

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
 Data File : BF135953.D
 Acq On : 25 Oct 2023 21:30
 Operator : CG\JU
 Sample : PB156273BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156273BS

Quant Time: Oct 26 04:33:57 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	6.822	152	164955	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	638893	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	325712	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	595665	20.000	ng	0.00
76) Chrysene-d12	14.010	240	382009	20.000	ng	0.00
86) Perylene-d12	15.486	264	375368	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1466570	137.288	ng	0.02
7) Phenol-d6	6.463	99	1829726	137.581	ng	0.00
23) Nitrobenzene-d5	7.392	82	1016599	100.709	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	490863	172.175	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1864804	91.677	ng	0.00
79) Terphenyl-d14	12.957	244	2306691	100.887	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	200548	40.414	ng	99
3) Pyridine	3.463	79	493629	36.041	ng	98
4) n-Nitrosodimethylamine	3.434	42	279112	46.736	ng	99
6) Aniline	6.487	93	585718	32.708	ng	99
8) 2-Chlorophenol	6.610	128	565411	51.128	ng	97
9) Benzaldehyde	6.369	77	87984	12.230	ng	95
10) Phenol	6.475	94	686831	49.400	ng	95
11) bis(2-Chloroethyl)ether	6.563	93	528250	48.812	ng	96
12) 1,3-Dichlorobenzene	6.763	146	575321	48.978	ng	98
13) 1,4-Dichlorobenzene	6.839	146	583759	49.483	ng	97
14) 1,2-Dichlorobenzene	6.992	146	552402	50.424	ng	99
15) Benzyl Alcohol	6.969	79	374341	39.817	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.104	45	757930	47.557	ng	98
17) 2-Methylphenol	7.075	107	440446	45.189	ng	99
18) Hexachloroethane	7.333	117	205210	51.156	ng	99
19) n-Nitroso-di-n-propyla...	7.245	70	352795	46.649	ng	97
20) 3+4-Methylphenols	7.234	107	532824	45.295	ng	# 80
22) Acetophenone	7.239	105	728511	50.486	ng	# 90
24) Nitrobenzene	7.410	77	540407	50.911	ng	99
25) Isophorone	7.645	82	990012	49.023	ng	99
26) 2-Nitrophenol	7.722	139	234276	57.604	ng	98
27) 2,4-Dimethylphenol	7.763	122	435300	47.294	ng	100
28) bis(2-Chloroethoxy)met...	7.857	93	615018	49.594	ng	98
29) 2,4-Dichlorophenol	7.963	162	440929	53.498	ng	95
30) 1,2,4-Trichlorobenzene	8.045	180	478678	51.295	ng	99
31) Naphthalene	8.128	128	1514619	49.034	ng	100
32) Benzoic acid	7.886	122	295778	58.755	ng	91
33) 4-Chloroaniline	8.169	127	174354	12.771	ng	99
34) Hexachlorobutadiene	8.245	225	265891	50.551	ng	98
35) Caprolactam	8.551	113	103003	37.555	ng	89
36) 4-Chloro-3-methylphenol	8.657	107	471904	53.878	ng	98
37) 2-Methylnaphthalene	8.822	142	965962	47.265	ng	99
38) 1-Methylnaphthalene	8.916	142	929067	48.651	ng	98
40) 1,2,4,5-Tetrachloroben...	8.986	216	446613	48.548	ng	99
41) Hexachlorocyclopentadiene	8.975	237	520350	114.713	ng	97
43) 2,4,6-Trichlorophenol	9.098	196	292672	54.356	ng	99

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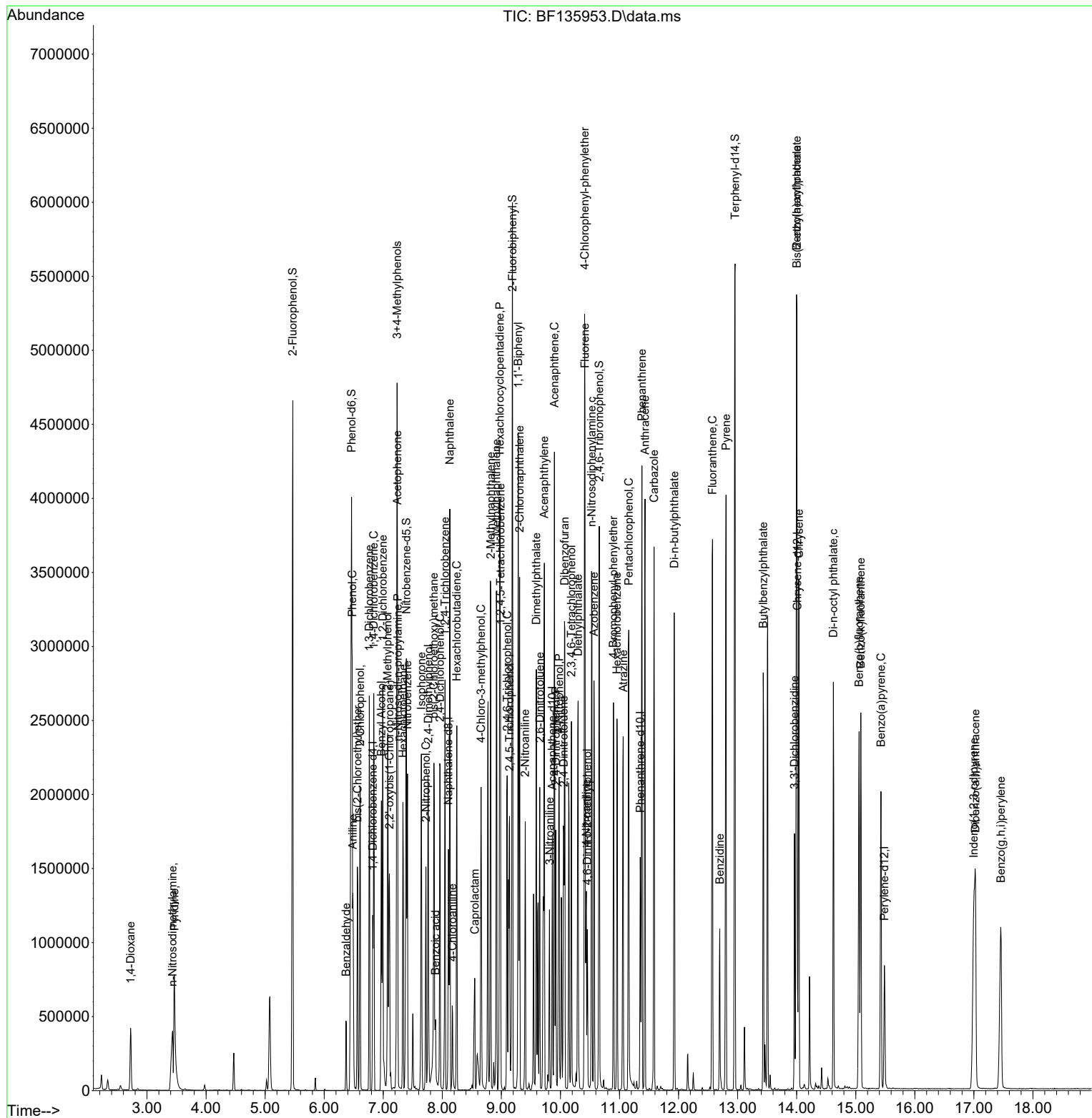
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	333940	52.236	ng	95
46) 1,1'-Biphenyl	9.286	154	1214122	49.194	ng	99
47) 2-Chloronaphthalene	9.310	162	922970	50.560	ng	99
48) 2-Nitroaniline	9.404	65	272929	53.346	ng	99
49) Acenaphthylene	9.727	152	1468929	51.006	ng	99
50) Dimethylphthalate	9.592	163	1047670	49.600	ng	99
51) 2,6-Dinitrotoluene	9.651	165	236594	53.419	ng	86
52) Acenaphthene	9.898	154	904839	49.025	ng	99
53) 3-Nitroaniline	9.816	138	166860	33.380	ng	92
54) 2,4-Dinitrophenol	9.922	184	190800	96.789	ng	98
55) Dibenzofuran	10.075	168	1298127	48.686	ng	97
56) 4-Nitrophenol	9.980	139	444157	102.363	ng	100
57) 2,4-Dinitrotoluene	10.057	165	317804	57.341	ng	92
58) Fluorene	10.416	166	981204	49.188	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	284579	59.157	ng	99
60) Diethylphthalate	10.298	149	1011852	50.236	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	468020	48.638	ng	99
62) 4-Nitroaniline	10.439	138	260168	49.938	ng	96
63) Azobenzene	10.569	77	1001842	49.013	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	127509	59.041	ng	95
66) n-Nitrosodiphenylamine	10.527	169	908872	50.507	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	306963	50.320	ng	100
68) Hexachlorobenzene	10.957	284	357246	54.821	ng	98
69) Atrazine	11.063	200	301990	61.561	ng	99
70) Pentachlorophenol	11.157	266	416501	99.708	ng	99
71) Phenanthrene	11.380	178	1530277	50.779	ng	99
72) Anthracene	11.433	178	1574815	51.035	ng	100
73) Carbazole	11.586	167	1409049	51.189	ng	99
74) Di-n-butylphthalate	11.927	149	1551234	52.959	ng	100
75) Fluoranthene	12.574	202	1636516	51.617	ng	100
77) Benzidine	12.698	184	405855	55.099	ng	99
78) Pyrene	12.804	202	1689113	52.661	ng	100
80) Butylbenzylphthalate	13.433	149	640869	52.480	ng	93
81) Benzo(a)anthracene	13.998	228	1378031	53.053	ng	99
82) 3,3'-Dichlorobenzidine	13.962	252	329006	41.634	ng	98
83) Chrysene	14.039	228	1318026	52.100	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	757286	57.416	ng	100
85) Di-n-octyl phthalate	14.621	149	1254522	60.379	ng	99
87) Indeno(1,2,3-cd)pyrene	16.998	276	1203185	56.528	ng	99
88) Benzo(b)fluoranthene	15.057	252	1184693	53.032	ng	99
89) Benzo(k)fluoranthene	15.086	252	1110025	50.594	ng	100
90) Benzo(a)pyrene	15.427	252	1018499	49.469	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	1002508	55.065	ng	97
92) Benzo(g,h,i)perylene	17.456	276	953397	46.210	ng	100

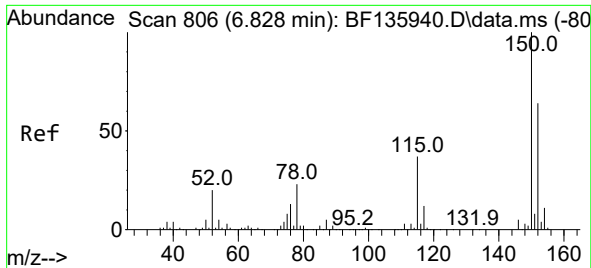
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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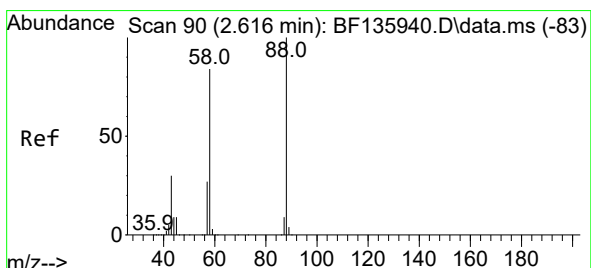
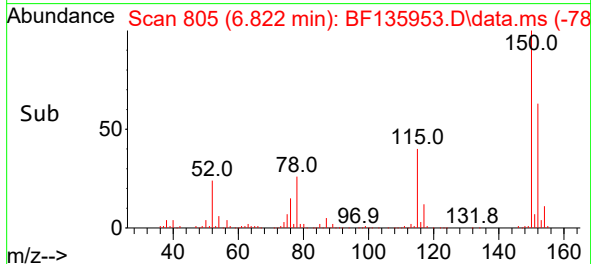
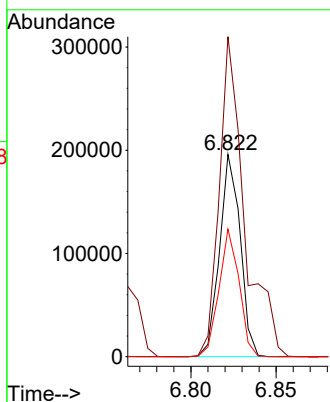
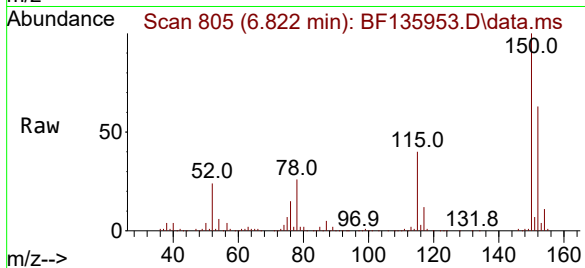




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF135953.D
 Acq: 25 Oct 2023 21:30

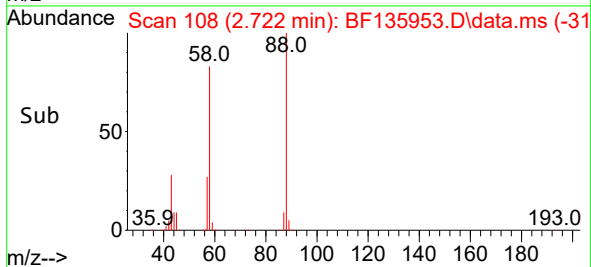
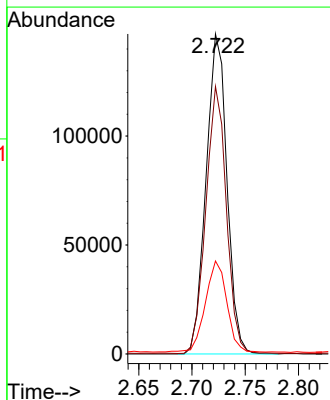
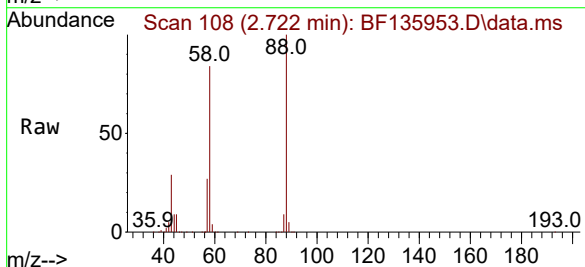
Instrument :
 BNA_F
 ClientSampleId :
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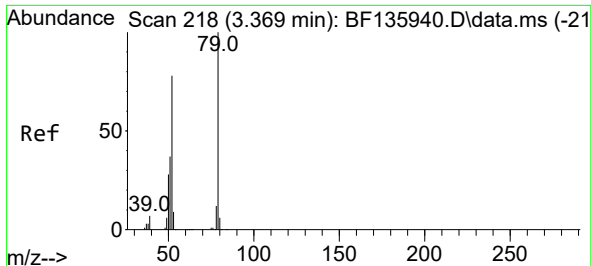
Tgt Ion:152 Resp: 164955
 Ion Ratio Lower Upper
 152 100
 150 158.3 124.6 186.8
 115 63.1 46.6 69.8



#2
 1,4-Dioxane
 Concen: 40.414 ng
 RT: 2.722 min Scan# 108
 Delta R.T. 0.106 min
 Lab File: BF135953.D
 Acq: 25 Oct 2023 21:30

Tgt Ion: 88 Resp: 200548
 Ion Ratio Lower Upper
 88 100
 58 82.2 66.6 100.0
 43 29.1 23.8 35.8

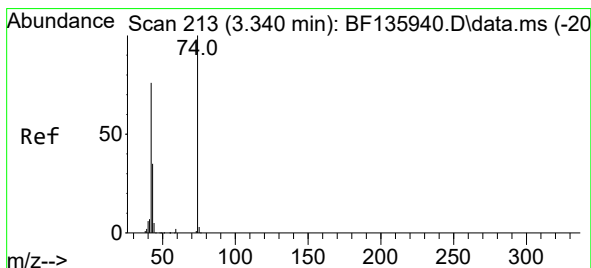
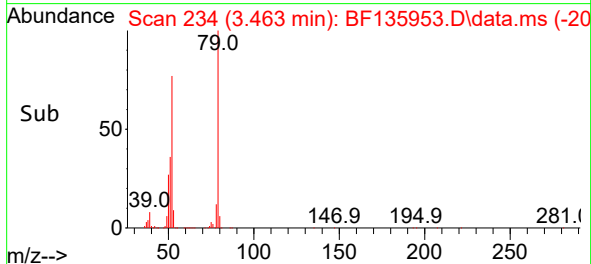
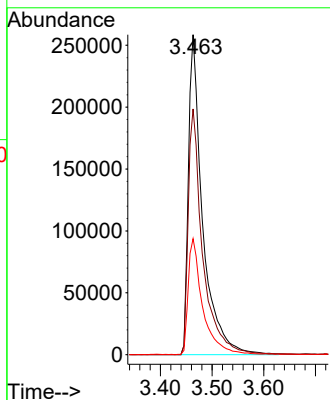
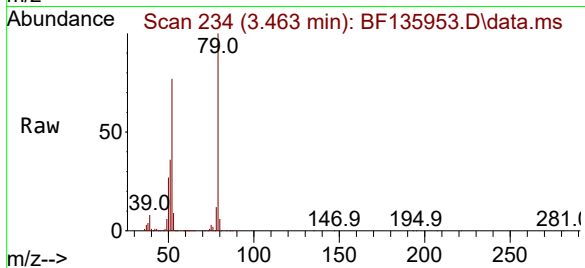




#3
Pyridine
Concen: 36.041 ng
RT: 3.463 min Scan# 218
Delta R.T. 0.094 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

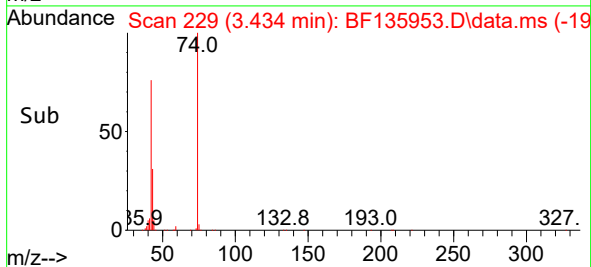
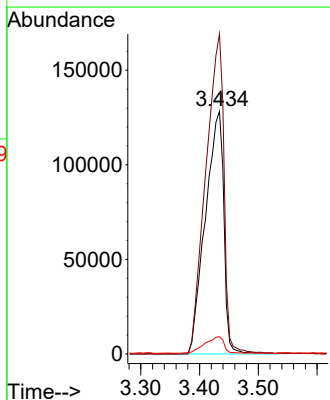
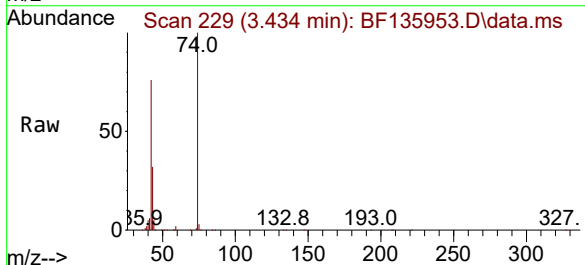
Instrument :
BNA_F
ClientSampleId :
PB156273BS

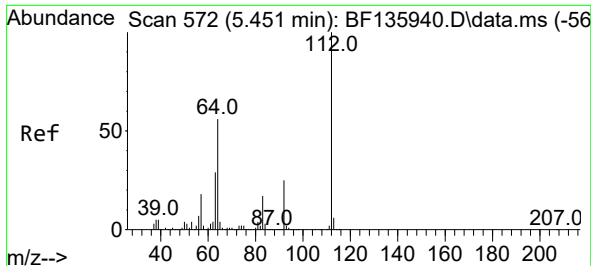
Tgt Ion: 79 Resp: 493629
Ion Ratio Lower Upper
79 100
52 76.8 62.6 93.8
51 36.3 29.8 44.8



#4
n-Nitrosodimethylamine
Concen: 46.736 ng
RT: 3.434 min Scan# 229
Delta R.T. 0.094 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion: 42 Resp: 279112
Ion Ratio Lower Upper
42 100
74 131.8 104.8 157.2
44 7.1 5.9 8.9

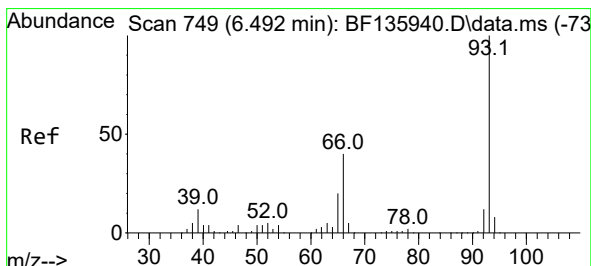
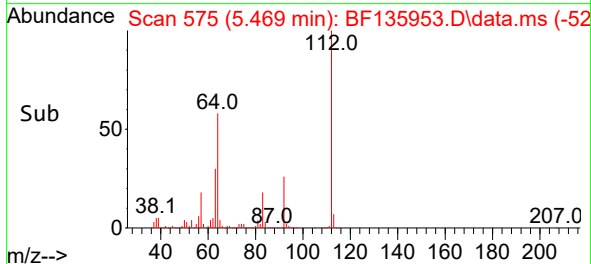
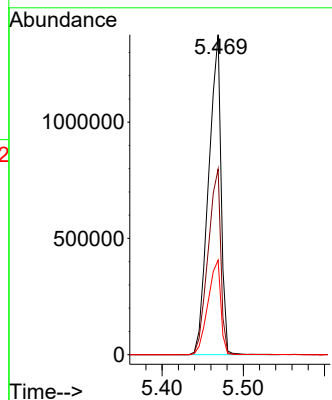
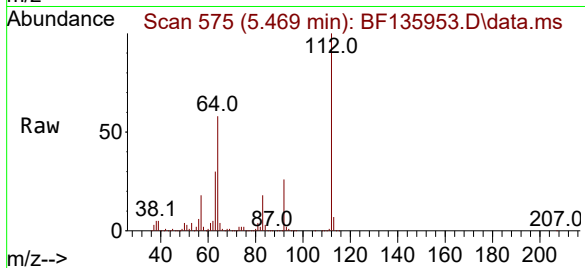




#5
2-Fluorophenol
Concen: 137.288 ng
RT: 5.469 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

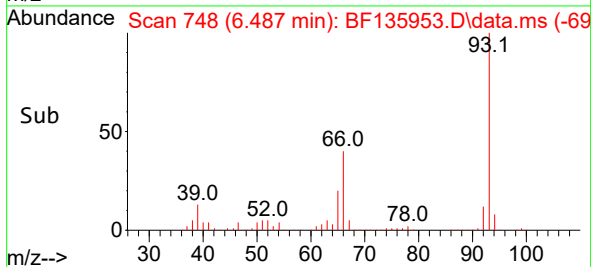
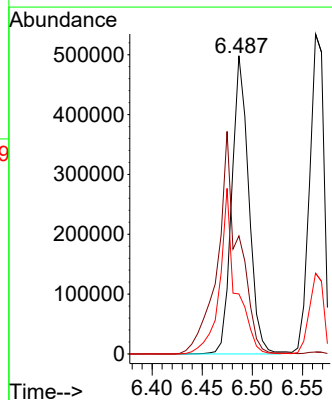
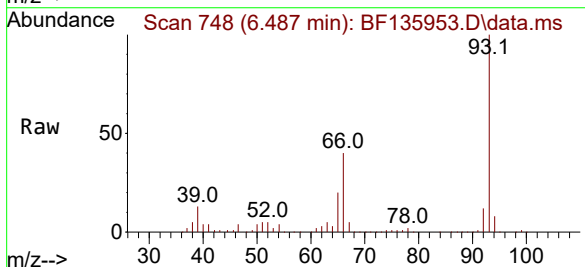
Instrument :
BNA_F
ClientSampleId :
PB156273BS

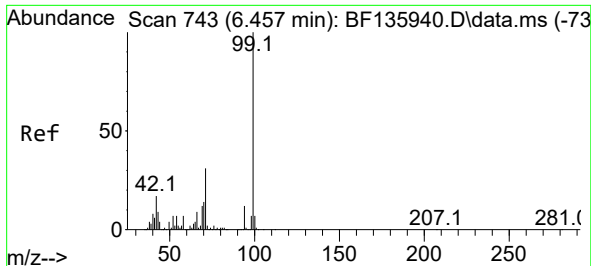
Tgt Ion:112 Resp: 1466570
Ion Ratio Lower Upper
112 100
64 58.0 45.1 67.7
63 29.6 23.0 34.4



#6
Aniline
Concen: 32.708 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion: 93 Resp: 585718
Ion Ratio Lower Upper
93 100
66 39.6 32.0 48.0
65 20.1 16.2 24.4





#7

Phenol-d6

Concen: 137.581 ng

RT: 6.463 min Scan# 743

Delta R.T. 0.006 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

Instrument :

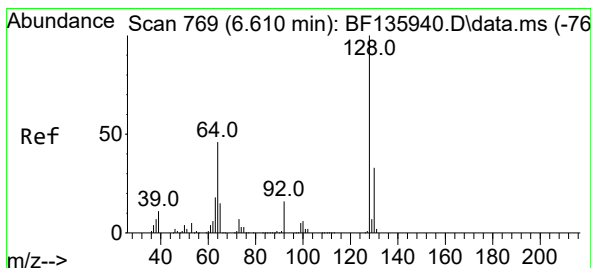
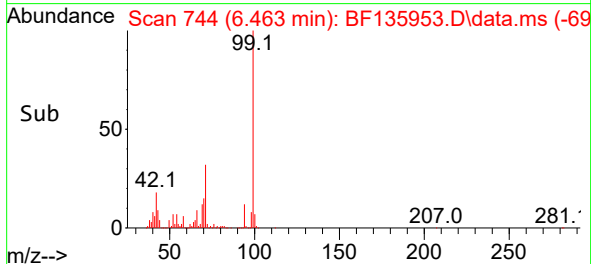
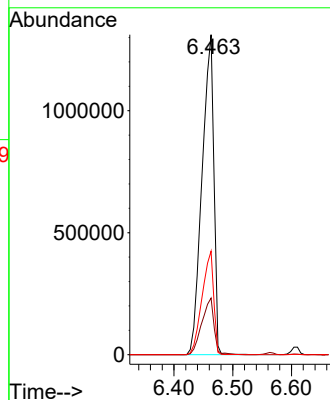
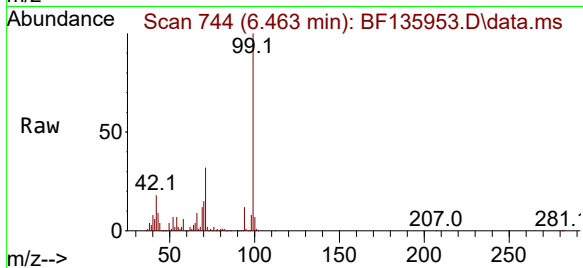
BNA_F

ClientSampleId :

