

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
 Data File : BF135378.D
 Acq On : 21 Sep 2023 14:01
 Operator : CG\JU
 Sample : 04501-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Quant Time: Sep 22 05:55:18 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	160563	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	606633	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	276825	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	424230	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	271789	20.000	ng	0.00
86) Perylene-d12	15.410	264	274299	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	731806	74.129	ng	0.01
7) Phenol-d6	6.410	99	938925	74.798	ng	0.00
23) Nitrobenzene-d5	7.328	82	574701	51.470	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	161023	58.533	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	922523	50.278	ng	-0.01
79) Terphenyl-d14	12.880	244	675764	38.543	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.552	88	193180	44.638	ng	96
3) Pyridine	3.299	79	482388	41.416	ng	96
4) n-Nitrosodimethylamine	3.269	42	282373	45.685	ng	95
6) Aniline	6.428	93	351945	21.381	ng	# 80
8) 2-Chlorophenol	6.545	128	471672	44.757	ng	99
9) Benzaldehyde	6.310	77	133570	18.678	ng	98
10) Phenol	6.422	94	555724	40.373	ng	95
11) bis(2-Chloroethyl)ether	6.498	93	456670	44.229	ng	98
12) 1,3-Dichlorobenzene	6.698	146	456513	42.625	ng	97
13) 1,4-Dichlorobenzene	6.775	146	456734	41.916	ng	100
14) 1,2-Dichlorobenzene	6.928	146	432555	42.746	ng	97
15) Benzyl Alcohol	6.910	79	377265	41.882	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.040	45	840518	43.188	ng	92
17) 2-Methylphenol	7.022	107	373605	40.174	ng	97
18) Hexachloroethane	7.263	117	172070	42.738	ng	90
19) n-Nitroso-di-n-propyla...	7.181	70	294082	37.823	ng	96
20) 3+4-Methylphenols	7.181	107	424183	37.932	ng	# 75
22) Acetophenone	7.169	105	566606	40.854	ng	# 95
24) Nitrobenzene	7.345	77	482754	43.743	ng	97
25) Isophorone	7.581	82	892006	43.505	ng	97
26) 2-Nitrophenol	7.663	139	244350	46.131	ng	91
27) 2,4-Dimethylphenol	7.704	122	360043	40.439	ng	97
28) bis(2-Chloroethoxy)met...	7.792	93	554163	45.157	ng	99
29) 2,4-Dichlorophenol	7.904	162	357979	43.392	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	369138	42.808	ng	99
31) Naphthalene	8.063	128	1236055	41.936	ng	99
32) Benzoic acid	7.845	122	227585	33.946	ng	99
33) 4-Chloroaniline	8.116	127	150208	11.615	ng	98
34) Hexachlorobutadiene	8.175	225	211500	40.677	ng	99
35) Caprolactam	8.498	113	95664	34.551	ng	97
36) 4-Chloro-3-methylphenol	8.616	107	382555	41.722	ng	93
37) 2-Methylnaphthalene	8.751	142	773897	39.061	ng	99
38) 1-Methylnaphthalene	8.851	142	731506	39.436	ng	99
40) 1,2,4,5-Tetrachloroben...	8.922	216	355998	44.390	ng	99
41) Hexachlorocyclopentadiene	8.898	237	129874	40.744	ng	97
43) 2,4,6-Trichlorophenol	9.039	196	235609	44.870	ng	99

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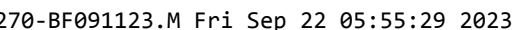
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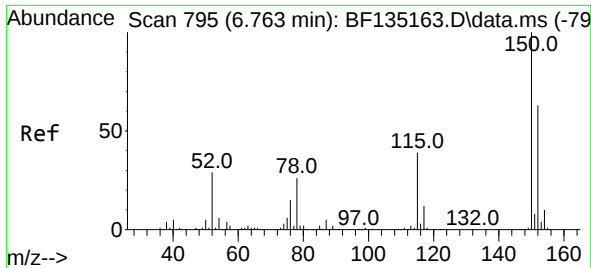
Quant Time: Sep 22 05:55:18 2023
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 QLast Update : Tue Sep 12 00:19:07 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	253596	41.937	ng	97
46) 1,1'-Biphenyl	9.222	154	936220	44.009	ng	99
47) 2-Chloronaphthalene	9.245	162	696196	45.104	ng	99
48) 2-Nitroaniline	9.351	65	270653	45.135	ng	95
49) Acenaphthylene	9.663	152	1130505	44.070	ng	100
50) Dimethylphthalate	9.528	163	830182	44.356	ng	100
51) 2,6-Dinitrotoluene	9.592	165	178608	43.562	ng	95
52) Acenaphthene	9.833	154	651796	43.012	ng	97
53) 3-Nitroaniline	9.763	138	125023	25.977	ng	92
54) 2,4-Dinitrophenol	9.875	184	96144	44.328	ng	92
55) Dibenzofuran	10.004	168	913362	39.497	ng	97
56) 4-Nitrophenol	9.939	139	230193	75.256	ng	96
57) 2,4-Dinitrotoluene	9.998	165	189291	36.878	ng	# 82
58) Fluorene	10.351	166	725278	40.798	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.128	232	188241	40.468	ng	95
60) Diethylphthalate	10.228	149	789686	42.042	ng	100
61) 4-Chlorophenyl-phenyle...	10.339	204	325099	38.069	ng	98
62) 4-Nitroaniline	10.380	138	158356	34.229	ng	91
63) Azobenzene	10.504	77	766152	41.677	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	69758	30.959	ng	97
66) n-Nitrosodiphenylamine	10.463	169	639092	49.760	ng	97
67) 4-Bromophenyl-phenylether	10.833	248	197927	46.910	ng	99
68) Hexachlorobenzene	10.898	284	197293	45.898	ng	# 92
69) Atrazine	10.998	200	183736	53.167	ng	99
70) Pentachlorophenol	11.098	266	191771	74.568	ng	99
71) Phenanthrene	11.316	178	1181852	58.903	ng	98
72) Anthracene	11.369	178	953825	46.249	ng	99
73) Carbazole	11.527	167	839098	44.694	ng	99
74) Di-n-butylphthalate	11.857	149	1041645	47.085	ng	100
75) Fluoranthene	12.510	202	1281151	61.279	ng	98
77) Benzidine	12.639	184	461485	82.880	ng	99
78) Pyrene	12.739	202	1283453	49.599	ng	100
80) Butylbenzylphthalate	13.363	149	394016	43.248	ng	96
81) Benzo(a)anthracene	13.939	228	935791	53.321	ng	98
82) 3,3'-Dichlorobenzidine	13.904	252	255158	46.546	ng	99
83) Chrysene	13.974	228	903898	51.803	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	484507	51.824	ng	98
85) Di-n-octyl phthalate	14.545	149	953293	64.162	ng	98
87) Indeno(1,2,3-cd)pyrene	16.898	276	623805	34.685	ng	97
88) Benzo(b)fluoranthene	14.992	252	897827	60.465	ng	# 96
89) Benzo(k)fluoranthene	15.015	252	695039	47.385	ng	# 97
90) Benzo(a)pyrene	15.357	252	714209	50.437	ng	99
91) Dibenzo(a,h)anthracene	16.909	278	468554	31.841	ng	98
92) Benzo(g,h,i)perylene	17.345	276	512916	33.375	ng	97

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

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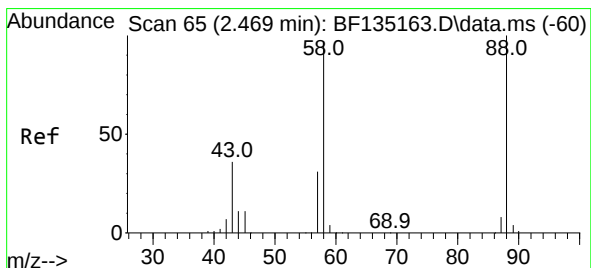
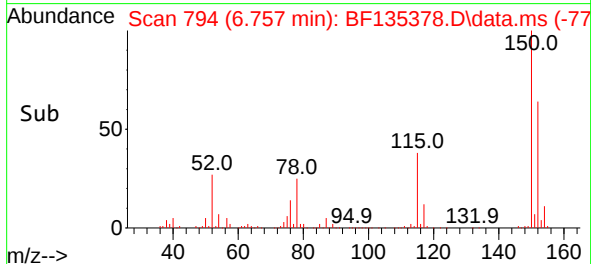
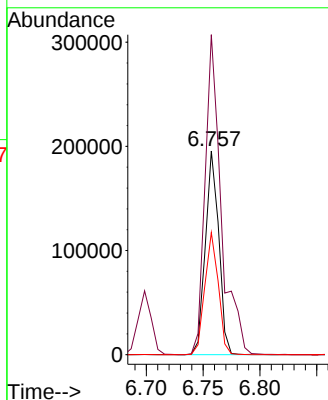
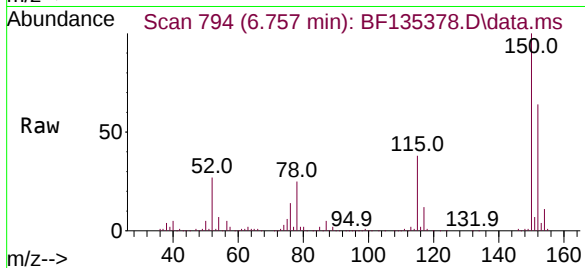




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF135378.D
 Acq: 21 Sep 2023 14:01

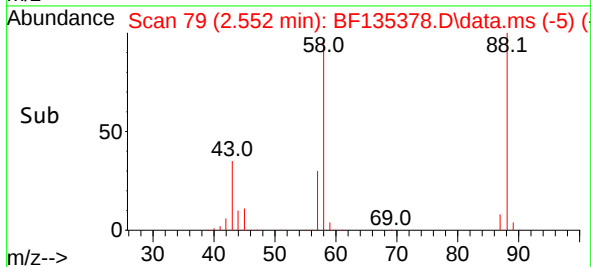
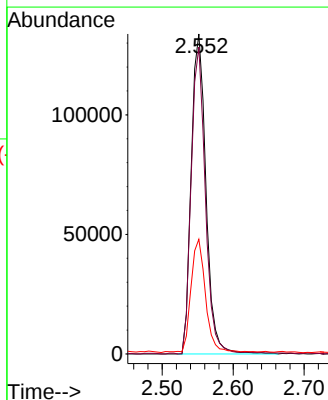
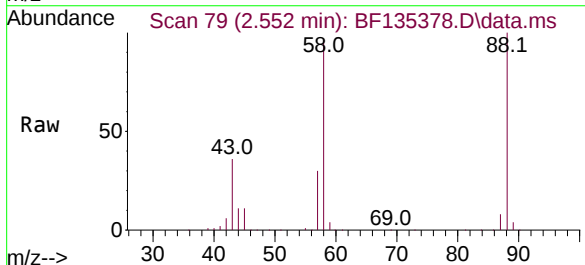
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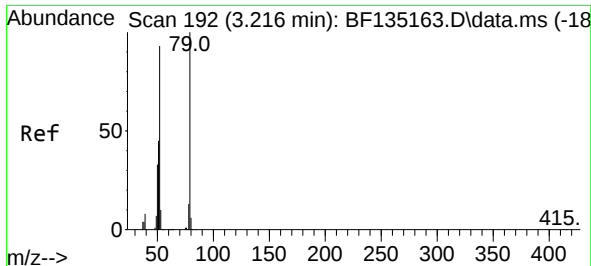
Tgt Ion:152 Resp: 160563
 Ion Ratio Lower Upper
 152 100
 150 157.2 127.8 191.6
 115 59.9 49.8 74.8



#2
 1,4-Dioxane
 Concen: 44.638 ng
 RT: 2.552 min Scan# 79
 Delta R.T. 0.083 min
 Lab File: BF135378.D
 Acq: 21 Sep 2023 14:01

Tgt Ion: 88 Resp: 193180
 Ion Ratio Lower Upper
 88 100
 58 93.3 78.3 117.5
 43 35.2 29.4 44.0

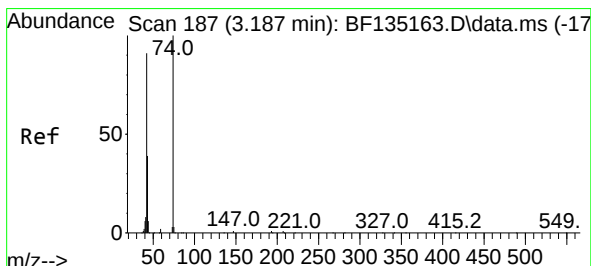
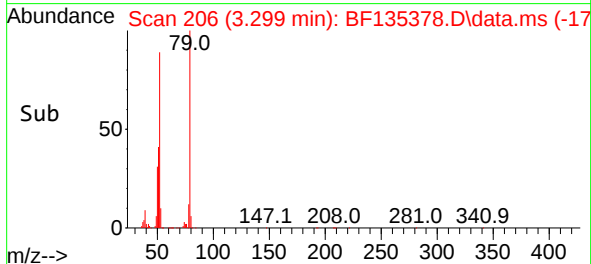
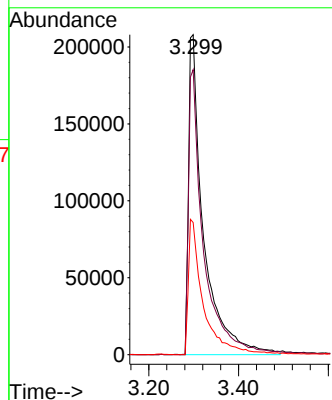
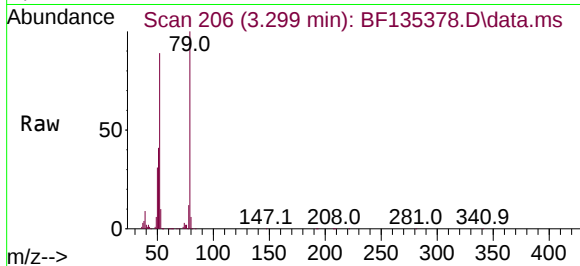




#3
 Pyridine
 Concen: 41.416 ng
 RT: 3.299 min Scan# 20
 Delta R.T. 0.083 min
 Lab File: BF135378.D
 Acq: 21 Sep 2023 14:01

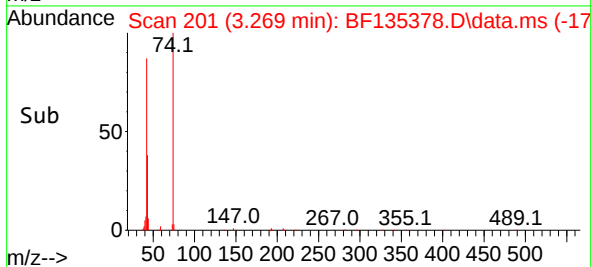
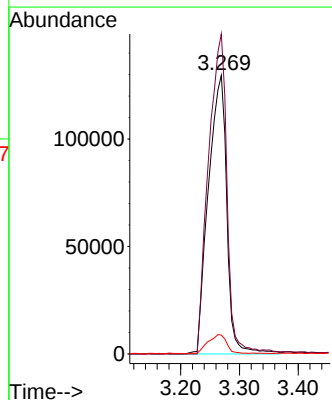
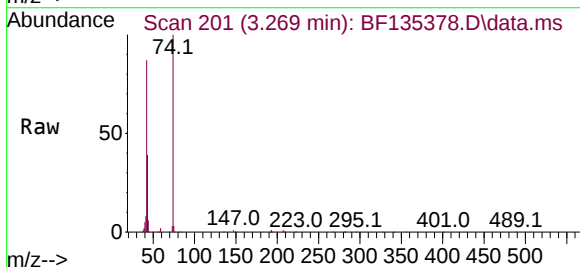
Instrument :
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 ClientSampleId :
 TP-1MSD

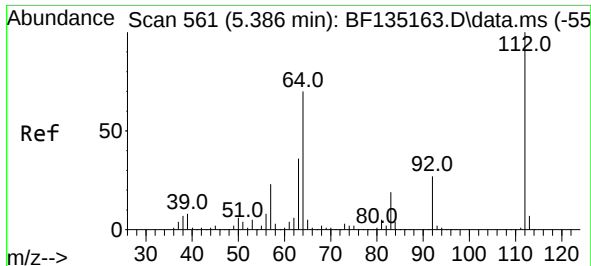
Tgt Ion: 79 Resp: 482388
 Ion Ratio Lower Upper
 79 100
 52 89.0 74.1 111.1
 51 41.3 35.8 53.8



#4
 n-Nitrosodimethylamine
 Concen: 45.685 ng
 RT: 3.269 min Scan# 201
 Delta R.T. 0.083 min
 Lab File: BF135378.D
 Acq: 21 Sep 2023 14:01

Tgt Ion: 42 Resp: 282373
 Ion Ratio Lower Upper
 42 100
 74 114.9 87.7 131.5
 44 6.8 5.6 8.4

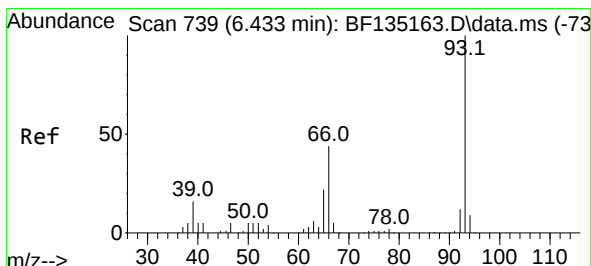
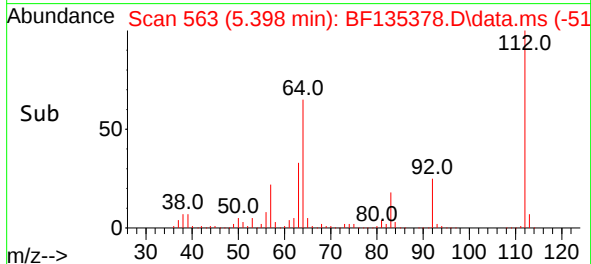
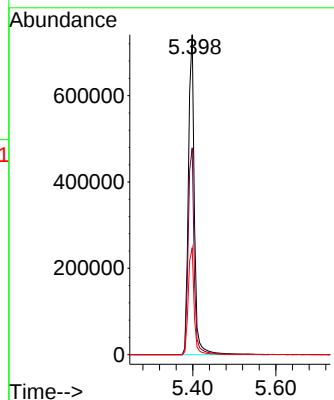
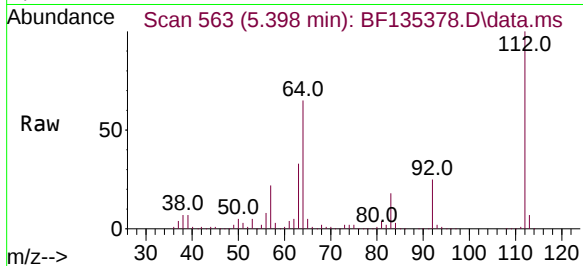




#5
2-Fluorophenol
Concen: 74.129 ng
RT: 5.398 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

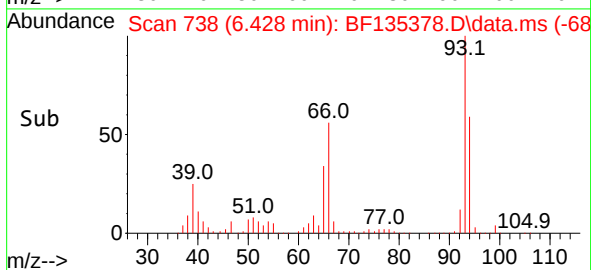
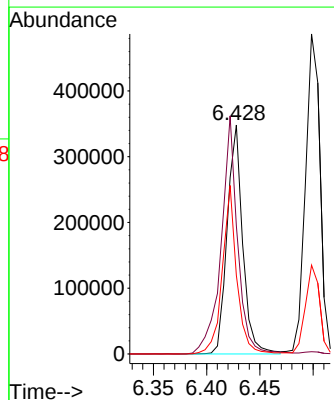
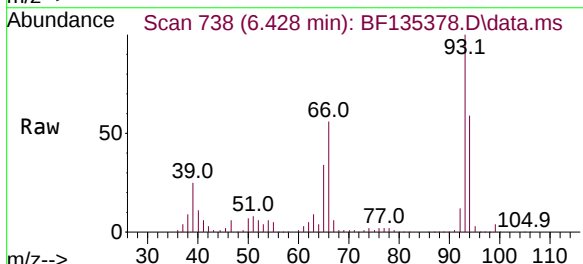
Instrument :
BNA_F
ClientSampleId :
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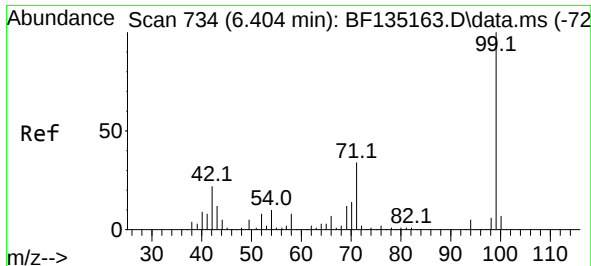
Tgt Ion:112 Resp: 731806
Ion Ratio Lower Upper
112 100
64 64.7 55.9 83.9
63 33.4 29.0 43.6



#6
Aniline
Concen: 21.381 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

Tgt Ion: 93 Resp: 351945
Ion Ratio Lower Upper
93 100
66 56.0 35.4 53.0#
65 34.3 17.8 26.8#

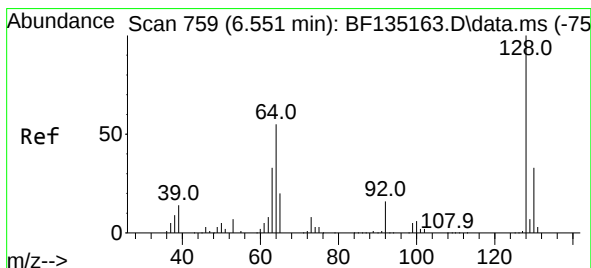
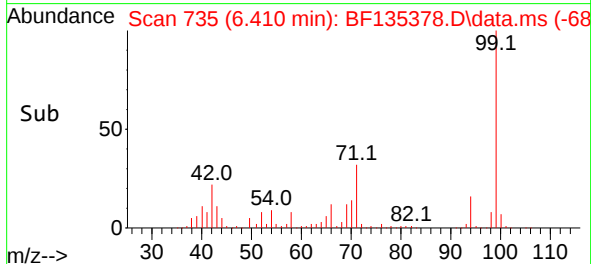
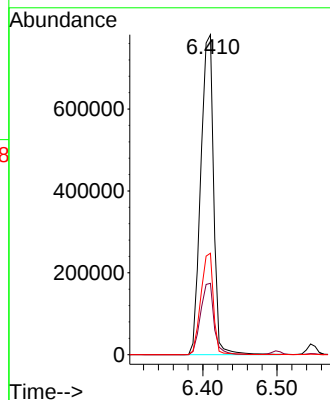
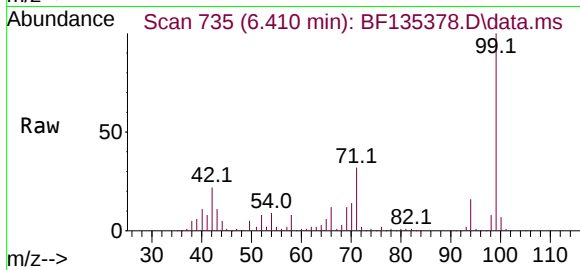




#7
Phenol-d6
Concen: 74.798 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

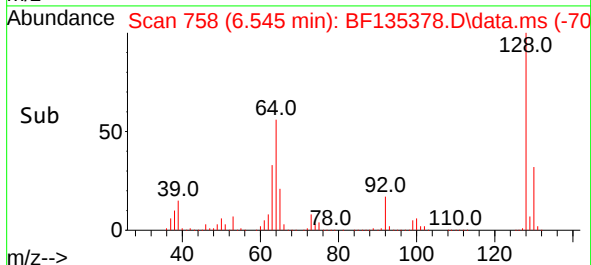
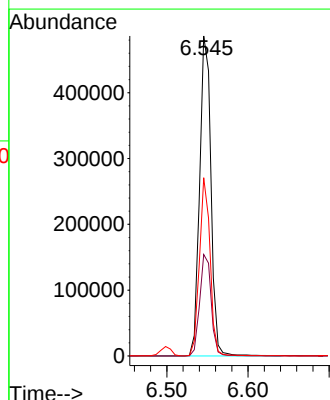
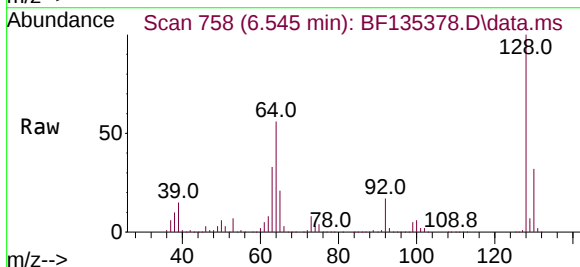
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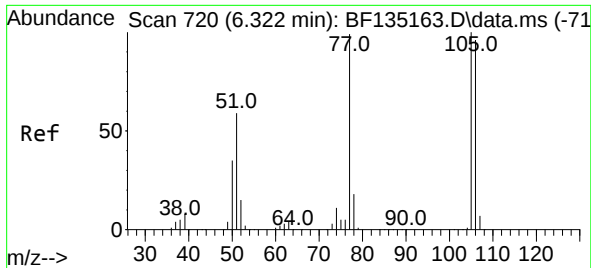
Tgt Ion: 99 Resp: 938925
Ion Ratio Lower Upper
99 100
42 22.3 17.9 26.9
71 31.7 27.0 40.6



#8
2-Chlorophenol
Concen: 44.757 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

Tgt Ion: 128 Resp: 471672
Ion Ratio Lower Upper
128 100
130 31.7 12.7 52.7
64 55.7 35.9 75.9





