171125
Ion Ratio Lower Upper
117 100
119 96.6 77.3 115.9
201 103.7 72.8 109.2

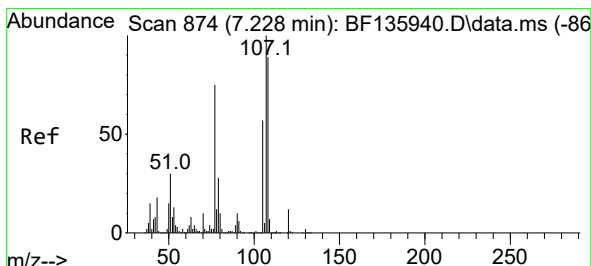
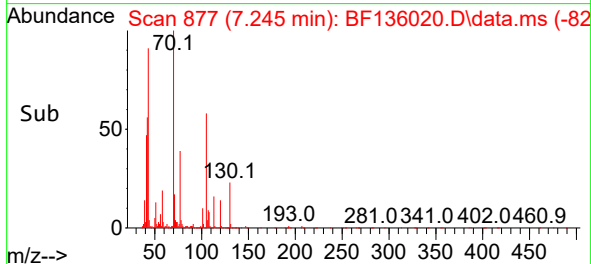
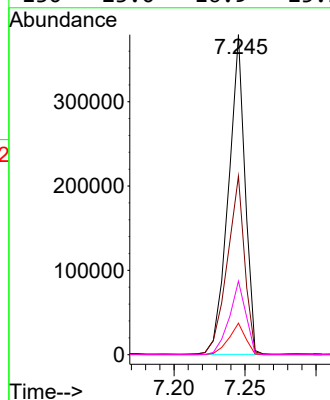
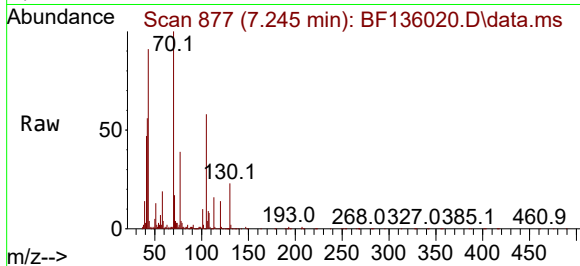




#19
n-Nitroso-di-n-propylamine
Concen: 45.859 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

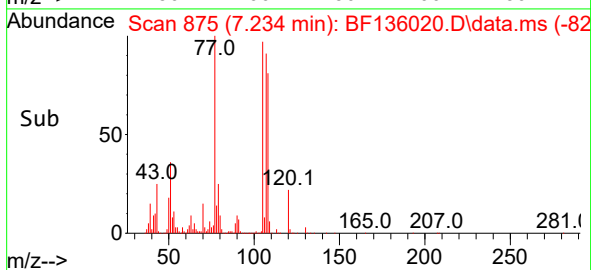
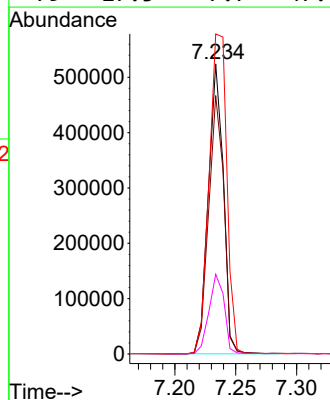
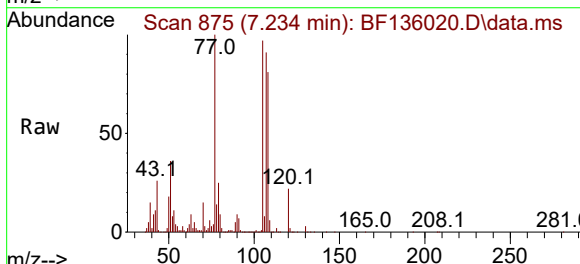
Instrument :
BNA_F
ClientSampleId :
222MSD

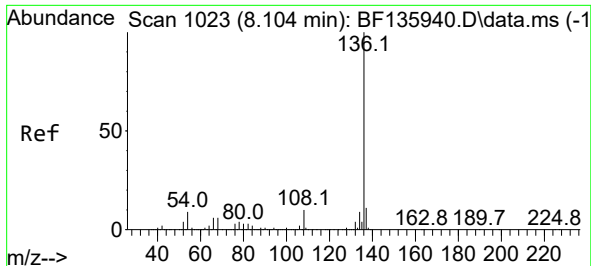
Tgt Ion: 70 Resp: 306964
Ion Ratio Lower Upper
70 100
42 55.8 47.3 70.9
101 9.8 7.8 11.8
130 23.0 16.9 25.3



#20
3+4-Methylphenols
Concen: 43.025 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

Tgt Ion: 107 Resp: 447959
Ion Ratio Lower Upper
107 100
108 89.0 69.1 109.1
77 110.3 55.0 95.0#
79 27.5 7.7 47.7

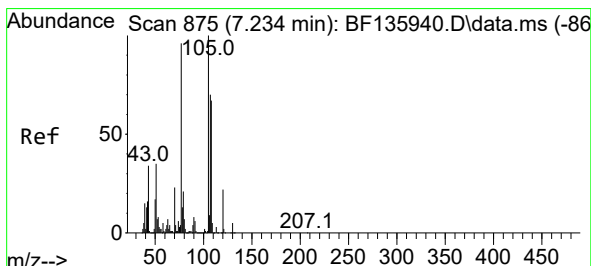
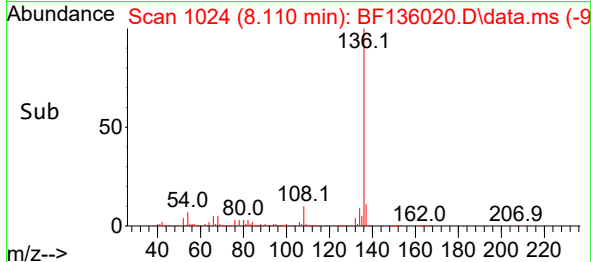
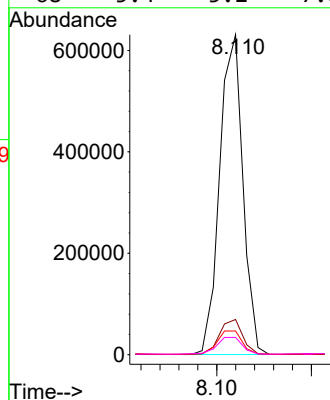
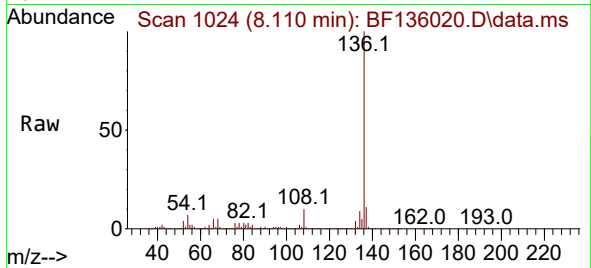




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

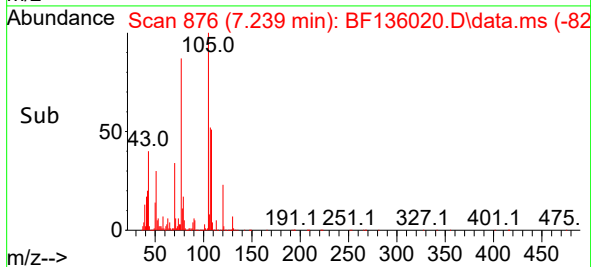
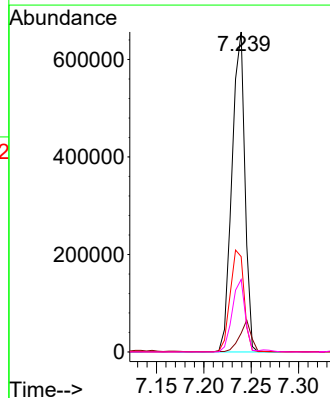
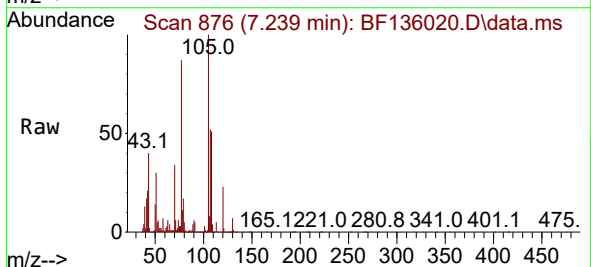
Instrument :
BNA_F
ClientSampleId :
222MSD

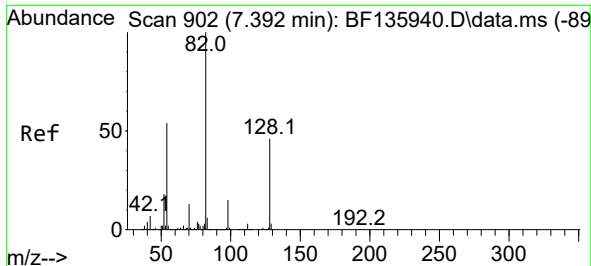
Tgt Ion:136 Resp: 537036
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 7.4 7.1 10.7
68 5.4 5.2 7.8



#22
Acetophenone
Concen: 51.417 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.006 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

Tgt Ion:105 Resp: 623664
Ion Ratio Lower Upper
105 100
71 5.9 3.4 5.2#
51 29.8 28.4 42.6
120 22.7 17.8 26.6





#23

Nitrobenzene-d5

Concen: 87.159 ng

RT: 7.392 min Scan# 902

Delta R.T. 0.000 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

Instrument :

BNA_F

ClientSampleId :

222MSD

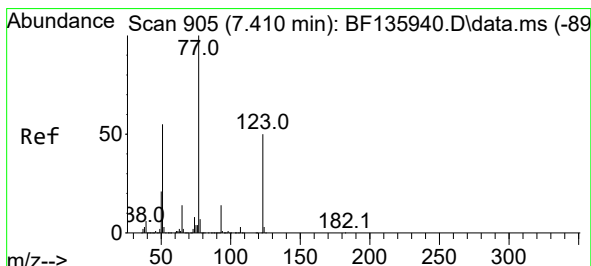
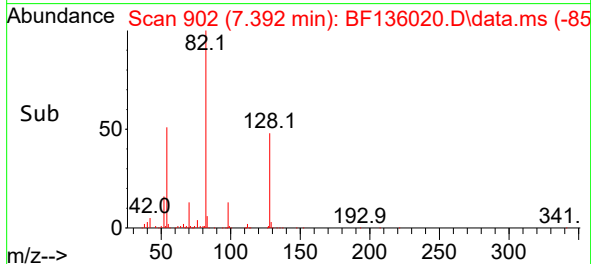
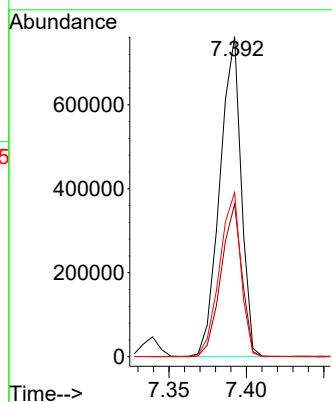
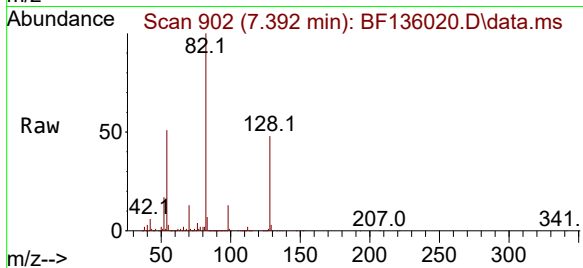
Tgt Ion: 82 Resp: 727173

Ion Ratio Lower Upper

82 100

128 47.7 36.8 55.2

54 51.2 43.4 65.0



#24

Nitrobenzene

Concen: 51.746 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

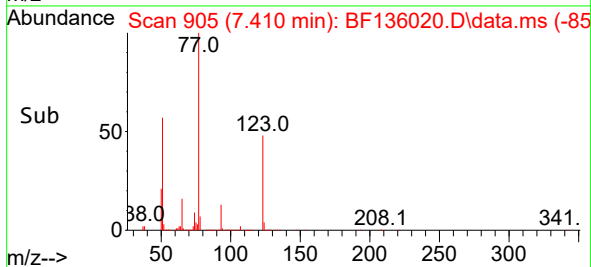
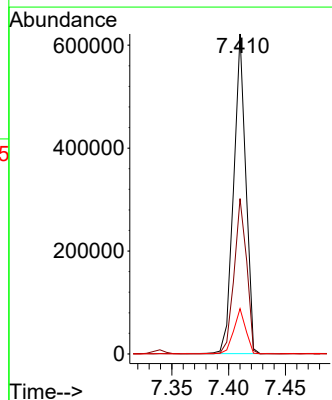
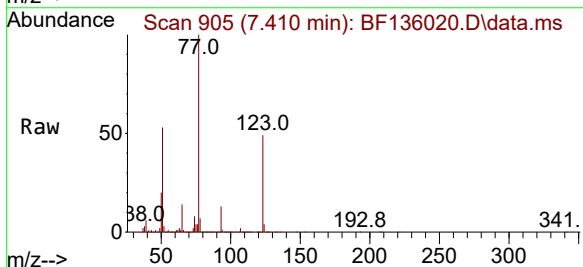
Tgt Ion: 77 Resp: 462105

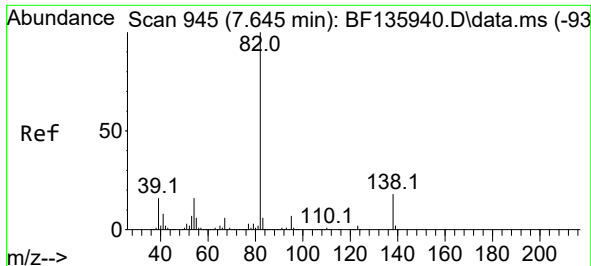
Ion Ratio Lower Upper

77 100

123 48.5 40.2 60.2

65 14.1 11.0 16.4

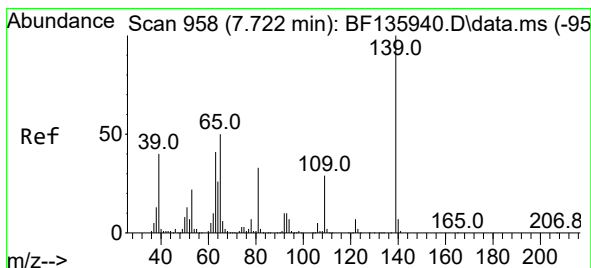
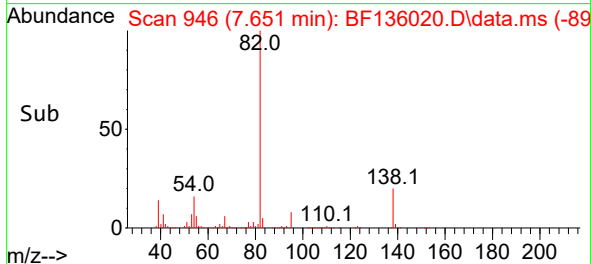
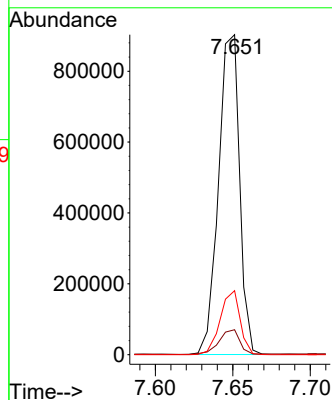
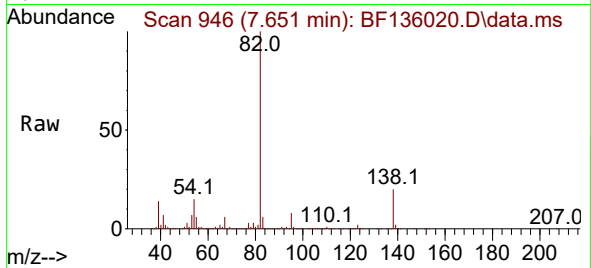




#25
Isophorone
Concen: 50.269 ng
RT: 7.651 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

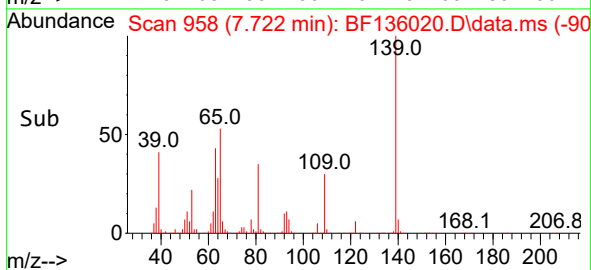
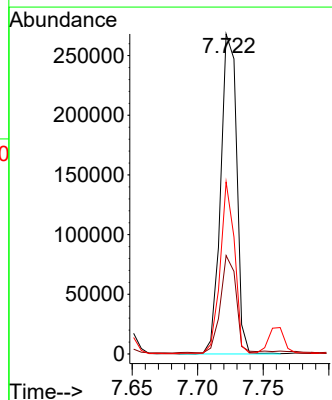
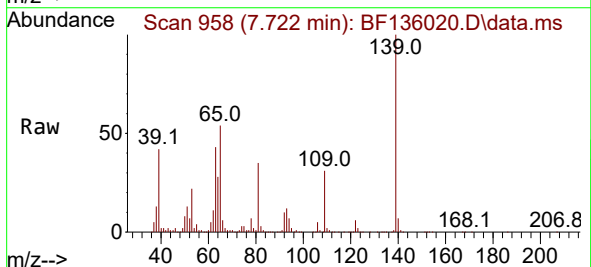
Instrument :
BNA_F
ClientSampleId :
222MSD

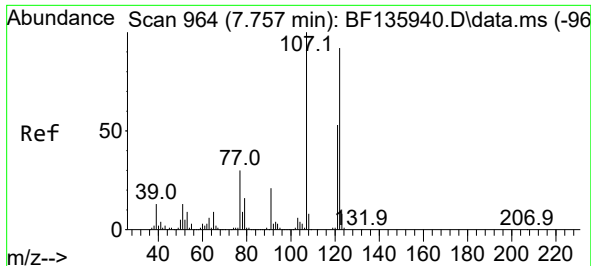
Tgt Ion: 82 Resp: 853320
Ion Ratio Lower Upper
82 100
95 7.8 5.6 8.4
138 20.0 14.8 22.2



#26
2-Nitrophenol
Concen: 63.076 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

Tgt Ion:139 Resp: 227454
Ion Ratio Lower Upper
139 100
109 30.7 23.1 34.7
65 53.7 39.8 59.8

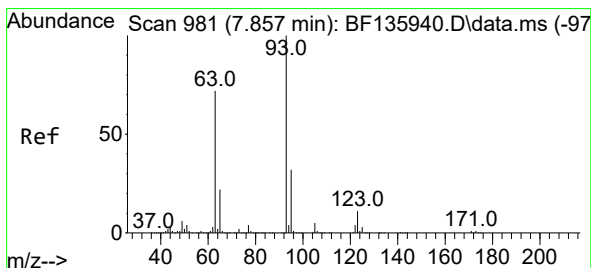
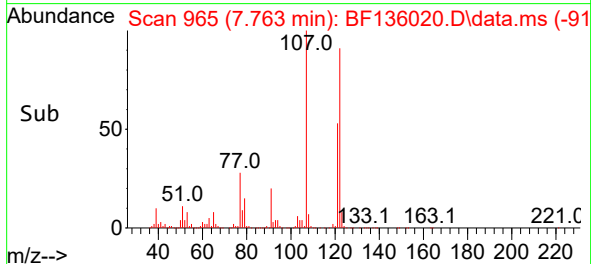
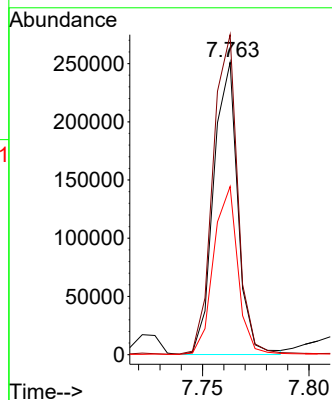
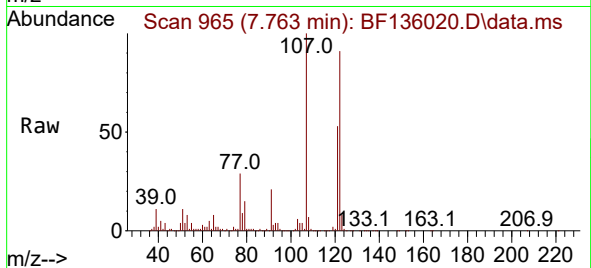




#27
2,4-Dimethylphenol
Concen: 25.587 ng
RT: 7.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

