

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
 Data File : BF135332.D
 Acq On : 19 Sep 2023 13:41
 Operator : CG\JU
 Sample : PB155592BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155592BSD

Quant Time: Sep 20 01:32:44 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	108161	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	429991	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	216789	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	419785	20.000	ng	0.00
76) Chrysene-d12	13.951	240	198651	20.000	ng	0.00
86) Perylene-d12	15.409	264	206433	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1004584	151.062	ng	0.02
7) Phenol-d6	6.410	99	1257619	148.724	ng	0.00
23) Nitrobenzene-d5	7.328	82	812614	102.674	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	320139	148.601	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1426637	99.285	ng	0.00
79) Terphenyl-d14	12.886	244	1404352	109.590	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	138068	47.360	ng	98
3) Pyridine	3.322	79	361007	46.011	ng	96
4) n-Nitrosodimethylamine	3.287	42	246612	59.230	ng	96
6) Aniline	6.428	93	397277	35.827	ng	# 70
8) 2-Chlorophenol	6.545	128	418254	58.917	ng	97
9) Benzaldehyde	6.316	77	138179	28.684	ng	97
10) Phenol	6.422	94	465878	50.244	ng	83
11) bis(2-Chloroethyl)ether	6.504	93	388018	55.787	ng	99
12) 1,3-Dichlorobenzene	6.698	146	407540	56.487	ng	99
13) 1,4-Dichlorobenzene	6.775	146	409234	55.752	ng	99
14) 1,2-Dichlorobenzene	6.928	146	387583	56.859	ng	99
15) Benzyl Alcohol	6.910	79	344019	56.694	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.034	45	755152	57.601	ng	91
17) 2-Methylphenol	7.022	107	327898	52.341	ng	95
18) Hexachloroethane	7.263	117	156932	57.862	ng	92
19) n-Nitroso-di-n-propyla...	7.181	70	267128	51.001	ng	94
20) 3+4-Methylphenols	7.175	107	376124	49.930	ng	95
22) Acetophenone	7.169	105	522734	53.174	ng	# 99
24) Nitrobenzene	7.345	77	429684	54.928	ng	100
25) Isophorone	7.586	82	798562	54.948	ng	99
26) 2-Nitrophenol	7.657	139	221390	58.967	ng	97
27) 2,4-Dimethylphenol	7.704	122	339886	53.858	ng	99
28) bis(2-Chloroethoxy)met...	7.792	93	493837	56.772	ng	99
29) 2,4-Dichlorophenol	7.904	162	336170	57.488	ng	97
30) 1,2,4-Trichlorobenzene	7.981	180	343947	56.272	ng	98
31) Naphthalene	8.063	128	1141946	54.660	ng	99
32) Benzoic acid	7.851	122	279670	58.852	ng	97
33) 4-Chloroaniline	8.116	127	298754	32.593	ng	98
34) Hexachlorobutadiene	8.175	225	200774	54.476	ng	100
35) Caprolactam	8.498	113	69170	35.244	ng	90
36) 4-Chloro-3-methylphenol	8.610	107	370384	56.989	ng	97
37) 2-Methylnaphthalene	8.751	142	719269	51.217	ng	99
38) 1-Methylnaphthalene	8.851	142	690747	52.536	ng	100
40) 1,2,4,5-Tetrachloroben...	8.922	216	343886	54.754	ng	99
41) Hexachlorocyclopentadiene	8.904	237	248752	88.974	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	232155	56.456	ng	98

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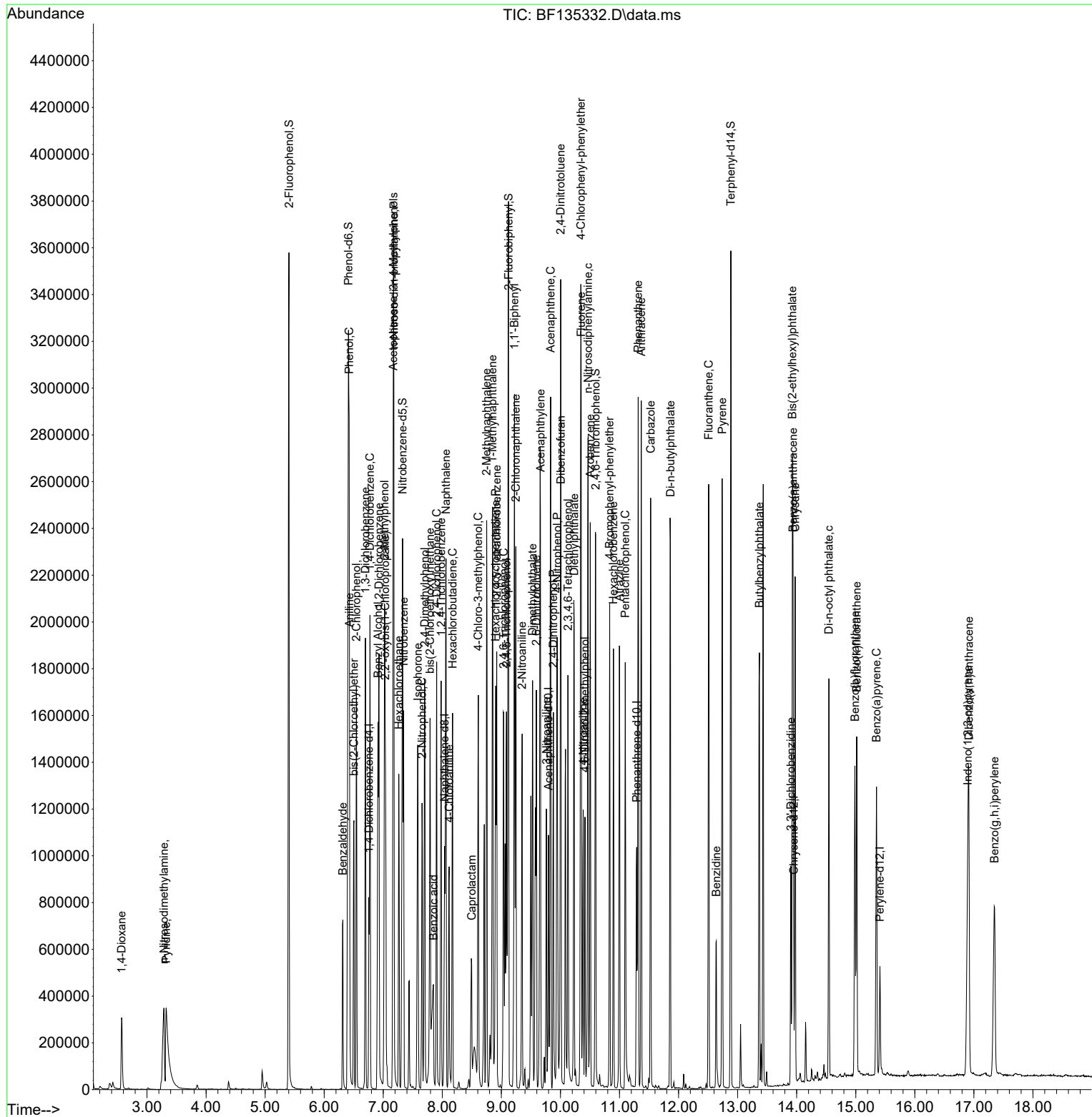
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	253477	53.526	ng	98
46) 1,1'-Biphenyl	9.222	154	913156	54.812	ng	99
47) 2-Chloronaphthalene	9.245	162	685911	56.744	ng	97
48) 2-Nitroaniline	9.351	65	272839	58.100	ng	100
49) Acenaphthylene	9.663	152	1111339	55.321	ng	99
50) Dimethylphthalate	9.527	163	823699	56.198	ng	100
51) 2,6-Dinitrotoluene	9.592	165	189992	59.171	ng	96
52) Acenaphthene	9.833	154	648237	54.623	ng	98
53) 3-Nitroaniline	9.763	138	159059	42.201	ng	96
54) 2,4-Dinitrophenol	9.880	184	198968	106.878	ng	98
55) Dibenzofuran	10.010	168	938176	51.806	ng	100
56) 4-Nitrophenol	9.945	139	263684	110.078	ng	95
57) 2,4-Dinitrotoluene	10.004	165	217341	54.068	ng	# 85
58) Fluorene	10.351	166	750915	53.938	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.127	232	207623	56.995	ng	99
60) Diethylphthalate	10.233	149	825034	56.088	ng	100
61) 4-Chlorophenyl-phenyle...	10.345	204	355368	53.138	ng	94
62) 4-Nitroaniline	10.386	138	205936	56.842	ng	97
63) Azobenzene	10.504	77	806808	56.043	ng	96
65) 4,6-Dinitro-2-methylph...	10.416	198	131518	58.987	ng	96
66) n-Nitrosodiphenylamine	10.469	169	703358	55.344	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	228294	54.680	ng	94
68) Hexachlorobenzene	10.898	284	239957	56.415	ng	# 87
69) Atrazine	10.998	200	224462	65.640	ng	99
70) Pentachlorophenol	11.098	266	219994	86.447	ng	98
71) Phenanthrene	11.316	178	1112566	56.037	ng	99
72) Anthracene	11.369	178	1128671	55.306	ng	99
73) Carbazole	11.527	167	1064405	57.295	ng	100
74) Di-n-butylphthalate	11.863	149	1276138	58.295	ng	100
75) Fluoranthene	12.510	202	1147583	55.472	ng	99
77) Benzidine	12.639	184	281802	69.243	ng	99
78) Pyrene	12.739	202	1155429	61.092	ng	100
80) Butylbenzylphthalate	13.368	149	442113	66.393	ng	99
81) Benzo(a)anthracene	13.939	228	728620	56.802	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	204066	50.931	ng	99
83) Chrysene	13.974	228	725283	56.870	ng	100
84) Bis(2-ethylhexyl)phtha...	13.927	149	501155	73.340	ng	98
85) Di-n-octyl phthalate	14.545	149	764871	70.434	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	800420	59.137	ng	98
88) Benzo(b)fluoranthene	14.986	252	692250	61.946	ng	97
89) Benzo(k)fluoranthene	15.015	252	569074	51.552	ng	98
90) Benzo(a)pyrene	15.351	252	601275	56.422	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	641845	57.956	ng	99
92) Benzo(g,h,i)perylene	17.350	276	672550	58.149	ng	99

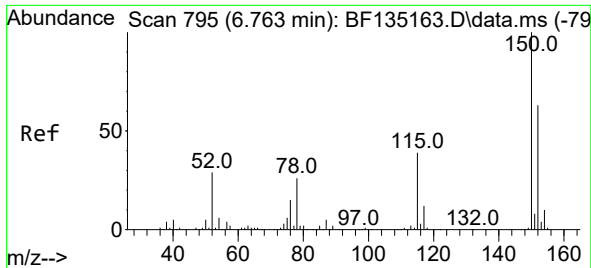
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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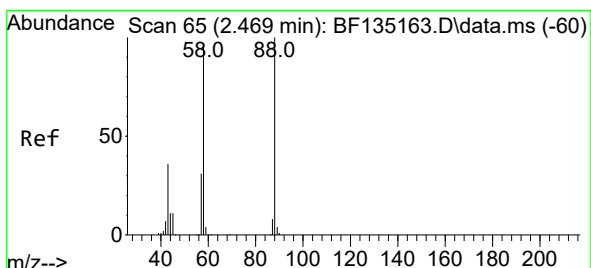
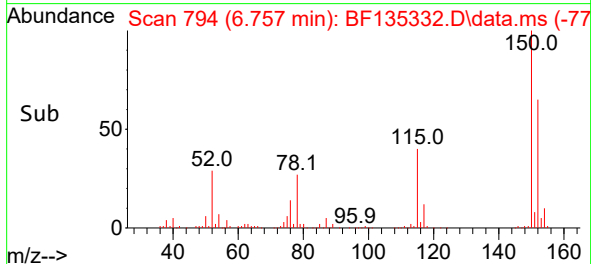
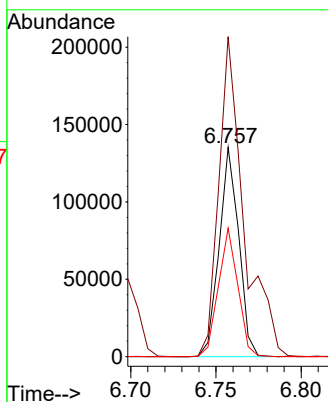
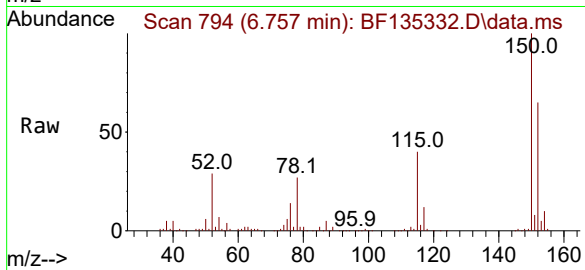




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF135332.D
 Acq: 19 Sep 2023 13:41

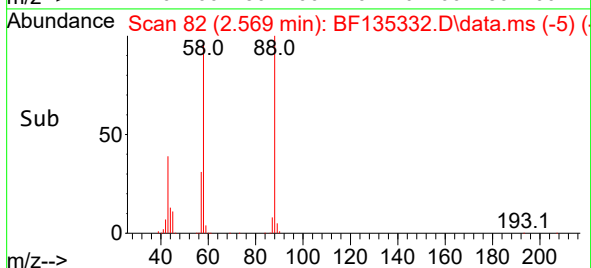
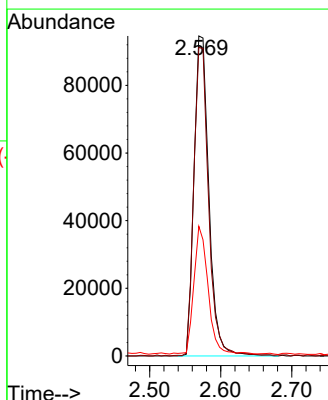
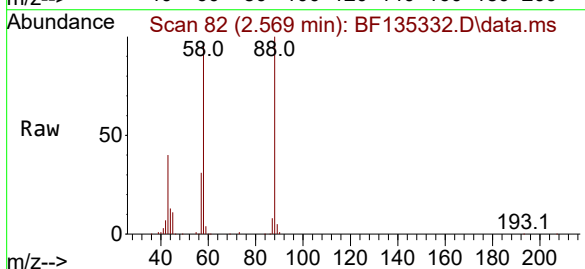
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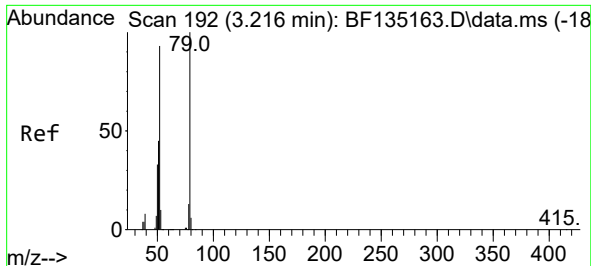
Tgt Ion:152 Resp: 108161
 Ion Ratio Lower Upper
 152 100
 150 152.9 127.8 191.6
 115 61.4 49.8 74.8



#2
 1,4-Dioxane
 Concen: 47.360 ng
 RT: 2.569 min Scan# 82
 Delta R.T. 0.100 min
 Lab File: BF135332.D
 Acq: 19 Sep 2023 13:41

Tgt Ion: 88 Resp: 138068
 Ion Ratio Lower Upper
 88 100
 58 96.2 78.3 117.5
 43 37.7 29.4 44.0

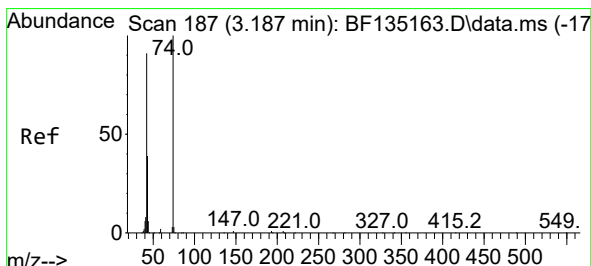
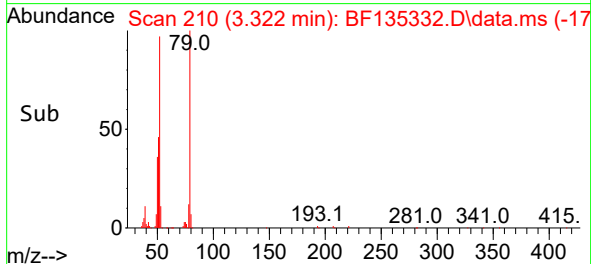
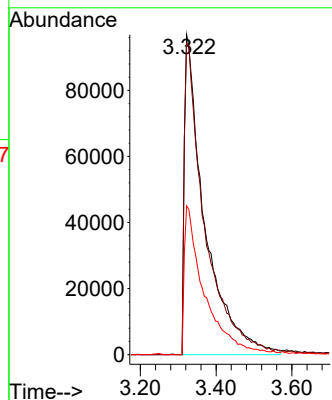
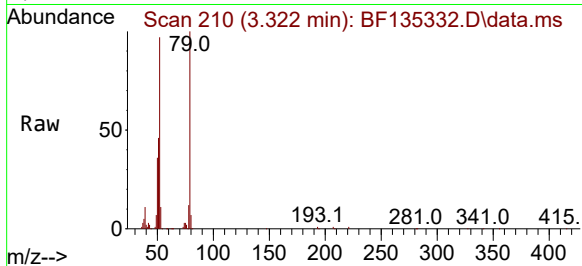




#3
Pyridine
Concen: 46.011 ng
RT: 3.322 min Scan# 21
Delta R.T. 0.106 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

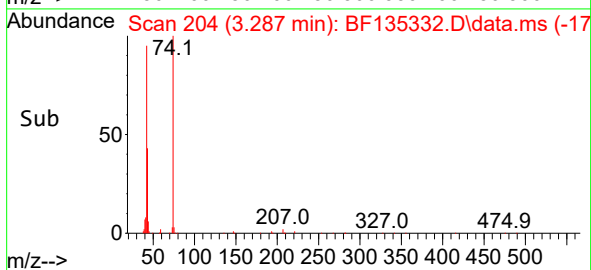
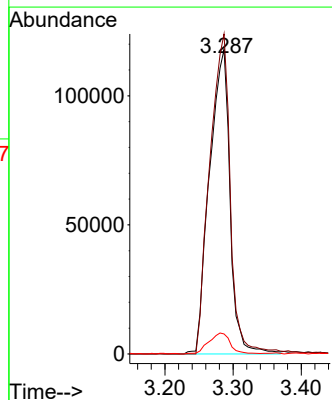
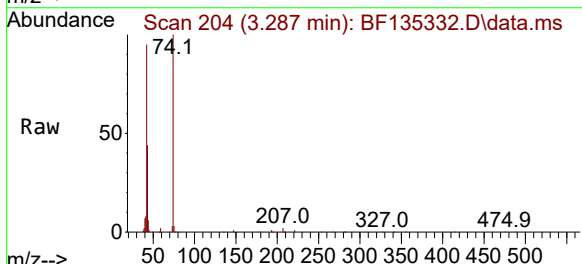
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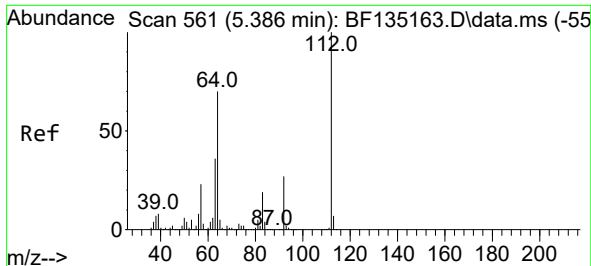
Tgt Ion: 79 Resp: 361007
Ion Ratio Lower Upper
79 100
52 97.4 74.1 111.1
51 46.5 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 59.230 ng
RT: 3.287 min Scan# 204
Delta R.T. 0.100 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

Tgt Ion: 42 Resp: 246612
Ion Ratio Lower Upper
42 100
74 105.1 87.7 131.5
44 6.6 5.6 8.4

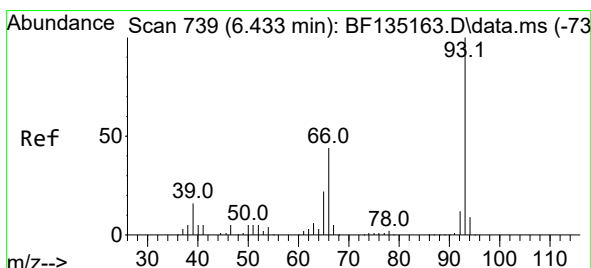
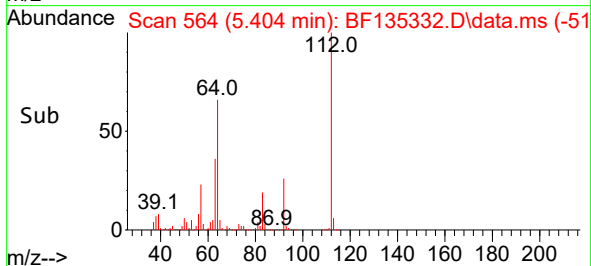
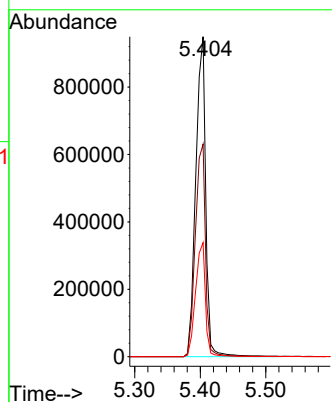
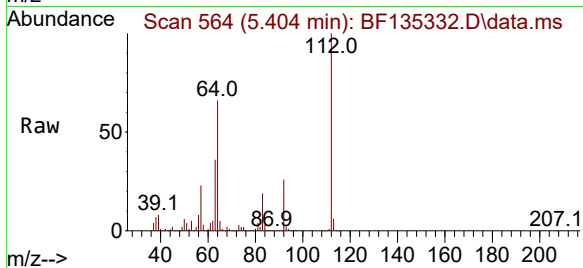




#5
2-Fluorophenol
Concen: 151.062 ng
RT: 5.404 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

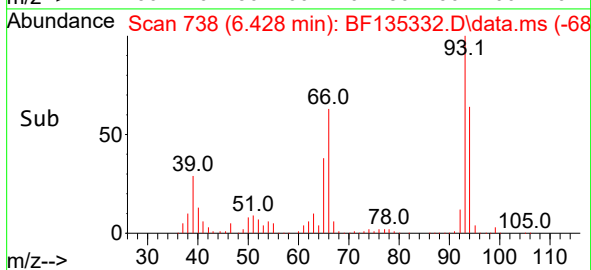
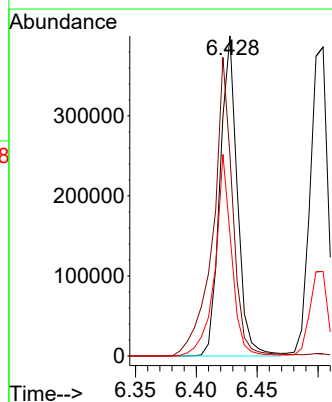
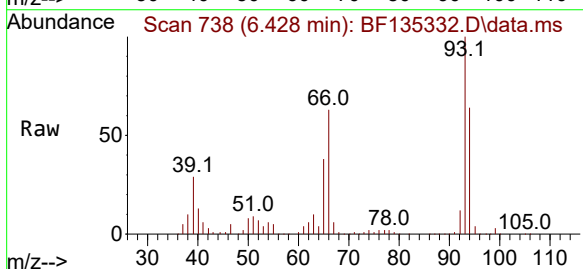
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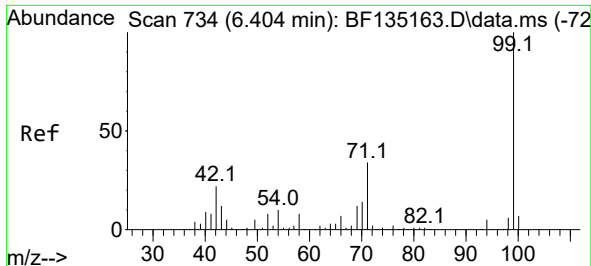
Tgt Ion:112 Resp: 1004584
Ion Ratio Lower Upper
112 100
64 66.4 55.9 83.9
63 35.6 29.0 43.6



#6
Aniline
Concen: 35.827 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

Tgt Ion: 93 Resp: 397277
Ion Ratio Lower Upper
93 100
66 62.6 35.4 53.0#
65 38.1 17.8 26.8#

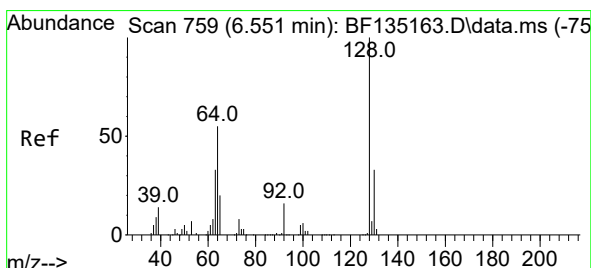
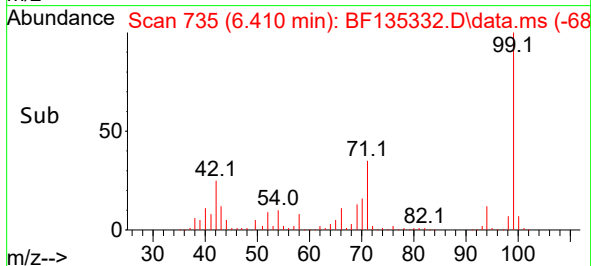
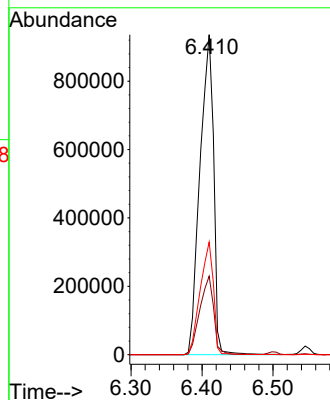
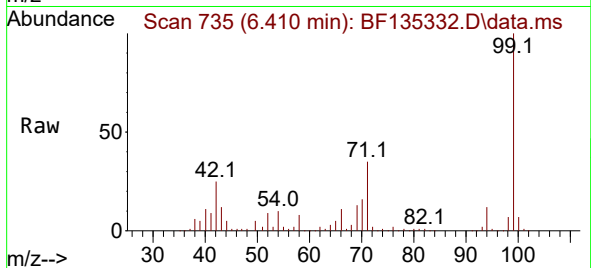




#7
Phenol-d6
Concen: 148.724 ng
RT: 6.410 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