#9

Benzaldehyde

Concen: 18.678 ng

RT: 6.310 min Scan# 718

Delta R.T. -0.012 min

Lab File: BF135378.D

Acq: 21 Sep 2023 14:01

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

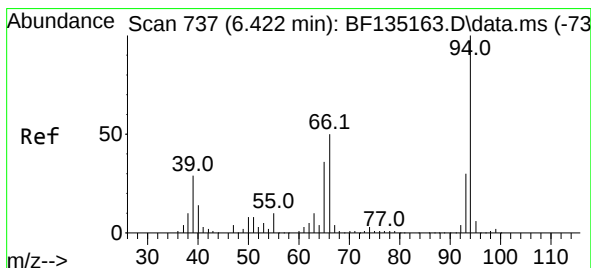
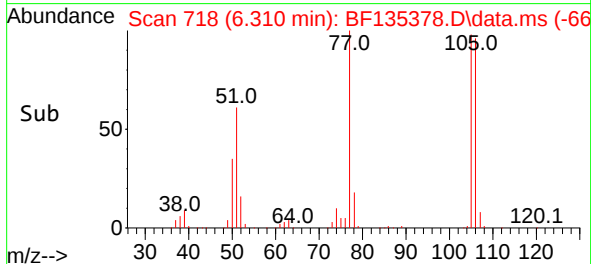
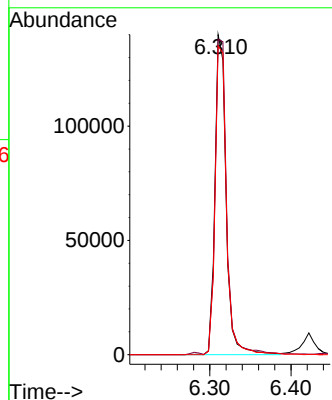
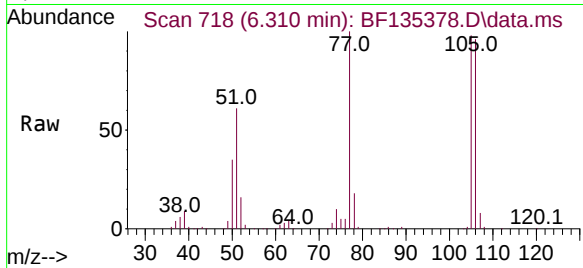
Tgt Ion: 77 Resp: 133570

Ion Ratio Lower Upper

77 100

105 98.5 81.4 121.4

106 96.5 76.9 116.9



#10

Phenol

Concen: 40.373 ng

RT: 6.422 min Scan# 737

Delta R.T. 0.000 min

Lab File: BF135378.D

Acq: 21 Sep 2023 14:01

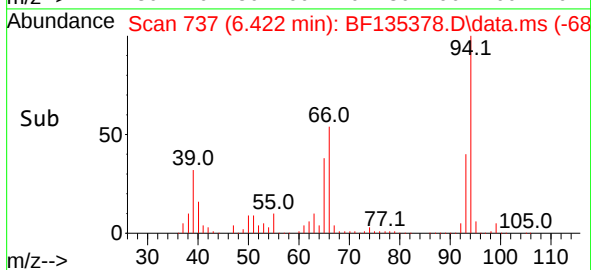
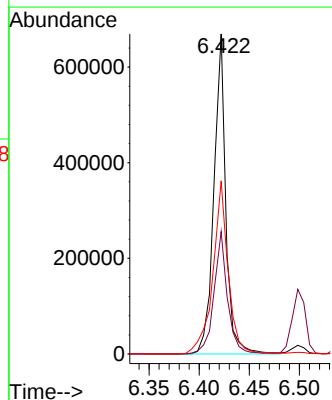
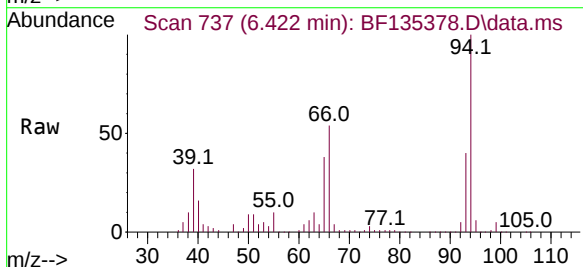
Tgt Ion: 94 Resp: 555724

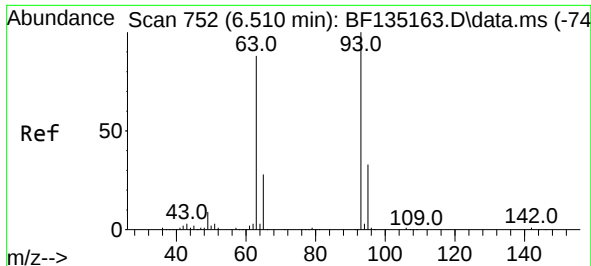
Ion Ratio Lower Upper

94 100

65 38.3 15.9 55.9

66 54.1 29.8 69.8

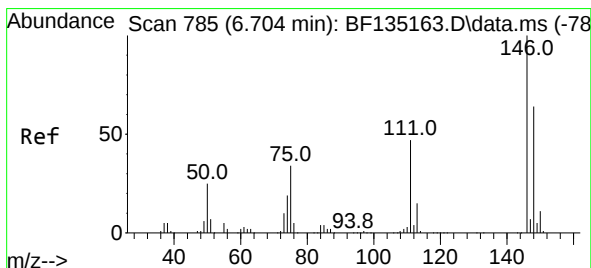
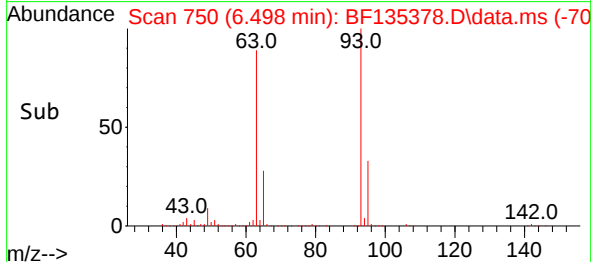
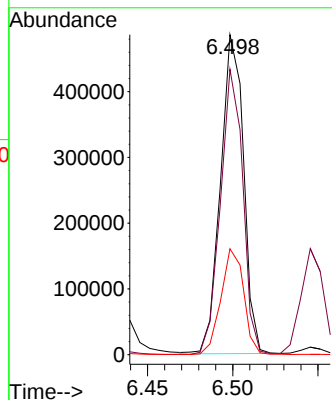
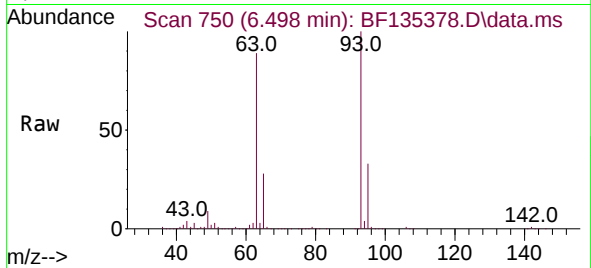




#11
bis(2-Chloroethyl)ether
Concen: 44.229 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

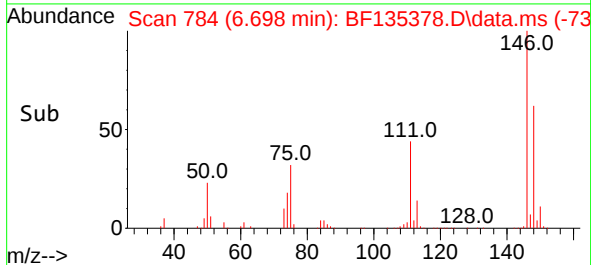
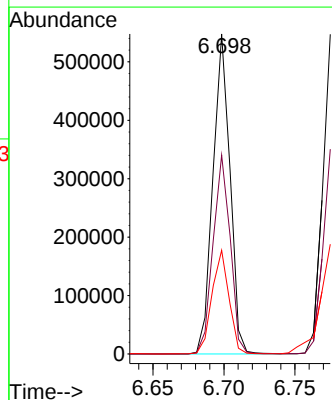
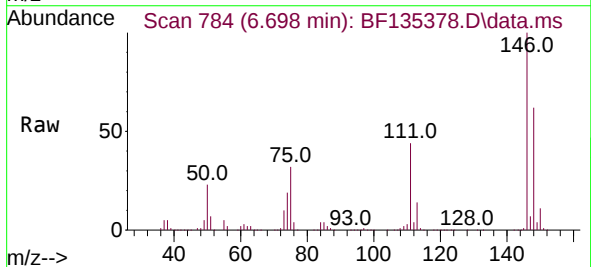
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

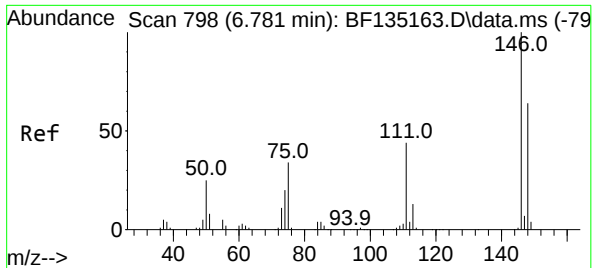
Tgt Ion: 93 Resp: 456670
Ion Ratio Lower Upper
93 100
63 89.2 67.3 107.3
95 33.1 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 42.625 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

Tgt Ion:146 Resp: 456513
Ion Ratio Lower Upper
146 100
148 62.1 51.3 76.9
75 32.4 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 41.916 ng

RT: 6.775 min Scan# 798

Delta R.T. -0.006 min

Lab File: BF135378.D

Acq: 21 Sep 2023 14:01

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

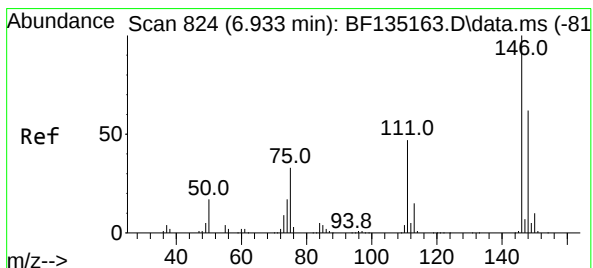
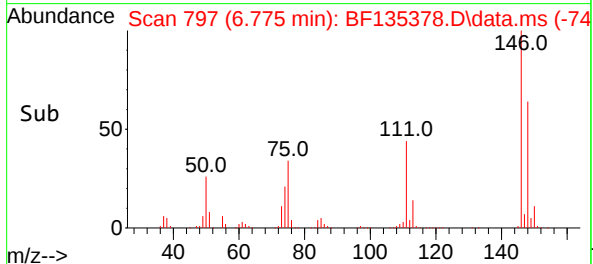
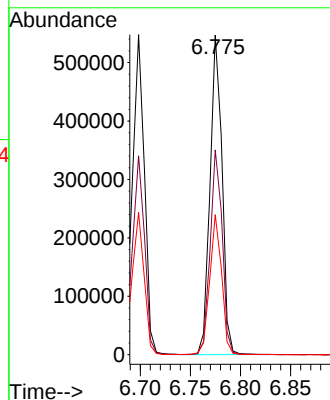
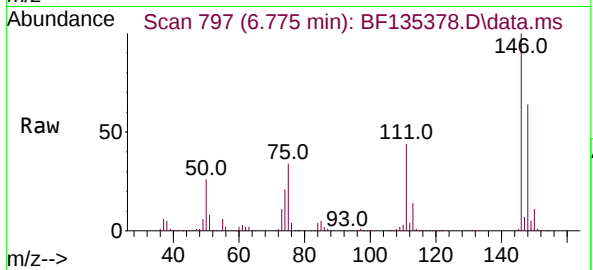
Tgt Ion:146 Resp: 456734

Ion Ratio Lower Upper

146 100

148 64.1 51.3 76.9

111 43.8 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 42.746 ng

RT: 6.928 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF135378.D

Acq: 21 Sep 2023 14:01

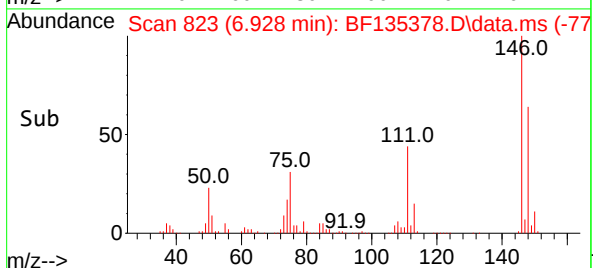
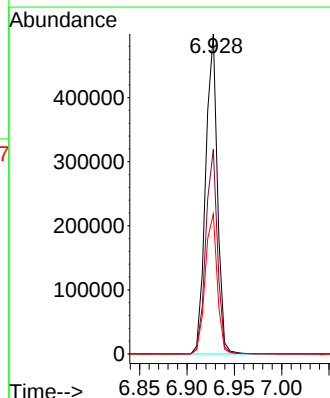
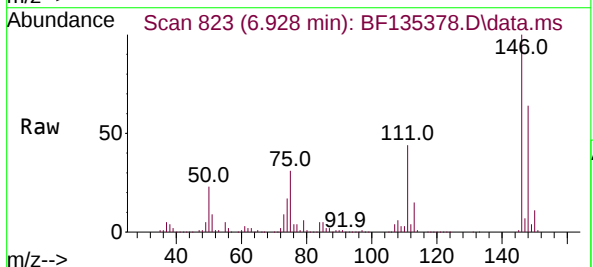
Tgt Ion:146 Resp: 432555

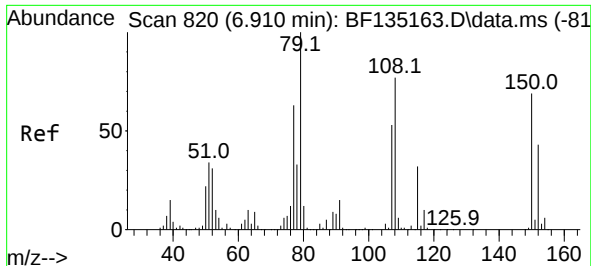
Ion Ratio Lower Upper

146 100

148 64.0 49.7 74.5

111 43.7 37.4 56.2

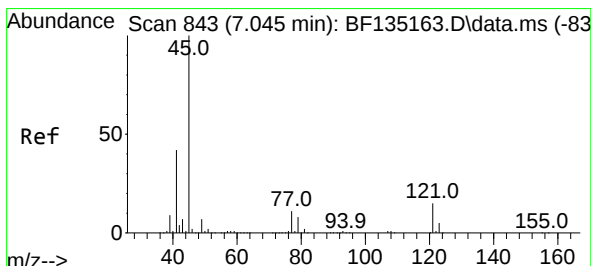
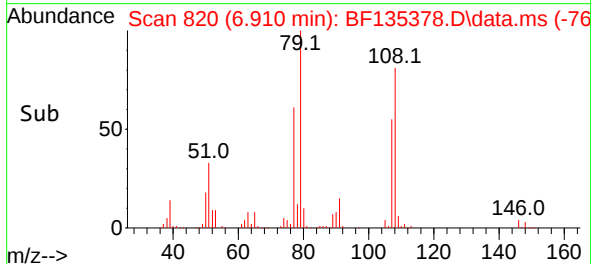
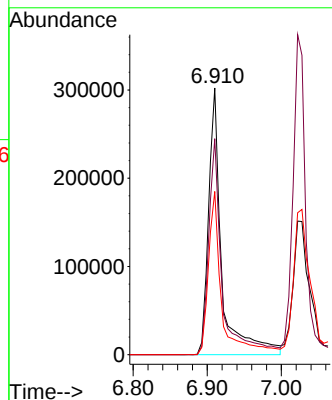
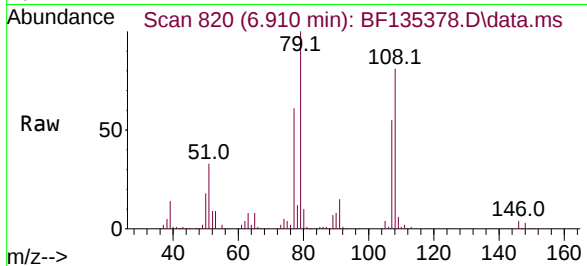




#15
Benzyl Alcohol
Concen: 41.882 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

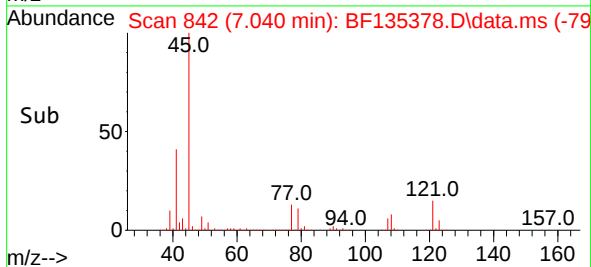
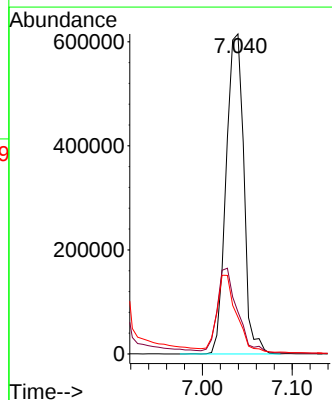
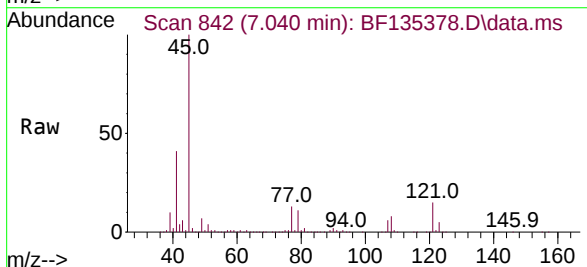
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

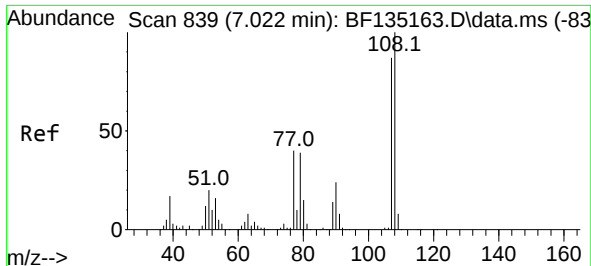
Tgt Ion: 79 Resp: 377265
Ion Ratio Lower Upper
79 100
108 80.9 61.2 91.8
77 61.2 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.188 ng
RT: 7.040 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

Tgt Ion: 45 Resp: 840518
Ion Ratio Lower Upper
45 100
77 13.2 0.0 30.6
79 11.5 0.0 28.3

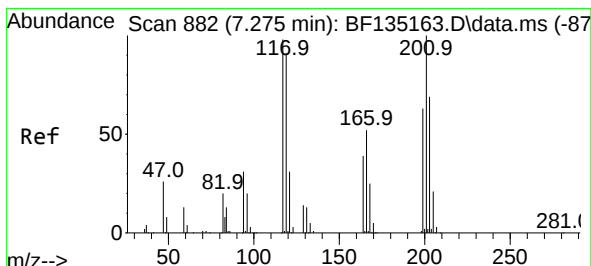
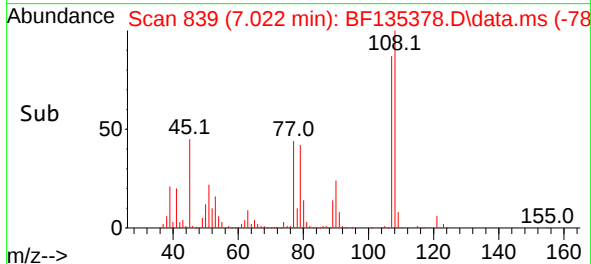
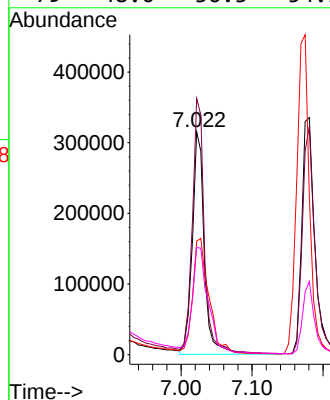
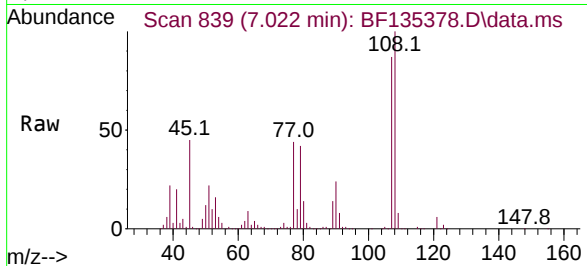




#17
2-Methylphenol
Concen: 40.174 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

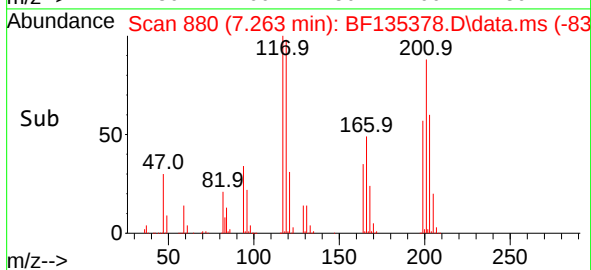
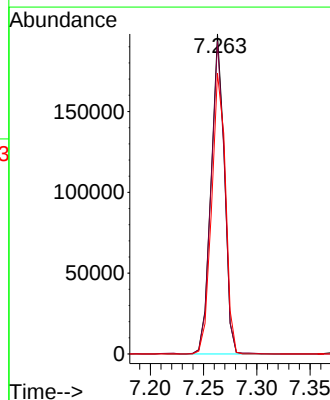
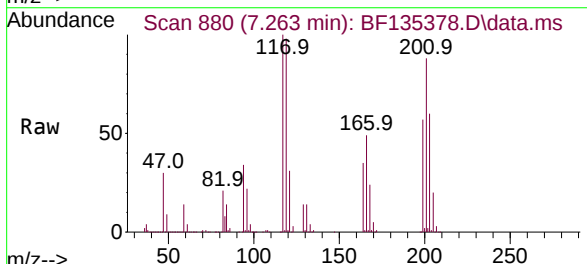
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

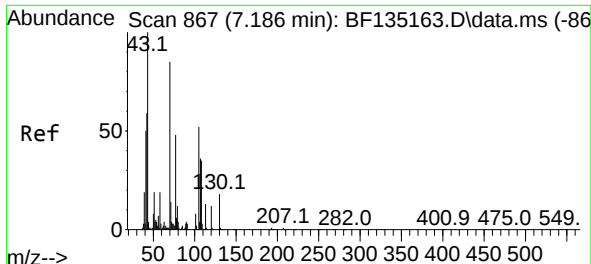
Tgt Ion:107 Resp: 373605
Ion Ratio Lower Upper
107 100
108 115.0 92.0 138.0
77 51.0 36.7 55.1
79 48.0 36.3 54.5



#18
Hexachloroethane
Concen: 42.738 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

Tgt Ion:117 Resp: 172070
Ion Ratio Lower Upper
117 100
119 97.6 74.7 112.1
201 87.7 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 37.823 ng

RT: 7.181 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF135378.D

Acq: 21 Sep 2023 14:01

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion: 70 Resp: 294082

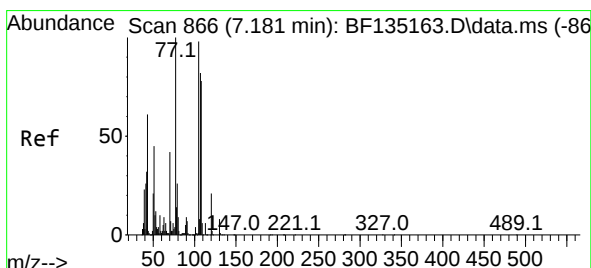
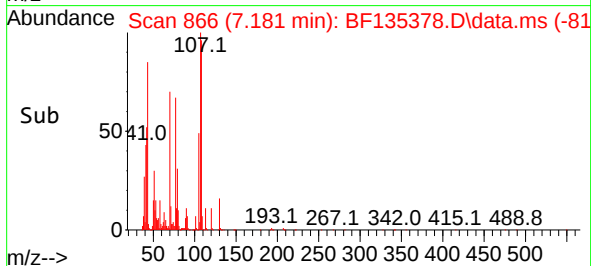
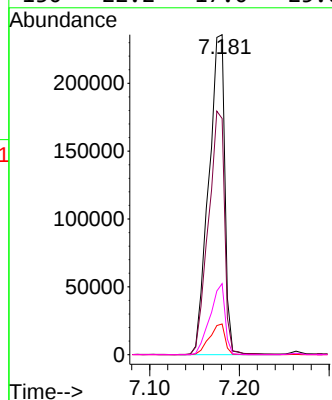
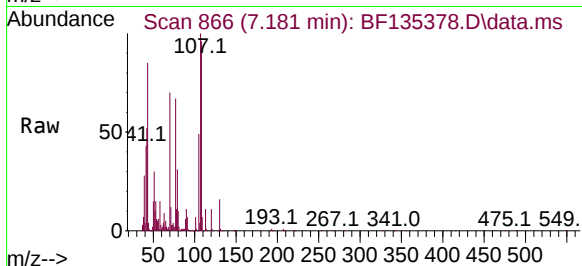
Ion Ratio Lower Upper

70 100

42 73.8 55.4 83.0

101 9.6 7.7 11.5

130 22.2 17.0 25.6



#20

3+4-Methylphenols

Concen: 37.932 ng

RT: 7.181 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF135378.D

Acq: 21 Sep 2023 14:01

Tgt Ion: 107 Resp: 424183

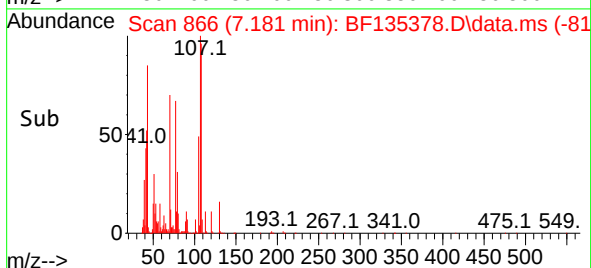
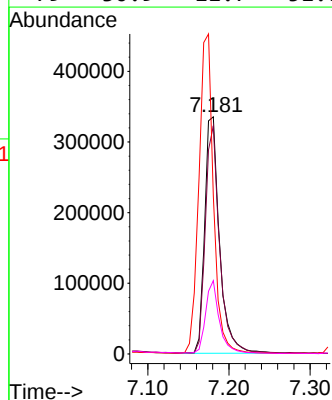
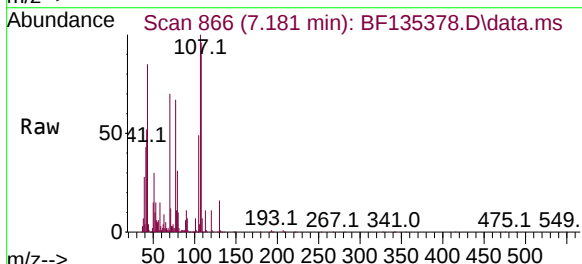
Ion Ratio Lower Upper