PB156273BS

Tgt Ion: 99 Resp: 1829726

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.8	20.8
71	32.3	25.1	37.7



#8

2-Chlorophenol

Concen: 51.128 ng

RT: 6.610 min Scan# 769

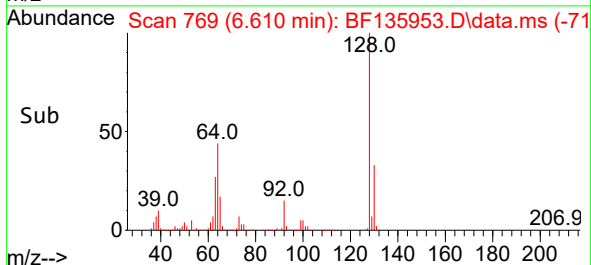
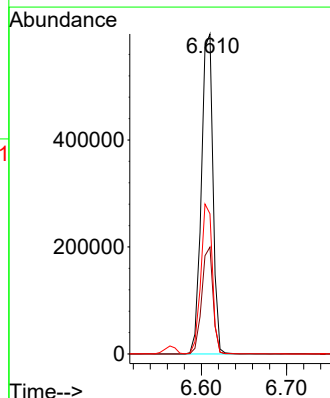
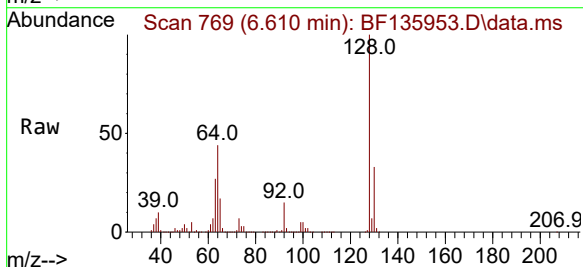
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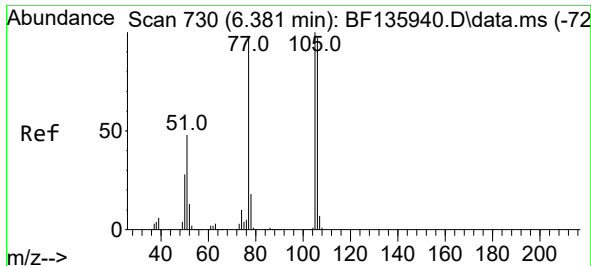
Lab File: BF135953.D

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Tgt Ion:128 Resp: 565411

Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.1	53.1
64	43.8	27.0	67.0

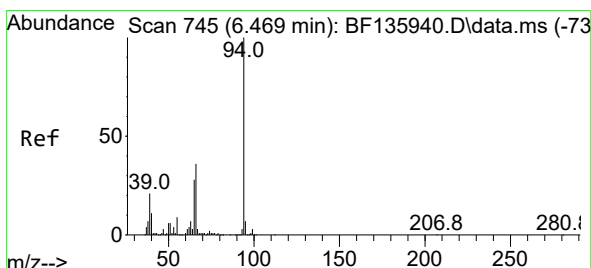
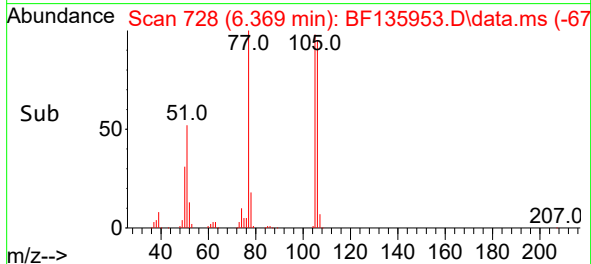
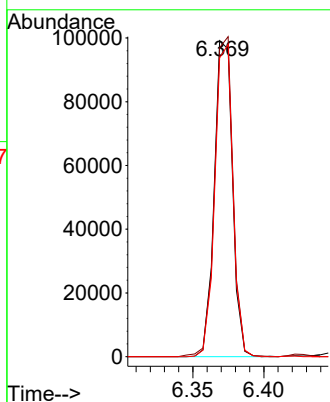
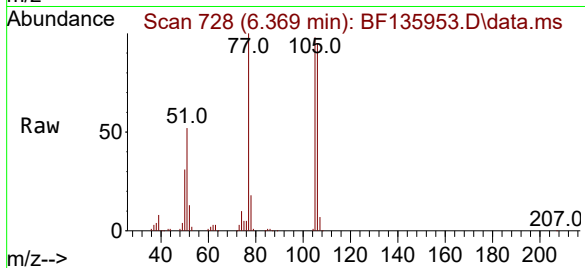




#9
Benzaldehyde
Concen: 12.230 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

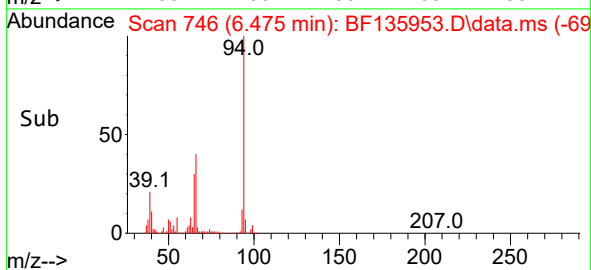
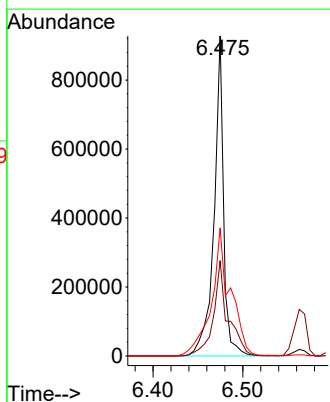
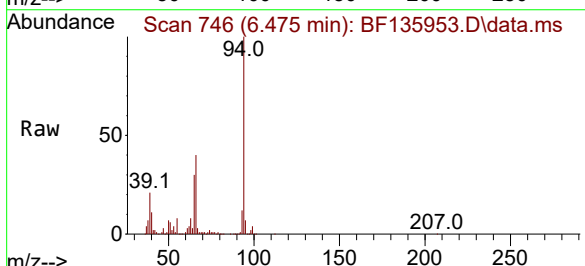
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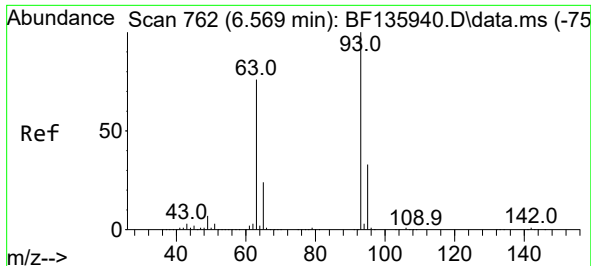
Tgt Ion: 77 Resp: 87984
Ion Ratio Lower Upper
77 100
105 97.8 83.2 123.2
106 94.5 80.0 120.0



#10
Phenol
Concen: 49.400 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion: 94 Resp: 686831
Ion Ratio Lower Upper
94 100
65 29.8 7.8 47.8
66 40.1 16.5 56.5





#11

bis(2-Chloroethyl)ether

Concen: 48.812 ng

RT: 6.563 min Scan# 761

Delta R.T. -0.006 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS

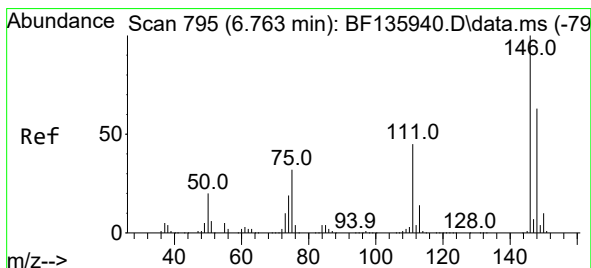
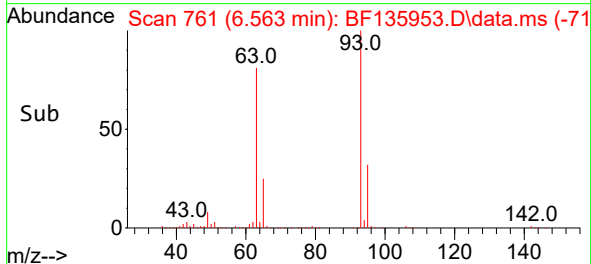
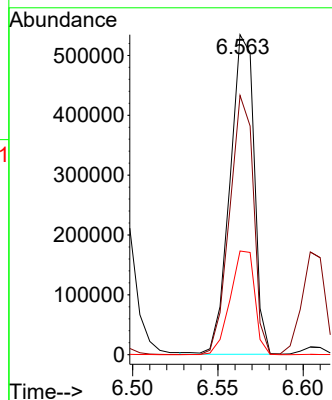
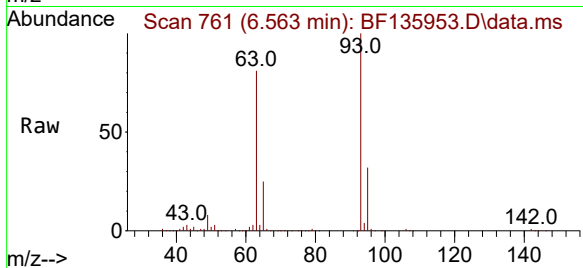
Tgt Ion: 93 Resp: 528250

Ion Ratio Lower Upper

93 100

63 81.0 56.2 96.2

95 32.4 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 48.978 ng

RT: 6.763 min Scan# 795

Delta R.T. -0.000 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

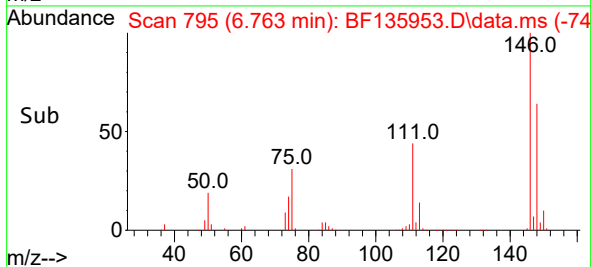
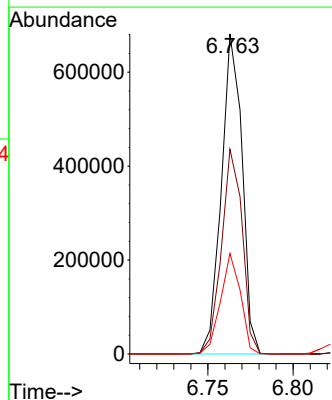
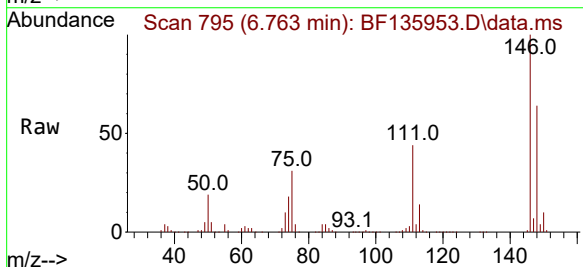
Tgt Ion: 146 Resp: 575321

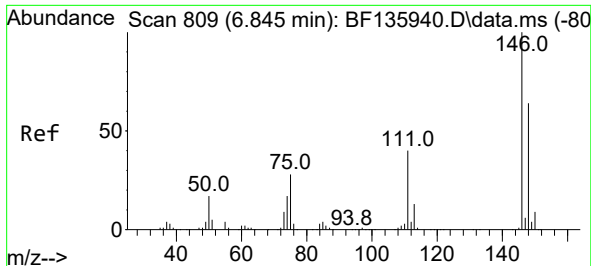
Ion Ratio Lower Upper

146 100

148 64.0 50.2 75.4

75 31.4 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 49.483 ng

RT: 6.839 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS

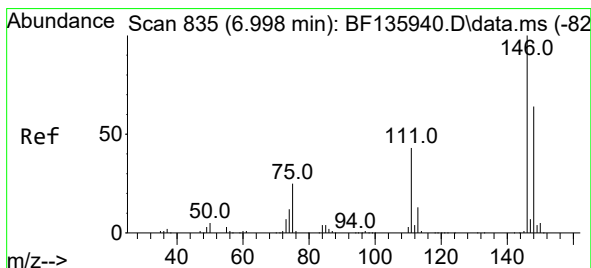
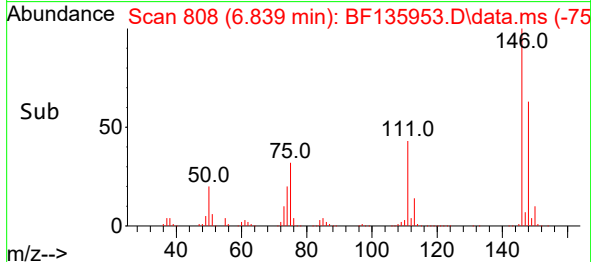
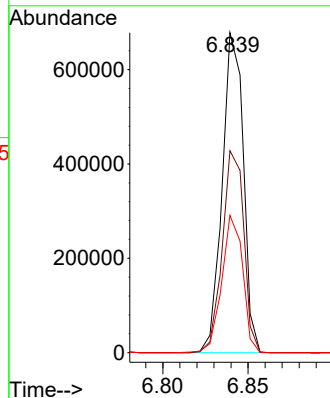
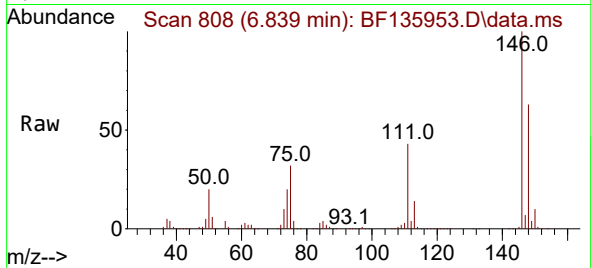
Tgt Ion:146 Resp: 583759

Ion Ratio Lower Upper

146 100

148 63.1 51.4 77.2

111 42.9 31.8 47.8



#14

1,2-Dichlorobenzene

Concen: 50.424 ng

RT: 6.992 min Scan# 834

Delta R.T. -0.006 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

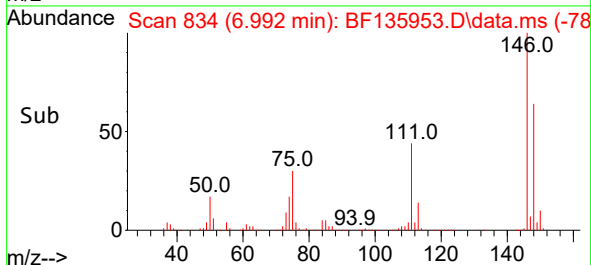
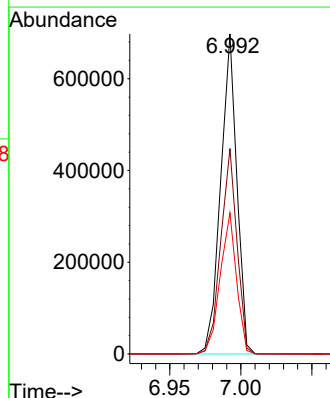
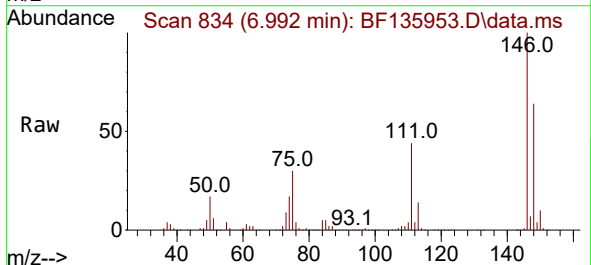
Tgt Ion:146 Resp: 552402

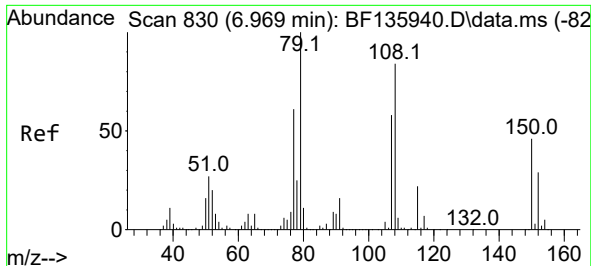
Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.0

111 44.1 34.2 51.4

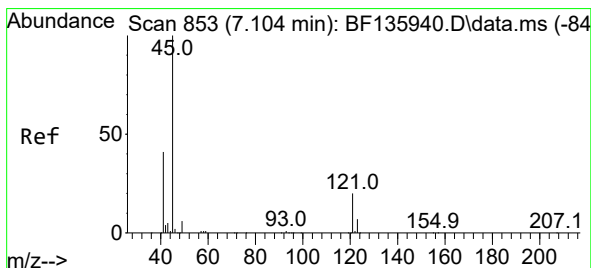
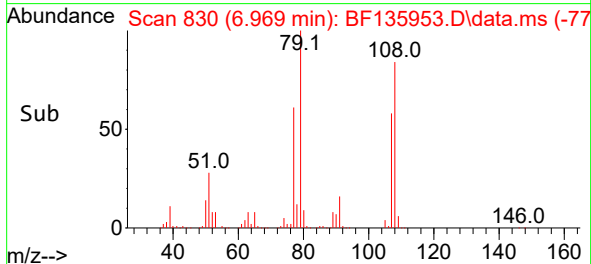
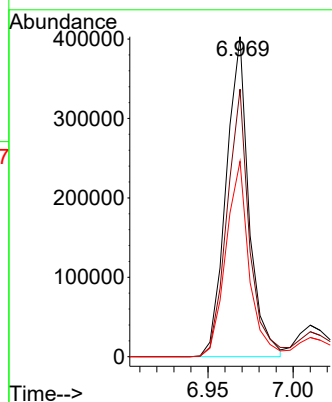
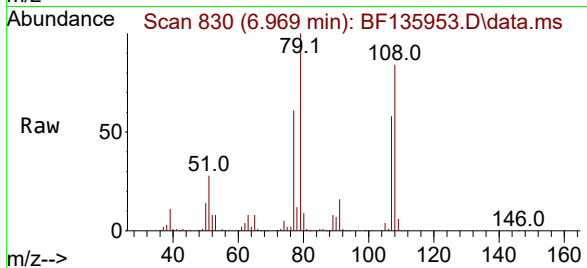




#15
Benzyl Alcohol
Concen: 39.817 ng
RT: 6.969 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

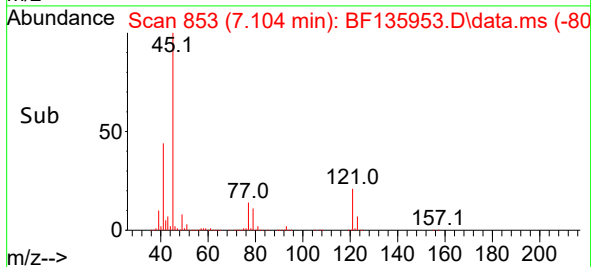
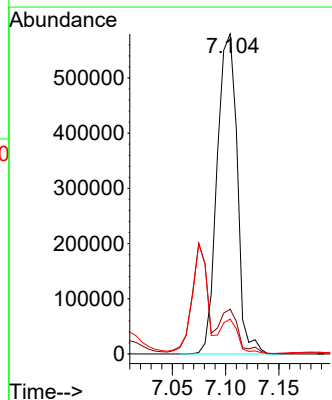
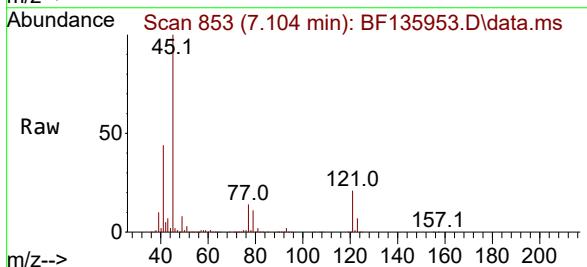
Instrument :
BNA_F
ClientSampleId :
PB156273BS

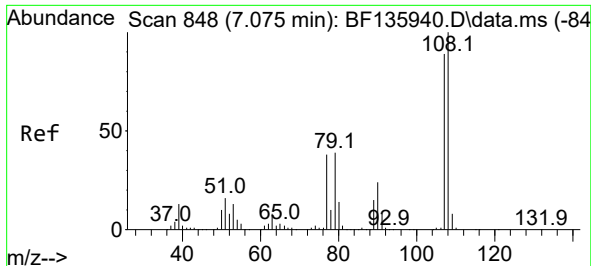
Tgt Ion: 79 Resp: 374341
Ion Ratio Lower Upper
79 100
108 83.6 67.2 100.8
77 61.1 49.0 73.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.557 ng
RT: 7.104 min Scan# 853
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

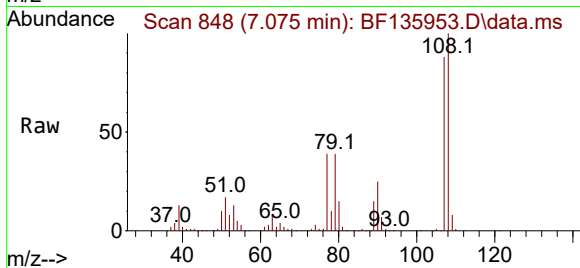
Tgt Ion: 45 Resp: 757930
Ion Ratio Lower Upper
45 100
77 14.0 0.0 33.2
79 10.9 0.0 29.8



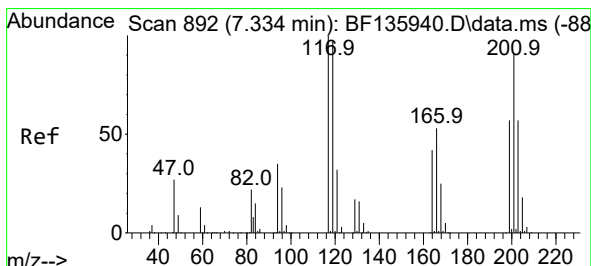
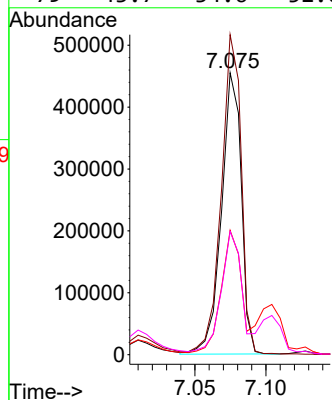
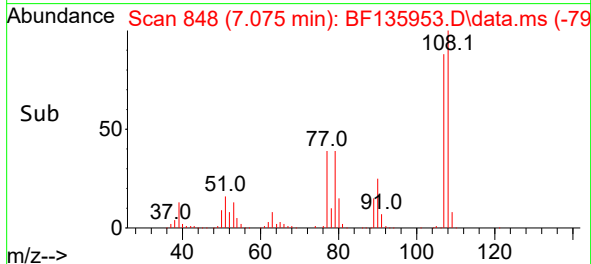


#17
2-Methylphenol
Concen: 45.189 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Instrument :
BNA_F
ClientSampleId :
PB156273BS

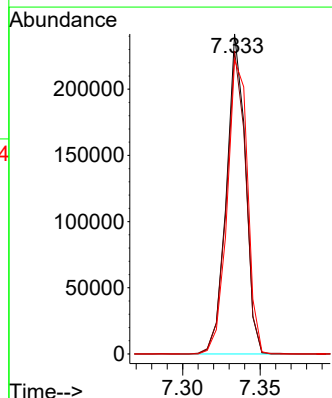
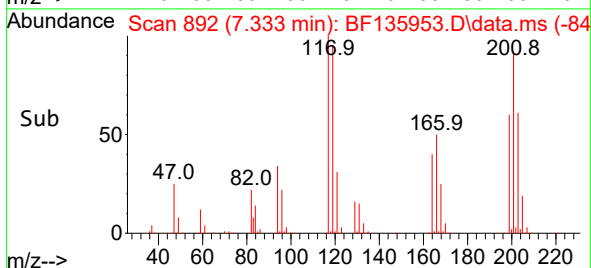
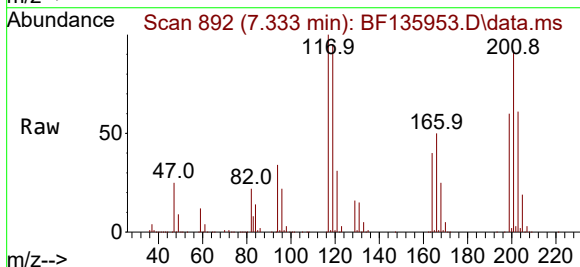


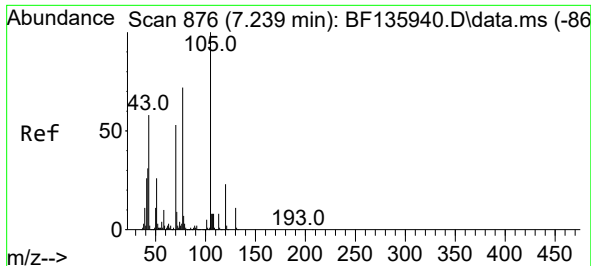
Tgt Ion:	107	Resp:	440446
Ion	Ratio	Lower	Upper
107	100		
108	113.5	89.8	134.6
77	44.1	34.2	51.2
79	43.7	34.6	52.0



#18
Hexachloroethane
Concen: 51.156 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion:	117	Resp:	205210
Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.3	115.9
201	91.9	72.8	109.2

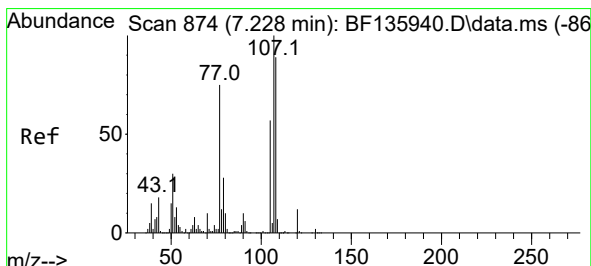
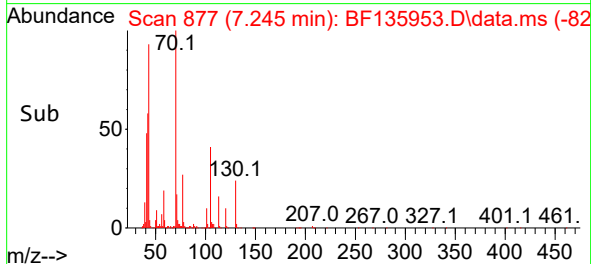
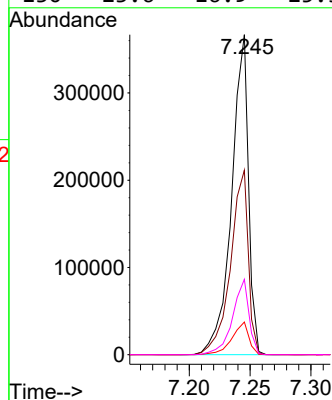
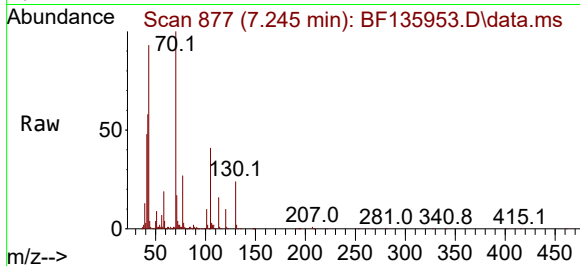




#19
n-Nitroso-di-n-propylamine
Concen: 46.649 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

