

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135320.D
 Acq On : 18 Sep 2023 22:22
 Operator : CG\JU
 Sample : 04441-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 00:17:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	121128	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	451481	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	209033	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	317649	20.000	ng	0.00
76) Chrysene-d12	13.945	240	192907	20.000	ng	0.00
86) Perylene-d12	15.409	264	256461	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1160612	155.841	ng	0.02
7) Phenol-d6	6.416	99	1461613	154.345	ng	0.01
23) Nitrobenzene-d5	7.328	82	958741	115.371	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	281323	135.428	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1532362	110.600	ng	0.00
79) Terphenyl-d14	12.880	244	992435	79.752	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	131824	40.378	ng	97
3) Pyridine	3.298	79	396599	45.136	ng	98
4) n-Nitrosodimethylamine	3.263	42	312715	67.066	ng	89
6) Aniline	6.428	93	519810	41.859	ng	# 1
8) 2-Chlorophenol	6.551	128	525185	66.060	ng	97
9) Benzaldehyde	6.316	77	142862	26.482	ng	99
10) Phenol	6.428	94	577806	55.644	ng	77
11) bis(2-Chloroethyl)ether	6.504	93	493100	63.306	ng	98
12) 1,3-Dichlorobenzene	6.698	146	492983	61.015	ng	98
13) 1,4-Dichlorobenzene	6.775	146	503221	61.217	ng	98
14) 1,2-Dichlorobenzene	6.928	146	469535	61.507	ng	98
15) Benzyl Alcohol	6.910	79	446604	65.721	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.039	45	931586	63.451	ng	96
17) 2-Methylphenol	7.028	107	403961	57.580	ng	# 93
18) Hexachloroethane	7.263	117	192085	63.242	ng	91
19) n-Nitroso-di-n-propyla...	7.186	70	337510	57.541	ng	94
20) 3+4-Methylphenols	7.181	107	442700	52.477	ng	91
22) Acetophenone	7.175	105	654057	63.365	ng	# 96
24) Nitrobenzene	7.351	77	541837	65.968	ng	97
25) Isophorone	7.586	82	1020313	66.864	ng	98
26) 2-Nitrophenol	7.663	139	274143	69.542	ng	96
27) 2,4-Dimethylphenol	7.704	122	397840	60.040	ng	99
28) bis(2-Chloroethoxy)met...	7.798	93	612324	67.043	ng	99
29) 2,4-Dichlorophenol	7.904	162	408141	66.473	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	424574	66.157	ng	98
31) Naphthalene	8.063	128	1385521	63.162	ng	99
32) Benzoic acid	7.863	122	340215	68.185	ng	98
33) 4-Chloroaniline	8.116	127	418048	43.437	ng	98
34) Hexachlorobutadiene	8.175	225	249408	64.451	ng	99
35) Caprolactam	8.504	113	91458	44.383	ng	98
36) 4-Chloro-3-methylphenol	8.610	107	438938	64.322	ng	99
37) 2-Methylnaphthalene	8.751	142	867611	58.840	ng	99
38) 1-Methylnaphthalene	8.851	142	834794	60.470	ng	99
40) 1,2,4,5-Tetrachloroben...	8.922	216	412956	68.191	ng	99
41) Hexachlorocyclopentadiene	8.904	237	243608	90.252	ng	97
43) 2,4,6-Trichlorophenol	9.039	196	276815	69.814	ng	98

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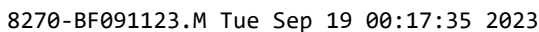
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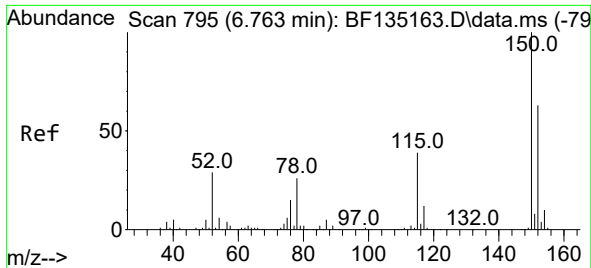
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	288105	63.096	ng	99
46) 1,1'-Biphenyl	9.222	154	1067858	66.476	ng	98
47) 2-Chloronaphthalene	9.245	162	797897	68.458	ng	96
48) 2-Nitroaniline	9.351	65	308489	68.129	ng	98
49) Acenaphthylene	9.663	152	1271338	65.634	ng	100
50) Dimethylphthalate	9.527	163	960023	67.929	ng	100
51) 2,6-Dinitrotoluene	9.592	165	208923	67.481	ng	99
52) Acenaphthene	9.833	154	741674	64.815	ng	97
53) 3-Nitroaniline	9.763	138	176364	48.529	ng	97
54) 2,4-Dinitrophenol	9.875	184	160141	90.246	ng	# 90
55) Dibenzofuran	10.004	168	1059843	60.696	ng	96
56) 4-Nitrophenol	9.939	139	255238	110.506	ng	95
57) 2,4-Dinitrotoluene	10.004	165	218931	56.485	ng	# 82
58) Fluorene	10.351	166	800511	59.633	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.127	232	214104	60.955	ng	98
60) Diethylphthalate	10.227	149	909446	64.120	ng	98
61) 4-Chlorophenyl-phenyle...	10.339	204	379186	58.803	ng	98
62) 4-Nitroaniline	10.380	138	192491	55.102	ng	99
63) Azobenzene	10.504	77	875206	63.049	ng	97
65) 4,6-Dinitro-2-methylph...	10.416	198	109057	64.640	ng	85
66) n-Nitrosodiphenylamine	10.463	169	740761	77.028	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	236750	74.939	ng	96
68) Hexachlorobenzene	10.898	284	237912	73.919	ng	92
69) Atrazine	10.998	200	205811	79.538	ng	98
70) Pentachlorophenol	11.098	266	212045	110.116	ng	98
71) Phenanthrene	11.316	178	1044958	69.555	ng	99
72) Anthracene	11.369	178	1021389	66.142	ng	99
73) Carbazole	11.527	167	888510	63.205	ng	99
74) Di-n-butylphthalate	11.857	149	1134538	68.491	ng	99
75) Fluoranthene	12.510	202	949654	60.664	ng	97
77) Benzidine	12.633	184	466135	117.948	ng	100
78) Pyrene	12.739	202	954084	51.948	ng	99
80) Butylbenzylphthalate	13.363	149	371215	57.406	ng	97
81) Benzo(a)anthracene	13.933	228	859631	69.011	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	317033	81.482	ng	# 97
83) Chrysene	13.974	228	850363	68.663	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	446293	67.256	ng	99
85) Di-n-octyl phthalate	14.545	149	975302	92.486	ng	# 98
87) Indeno(1,2,3-cd)pyrene	16.892	276	795307	47.297	ng	99
88) Benzo(b)fluoranthene	14.986	252	1062378	76.523	ng	97
89) Benzo(k)fluoranthene	15.021	252	812741	59.263	ng	99
90) Benzo(a)pyrene	15.351	252	865574	65.378	ng	99
91) Dibenzo(a,h)anthracene	16.903	278	653019	47.463	ng	100
92) Benzo(g,h,i)perylene	17.339	276	591228	41.146	ng	99

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

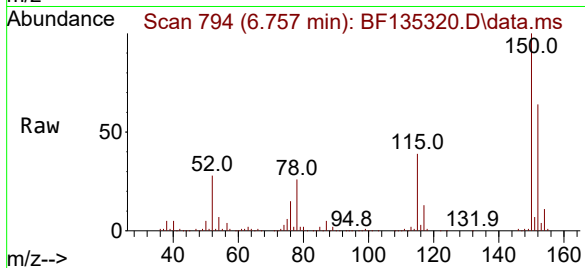
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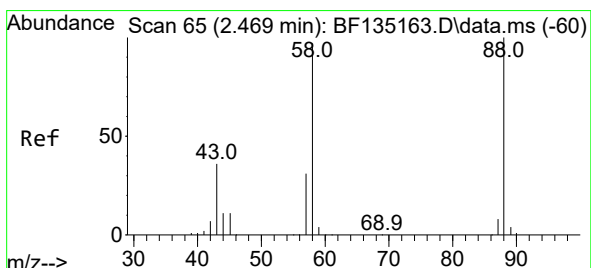
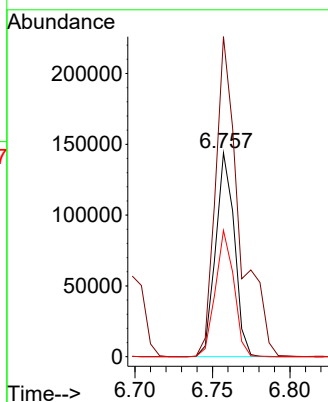
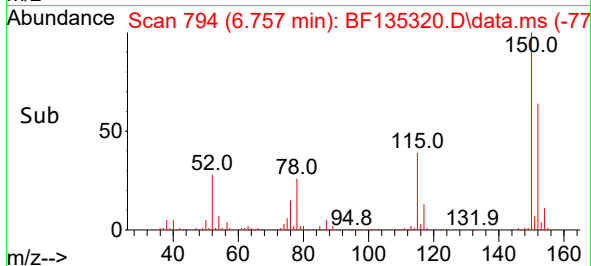


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF135320.D
 Acq: 18 Sep 2023 22:22

Instrument :
 BNA_F
 ClientSampleId :

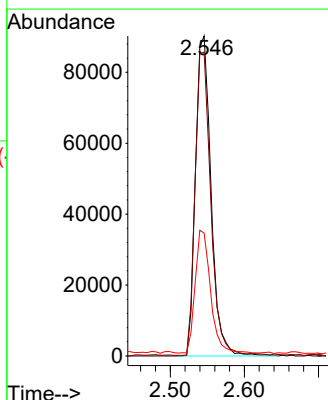
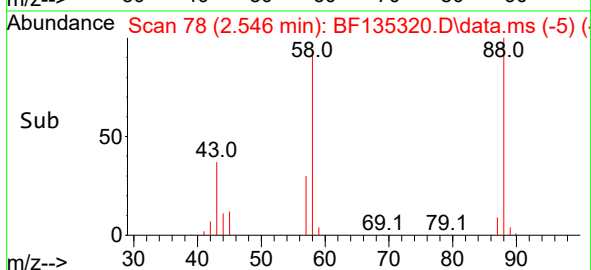
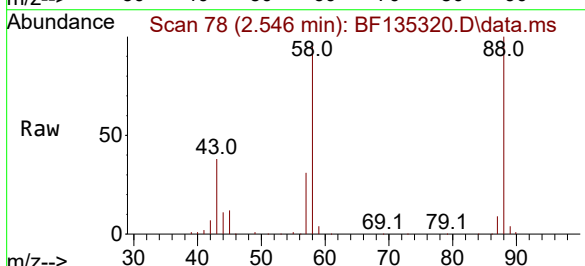


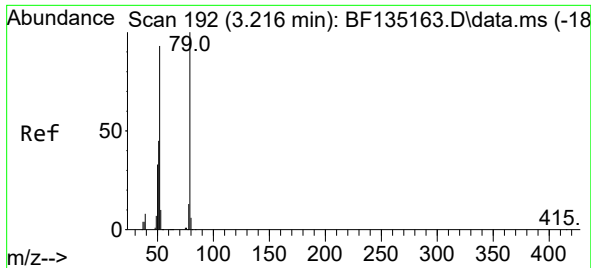
Tgt Ion:152 Resp: 121128
 Ion Ratio Lower Upper
 152 100
 150 157.0 127.8 191.6
 115 61.9 49.8 74.8



#2
 1,4-Dioxane
 Concen: 40.378 ng
 RT: 2.546 min Scan# 78
 Delta R.T. 0.077 min
 Lab File: BF135320.D
 Acq: 18 Sep 2023 22:22

Tgt Ion: 88 Resp: 131824
 Ion Ratio Lower Upper
 88 100
 58 94.9 78.3 117.5
 43 37.7 29.4 44.0





#3

Pyridine

Concen: 45.136 ng

RT: 3.298 min Scan# 206

Delta R.T. 0.082 min

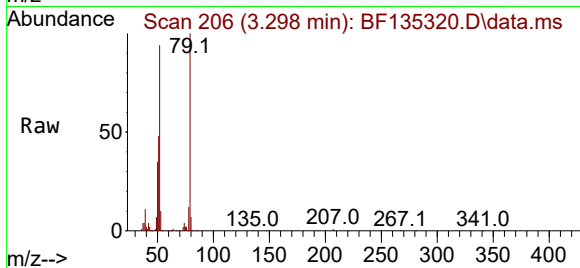
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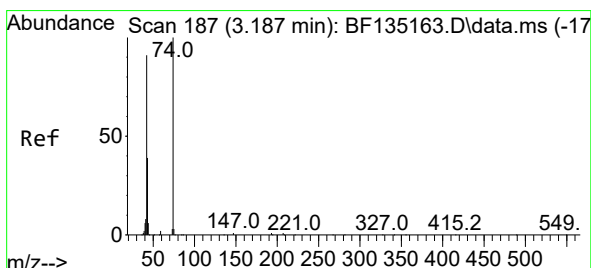
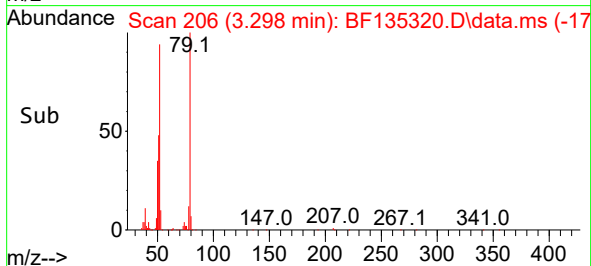
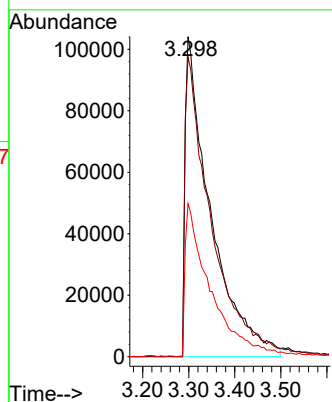
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	79	Resp:	396599
Ion Ratio	100	Lower	Upper
79	100		
52	93.6	74.1	111.1
51	47.8	35.8	53.8



#4

n-Nitrosodimethylamine

Concen: 67.066 ng

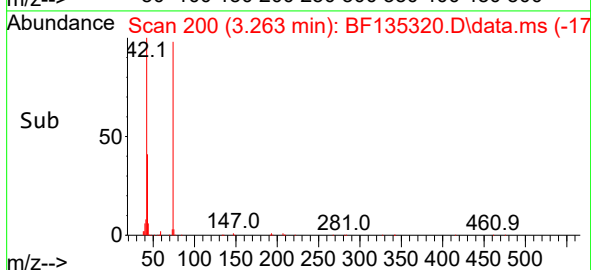
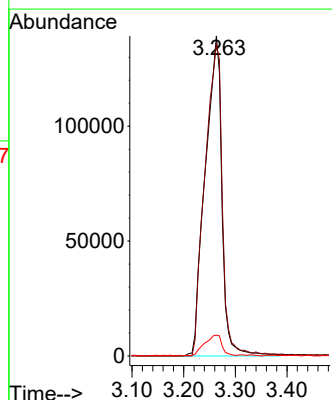
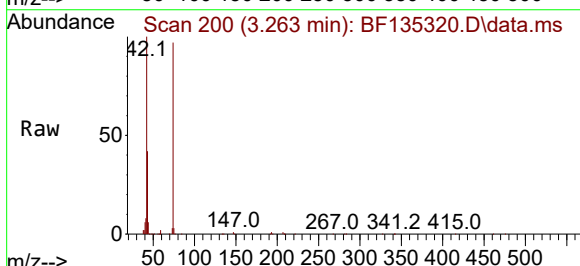
RT: 3.263 min Scan# 200

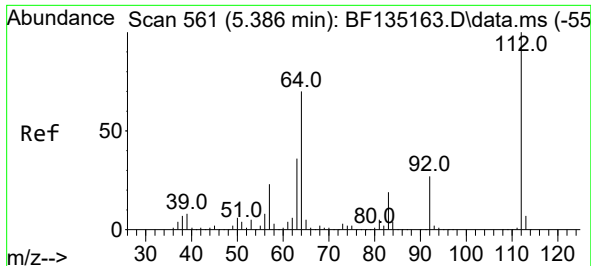
Delta R.T. 0.077 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

Tgt Ion:	42	Resp:	312715
Ion Ratio	100	Lower	Upper
42	100		
74	97.3	87.7	131.5
44	6.5	5.6	8.4

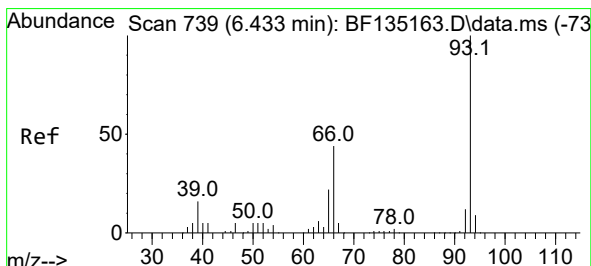
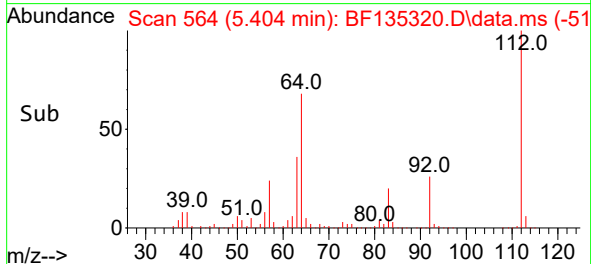
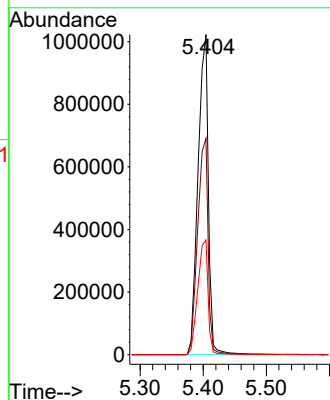
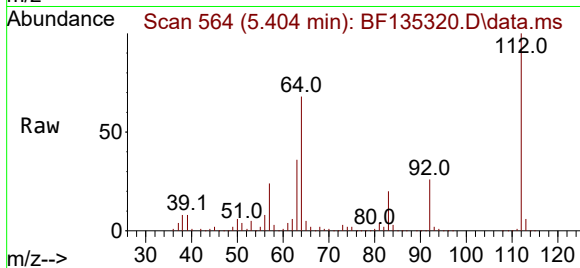




#5
2-Fluorophenol
Concen: 155.841 ng
RT: 5.404 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

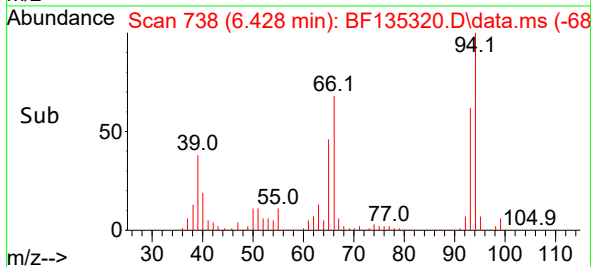
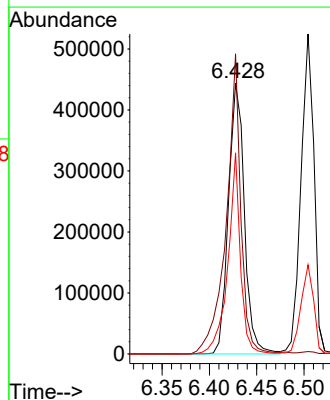
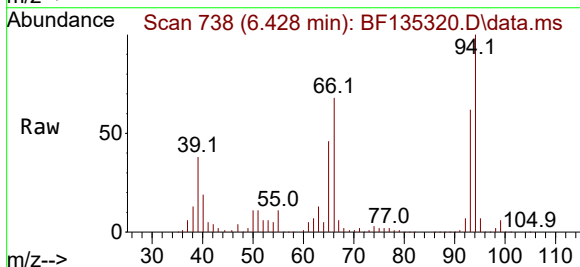
Instrument :
BNA_F
ClientSampleId :

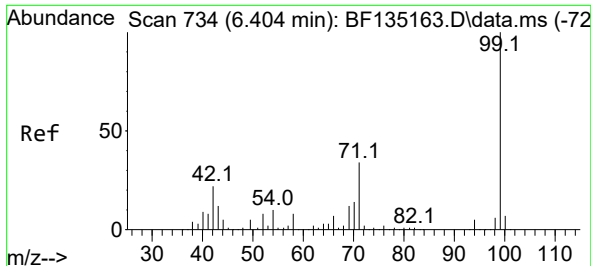
Tgt Ion:112 Resp: 1160612
Ion Ratio Lower Upper
112 100
64 67.6 55.9 83.9
63 35.8 29.0 43.6



#6
Aniline
Concen: 41.859 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Tgt Ion: 93 Resp: 519810
Ion Ratio Lower Upper
93 100
66 110.9 35.4 53.0#
65 74.3 17.8 26.8#

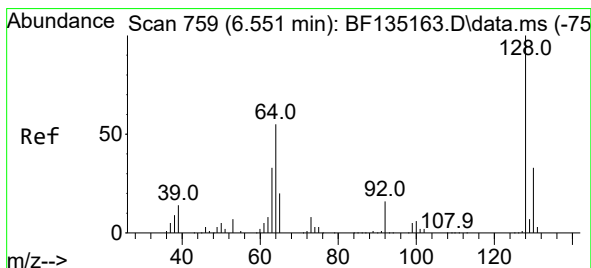
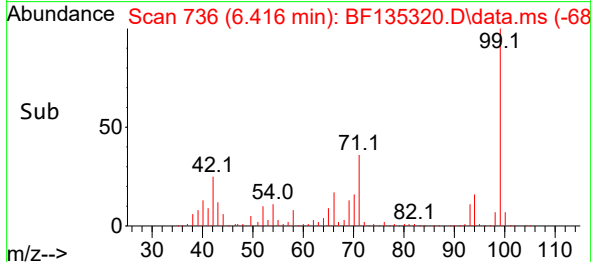
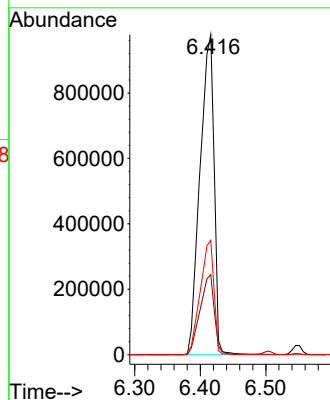
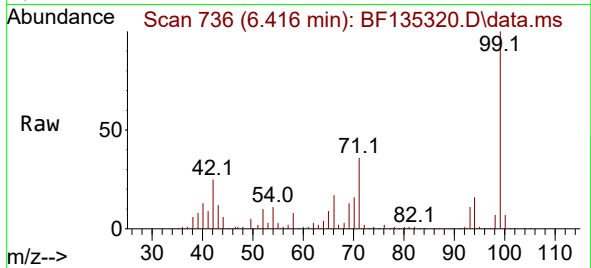




#7
Phenol-d6
Concen: 154.345 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.012 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

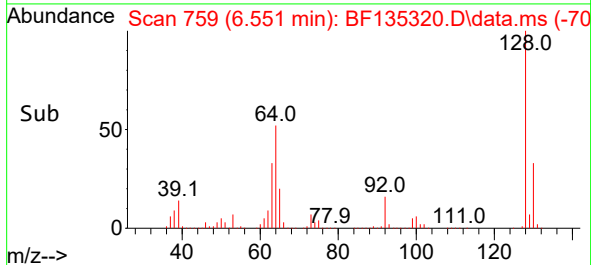
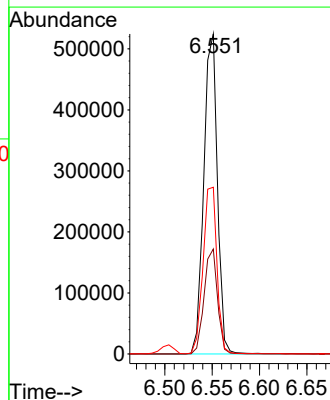
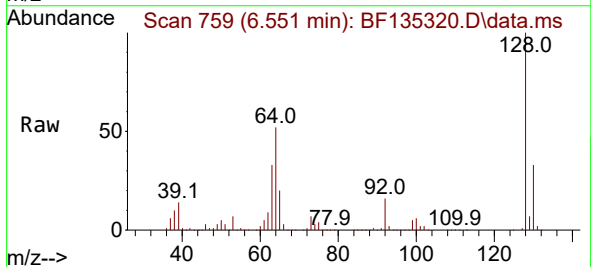
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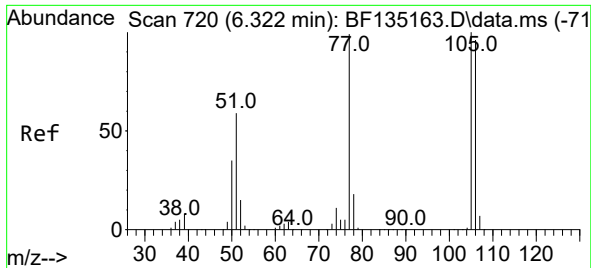
Tgt Ion: 99 Resp: 1461613
Ion Ratio Lower Upper
99 100
42 25.0 17.9 26.9
71 35.7 27.0 40.6



#8
2-Chlorophenol
Concen: 66.060 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Tgt Ion:128 Resp: 525185
Ion Ratio Lower Upper
128 100
130 32.8 12.7 52.7
64 52.1 35.9 75.9





#9

Benzaldehyde

Concen: 26.482 ng

RT: 6.316 min Scan# 719

Delta R.T. -0.006 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :

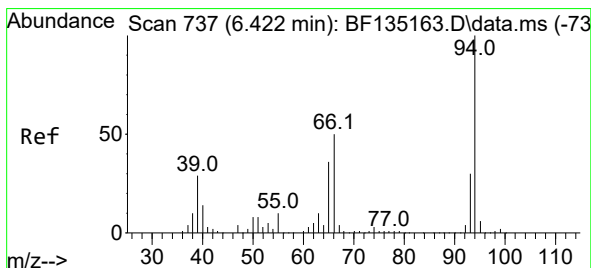
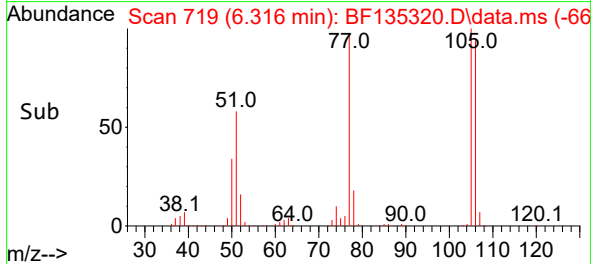
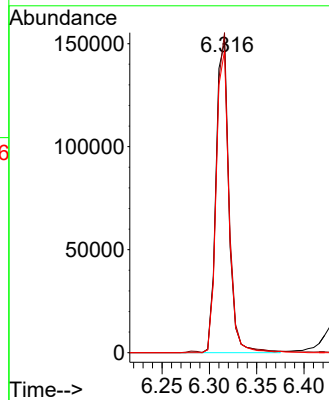
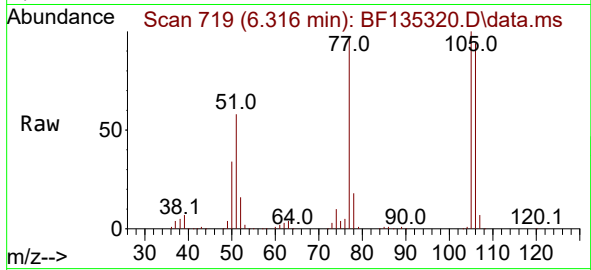
Tgt Ion: 77 Resp: 142862

