

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
 Data File : BF135988.D
 Acq On : 27 Oct 2023 17:01
 Operator : CG\JU
 Sample : 04908-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Quant Time: Oct 27 22:33:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	169816	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	677161	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	346598	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	577210	20.000	ng	0.00
76) Chrysene-d12	14.010	240	302327	20.000	ng	0.00
86) Perylene-d12	15.498	264	353635	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1297501	117.984	ng	0.02
7) Phenol-d6	6.463	99	1535557	112.157	ng	0.00
23) Nitrobenzene-d5	7.393	82	1053867	98.716	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	456156	150.360	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1908246	88.159	ng	0.00
79) Terphenyl-d14	12.957	244	1605711	88.738	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	204065	39.946	ng	# 82
3) Pyridine	3.493	79	465757	33.032	ng	97
4) n-Nitrosodimethylamine	3.446	42	249134	40.522	ng	94
6) Aniline	6.493	93	420675	22.819	ng	99
8) 2-Chlorophenol	6.610	128	553717	48.637	ng	99
9) Benzaldehyde	6.375	77	124997	16.877	ng	96
10) Phenol	6.475	94	598149	41.790	ng	99
11) bis(2-Chloroethyl)ether	6.569	93	538660	48.349	ng	100
12) 1,3-Dichlorobenzene	6.769	146	575082	47.557	ng	95
13) 1,4-Dichlorobenzene	6.845	146	580959	47.836	ng	99
14) 1,2-Dichlorobenzene	6.993	146	557732	49.454	ng	99
15) Benzyl Alcohol	6.969	79	455707	47.084	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	759181	46.271	ng	98
17) 2-Methylphenol	7.081	107	423715	42.228	ng	98
18) Hexachloroethane	7.340	117	207832	50.327	ng	91
19) n-Nitroso-di-n-propyla...	7.245	70	366241	47.041	ng	97
20) 3+4-Methylphenols	7.234	107	509178	42.046	ng	# 83
22) Acetophenone	7.240	105	738992	48.318	ng	# 92
24) Nitrobenzene	7.410	77	557811	49.648	ng	100
25) Isophorone	7.645	82	1039625	48.570	ng	100
26) 2-Nitrophenol	7.722	139	268893	60.574	ng	99
27) 2,4-Dimethylphenol	7.763	122	420904	43.146	ng	98
28) bis(2-Chloroethoxy)met...	7.863	93	646799	49.209	ng	99
29) 2,4-Dichlorophenol	7.963	162	454946	52.079	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	491394	49.682	ng	100
31) Naphthalene	8.128	128	1547501	47.268	ng	99
32) Benzoic acid	7.851	122	124968	33.635	ng	90
33) 4-Chloroaniline	8.175	127	99977	6.909	ng	96
34) Hexachlorobutadiene	8.245	225	279982	50.222	ng	99
35) Caprolactam	8.545	113	111690	38.421	ng	95
36) 4-Chloro-3-methylphenol	8.663	107	476446	51.322	ng	97
37) 2-Methylnaphthalene	8.822	142	994295	45.902	ng	98
38) 1-Methylnaphthalene	8.922	142	954595	47.163	ng	99
40) 1,2,4,5-Tetrachloroben...	8.987	216	474448	48.466	ng	100
41) Hexachlorocyclopentadiene	8.975	237	321826	66.673	ng	98
43) 2,4,6-Trichlorophenol	9.098	196	313775	54.764	ng	100

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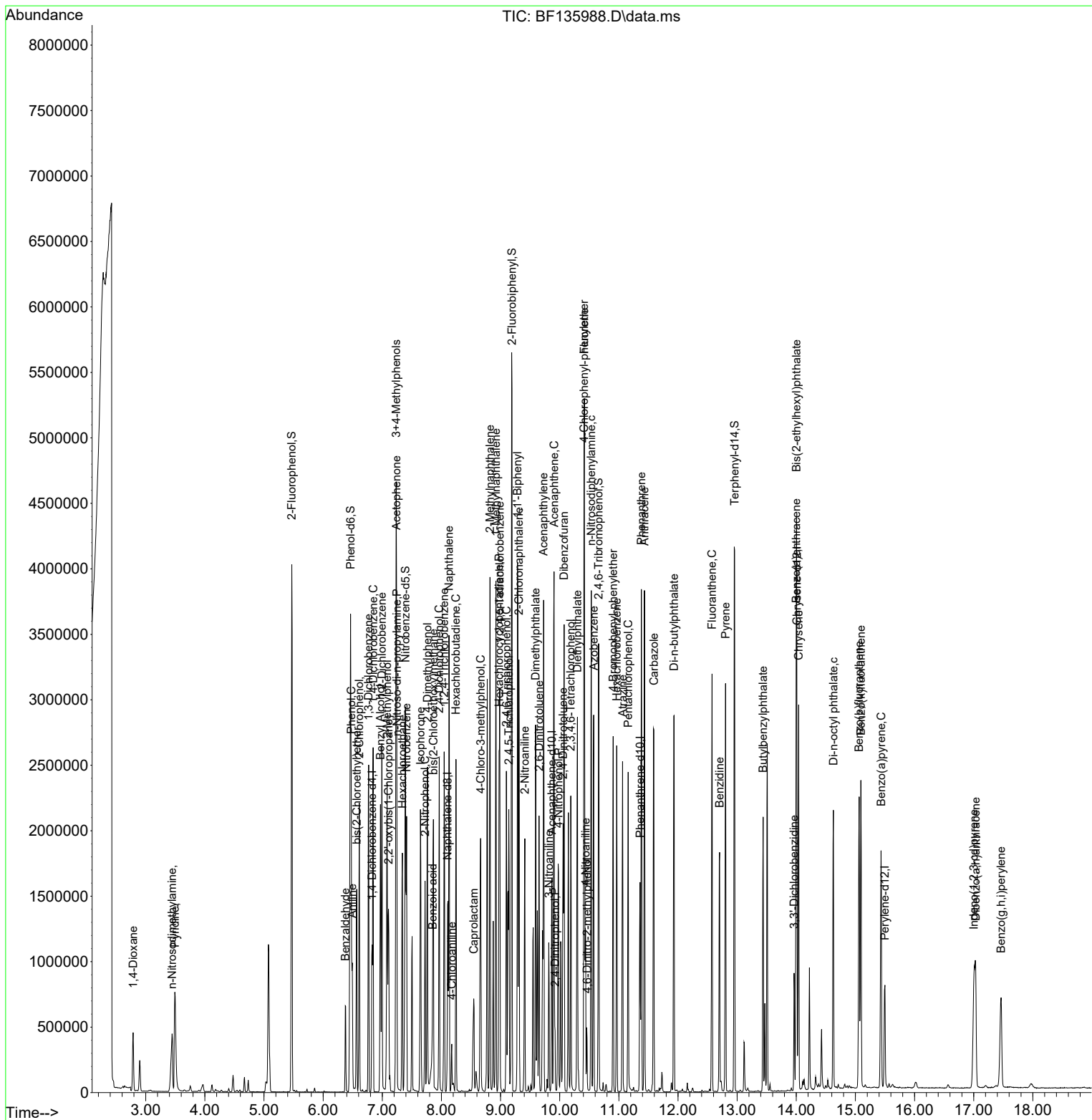
Instrument :
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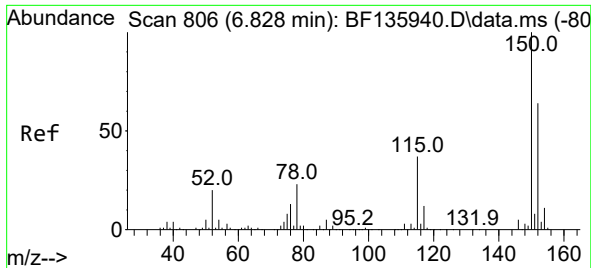
Quant Time: Oct 27 22:33:12 2023
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 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	336524	49.468	ng	98
46) 1,1'-Biphenyl	9.287	154	1267443	48.260	ng	99
47) 2-Chloronaphthalene	9.310	162	959960	49.417	ng	97
48) 2-Nitroaniline	9.410	65	301266	54.924	ng	95
49) Acenaphthylene	9.728	152	1493135	48.722	ng	99
50) Dimethylphthalate	9.592	163	1115199	49.616	ng	99
51) 2,6-Dinitrotoluene	9.651	165	251230	53.315	ng	92
52) Acenaphthene	9.904	154	929049	47.304	ng	99
53) 3-Nitroaniline	9.816	138	169001	31.991	ng	98
54) 2,4-Dinitrophenol	9.922	184	57720	49.446	ng	# 89
55) Dibenzofuran	10.075	168	1326579	46.755	ng	98
56) 4-Nitrophenol	9.981	139	337798	74.924	ng	97
57) 2,4-Dinitrotoluene	10.057	165	318833	54.393	ng	99
58) Fluorene	10.416	166	970328	45.711	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	268858	52.521	ng	98
60) Diethylphthalate	10.298	149	1064805	49.679	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	480007	46.878	ng	97
62) 4-Nitroaniline	10.439	138	248284	45.265	ng	91
63) Azobenzene	10.575	77	1001433	46.040	ng	95
65) 4,6-Dinitro-2-methylph...	10.463	198	59675	37.017	ng	81
66) n-Nitrosodiphenylamine	10.533	169	915563	52.505	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	316550	53.550	ng	94
68) Hexachlorobenzene	10.963	284	347620	55.050	ng	96
69) Atrazine	11.063	200	314172	66.092	ng	99
70) Pentachlorophenol	11.157	266	254348	64.398	ng	100
71) Phenanthrene	11.380	178	1427744	48.891	ng	99
72) Anthracene	11.433	178	1446736	48.384	ng	99
73) Carbazole	11.592	167	1212037	45.440	ng	99
74) Di-n-butylphthalate	11.933	149	1528485	53.851	ng	99
75) Fluoranthene	12.575	202	1223039	39.809	ng	98
77) Benzidine	12.704	184	728693	125.000	ng	100
78) Pyrene	12.804	202	1198286	47.205	ng	99
80) Butylbenzylphthalate	13.439	149	457122	47.677	ng	99
81) Benzo(a)anthracene	13.998	228	1021463	49.690	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	192534	30.786	ng	100
83) Chrysene	14.039	228	977725	48.834	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	553146	52.991	ng	98
85) Di-n-octyl phthalate	14.627	149	1057664	64.321	ng	97
87) Indeno(1,2,3-cd)pyrene	17.004	276	773326	38.565	ng	99
88) Benzo(b)fluoranthene	15.063	252	1075595	51.108	ng	99
89) Benzo(k)fluoranthene	15.092	252	1016316	49.170	ng	99
90) Benzo(a)pyrene	15.433	252	914225	47.134	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	655299	38.206	ng	98
92) Benzo(g,h,i)perylene	17.462	276	572904	30.836	ng	99

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

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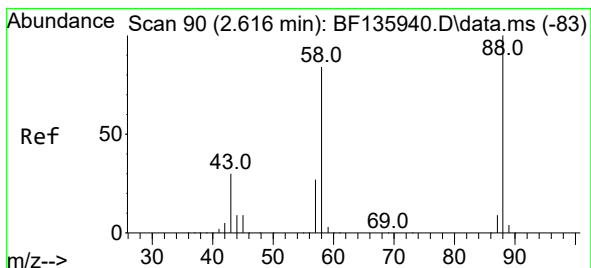
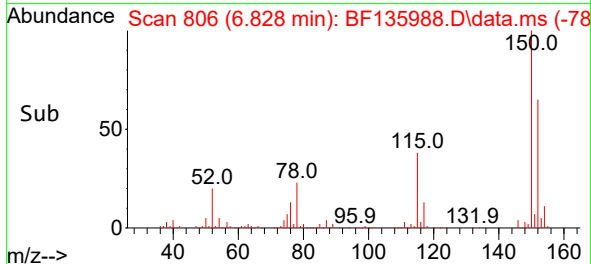
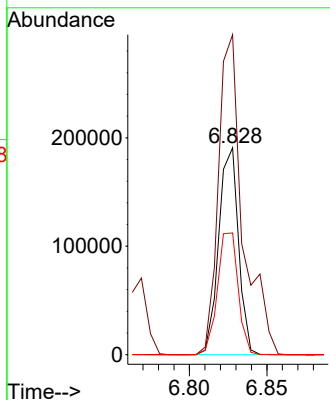
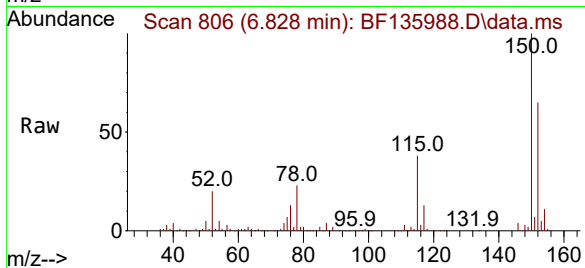




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF135988.D
 Acq: 27 Oct 2023 17:01

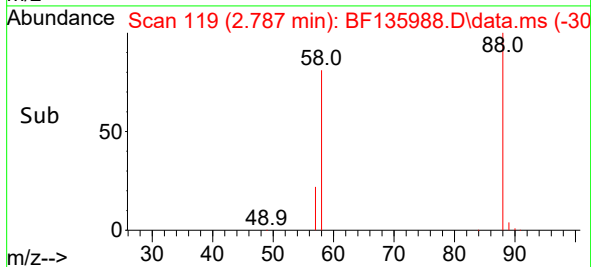
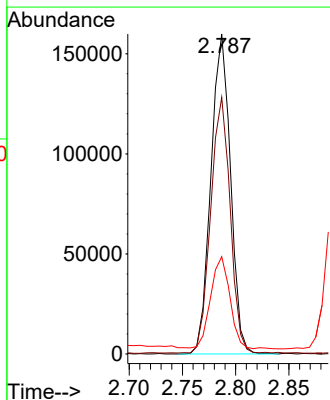
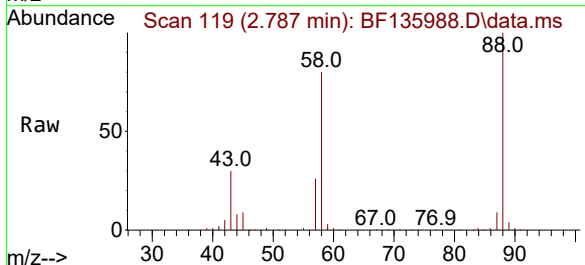
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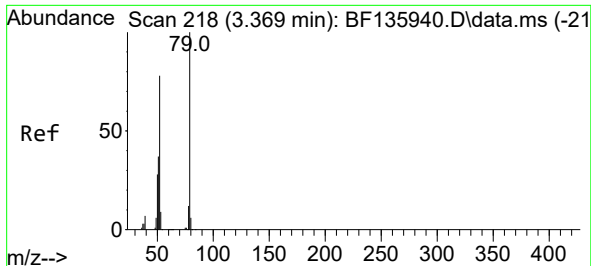
Tgt Ion:152 Resp: 169816
 Ion Ratio Lower Upper
 152 100
 150 154.6 124.6 186.8
 115 58.8 46.6 69.8



#2
 1,4-Dioxane
 Concen: 39.946 ng
 RT: 2.787 min Scan# 119
 Delta R.T. 0.171 min
 Lab File: BF135988.D
 Acq: 27 Oct 2023 17:01

Tgt Ion: 88 Resp: 204065
 Ion Ratio Lower Upper
 88 100
 58 79.3 66.6 100.0
 43 0.0 23.8 35.8

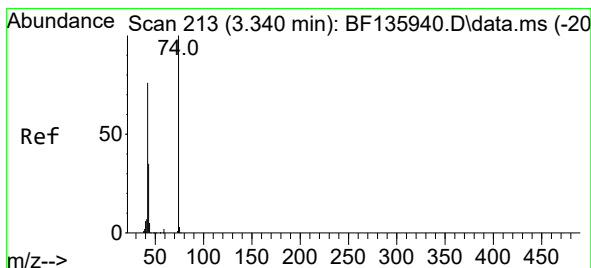
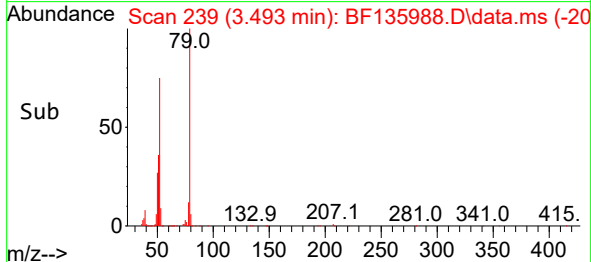
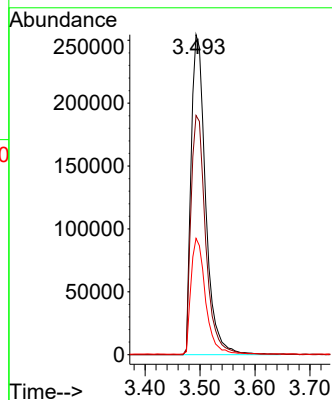
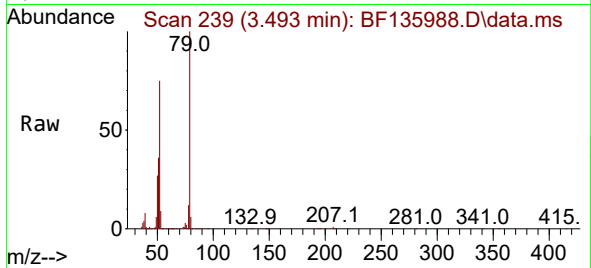




#3
Pyridine
Concen: 33.032 ng
RT: 3.493 min Scan# 218
Delta R.T. 0.124 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

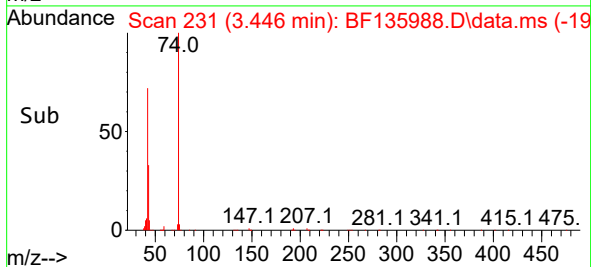
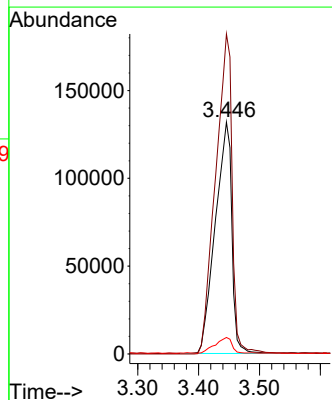
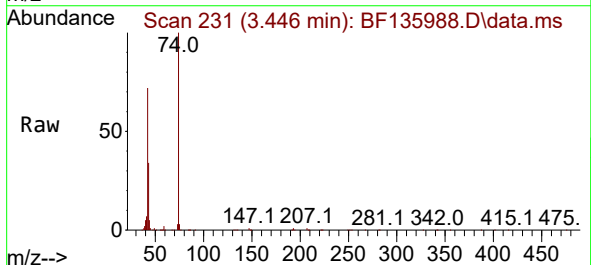
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BNA_F
ClientSampleId :
TP-1MSD

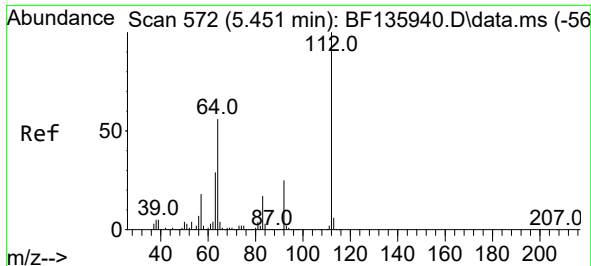
Tgt Ion: 79 Resp: 465757
Ion Ratio Lower Upper
79 100
52 74.8 62.6 93.8
51 36.3 29.8 44.8



#4
n-Nitrosodimethylamine
Concen: 40.522 ng
RT: 3.446 min Scan# 231
Delta R.T. 0.106 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

Tgt Ion: 42 Resp: 249134
Ion Ratio Lower Upper
42 100
74 138.1 104.8 157.2
44 7.1 5.9 8.9

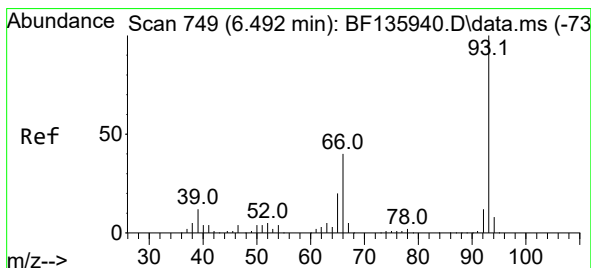
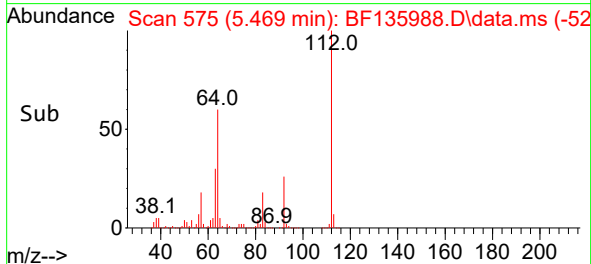
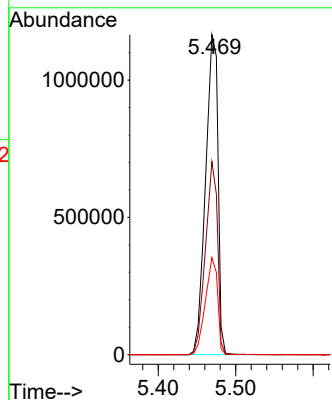
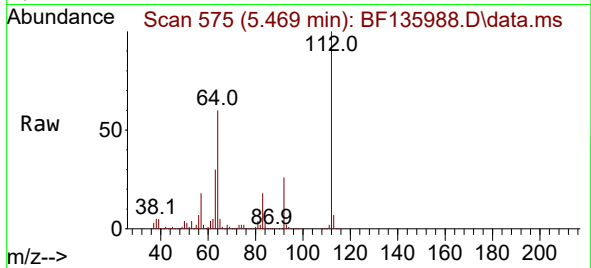




#5
2-Fluorophenol
Concen: 117.984 ng
RT: 5.469 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

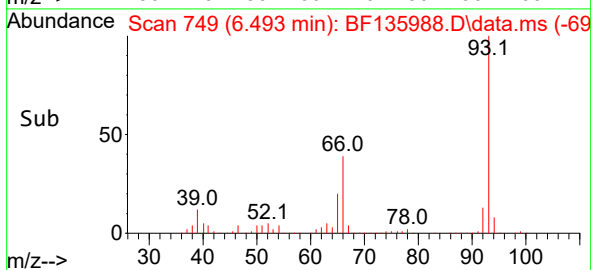
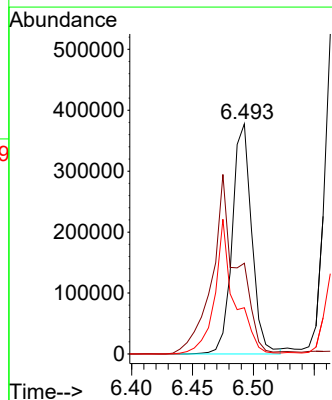
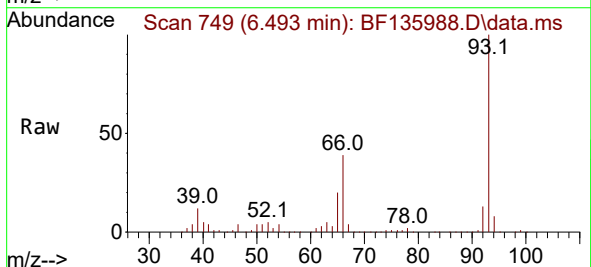
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ClientSampleId :
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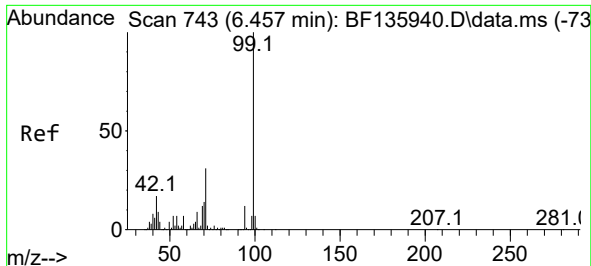
Tgt Ion:112 Resp: 1297501
Ion Ratio Lower Upper
112 100
64 60.3 45.1 67.7
63 30.3 23.0 34.4



#6
Aniline
Concen: 22.819 ng
RT: 6.493 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

Tgt Ion: 93 Resp: 420675
Ion Ratio Lower Upper
93 100
66 39.4 32.0 48.0
65 20.1 16.2 24.4

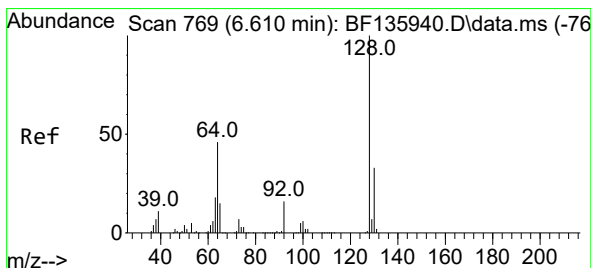
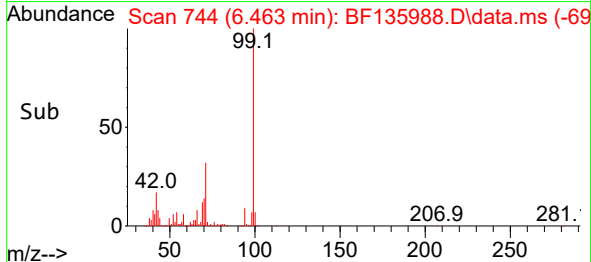
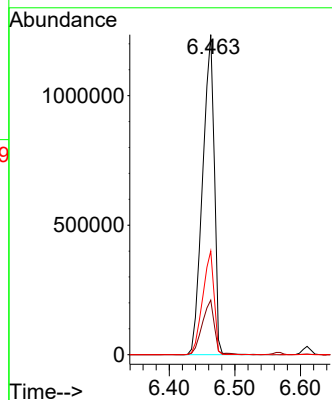
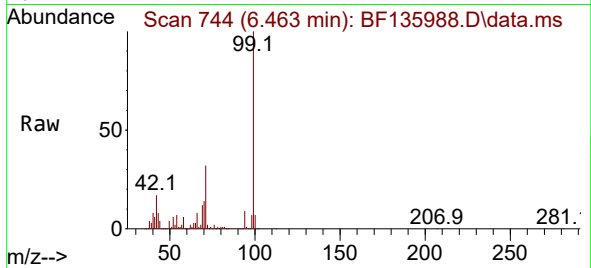




#7
Phenol-d6
Concen: 112.157 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