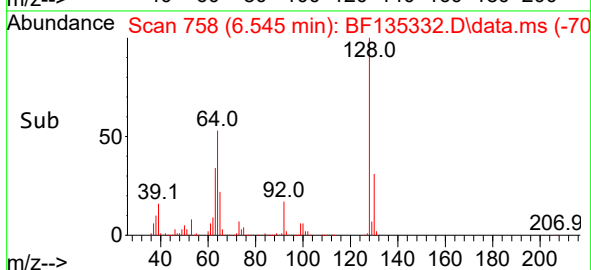
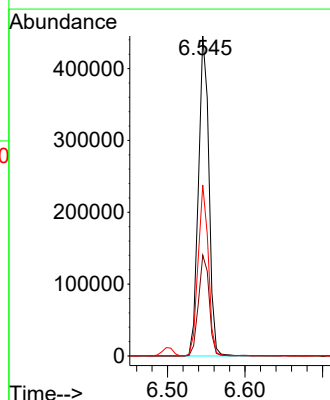
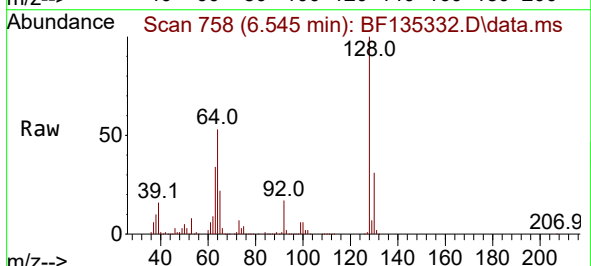
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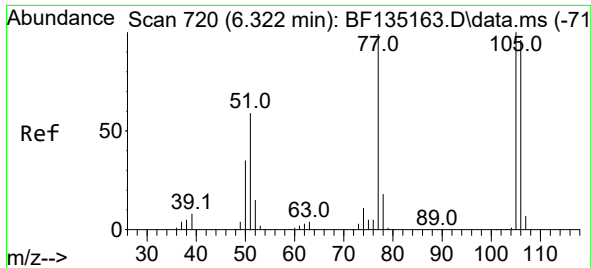
Tgt Ion: 99 Resp: 1257619
Ion Ratio Lower Upper
99 100
42 24.5 17.9 26.9
71 35.2 27.0 40.6



#8
2-Chlorophenol
Concen: 58.917 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

Tgt Ion:128 Resp: 418254
Ion Ratio Lower Upper
128 100
130 31.5 12.7 52.7
64 53.5 35.9 75.9

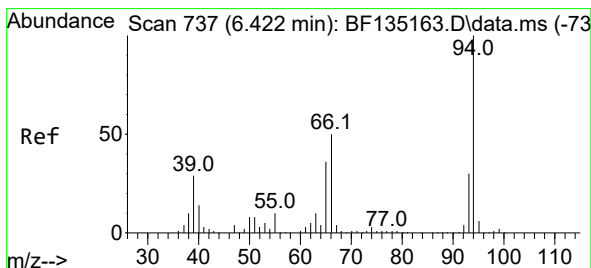
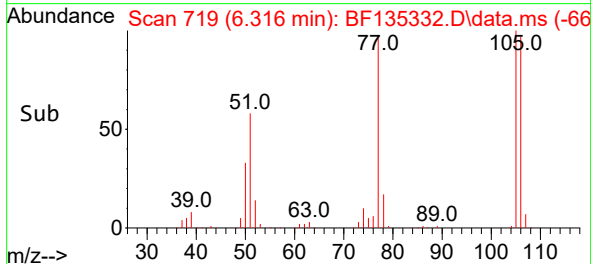
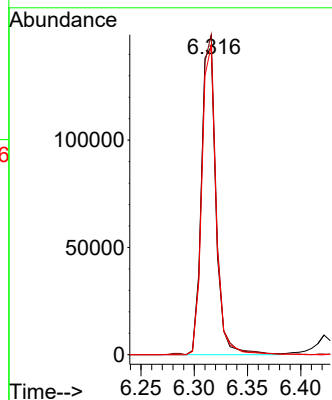
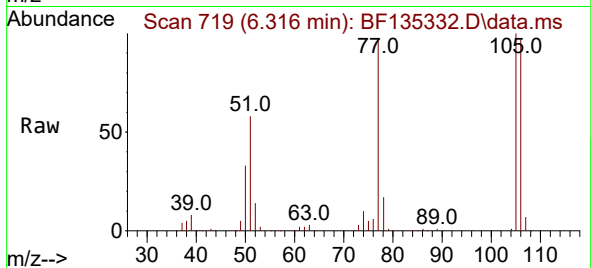




#9
Benzaldehyde
Concen: 28.684 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF135332.D
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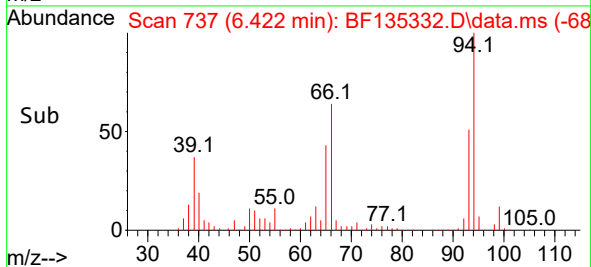
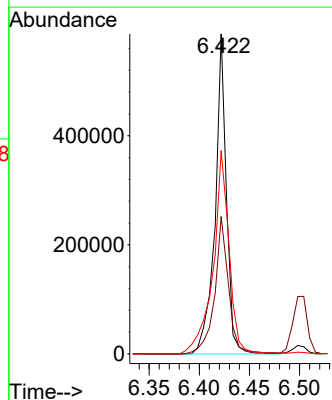
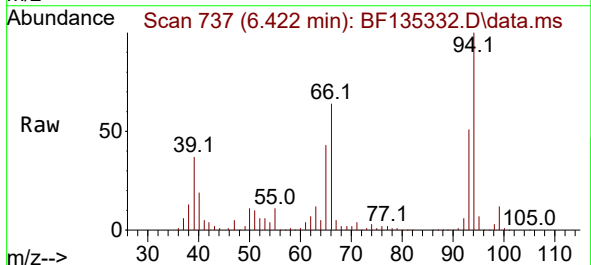
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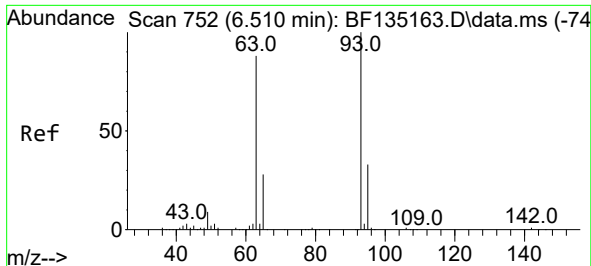
Tgt Ion: 77 Resp: 138179
Ion Ratio Lower Upper
77 100
105 103.8 81.4 121.4
106 100.4 76.9 116.9



#10
Phenol
Concen: 50.244 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
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Tgt Ion: 94 Resp: 465878
Ion Ratio Lower Upper
94 100
65 42.9 15.9 55.9
66 63.6 29.8 69.8

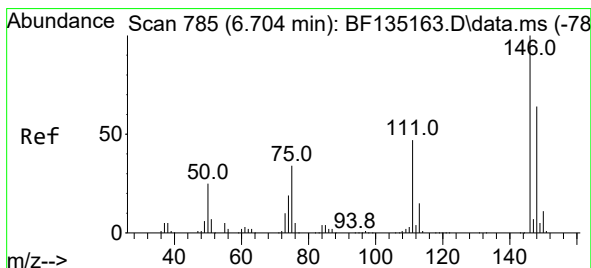
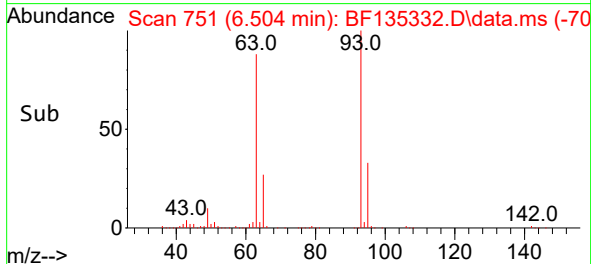
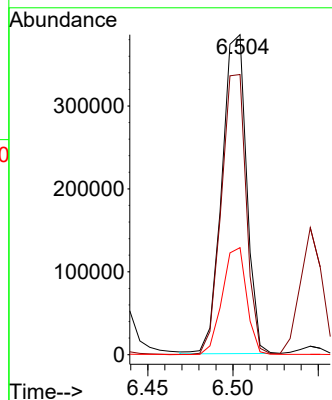
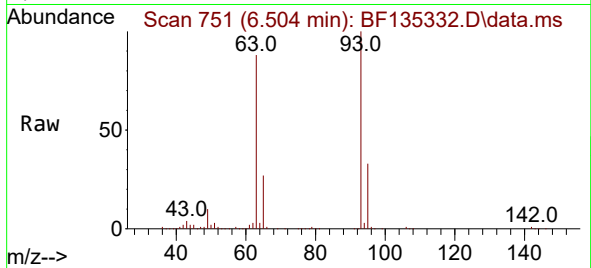




#11
bis(2-Chloroethyl)ether
Concen: 55.787 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

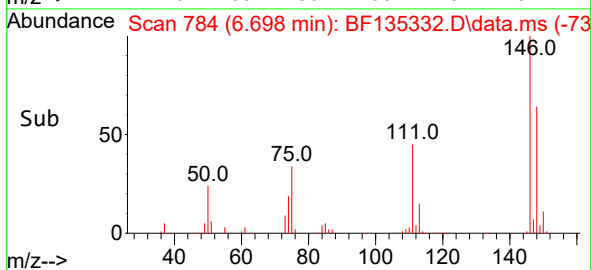
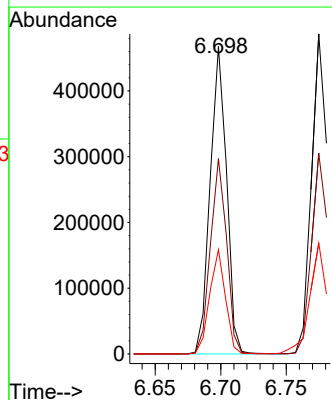
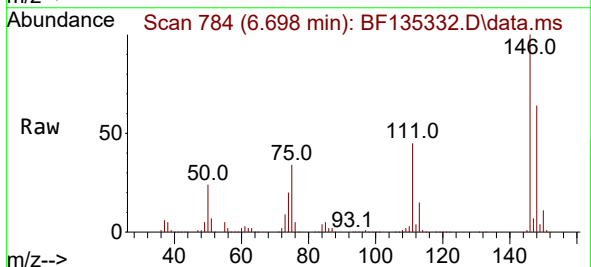
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

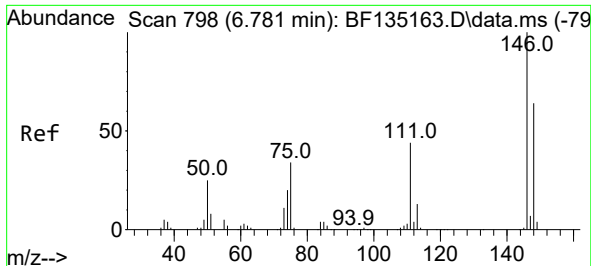
Tgt Ion: 93 Resp: 388018
Ion Ratio Lower Upper
93 100
63 87.5 67.3 107.3
95 33.5 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 56.487 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

Tgt Ion:146 Resp: 407540
Ion Ratio Lower Upper
146 100
148 63.5 51.3 76.9
75 33.9 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 55.752 ng

RT: 6.775 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF135332.D

Acq: 19 Sep 2023 13:41

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

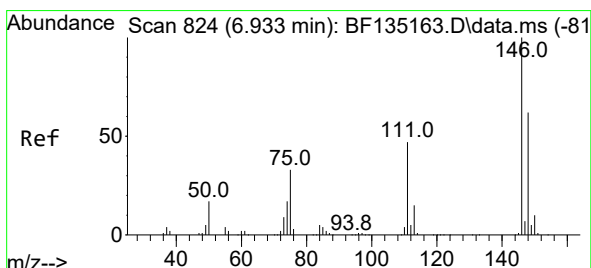
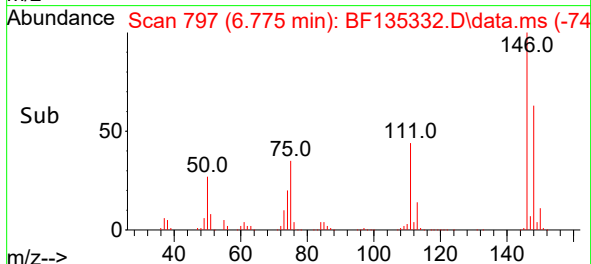
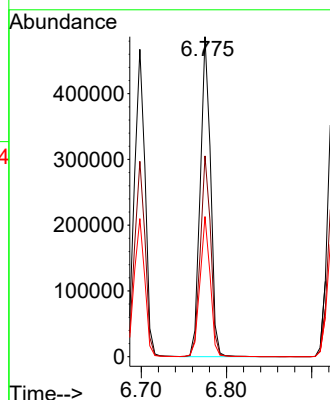
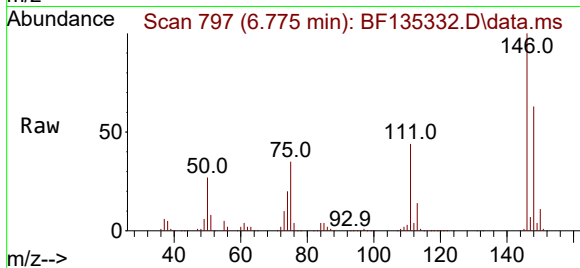
Tgt Ion:146 Resp: 409234

Ion Ratio Lower Upper

146 100

148 62.7 51.3 76.9

111 43.8 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 56.859 ng

RT: 6.928 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF135332.D

Acq: 19 Sep 2023 13:41

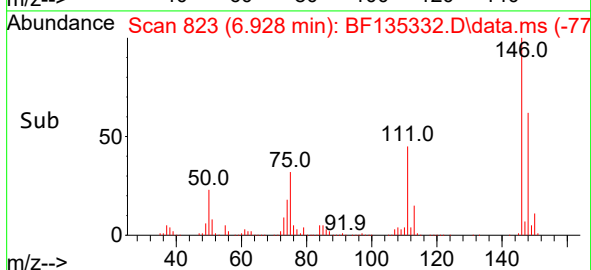
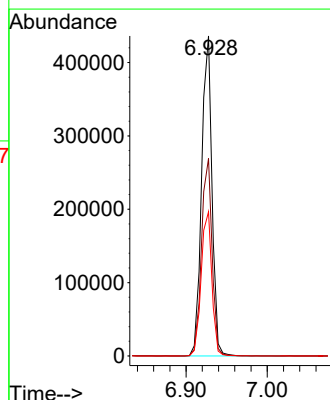
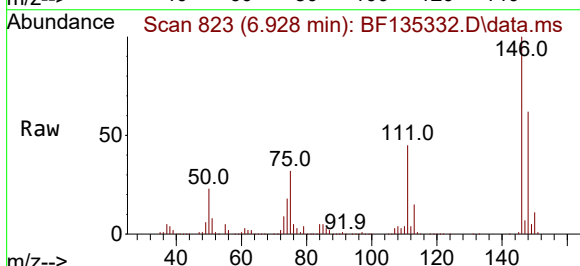
Tgt Ion:146 Resp: 387583

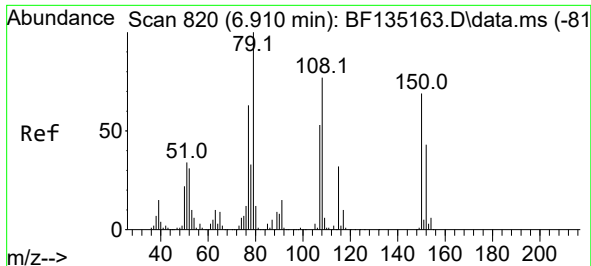
Ion Ratio Lower Upper

146 100

148 61.7 49.7 74.5

111 45.0 37.4 56.2

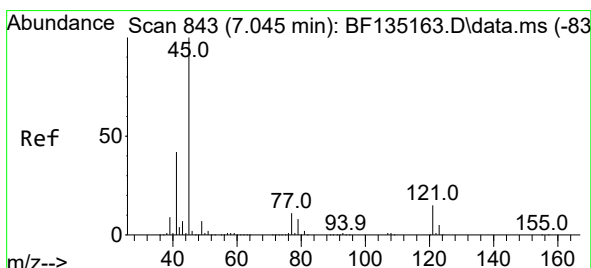
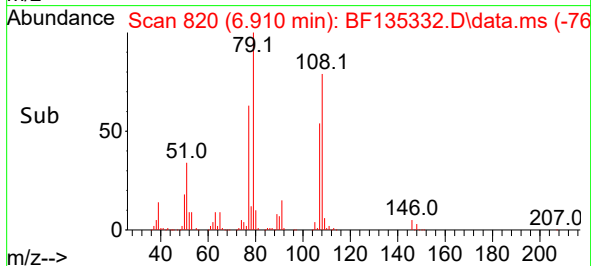
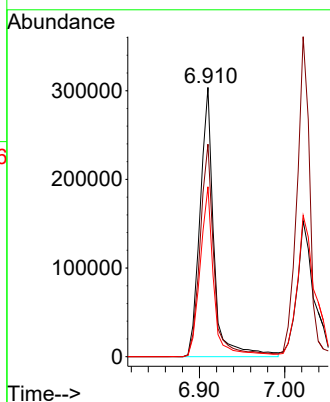
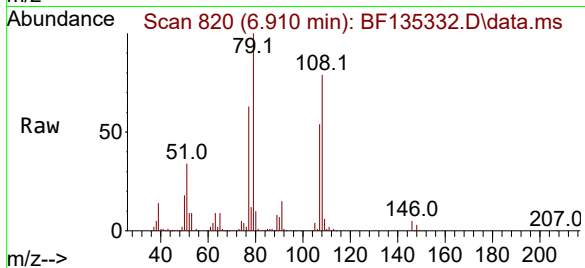




#15
Benzyl Alcohol
Concen: 56.694 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

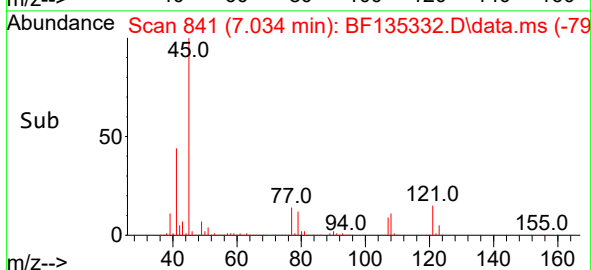
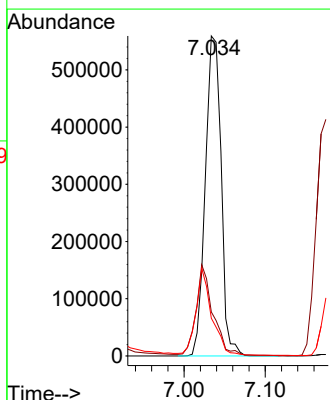
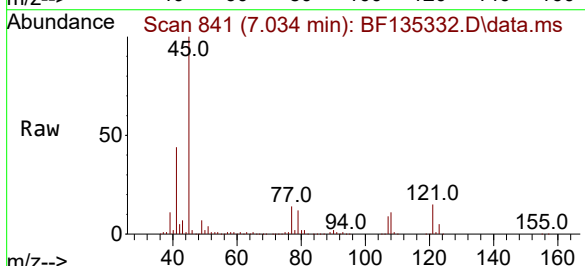
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

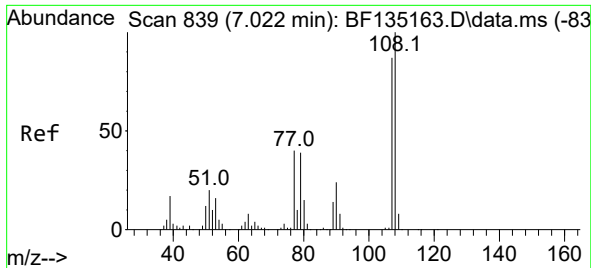
Tgt Ion: 79 Resp: 344019
Ion Ratio Lower Upper
79 100
108 78.9 61.2 91.8
77 63.1 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.601 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

Tgt Ion: 45 Resp: 755152
Ion Ratio Lower Upper
45 100
77 13.7 0.0 30.6
79 11.8 0.0 28.3

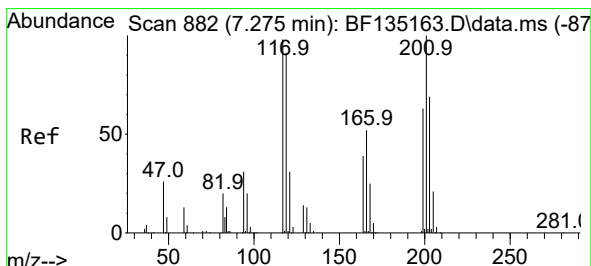
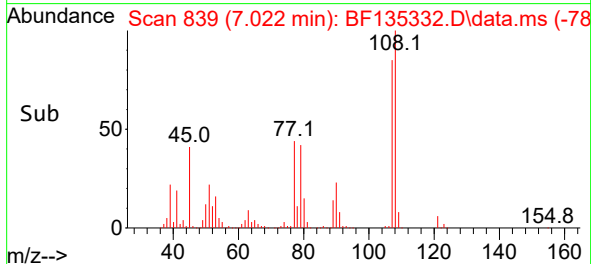
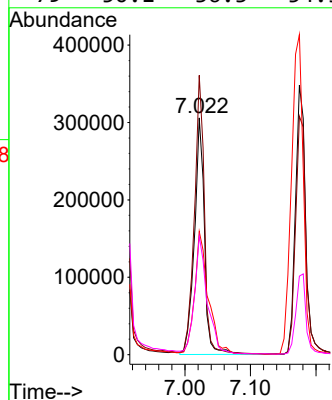
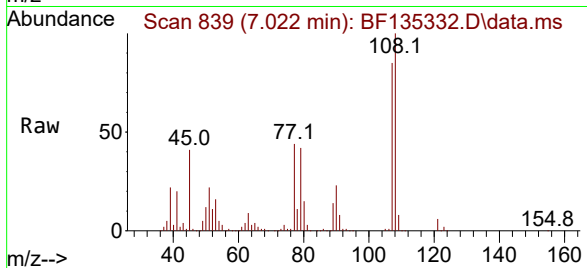




#17
2-Methylphenol
Concen: 52.341 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

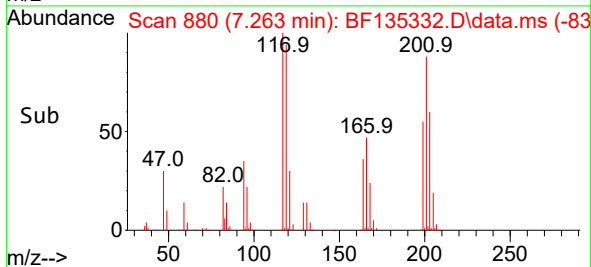
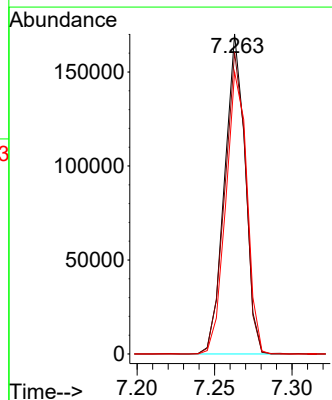
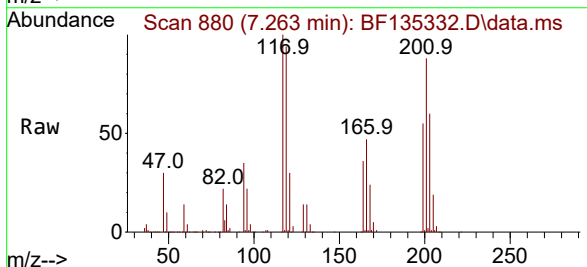
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

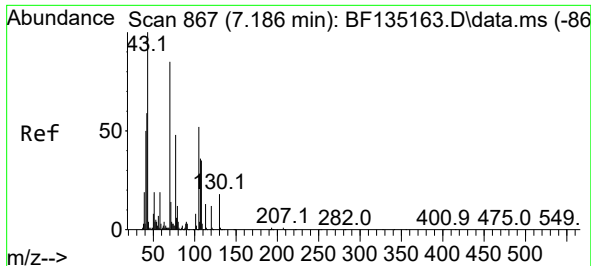
Tgt Ion:107 Resp: 327898
Ion Ratio Lower Upper
107 100
108 118.0 92.0 138.0
77 52.1 36.7 55.1
79 50.1 36.3 54.5



#18
Hexachloroethane
Concen: 57.862 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

Tgt Ion:117 Resp: 156932
Ion Ratio Lower Upper
117 100
119 94.3 74.7 112.1
201 88.1 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 51.001 ng

RT: 7.181 min Scan# 8

Delta R.T. -0.006 min

Lab File: BF135332.D

Acq: 19 Sep 2023 13:41

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

Tgt Ion: 70 Resp: 267128

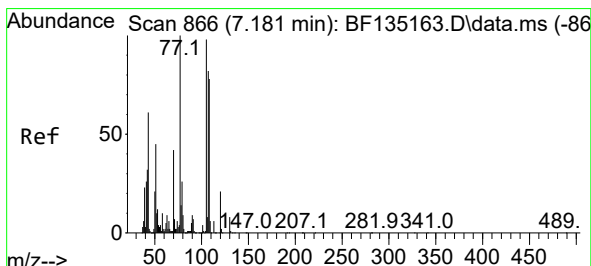
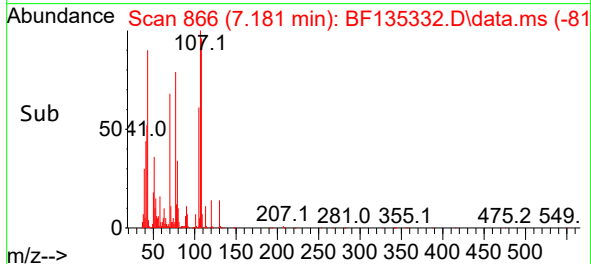
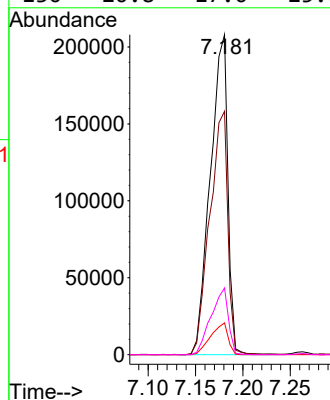
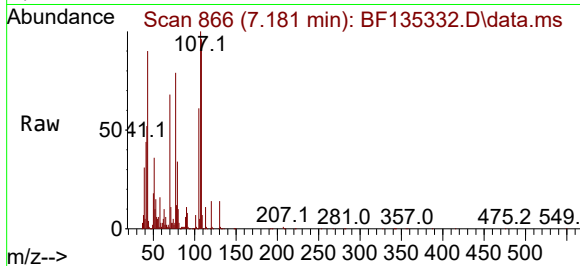
Ion Ratio Lower Upper

70 100

42 76.0 55.4 83.0

101 10.0 7.7 11.5

130 20.8 17.0 25.6



#20

3+4-Methylphenols

Concen: 49.930 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF135332.D

Acq: 19 Sep 2023 13:41

Tgt Ion: 107 Resp: 376124

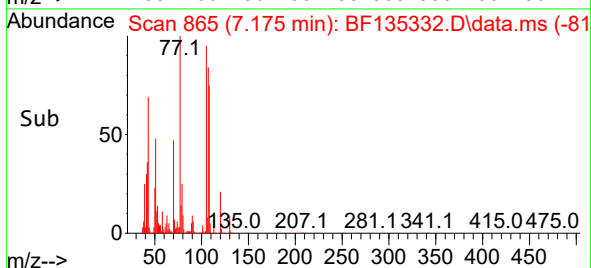
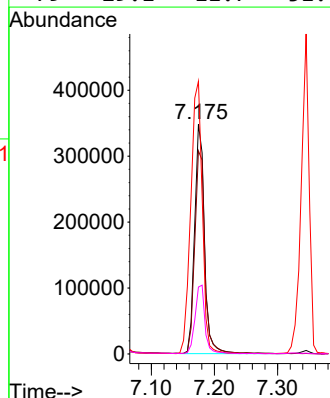
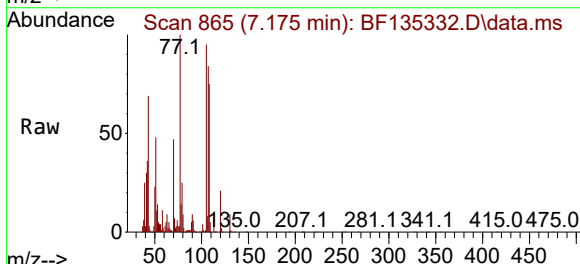
Ion Ratio Lower Upper

