

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
 Data File : BF134959.D
 Acq On : 28 Aug 2023 09:59
 Operator : CG\JU
 Sample : PB155019BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155019BS

Quant Time: Aug 29 03:46:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 02:45:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	119951	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	478382	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	245519	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	458608	20.000	ng	0.00
76) Chrysene-d12	13.981	240	218662	20.000	ng	0.00
86) Perylene-d12	15.457	264	240130	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	971536	129.158	ng	0.01
7) Phenol-d6	6.440	99	1214934	126.400	ng	0.00
23) Nitrobenzene-d5	7.358	82	770660	88.770	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	372968	128.983	ng	0.00
45) 2-Fluorobiphenyl	9.152	172	1396425	87.925	ng	0.00
79) Terphenyl-d14	12.922	244	1487243	93.549	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.611	88	117685	36.050	ng	99
3) Pyridine	3.364	79	314550	35.756	ng	99
4) n-Nitrosodimethylamine	3.328	42	178459	45.882	ng	99
6) Aniline	6.458	93	380036	31.990	ng	# 68
8) 2-Chlorophenol	6.581	128	388616	49.236	ng	95
9) Benzaldehyde	6.346	77	144898	27.486	ng	100
10) Phenol	6.452	94	446967	45.419	ng	97
11) bis(2-Chloroethyl)ether	6.534	93	349938	46.878	ng	98
12) 1,3-Dichlorobenzene	6.734	146	395802	48.080	ng	100
13) 1,4-Dichlorobenzene	6.811	146	401164	48.688	ng	98
14) 1,2-Dichlorobenzene	6.963	146	391470	51.258	ng	98
15) Benzyl Alcohol	6.940	79	331356	49.615	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	487086	45.060	ng	100
17) 2-Methylphenol	7.052	107	306028	44.800	ng	97
18) Hexachloroethane	7.299	117	148337	49.744	ng	95
19) n-Nitroso-di-n-propyla...	7.210	70	251561	44.812	ng	98
20) 3+4-Methylphenols	7.205	107	361932	44.702	ng	97
22) Acetophenone	7.205	105	495642	46.876	ng	98
24) Nitrobenzene	7.381	77	396781	45.548	ng	96
25) Isophorone	7.616	82	709419	43.762	ng	99
26) 2-Nitrophenol	7.693	139	203673	46.963	ng	98
27) 2,4-Dimethylphenol	7.734	122	311448	44.030	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	426646	44.158	ng	99
29) 2,4-Dichlorophenol	7.934	162	320601	45.872	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	345866	46.613	ng	99
31) Naphthalene	8.099	128	1082850	45.332	ng	100
32) Benzoic acid	7.863	122	251716	48.219	ng	94
33) 4-Chloroaniline	8.146	127	201675	19.678	ng	99
34) Hexachlorobutadiene	8.210	225	203184	46.043	ng	99
35) Caprolactam	8.516	113	56081	25.705	ng	97
36) 4-Chloro-3-methylphenol	8.634	107	343483	46.571	ng	98
37) 2-Methylnaphthalene	8.787	142	688719	43.234	ng	99
38) 1-Methylnaphthalene	8.887	142	656087	44.046	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	336805	45.019	ng	99
41) Hexachlorocyclopentadiene	8.940	237	310778	93.826	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	225564	45.652	ng	99