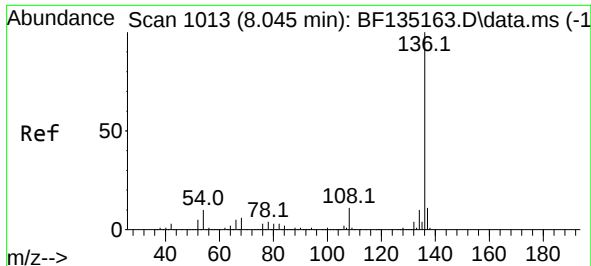
107 100

108 96.1 74.7 114.7

77 66.7 102.0 142.0#

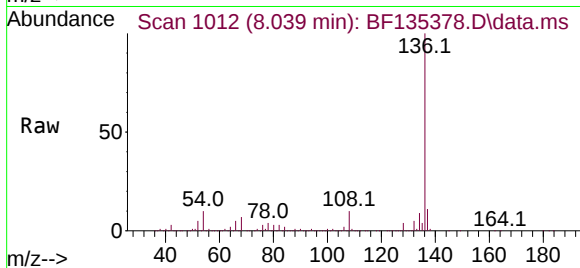
79 30.9 11.7 51.7



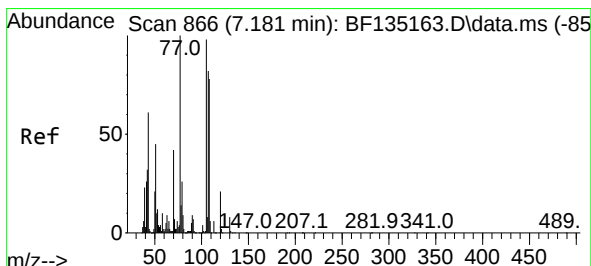
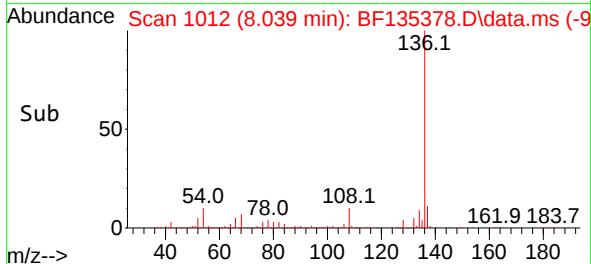
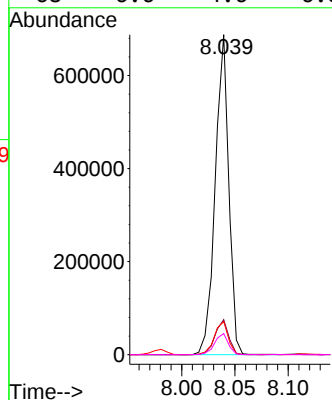


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

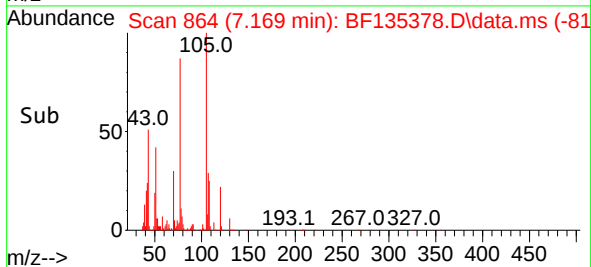
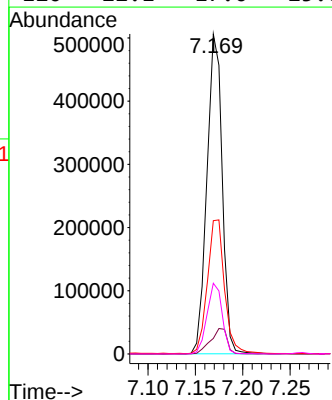
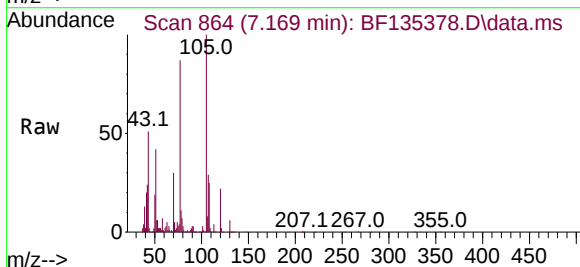


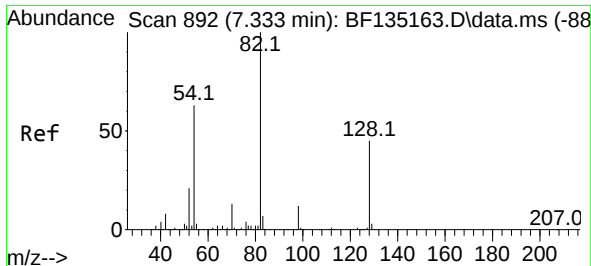
Tgt	Ion:136	Resp:	606633
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.4	7.7	11.5
68	6.6	4.6	6.8



#22
Acetophenone
Concen: 40.854 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

Tgt	Ion:105	Resp:	566606
Ion	Ratio	Lower	Upper
105	100		
71	4.9	5.8	8.6#
51	41.6	37.0	55.4
120	22.1	17.0	25.6





#23

Nitrobenzene-d5

Concen: 51.470 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135378.D

Acq: 21 Sep 2023 14:01

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

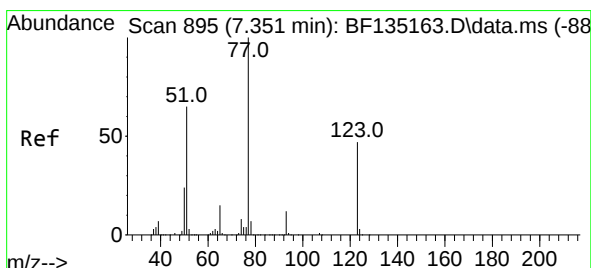
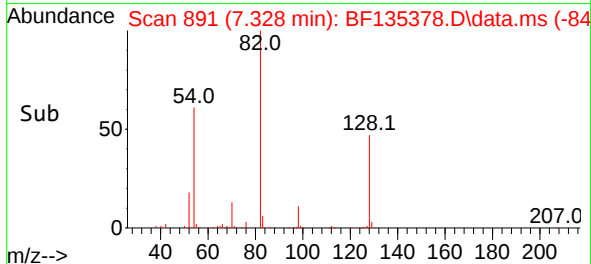
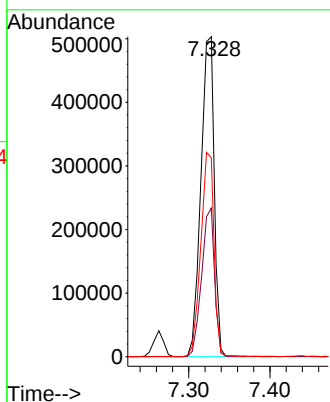
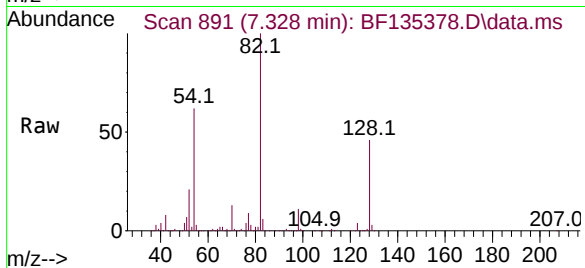
Tgt Ion: 82 Resp: 574701

Ion Ratio Lower Upper

82 100

128 46.5 35.8 53.6

54 62.1 50.6 76.0



#24

Nitrobenzene

Concen: 43.743 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135378.D

Acq: 21 Sep 2023 14:01

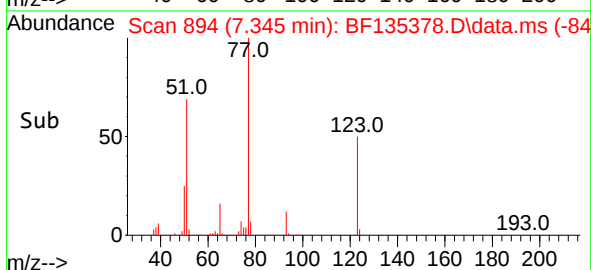
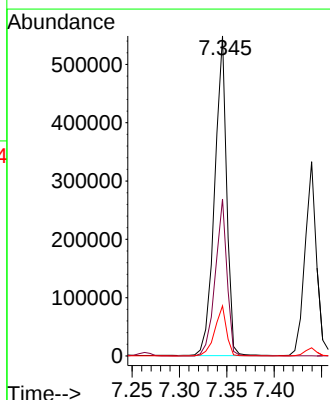
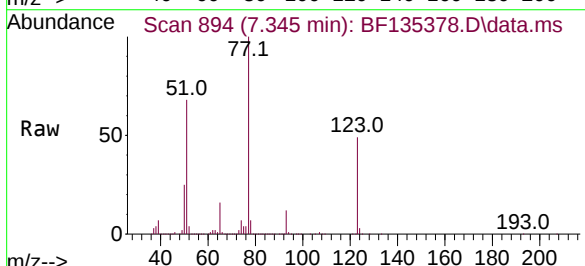
Tgt Ion: 77 Resp: 482754

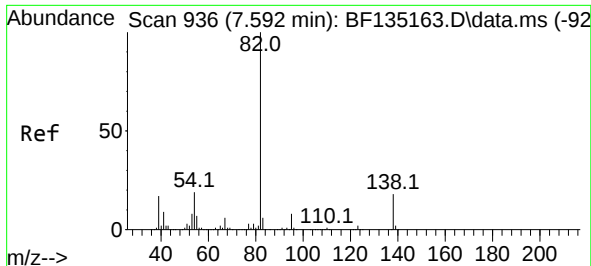
Ion Ratio Lower Upper

77 100

123 49.1 37.6 56.4

65 15.6 12.2 18.4

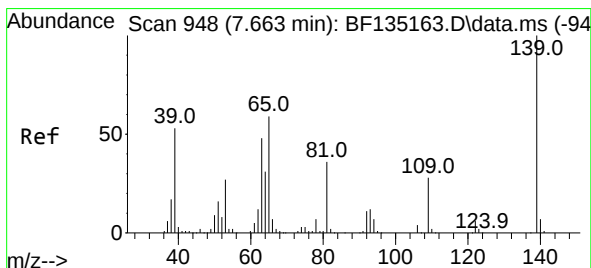
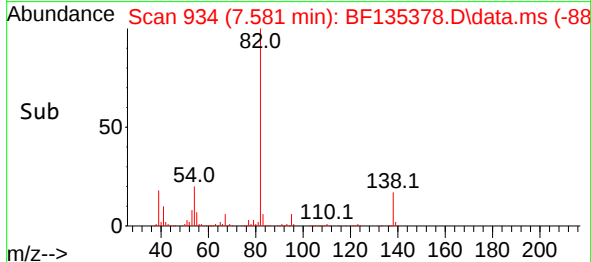
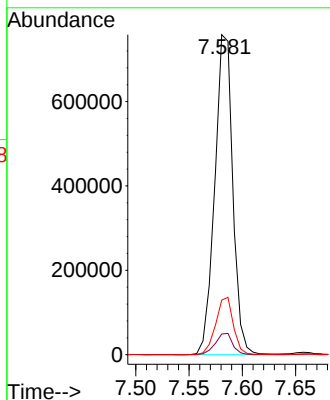
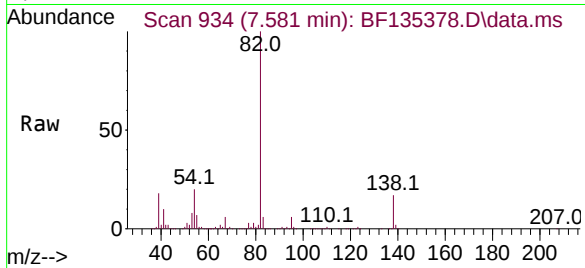




#25
Isophorone
Concen: 43.505 ng
RT: 7.581 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

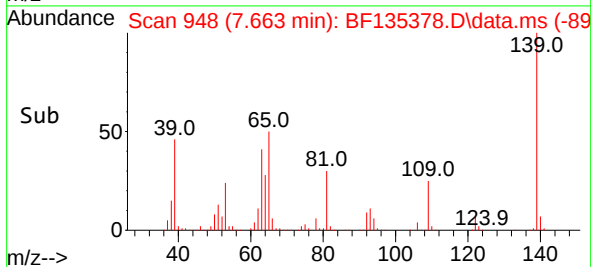
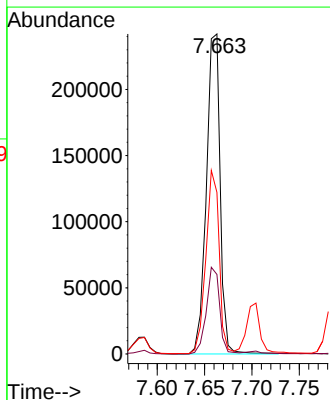
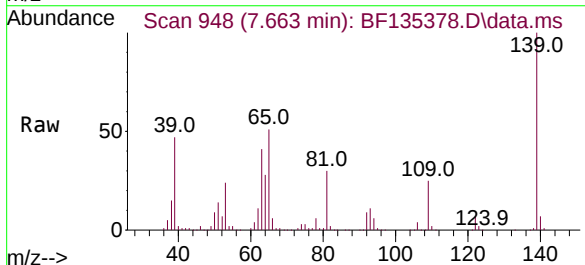
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

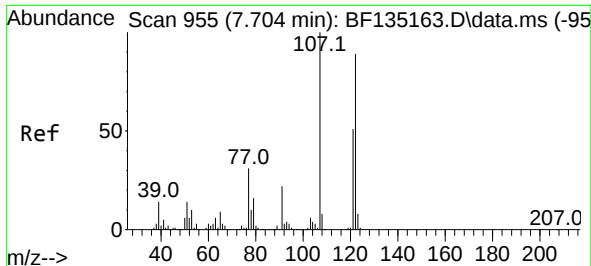
Tgt Ion: 82 Resp: 892006
Ion Ratio Lower Upper
82 100
95 6.5 6.0 9.0
138 17.0 14.5 21.7



#26
2-Nitrophenol
Concen: 46.131 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

Tgt Ion:139 Resp: 244350
Ion Ratio Lower Upper
139 100
109 24.8 22.6 33.8
65 50.5 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 40.439 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135378.D

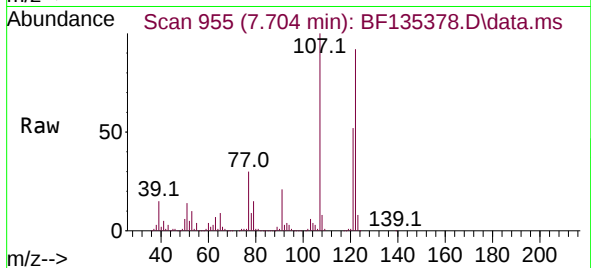
Acq: 21 Sep 2023 14:01

Instrument :

BNA_F

ClientSampleId :

TP-1MSD



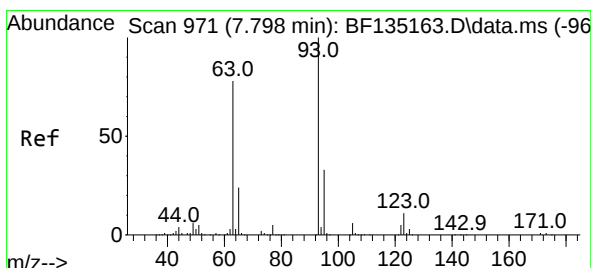
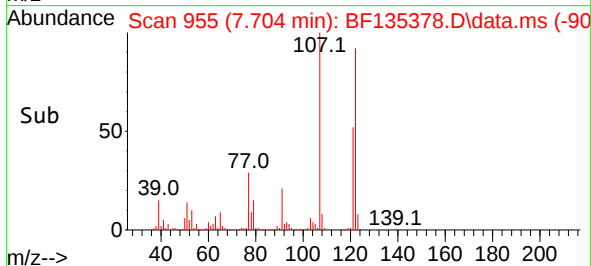
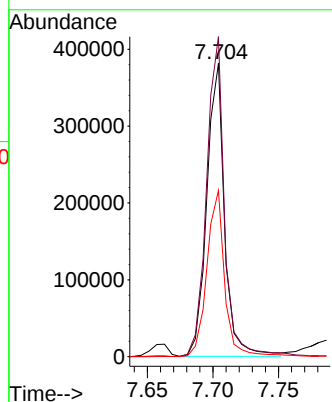
Tgt Ion:122 Resp: 360043

Ion Ratio Lower Upper

122 100

107 109.1 90.2 135.4

121 56.7 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 45.157 ng

RT: 7.792 min Scan# 970

Delta R.T. -0.006 min

Lab File: BF135378.D

Acq: 21 Sep 2023 14:01

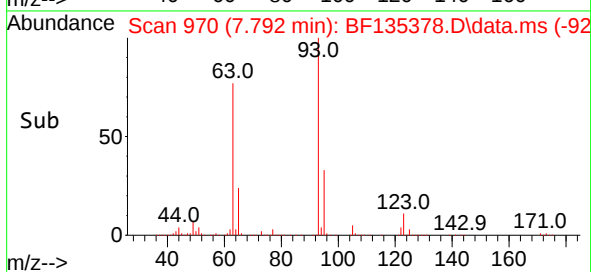
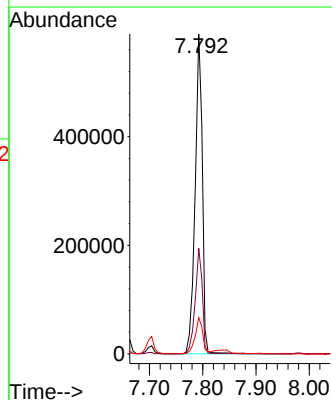
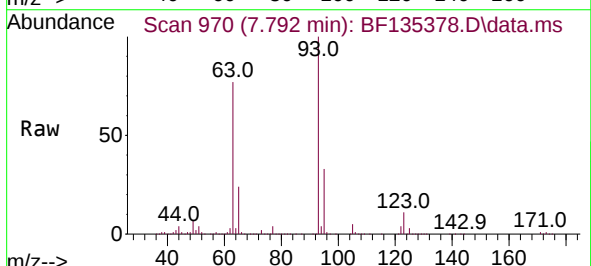
Tgt Ion: 93 Resp: 554163

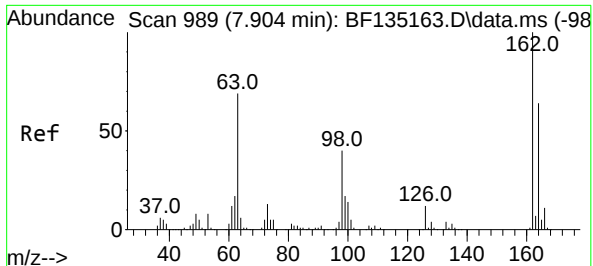
Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.2

123 11.4 8.8 13.2

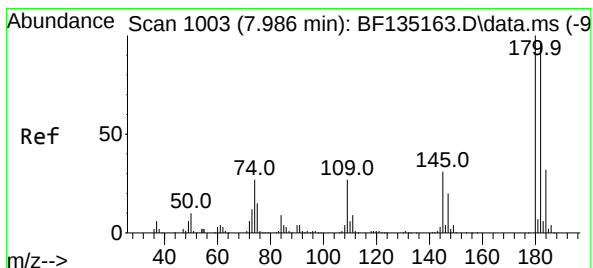
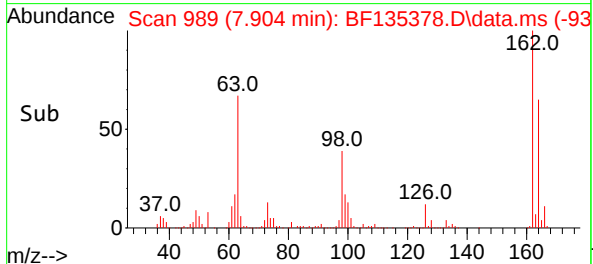
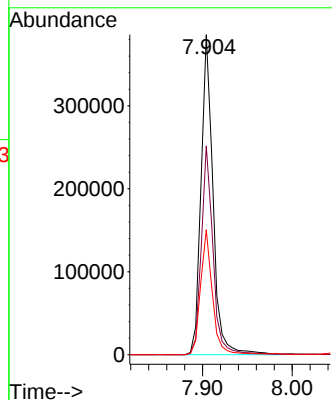
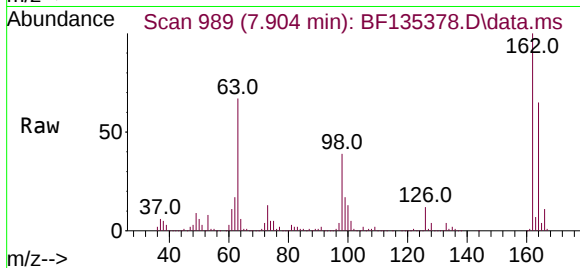




#29
2,4-Dichlorophenol
Concen: 43.392 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

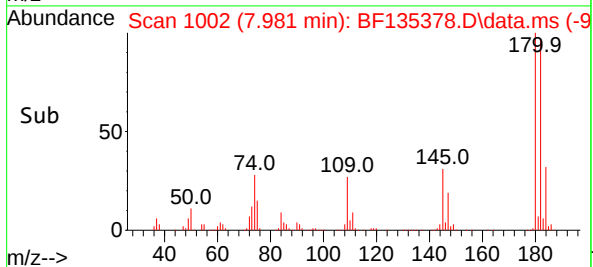
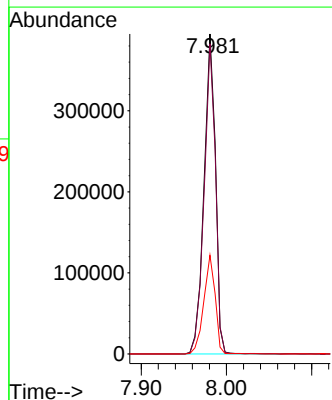
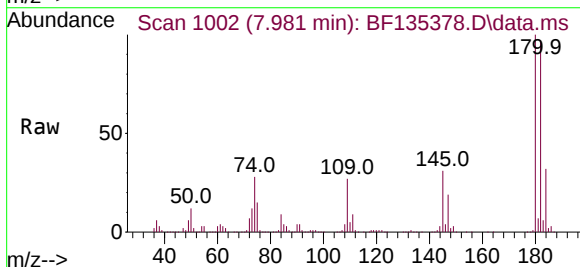
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

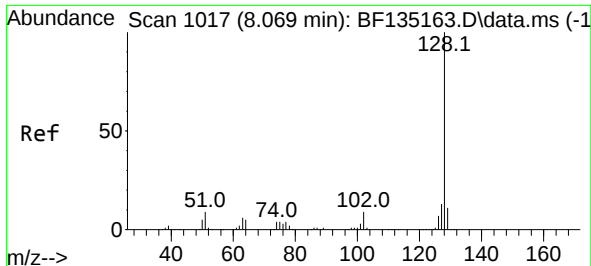
Tgt Ion:162 Resp: 357979
Ion Ratio Lower Upper
162 100
164 65.2 44.1 84.1
98 39.0 20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 42.808 ng
RT: 7.981 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

Tgt Ion:180 Resp: 369138
Ion Ratio Lower Upper
180 100
182 96.9 76.9 115.3
145 30.9 24.5 36.7

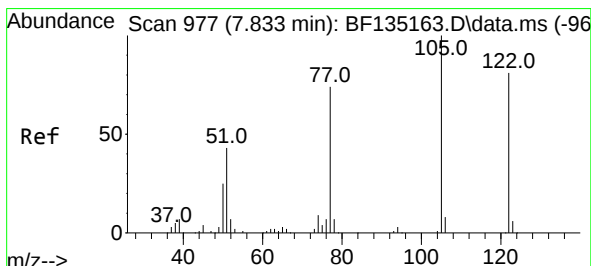
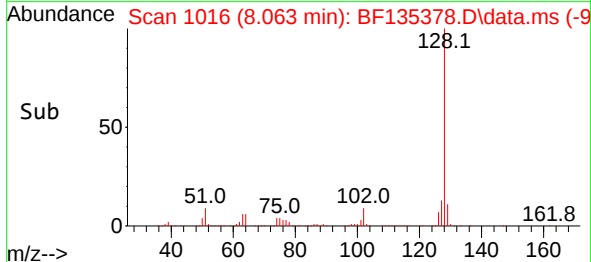
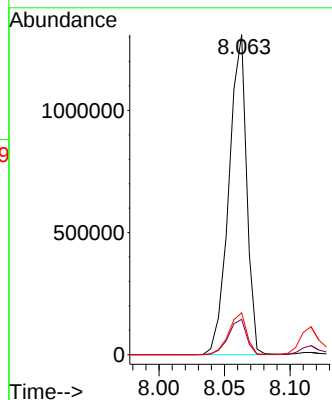
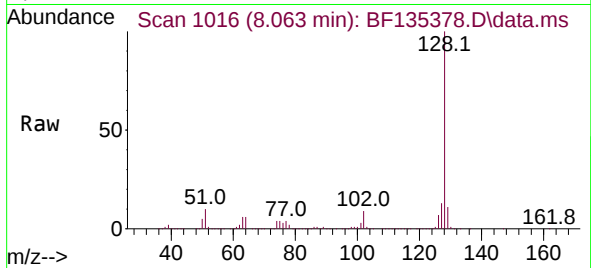




#31
Naphthalene
Concen: 41.936 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

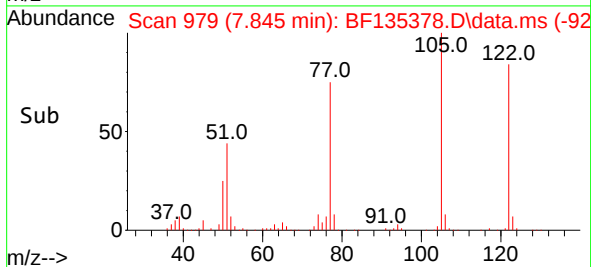
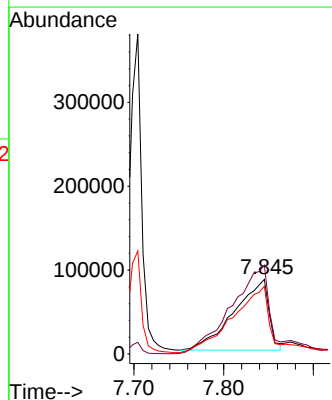
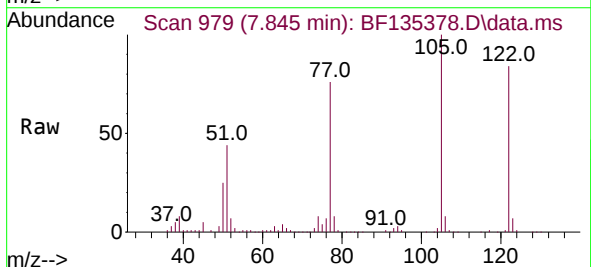
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

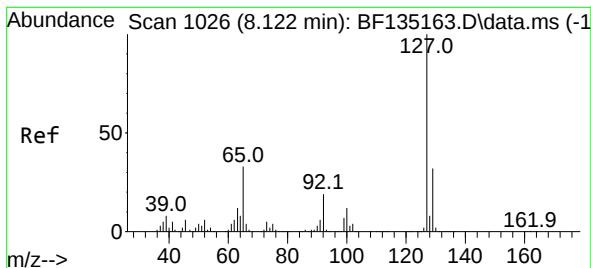
Tgt Ion:128 Resp: 1236055
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.1 10.7 16.1



#32
Benzoic acid
Concen: 33.946 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.012 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

Tgt Ion:122 Resp: 227585
Ion Ratio Lower Upper
122 100
105 119.1 99.9 139.9
77 90.8 70.0 110.0