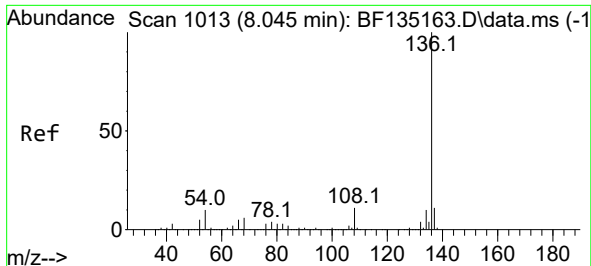
107 100

108 88.4 74.7 114.7

77 118.7 102.0 142.0

79 29.1 11.7 51.7

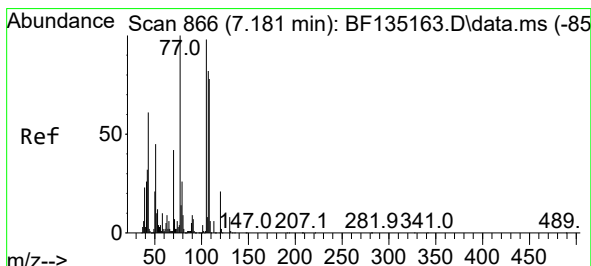
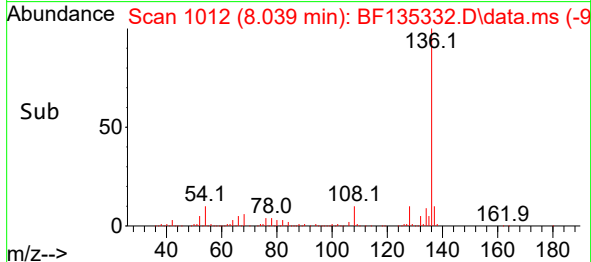
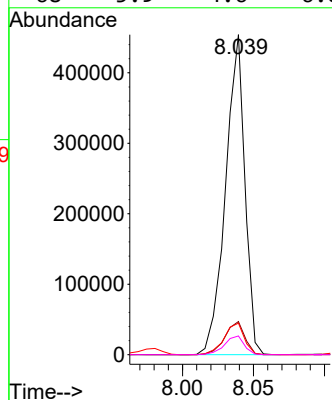
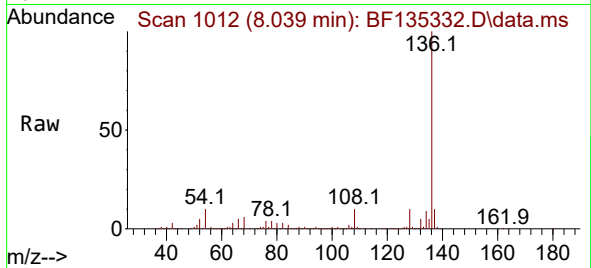




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

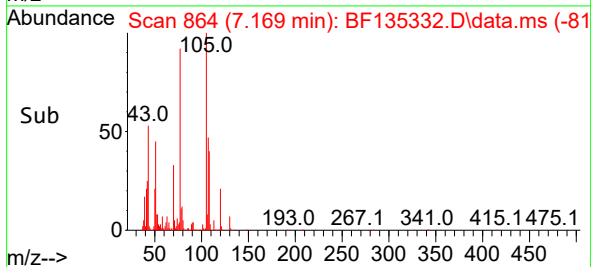
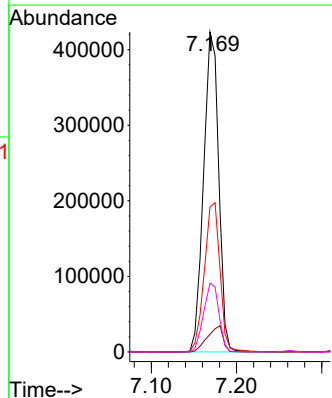
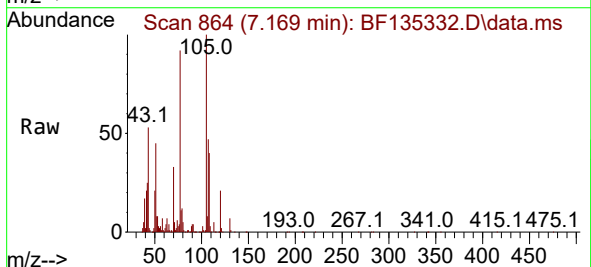
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

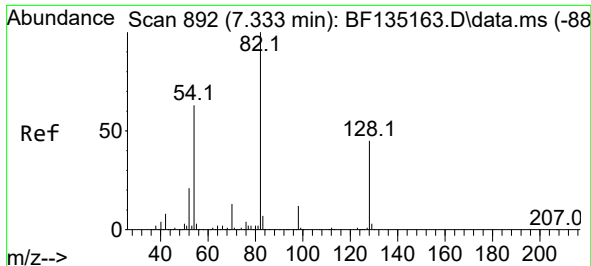
Tgt Ion:136 Resp: 429991
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 9.9 7.7 11.5
68 5.9 4.6 6.8



#22
Acetophenone
Concen: 53.174 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

Tgt Ion:105 Resp: 522734
Ion Ratio Lower Upper
105 100
71 5.5 5.8 8.6#
51 45.3 37.0 55.4
120 21.4 17.0 25.6





#23

Nitrobenzene-d5

Concen: 102.674 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135332.D

Acq: 19 Sep 2023 13:41

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

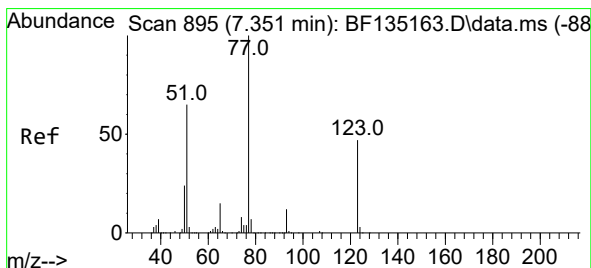
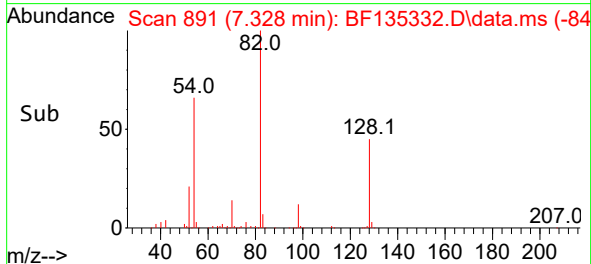
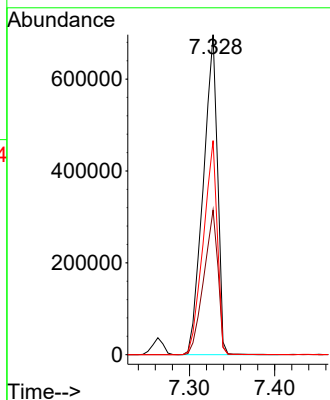
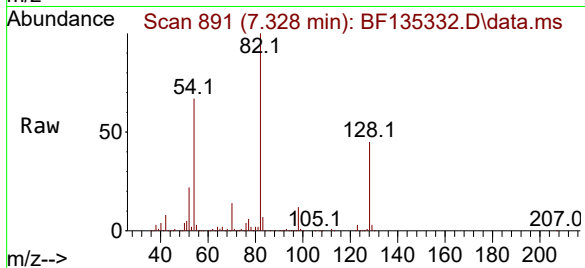
Tgt Ion: 82 Resp: 812614

Ion Ratio Lower Upper

82 100

128 45.2 35.8 53.6

54 66.9 50.6 76.0



#24

Nitrobenzene

Concen: 54.928 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135332.D

Acq: 19 Sep 2023 13:41

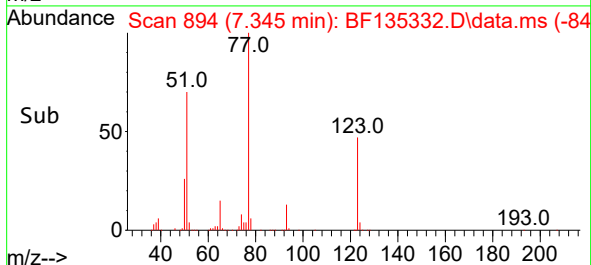
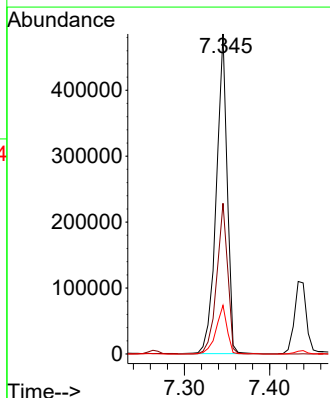
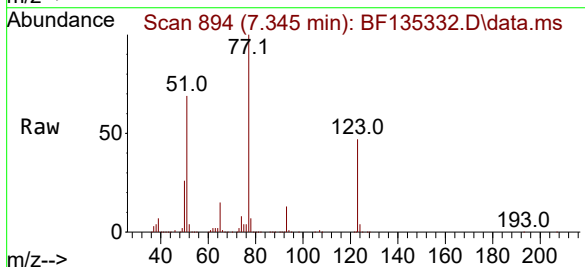
Tgt Ion: 77 Resp: 429684

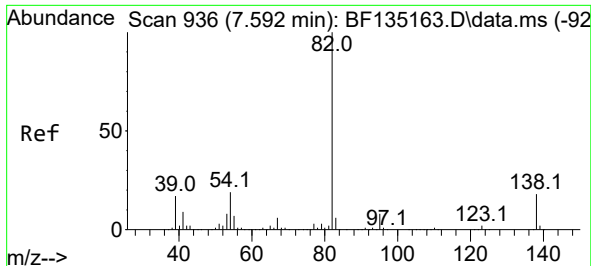
Ion Ratio Lower Upper

77 100

123 47.1 37.6 56.4

65 15.2 12.2 18.4

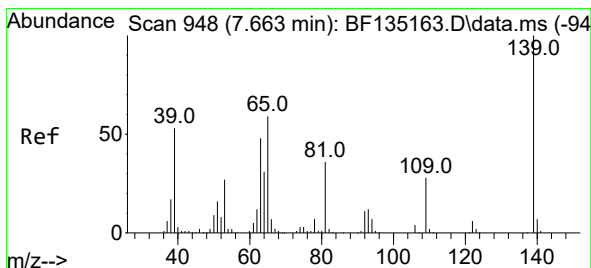
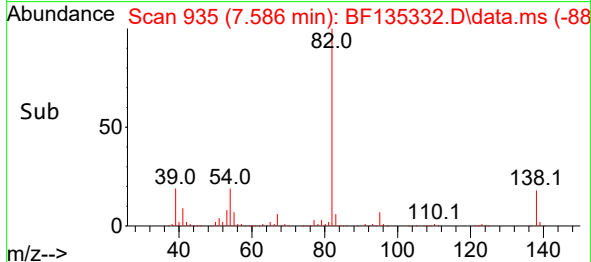
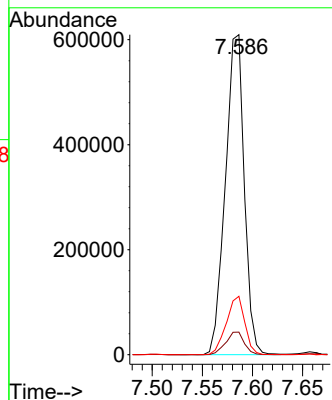
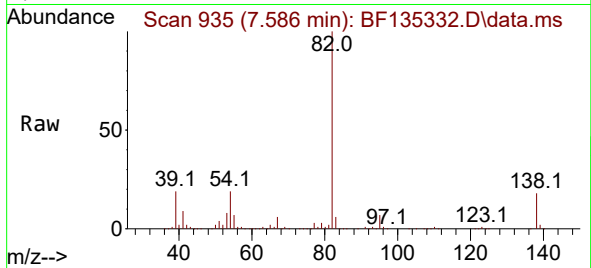




#25
Isophorone
Concen: 54.948 ng
RT: 7.586 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

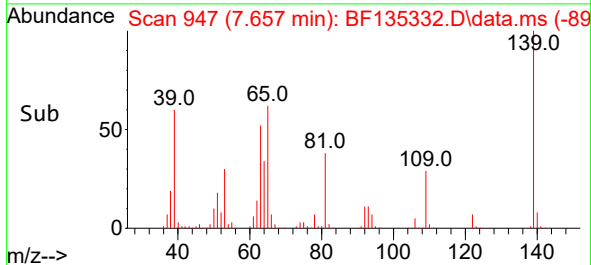
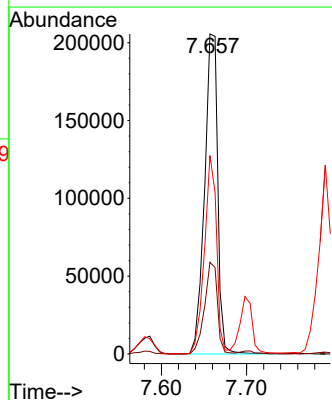
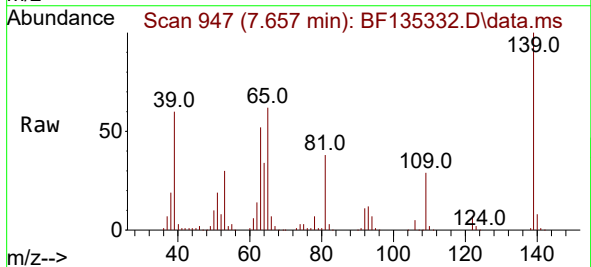
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

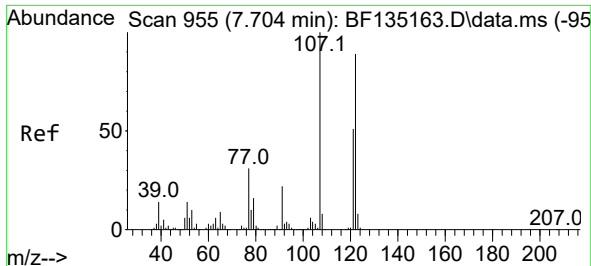
Tgt Ion: 82 Resp: 798562
Ion Ratio Lower Upper
82 100
95 7.0 6.0 9.0
138 18.2 14.5 21.7



#26
2-Nitrophenol
Concen: 58.967 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

Tgt Ion:139 Resp: 221390
Ion Ratio Lower Upper
139 100
109 28.6 22.6 33.8
65 62.0 47.0 70.4

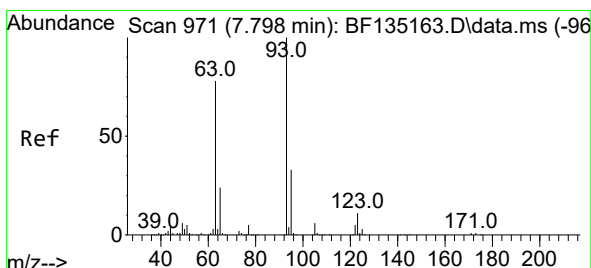
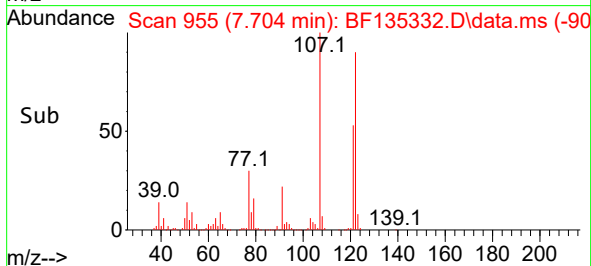
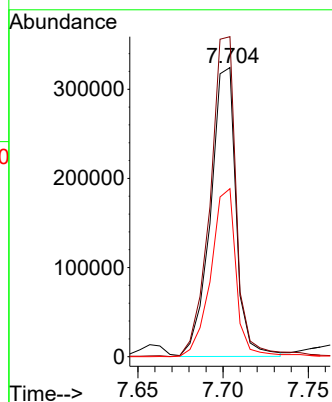
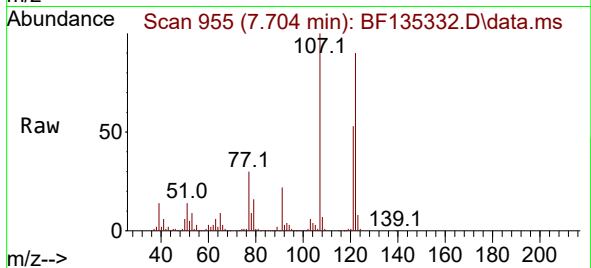




#27
2,4-Dimethylphenol
Concen: 53.858 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

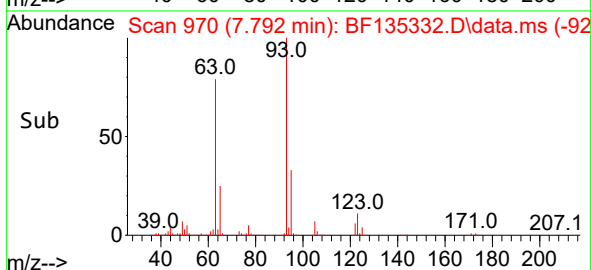
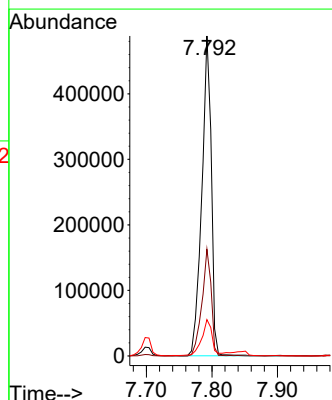
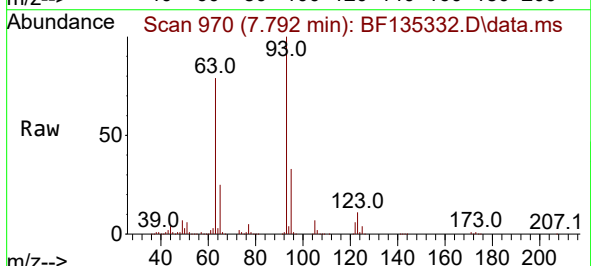
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

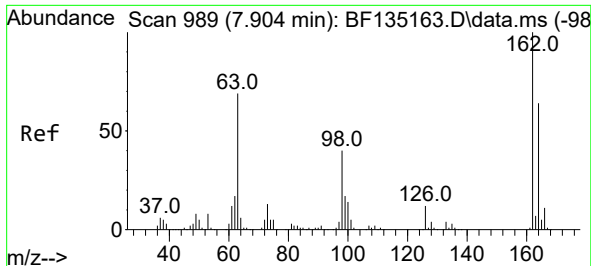
Tgt Ion:122 Resp: 339886
Ion Ratio Lower Upper
122 100
107 110.7 90.2 135.4
121 58.1 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 56.772 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.006 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

Tgt Ion: 93 Resp: 493837
Ion Ratio Lower Upper
93 100
95 33.3 26.2 39.2
123 11.3 8.8 13.2

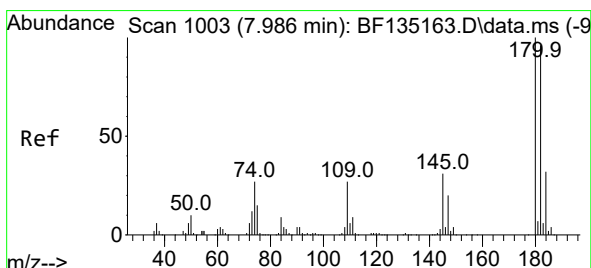
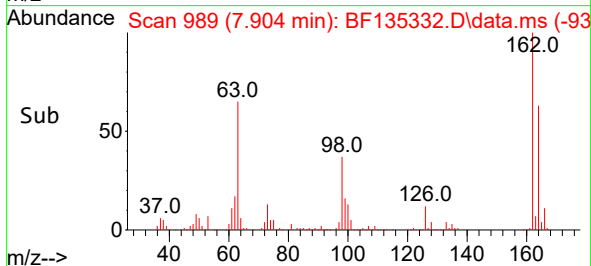
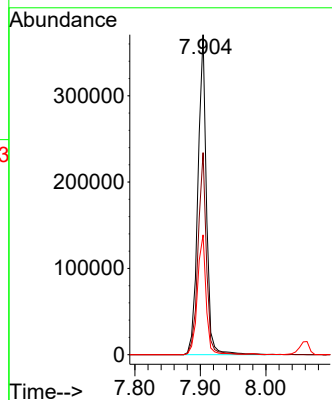
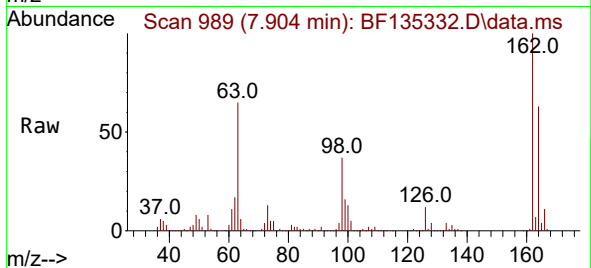




#29
2,4-Dichlorophenol
Concen: 57.488 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

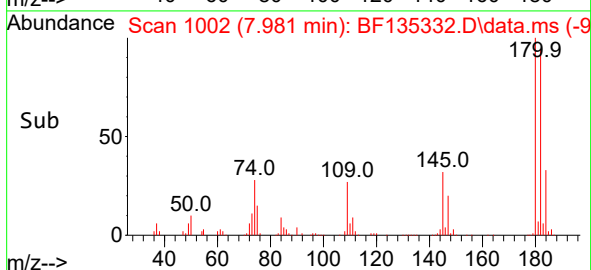
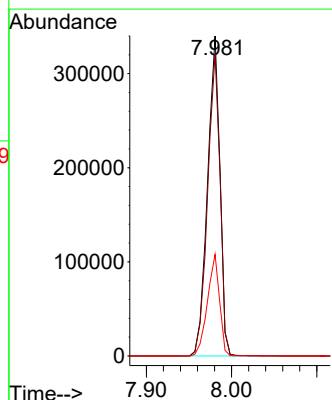
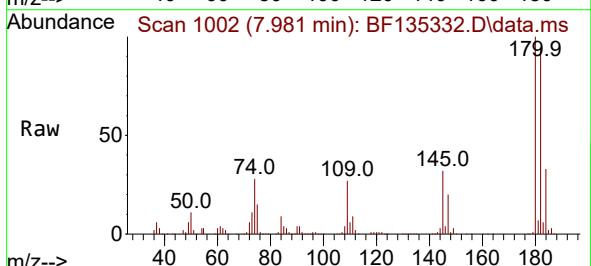
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

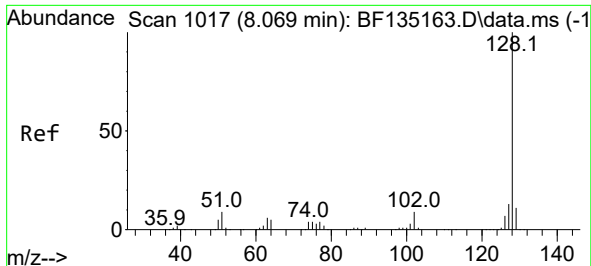
Tgt Ion:162 Resp: 336170
Ion Ratio Lower Upper
162 100
164 63.2 44.1 84.1
98 37.4 20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 56.272 ng
RT: 7.981 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

Tgt Ion:180 Resp: 343947
Ion Ratio Lower Upper
180 100
182 94.3 76.9 115.3
145 31.8 24.5 36.7

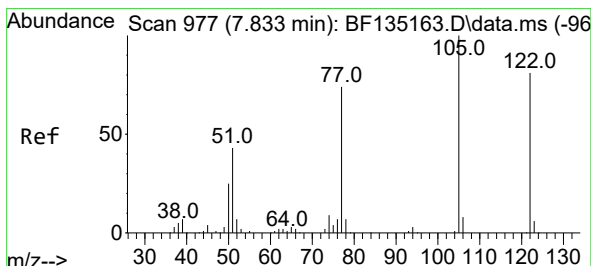
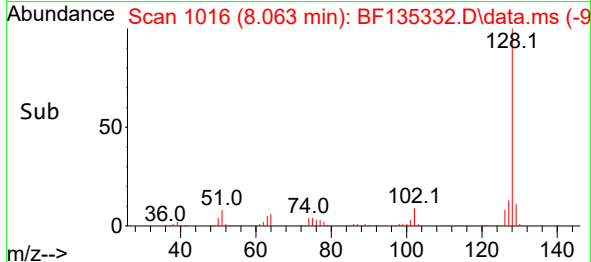
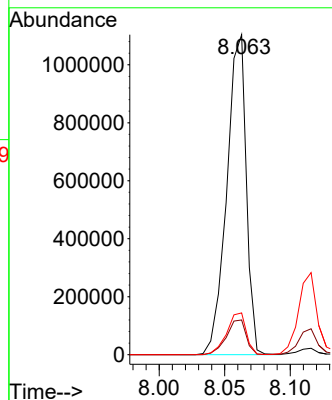
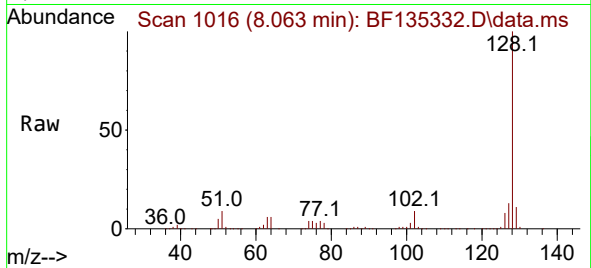




#31
Naphthalene
Concen: 54.660 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

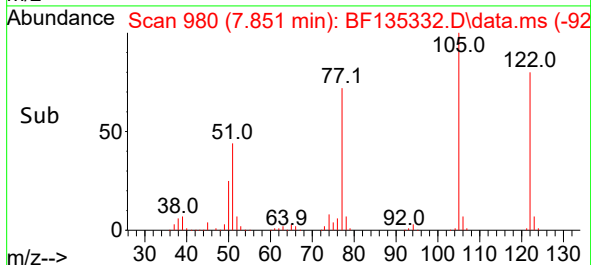
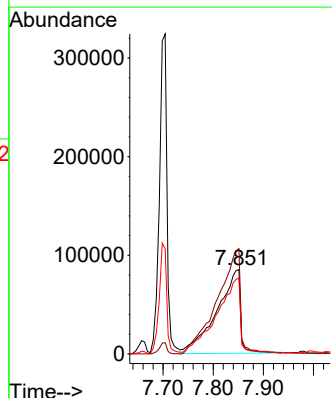
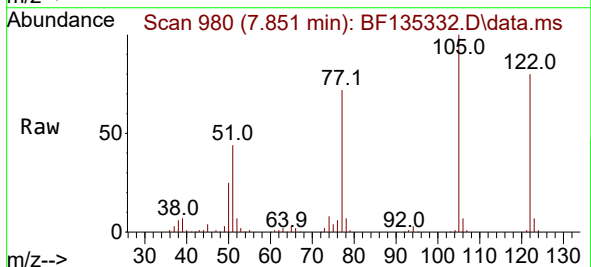
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