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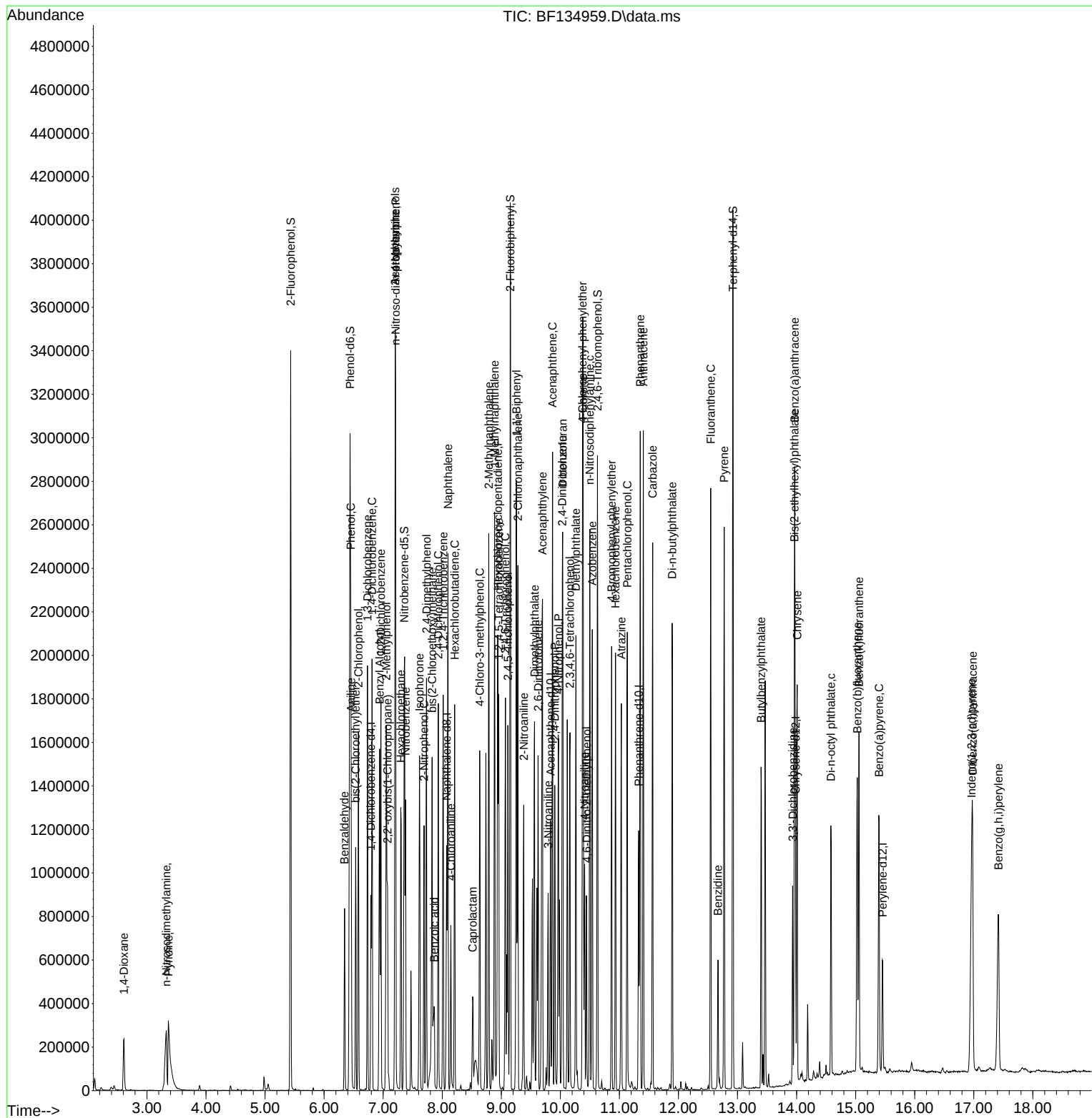
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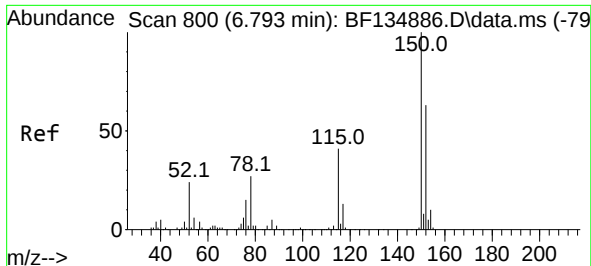
Quant Time: Aug 29 03:46:13 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	239438	41.857	ng	98
46) 1,1'-Biphenyl	9.257	154	878423	45.319	ng	99
47) 2-Chloronaphthalene	9.281	162	669608	46.258	ng	100
48) 2-Nitroaniline	9.381	65	215621	45.314	ng	94
49) Acenaphthylene	9.699	152	1034070	46.387	ng	99
50) Dimethylphthalate	9.563	163	780878	44.682	ng	99
51) 2,6-Dinitrotoluene	9.622	165	180559	46.843	ng	89
52) Acenaphthene	9.869	154	622282	44.311	ng	99
53) 3-Nitroaniline	9.793	138	132195	31.400	ng	98
54) 2,4-Dinitrophenol	9.904	184	186424	102.218	ng	# 86
55) Dibenzofuran	10.040	168	920730	45.031	ng	97
56) 4-Nitrophenol	9.969	139	285293	97.240	ng	94
57) 2,4-Dinitrotoluene	10.034	165	232331	48.739	ng	99
58) Fluorene	10.387	166	710274	45.801	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	208295	46.736	ng	98
60) Diethylphthalate	10.263	149	732424	45.743	ng	100
61) 4-Chlorophenyl-phenyle...	10.375	204	349579	44.968	ng	96
62) 4-Nitroaniline	10.410	138	186780	47.459	ng	99
63) Azobenzene	10.540	77	703966	44.257	ng	99
65) 4,6-Dinitro-2-methylph...	10.446	198	130466	48.212	ng	83
66) n-Nitrosodiphenylamine	10.499	169	640089	43.342	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	228319	43.153	ng	# 93
68) Hexachlorobenzene	10.934	284	257499	45.760	ng	97
69) Atrazine	11.034	200	217494	54.234	ng	98
70) Pentachlorophenol	11.134	266	241692	71.370	ng	98
71) Phenanthrene	11.351	178	1088600	45.298	ng	99
72) Anthracene	11.404	178	1103212	44.804	ng	100
73) Carbazole	11.563	167	959778	47.303	ng	100
74) Di-n-butylphthalate	11.893	149	1083887	46.578	ng	100
75) Fluoranthene	12.545	202	1065858	46.809	ng	99
77) Benzidine	12.669	184	215992	60.881	ng	99
78) Pyrene	12.775	202	1058202	45.644	ng	100
80) Butylbenzylphthalate	13.398	149	342538	48.494	ng	97
81) Benzo(a)anthracene	13.969	228	699652	46.897	ng	100
82) 3,3'-Dichlorobenzidine	13.934	252	176123	37.300	ng	97
83) Chrysene	14.010	228	666129	45.254	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	359287	46.956	ng	99
85) Di-n-octyl phthalate	14.581	149	573314	45.950	ng	99
87) Indeno(1,2,3-cd)pyrene	16.963	276	807690	47.057	ng	99
88) Benzo(b)fluoranthene	15.028	252	684945	50.557	ng	98
89) Benzo(k)fluoranthene	15.057	252	647714	48.686	ng	99
90) Benzo(a)pyrene	15.398	252	625593	46.256	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	649894	46.796	ng	99
92) Benzo(g,h,i)perylene	17.416	276	632183	44.467	ng	100

