

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
 Data File : BF134939.D
 Acq On : 25 Aug 2023 14:06
 Operator : CG\JU
 Sample : PB155049BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155049BS

Quant Time: Aug 25 14:30:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 19:33:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	118953	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	489314	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	259589	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	495438	20.000	ng	0.00
76) Chrysene-d12	13.974	240	248833	20.000	ng	0.00
86) Perylene-d12	15.445	264	252052	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	964565	129.307	ng	0.01
7) Phenol-d6	6.434	99	1233736	129.433	ng	0.00
23) Nitrobenzene-d5	7.357	82	773230	87.076	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	400124	130.874	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1422889	84.735	ng	0.00
79) Terphenyl-d14	12.921	244	1705605	94.276	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	117639	36.338	ng	99
3) Pyridine	3.369	79	311511	35.708	ng	100
4) n-Nitrosodimethylamine	3.322	42	176809	45.839	ng	95
6) Aniline	6.457	93	392864	33.347	ng	97
8) 2-Chlorophenol	6.575	128	394650	50.420	ng	96
9) Benzaldehyde	6.345	77	148512	28.408	ng	96
10) Phenol	6.451	94	464947	47.643	ng	90
11) bis(2-Chloroethyl)ether	6.534	93	347836	46.987	ng	97
12) 1,3-Dichlorobenzene	6.734	146	397018	48.632	ng	97
13) 1,4-Dichlorobenzene	6.810	146	403218	49.348	ng	97
14) 1,2-Dichlorobenzene	6.957	146	386604	51.045	ng	100
15) Benzyl Alcohol	6.939	79	337222	50.917	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	488128	45.535	ng	99
17) 2-Methylphenol	7.051	107	310599	45.850	ng	99
18) Hexachloroethane	7.298	117	146454	49.525	ng	95
19) n-Nitroso-di-n-propyla...	7.210	70	253982	45.623	ng	98
20) 3+4-Methylphenols	7.204	107	368624	51.696	ng	96
22) Acetophenone	7.204	105	502089	46.425	ng	97
24) Nitrobenzene	7.375	77	396633	44.514	ng	99
25) Isophorone	7.616	82	723593	43.639	ng	100
26) 2-Nitrophenol	7.686	139	210066	47.355	ng	100
27) 2,4-Dimethylphenol	7.728	122	320362	44.278	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	435522	44.069	ng	100
29) 2,4-Dichlorophenol	7.933	162	326454	45.666	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	349795	46.090	ng	99
31) Naphthalene	8.092	128	1107244	45.318	ng	99
32) Benzoic acid	7.863	122	263603	49.368	ng	99
33) 4-Chloroaniline	8.145	127	204404	19.498	ng	98
34) Hexachlorobutadiene	8.210	225	205141	45.448	ng	97
35) Caprolactam	8.516	113	55014	24.652	ng	97
36) 4-Chloro-3-methylphenol	8.633	107	357384	47.374	ng	99
37) 2-Methylnaphthalene	8.786	142	705691	43.310	ng	98
38) 1-Methylnaphthalene	8.886	142	675850	44.359	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	341113	43.124	ng	99
41) Hexachlorocyclopentadiene	8.939	237	346133	98.836	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	235794	45.136	ng	98

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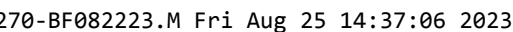
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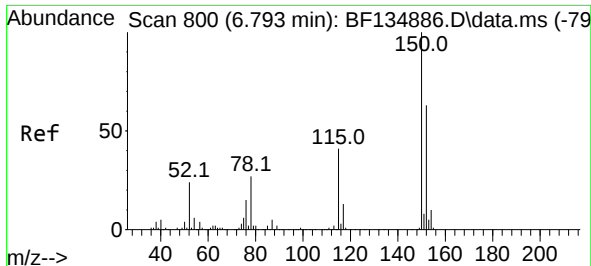
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	256812	42.461	ng	97
46) 1,1'-Biphenyl	9.251	154	901377	43.982	ng	99
47) 2-Chloronaphthalene	9.275	162	693261	45.296	ng	99
48) 2-Nitroaniline	9.375	65	226925	45.104	ng	96
49) Acenaphthylene	9.692	152	1078625	45.763	ng	100
50) Dimethylphthalate	9.563	163	838217	45.363	ng	99
51) 2,6-Dinitrotoluene	9.622	165	191202	46.916	ng	95
52) Acenaphthene	9.863	154	645269	43.457	ng	99
53) 3-Nitroaniline	9.792	138	143446	32.226	ng	96
54) 2,4-Dinitrophenol	9.904	184	207552	107.635	ng	94
55) Dibenzofuran	10.039	168	953532	44.108	ng	96
56) 4-Nitrophenol	9.963	139	306456	98.792	ng	96
57) 2,4-Dinitrotoluene	10.027	165	251584	49.917	ng	91
58) Fluorene	10.380	166	753512	45.956	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	224715	47.688	ng	99
60) Diethylphthalate	10.263	149	802695	47.415	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	365754	44.499	ng	96
62) 4-Nitroaniline	10.410	138	204647	49.180	ng	99
63) Azobenzene	10.539	77	761180	45.260	ng	96
65) 4,6-Dinitro-2-methylph...	10.439	198	145532	49.782	ng	92
66) n-Nitrosodiphenylamine	10.498	169	694815	43.550	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	245733	42.991	ng	94
68) Hexachlorobenzene	10.927	284	283020	46.557	ng	94
69) Atrazine	11.033	200	247076	57.030	ng	99
70) Pentachlorophenol	11.127	266	276907	75.691	ng	99
71) Phenanthrene	11.351	178	1181429	45.506	ng	100
72) Anthracene	11.398	178	1202904	45.221	ng	100
73) Carbazole	11.557	167	1057668	48.253	ng	99
74) Di-n-butylphthalate	11.892	149	1258888	50.077	ng	99
75) Fluoranthene	12.539	202	1209188	49.156	ng	99
77) Benzidine	12.668	184	292940	72.559	ng	99
78) Pyrene	12.774	202	1208853	45.820	ng	99
80) Butylbenzylphthalate	13.398	149	440344	54.782	ng	98
81) Benzo(a)anthracene	13.968	228	793306	46.727	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	203265	37.828	ng	# 98
83) Chrysene	14.004	228	770554	46.001	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	494207	56.758	ng	99
85) Di-n-octyl phthalate	14.580	149	751273	52.912	ng	98
87) Indeno(1,2,3-cd)pyrene	16.945	276	878912	48.784	ng	99
88) Benzo(b)fluoranthene	15.015	252	759499	53.408	ng	99
89) Benzo(k)fluoranthene	15.051	252	673135	48.204	ng	98
90) Benzo(a)pyrene	15.386	252	666686	46.962	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	721134	49.469	ng	100
92) Benzo(g,h,i)perylene	17.398	276	704830	47.232	ng	100

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

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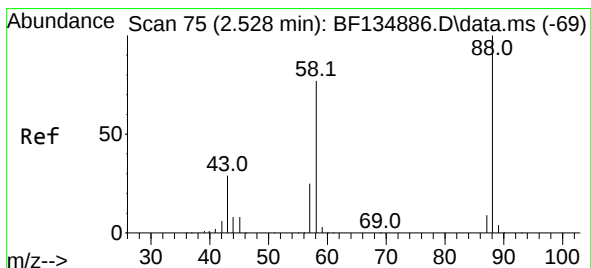
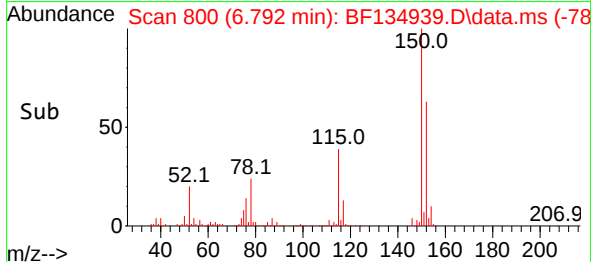
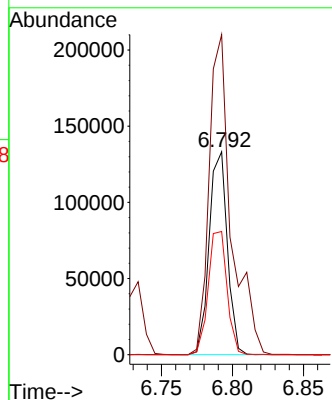
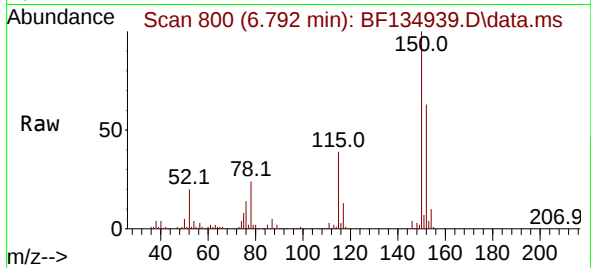




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 80
 Delta R.T. -0.001 min
 Lab File: BF134939.D
 Acq: 25 Aug 2023 14:06

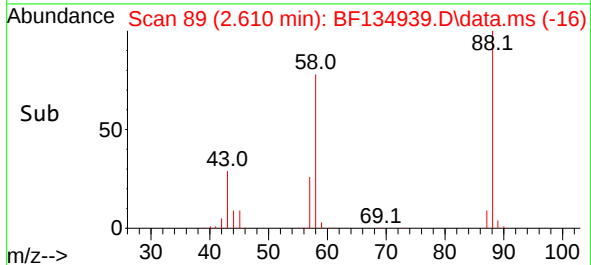
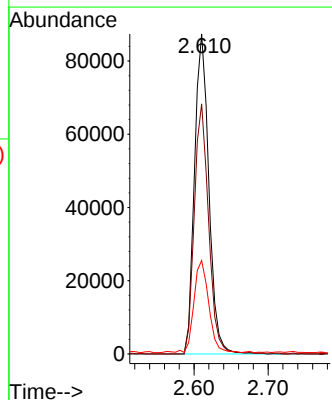
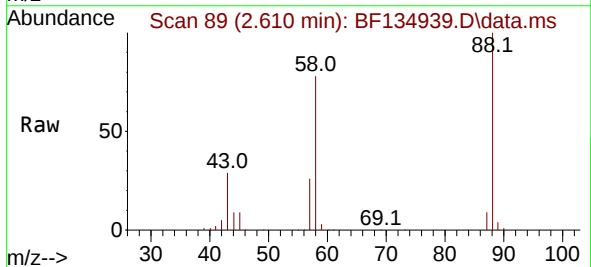
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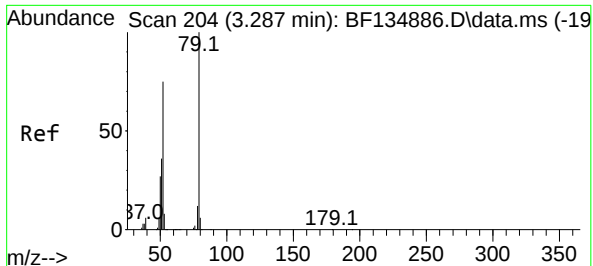
Tgt Ion:152 Resp: 118953
 Ion Ratio Lower Upper
 152 100
 150 157.7 126.1 189.1
 115 60.7 51.1 76.7



#2
 1,4-Dioxane
 Concen: 36.338 ng
 RT: 2.610 min Scan# 89
 Delta R.T. 0.082 min
 Lab File: BF134939.D
 Acq: 25 Aug 2023 14:06

Tgt Ion: 88 Resp: 117639
 Ion Ratio Lower Upper
 88 100
 58 77.9 62.6 93.8
 43 29.8 23.3 34.9

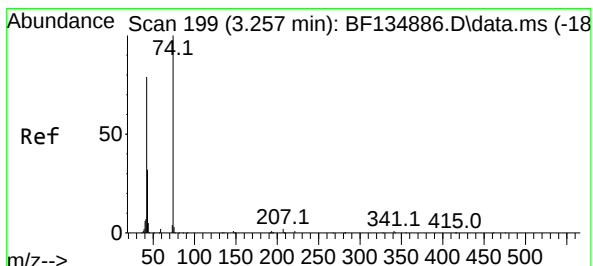
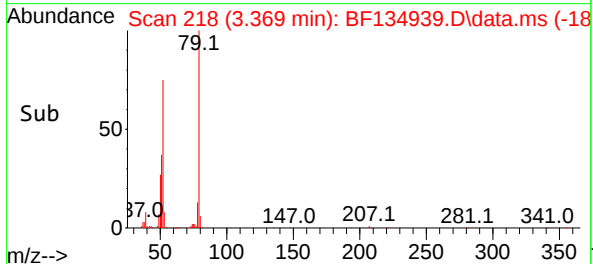
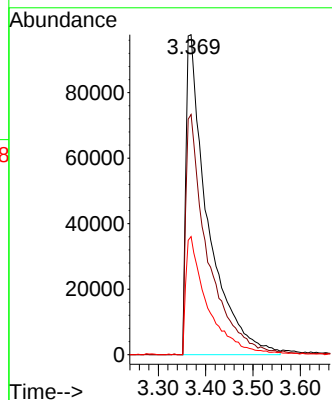
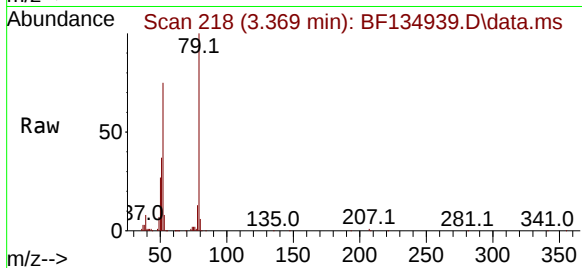




#3
Pyridine
Concen: 35.708 ng
RT: 3.369 min Scan# 21
Delta R.T. 0.082 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

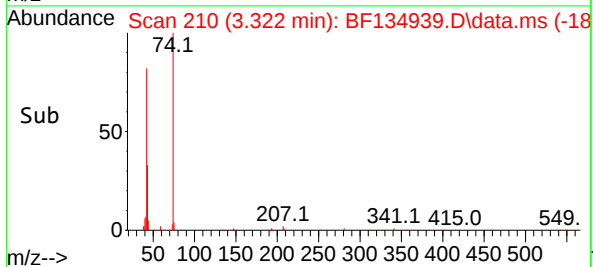
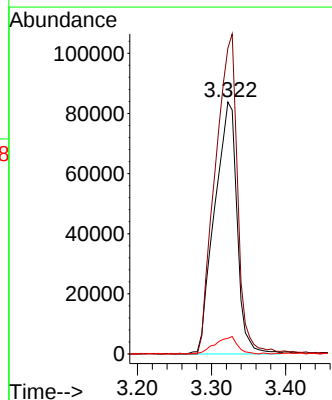
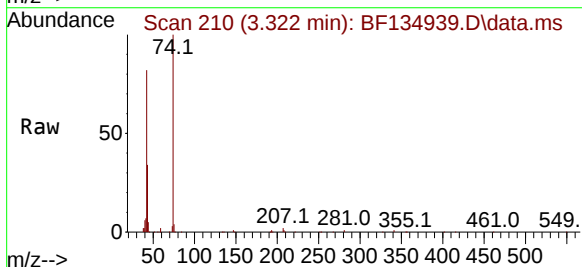
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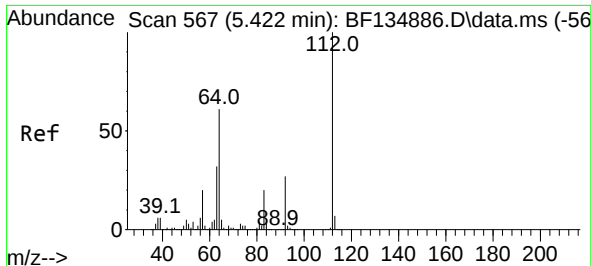
Tgt Ion: 79 Resp: 311511
Ion Ratio Lower Upper
79 100
52 75.1 60.1 90.1
51 36.9 29.4 44.0



#4
n-Nitrosodimethylamine
Concen: 45.839 ng
RT: 3.322 min Scan# 210
Delta R.T. 0.065 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

Tgt Ion: 42 Resp: 176809
Ion Ratio Lower Upper
42 100
74 121.4 101.8 152.8
44 6.2 5.4 8.0

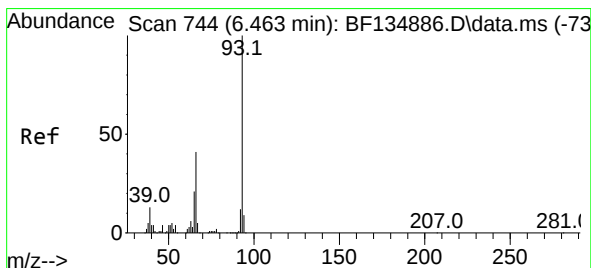
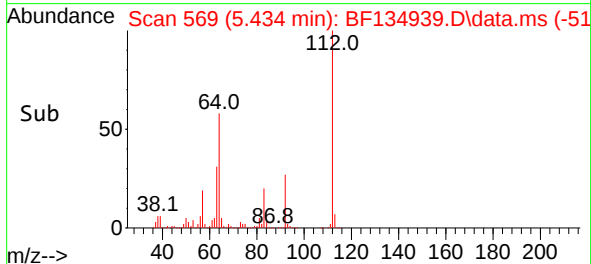
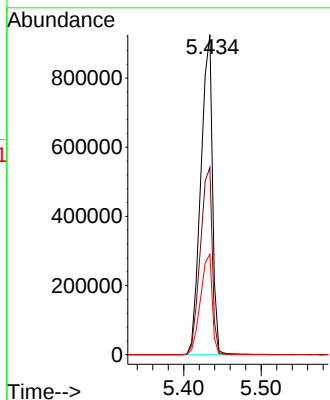
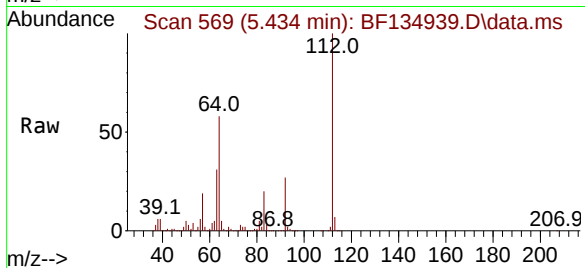




#5
2-Fluorophenol
Concen: 129.307 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

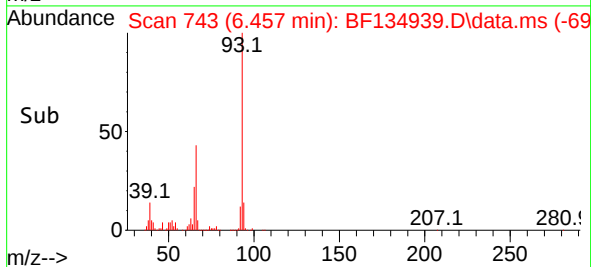
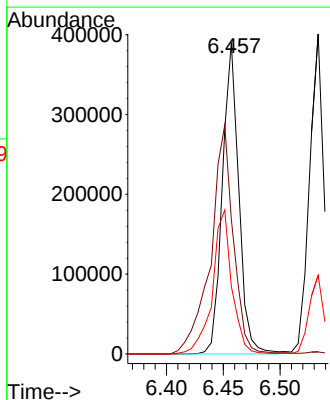
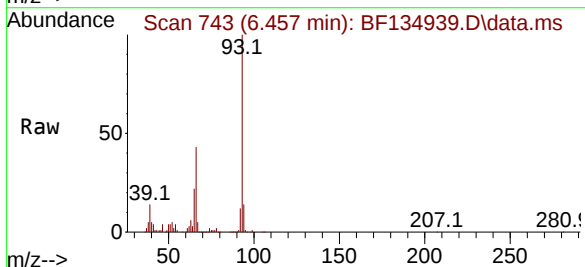
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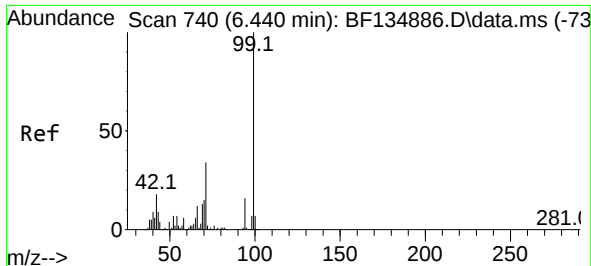
Tgt Ion:112 Resp: 964565
Ion Ratio Lower Upper
112 100
64 58.5 48.6 73.0
63 31.4 25.7 38.5



#6
Aniline
Concen: 33.347 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

Tgt Ion: 93 Resp: 392864
Ion Ratio Lower Upper
93 100
66 43.3 32.7 49.1
65 21.8 16.7 25.1

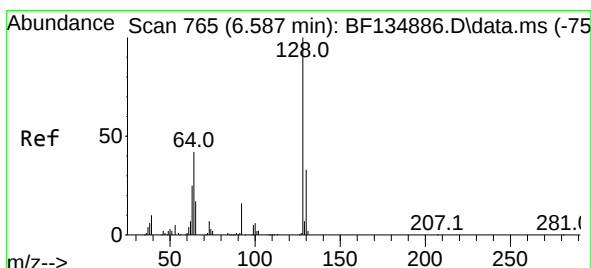
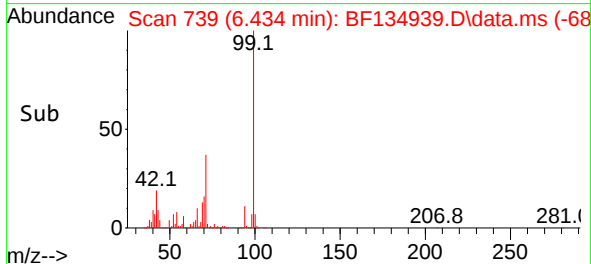
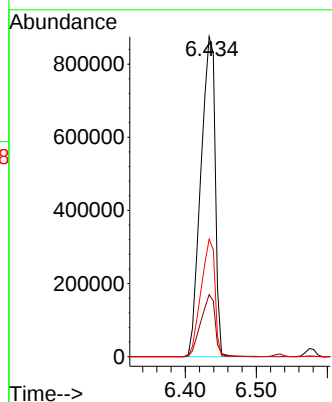
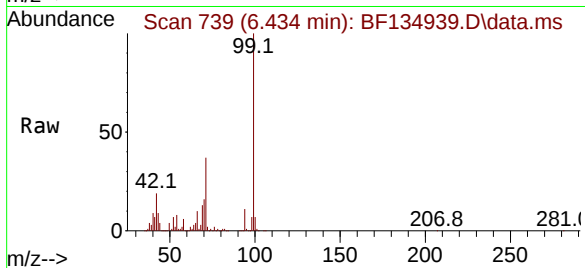




#7
Phenol-d6
Concen: 129.433 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

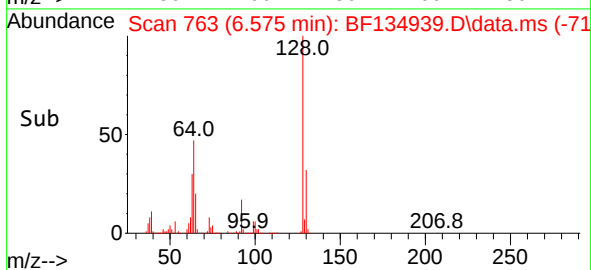
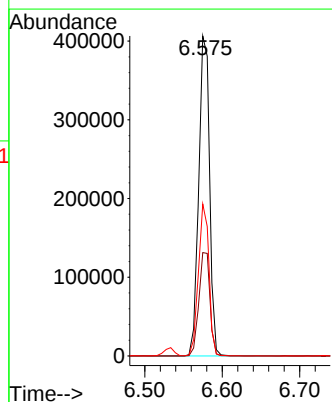
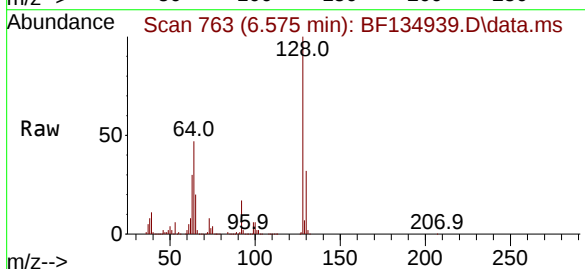
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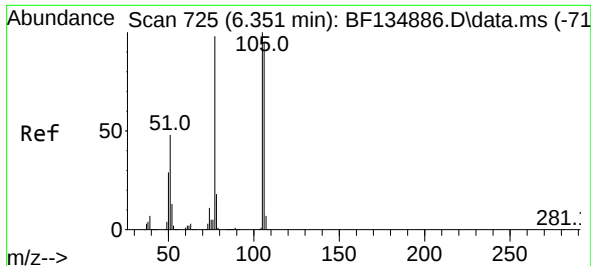
Tgt Ion: 99 Resp: 1233736
Ion Ratio Lower Upper
99 100
42 19.4 14.6 22.0
71 36.7 27.6 41.4



#8
2-Chlorophenol
Concen: 50.420 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

Tgt Ion:128 Resp: 394650
Ion Ratio Lower Upper
128 100
130 32.3 13.0 53.0
64 47.5 23.4 63.4





#9

Benzaldehyde

Concen: 28.408 ng

RT: 6.345 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF134939.D

Acq: 25 Aug 2023 14:06

Instrument :

BNA_F

ClientSampleId :

PB155049BS

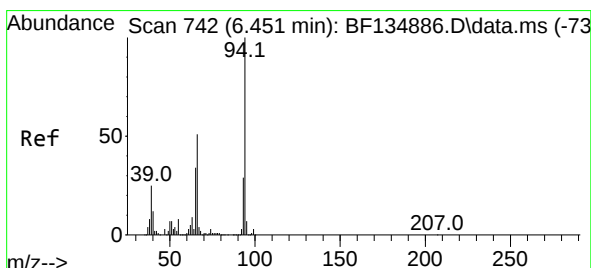
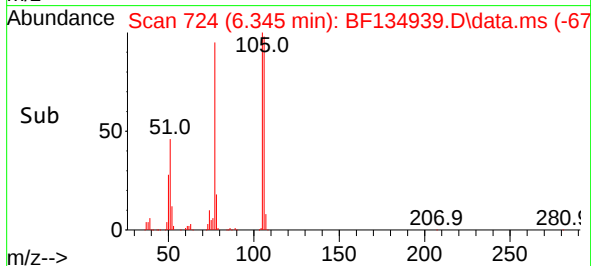
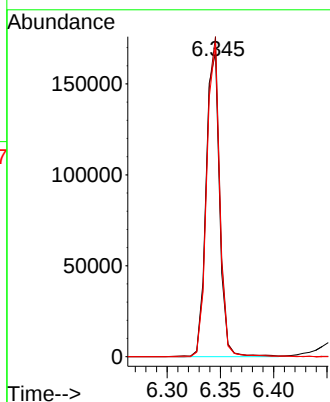
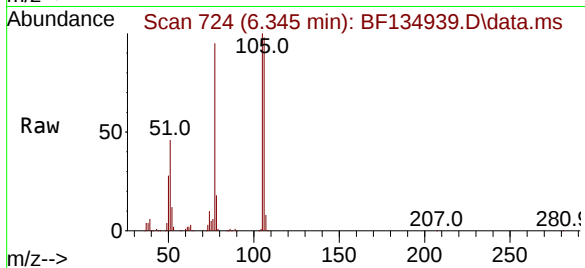
Tgt Ion: 77 Resp: 148512