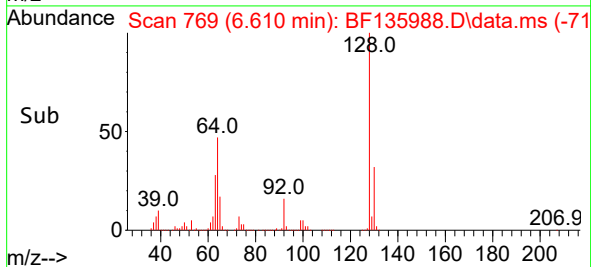
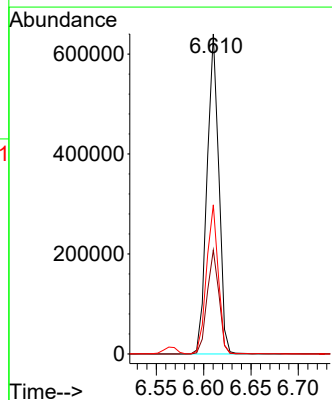
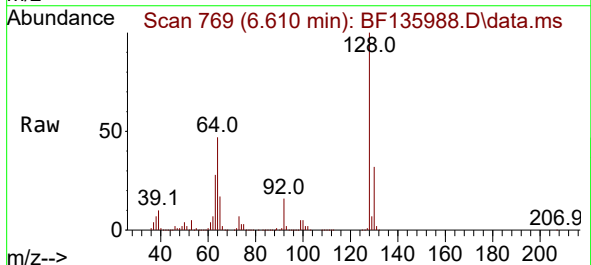
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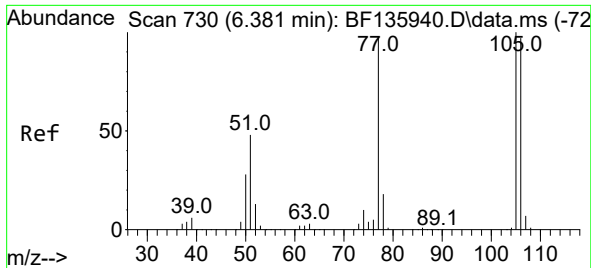
Tgt Ion: 99 Resp: 1535557
Ion Ratio Lower Upper
99 100
42 17.1 13.8 20.8
71 32.4 25.1 37.7



#8
2-Chlorophenol
Concen: 48.637 ng
RT: 6.610 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

Tgt Ion: 128 Resp: 553717
Ion Ratio Lower Upper
128 100
130 32.5 13.1 53.1
64 46.6 27.0 67.0





#9

Benzaldehyde

Concen: 16.877 ng

RT: 6.375 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF135988.D

Acq: 27 Oct 2023 17:01

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

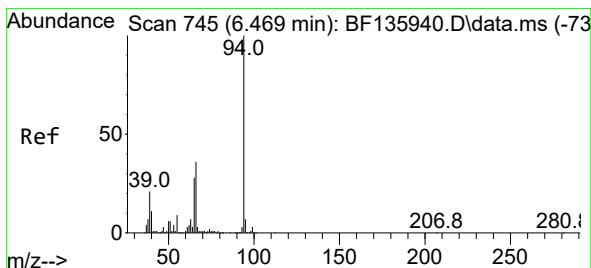
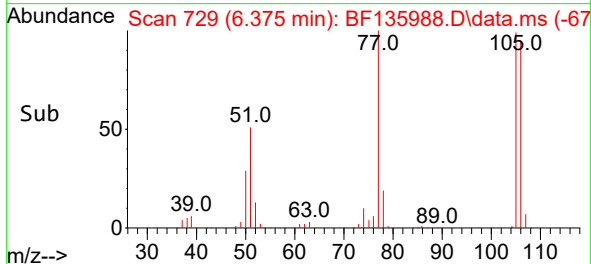
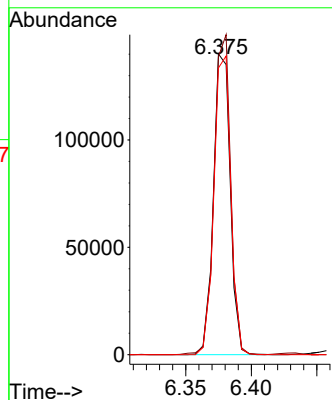
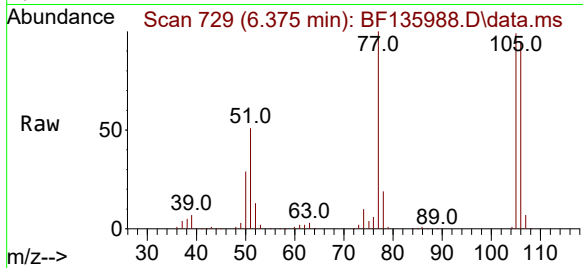
Tgt Ion: 77 Resp: 124997

Ion Ratio Lower Upper

77 100

105 99.0 83.2 123.2

106 95.3 80.0 120.0



#10

Phenol

Concen: 41.790 ng

RT: 6.475 min Scan# 746

Delta R.T. 0.006 min

Lab File: BF135988.D

Acq: 27 Oct 2023 17:01

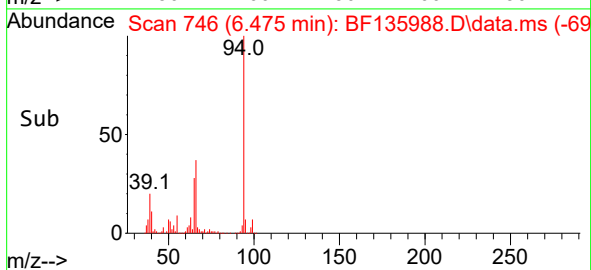
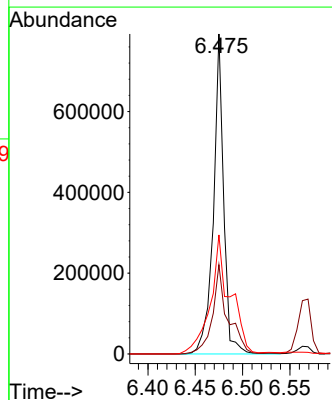
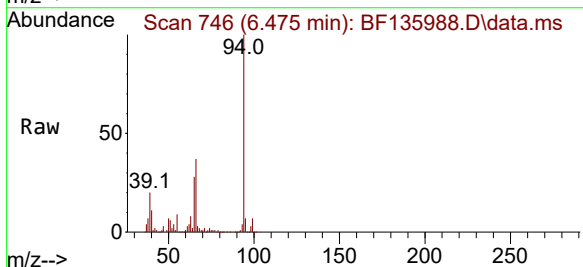
Tgt Ion: 94 Resp: 598149

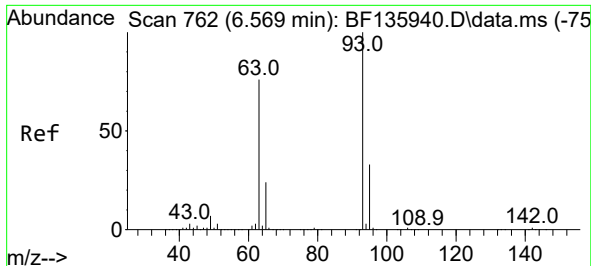
Ion Ratio Lower Upper

94 100

65 27.9 7.8 47.8

66 37.2 16.5 56.5





#11

bis(2-Chloroethyl)ether

Concen: 48.349 ng

RT: 6.569 min Scan# 762

Delta R.T. 0.000 min

Lab File: BF135988.D

Acq: 27 Oct 2023 17:01

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

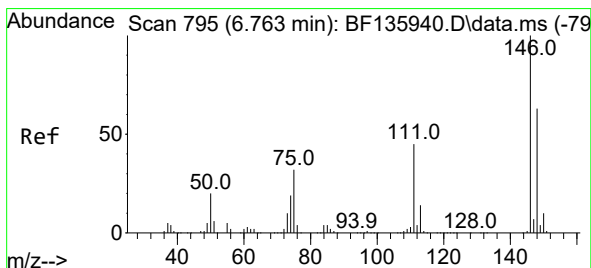
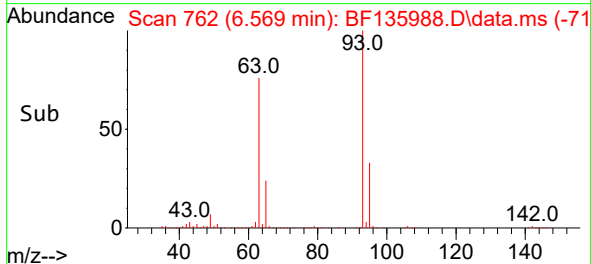
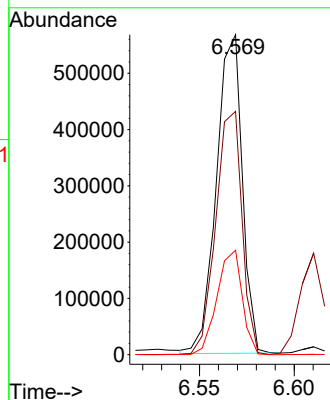
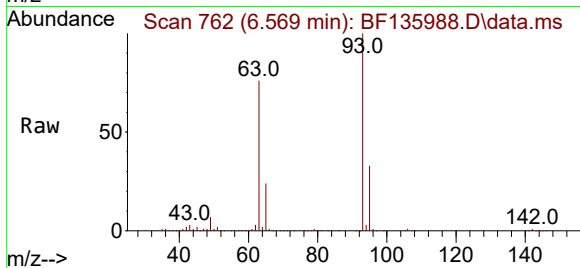
Tgt Ion: 93 Resp: 538660

Ion Ratio Lower Upper

93 100

63 76.0 56.2 96.2

95 32.6 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 47.557 ng

RT: 6.769 min Scan# 796

Delta R.T. 0.006 min

Lab File: BF135988.D

Acq: 27 Oct 2023 17:01

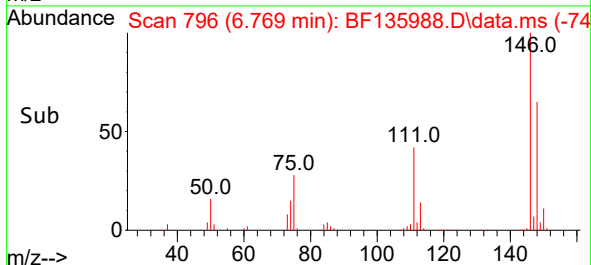
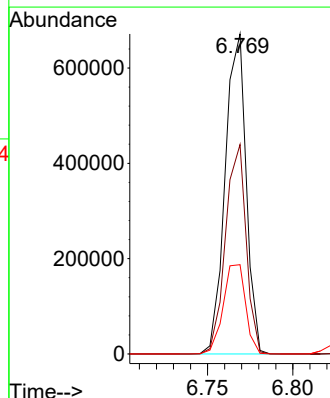
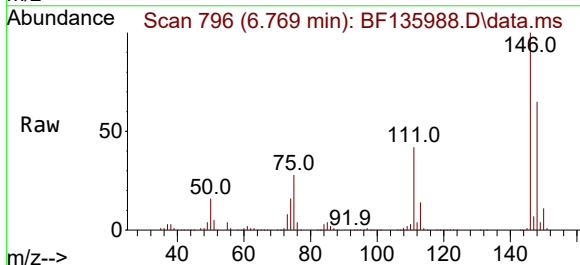
Tgt Ion:146 Resp: 575082

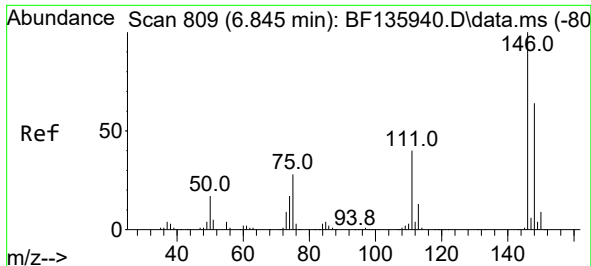
Ion Ratio Lower Upper

146 100

148 65.5 50.2 75.4

75 27.9 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 47.836 ng

RT: 6.845 min Scan# 809

Delta R.T. 0.000 min

Lab File: BF135988.D

Acq: 27 Oct 2023 17:01

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

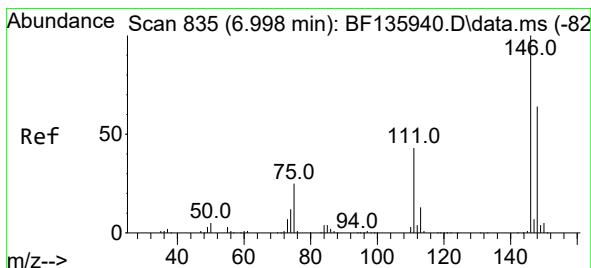
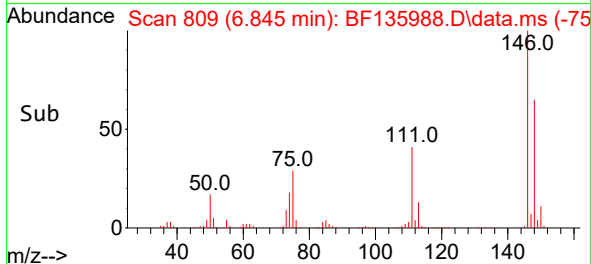
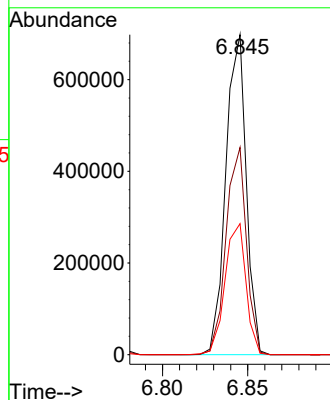
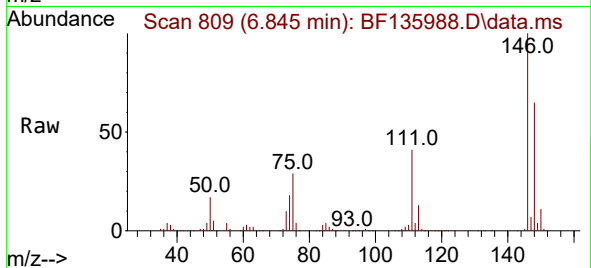
Tgt Ion:146 Resp: 580959

Ion Ratio Lower Upper

146 100

148 64.8 51.4 77.2

111 40.9 31.8 47.8



#14

1,2-Dichlorobenzene

Concen: 49.454 ng

RT: 6.993 min Scan# 834

Delta R.T. -0.006 min

Lab File: BF135988.D

Acq: 27 Oct 2023 17:01

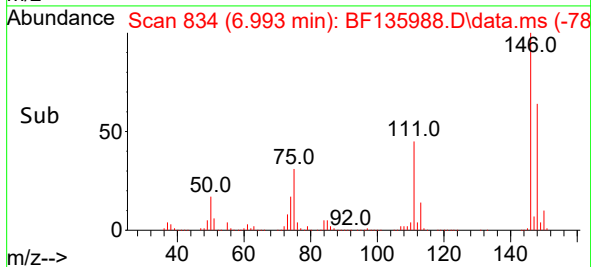
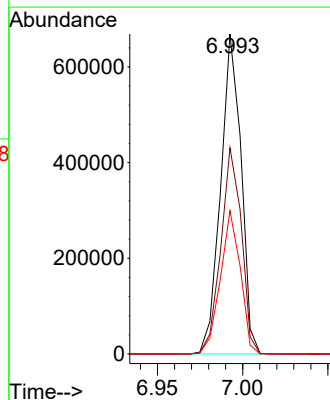
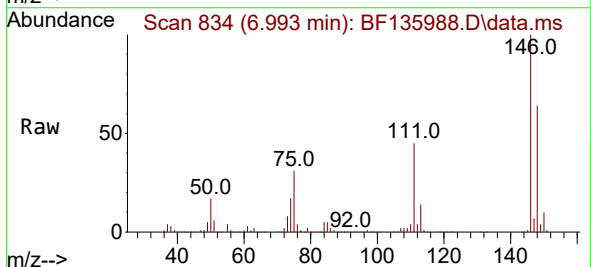
Tgt Ion:146 Resp: 557732

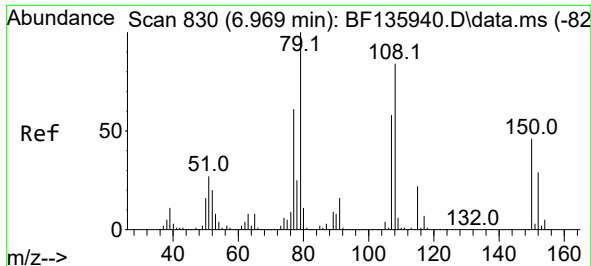
Ion Ratio Lower Upper

146 100

148 64.4 51.4 77.0

111 44.7 34.2 51.4

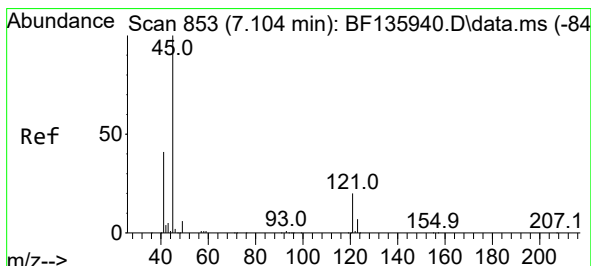
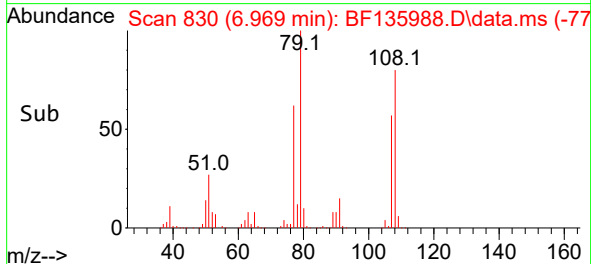
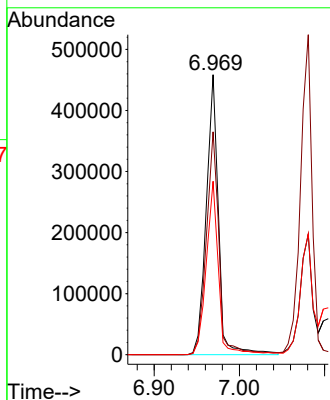
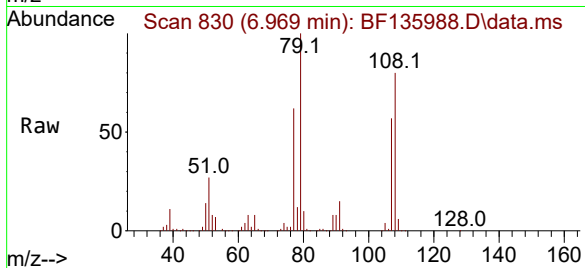




#15
Benzyl Alcohol
Concen: 47.084 ng
RT: 6.969 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

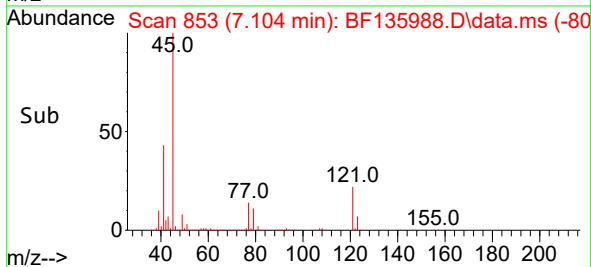
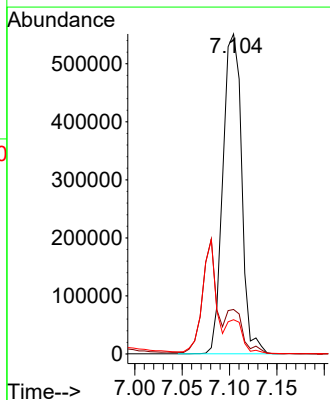
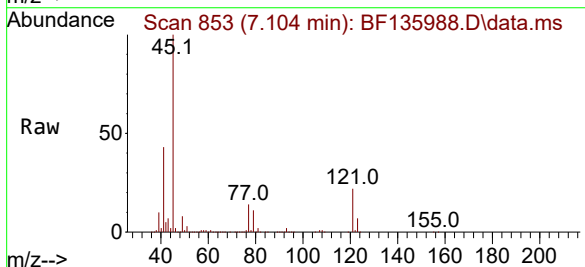
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

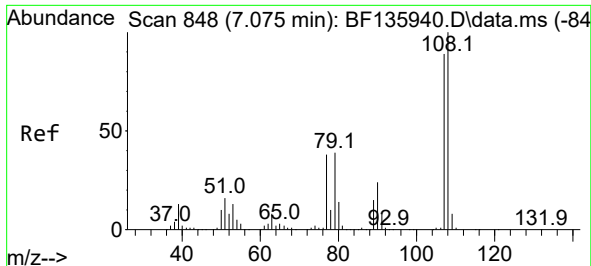
Tgt Ion: 79 Resp: 455707
Ion Ratio Lower Upper
79 100
108 79.6 67.2 100.8
77 62.0 49.0 73.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.271 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

Tgt Ion: 45 Resp: 759181
Ion Ratio Lower Upper
45 100
77 13.9 0.0 33.2
79 10.7 0.0 29.8





#17

2-Methylphenol

Concen: 42.228 ng

RT: 7.081 min Scan# 84

Delta R.T. 0.006 min

Lab File: BF135988.D

Acq: 27 Oct 2023 17:01

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:107 Resp: 423715

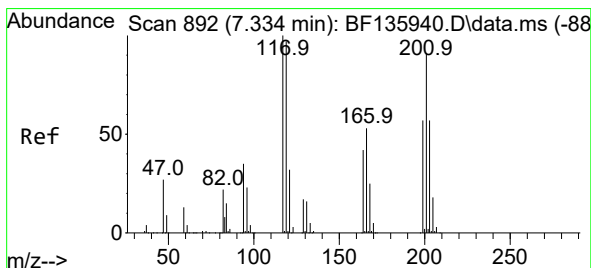
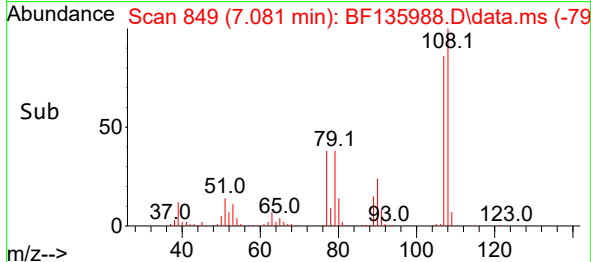
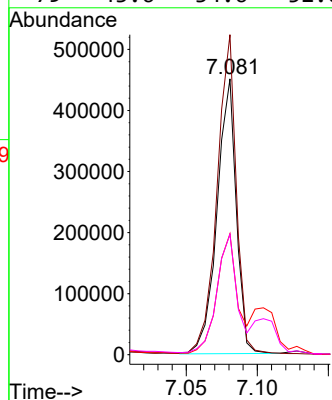
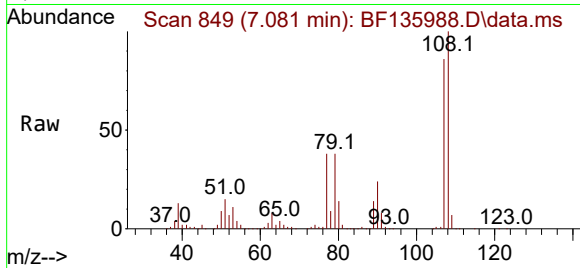
Ion Ratio Lower Upper

107 100

108 116.0 89.8 134.6

77 43.9 34.2 51.2

79 43.6 34.6 52.0



#18

Hexachloroethane

Concen: 50.327 ng

RT: 7.340 min Scan# 893

Delta R.T. 0.006 min

Lab File: BF135988.D

Acq: 27 Oct 2023 17:01

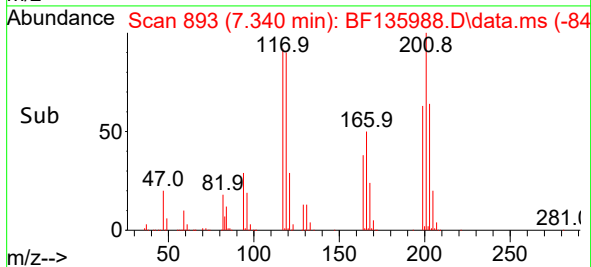
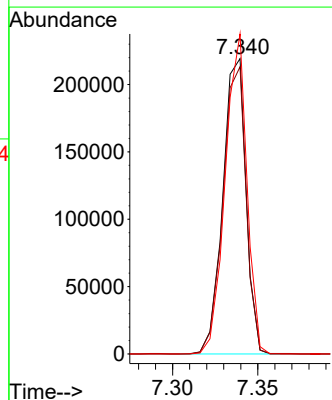
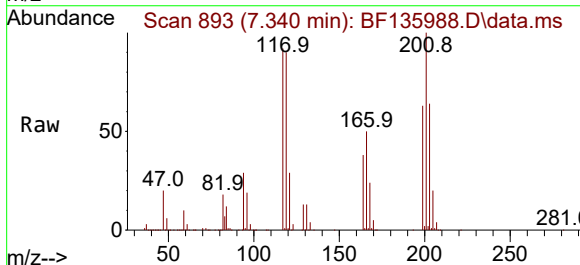
Tgt Ion:117 Resp: 207832

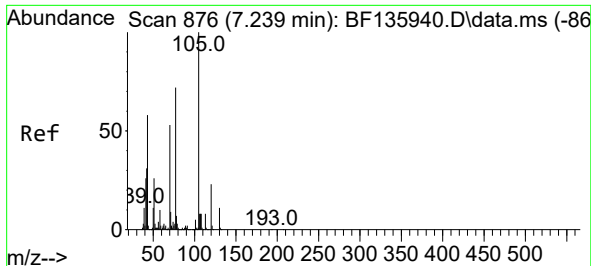
Ion Ratio Lower Upper

117 100

119 97.2 77.3 115.9

201 108.3 72.8 109.2

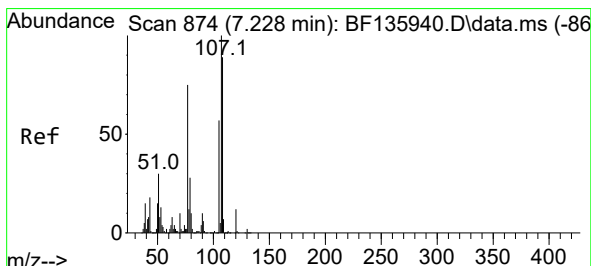
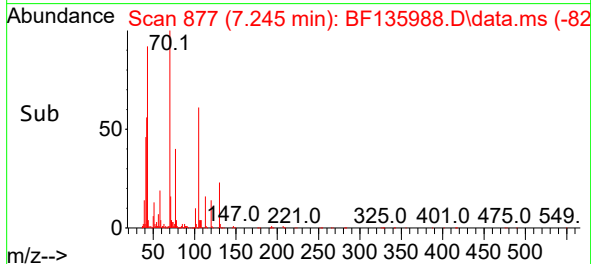
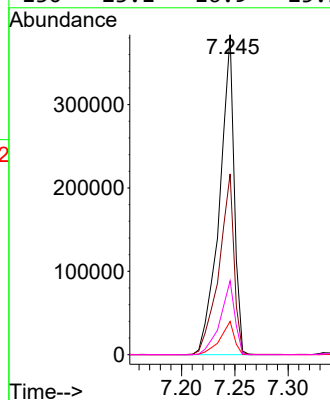
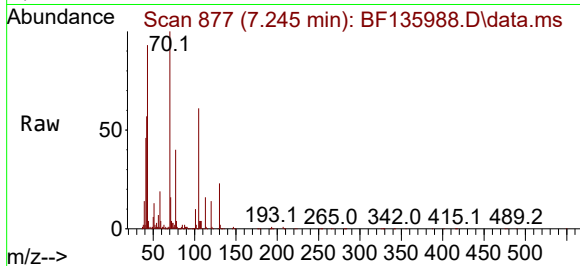




#19
n-Nitroso-di-n-propylamine
Concen: 47.041 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