#33

4-Chloroaniline

Concen: 11.615 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF135378.D

Acq: 21 Sep 2023 14:01

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:127 Resp: 150208

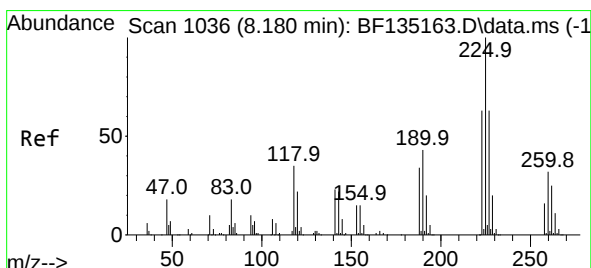
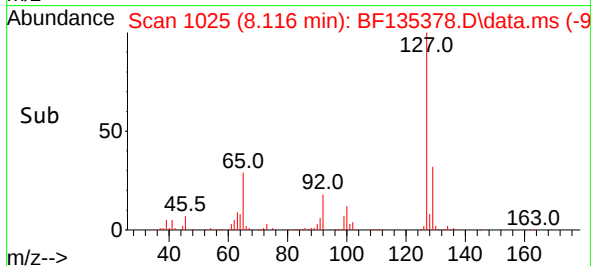
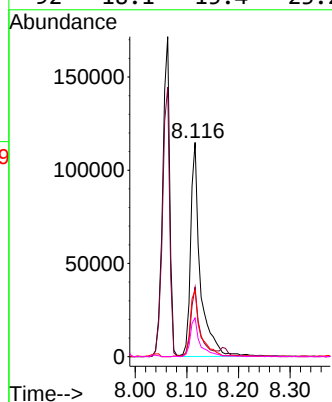
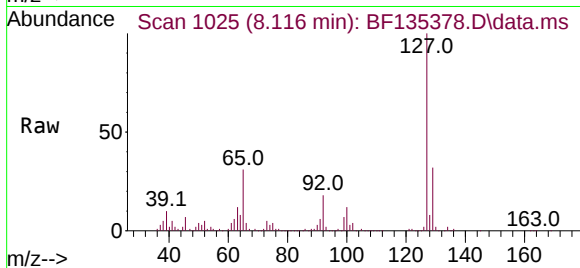
Ion Ratio Lower Upper

127 100

129 32.4 25.8 38.8

65 31.0 26.6 39.8

92 18.1 15.4 23.2



#34

Hexachlorobutadiene

Concen: 40.677 ng

RT: 8.175 min Scan# 1035

Delta R.T. -0.006 min

Lab File: BF135378.D

Acq: 21 Sep 2023 14:01

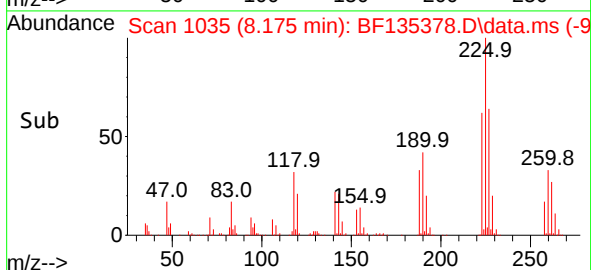
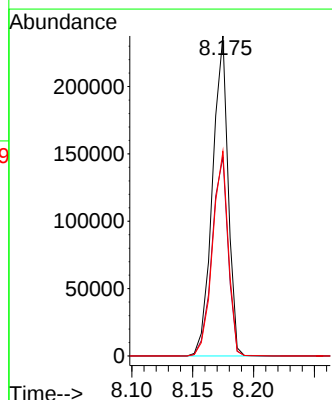
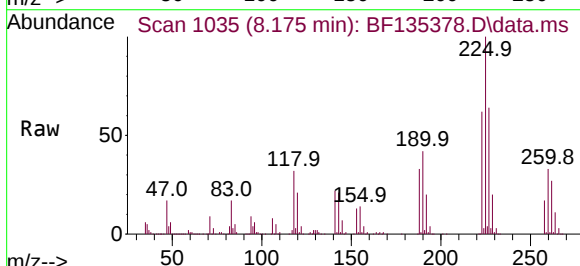
Tgt Ion:225 Resp: 211500

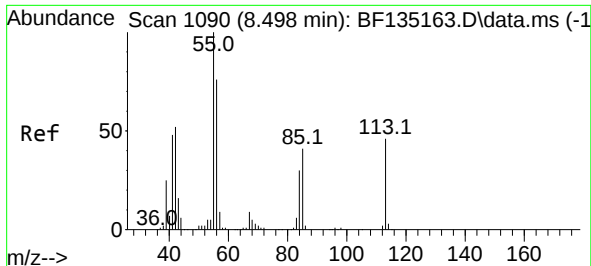
Ion Ratio Lower Upper

225 100

223 62.1 50.6 75.8

227 64.0 50.8 76.2

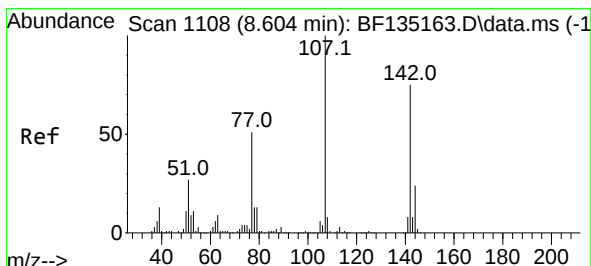
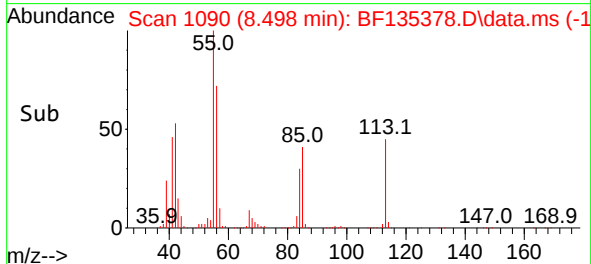
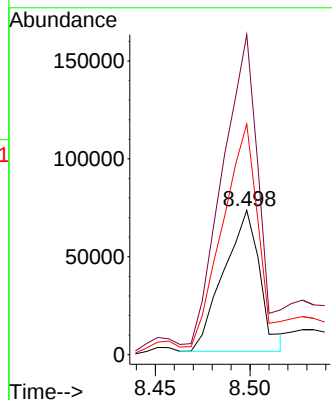
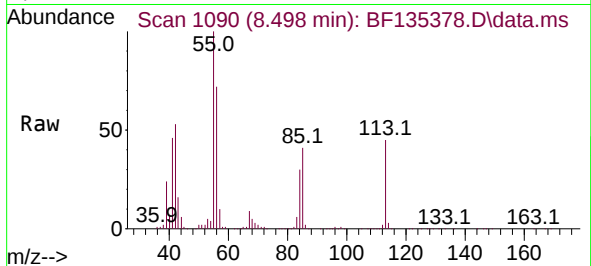




#35
 Caprolactam
 Concen: 34.551 ng
 RT: 8.498 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF135378.D
 Acq: 21 Sep 2023 14:01

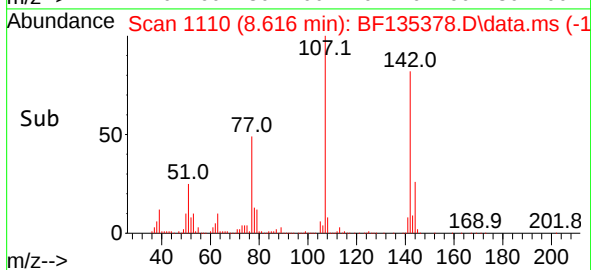
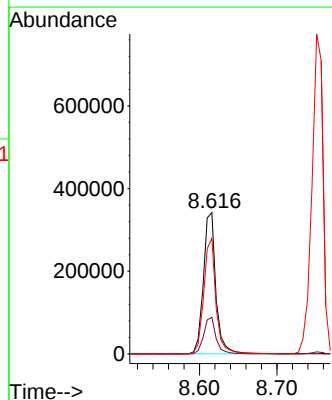
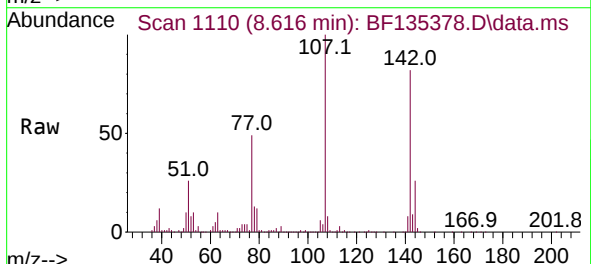
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

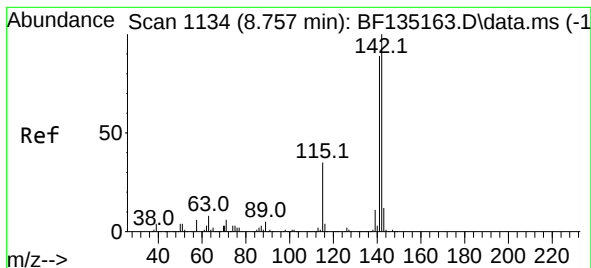
Tgt Ion:113 Resp: 95664
 Ion Ratio Lower Upper
 113 100
 55 221.8 199.3 239.3
 56 160.0 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 41.722 ng
 RT: 8.616 min Scan# 1110
 Delta R.T. 0.012 min
 Lab File: BF135378.D
 Acq: 21 Sep 2023 14:01

Tgt Ion:107 Resp: 382555
 Ion Ratio Lower Upper
 107 100
 144 25.9 19.0 28.4
 142 81.9 60.2 90.2





#37

2-Methylnaphthalene

Concen: 39.061 ng

RT: 8.751 min Scan# 1133

Delta R.T. -0.006 min

Lab File: BF135378.D

Acq: 21 Sep 2023 14:01

Instrument :

BNA_F

ClientSampleId :

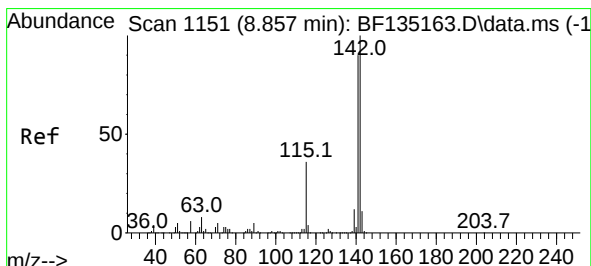
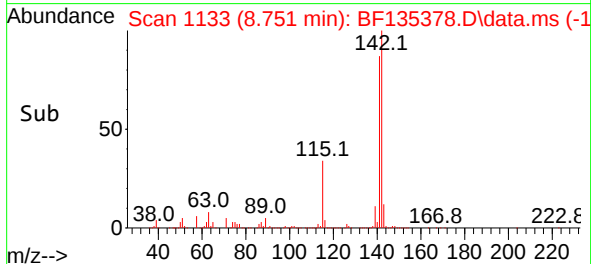
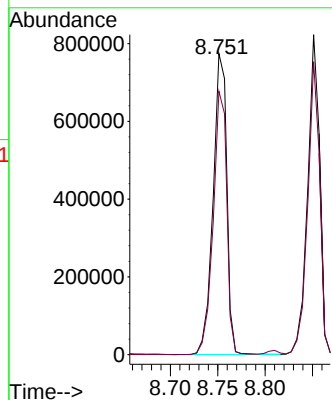
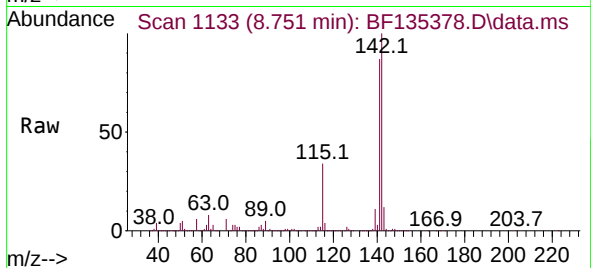
TP-1MSD

Tgt Ion:142 Resp: 773897

Ion Ratio Lower Upper

142 100

141 87.5 71.0 106.6



#38

1-Methylnaphthalene

Concen: 39.436 ng

RT: 8.851 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF135378.D

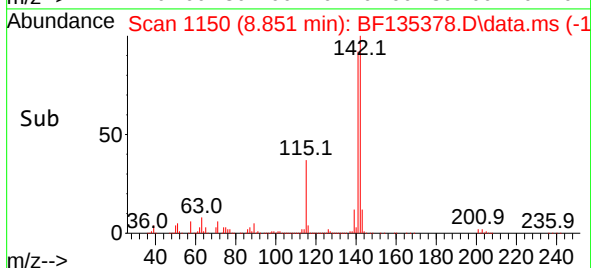
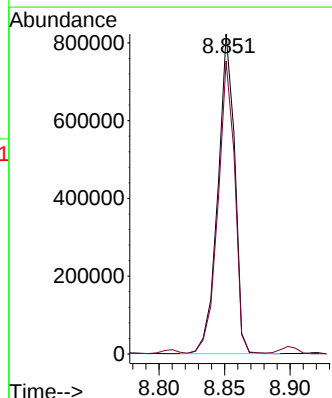
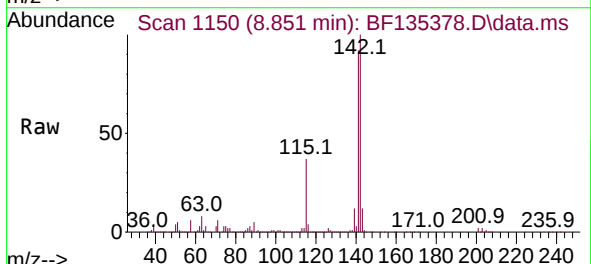
Acq: 21 Sep 2023 14:01

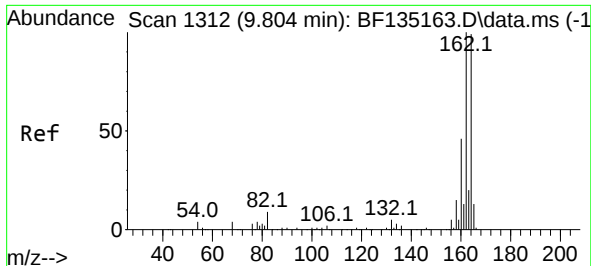
Tgt Ion:142 Resp: 731506

Ion Ratio Lower Upper

142 100

141 91.6 72.4 108.6

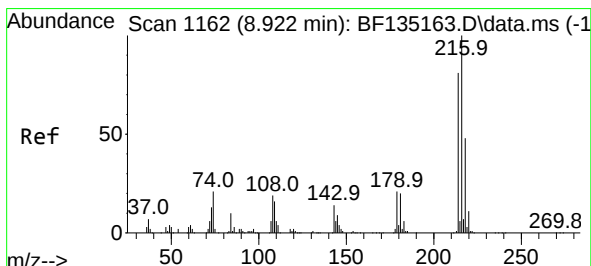
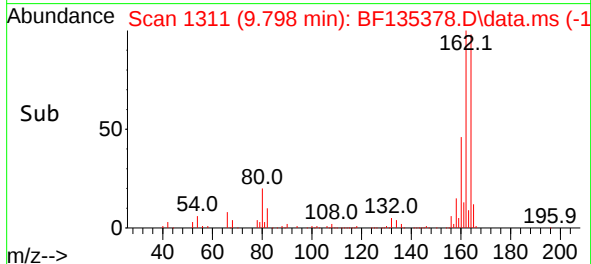
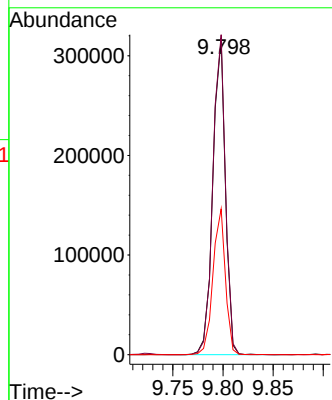
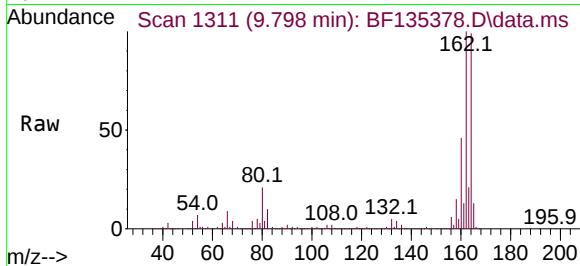




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

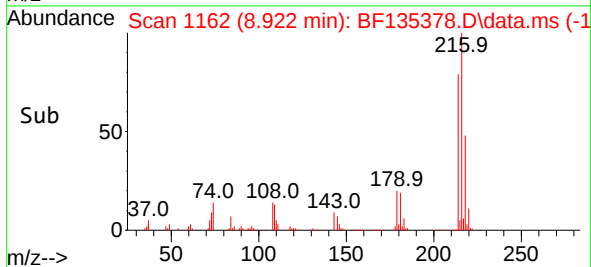
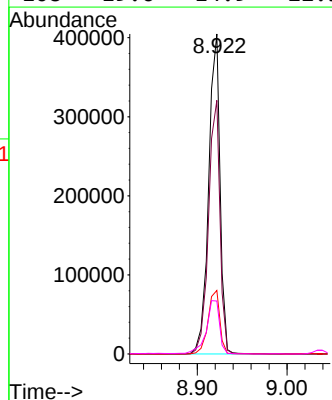
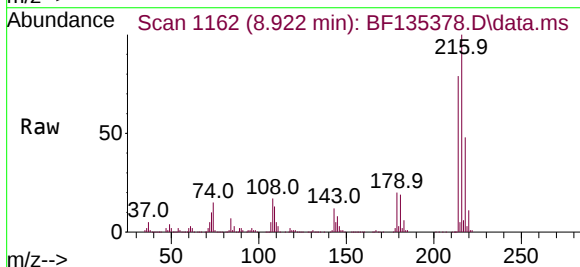
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

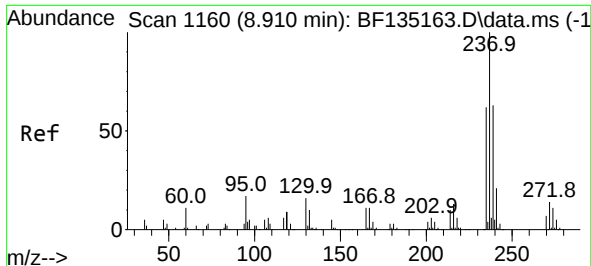
Tgt Ion:164 Resp: 276825
Ion Ratio Lower Upper
164 100
162 101.0 81.0 121.4
160 46.1 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.390 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

Tgt Ion:216 Resp: 355998
Ion Ratio Lower Upper
216 100
214 79.9 63.7 95.5
179 20.6 16.7 25.1
108 19.6 14.9 22.3

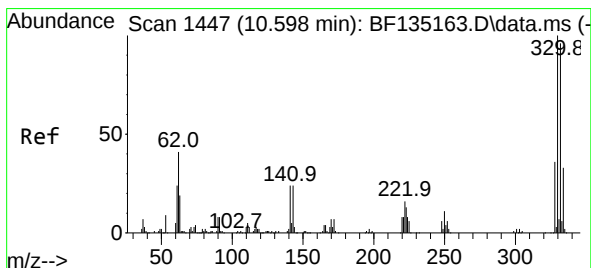
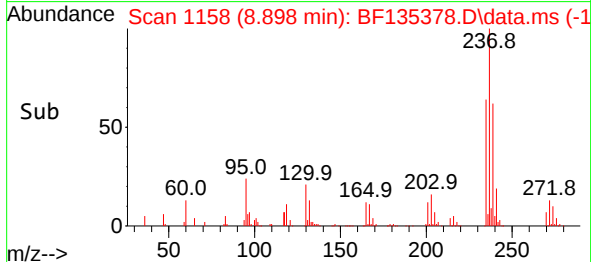
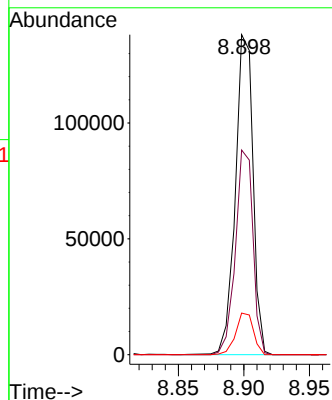
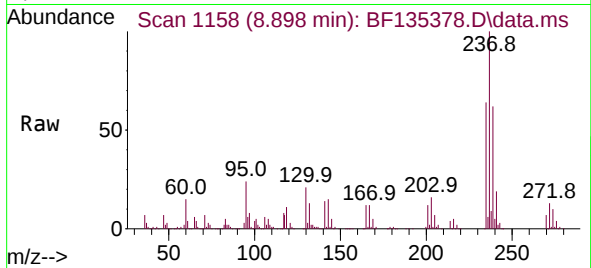




#41
Hexachlorocyclopentadiene
Concen: 40.744 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

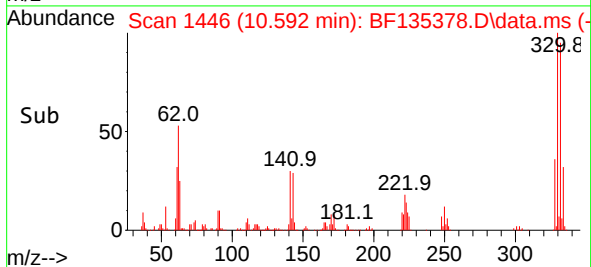
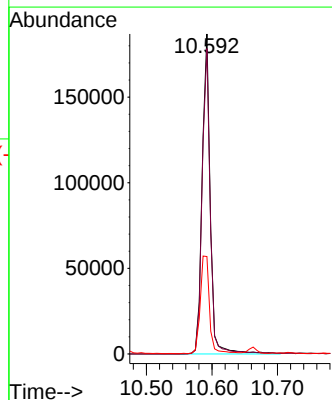
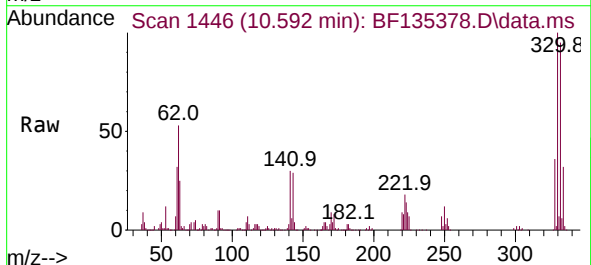
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

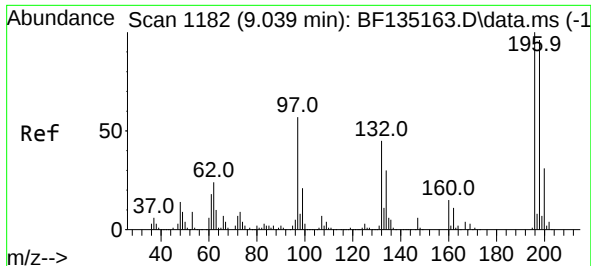
Tgt Ion:237 Resp: 129874
Ion Ratio Lower Upper
237 100
235 64.0 41.8 81.8
272 13.0 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 58.533 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

Tgt Ion:330 Resp: 161023
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 34.9 25.8 38.8

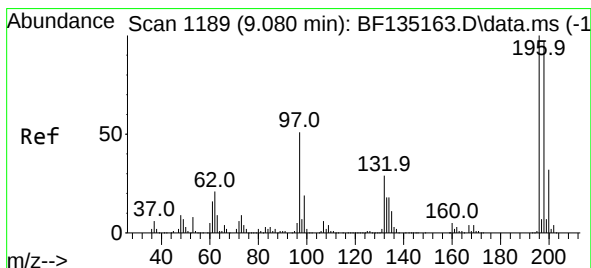
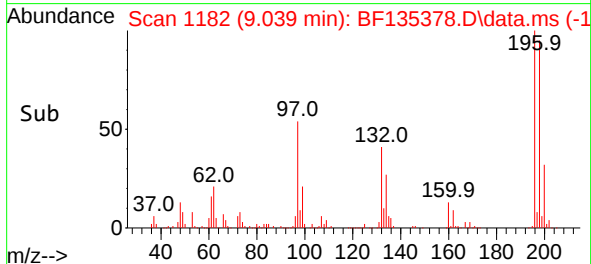
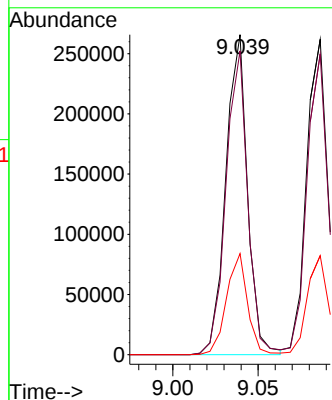
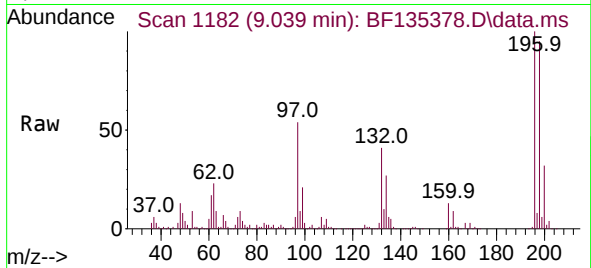




#43
2,4,6-Trichlorophenol
Concen: 44.870 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

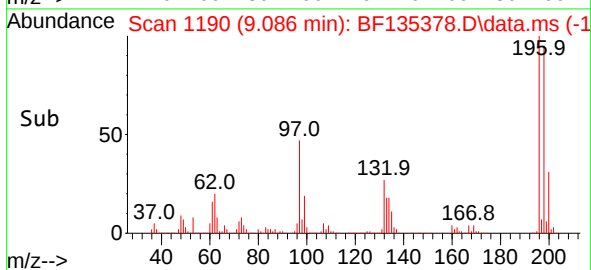
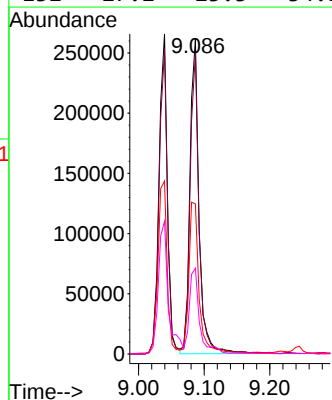
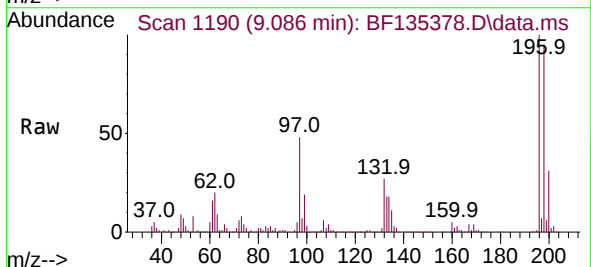
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BNA_F
ClientSampleId :
TP-1MSD