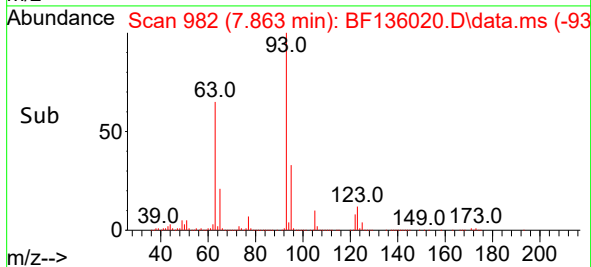
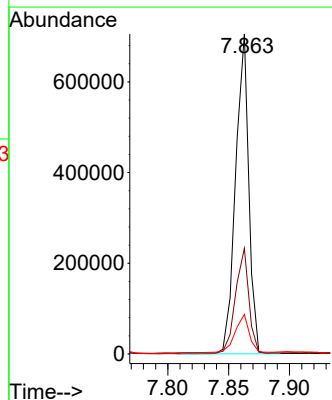
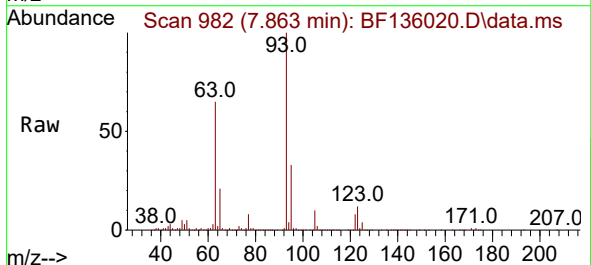
Instrument :
BNA_F
ClientSampleId :
222MSD

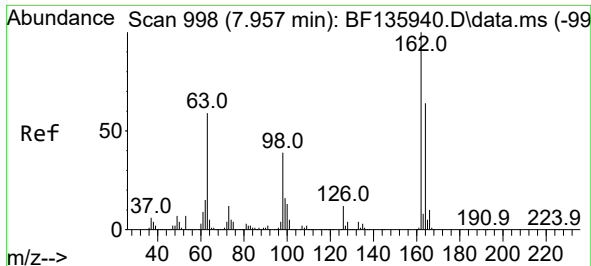
Tgt Ion:122 Resp: 197955
Ion Ratio Lower Upper
122 100
107 109.5 87.1 130.7
121 57.5 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 50.809 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

Tgt Ion: 93 Resp: 529638
Ion Ratio Lower Upper
93 100
95 33.0 25.9 38.9
123 12.4 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 53.988 ng

RT: 7.963 min Scan# 99

Delta R.T. 0.006 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

Instrument :

BNA_F

ClientSampleId :

222MSD

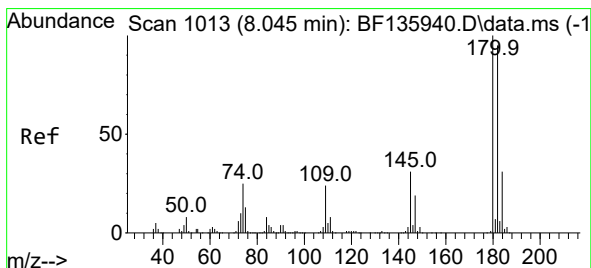
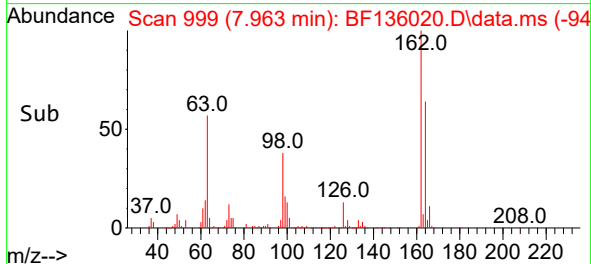
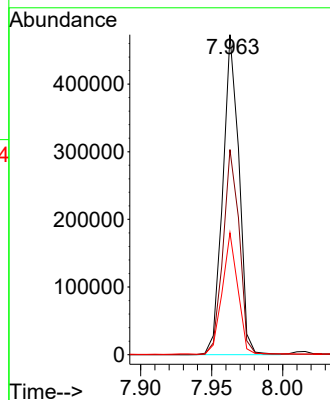
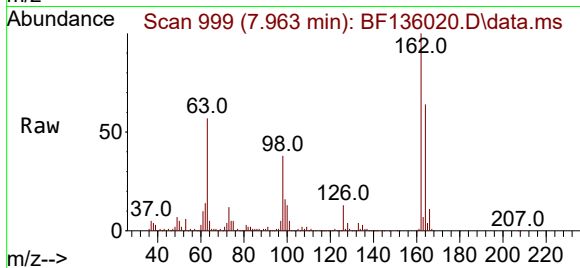
Tgt Ion:162 Resp: 374032

Ion Ratio Lower Upper

162 100

164 64.1 43.7 83.7

98 38.1 18.8 58.8



#30

1,2,4-Trichlorobenzene

Concen: 52.159 ng

RT: 8.051 min Scan# 1014

Delta R.T. 0.006 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

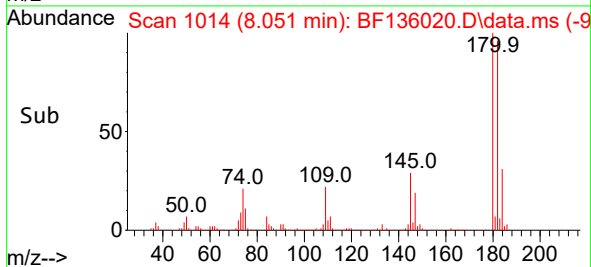
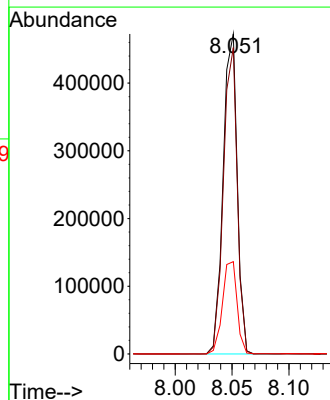
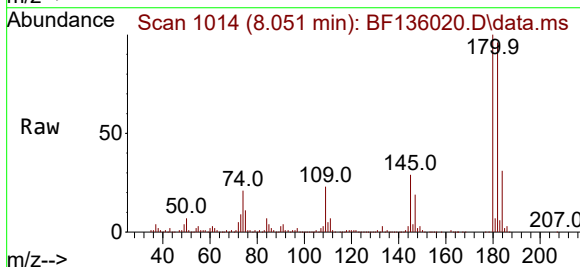
Tgt Ion:180 Resp: 409142

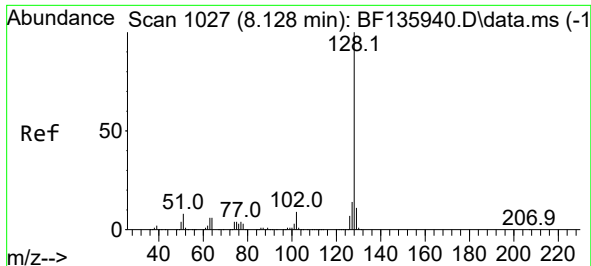
Ion Ratio Lower Upper

180 100

182 95.8 76.0 114.0

145 28.8 24.6 36.8

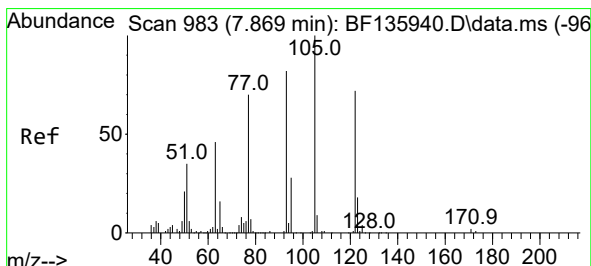
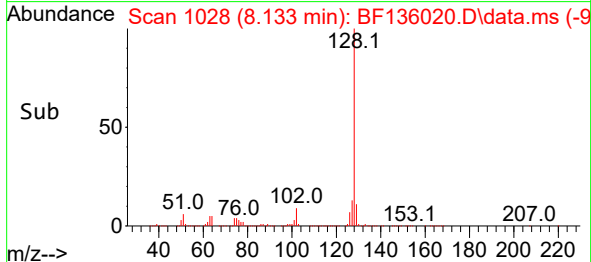
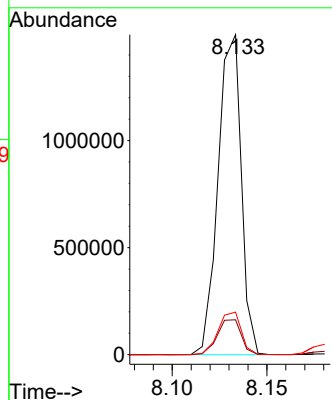
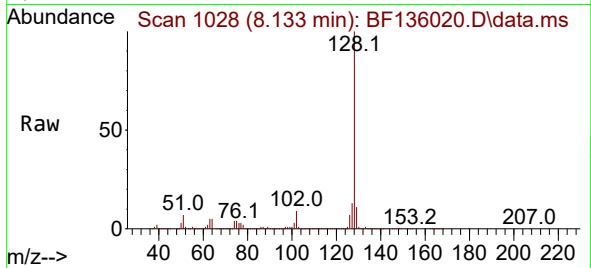




#31
Naphthalene
Concen: 49.081 ng
RT: 8.133 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

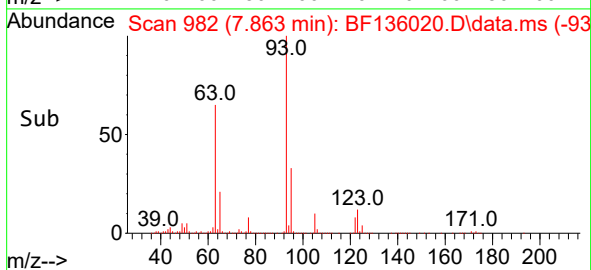
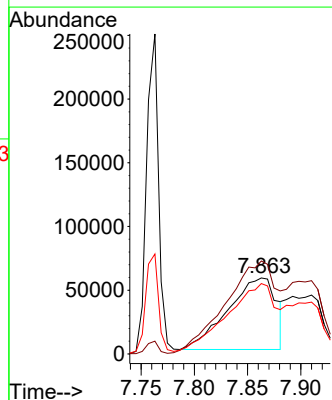
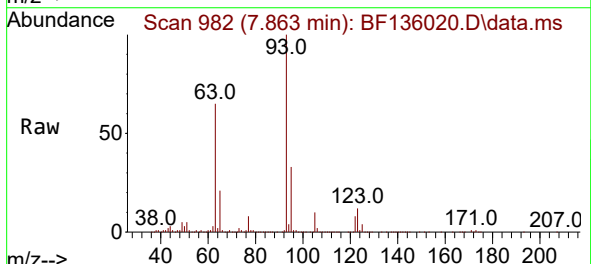
Instrument :
BNA_F
ClientSampleId :
222MSD

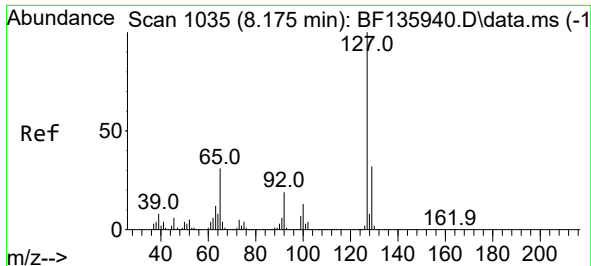
Tgt Ion:128 Resp: 1274370
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.3 10.9 16.3



#32
Benzoic acid
Concen: 47.985 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

Tgt Ion:122 Resp: 177514
Ion Ratio Lower Upper
122 100
105 122.5 113.1 153.1
77 92.8 75.2 115.2

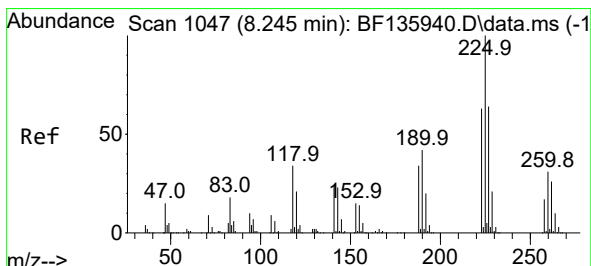
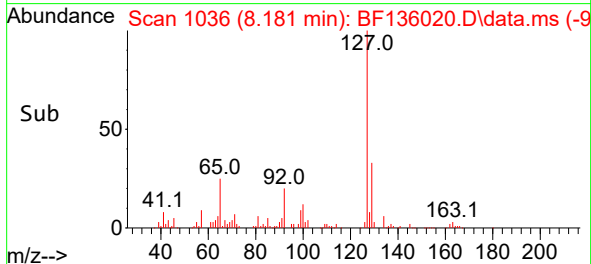
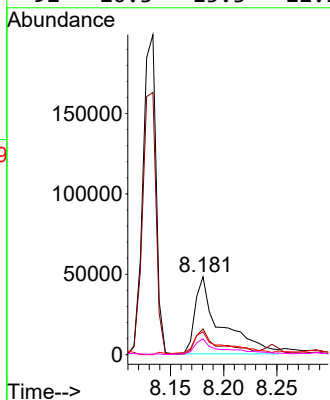
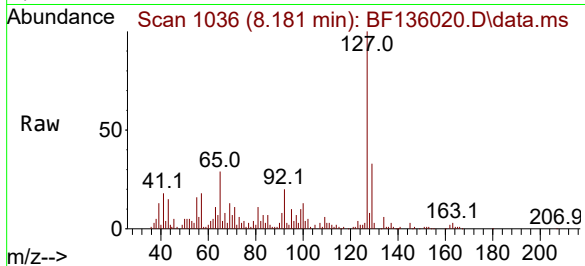




#33
4-Chloroaniline
Concen: 7.052 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.006 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

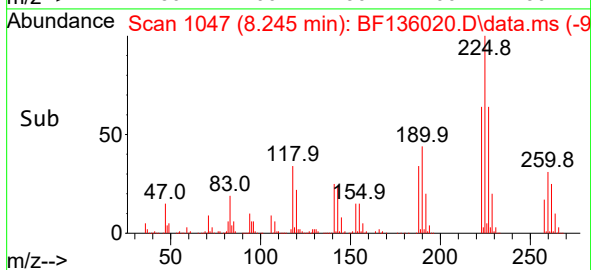
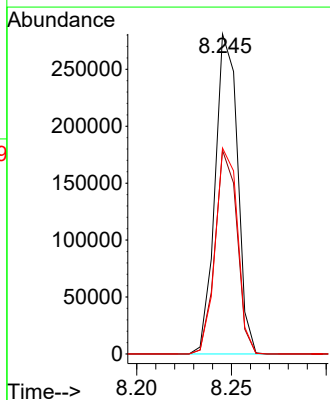
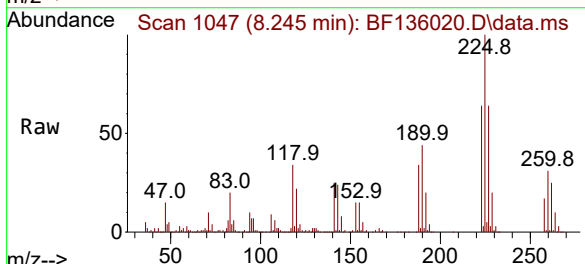
Instrument :
BNA_F
ClientSampleId :
222MSD

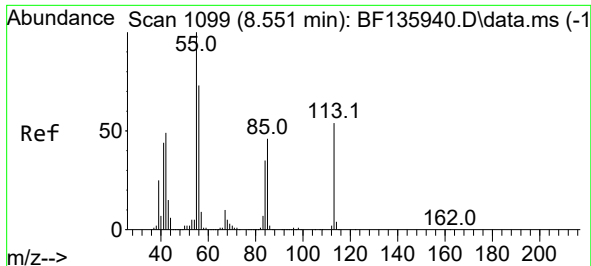
Tgt Ion:	127	Resp:	80928
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.7	38.5
65	29.4	24.8	37.2
92	20.3	15.3	22.9



#34
Hexachlorobutadiene
Concen: 52.424 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

Tgt Ion:	225	Resp:	231782
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	75.8
227	64.4	50.9	76.3

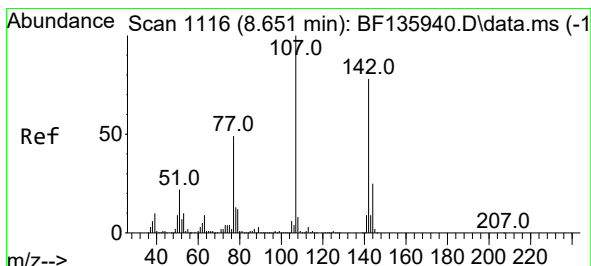
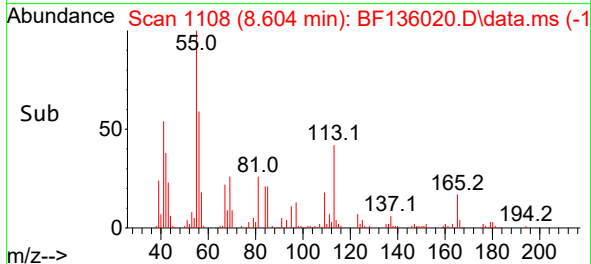
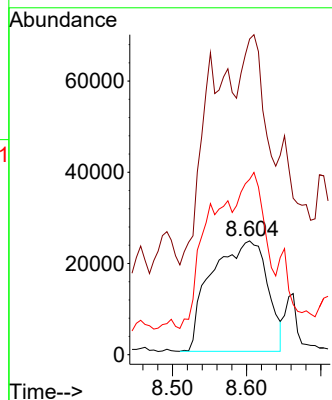
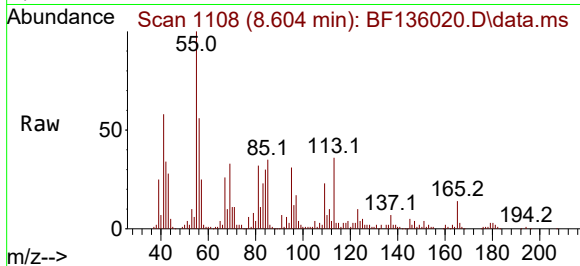




#35
 Caprolactam
 Concen: 54.972 ng
 RT: 8.604 min Scan# 1108
 Delta R.T. 0.053 min
 Lab File: BF136020.D
 Acq: 28 Oct 2023 22:54

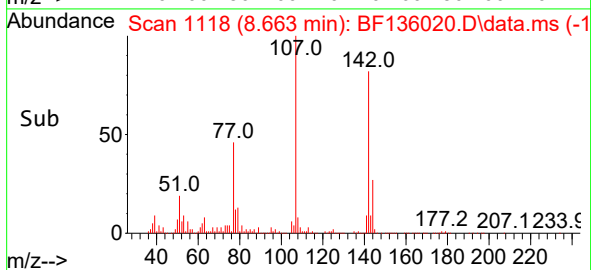
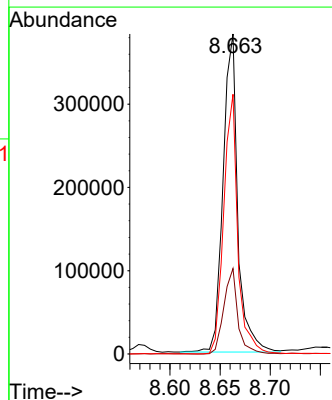
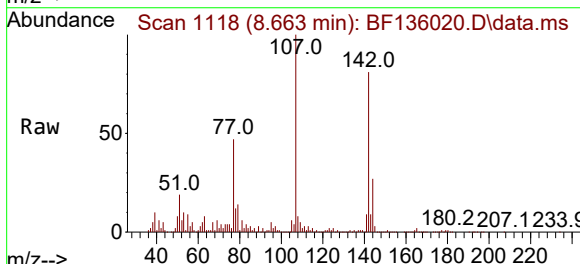
Instrument :
 BNA_F
 ClientSampleId :
 222MSD

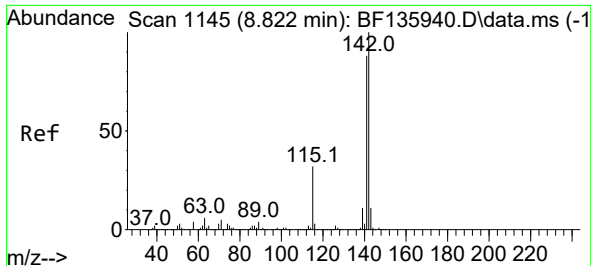
Tgt Ion:113 Resp: 126736
 Ion Ratio Lower Upper
 113 100
 55 277.4 165.4 205.4#
 56 154.1 115.2 155.2



#36
 4-Chloro-3-methylphenol
 Concen: 52.864 ng
 RT: 8.663 min Scan# 1118
 Delta R.T. 0.012 min
 Lab File: BF136020.D
 Acq: 28 Oct 2023 22:54

Tgt Ion:107 Resp: 389204
 Ion Ratio Lower Upper
 107 100
 144 26.7 19.9 29.9
 142 81.1 62.8 94.2