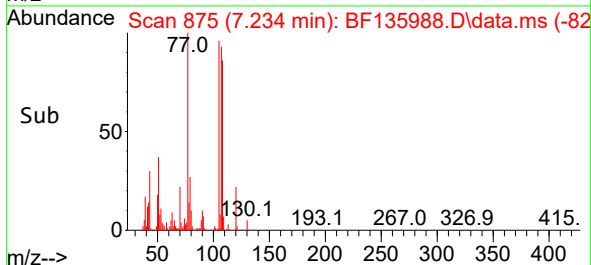
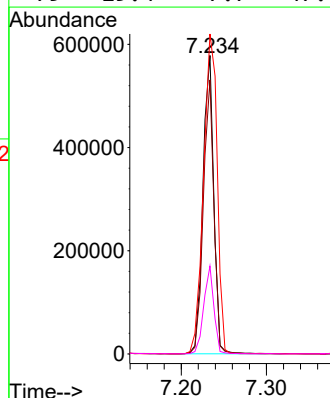
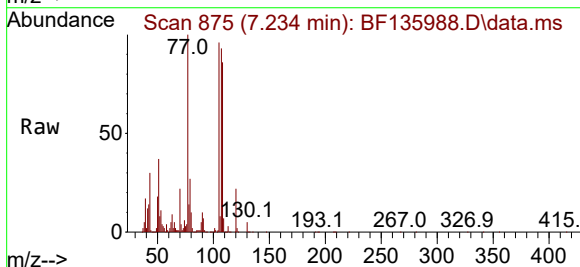
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

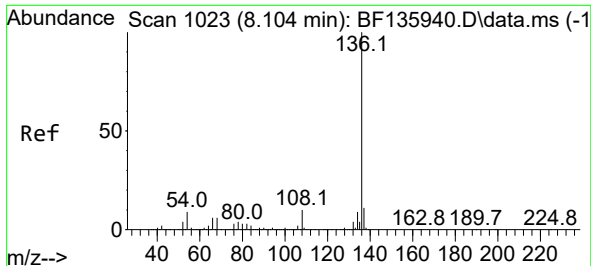
Tgt Ion: 70 Resp: 366241
Ion Ratio Lower Upper
70 100
42 56.5 47.3 70.9
101 10.4 7.8 11.8
130 23.1 16.9 25.3



#20
3+4-Methylphenols
Concen: 42.046 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

Tgt Ion: 107 Resp: 509178
Ion Ratio Lower Upper
107 100
108 91.8 69.1 109.1
77 107.2 55.0 95.0#
79 29.4 7.7 47.7

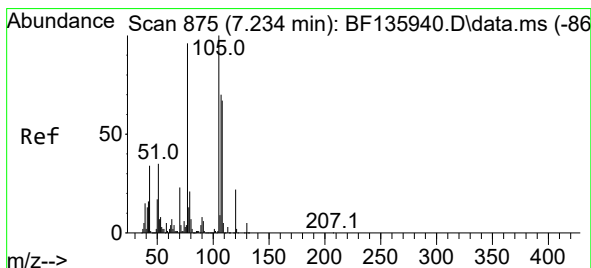
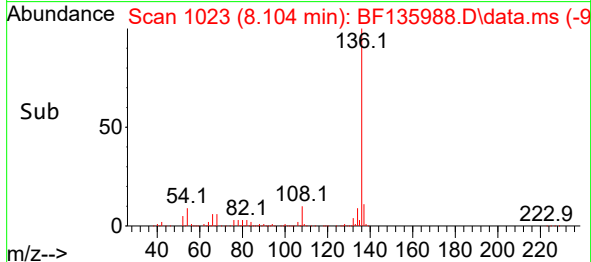
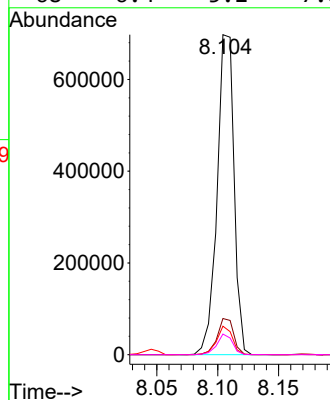
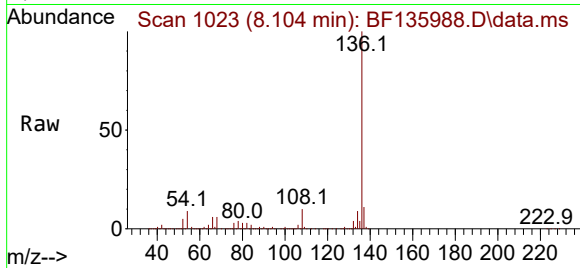




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

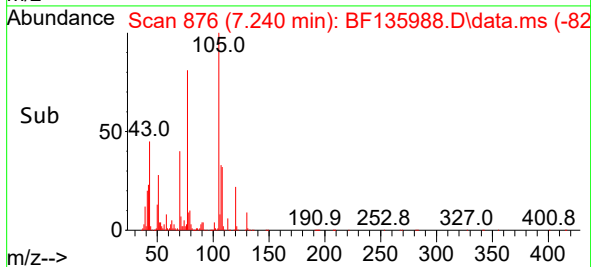
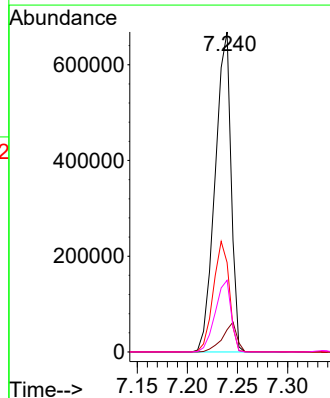
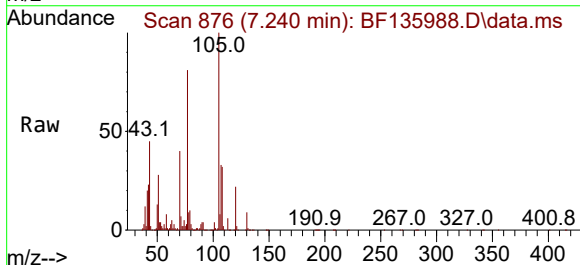
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

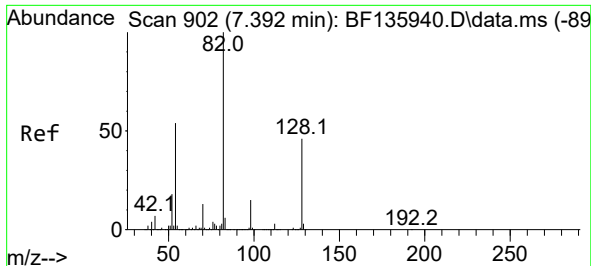
Tgt Ion:136 Resp: 677161
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 8.9 7.1 10.7
68 6.4 5.2 7.8



#22
Acetophenone
Concen: 48.318 ng
RT: 7.240 min Scan# 876
Delta R.T. 0.006 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

Tgt Ion:105 Resp: 738992
Ion Ratio Lower Upper
105 100
71 6.9 3.4 5.2#
51 28.0 28.4 42.6#
120 22.4 17.8 26.6





#23

Nitrobenzene-d5

Concen: 98.716 ng

RT: 7.393 min Scan# 902

Delta R.T. 0.001 min

Lab File: BF135988.D

Acq: 27 Oct 2023 17:01

Instrument :

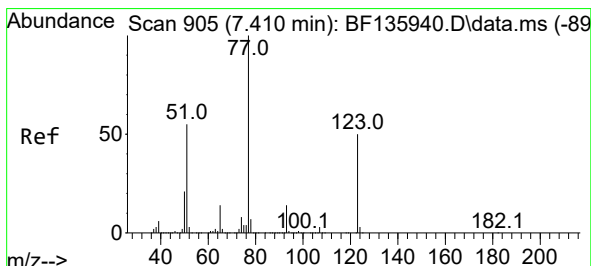
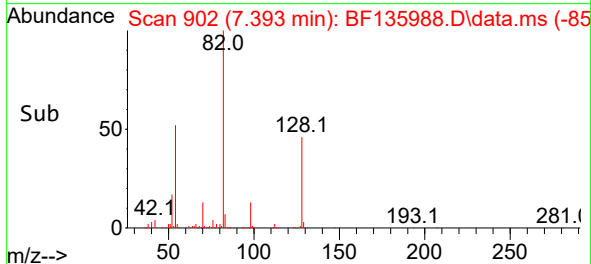
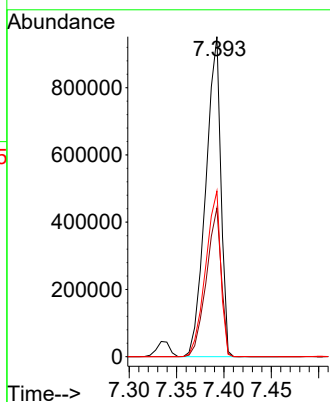
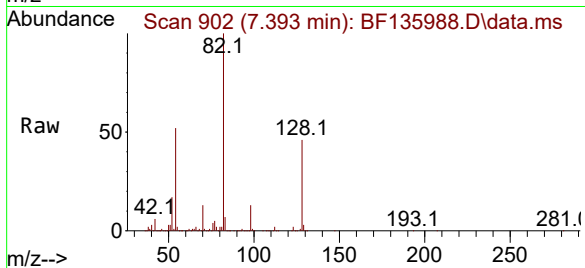
BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion: 82 Resp: 1053867

Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.8	55.2
54	51.8	43.4	65.0



#24

Nitrobenzene

Concen: 49.648 ng

RT: 7.410 min Scan# 905

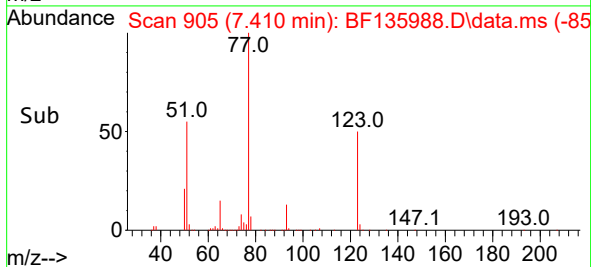
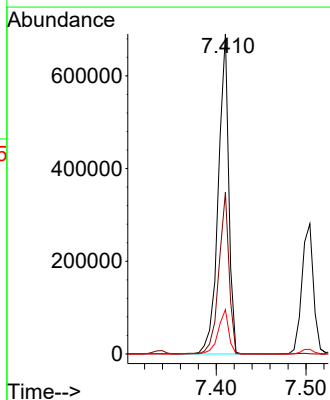
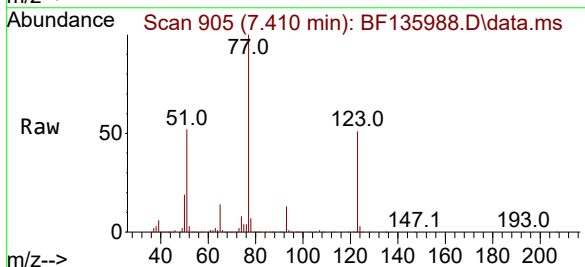
Delta R.T. 0.000 min

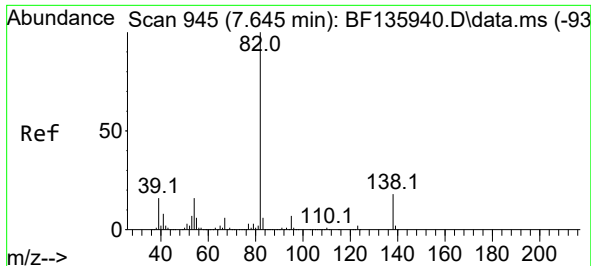
Lab File: BF135988.D

Acq: 27 Oct 2023 17:01

Tgt Ion: 77 Resp: 557811

Ion	Ratio	Lower	Upper
77	100		
123	50.6	40.2	60.2
65	13.9	11.0	16.4

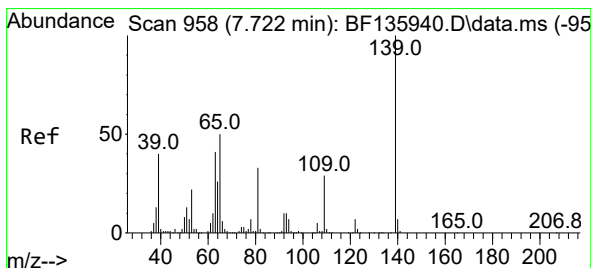
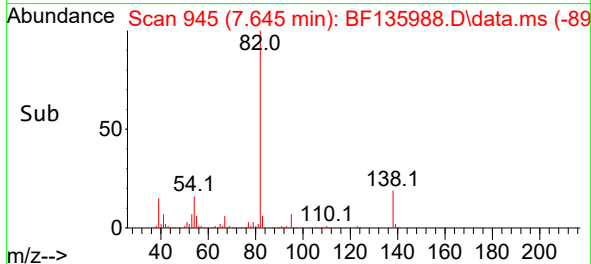
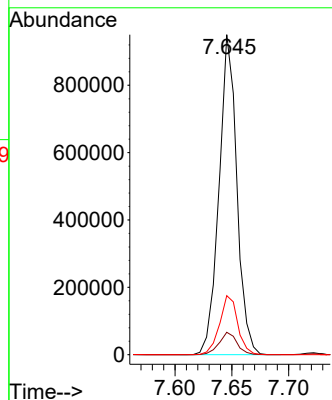
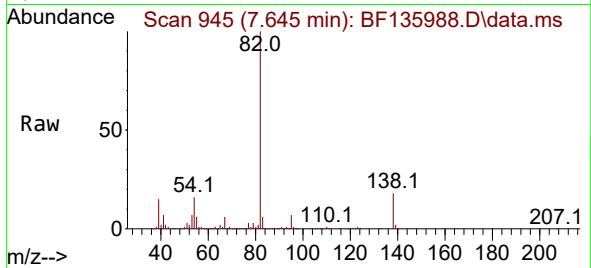




#25
Isophorone
Concen: 48.570 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

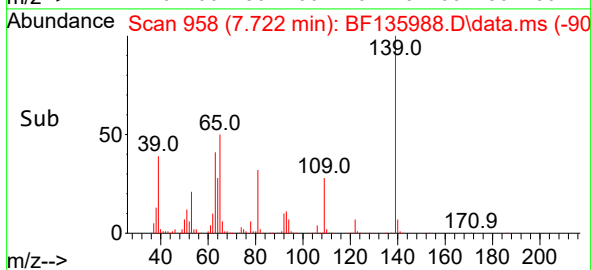
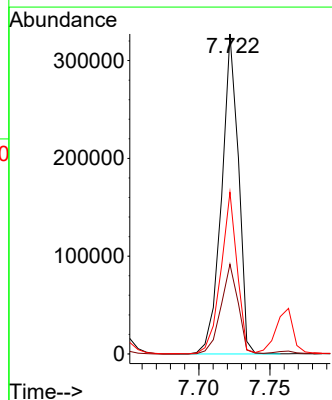
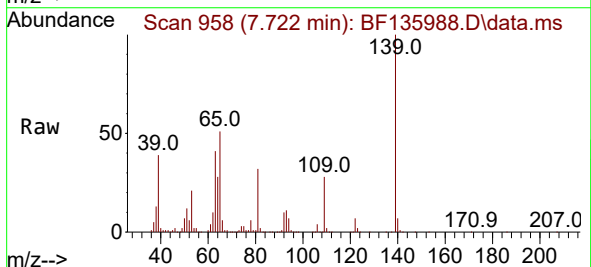
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

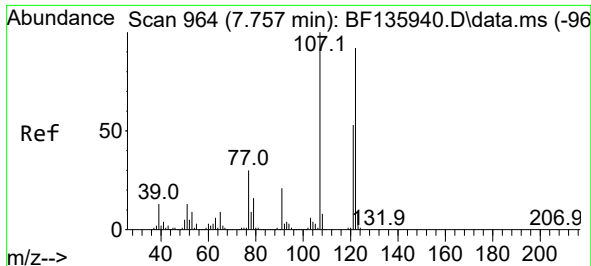
Tgt Ion: 82 Resp: 1039625
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 18.5 14.8 22.2



#26
2-Nitrophenol
Concen: 60.574 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

Tgt Ion:139 Resp: 268893
Ion Ratio Lower Upper
139 100
109 28.1 23.1 34.7
65 50.5 39.8 59.8





#27

2,4-Dimethylphenol

Concen: 43.146 ng

RT: 7.763 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF135988.D

Acq: 27 Oct 2023 17:01

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

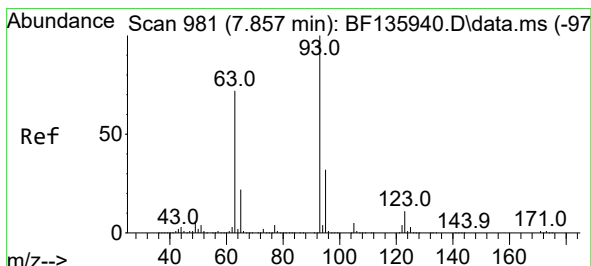
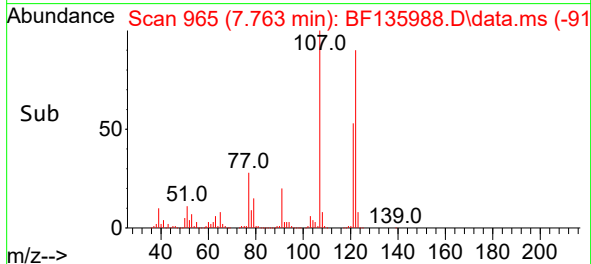
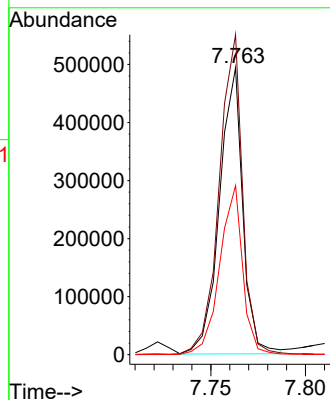
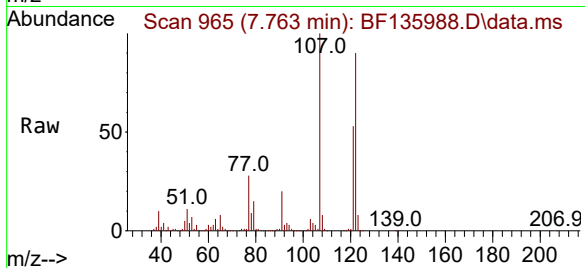
Tgt Ion:122 Resp: 420904

Ion Ratio Lower Upper

122 100

107 111.5 87.1 130.7

121 58.9 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 49.209 ng

RT: 7.863 min Scan# 982

Delta R.T. 0.006 min

Lab File: BF135988.D

Acq: 27 Oct 2023 17:01

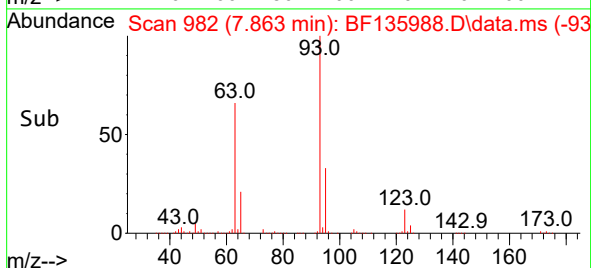
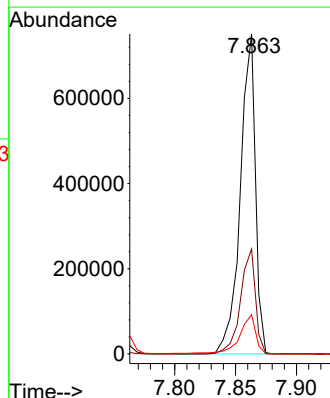
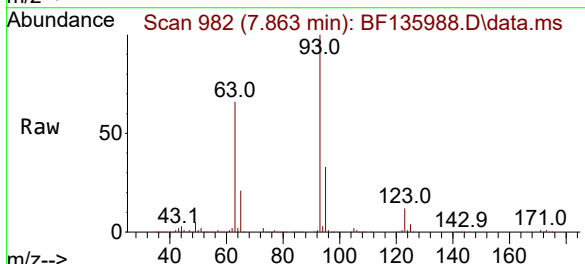
Tgt Ion: 93 Resp: 646799

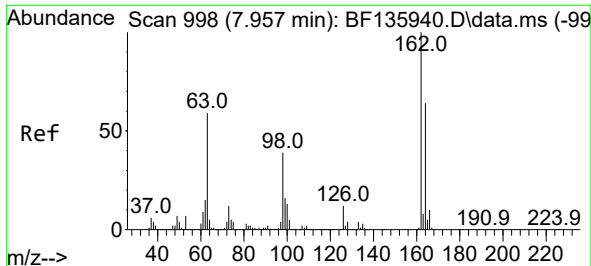
Ion Ratio Lower Upper

93 100

95 32.8 25.9 38.9

123 12.3 9.0 13.6

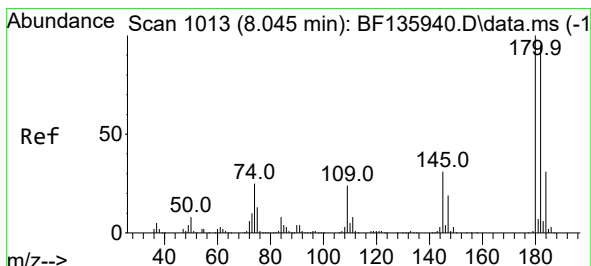
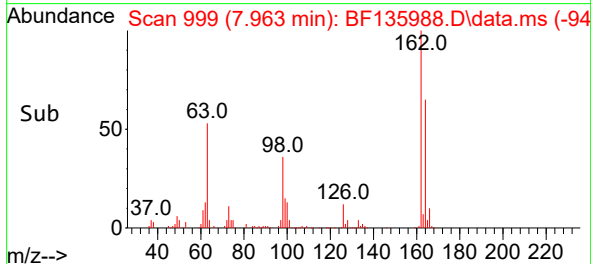
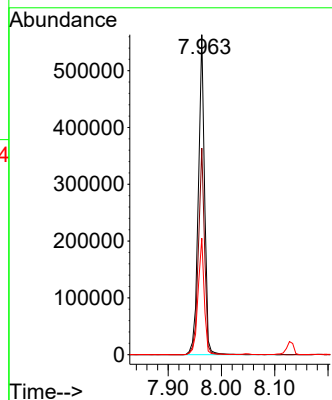
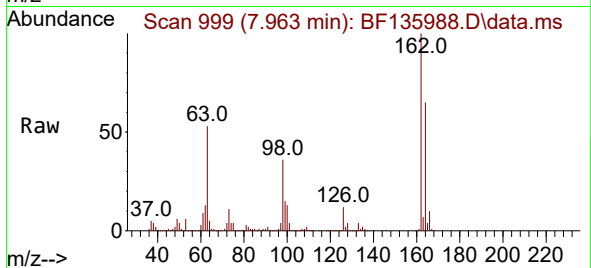




#29
2,4-Dichlorophenol
Concen: 52.079 ng
RT: 7.963 min Scan# 998
Delta R.T. 0.006 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

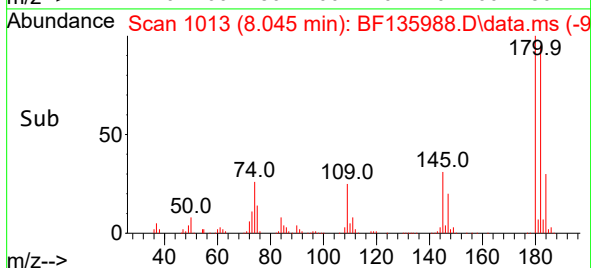
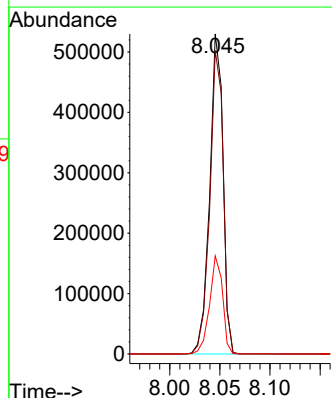
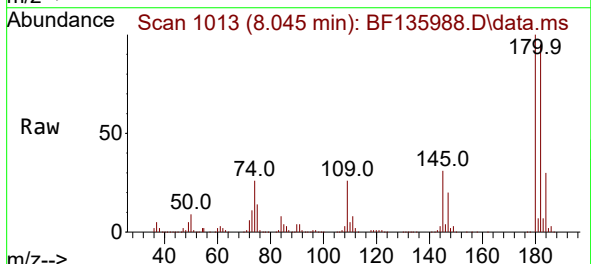
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

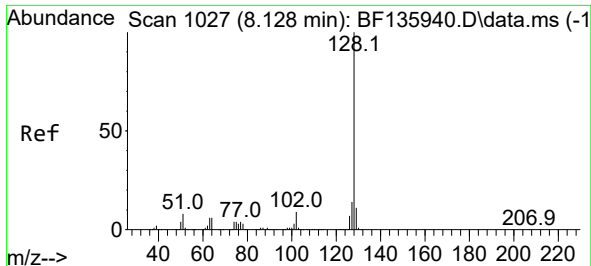
Tgt Ion:162 Resp: 454946
Ion Ratio Lower Upper
162 100
164 64.6 43.7 83.7
98 36.4 18.8 58.8



#30
1,2,4-Trichlorobenzene
Concen: 49.682 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

Tgt Ion:180 Resp: 491394
Ion Ratio Lower Upper
180 100
182 94.8 76.0 114.0
145 30.6 24.6 36.8

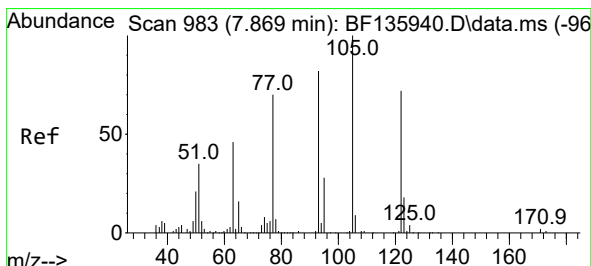
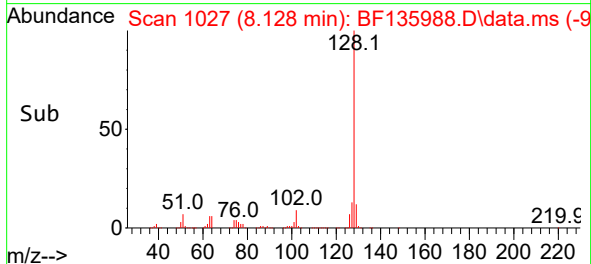
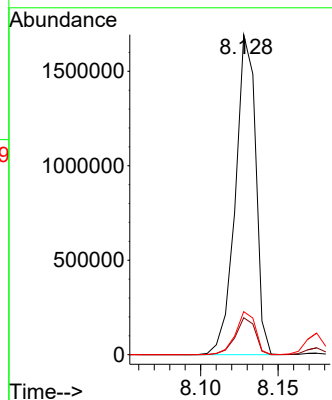
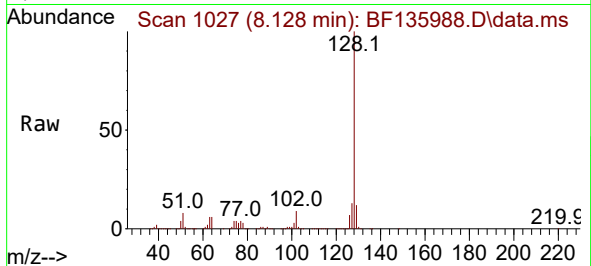