Ion Ratio Lower Upper

77 100

105 103.0 81.4 121.4

106 97.2 76.9 116.9



#10

Phenol

Concen: 55.644 ng

RT: 6.428 min Scan# 738

Delta R.T. 0.006 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

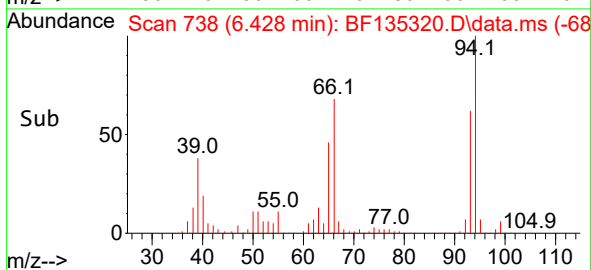
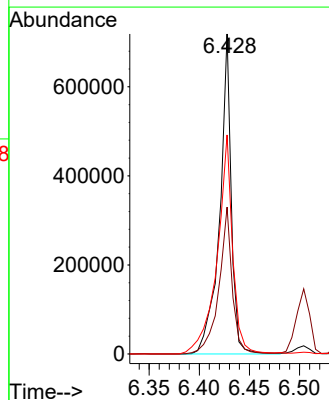
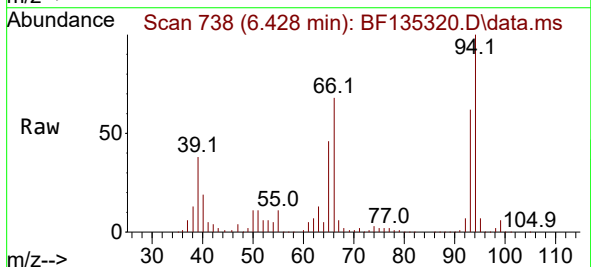
Tgt Ion: 94 Resp: 577806

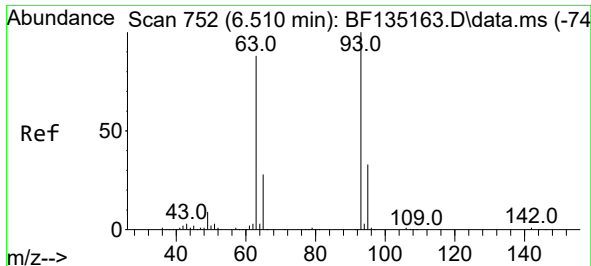
Ion Ratio Lower Upper

94 100

65 45.9 15.9 55.9

66 68.5 29.8 69.8

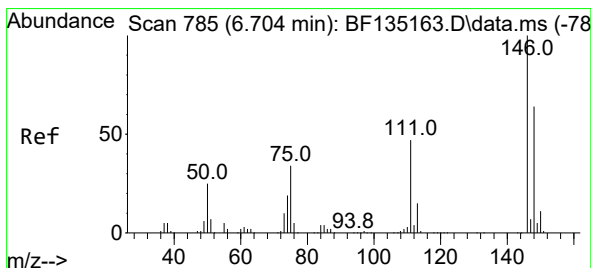
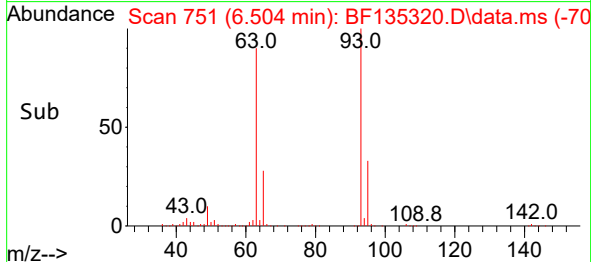
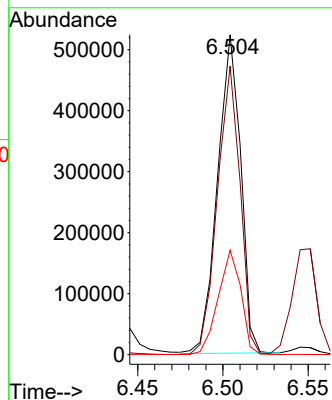
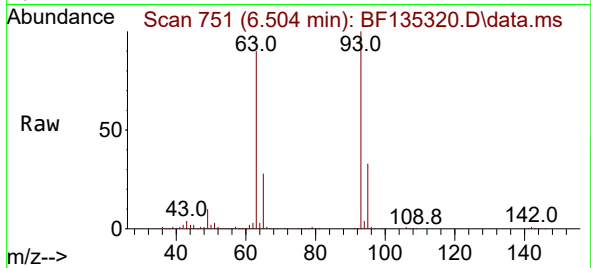




#11
bis(2-Chloroethyl)ether
Concen: 63.306 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

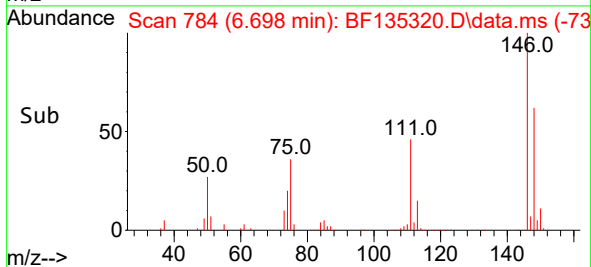
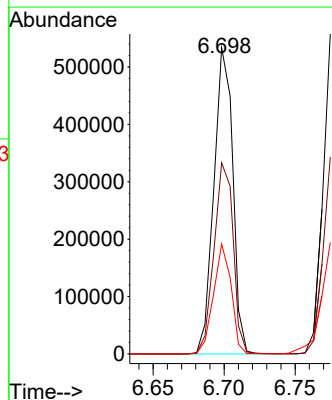
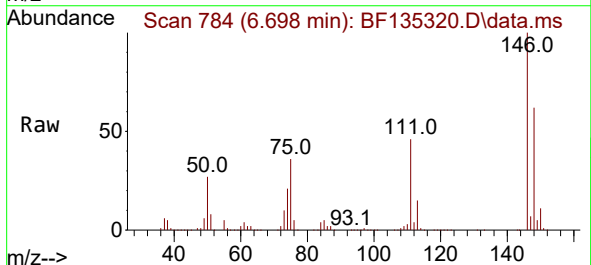
Instrument :
BNA_F
ClientSampleId :

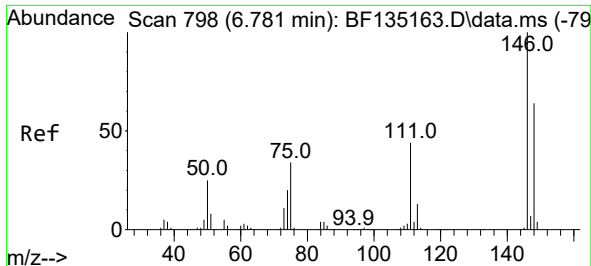
Tgt Ion: 93 Resp: 493100
Ion Ratio Lower Upper
93 100
63 90.1 67.3 107.3
95 32.7 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 61.015 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Tgt Ion:146 Resp: 492983
Ion Ratio Lower Upper
146 100
148 62.4 51.3 76.9
75 35.9 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 61.217 ng

RT: 6.775 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :

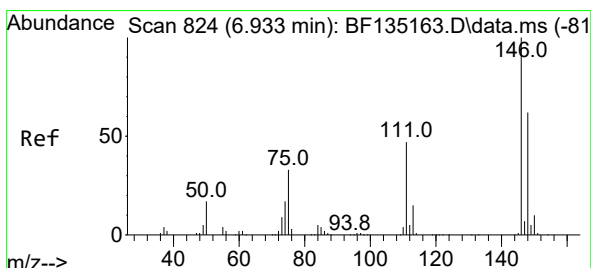
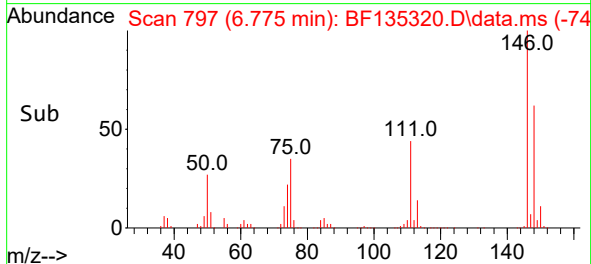
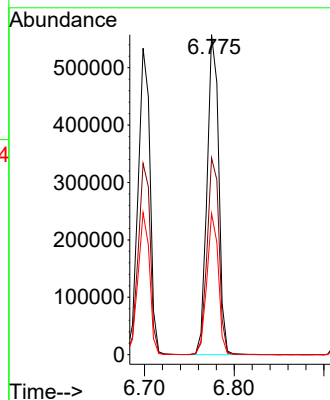
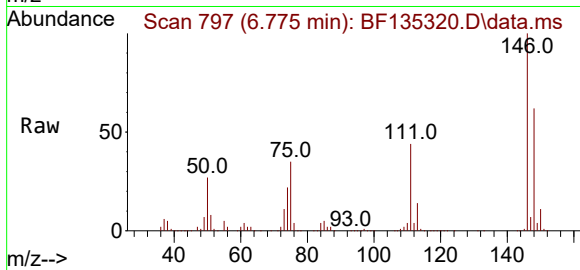
Tgt Ion:146 Resp: 503221

Ion Ratio Lower Upper

146 100

148 61.5 51.3 76.9

111 44.1 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 61.507 ng

RT: 6.928 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

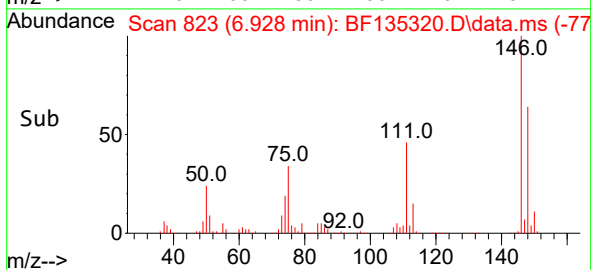
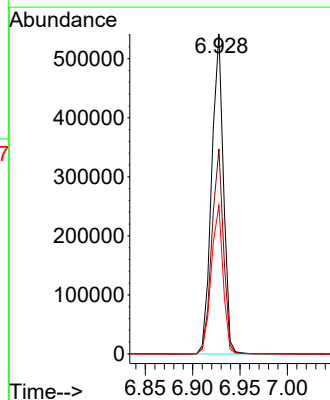
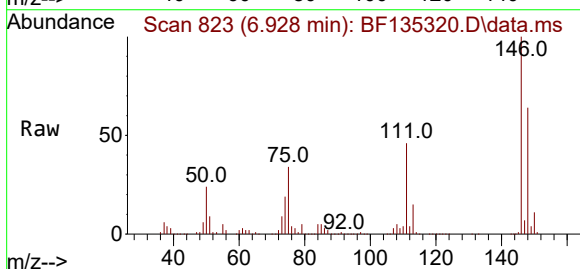
Tgt Ion:146 Resp: 469535

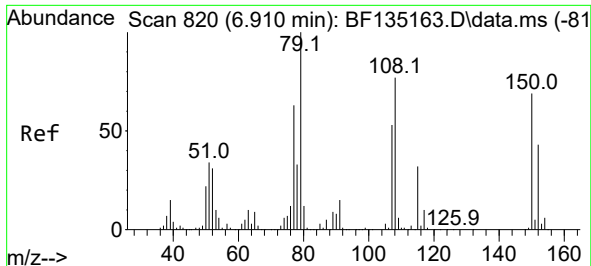
Ion Ratio Lower Upper

146 100

148 64.0 49.7 74.5

111 46.5 37.4 56.2

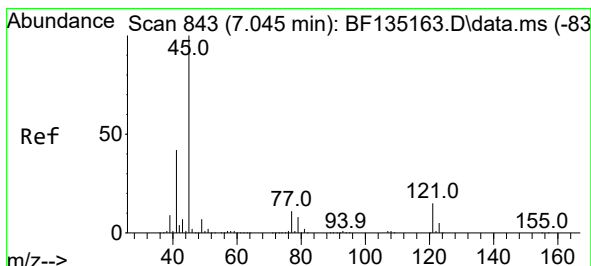
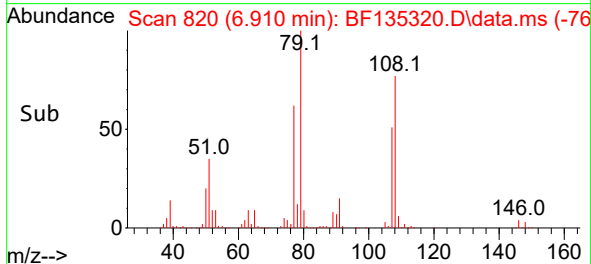
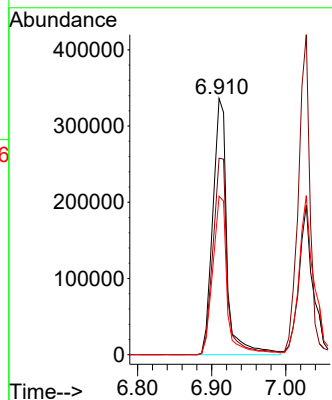
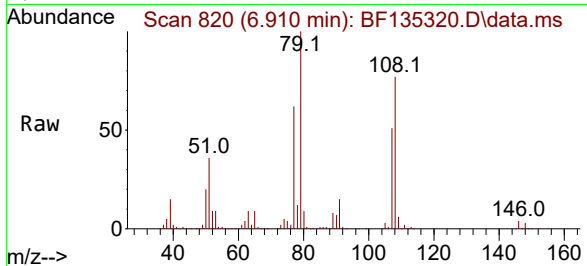




#15
Benzyl Alcohol
Concen: 65.721 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

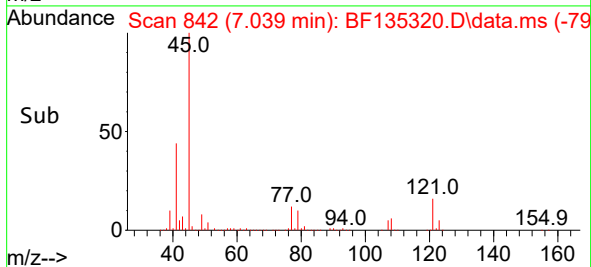
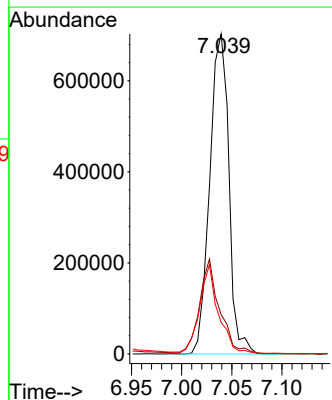
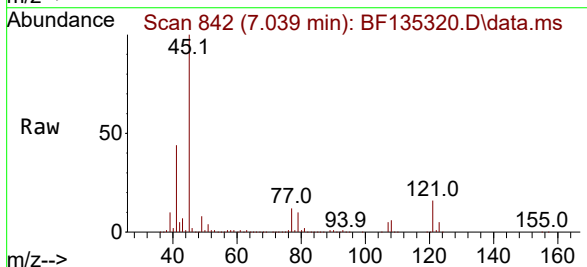
Instrument :
BNA_F
ClientSampleId :

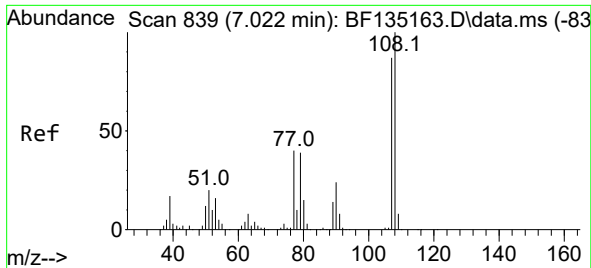
Tgt Ion: 79 Resp: 446604
Ion Ratio Lower Upper
79 100
108 76.7 61.2 91.8
77 61.8 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 63.451 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

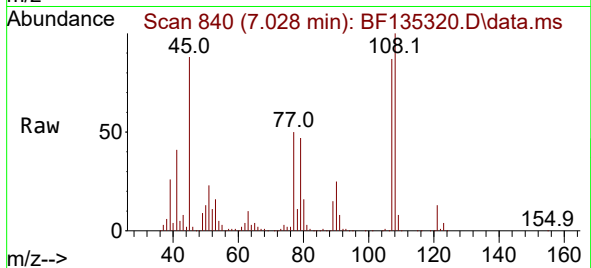
Tgt Ion: 45 Resp: 931586
Ion Ratio Lower Upper
45 100
77 12.3 0.0 30.6
79 9.8 0.0 28.3



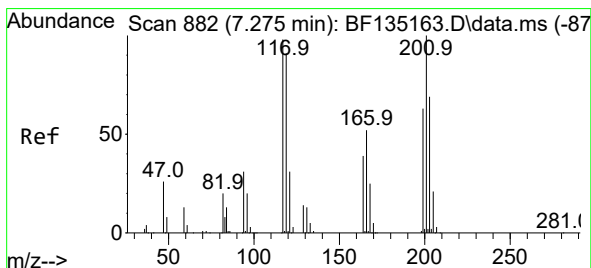
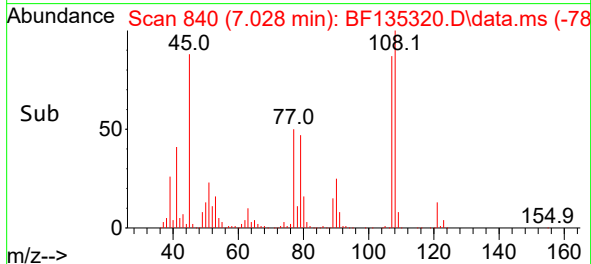
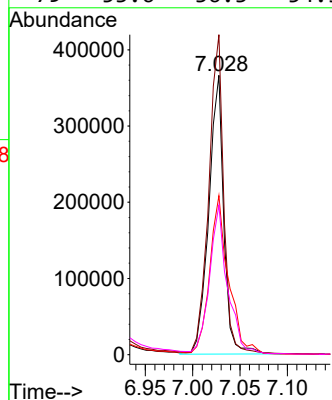


#17
2-Methylphenol
Concen: 57.580 ng
RT: 7.028 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Instrument :
BNA_F
ClientSampleId :

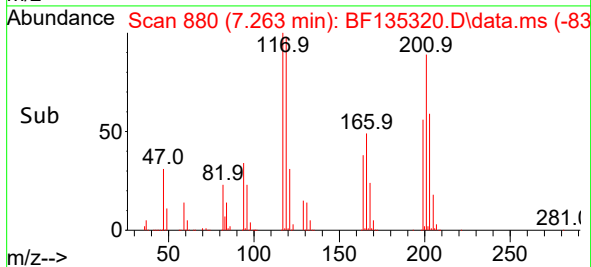
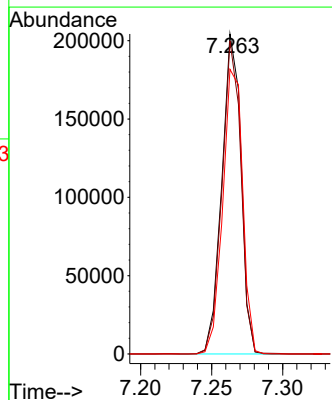
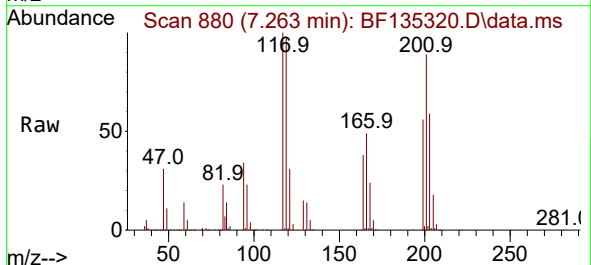


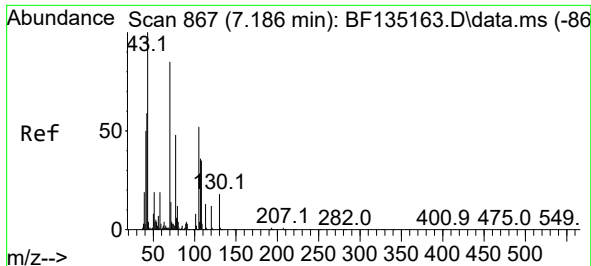
Tgt Ion:107 Resp: 403961
Ion Ratio Lower Upper
107 100
108 114.6 92.0 138.0
77 56.9 36.7 55.1#
79 53.6 36.3 54.5



#18
Hexachloroethane
Concen: 63.242 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Tgt Ion:117 Resp: 192085
Ion Ratio Lower Upper
117 100
119 97.9 74.7 112.1
201 89.0 81.8 122.8

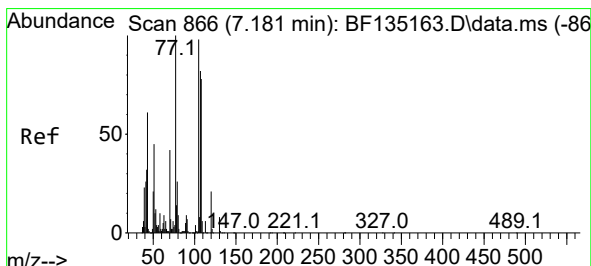
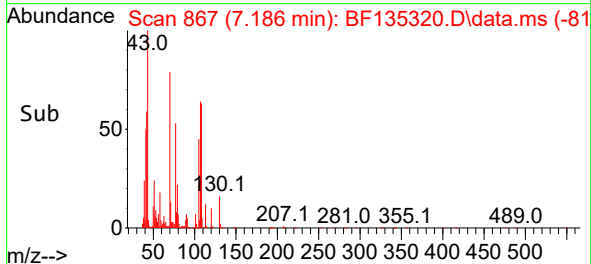
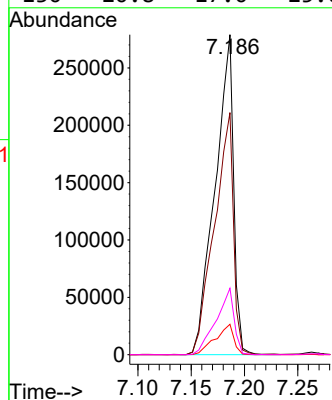
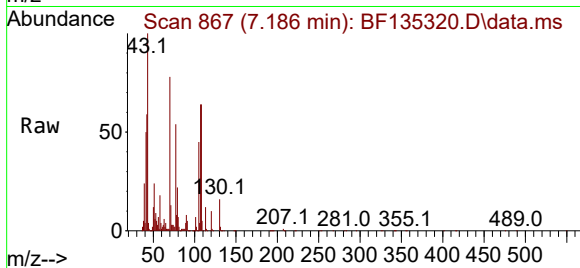




#19
n-Nitroso-di-n-propylamine
Concen: 57.541 ng
RT: 7.186 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

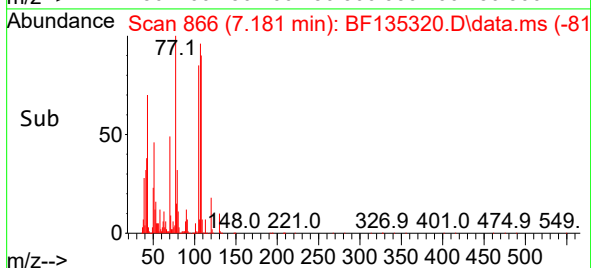
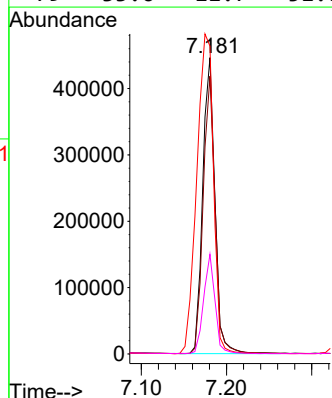
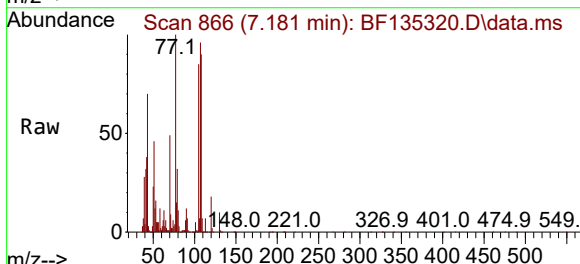
Instrument :
BNA_F
ClientSampleId :

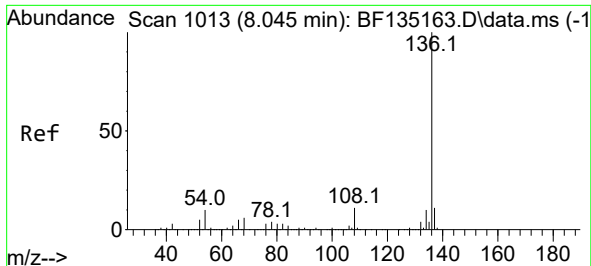
Tgt Ion: 70 Resp: 337510
Ion Ratio Lower Upper
70 100
42 75.7 55.4 83.0
101 9.5 7.7 11.5
130 20.8 17.0 25.6



#20
3+4-Methylphenols
Concen: 52.477 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Tgt Ion: 107 Resp: 442700
Ion Ratio Lower Upper
107 100
108 93.7 74.7 114.7
77 103.9 102.0 142.0
79 33.6 11.7 51.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.039 min Scan# 1013

Delta R.T. -0.006 min

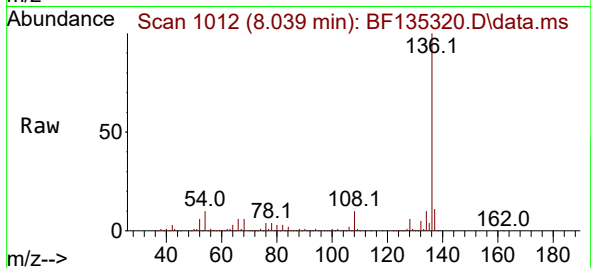
Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 451481