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

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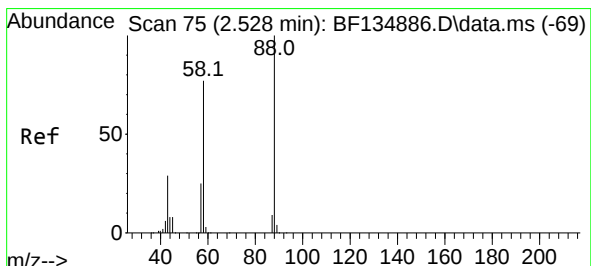
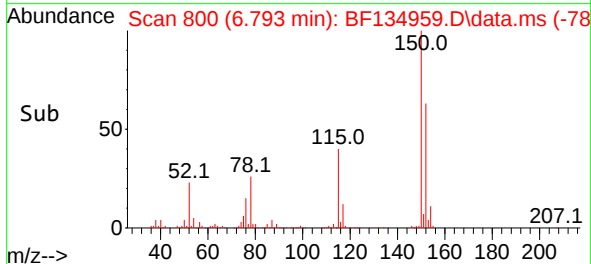
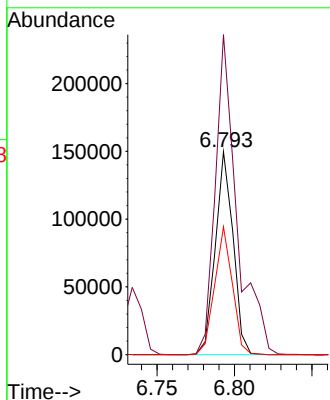
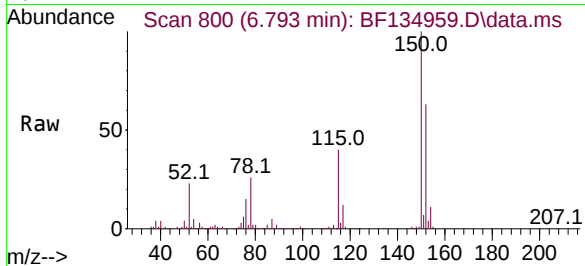