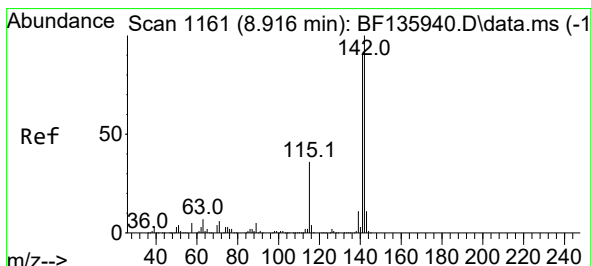
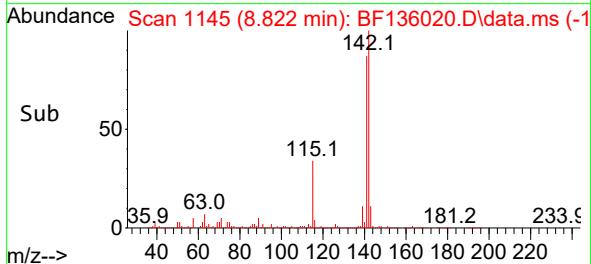
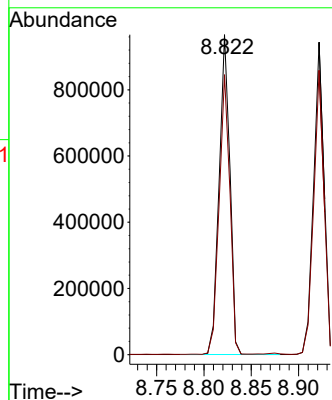
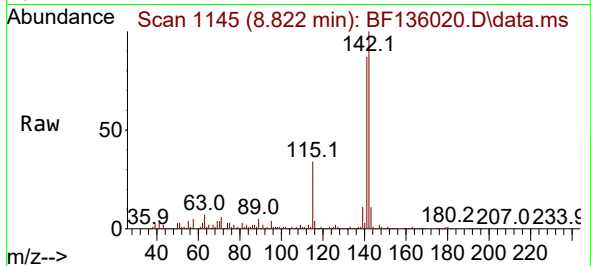




#37
2-Methylnaphthalene
Concen: 44.338 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

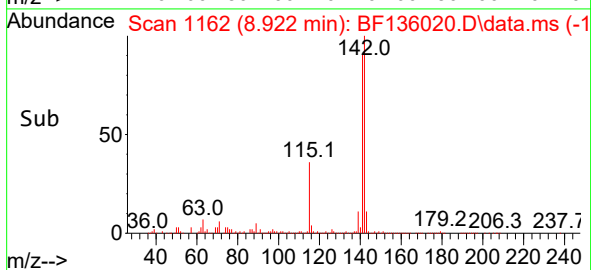
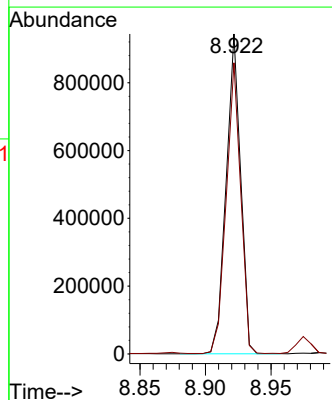
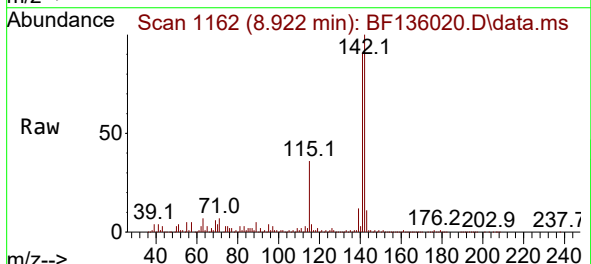
Instrument :
BNA_F
ClientSampleId :
222MSD

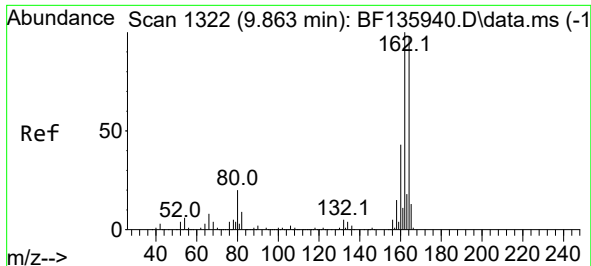
Tgt Ion:142 Resp: 761688
Ion Ratio Lower Upper
142 100
141 87.5 70.4 105.6



#38
1-Methylnaphthalene
Concen: 45.158 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

Tgt Ion:142 Resp: 724881
Ion Ratio Lower Upper
142 100
141 91.0 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1173

Delta R.T. 0.029 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

Instrument :

BNA_F

ClientSampleId :

222MSD

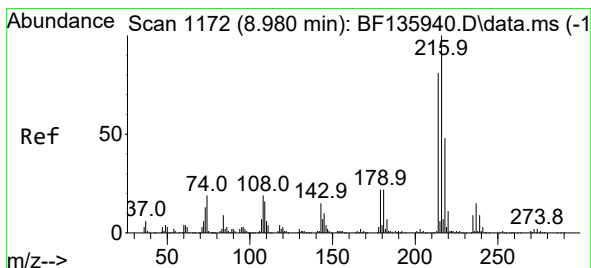
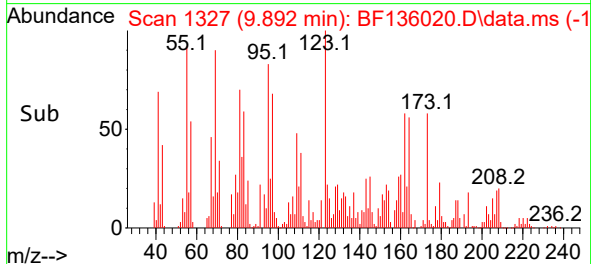
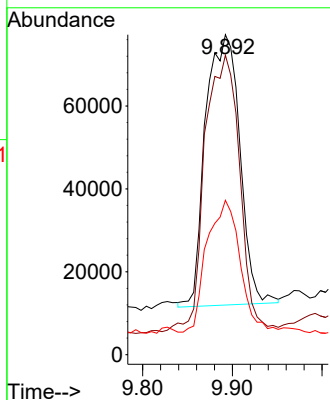
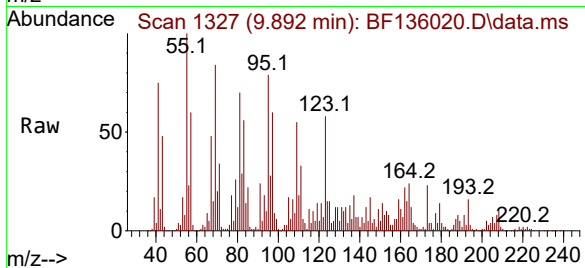
Tgt Ion:164 Resp: 172405

Ion Ratio Lower Upper

164 100

162 93.6 82.0 123.0

160 48.2 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 72.969 ng

RT: 8.986 min Scan# 1173

Delta R.T. 0.006 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

Tgt Ion:216 Resp: 355313

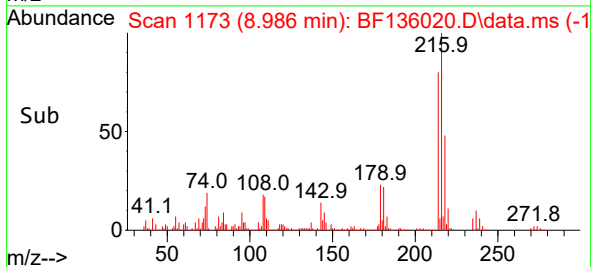
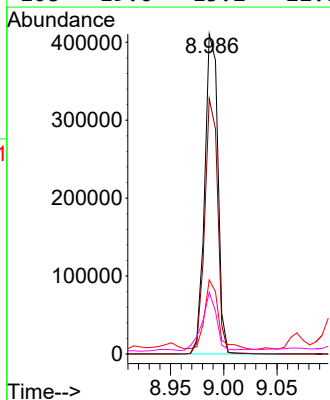
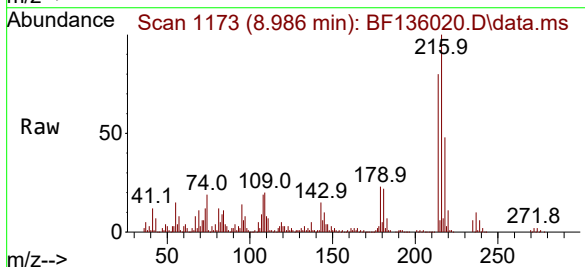
Ion Ratio Lower Upper

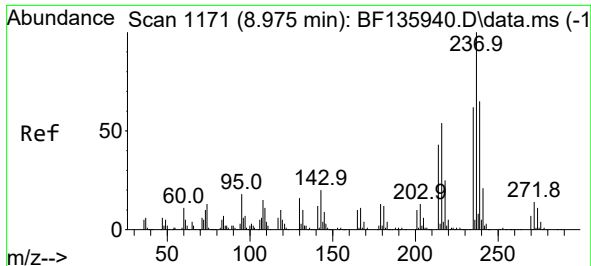
216 100

214 78.4 63.3 94.9

179 23.5 17.3 25.9

108 19.6 15.2 22.8

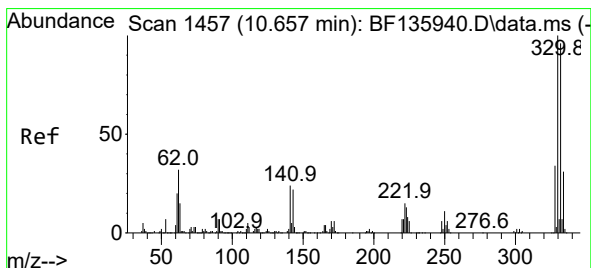
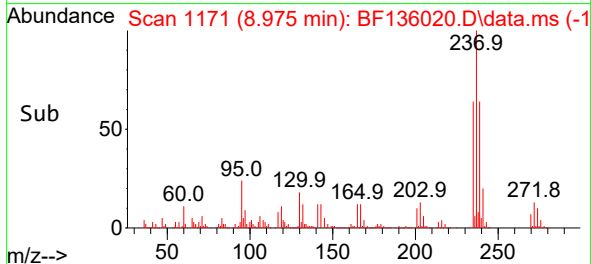
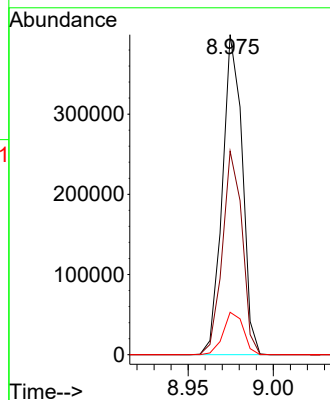
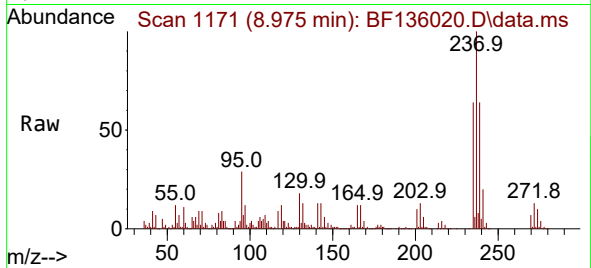




#41
Hexachlorocyclopentadiene
Concen: 135.226 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

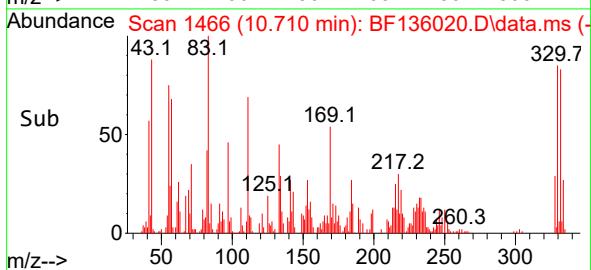
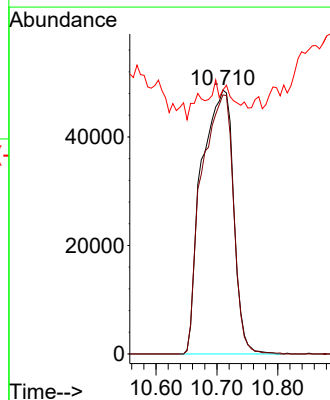
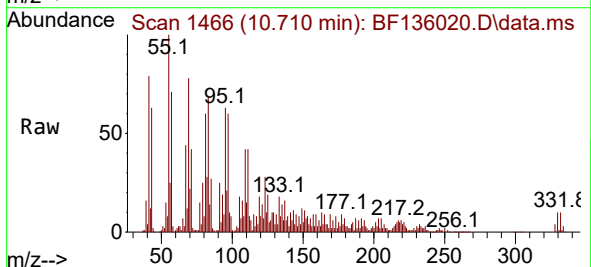
Instrument :
BNA_F
ClientSampleId :
222MSD

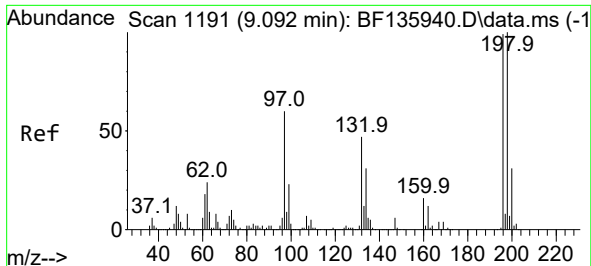
Tgt Ion:237 Resp: 324682
Ion Ratio Lower Upper
237 100
235 63.6 41.7 81.7
272 13.3 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 117.124 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.053 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

Tgt Ion:330 Resp: 176747
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.2
141 0.0 24.9 37.3#





#43

2,4,6-Trichlorophenol

Concen: 79.657 ng

RT: 9.098 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

Instrument :

BNA_F

ClientSampleId :

222MSD

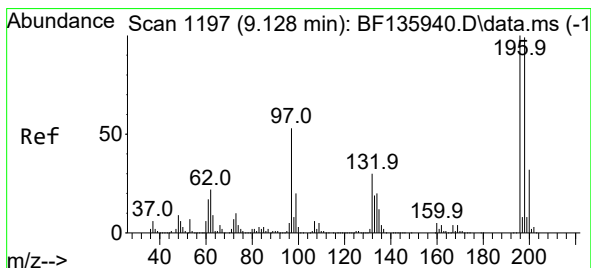
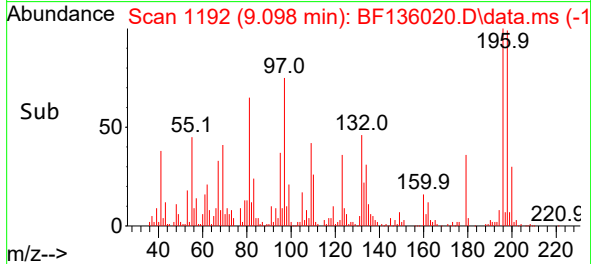
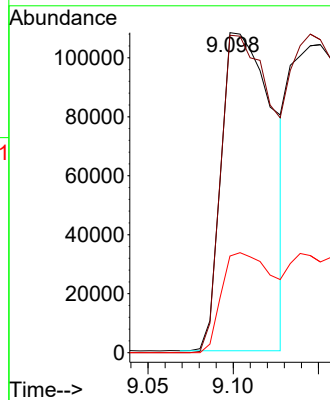
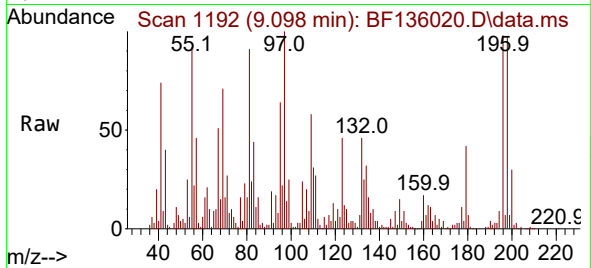
Tgt Ion:196 Resp: 227023

Ion Ratio Lower Upper

196 100

198 99.2 81.0 121.4

200 30.2 25.4 38.0



#44

2,4,5-Trichlorophenol

Concen: 77.253 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.024 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

Tgt Ion:196 Resp: 261413

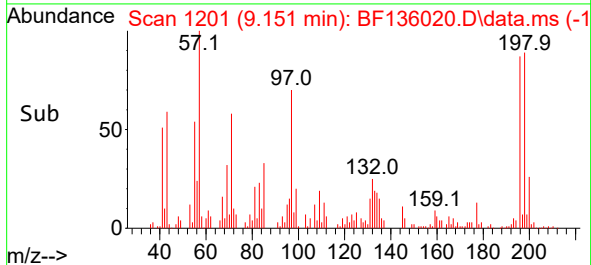
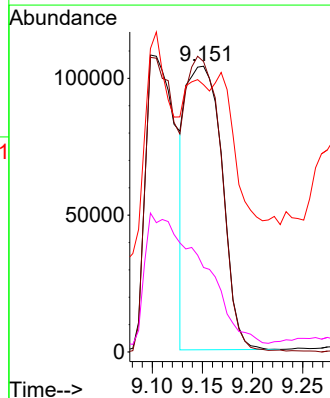
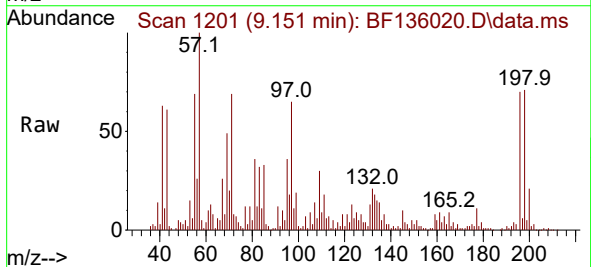
Ion Ratio Lower Upper

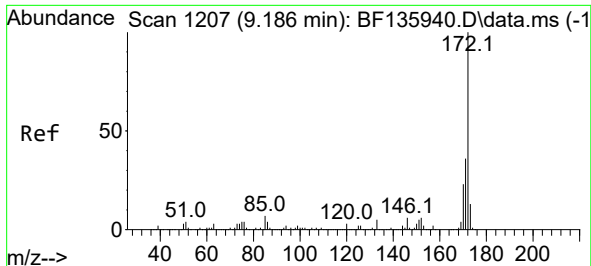
196 100

198 101.6 79.1 118.7

97 93.5 42.3 63.5#

132 29.6 24.0 36.0

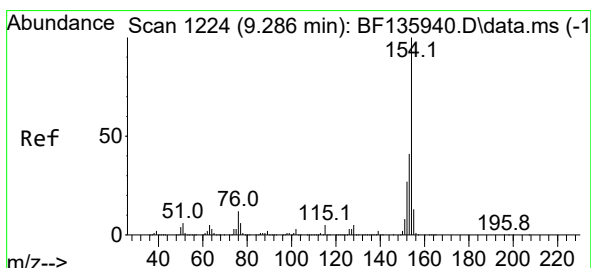
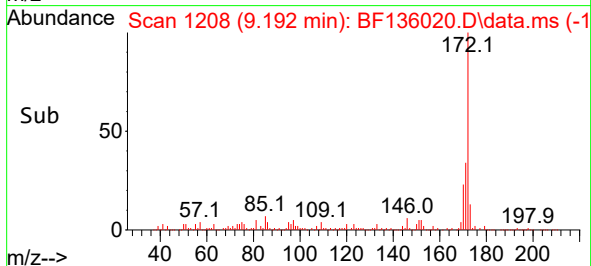
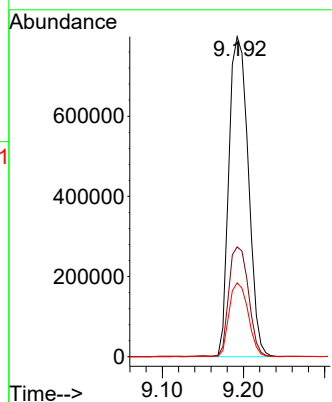
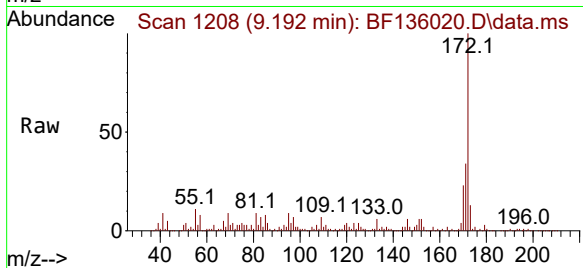




#45
2-Fluorobiphenyl
Concen: 122.966 ng
RT: 9.192 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

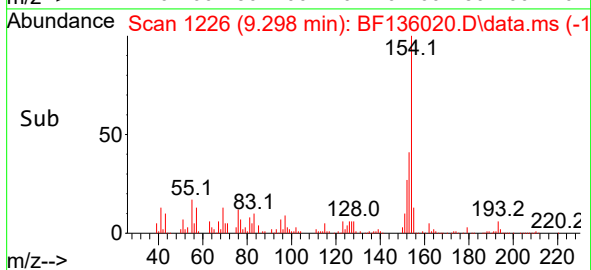
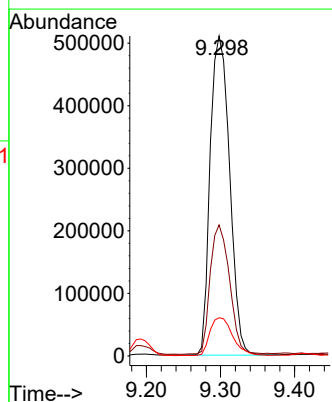
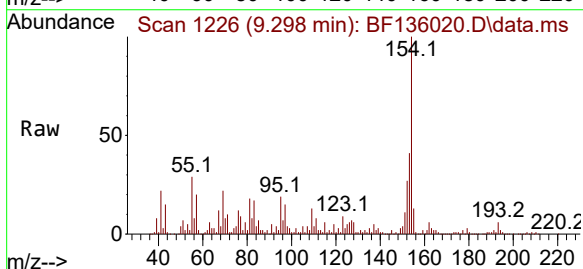
Instrument :
BNA_F
ClientSampleId :
222MSD