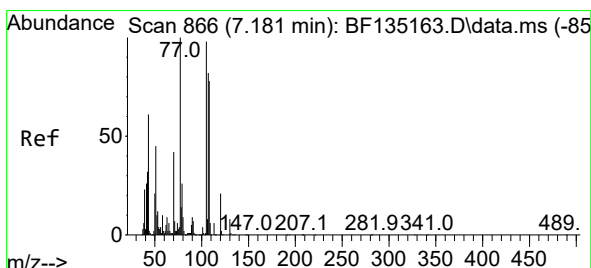
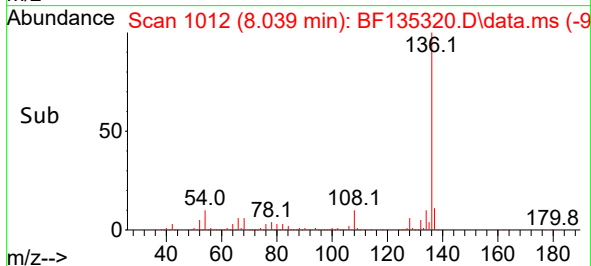
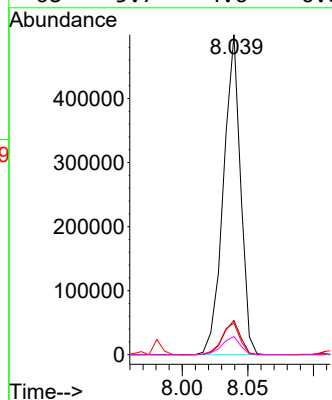
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 9.9 7.7 11.5

68 5.7 4.6 6.8



#22

Acetophenone

Concen: 63.365 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

Tgt Ion:105 Resp: 654057

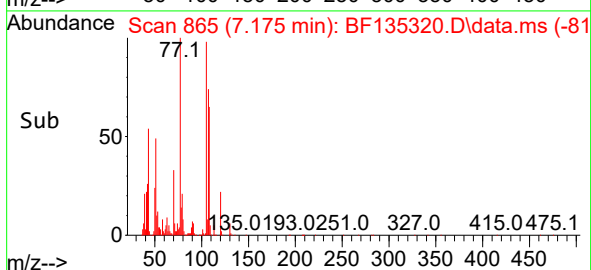
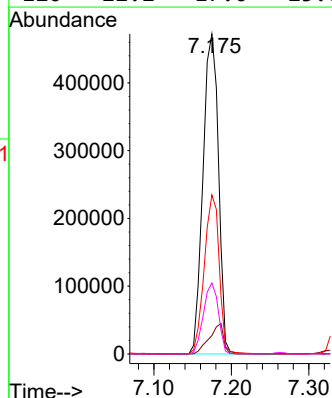
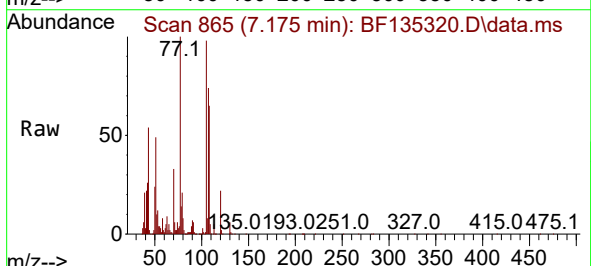
Ion Ratio Lower Upper

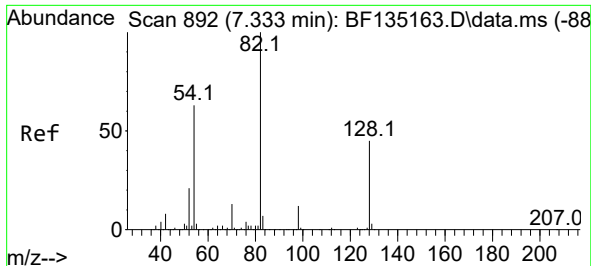
105 100

71 5.8 5.8 8.6#

51 49.7 37.0 55.4

120 22.2 17.0 25.6





#23

Nitrobenzene-d5

Concen: 115.371 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

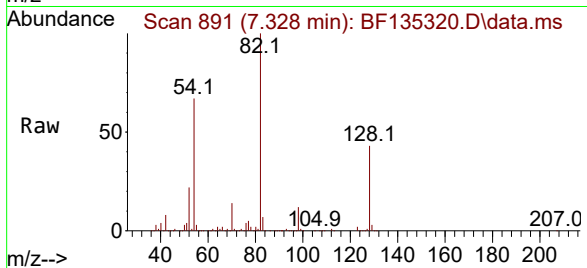
Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :



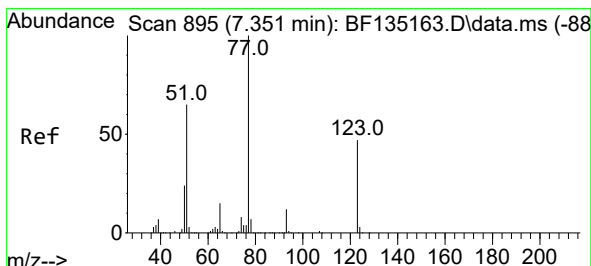
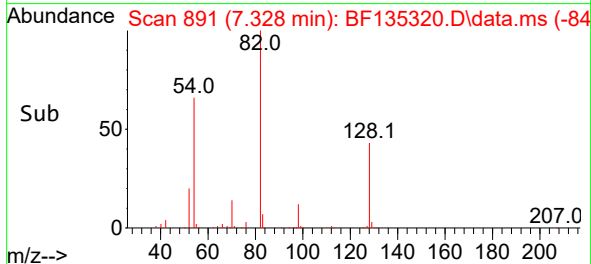
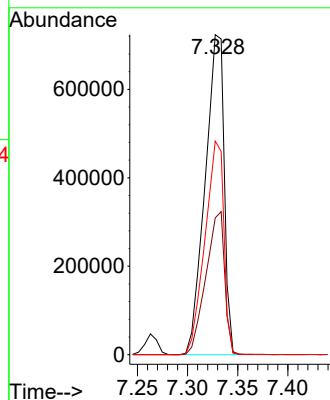
Tgt Ion: 82 Resp: 958741

Ion Ratio Lower Upper

82 100

128 42.7 35.8 53.6

54 66.7 50.6 76.0



#24

Nitrobenzene

Concen: 65.968 ng

RT: 7.351 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

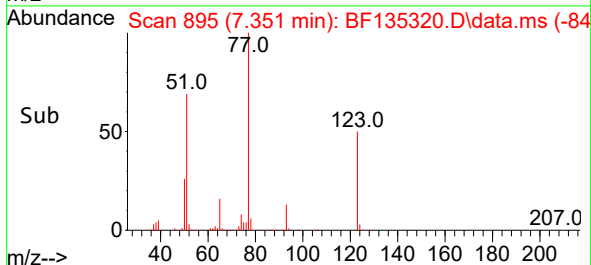
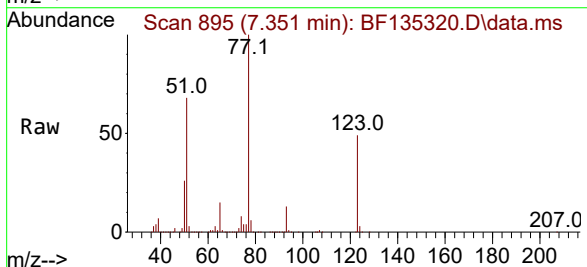
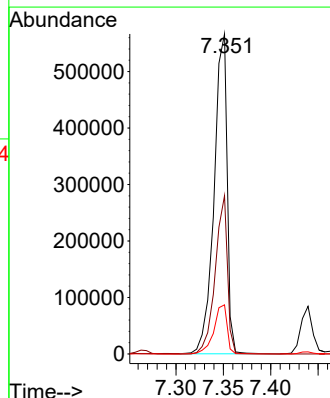
Tgt Ion: 77 Resp: 541837

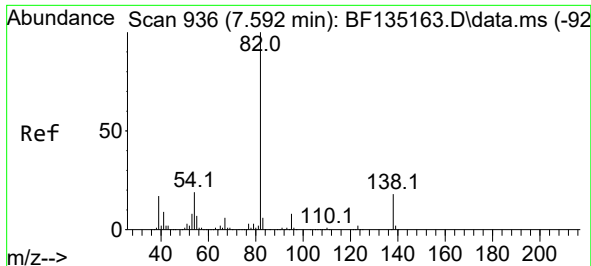
Ion Ratio Lower Upper

77 100

123 49.5 37.6 56.4

65 15.3 12.2 18.4

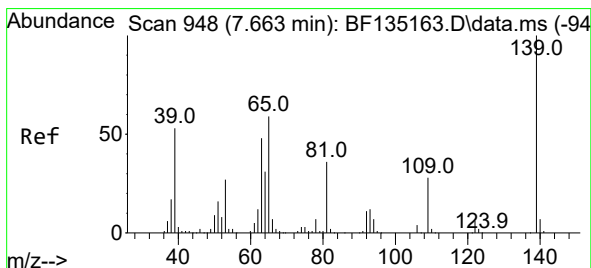
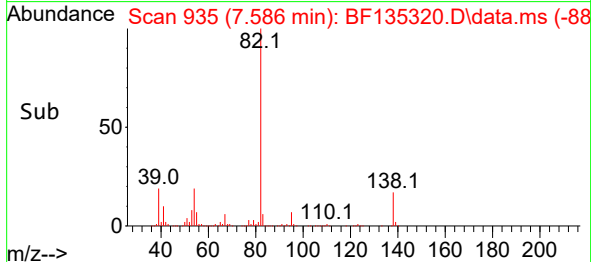
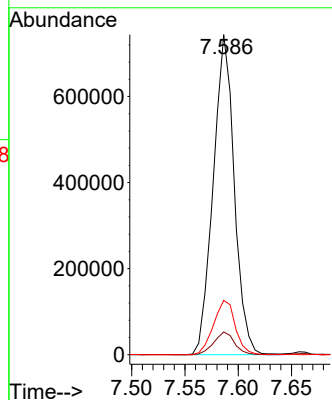
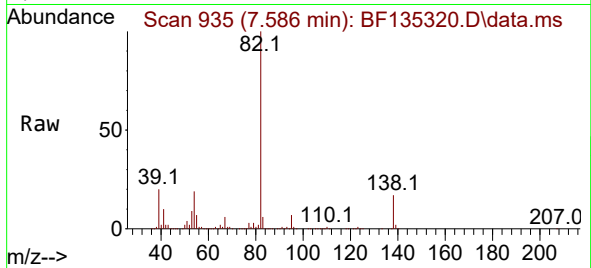




#25
Isophorone
Concen: 66.864 ng
RT: 7.586 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

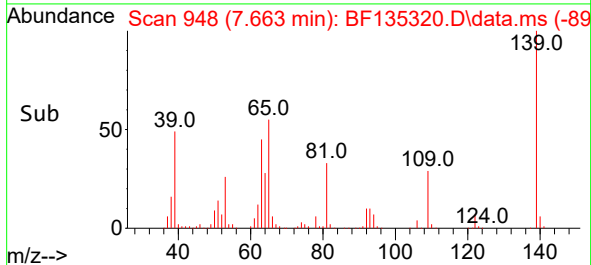
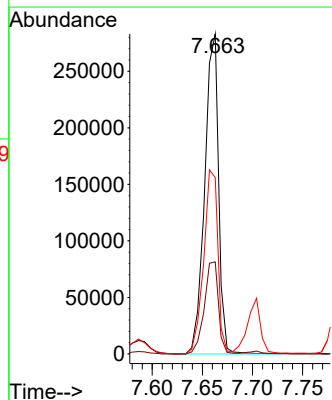
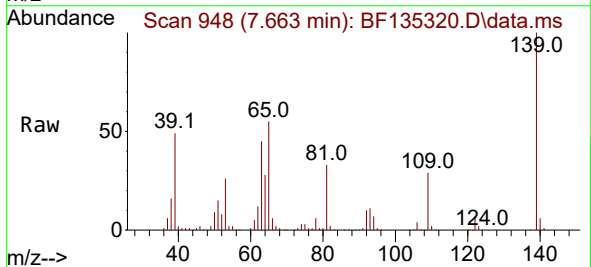
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1020313
Ion Ratio Lower Upper
82 100
95 7.1 6.0 9.0
138 17.0 14.5 21.7



#26
2-Nitrophenol
Concen: 69.542 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Tgt Ion:139 Resp: 274143
Ion Ratio Lower Upper
139 100
109 28.8 22.6 33.8
65 55.1 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 60.040 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

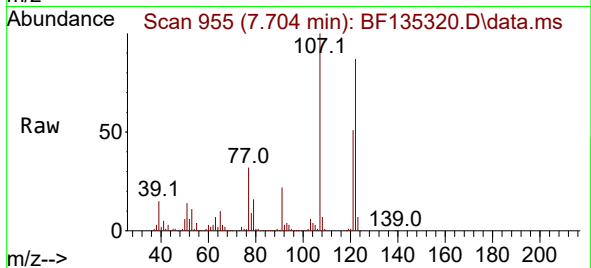
Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :



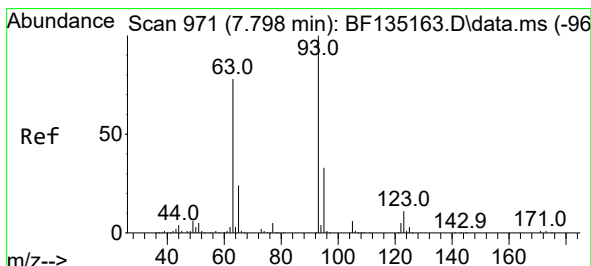
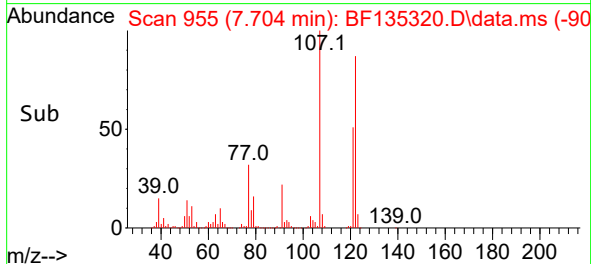
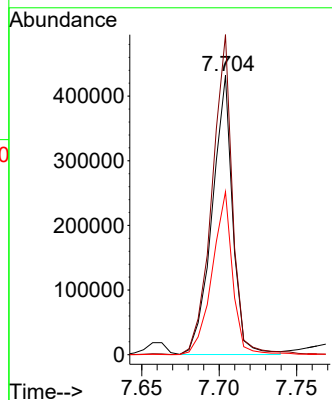
Tgt Ion:122 Resp: 397840

Ion Ratio Lower Upper

122 100

107 114.6 90.2 135.4

121 58.3 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 67.043 ng

RT: 7.798 min Scan# 971

Delta R.T. 0.000 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

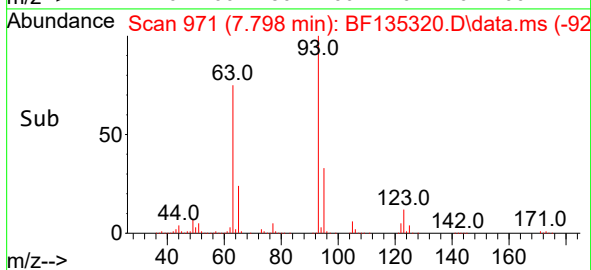
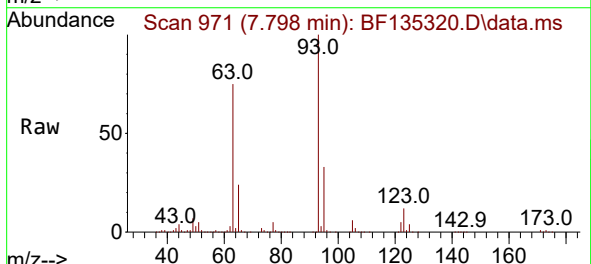
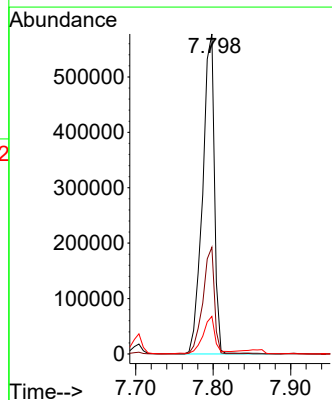
Tgt Ion: 93 Resp: 612324

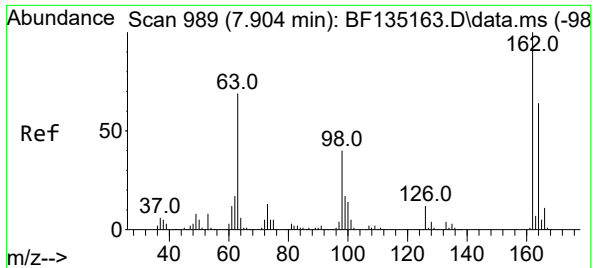
Ion Ratio Lower Upper

93 100

95 33.3 26.2 39.2

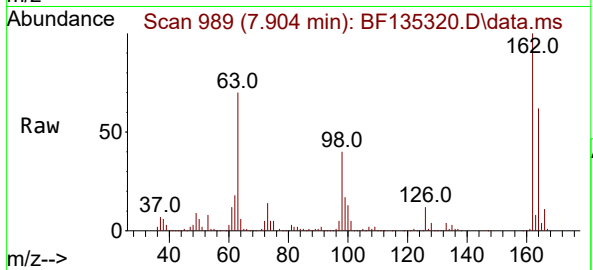
123 11.8 8.8 13.2



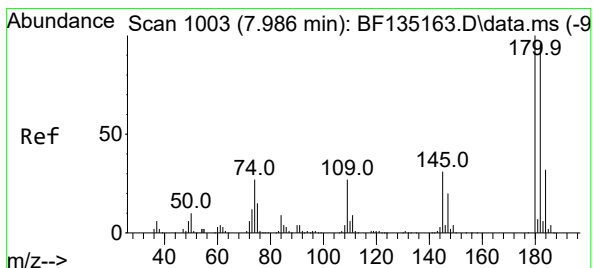
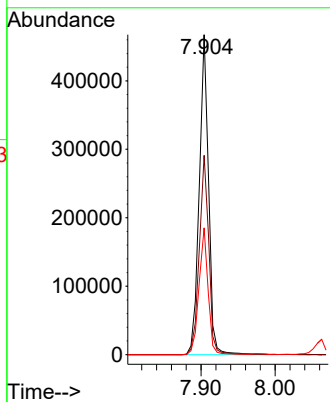
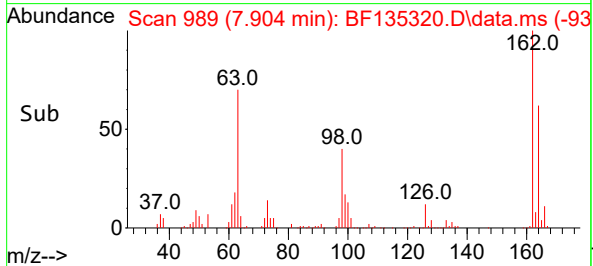


#29
2,4-Dichlorophenol
Concen: 66.473 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Instrument :
BNA_F
ClientSampleId :

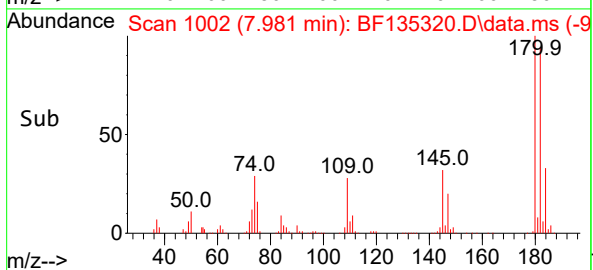
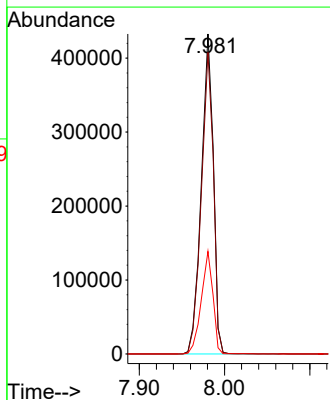
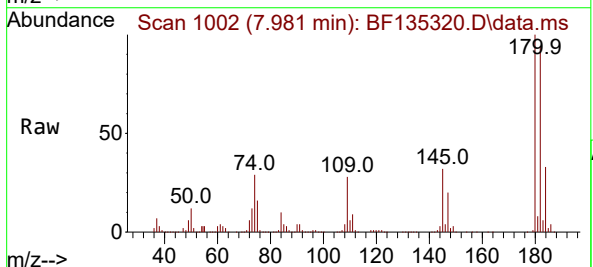


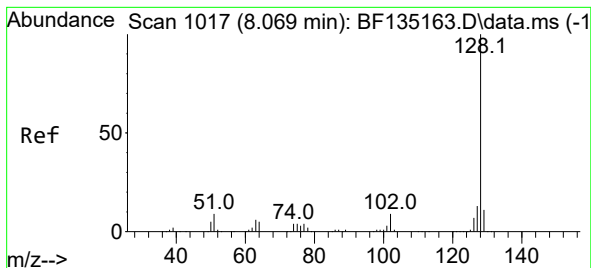
Tgt Ion:162 Resp: 408141
Ion Ratio Lower Upper
162 100
164 62.3 44.1 84.1
98 39.7 20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 66.157 ng
RT: 7.981 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Tgt Ion:180 Resp: 424574
Ion Ratio Lower Upper
180 100
182 94.3 76.9 115.3
145 32.1 24.5 36.7





#31

Naphthalene

Concen: 63.162 ng

RT: 8.063 min Scan# 1017

Delta R.T. -0.006 min

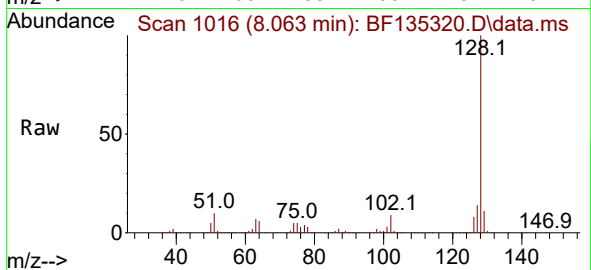
Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :



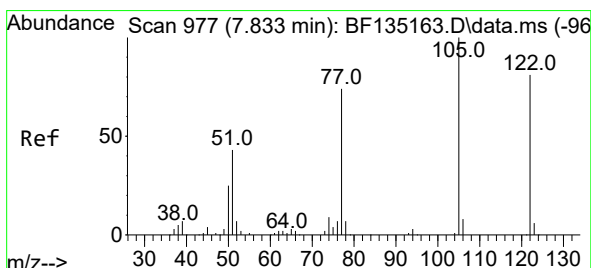
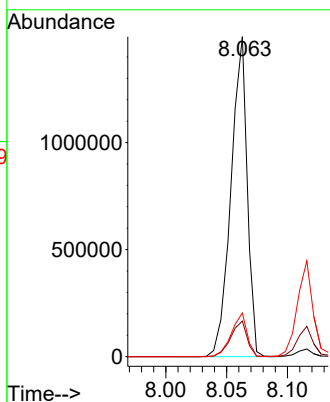
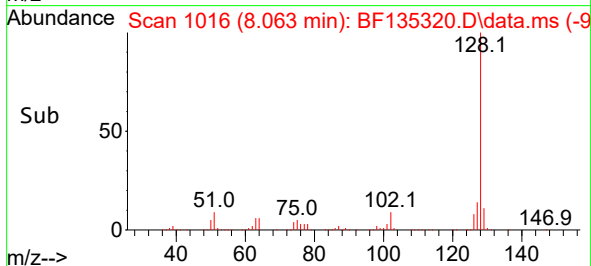
Tgt Ion:128 Resp: 1385521

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

127 13.6 10.7 16.1



#32

Benzoic acid

Concen: 68.185 ng

RT: 7.863 min Scan# 982

Delta R.T. 0.029 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

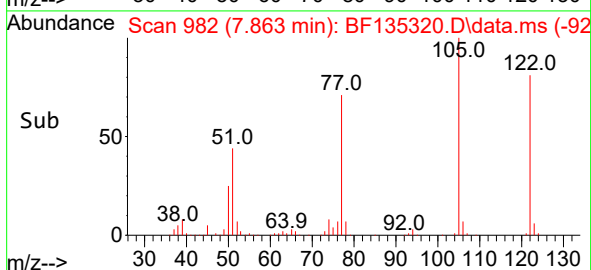
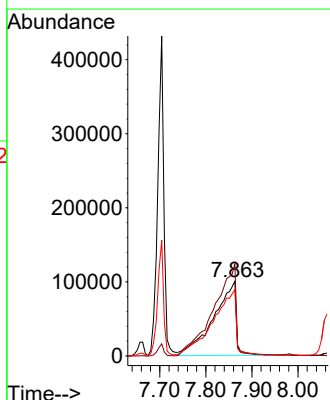
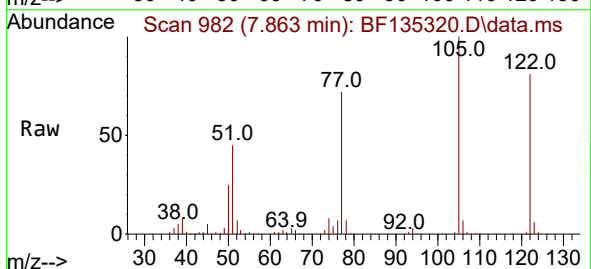
Tgt Ion:122 Resp: 340215