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF134959.D
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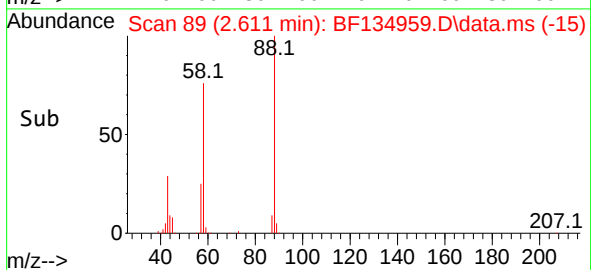
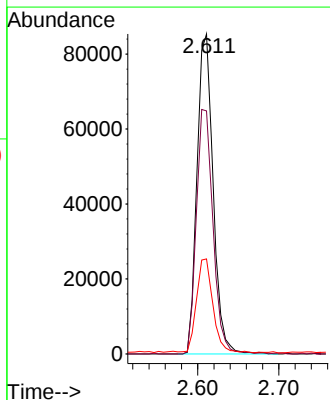
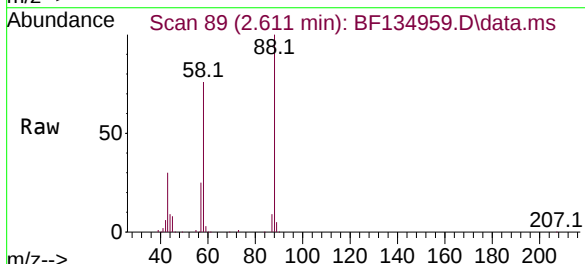
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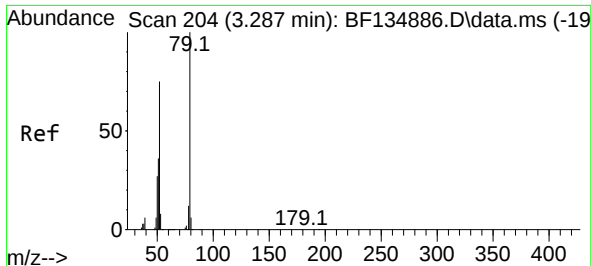
Tgt Ion:152 Resp: 119951
 Ion Ratio Lower Upper
 152 100
 150 157.7 126.1 189.1
 115 62.9 51.1 76.7



#2
 1,4-Dioxane
 Concen: 36.050 ng
 RT: 2.611 min Scan# 89
 Delta R.T. 0.083 min
 Lab File: BF134959.D
 Acq: 28 Aug 2023 09:59

Tgt Ion: 88 Resp: 117685
 Ion Ratio Lower Upper
 88 100
 58 78.9 62.6 93.8
 43 29.8 23.3 34.9