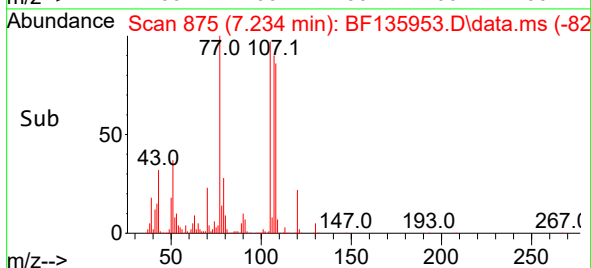
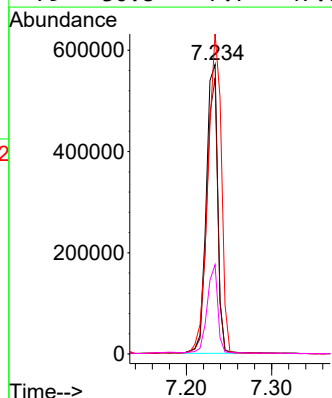
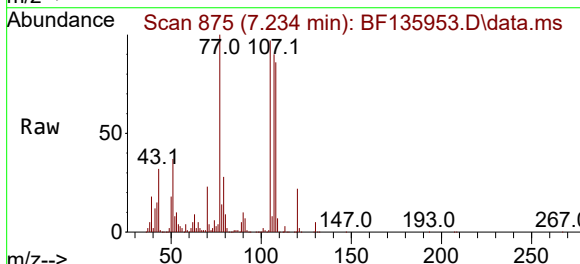
Instrument :
BNA_F
ClientSampleId :
PB156273BS

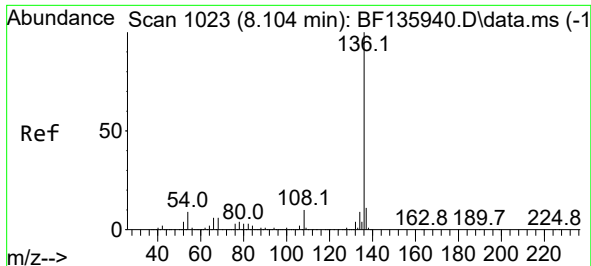
Tgt Ion: 70 Resp: 352795
Ion Ratio Lower Upper
70 100
42 57.7 47.3 70.9
101 10.2 7.8 11.8
130 23.6 16.9 25.3



#20
3+4-Methylphenols
Concen: 45.295 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion: 107 Resp: 532824
Ion Ratio Lower Upper
107 100
108 95.4 69.1 109.1
77 110.6 55.0 95.0#
79 30.8 7.7 47.7

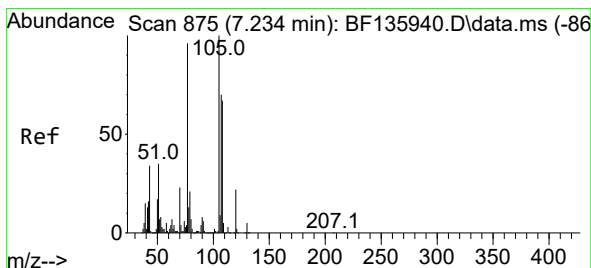
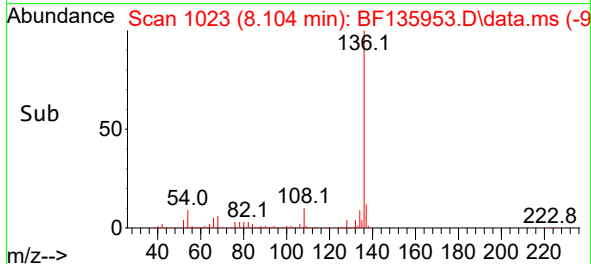
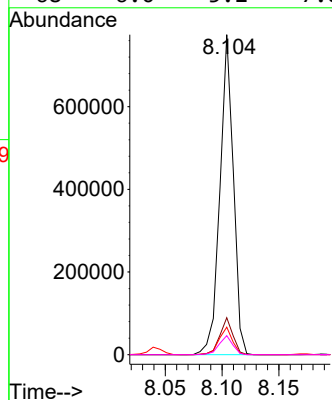
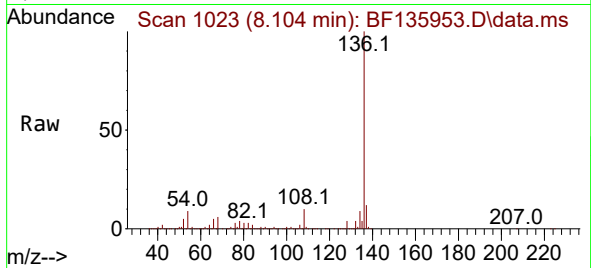




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

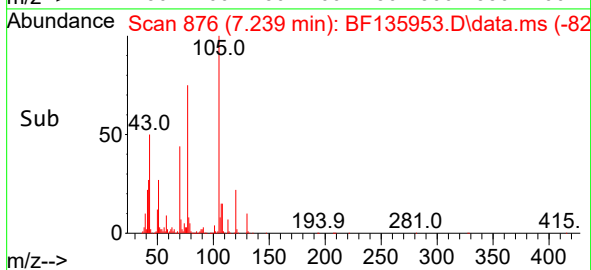
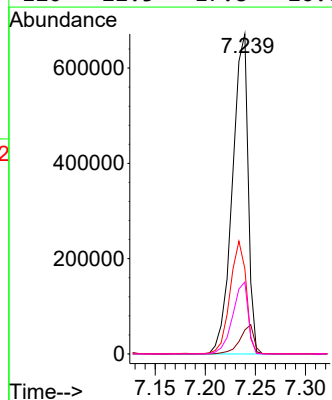
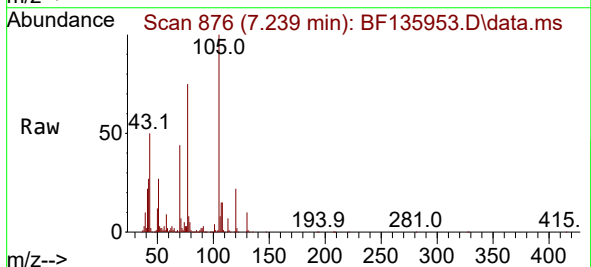
Instrument :
BNA_F
ClientSampleId :
PB156273BS

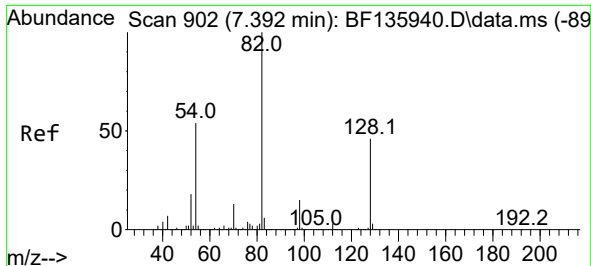
Tgt Ion:136 Resp: 638893
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.6
54 8.6 7.1 10.7
68 6.0 5.2 7.8



#22
Acetophenone
Concen: 50.486 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion:105 Resp: 728511
Ion Ratio Lower Upper
105 100
71 7.5 3.4 5.2#
51 26.7 28.4 42.6#
120 22.5 17.8 26.6





#23

Nitrobenzene-d5

Concen: 100.709 ng

RT: 7.392 min Scan# 902

Delta R.T. 0.000 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS

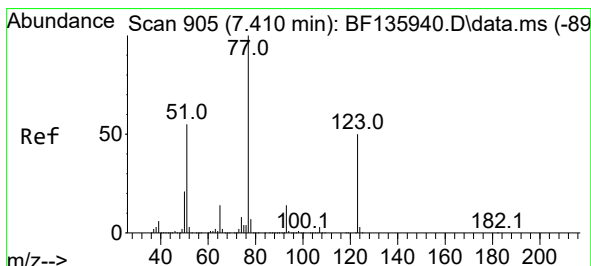
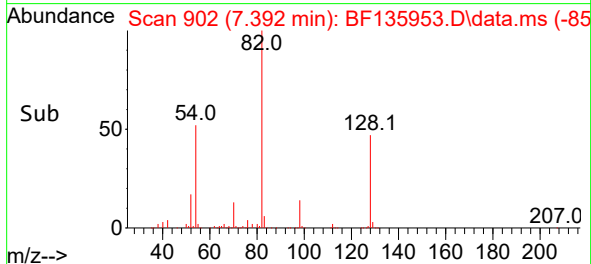
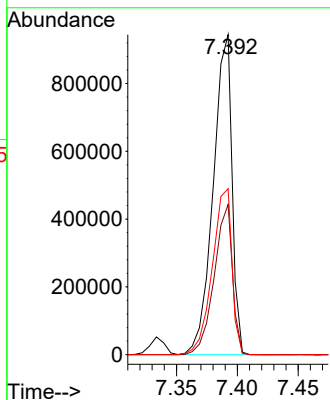
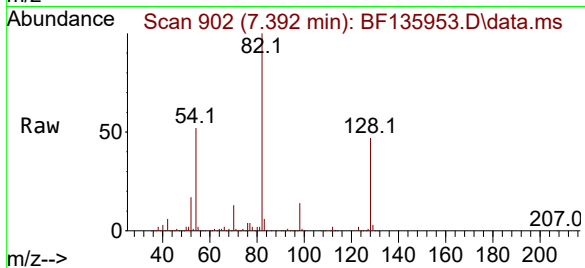
Tgt Ion: 82 Resp: 1016599

Ion Ratio Lower Upper

82 100

128 47.0 36.8 55.2

54 51.8 43.4 65.0



#24

Nitrobenzene

Concen: 50.911 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

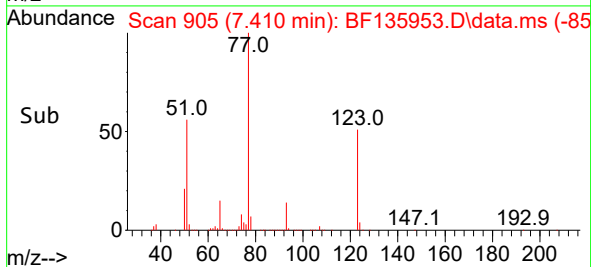
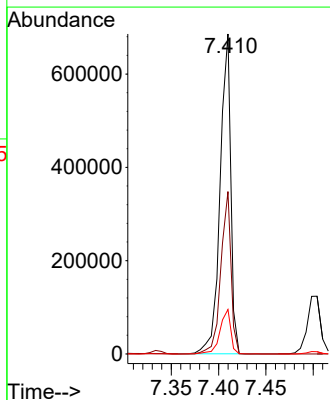
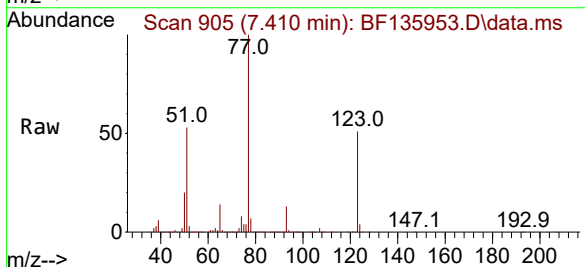
Tgt Ion: 77 Resp: 540407

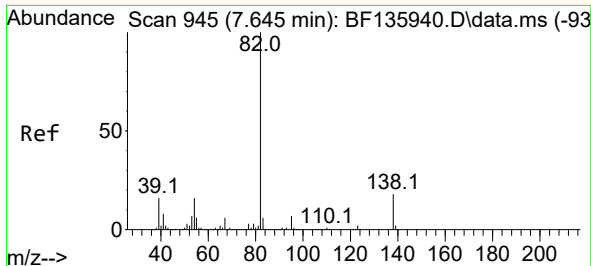
Ion Ratio Lower Upper

77 100

123 50.7 40.2 60.2

65 13.9 11.0 16.4

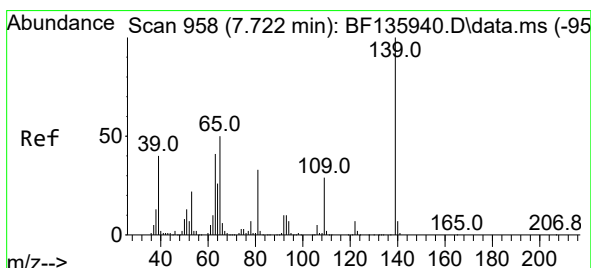
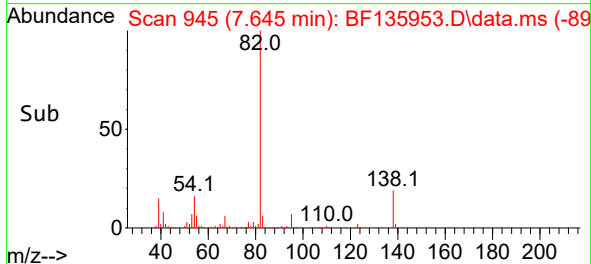
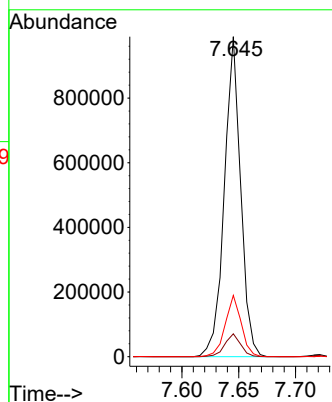
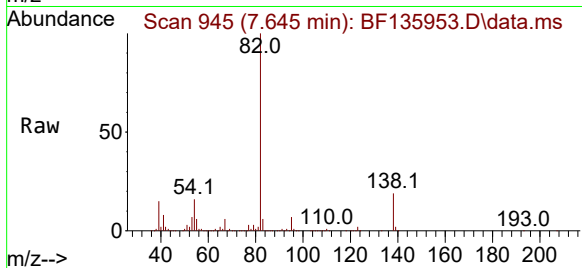




#25
Isophorone
Concen: 49.023 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

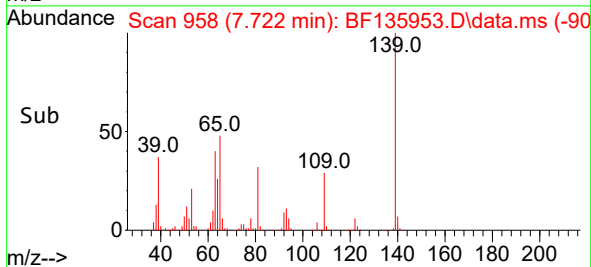
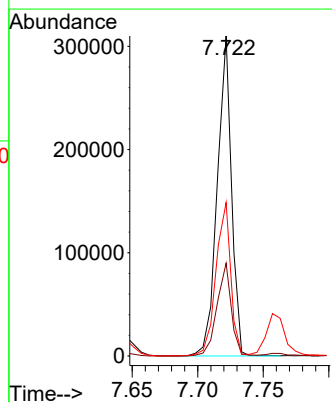
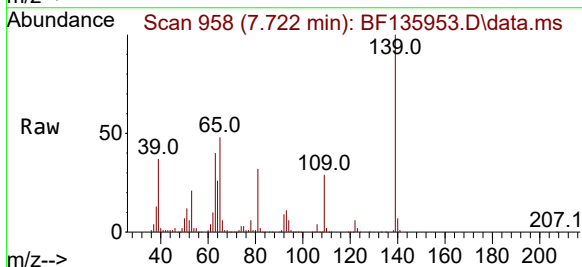
Instrument :
BNA_F
ClientSampleId :
PB156273BS

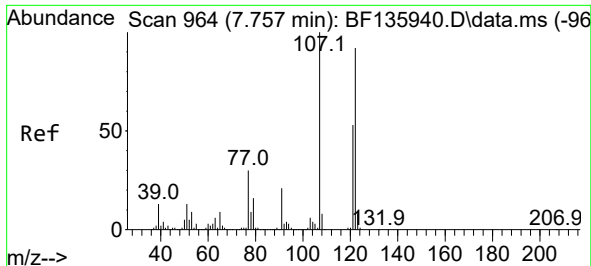
Tgt Ion: 82 Resp: 990012
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 19.1 14.8 22.2



#26
2-Nitrophenol
Concen: 57.604 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion:139 Resp: 234276
Ion Ratio Lower Upper
139 100
109 29.0 23.1 34.7
65 47.9 39.8 59.8

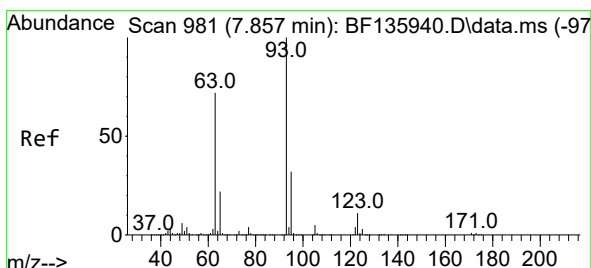
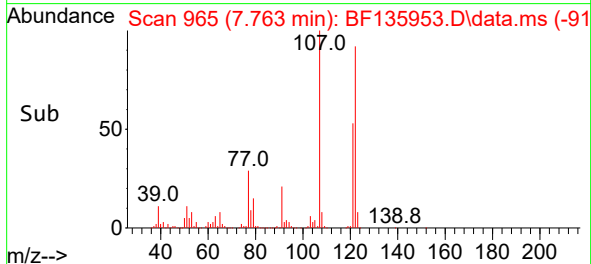
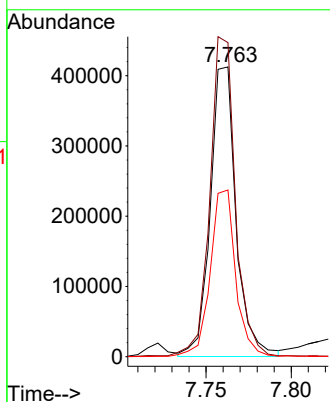
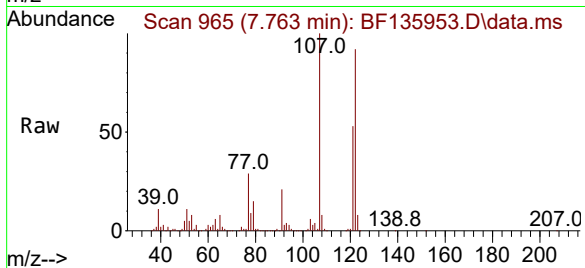




#27
2,4-Dimethylphenol
Concen: 47.294 ng
RT: 7.763 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

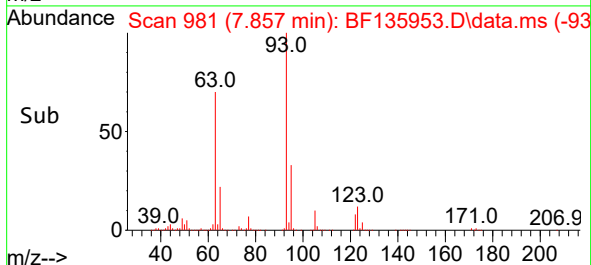
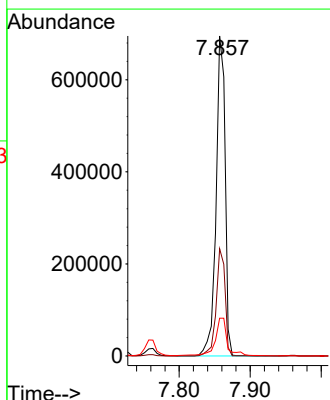
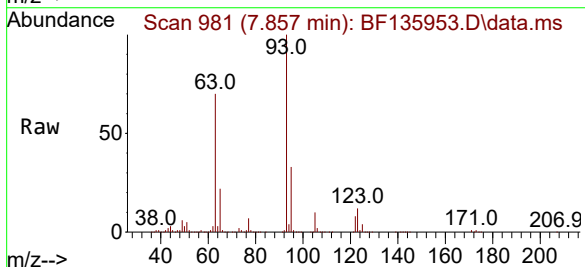
Instrument :
BNA_F
ClientSampleId :
PB156273BS

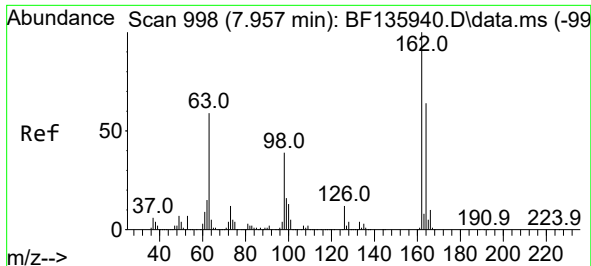
Tgt Ion:122 Resp: 435300
Ion Ratio Lower Upper
122 100
107 108.4 87.1 130.7
121 57.5 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 49.594 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion: 93 Resp: 615018
Ion Ratio Lower Upper
93 100
95 33.5 25.9 38.9
123 11.8 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 53.498 ng

RT: 7.963 min Scan# 99

Delta R.T. 0.006 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS

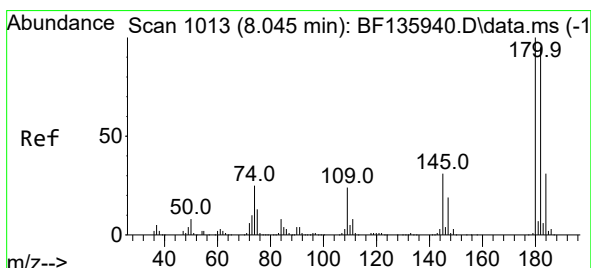
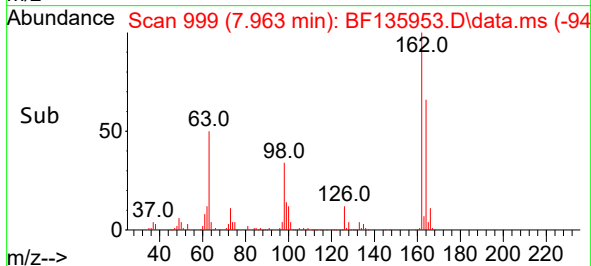
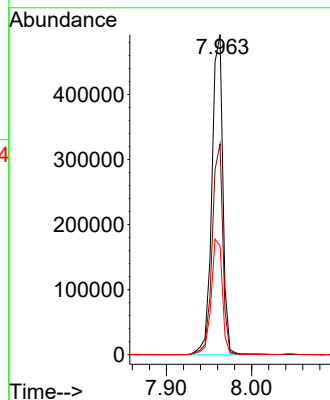
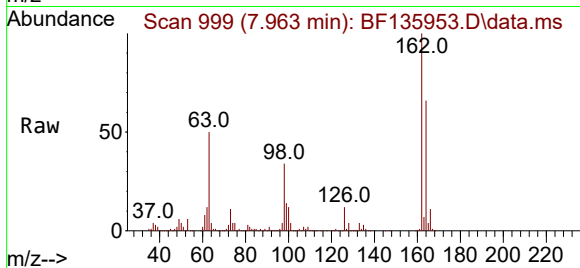
Tgt Ion:162 Resp: 440929

Ion Ratio Lower Upper

162 100

164 65.8 43.7 83.7

98 34.0 18.8 58.8



#30

1,2,4-Trichlorobenzene

Concen: 51.295 ng

RT: 8.045 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

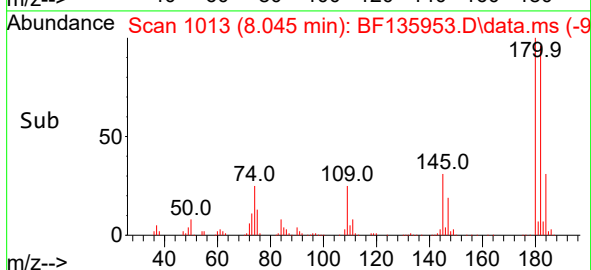
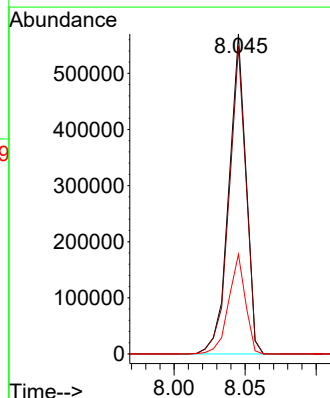
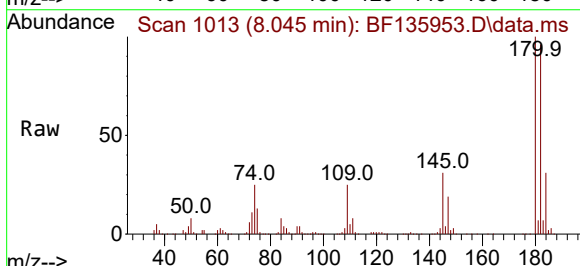
Tgt Ion:180 Resp: 478678

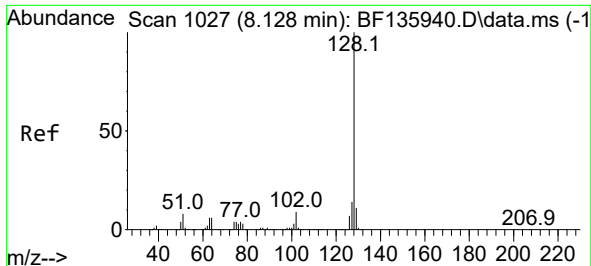
Ion Ratio Lower Upper

180 100

182 96.2 76.0 114.0

145 31.2 24.6 36.8

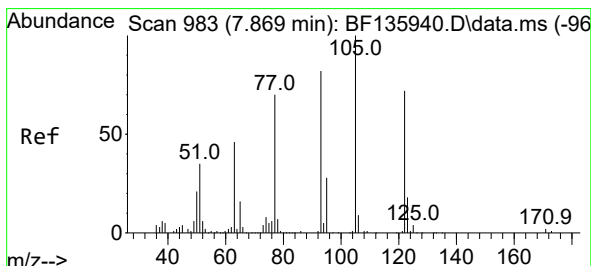
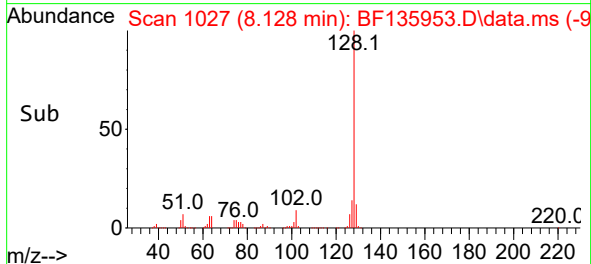
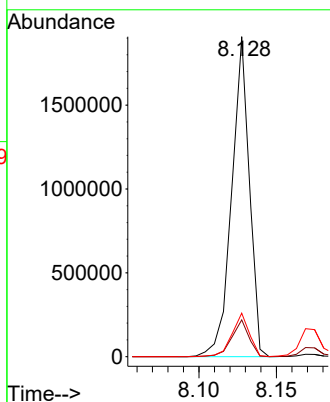
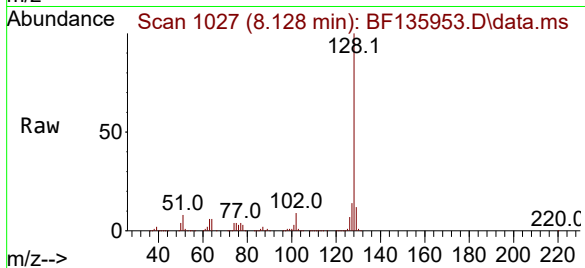




#31
Naphthalene
Concen: 49.034 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