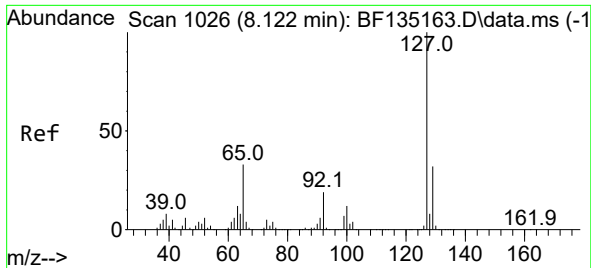
Ion Ratio Lower Upper

122 100

105 123.6 99.9 139.9

77 88.9 70.0 110.0

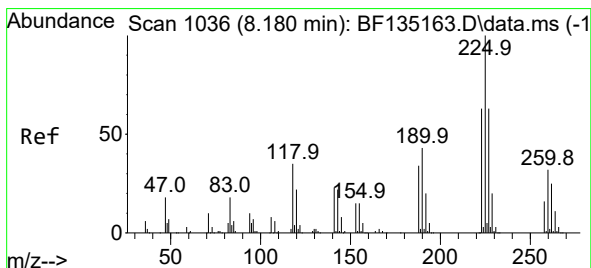
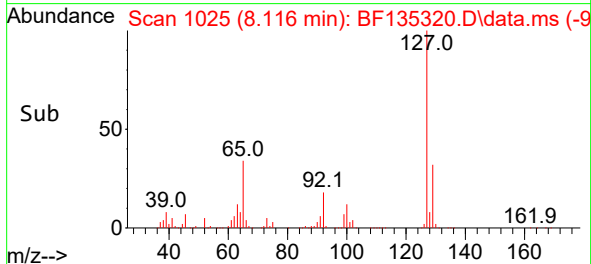
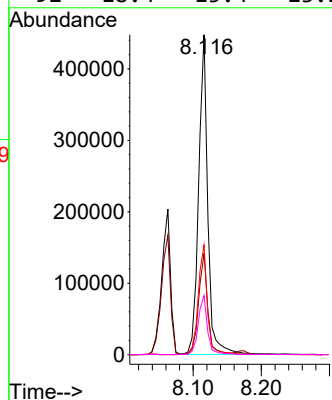
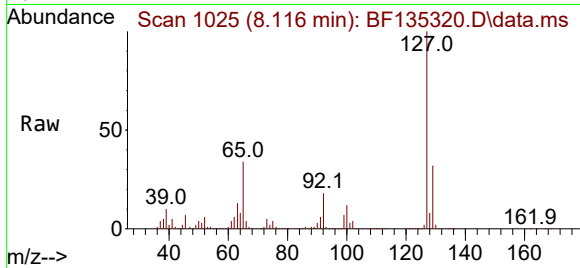




#33
4-Chloroaniline
Concen: 43.437 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

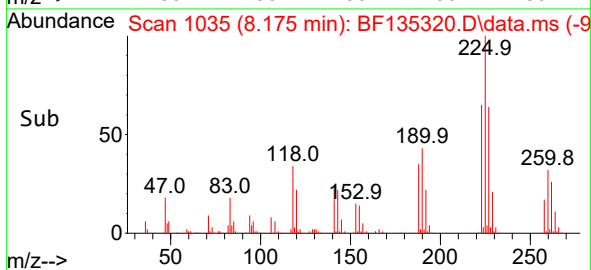
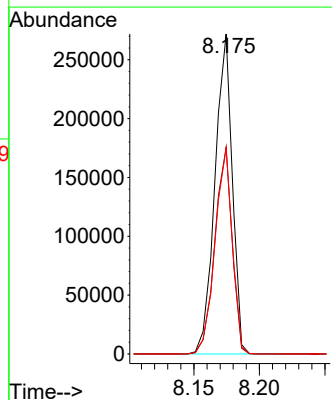
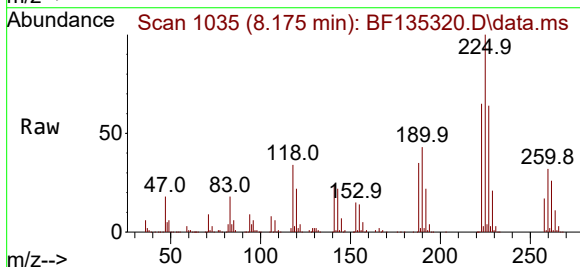
Instrument :
BNA_F
ClientSampleId :

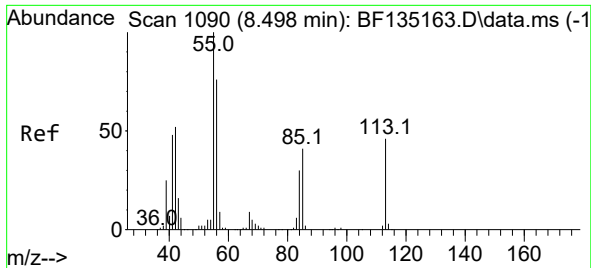
Tgt Ion:	127	Resp:	418048
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.8	38.8
65	34.2	26.6	39.8
92	18.4	15.4	23.2



#34
Hexachlorobutadiene
Concen: 64.451 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Tgt Ion:	225	Resp:	249408
Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.6	75.8
227	64.3	50.8	76.2

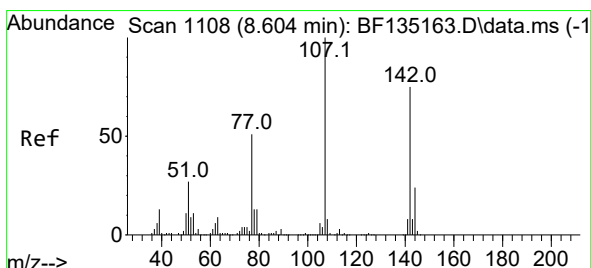
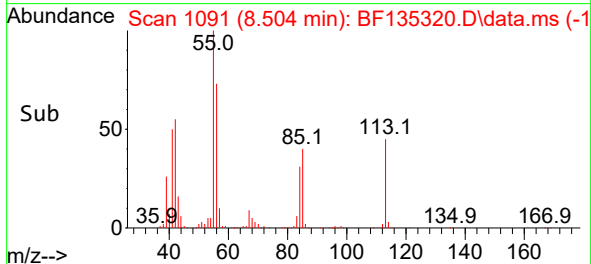
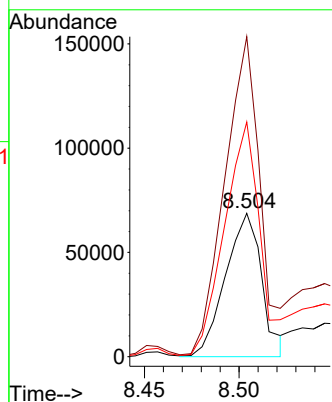
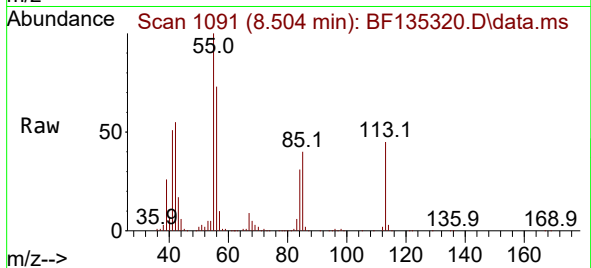




#35
 Caprolactam
 Concen: 44.383 ng
 RT: 8.504 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF135320.D
 Acq: 18 Sep 2023 22:22

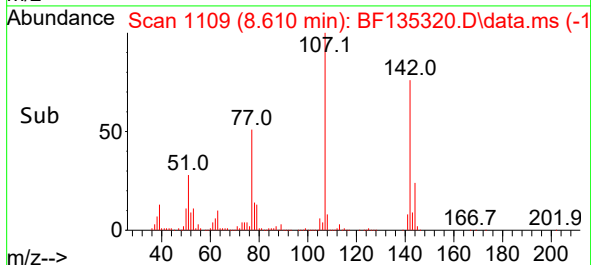
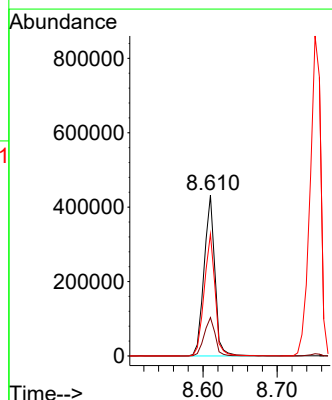
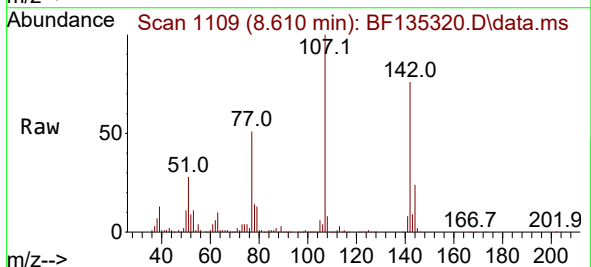
Instrument :
 BNA_F
 ClientSampleId :

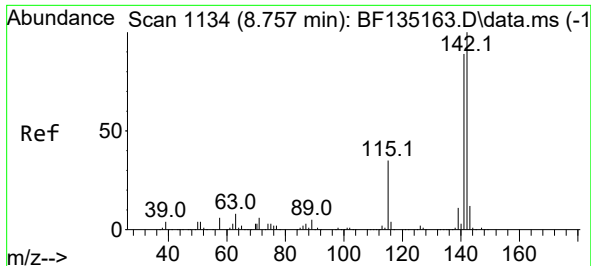
Tgt Ion:113 Resp: 91458
 Ion Ratio Lower Upper
 113 100
 55 223.2 199.3 239.3
 56 163.7 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 64.322 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF135320.D
 Acq: 18 Sep 2023 22:22

Tgt Ion:107 Resp: 438938
 Ion Ratio Lower Upper
 107 100
 144 23.9 19.0 28.4
 142 75.9 60.2 90.2

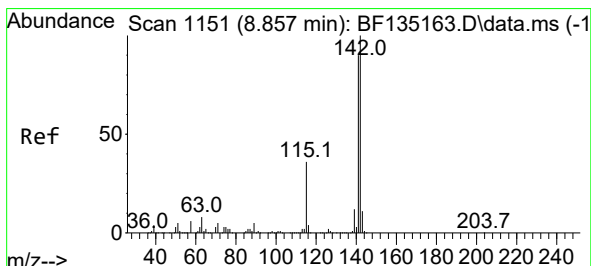
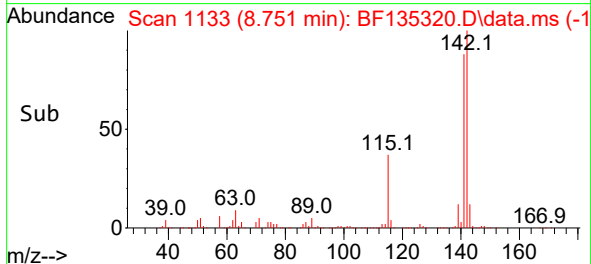
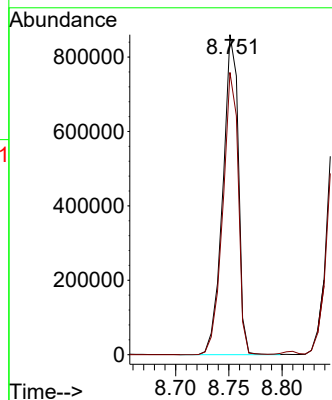
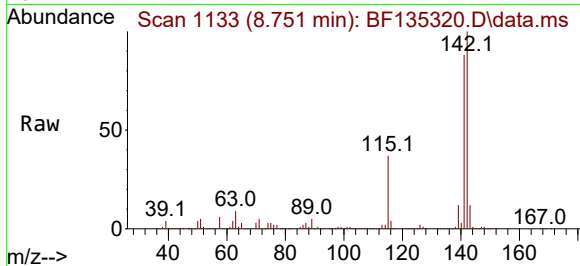




#37
2-Methylnaphthalene
Concen: 58.840 ng
RT: 8.751 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

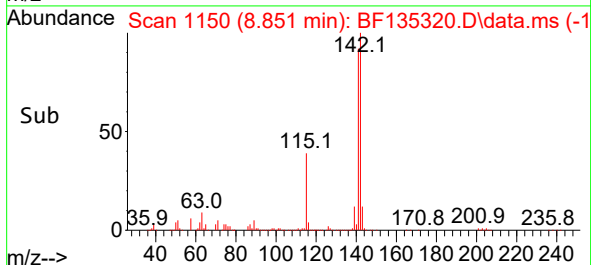
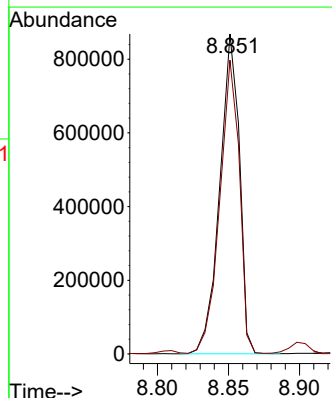
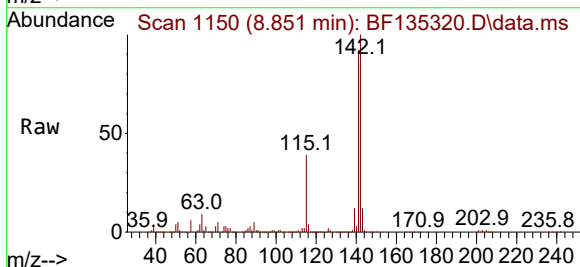
Instrument :
BNA_F
ClientSampleId :

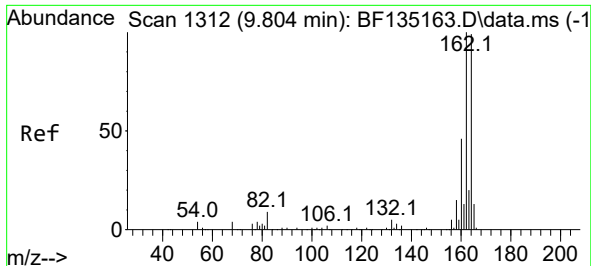
Tgt Ion:142 Resp: 867611
Ion Ratio Lower Upper
142 100
141 88.2 71.0 106.6



#38
1-Methylnaphthalene
Concen: 60.470 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Tgt Ion:142 Resp: 834794
Ion Ratio Lower Upper
142 100
141 91.8 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :

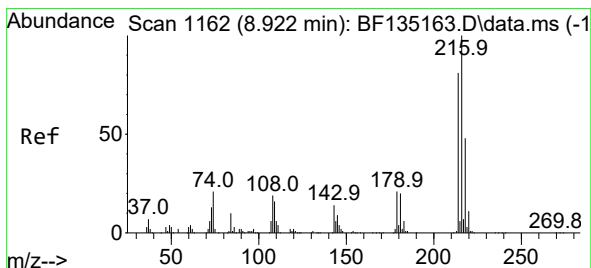
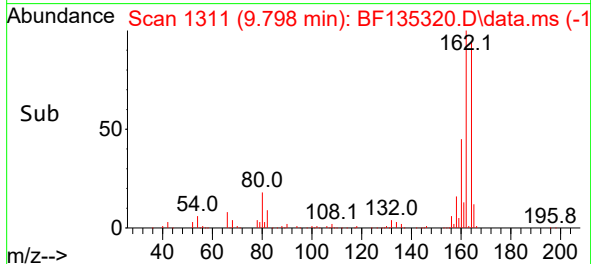
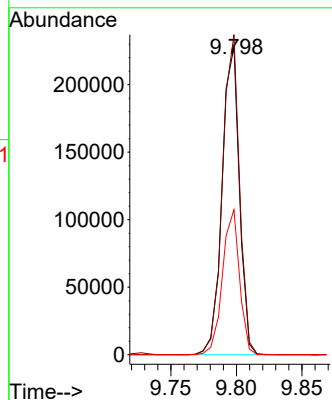
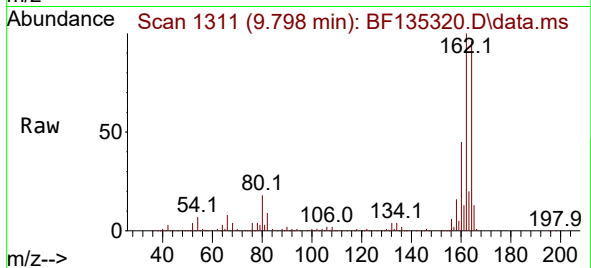
Tgt Ion:164 Resp: 209033

Ion Ratio Lower Upper

164 100

162 103.9 81.0 121.4

160 47.1 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 68.191 ng

RT: 8.922 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

Tgt Ion:216 Resp: 412956

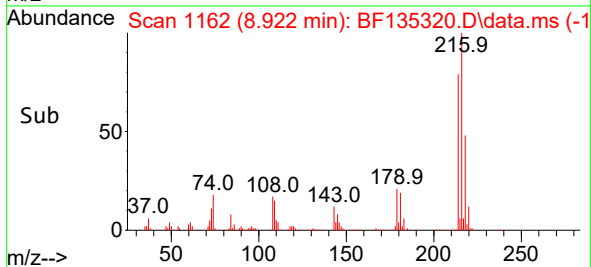
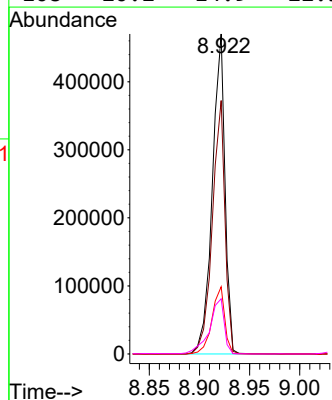
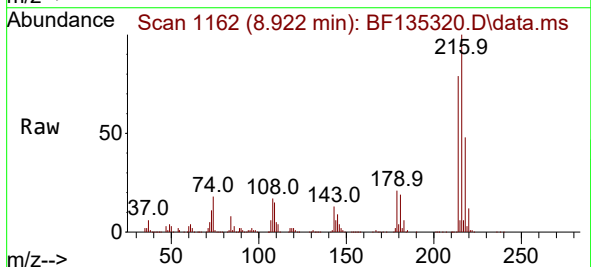
Ion Ratio Lower Upper

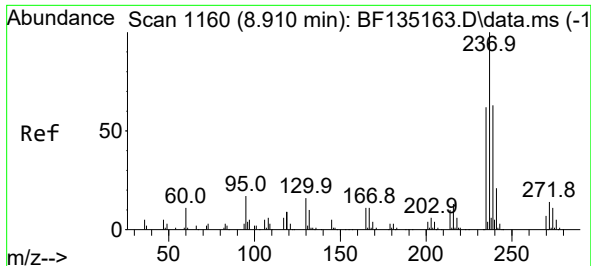
216 100

214 79.0 63.7 95.5

179 21.0 16.7 25.1

108 20.2 14.9 22.3

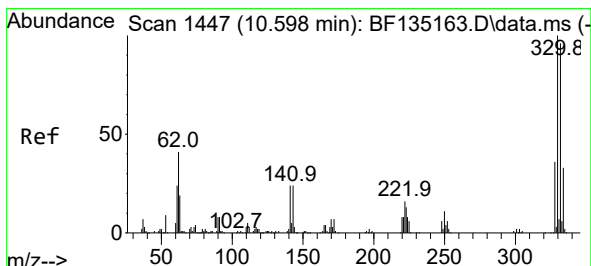
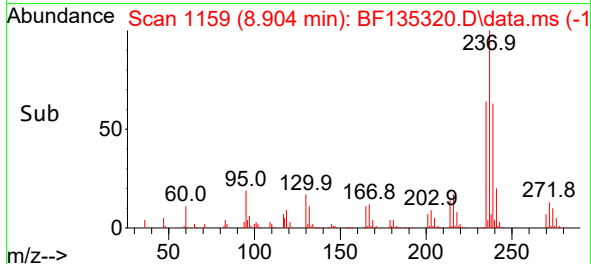
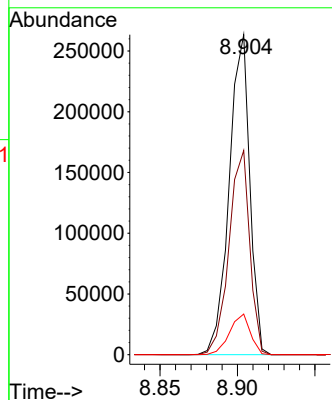
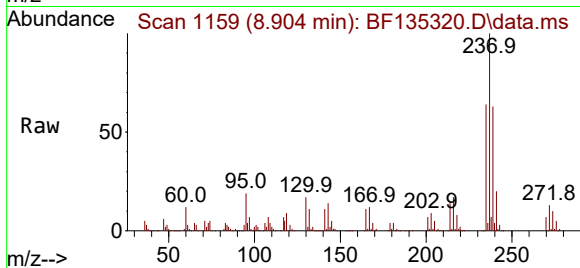




#41
Hexachlorocyclopentadiene
Concen: 90.252 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

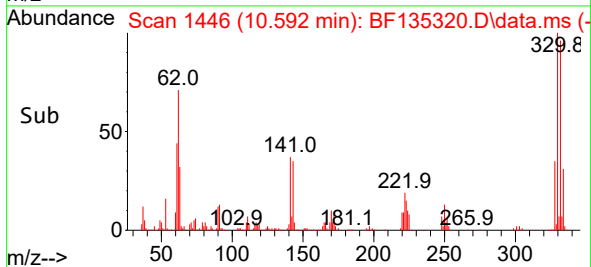
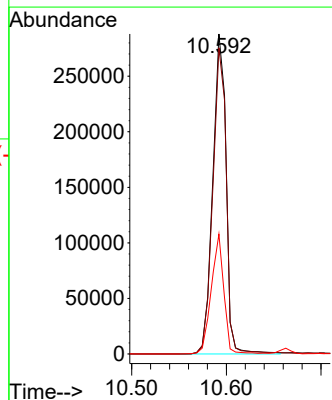
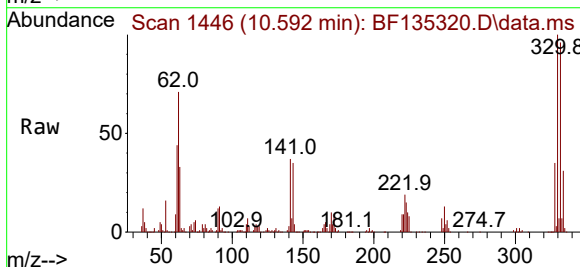
Instrument :
BNA_F
ClientSampleId :

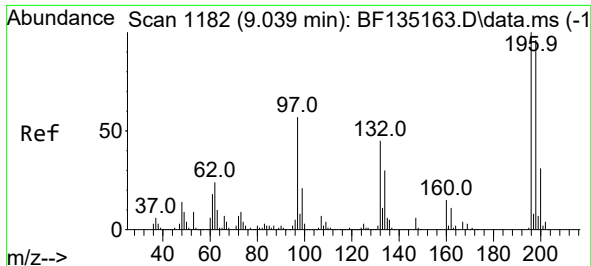
Tgt Ion: 237 Resp: 243608
Ion Ratio Lower Upper
237 100
235 63.8 41.8 81.8
272 12.7 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 135.428 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

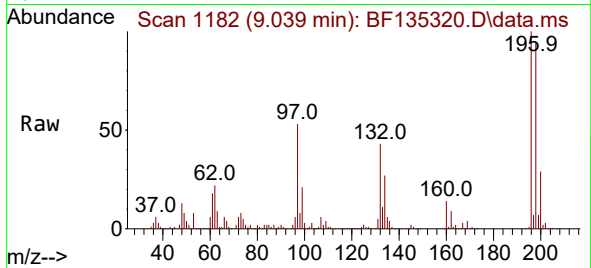
Tgt Ion: 330 Resp: 281323
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 35.5 25.8 38.8



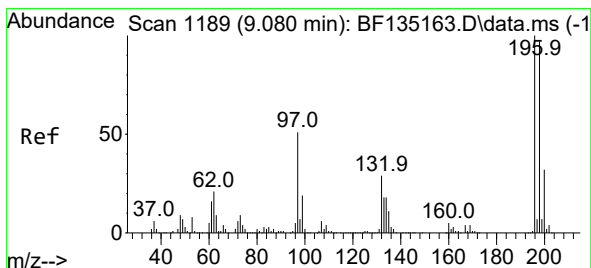
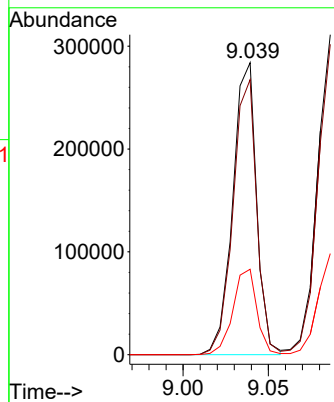
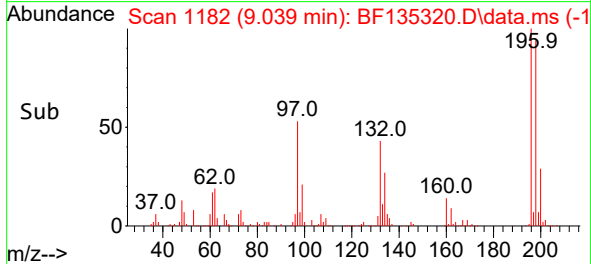


#43
 2,4,6-Trichlorophenol
 Concen: 69.814 ng
 RT: 9.039 min Scan# 1182
 Delta R.T. 0.000 min
 Lab File: BF135320.D
 Acq: 18 Sep 2023 22:22

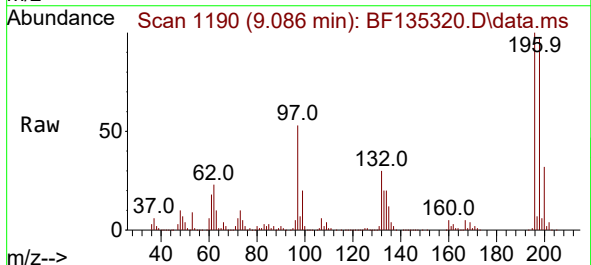
Instrument :
 BNA_F
 ClientSampleId :



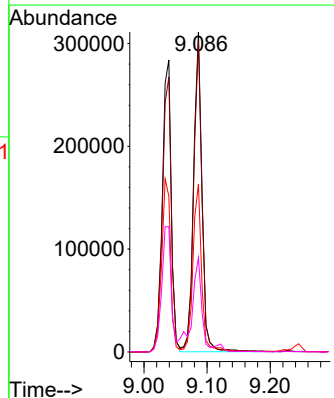
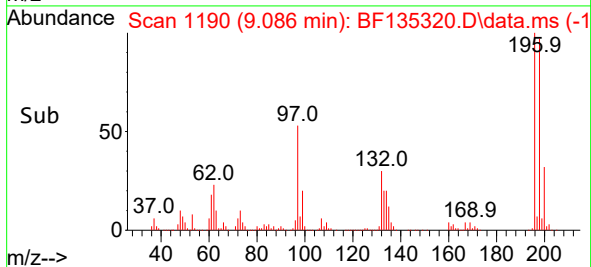
Tgt Ion:196 Resp: 276815
 Ion Ratio Lower Upper
 196 100
 198 94.2 77.0 115.6
 200 29.3 24.5 36.7

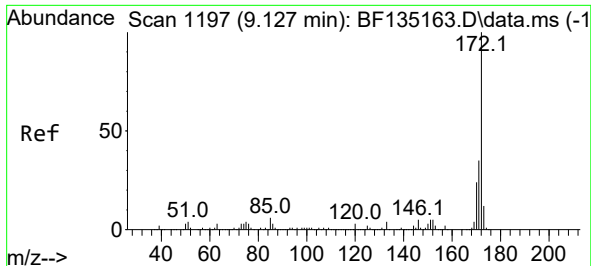


#44
 2,4,5-Trichlorophenol
 Concen: 63.096 ng
 RT: 9.086 min Scan# 1190
 Delta R.T. 0.006 min
 Lab File: BF135320.D
 Acq: 18 Sep 2023 22:22