#31
Naphthalene
Concen: 47.268 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

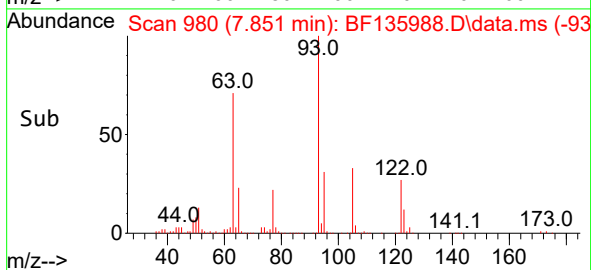
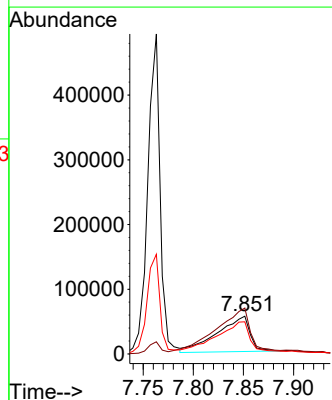
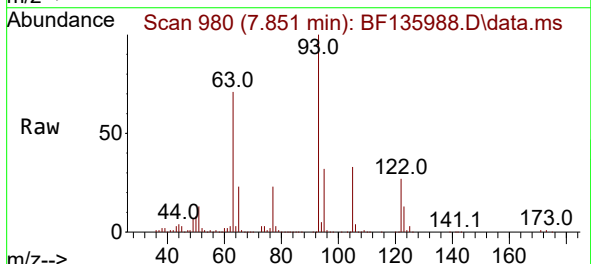
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

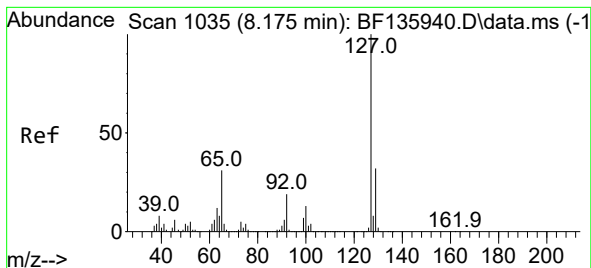
Tgt Ion:128 Resp: 1547501
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.4 10.9 16.3



#32
Benzoic acid
Concen: 33.635 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.018 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

Tgt Ion:122 Resp: 124968
Ion Ratio Lower Upper
122 100
105 121.8 113.1 153.1
77 85.2 75.2 115.2

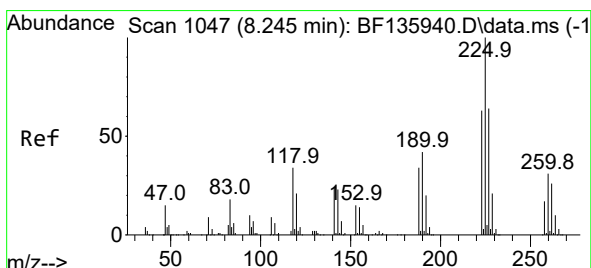
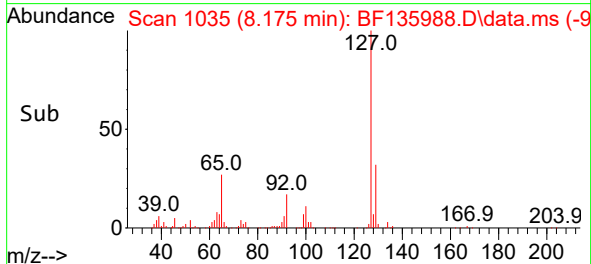
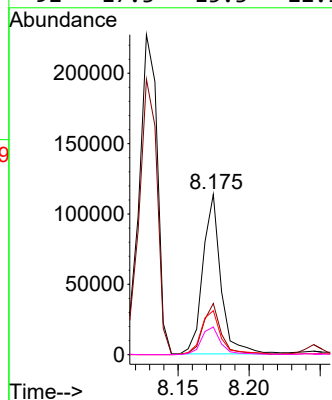
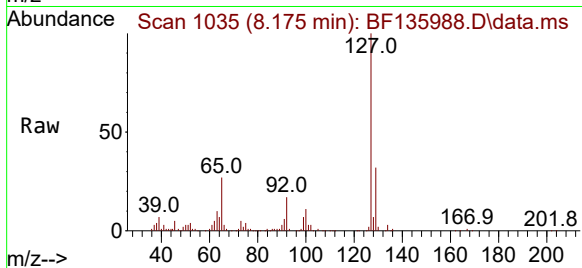




#33
4-Chloroaniline
Concen: 6.909 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

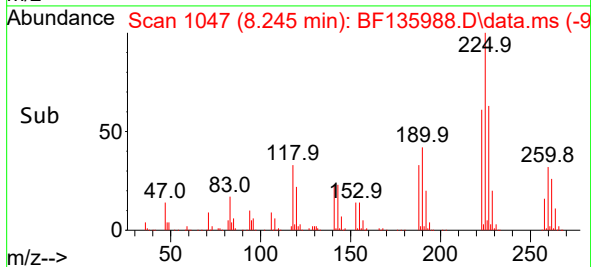
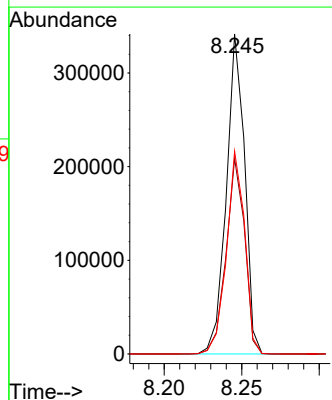
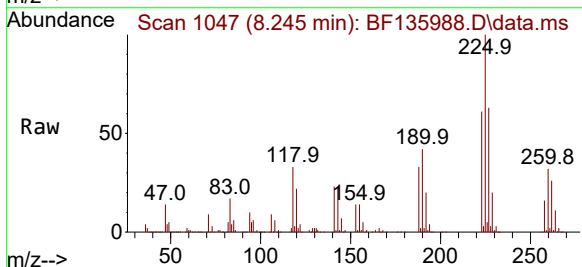
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

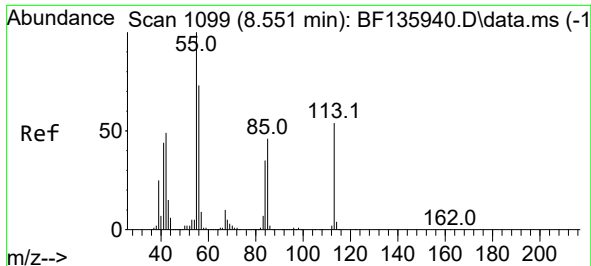
Tgt Ion:	127	Resp:	99977
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.7	38.5
65	27.4	24.8	37.2
92	17.3	15.3	22.9



#34
Hexachlorobutadiene
Concen: 50.222 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

Tgt Ion:	225	Resp:	279982
Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.6	75.8
227	63.4	50.9	76.3

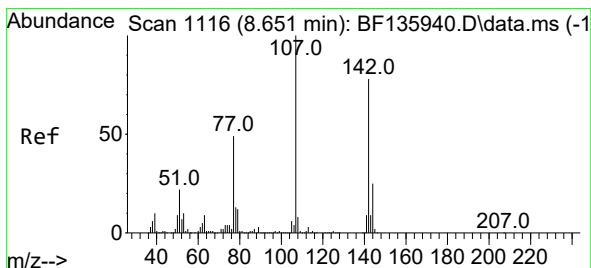
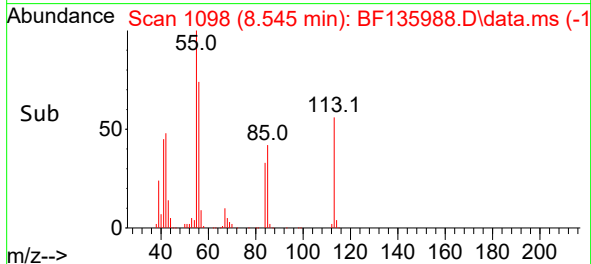
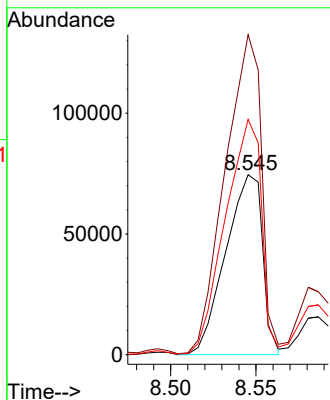
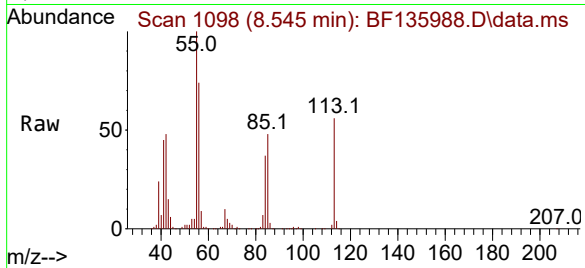




#35
 Caprolactam
 Concen: 38.421 ng
 RT: 8.545 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF135988.D
 Acq: 27 Oct 2023 17:01

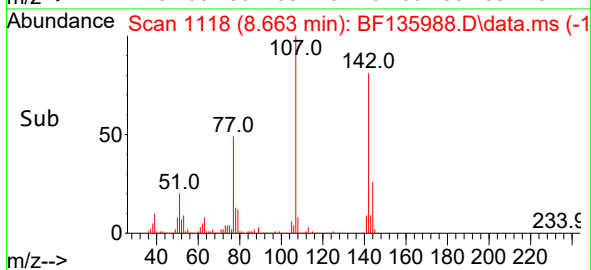
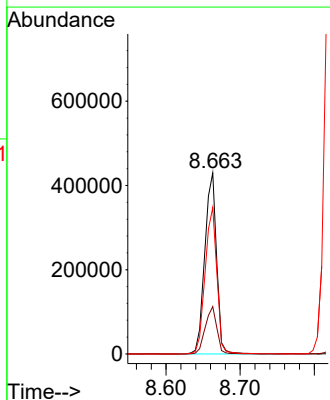
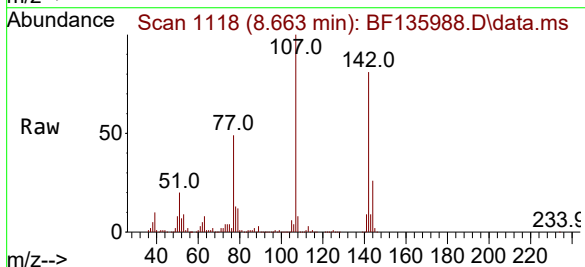
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

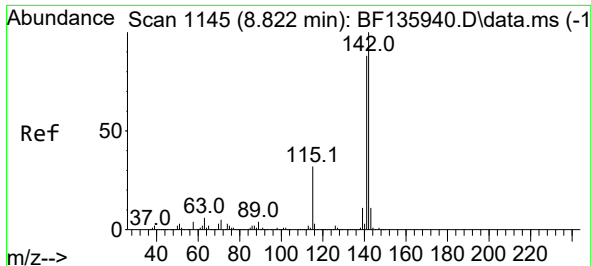
Tgt Ion:113 Resp: 111690
 Ion Ratio Lower Upper
 113 100
 55 177.7 165.4 205.4
 56 130.8 115.2 155.2



#36
 4-Chloro-3-methylphenol
 Concen: 51.322 ng
 RT: 8.663 min Scan# 1118
 Delta R.T. 0.012 min
 Lab File: BF135988.D
 Acq: 27 Oct 2023 17:01

Tgt Ion:107 Resp: 476446
 Ion Ratio Lower Upper
 107 100
 144 26.1 19.9 29.9
 142 80.8 62.8 94.2

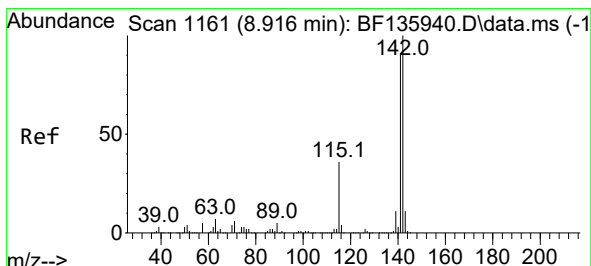
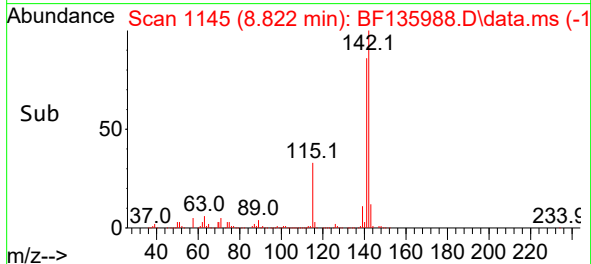
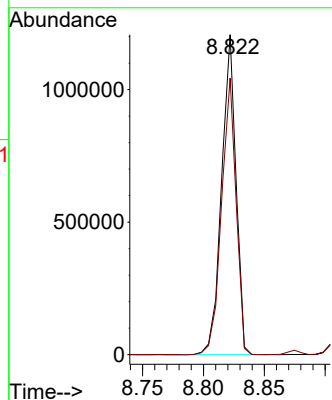
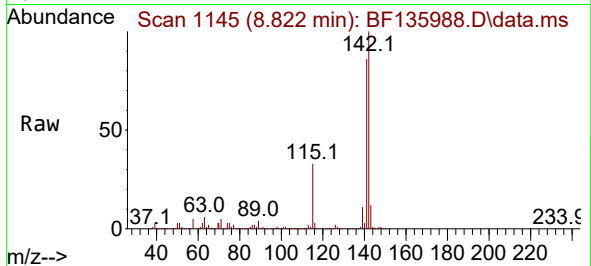




#37
2-Methylnaphthalene
Concen: 45.902 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

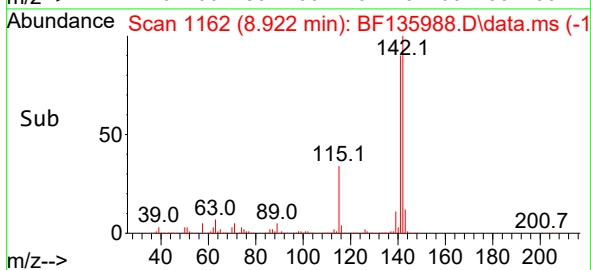
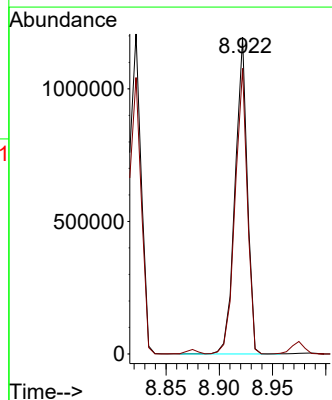
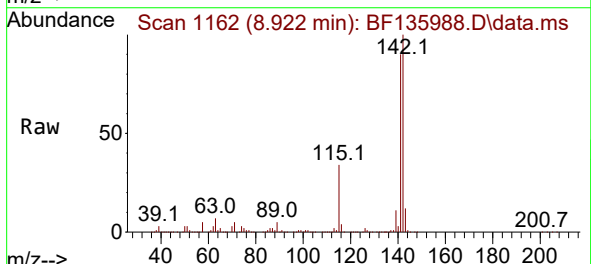
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

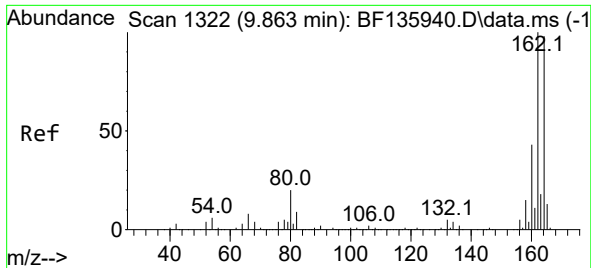
Tgt Ion:142 Resp: 994295
Ion Ratio Lower Upper
142 100
141 86.4 70.4 105.6



#38
1-Methylnaphthalene
Concen: 47.163 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

Tgt Ion:142 Resp: 954595
Ion Ratio Lower Upper
142 100
141 90.1 73.1 109.7

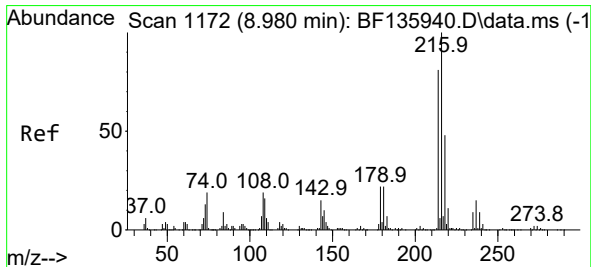
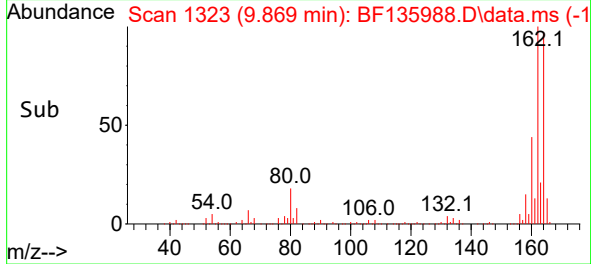
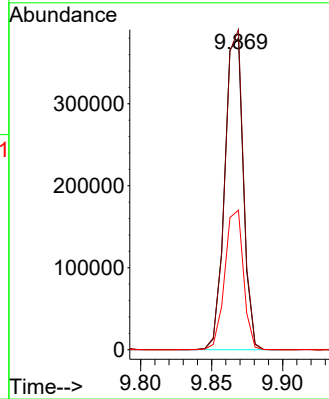
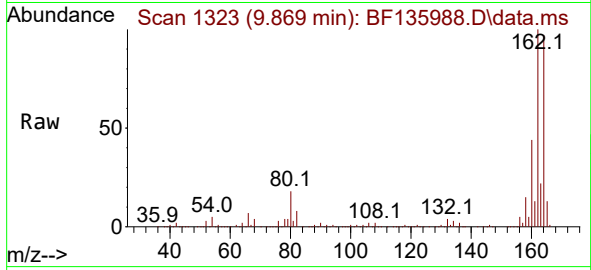




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

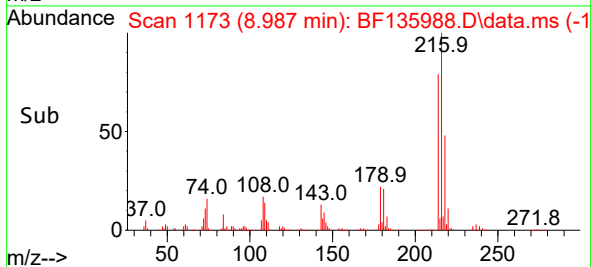
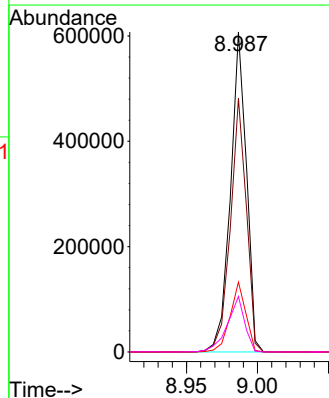
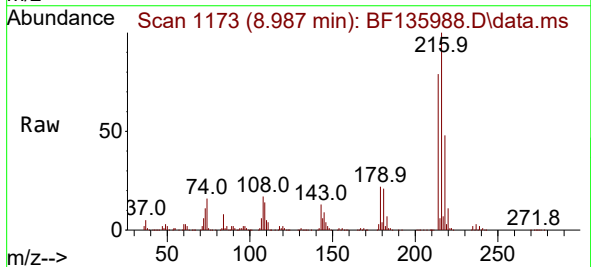
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

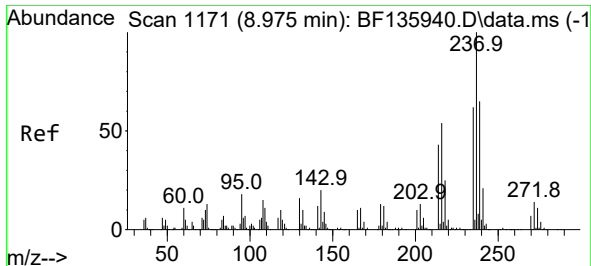
Tgt Ion:164 Resp: 346598
Ion Ratio Lower Upper
164 100
162 102.7 82.0 123.0
160 44.8 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.466 ng
RT: 8.987 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

Tgt Ion:216 Resp: 474448
Ion Ratio Lower Upper
216 100
214 79.2 63.3 94.9
179 21.6 17.3 25.9
108 19.0 15.2 22.8

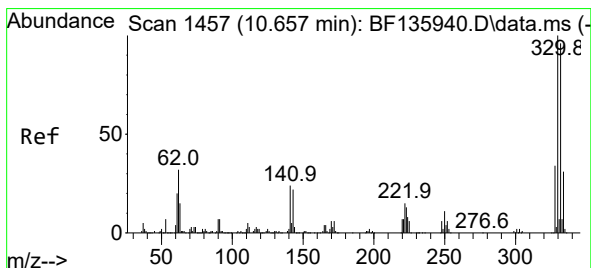
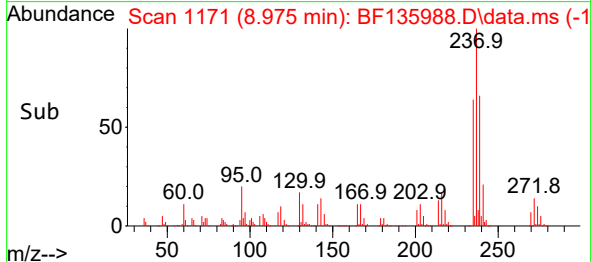
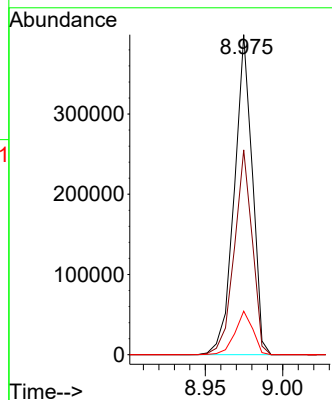
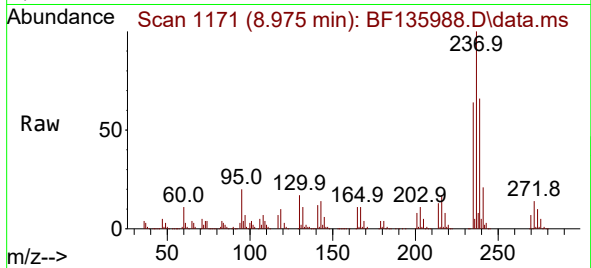




#41
Hexachlorocyclopentadiene
Concen: 66.673 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

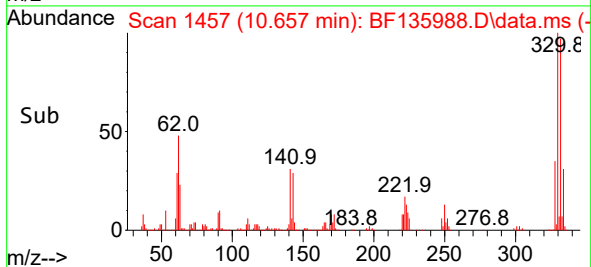
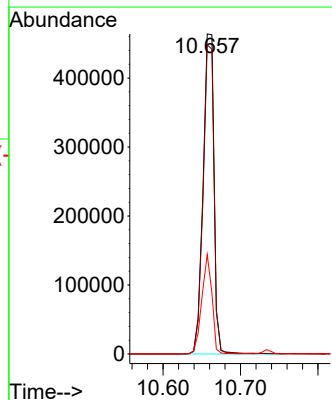
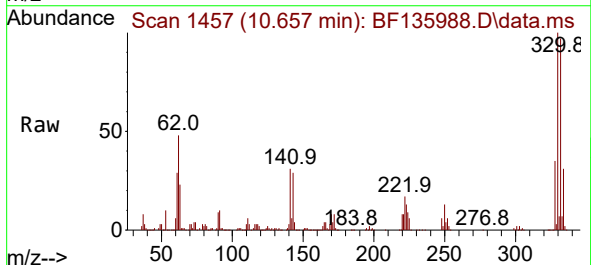
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

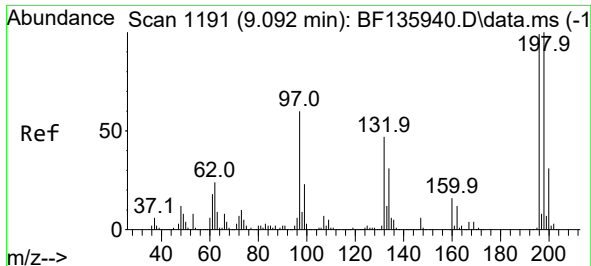
Tgt Ion:237 Resp: 321826
Ion Ratio Lower Upper
237 100
235 64.0 41.7 81.7
272 13.6 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 150.360 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

Tgt Ion:330 Resp: 456156
Ion Ratio Lower Upper
330 100
332 95.7 77.4 116.2
141 28.7 24.9 37.3

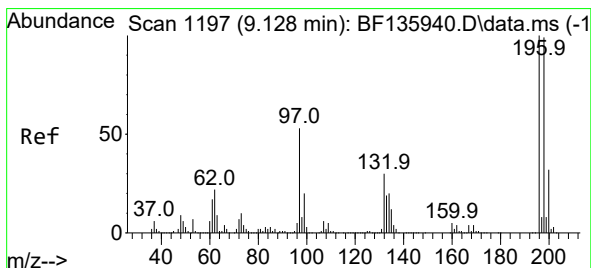
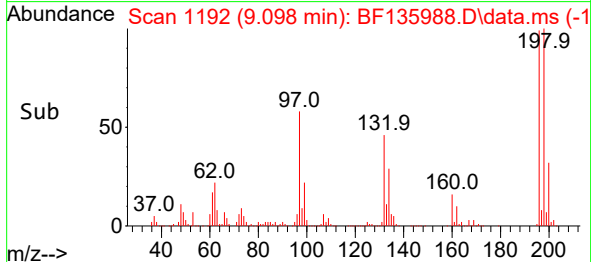
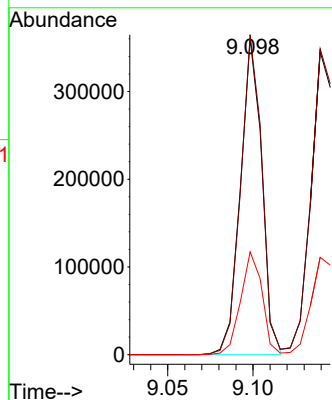
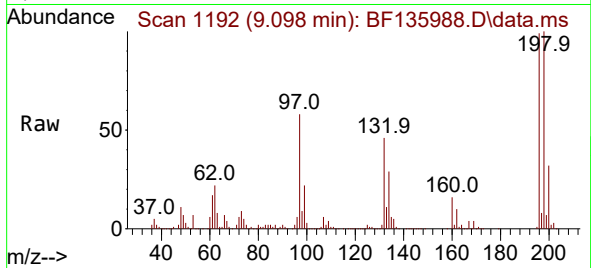




#43
 2,4,6-Trichlorophenol
 Concen: 54.764 ng
 RT: 9.098 min Scan# 1191
 Delta R.T. 0.006 min
 Lab File: BF135988.D
 Acq: 27 Oct 2023 17:01