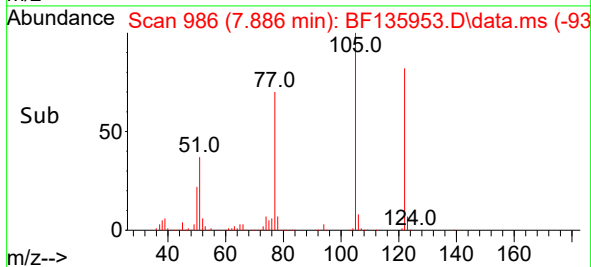
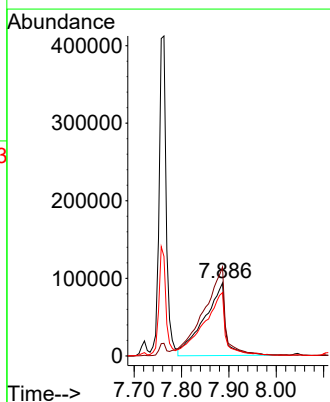
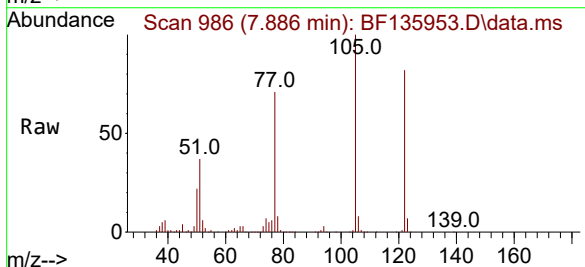
Instrument :
BNA_F
ClientSampleId :
PB156273BS

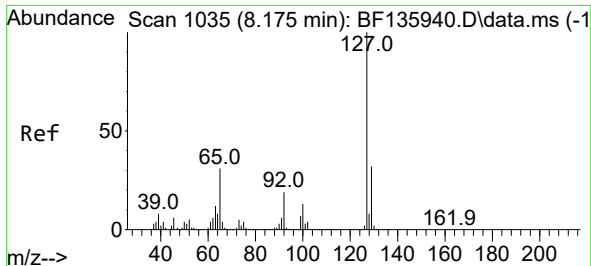
Tgt Ion:128 Resp: 1514619
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 58.755 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.017 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion:122 Resp: 295778
Ion Ratio Lower Upper
122 100
105 122.0 113.1 153.1
77 86.9 75.2 115.2

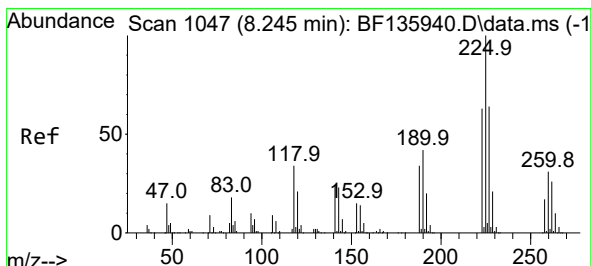
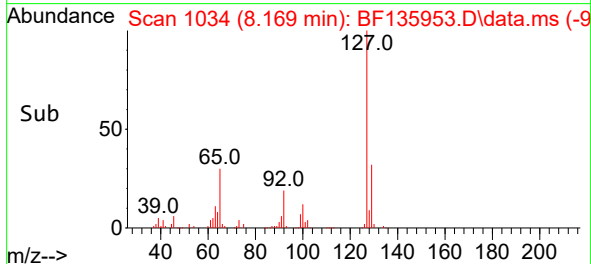
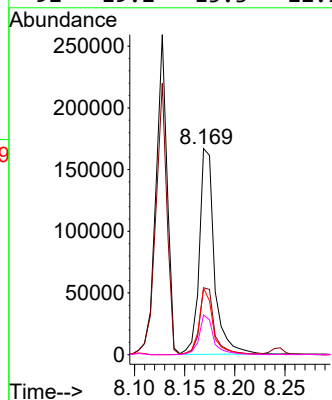
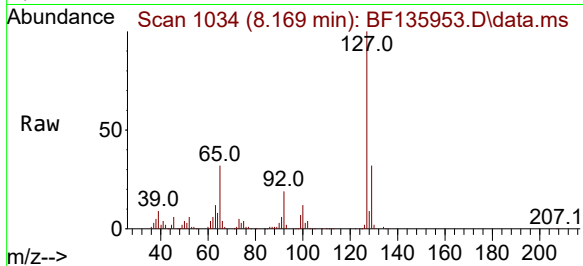




#33
4-Chloroaniline
Concen: 12.771 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

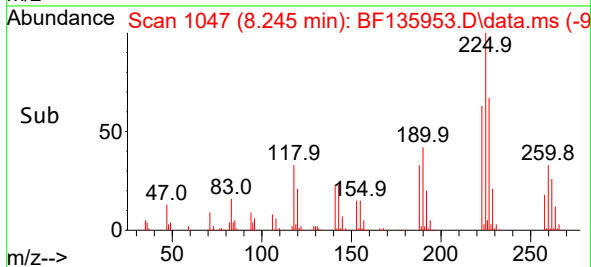
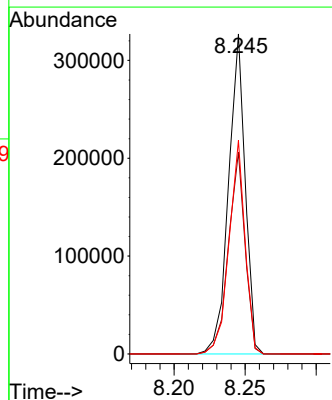
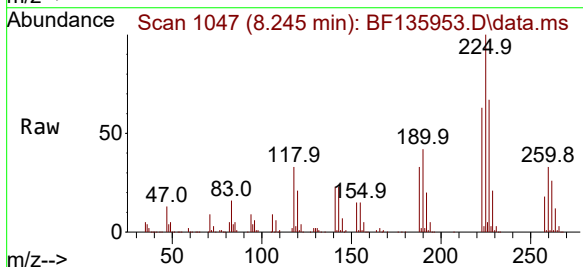
Instrument :
BNA_F
ClientSampleId :
PB156273BS

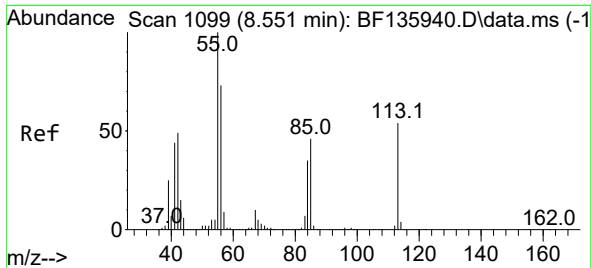
Tgt Ion:	127	Resp:	174354
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.7	38.5
65	32.3	24.8	37.2
92	19.2	15.3	22.9



#34
Hexachlorobutadiene
Concen: 50.551 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion:	225	Resp:	265891
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	75.8
227	66.8	50.9	76.3

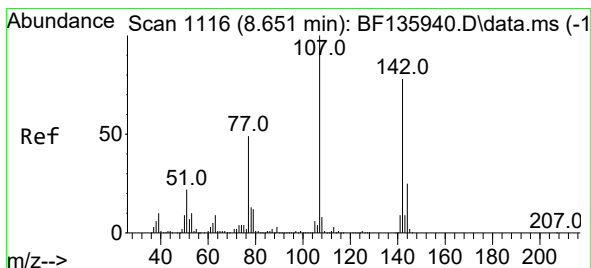
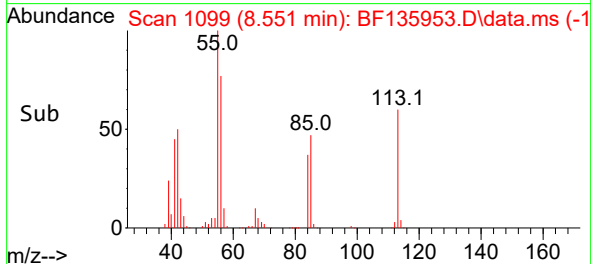
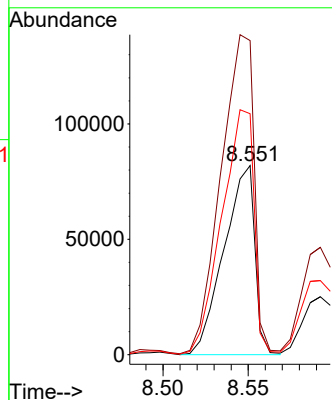
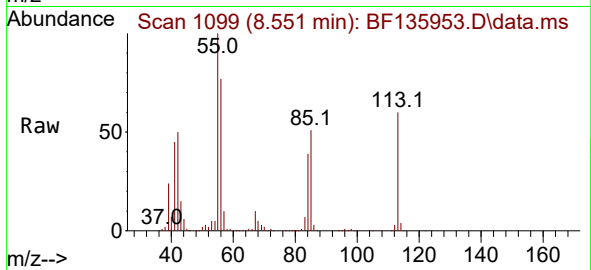




#35
Caprolactam
Concen: 37.555 ng
RT: 8.551 min Scan# 1099
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

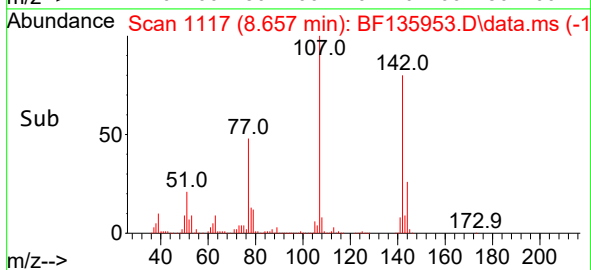
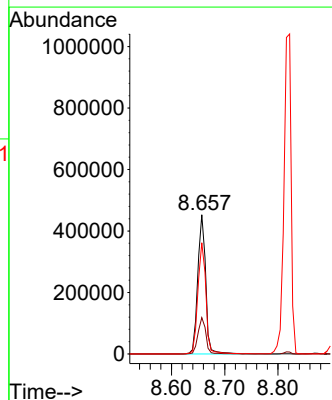
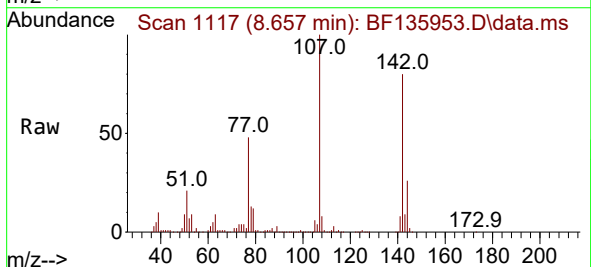
Instrument :
BNA_F
ClientSampleId :
PB156273BS

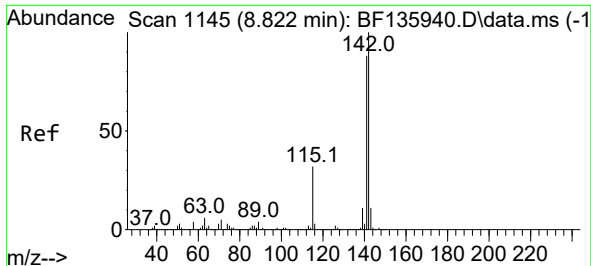
Tgt Ion:113 Resp: 103003
Ion Ratio Lower Upper
113 100
55 166.0 165.4 205.4
56 127.3 115.2 155.2



#36
4-Chloro-3-methylphenol
Concen: 53.878 ng
RT: 8.657 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion:107 Resp: 471904
Ion Ratio Lower Upper
107 100
144 26.1 19.9 29.9
142 79.9 62.8 94.2

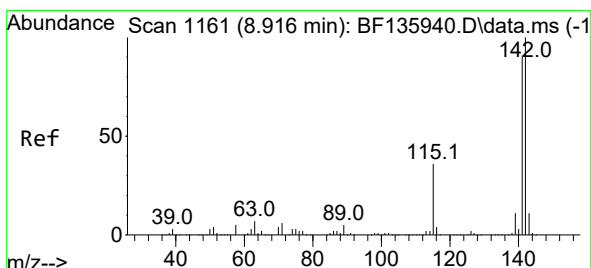
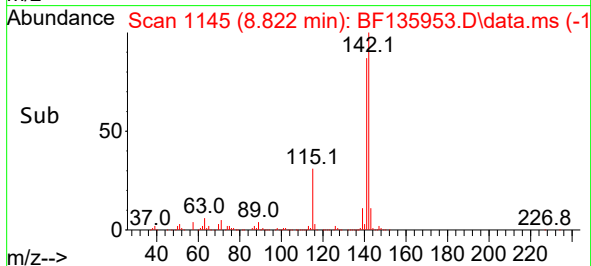
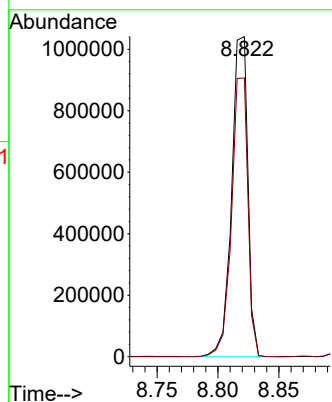
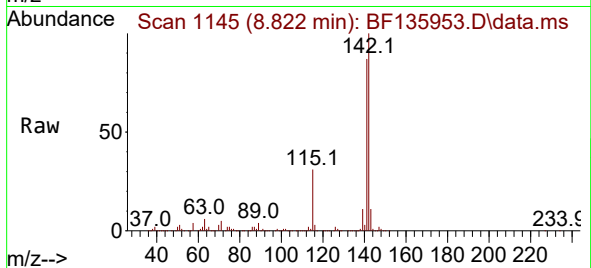




#37
2-Methylnaphthalene
Concen: 47.265 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

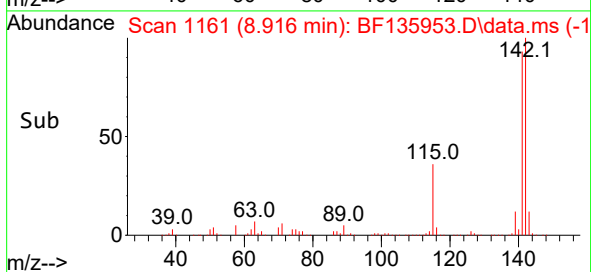
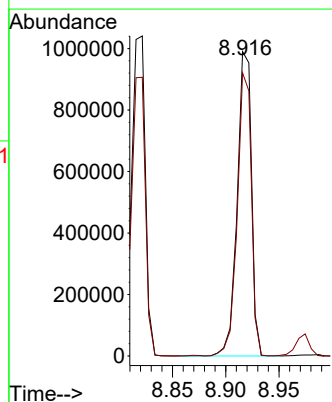
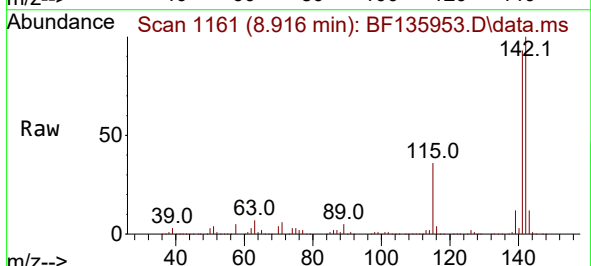
Instrument :
BNA_F
ClientSampleId :
PB156273BS

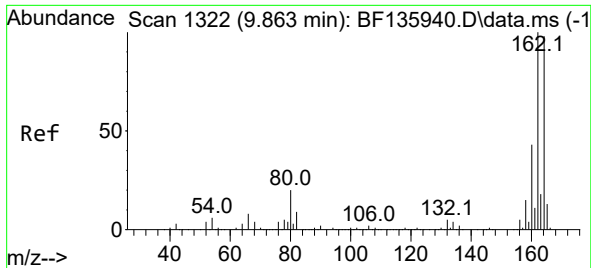
Tgt Ion:142 Resp: 965962
Ion Ratio Lower Upper
142 100
141 87.1 70.4 105.6



#38
1-Methylnaphthalene
Concen: 48.651 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion:142 Resp: 929067
Ion Ratio Lower Upper
142 100
141 93.0 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS

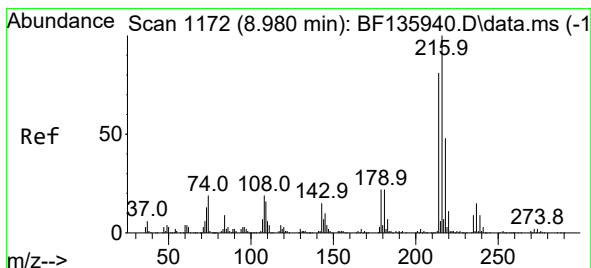
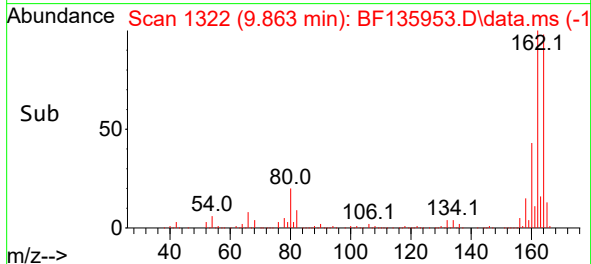
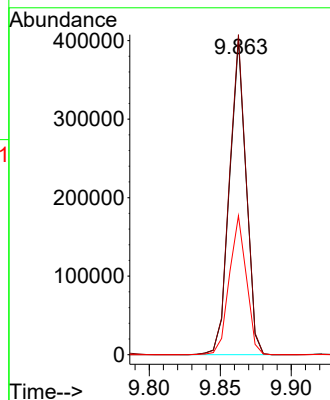
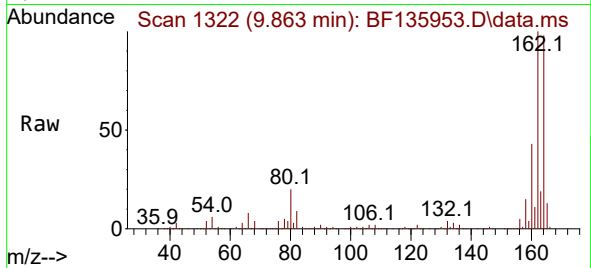
Tgt Ion:164 Resp: 325712

Ion Ratio Lower Upper

164 100

162 101.6 82.0 123.0

160 44.1 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.548 ng

RT: 8.986 min Scan# 1173

Delta R.T. 0.006 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

Tgt Ion:216 Resp: 446613

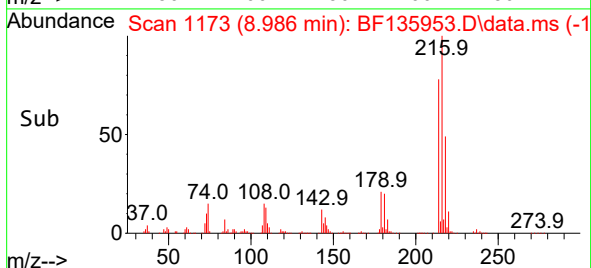
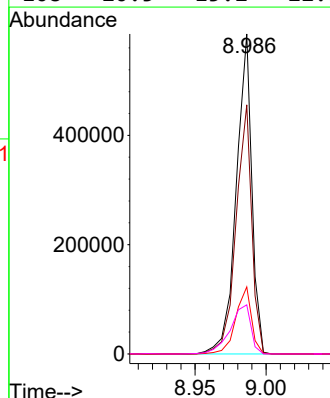
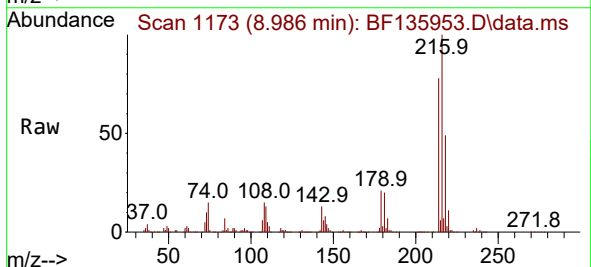
Ion Ratio Lower Upper

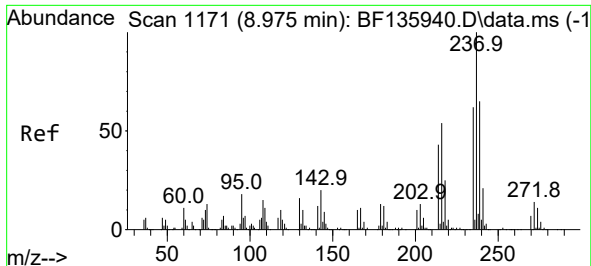
216 100

214 78.7 63.3 94.9

179 21.2 17.3 25.9

108 20.5 15.2 22.8

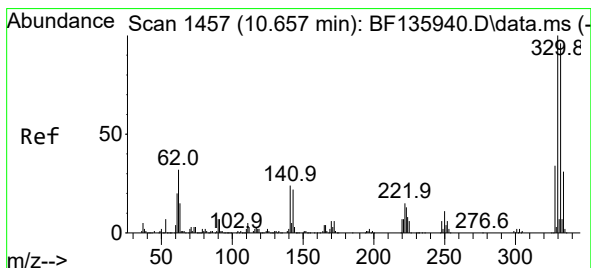
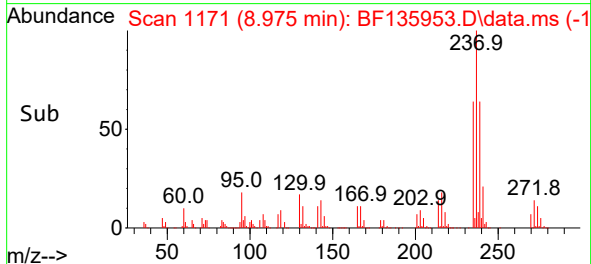
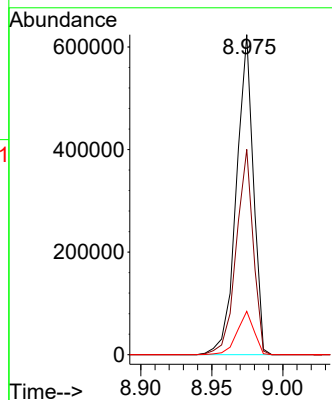
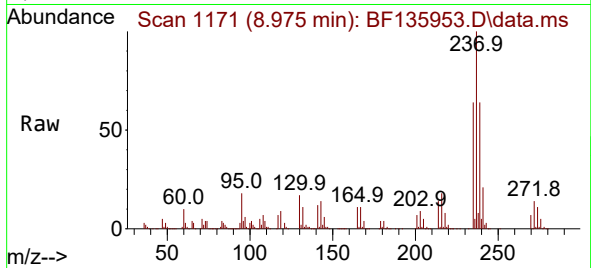




#41
Hexachlorocyclopentadiene
Concen: 114.713 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

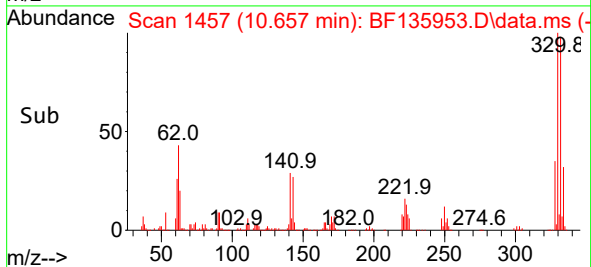
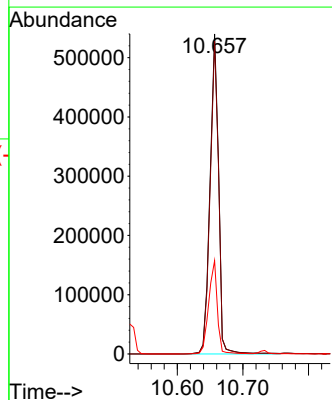
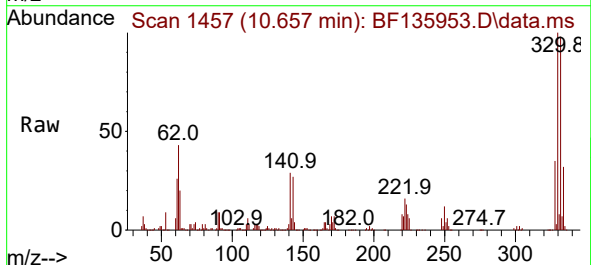
Instrument :
BNA_F
ClientSampleId :
PB156273BS

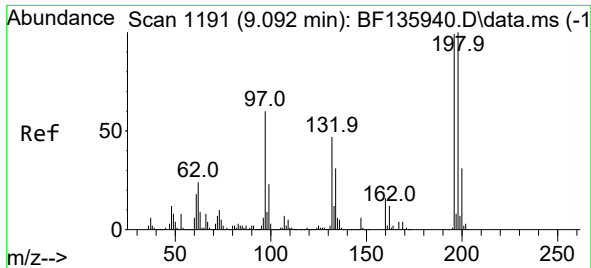
Tgt Ion:237 Resp: 520350
Ion Ratio Lower Upper
237 100
235 64.2 41.7 81.7
272 13.6 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 172.175 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion:330 Resp: 490863
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.2
141 29.6 24.9 37.3

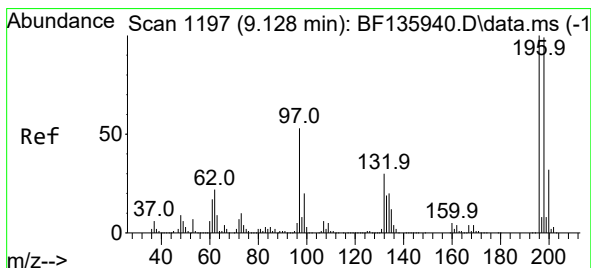
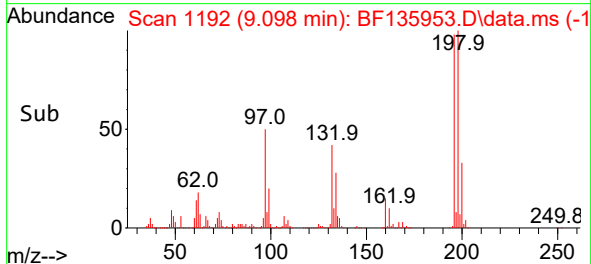
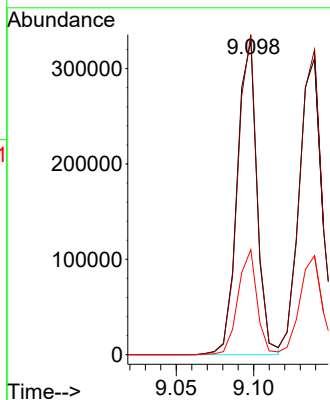
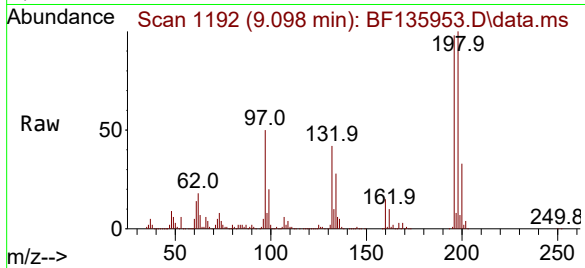




#43
2,4,6-Trichlorophenol
Concen: 54.356 ng
RT: 9.098 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