Ion Ratio Lower Upper

77 100

105 105.2 82.4 122.4

106 103.2 77.2 117.2



#10

Phenol

Concen: 47.643 ng

RT: 6.451 min Scan# 742

Delta R.T. -0.000 min

Lab File: BF134939.D

Acq: 25 Aug 2023 14:06

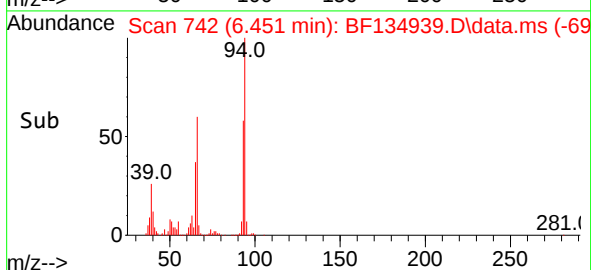
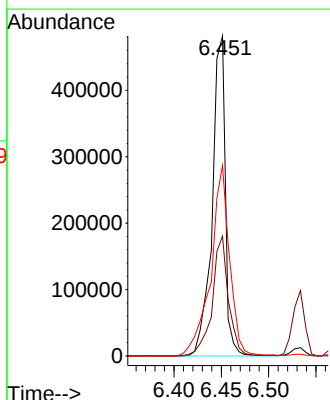
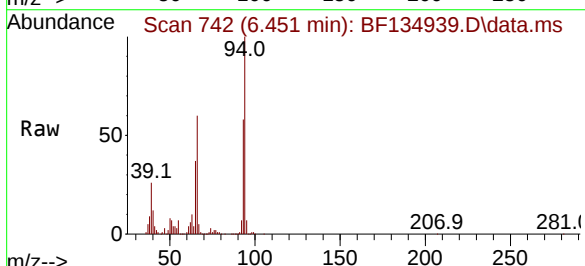
Tgt Ion: 94 Resp: 464947

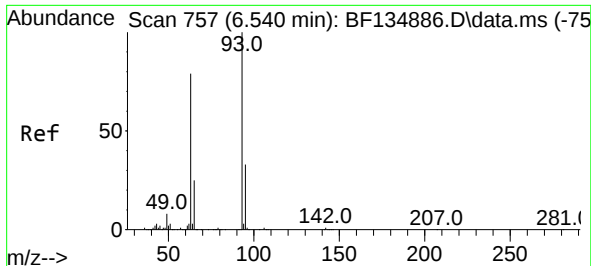
Ion Ratio Lower Upper

94 100

65 37.5 14.0 54.0

66 59.5 31.1 71.1

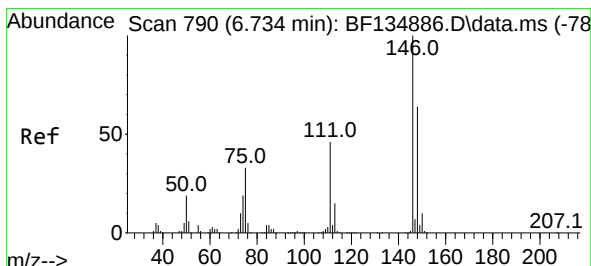
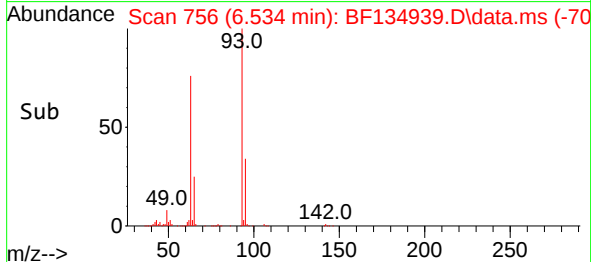
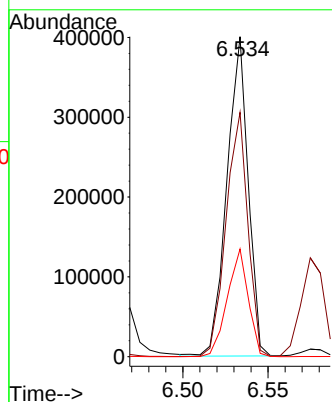
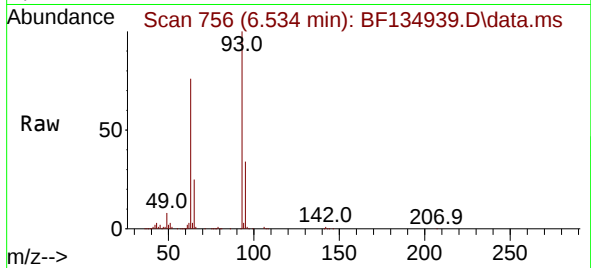




#11
bis(2-Chloroethyl)ether
Concen: 46.987 ng
RT: 6.534 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

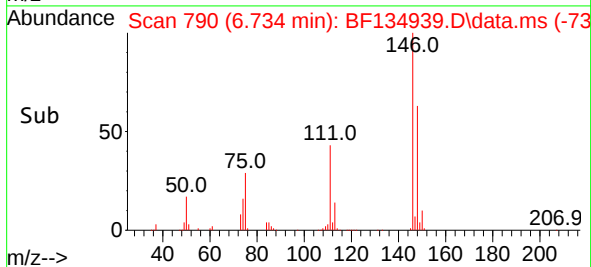
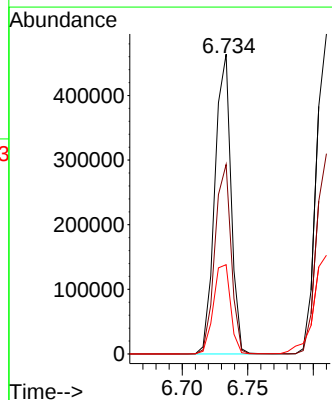
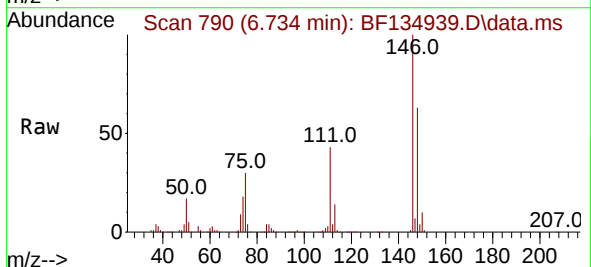
Instrument :
BNA_F
ClientSampleId :
PB155049BS

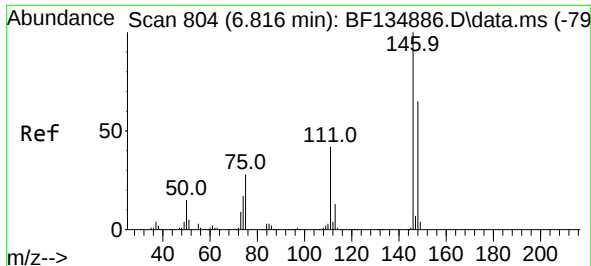
Tgt Ion: 93 Resp: 347836
Ion Ratio Lower Upper
93 100
63 76.3 58.7 98.7
95 33.6 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 48.632 ng
RT: 6.734 min Scan# 790
Delta R.T. -0.000 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

Tgt Ion: 146 Resp: 397018
Ion Ratio Lower Upper
146 100
148 63.2 51.2 76.8
75 29.8 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 49.348 ng

RT: 6.810 min Scan# 804

Delta R.T. -0.006 min

Lab File: BF134939.D

Acq: 25 Aug 2023 14:06

Instrument :

BNA_F

ClientSampleId :

PB155049BS

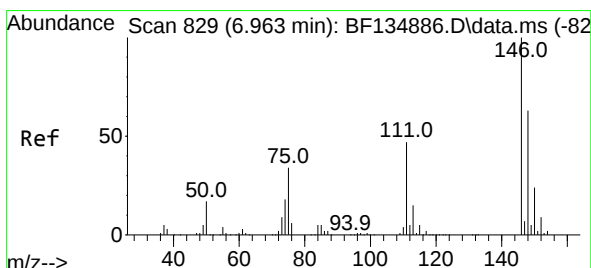
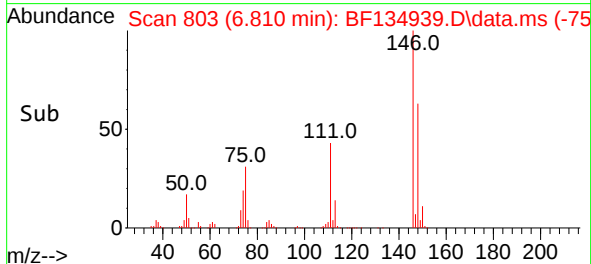
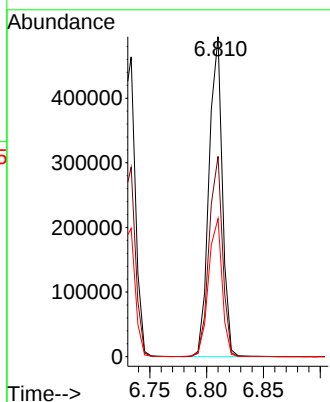
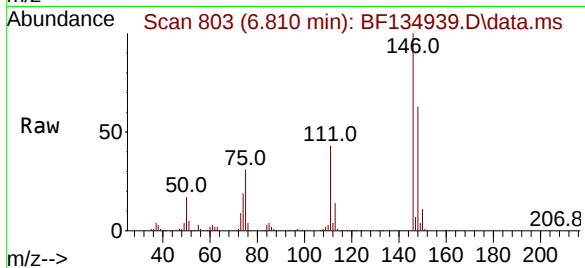
Tgt Ion:146 Resp: 403218

Ion Ratio Lower Upper

146 100

148 62.6 52.1 78.1

111 43.2 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 51.045 ng

RT: 6.957 min Scan# 828

Delta R.T. -0.006 min

Lab File: BF134939.D

Acq: 25 Aug 2023 14:06

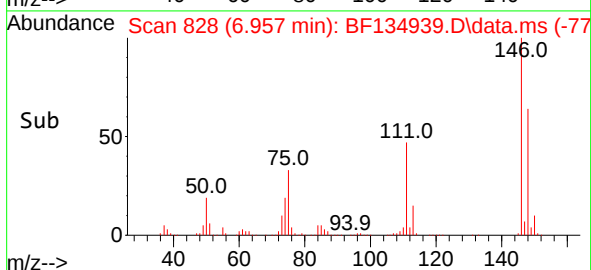
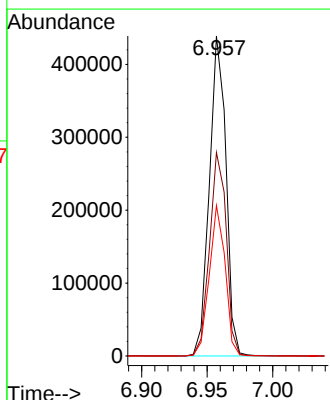
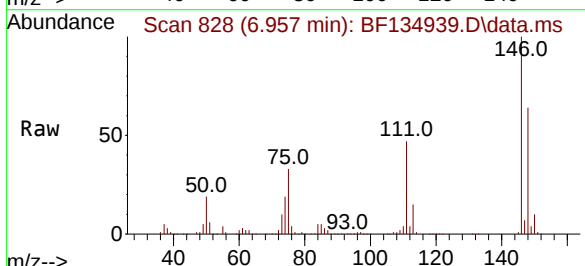
Tgt Ion:146 Resp: 386604

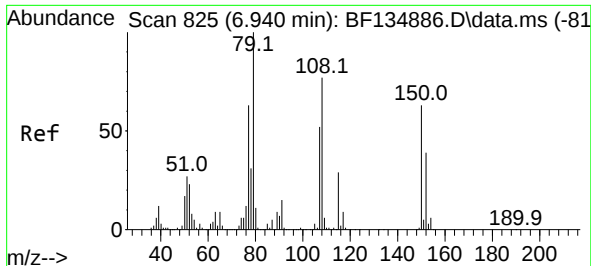
Ion Ratio Lower Upper

146 100

148 63.6 50.5 75.7

111 47.0 37.5 56.3

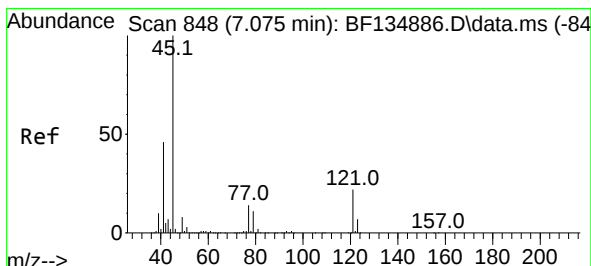
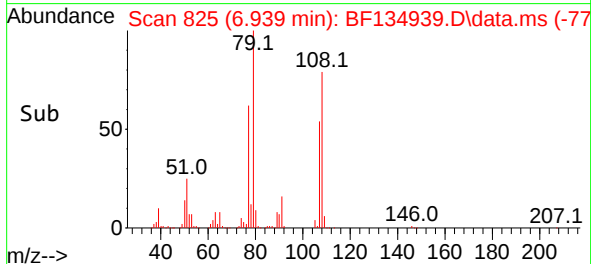
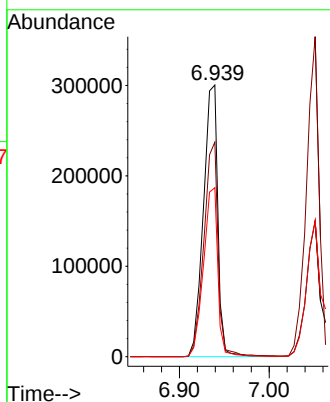
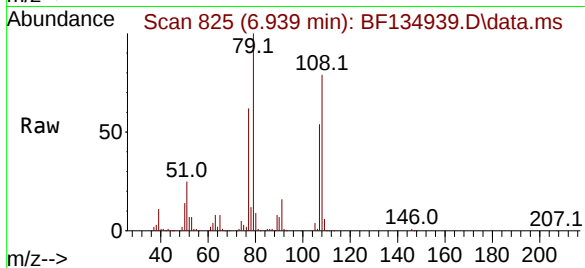




#15
Benzyl Alcohol
Concen: 50.917 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

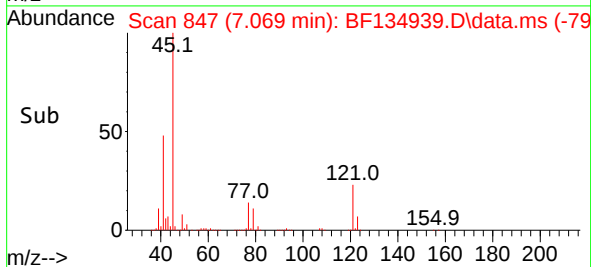
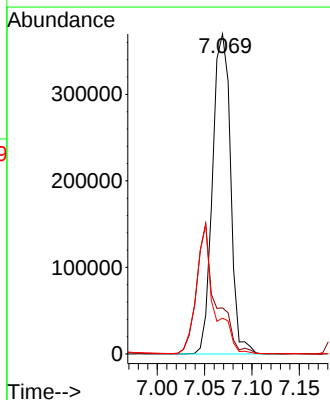
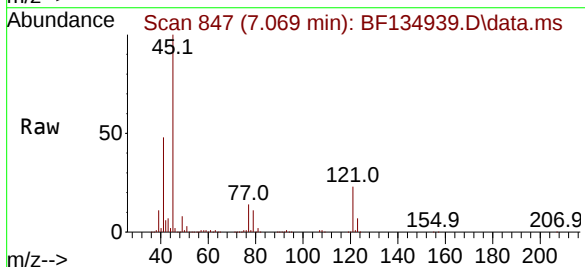
Instrument :
BNA_F
ClientSampleId :
PB155049BS

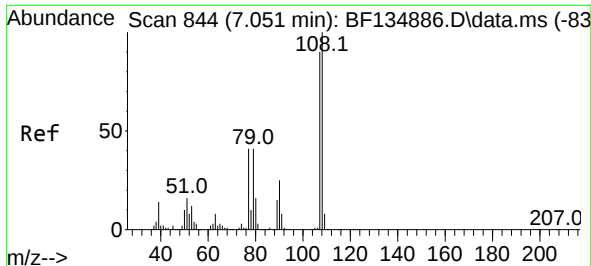
Tgt Ion: 79 Resp: 337222
Ion Ratio Lower Upper
79 100
108 79.0 61.4 92.2
77 62.2 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.535 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

Tgt Ion: 45 Resp: 488128
Ion Ratio Lower Upper
45 100
77 14.4 0.0 33.9
79 11.2 0.0 31.1

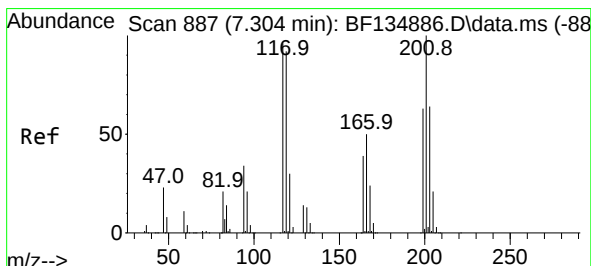
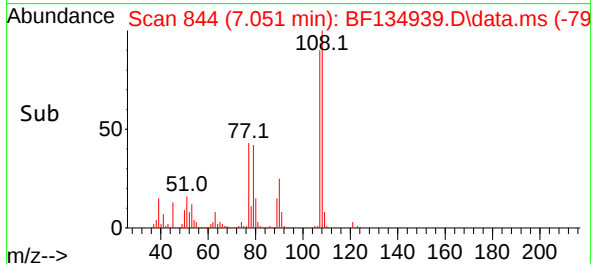
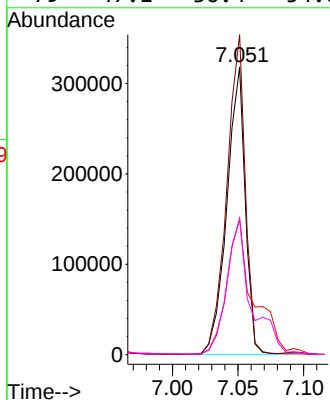
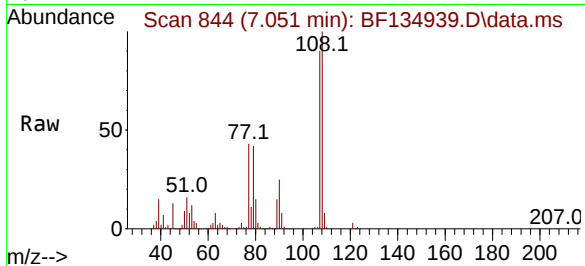




#17
2-Methylphenol
Concen: 45.850 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

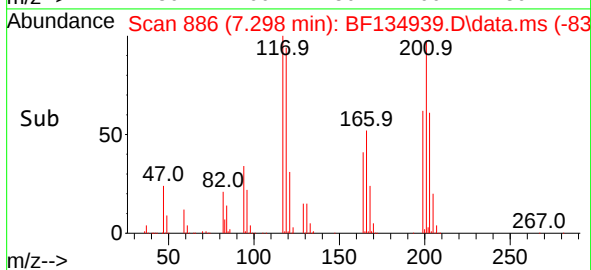
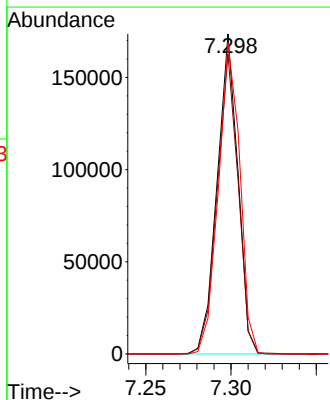
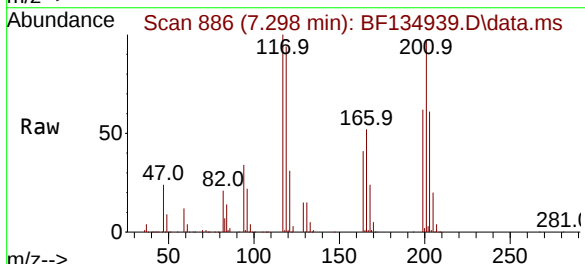
Instrument :
BNA_F
ClientSampleId :
PB155049BS

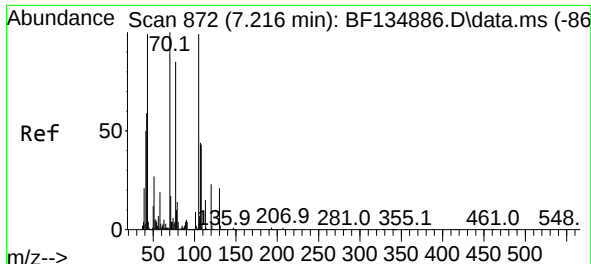
Tgt Ion:107 Resp: 310599
Ion Ratio Lower Upper
107 100
108 111.2 89.0 133.6
77 47.3 36.5 54.7
79 47.1 36.4 54.6



#18
Hexachloroethane
Concen: 49.525 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

Tgt Ion:117 Resp: 146454
Ion Ratio Lower Upper
117 100
119 93.7 76.6 114.8
201 97.1 83.4 125.2



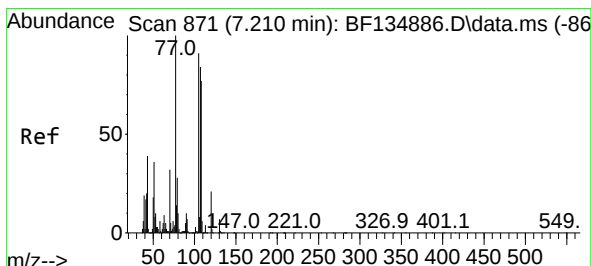
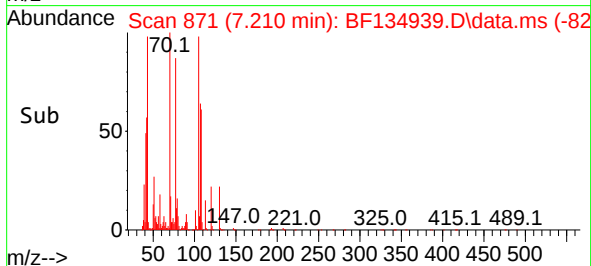
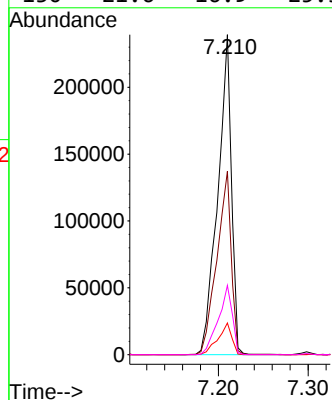
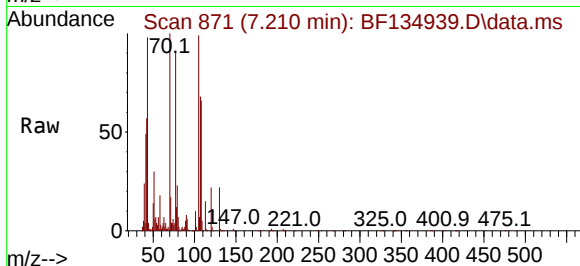


#19
n-Nitroso-di-n-propylamine
Concen: 45.623 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

Instrument :
BNA_F
ClientSampleId :
PB155049BS

Tgt Ion: 70 Resp: 253982

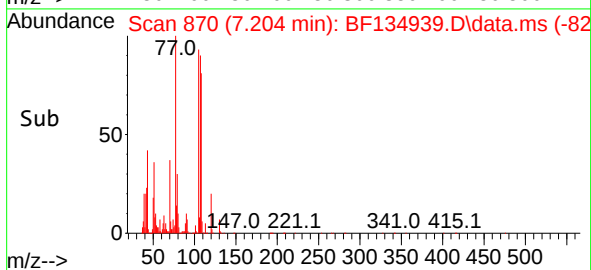
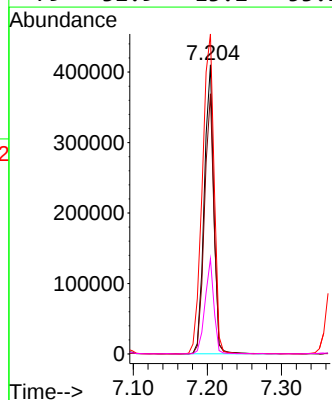
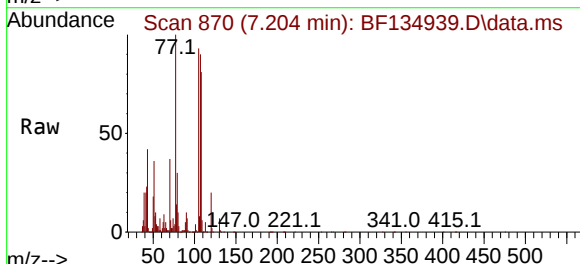
Ion	Ratio	Lower	Upper
70	100		
42	57.3	46.9	70.3
101	9.9	7.5	11.3
130	21.6	16.9	25.3

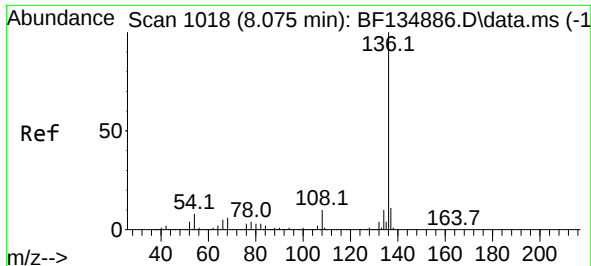


#20
3+4-Methylphenols
Concen: 51.696 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

Tgt Ion: 107 Resp: 368624

Ion	Ratio	Lower	Upper
107	100		
108	90.0	71.7	111.7
77	110.7	98.4	138.4
79	32.9	13.2	53.2



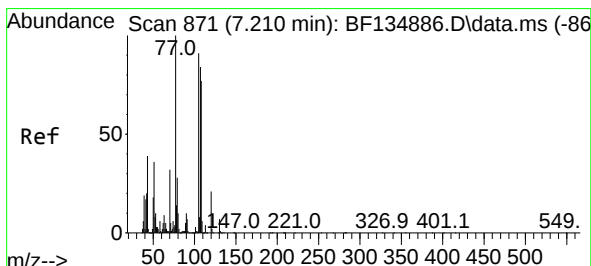
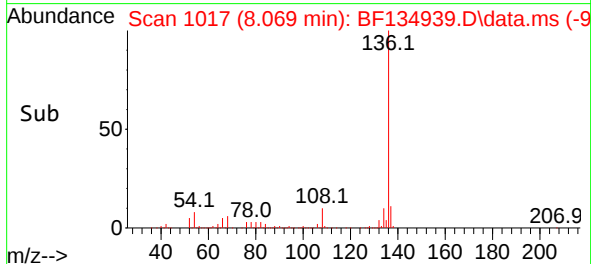
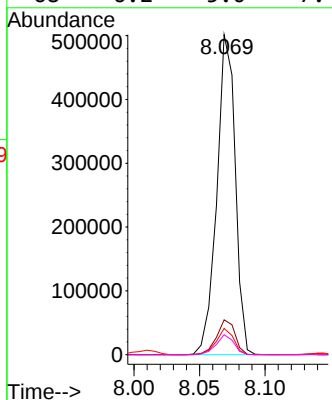
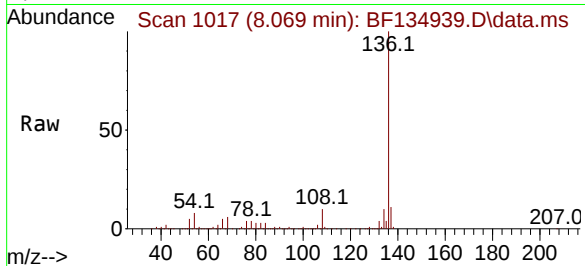