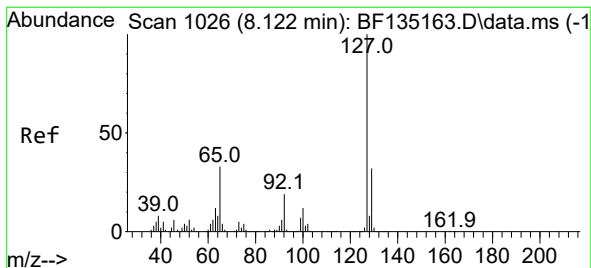
Tgt Ion:128 Resp: 1141946
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.1 10.7 16.1



#32
Benzoic acid
Concen: 58.852 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.018 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

Tgt Ion:122 Resp: 279670
Ion Ratio Lower Upper
122 100
105 124.9 99.9 139.9
77 90.2 70.0 110.0





#33

4-Chloroaniline

Concen: 32.593 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF135332.D

Acq: 19 Sep 2023 13:41

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

Tgt Ion:127 Resp: 298754

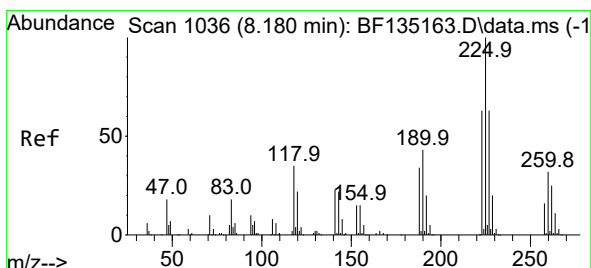
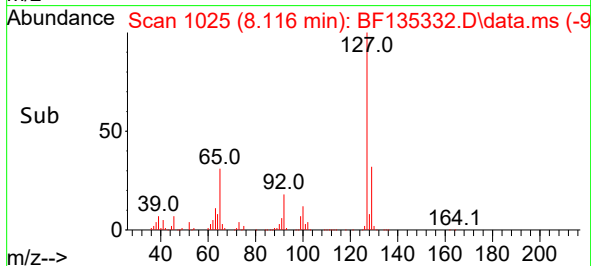
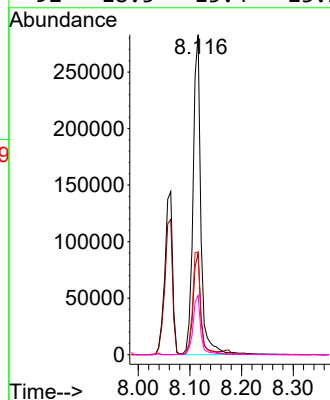
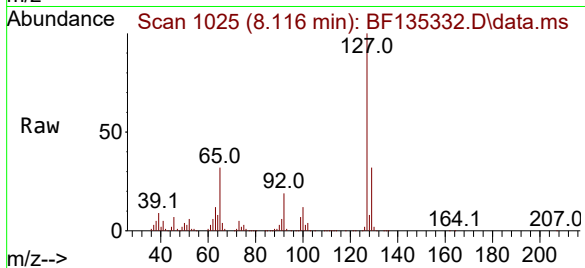
Ion Ratio Lower Upper

127 100

129 31.6 25.8 38.8

65 32.1 26.6 39.8

92 18.5 15.4 23.2



#34

Hexachlorobutadiene

Concen: 54.476 ng

RT: 8.175 min Scan# 1035

Delta R.T. -0.006 min

Lab File: BF135332.D

Acq: 19 Sep 2023 13:41

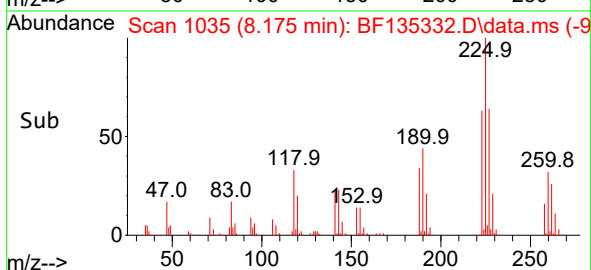
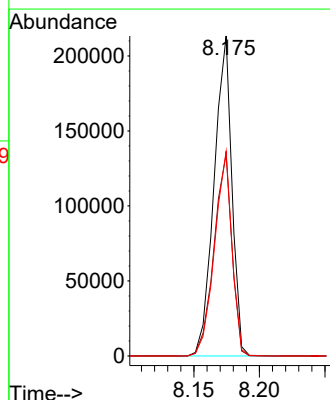
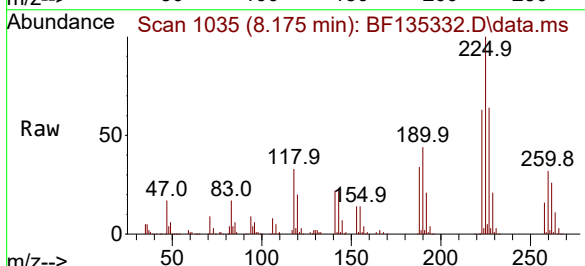
Tgt Ion:225 Resp: 200774

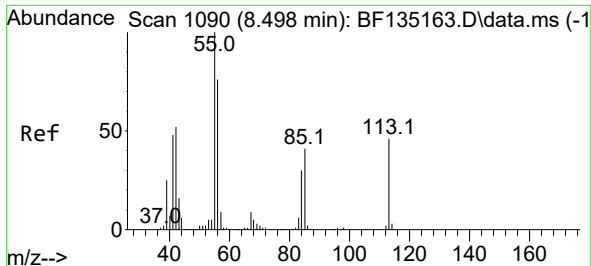
Ion Ratio Lower Upper

225 100

223 63.1 50.6 75.8

227 63.9 50.8 76.2

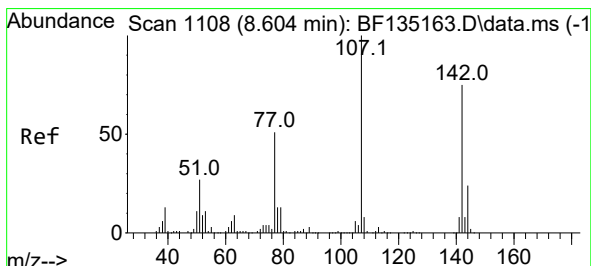
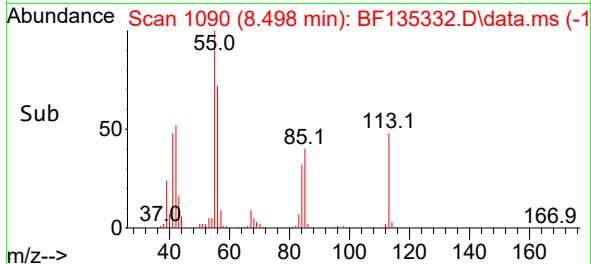
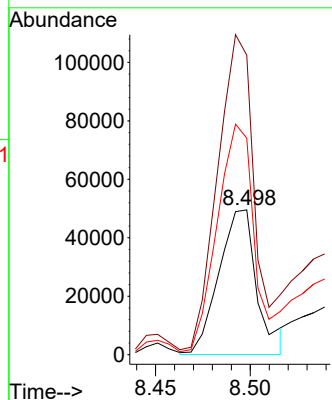
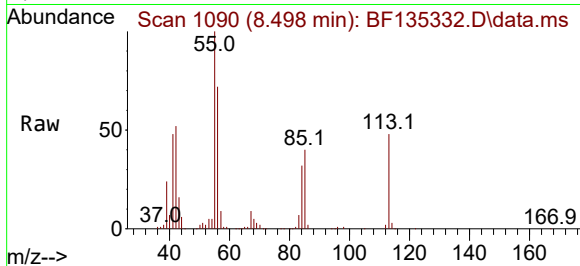




#35
 Caprolactam
 Concen: 35.244 ng
 RT: 8.498 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF135332.D
 Acq: 19 Sep 2023 13:41

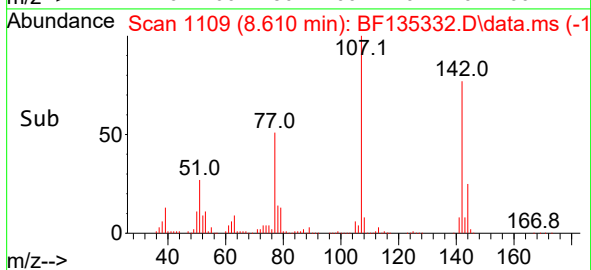
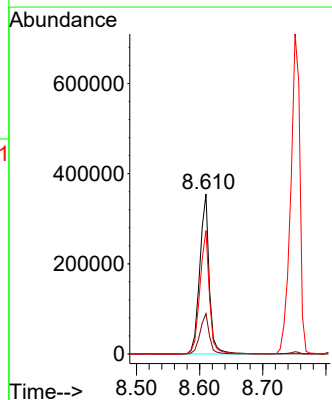
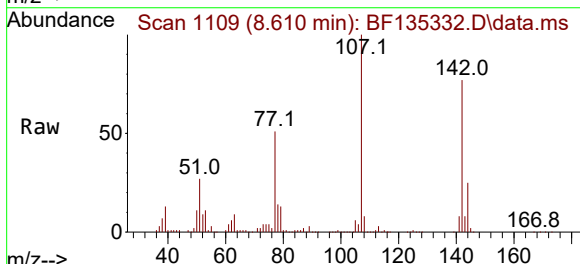
Instrument :
 BNA_F
 ClientSampleId :
 PB155592BSD

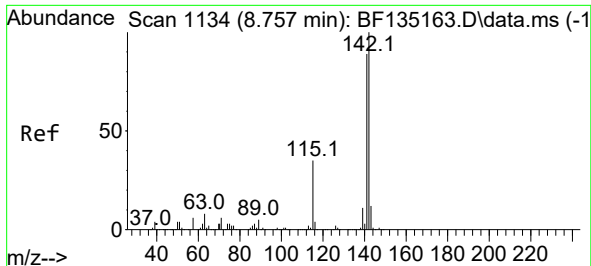
Tgt Ion:113 Resp: 69170
 Ion Ratio Lower Upper
 113 100
 55 206.8 199.3 239.3
 56 149.4 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 56.989 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF135332.D
 Acq: 19 Sep 2023 13:41

Tgt Ion:107 Resp: 370384
 Ion Ratio Lower Upper
 107 100
 144 25.2 19.0 28.4
 142 77.2 60.2 90.2





#37

2-Methylnaphthalene

Concen: 51.217 ng

RT: 8.751 min Scan# 1134

Delta R.T. -0.006 min

Lab File: BF135332.D

Acq: 19 Sep 2023 13:41

Instrument :

BNA_F

ClientSampleId :

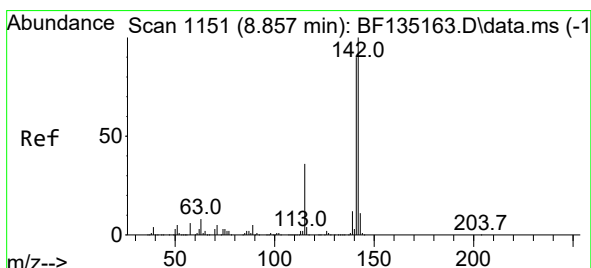
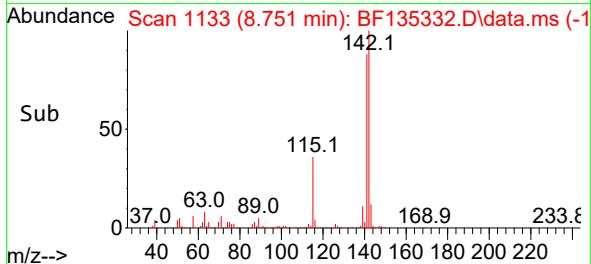
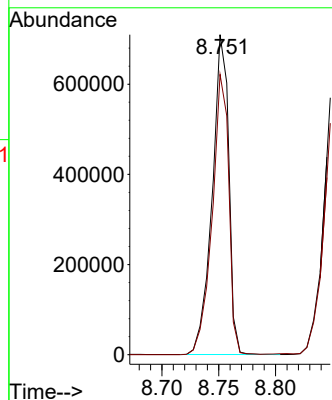
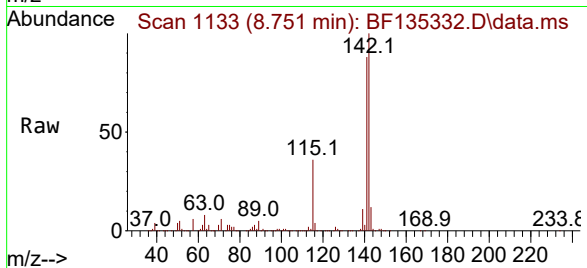
PB155592BSD

Tgt Ion:142 Resp: 719269

Ion Ratio Lower Upper

142 100

141 87.6 71.0 106.6



#38

1-Methylnaphthalene

Concen: 52.536 ng

RT: 8.851 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF135332.D

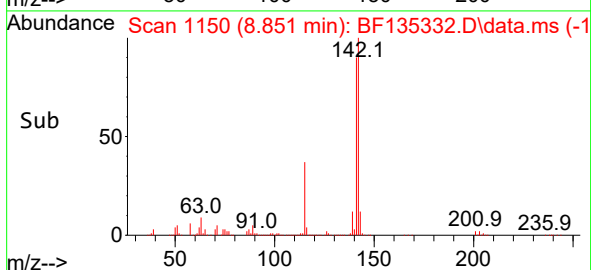
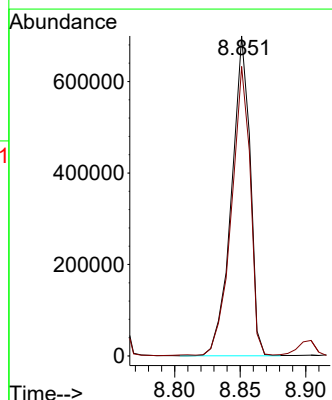
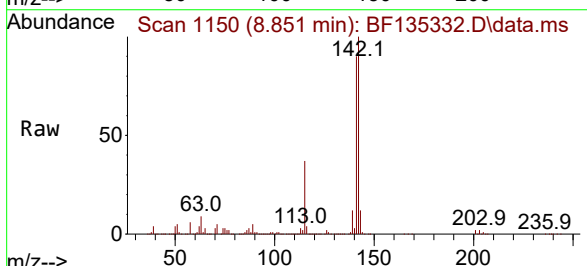
Acq: 19 Sep 2023 13:41

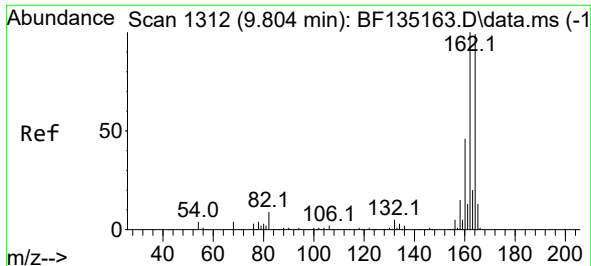
Tgt Ion:142 Resp: 690747

Ion Ratio Lower Upper

142 100

141 90.4 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: BF135332.D

Acq: 19 Sep 2023 13:41

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

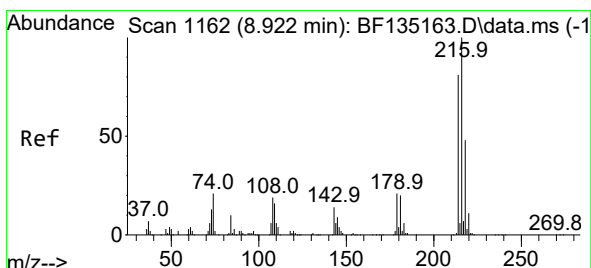
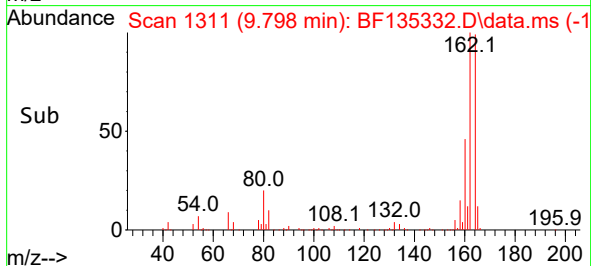
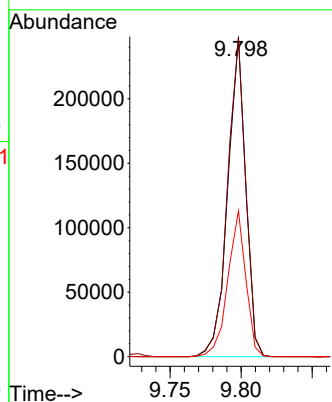
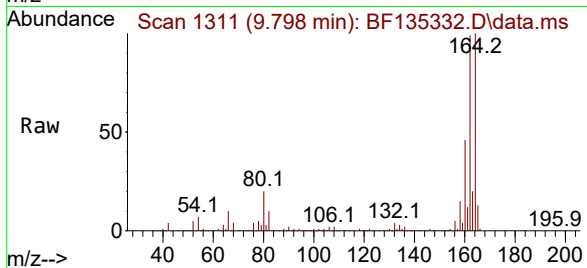
Tgt Ion:164 Resp: 216789

Ion Ratio Lower Upper

164 100

162 99.4 81.0 121.4

160 45.5 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.754 ng

RT: 8.922 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF135332.D

Acq: 19 Sep 2023 13:41

Tgt Ion:216 Resp: 343886

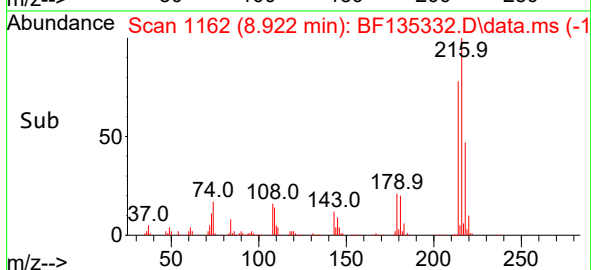
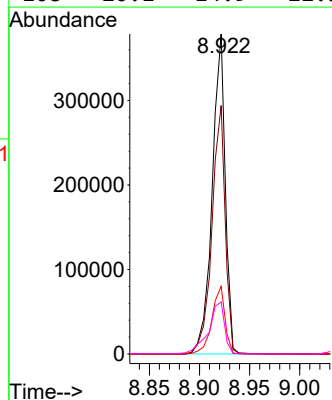
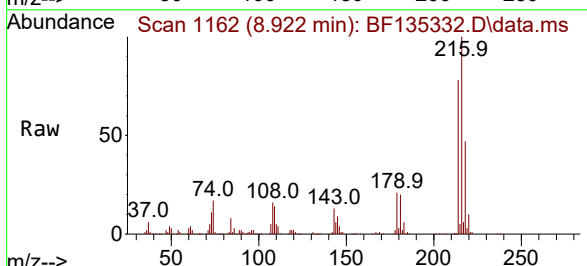
Ion Ratio Lower Upper

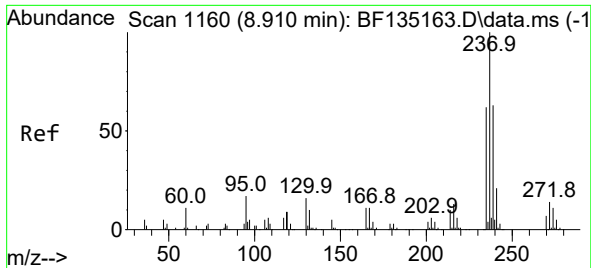
216 100

214 78.8 63.7 95.5

179 21.1 16.7 25.1

108 20.1 14.9 22.3

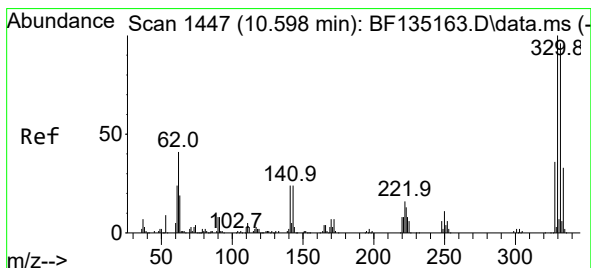
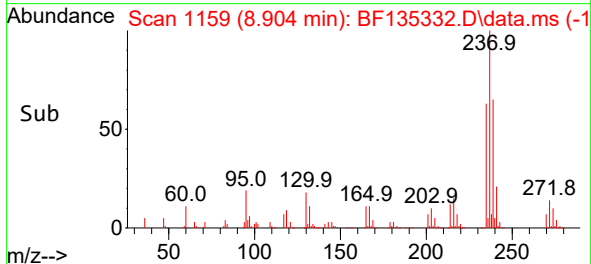
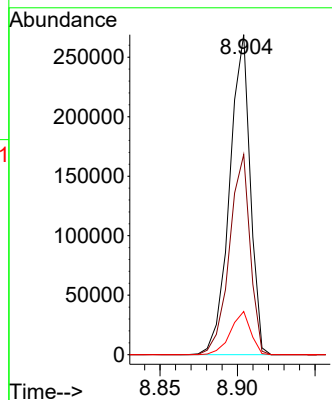
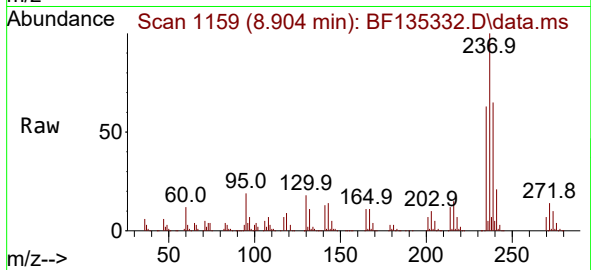




#41
Hexachlorocyclopentadiene
Concen: 88.974 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

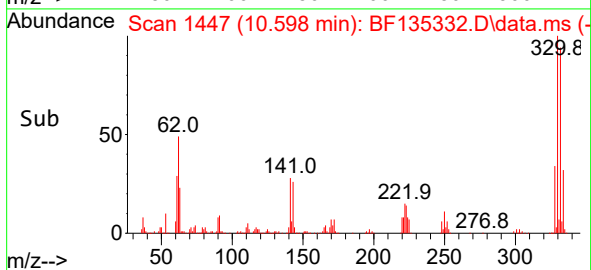
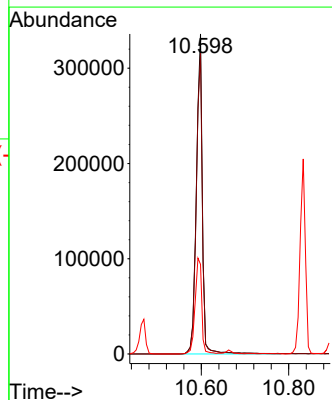
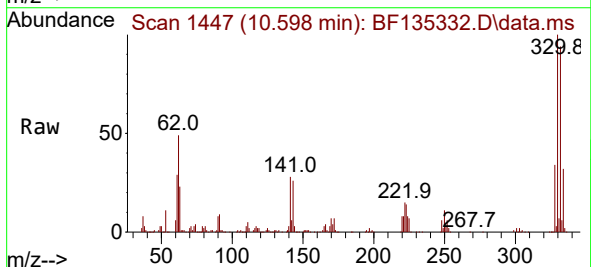
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

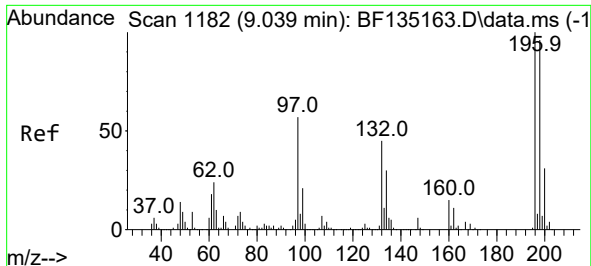
Tgt Ion:237 Resp: 248752
Ion Ratio Lower Upper
237 100
235 62.6 41.8 81.8
272 13.5 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 148.601 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

Tgt Ion:330 Resp: 320139
Ion Ratio Lower Upper
330 100
332 95.3 77.3 115.9
141 33.2 25.8 38.8

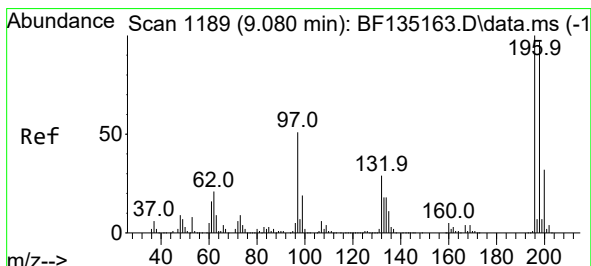
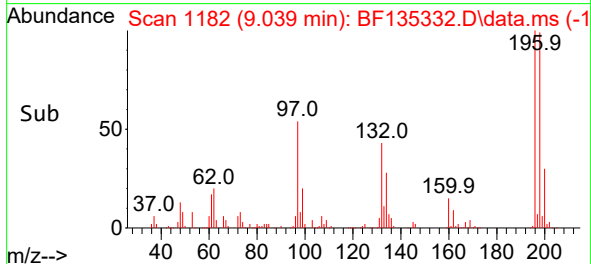
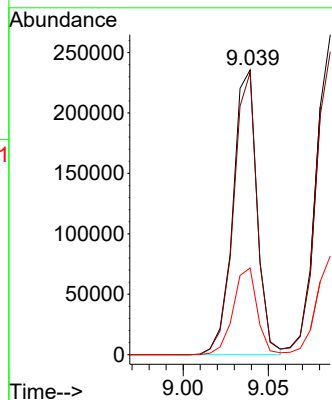
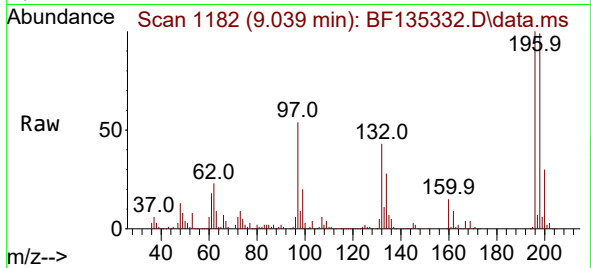




#43
 2,4,6-Trichlorophenol
 Concen: 56.456 ng
 RT: 9.039 min Scan# 1182
 Delta R.T. 0.000 min
 Lab File: BF135332.D
 Acq: 19 Sep 2023 13:41