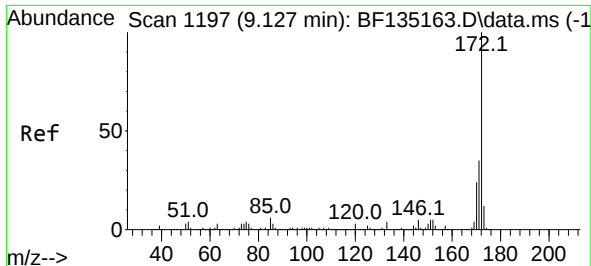
Tgt Ion:196 Resp: 235609
Ion Ratio Lower Upper
196 100
198 94.9 77.0 115.6
200 31.6 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 41.937 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

Tgt Ion:196 Resp: 253596
Ion Ratio Lower Upper
196 100
198 95.4 77.5 116.3
97 47.6 40.5 60.7
132 27.2 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 50.278 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BF135378.D

Acq: 21 Sep 2023 14:01

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

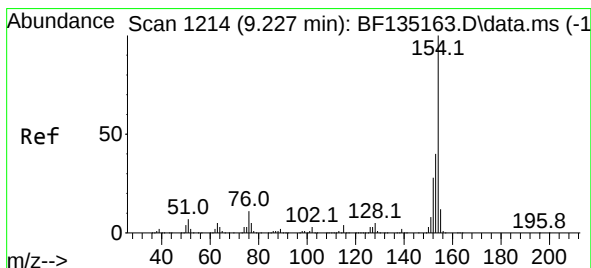
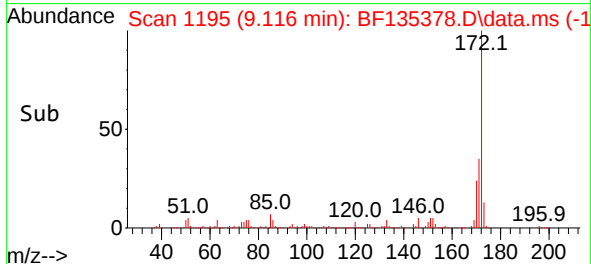
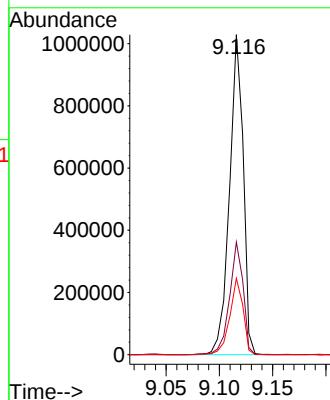
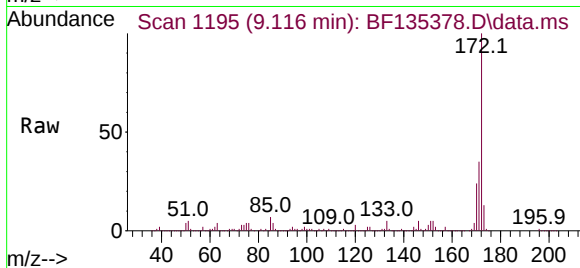
Tgt Ion:172 Resp: 922523

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.8 19.0 28.4



#46

1,1'-Biphenyl

Concen: 44.009 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF135378.D

Acq: 21 Sep 2023 14:01

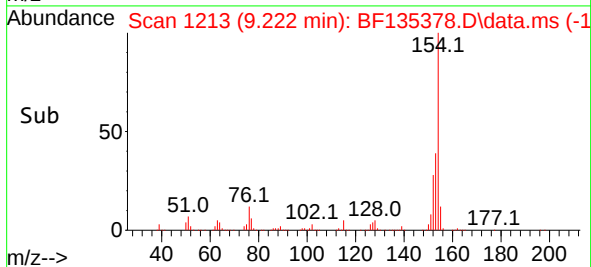
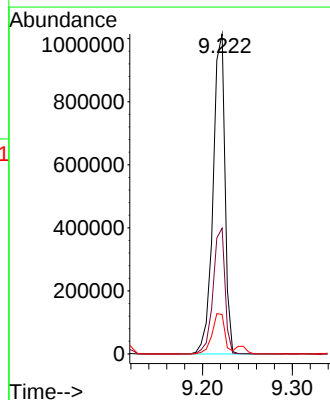
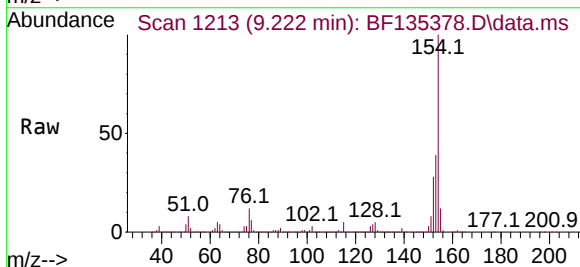
Tgt Ion:154 Resp: 936220

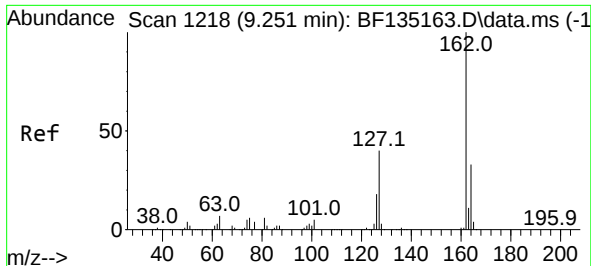
Ion Ratio Lower Upper

154 100

153 39.3 19.6 59.6

76 12.3 0.0 31.0





#47

2-Chloronaphthalene

Concen: 45.104 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF135378.D

Acq: 21 Sep 2023 14:01

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

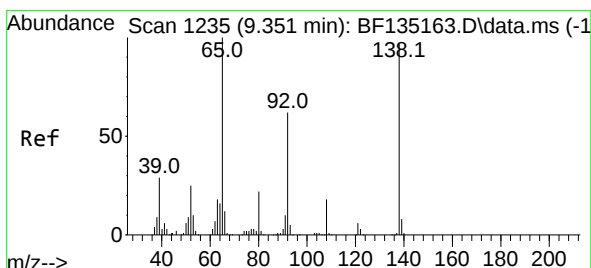
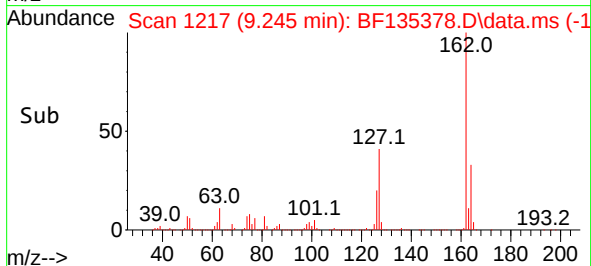
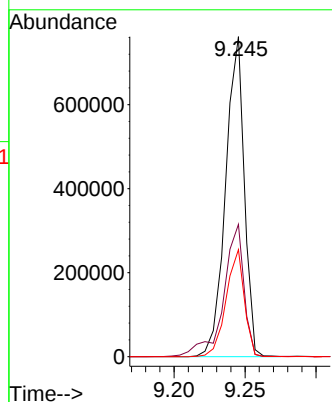
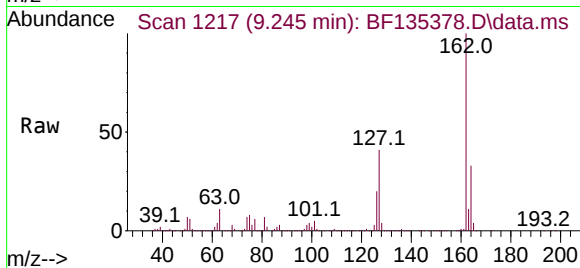
Tgt Ion:162 Resp: 696196

Ion Ratio Lower Upper

162 100

127 41.3 32.6 48.8

164 33.5 26.2 39.2



#48

2-Nitroaniline

Concen: 45.135 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF135378.D

Acq: 21 Sep 2023 14:01

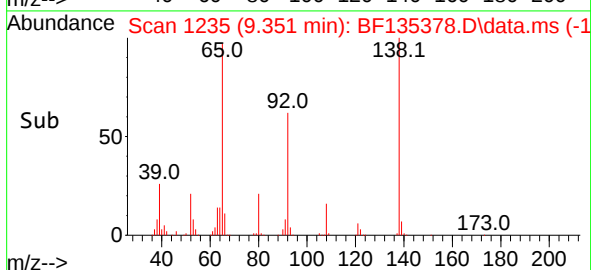
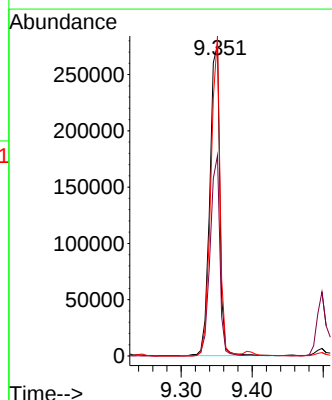
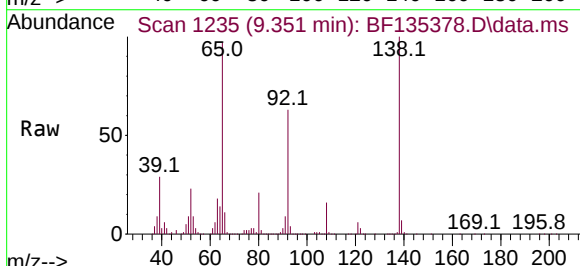
Tgt Ion: 65 Resp: 270653

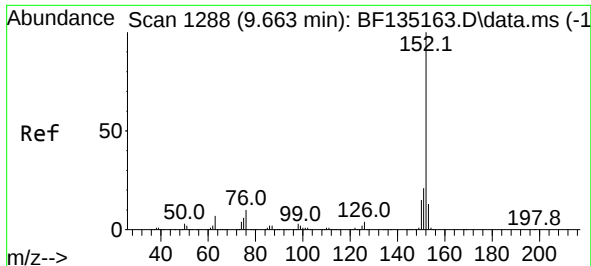
Ion Ratio Lower Upper

65 100

92 64.3 49.4 74.0

138 102.7 77.4 116.0

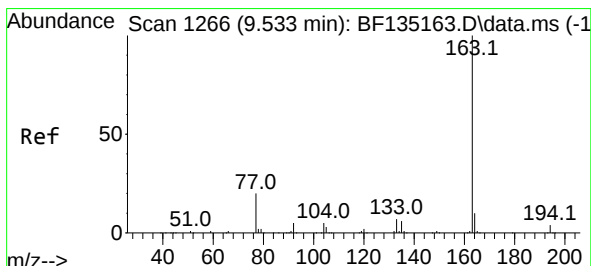
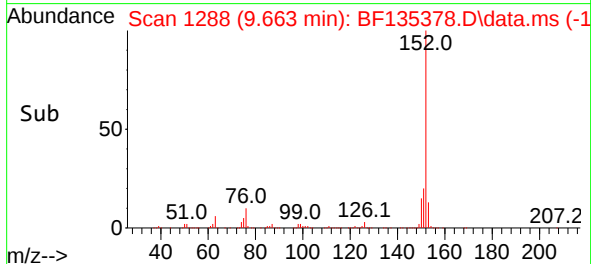
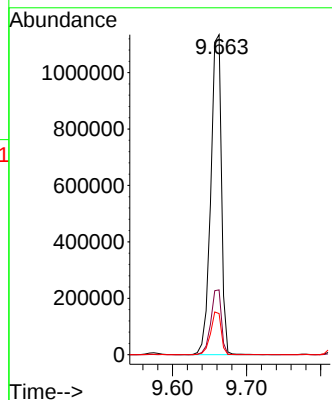
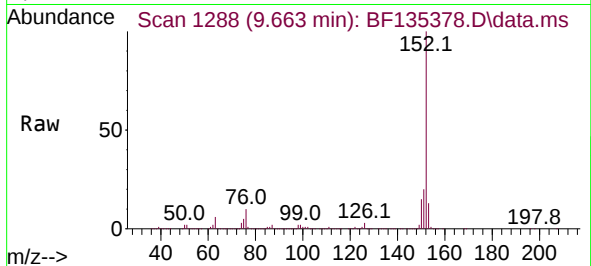




#49
Acenaphthylene
Concen: 44.070 ng
RT: 9.663 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

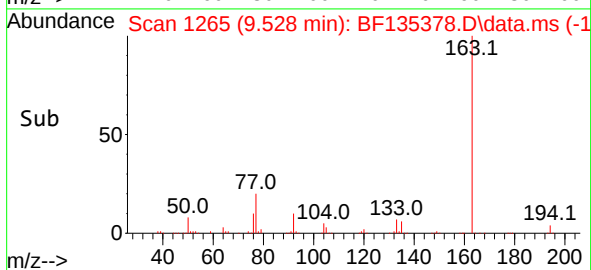
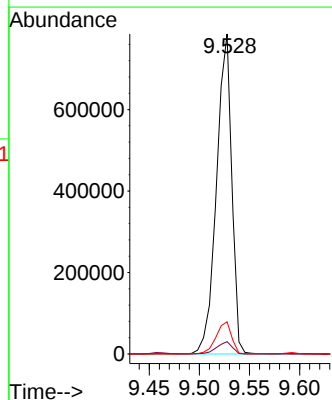
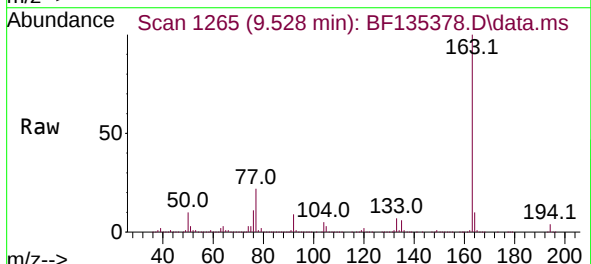
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

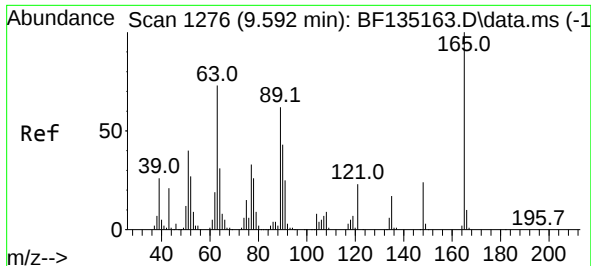
Tgt Ion:152 Resp: 1130505
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 12.8 10.4 15.6



#50
Dimethylphthalate
Concen: 44.356 ng
RT: 9.528 min Scan# 1265
Delta R.T. -0.005 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

Tgt Ion:163 Resp: 830182
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.1 8.1 12.1

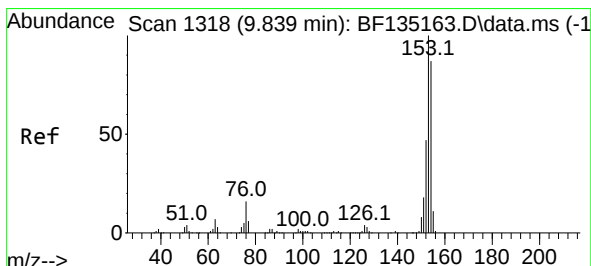
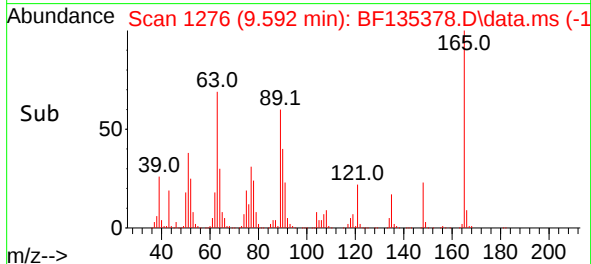
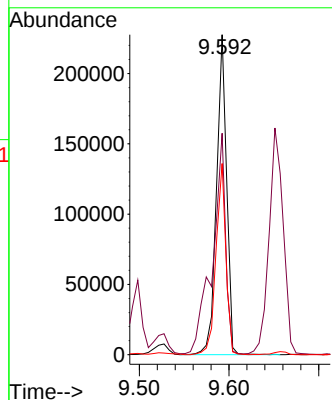
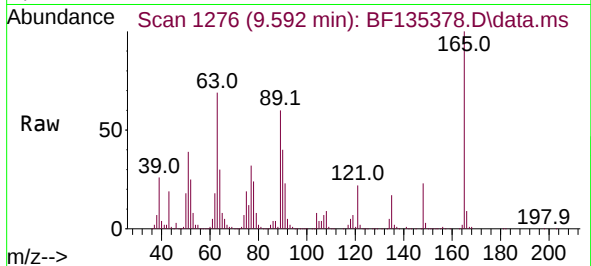




#51
2,6-Dinitrotoluene
Concen: 43.562 ng
RT: 9.592 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

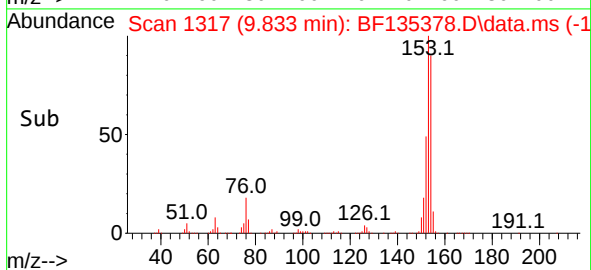
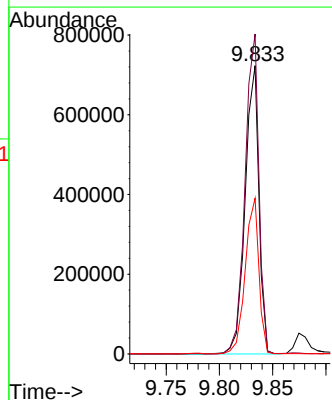
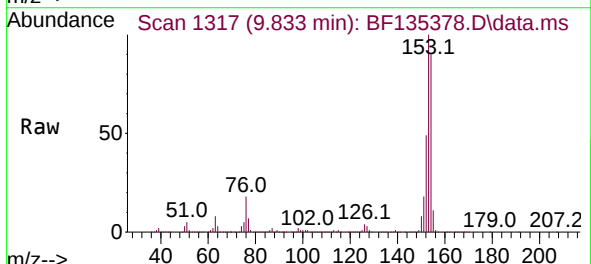
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

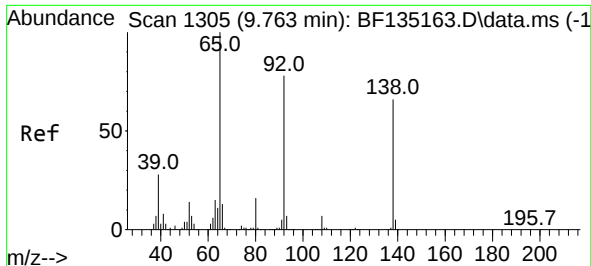
Tgt Ion:165 Resp: 178608
Ion Ratio Lower Upper
165 100
63 69.2 59.4 89.2
89 59.8 49.8 74.8



#52
Acenaphthene
Concen: 43.012 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

Tgt Ion:154 Resp: 651796
Ion Ratio Lower Upper
154 100
153 111.0 92.1 138.1
152 54.0 43.1 64.7

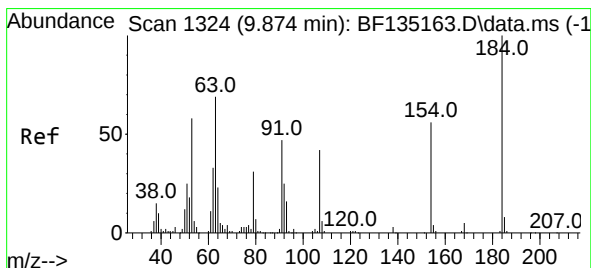
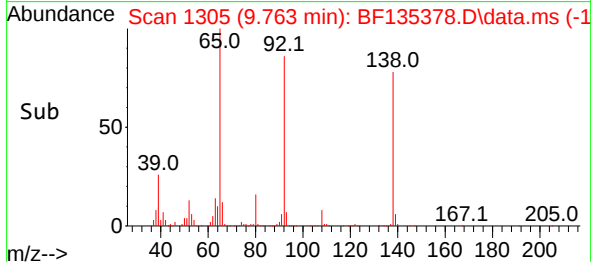
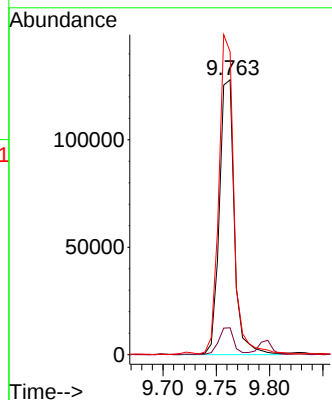
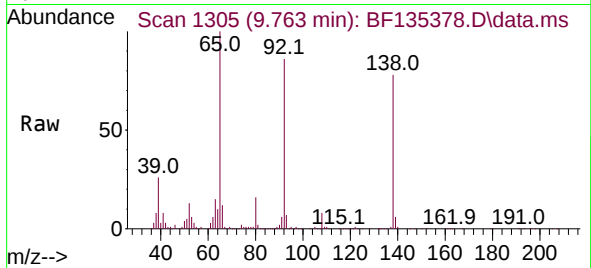




#53
3-Nitroaniline
Concen: 25.977 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

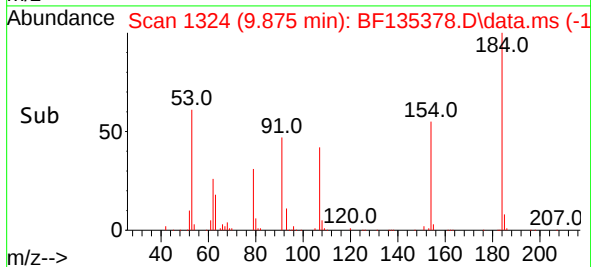
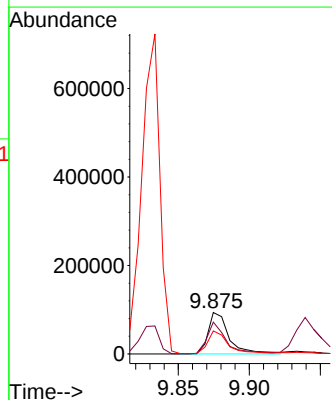
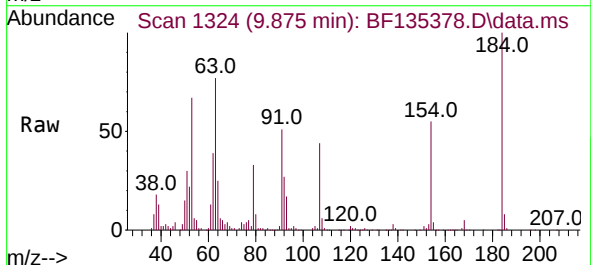
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

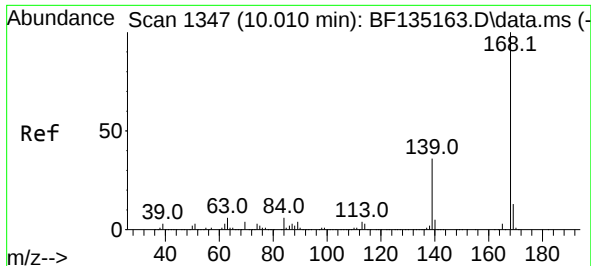
Tgt Ion:138 Resp: 125023
Ion Ratio Lower Upper
138 100
108 9.8 8.5 12.7
92 110.1 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 44.328 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

Tgt Ion:184 Resp: 96144
Ion Ratio Lower Upper
184 100
63 76.6 55.1 82.7
154 55.5 48.4 72.6

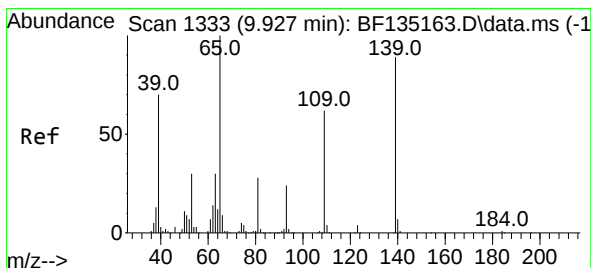
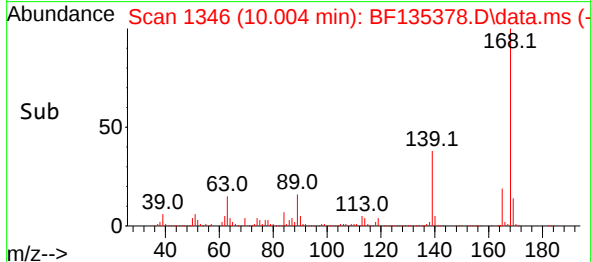
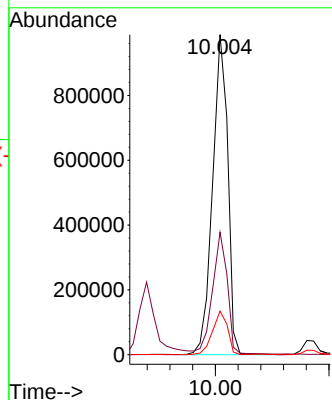
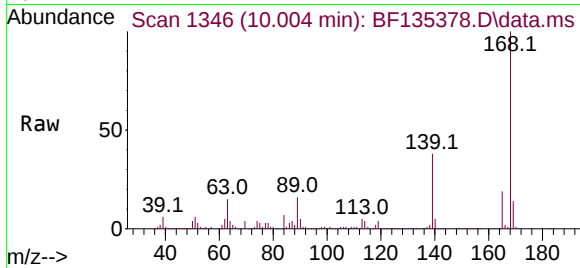




#55
Dibenzenofuran
Concen: 39.497 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

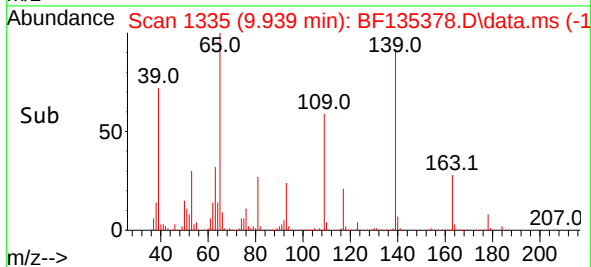
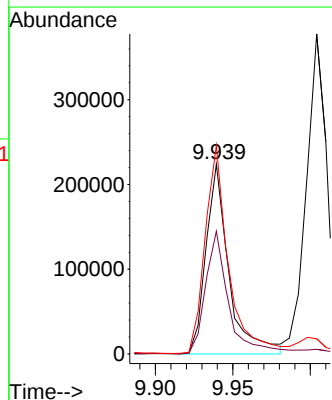
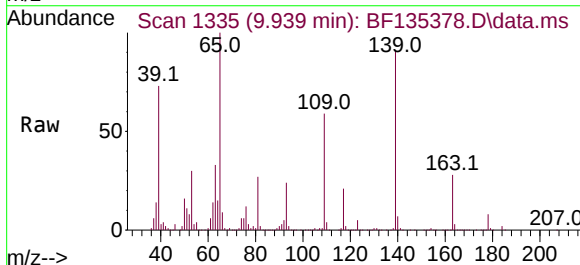
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