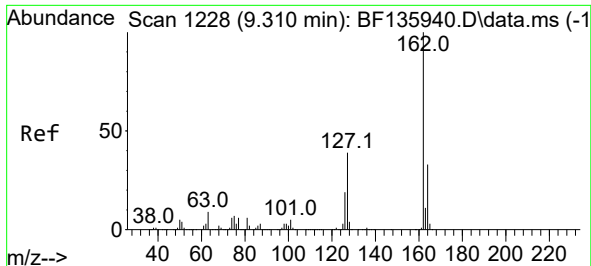
Tgt Ion:172 Resp: 1323964
Ion Ratio Lower Upper
172 100
171 34.3 28.6 43.0
170 23.1 18.6 28.0



#46
1,1'-Biphenyl
Concen: 71.391 ng
RT: 9.298 min Scan# 1226
Delta R.T. 0.012 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

Tgt Ion:154 Resp: 932620
Ion Ratio Lower Upper
154 100
153 40.9 20.7 60.7
76 12.0 0.0 32.4

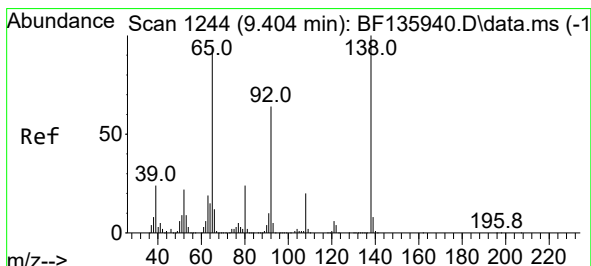
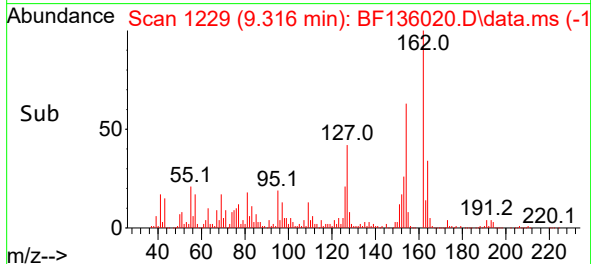
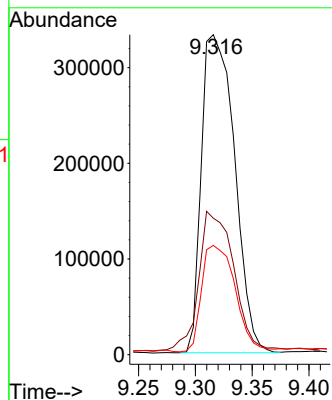
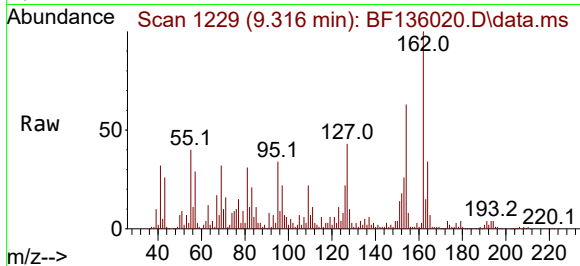




#47
2-Chloronaphthalene
Concen: 69.907 ng
RT: 9.316 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

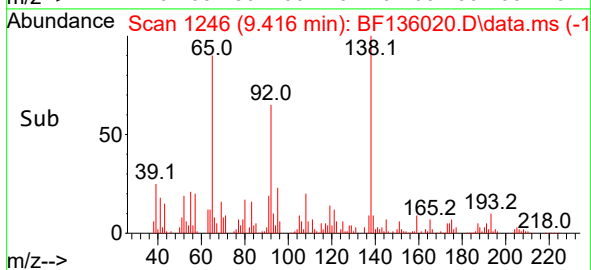
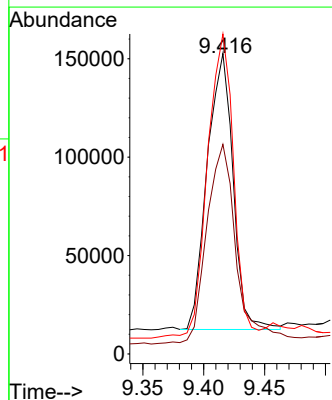
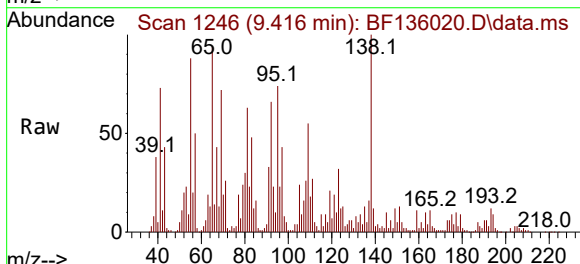
Instrument :
BNA_F
ClientSampleId :
222MSD

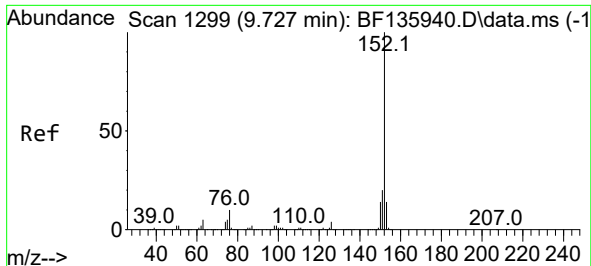
Tgt Ion:162 Resp: 675494
Ion Ratio Lower Upper
162 100
127 42.7 31.0 46.4
164 34.1 26.6 39.8



#48
2-Nitroaniline
Concen: 70.934 ng
RT: 9.416 min Scan# 1246
Delta R.T. 0.012 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

Tgt Ion: 65 Resp: 207189
Ion Ratio Lower Upper
65 100
92 69.8 54.9 82.3
138 106.5 85.2 127.8

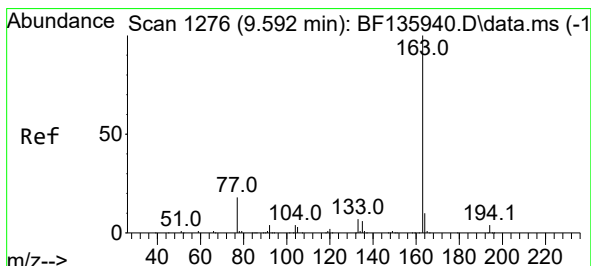
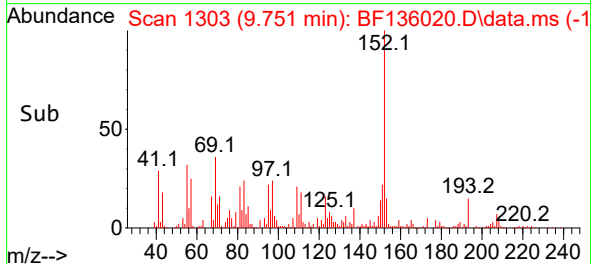
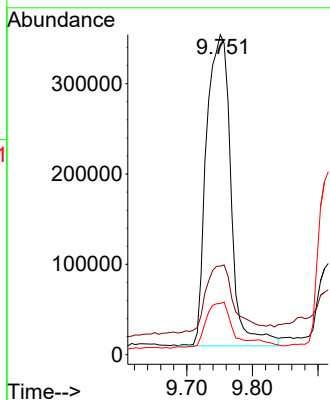
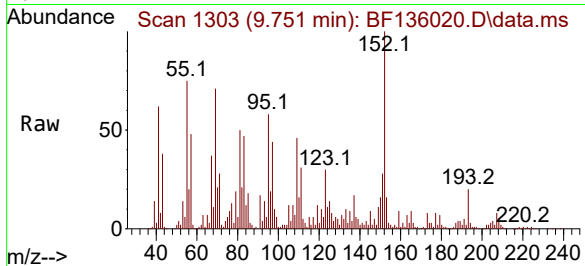




#49
Acenaphthylene
Concen: 58.361 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.024 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

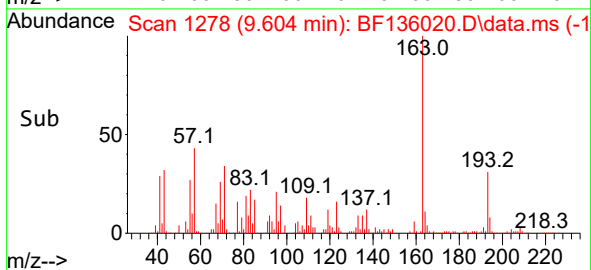
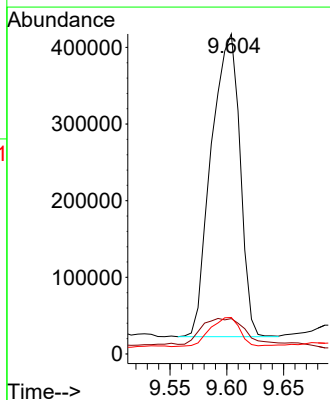
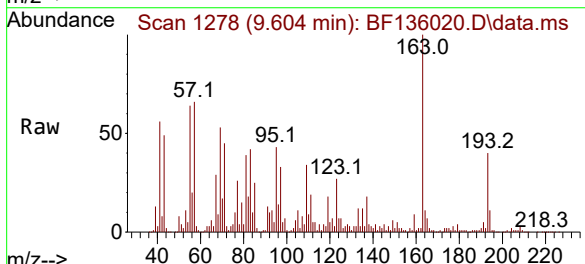
Instrument :
BNA_F
ClientSampleId :
222MSD

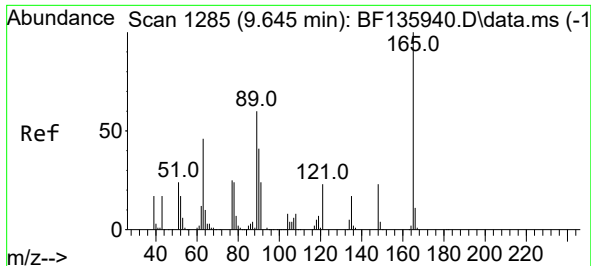
Tgt Ion:152 Resp: 889651
Ion Ratio Lower Upper
152 100
151 27.6 16.0 24.0#
153 16.0 11.0 16.6



#50
Dimethylphthalate
Concen: 62.017 ng
RT: 9.604 min Scan# 1278
Delta R.T. 0.012 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

Tgt Ion:163 Resp: 693378
Ion Ratio Lower Upper
163 100
194 11.1 3.4 5.0#
164 11.4 8.3 12.5

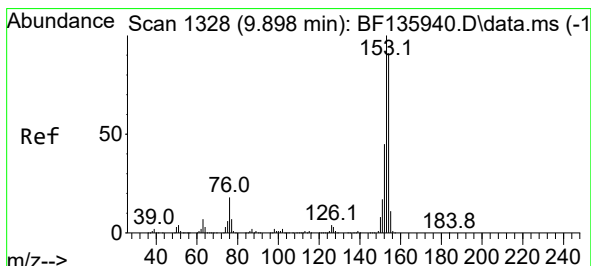
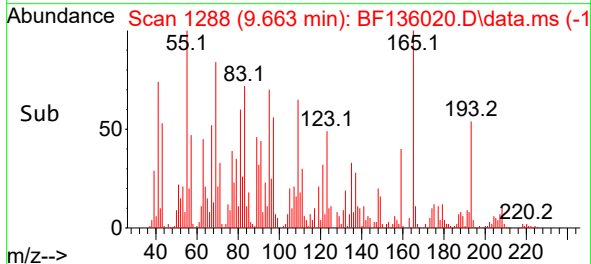
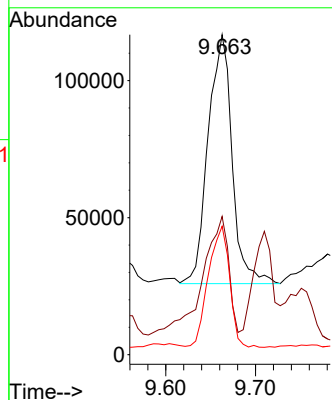
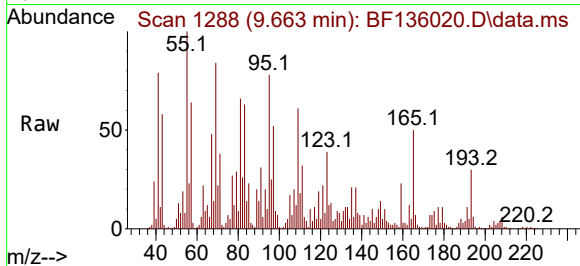




#51
2,6-Dinitrotoluene
Concen: 70.367 ng
RT: 9.663 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

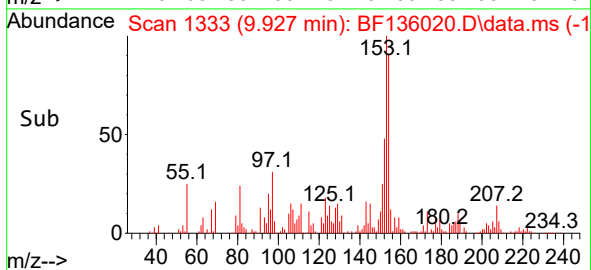
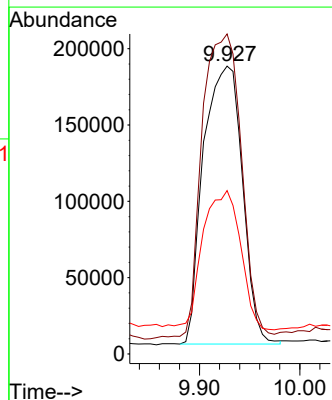
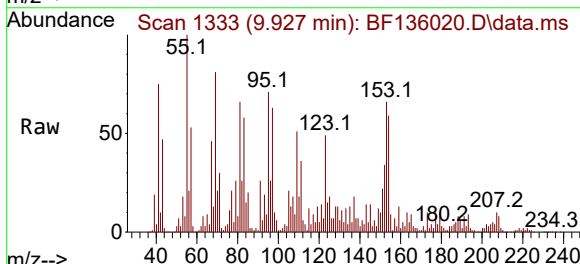
Instrument :
BNA_F
ClientSampleId :
222MSD

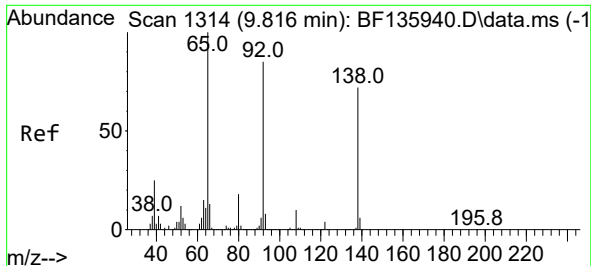
Tgt Ion:165 Resp: 168946
Ion Ratio Lower Upper
165 100
63 43.2 51.7 77.5#
89 40.1 48.3 72.5#



#52
Acenaphthene
Concen: 50.223 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.029 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

Tgt Ion:154 Resp: 490652
Ion Ratio Lower Upper
154 100
153 111.2 88.0 132.0
152 56.8 39.4 59.2

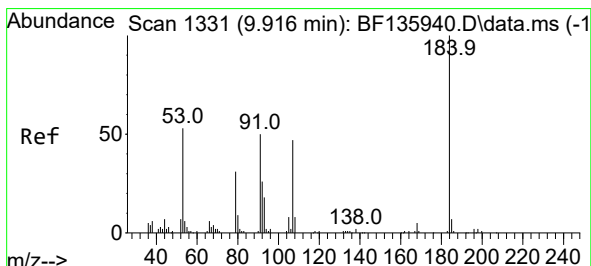
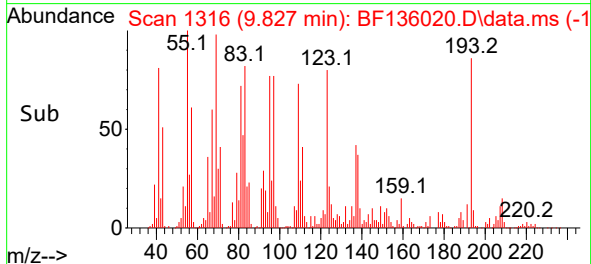
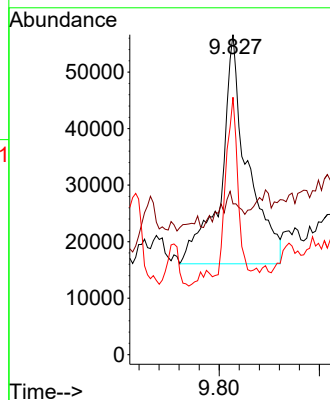
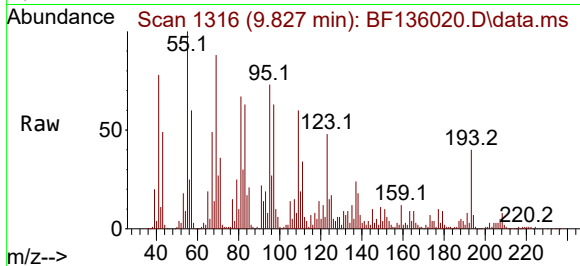




#53
3-Nitroaniline
Concen: 53.100 ng
RT: 9.827 min Scan# 11
Delta R.T. 0.011 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

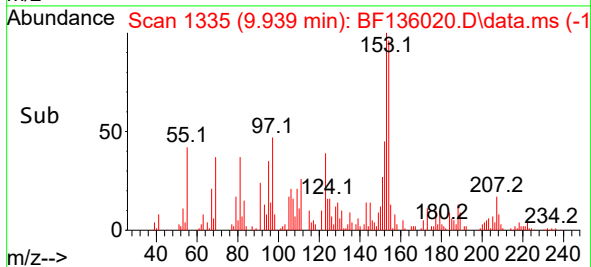
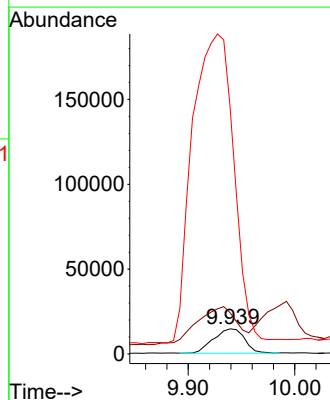
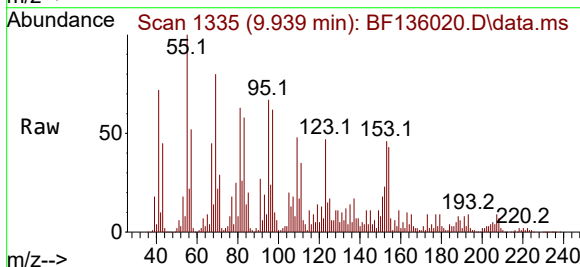
Instrument :
BNA_F
ClientSampleId :
222MSD

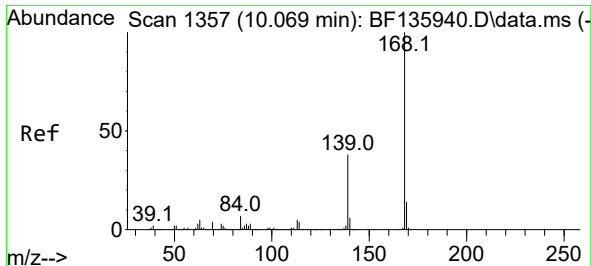
Tgt Ion:138 Resp: 148759
Ion Ratio Lower Upper
138 100
108 47.1 11.3 16.9#
92 80.4 95.0 142.6#



#54
2,4-Dinitrophenol
Concen: 50.016 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.023 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

Tgt Ion:184 Resp: 29321
Ion Ratio Lower Upper
184 100
63 164.6 56.3 84.5#
154 981.2 48.1 72.1#