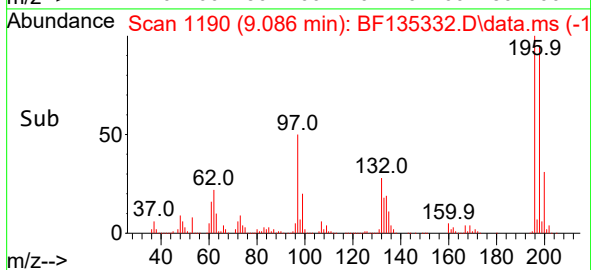
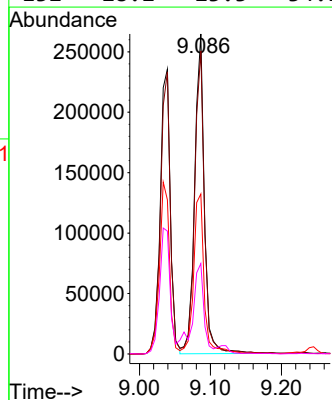
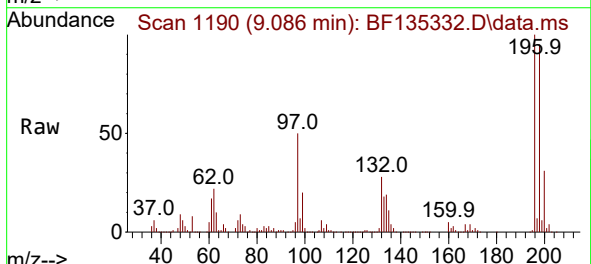
Instrument :
 BNA_F
 ClientSampleId :
 PB155592BSD

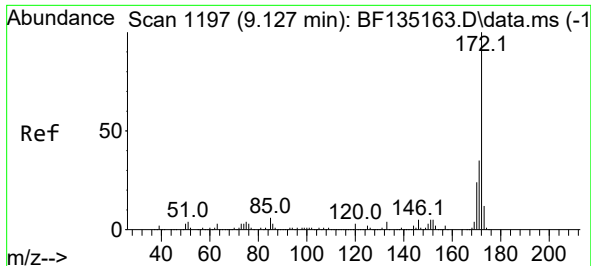
Tgt Ion:196 Resp: 232155
 Ion Ratio Lower Upper
 196 100
 198 99.0 77.0 115.6
 200 30.4 24.5 36.7



#44
 2,4,5-Trichlorophenol
 Concen: 53.526 ng
 RT: 9.086 min Scan# 1190
 Delta R.T. 0.006 min
 Lab File: BF135332.D
 Acq: 19 Sep 2023 13:41

Tgt Ion:196 Resp: 253477
 Ion Ratio Lower Upper
 196 100
 198 94.7 77.5 116.3
 97 50.0 40.5 60.7
 132 28.2 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 99.285 ng

RT: 9.122 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF135332.D

Acq: 19 Sep 2023 13:41

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

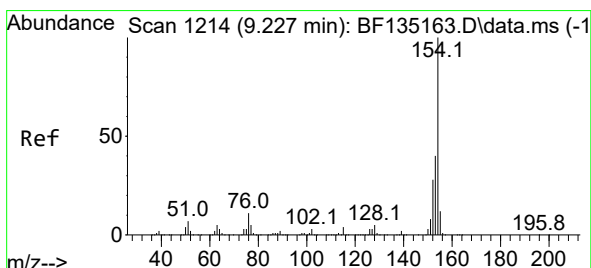
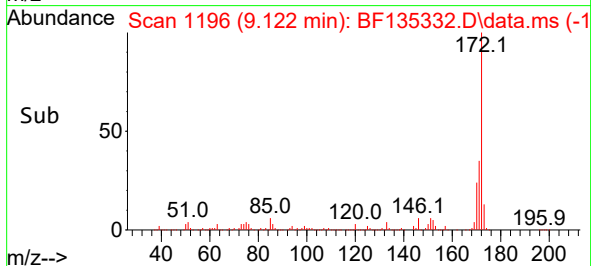
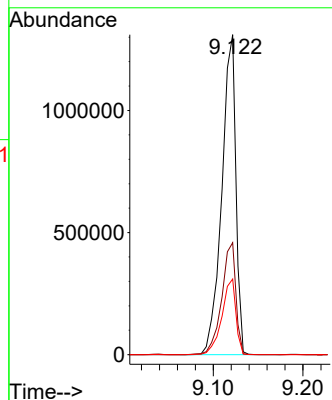
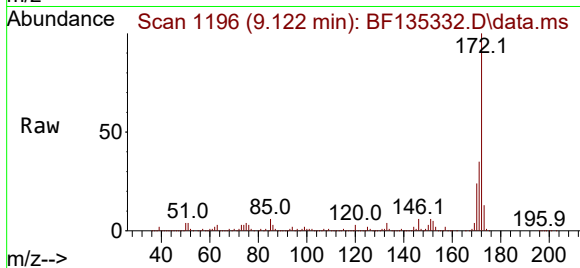
Tgt Ion:172 Resp: 1426637

Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.6 19.0 28.4



#46

1,1'-Biphenyl

Concen: 54.812 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF135332.D

Acq: 19 Sep 2023 13:41

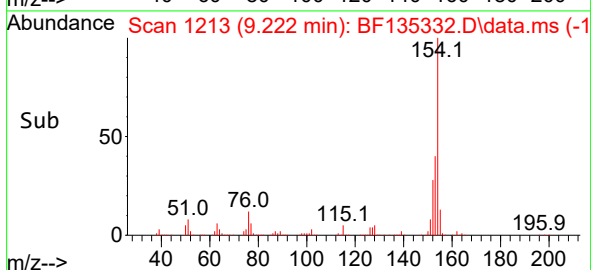
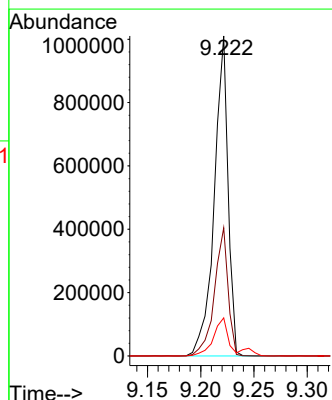
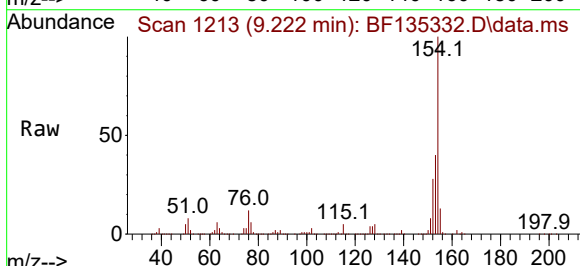
Tgt Ion:154 Resp: 913156

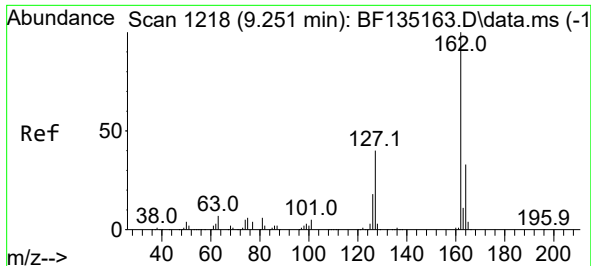
Ion Ratio Lower Upper

154 100

153 40.1 19.6 59.6

76 11.9 0.0 31.0

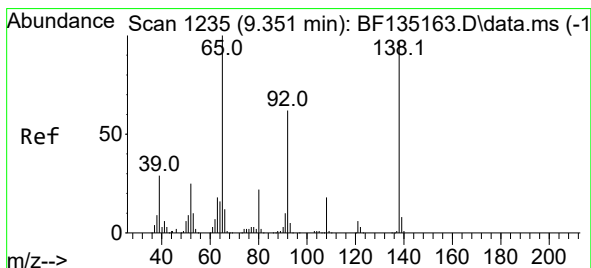
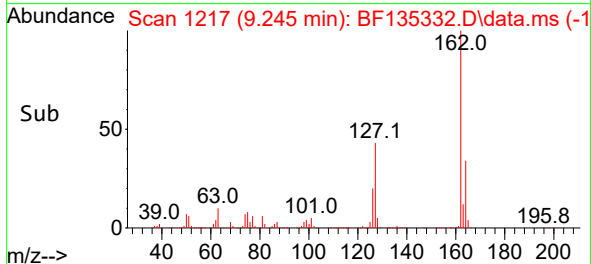
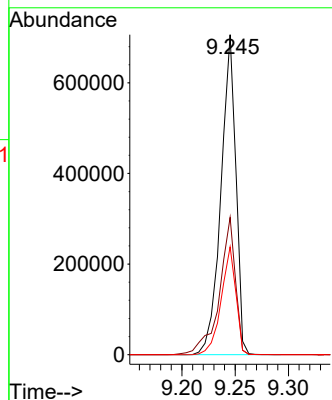
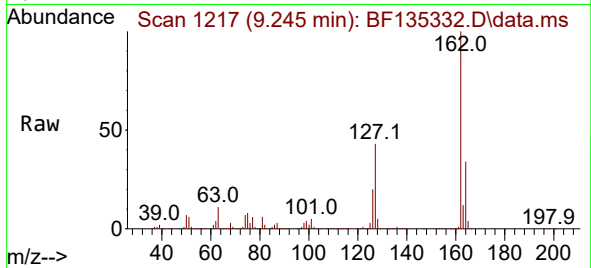




#47
2-Chloronaphthalene
Concen: 56.744 ng
RT: 9.245 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

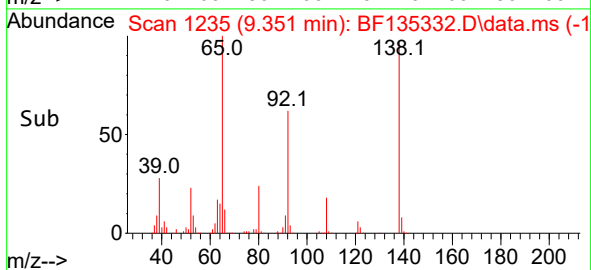
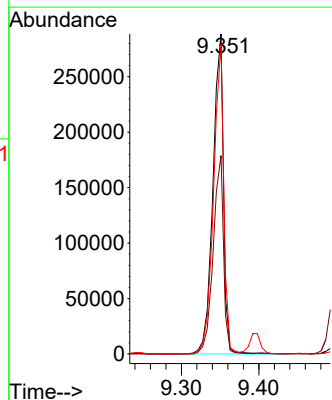
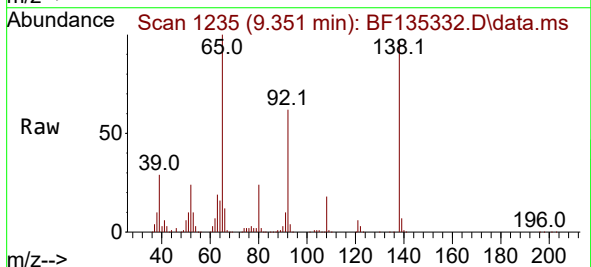
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

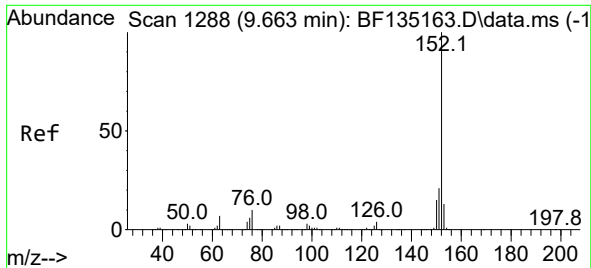
Tgt Ion:162 Resp: 685911
Ion Ratio Lower Upper
162 100
127 42.9 32.6 48.8
164 33.7 26.2 39.2



#48
2-Nitroaniline
Concen: 58.100 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

Tgt Ion: 65 Resp: 272839
Ion Ratio Lower Upper
65 100
92 62.0 49.4 74.0
138 96.7 77.4 116.0





#49

Acenaphthylene

Concen: 55.321 ng

RT: 9.663 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135332.D

Acq: 19 Sep 2023 13:41

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

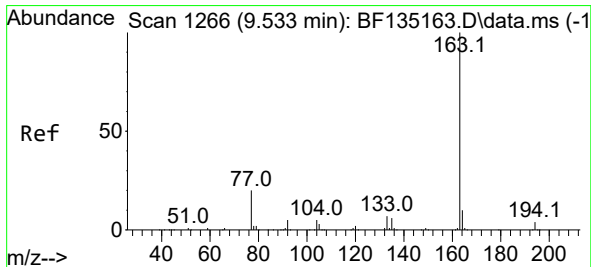
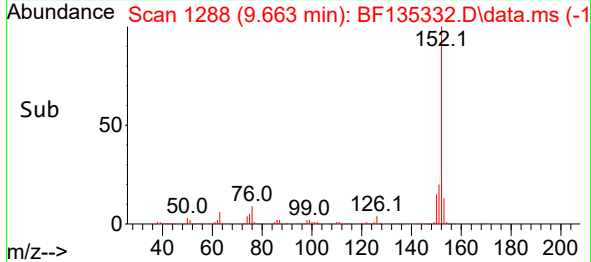
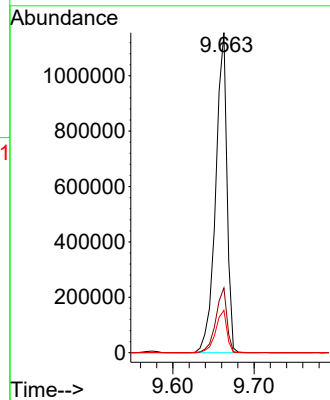
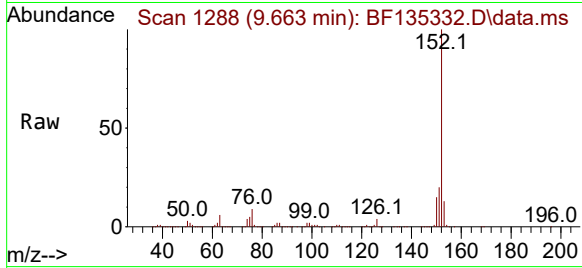
Tgt Ion:152 Resp: 1111339

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 56.198 ng

RT: 9.527 min Scan# 1265

Delta R.T. -0.006 min

Lab File: BF135332.D

Acq: 19 Sep 2023 13:41

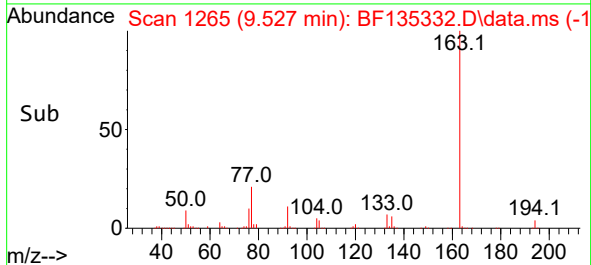
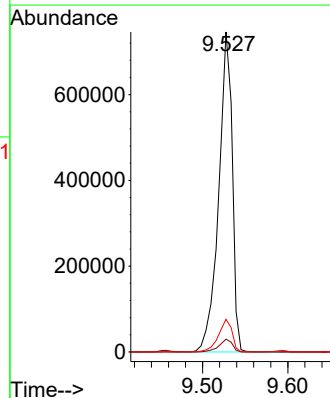
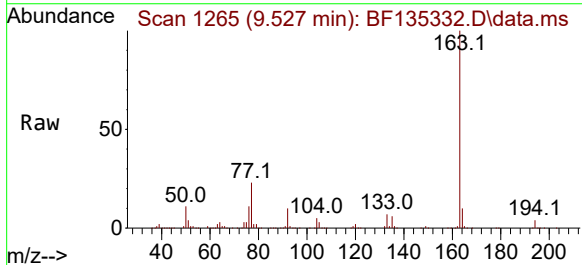
Tgt Ion:163 Resp: 823699

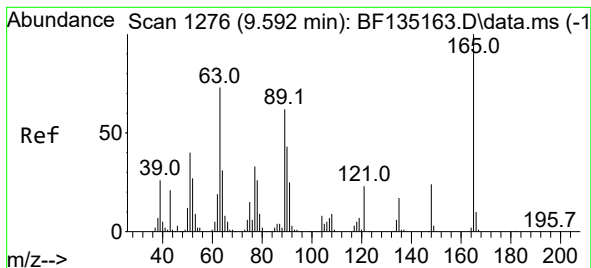
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 59.171 ng

RT: 9.592 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135332.D

Acq: 19 Sep 2023 13:41

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

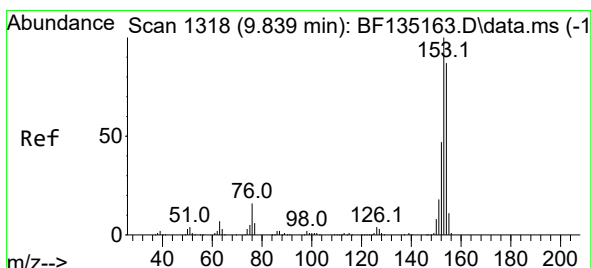
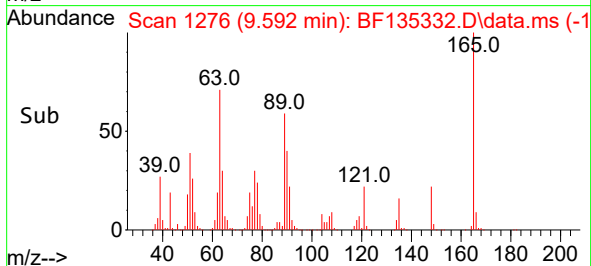
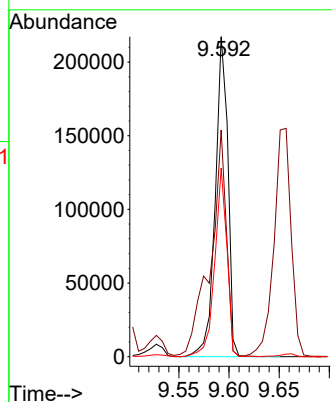
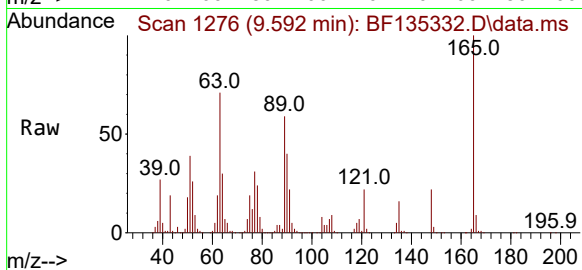
Tgt Ion:165 Resp: 189992

Ion Ratio Lower Upper

165 100

63 70.9 59.4 89.2

89 58.9 49.8 74.8



#52

Acenaphthene

Concen: 54.623 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF135332.D

Acq: 19 Sep 2023 13:41

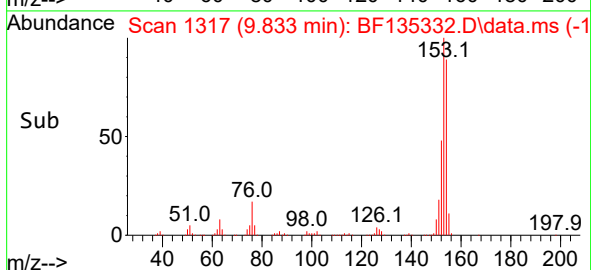
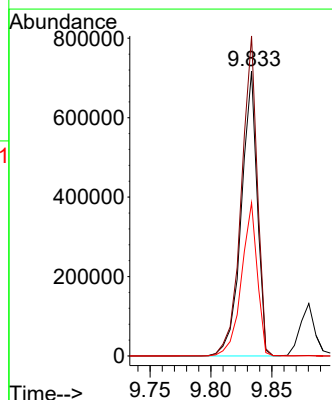
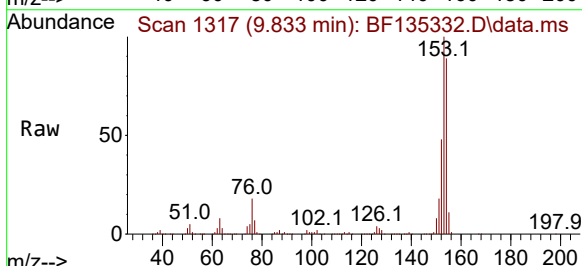
Tgt Ion:154 Resp: 648237

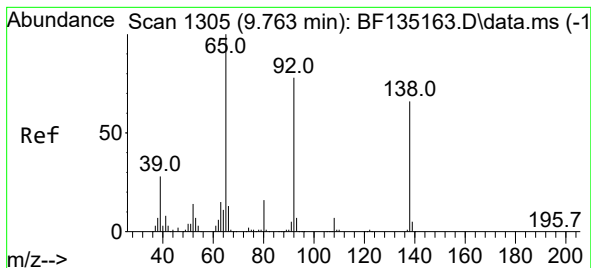
Ion Ratio Lower Upper

154 100

153 112.3 92.1 138.1

152 53.8 43.1 64.7





#53

3-Nitroaniline

Concen: 42.201 ng

RT: 9.763 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135332.D

Acq: 19 Sep 2023 13:41

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

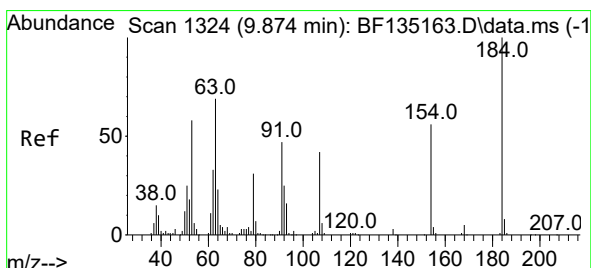
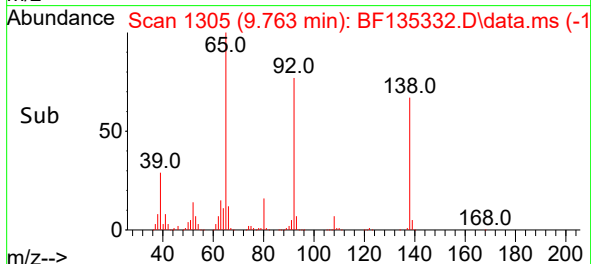
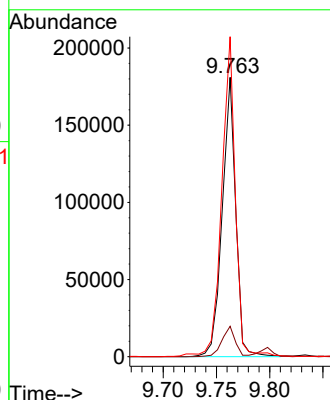
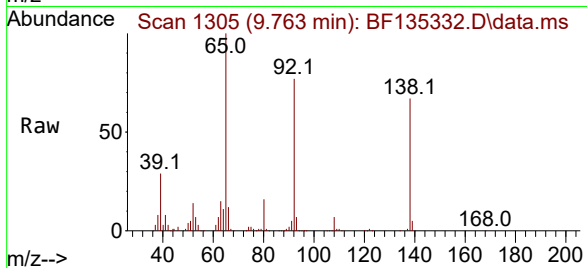
Tgt Ion:138 Resp: 159059

Ion Ratio Lower Upper

138 100

108 10.9 8.5 12.7

92 114.6 95.4 143.0



#54

2,4-Dinitrophenol

Concen: 106.878 ng

RT: 9.880 min Scan# 1325

Delta R.T. 0.006 min

Lab File: BF135332.D

Acq: 19 Sep 2023 13:41

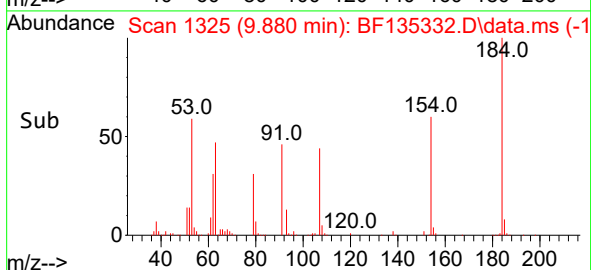
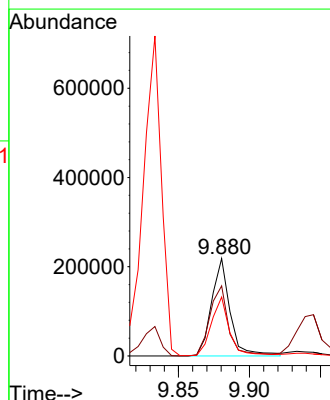
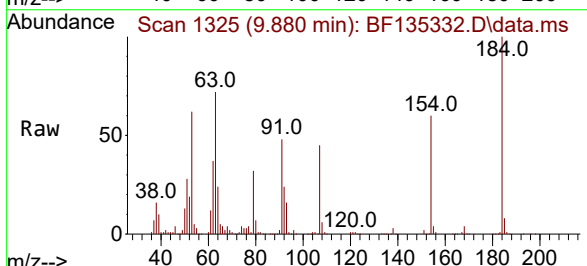
Tgt Ion:184 Resp: 198968

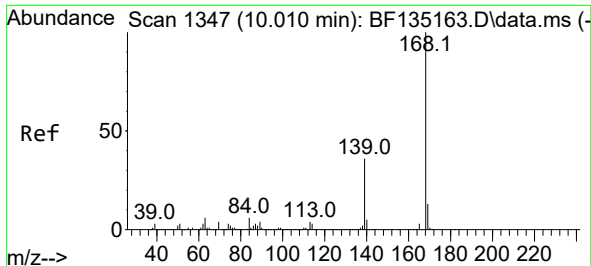
Ion Ratio Lower Upper

184 100

63 71.9 55.1 82.7

154 60.5 48.4 72.6

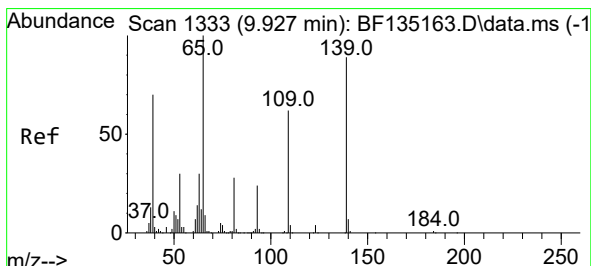
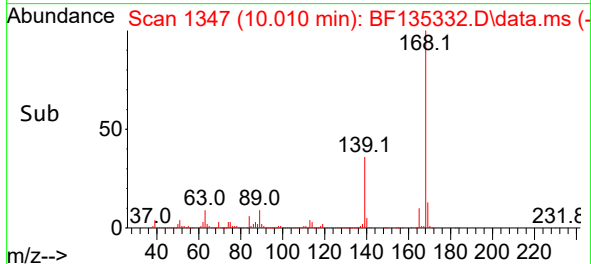
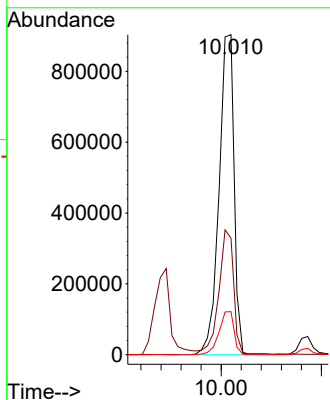
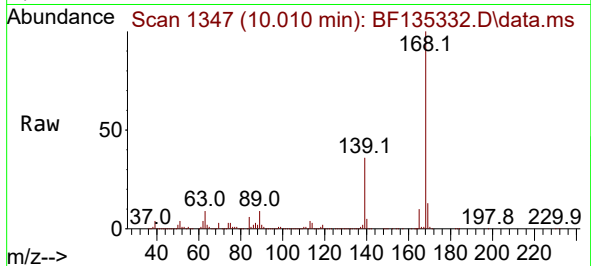




#55
Dibenzenofuran
Concen: 51.806 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