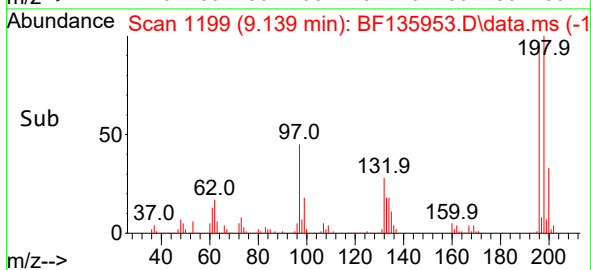
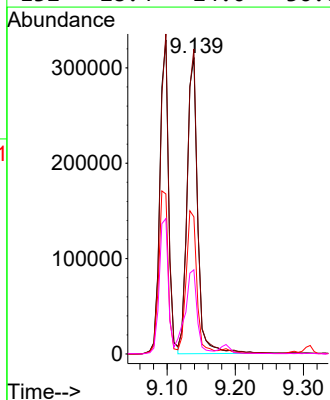
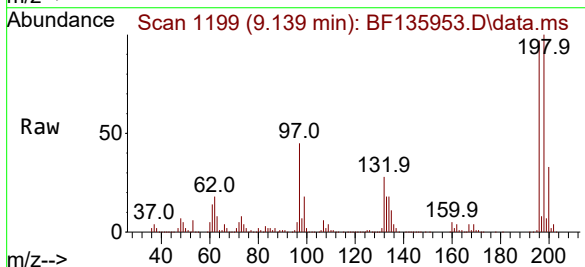
Instrument :
BNA_F
ClientSampleId :
PB156273BS

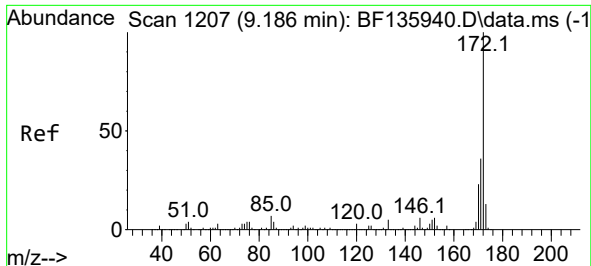
Tgt Ion:196 Resp: 292672
Ion Ratio Lower Upper
196 100
198 101.9 81.0 121.4
200 33.4 25.4 38.0



#44
2,4,5-Trichlorophenol
Concen: 52.236 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.012 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion:196 Resp: 333940
Ion Ratio Lower Upper
196 100
198 102.9 79.1 118.7
97 46.2 42.3 63.5
132 28.4 24.0 36.0





#45

2-Fluorobiphenyl

Concen: 91.677 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.000 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS

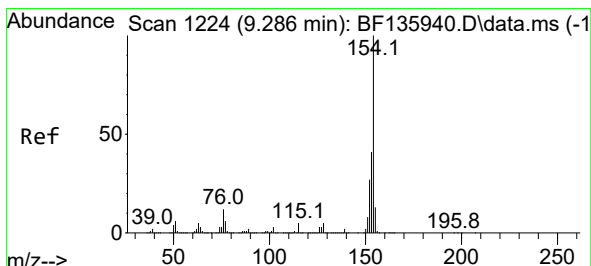
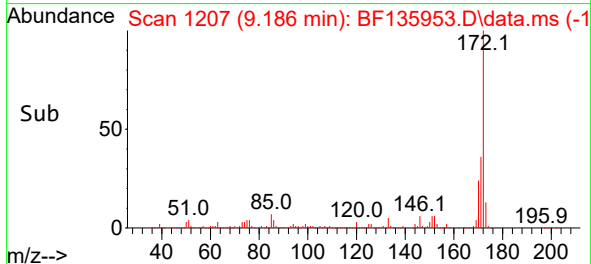
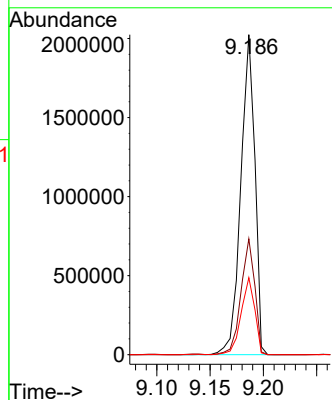
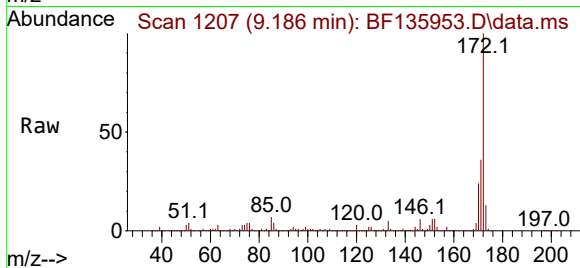
Tgt Ion:172 Resp: 1864804

Ion Ratio Lower Upper

172 100

171 36.2 28.6 43.0

170 24.1 18.6 28.0



#46

1,1'-Biphenyl

Concen: 49.194 ng

RT: 9.286 min Scan# 1224

Delta R.T. -0.000 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

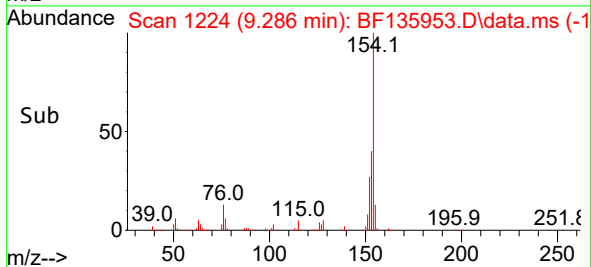
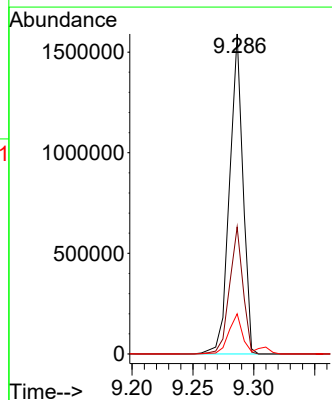
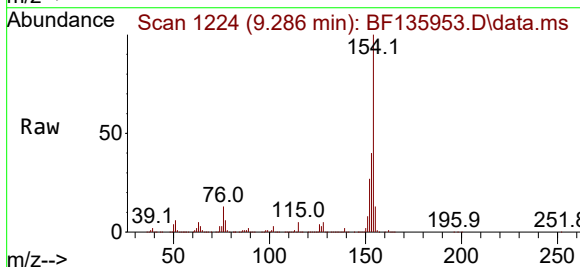
Tgt Ion:154 Resp: 1214122

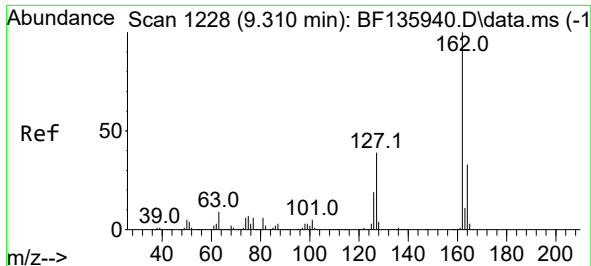
Ion Ratio Lower Upper

154 100

153 39.7 20.7 60.7

76 12.5 0.0 32.4





#47

2-Chloronaphthalene

Concen: 50.560 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS

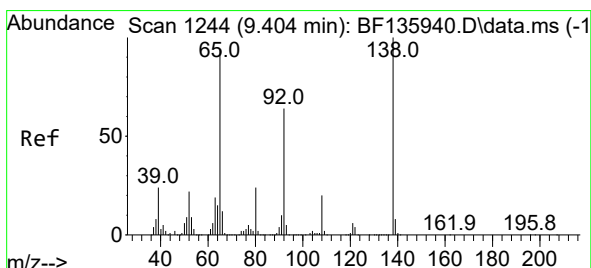
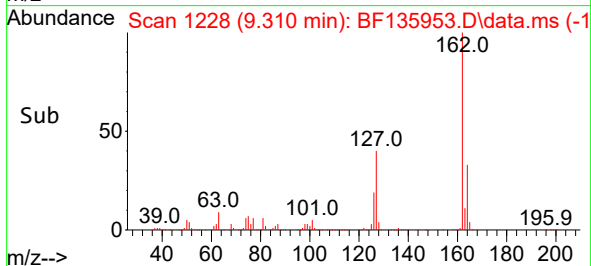
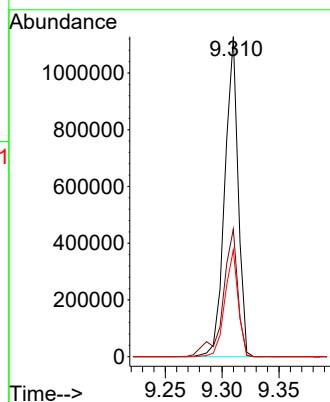
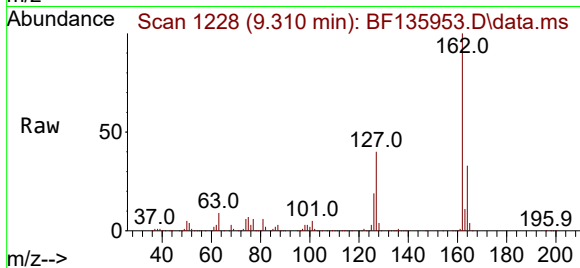
Tgt Ion:162 Resp: 922970

Ion Ratio Lower Upper

162 100

127 39.8 31.0 46.4

164 33.3 26.6 39.8



#48

2-Nitroaniline

Concen: 53.346 ng

RT: 9.404 min Scan# 1244

Delta R.T. -0.000 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

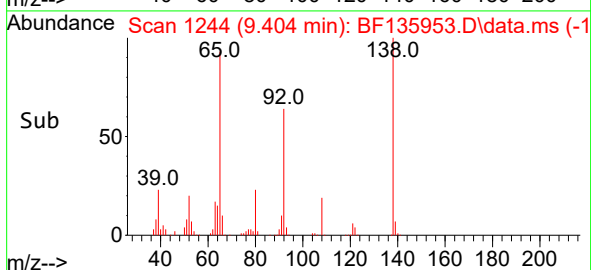
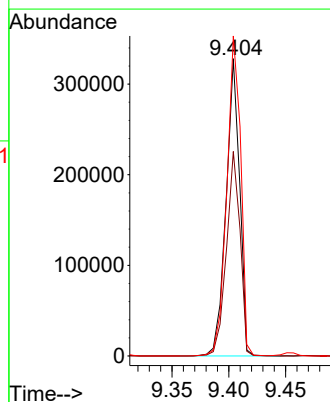
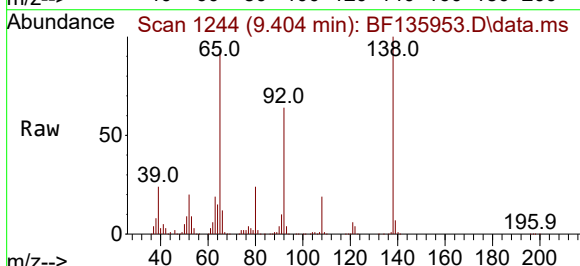
Tgt Ion: 65 Resp: 272929

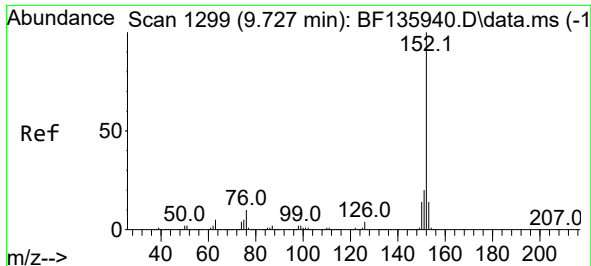
Ion Ratio Lower Upper

65 100

92 68.8 54.9 82.3

138 107.6 85.2 127.8

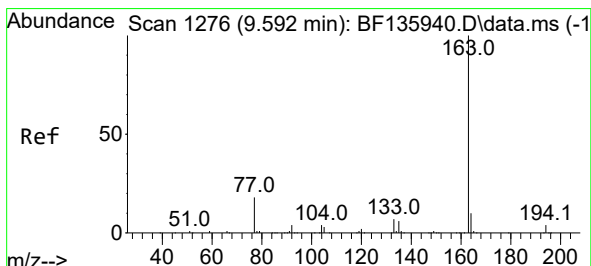
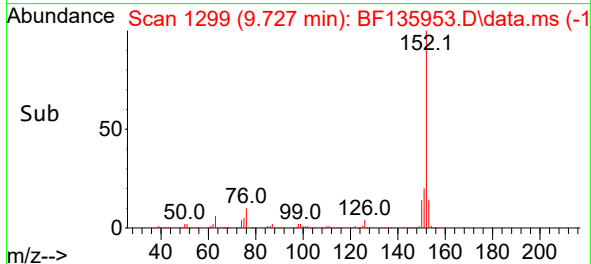
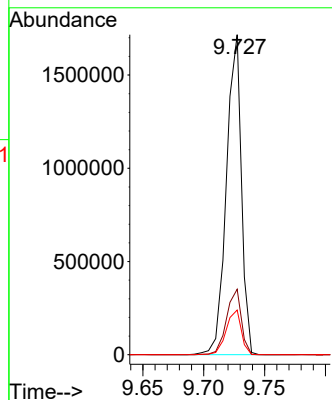
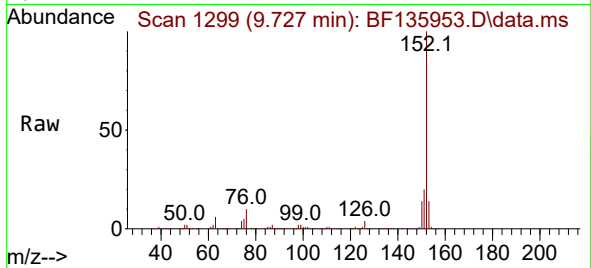




#49
Acenaphthylene
Concen: 51.006 ng
RT: 9.727 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

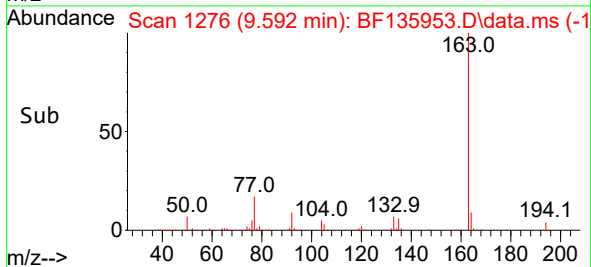
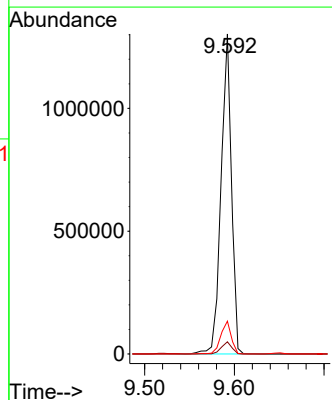
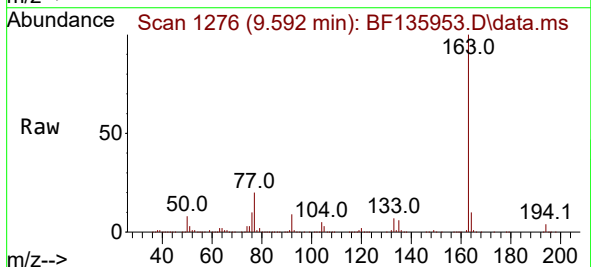
Instrument :
BNA_F
ClientSampleId :
PB156273BS

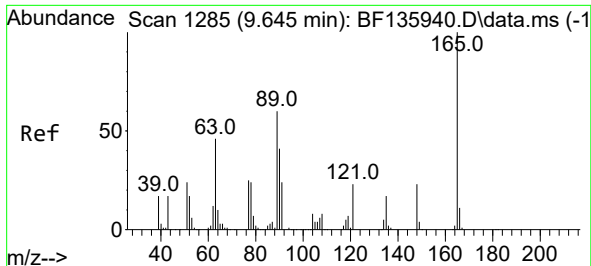
Tgt Ion:152 Resp: 1468929
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 14.0 11.0 16.6



#50
Dimethylphthalate
Concen: 49.600 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion:163 Resp: 1047670
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 10.3 8.3 12.5

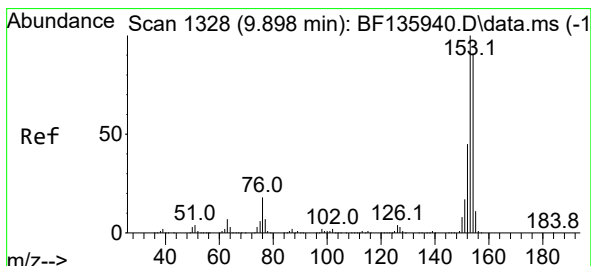
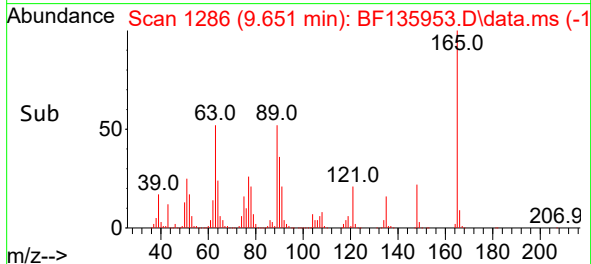
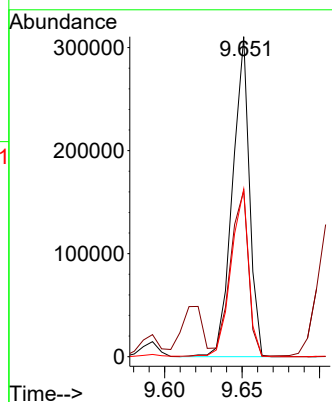
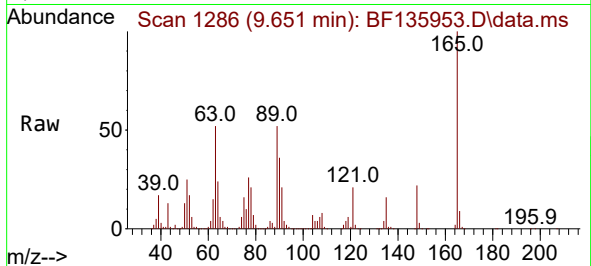




#51
2,6-Dinitrotoluene
Concen: 53.419 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

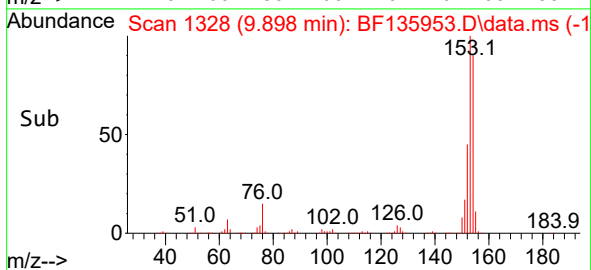
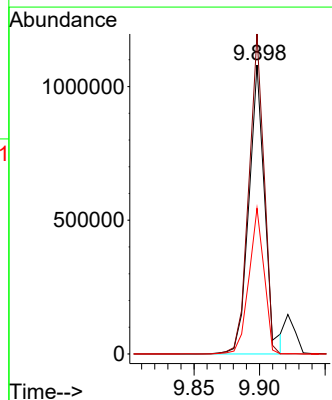
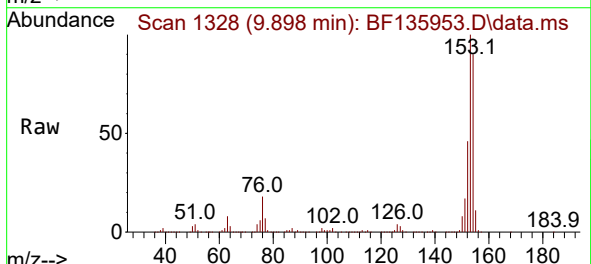
Instrument :
BNA_F
ClientSampleId :
PB156273BS

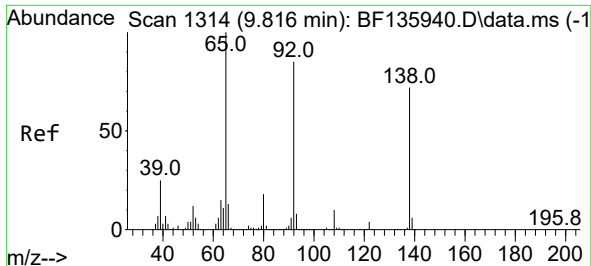
Tgt Ion:165 Resp: 236594
Ion Ratio Lower Upper
165 100
63 51.8 51.7 77.5
89 52.4 48.3 72.5



#52
Acenaphthene
Concen: 49.025 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion:154 Resp: 904839
Ion Ratio Lower Upper
154 100
153 110.8 88.0 132.0
152 50.4 39.4 59.2

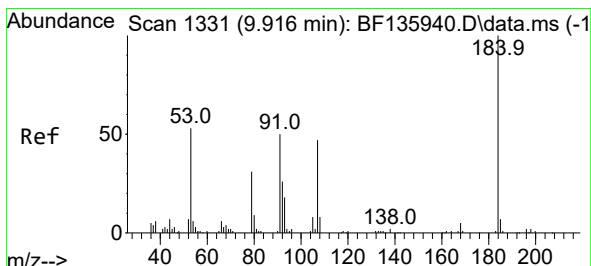
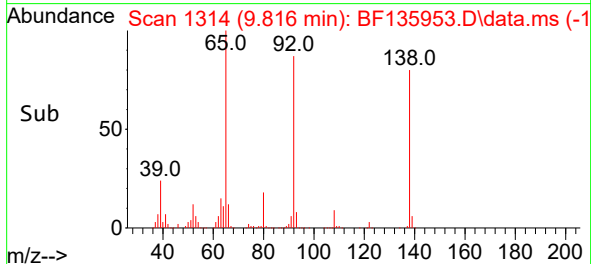
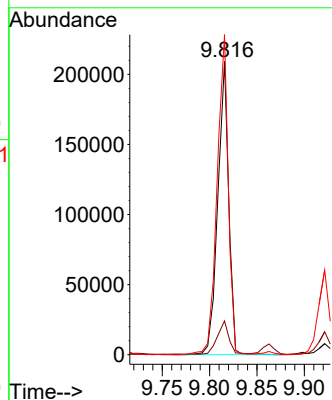
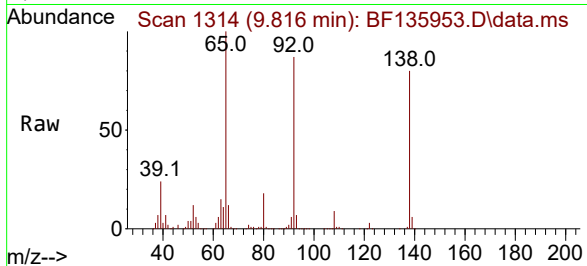




#53
3-Nitroaniline
Concen: 33.380 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

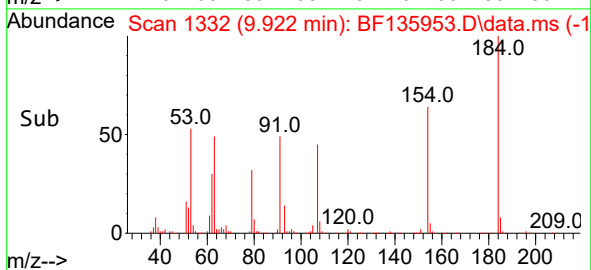
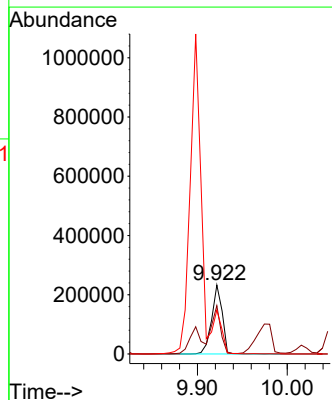
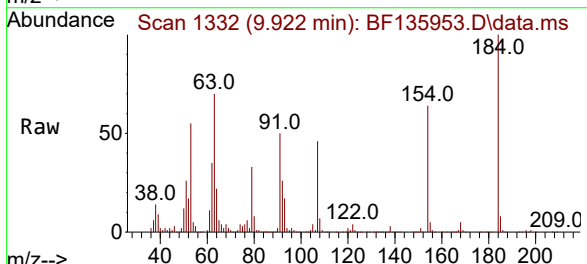
Instrument :
BNA_F
ClientSampleId :
PB156273BS

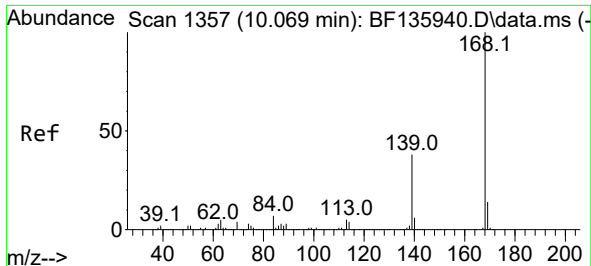
Tgt Ion:138 Resp: 166860
Ion Ratio Lower Upper
138 100
108 11.5 11.3 16.9
92 109.2 95.0 142.6



#54
2,4-Dinitrophenol
Concen: 96.789 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion:184 Resp: 190800
Ion Ratio Lower Upper
184 100
63 70.2 56.3 84.5
154 63.7 48.1 72.1

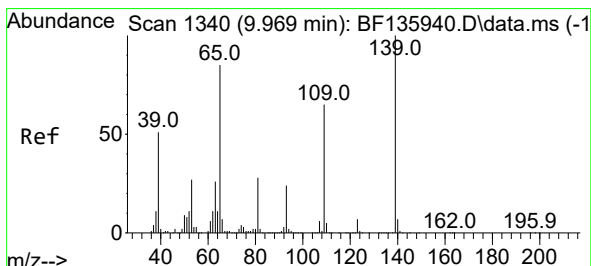
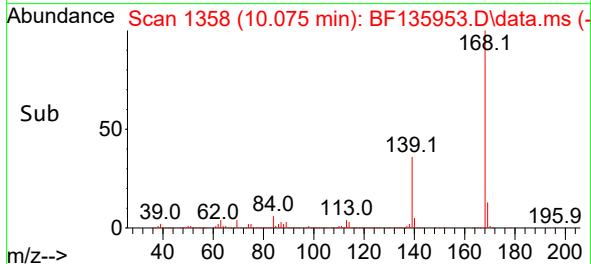
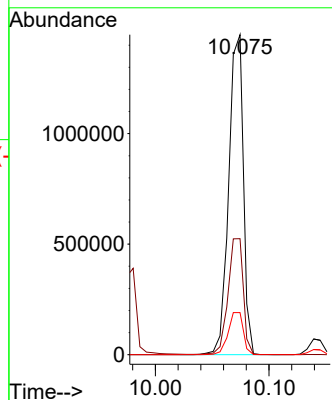
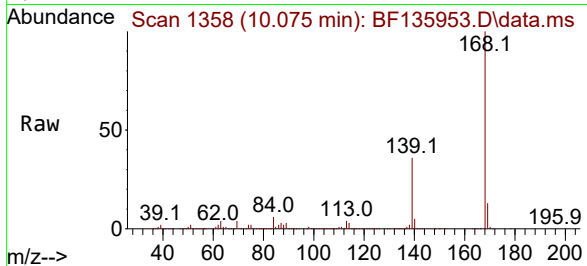




#55
Dibenzenofuran
Concen: 48.686 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