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

Instrument :
BNA_F
ClientSampleId :
PB155049BS

Tgt Ion:136 Resp: 489314

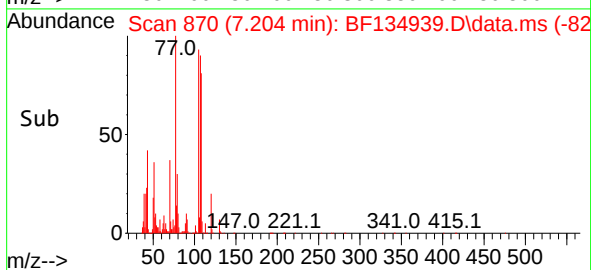
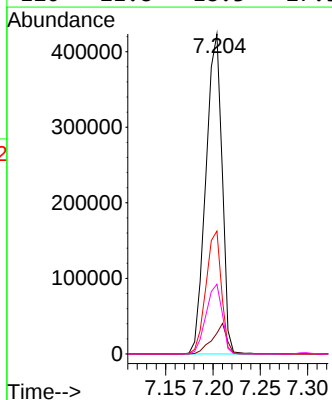
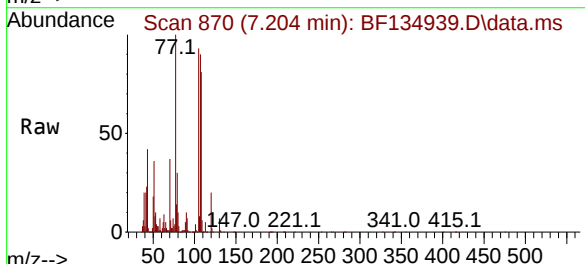
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.2	6.6	9.8
68	6.2	5.0	7.4

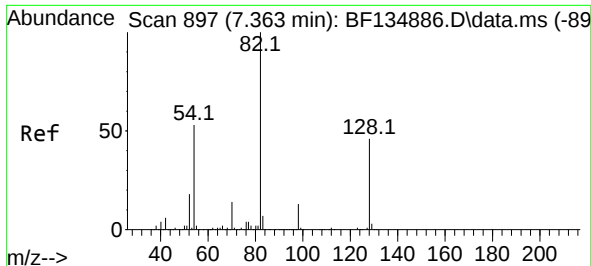


#22
Acetophenone
Concen: 46.425 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

Tgt Ion:105 Resp: 502089

Ion	Ratio	Lower	Upper
105	100		
71	6.5	4.6	6.8
51	38.4	32.2	48.2
120	21.8	18.3	27.5





#23

Nitrobenzene-d5

Concen: 87.076 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF134939.D

Acq: 25 Aug 2023 14:06

Instrument :

BNA_F

ClientSampleId :

PB155049BS

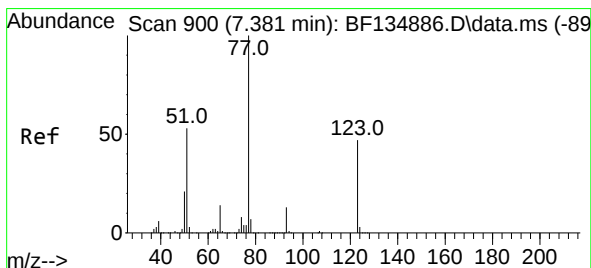
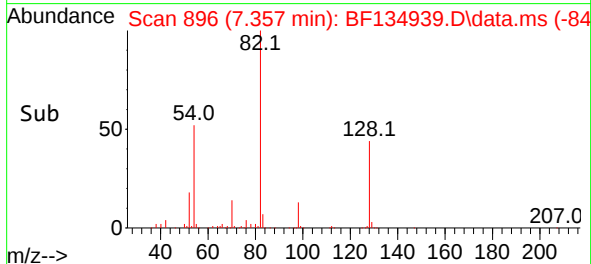
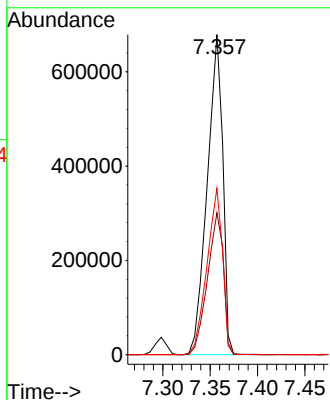
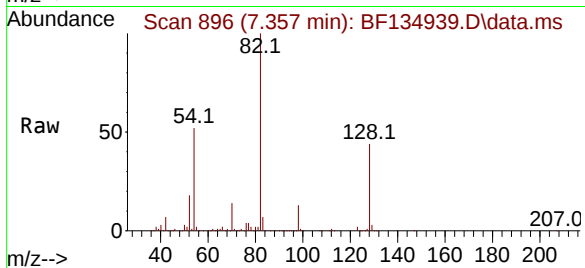
Tgt Ion: 82 Resp: 773230

Ion Ratio Lower Upper

82 100

128 44.4 36.6 54.8

54 52.0 42.6 63.8



#24

Nitrobenzene

Concen: 44.514 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF134939.D

Acq: 25 Aug 2023 14:06

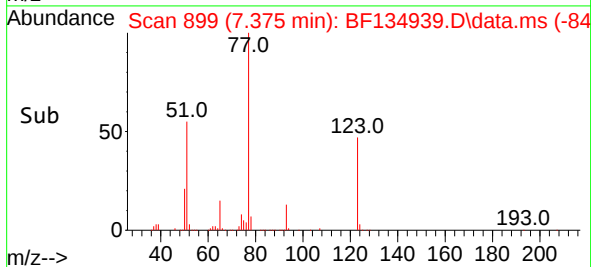
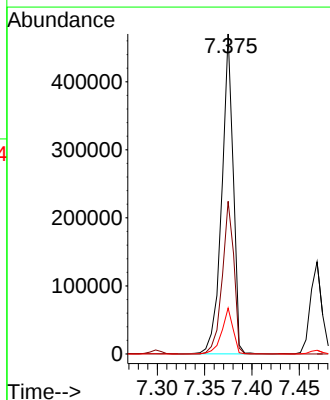
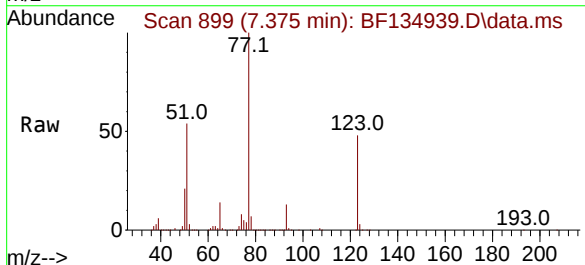
Tgt Ion: 77 Resp: 396633

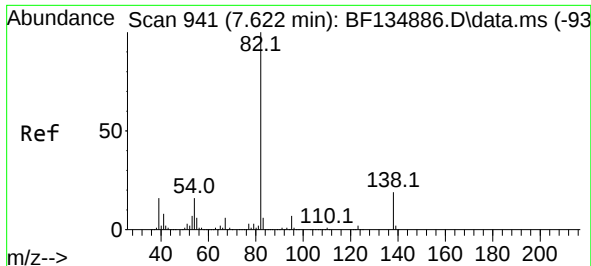
Ion Ratio Lower Upper

77 100

123 47.7 37.9 56.9

65 14.4 11.1 16.7

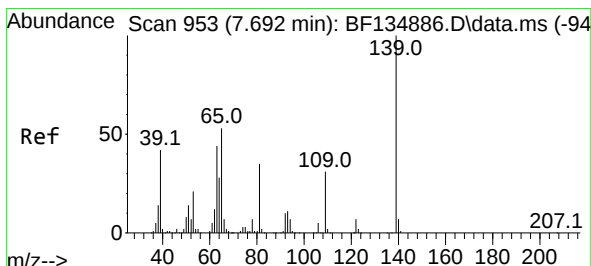
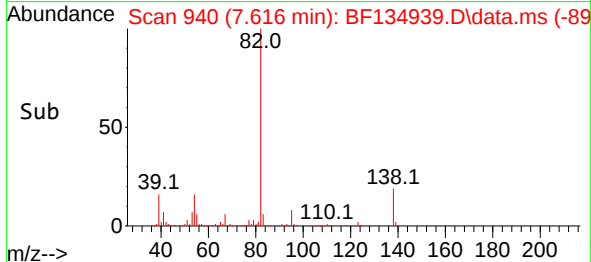
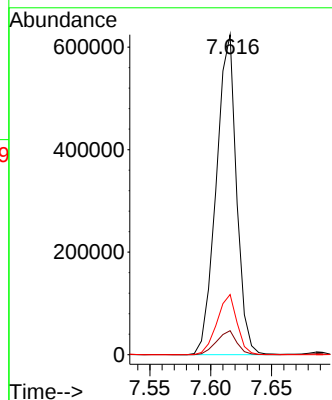
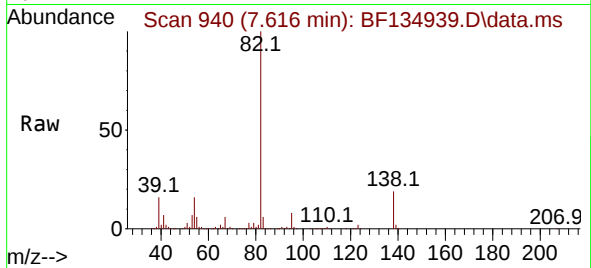




#25
Isophorone
Concen: 43.639 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

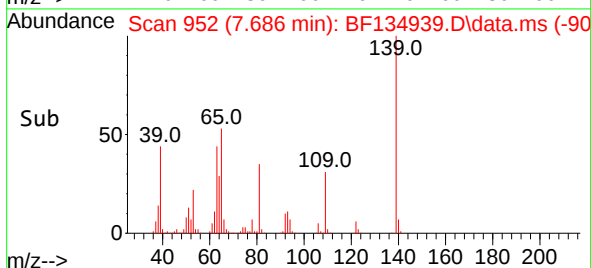
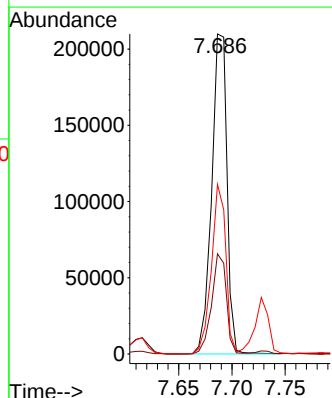
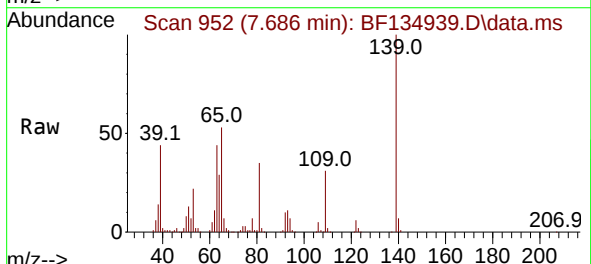
Instrument :
BNA_F
ClientSampleId :
PB155049BS

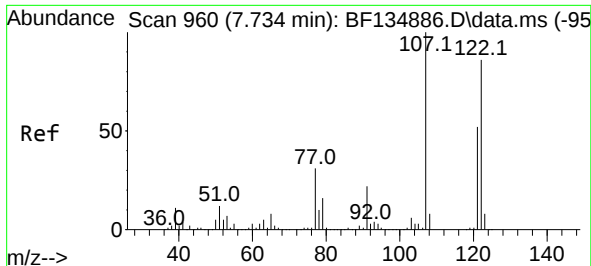
Tgt Ion: 82 Resp: 723593
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 18.8 14.9 22.3



#26
2-Nitrophenol
Concen: 47.355 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

Tgt Ion:139 Resp: 210066
Ion Ratio Lower Upper
139 100
109 31.3 24.5 36.7
65 53.0 42.4 63.6





#27

2,4-Dimethylphenol

Concen: 44.278 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF134939.D

Acq: 25 Aug 2023 14:06

Instrument :

BNA_F

ClientSampleId :

PB155049BS

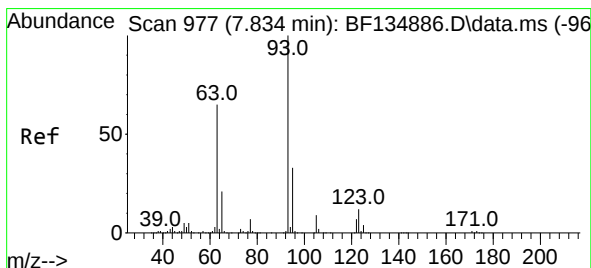
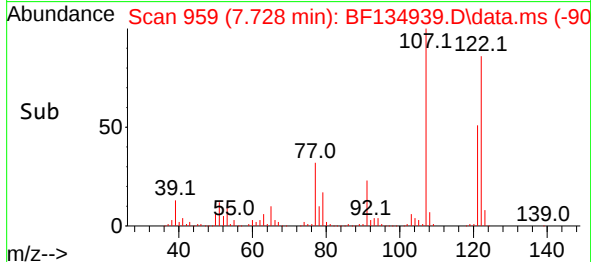
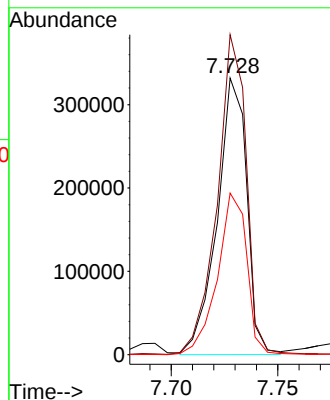
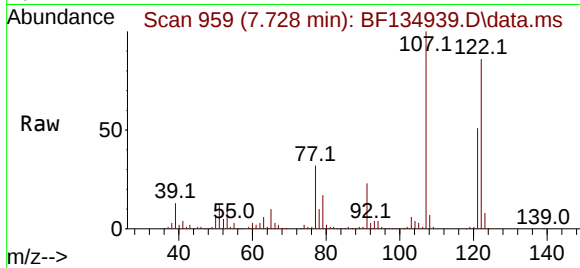
Tgt Ion:122 Resp: 320362

Ion Ratio Lower Upper

122 100

107 115.7 92.9 139.3

121 58.4 48.4 72.6



#28

bis(2-Chloroethoxy)methane

Concen: 44.069 ng

RT: 7.828 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF134939.D

Acq: 25 Aug 2023 14:06

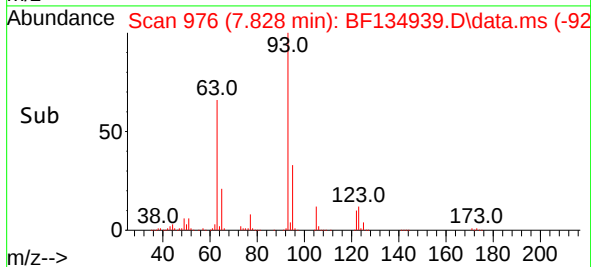
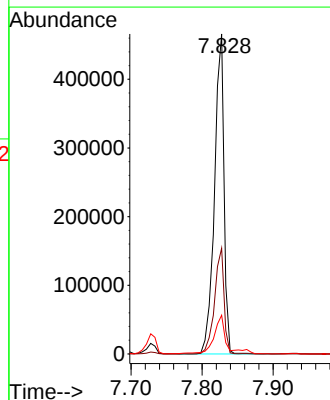
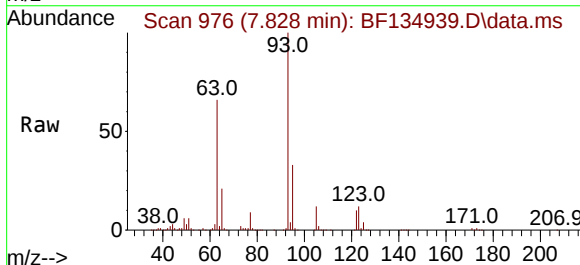
Tgt Ion: 93 Resp: 435522

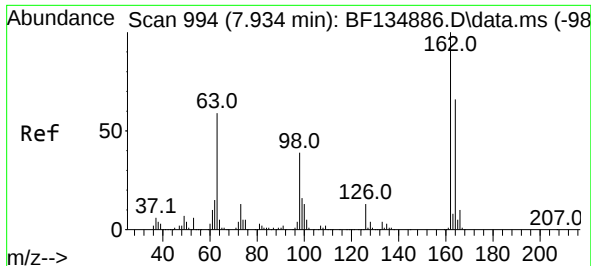
Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

123 12.1 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 45.666 ng

RT: 7.933 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF134939.D

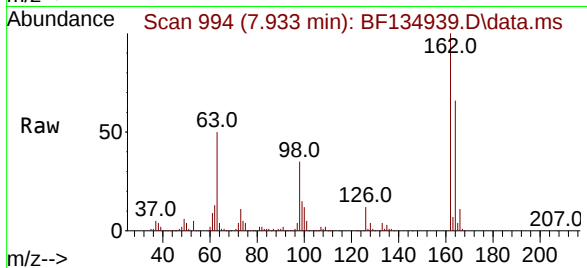
Acq: 25 Aug 2023 14:06

Instrument :

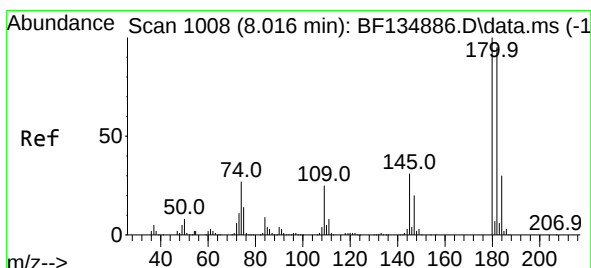
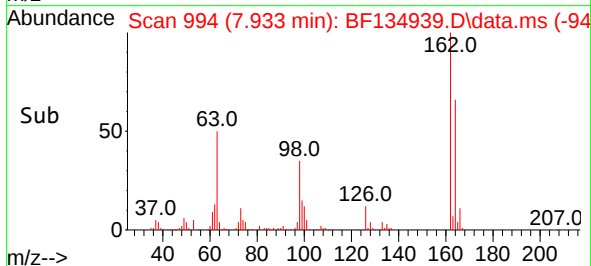
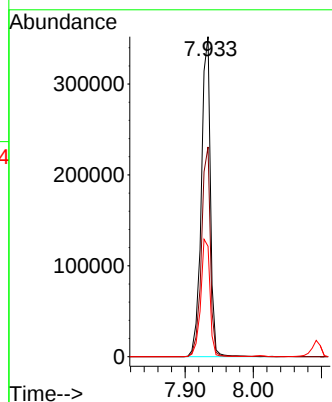
BNA_F

ClientSampleId :

PB155049BS



Tgt Ion:	162	Resp:	326454
Ion Ratio	Lower	Upper	
162	100		
164	65.5	45.6	85.6
98	34.5	18.5	58.5



#30

1,2,4-Trichlorobenzene

Concen: 46.090 ng

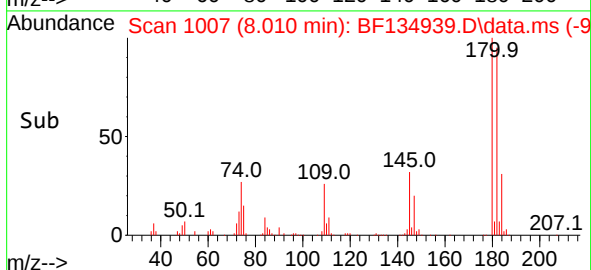
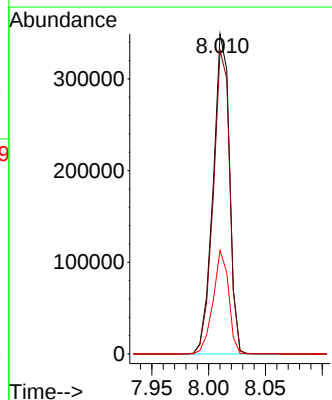
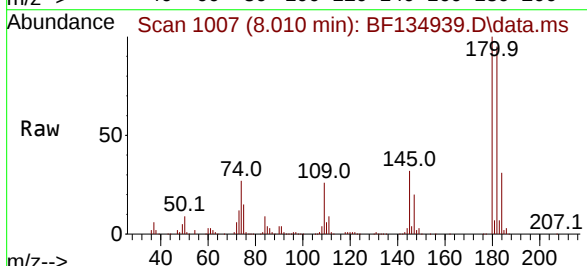
RT: 8.010 min Scan# 1007

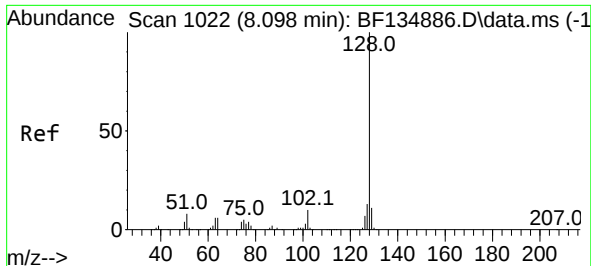
Delta R.T. -0.006 min

Lab File: BF134939.D

Acq: 25 Aug 2023 14:06

Tgt Ion:	180	Resp:	349795
Ion Ratio	Lower	Upper	
180	100		
182	94.9	76.0	114.0
145	32.4	24.6	37.0

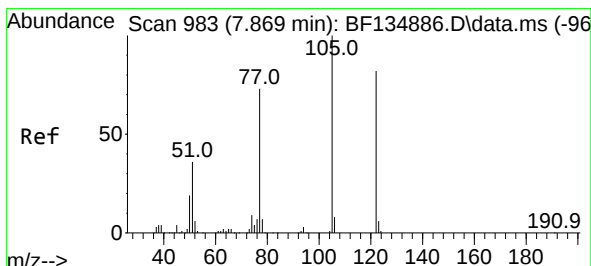
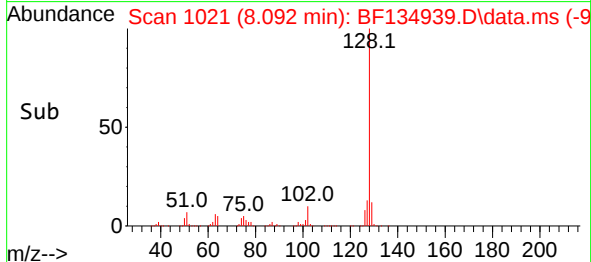
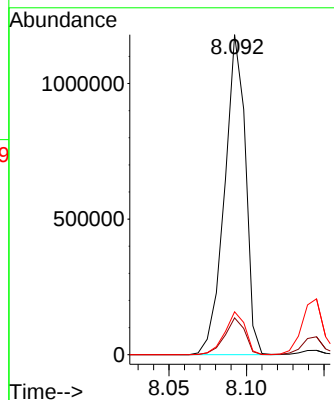
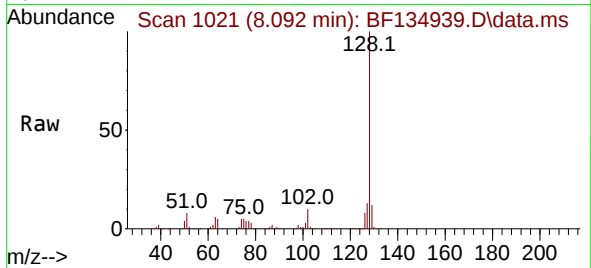




#31
Naphthalene
Concen: 45.318 ng
RT: 8.092 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

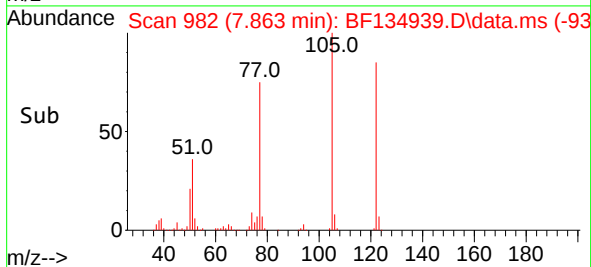
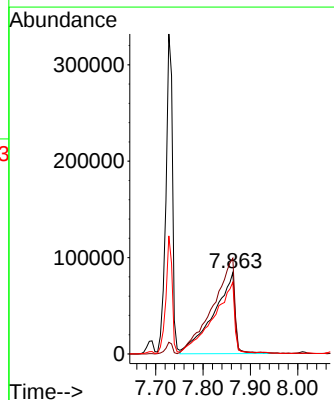
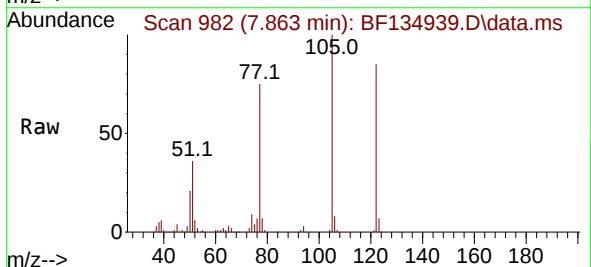
Instrument :
BNA_F
ClientSampleId :
PB155049BS

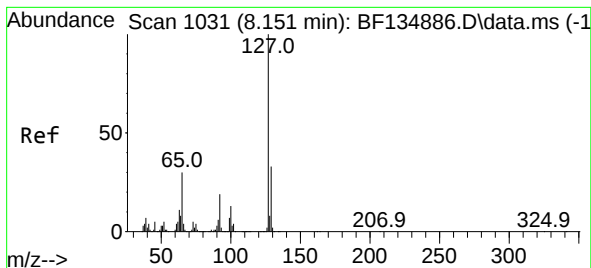
Tgt Ion:128 Resp: 1107244
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 49.368 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

Tgt Ion:122 Resp: 263603
Ion Ratio Lower Upper
122 100
105 117.7 98.6 138.6
77 88.3 68.6 108.6





#33

4-Chloroaniline

Concen: 19.498 ng

RT: 8.145 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF134939.D

Acq: 25 Aug 2023 14:06

Instrument :

BNA_F

ClientSampleId :