Tgt Ion:196 Resp: 288105
 Ion Ratio Lower Upper
 196 100
 198 97.0 77.5 116.3
 97 52.5 40.5 60.7
 132 29.5 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 110.600 ng

RT: 9.122 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :

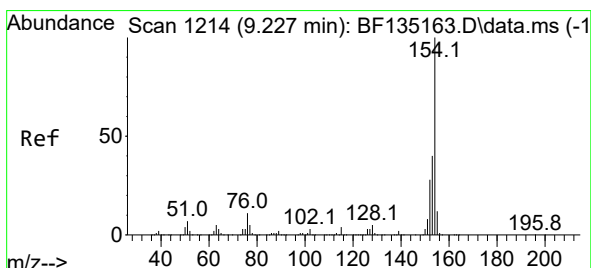
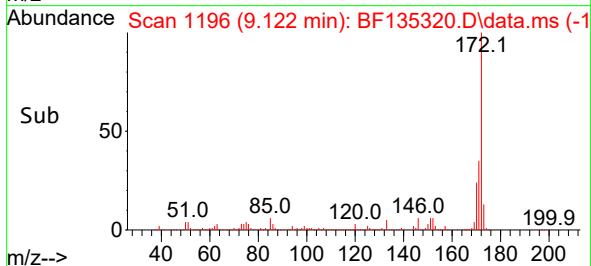
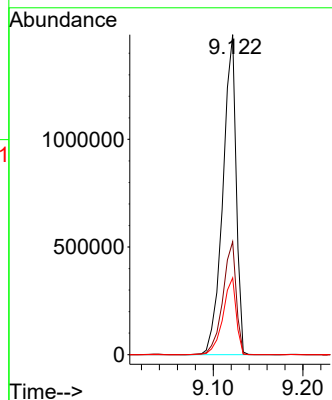
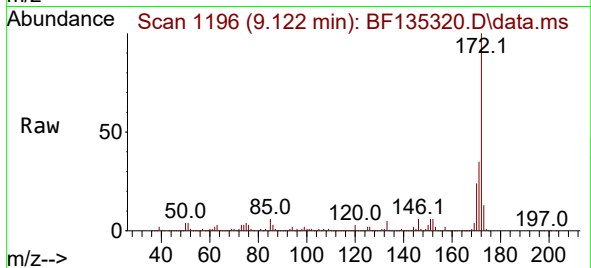
Tgt Ion:172 Resp: 1532362

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 24.0 19.0 28.4



#46

1,1'-Biphenyl

Concen: 66.476 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

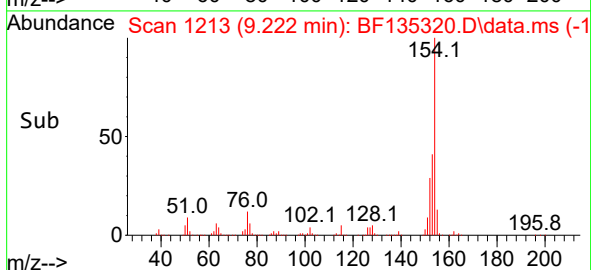
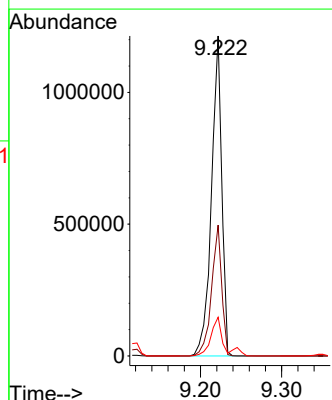
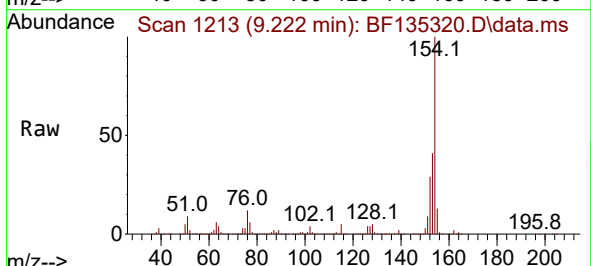
Tgt Ion:154 Resp: 1067858

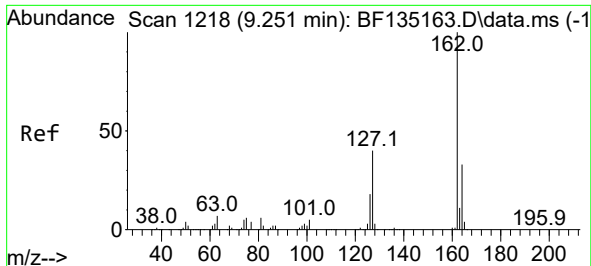
Ion Ratio Lower Upper

154 100

153 40.9 19.6 59.6

76 12.1 0.0 31.0





#47

2-Chloronaphthalene

Concen: 68.458 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :

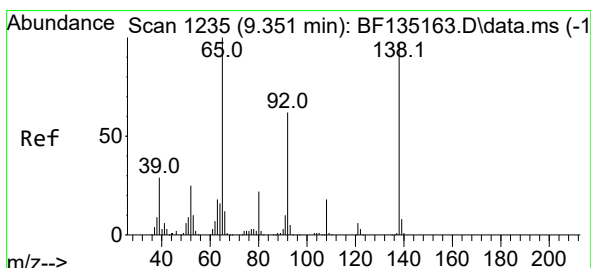
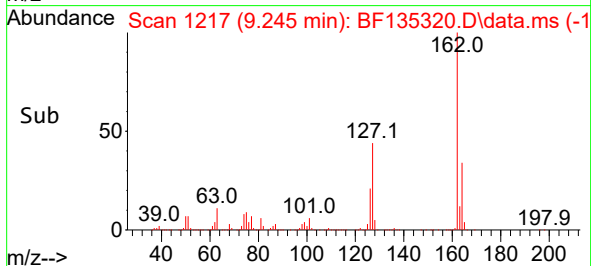
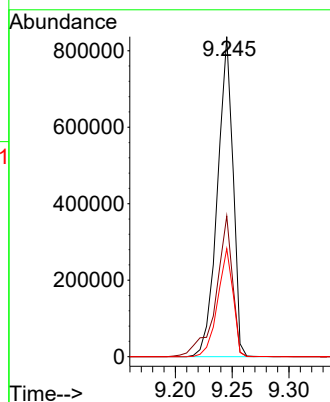
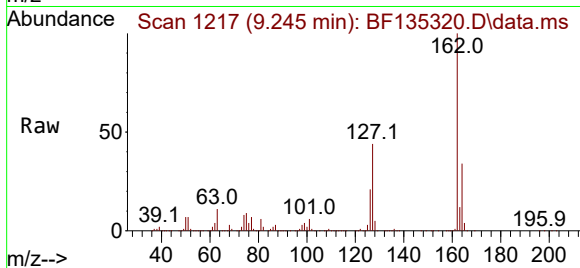
Tgt Ion:162 Resp: 797897

Ion Ratio Lower Upper

162 100

127 43.9 32.6 48.8

164 33.8 26.2 39.2



#48

2-Nitroaniline

Concen: 68.129 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

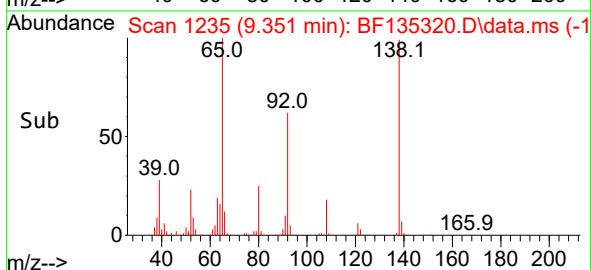
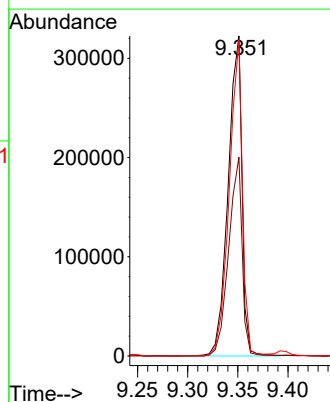
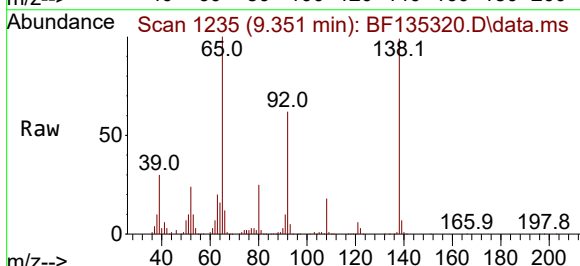
Tgt Ion: 65 Resp: 308489

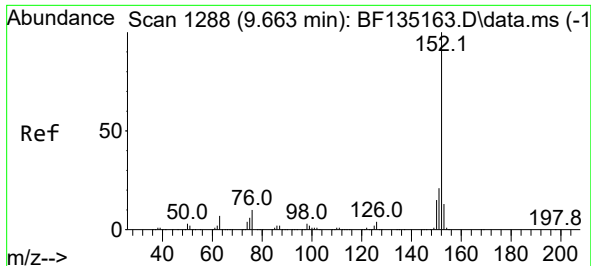
Ion Ratio Lower Upper

65 100

92 62.1 49.4 74.0

138 98.8 77.4 116.0

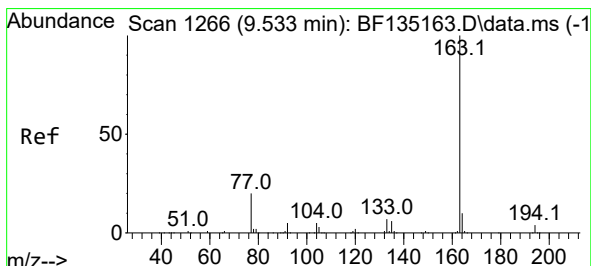
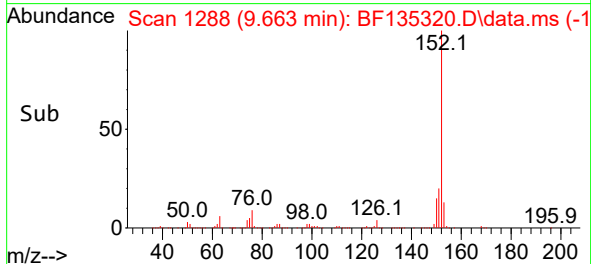
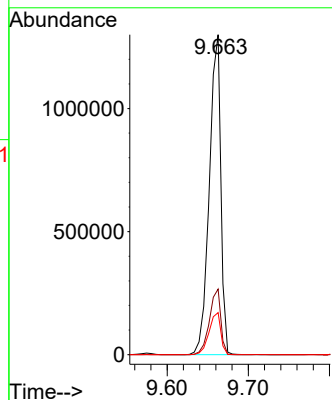
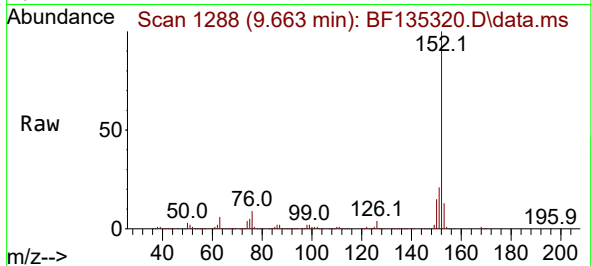




#49
Acenaphthylene
Concen: 65.634 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

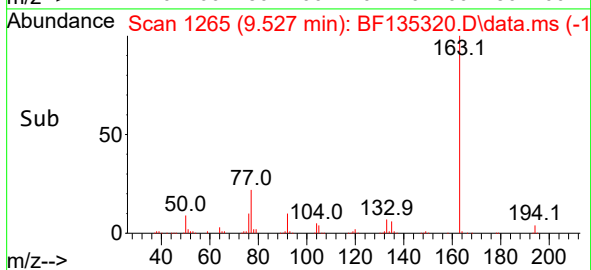
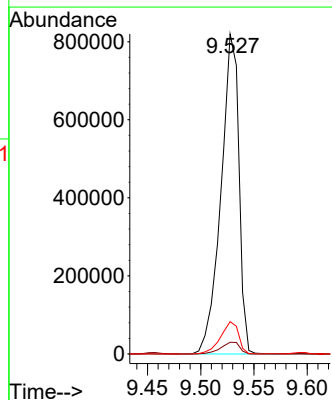
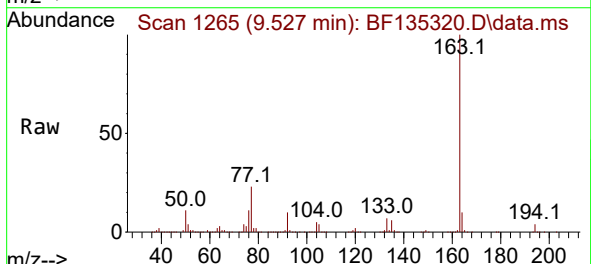
Instrument :
BNA_F
ClientSampleId :

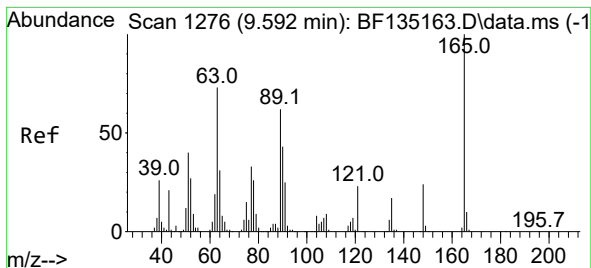
Tgt Ion:152 Resp: 1271338
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.1 10.4 15.6



#50
Dimethylphthalate
Concen: 67.929 ng
RT: 9.527 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Tgt Ion:163 Resp: 960023
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.1 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 67.481 ng

RT: 9.592 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :

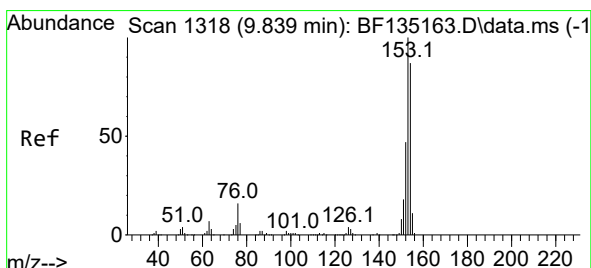
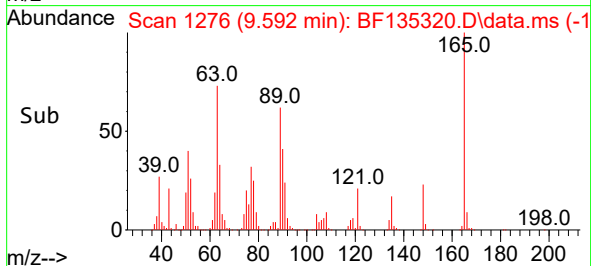
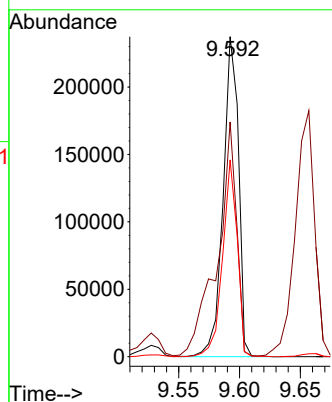
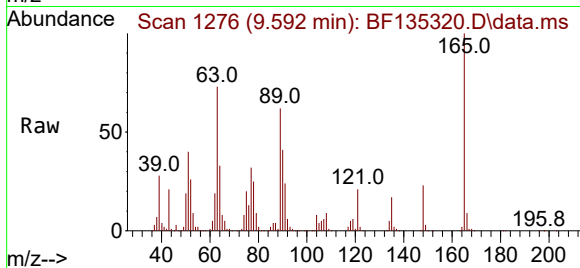
Tgt Ion:165 Resp: 208923

Ion Ratio Lower Upper

165 100

63 73.3 59.4 89.2

89 61.5 49.8 74.8



#52

Acenaphthene

Concen: 64.815 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

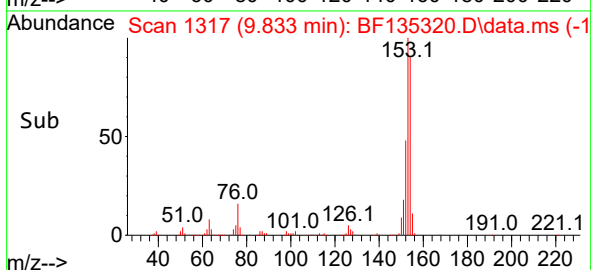
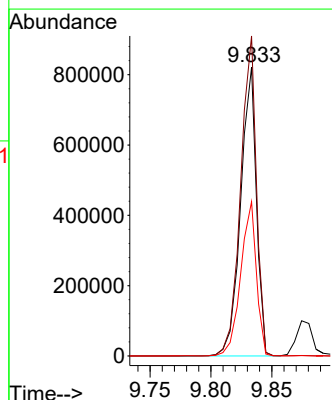
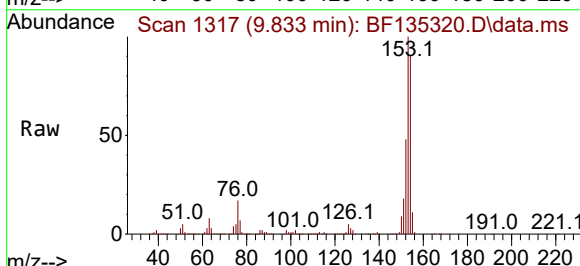
Tgt Ion:154 Resp: 741674

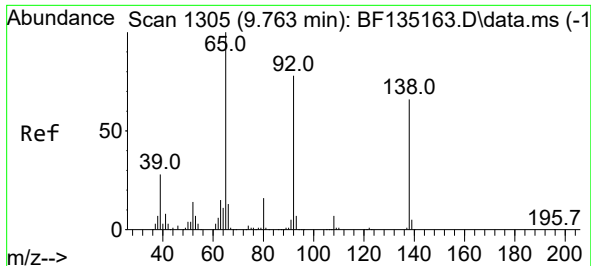
Ion Ratio Lower Upper

154 100

153 110.8 92.1 138.1

152 53.4 43.1 64.7

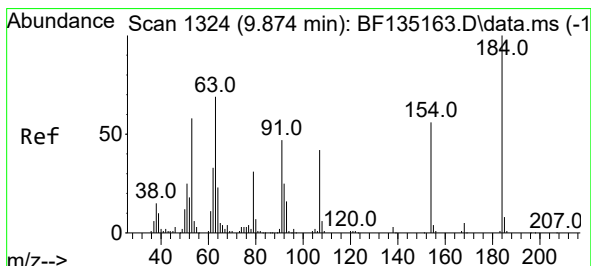
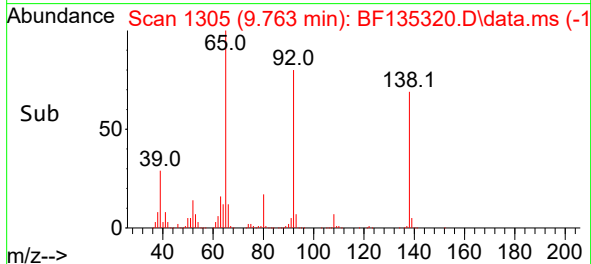
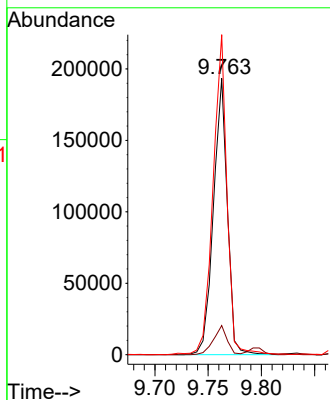
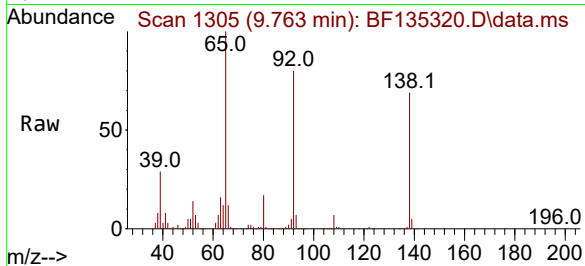




#53
3-Nitroaniline
Concen: 48.529 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

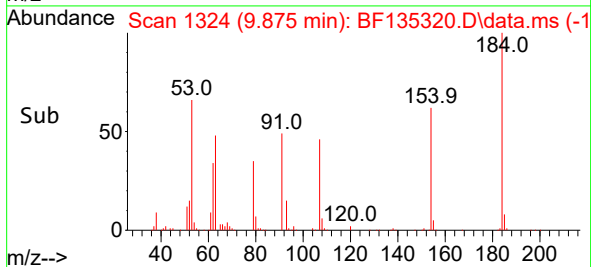
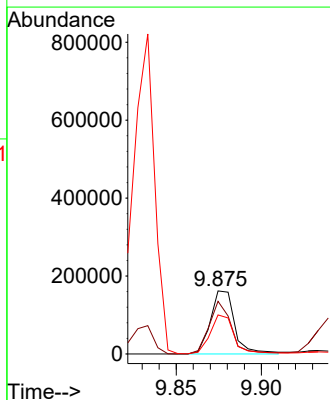
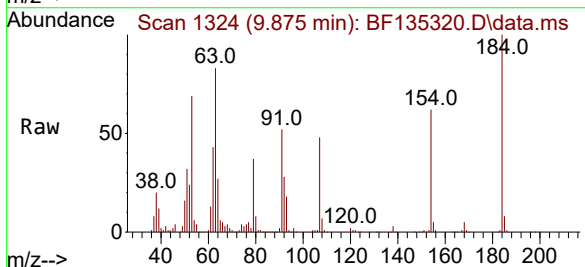
Instrument :
BNA_F
ClientSampleId :

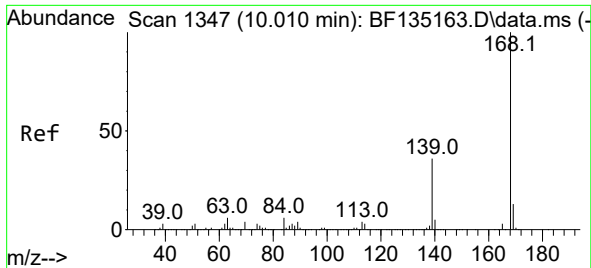
Tgt Ion:138 Resp: 176364
Ion Ratio Lower Upper
138 100
108 10.5 8.5 12.7
92 115.8 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 90.246 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

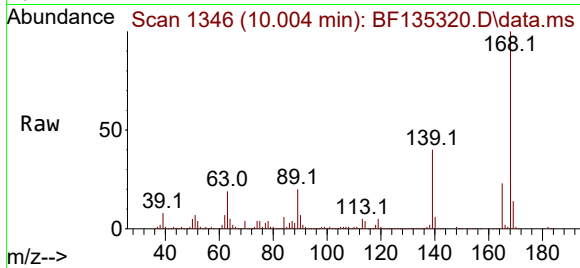
Tgt Ion:184 Resp: 160141
Ion Ratio Lower Upper
184 100
63 83.4 55.1 82.7#
154 62.0 48.4 72.6



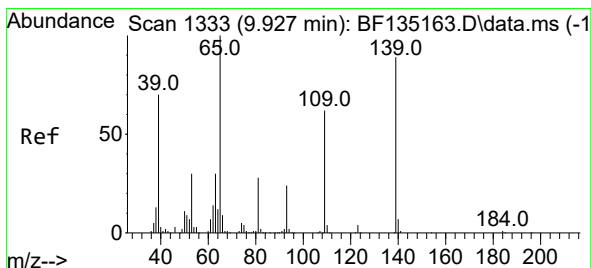
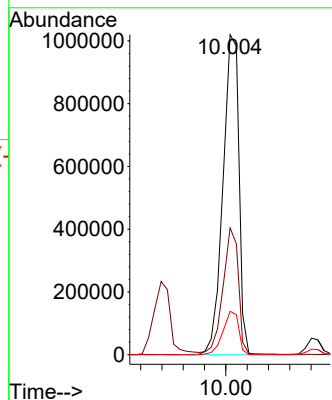
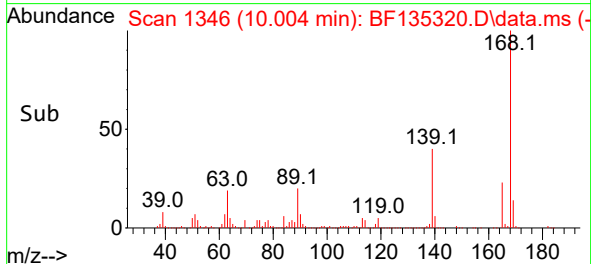


#55
Dibenzenofuran
Concen: 60.696 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Instrument :
BNA_F
ClientSampleId :

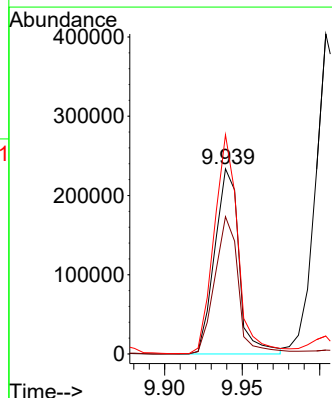
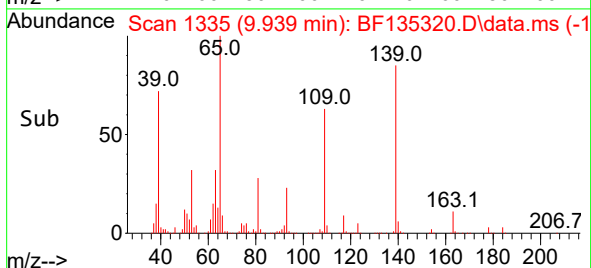
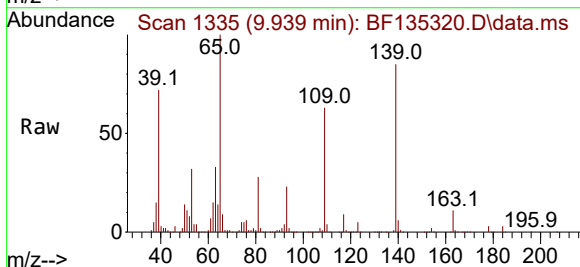


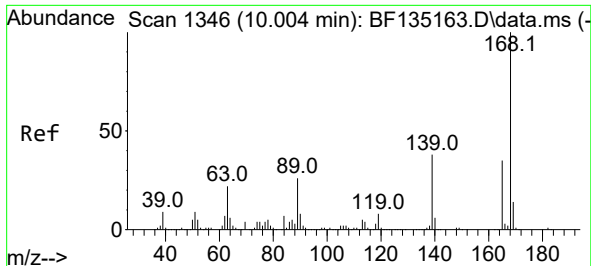
Tgt Ion:168 Resp: 1059843
Ion Ratio Lower Upper
168 100
139 39.6 29.0 43.6
169 13.5 10.4 15.6