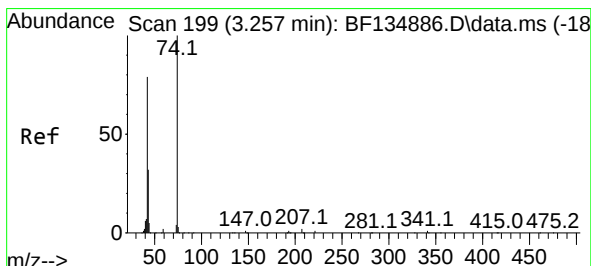
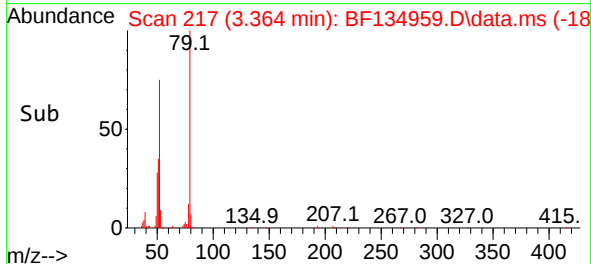
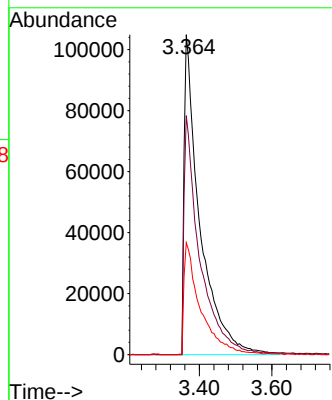
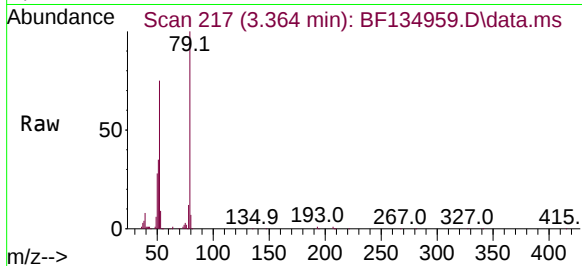




#3
Pyridine
Concen: 35.756 ng
RT: 3.364 min Scan# 211
Delta R.T. 0.077 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

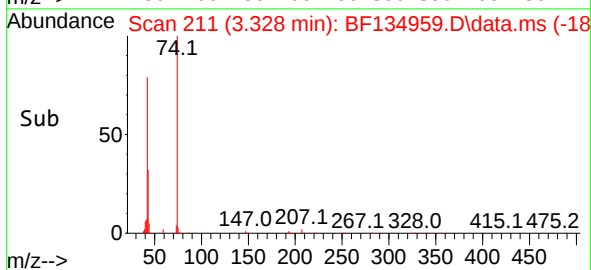
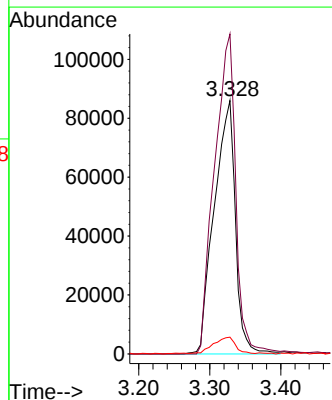
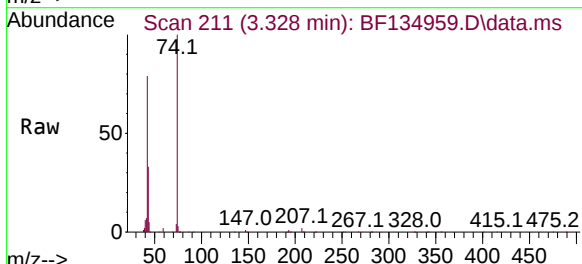
Instrument :
BNA_F
ClientSampleId :
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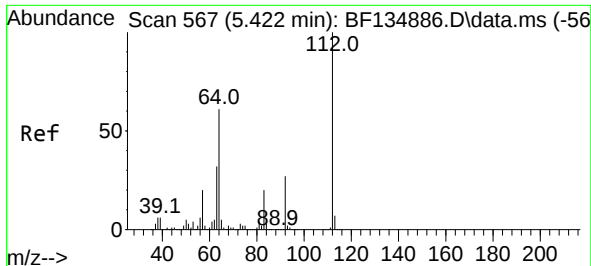
Tgt Ion: 79 Resp: 314550
Ion Ratio Lower Upper
79 100
52 74.7 60.1 90.1
51 35.0 29.4 44.0



#4
n-Nitrosodimethylamine
Concen: 45.882 ng
RT: 3.328 min Scan# 211
Delta R.T. 0.071 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion: 42 Resp: 178459
Ion Ratio Lower Upper
42 100
74 126.3 101.8 152.8
44 6.6 5.4 8.0