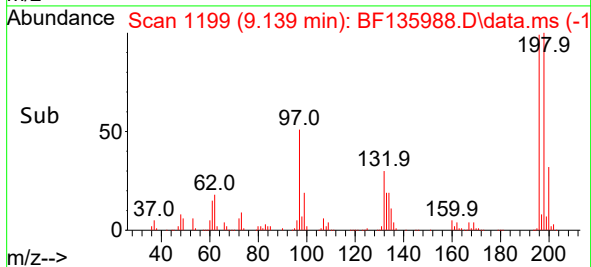
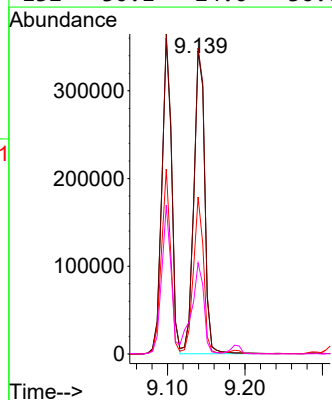
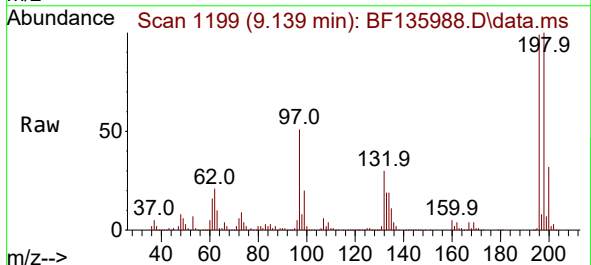
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

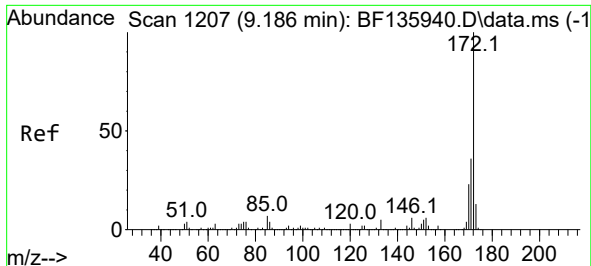
Tgt Ion:196 Resp: 313775
 Ion Ratio Lower Upper
 196 100
 198 101.3 81.0 121.4
 200 32.6 25.4 38.0



#44
 2,4,5-Trichlorophenol
 Concen: 49.468 ng
 RT: 9.139 min Scan# 1199
 Delta R.T. 0.012 min
 Lab File: BF135988.D
 Acq: 27 Oct 2023 17:01

Tgt Ion:196 Resp: 336524
 Ion Ratio Lower Upper
 196 100
 198 101.0 79.1 118.7
 97 51.8 42.3 63.5
 132 30.1 24.0 36.0





#45

2-Fluorobiphenyl

Concen: 88.159 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF135988.D

Acq: 27 Oct 2023 17:01

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

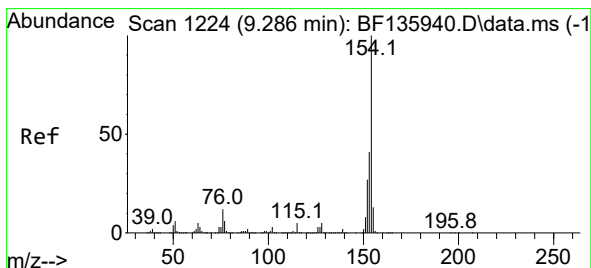
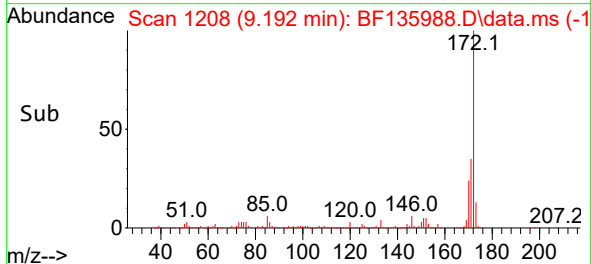
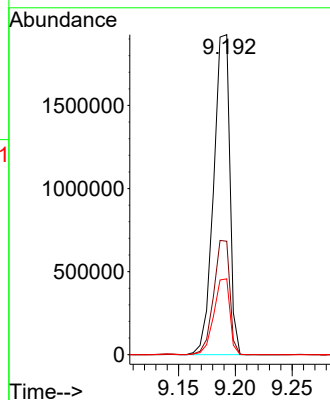
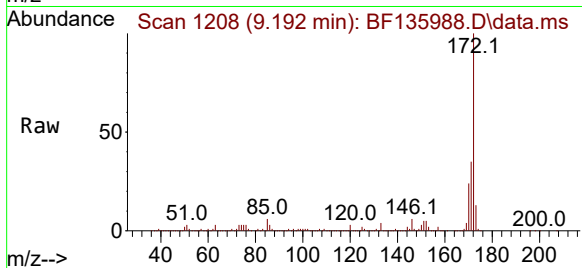
Tgt Ion:172 Resp: 1908246

Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.7 18.6 28.0



#46

1,1'-Biphenyl

Concen: 48.260 ng

RT: 9.287 min Scan# 1224

Delta R.T. 0.000 min

Lab File: BF135988.D

Acq: 27 Oct 2023 17:01

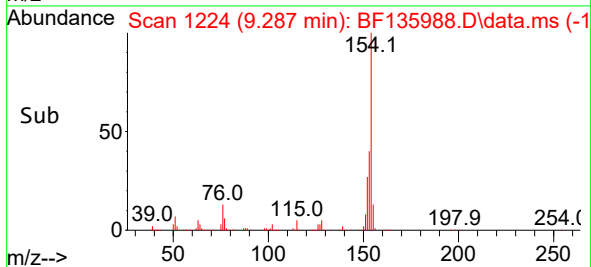
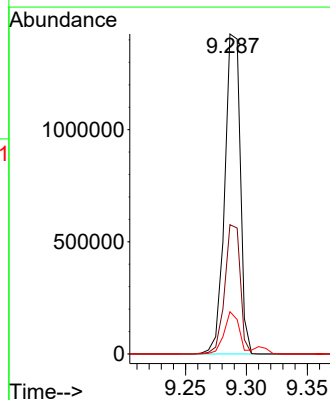
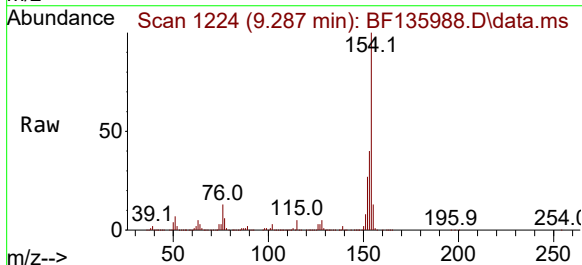
Tgt Ion:154 Resp: 1267443

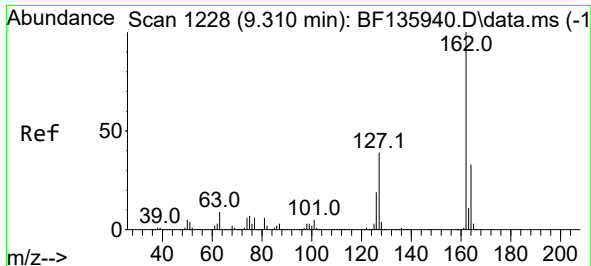
Ion Ratio Lower Upper

154 100

153 40.4 20.7 60.7

76 13.2 0.0 32.4

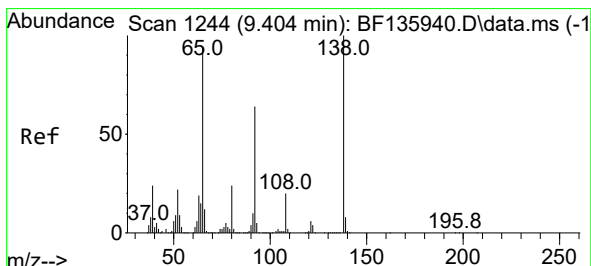
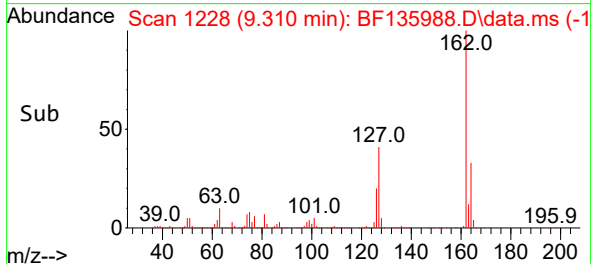
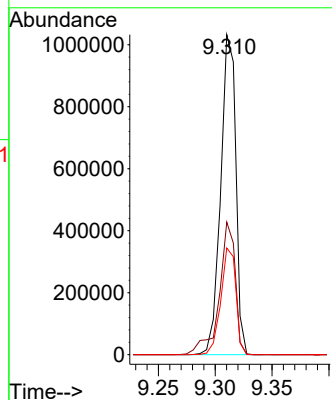
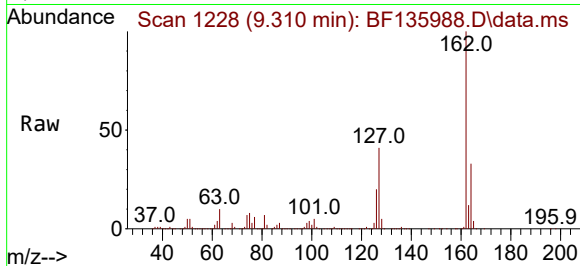




#47
2-Chloronaphthalene
Concen: 49.417 ng
RT: 9.310 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

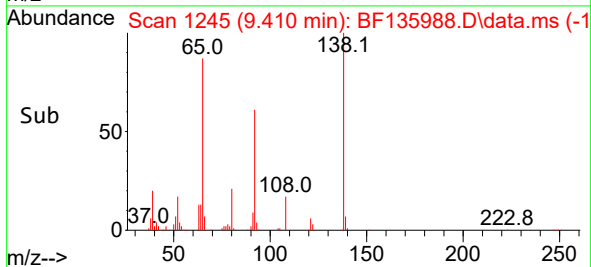
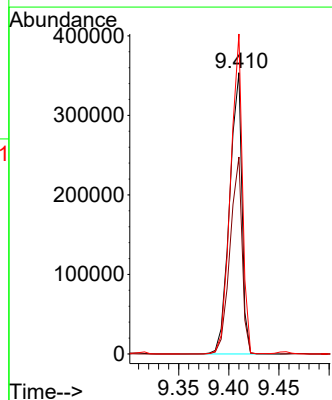
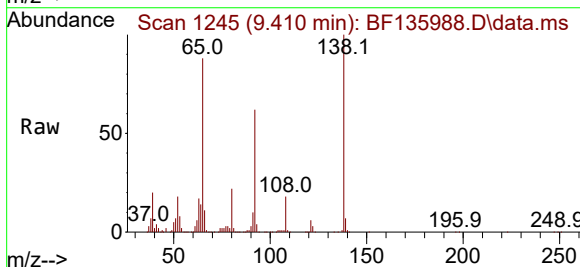
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

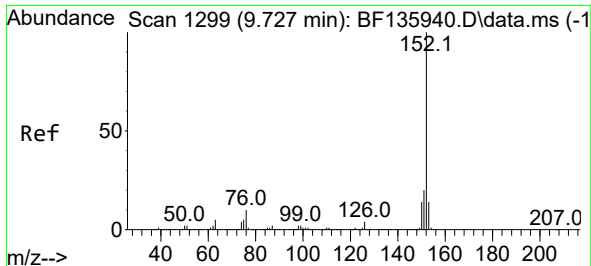
Tgt Ion:162 Resp: 959960
Ion Ratio Lower Upper
162 100
127 41.5 31.0 46.4
164 33.3 26.6 39.8



#48
2-Nitroaniline
Concen: 54.924 ng
RT: 9.410 min Scan# 1245
Delta R.T. 0.006 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

Tgt Ion: 65 Resp: 301266
Ion Ratio Lower Upper
65 100
92 70.0 54.9 82.3
138 113.8 85.2 127.8





#49

Acenaphthylene

Concen: 48.722 ng

RT: 9.728 min Scan# 1299

Delta R.T. 0.000 min

Lab File: BF135988.D

Acq: 27 Oct 2023 17:01

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

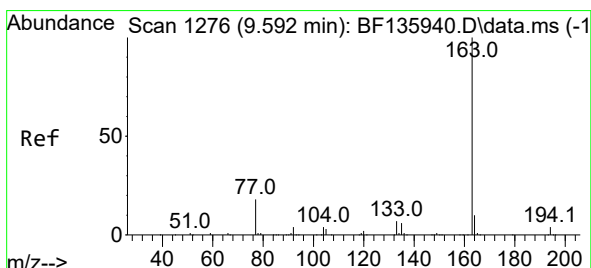
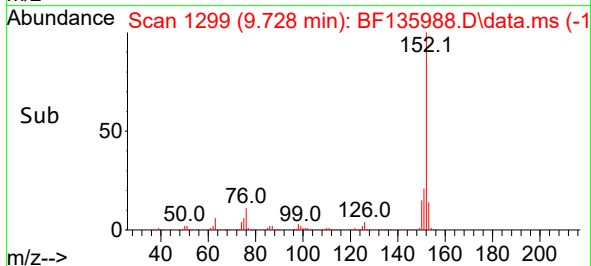
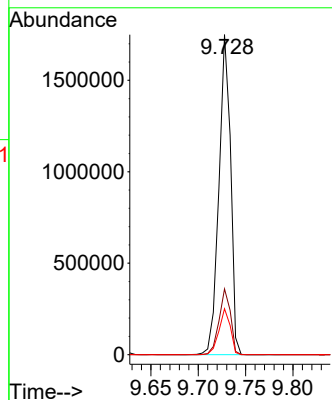
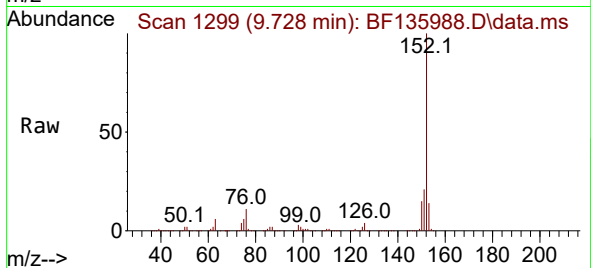
Tgt Ion:152 Resp: 1493135

Ion Ratio Lower Upper

152 100

151 20.6 16.0 24.0

153 14.4 11.0 16.6



#50

Dimethylphthalate

Concen: 49.616 ng

RT: 9.592 min Scan# 1276

Delta R.T. 0.000 min

Lab File: BF135988.D

Acq: 27 Oct 2023 17:01

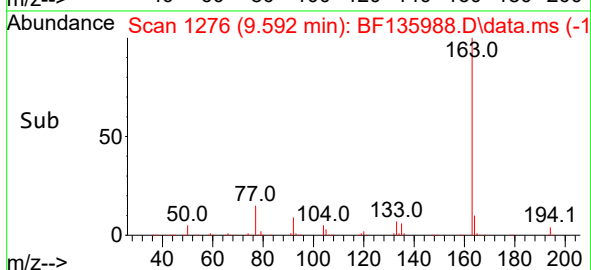
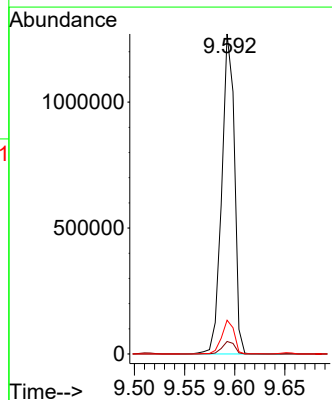
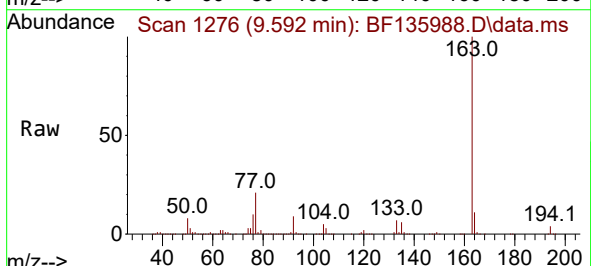
Tgt Ion:163 Resp: 1115199

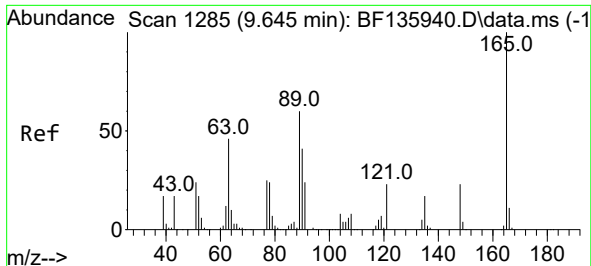
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 10.5 8.3 12.5

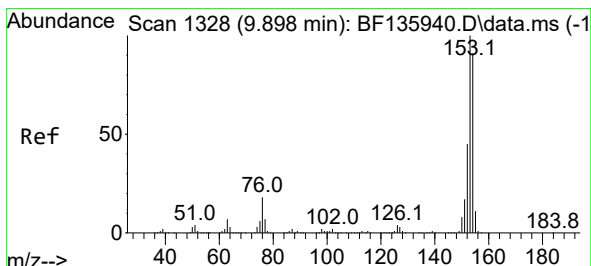
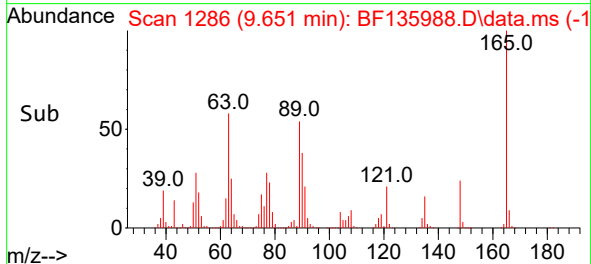
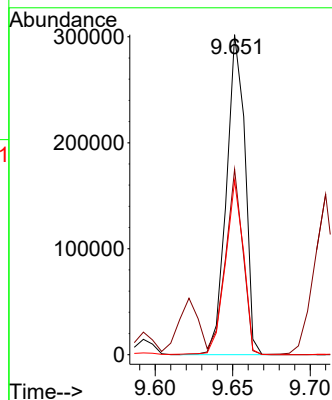
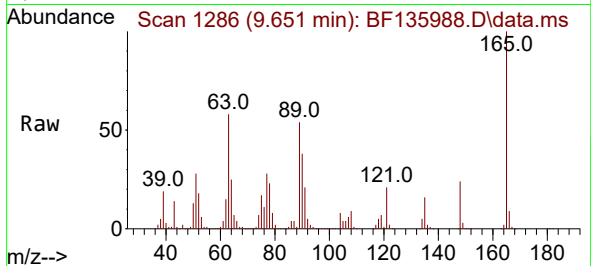




#51
2,6-Dinitrotoluene
Concen: 53.315 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

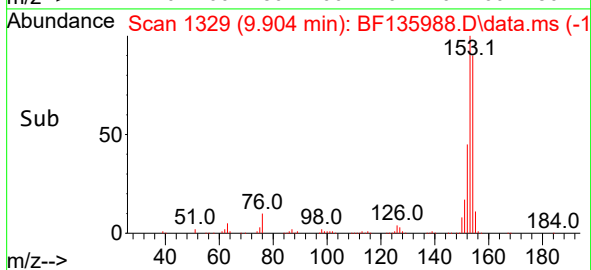
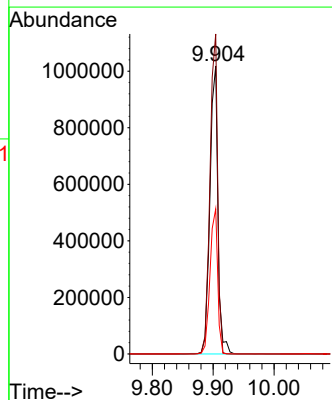
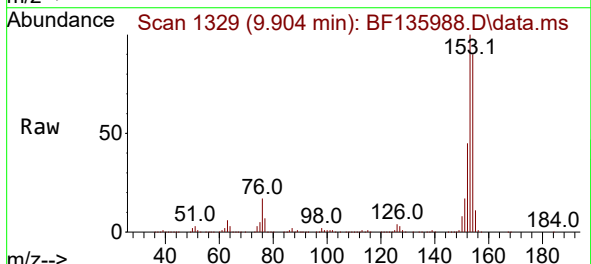
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

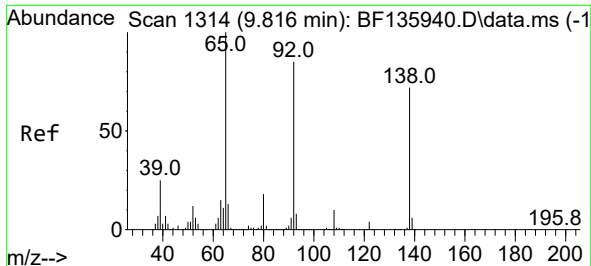
Tgt Ion:165 Resp: 251230
Ion Ratio Lower Upper
165 100
63 57.9 51.7 77.5
89 54.5 48.3 72.5



#52
Acenaphthene
Concen: 47.304 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

Tgt Ion:154 Resp: 929049
Ion Ratio Lower Upper
154 100
153 111.1 88.0 132.0
152 50.4 39.4 59.2

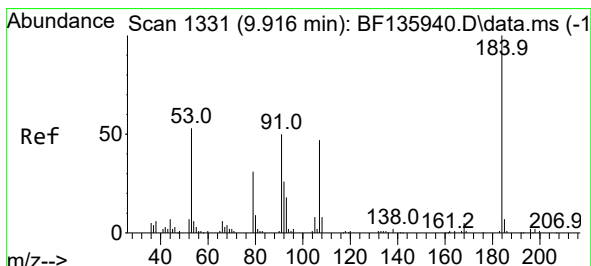
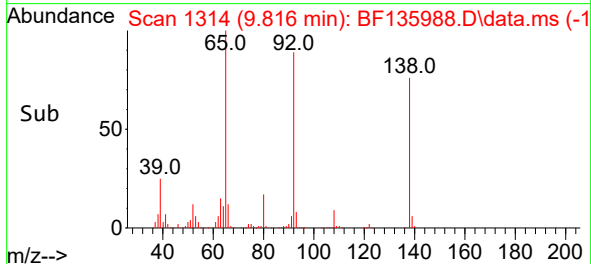
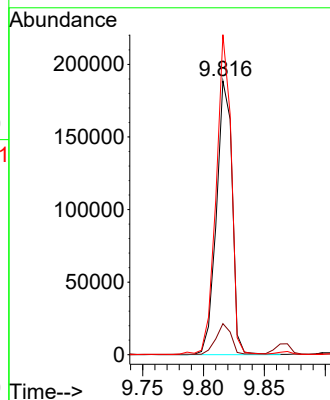
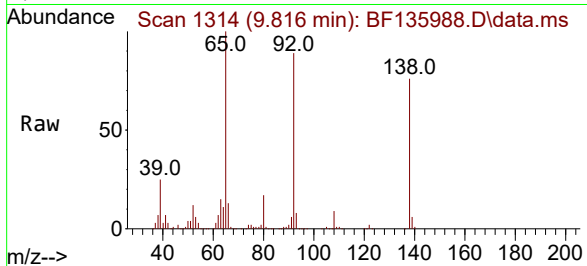




#53
3-Nitroaniline
Concen: 31.991 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

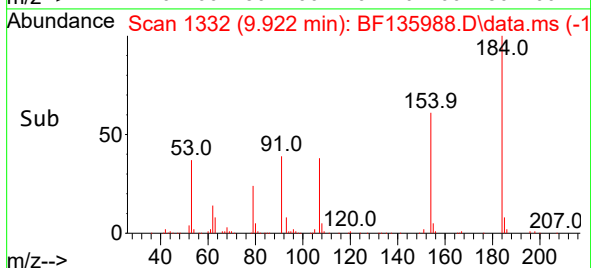
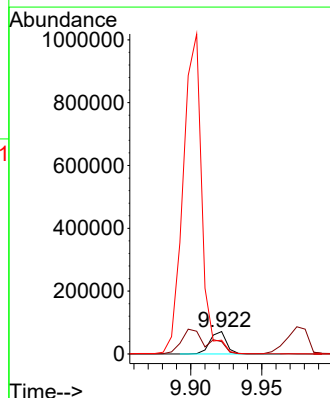
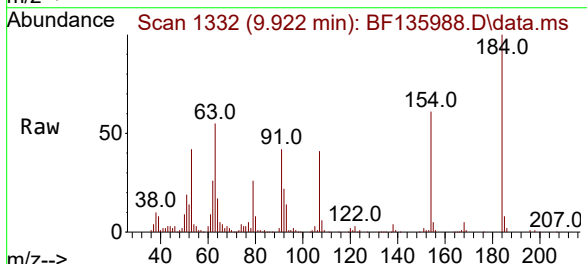
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

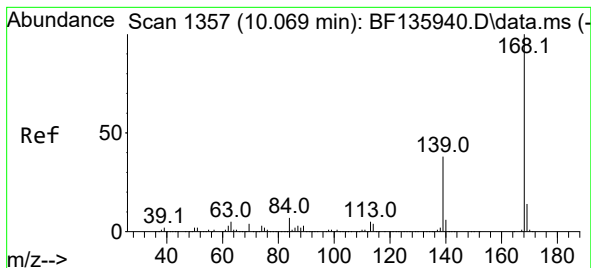
Tgt Ion:138 Resp: 169001
Ion Ratio Lower Upper
138 100
108 11.3 11.3 16.9
92 116.9 95.0 142.6



#54
2,4-Dinitrophenol
Concen: 49.446 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

Tgt Ion:184 Resp: 57720
Ion Ratio Lower Upper
184 100
63 55.1 56.3 84.5#
154 61.3 48.1 72.1

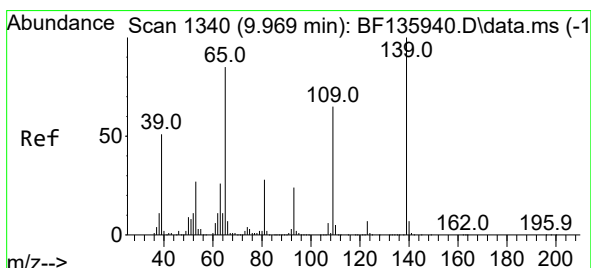
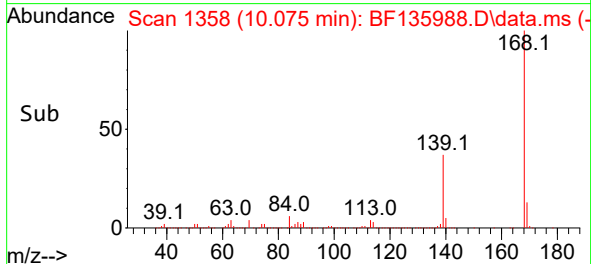
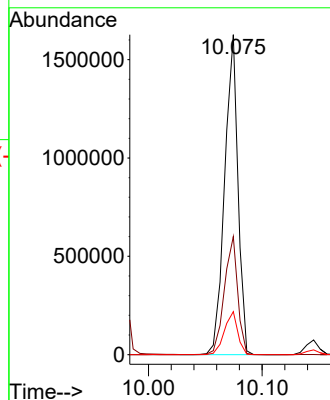
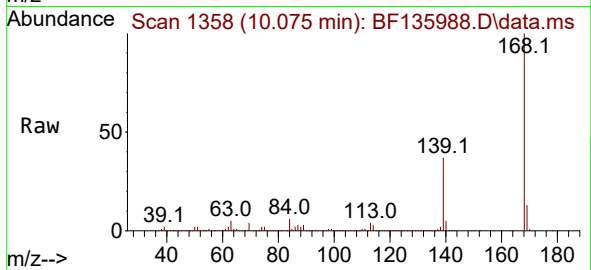