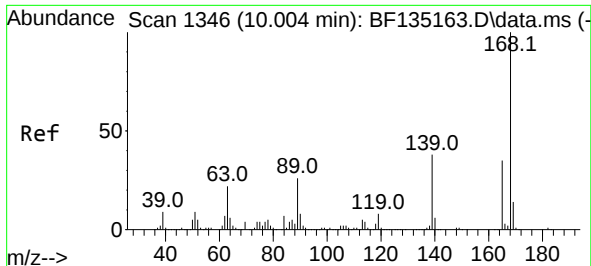
Tgt Ion:168 Resp: 913362
Ion Ratio Lower Upper
168 100
139 38.3 29.0 43.6
169 13.6 10.4 15.6



#56
4-Nitrophenol
Concen: 75.256 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

Tgt Ion:139 Resp: 230193
Ion Ratio Lower Upper
139 100
109 64.7 49.8 89.8
65 110.0 92.7 132.7

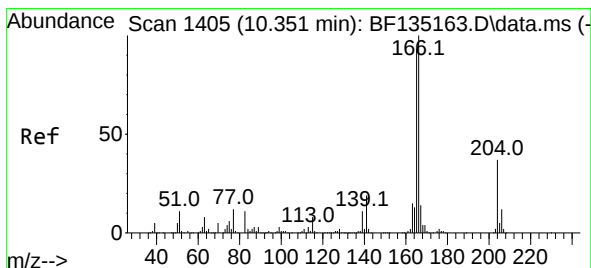
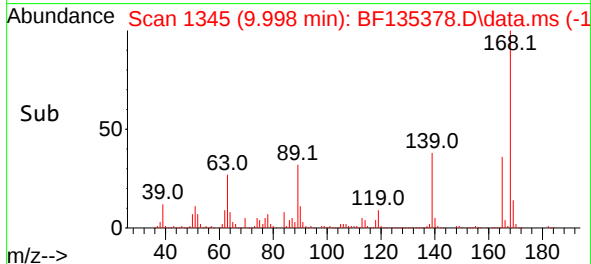
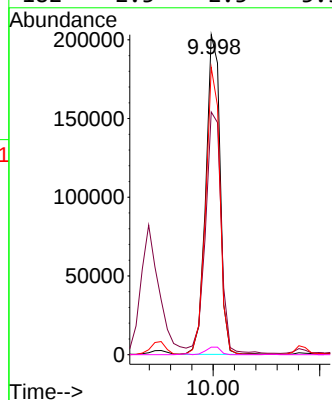
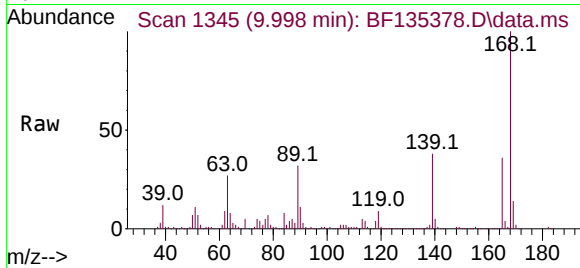




#57
2,4-Dinitrotoluene
Concen: 36.878 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

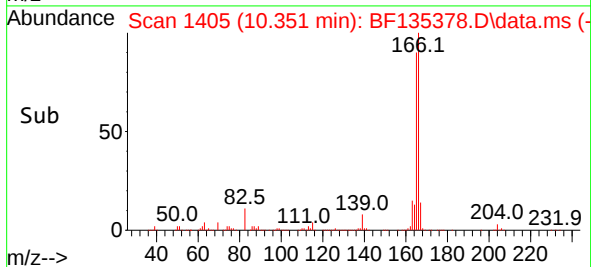
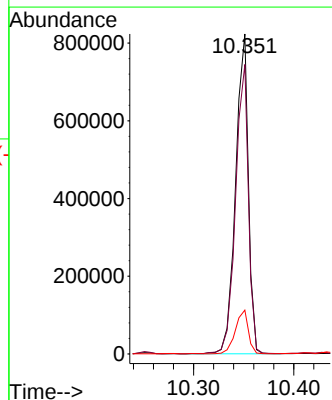
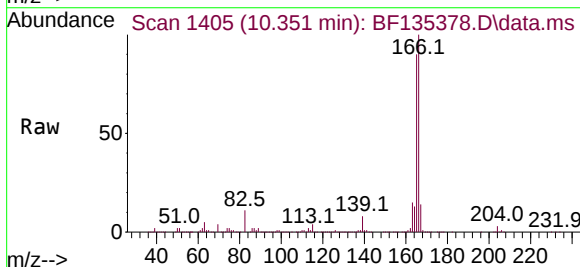
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

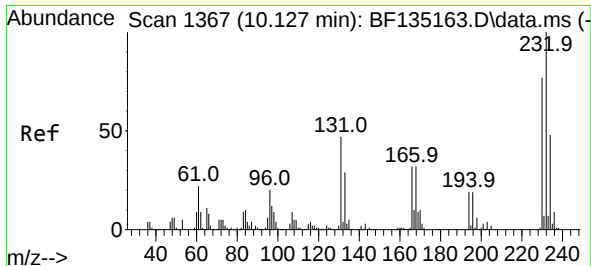
Tgt Ion:165 Resp: 189291
Ion Ratio Lower Upper
165 100
63 75.9 50.1 75.1#
89 89.8 59.3 88.9#
182 2.3 2.3 3.5



#58
Fluorene
Concen: 40.798 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

Tgt Ion:166 Resp: 725278
Ion Ratio Lower Upper
166 100
165 90.4 74.3 111.5
167 13.7 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.468 ng

RT: 10.128 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135378.D

Acq: 21 Sep 2023 14:01

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:232 Resp: 188241

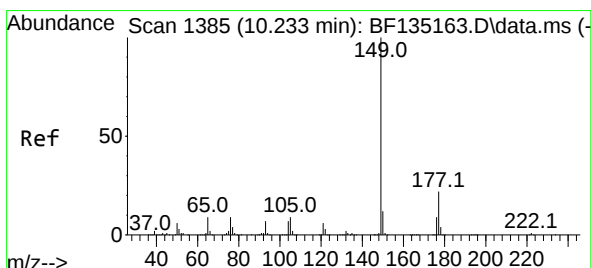
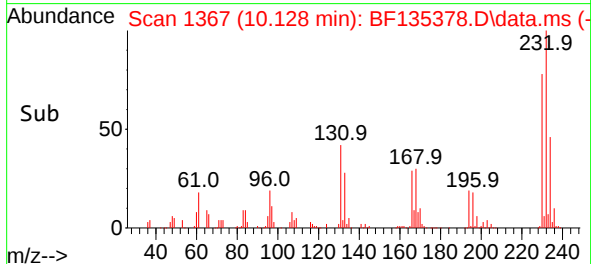
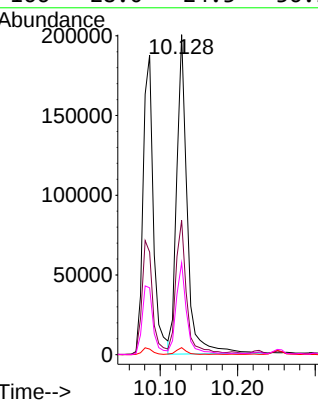
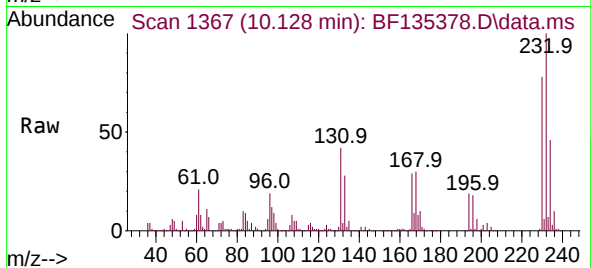
Ion Ratio Lower Upper

232 100

131 41.0 35.4 53.2

130 2.0 1.8 2.8

166 28.0 24.3 36.5



#60

Diethylphthalate

Concen: 42.042 ng

RT: 10.228 min Scan# 1384

Delta R.T. -0.006 min

Lab File: BF135378.D

Acq: 21 Sep 2023 14:01

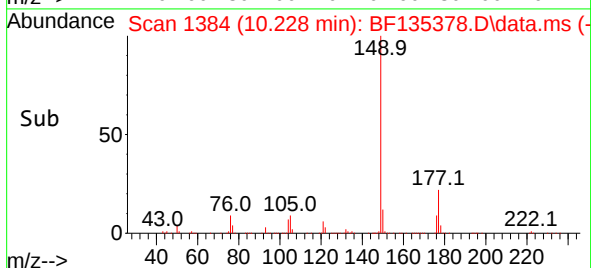
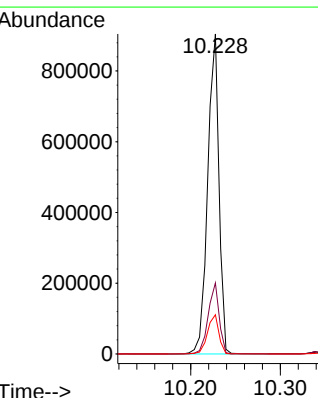
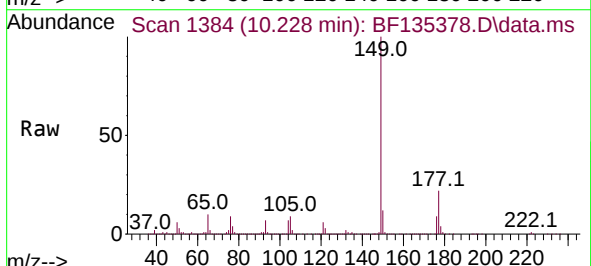
Tgt Ion:149 Resp: 789686

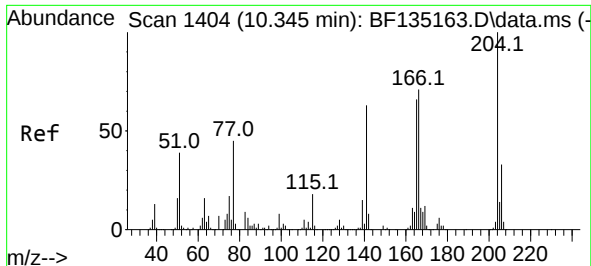
Ion Ratio Lower Upper

149 100

177 22.2 17.8 26.6

150 12.3 10.0 15.0

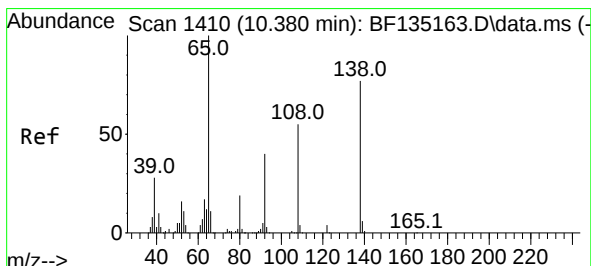
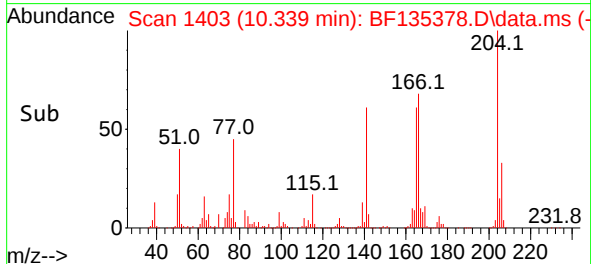
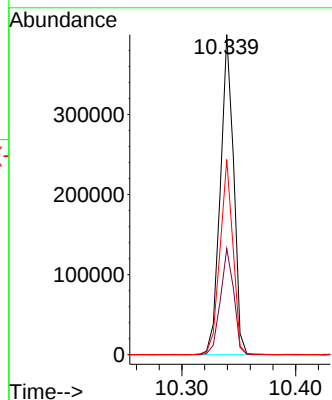
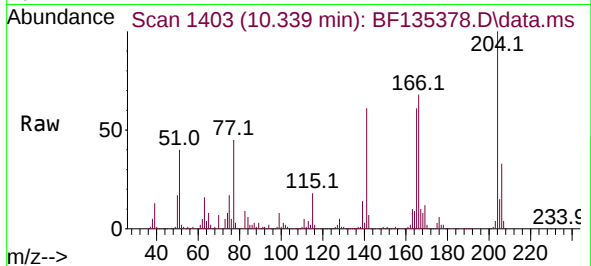




#61
4-Chlorophenyl-phenylether
Concen: 38.069 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

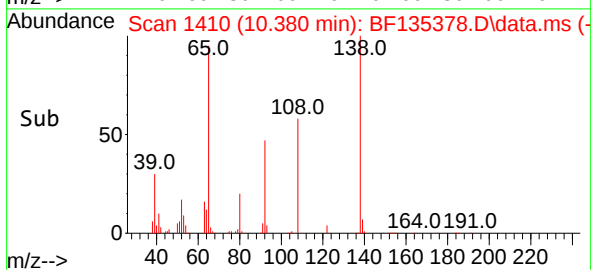
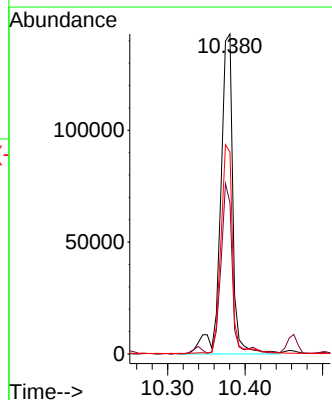
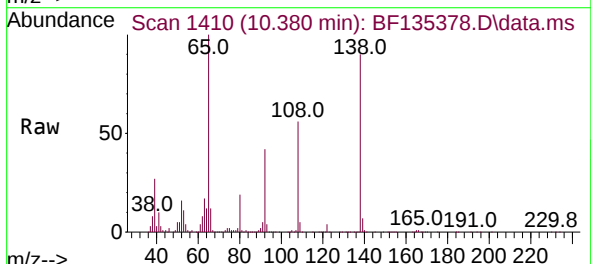
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

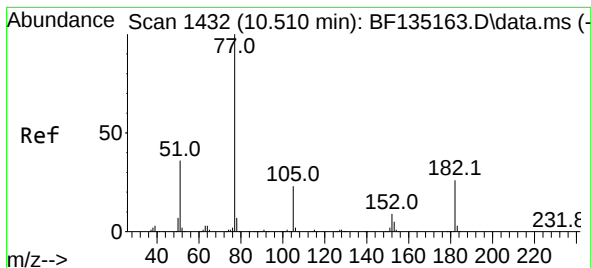
Tgt Ion:204 Resp: 325099
Ion Ratio Lower Upper
204 100
206 33.2 26.7 40.1
141 61.0 50.6 75.8



#62
4-Nitroaniline
Concen: 34.229 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

Tgt Ion:138 Resp: 158356
Ion Ratio Lower Upper
138 100
92 47.2 31.8 71.8
108 63.1 52.0 92.0





#63

Azobenzene

Concen: 41.677 ng

RT: 10.504 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF135378.D

Acq: 21 Sep 2023 14:01

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion: 77 Resp: 766152

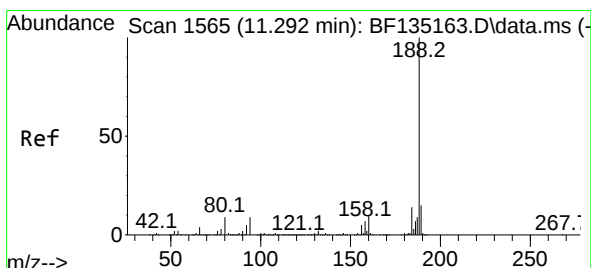
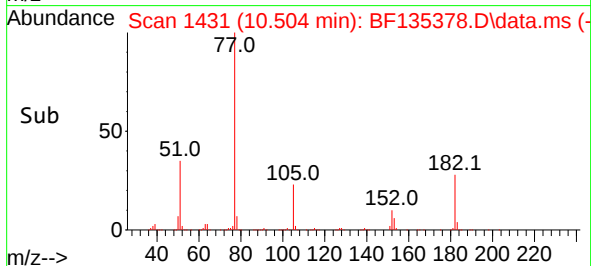
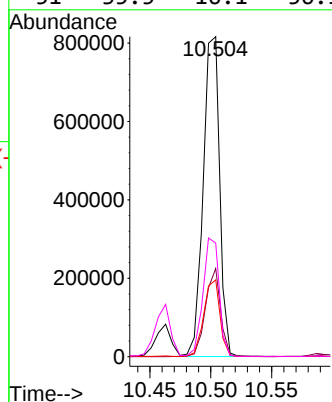
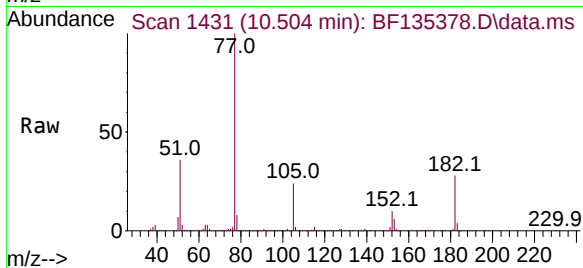
Ion Ratio Lower Upper

77 100

182 27.6 6.4 46.4

105 24.0 3.1 43.1

51 35.5 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 1564

Delta R.T. -0.006 min

Lab File: BF135378.D

Acq: 21 Sep 2023 14:01

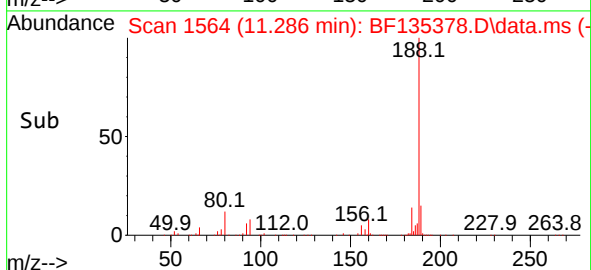
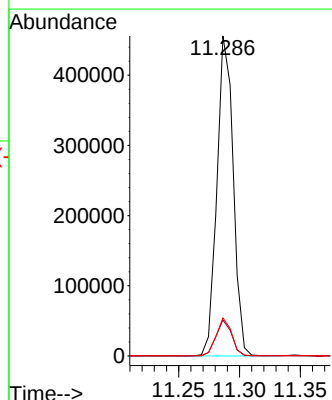
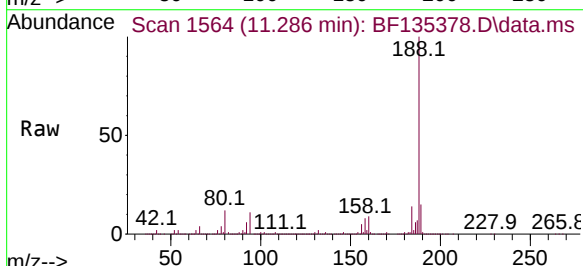
Tgt Ion: 188 Resp: 424230

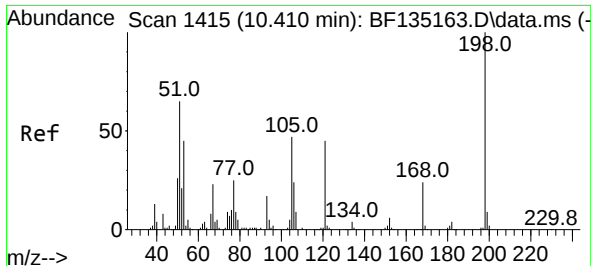
Ion Ratio Lower Upper

188 100

94 11.3 7.0 10.6#

80 11.9 7.5 11.3#

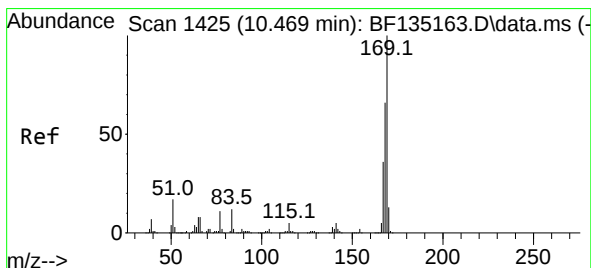
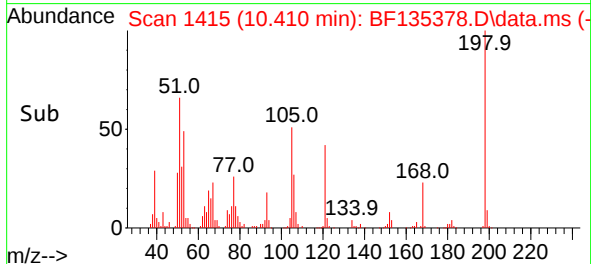
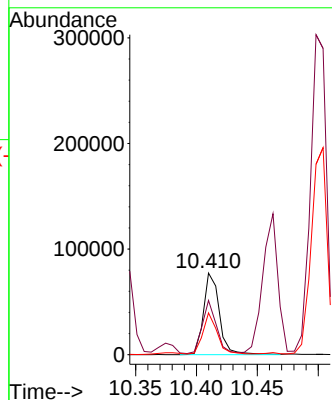
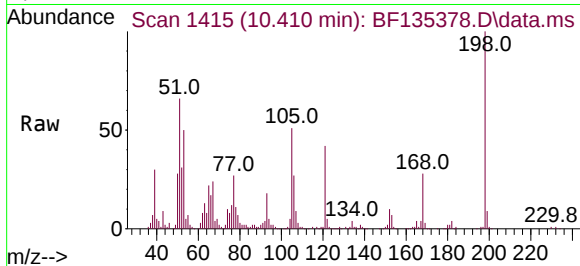




#65
4,6-Dinitro-2-methylphenol
Concen: 30.959 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

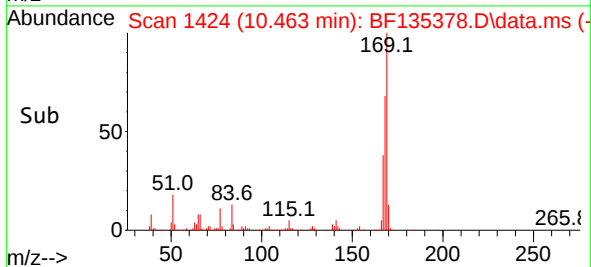
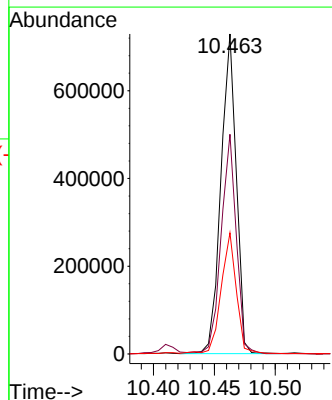
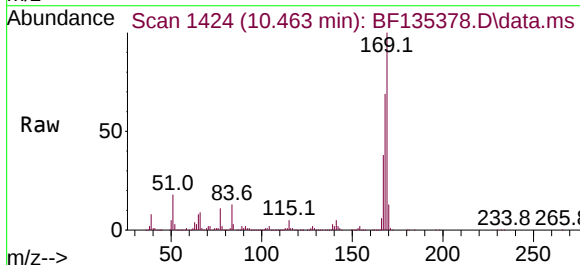
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

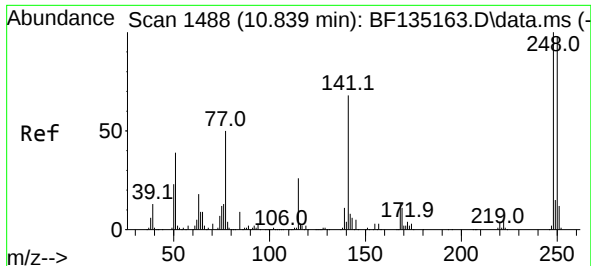
Tgt Ion:198 Resp: 69758
Ion Ratio Lower Upper
198 100
51 66.4 47.7 87.7
105 51.2 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 49.760 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

Tgt Ion:169 Resp: 639092
Ion Ratio Lower Upper
169 100
168 68.6 52.8 79.2
167 37.9 29.0 43.6

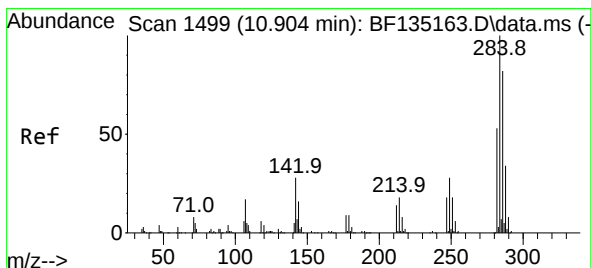
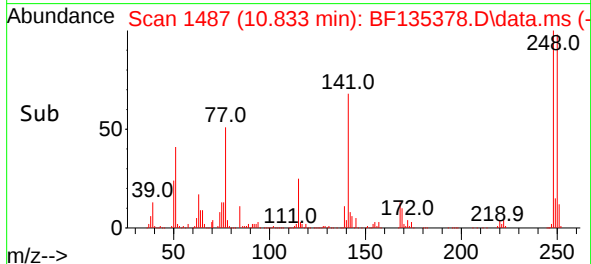
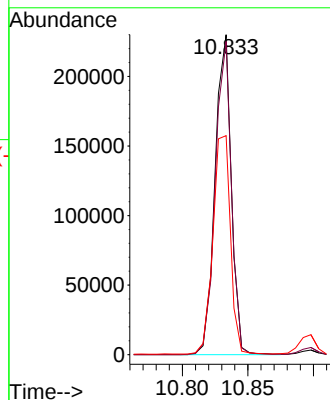
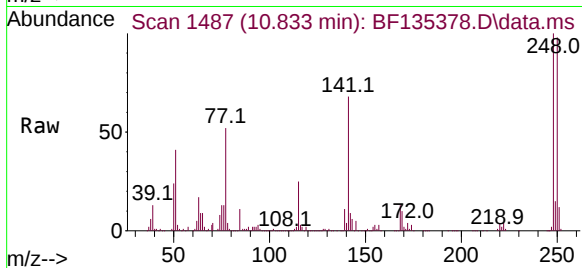




#67
4-Bromophenyl-phenylether
Concen: 46.910 ng
RT: 10.833 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

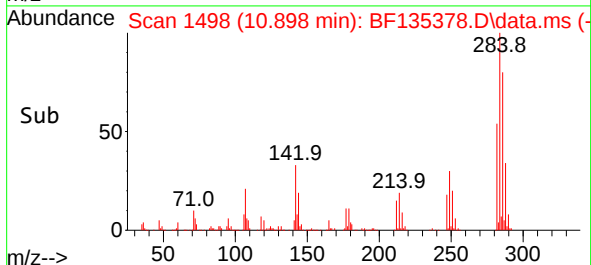
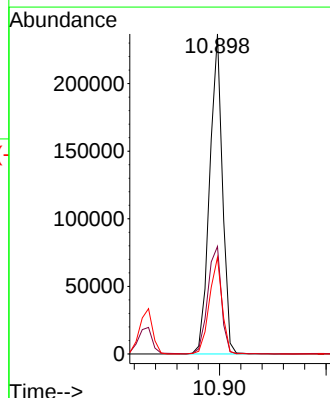
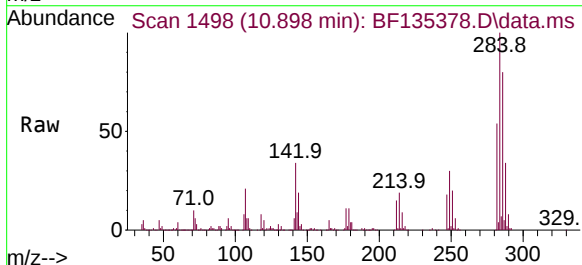
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