#56
4-Nitrophenol
Concen: 110.506 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

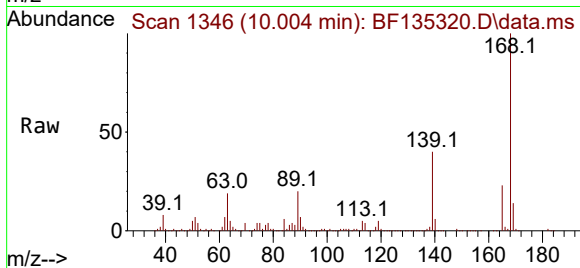
Tgt Ion:139 Resp: 255238
Ion Ratio Lower Upper
139 100
109 74.2 49.8 89.8
65 118.3 92.7 132.7



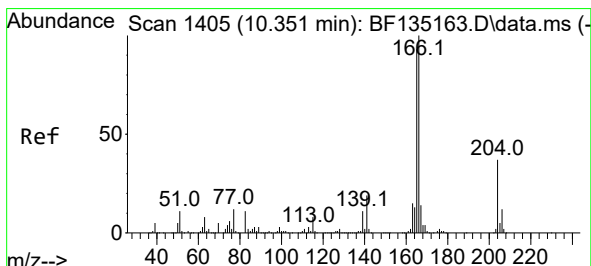
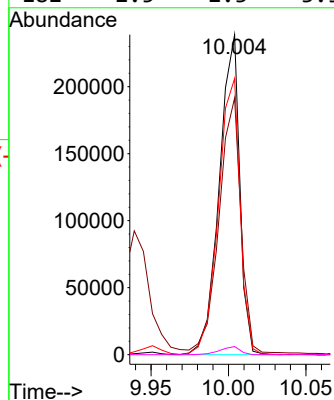
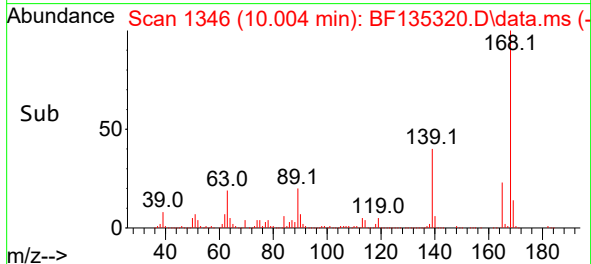


#57
2,4-Dinitrotoluene
Concen: 56.485 ng
RT: 10.004 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Instrument :
BNA_F
ClientSampleId :

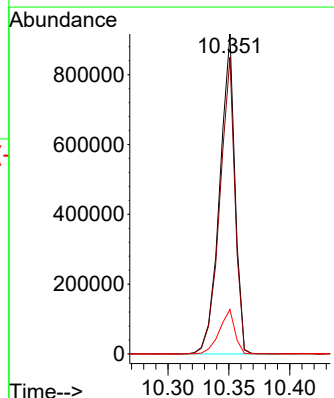
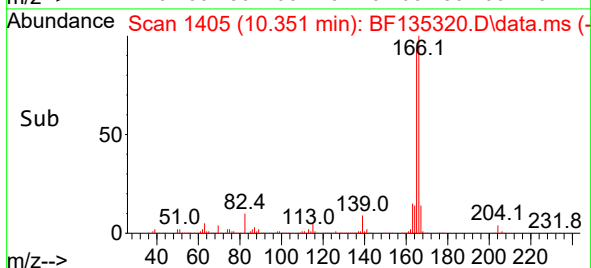
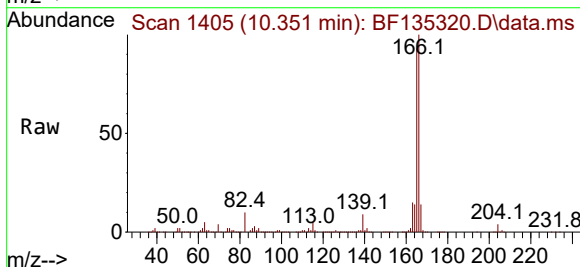


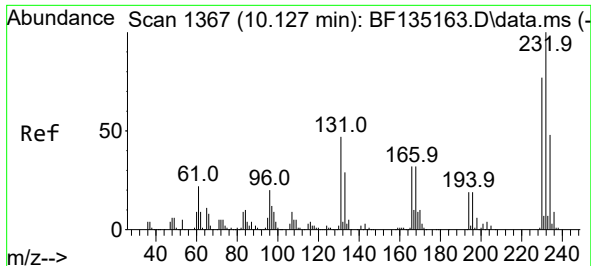
Tgt Ion:165 Resp: 218931
Ion Ratio Lower Upper
165 100
63 80.2 50.1 75.1#
89 86.3 59.3 88.9
182 2.5 2.3 3.5



#58
Fluorene
Concen: 59.633 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Tgt Ion:166 Resp: 800511
Ion Ratio Lower Upper
166 100
165 92.7 74.3 111.5
167 13.9 10.9 16.3

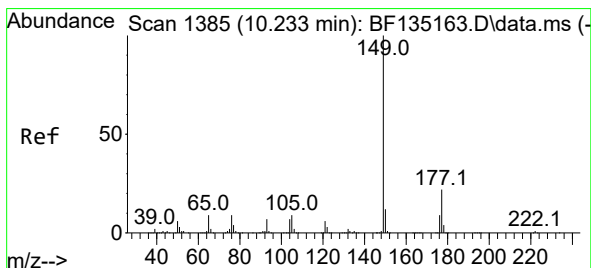
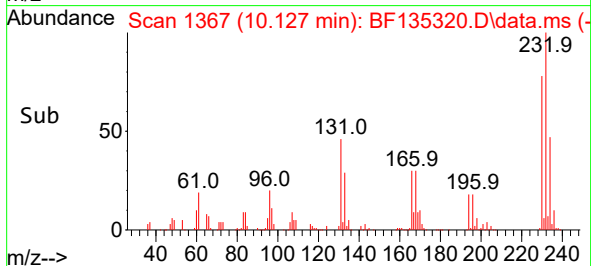
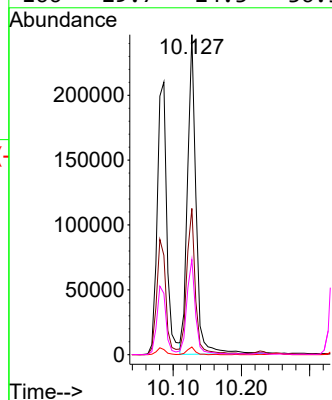
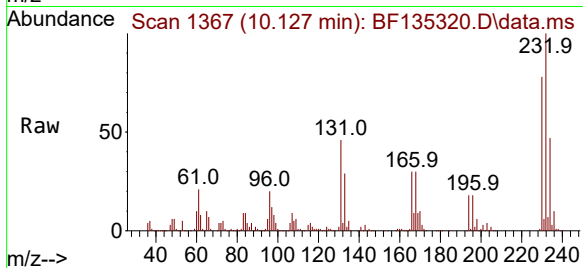




#59
2,3,4,6-Tetrachlorophenol
Concen: 60.955 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

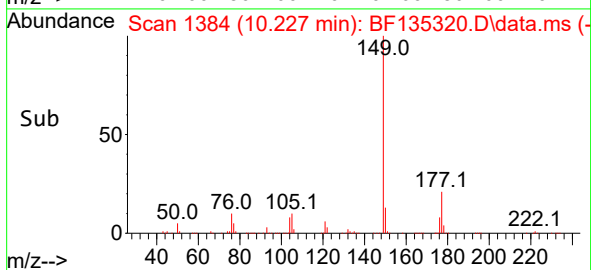
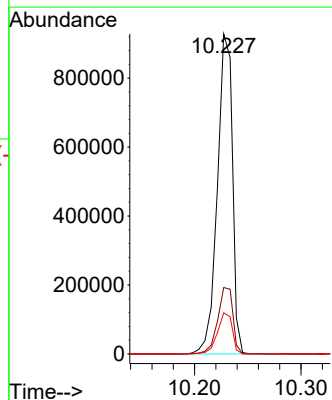
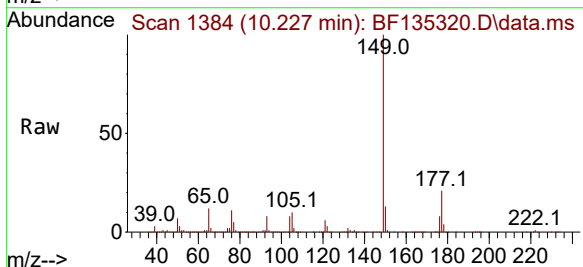
Instrument :
BNA_F
ClientSampleId :

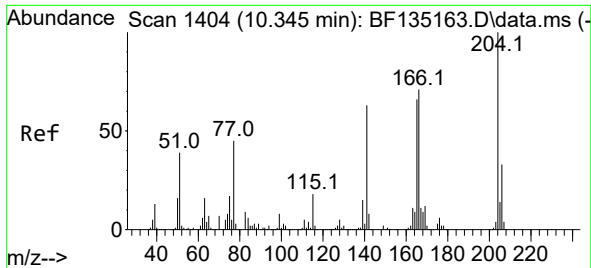
Tgt Ion:232 Resp: 214104
Ion Ratio Lower Upper
232 100
131 46.0 35.4 53.2
130 2.3 1.8 2.8
166 29.7 24.3 36.5



#60
Diethylphthalate
Concen: 64.120 ng
RT: 10.227 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Tgt Ion:149 Resp: 909446
Ion Ratio Lower Upper
149 100
177 20.7 17.8 26.6
150 12.8 10.0 15.0

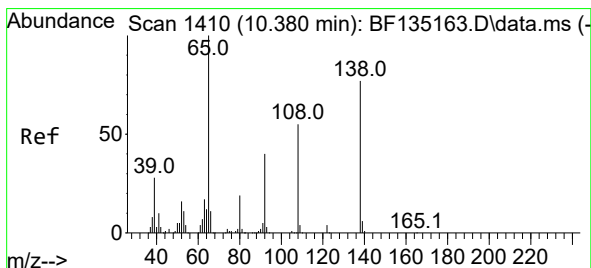
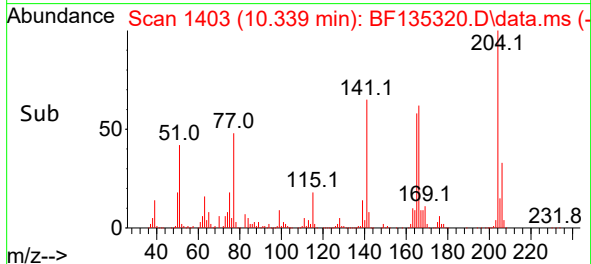
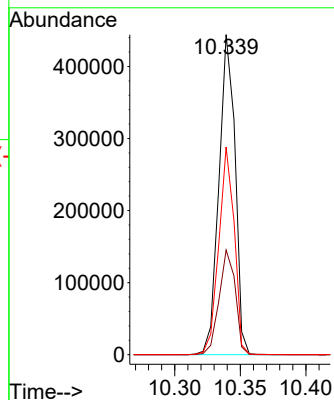
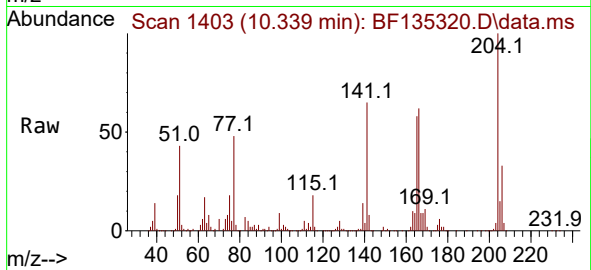




#61
4-Chlorophenyl-phenylether
Concen: 58.803 ng
RT: 10.339 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

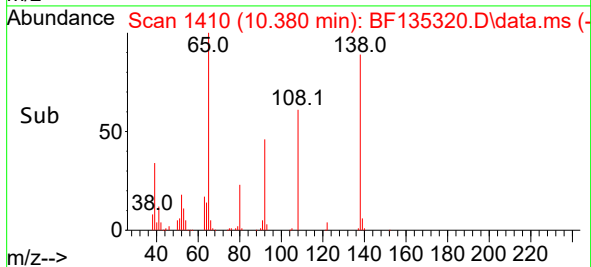
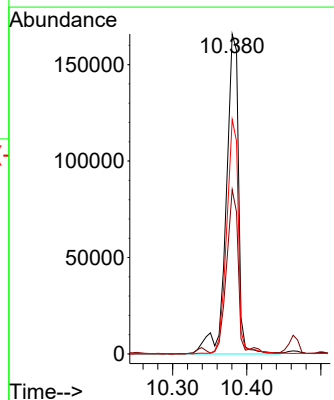
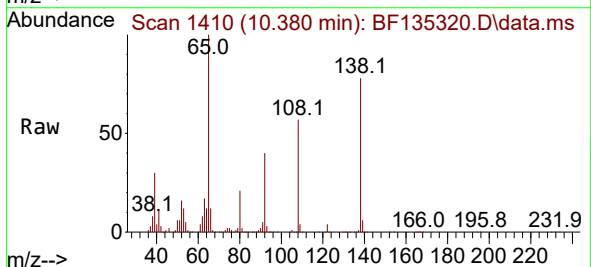
Instrument :
BNA_F
ClientSampleId :

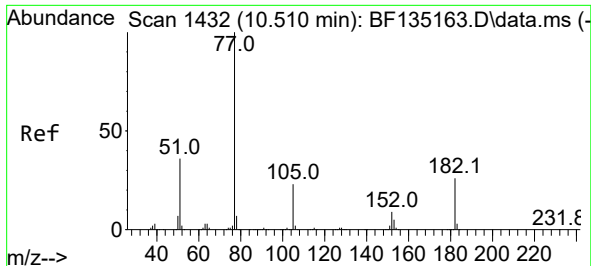
Tgt Ion:204 Resp: 379186
Ion Ratio Lower Upper
204 100
206 32.7 26.7 40.1
141 64.9 50.6 75.8



#62
4-Nitroaniline
Concen: 55.102 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

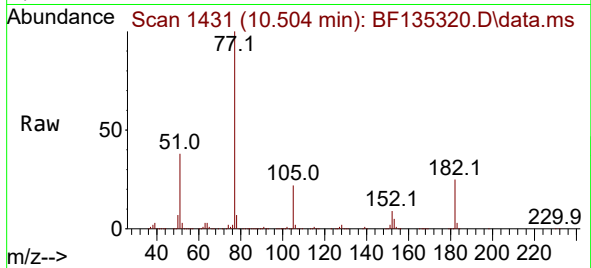
Tgt Ion:138 Resp: 192491
Ion Ratio Lower Upper
138 100
92 51.4 31.8 71.8
108 73.3 52.0 92.0



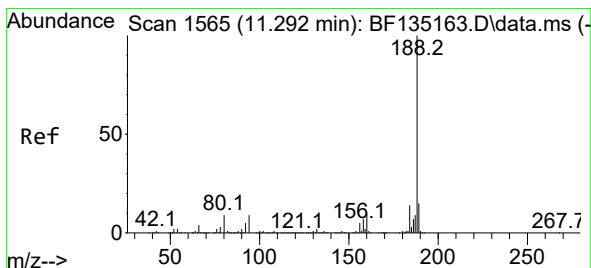
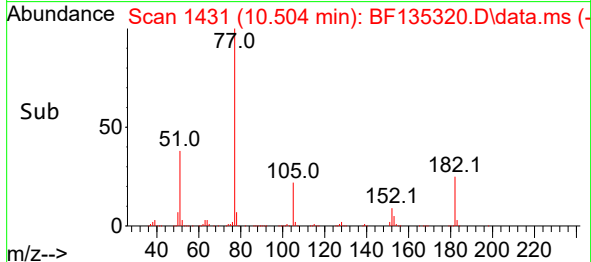
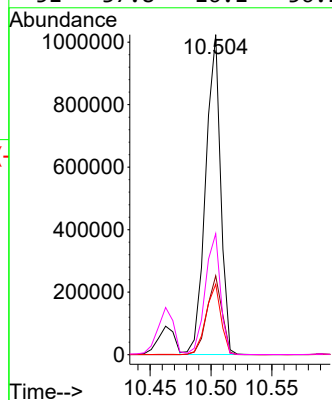


#63
Azobenzene
Concen: 63.049 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Instrument :
BNA_F
ClientSampleId :

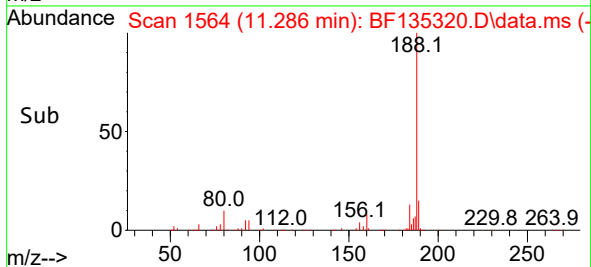
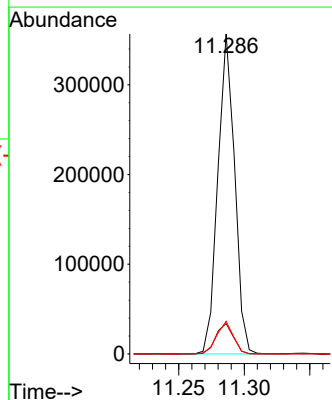
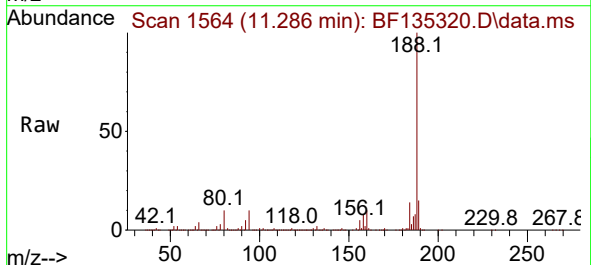


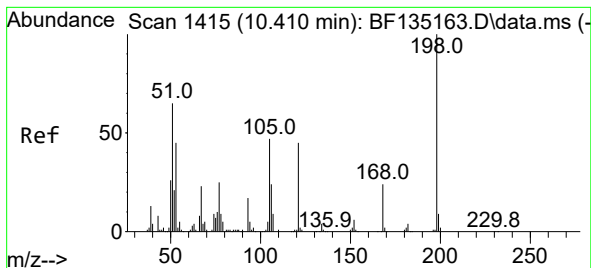
Tgt Ion: 77 Resp: 875206
Ion Ratio Lower Upper
77 100
182 24.7 6.4 46.4
105 22.0 3.1 43.1
51 37.8 16.1 56.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Tgt Ion: 188 Resp: 317649
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.2 7.5 11.3

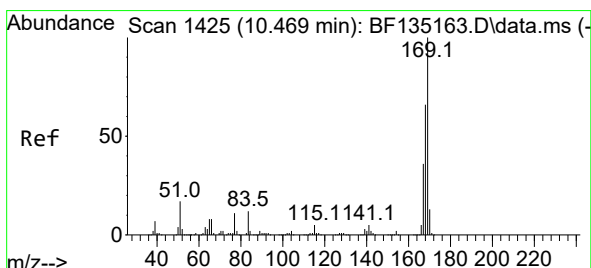
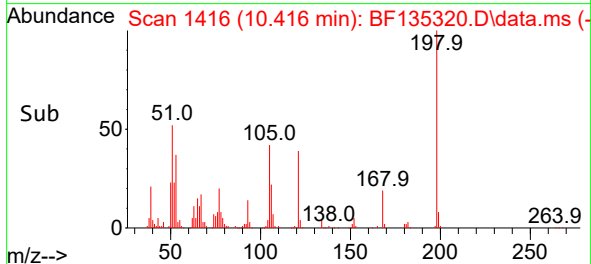
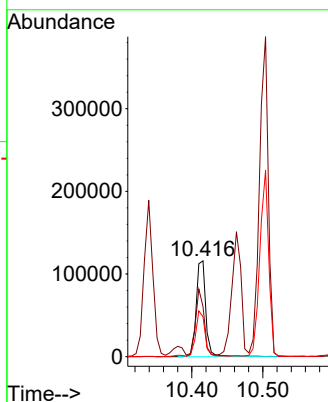
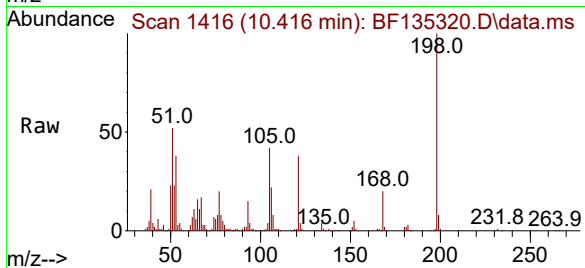




#65
4,6-Dinitro-2-methylphenol
Concen: 64.640 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

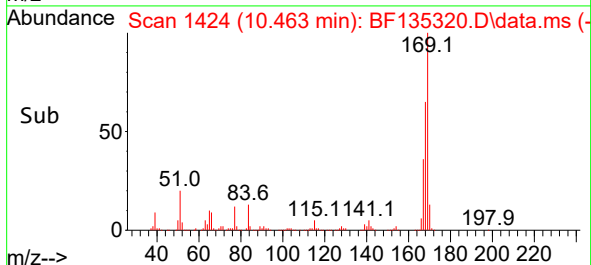
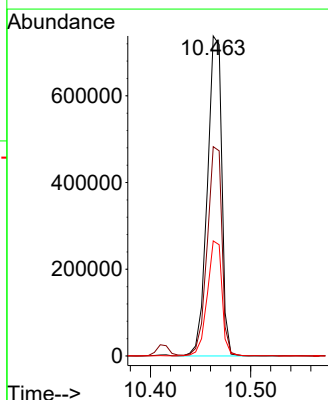
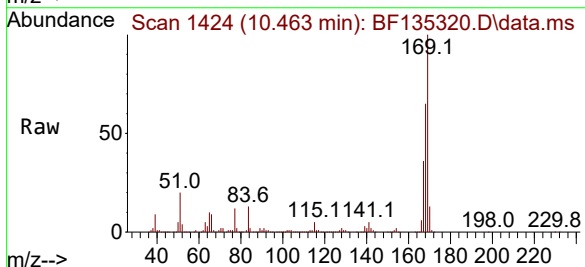
Instrument :
BNA_F
ClientSampleId :

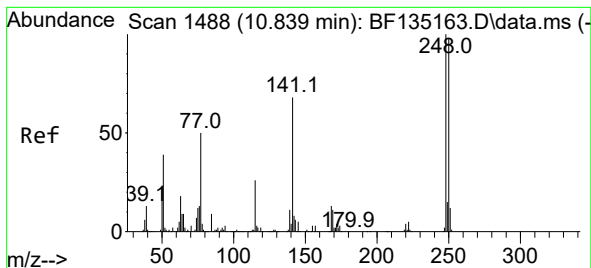
Tgt Ion:198 Resp: 109057
Ion Ratio Lower Upper
198 100
51 52.3 47.7 87.7
105 41.6 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 77.028 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Tgt Ion:169 Resp: 740761
Ion Ratio Lower Upper
169 100
168 65.4 52.8 79.2
167 36.0 29.0 43.6

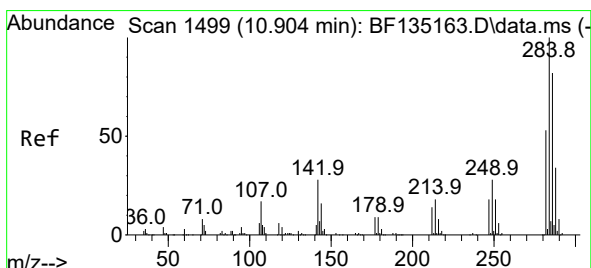
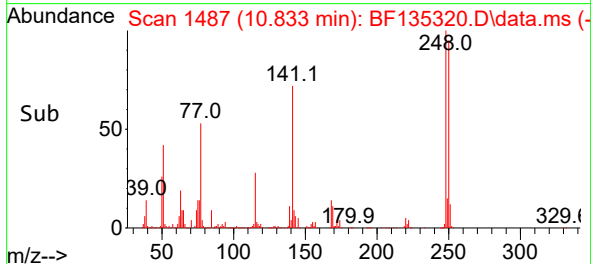
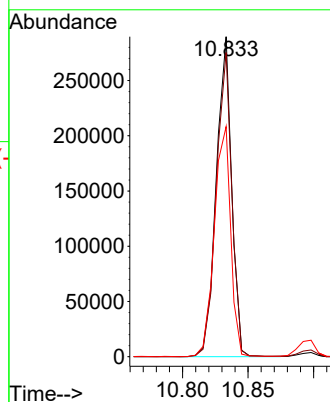
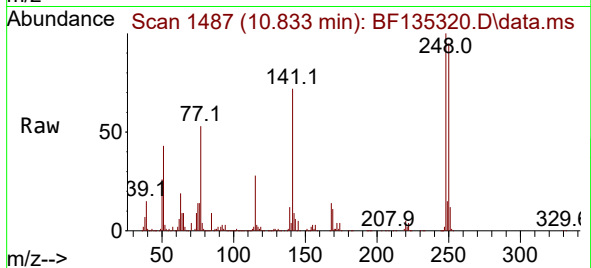




#67
4-Bromophenyl-phenylether
Concen: 74.939 ng
RT: 10.833 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

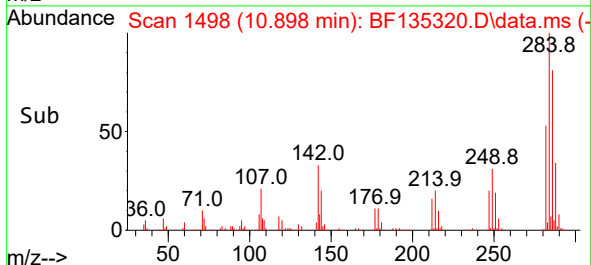
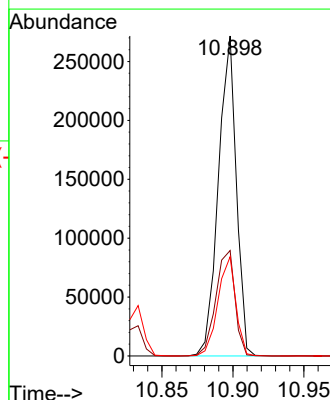
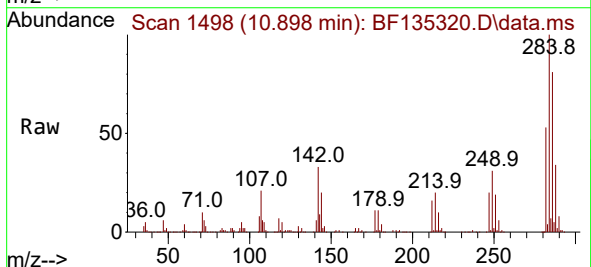
Instrument :
BNA_F
ClientSampleId :