PB155049BS

Tgt Ion:127 Resp: 204404

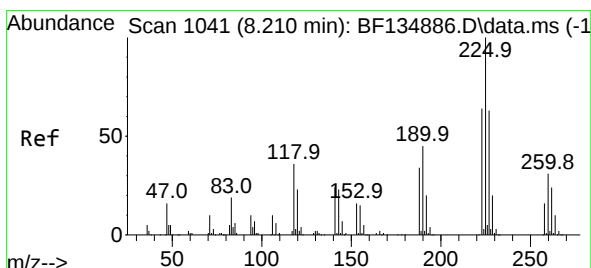
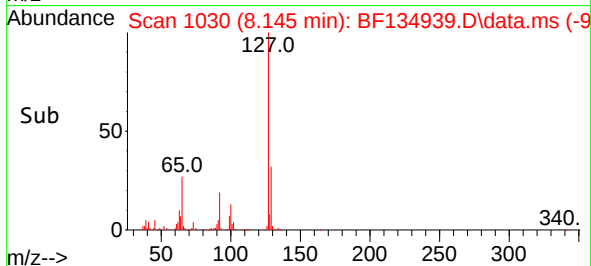
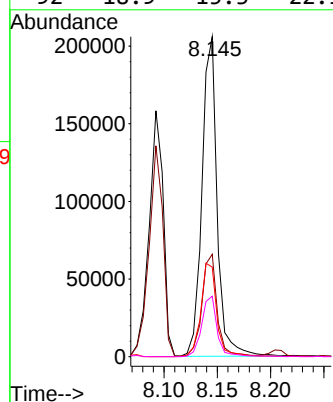
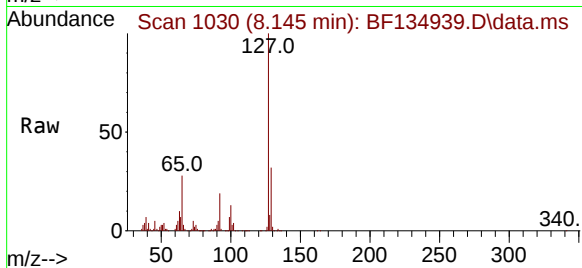
Ion Ratio Lower Upper

127 100

129 32.0 26.4 39.6

65 28.0 23.8 35.8

92 18.9 15.3 22.9



#34

Hexachlorobutadiene

Concen: 45.448 ng

RT: 8.210 min Scan# 1041

Delta R.T. -0.000 min

Lab File: BF134939.D

Acq: 25 Aug 2023 14:06

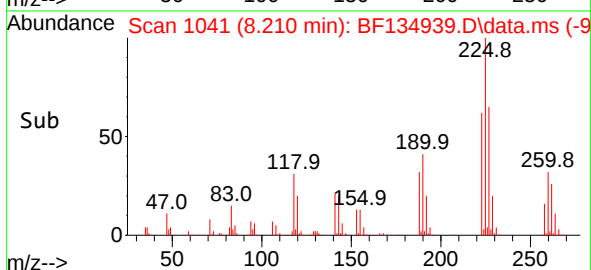
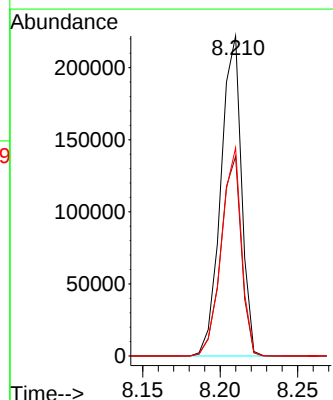
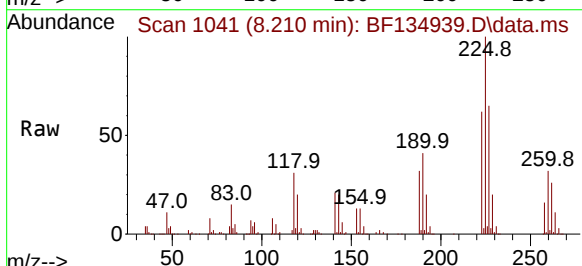
Tgt Ion:225 Resp: 205141

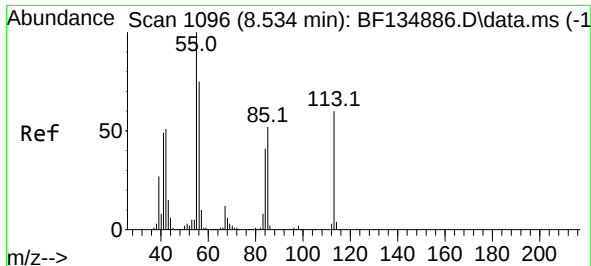
Ion Ratio Lower Upper

225 100

223 62.4 51.1 76.7

227 65.0 50.1 75.1

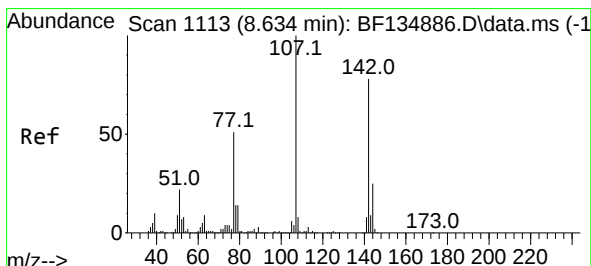
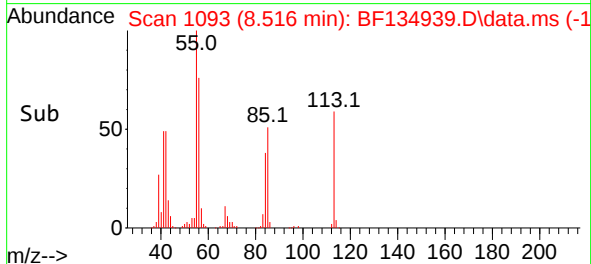
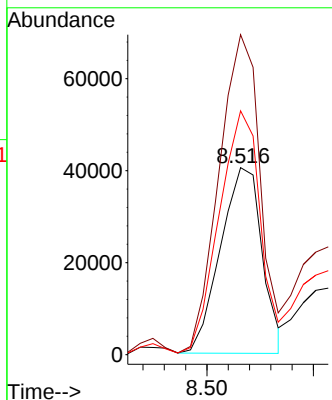
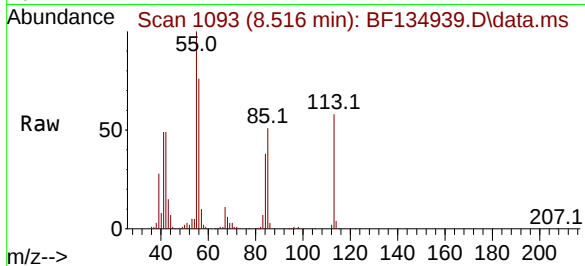




#35
 Caprolactam
 Concen: 24.652 ng
 RT: 8.516 min Scan# 1093
 Delta R.T. -0.018 min
 Lab File: BF134939.D
 Acq: 25 Aug 2023 14:06

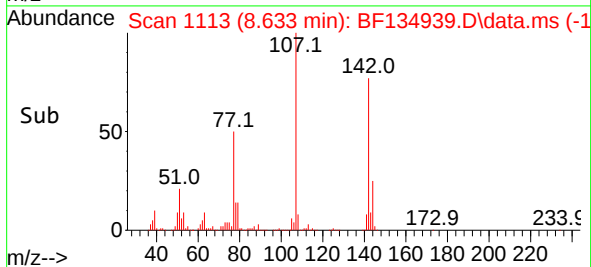
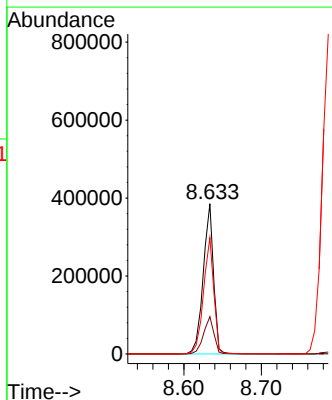
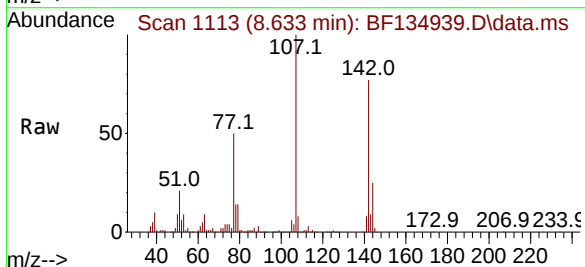
Instrument :
 BNA_F
 ClientSampleId :
 PB155049BS

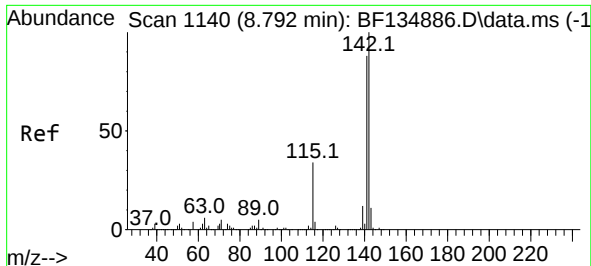
Tgt Ion:113 Resp: 55014
 Ion Ratio Lower Upper
 113 100
 55 171.1 147.2 187.2
 56 130.4 106.0 146.0



#36
 4-Chloro-3-methylphenol
 Concen: 47.374 ng
 RT: 8.633 min Scan# 1113
 Delta R.T. -0.000 min
 Lab File: BF134939.D
 Acq: 25 Aug 2023 14:06

Tgt Ion:107 Resp: 357384
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.2 30.2
 142 77.4 62.5 93.7

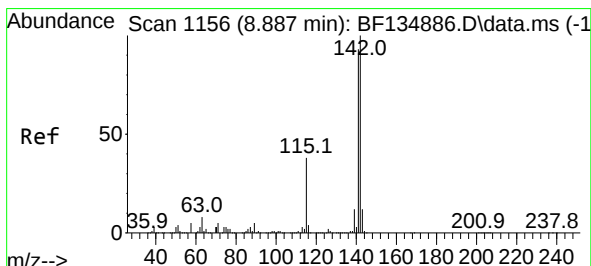
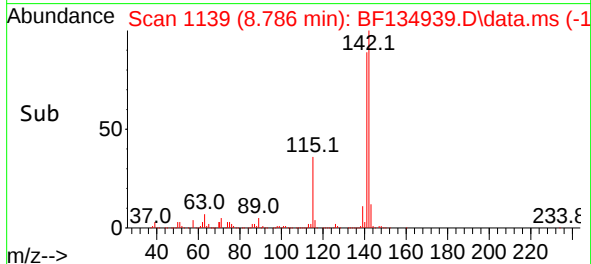
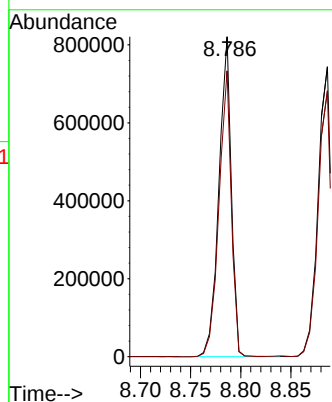
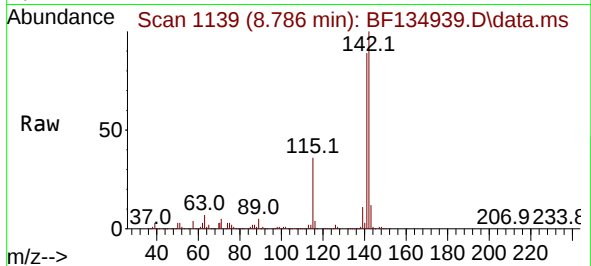




#37
2-Methylnaphthalene
Concen: 43.310 ng
RT: 8.786 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

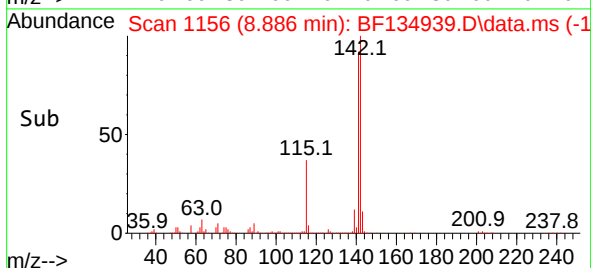
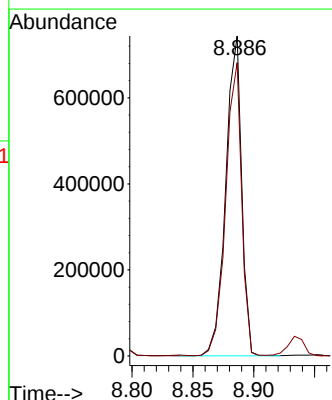
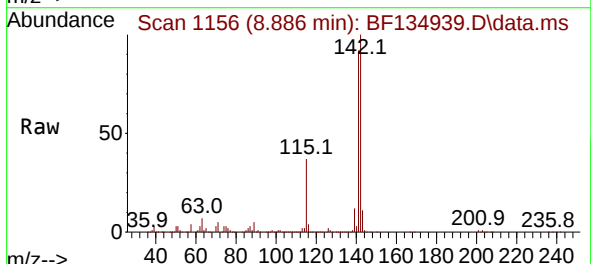
Instrument :
BNA_F
ClientSampleId :
PB155049BS

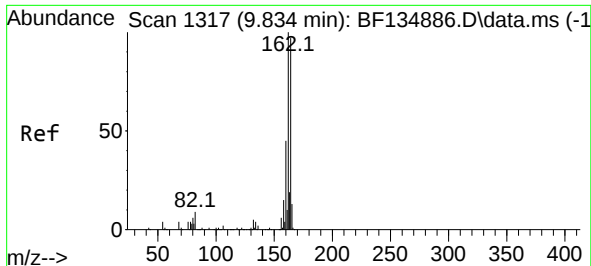
Tgt Ion:142 Resp: 705691
Ion Ratio Lower Upper
142 100
141 89.3 70.2 105.2



#38
1-Methylnaphthalene
Concen: 44.359 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

Tgt Ion:142 Resp: 675850
Ion Ratio Lower Upper
142 100
141 91.7 74.1 111.1

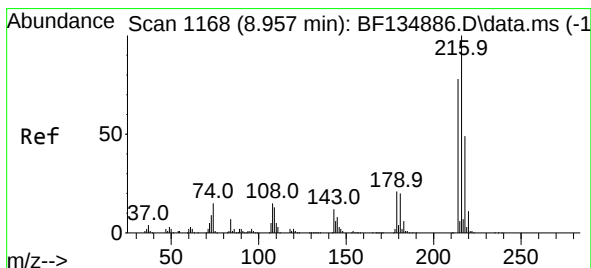
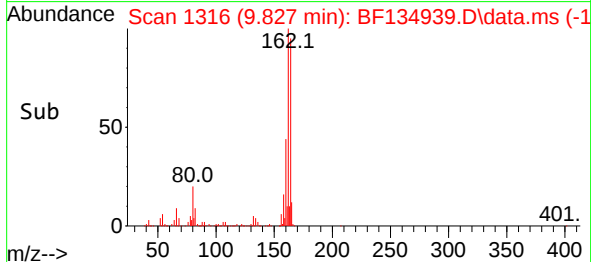
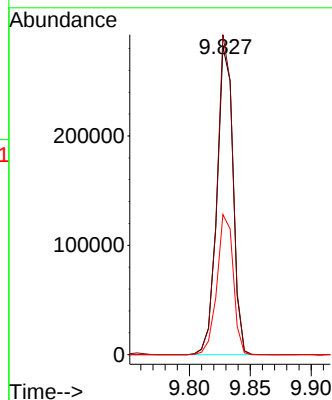
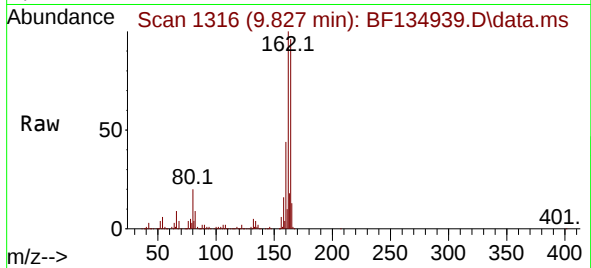




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

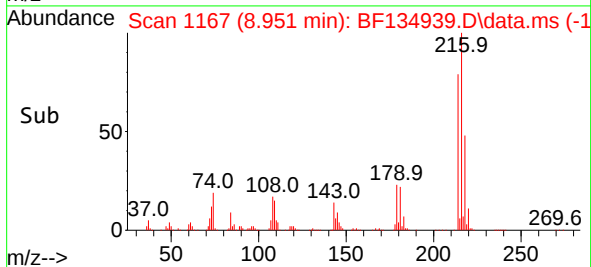
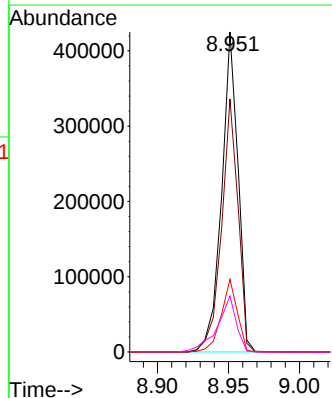
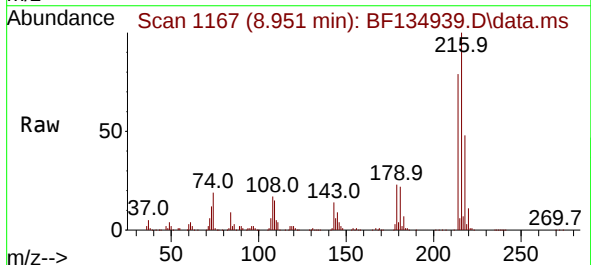
Instrument :
BNA_F
ClientSampleId :
PB155049BS

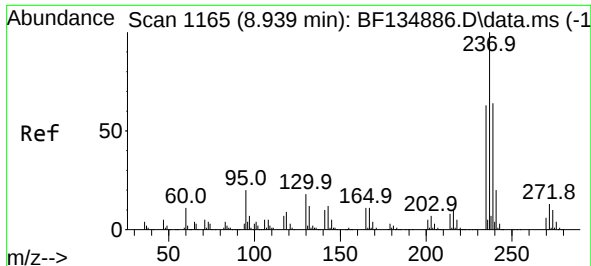
Tgt Ion:164 Resp: 259589
Ion Ratio Lower Upper
164 100
162 103.9 82.6 123.8
160 45.5 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.124 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

Tgt Ion:216 Resp: 341113
Ion Ratio Lower Upper
216 100
214 79.1 63.1 94.7
179 22.3 17.3 25.9
108 20.3 14.9 22.3

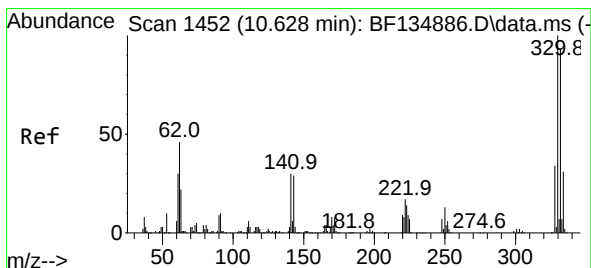
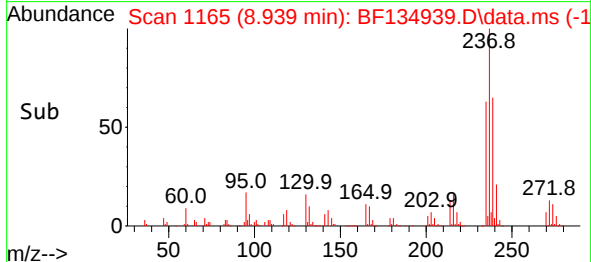
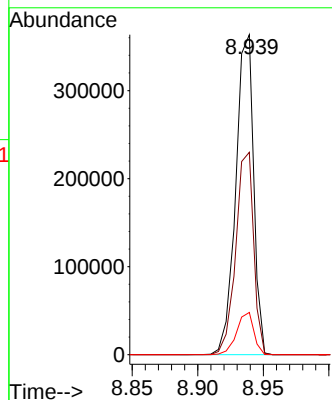
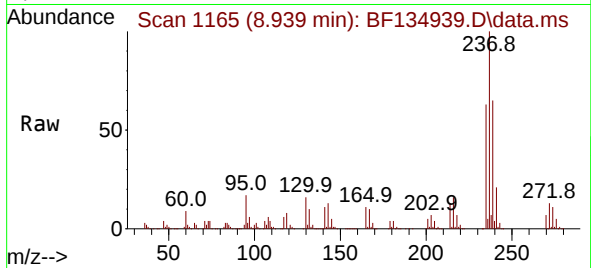




#41
Hexachlorocyclopentadiene
Concen: 98.836 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

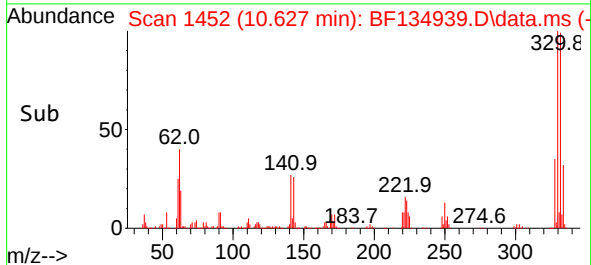
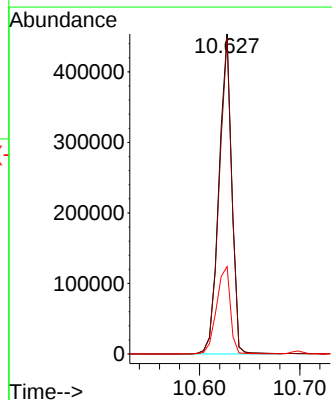
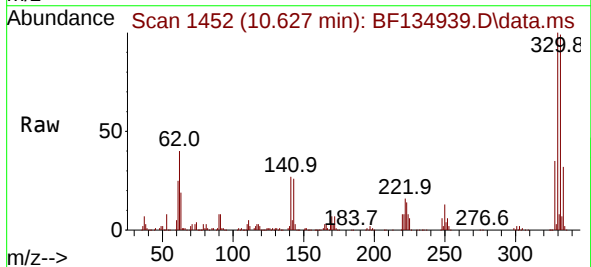
Instrument :
BNA_F
ClientSampleId :
PB155049BS

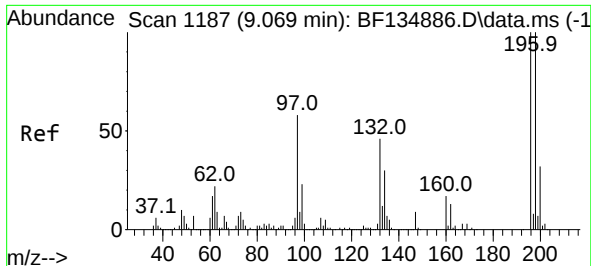
Tgt Ion:237 Resp: 346133
Ion Ratio Lower Upper
237 100
235 63.2 43.1 83.1
272 13.2 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 130.874 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

Tgt Ion:330 Resp: 400124
Ion Ratio Lower Upper
330 100
332 97.5 76.3 114.5
141 29.6 23.4 35.2

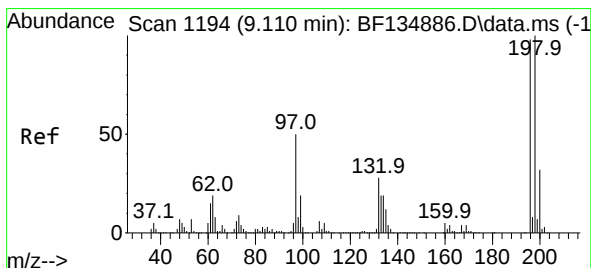
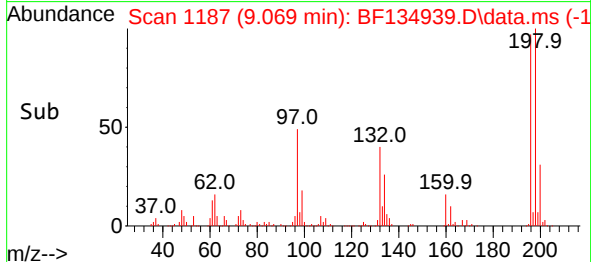
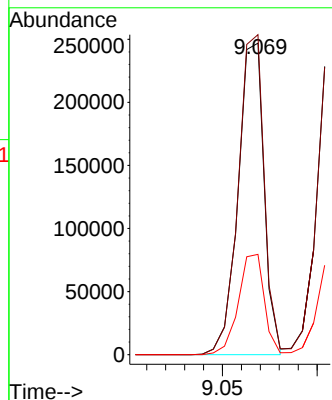
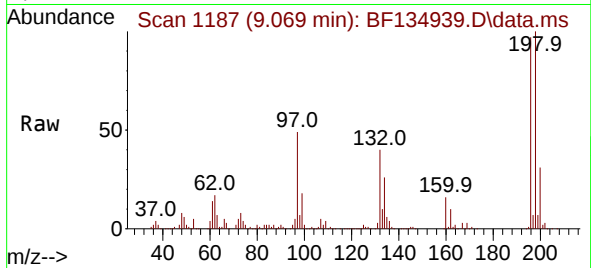




#43
2,4,6-Trichlorophenol
Concen: 45.136 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

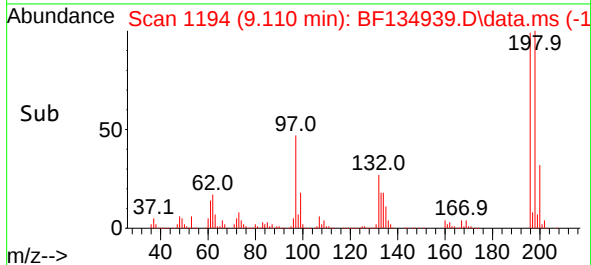
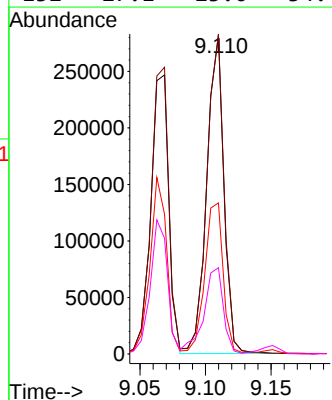
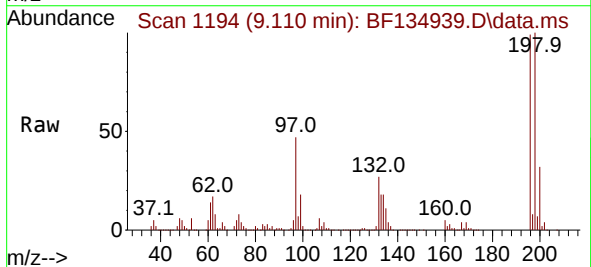
Instrument :
BNA_F
ClientSampleId :
PB155049BS

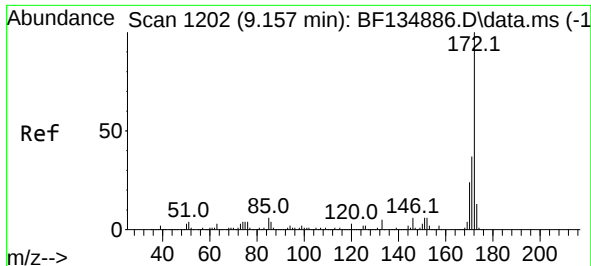
Tgt Ion:196 Resp: 235794
Ion Ratio Lower Upper
196 100
198 102.7 79.8 119.6
200 32.2 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 42.461 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

Tgt Ion:196 Resp: 256812
Ion Ratio Lower Upper
196 100
198 100.5 81.8 122.6
97 47.5 41.3 61.9
132 27.1 23.0 34.4