#55
Dibenzenofuran
Concen: 46.755 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.006 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

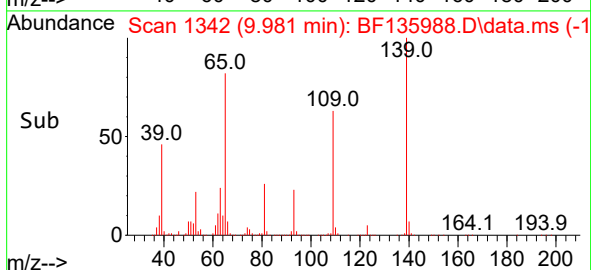
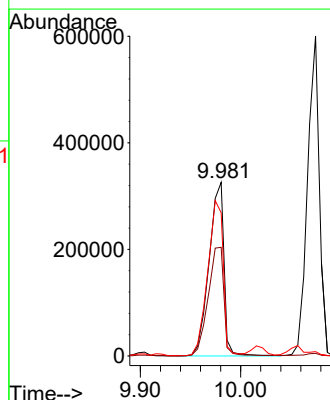
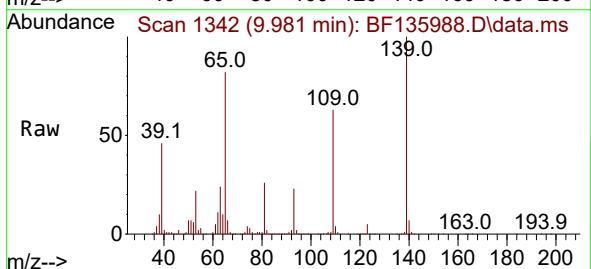
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

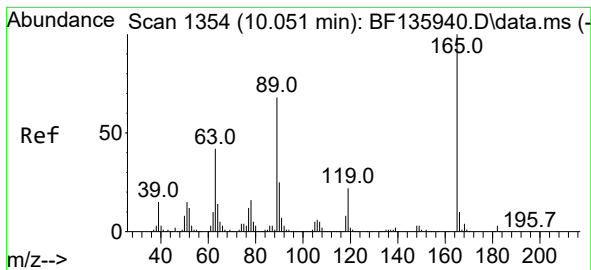
Tgt Ion:168 Resp: 1326579
Ion Ratio Lower Upper
168 100
139 36.9 30.7 46.1
169 13.5 11.1 16.7



#56
4-Nitrophenol
Concen: 74.924 ng
RT: 9.981 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

Tgt Ion:139 Resp: 337798
Ion Ratio Lower Upper
139 100
109 62.6 45.2 85.2
65 82.5 65.1 105.1

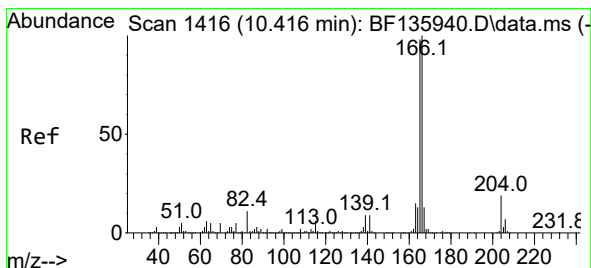
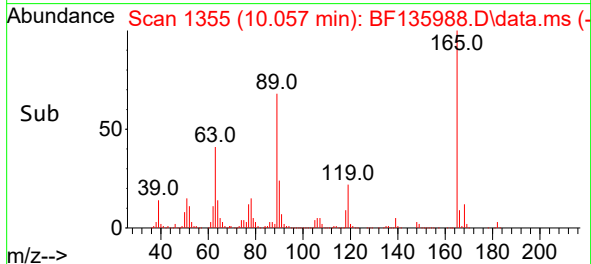
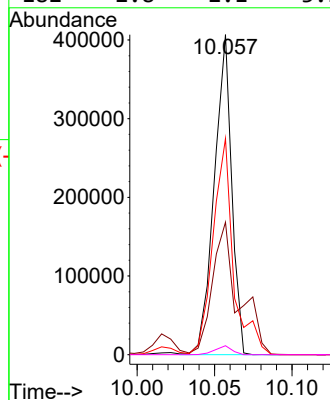
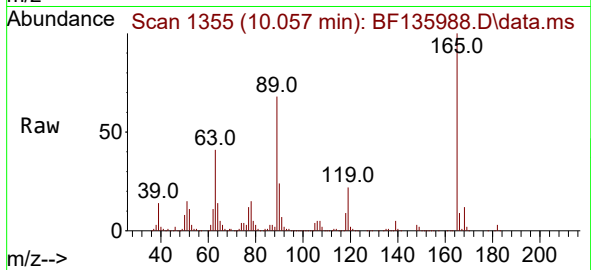




#57
2,4-Dinitrotoluene
Concen: 54.393 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

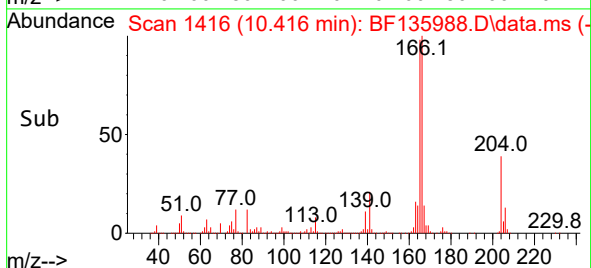
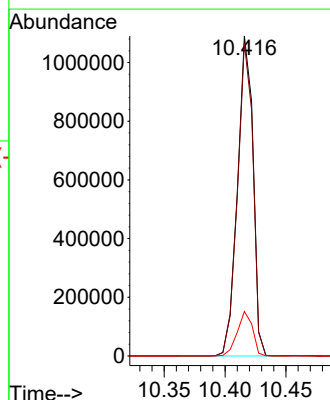
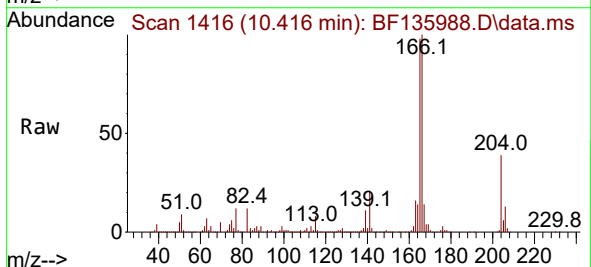
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

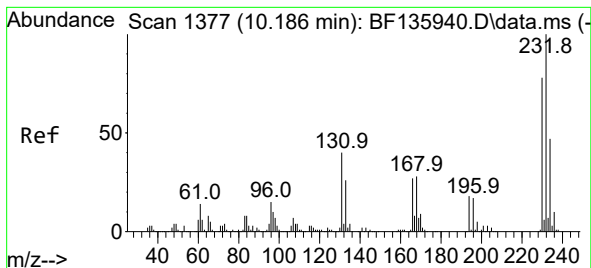
Tgt Ion:165 Resp: 318833
Ion Ratio Lower Upper
165 100
63 41.4 33.7 50.5
89 67.5 54.6 81.8
182 2.8 2.1 3.1



#58
Fluorene
Concen: 45.711 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

Tgt Ion:166 Resp: 970328
Ion Ratio Lower Upper
166 100
165 97.8 78.0 117.0
167 13.9 10.6 16.0

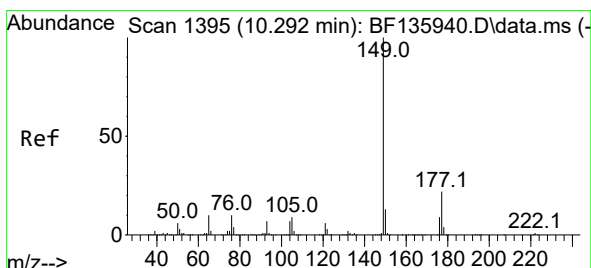
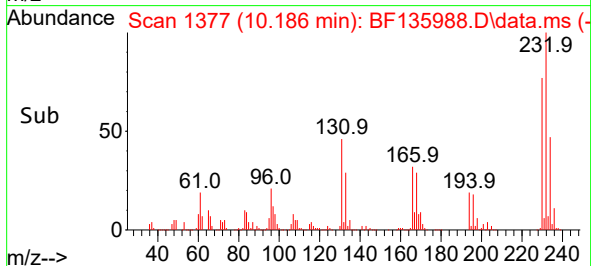
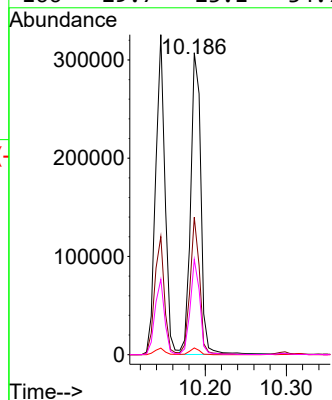
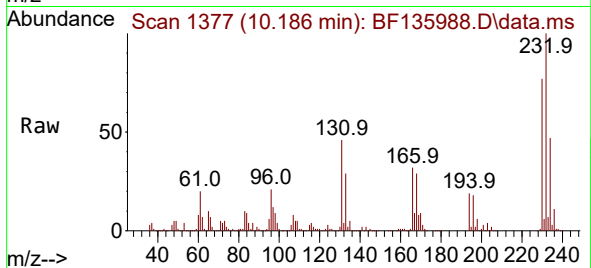




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.521 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

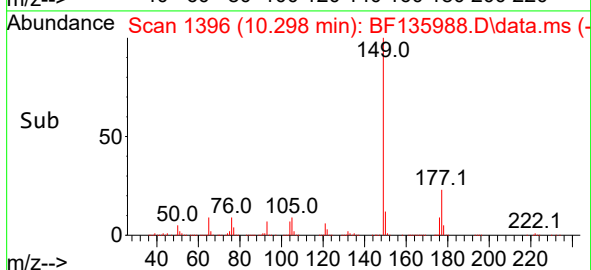
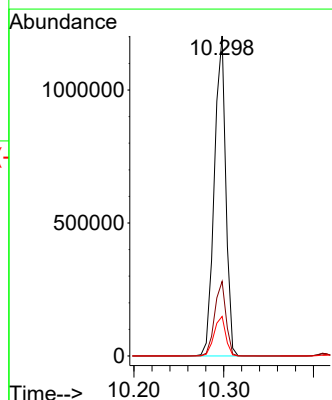
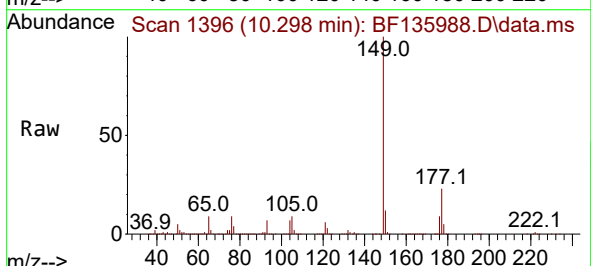
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

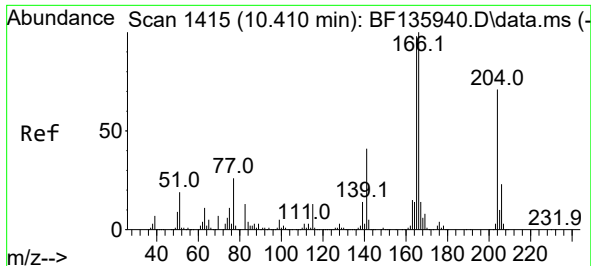
Tgt Ion:232 Resp: 268858
Ion Ratio Lower Upper
232 100
131 42.1 35.2 52.8
130 2.1 1.7 2.5
166 29.7 23.1 34.7



#60
Diethylphthalate
Concen: 49.679 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

Tgt Ion:149 Resp: 1064805
Ion Ratio Lower Upper
149 100
177 23.3 17.9 26.9
150 12.3 10.2 15.2

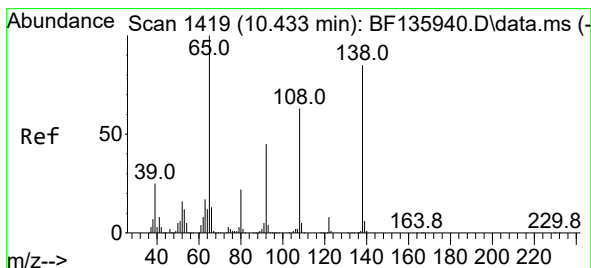
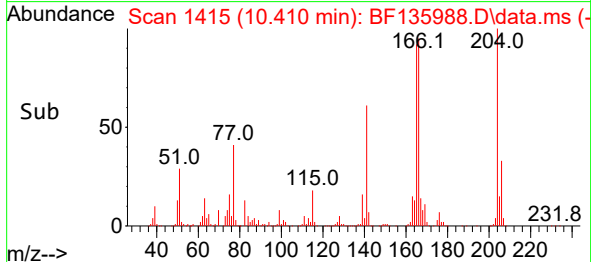
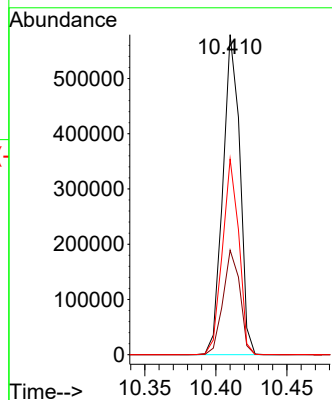
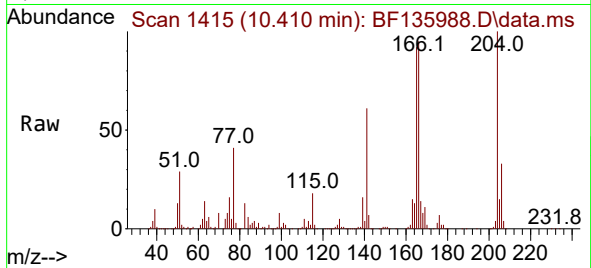




#61
4-Chlorophenyl-phenylether
Concen: 46.878 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

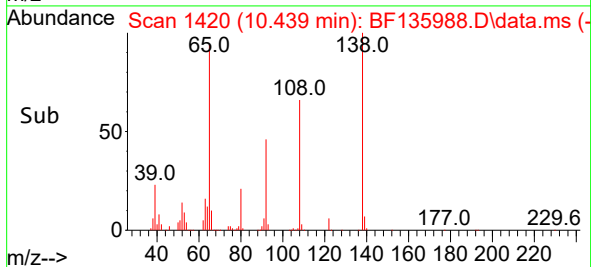
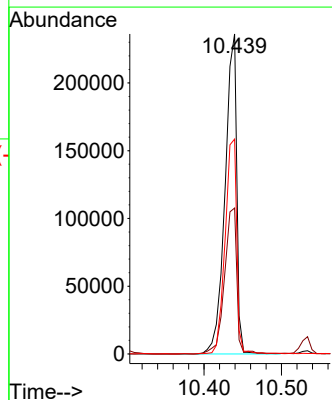
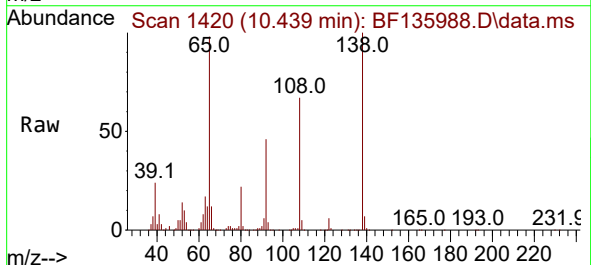
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

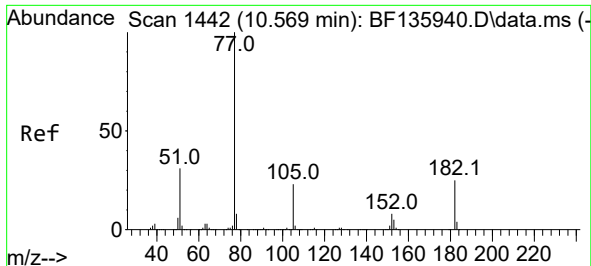
Tgt Ion:204 Resp: 480007
Ion Ratio Lower Upper
204 100
206 32.6 26.4 39.6
141 61.2 46.2 69.2



#62
4-Nitroaniline
Concen: 45.265 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

Tgt Ion:138 Resp: 248284
Ion Ratio Lower Upper
138 100
92 45.6 32.9 72.9
108 67.2 53.5 93.5

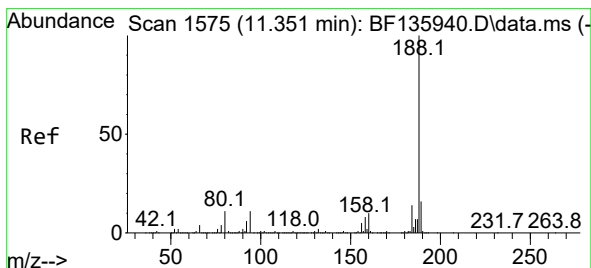
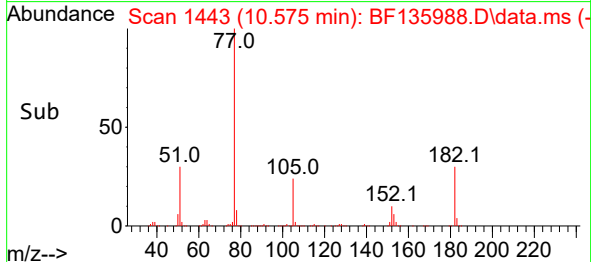
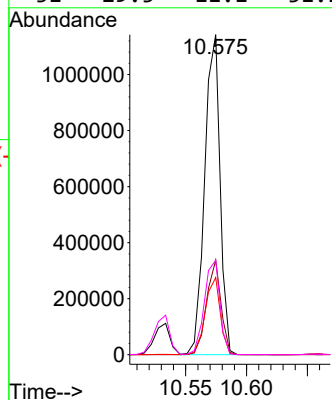
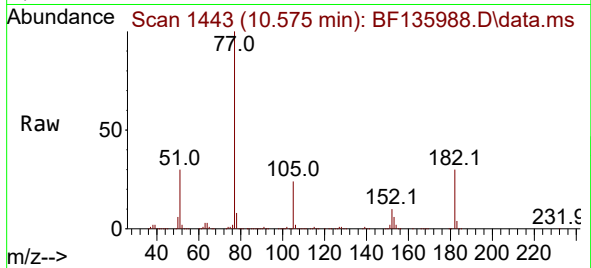




#63
Azobenzene
Concen: 46.040 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

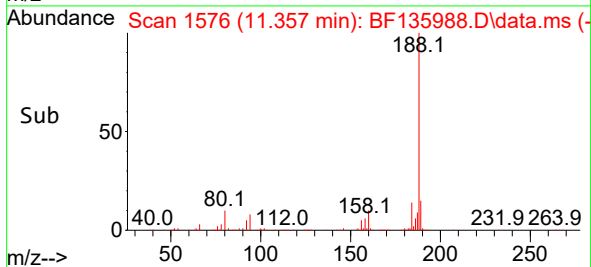
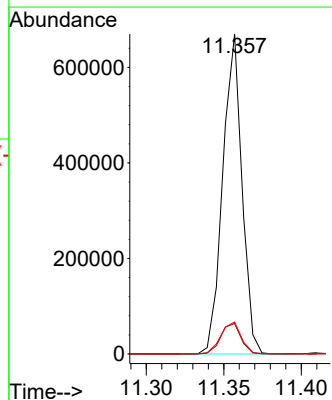
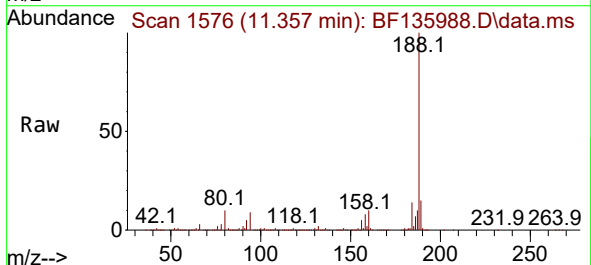
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

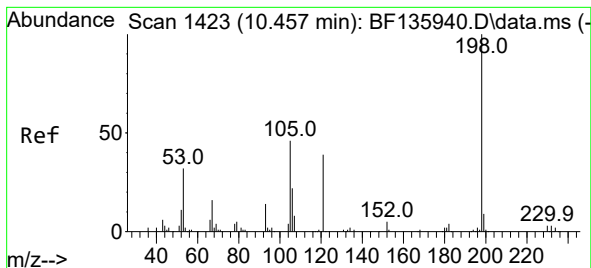
Tgt Ion: 77 Resp: 1001433
Ion Ratio Lower Upper
77 100
182 29.6 5.1 45.1
105 24.1 2.8 42.8
51 29.5 11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

Tgt Ion: 188 Resp: 577210
Ion Ratio Lower Upper
188 100
94 9.5 8.6 13.0
80 10.0 9.0 13.6

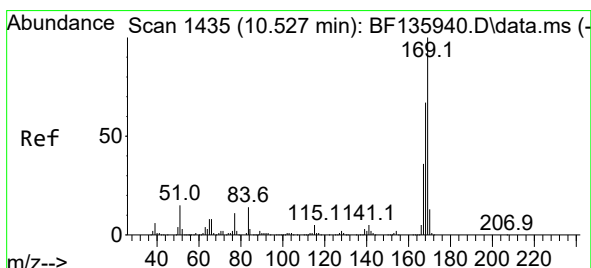
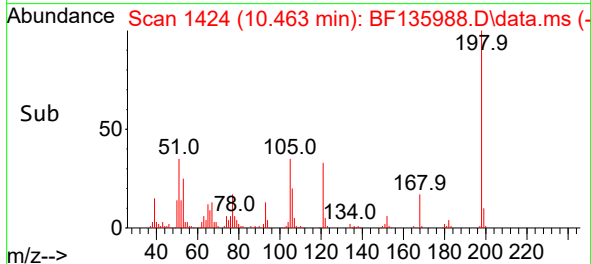
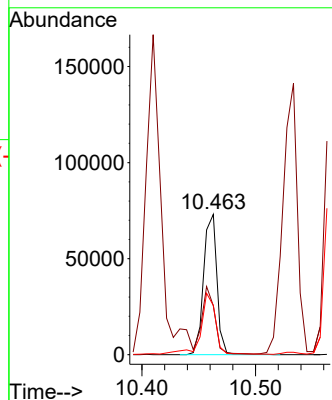
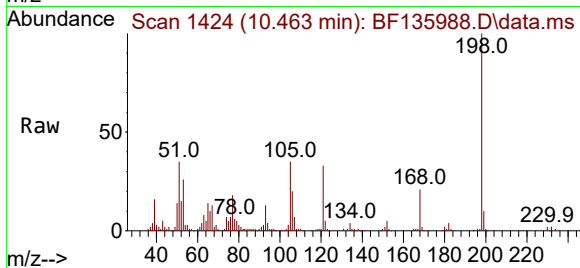




#65
4,6-Dinitro-2-methylphenol
Concen: 37.017 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

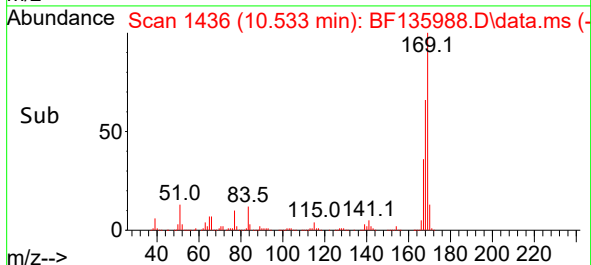
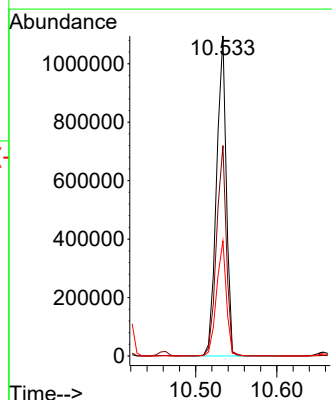
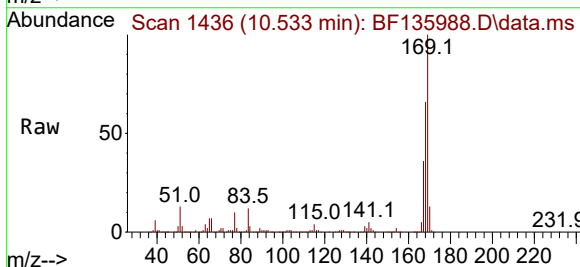
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

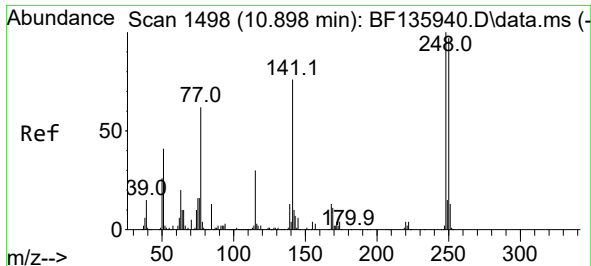
Tgt Ion:198 Resp: 59675
Ion Ratio Lower Upper
198 100
51 34.8 28.7 68.7
105 35.2 27.2 67.2



#66
n-Nitrosodiphenylamine
Concen: 52.505 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

Tgt Ion:169 Resp: 915563
Ion Ratio Lower Upper
169 100
168 65.8 53.5 80.3
167 36.0 29.0 43.4

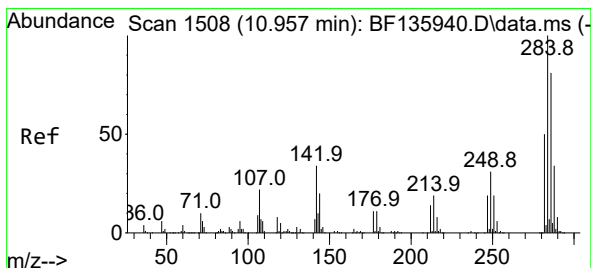
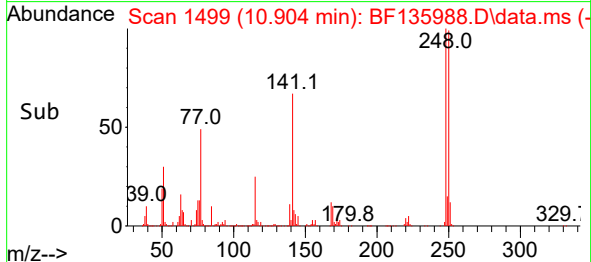
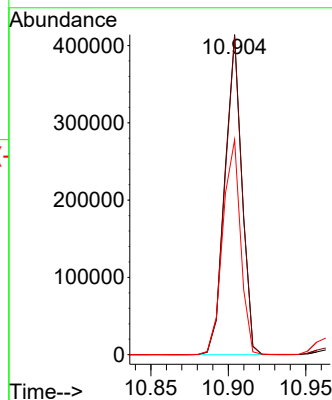
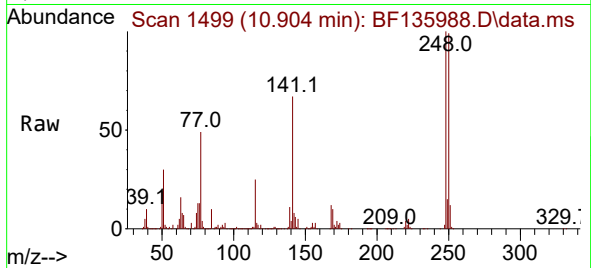




#67
4-Bromophenyl-phenylether
Concen: 53.550 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