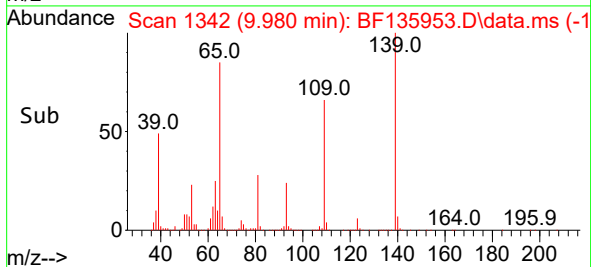
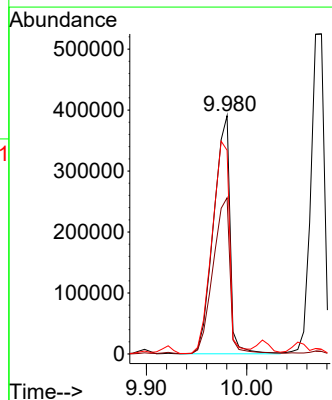
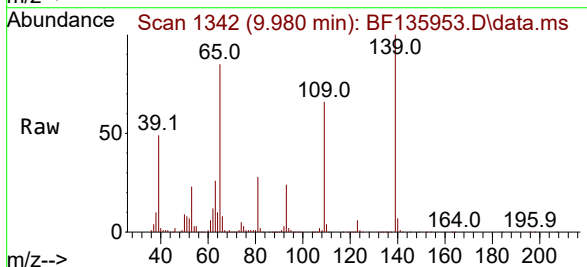
Instrument :
BNA_F
ClientSampleId :
PB156273BS

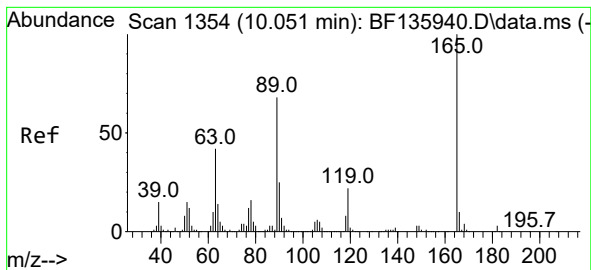
Tgt Ion:168 Resp: 1298127
Ion Ratio Lower Upper
168 100
139 36.3 30.7 46.1
169 13.1 11.1 16.7



#56
4-Nitrophenol
Concen: 102.363 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.011 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion:139 Resp: 444157
Ion Ratio Lower Upper
139 100
109 65.5 45.2 85.2
65 85.5 65.1 105.1

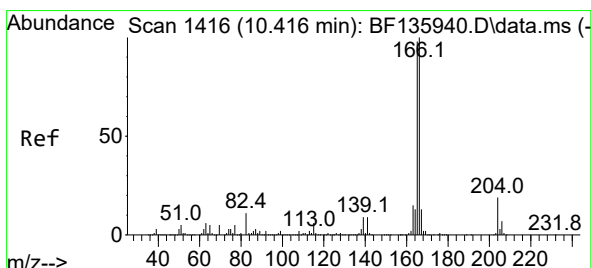
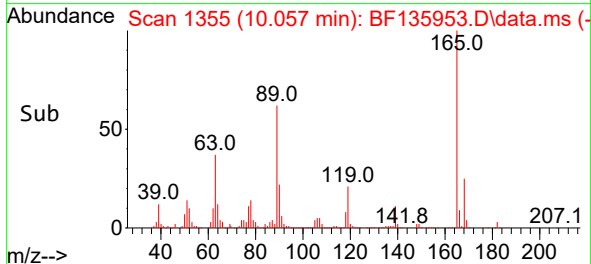
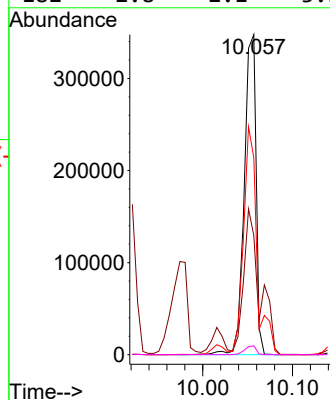
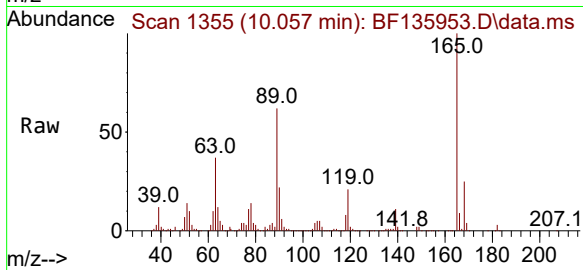




#57
2,4-Dinitrotoluene
Concen: 57.341 ng
RT: 10.057 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

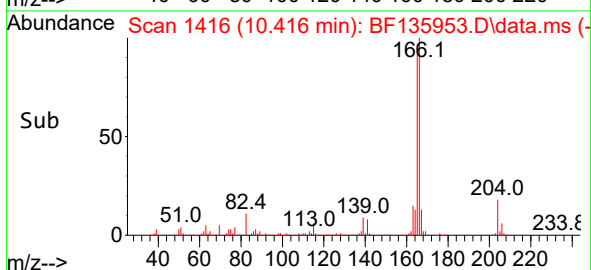
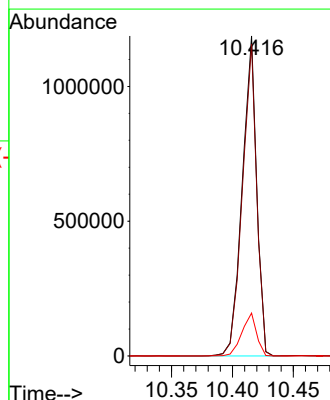
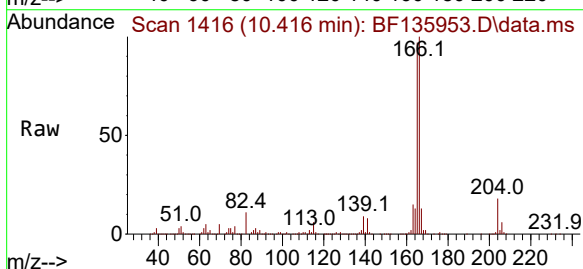
Instrument :
BNA_F
ClientSampleId :
PB156273BS

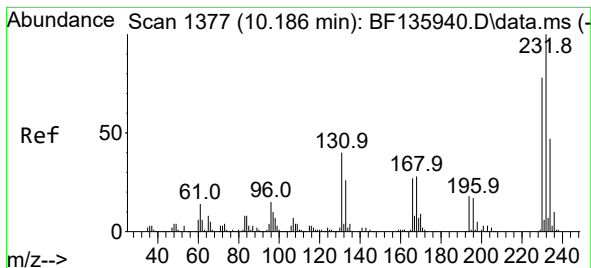
Tgt Ion:165 Resp: 317804
Ion Ratio Lower Upper
165 100
63 37.3 33.7 50.5
89 61.6 54.6 81.8
182 2.8 2.1 3.1



#58
Fluorene
Concen: 49.188 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion:166 Resp: 981204
Ion Ratio Lower Upper
166 100
165 97.5 78.0 117.0
167 13.4 10.6 16.0

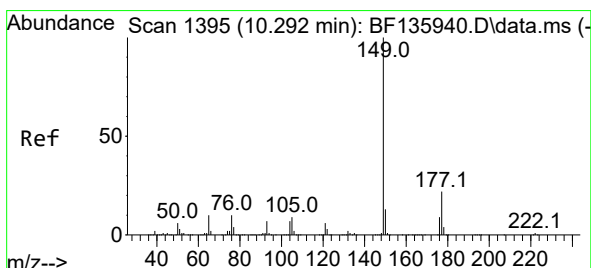
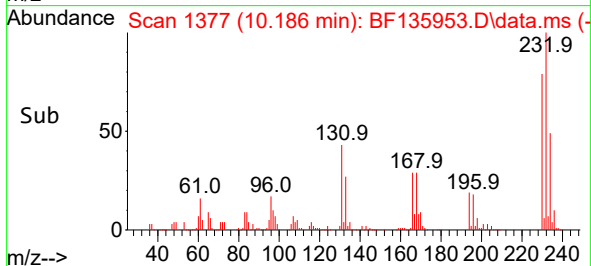
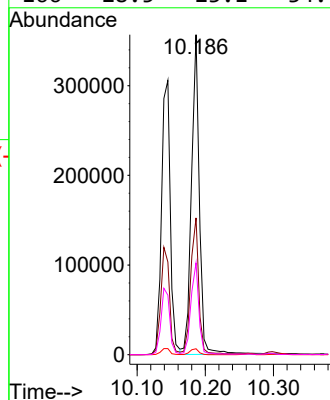
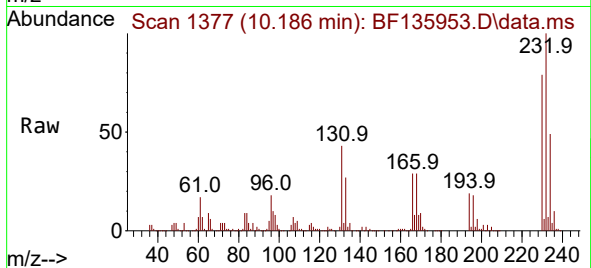




#59
2,3,4,6-Tetrachlorophenol
Concen: 59.157 ng
RT: 10.186 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

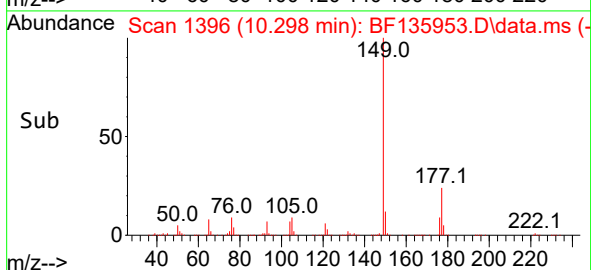
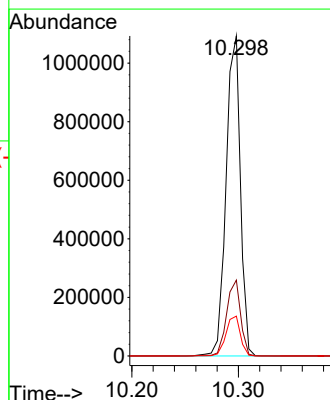
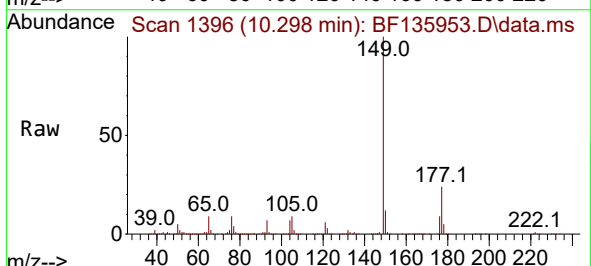
Instrument :
BNA_F
ClientSampleId :
PB156273BS

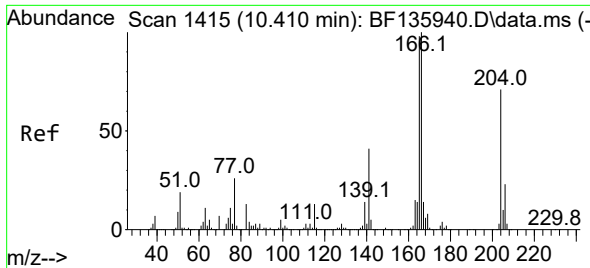
Tgt Ion:232 Resp: 284579
Ion Ratio Lower Upper
232 100
131 42.8 35.2 52.8
130 2.1 1.7 2.5
166 28.5 23.1 34.7



#60
Diethylphthalate
Concen: 50.236 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion:149 Resp: 1011852
Ion Ratio Lower Upper
149 100
177 23.7 17.9 26.9
150 12.4 10.2 15.2

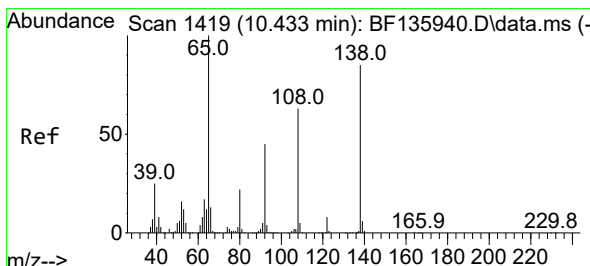
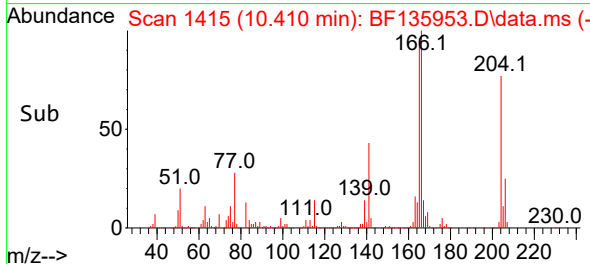
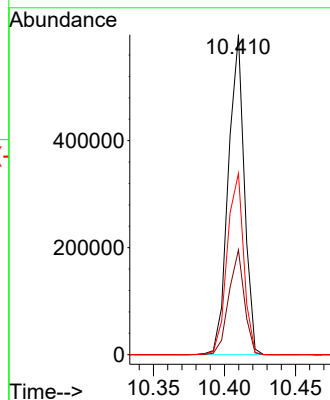
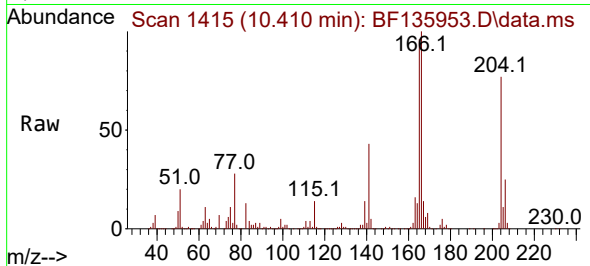




#61
4-Chlorophenyl-phenylether
Concen: 48.638 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

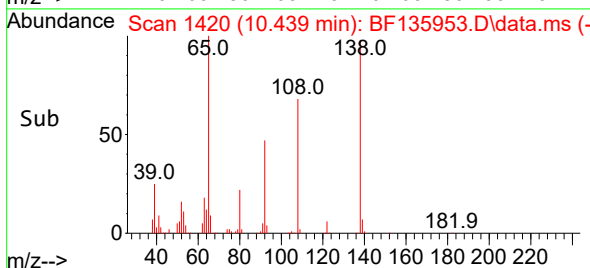
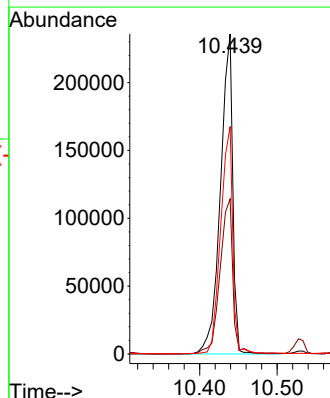
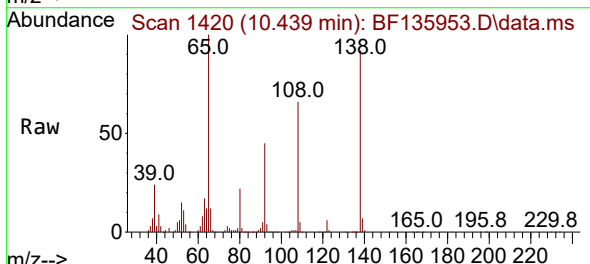
Instrument :
BNA_F
ClientSampleId :
PB156273BS

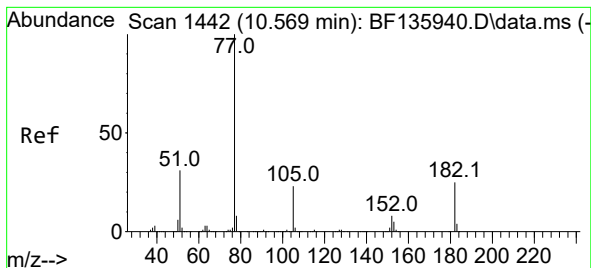
Tgt Ion:204 Resp: 468020
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 56.7 46.2 69.2



#62
4-Nitroaniline
Concen: 49.938 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion:138 Resp: 260168
Ion Ratio Lower Upper
138 100
92 48.4 32.9 72.9
108 71.1 53.5 93.5





#63

Azobenzene

Concen: 49.013 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS

Tgt Ion: 77 Resp: 1001842

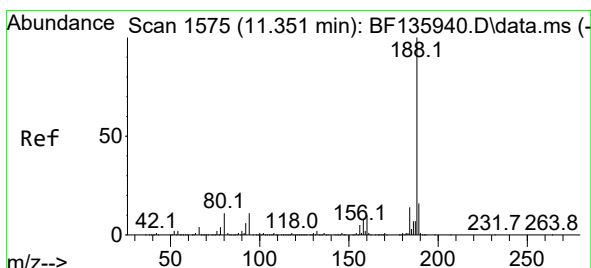
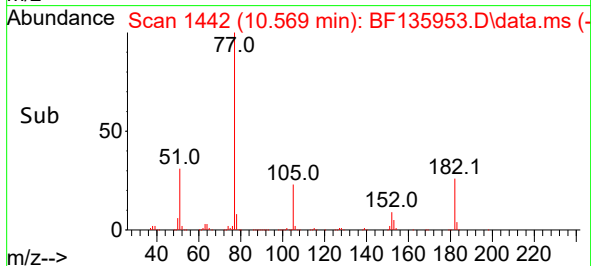
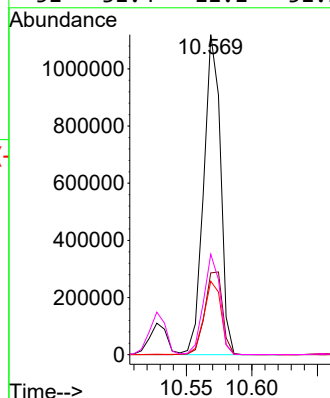
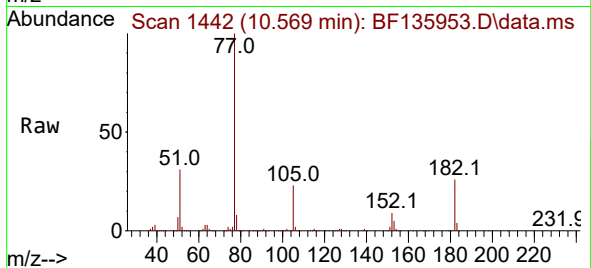
Ion Ratio Lower Upper

77 100

182 25.6 5.1 45.1

105 23.0 2.8 42.8

51 31.4 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1575

Delta R.T. -0.000 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

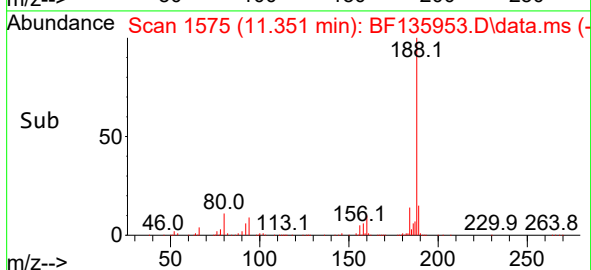
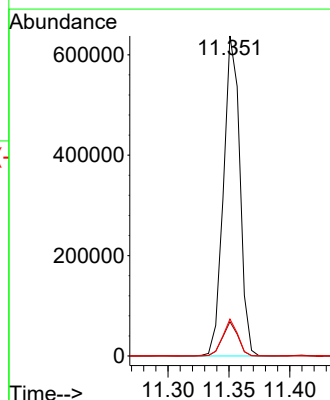
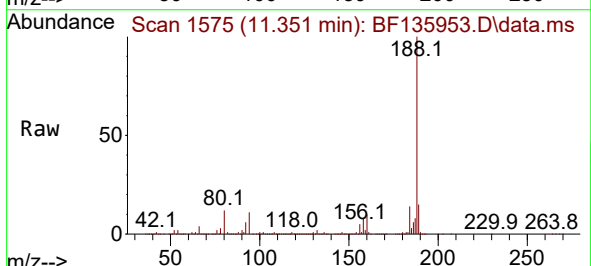
Tgt Ion: 188 Resp: 595665

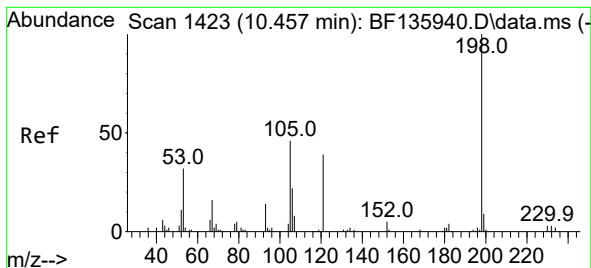
Ion Ratio Lower Upper

188 100

94 10.7 8.6 13.0

80 11.5 9.0 13.6

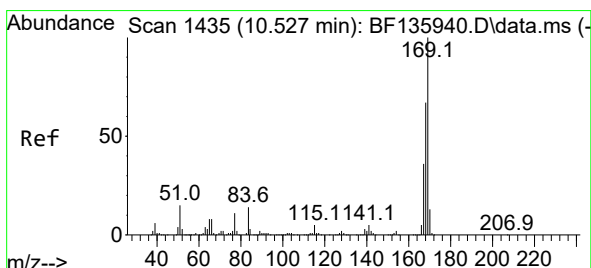
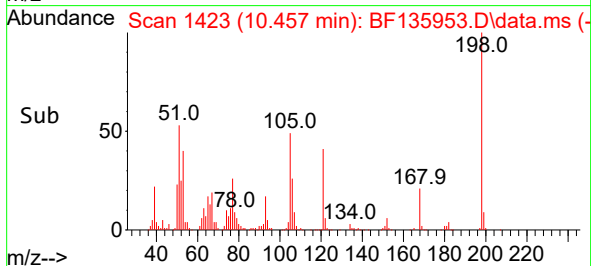
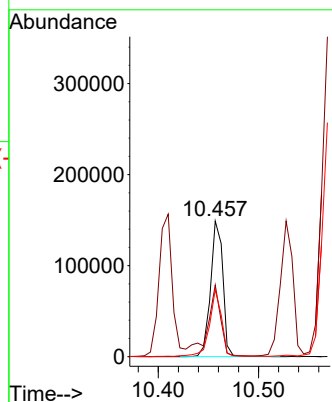
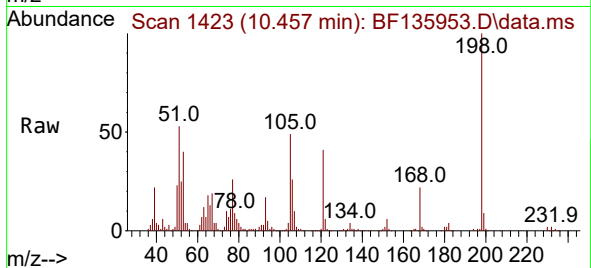




#65
4,6-Dinitro-2-methylphenol
Concen: 59.041 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

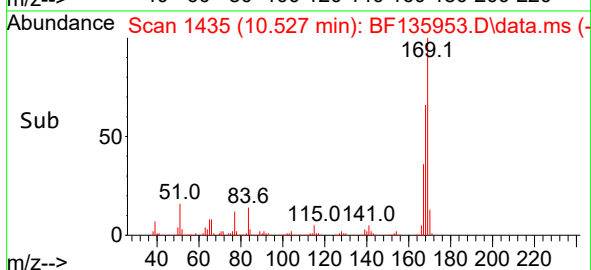
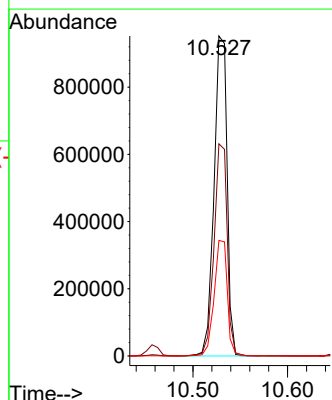
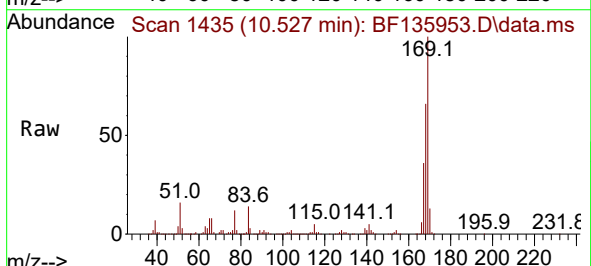
Instrument :
BNA_F
ClientSampleId :
PB156273BS

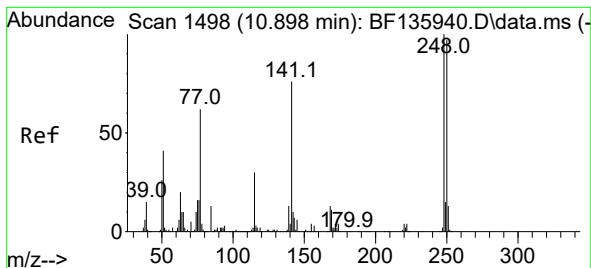
Tgt Ion:198 Resp: 127509
Ion Ratio Lower Upper
198 100
51 52.9 28.7 68.7
105 49.5 27.2 67.2



#66
n-Nitrosodiphenylamine
Concen: 50.507 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion:169 Resp: 908872
Ion Ratio Lower Upper
169 100
168 66.3 53.5 80.3
167 36.1 29.0 43.4

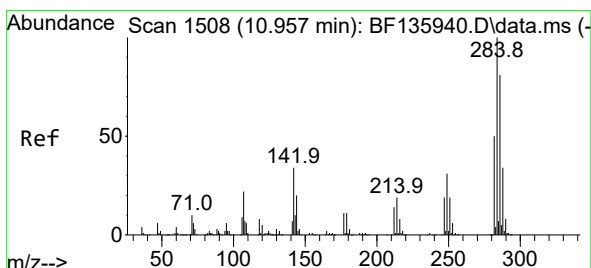
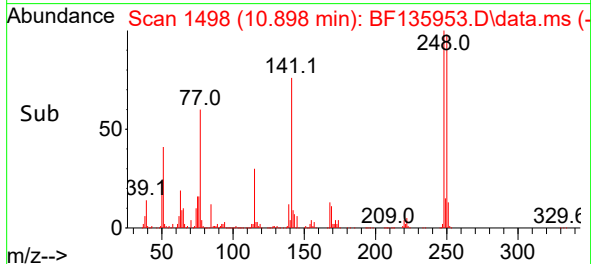
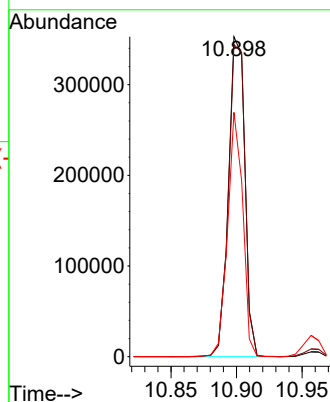
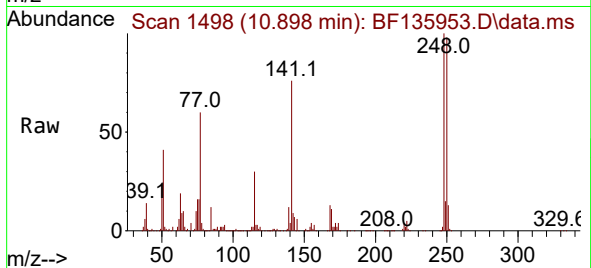




#67
4-Bromophenyl-phenylether
Concen: 50.320 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