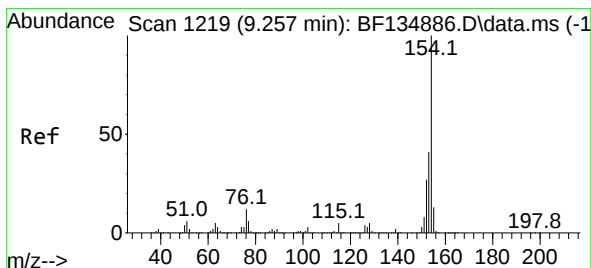
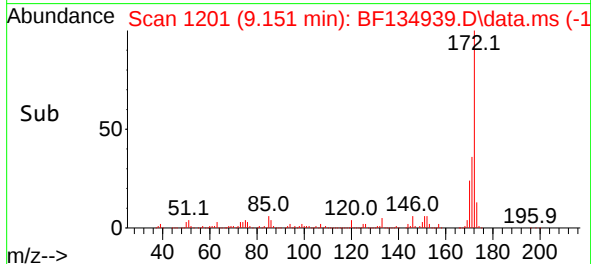
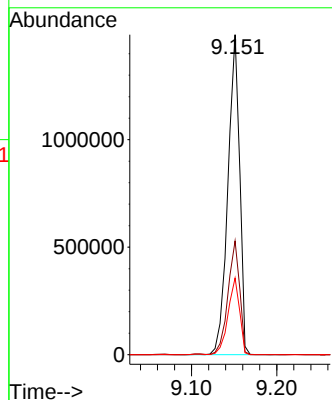
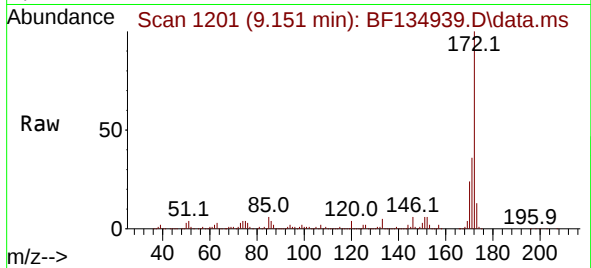




#45
2-Fluorobiphenyl
Concen: 84.735 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

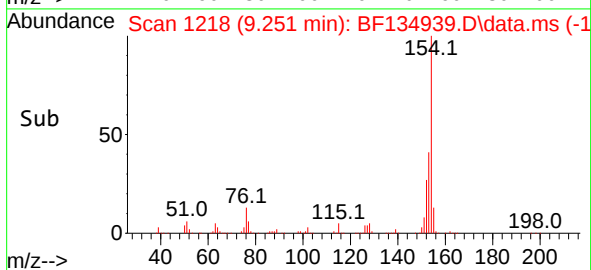
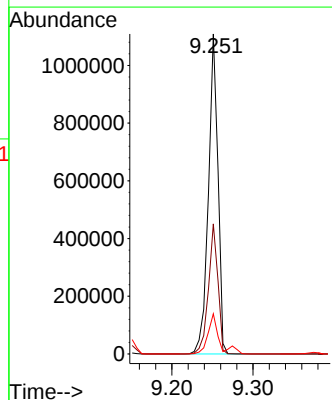
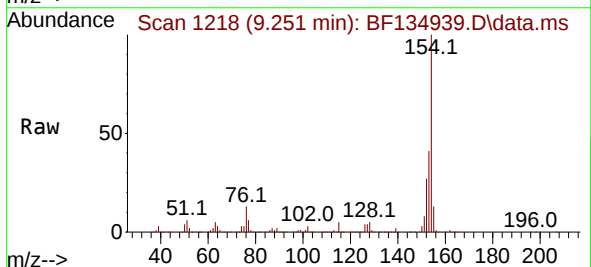
Instrument :
BNA_F
ClientSampleId :
PB155049BS

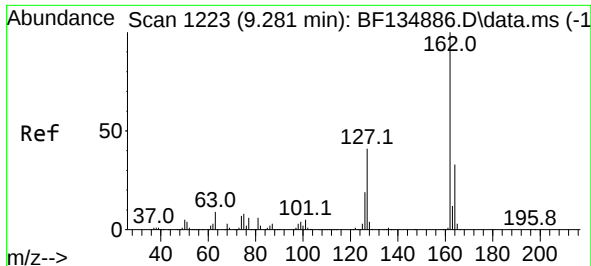
Tgt Ion:172 Resp: 1422889
Ion Ratio Lower Upper
172 100
171 35.5 29.4 44.0
170 23.9 19.6 29.4



#46
1,1'-Biphenyl
Concen: 43.982 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

Tgt Ion:154 Resp: 901377
Ion Ratio Lower Upper
154 100
153 40.6 21.3 61.3
76 12.6 0.0 31.8





#47

2-Chloronaphthalene

Concen: 45.296 ng

RT: 9.275 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134939.D

Acq: 25 Aug 2023 14:06

Instrument :

BNA_F

ClientSampleId :

PB155049BS

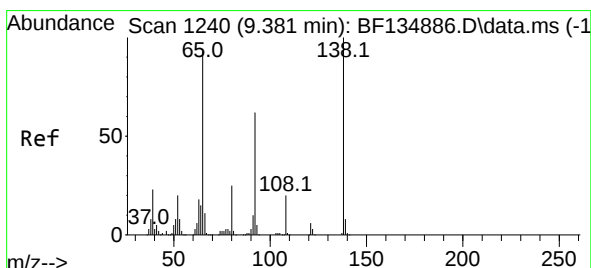
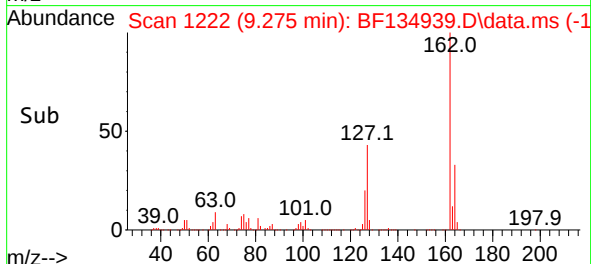
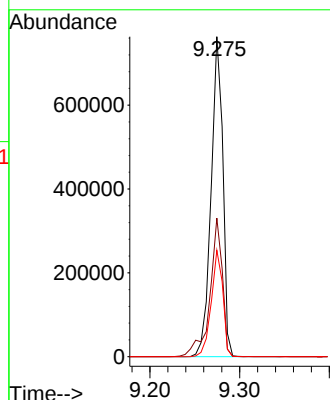
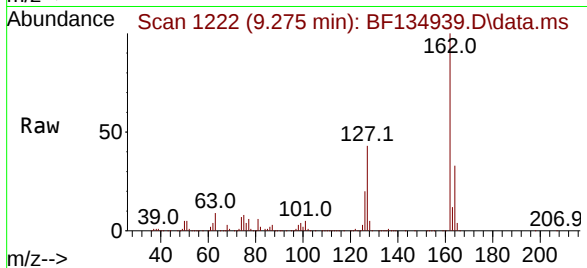
Tgt Ion:162 Resp: 693261

Ion Ratio Lower Upper

162 100

127 43.3 33.4 50.0

164 33.2 26.6 39.8



#48

2-Nitroaniline

Concen: 45.104 ng

RT: 9.375 min Scan# 1239

Delta R.T. -0.006 min

Lab File: BF134939.D

Acq: 25 Aug 2023 14:06

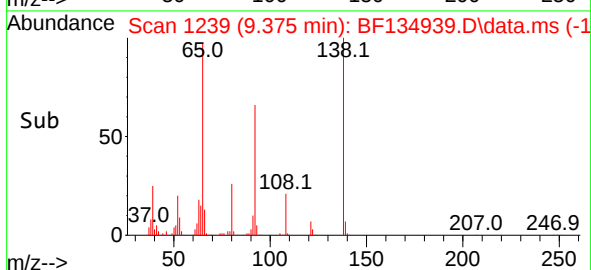
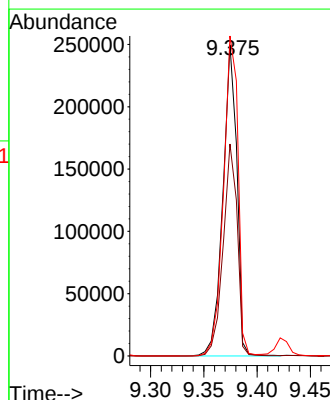
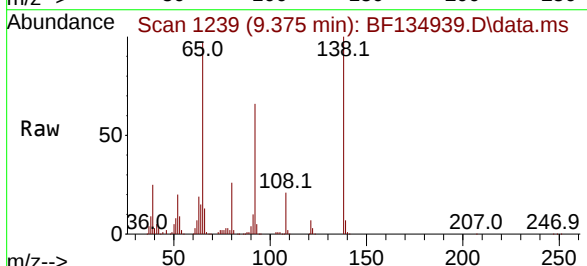
Tgt Ion: 65 Resp: 226925

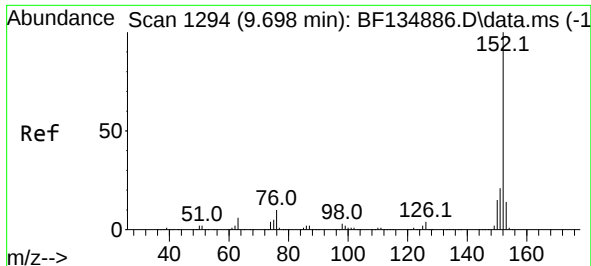
Ion Ratio Lower Upper

65 100

92 68.1 53.8 80.8

138 102.8 86.5 129.7





#49

Acenaphthylene

Concen: 45.763 ng

RT: 9.692 min Scan# 1293

Delta R.T. -0.006 min

Lab File: BF134939.D

Acq: 25 Aug 2023 14:06

Instrument :

BNA_F

ClientSampleId :

PB155049BS

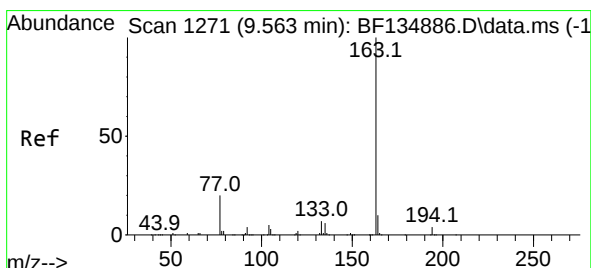
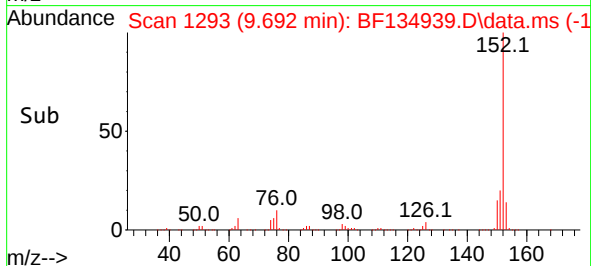
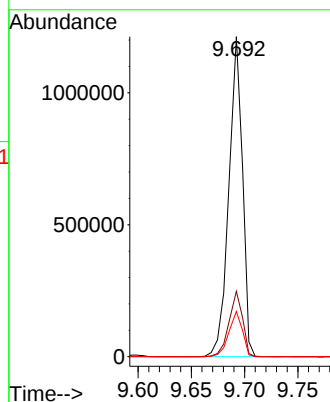
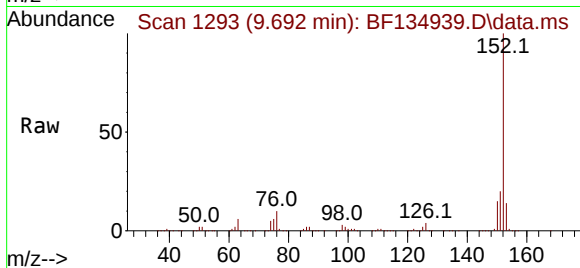
Tgt Ion:152 Resp: 1078625

Ion Ratio Lower Upper

152 100

151 20.4 16.5 24.7

153 14.1 11.3 16.9



#50

Dimethylphthalate

Concen: 45.363 ng

RT: 9.563 min Scan# 1271

Delta R.T. -0.000 min

Lab File: BF134939.D

Acq: 25 Aug 2023 14:06

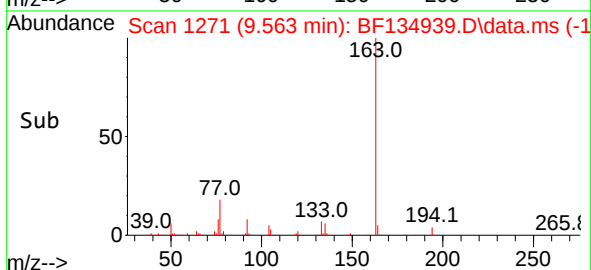
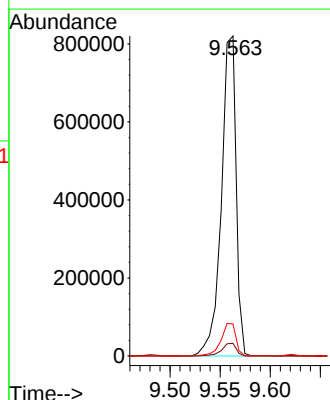
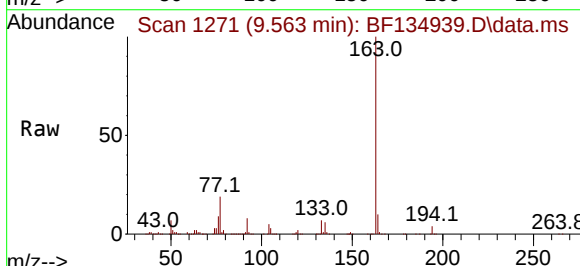
Tgt Ion:163 Resp: 838217

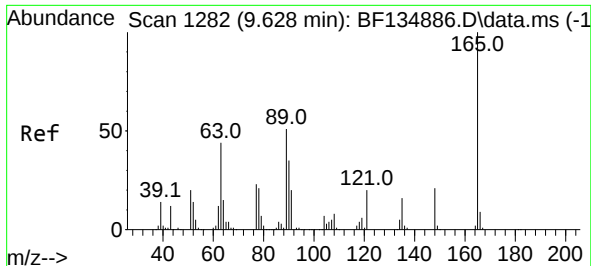
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.0 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 46.916 ng

RT: 9.622 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134939.D

Acq: 25 Aug 2023 14:06

Instrument :

BNA_F

ClientSampleId :

PB155049BS

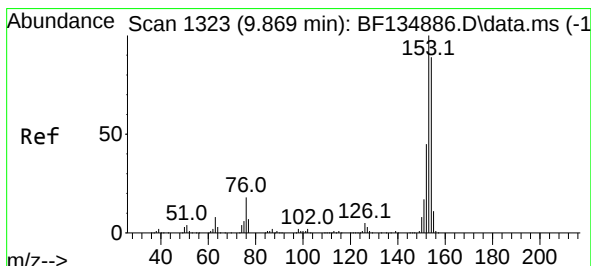
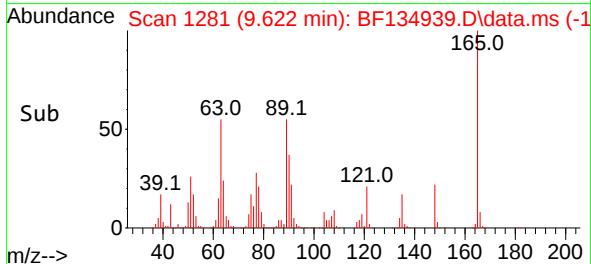
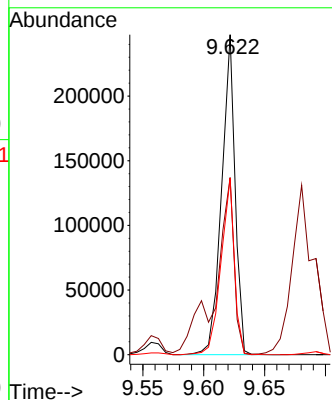
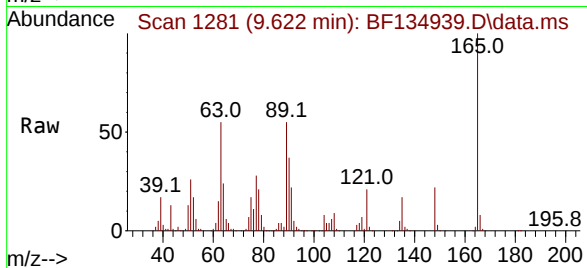
Tgt Ion:165 Resp: 191202

Ion Ratio Lower Upper

165 100

63 55.4 41.4 62.2

89 55.2 40.9 61.3



#52

Acenaphthene

Concen: 43.457 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.006 min

Lab File: BF134939.D

Acq: 25 Aug 2023 14:06

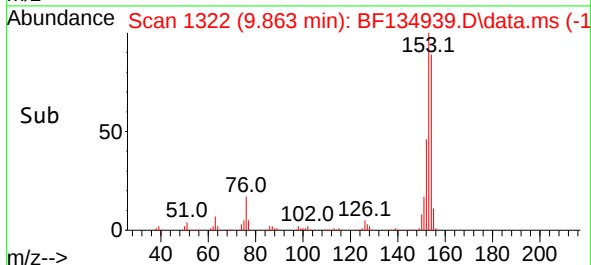
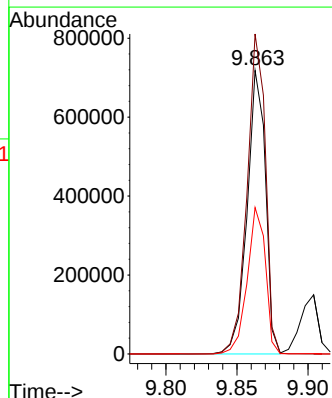
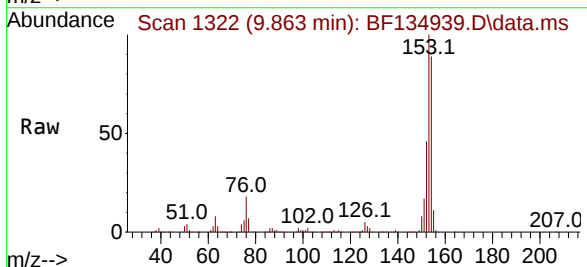
Tgt Ion:154 Resp: 645269

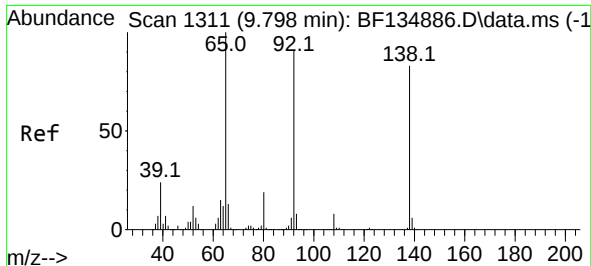
Ion Ratio Lower Upper

154 100

153 112.9 89.6 134.4

152 51.6 40.5 60.7

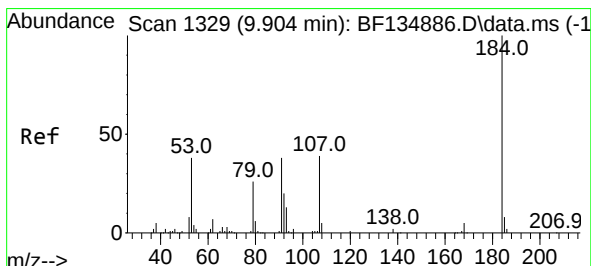
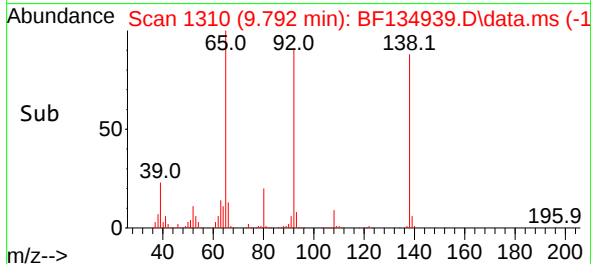
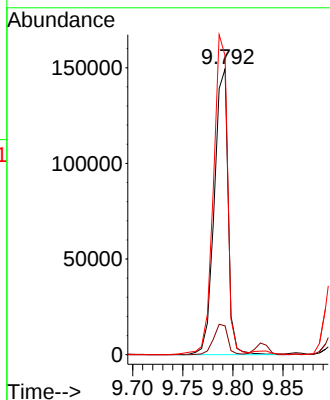
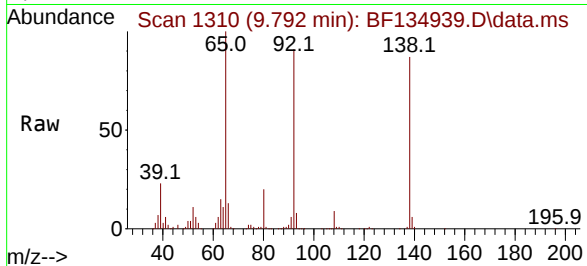




#53
3-Nitroaniline
Concen: 32.226 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

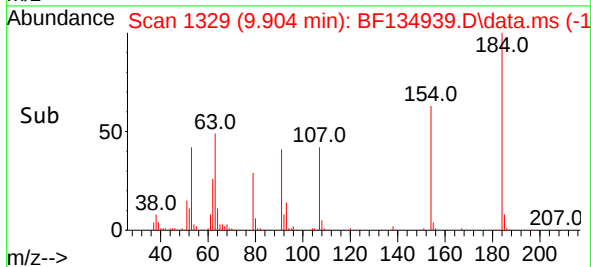
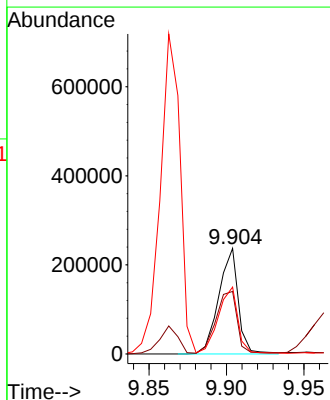
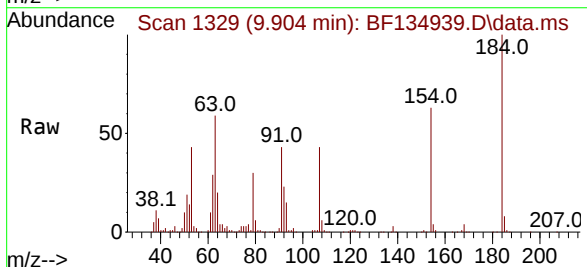
Instrument :
BNA_F
ClientSampleId :
PB155049BS

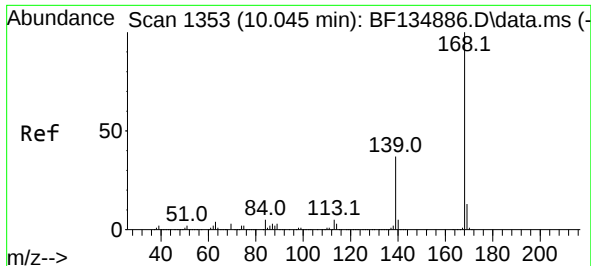
Tgt Ion:138 Resp: 143446
Ion Ratio Lower Upper
138 100
108 10.1 8.0 12.0
92 104.6 87.6 131.4



#54
2,4-Dinitrophenol
Concen: 107.635 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

Tgt Ion:184 Resp: 207552
Ion Ratio Lower Upper
184 100
63 59.2 42.8 64.2
154 63.4 48.0 72.0

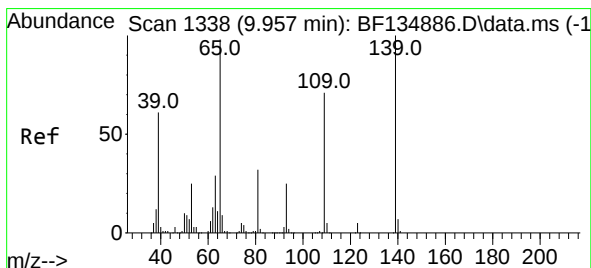
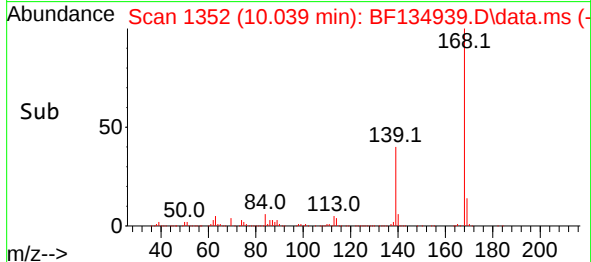
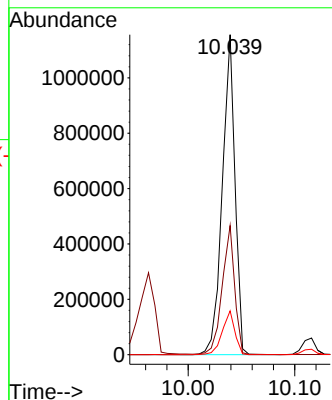
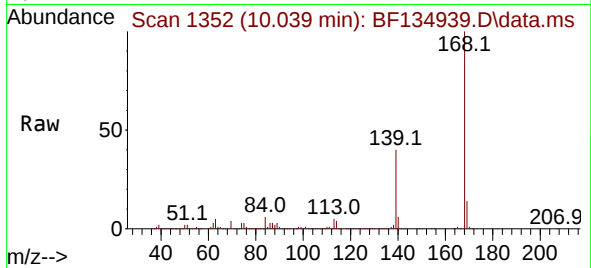




#55
Dibenzenofuran
Concen: 44.108 ng
RT: 10.039 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

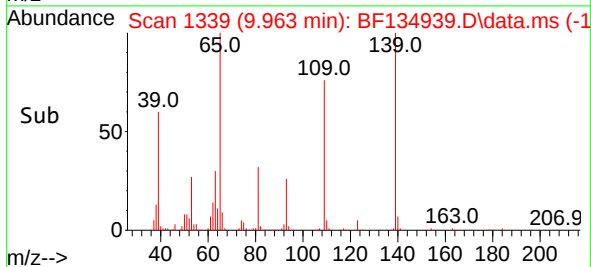
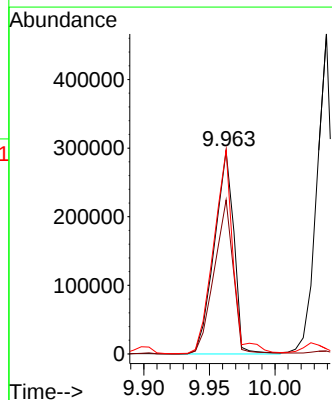
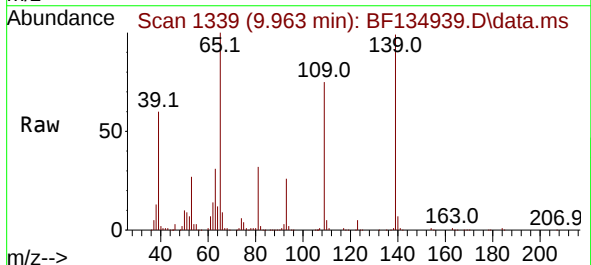
Instrument :
BNA_F
ClientSampleId :
PB155049BS

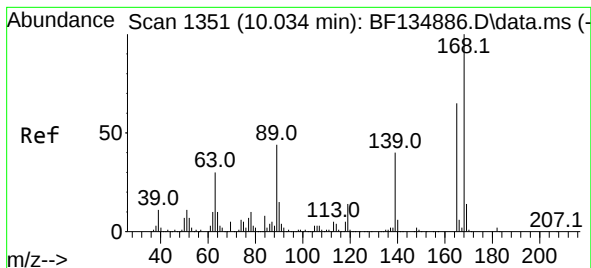
Tgt Ion:168 Resp: 953532
Ion Ratio Lower Upper
168 100
139 40.3 29.5 44.3
169 13.7 10.7 16.1