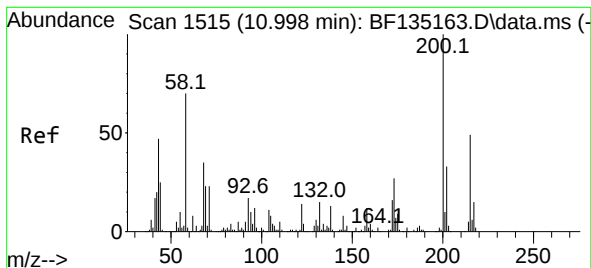
Tgt Ion:248 Resp: 197927
Ion Ratio Lower Upper
248 100
250 97.9 78.6 117.8
141 68.4 54.2 81.2



#68
Hexachlorobenzene
Concen: 45.898 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

Tgt Ion:284 Resp: 197293
Ion Ratio Lower Upper
284 100
142 33.6 22.2 33.4#
249 30.2 22.5 33.7





#69

Atrazine

Concen: 53.167 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF135378.D

Acq: 21 Sep 2023 14:01

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

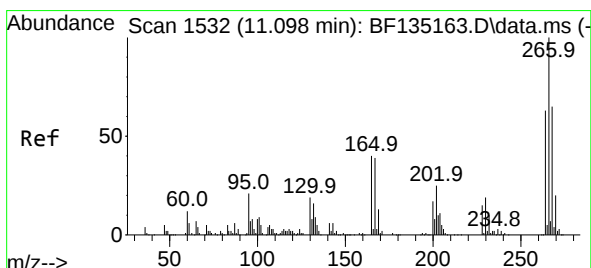
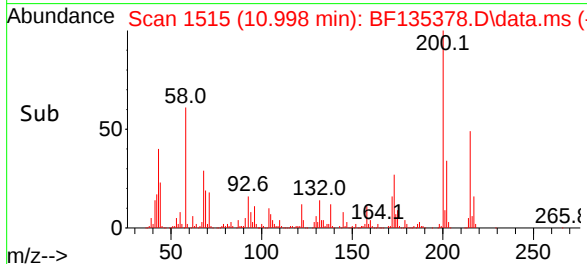
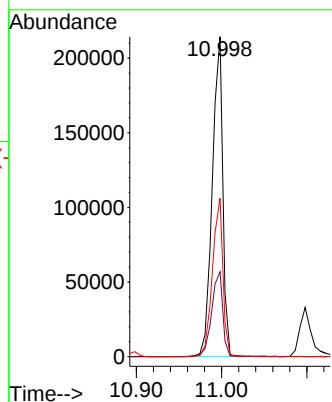
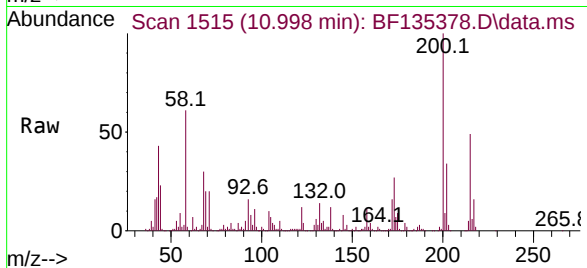
Tgt Ion:200 Resp: 183736

Ion Ratio Lower Upper

200 100

173 26.6 7.4 47.4

215 49.5 28.6 68.6



#70

Pentachlorophenol

Concen: 74.568 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF135378.D

Acq: 21 Sep 2023 14:01

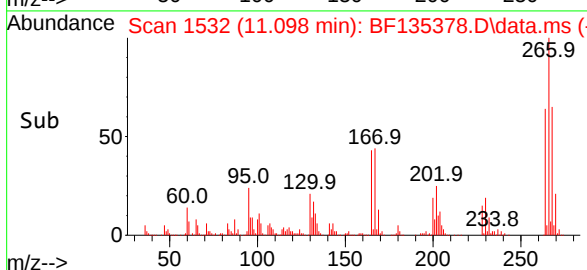
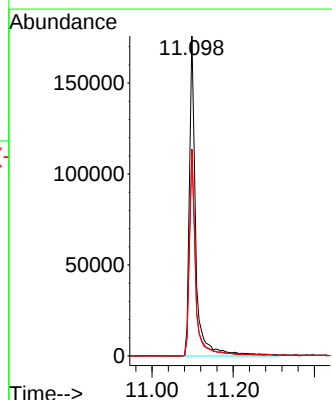
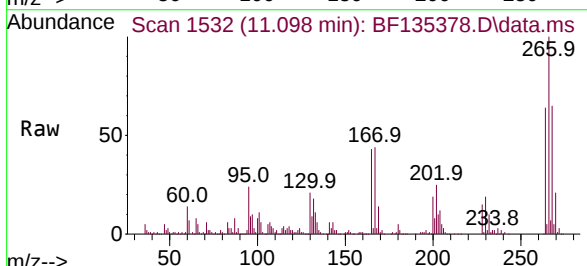
Tgt Ion:266 Resp: 191771

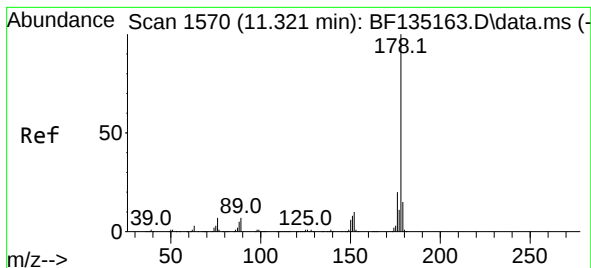
Ion Ratio Lower Upper

266 100

268 64.6 52.1 78.1

264 64.3 50.8 76.2





#71

Phenanthrene

Concen: 58.903 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF135378.D

Acq: 21 Sep 2023 14:01

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

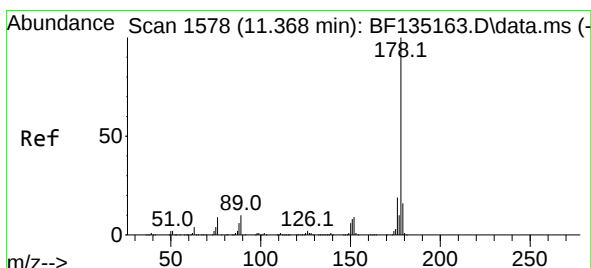
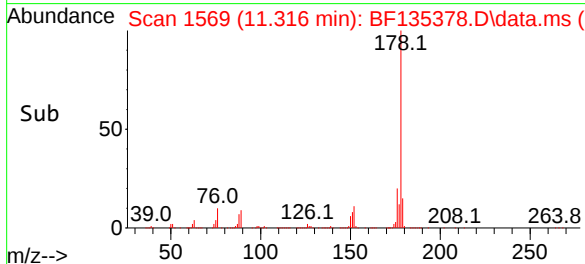
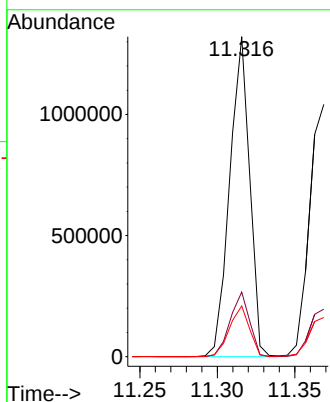
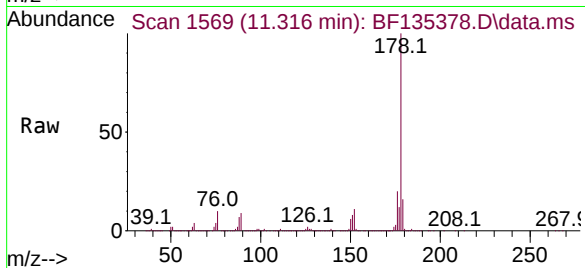
Tgt Ion:178 Resp: 1181852

Ion Ratio Lower Upper

178 100

176 20.2 15.6 23.4

179 15.8 12.0 18.0



#72

Anthracene

Concen: 46.249 ng

RT: 11.369 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF135378.D

Acq: 21 Sep 2023 14:01

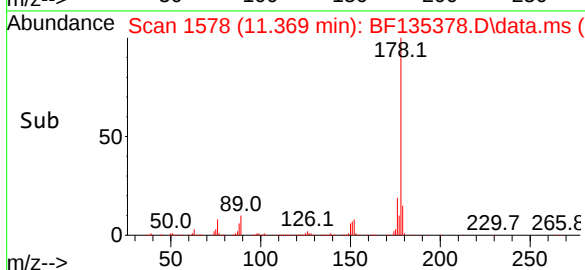
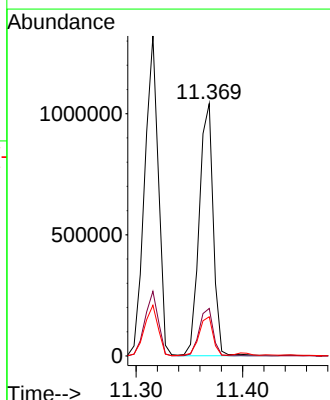
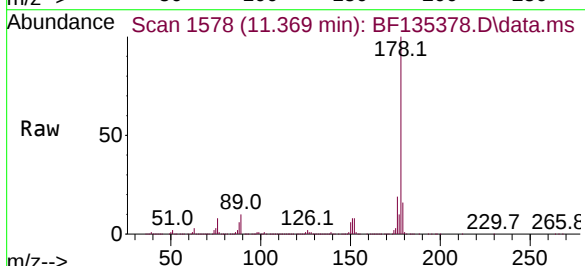
Tgt Ion:178 Resp: 953825

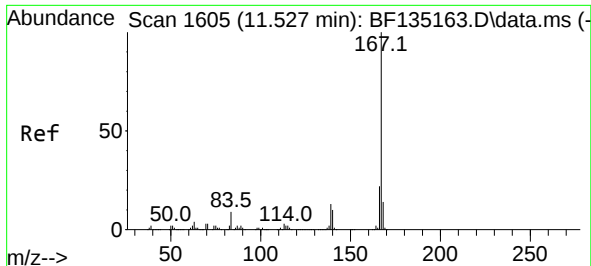
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

179 15.5 12.6 19.0

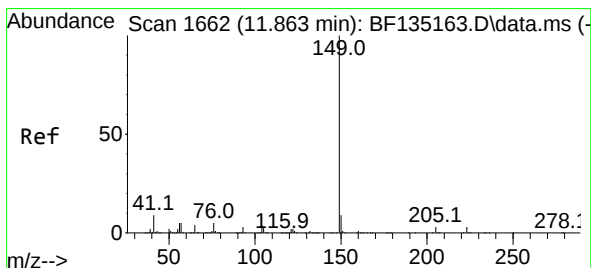
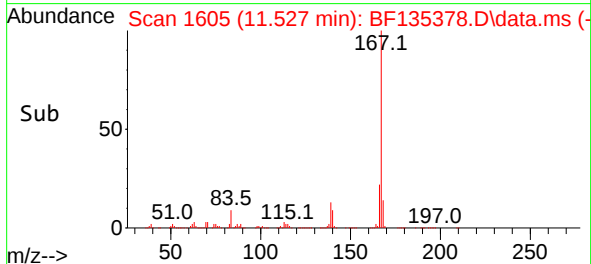
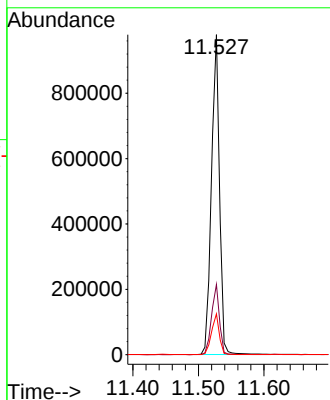
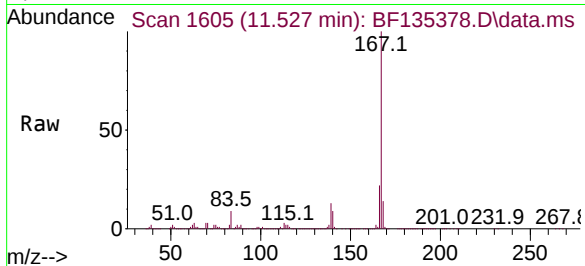




#73
 Carbazole
 Concen: 44.694 ng
 RT: 11.527 min Scan# 1605
 Delta R.T. 0.000 min
 Lab File: BF135378.D
 Acq: 21 Sep 2023 14:01

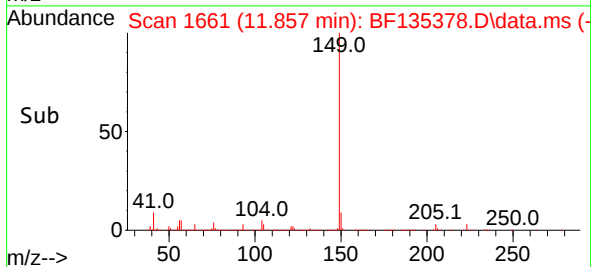
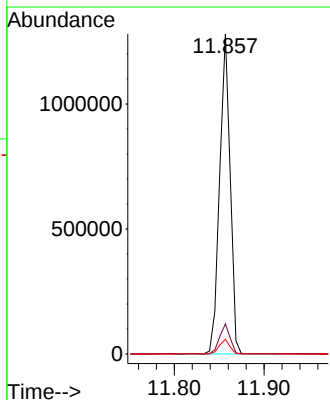
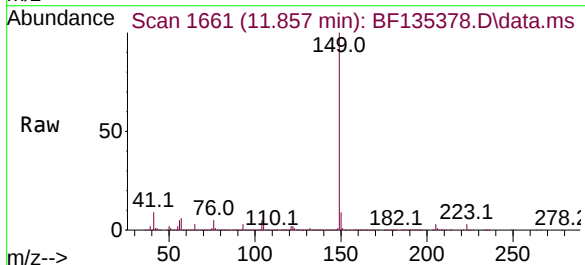
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

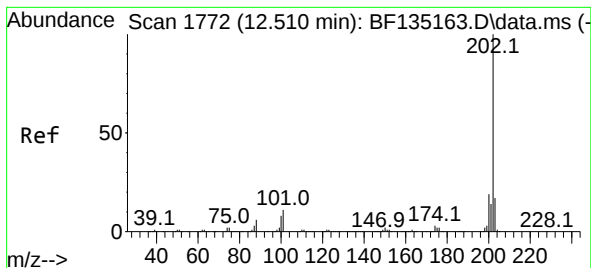
Tgt Ion:167 Resp: 839098
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 12.7 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 47.085 ng
 RT: 11.857 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF135378.D
 Acq: 21 Sep 2023 14:01

Tgt Ion:149 Resp: 1041645
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 4.6 3.6 5.4

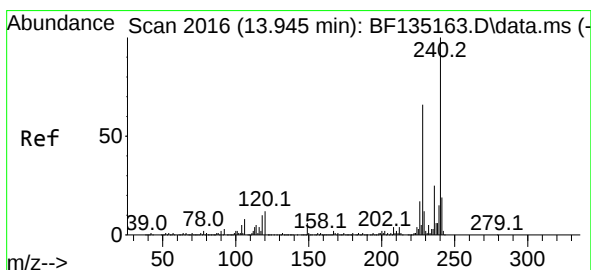
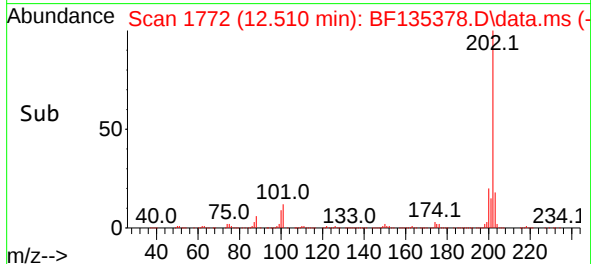
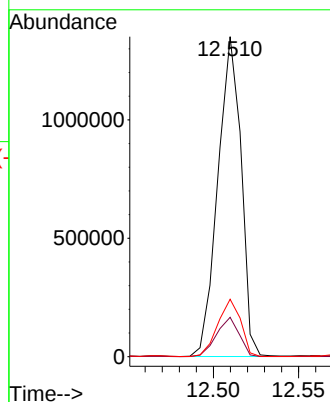
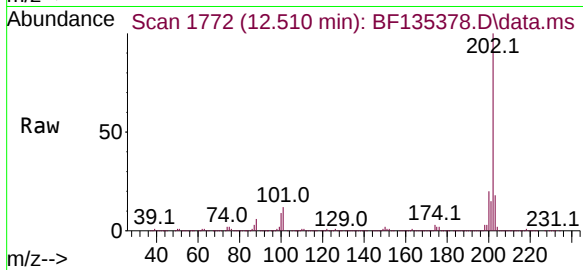




#75
Fluoranthene
Concen: 61.279 ng
RT: 12.510 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

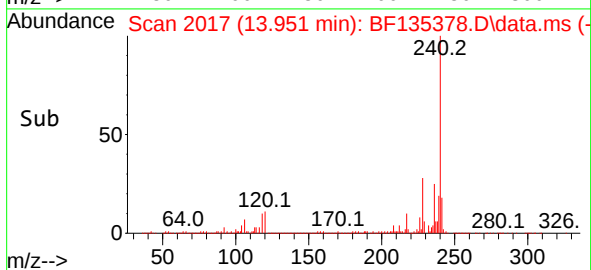
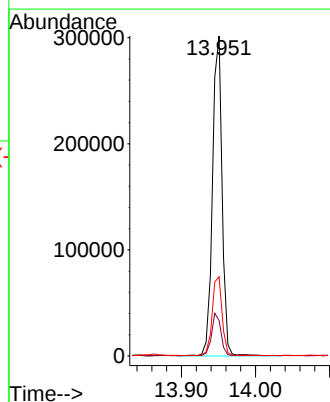
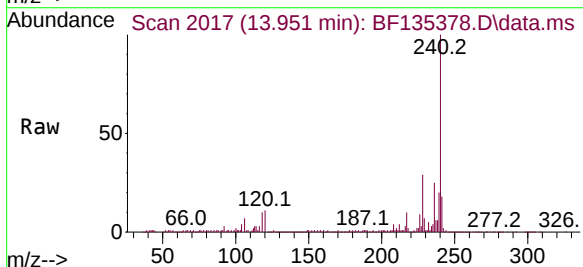
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

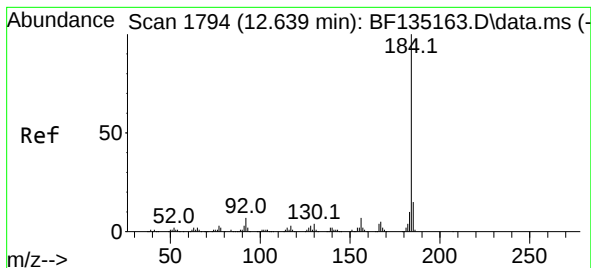
Tgt Ion:202 Resp: 1281151
Ion Ratio Lower Upper
202 100
101 12.3 0.0 31.3
203 17.9 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

Tgt Ion:240 Resp: 271789
Ion Ratio Lower Upper
240 100
120 11.1 9.4 14.2
236 24.8 19.8 29.8





#77

Benzidine

Concen: 82.880 ng

RT: 12.639 min Scan# 1794

Delta R.T. 0.000 min

Lab File: BF135378.D

Acq: 21 Sep 2023 14:01

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

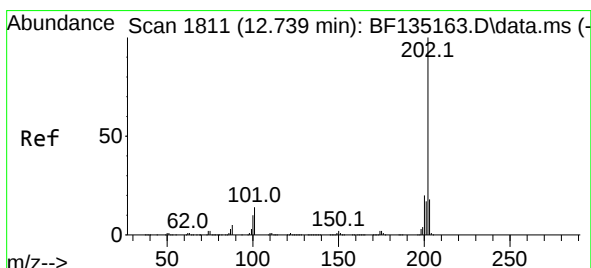
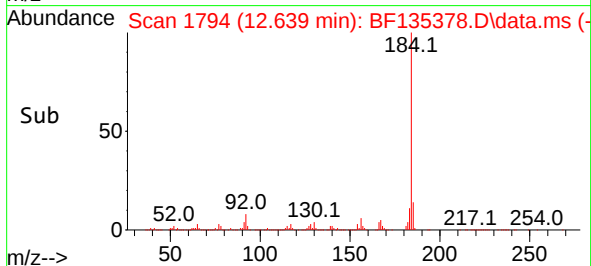
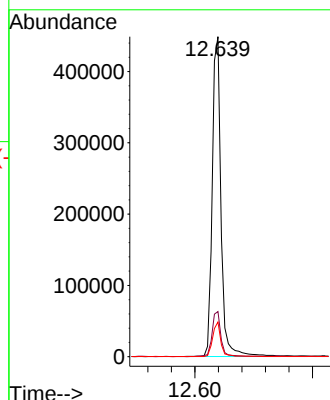
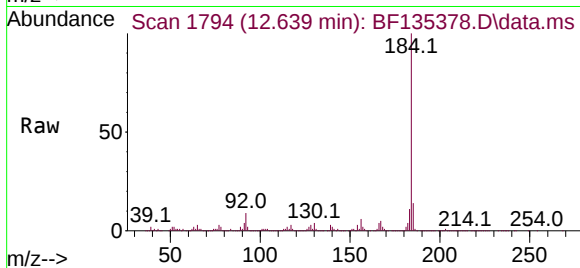
Tgt Ion:184 Resp: 461485

Ion Ratio Lower Upper

184 100

185 14.1 11.7 17.5

183 10.9 8.2 12.4



#78

Pyrene

Concen: 49.599 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF135378.D

Acq: 21 Sep 2023 14:01

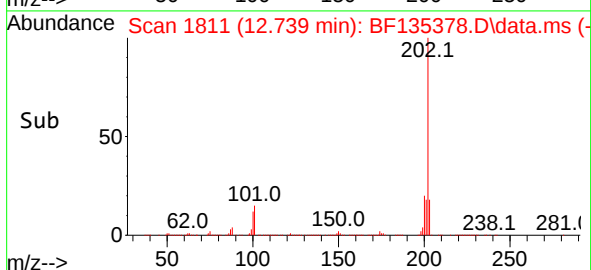
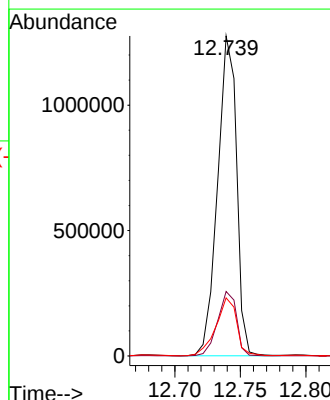
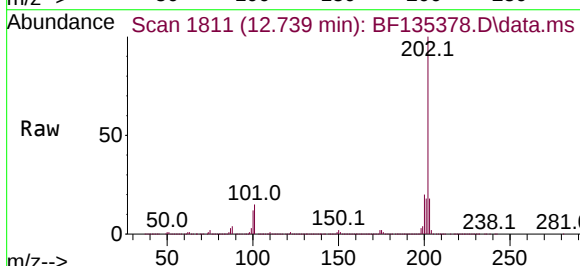
Tgt Ion:202 Resp: 1283453

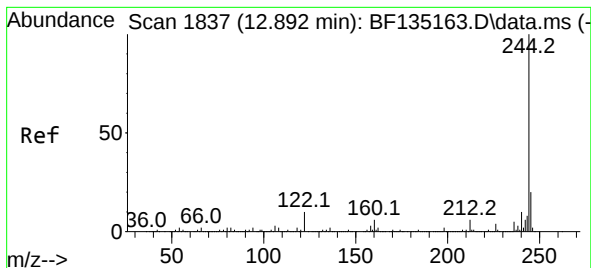
Ion Ratio Lower Upper

202 100

200 20.1 16.2 24.2

203 18.2 14.2 21.4





#79

Terphenyl-d14

Concen: 38.543 ng

RT: 12.880 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135378.D

Acq: 21 Sep 2023 14:01

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

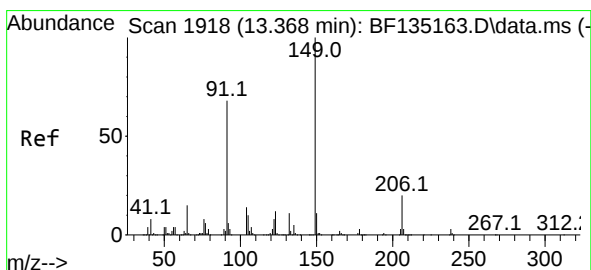
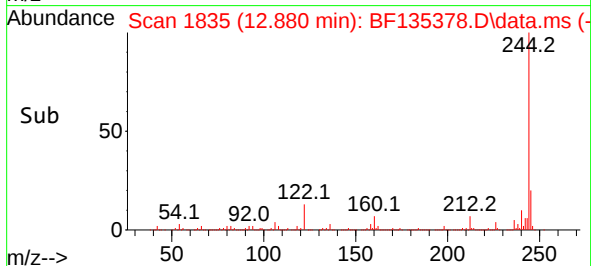
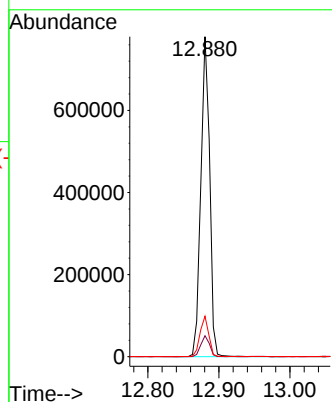
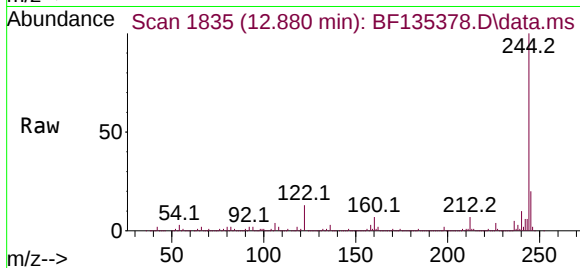
Tgt Ion:244 Resp: 675764

Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 12.6 7.9 11.9#



#80

Butylbenzylphthalate

Concen: 43.248 ng

RT: 13.363 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF135378.D

Acq: 21 Sep 2023 14:01

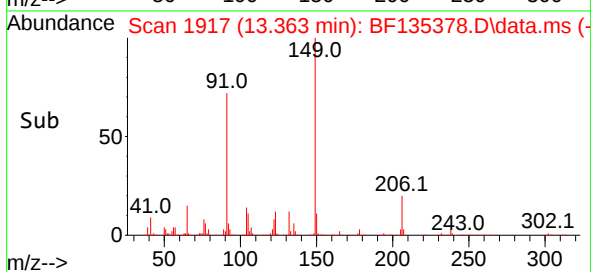
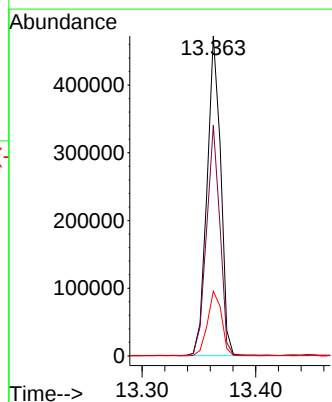
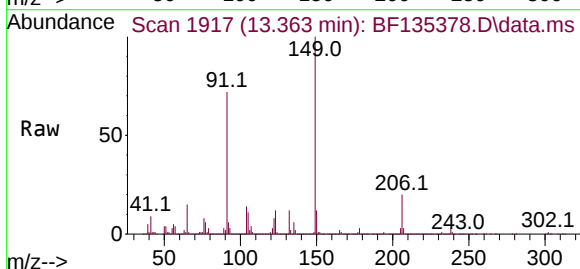
Tgt Ion:149 Resp: 394016

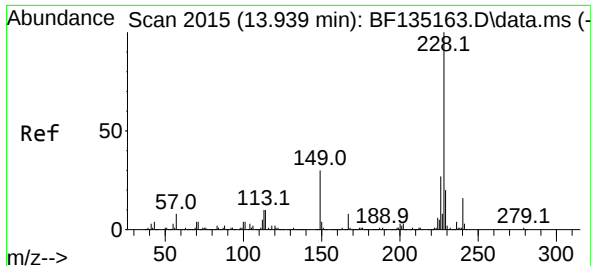
Ion Ratio Lower Upper

149 100

91 72.1 54.7 82.1

206 20.3 16.3 24.5

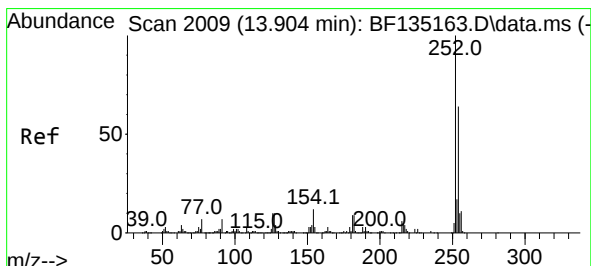
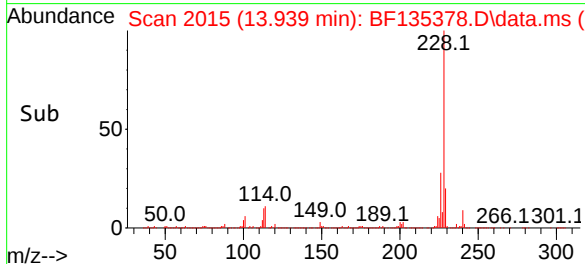
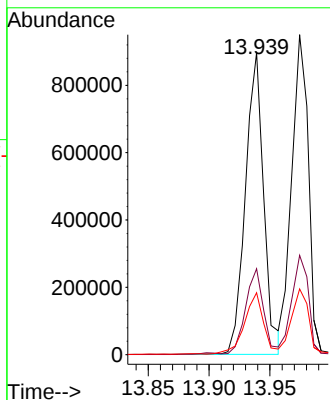
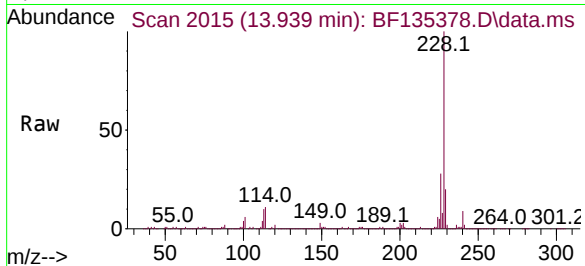




#81
Benzo(a)anthracene
Concen: 53.321 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

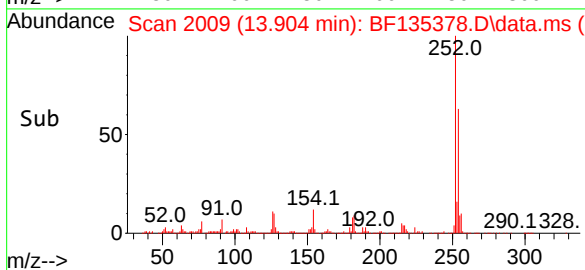
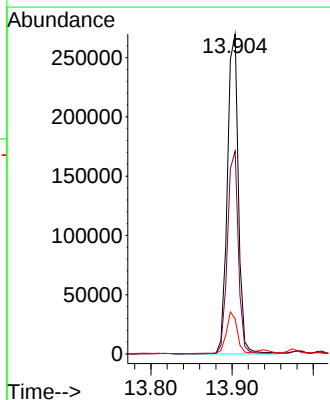
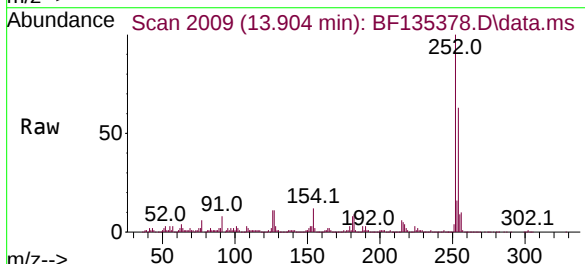
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

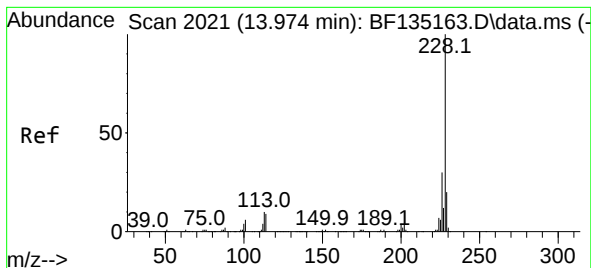
Tgt Ion:228 Resp: 935791
Ion Ratio Lower Upper
228 100
226 28.4 21.7 32.5
229 20.5 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 46.546 ng
RT: 13.904 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

Tgt Ion:252 Resp: 255158
Ion Ratio Lower Upper
252 100
254 63.4 51.0 76.4
126 11.0 7.8 11.8





#83

Chrysene

Concen: 51.803 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF135378.D

Acq: 21 Sep 2023 14:01

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

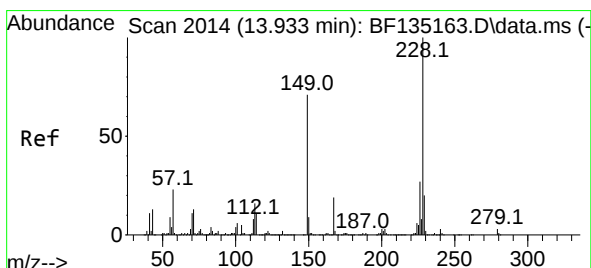
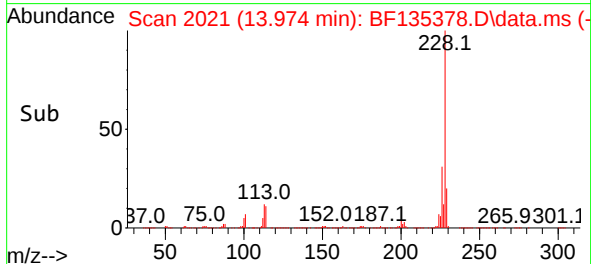
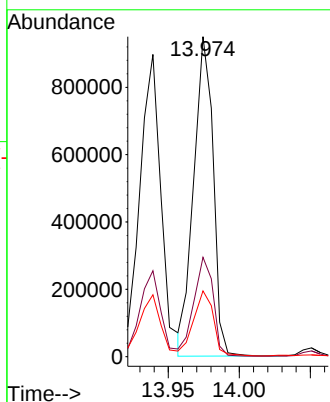
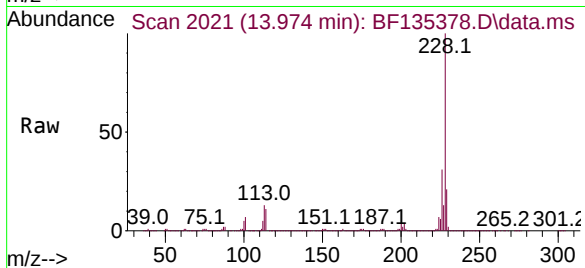
Tgt Ion:228 Resp: 903898

Ion Ratio Lower Upper

228 100

226 31.1 24.3 36.5

229 20.5 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.824 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF135378.D

Acq: 21 Sep 2023 14:01

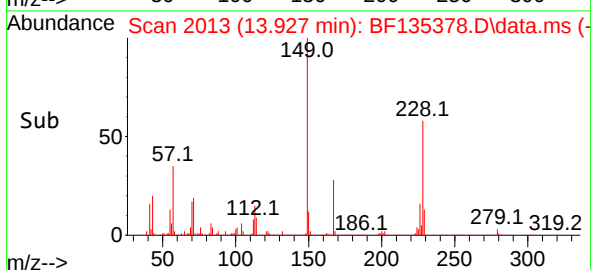
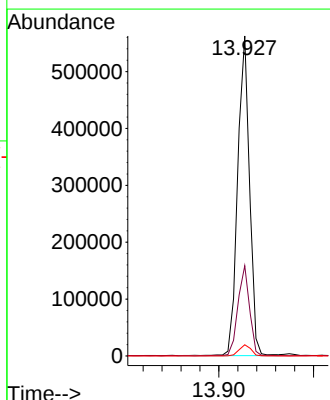
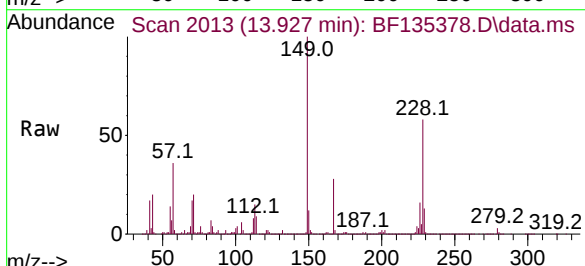
Tgt Ion:149 Resp: 484507

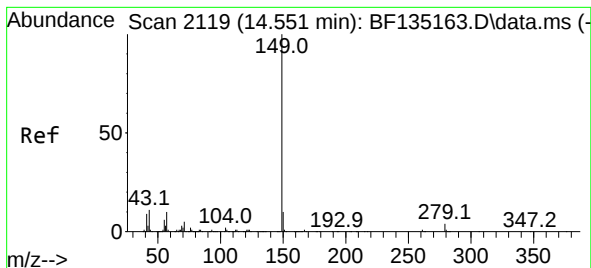
Ion Ratio Lower Upper

149 100

167 28.2 21.9 32.9

279 3.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 64.162 ng

RT: 14.545 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BF135378.D

Acq: 21 Sep 2023 14:01

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

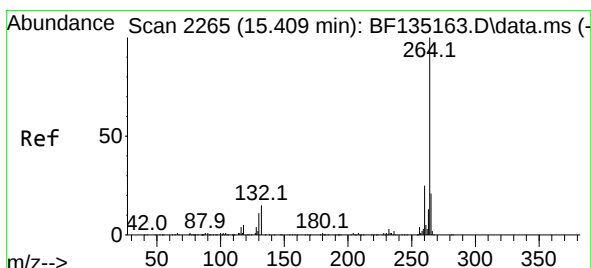
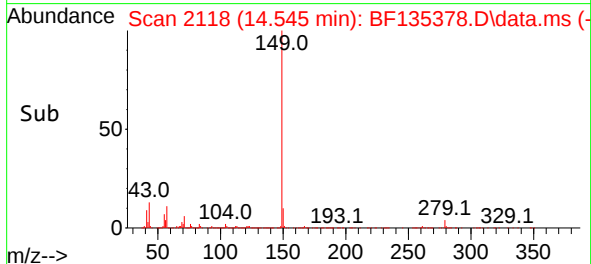
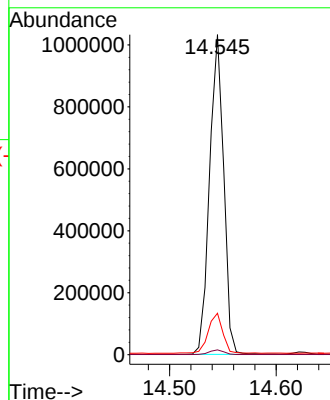
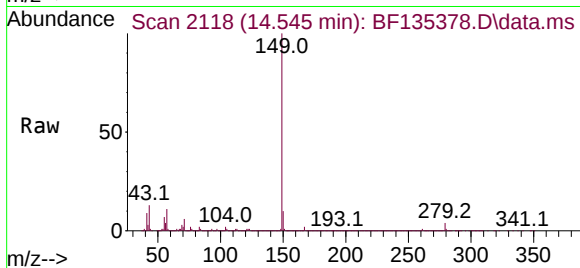
Tgt Ion:149 Resp: 953293

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 12.9 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF135378.D

Acq: 21 Sep 2023 14:01

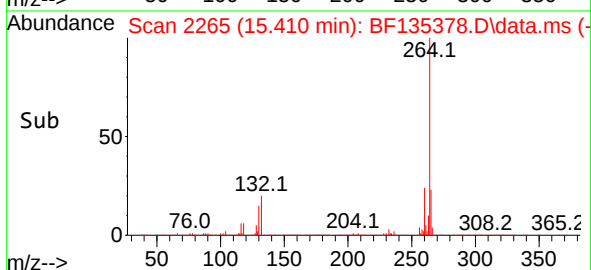
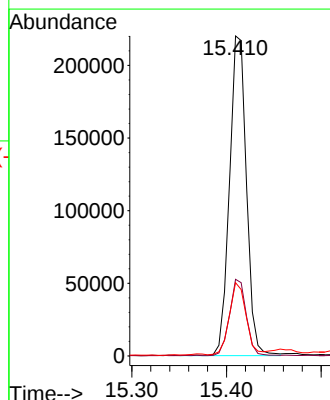
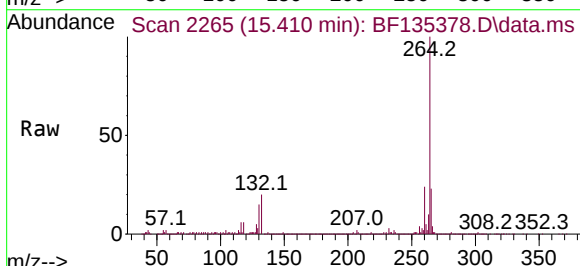
Tgt Ion:264 Resp: 274299

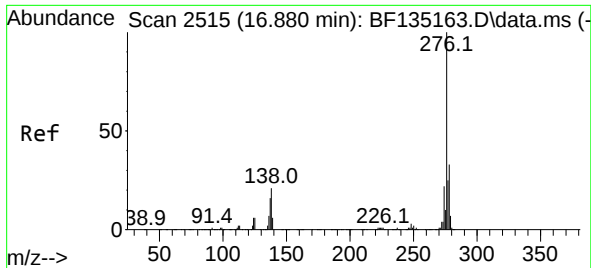
Ion Ratio Lower Upper

264 100

260 24.0 19.8 29.6

265 22.9 17.0 25.4

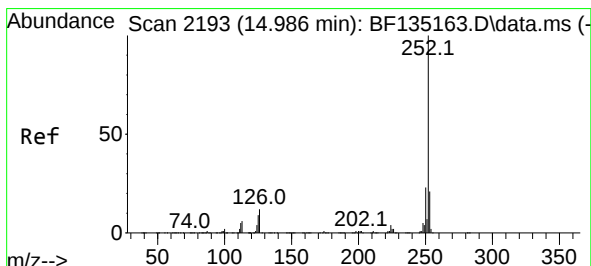
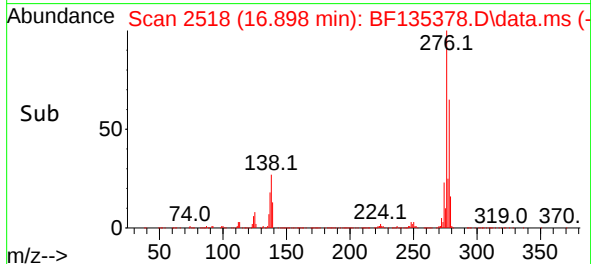
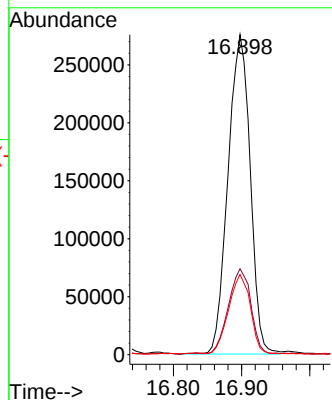
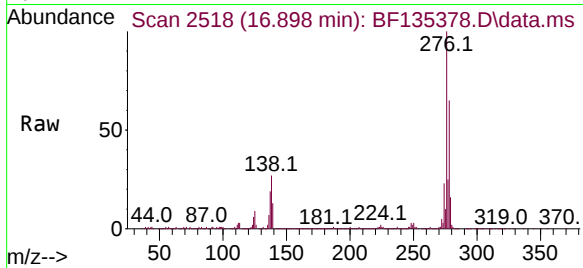




#87
Indeno(1,2,3-cd)pyrene
Concen: 34.685 ng
RT: 16.898 min Scan# 2118
Delta R.T. 0.018 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

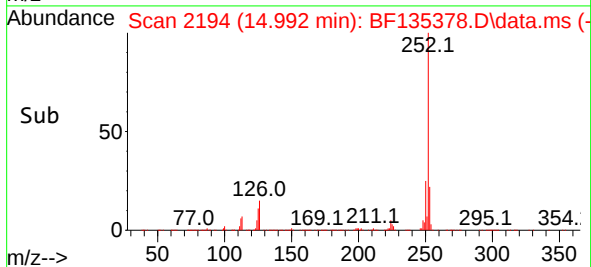
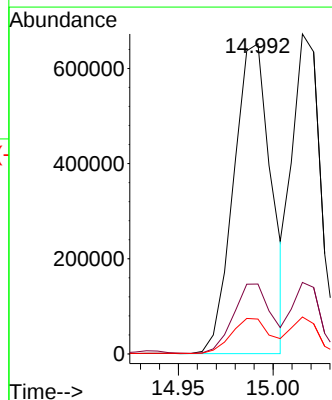
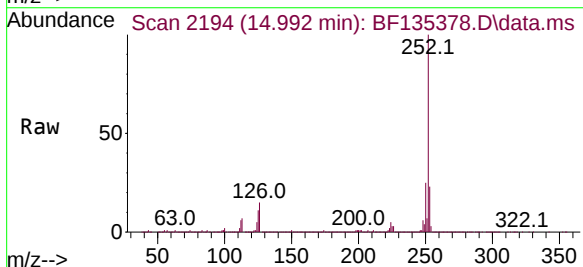
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

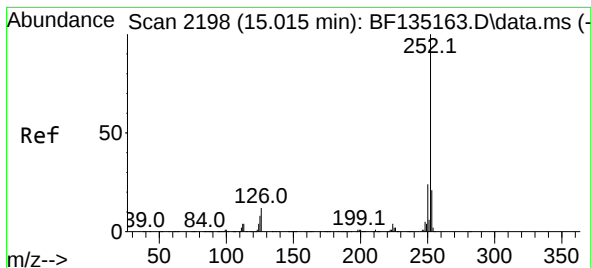
Tgt Ion:276 Resp: 623805
Ion Ratio Lower Upper
276 100
138 26.7 19.2 28.8
277 24.6 19.7 29.5



#88
Benzo(b)fluoranthene
Concen: 60.465 ng
RT: 14.992 min Scan# 2194
Delta R.T. 0.006 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

Tgt Ion:252 Resp: 897827
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 11.3 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 47.385 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135378.D

Acq: 21 Sep 2023 14:01

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

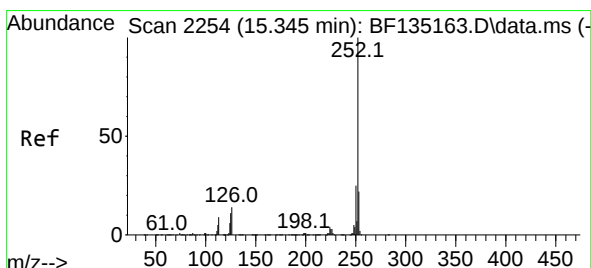
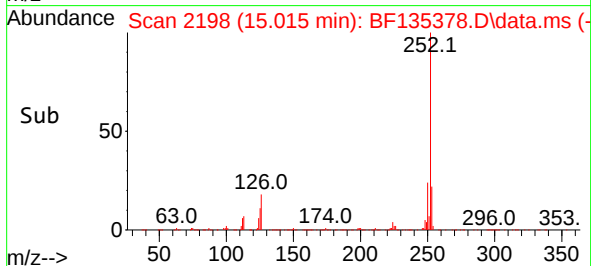
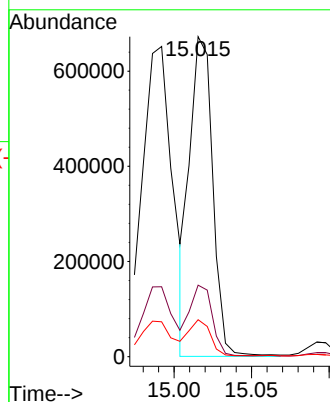
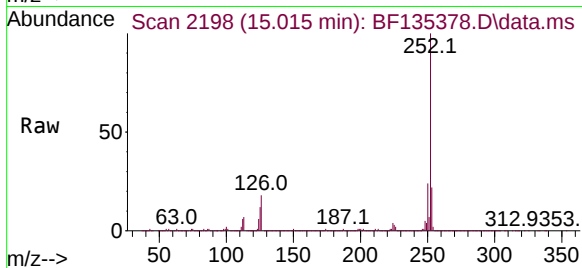
Tgt Ion:252 Resp: 695039

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

125 11.6 7.2 10.8#



#90

Benzo(a)pyrene

Concen: 50.437 ng

RT: 15.357 min Scan# 2256

Delta R.T. 0.012 min

Lab File: BF135378.D

Acq: 21 Sep 2023 14:01

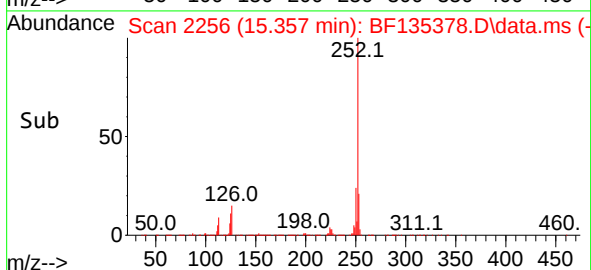
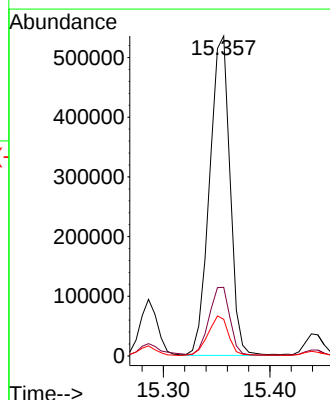
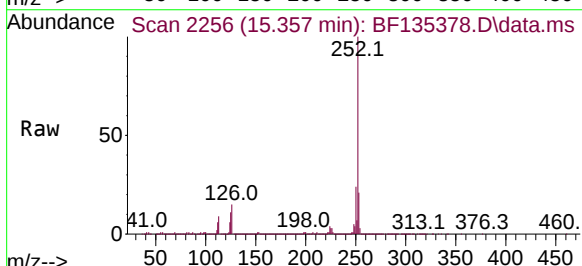
Tgt Ion:252 Resp: 714209

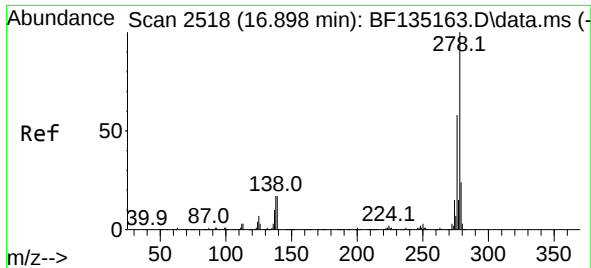
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 11.5 9.2 13.8

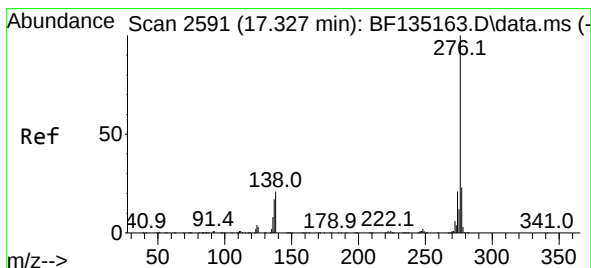
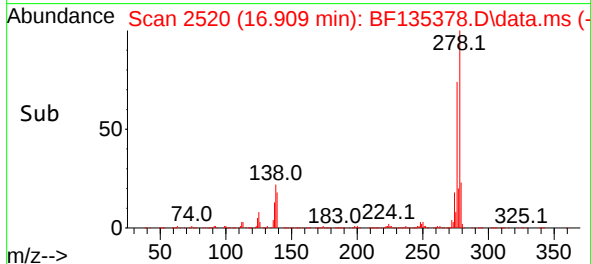
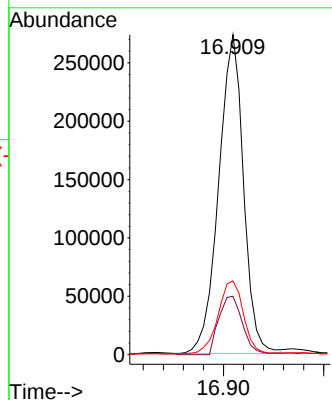
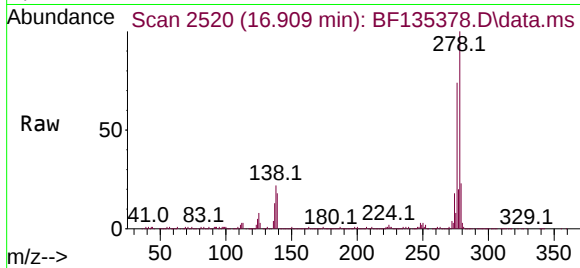




#91
Dibenzo(a,h)anthracene
Concen: 31.841 ng
RT: 16.909 min Scan# 2518
Delta R.T. 0.012 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:278 Resp: 468554
Ion Ratio Lower Upper
278 100
139 18.3 13.4 20.0
279 23.1 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 33.375 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.018 min
Lab File: BF135378.D
Acq: 21 Sep 2023 14:01

Tgt Ion:276 Resp: 512916
Ion Ratio Lower Upper
276 100
277 23.2 18.8 28.2
138 23.5 16.9 25.3