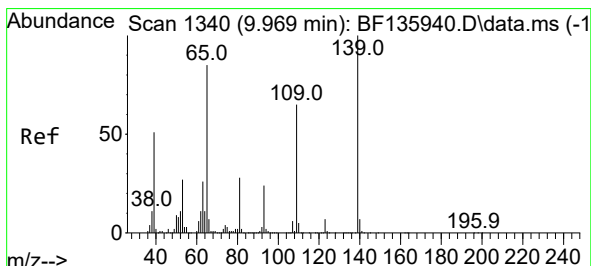
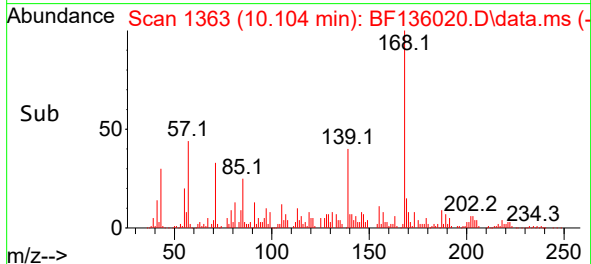
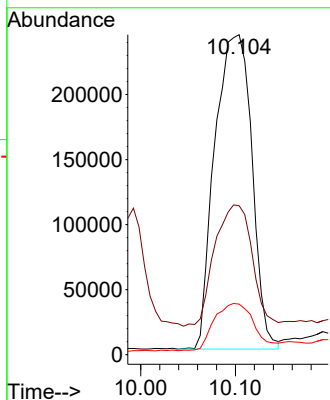
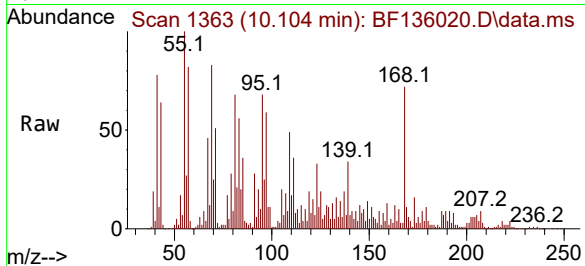




#55
Dibenzofuran
Concen: 46.517 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.035 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

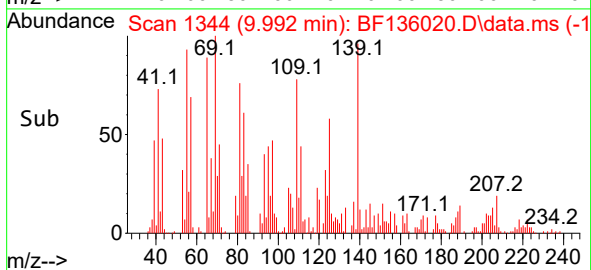
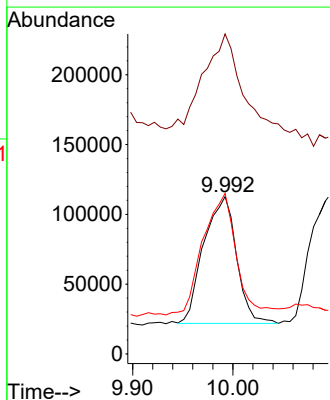
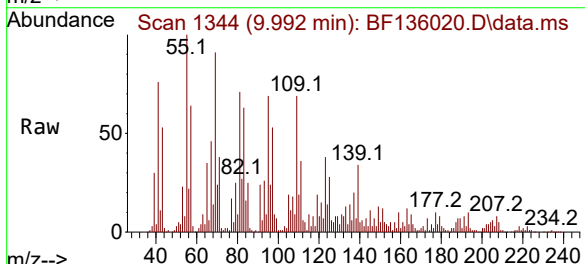
Instrument :
BNA_F
ClientSampleId :
222MSD

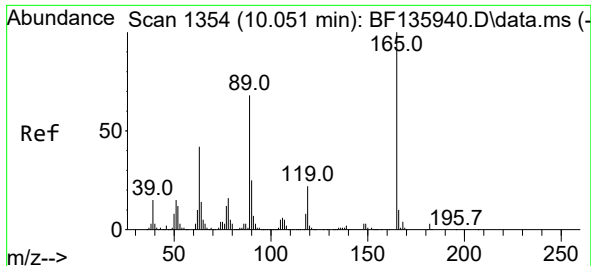
Tgt Ion:168 Resp: 656518
Ion Ratio Lower Upper
168 100
139 46.5 30.7 46.1#
169 15.8 11.1 16.7



#56
4-Nitrophenol
Concen: 90.251 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.023 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

Tgt Ion:139 Resp: 205493
Ion Ratio Lower Upper
139 100
109 203.4 45.2 85.2#
65 102.0 65.1 105.1





#57

2,4-Dinitrotoluene

Concen: 42.540 ng

RT: 10.075 min Scan# 11

Delta R.T. 0.024 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

Instrument :

BNA_F

ClientSampleId :

222MSD

Tgt Ion:165 Resp: 119887

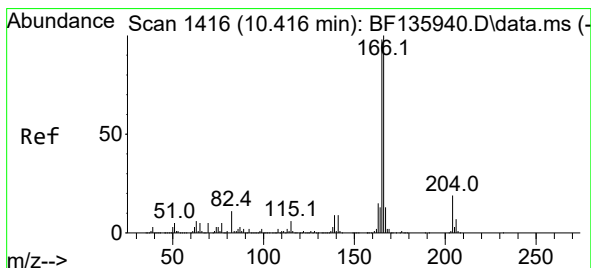
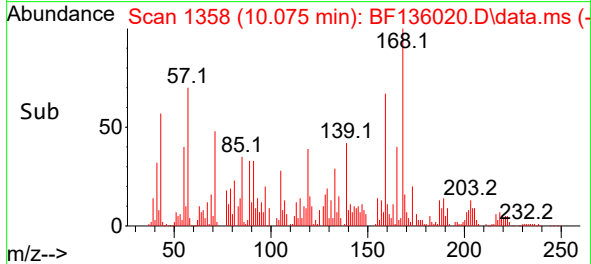
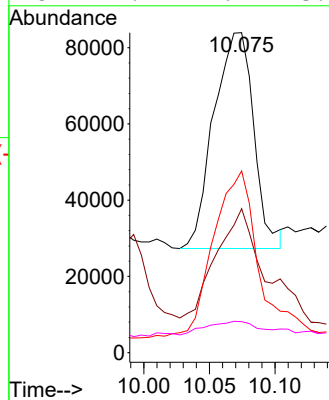
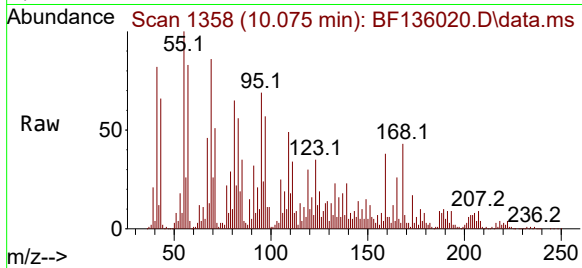
Ion Ratio Lower Upper

165 100

63 45.0 33.7 50.5

89 56.8 54.6 81.8

182 9.7 2.1 3.1#



#58

Fluorene

Concen: 36.312 ng

RT: 10.463 min Scan# 1424

Delta R.T. 0.047 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

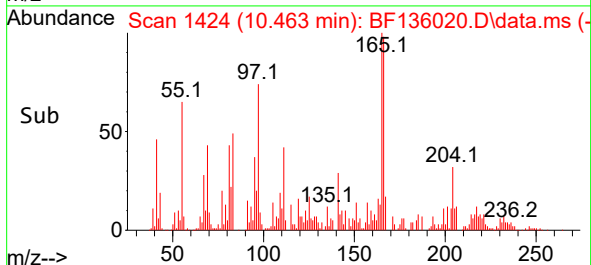
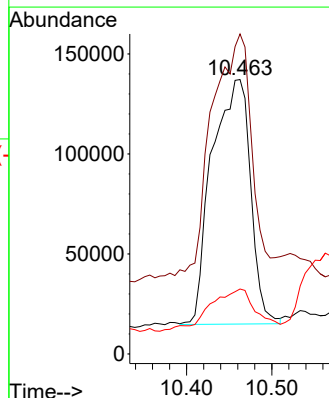
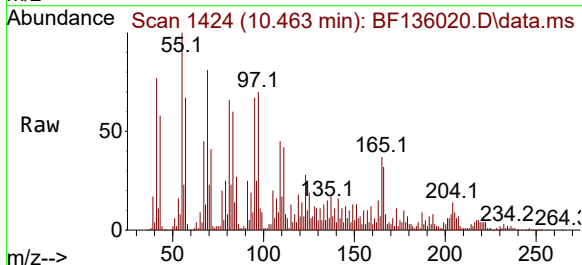
Tgt Ion:166 Resp: 383419

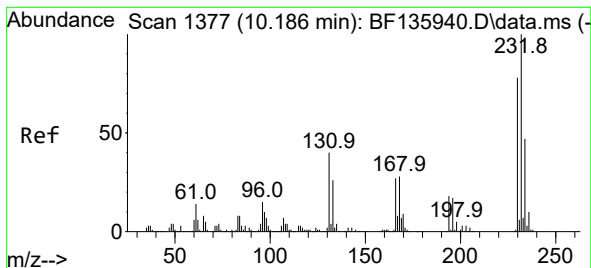
Ion Ratio Lower Upper

166 100

165 116.6 78.0 117.0

167 23.7 10.6 16.0#

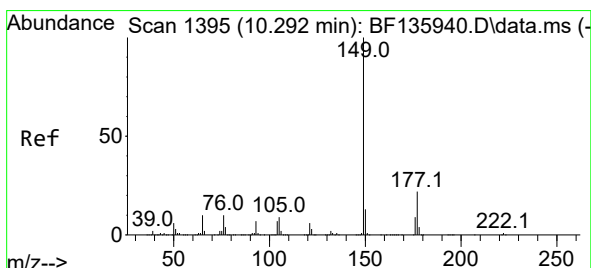
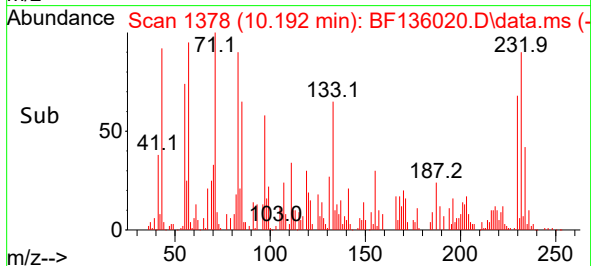
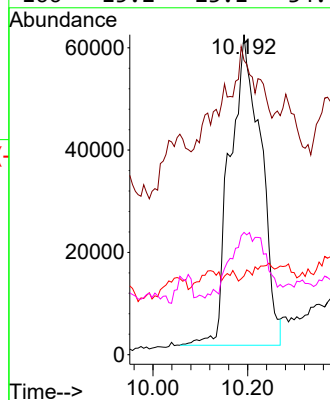
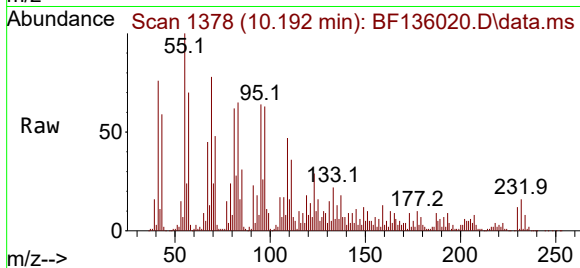




#59
2,3,4,6-Tetrachlorophenol
Concen: 108.157 ng
RT: 10.192 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

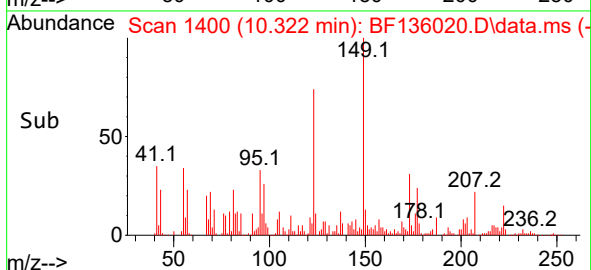
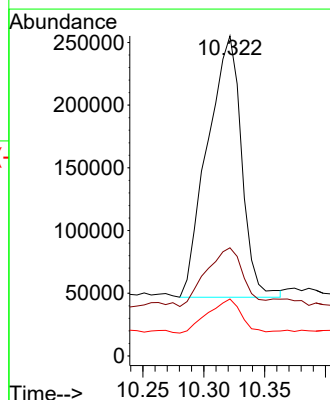
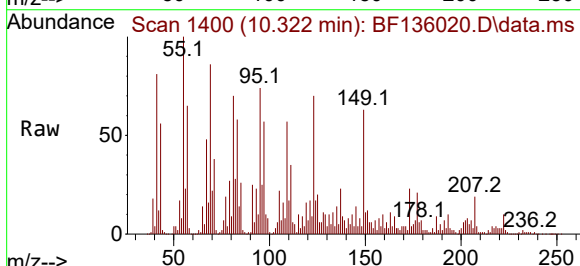
Instrument :
BNA_F
ClientSampleId :
222MSD

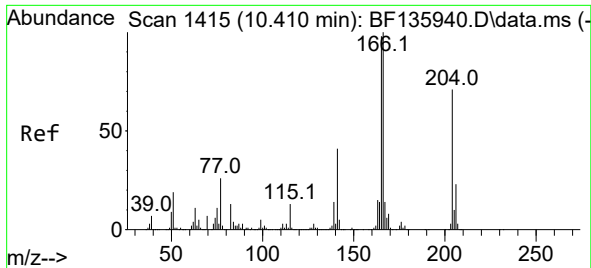
Tgt Ion:232 Resp: 275403
Ion Ratio Lower Upper
232 100
131 6.3 35.2 52.8#
130 0.0 1.7 2.5#
166 15.2 23.1 34.7#



#60
Diethylphthalate
Concen: 38.155 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.029 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

Tgt Ion:149 Resp: 406785
Ion Ratio Lower Upper
149 100
177 33.8 17.9 26.9#
150 17.8 10.2 15.2#

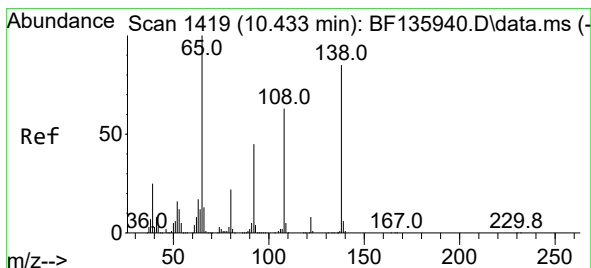
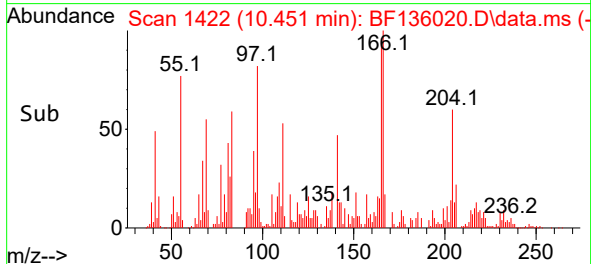
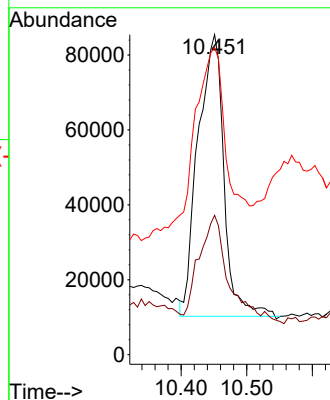
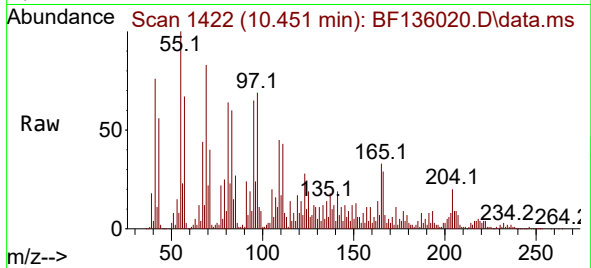




#61
4-Chlorophenyl-phenylether
Concen: 40.551 ng
RT: 10.451 min Scan# 1415
Delta R.T. 0.041 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

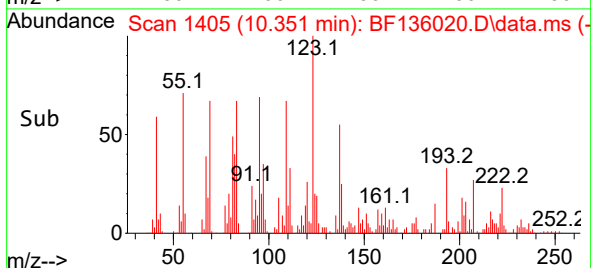
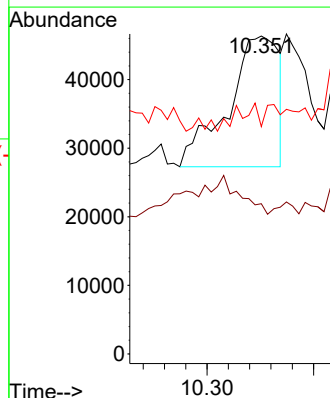
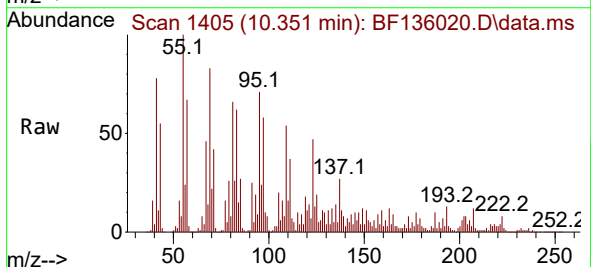
Instrument :
BNA_F
ClientSampleId :
222MSD

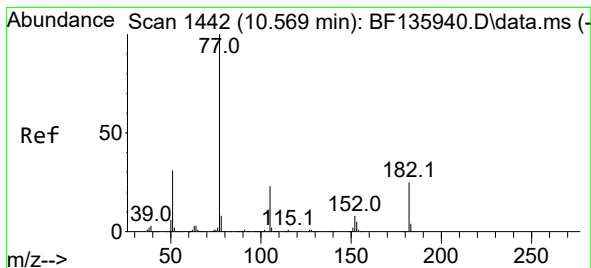
Tgt Ion:204 Resp: 206541
Ion Ratio Lower Upper
204 100
206 43.6 26.4 39.6#
141 96.0 46.2 69.2#



#62
4-Nitroaniline
Concen: 25.437 ng
RT: 10.351 min Scan# 1405
Delta R.T. -0.082 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

Tgt Ion:138 Resp: 63210
Ion Ratio Lower Upper
138 100
92 47.2 32.9 72.9
108 71.5 53.5 93.5





#63

Azobenzene

Concen: 22.844 ng

RT: 10.622 min Scan# 1442

Delta R.T. 0.053 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

Instrument :

BNA_F

ClientSampleId :

222MSD

Tgt Ion: 77 Resp: 247156

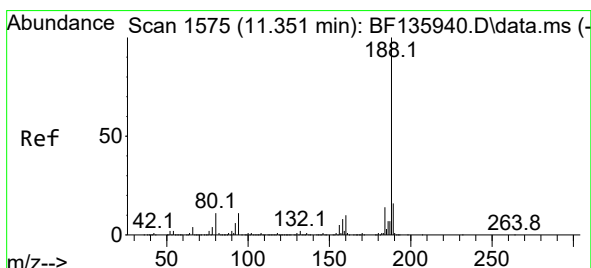
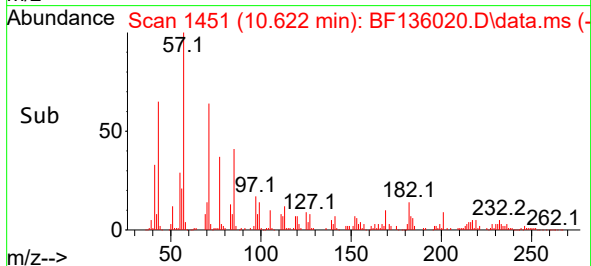
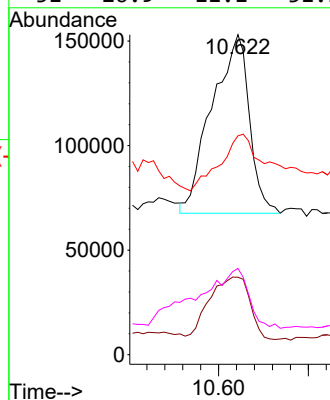
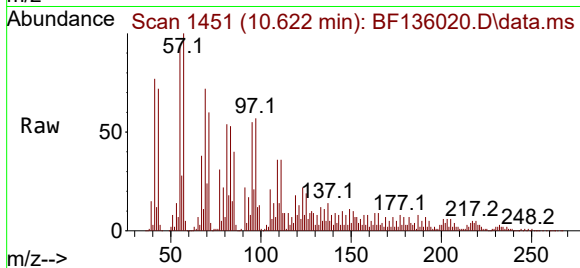
Ion Ratio Lower Upper