#56
4-Nitrophenol
Concen: 98.792 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

Tgt Ion:139 Resp: 306456
Ion Ratio Lower Upper
139 100
109 75.9 51.0 91.0
65 100.6 78.5 118.5

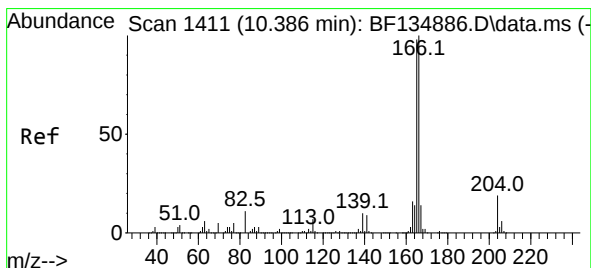
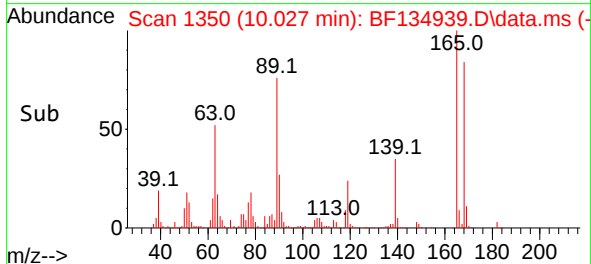
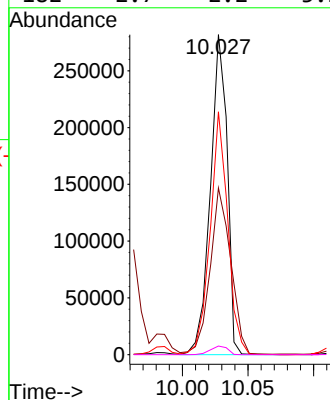
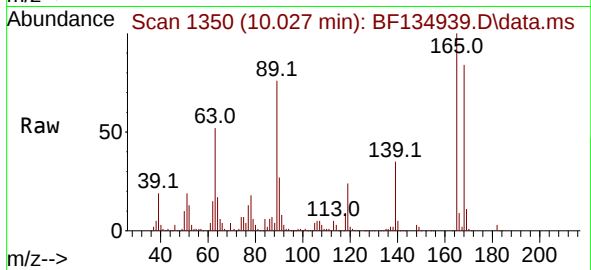




#57
2,4-Dinitrotoluene
Concen: 49.917 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.007 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

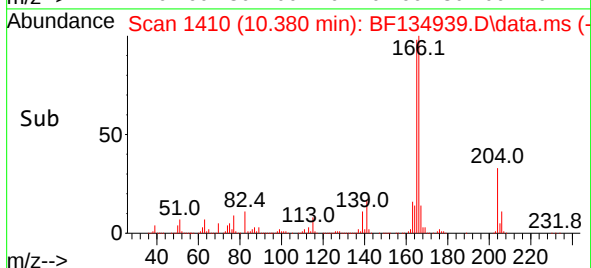
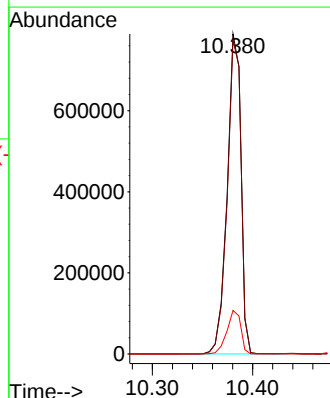
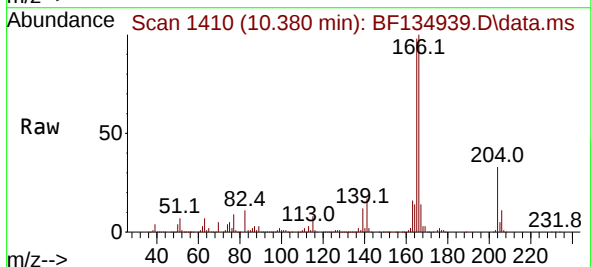
Instrument :
BNA_F
ClientSampleId :
PB155049BS

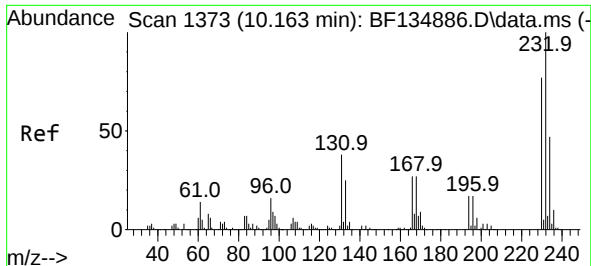
Tgt Ion:165 Resp: 251584
Ion Ratio Lower Upper
165 100
63 52.1 37.7 56.5
89 75.9 54.2 81.4
182 2.7 2.2 3.2



#58
Fluorene
Concen: 45.956 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

Tgt Ion:166 Resp: 753512
Ion Ratio Lower Upper
166 100
165 98.0 78.5 117.7
167 13.6 11.0 16.6

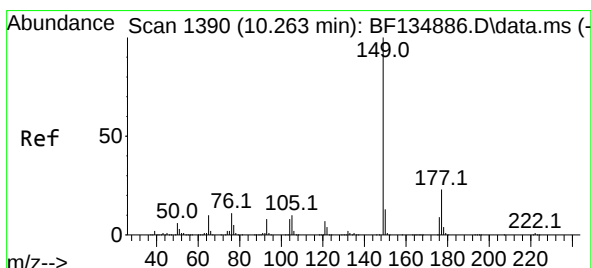
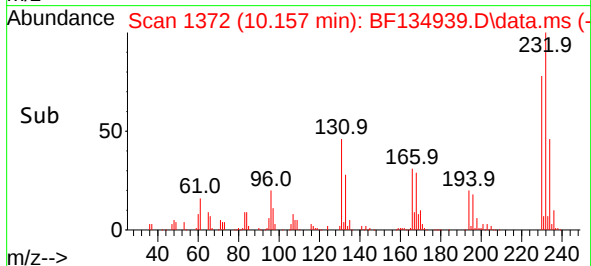
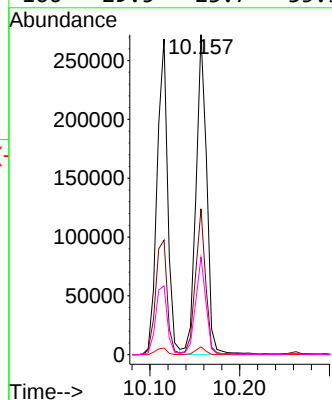
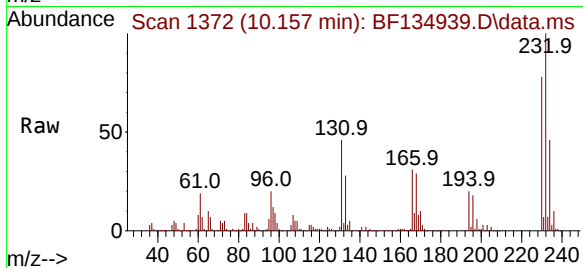




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.688 ng
RT: 10.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

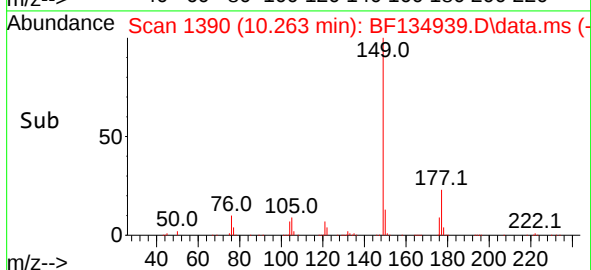
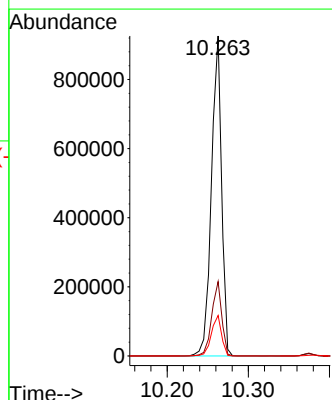
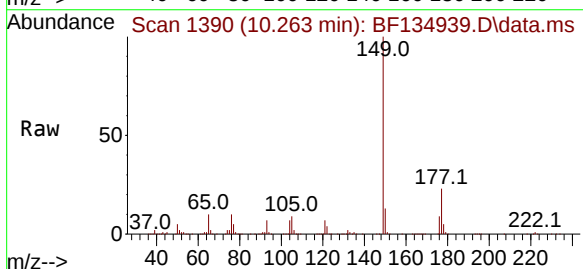
Instrument :
BNA_F
ClientSampleId :
PB155049BS

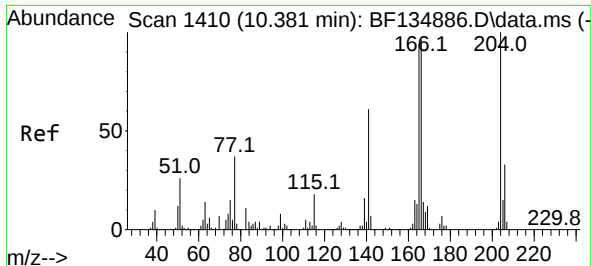
Tgt Ion:232 Resp: 224715
Ion Ratio Lower Upper
232 100
131 43.3 33.9 50.9
130 2.3 1.6 2.4
166 29.5 23.7 35.5



#60
Diethylphthalate
Concen: 47.415 ng
RT: 10.263 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

Tgt Ion:149 Resp: 802695
Ion Ratio Lower Upper
149 100
177 23.2 18.4 27.6
150 12.7 10.3 15.5

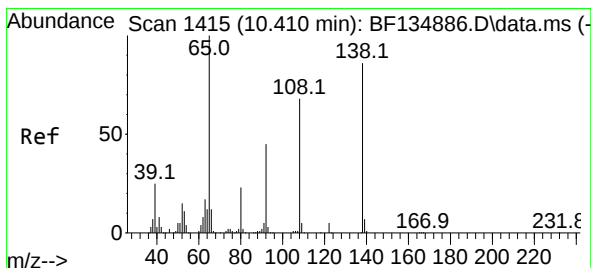
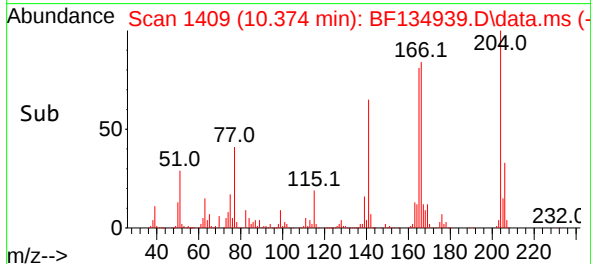
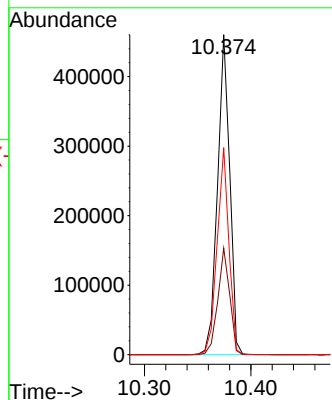
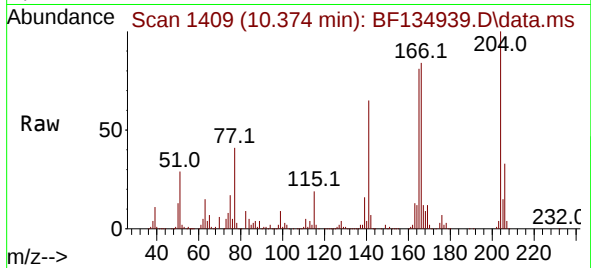




#61
4-Chlorophenyl-phenylether
Concen: 44.499 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.007 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

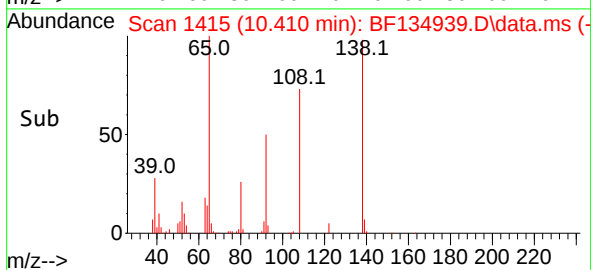
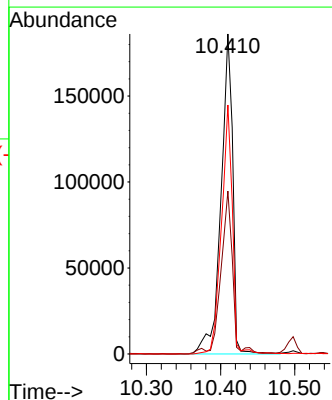
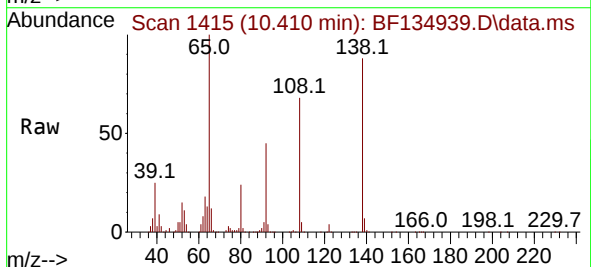
Instrument :
BNA_F
ClientSampleId :
PB155049BS

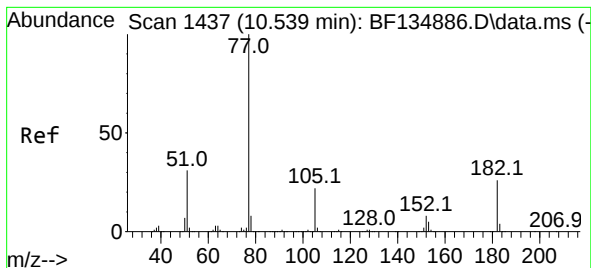
Tgt Ion:204 Resp: 365754
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 64.7 48.6 73.0



#62
4-Nitroaniline
Concen: 49.180 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

Tgt Ion:138 Resp: 204647
Ion Ratio Lower Upper
138 100
92 50.9 32.5 72.5
108 77.8 58.6 98.6





#63

Azobenzene

Concen: 45.260 ng

RT: 10.539 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF134939.D

Acq: 25 Aug 2023 14:06

Instrument :

BNA_F

ClientSampleId :

PB155049BS

Tgt Ion: 77 Resp: 761180

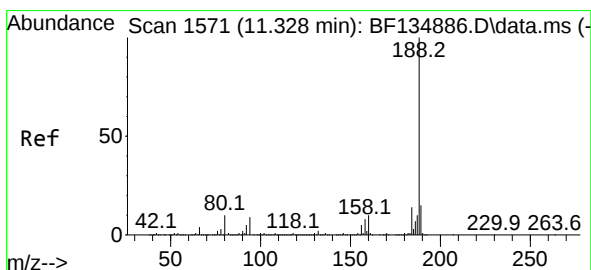
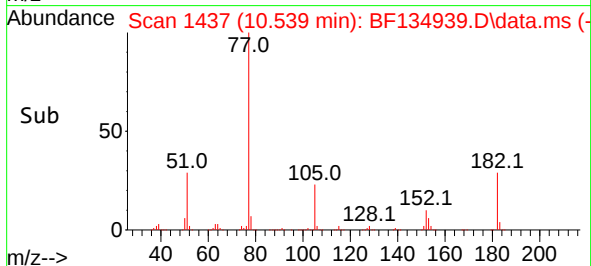
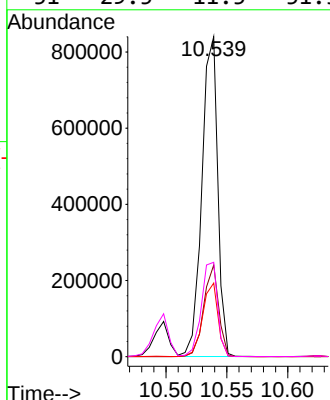
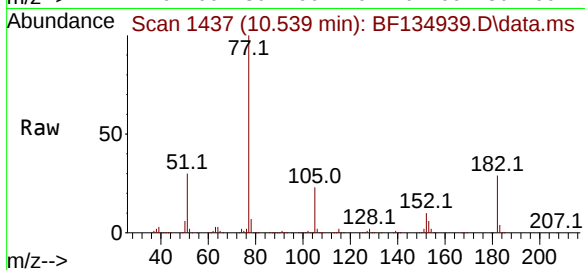
Ion Ratio Lower Upper

77 100

182 28.6 5.8 45.8

105 23.0 1.6 41.6

51 29.5 11.5 51.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.321 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF134939.D

Acq: 25 Aug 2023 14:06

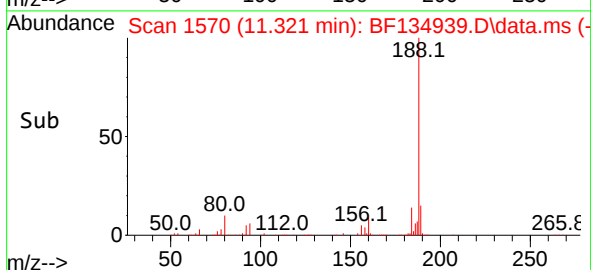
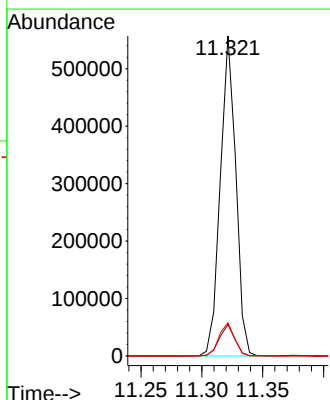
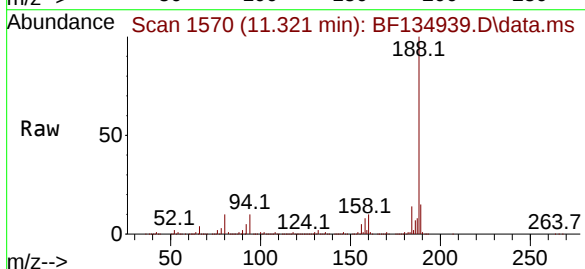
Tgt Ion:188 Resp: 495438

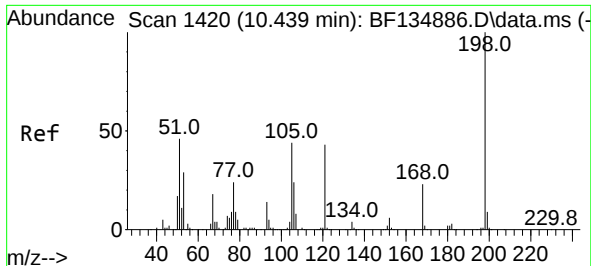
Ion Ratio Lower Upper

188 100

94 9.9 7.5 11.3

80 10.4 7.8 11.6

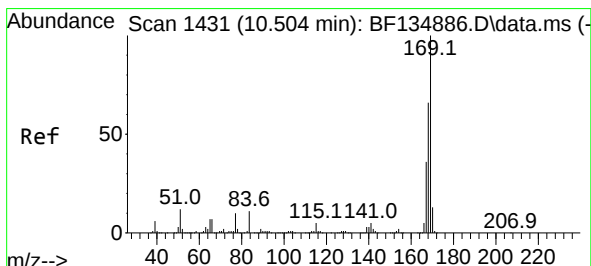
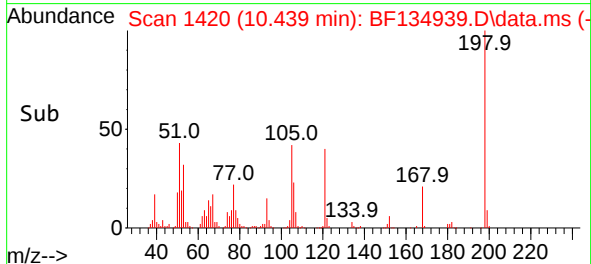
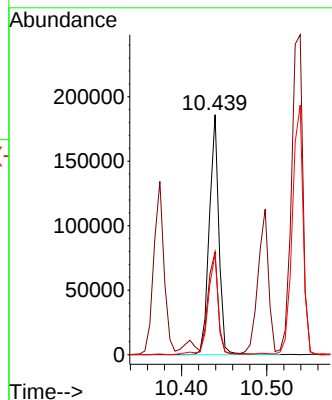
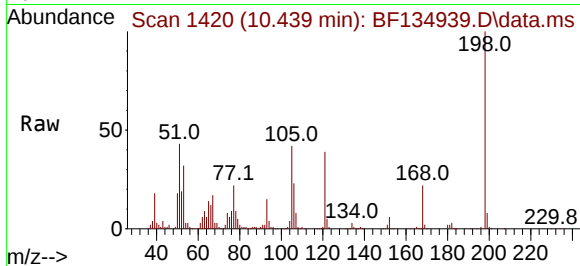




#65
4,6-Dinitro-2-methylphenol
Concen: 49.782 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

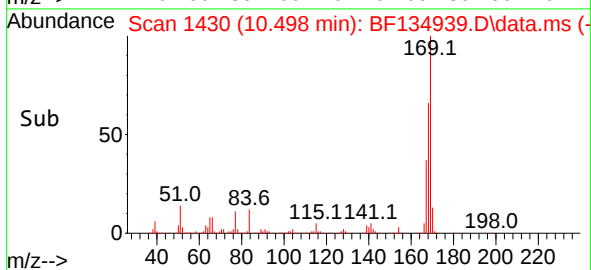
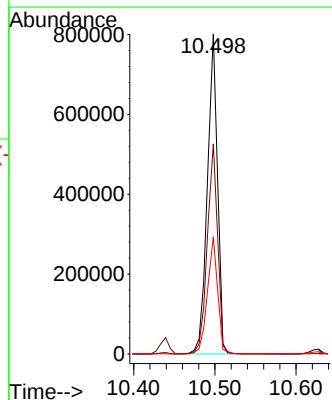
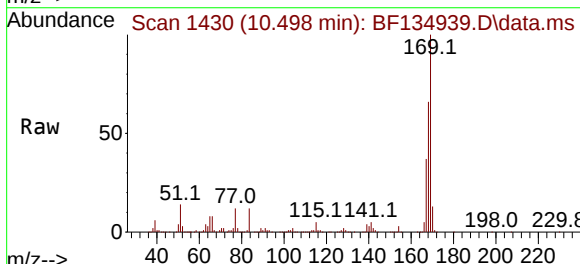
Instrument :
BNA_F
ClientSampleId :
PB155049BS

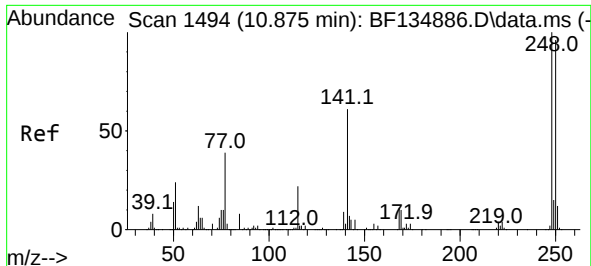
Tgt Ion:198 Resp: 145532
Ion Ratio Lower Upper
198 100
51 42.8 30.3 70.3
105 41.9 24.5 64.5



#66
n-Nitrosodiphenylamine
Concen: 43.550 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

Tgt Ion:169 Resp: 694815
Ion Ratio Lower Upper
169 100
168 65.7 53.0 79.6
167 36.6 29.0 43.6

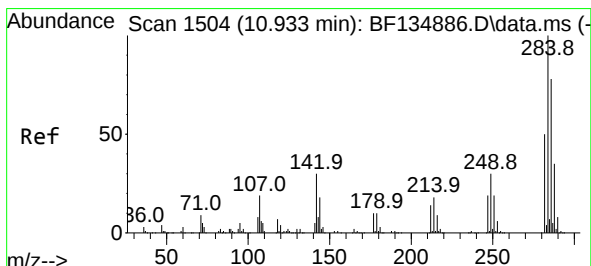
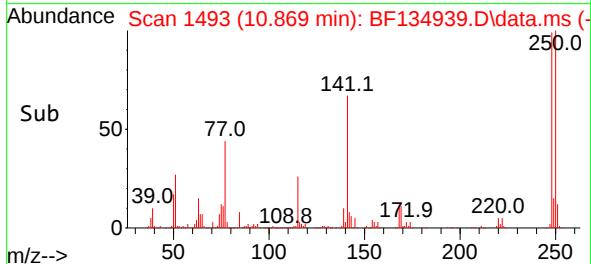
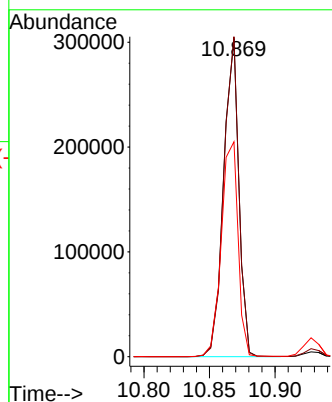
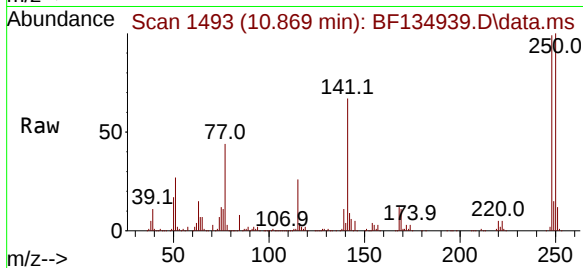




#67
4-Bromophenyl-phenylether
Concen: 42.991 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

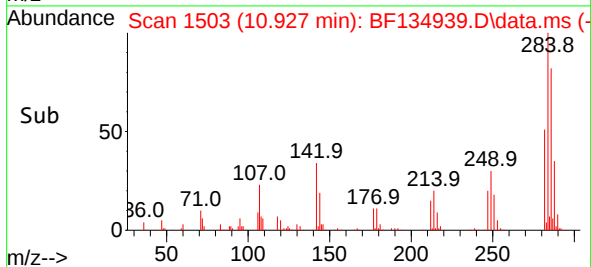
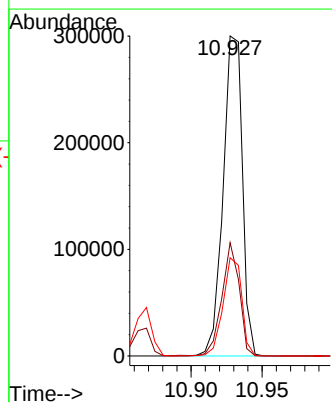
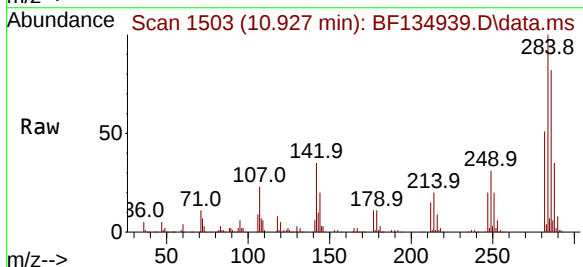
Instrument :
BNA_F
ClientSampleId :
PB155049BS