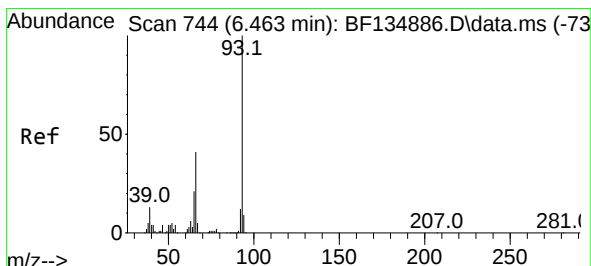
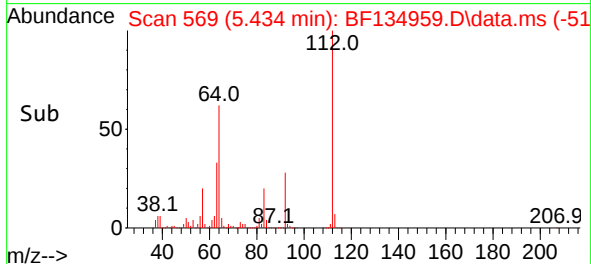
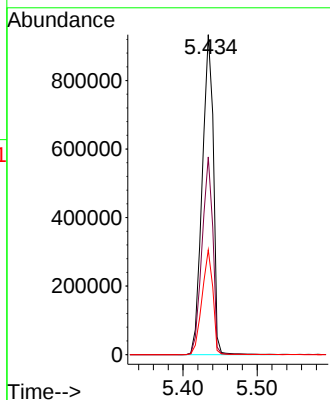
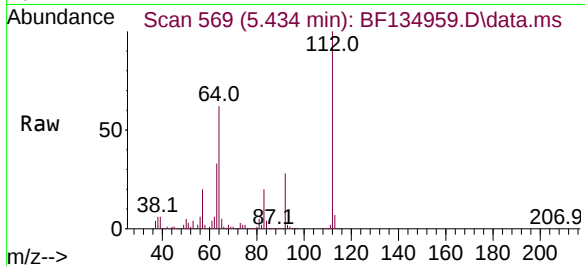




#5
2-Fluorophenol
Concen: 129.158 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

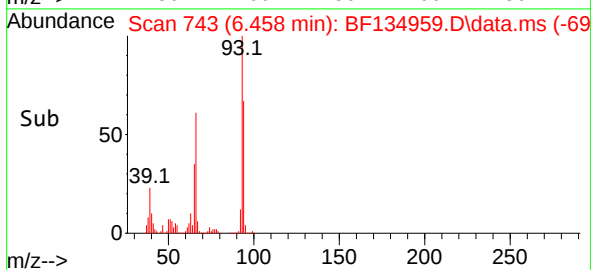
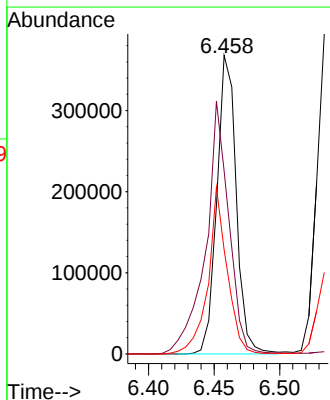
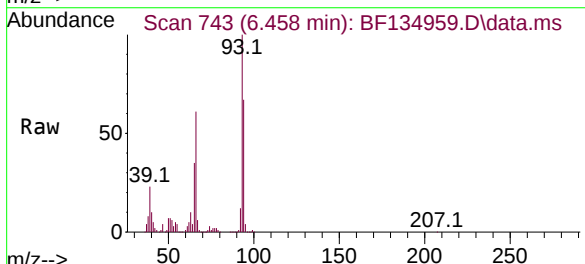
Instrument :
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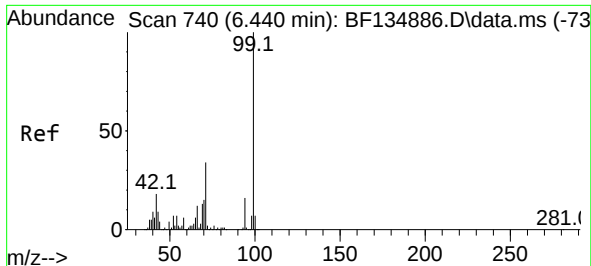
Tgt Ion:112 Resp: 971536
Ion Ratio Lower Upper
112 100
64 61.8 48.6 73.0
63 32.7 25.7 38.5