77 100

182 24.2 5.1 45.1

105 68.4 2.8 42.8#

51 26.9 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 1592

Delta R.T. 0.100 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

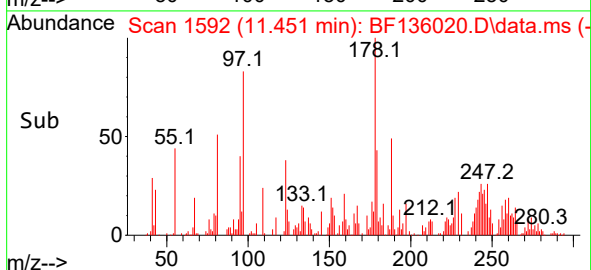
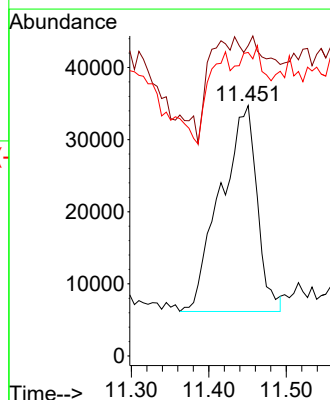
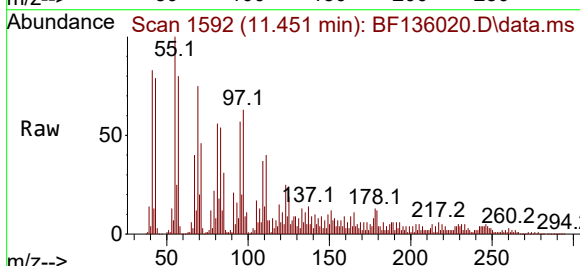
Tgt Ion:188 Resp: 93743

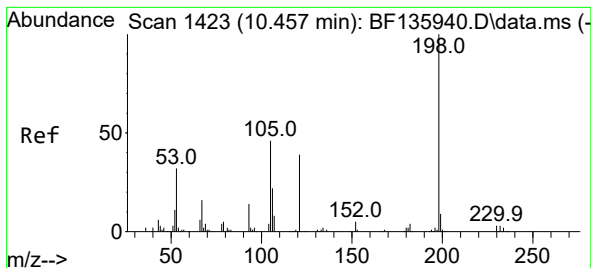
Ion Ratio Lower Upper

188 100

94 123.9 8.6 13.0#

80 121.2 9.0 13.6#

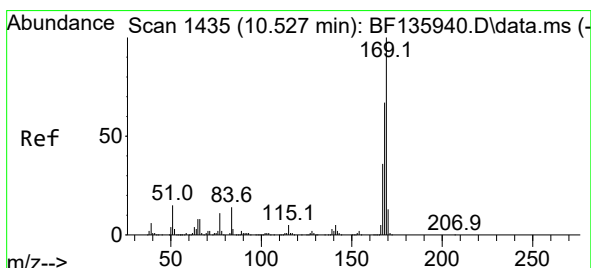
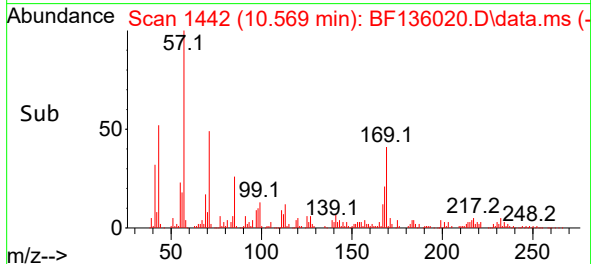
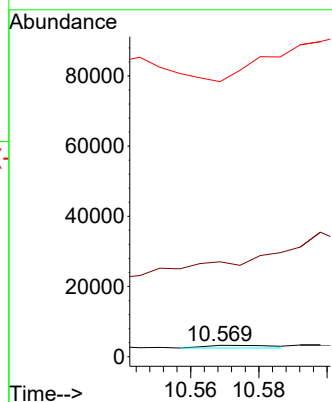
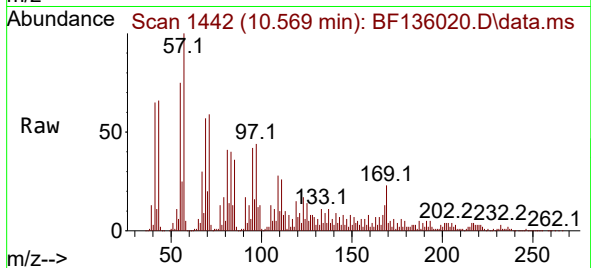




#65
4,6-Dinitro-2-methylphenol
Concen: 11.207 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.112 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

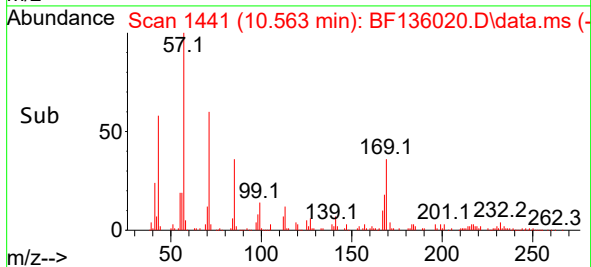
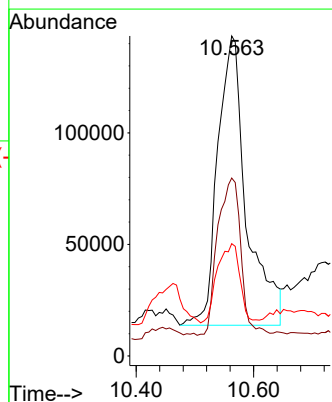
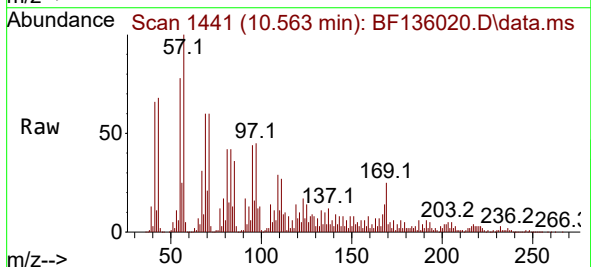
Instrument :
BNA_F
ClientSampleId :
222MSD

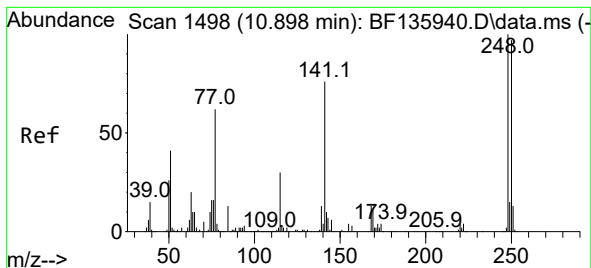
Tgt Ion:198 Resp: 1065
Ion Ratio Lower Upper
198 100
51 839.8 28.7 68.7#
105 2433.5 27.2 67.2#



#66
n-Nitrosodiphenylamine
Concen: 155.612 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.035 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

Tgt Ion:169 Resp: 440691
Ion Ratio Lower Upper
169 100
168 55.6 53.5 80.3
167 35.1 29.0 43.4

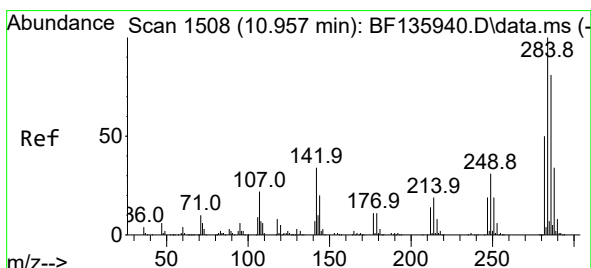
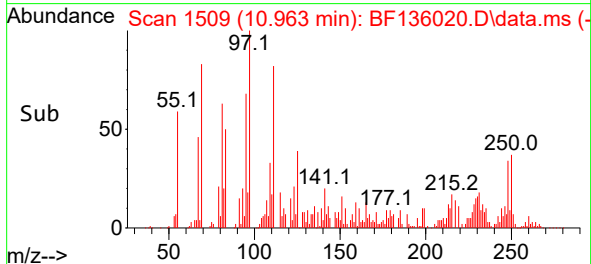
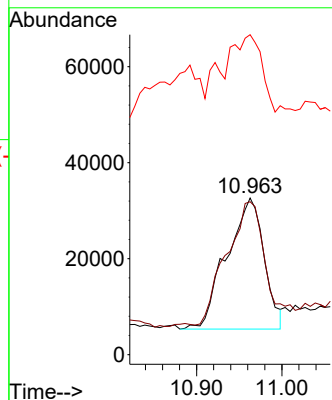
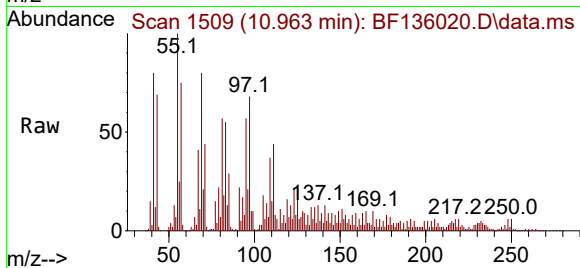




#67
4-Bromophenyl-phenylether
Concen: 86.444 ng
RT: 10.963 min Scan# 11
Delta R.T. 0.065 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

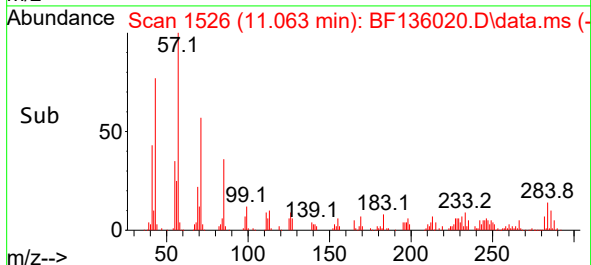
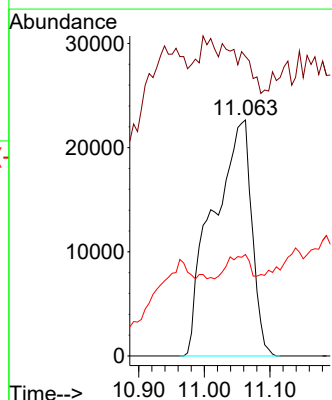
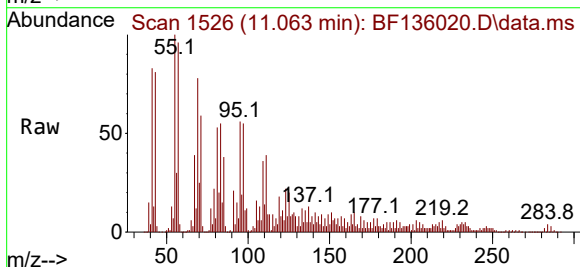
Instrument :
BNA_F
ClientSampleId :
222MSD

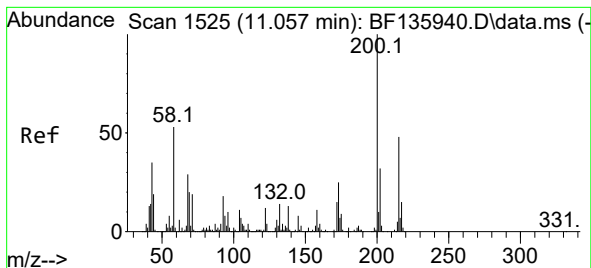
Tgt Ion:248 Resp: 82989
Ion Ratio Lower Upper
248 100
250 97.7 77.9 116.9
141 204.3 60.8 91.2#



#68
Hexachlorobenzene
Concen: 90.405 ng
RT: 11.063 min Scan# 1526
Delta R.T. 0.106 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

Tgt Ion:284 Resp: 92714
Ion Ratio Lower Upper
284 100
142 126.9 27.6 41.4#
249 43.0 24.7 37.1#





#69

Atrazine

Concen: 84.435 ng

RT: 11.151 min Scan# 1

Delta R.T. 0.094 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

Instrument :

BNA_F

ClientSampleId :

222MSD

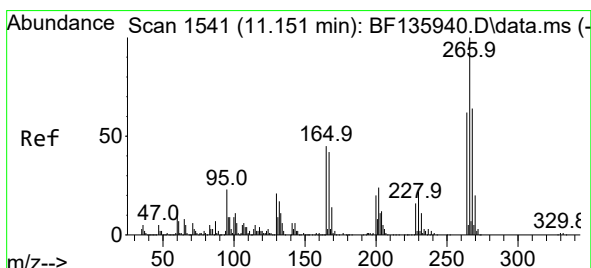
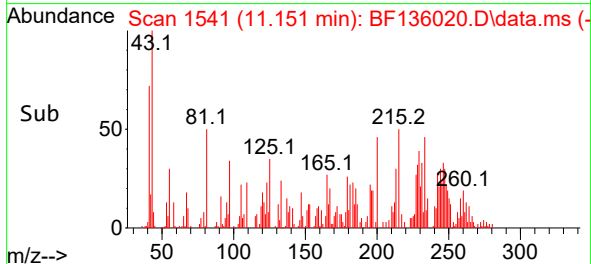
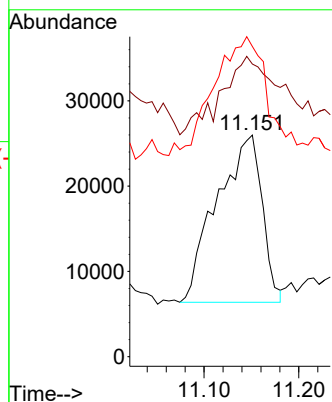
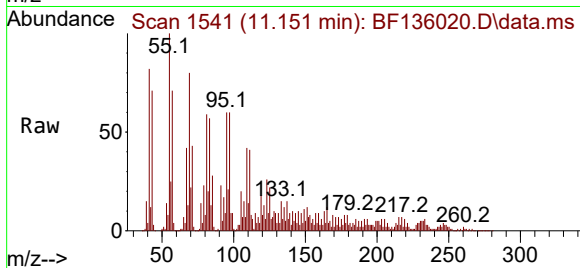
Tgt Ion:200 Resp: 65185

Ion Ratio Lower Upper

200 100

173 132.1 5.5 45.5#

215 140.0 27.5 67.5#



#70

Pentachlorophenol

Concen: 132.598 ng

RT: 11.245 min Scan# 1557

Delta R.T. 0.094 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

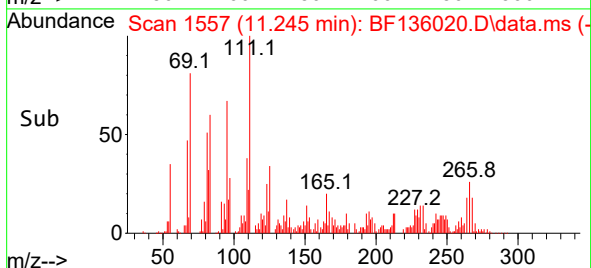
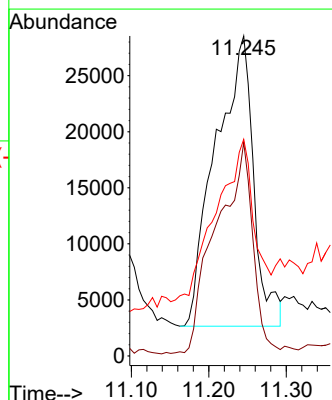
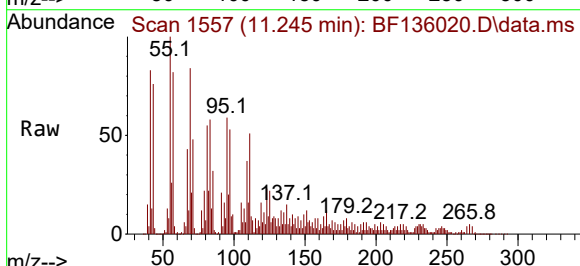
Tgt Ion:266 Resp: 88125

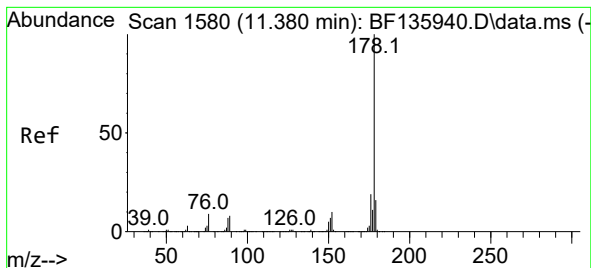
Ion Ratio Lower Upper

266 100

268 66.8 50.8 76.2

264 67.7 49.8 74.6





#71

Phenanthrene

Concen: 66.225 ng

RT: 11.480 min Scan# 11

Delta R.T. 0.100 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

Instrument :

BNA_F

ClientSampleId :

222MSD

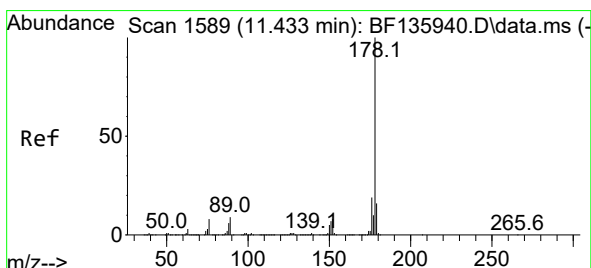
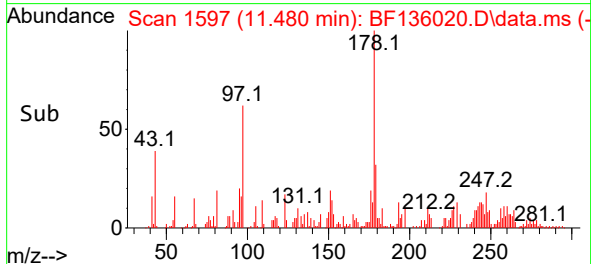
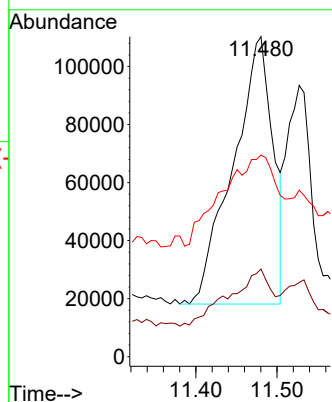
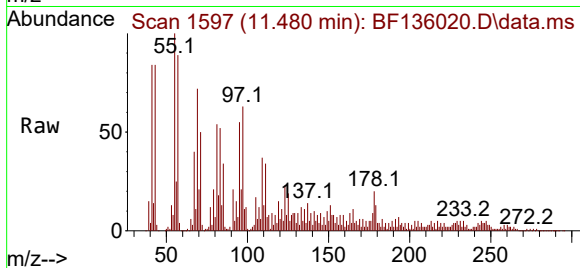
Tgt Ion:178 Resp: 314088

Ion Ratio Lower Upper

178 100

176 27.4 15.4 23.2#

179 63.0 12.5 18.7#



#72

Anthracene

Concen: 28.693 ng

RT: 11.527 min Scan# 1605

Delta R.T. 0.094 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

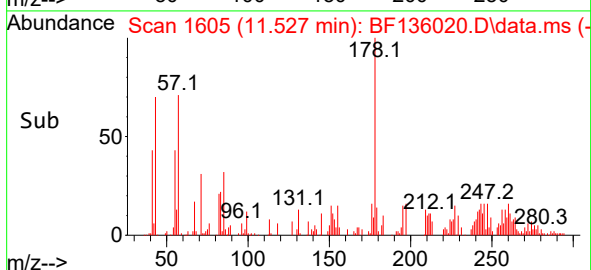
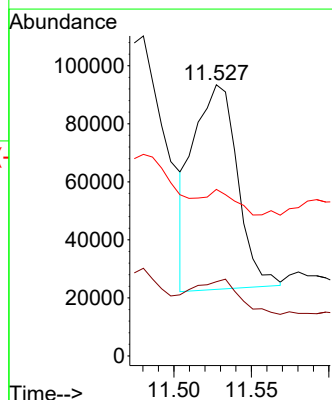
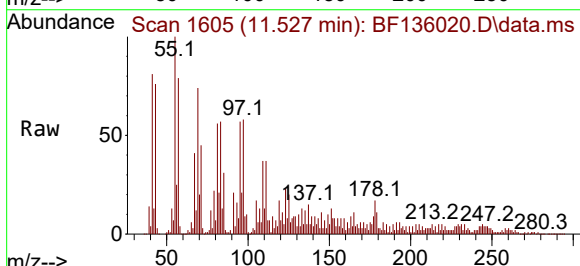
Tgt Ion:178 Resp: 139340

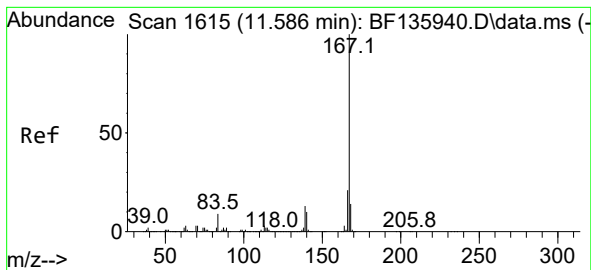
Ion Ratio Lower Upper

178 100

176 27.4 14.9 22.3#

179 61.4 12.5 18.7#





#73

Carbazole

Concen: 42.798 ng

RT: 11.669 min Scan# 1

Delta R.T. 0.082 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

Instrument :

BNA_F

ClientSampleId :