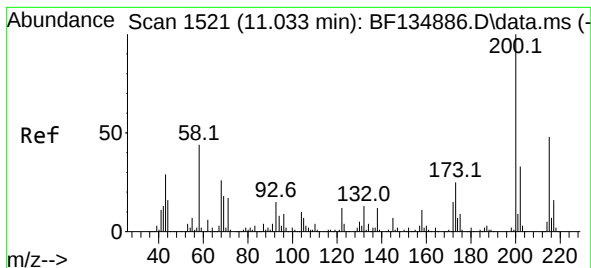
Tgt Ion:248 Resp: 245733
Ion Ratio Lower Upper
248 100
250 100.6 77.1 115.7
141 67.5 49.0 73.4



#68
Hexachlorobenzene
Concen: 46.557 ng
RT: 10.927 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

Tgt Ion:284 Resp: 283020
Ion Ratio Lower Upper
284 100
142 35.4 23.9 35.9
249 30.7 24.1 36.1





#69

Atrazine

Concen: 57.030 ng

RT: 11.033 min Scan# 1521

Delta R.T. 0.000 min

Lab File: BF134939.D

Acq: 25 Aug 2023 14:06

Instrument :

BNA_F

ClientSampleId :

PB155049BS

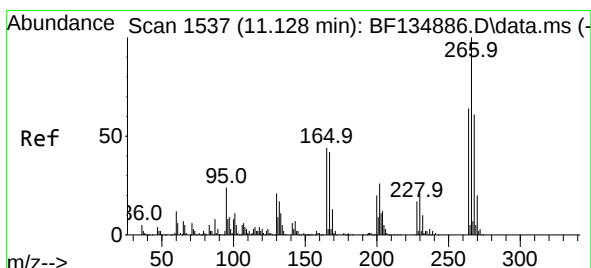
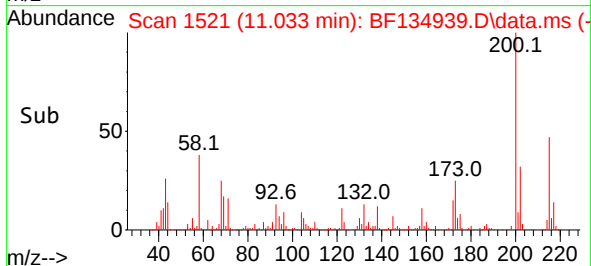
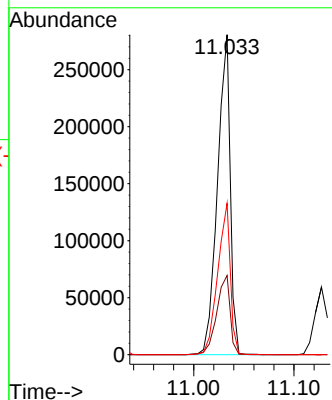
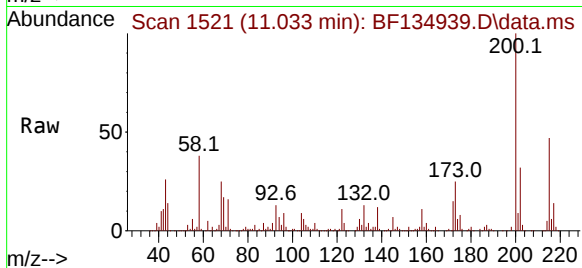
Tgt Ion:200 Resp: 247076

Ion Ratio Lower Upper

200 100

173 24.7 5.3 45.3

215 47.3 28.3 68.3



#70

Pentachlorophenol

Concen: 75.691 ng

RT: 11.127 min Scan# 1537

Delta R.T. -0.001 min

Lab File: BF134939.D

Acq: 25 Aug 2023 14:06

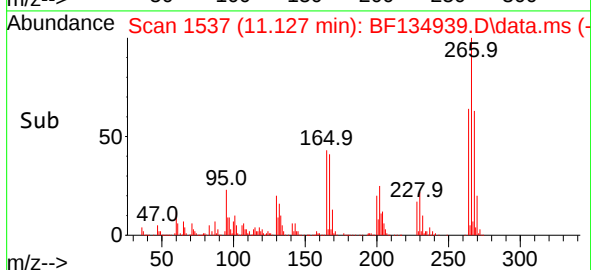
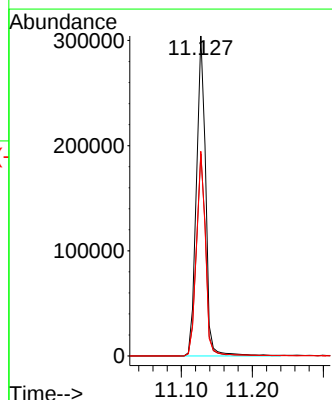
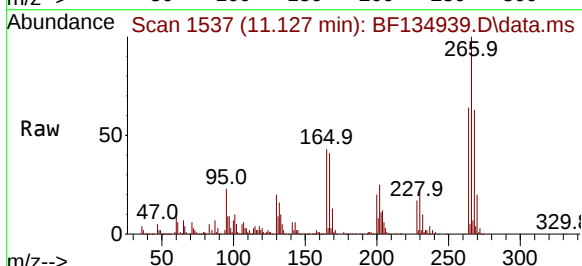
Tgt Ion:266 Resp: 276907

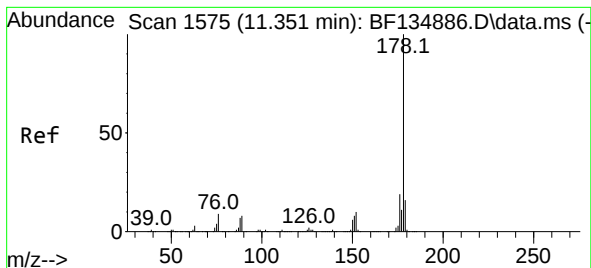
Ion Ratio Lower Upper

266 100

268 63.1 48.9 73.3

264 64.0 51.0 76.6

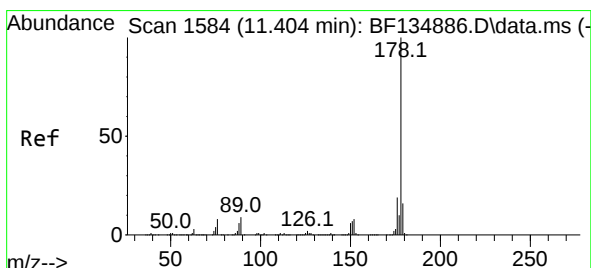
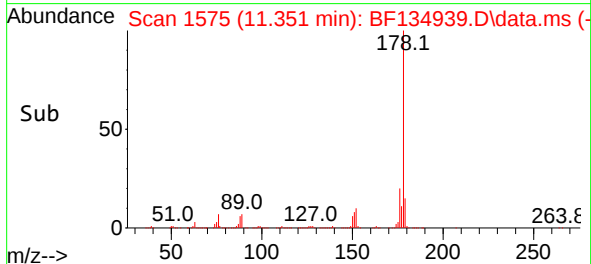
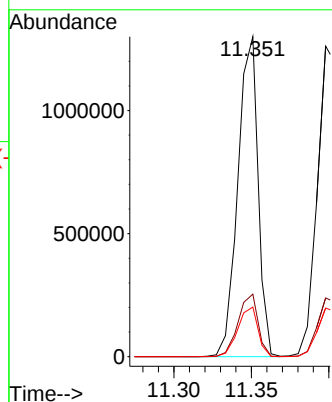
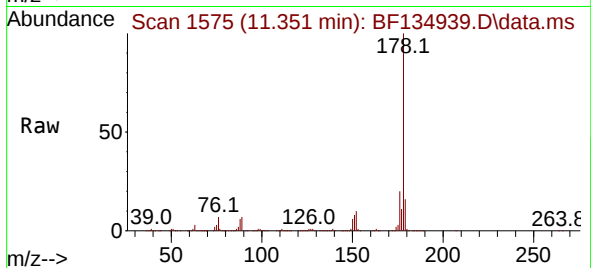




#71
Phenanthrene
Concen: 45.506 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

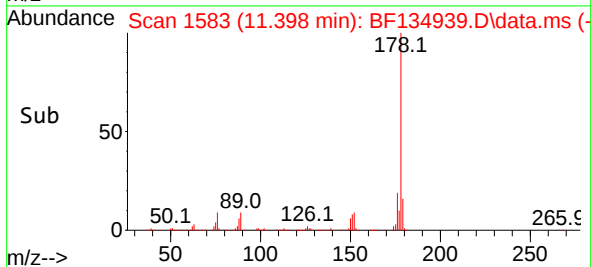
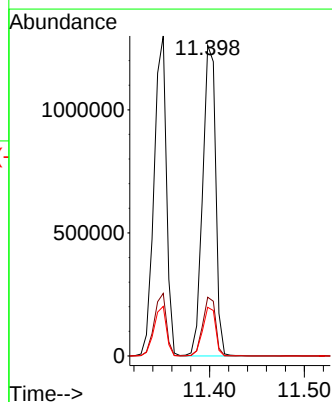
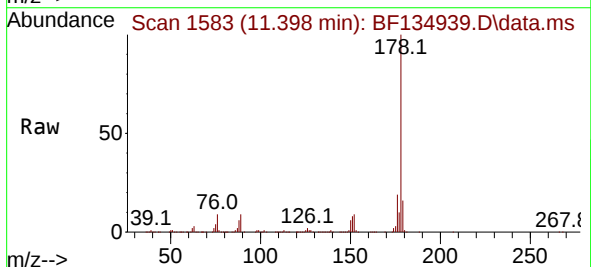
Instrument :
BNA_F
ClientSampleId :
PB155049BS

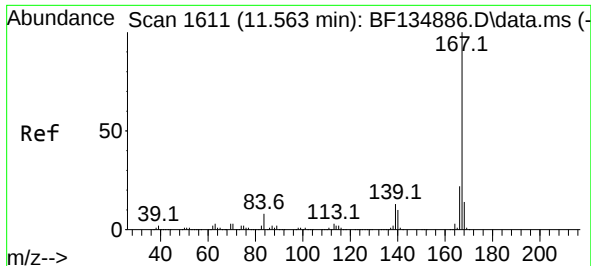
Tgt Ion:178 Resp: 1181429
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.5 12.6 19.0



#72
Anthracene
Concen: 45.221 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

Tgt Ion:178 Resp: 1202904
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.6 12.5 18.7

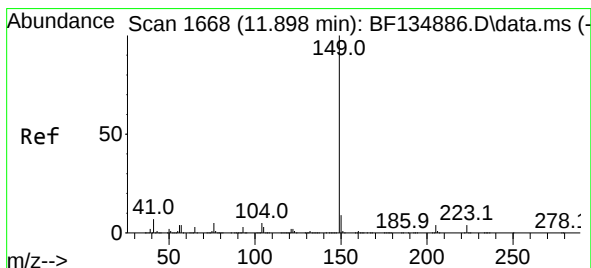
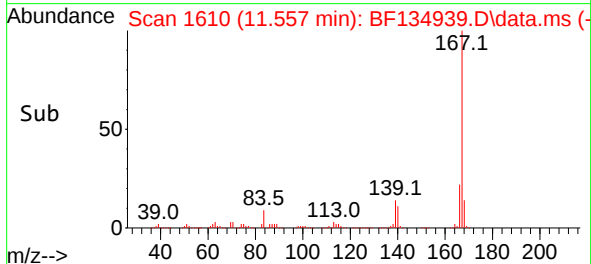
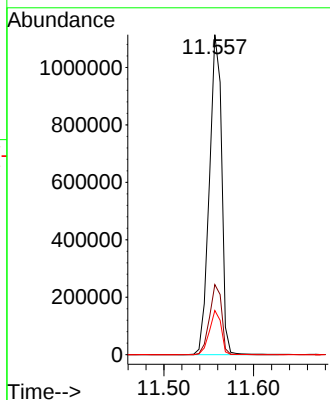
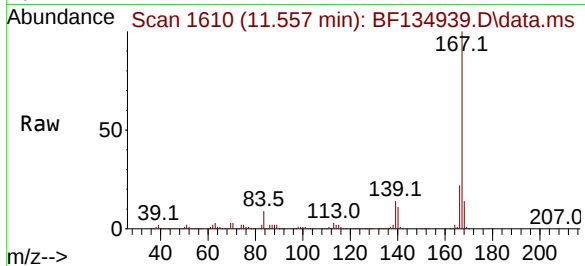




#73
 Carbazole
 Concen: 48.253 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. -0.006 min
 Lab File: BF134939.D
 Acq: 25 Aug 2023 14:06

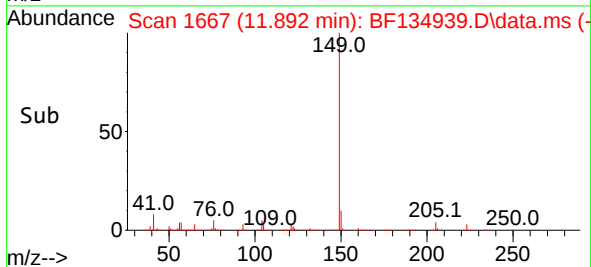
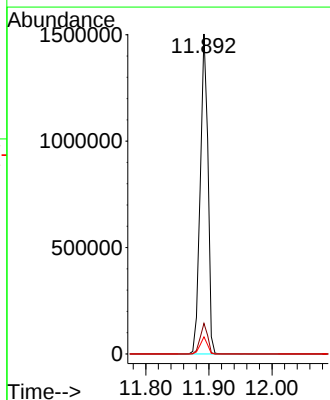
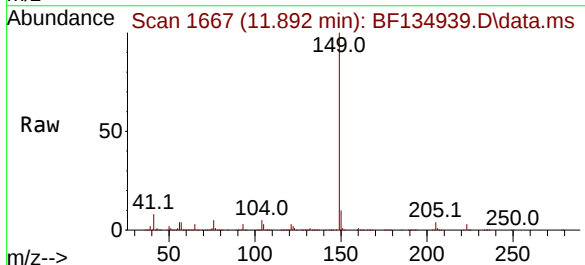
Instrument :
 BNA_F
 ClientSampleId :
 PB155049BS

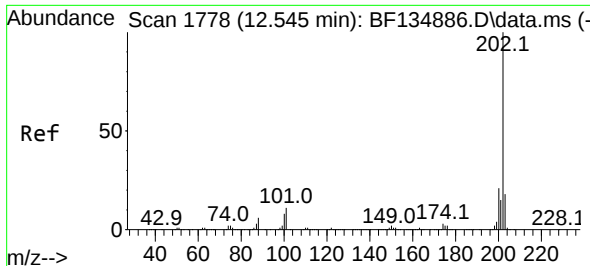
Tgt Ion:167 Resp: 1057668
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 13.8 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 50.077 ng
 RT: 11.892 min Scan# 1667
 Delta R.T. -0.006 min
 Lab File: BF134939.D
 Acq: 25 Aug 2023 14:06

Tgt Ion:149 Resp: 1258888
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 5.3 4.1 6.1

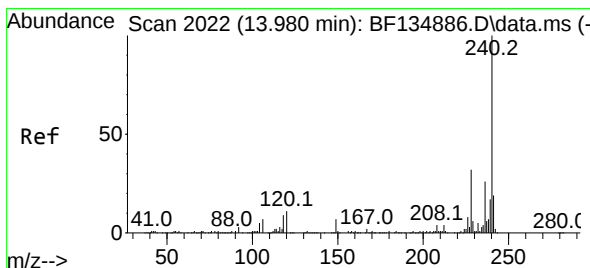
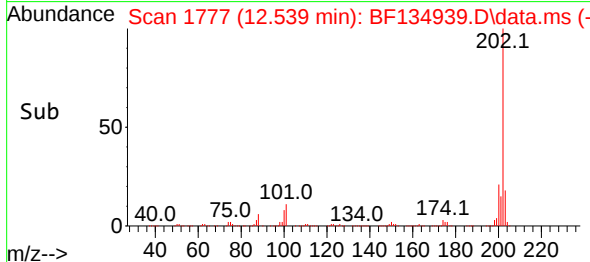
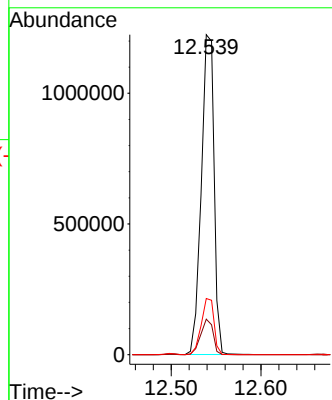
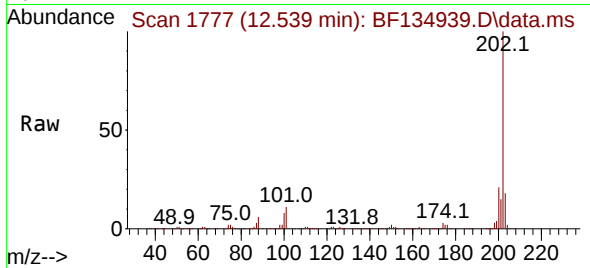




#75
Fluoranthene
Concen: 49.156 ng
RT: 12.539 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

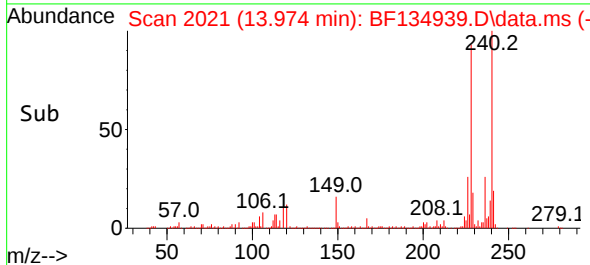
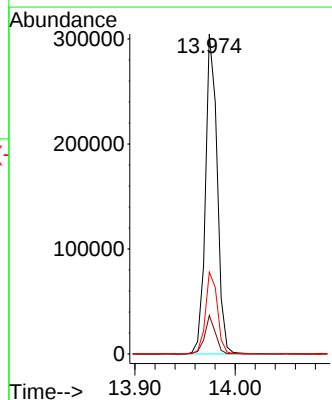
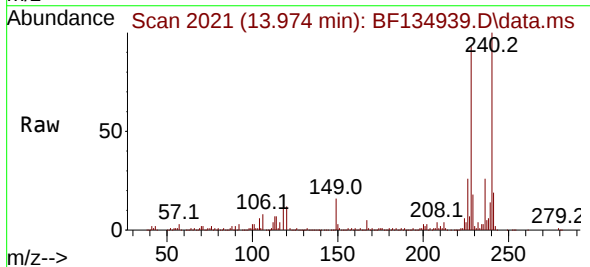
Instrument :
BNA_F
ClientSampleId :
PB155049BS

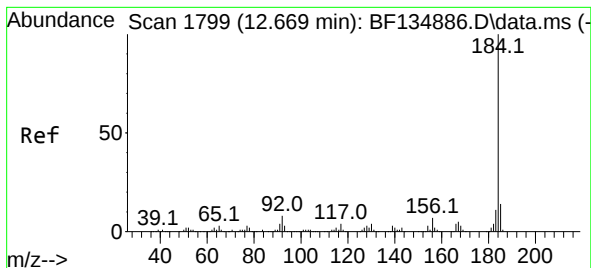
Tgt Ion:202 Resp: 1209188
Ion Ratio Lower Upper
202 100
101 11.1 0.0 30.5
203 17.5 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

Tgt Ion:240 Resp: 248833
Ion Ratio Lower Upper
240 100
120 12.1 8.6 12.8
236 25.6 20.6 31.0





#77

Benzidine

Concen: 72.559 ng

RT: 12.668 min Scan# 1799

Delta R.T. -0.001 min

Lab File: BF134939.D

Acq: 25 Aug 2023 14:06

Instrument :

BNA_F

ClientSampleId :

PB155049BS

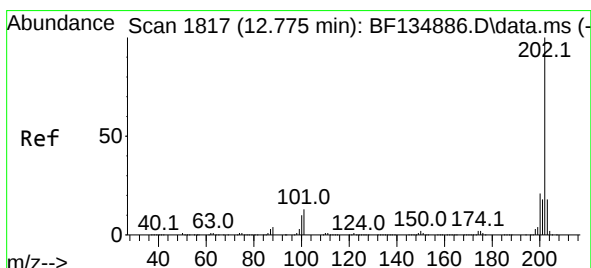
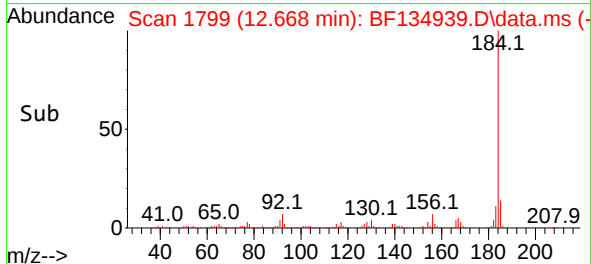
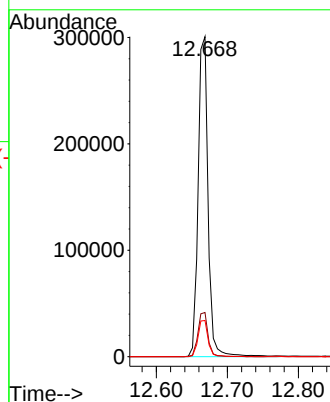
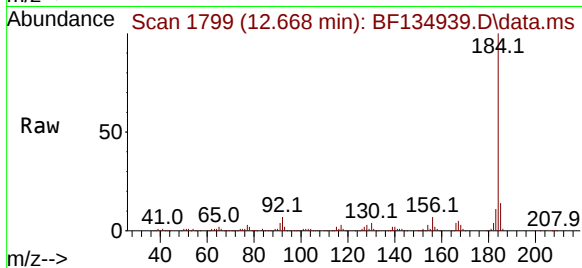
Tgt Ion:184 Resp: 292940

Ion Ratio Lower Upper

184 100

185 13.8 11.4 17.0

183 11.3 9.0 13.4



#78

Pyrene

Concen: 45.820 ng

RT: 12.774 min Scan# 1817

Delta R.T. -0.000 min

Lab File: BF134939.D

Acq: 25 Aug 2023 14:06

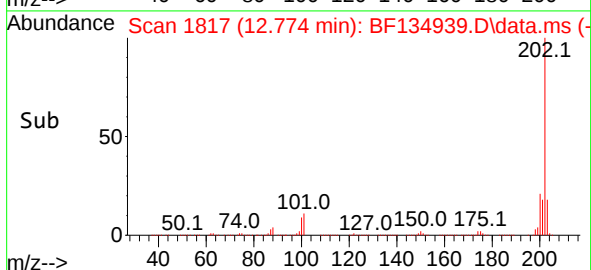
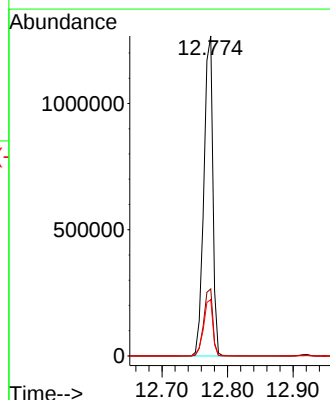
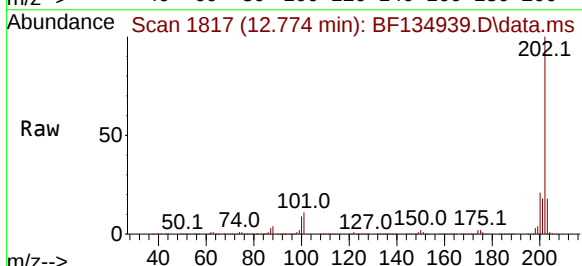
Tgt Ion:202 Resp: 1208853

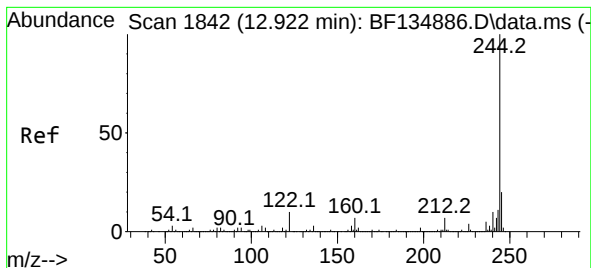
Ion Ratio Lower Upper

202 100

200 21.0 17.1 25.7

203 17.6 14.2 21.2





#79

Terphenyl-d14

Concen: 94.276 ng

RT: 12.921 min Scan# 11

Delta R.T. -0.001 min

Lab File: BF134939.D

Acq: 25 Aug 2023 14:06

Instrument :

BNA_F

ClientSampleId :

PB155049BS

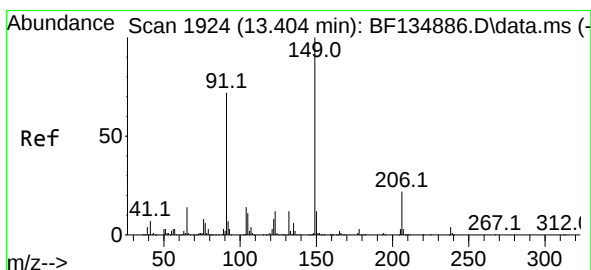
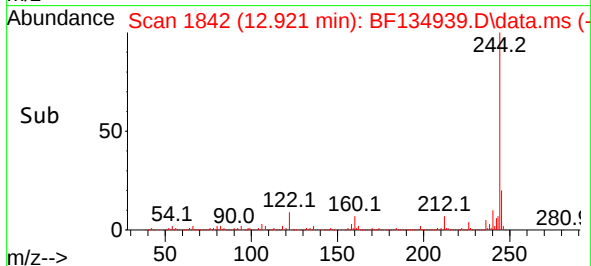
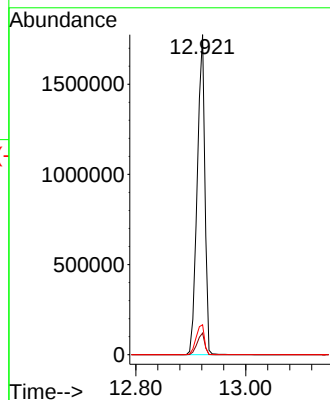
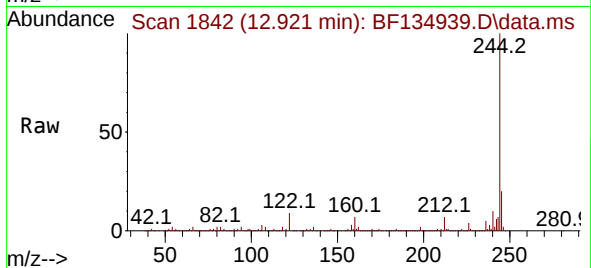
Tgt Ion:244 Resp: 1705605