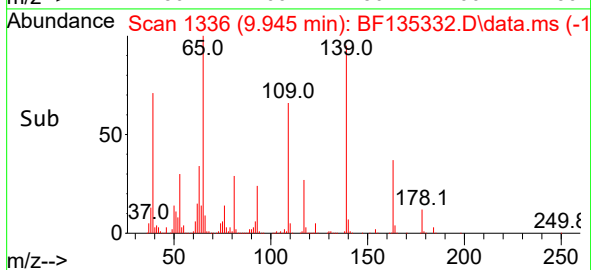
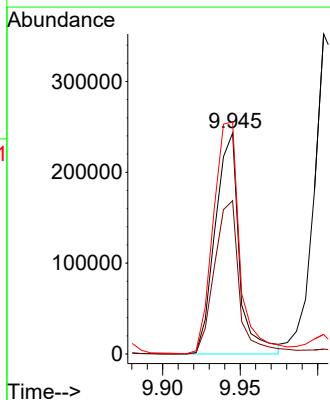
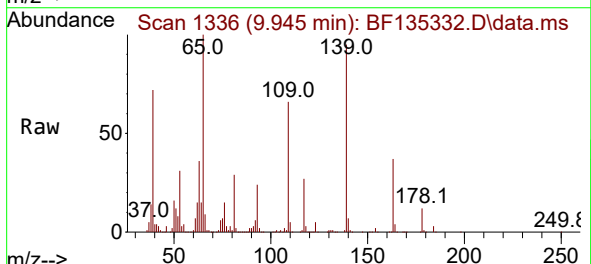
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

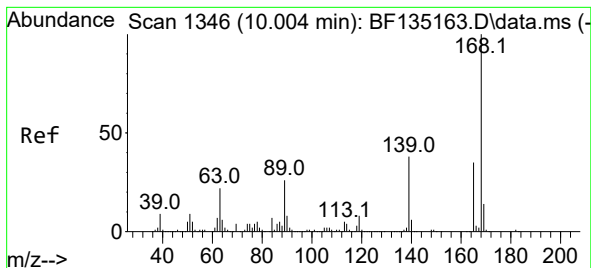
Tgt Ion:168 Resp: 938176
Ion Ratio Lower Upper
168 100
139 36.4 29.0 43.6
169 13.5 10.4 15.6



#56
4-Nitrophenol
Concen: 110.078 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.018 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

Tgt Ion:139 Resp: 263684
Ion Ratio Lower Upper
139 100
109 69.4 49.8 89.8
65 105.1 92.7 132.7

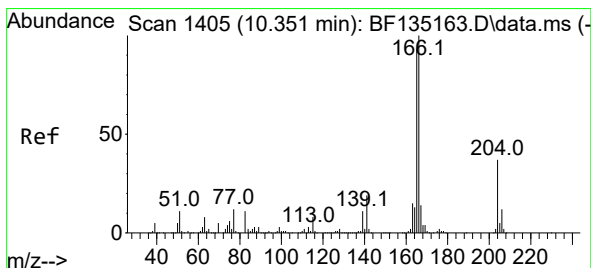
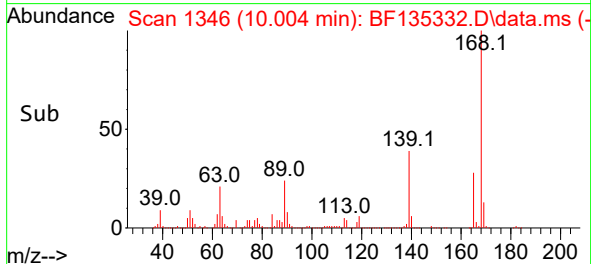
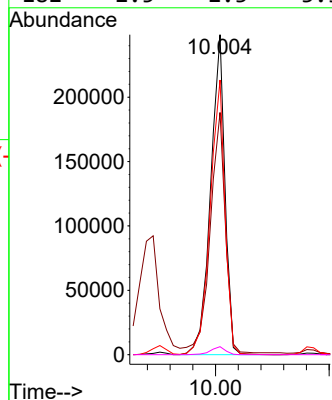
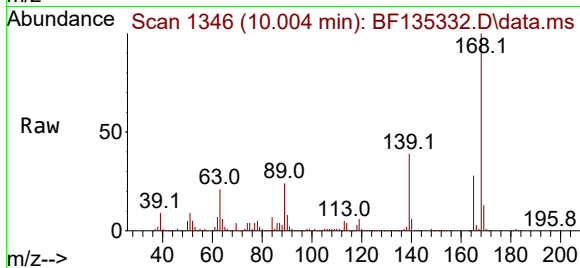




#57
2,4-Dinitrotoluene
Concen: 54.068 ng
RT: 10.004 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

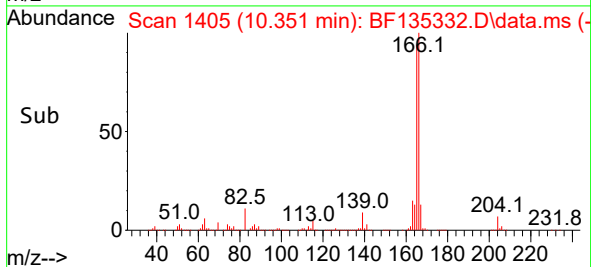
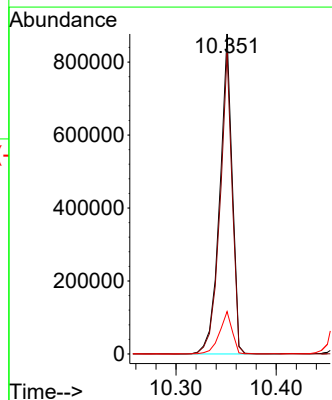
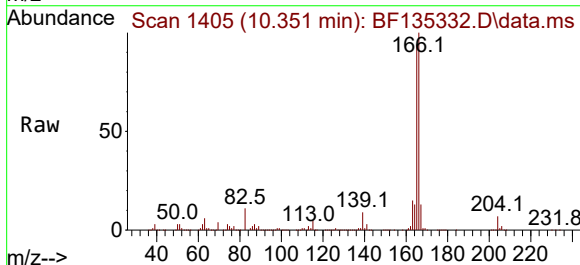
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

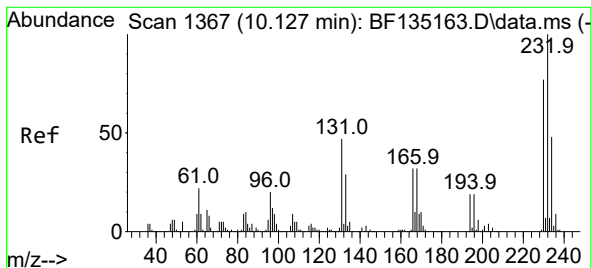
Tgt Ion:165 Resp: 217341
Ion Ratio Lower Upper
165 100
63 75.7 50.1 75.1#
89 85.8 59.3 88.9
182 2.5 2.3 3.5



#58
Fluorene
Concen: 53.938 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

Tgt Ion:166 Resp: 750915
Ion Ratio Lower Upper
166 100
165 94.1 74.3 111.5
167 13.3 10.9 16.3

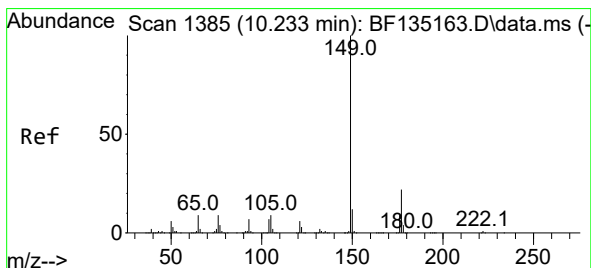
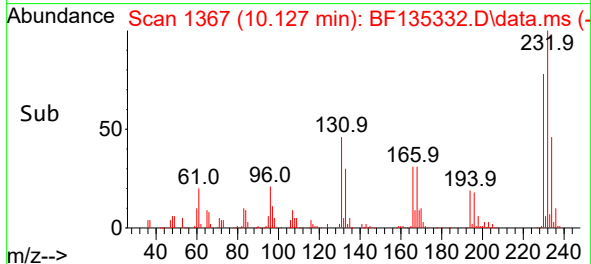
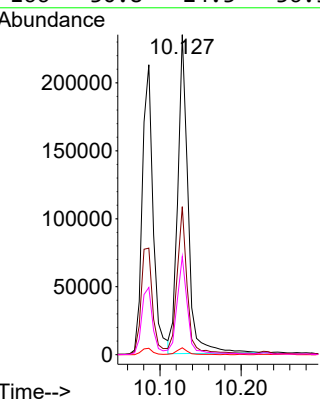
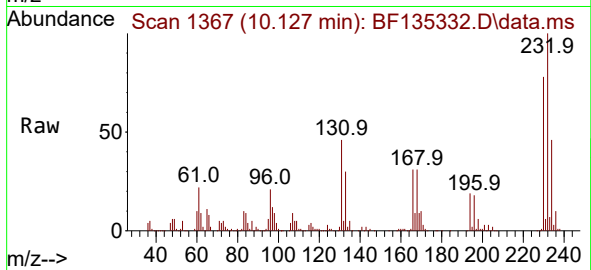




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.995 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

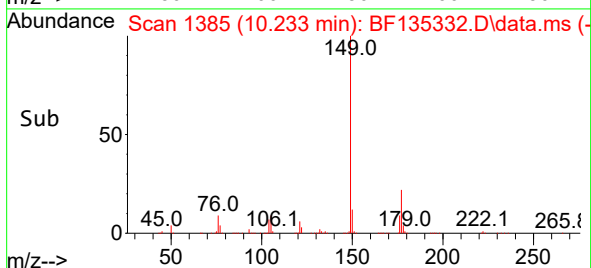
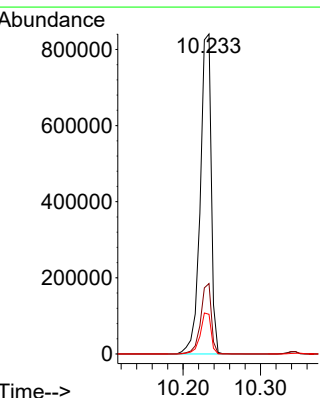
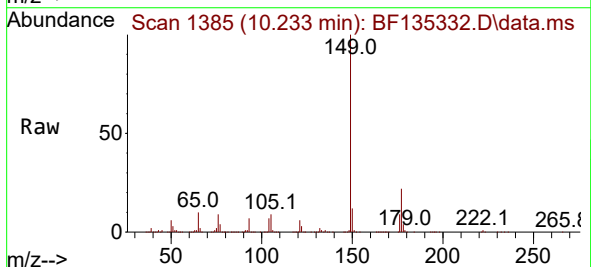
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

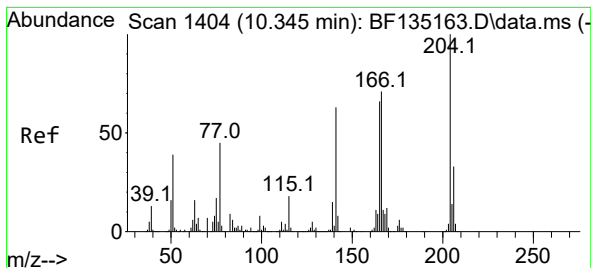
Tgt Ion:232 Resp: 207623
Ion Ratio Lower Upper
232 100
131 45.5 35.4 53.2
130 2.4 1.8 2.8
166 30.8 24.3 36.5



#60
Diethylphthalate
Concen: 56.088 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

Tgt Ion:149 Resp: 825034
Ion Ratio Lower Upper
149 100
177 22.0 17.8 26.6
150 12.4 10.0 15.0

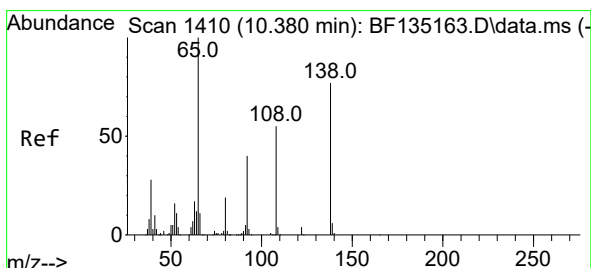
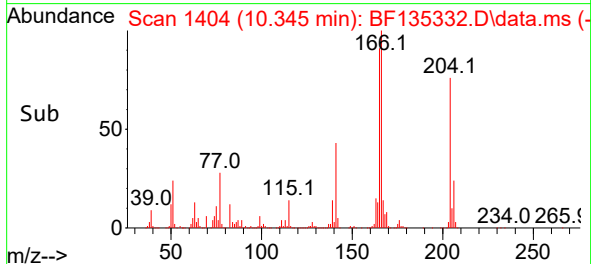
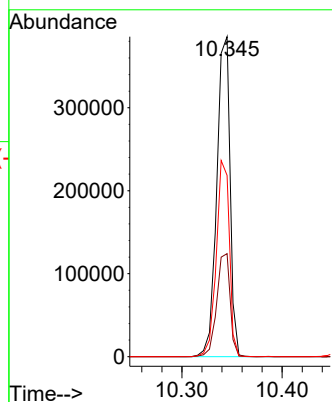
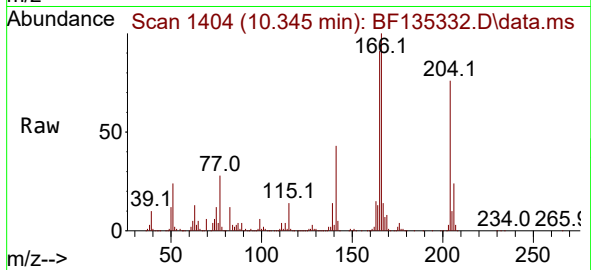




#61
4-Chlorophenyl-phenylether
Concen: 53.138 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

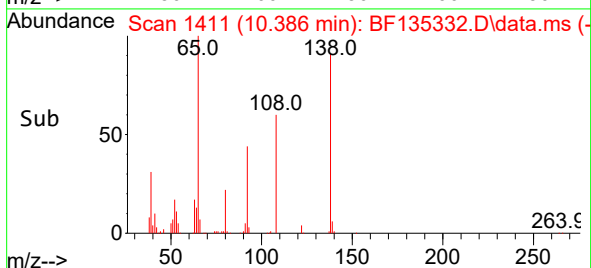
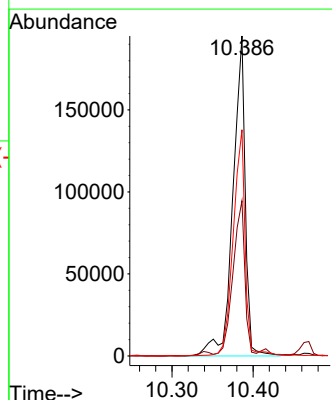
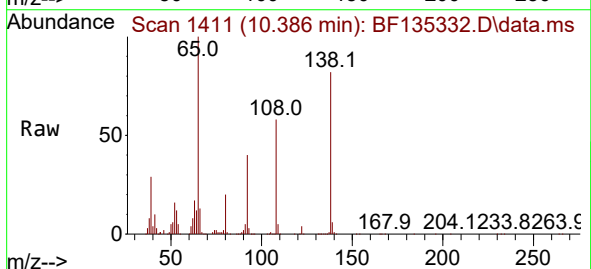
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

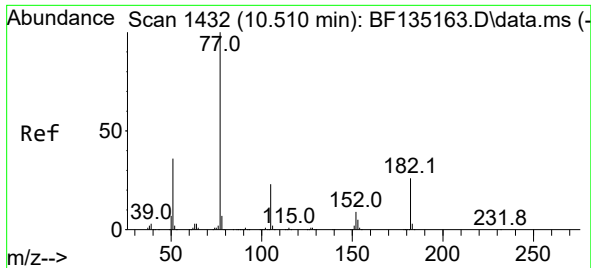
Tgt Ion:204 Resp: 355368
Ion Ratio Lower Upper
204 100
206 32.2 26.7 40.1
141 56.7 50.6 75.8



#62
4-Nitroaniline
Concen: 56.842 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

Tgt Ion:138 Resp: 205936
Ion Ratio Lower Upper
138 100
92 48.5 31.8 71.8
108 70.7 52.0 92.0

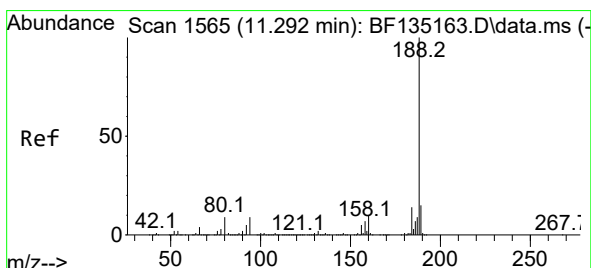
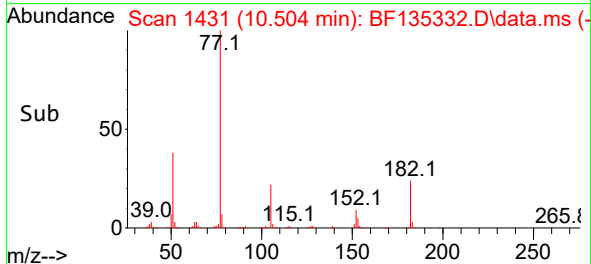
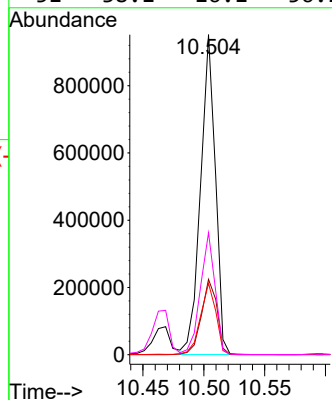
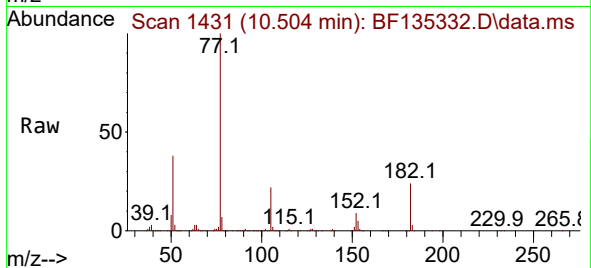




#63
Azobenzene
Concen: 56.043 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

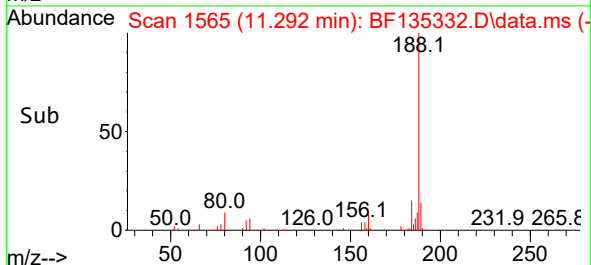
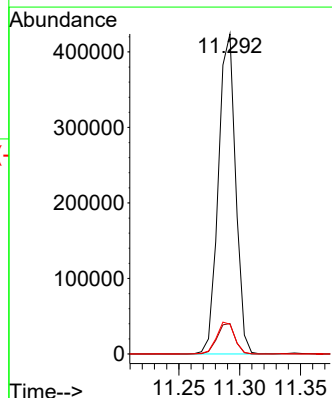
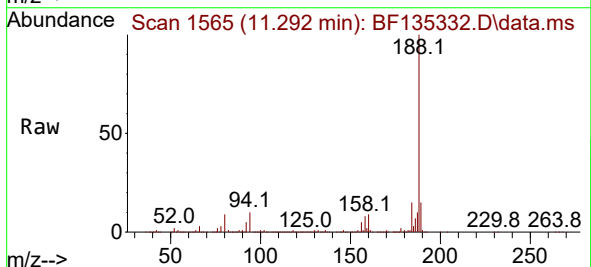
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

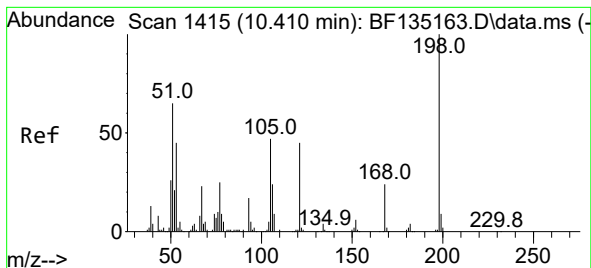
Tgt Ion: 77	Resp: 806808
Ion Ratio	Lower Upper
77 100	
182 23.6	6.4 46.4
105 22.3	3.1 43.1
51 38.1	16.1 56.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

Tgt Ion:188	Resp: 419785
Ion Ratio	Lower Upper
188 100	
94 9.5	7.0 10.6
80 9.3	7.5 11.3

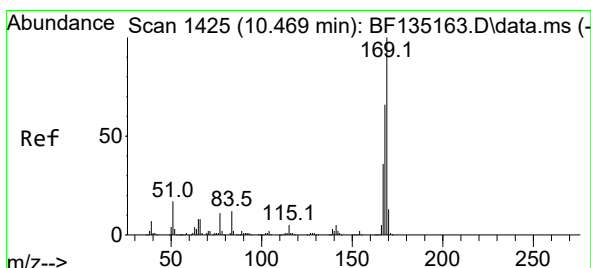
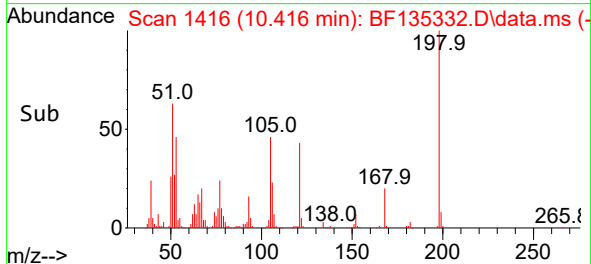
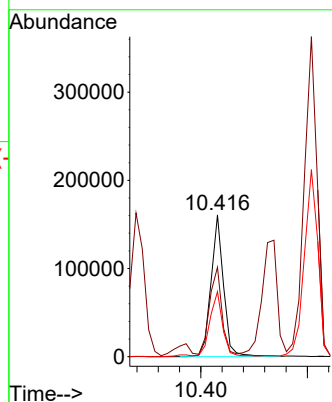
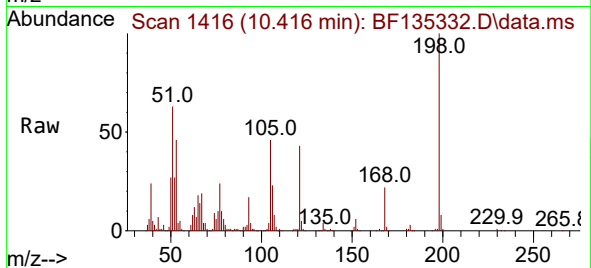




#65
4,6-Dinitro-2-methylphenol
Concen: 58.987 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

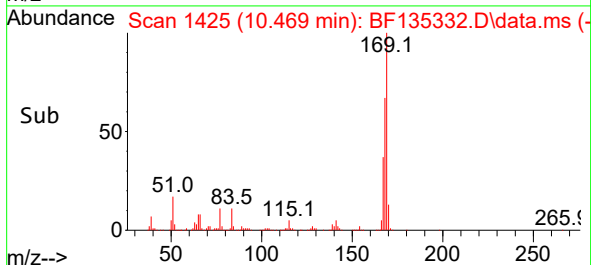
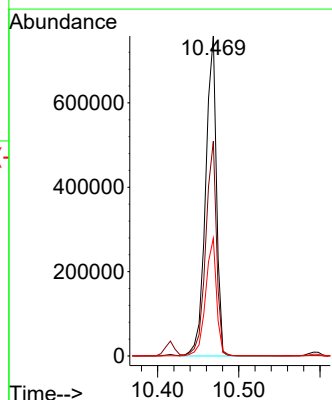
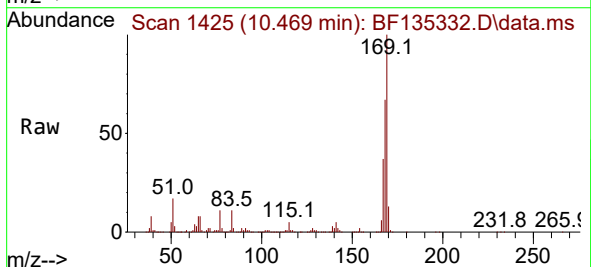
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

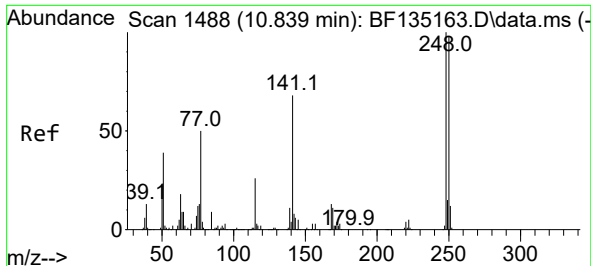
Tgt Ion:198 Resp: 131518
Ion Ratio Lower Upper
198 100
51 63.1 47.7 87.7
105 45.8 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 55.344 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

Tgt Ion:169 Resp: 703358
Ion Ratio Lower Upper
169 100
168 67.1 52.8 79.2
167 36.7 29.0 43.6

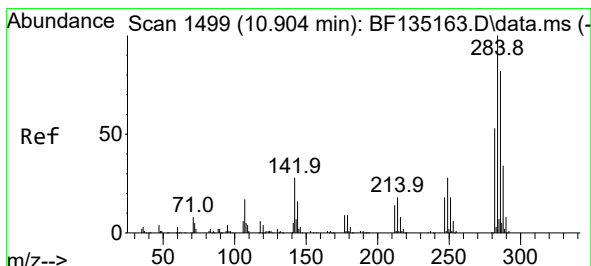
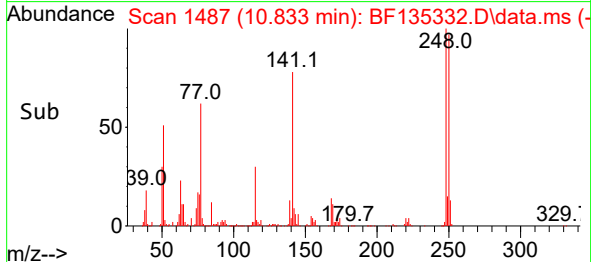
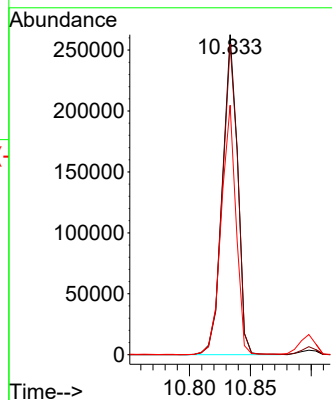
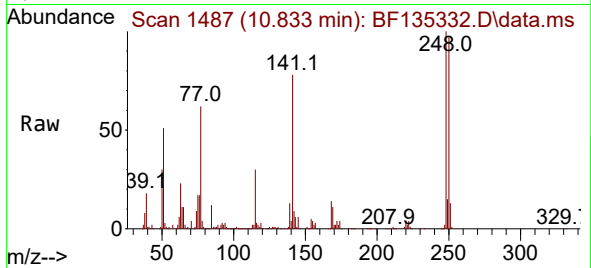




#67
4-Bromophenyl-phenylether
Concen: 54.680 ng
RT: 10.833 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