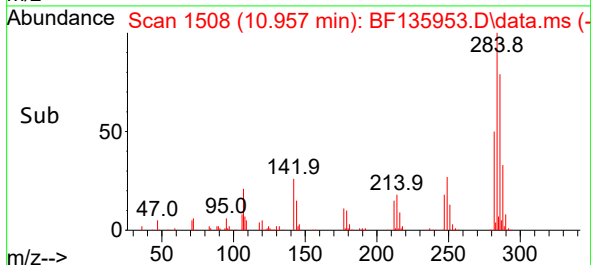
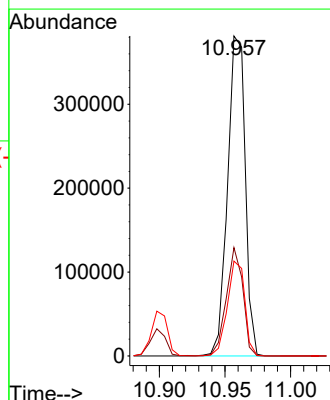
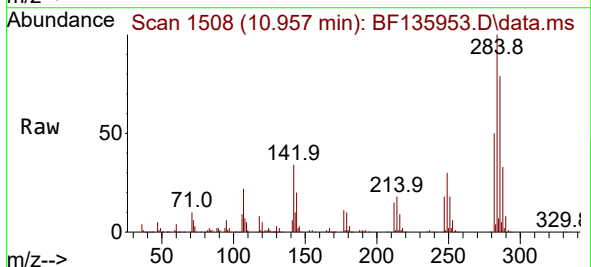
Instrument :
BNA_F
ClientSampleId :
PB156273BS

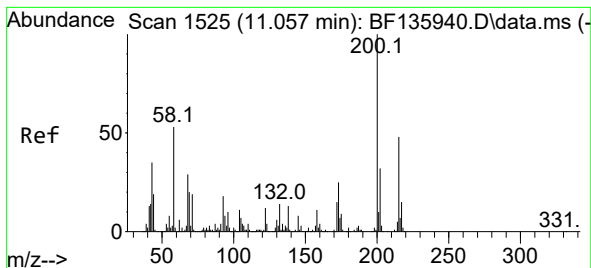
Tgt Ion:248 Resp: 306963
Ion Ratio Lower Upper
248 100
250 97.6 77.9 116.9
141 76.4 60.8 91.2



#68
Hexachlorobenzene
Concen: 54.821 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion:284 Resp: 357246
Ion Ratio Lower Upper
284 100
142 33.9 27.6 41.4
249 29.6 24.7 37.1





#69

Atrazine

Concen: 61.561 ng

RT: 11.063 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS

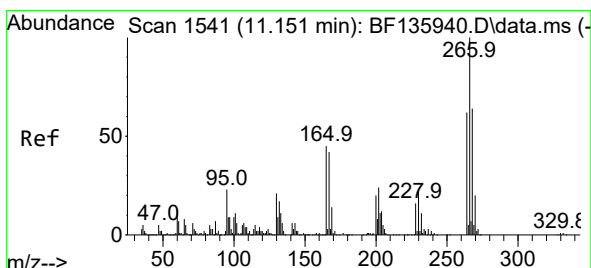
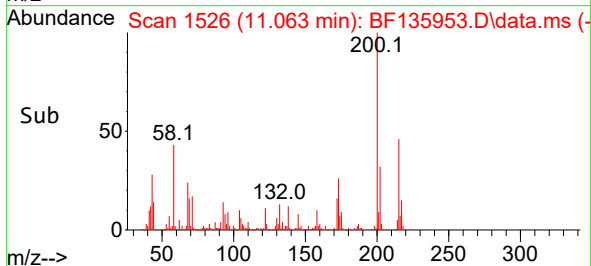
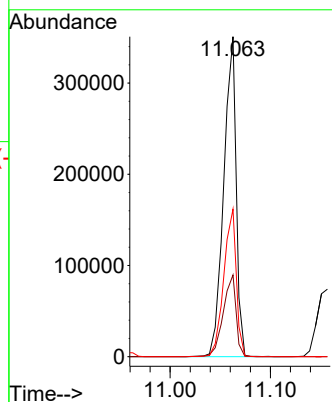
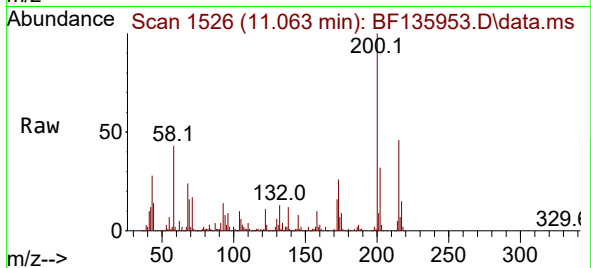
Tgt Ion:200 Resp: 301990

Ion Ratio Lower Upper

200 100

173 25.6 5.5 45.5

215 46.1 27.5 67.5



#70

Pentachlorophenol

Concen: 99.708 ng

RT: 11.157 min Scan# 1542

Delta R.T. 0.006 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

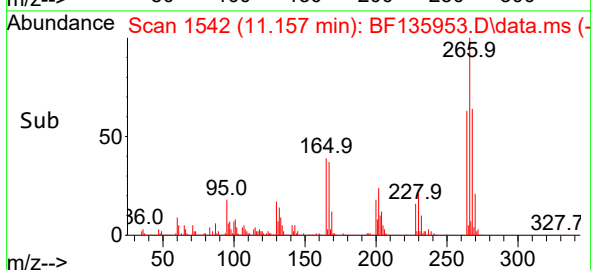
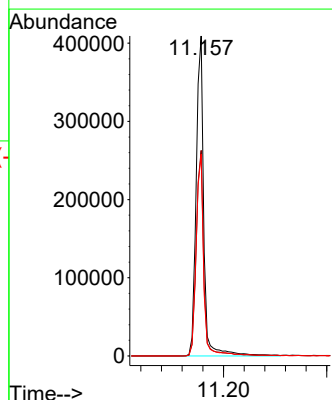
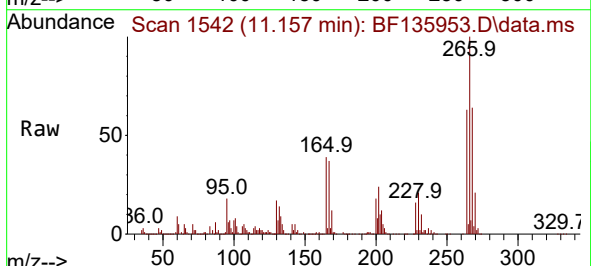
Tgt Ion:266 Resp: 416501

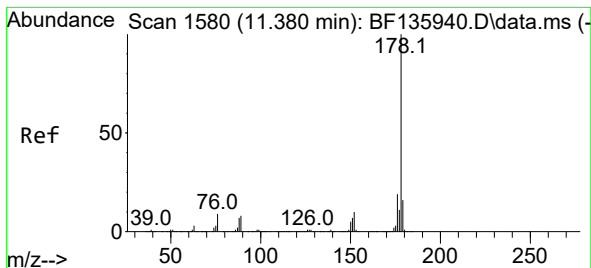
Ion Ratio Lower Upper

266 100

268 64.2 50.8 76.2

264 63.1 49.8 74.6





#71

Phenanthrene

Concen: 50.779 ng

RT: 11.380 min Scan# 1580

Delta R.T. -0.000 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS

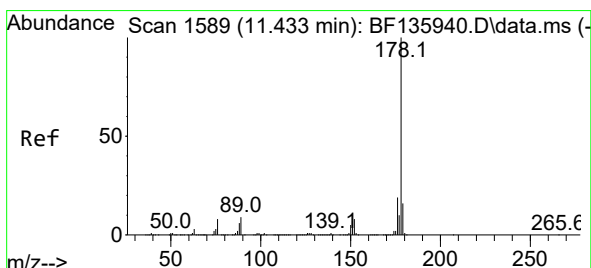
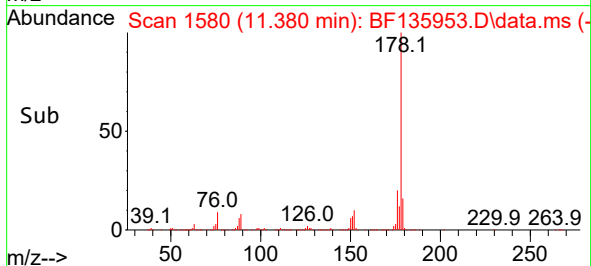
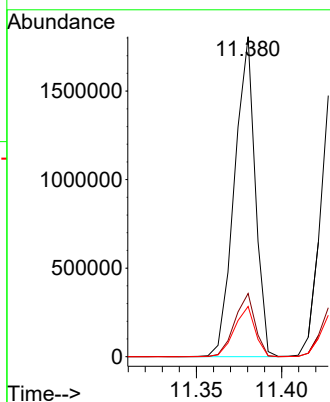
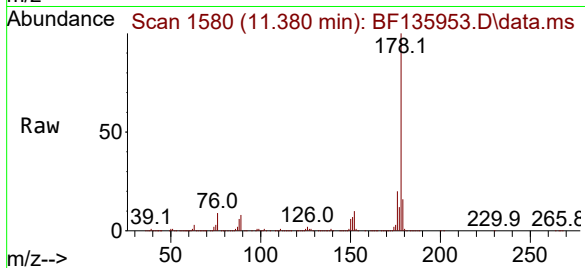
Tgt Ion:178 Resp: 1530277

Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.2

179 15.7 12.5 18.7



#72

Anthracene

Concen: 51.035 ng

RT: 11.433 min Scan# 1589

Delta R.T. -0.000 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

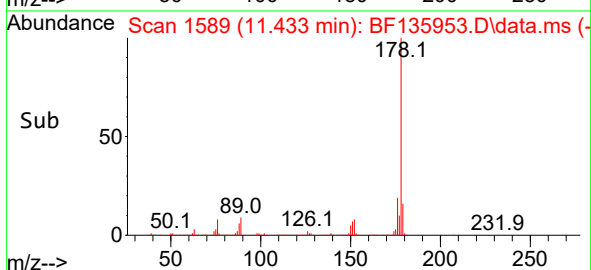
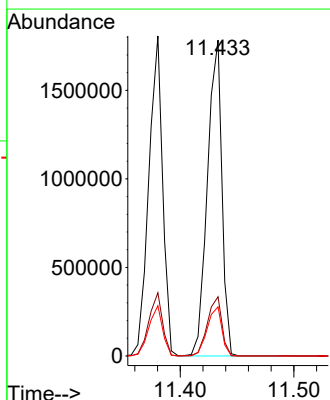
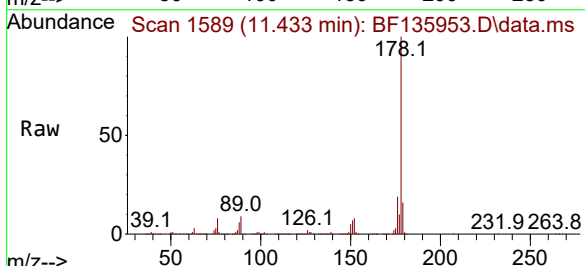
Tgt Ion:178 Resp: 1574815

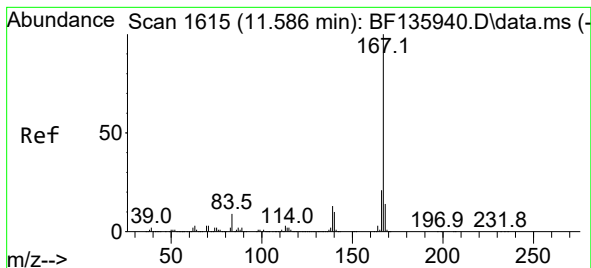
Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.6 12.5 18.7





#73

Carbazole

Concen: 51.189 ng

RT: 11.586 min Scan# 1615

Delta R.T. -0.000 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS

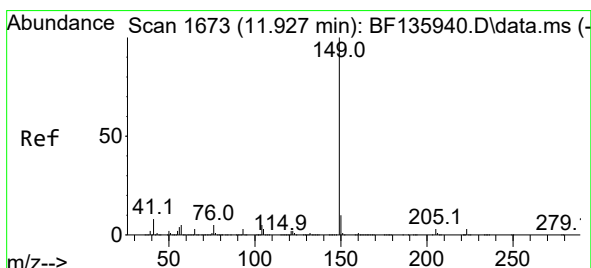
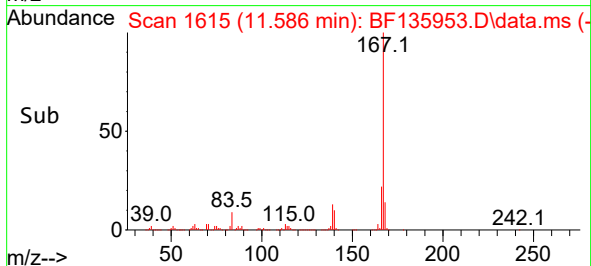
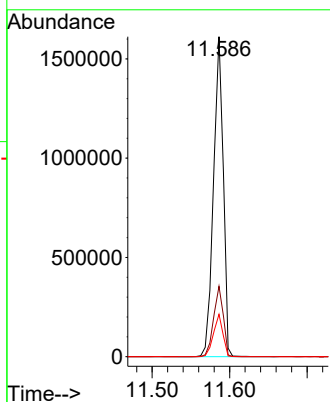
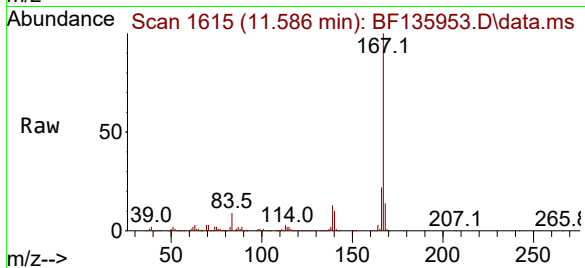
Tgt Ion:167 Resp: 1409049

Ion Ratio Lower Upper

167 100

166 22.0 17.0 25.6

139 13.3 10.4 15.6



#74

Di-n-butylphthalate

Concen: 52.959 ng

RT: 11.927 min Scan# 1673

Delta R.T. -0.000 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

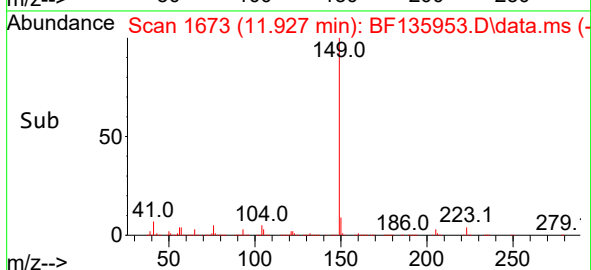
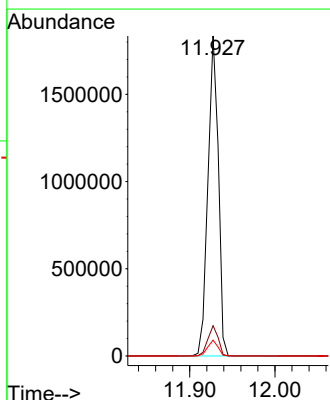
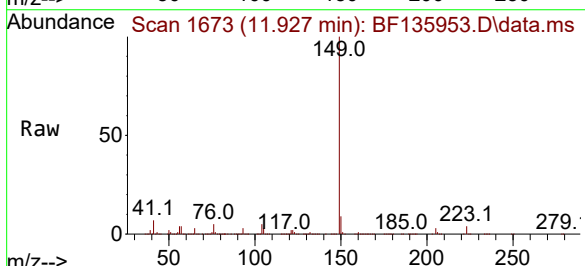
Tgt Ion:149 Resp: 1551234

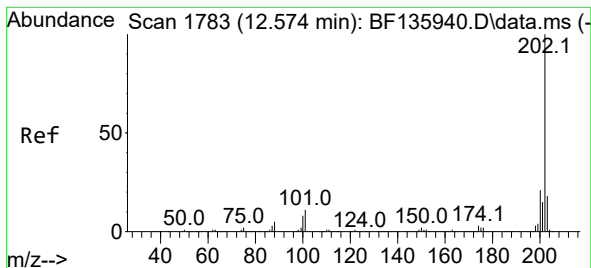
Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

104 5.0 3.9 5.9





#75

Fluoranthene

Concen: 51.617 ng

RT: 12.574 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS

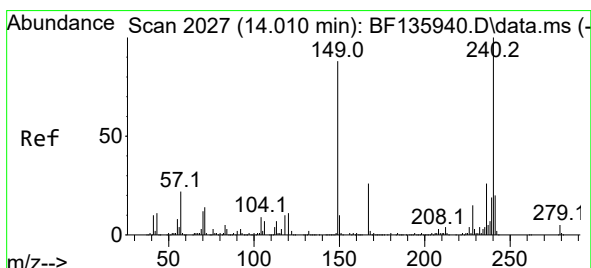
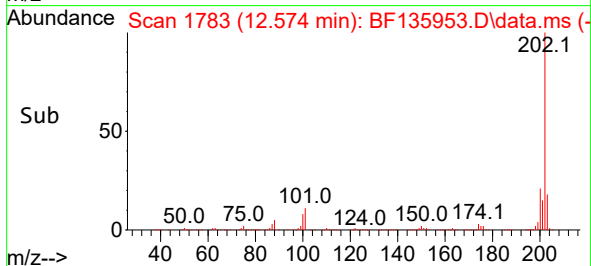
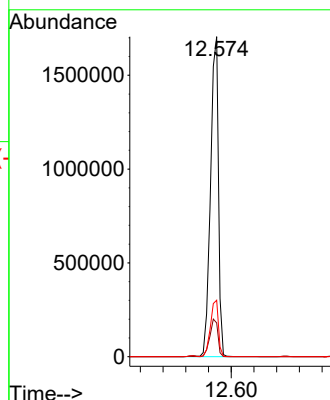
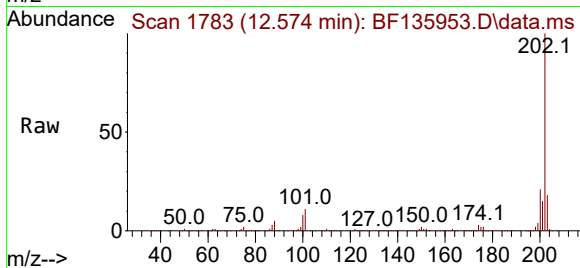
Tgt Ion:202 Resp: 1636516

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.6

203 17.7 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: BF135953.D

Acq: 25 Oct 2023 21:30

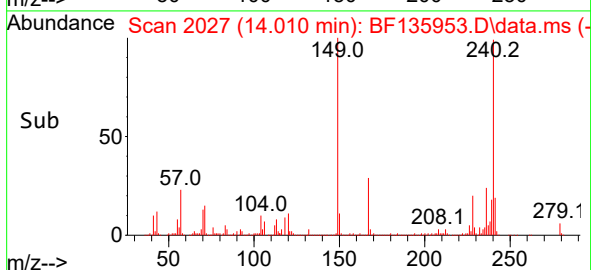
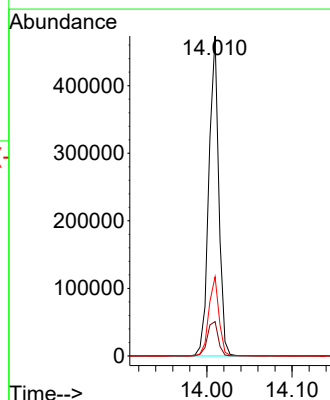
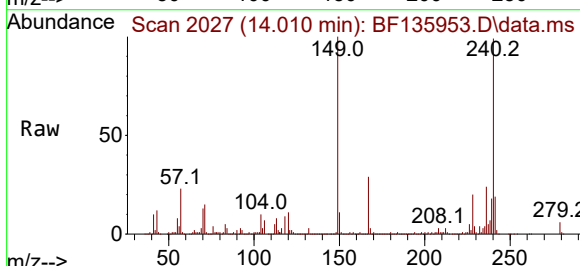
Tgt Ion:240 Resp: 382009

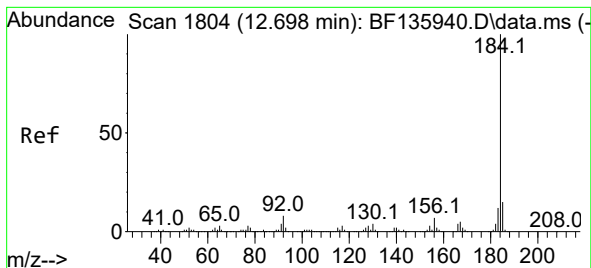
Ion Ratio Lower Upper

240 100

120 10.8 8.6 13.0

236 24.8 20.6 30.8





#77

Benzidine

Concen: 55.099 ng

RT: 12.698 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS

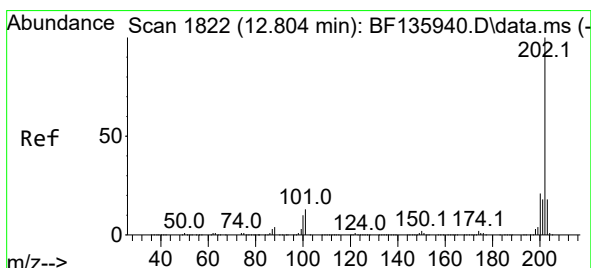
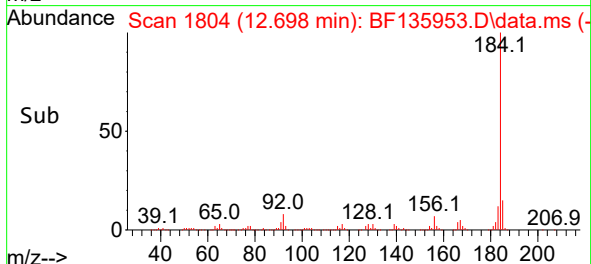
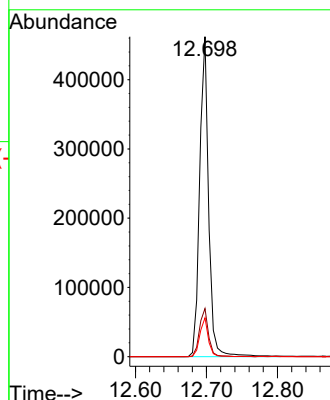
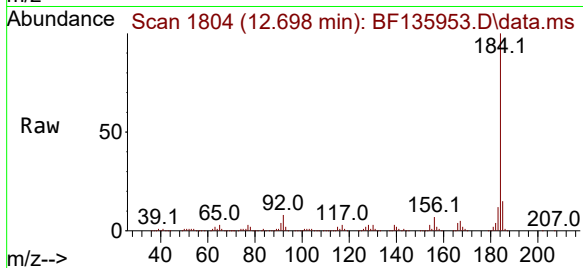
Tgt Ion:184 Resp: 405855

Ion Ratio Lower Upper

184 100

185 15.1 11.7 17.5

183 12.1 9.2 13.8



#78

Pyrene

Concen: 52.661 ng

RT: 12.804 min Scan# 1822

Delta R.T. -0.000 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

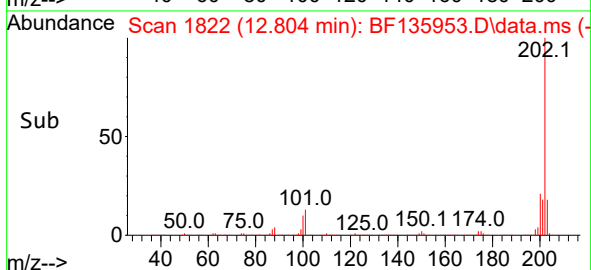
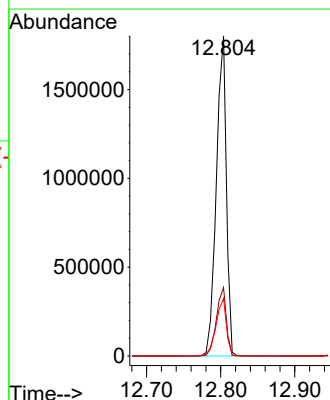
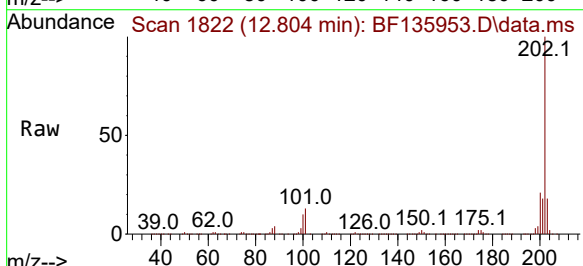
Tgt Ion:202 Resp: 1689113

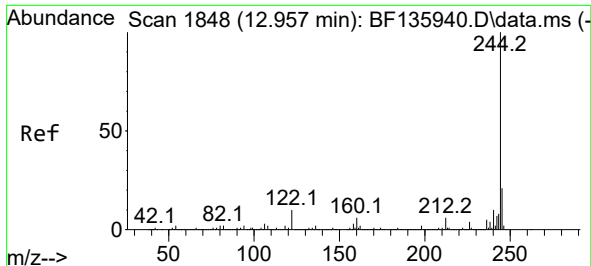
Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

203 17.9 14.5 21.7

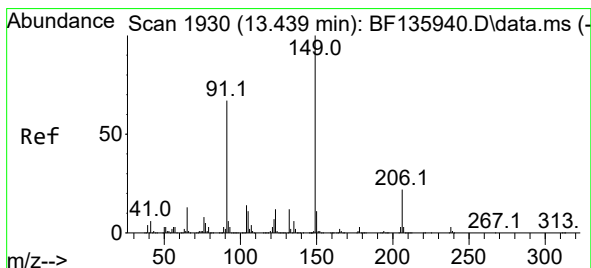
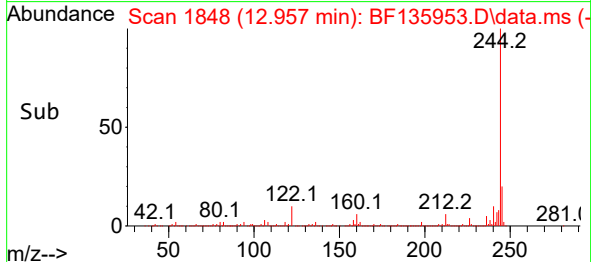
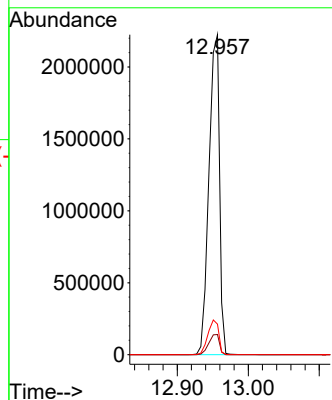
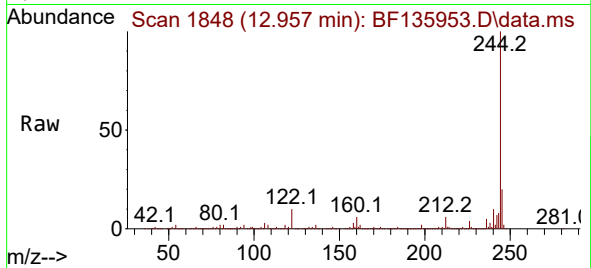




#79
 Terphenyl-d14
 Concen: 100.887 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF135953.D
 Acq: 25 Oct 2023 21:30