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 9.3 8.2 12.4



#80

Butylbenzylphthalate

Concen: 54.782 ng

RT: 13.398 min Scan# 1923

Delta R.T. -0.006 min

Lab File: BF134939.D

Acq: 25 Aug 2023 14:06

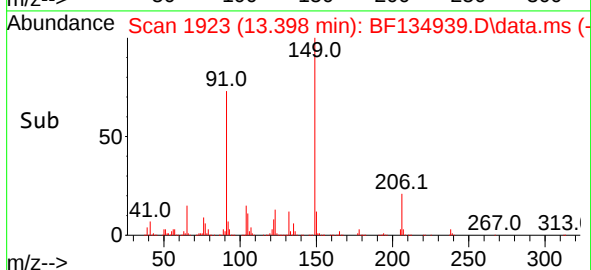
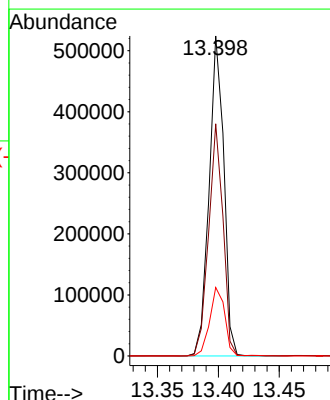
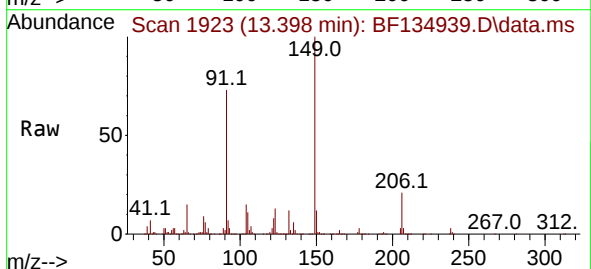
Tgt Ion:149 Resp: 440344

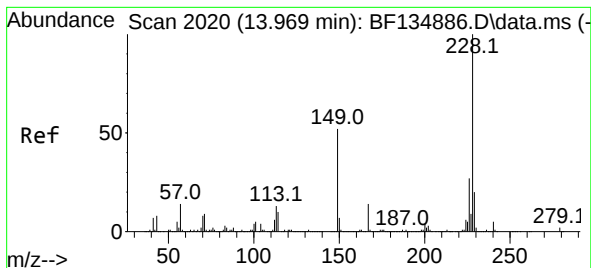
Ion Ratio Lower Upper

149 100

91 72.6 57.2 85.8

206 21.4 18.0 27.0





#81

Benzo(a)anthracene

Concen: 46.727 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF134939.D

Acq: 25 Aug 2023 14:06

Instrument :

BNA_F

ClientSampleId :

PB155049BS

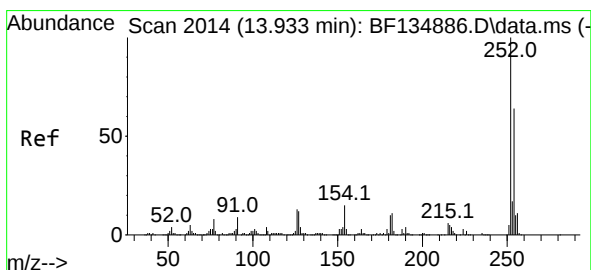
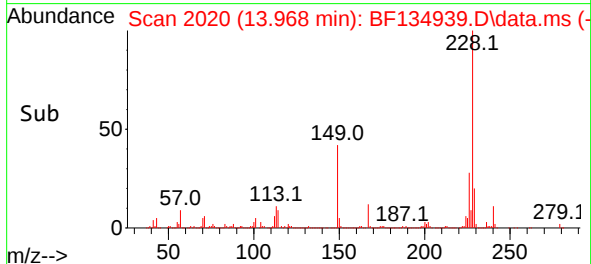
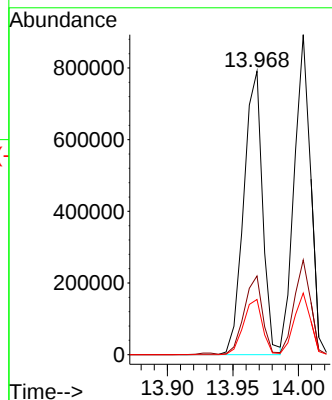
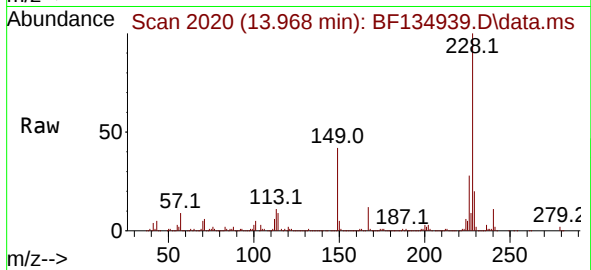
Tgt Ion:228 Resp: 793306

Ion Ratio Lower Upper

228 100

226 27.8 21.8 32.6

229 19.5 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 37.828 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF134939.D

Acq: 25 Aug 2023 14:06

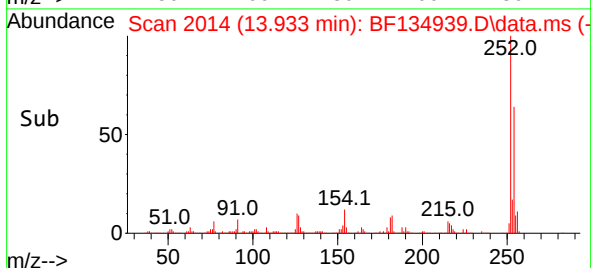
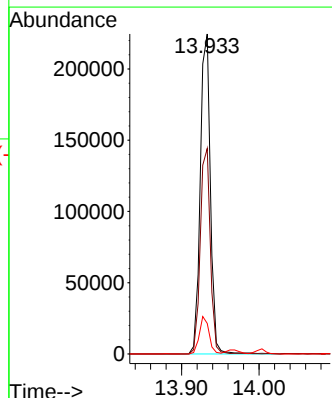
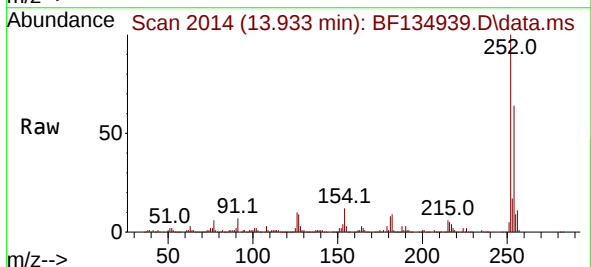
Tgt Ion:252 Resp: 203265

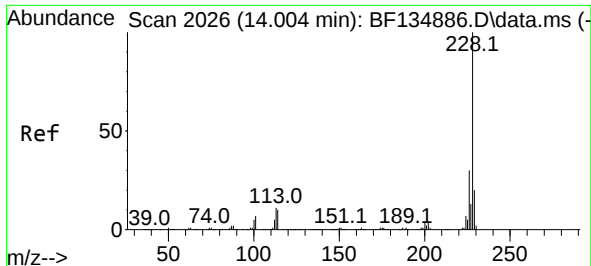
Ion Ratio Lower Upper

252 100

254 64.2 51.6 77.4

126 9.6 10.3 15.5#

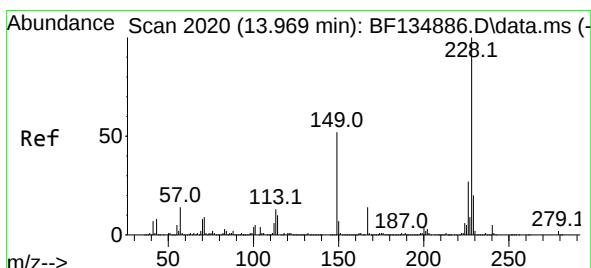
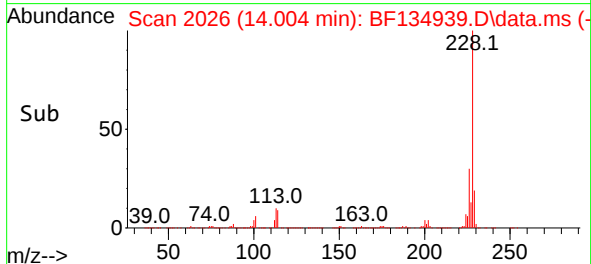
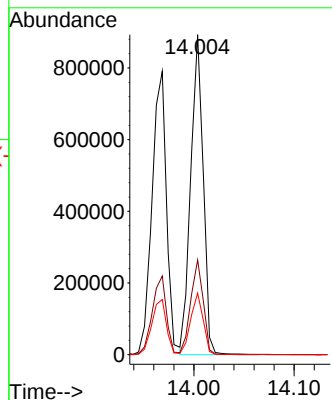
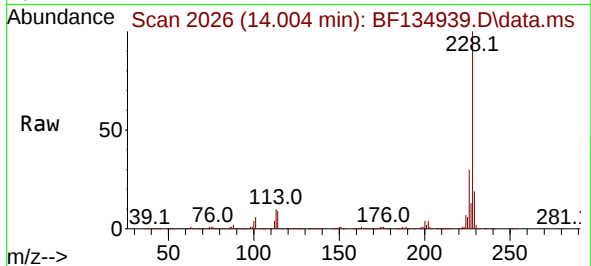




#83
Chrysene
Concen: 46.001 ng
RT: 14.004 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

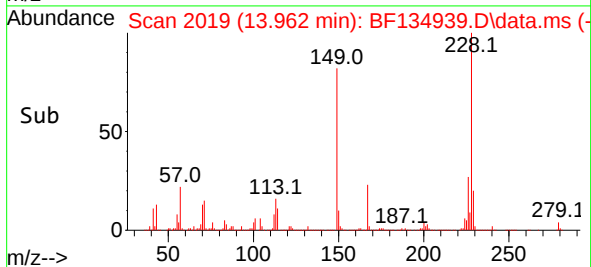
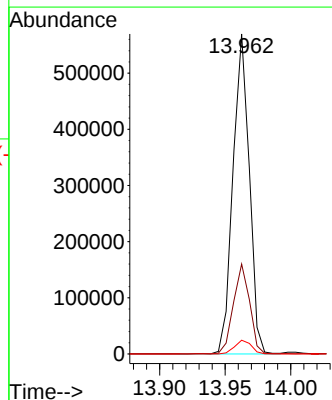
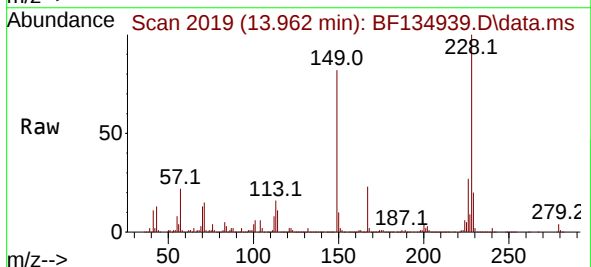
Instrument :
BNA_F
ClientSampleId :
PB155049BS

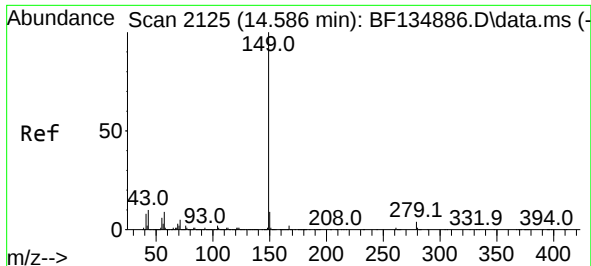
Tgt Ion:228 Resp: 770554
Ion Ratio Lower Upper
228 100
226 29.6 24.2 36.2
229 19.2 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 56.758 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

Tgt Ion:149 Resp: 494207
Ion Ratio Lower Upper
149 100
167 28.1 22.1 33.1
279 4.3 3.6 5.4

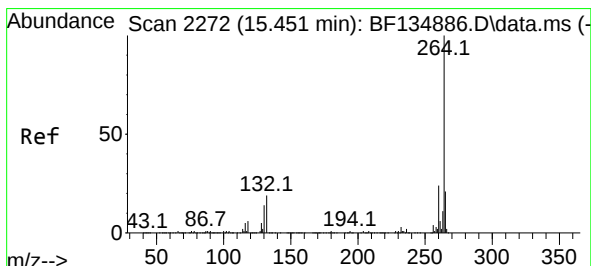
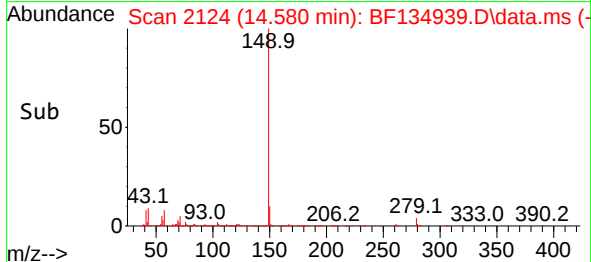
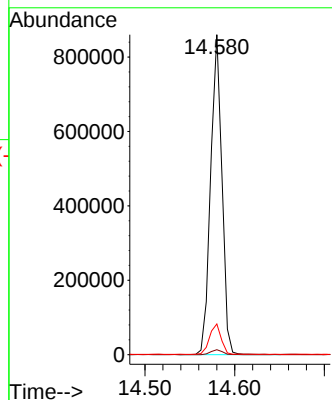
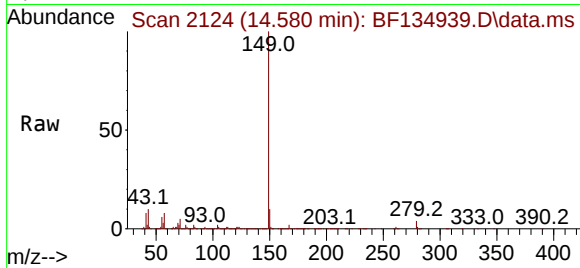




#85
Di-n-octyl phthalate
Concen: 52.912 ng
RT: 14.580 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

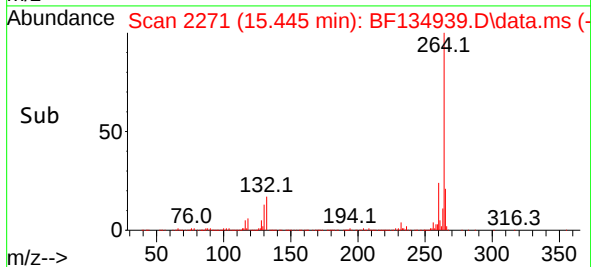
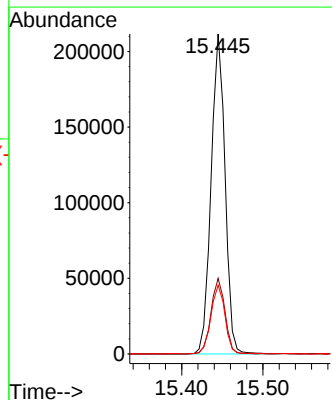
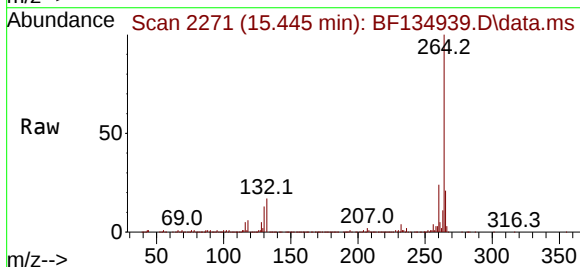
Instrument :
BNA_F
ClientSampleId :
PB155049BS

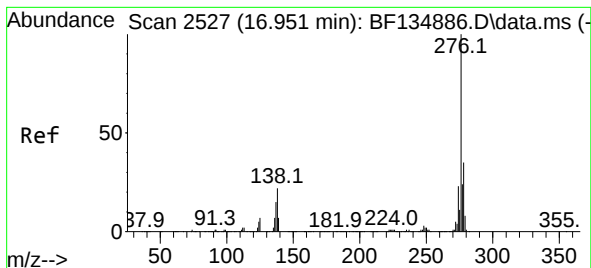
Tgt Ion:149 Resp: 751273
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.7 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.006 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

Tgt Ion:264 Resp: 252052
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.6
265 21.4 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.784 ng

RT: 16.945 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF134939.D

Acq: 25 Aug 2023 14:06

Instrument :

BNA_F

ClientSampleId :

PB155049BS

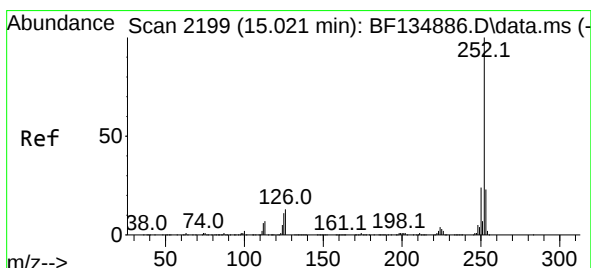
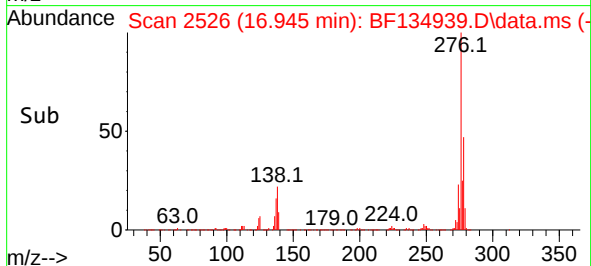
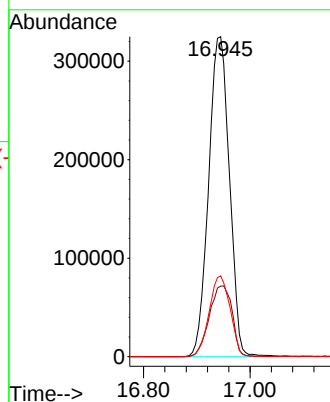
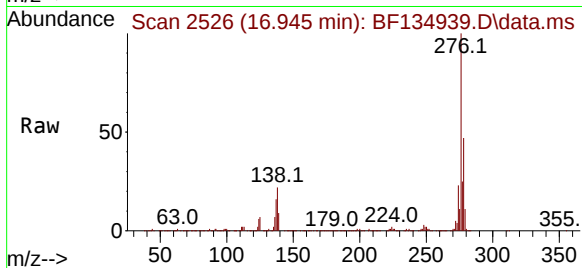
Tgt Ion:276 Resp: 878912

Ion Ratio Lower Upper

276 100

138 24.3 19.7 29.5

277 25.6 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 53.408 ng

RT: 15.015 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF134939.D

Acq: 25 Aug 2023 14:06

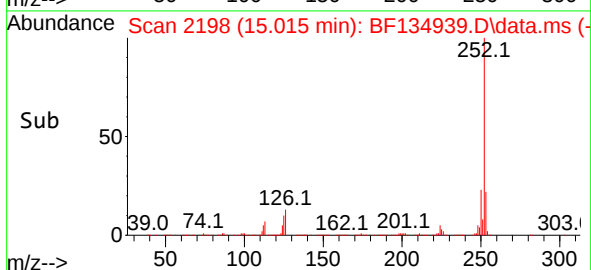
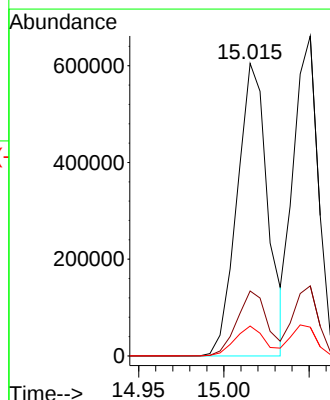
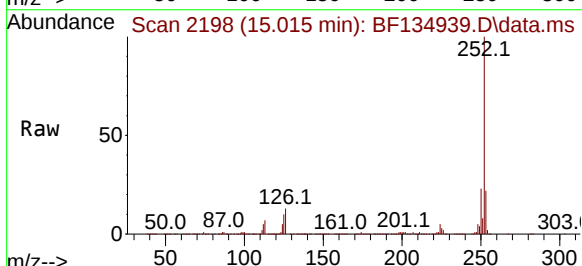
Tgt Ion:252 Resp: 759499

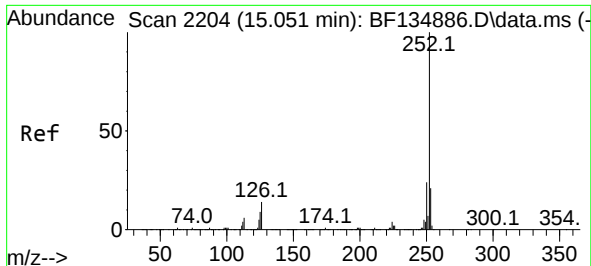
Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

125 10.3 8.4 12.6





#89

Benzo(k)fluoranthene

Concen: 48.204 ng

RT: 15.051 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF134939.D

Acq: 25 Aug 2023 14:06

Instrument :

BNA_F

ClientSampleId :

PB155049BS

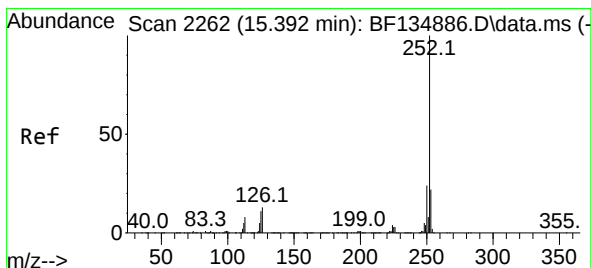
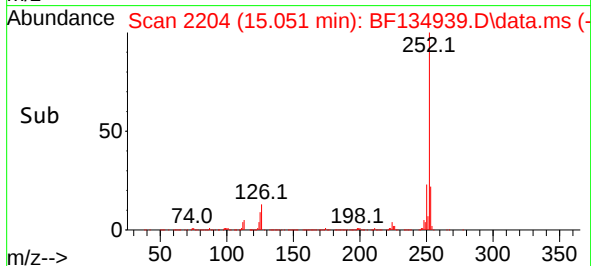
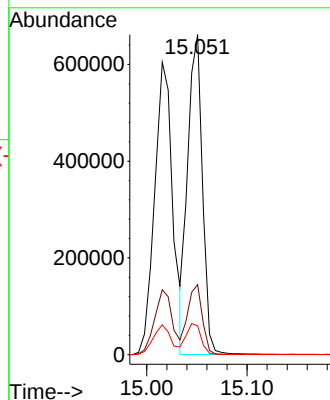
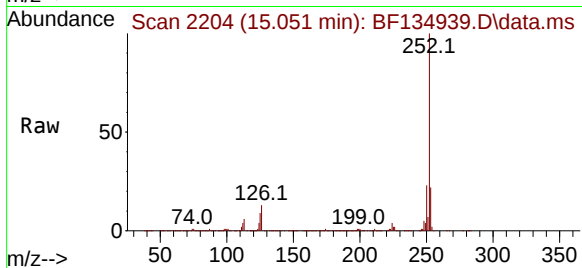
Tgt Ion:252 Resp: 673135

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

125 9.0 8.0 12.0



#90

Benzo(a)pyrene

Concen: 46.962 ng

RT: 15.386 min Scan# 2261

Delta R.T. -0.006 min

Lab File: BF134939.D

Acq: 25 Aug 2023 14:06

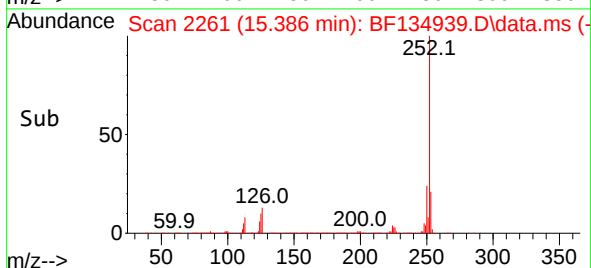
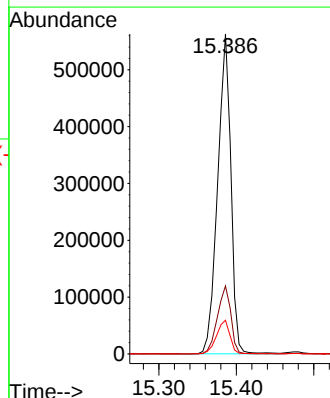
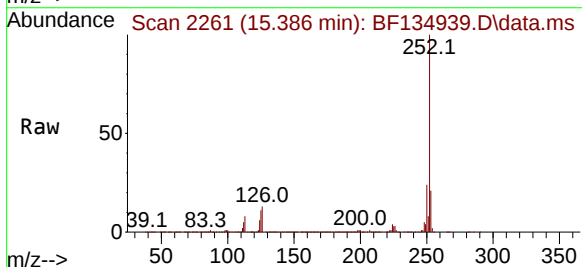
Tgt Ion:252 Resp: 666686

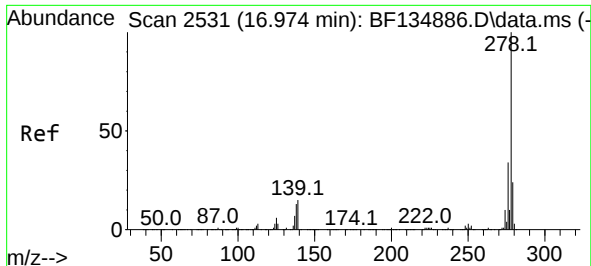
Ion Ratio Lower Upper

252 100

253 21.3 17.6 26.4

125 10.5 8.4 12.6

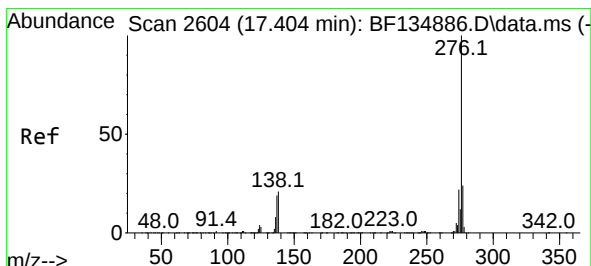
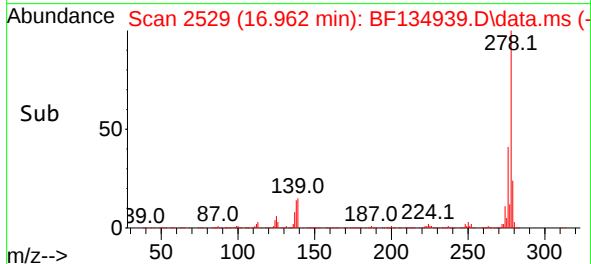
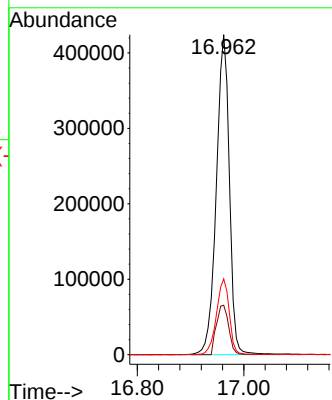
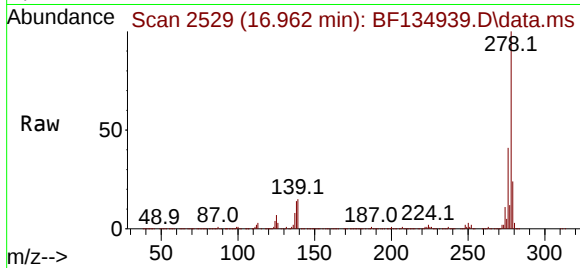




#91
Dibenzo(a,h)anthracene
Concen: 49.469 ng
RT: 16.962 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

Instrument :
BNA_F
ClientSampleId :
PB155049BS

Tgt Ion:278 Resp: 721134
Ion Ratio Lower Upper
278 100
139 15.5 12.2 18.4
279 23.7 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 47.232 ng
RT: 17.398 min Scan# 2603
Delta R.T. -0.006 min
Lab File: BF134939.D
Acq: 25 Aug 2023 14:06

Tgt Ion:276 Resp: 704830
Ion Ratio Lower Upper
276 100
277 24.3 19.2 28.8
138 21.3 17.0 25.6