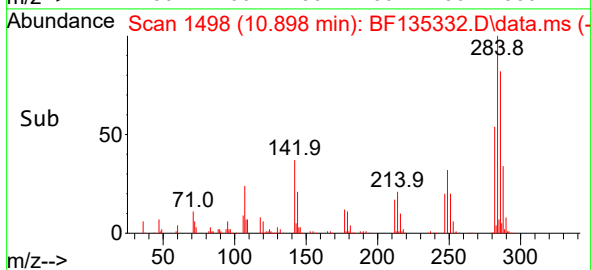
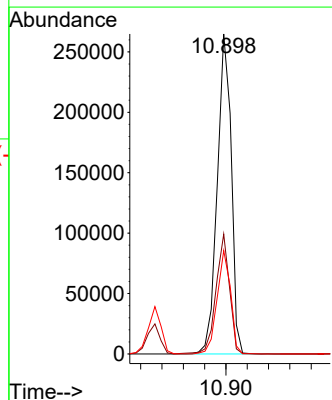
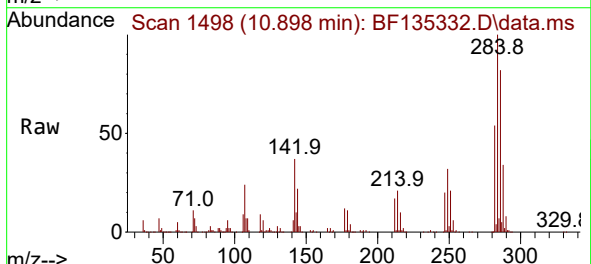
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

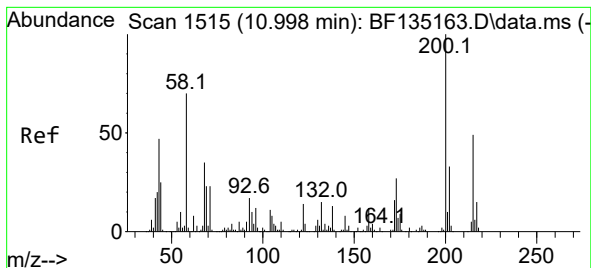
Tgt Ion:248 Resp: 228294
Ion Ratio Lower Upper
248 100
250 97.1 78.6 117.8
141 78.0 54.2 81.2



#68
Hexachlorobenzene
Concen: 56.415 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

Tgt Ion:284 Resp: 239957
Ion Ratio Lower Upper
284 100
142 37.5 22.2 33.4#
249 32.3 22.5 33.7





#69

Atrazine

Concen: 65.640 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF135332.D

Acq: 19 Sep 2023 13:41

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

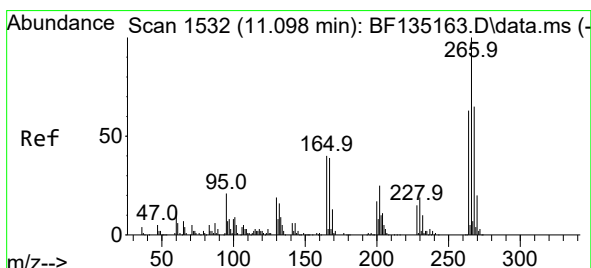
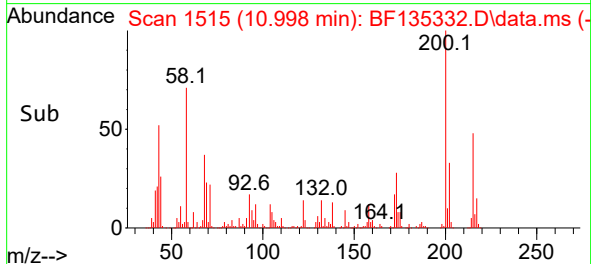
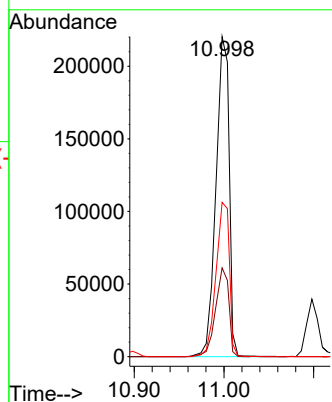
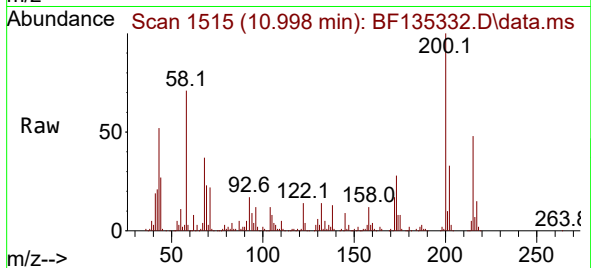
Tgt Ion:200 Resp: 224462

Ion Ratio Lower Upper

200 100

173 27.8 7.4 47.4

215 48.3 28.6 68.6



#70

Pentachlorophenol

Concen: 86.447 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF135332.D

Acq: 19 Sep 2023 13:41

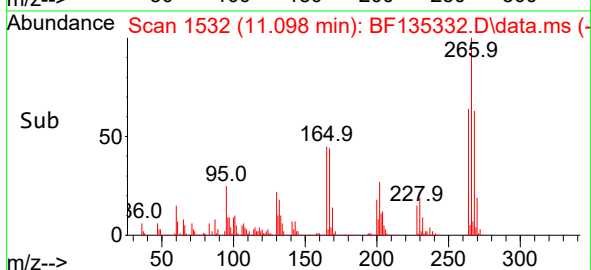
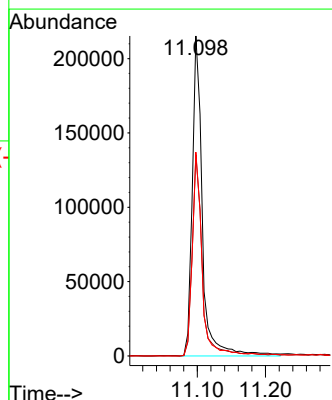
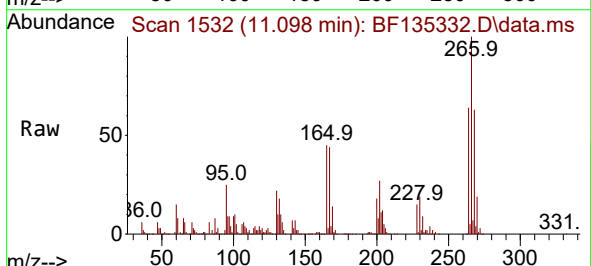
Tgt Ion:266 Resp: 219994

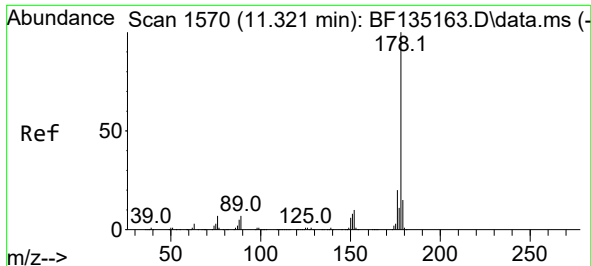
Ion Ratio Lower Upper

266 100

268 62.8 52.1 78.1

264 63.7 50.8 76.2

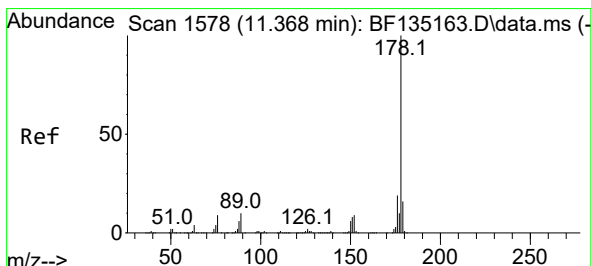
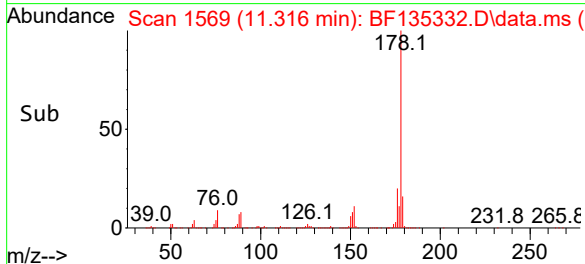
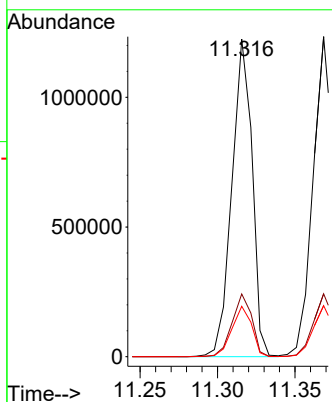
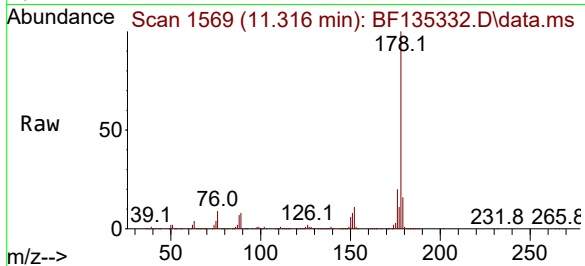




#71
Phenanthrene
Concen: 56.037 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

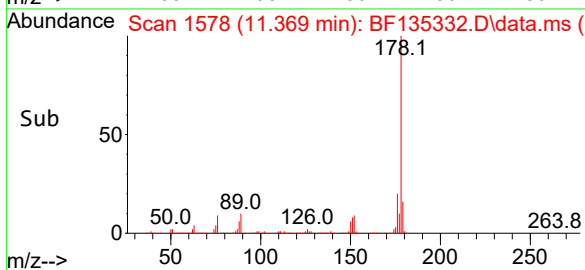
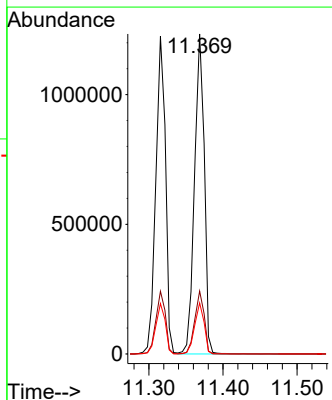
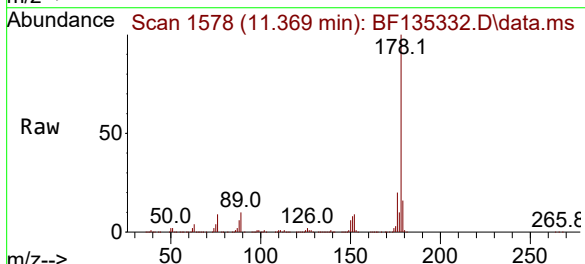
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

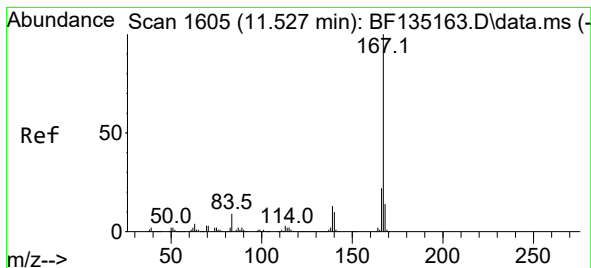
Tgt Ion:178 Resp: 1112566
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.9 12.0 18.0



#72
Anthracene
Concen: 55.306 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

Tgt Ion:178 Resp: 1128671
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 15.9 12.6 19.0





#73

Carbazole

Concen: 57.295 ng

RT: 11.527 min Scan# 1605

Delta R.T. 0.000 min

Lab File: BF135332.D

Acq: 19 Sep 2023 13:41

Instrument :

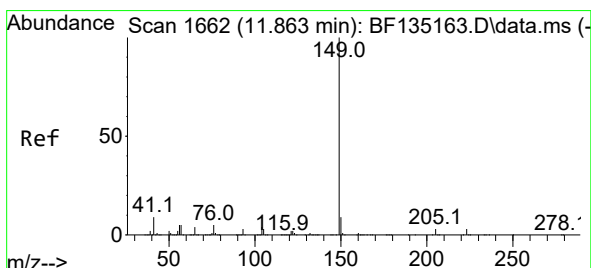
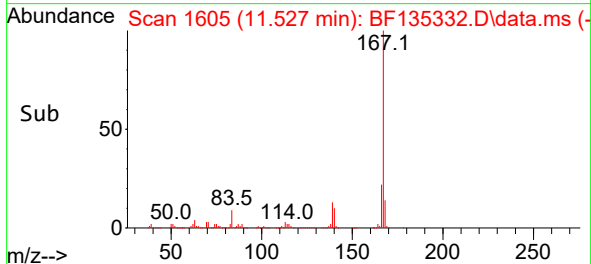
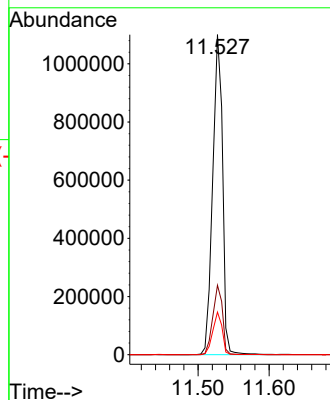
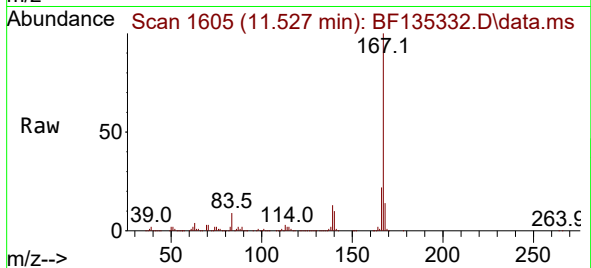
BNA_F

ClientSampleId :

PB155592BSD

Tgt Ion:167 Resp: 1064405

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	13.3	10.6	15.8



#74

Di-n-butylphthalate

Concen: 58.295 ng

RT: 11.863 min Scan# 1662

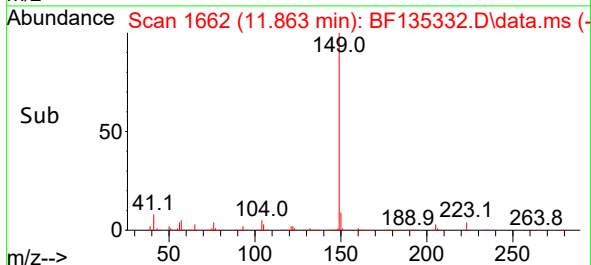
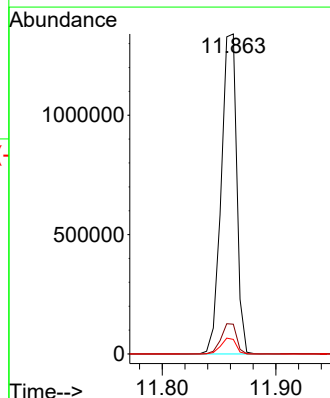
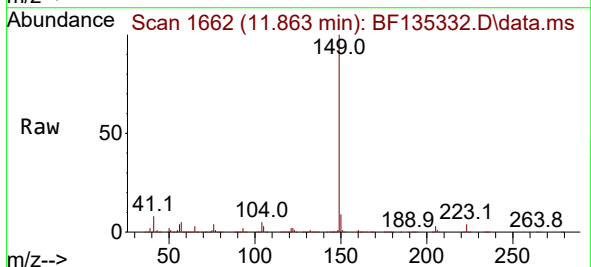
Delta R.T. 0.000 min

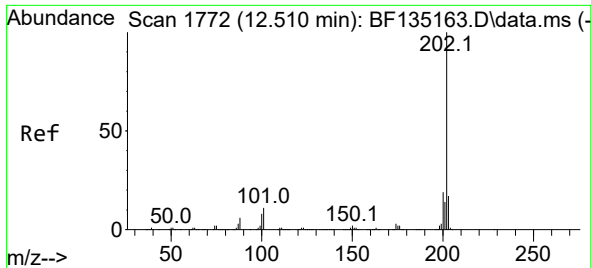
Lab File: BF135332.D

Acq: 19 Sep 2023 13:41

Tgt Ion:149 Resp: 1276138

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	4.5	3.6	5.4

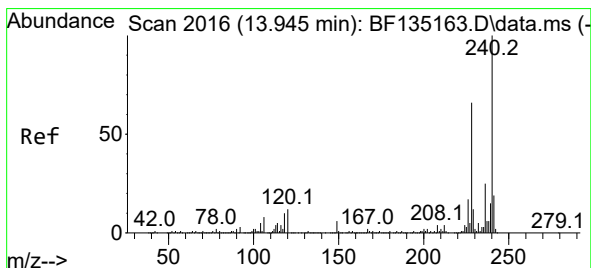
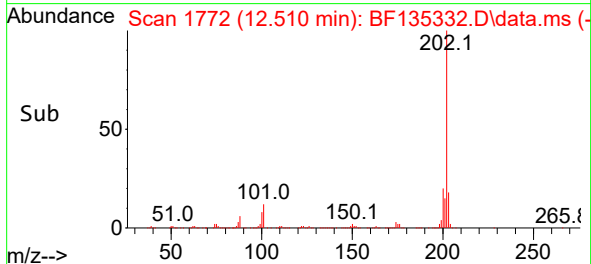
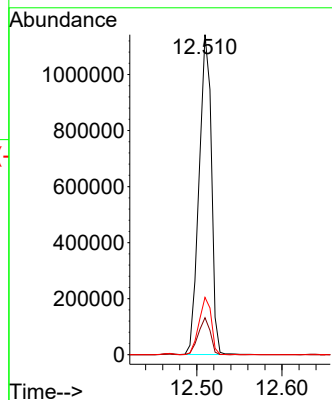
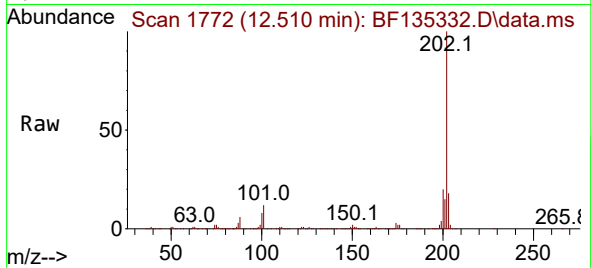




#75
Fluoranthene
Concen: 55.472 ng
RT: 12.510 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

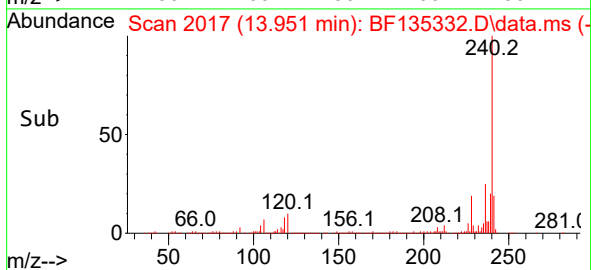
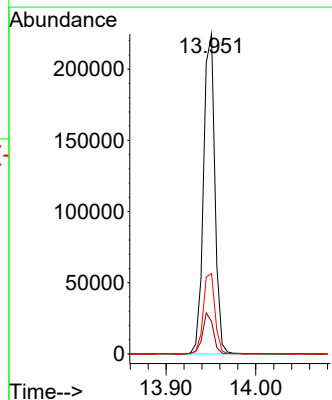
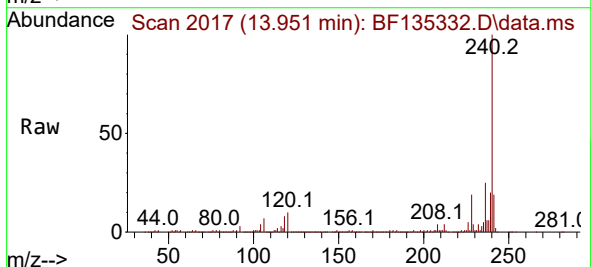
Instrument :
BNA_F
ClientSampleId :
PB155592BSD

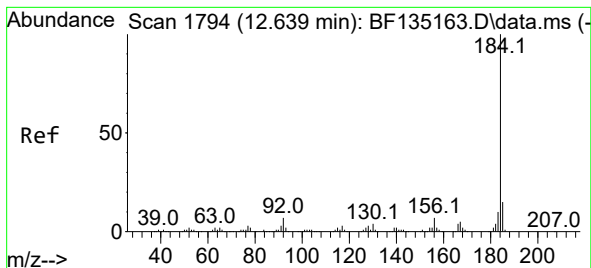
Tgt Ion:202 Resp: 1147583
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.3
203 17.9 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

Tgt Ion:240 Resp: 198651
Ion Ratio Lower Upper
240 100
120 10.1 9.4 14.2
236 25.1 19.8 29.8





#77

Benzidine

Concen: 69.243 ng

RT: 12.639 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135332.D

Acq: 19 Sep 2023 13:41

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

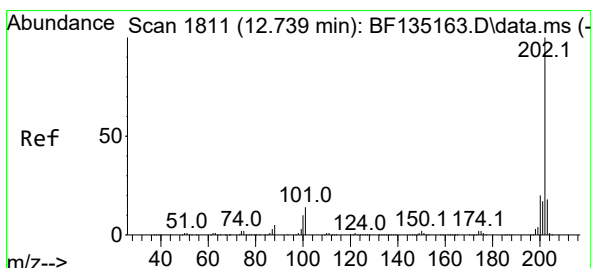
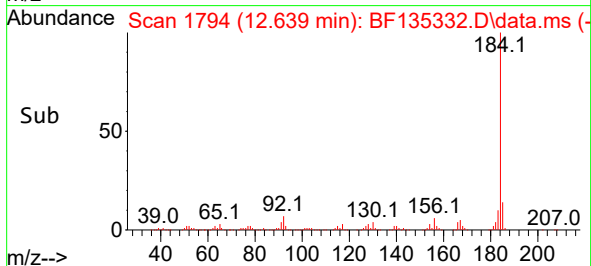
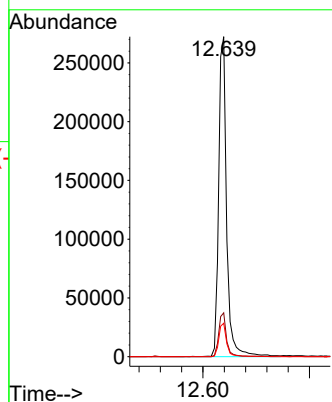
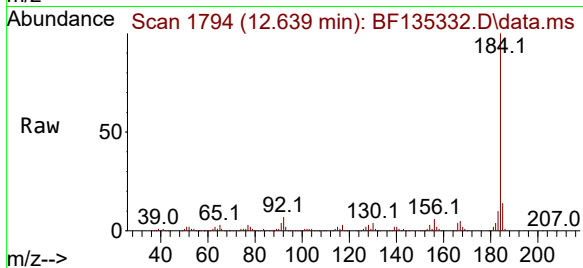
Tgt Ion:184 Resp: 281802

Ion Ratio Lower Upper

184 100

185 13.7 11.7 17.5

183 10.4 8.2 12.4



#78

Pyrene

Concen: 61.092 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF135332.D

Acq: 19 Sep 2023 13:41

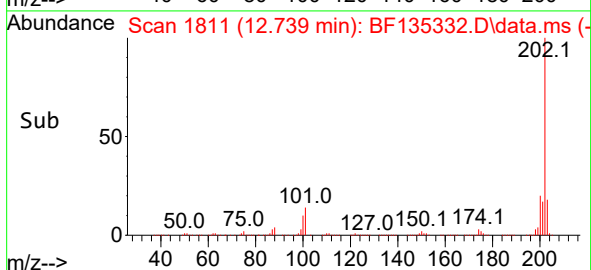
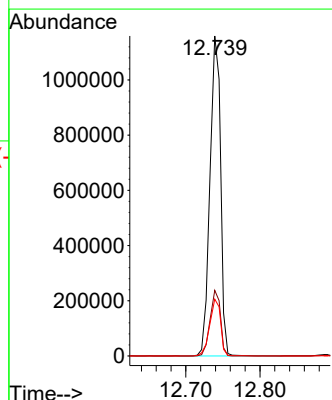
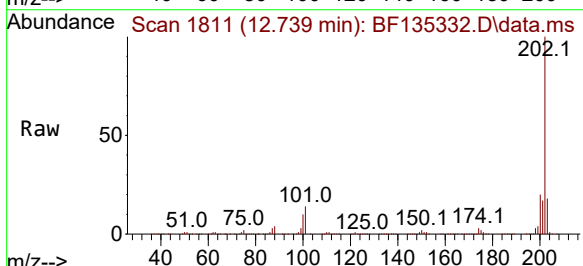
Tgt Ion:202 Resp: 1155429

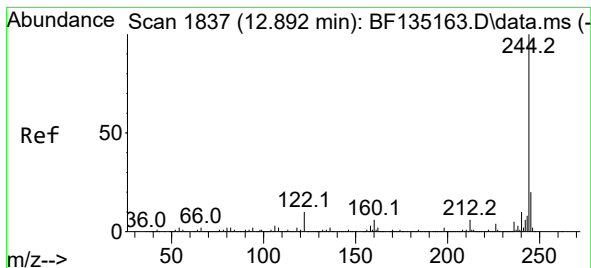
Ion Ratio Lower Upper

202 100

200 20.5 16.2 24.2

203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 109.590 ng

RT: 12.886 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF135332.D

Acq: 19 Sep 2023 13:41

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

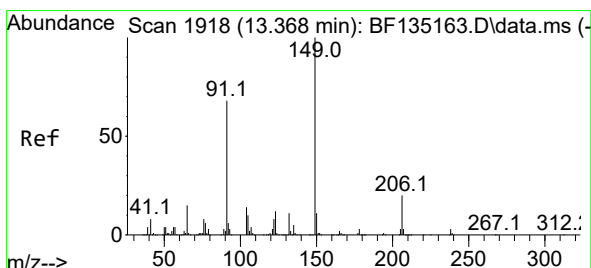
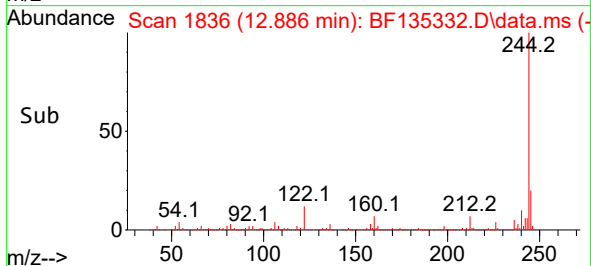
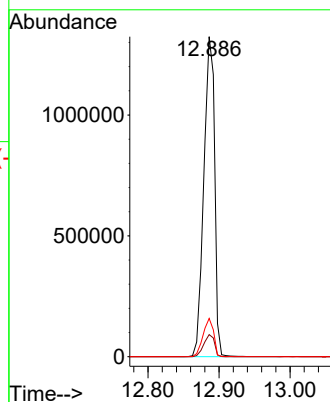
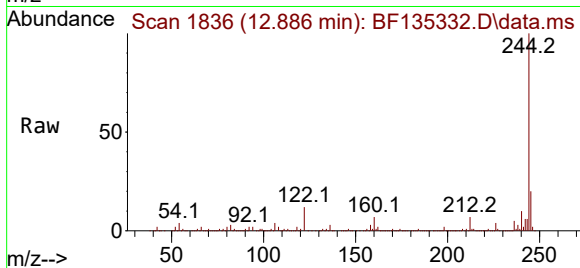
Tgt Ion:244 Resp: 1404352

Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

122 12.0 7.9 11.9#



#80

Butylbenzylphthalate

Concen: 66.393 ng

RT: 13.368 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF135332.D

Acq: 19 Sep 2023 13:41

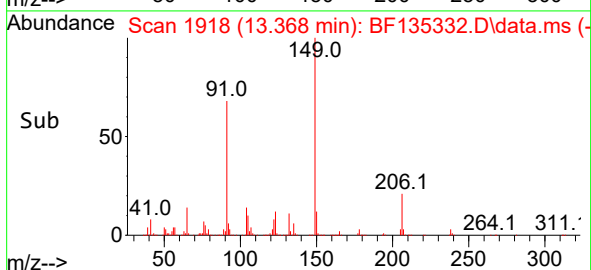
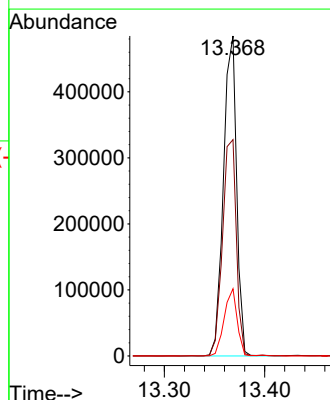
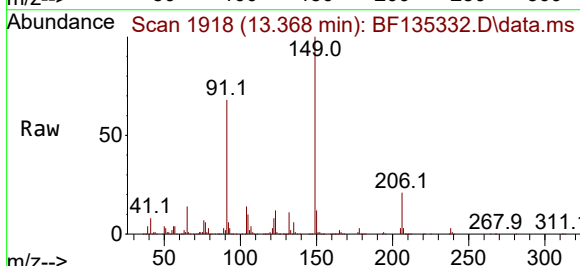
Tgt Ion:149 Resp: 442113

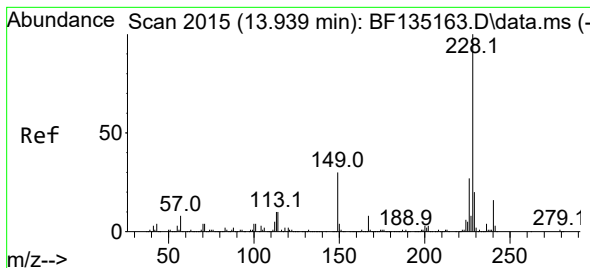
Ion Ratio Lower Upper

149 100

91 67.6 54.7 82.1

206 21.0 16.3 24.5





#81

Benzo(a)anthracene

Concen: 56.802 ng

RT: 13.939 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF135332.D

Acq: 19 Sep 2023 13:41

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

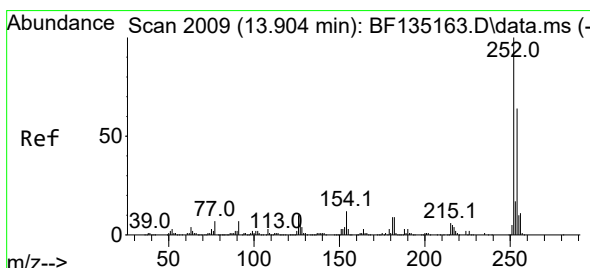
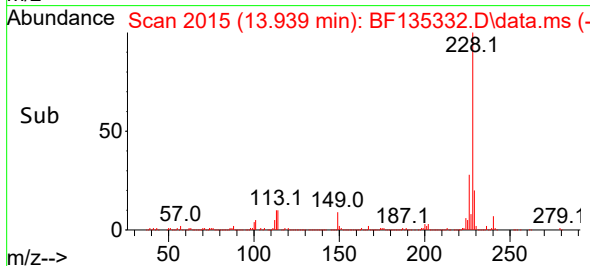
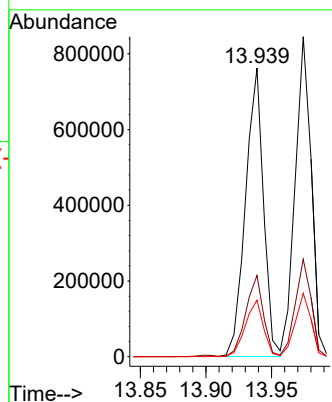
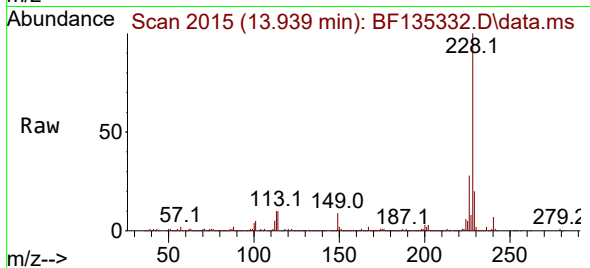
Tgt Ion:228 Resp: 728620

Ion Ratio Lower Upper

228 100

226 28.2 21.7 32.5

229 19.5 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 50.931 ng

RT: 13.904 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF135332.D

Acq: 19 Sep 2023 13:41

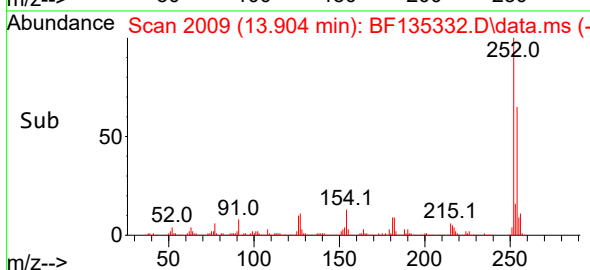
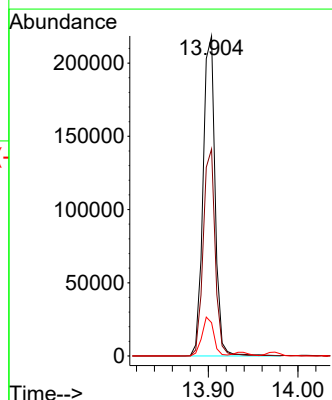
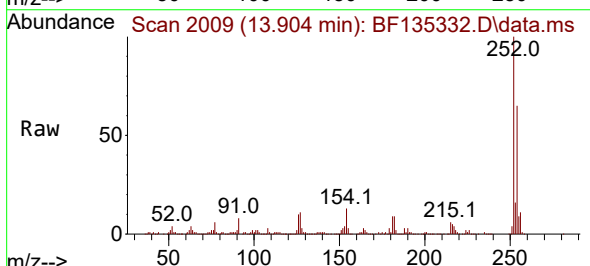
Tgt Ion:252 Resp: 204066

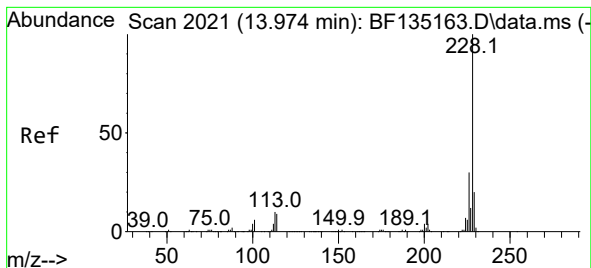
Ion Ratio Lower Upper

252 100

254 64.7 51.0 76.4

126 10.4 7.8 11.8





#83

Chrysene

Concen: 56.870 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF135332.D

Acq: 19 Sep 2023 13:41

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

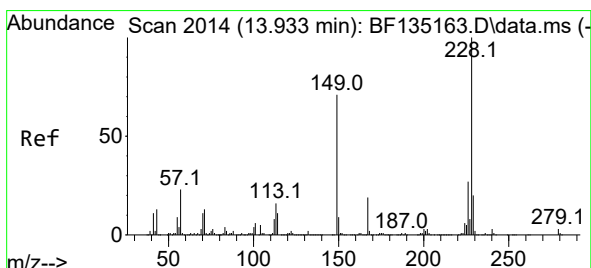
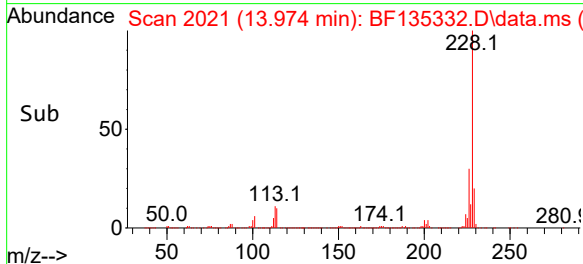
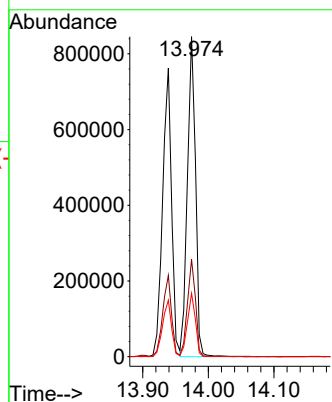
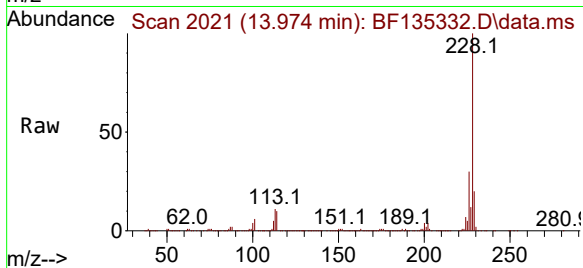
Tgt Ion:228 Resp: 725283

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 73.340 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF135332.D

Acq: 19 Sep 2023 13:41

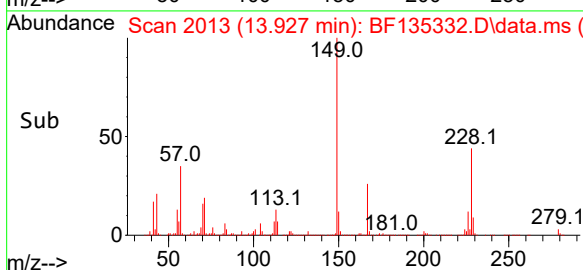
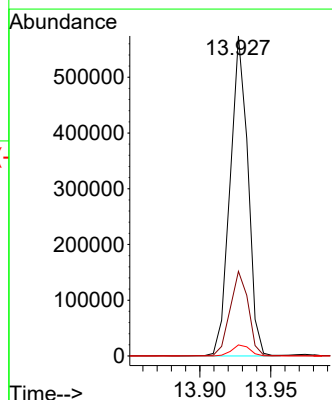
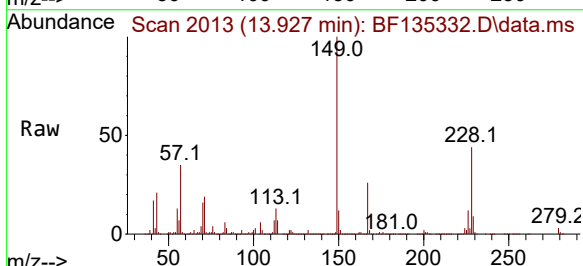
Tgt Ion:149 Resp: 501155

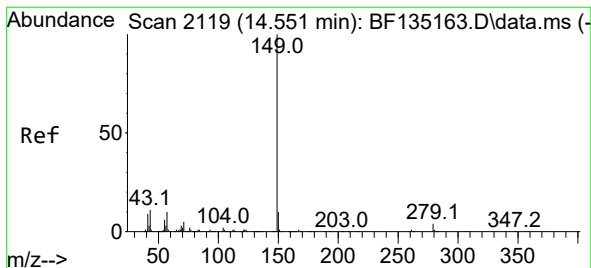
Ion Ratio Lower Upper

149 100

167 26.5 21.9 32.9

279 3.4 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 70.434 ng

RT: 14.545 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BF135332.D

Acq: 19 Sep 2023 13:41

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

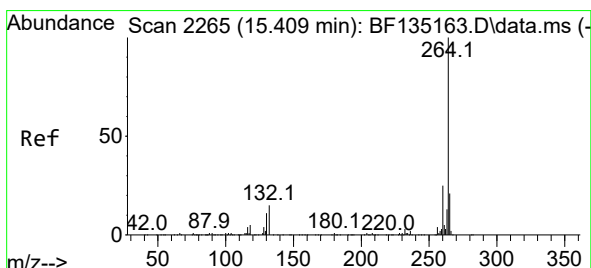
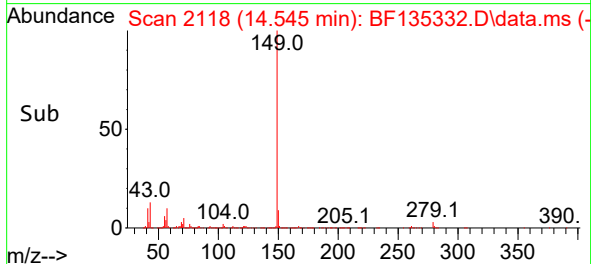
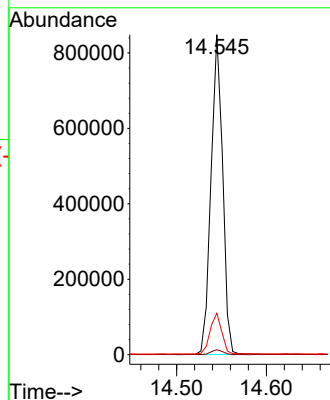
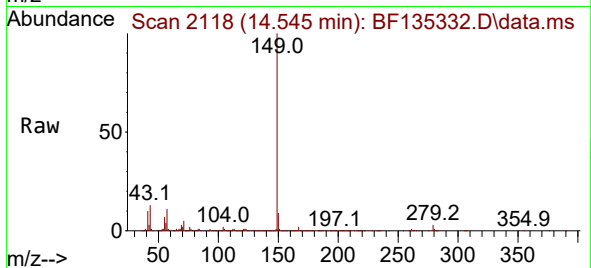
Tgt Ion:149 Resp: 764871

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 12.6 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: BF135332.D

Acq: 19 Sep 2023 13:41

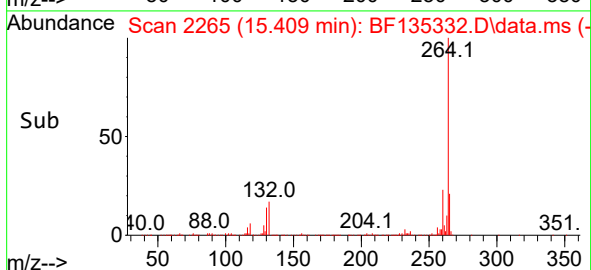
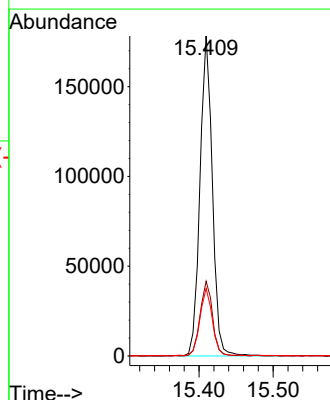
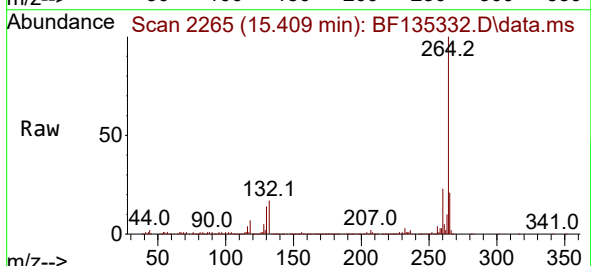
Tgt Ion:264 Resp: 206433

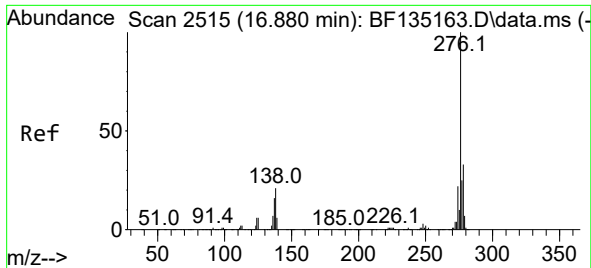
Ion Ratio Lower Upper

264 100

260 23.3 19.8 29.6

265 21.1 17.0 25.4

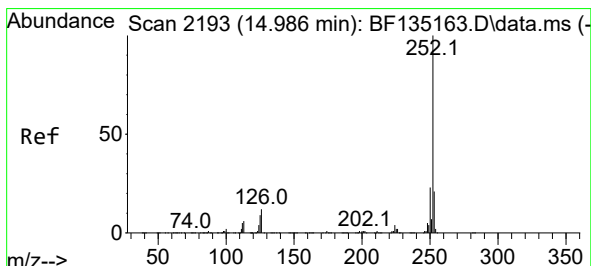
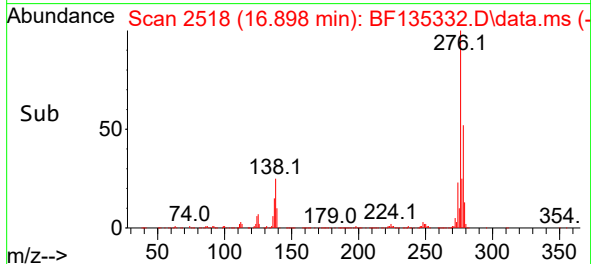
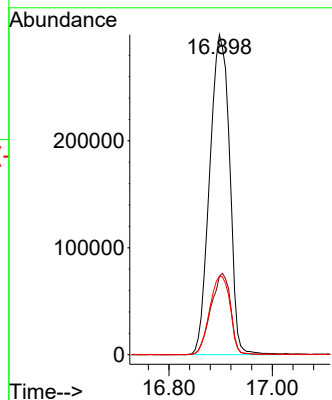
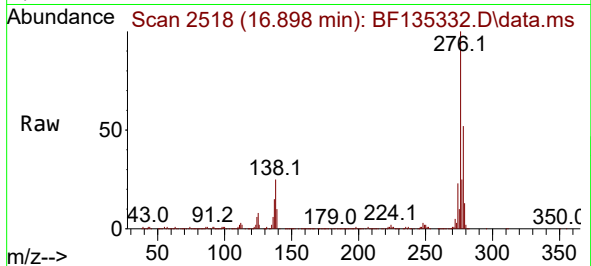




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 59.137 ng
 RT: 16.898 min Scan# 2118
 Delta R.T. 0.018 min
 Lab File: BF135332.D
 Acq: 19 Sep 2023 13:41

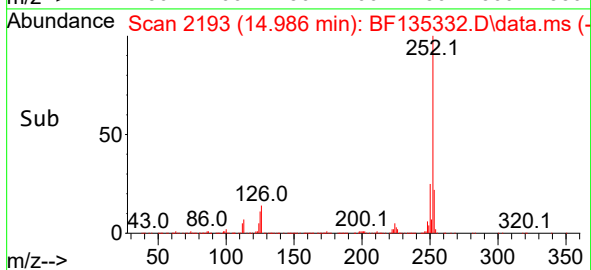
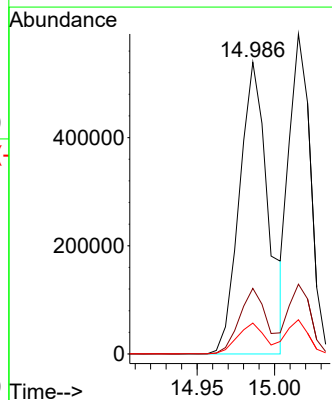
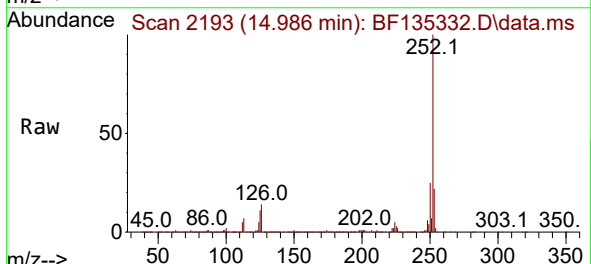
Instrument :
 BNA_F
 ClientSampleId :
 PB155592BSD

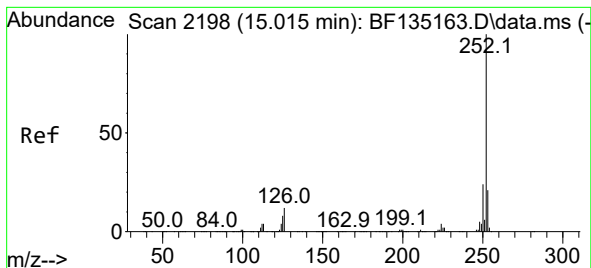
Tgt Ion:276 Resp: 800420
 Ion Ratio Lower Upper
 276 100
 138 25.2 19.2 28.8
 277 25.2 19.7 29.5



#88
 Benzo(b)fluoranthene
 Concen: 61.946 ng
 RT: 14.986 min Scan# 2193
 Delta R.T. 0.000 min
 Lab File: BF135332.D
 Acq: 19 Sep 2023 13:41

Tgt Ion:252 Resp: 692250
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.2 25.8
 125 10.6 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 51.552 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135332.D

Acq: 19 Sep 2023 13:41

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

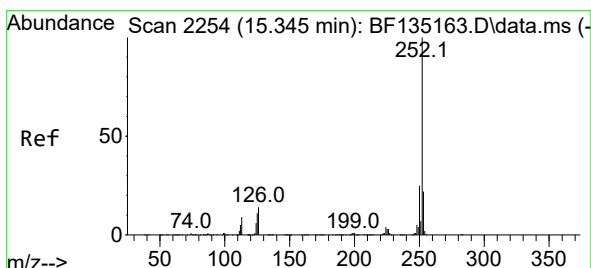
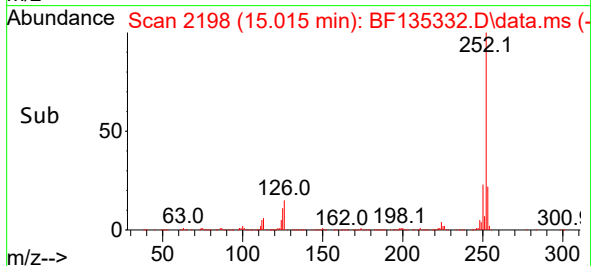
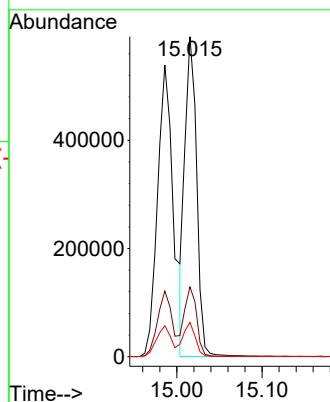
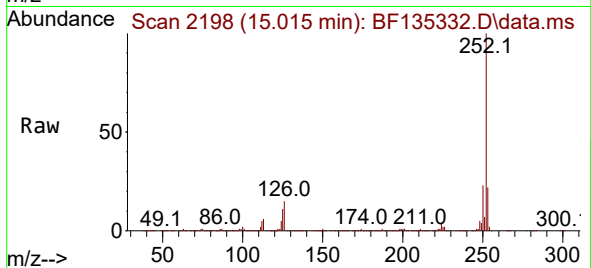
Tgt Ion:252 Resp: 569074

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 10.7 7.2 10.8



#90

Benzo(a)pyrene

Concen: 56.422 ng

RT: 15.351 min Scan# 2255

Delta R.T. 0.006 min

Lab File: BF135332.D

Acq: 19 Sep 2023 13:41

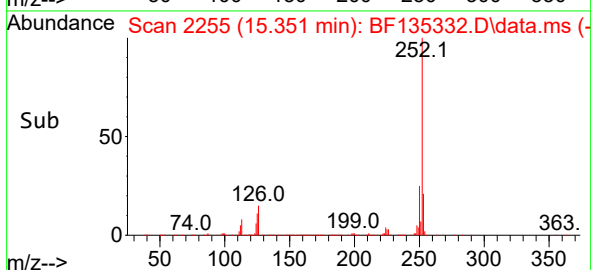
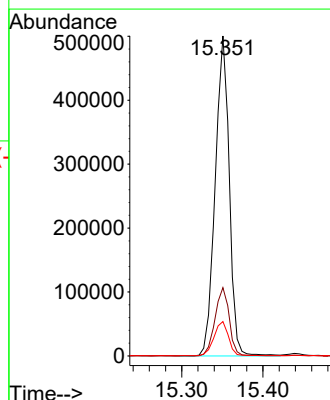
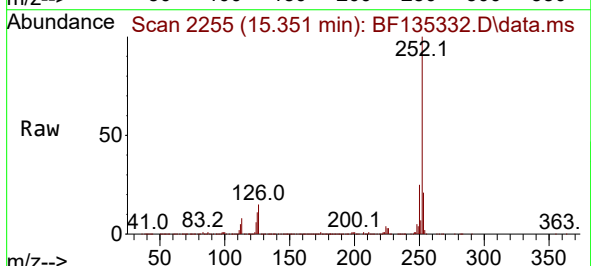
Tgt Ion:252 Resp: 601275

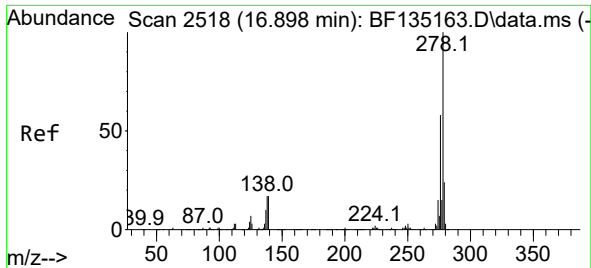
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 10.8 9.2 13.8

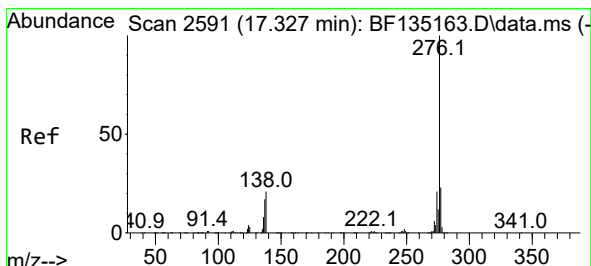
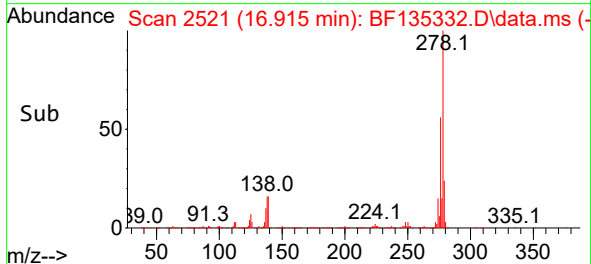
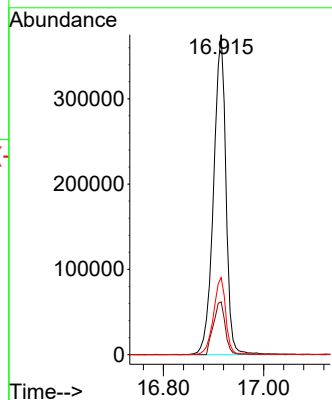
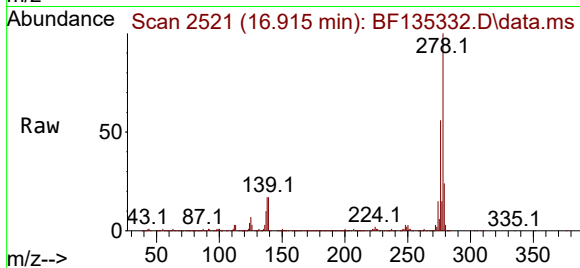




#91
Dibenzo(a,h)anthracene
Concen: 57.956 ng
RT: 16.915 min Scan# 2518
Delta R.T. 0.018 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

Instrument :
BNA_F
ClientSampleId :
PB155592BSD

Tgt Ion:278 Resp: 641845
Ion Ratio Lower Upper
278 100
139 16.5 13.4 20.0
279 24.1 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 58.149 ng
RT: 17.350 min Scan# 2595
Delta R.T. 0.024 min
Lab File: BF135332.D
Acq: 19 Sep 2023 13:41

Tgt Ion:276 Resp: 672550
Ion Ratio Lower Upper
276 100
277 23.1 18.8 28.2
138 21.6 16.9 25.3