222MSD

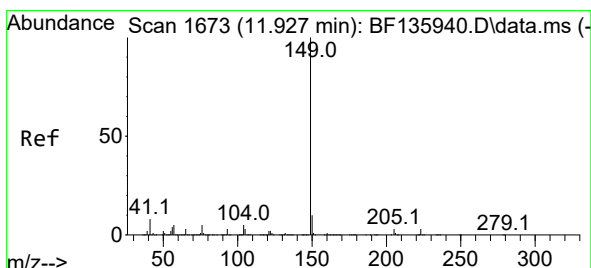
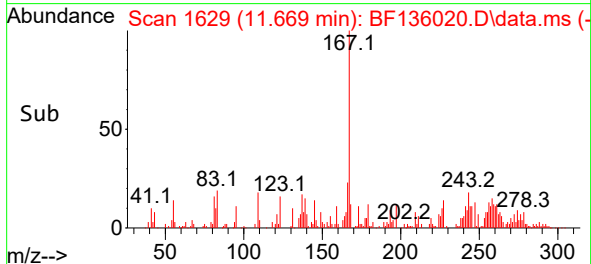
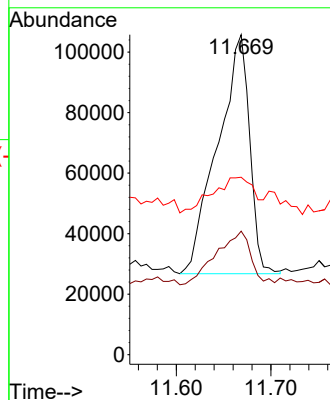
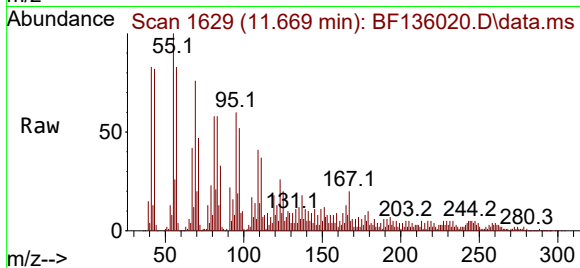
Tgt Ion:167 Resp: 185399

Ion Ratio Lower Upper

167 100

166 38.6 17.0 25.6#

139 55.4 10.4 15.6#



#74

Di-n-butylphthalate

Concen: 57.810 ng

RT: 12.016 min Scan# 1688

Delta R.T. 0.088 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

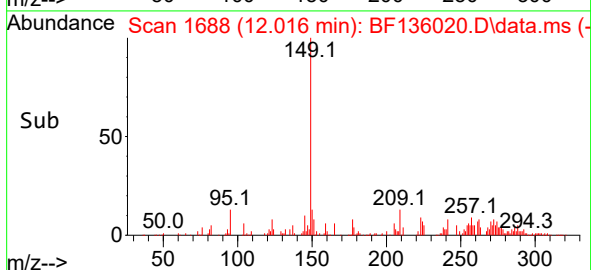
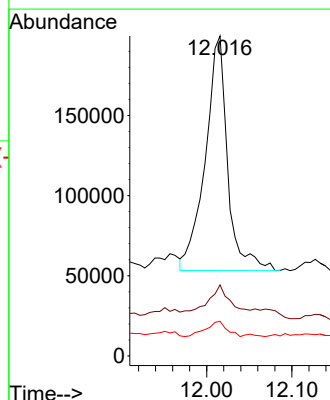
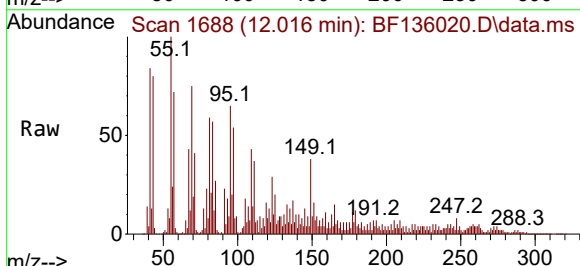
Tgt Ion:149 Resp: 266485

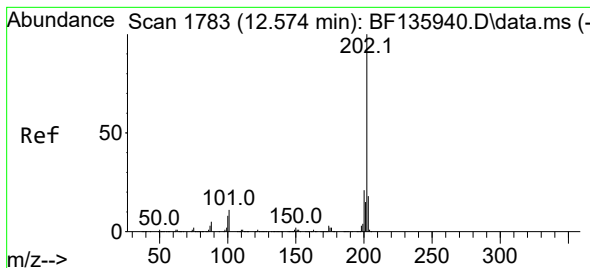
Ion Ratio Lower Upper

149 100

150 22.2 7.7 11.5#

104 10.9 3.9 5.9#





#75

Fluoranthene

Concen: 56.724 ng

RT: 12.680 min Scan# 11

Delta R.T. 0.106 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

Instrument :

BNA_F

ClientSampleId :

222MSD

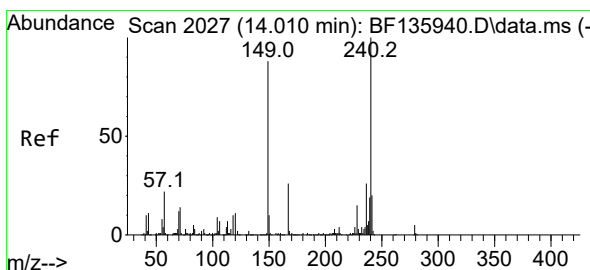
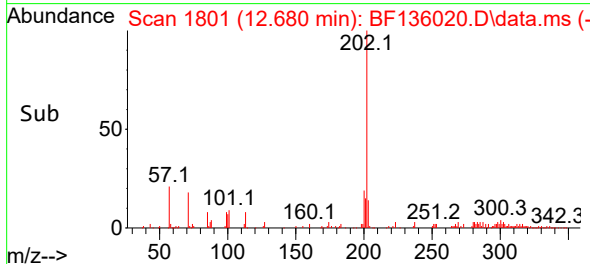
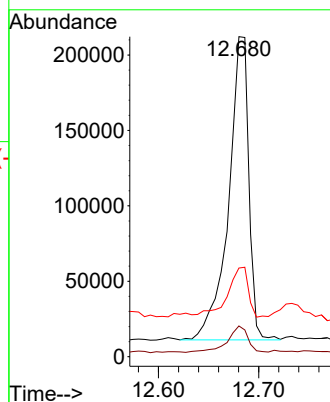
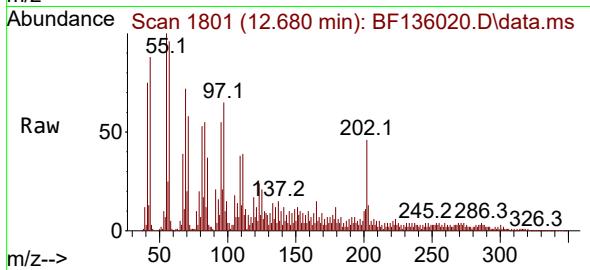
Tgt Ion:202 Resp: 283025

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.6

203 27.7 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2037

Delta R.T. 0.059 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

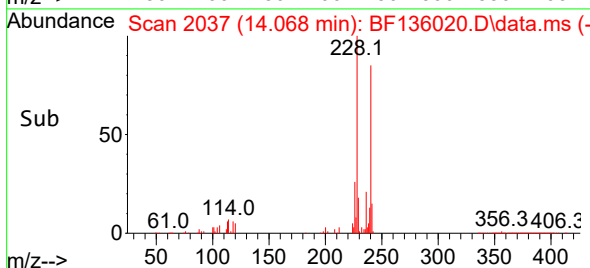
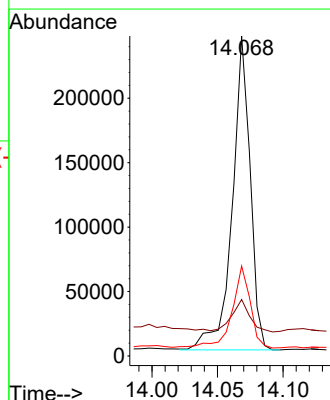
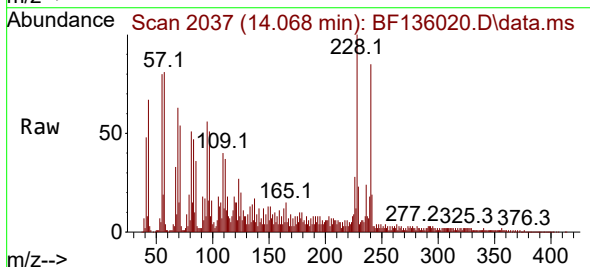
Tgt Ion:240 Resp: 231725

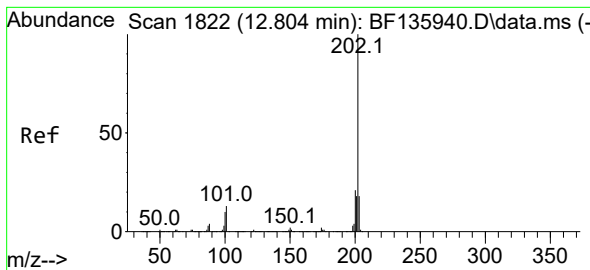
Ion Ratio Lower Upper

240 100

120 17.7 8.6 13.0#

236 28.1 20.6 30.8





#78

Pyrene

Concen: 17.424 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.106 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

Instrument :

BNA_F

ClientSampleId :

222MSD

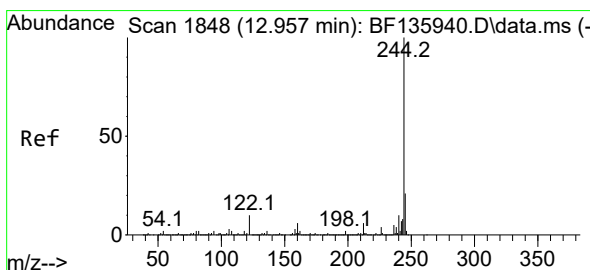
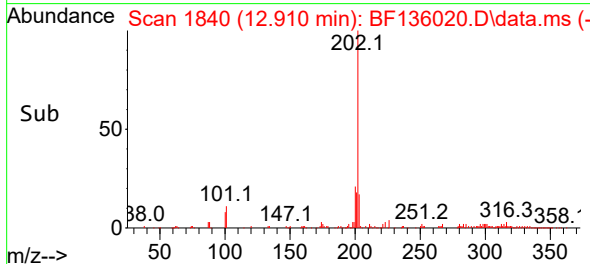
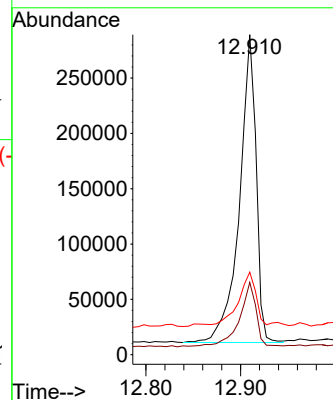
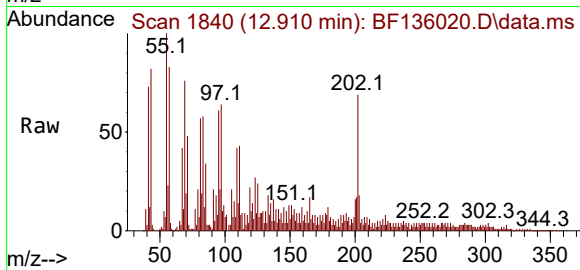
Tgt Ion:202 Resp: 339020

Ion Ratio Lower Upper

202 100

200 22.6 17.0 25.6

203 25.8 14.5 21.7#



#79

Terphenyl-d14

Concen: 35.814 ng

RT: 13.039 min Scan# 1862

Delta R.T. 0.082 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

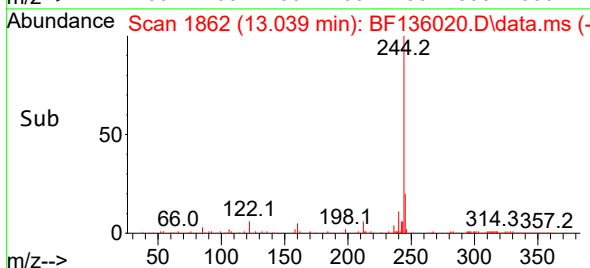
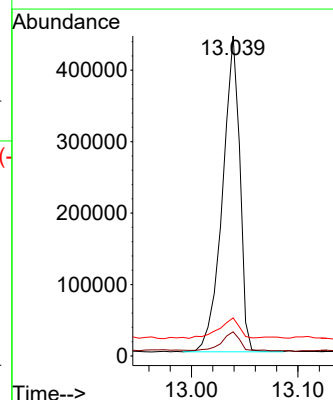
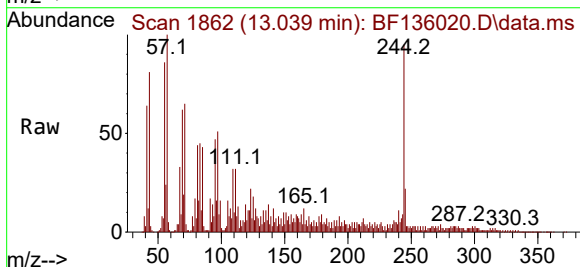
Tgt Ion:244 Resp: 496720

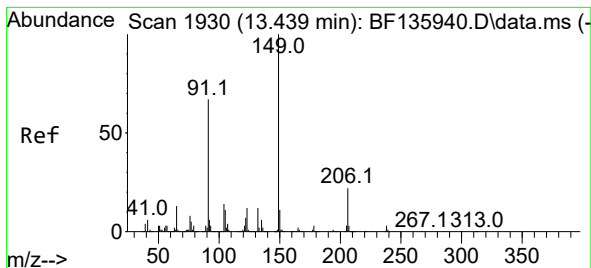
Ion Ratio Lower Upper

244 100

212 7.6 5.0 7.6#

122 11.9 8.0 12.0





#80

Butylbenzylphthalate

Concen: 29.937 ng

RT: 13.492 min Scan# 1939

Delta R.T. 0.053 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

Instrument :

BNA_F

ClientSampleId :

222MSD

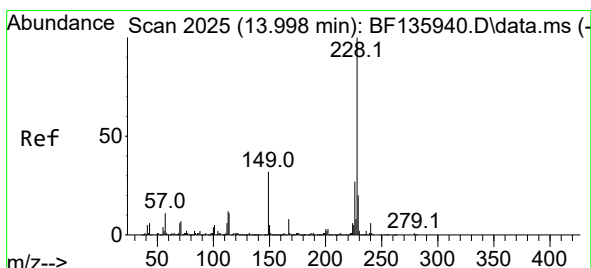
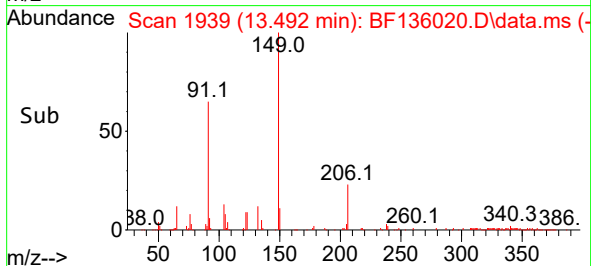
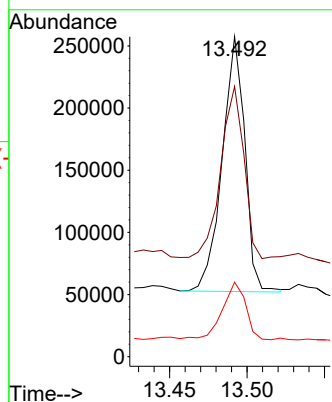
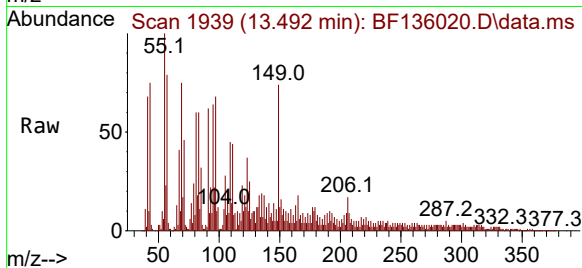
Tgt Ion:149 Resp: 208627

Ion Ratio Lower Upper

149 100

91 84.5 53.4 80.0#

206 23.3 17.5 26.3



#81

Benzo(a)anthracene

Concen: 51.337 ng

RT: 14.062 min Scan# 2036

Delta R.T. 0.065 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

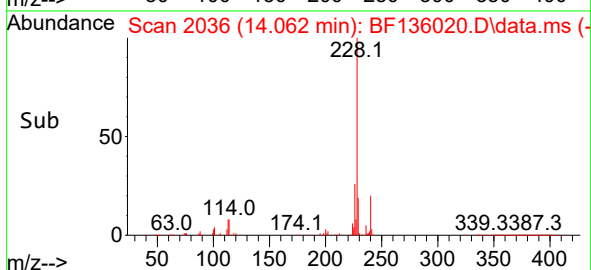
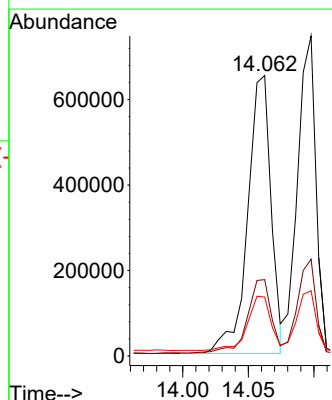
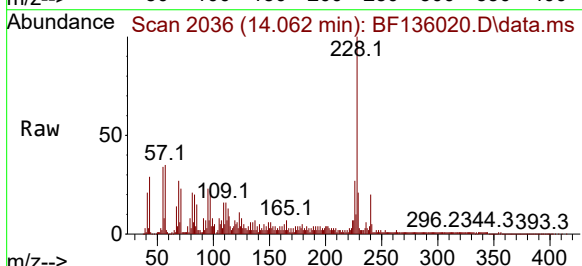
Tgt Ion:228 Resp: 808873

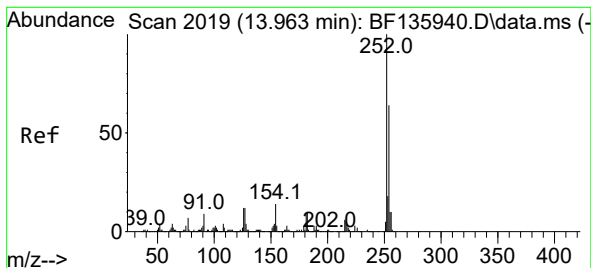
Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.6

229 21.0 16.2 24.4





#82

3,3'-Dichlorobenzidine

Concen: 8.019 ng

RT: 14.021 min Scan# 2042

Delta R.T. 0.059 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

Instrument :

BNA_F

ClientSampleId :

222MSD

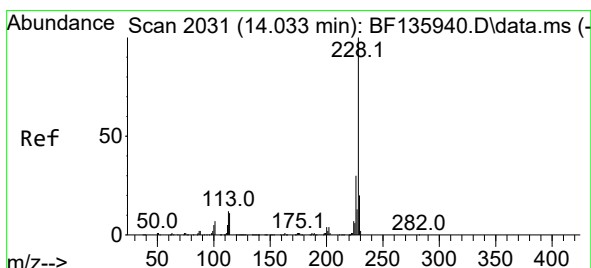
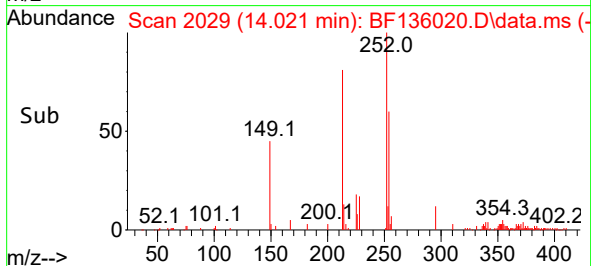
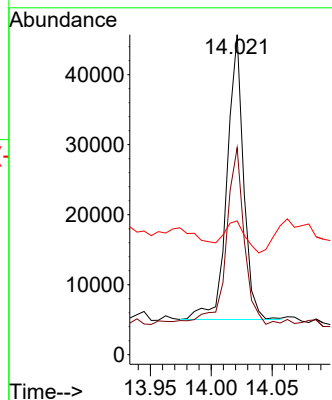
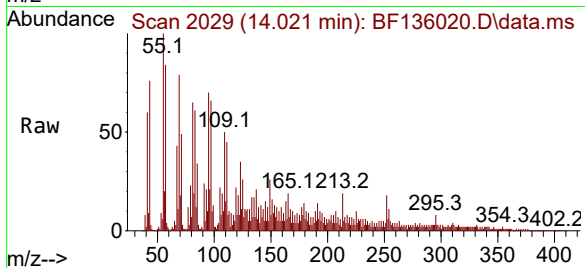
Tgt Ion:252 Resp: 38440