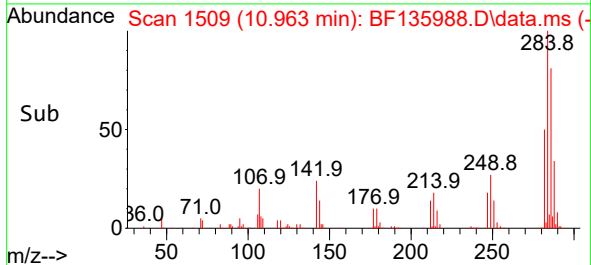
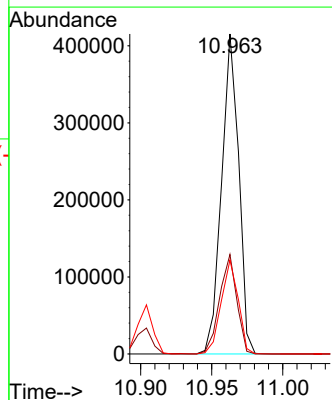
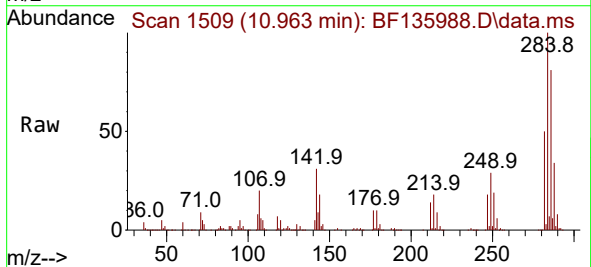
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

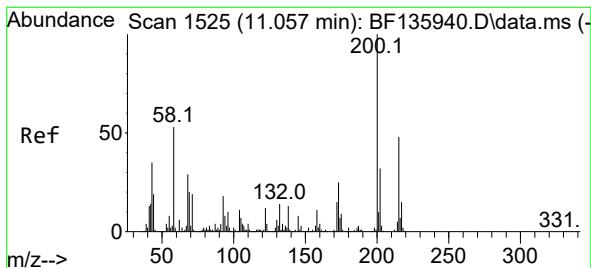
Tgt Ion:248 Resp: 316550
Ion Ratio Lower Upper
248 100
250 99.5 77.9 116.9
141 67.1 60.8 91.2



#68
Hexachlorobenzene
Concen: 55.050 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.006 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

Tgt Ion:284 Resp: 347620
Ion Ratio Lower Upper
284 100
142 31.1 27.6 41.4
249 29.3 24.7 37.1





#69

Atrazine

Concen: 66.092 ng

RT: 11.063 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135988.D

Acq: 27 Oct 2023 17:01

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

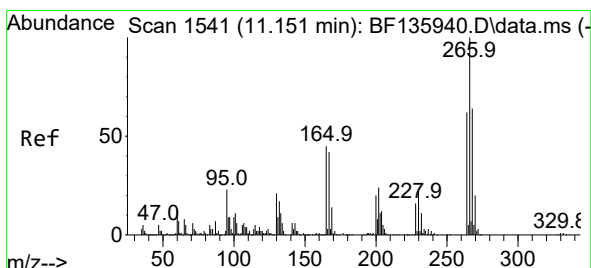
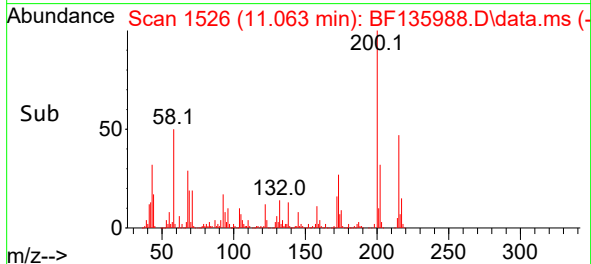
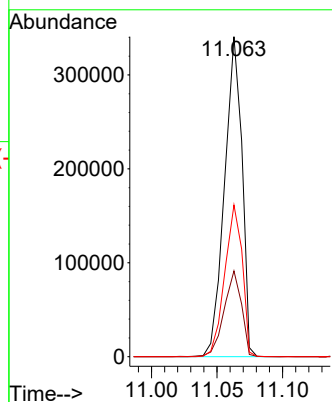
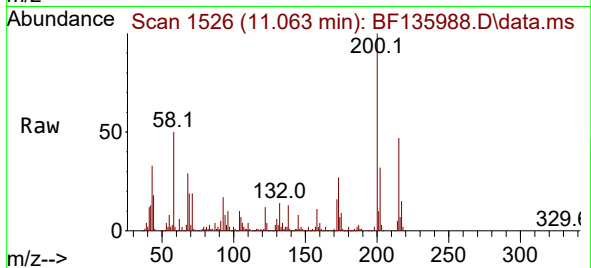
Tgt Ion:200 Resp: 314172

Ion Ratio Lower Upper

200 100

173 26.8 5.5 45.5

215 47.4 27.5 67.5



#70

Pentachlorophenol

Concen: 64.398 ng

RT: 11.157 min Scan# 1542

Delta R.T. 0.006 min

Lab File: BF135988.D

Acq: 27 Oct 2023 17:01

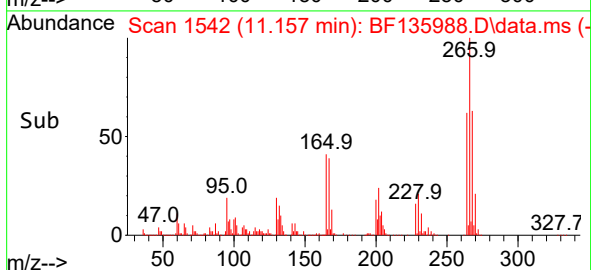
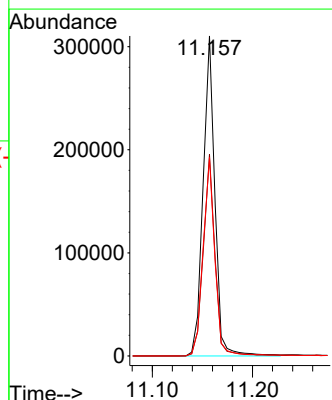
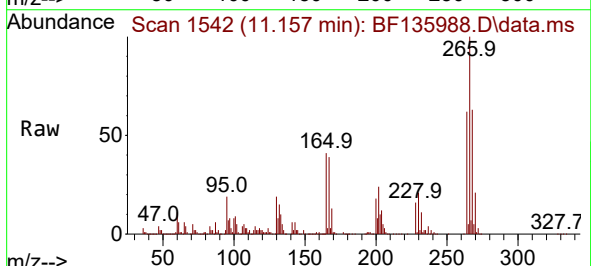
Tgt Ion:266 Resp: 254348

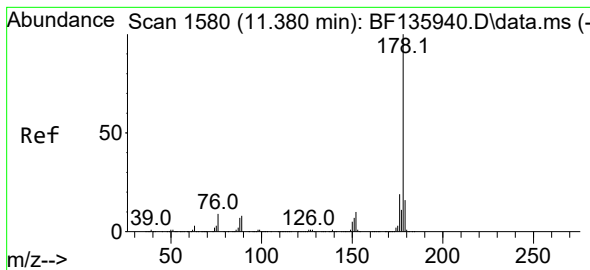
Ion Ratio Lower Upper

266 100

268 63.0 50.8 76.2

264 62.0 49.8 74.6

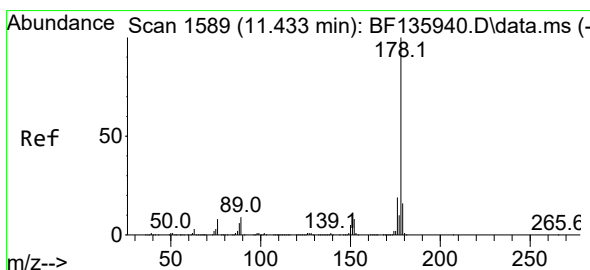
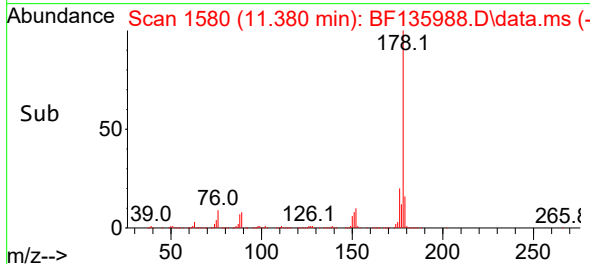
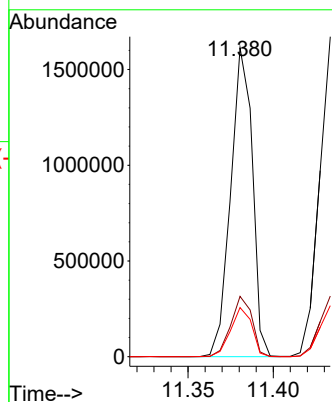
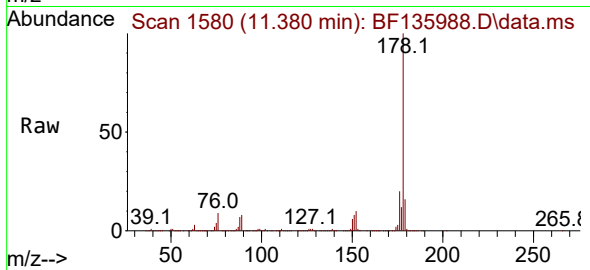




#71
Phenanthrene
Concen: 48.891 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

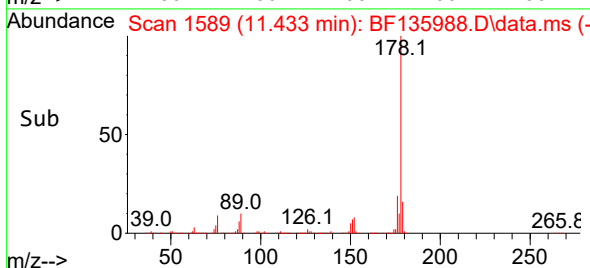
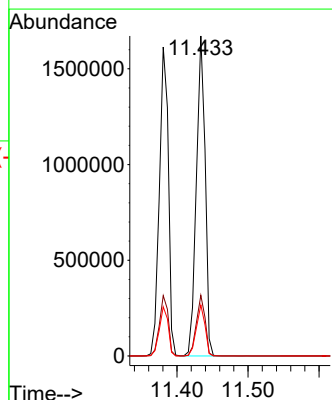
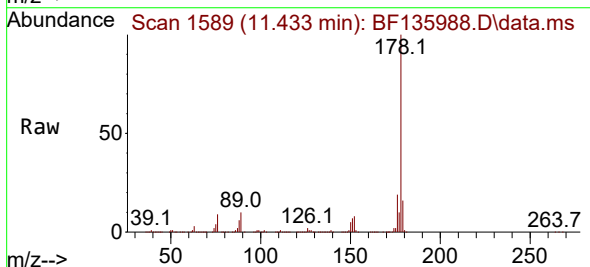
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

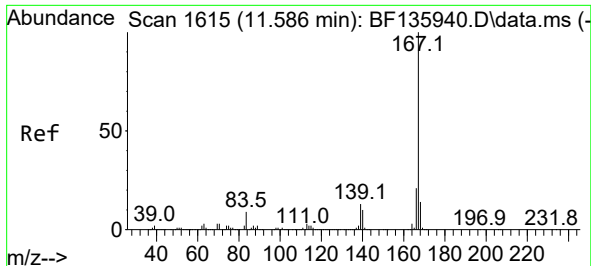
Tgt Ion:178 Resp: 1427744
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.9 12.5 18.7



#72
Anthracene
Concen: 48.384 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

Tgt Ion:178 Resp: 1446736
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.9 12.5 18.7

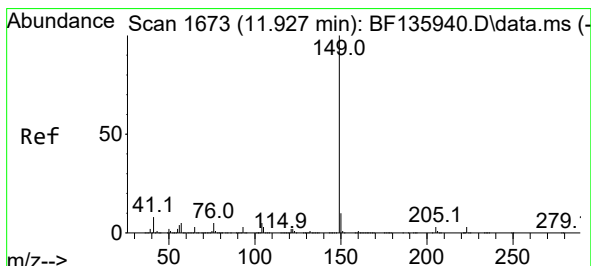
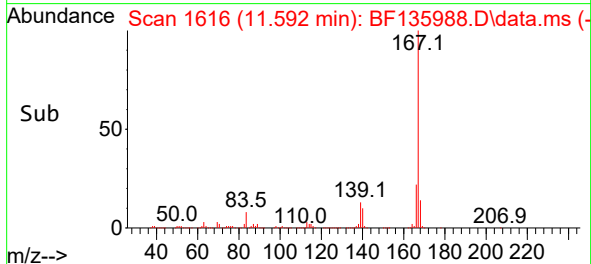
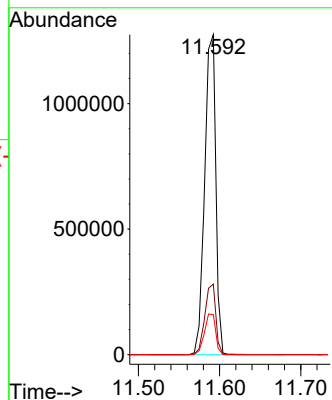
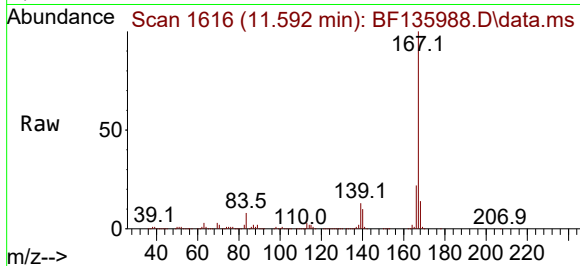




#73
Carbazole
Concen: 45.440 ng
RT: 11.592 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

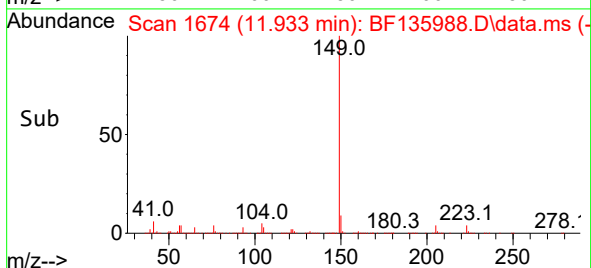
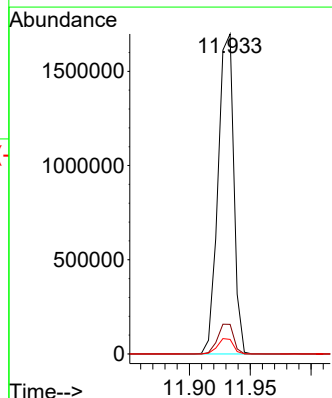
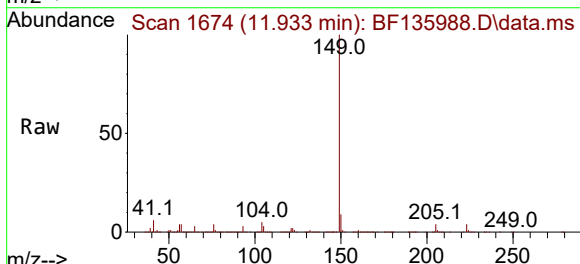
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

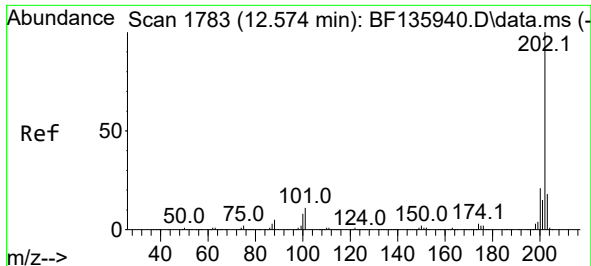
Tgt Ion:167 Resp: 1212037
Ion Ratio Lower Upper
167 100
166 22.0 17.0 25.6
139 12.5 10.4 15.6



#74
Di-n-butylphthalate
Concen: 53.851 ng
RT: 11.933 min Scan# 1674
Delta R.T. 0.006 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

Tgt Ion:149 Resp: 1528485
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 4.6 3.9 5.9

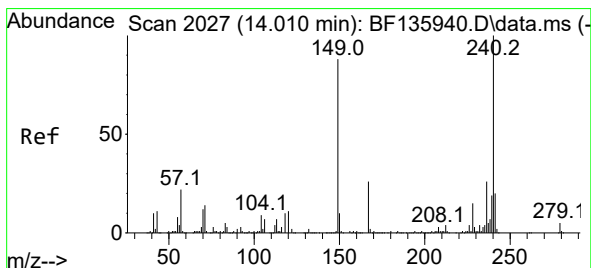
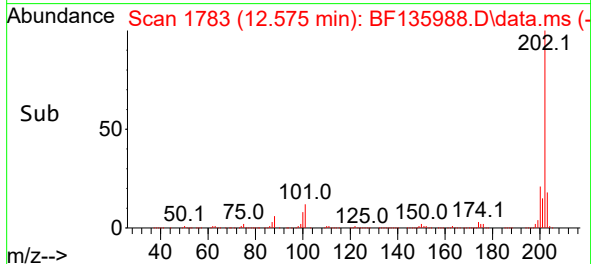
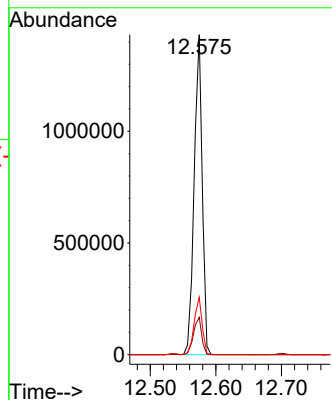
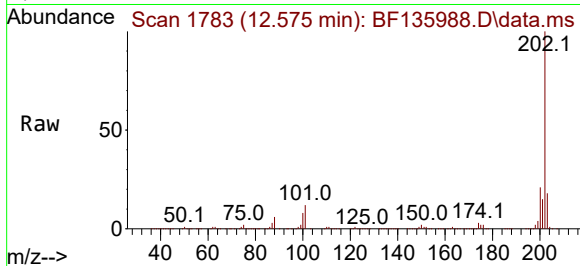




#75
Fluoranthene
Concen: 39.809 ng
RT: 12.575 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

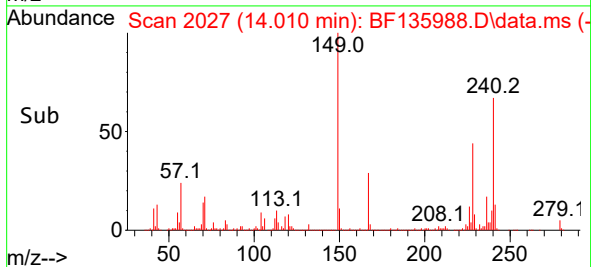
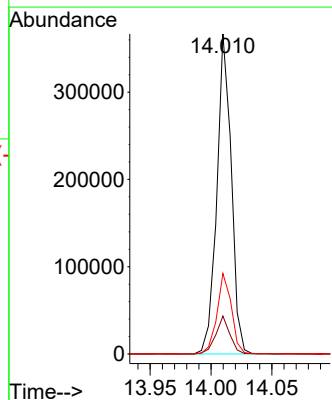
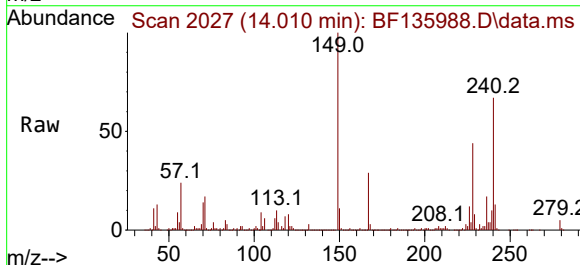
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

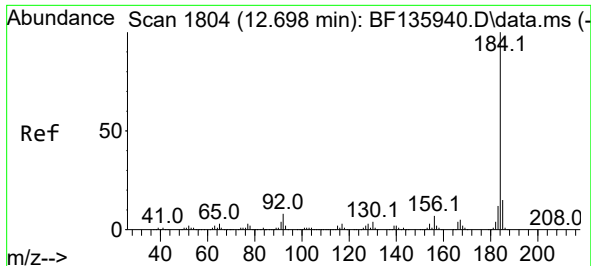
Tgt Ion:202 Resp: 1223039
Ion Ratio Lower Upper
202 100
101 11.6 0.0 30.6
203 17.9 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

Tgt Ion:240 Resp: 302327
Ion Ratio Lower Upper
240 100
120 11.8 8.6 13.0
236 25.1 20.6 30.8

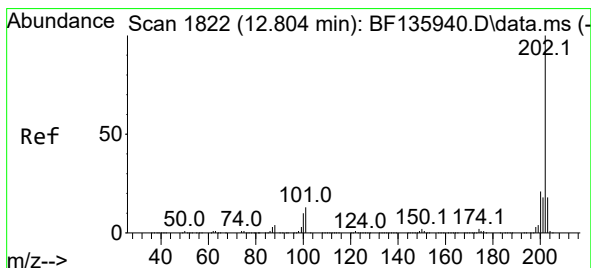
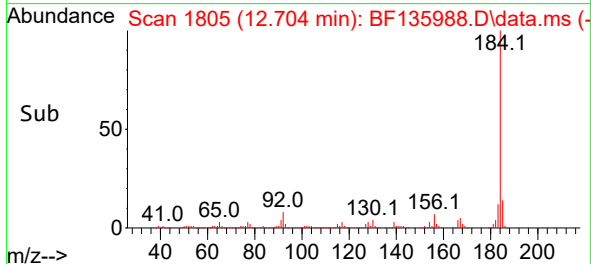
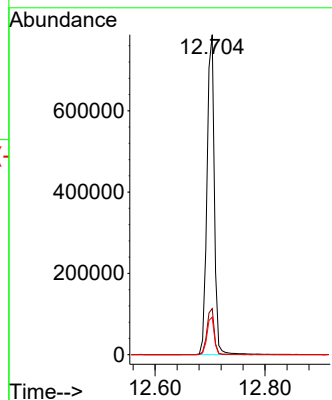
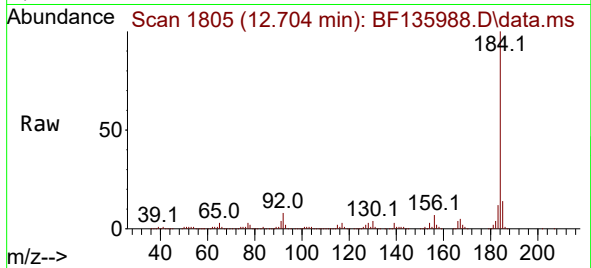




#77
Benzidine
Concen: 125.000 ng
RT: 12.704 min Scan# 1805
Delta R.T. 0.006 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

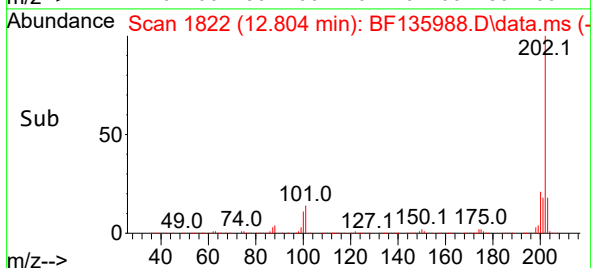
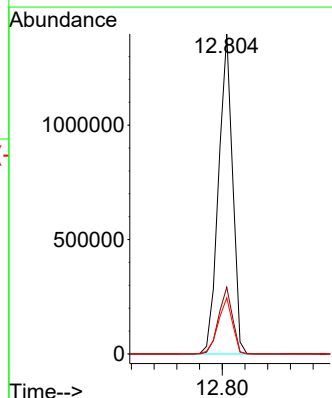
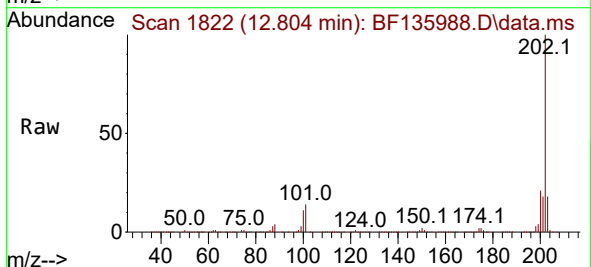
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

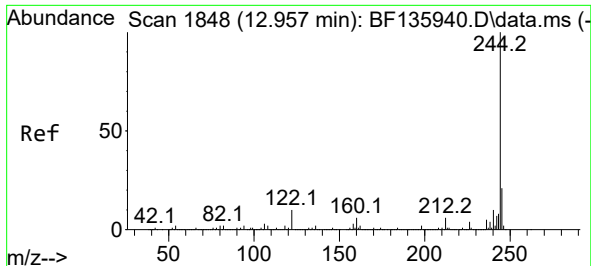
Tgt Ion:184 Resp: 728693
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 11.7 9.2 13.8



#78
Pyrene
Concen: 47.205 ng
RT: 12.804 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

Tgt Ion:202 Resp: 1198286
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.6
203 17.6 14.5 21.7

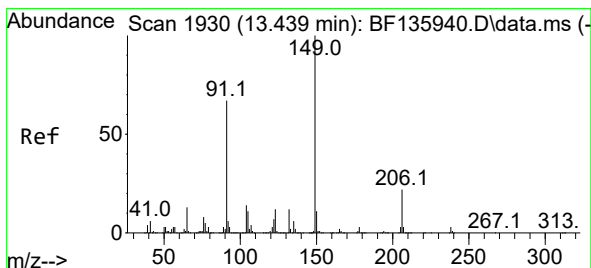
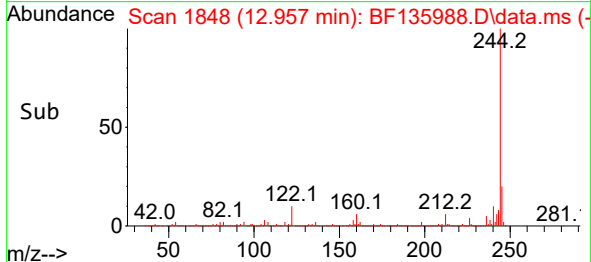
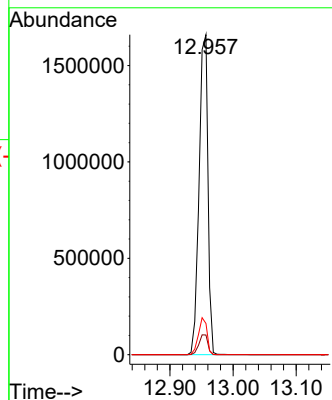
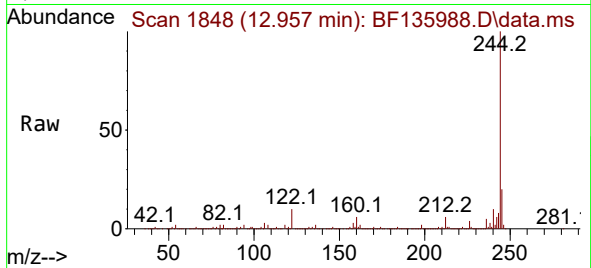




#79
 Terphenyl-d14
 Concen: 88.738 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF135988.D
 Acq: 27 Oct 2023 17:01