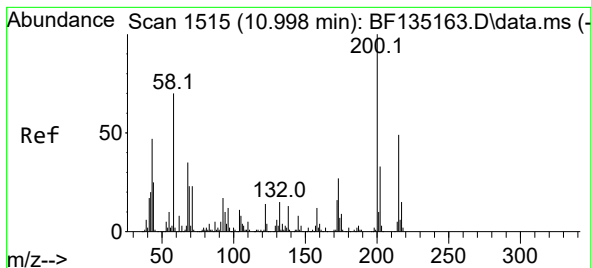
Tgt Ion:248 Resp: 236750
Ion Ratio Lower Upper
248 100
250 95.0 78.6 117.8
141 71.9 54.2 81.2



#68
Hexachlorobenzene
Concen: 73.919 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Tgt Ion:284 Resp: 237912
Ion Ratio Lower Upper
284 100
142 33.0 22.2 33.4
249 31.0 22.5 33.7





#69

Atrazine

Concen: 79.538 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :

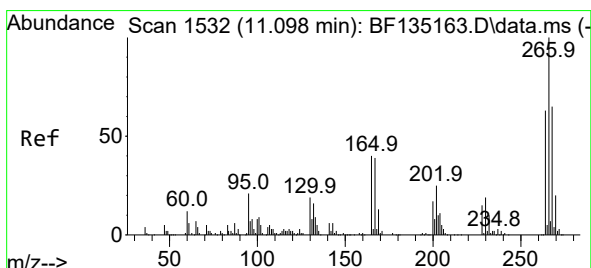
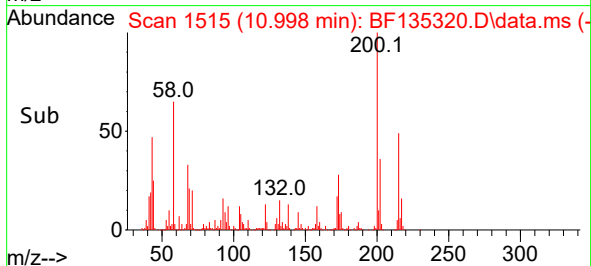
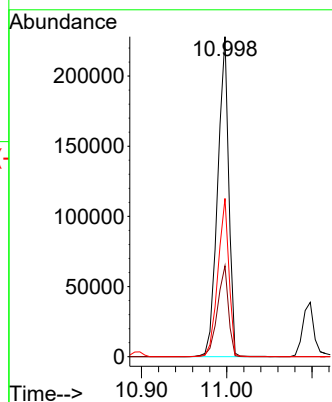
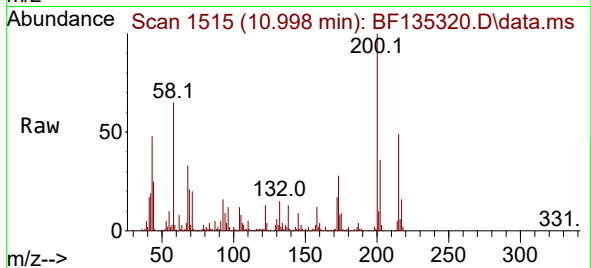
Tgt Ion:200 Resp: 205811

Ion Ratio Lower Upper

200 100

173 28.4 7.4 47.4

215 49.5 28.6 68.6



#70

Pentachlorophenol

Concen: 110.116 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

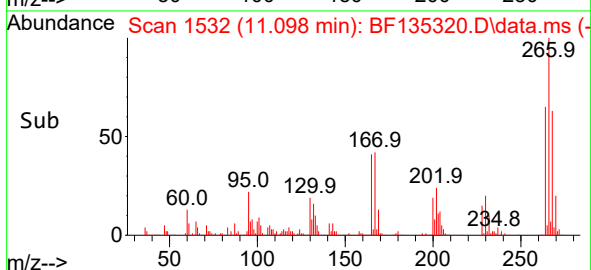
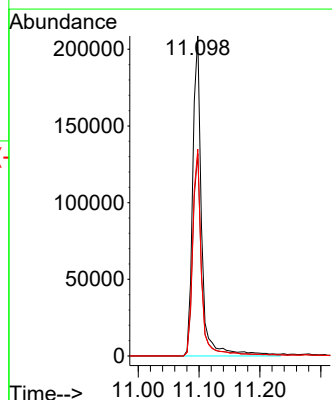
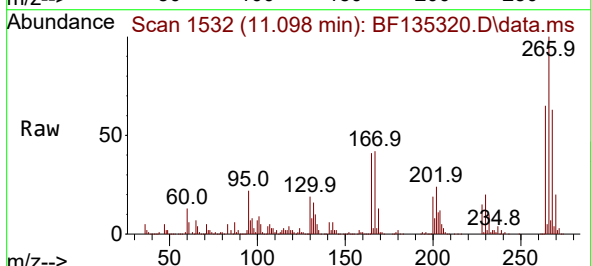
Tgt Ion:266 Resp: 212045

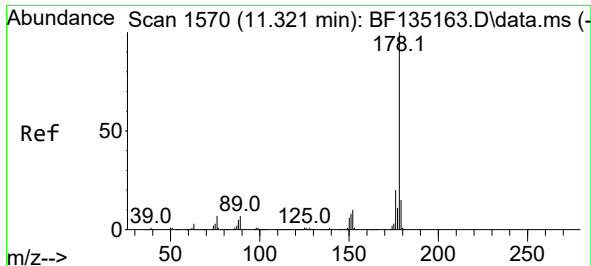
Ion Ratio Lower Upper

266 100

268 63.3 52.1 78.1

264 64.6 50.8 76.2

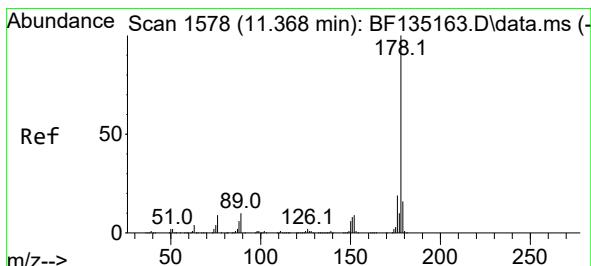
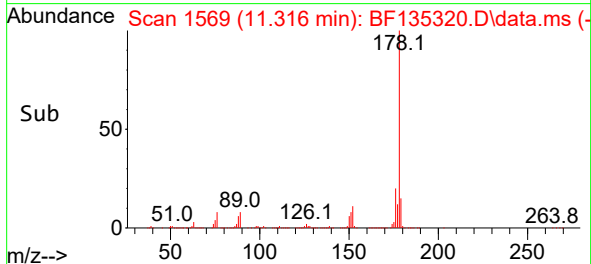
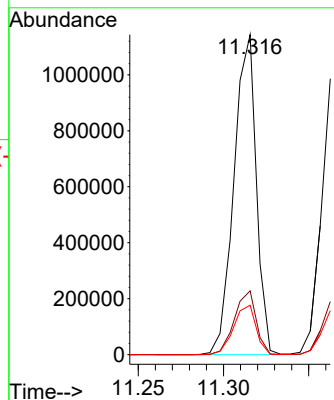
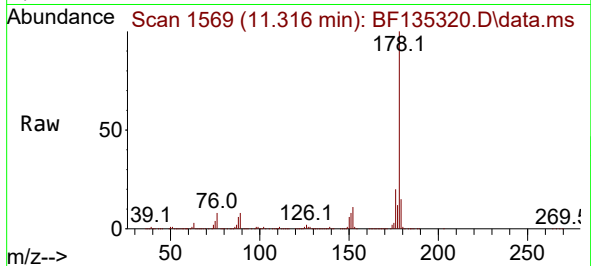




#71
Phenanthrene
Concen: 69.555 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

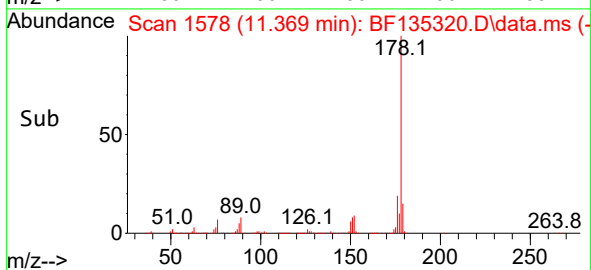
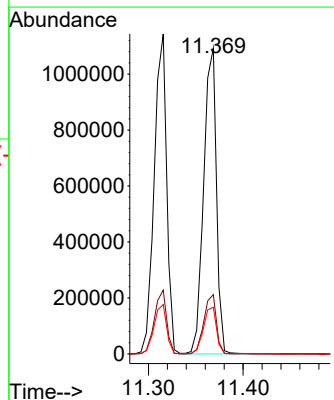
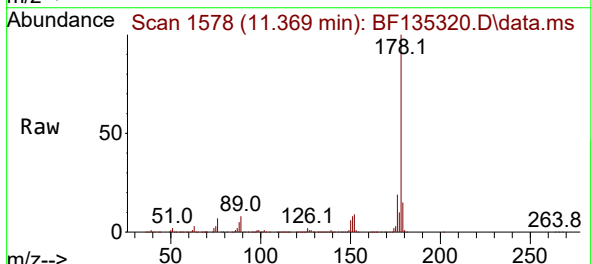
Instrument :
BNA_F
ClientSampleId :

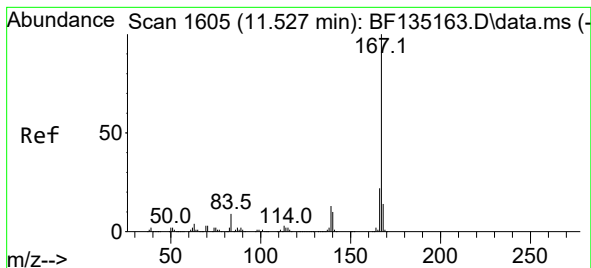
Tgt Ion:178 Resp: 1044958
Ion Ratio Lower Upper
178 100
176 20.0 15.6 23.4
179 15.5 12.0 18.0



#72
Anthracene
Concen: 66.142 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Tgt Ion:178 Resp: 1021389
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.3 12.6 19.0





#73

Carbazole

Concen: 63.205 ng

RT: 11.527 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :

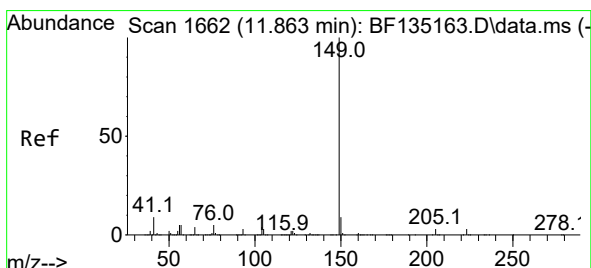
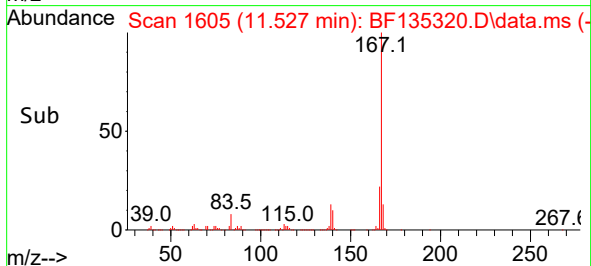
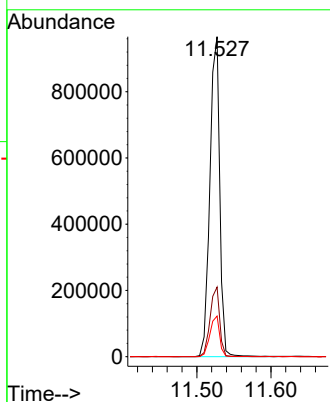
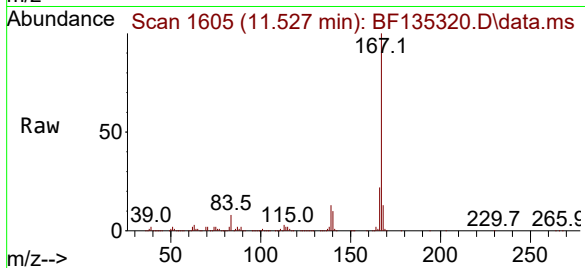
Tgt Ion:167 Resp: 888510

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

139 12.7 10.6 15.8



#74

Di-n-butylphthalate

Concen: 68.491 ng

RT: 11.857 min Scan# 1661

Delta R.T. -0.006 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

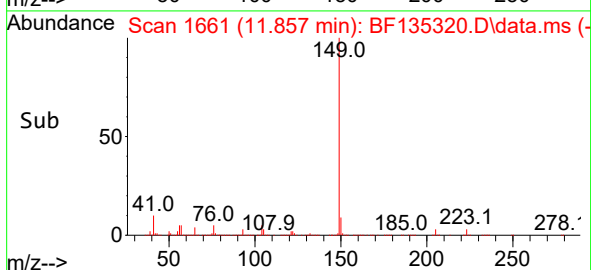
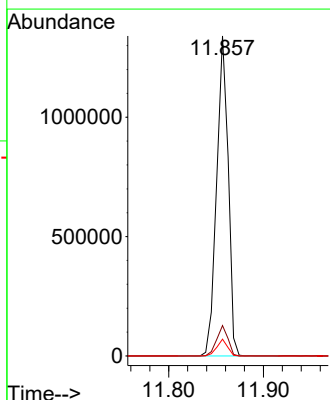
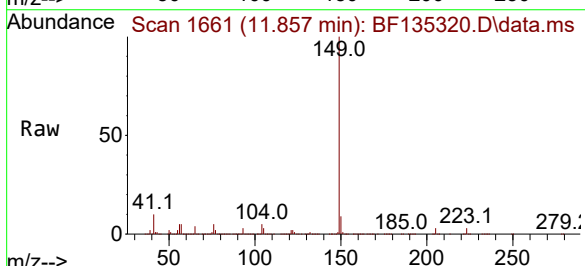
Tgt Ion:149 Resp: 1134538

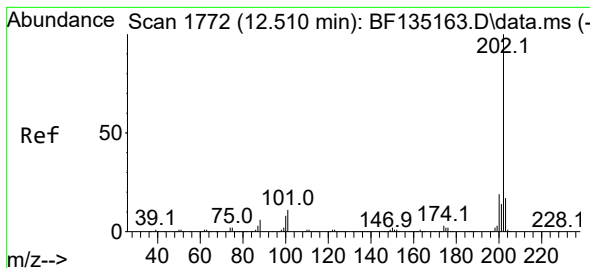
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.0

104 5.3 3.6 5.4





#75

Fluoranthene

Concen: 60.664 ng

RT: 12.510 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :

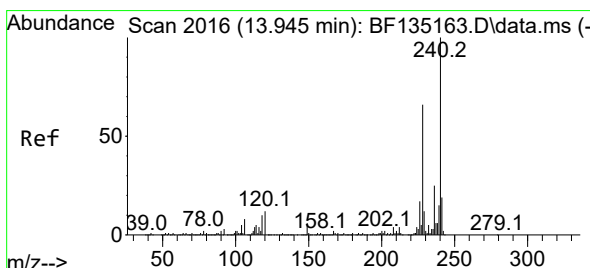
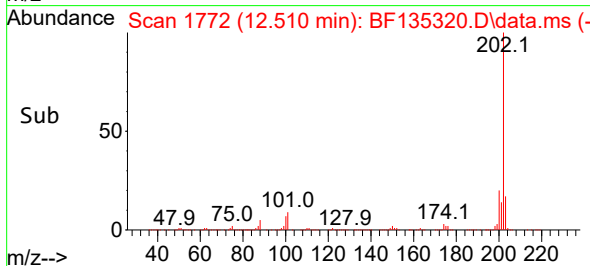
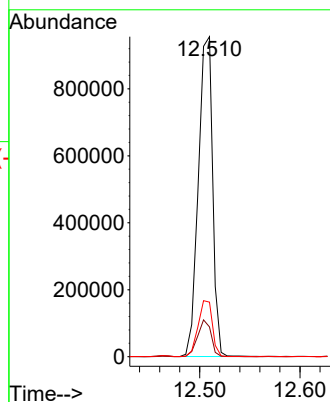
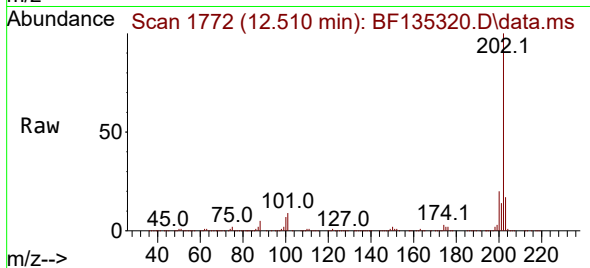
Tgt Ion:202 Resp: 949654

Ion Ratio Lower Upper

202 100

101 9.3 0.0 31.3

203 17.1 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

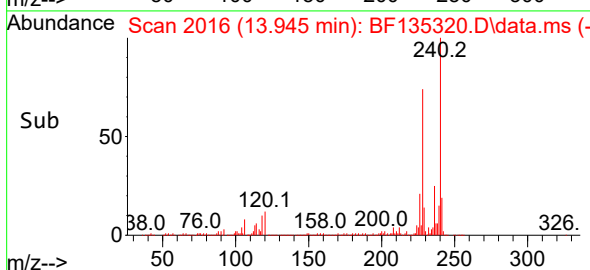
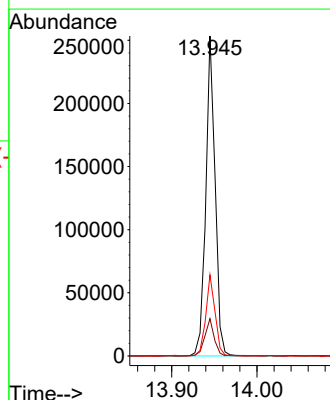
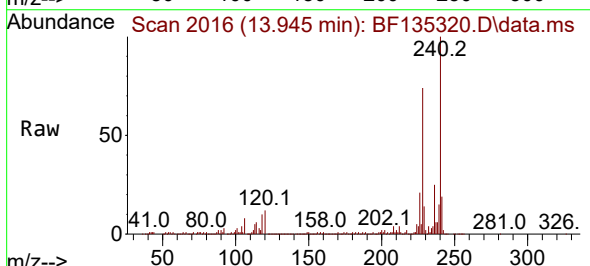
Tgt Ion:240 Resp: 192907

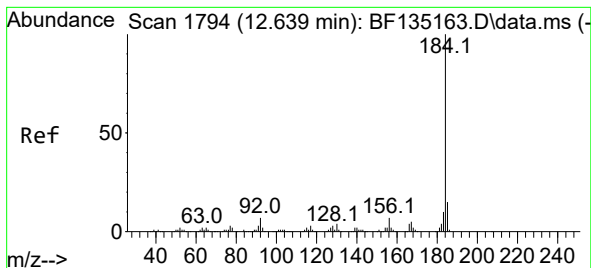
Ion Ratio Lower Upper

240 100

120 11.7 9.4 14.2

236 25.4 19.8 29.8





#77

Benzidine

Concen: 117.948 ng

RT: 12.633 min Scan# 1793

Delta R.T. -0.006 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :

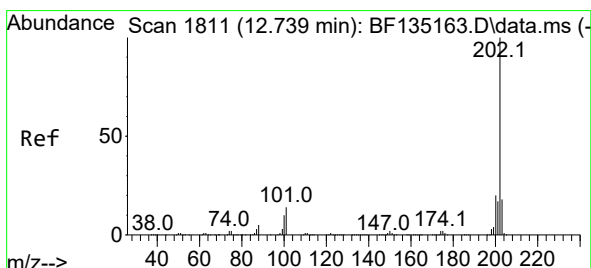
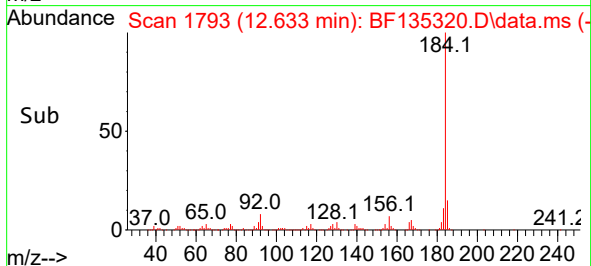
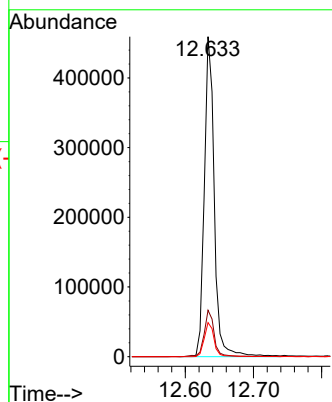
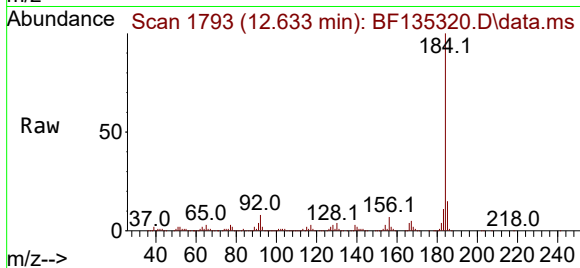
Tgt Ion:184 Resp: 466135

Ion Ratio Lower Upper

184 100

185 14.5 11.7 17.5

183 10.6 8.2 12.4



#78

Pyrene

Concen: 51.948 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

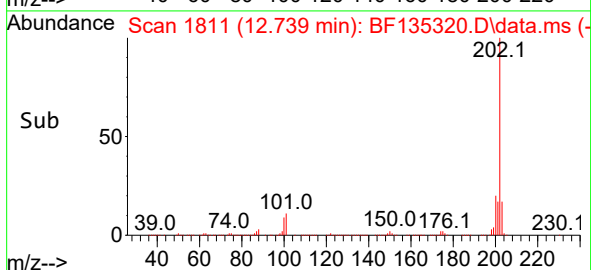
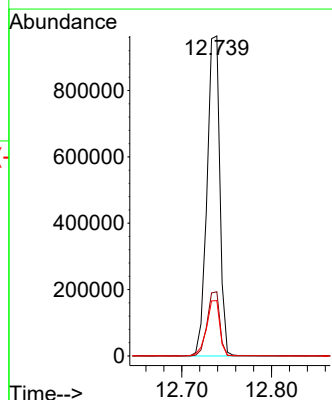
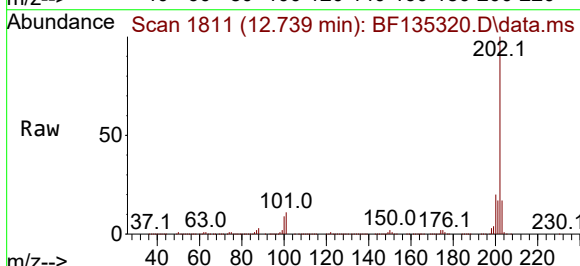
Tgt Ion:202 Resp: 954084

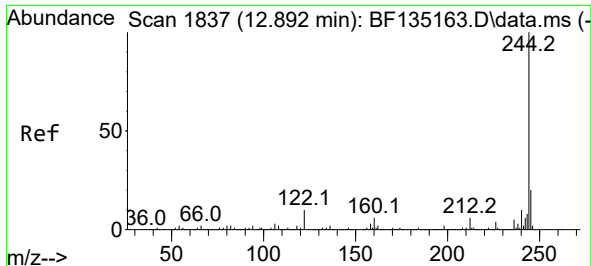
Ion Ratio Lower Upper

202 100

200 20.1 16.2 24.2

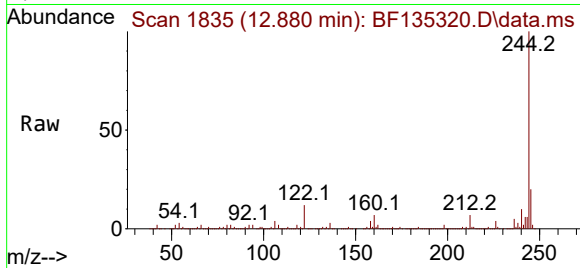
203 17.3 14.2 21.4



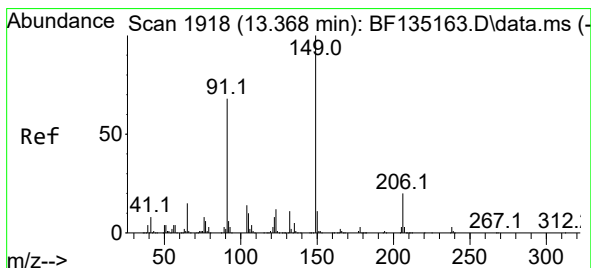
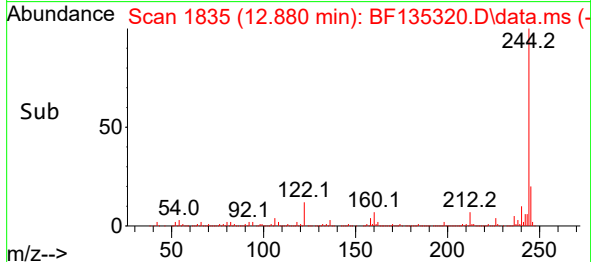
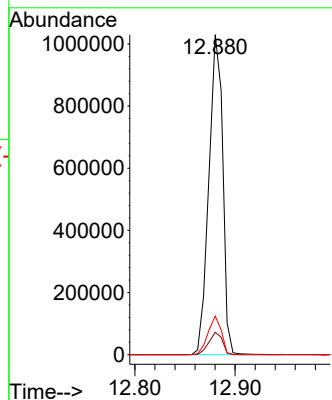


#79
 Terphenyl-d14
 Concen: 79.752 ng
 RT: 12.880 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF135320.D
 Acq: 18 Sep 2023 22:22

Instrument :
 BNA_F
 ClientSampleId :

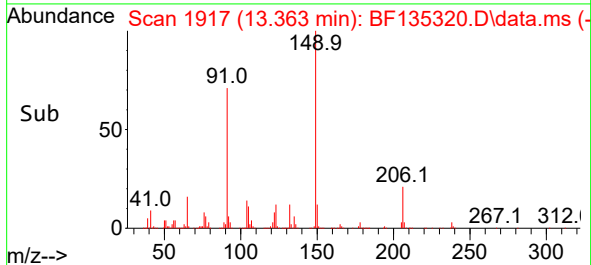
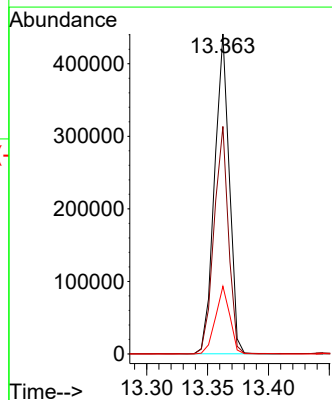
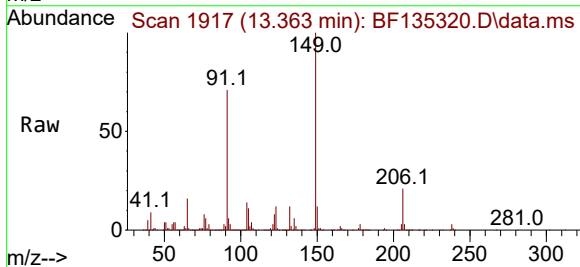