Ion Ratio Lower Upper

252 100

254 64.7 50.9 76.3

126 41.8 9.8 14.6#



#83

Chrysene

Concen: 47.256 ng

RT: 14.098 min Scan# 2042

Delta R.T. 0.065 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

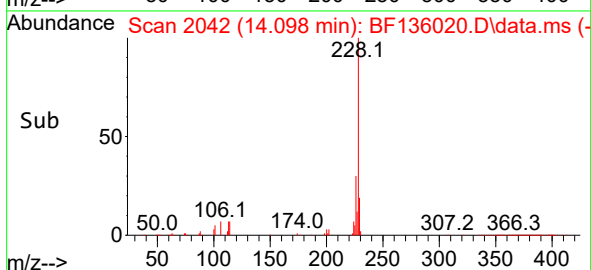
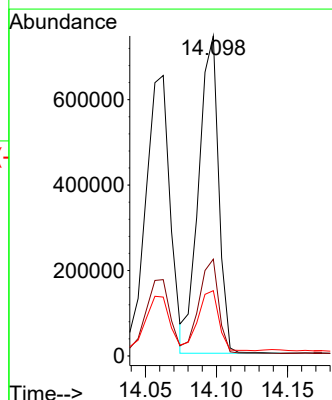
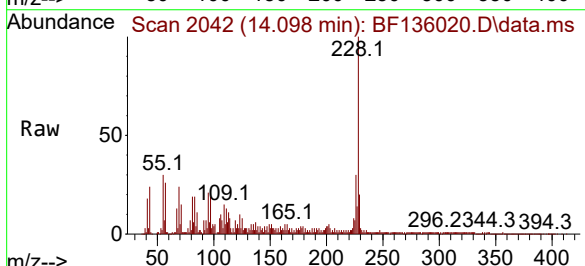
Tgt Ion:228 Resp: 725183

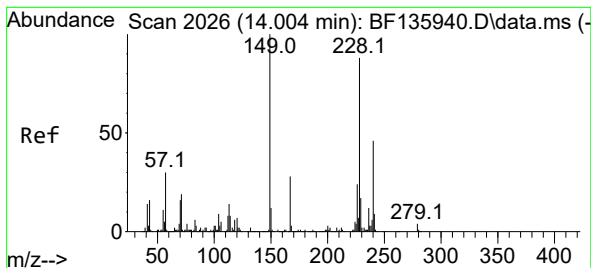
Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

229 20.4 16.2 24.2

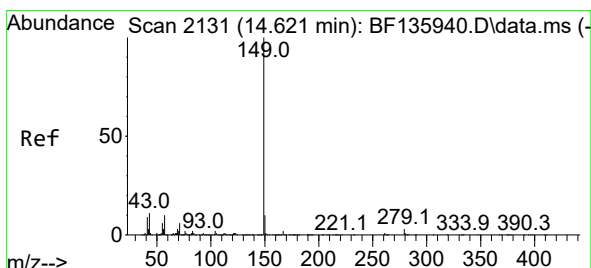
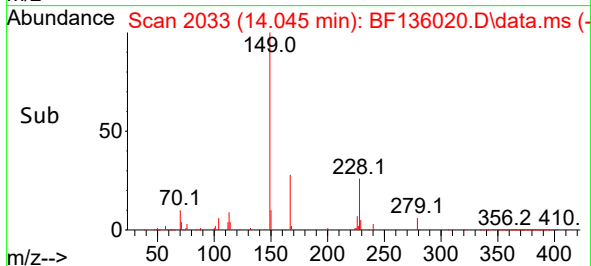
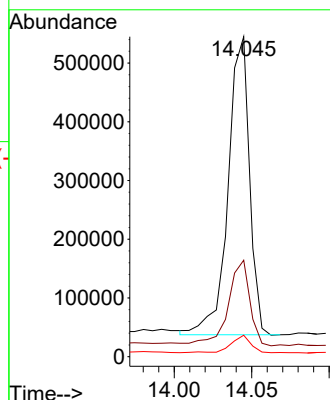
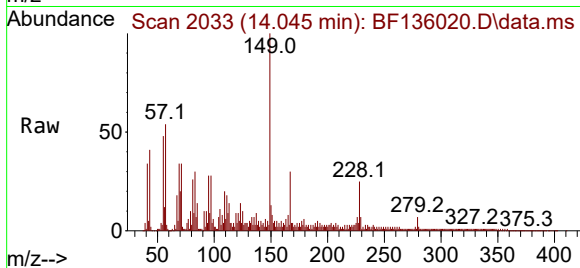




#84
Bis(2-ethylhexyl)phthalate
Concen: 60.972 ng
RT: 14.045 min Scan# 2026
Delta R.T. 0.041 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

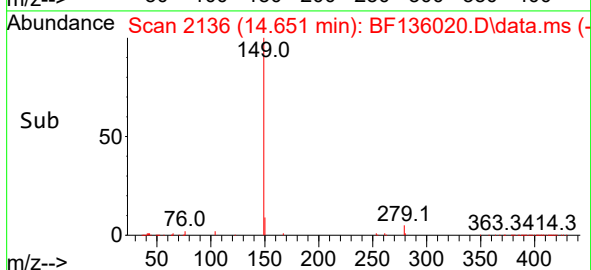
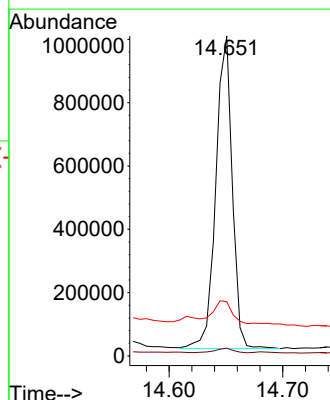
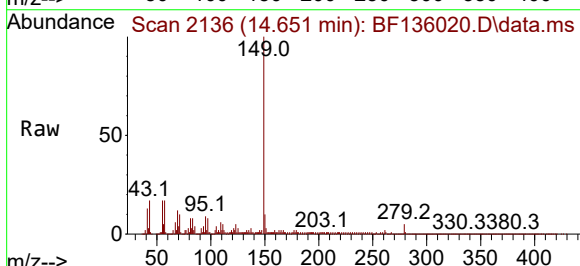
Instrument :
BNA_F
ClientSampleId :
222MSD

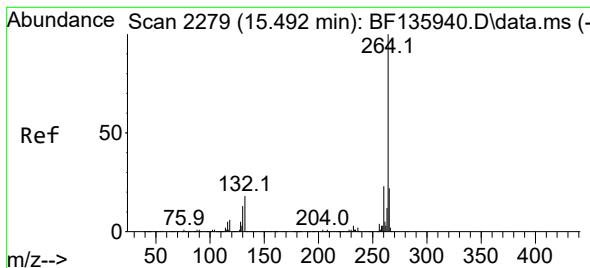
Tgt Ion:149 Resp: 487822
Ion Ratio Lower Upper
149 100
167 30.2 22.2 33.2
279 6.7 3.1 4.7#



#85
Di-n-octyl phthalate
Concen: 78.762 ng
RT: 14.651 min Scan# 2136
Delta R.T. 0.030 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

Tgt Ion:149 Resp: 992680
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.3 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

Instrument :

BNA_F

ClientSampleId :

222MSD

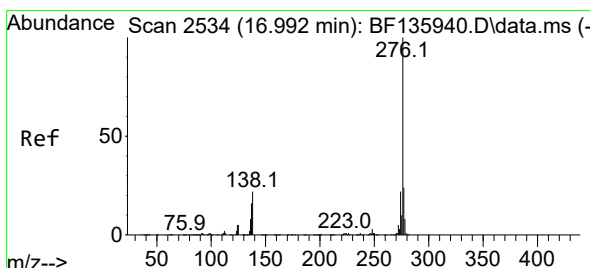
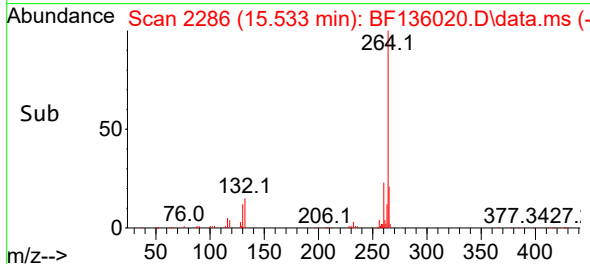
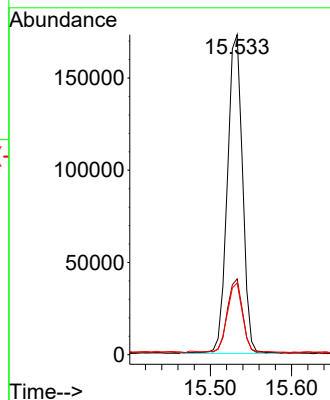
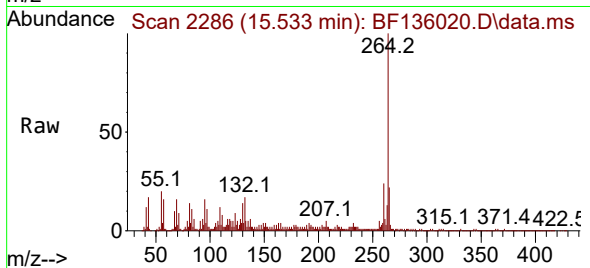
Tgt Ion:264 Resp: 225049

Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 22.4 17.3 25.9



#87

Indeno(1,2,3-cd)pyrene

Concen: 42.679 ng

RT: 17.033 min Scan# 2541

Delta R.T. 0.041 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

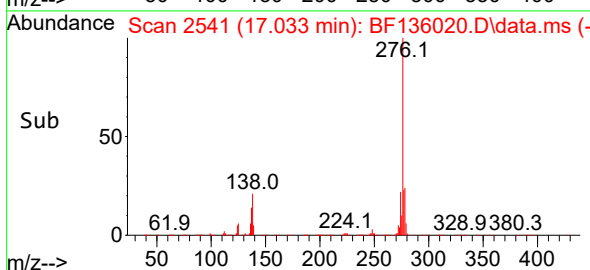
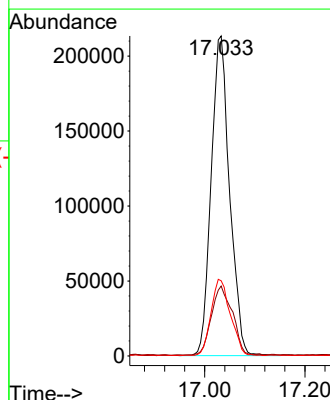
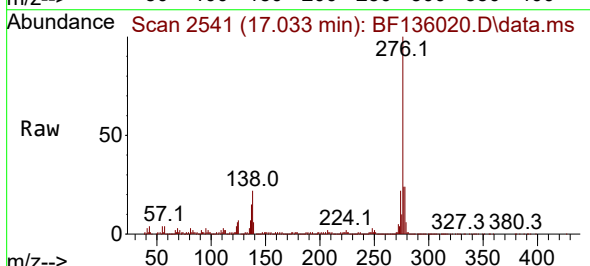
Tgt Ion:276 Resp: 544624

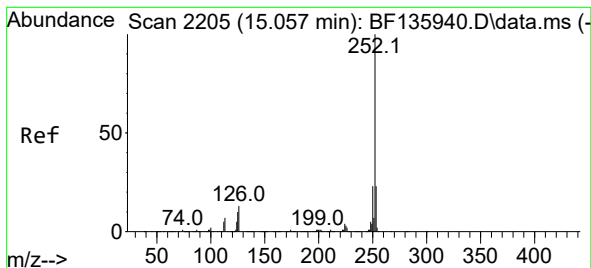
Ion Ratio Lower Upper

276 100

138 24.4 21.8 32.6

277 25.0 20.0 30.0





#88

Benzo(b)fluoranthene

Concen: 68.753 ng

RT: 15.098 min Scan# 2118

Delta R.T. 0.041 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

Instrument :

BNA_F

ClientSampleId :

222MSD

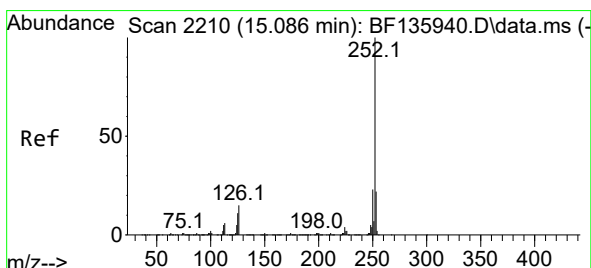
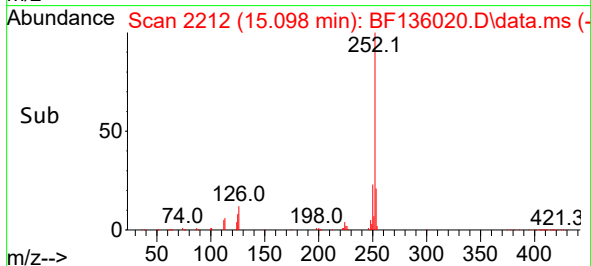
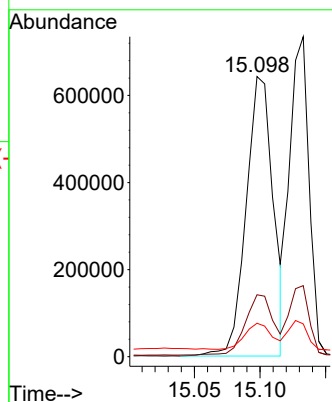
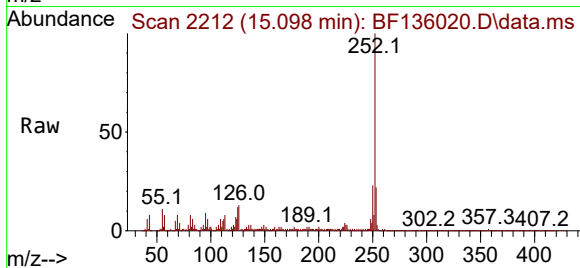
Tgt Ion:252 Resp: 920822

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 11.9 8.2 12.4



#89

Benzo(k)fluoranthene

Concen: 57.369 ng

RT: 15.133 min Scan# 2218

Delta R.T. 0.047 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

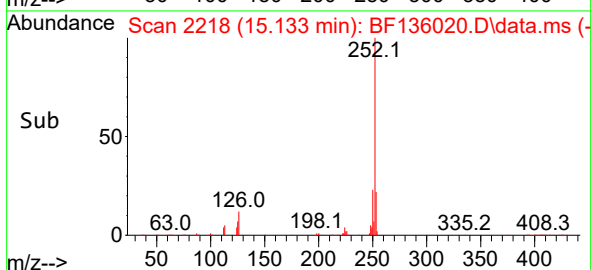
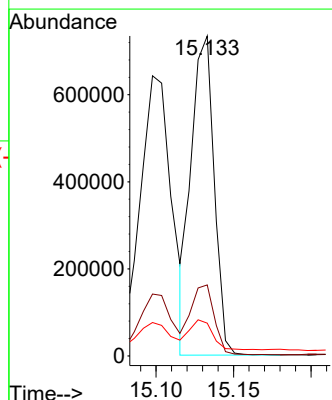
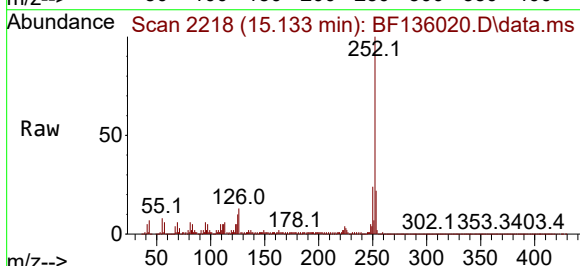
Tgt Ion:252 Resp: 754619

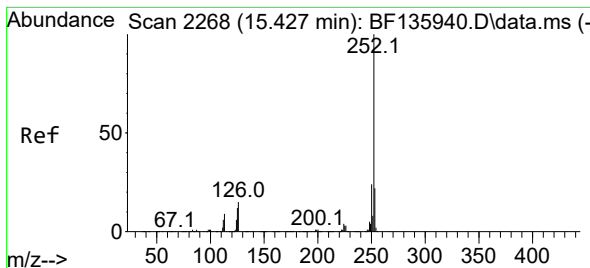
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 10.3 8.5 12.7





#90

Benzo(a)pyrene

Concen: 50.071 ng

RT: 15.468 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

Instrument :

BNA_F

ClientSampleId :

222MSD

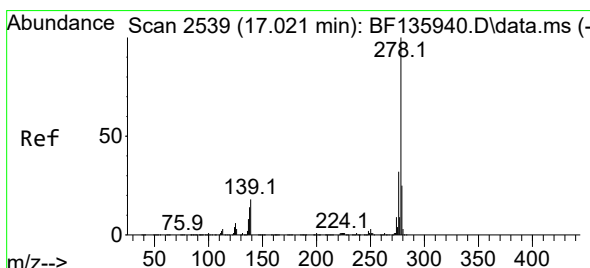
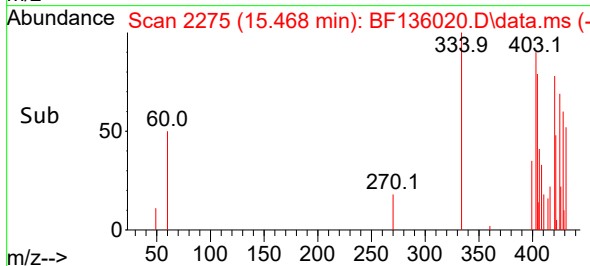
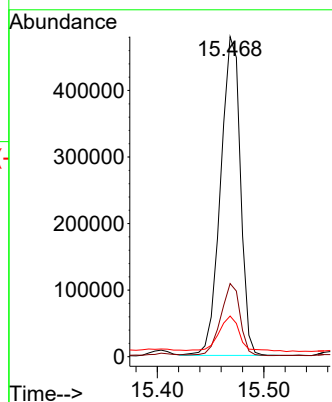
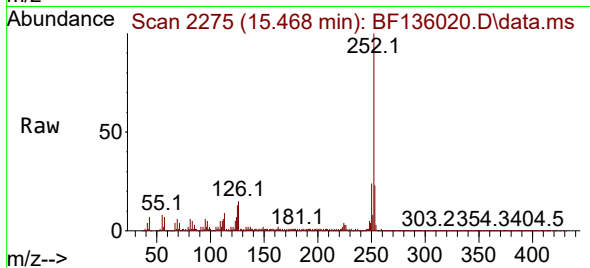
Tgt Ion:252 Resp: 618058

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.2

125 12.7 9.6 14.4



#91

Dibenzo(a,h)anthracene

Concen: 41.392 ng

RT: 17.056 min Scan# 2545

Delta R.T. 0.035 min

Lab File: BF136020.D

Acq: 28 Oct 2023 22:54

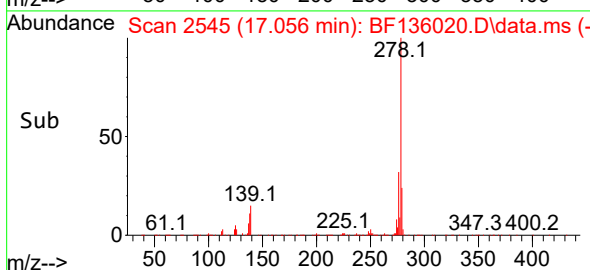
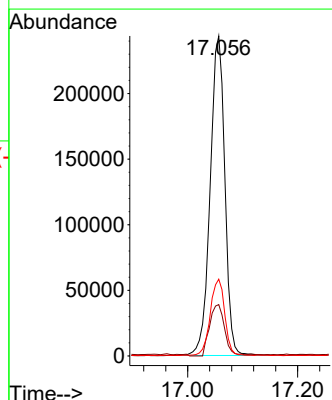
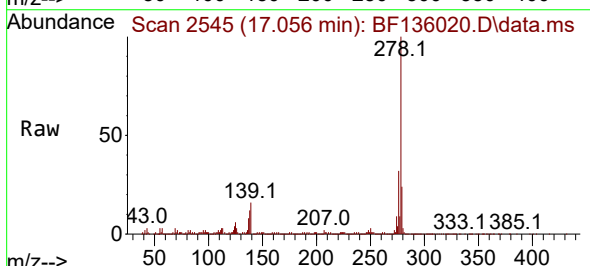
Tgt Ion:278 Resp: 451800

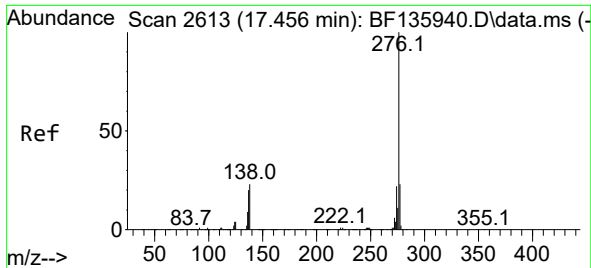
Ion Ratio Lower Upper

278 100

139 16.0 14.0 21.0

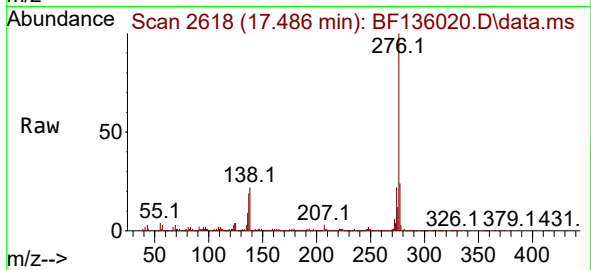
279 24.0 19.7 29.5





#92
Benzo(g,h,i)perylene
Concen: 36.342 ng
RT: 17.486 min Scan# 20
Delta R.T. 0.030 min
Lab File: BF136020.D
Acq: 28 Oct 2023 22:54

Instrument :
BNA_F
ClientSampleId :
222MSD



Tgt Ion:276 Resp: 438730
Ion Ratio Lower Upper
276 100
277 24.0 18.6 28.0
138 21.6 18.4 27.6