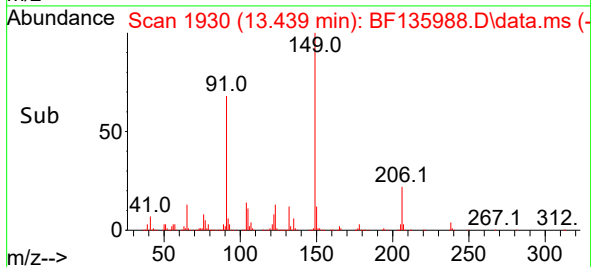
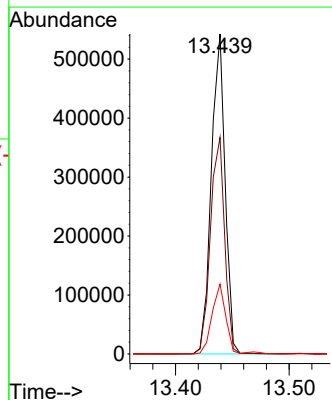
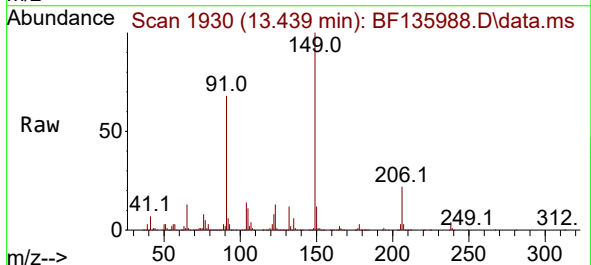
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

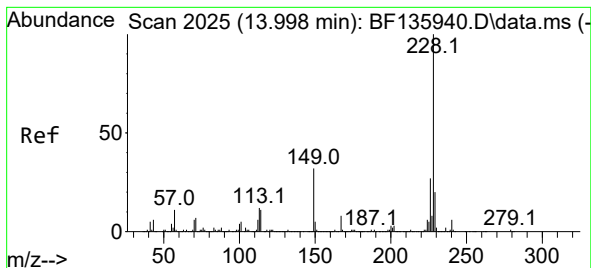
Tgt Ion:244 Resp: 1605711
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.6
 122 9.7 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 47.677 ng
 RT: 13.439 min Scan# 1930
 Delta R.T. 0.000 min
 Lab File: BF135988.D
 Acq: 27 Oct 2023 17:01

Tgt Ion:149 Resp: 457122
 Ion Ratio Lower Upper
 149 100
 91 67.6 53.4 80.0
 206 21.8 17.5 26.3





#81

Benzo(a)anthracene

Concen: 49.690 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF135988.D

Acq: 27 Oct 2023 17:01

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

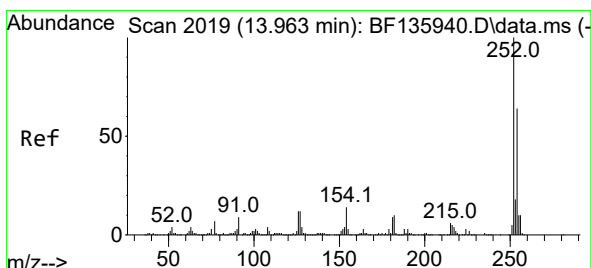
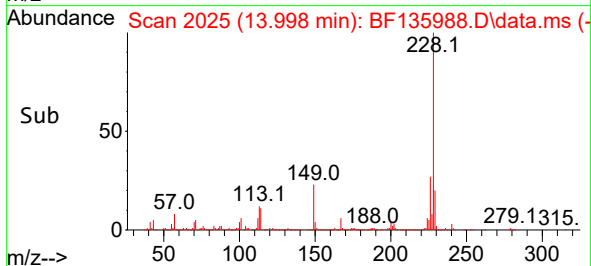
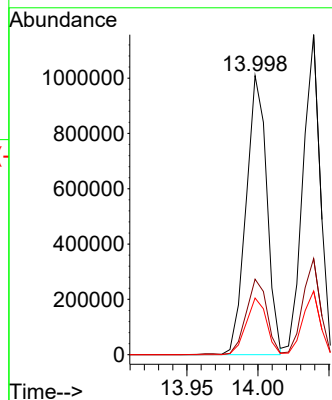
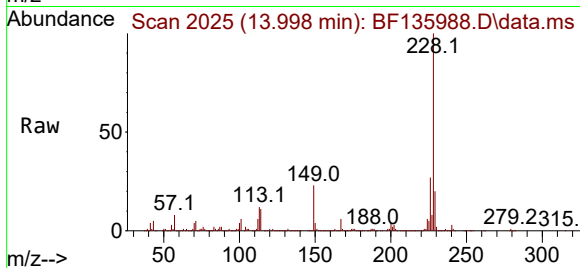
Tgt Ion:228 Resp: 1021463

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.6

229 20.3 16.2 24.4



#82

3,3'-Dichlorobenzidine

Concen: 30.786 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF135988.D

Acq: 27 Oct 2023 17:01

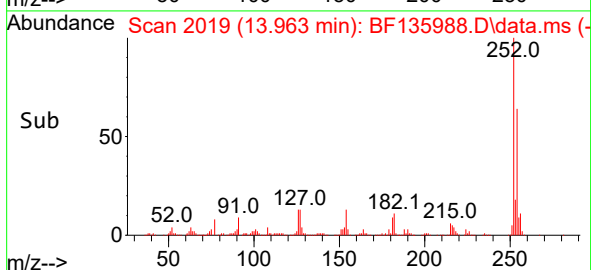
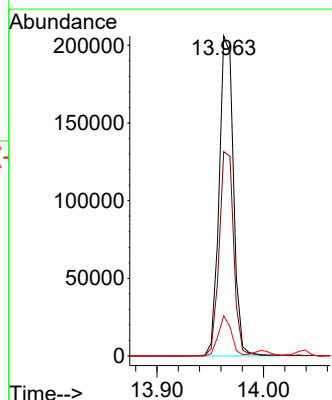
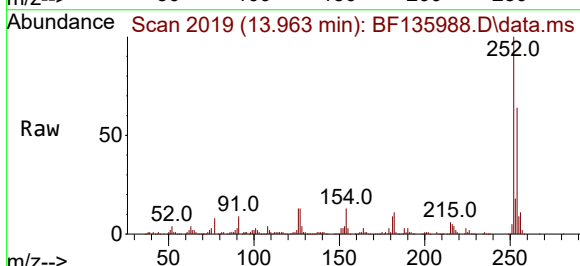
Tgt Ion:252 Resp: 192534

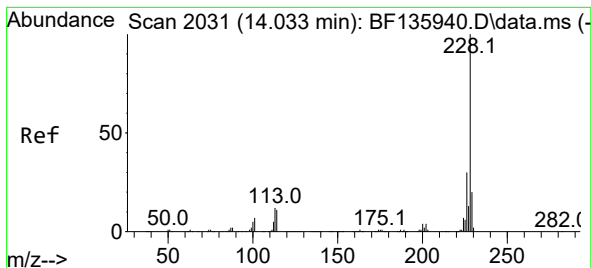
Ion Ratio Lower Upper

252 100

254 63.9 50.9 76.3

126 12.5 9.8 14.6





#83

Chrysene

Concen: 48.834 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF135988.D

Acq: 27 Oct 2023 17:01

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

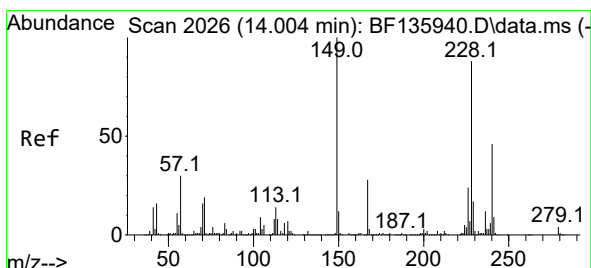
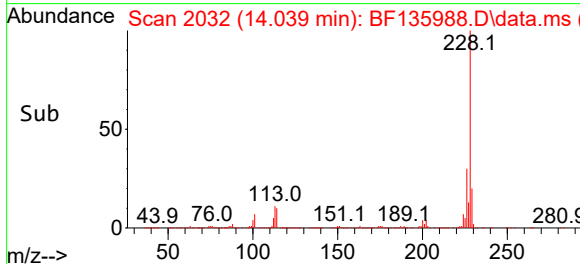
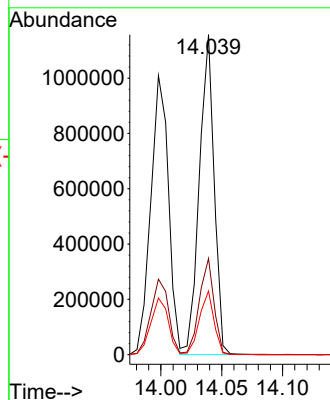
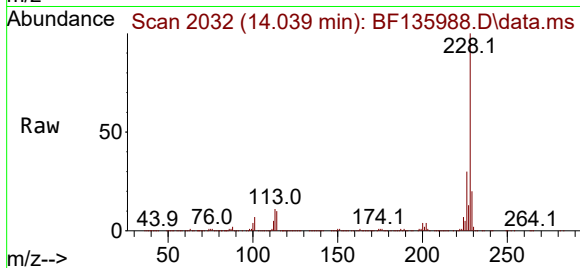
Tgt Ion:228 Resp: 977725

Ion Ratio Lower Upper

228 100

226 30.1 23.9 35.9

229 19.9 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.991 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF135988.D

Acq: 27 Oct 2023 17:01

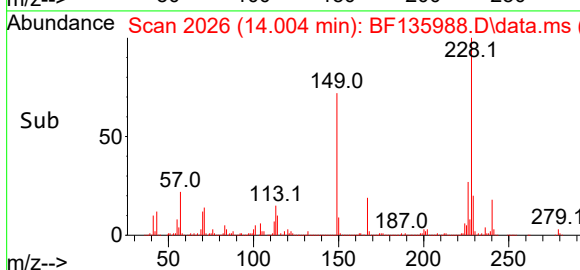
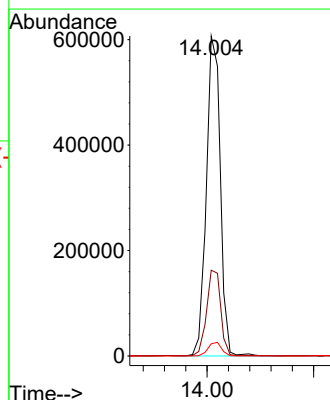
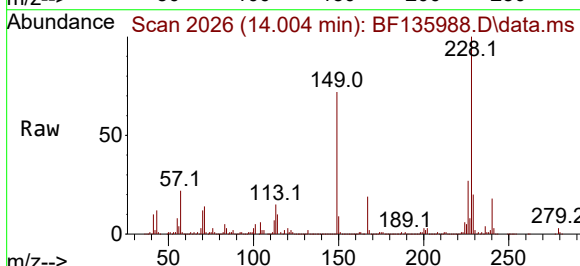
Tgt Ion:149 Resp: 553146

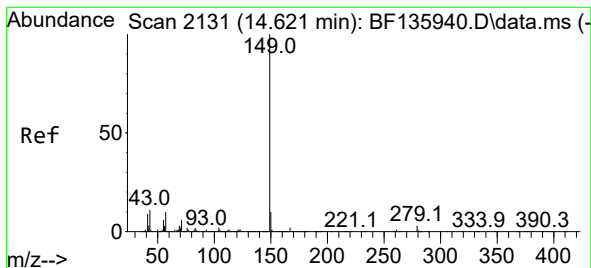
Ion Ratio Lower Upper

149 100

167 26.8 22.2 33.2

279 3.8 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 64.321 ng

RT: 14.627 min Scan# 2131

Delta R.T. 0.006 min

Lab File: BF135988.D

Acq: 27 Oct 2023 17:01

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

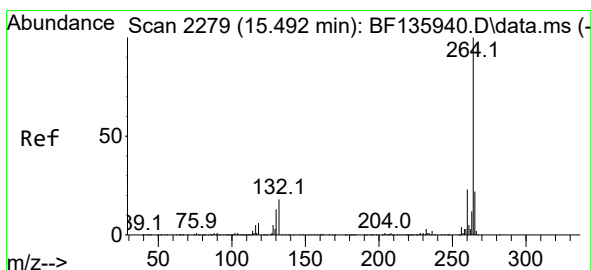
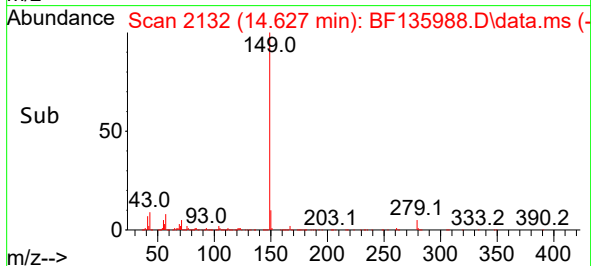
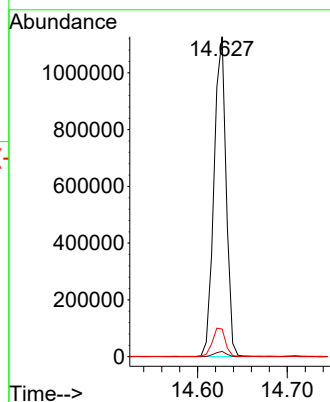
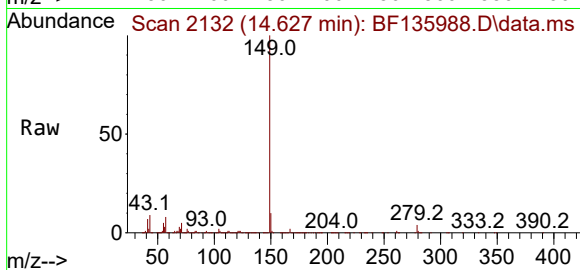
Tgt Ion:149 Resp: 1057664

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 9.4 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2280

Delta R.T. 0.006 min

Lab File: BF135988.D

Acq: 27 Oct 2023 17:01

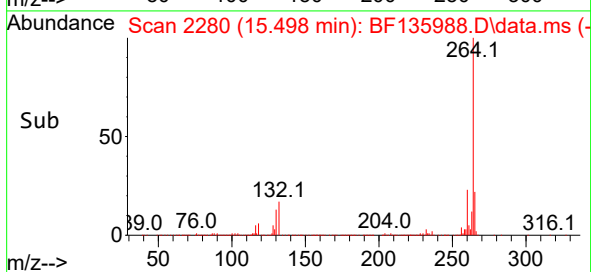
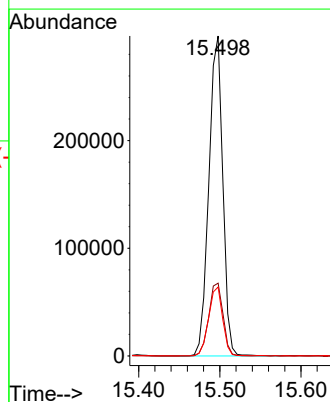
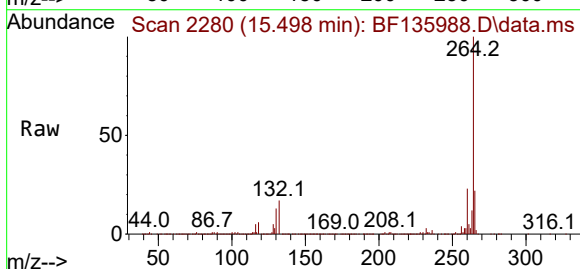
Tgt Ion:264 Resp: 353635

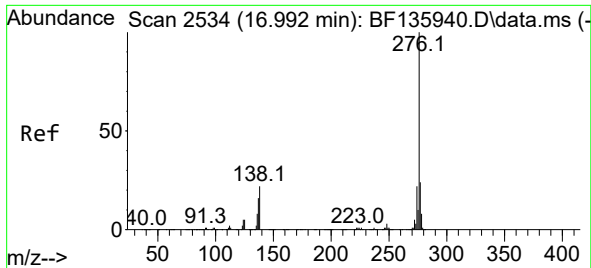
Ion Ratio Lower Upper

264 100

260 22.7 18.6 28.0

265 21.5 17.3 25.9

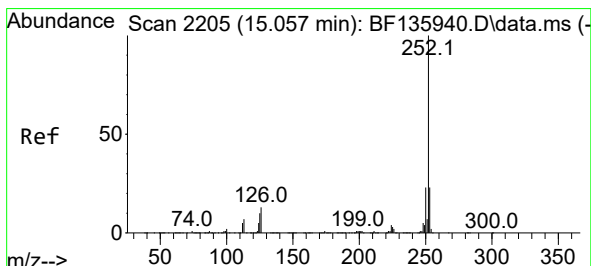
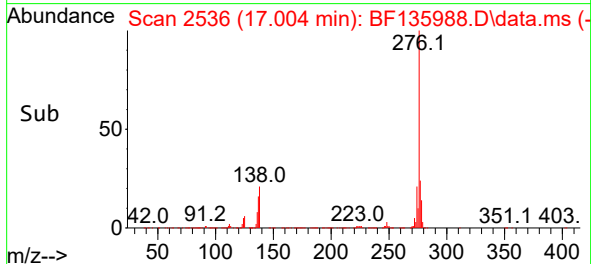
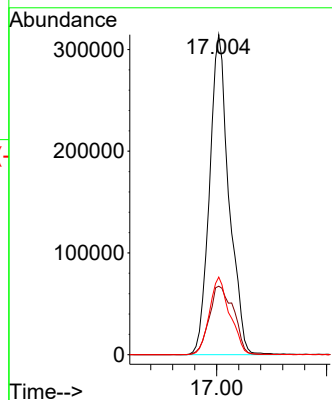
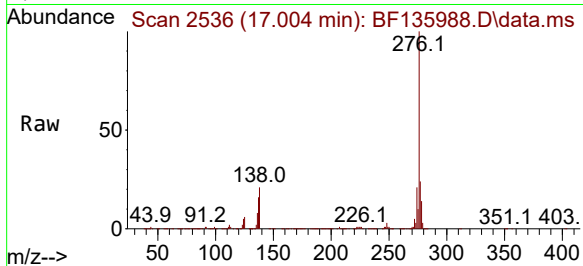




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.565 ng
 RT: 17.004 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF135988.D
 Acq: 27 Oct 2023 17:01

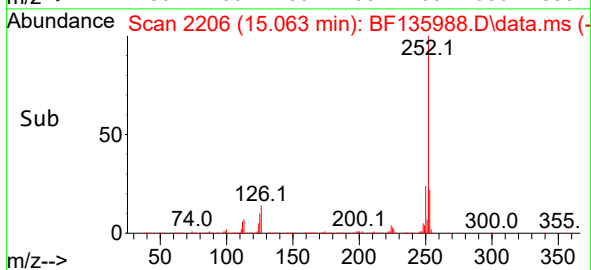
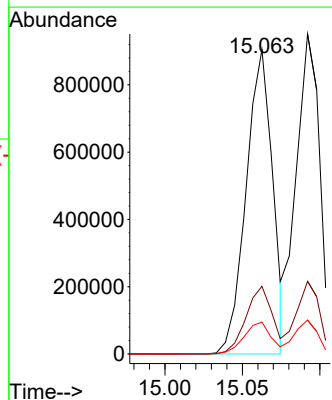
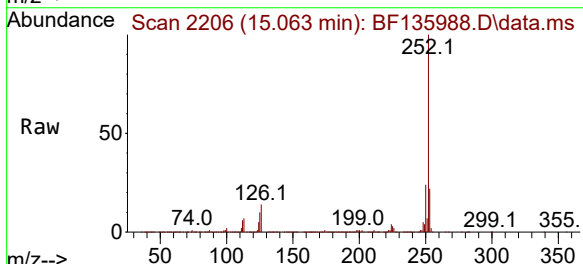
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

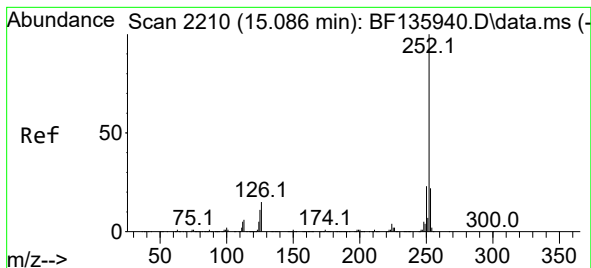
Tgt Ion:276 Resp: 773326
 Ion Ratio Lower Upper
 276 100
 138 26.8 21.8 32.6
 277 25.6 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 51.108 ng
 RT: 15.063 min Scan# 2206
 Delta R.T. 0.006 min
 Lab File: BF135988.D
 Acq: 27 Oct 2023 17:01

Tgt Ion:252 Resp: 1075595
 Ion Ratio Lower Upper
 252 100
 253 22.2 18.0 27.0
 125 10.5 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 49.170 ng

RT: 15.092 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF135988.D

Acq: 27 Oct 2023 17:01

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

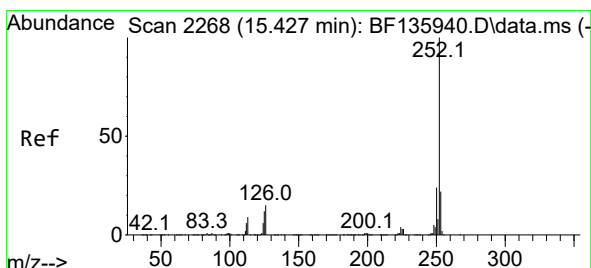
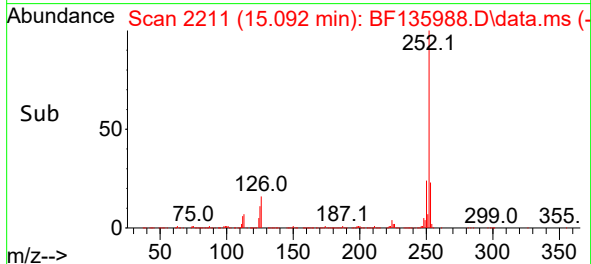
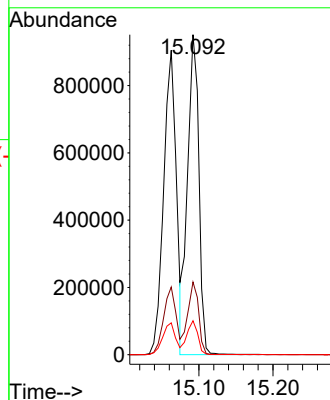
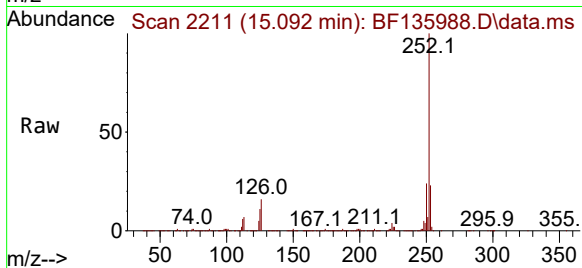
Tgt Ion:252 Resp: 1016316

Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

125 10.6 8.5 12.7



#90

Benzo(a)pyrene

Concen: 47.134 ng

RT: 15.433 min Scan# 2269

Delta R.T. 0.006 min

Lab File: BF135988.D

Acq: 27 Oct 2023 17:01

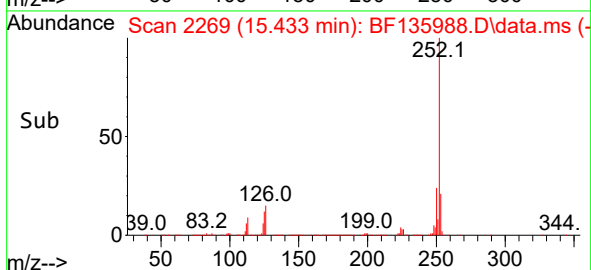
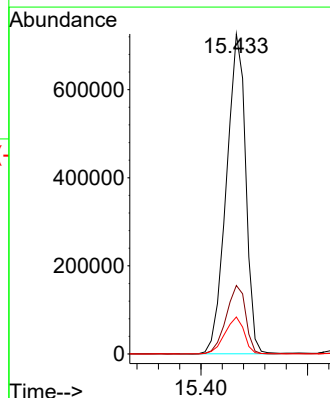
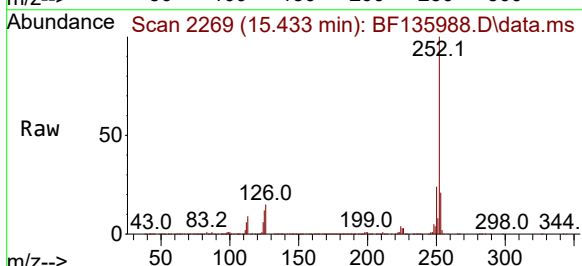
Tgt Ion:252 Resp: 914225

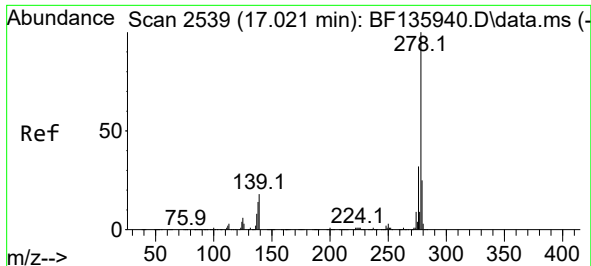
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 11.6 9.6 14.4

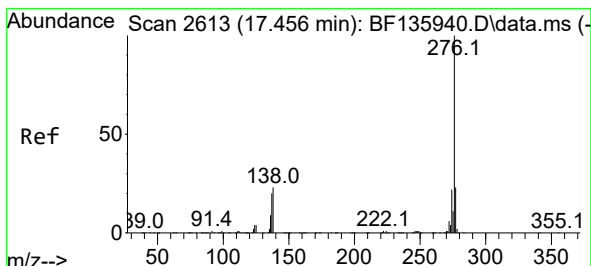
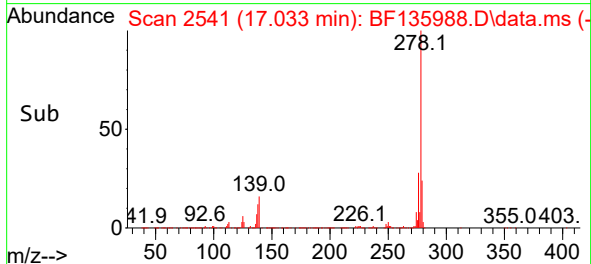
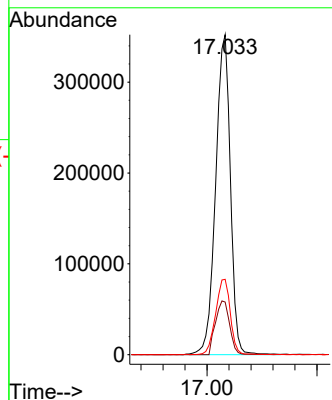
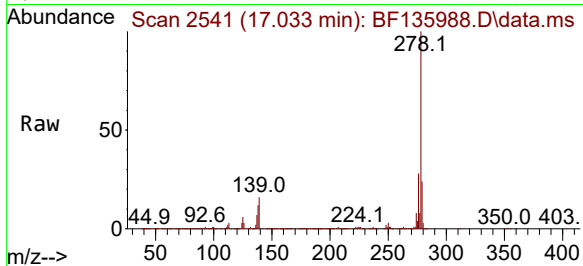




#91
Dibenzo(a,h)anthracene
Concen: 38.206 ng
RT: 17.033 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:278 Resp: 655299
Ion Ratio Lower Upper
278 100
139 16.4 14.0 21.0
279 23.6 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 30.836 ng
RT: 17.462 min Scan# 2614
Delta R.T. 0.006 min
Lab File: BF135988.D
Acq: 27 Oct 2023 17:01

Tgt Ion:276 Resp: 572904
Ion Ratio Lower Upper
276 100
277 24.0 18.6 28.0
138 22.6 18.4 27.6