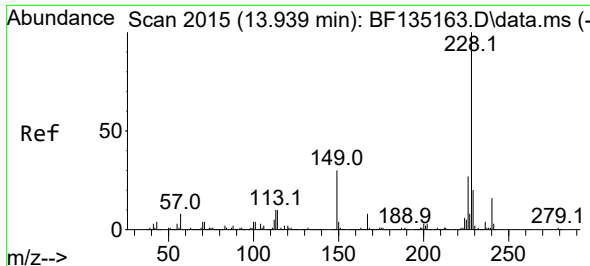
Tgt Ion:244 Resp: 992435
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.1 7.7
 122 12.0 7.9 11.9#



#80
 Butylbenzylphthalate
 Concen: 57.406 ng
 RT: 13.363 min Scan# 1917
 Delta R.T. -0.006 min
 Lab File: BF135320.D
 Acq: 18 Sep 2023 22:22

Tgt Ion:149 Resp: 371215
 Ion Ratio Lower Upper
 149 100
 91 71.1 54.7 82.1
 206 21.2 16.3 24.5

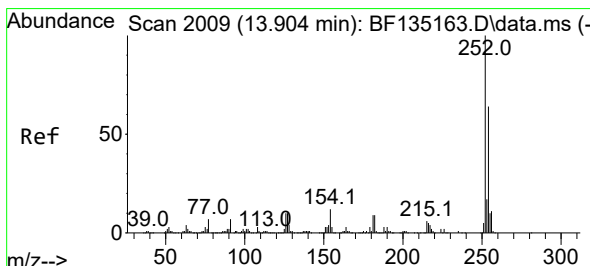
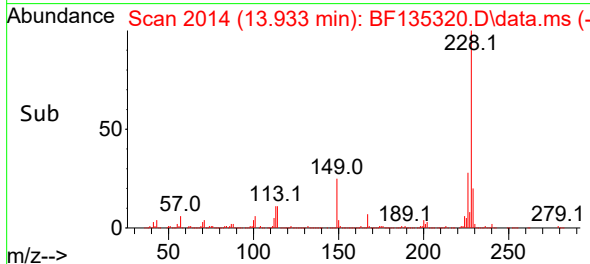
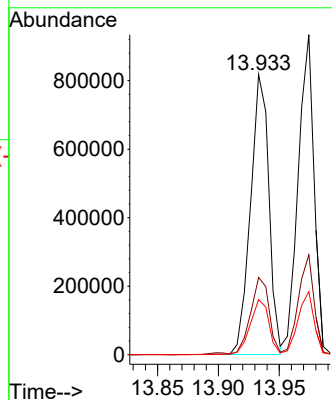
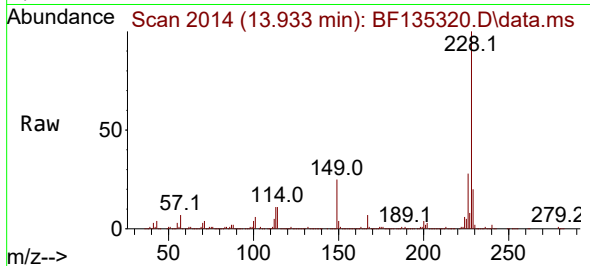




#81
Benzo(a)anthracene
Concen: 69.011 ng
RT: 13.933 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

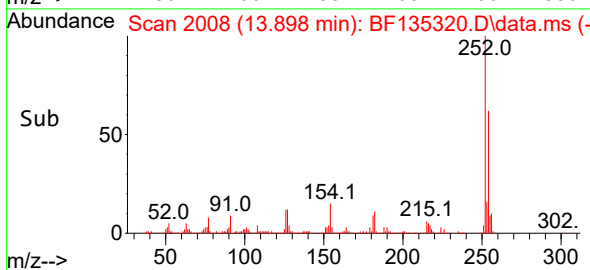
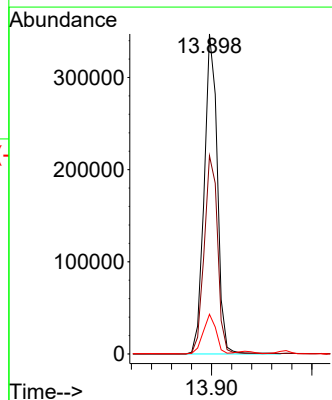
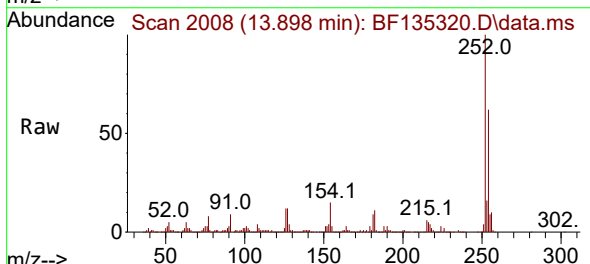
Instrument :
BNA_F
ClientSampleId :

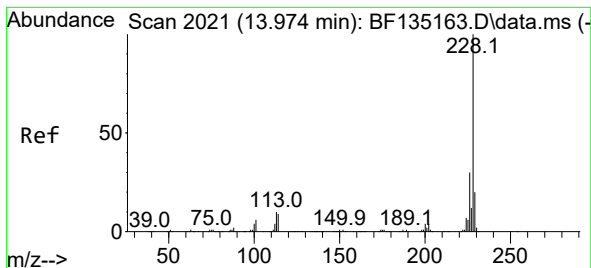
Tgt Ion:228 Resp: 859631
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 19.6 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 81.482 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Tgt Ion:252 Resp: 317033
Ion Ratio Lower Upper
252 100
254 62.0 51.0 76.4
126 12.4 7.8 11.8#





#83

Chrysene

Concen: 68.663 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :

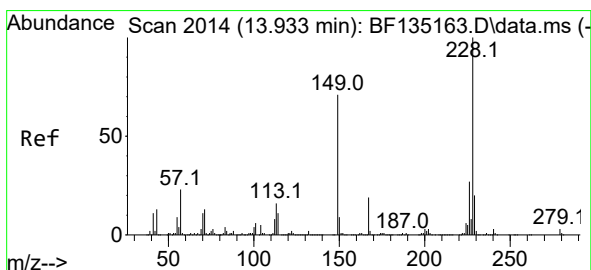
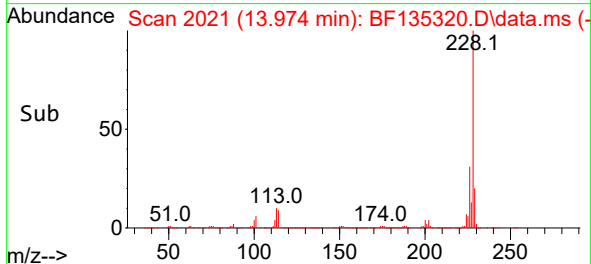
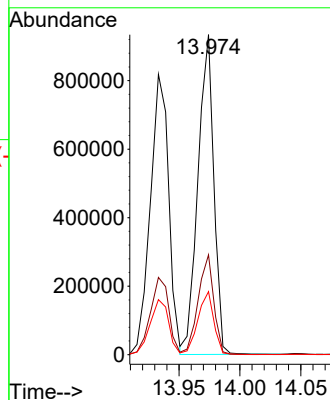
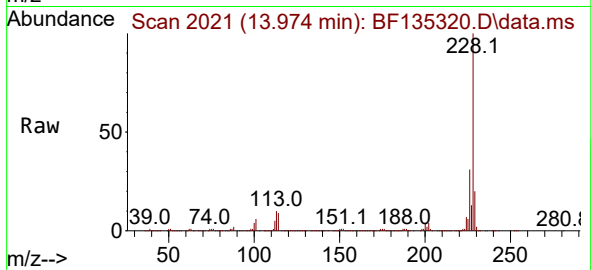
Tgt Ion:228 Resp: 850363

Ion Ratio Lower Upper

228 100

226 31.2 24.3 36.5

229 19.7 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 67.256 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

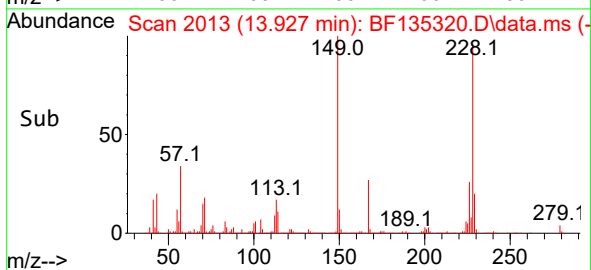
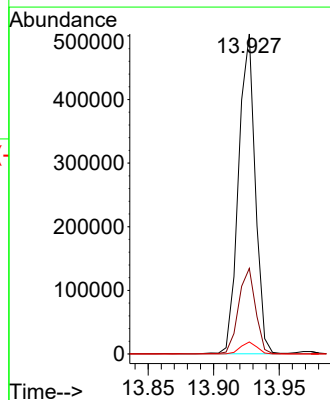
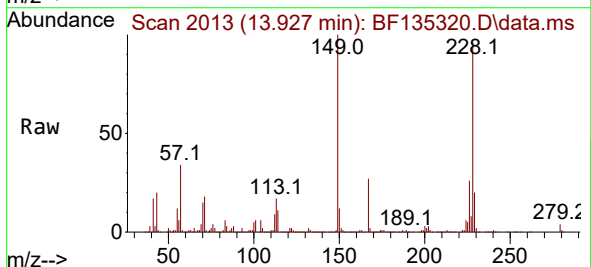
Tgt Ion:149 Resp: 446293

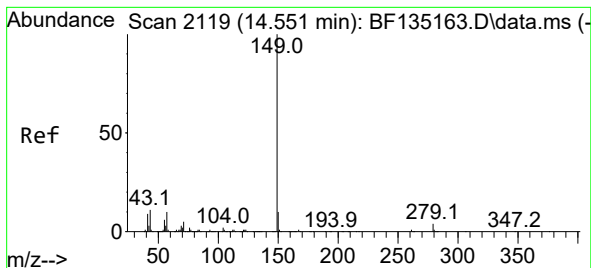
Ion Ratio Lower Upper

149 100

167 26.7 21.9 32.9

279 3.7 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 92.486 ng

RT: 14.545 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :

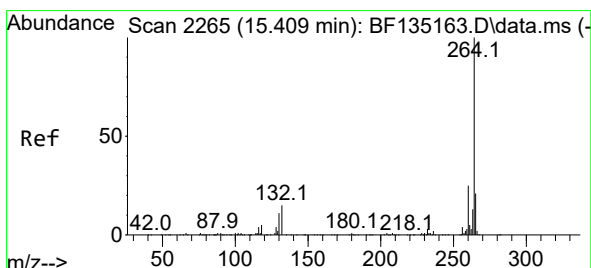
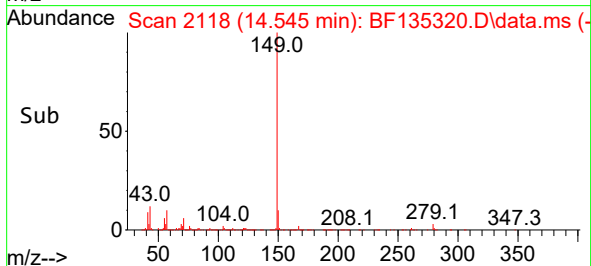
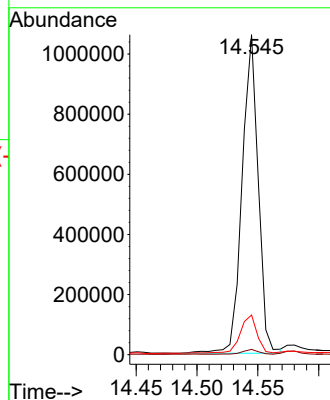
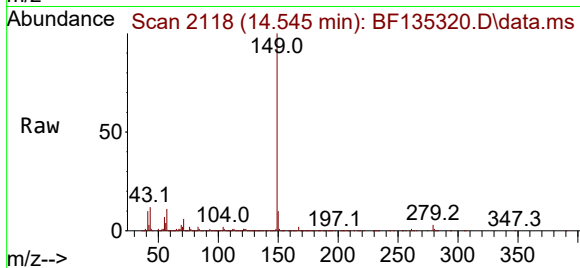
Tgt Ion:149 Resp: 975302

Ion Ratio Lower Upper

149 100

167 1.9 1.1 1.7#

43 13.2 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.409 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

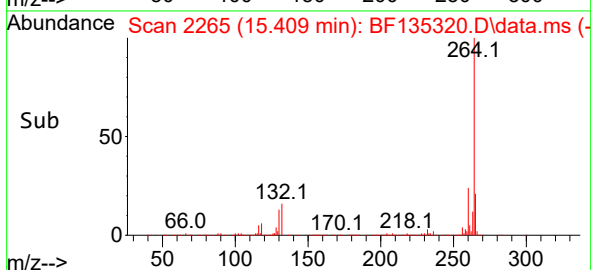
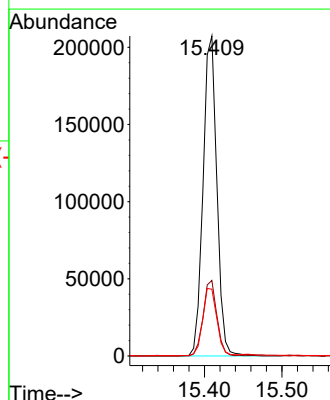
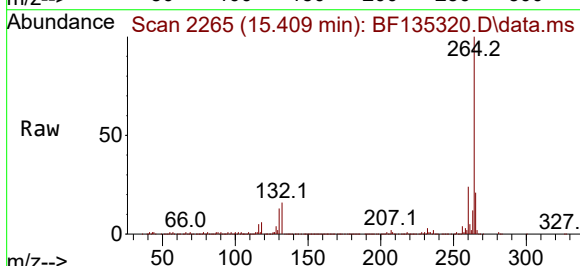
Tgt Ion:264 Resp: 256461

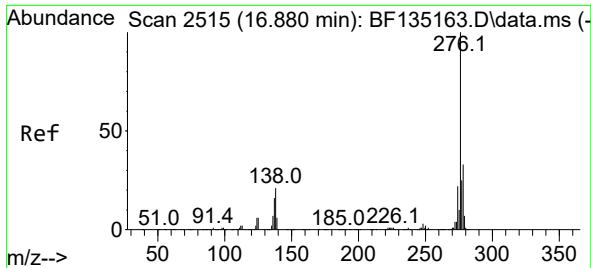
Ion Ratio Lower Upper

264 100

260 23.6 19.8 29.6

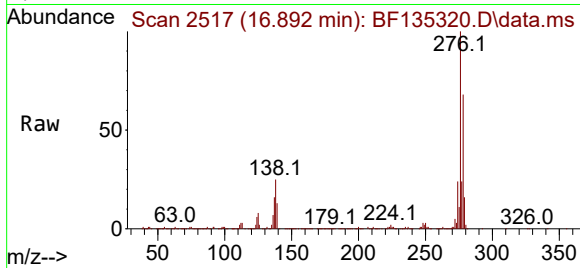
265 20.8 17.0 25.4



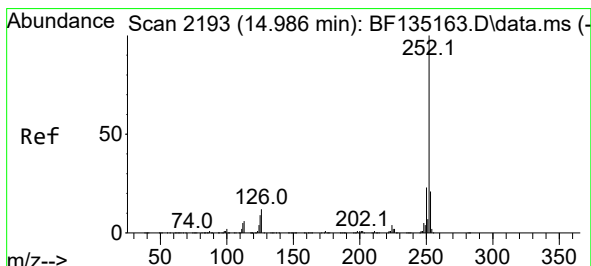
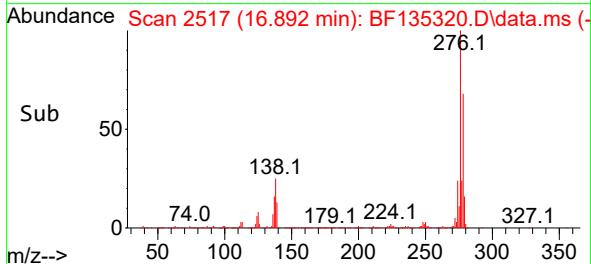
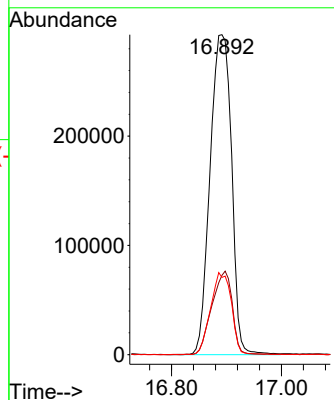


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.297 ng
 RT: 16.892 min Scan# 2117
 Delta R.T. 0.012 min
 Lab File: BF135320.D
 Acq: 18 Sep 2023 22:22

Instrument :
 BNA_F
 ClientSampleId :

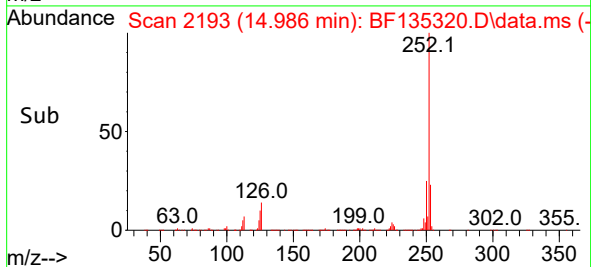
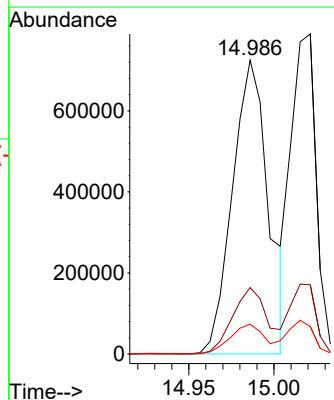
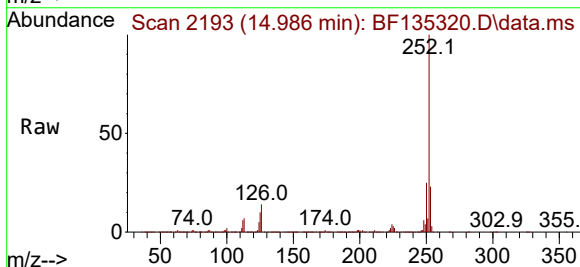


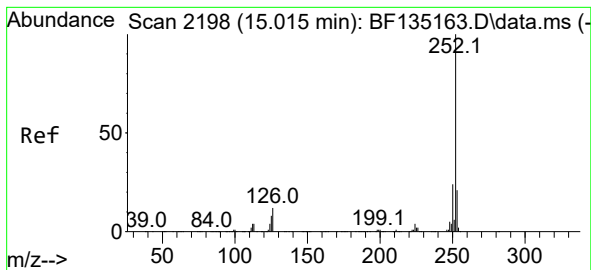
Tgt Ion:276 Resp: 795307
 Ion Ratio Lower Upper
 276 100
 138 25.0 19.2 28.8
 277 24.9 19.7 29.5



#88
 Benzo(b)fluoranthene
 Concen: 76.523 ng
 RT: 14.986 min Scan# 2193
 Delta R.T. 0.000 min
 Lab File: BF135320.D
 Acq: 18 Sep 2023 22:22

Tgt Ion:252 Resp: 1062378
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.2 25.8
 125 10.1 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 59.263 ng

RT: 15.021 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :

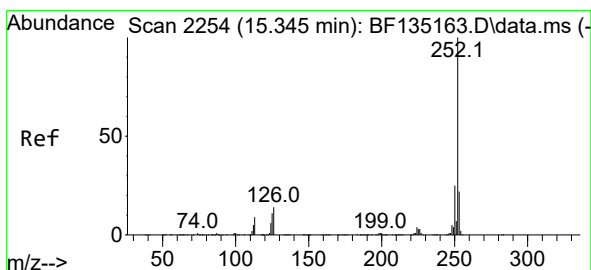
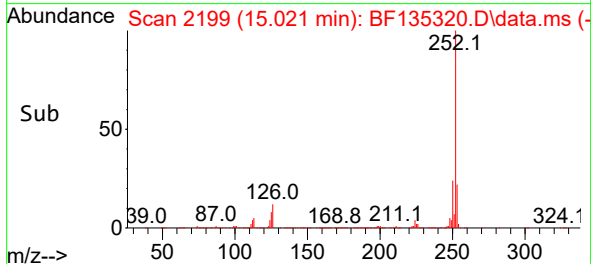
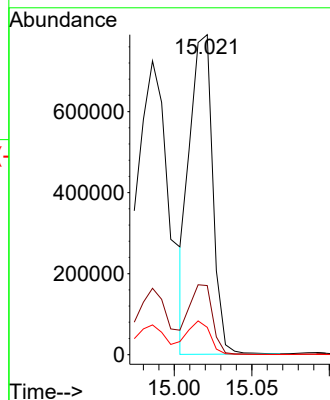
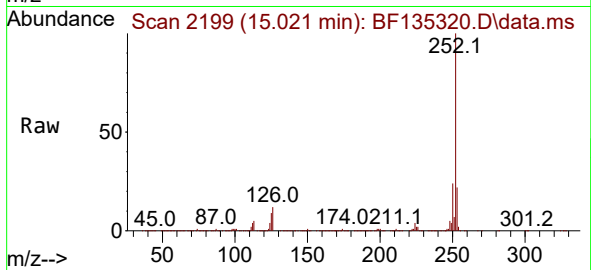
Tgt Ion:252 Resp: 812741

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 8.5 7.2 10.8



#90

Benzo(a)pyrene

Concen: 65.378 ng

RT: 15.351 min Scan# 2255

Delta R.T. 0.006 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

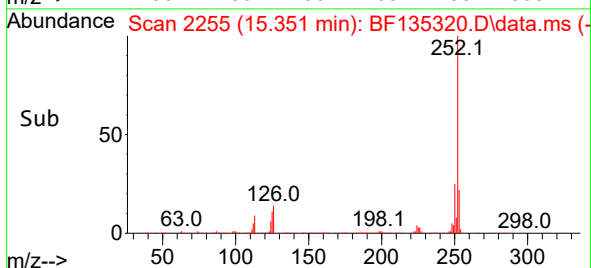
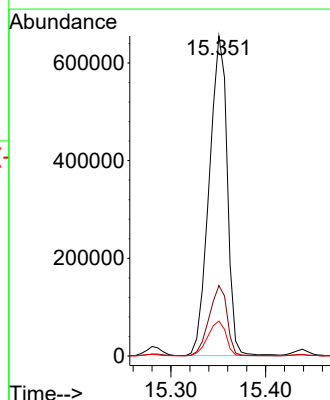
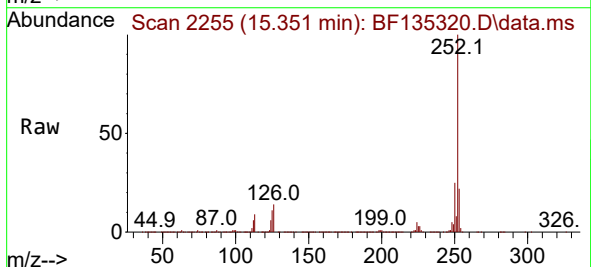
Tgt Ion:252 Resp: 865574

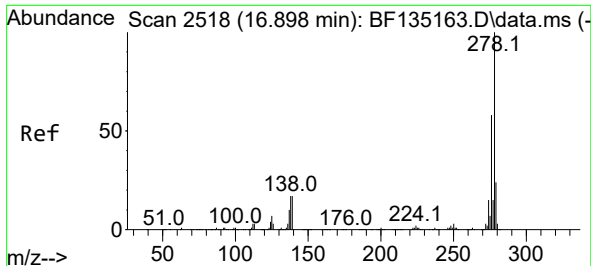
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

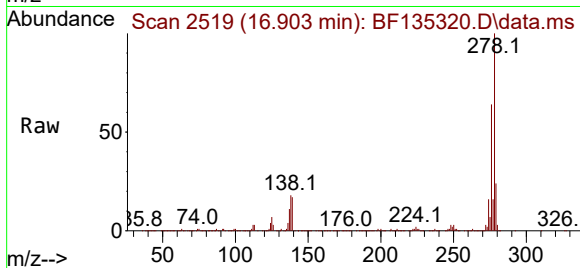
125 10.9 9.2 13.8



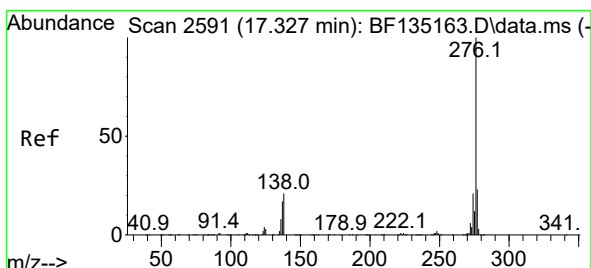
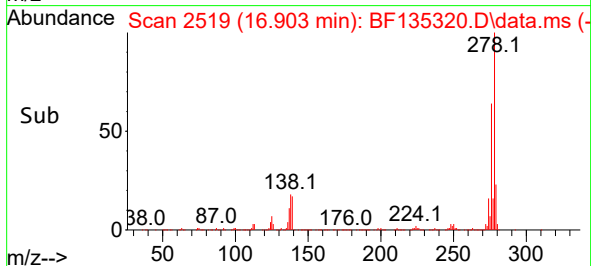
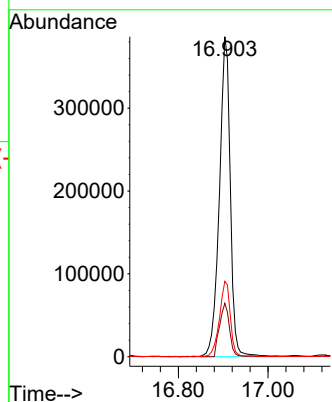


#91
Dibenzo(a,h)anthracene
Concen: 47.463 ng
RT: 16.903 min Scan# 2519
Delta R.T. 0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:278 Resp: 653019
Ion Ratio Lower Upper
278 100
139 16.7 13.4 20.0
279 23.5 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 41.146 ng
RT: 17.339 min Scan# 2593
Delta R.T. 0.012 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Tgt Ion:276 Resp: 591228
Ion Ratio Lower Upper
276 100
277 24.1 18.8 28.2
138 21.9 16.9 25.3