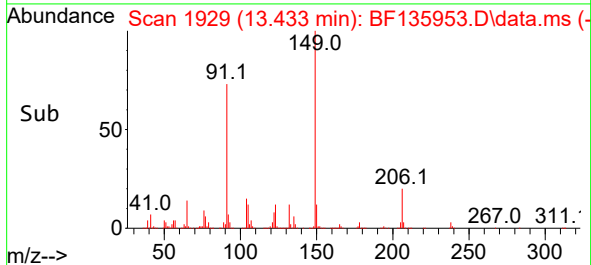
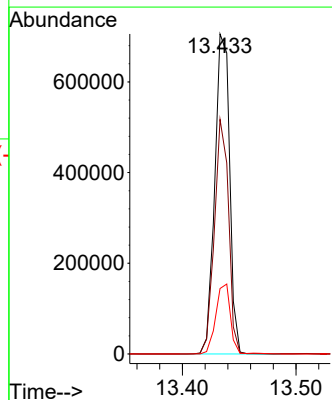
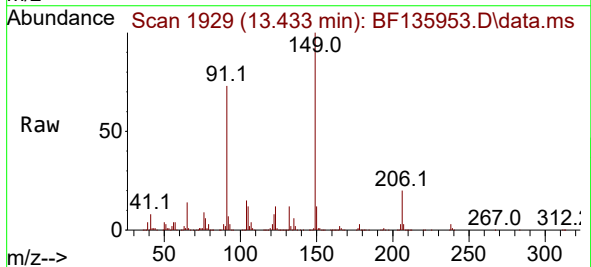
Instrument :
 BNA_F
 ClientSampleId :
 PB156273BS

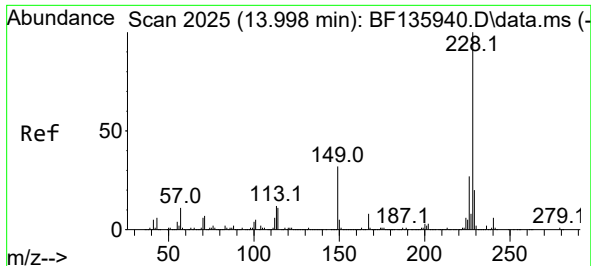
Tgt Ion:244 Resp: 2306691
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.6
 122 9.6 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 52.480 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. -0.006 min
 Lab File: BF135953.D
 Acq: 25 Oct 2023 21:30

Tgt Ion:149 Resp: 640869
 Ion Ratio Lower Upper
 149 100
 91 73.3 53.4 80.0
 206 20.5 17.5 26.3

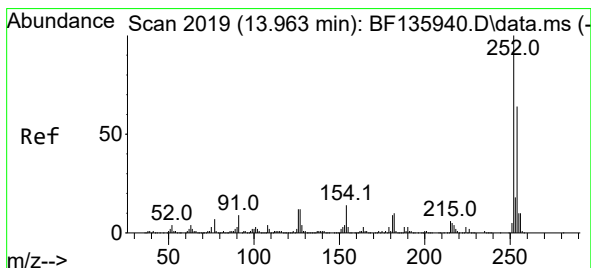
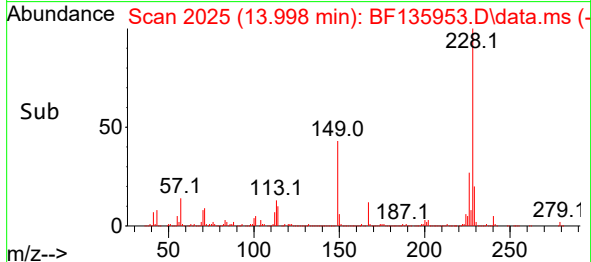
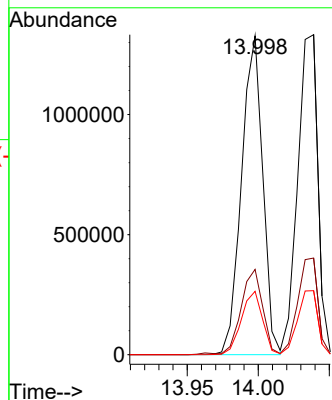
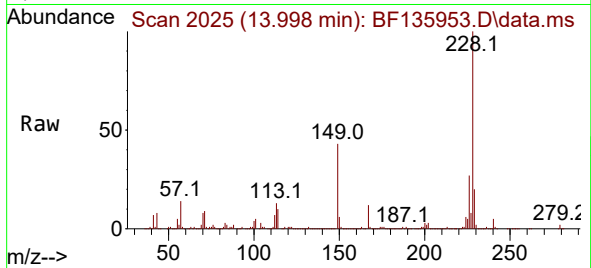




#81
Benzo(a)anthracene
Concen: 53.053 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

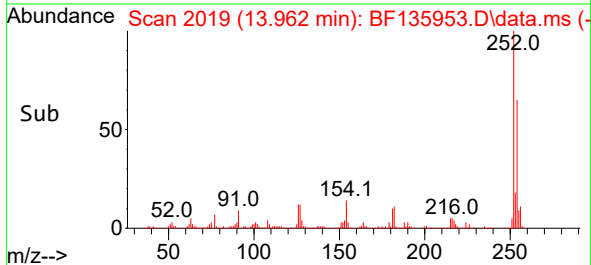
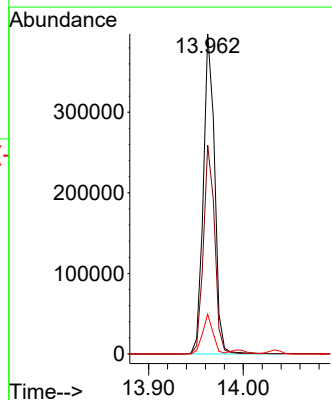
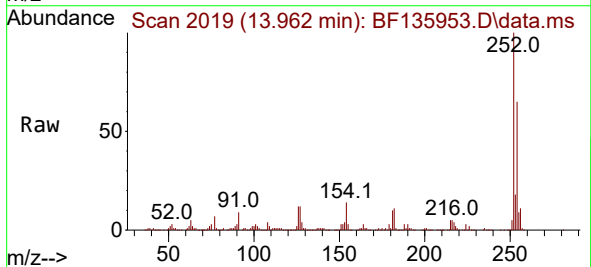
Instrument :
BNA_F
ClientSampleId :
PB156273BS

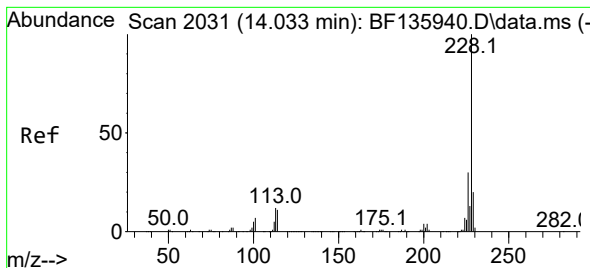
Tgt Ion:228 Resp: 1378031
Ion Ratio Lower Upper
228 100
226 26.7 21.8 32.6
229 19.9 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 41.634 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion:252 Resp: 329006
Ion Ratio Lower Upper
252 100
254 65.3 50.9 76.3
126 12.4 9.8 14.6





#83

Chrysene

Concen: 52.100 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS

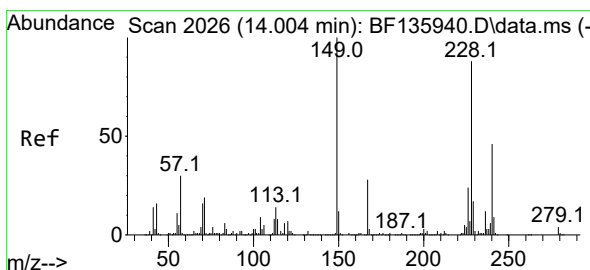
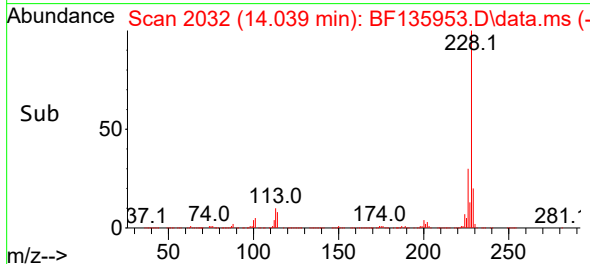
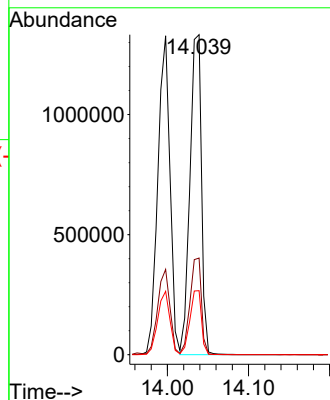
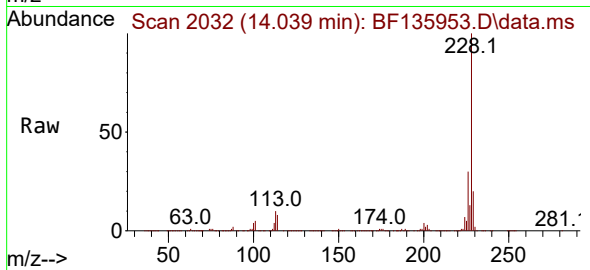
Tgt Ion:228 Resp: 1318026

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

229 20.0 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.416 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

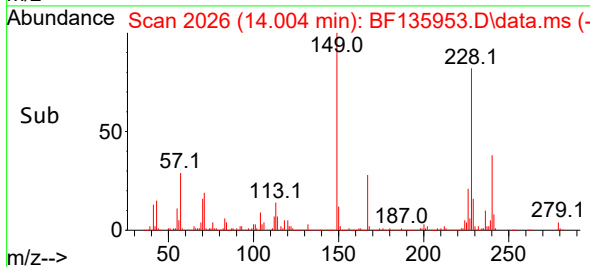
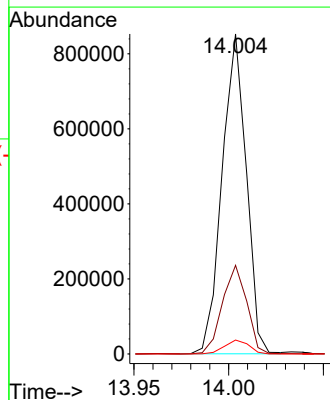
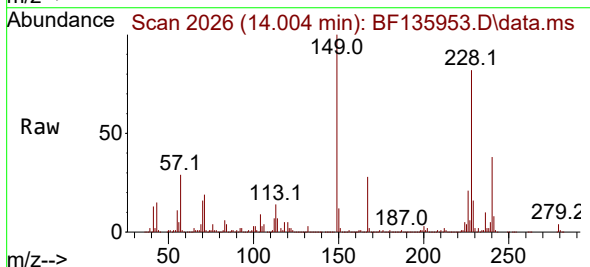
Tgt Ion:149 Resp: 757286

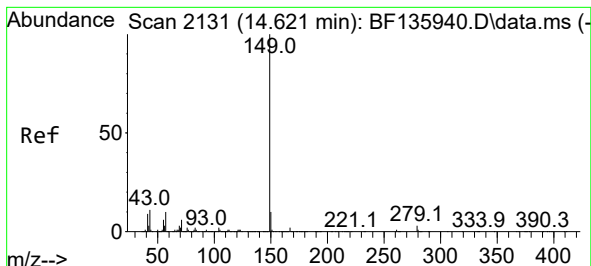
Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.2

279 4.4 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 60.379 ng

RT: 14.621 min Scan# 2131

Delta R.T. 0.000 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS

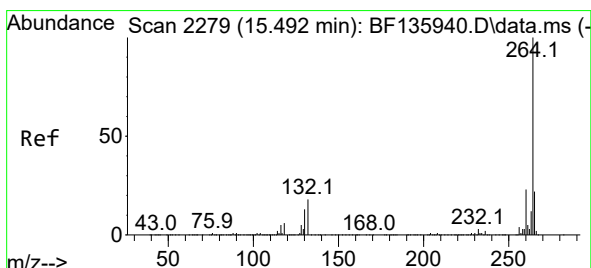
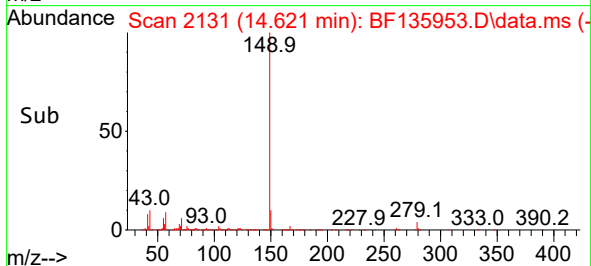
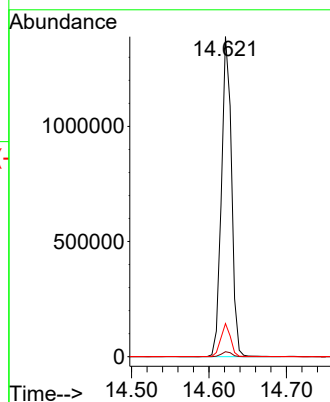
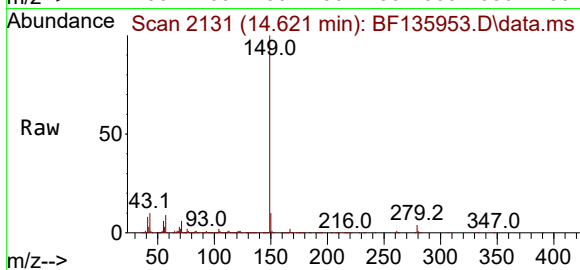
Tgt Ion:149 Resp: 1254522

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.1 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 2278

Delta R.T. -0.006 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

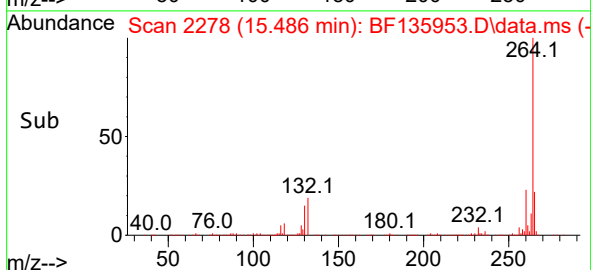
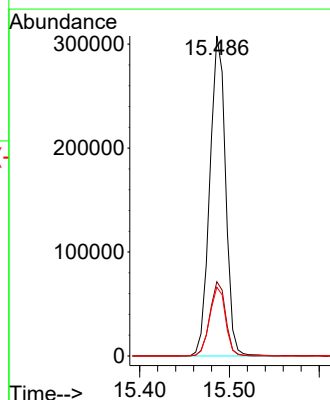
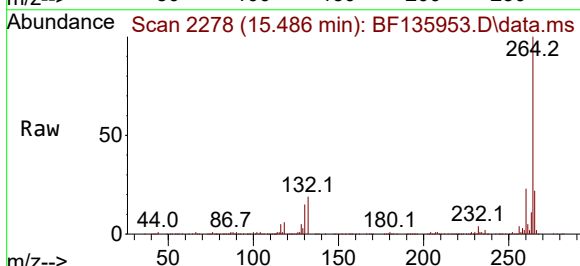
Tgt Ion:264 Resp: 375368

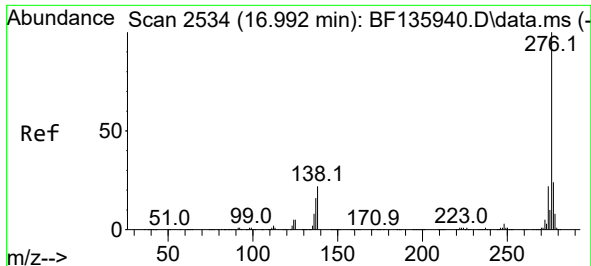
Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.5 17.3 25.9

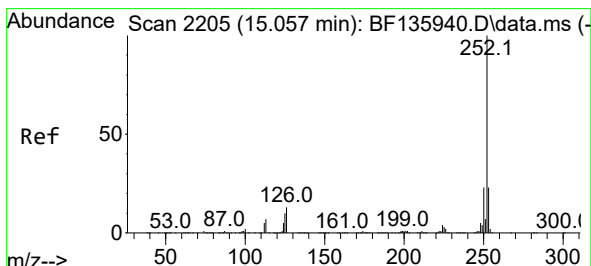
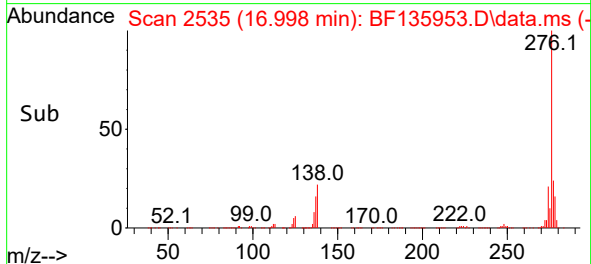
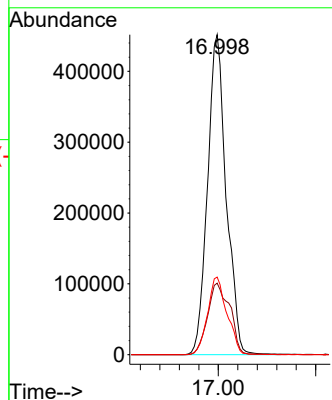
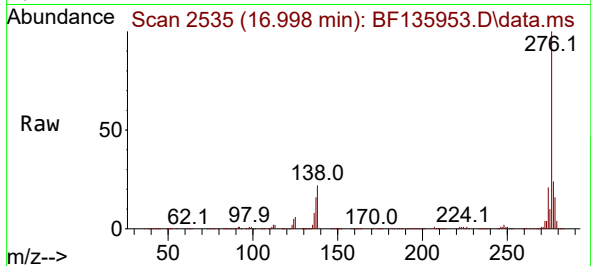




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 56.528 ng
 RT: 16.998 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF135953.D
 Acq: 25 Oct 2023 21:30

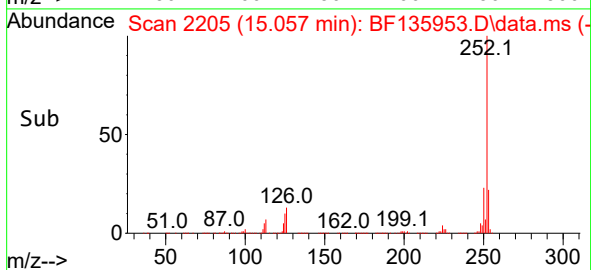
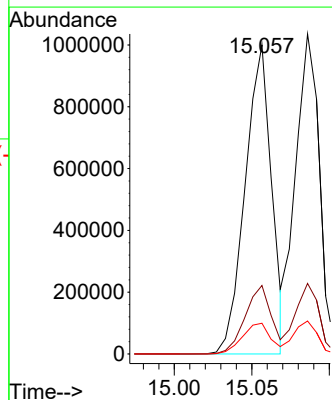
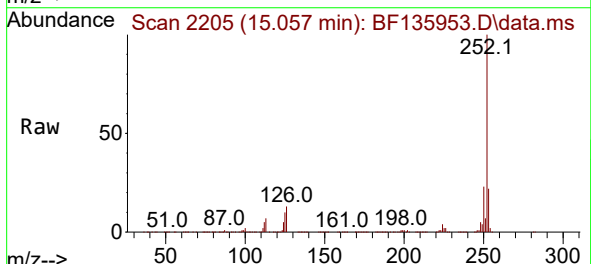
Instrument :
 BNA_F
 ClientSampleId :
 PB156273BS

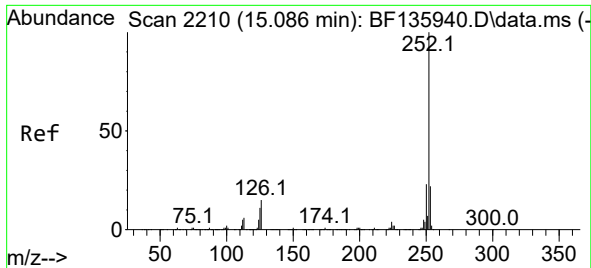
Tgt Ion:276 Resp: 1203185
 Ion Ratio Lower Upper
 276 100
 138 26.6 21.8 32.6
 277 25.3 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 53.032 ng
 RT: 15.057 min Scan# 2205
 Delta R.T. -0.000 min
 Lab File: BF135953.D
 Acq: 25 Oct 2023 21:30

Tgt Ion:252 Resp: 1184693
 Ion Ratio Lower Upper
 252 100
 253 22.2 18.0 27.0
 125 9.9 8.2 12.4

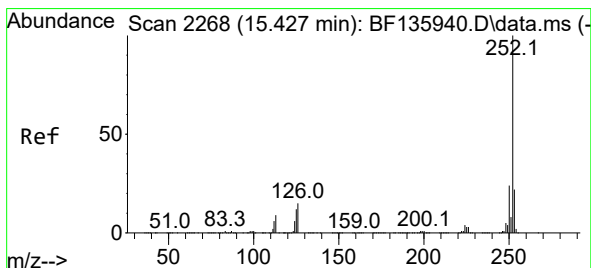
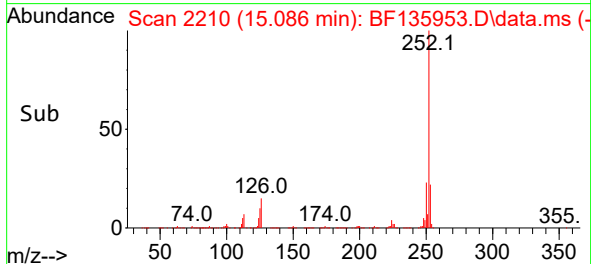
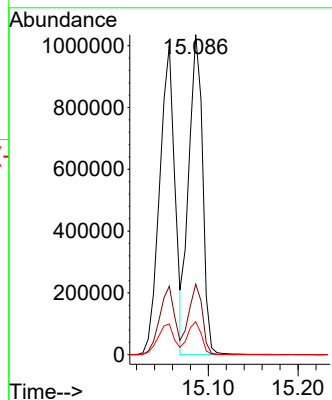
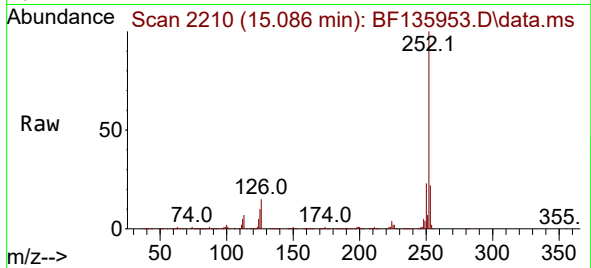




#89
Benzo(k)fluoranthene
Concen: 50.594 ng
RT: 15.086 min Scan# 2210
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

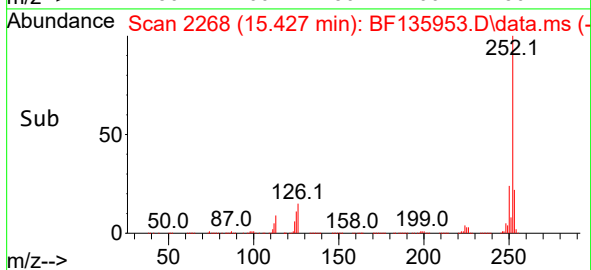
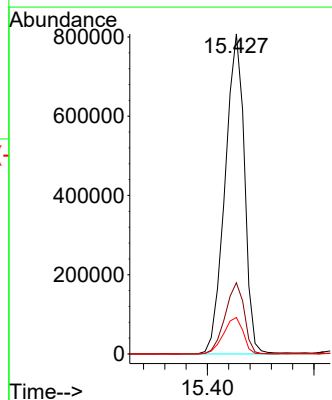
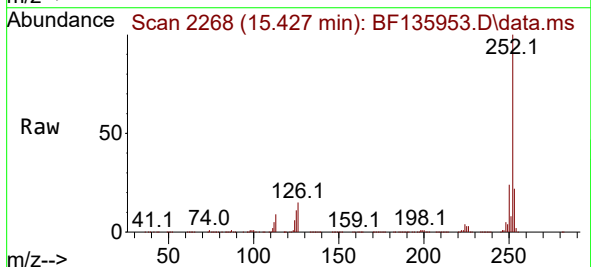
Instrument :
BNA_F
ClientSampleId :
PB156273BS

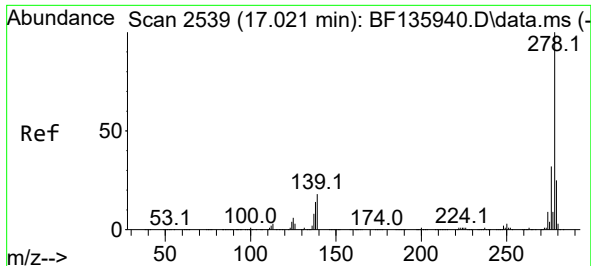
Tgt Ion:252 Resp: 1110025
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 10.3 8.5 12.7



#90
Benzo(a)pyrene
Concen: 49.469 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion:252 Resp: 1018499
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 11.4 9.6 14.4

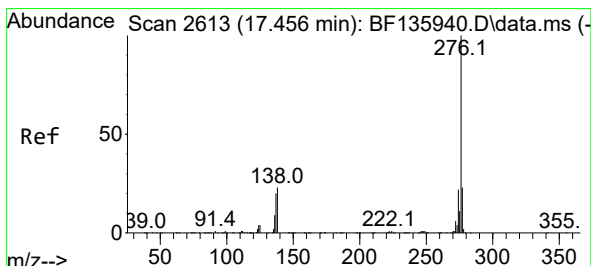
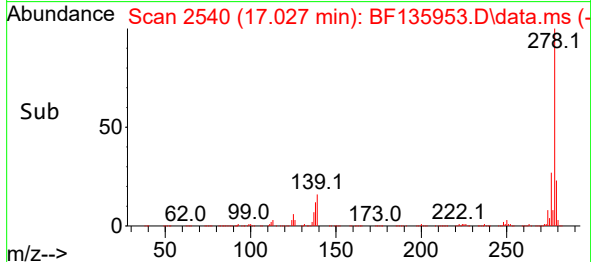
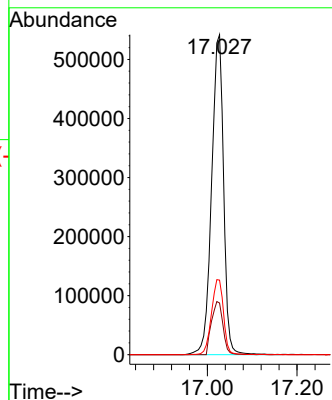
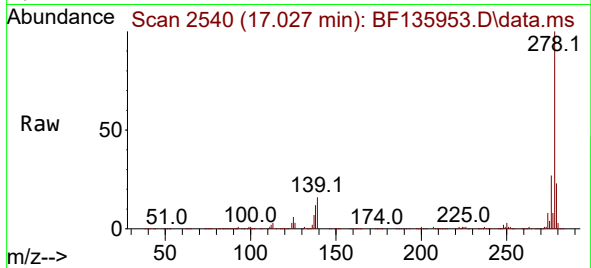




#91
Dibenzo(a,h)anthracene
Concen: 55.065 ng
RT: 17.027 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Instrument :
BNA_F
ClientSampleId :
PB156273BS

Tgt Ion:278 Resp: 1002508
Ion Ratio Lower Upper
278 100
139 16.1 14.0 21.0
279 23.3 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 46.210 ng
RT: 17.456 min Scan# 2613
Delta R.T. 0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion:276 Resp: 953397
Ion Ratio Lower Upper
276 100
277 23.3 18.6 28.0
138 22.6 18.4 27.6