#6
Aniline
Concen: 31.990 ng
RT: 6.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion: 93 Resp: 380036
Ion Ratio Lower Upper
93 100
66 61.3 32.7 49.1#
65 34.9 16.7 25.1#





#7

Phenol-d6

Concen: 126.400 ng

RT: 6.440 min Scan# 740

Delta R.T. 0.000 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

Instrument :

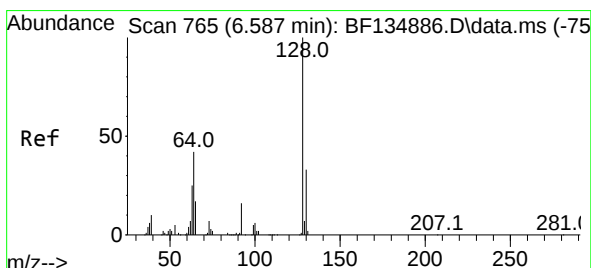
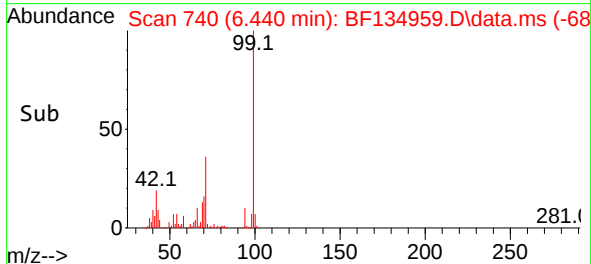
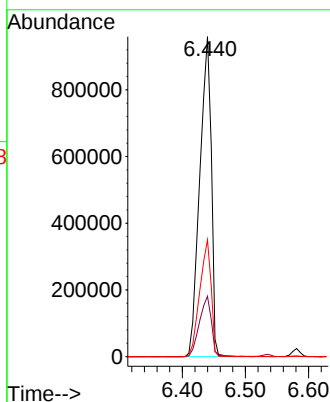
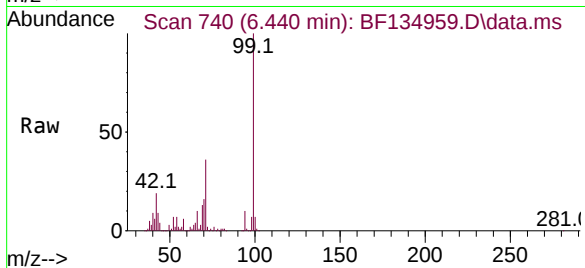
BNA_F

ClientSampleId :

PB155019BS

Tgt Ion: 99 Resp: 1214934

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.6	22.0
71	36.5	27.6	41.4



#8

2-Chlorophenol

Concen: 49.236 ng

RT: 6.581 min Scan# 764

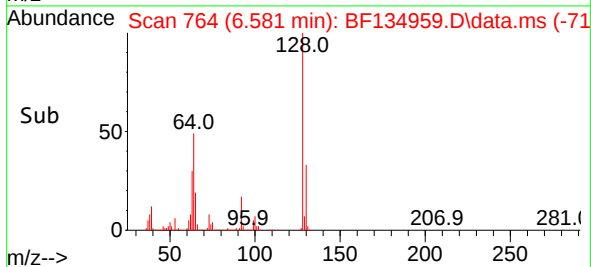
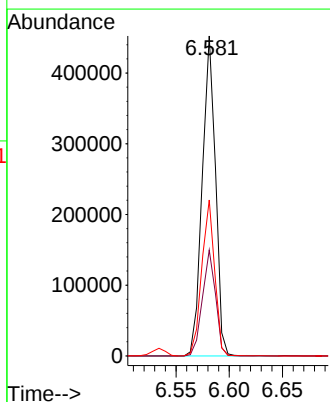
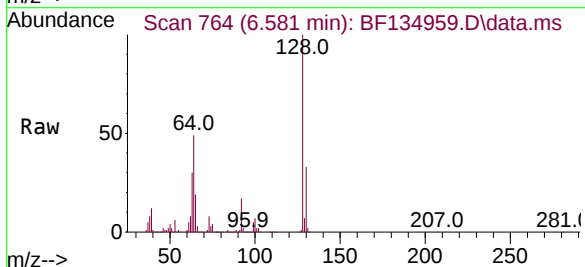
Delta R.T. -0.006 min

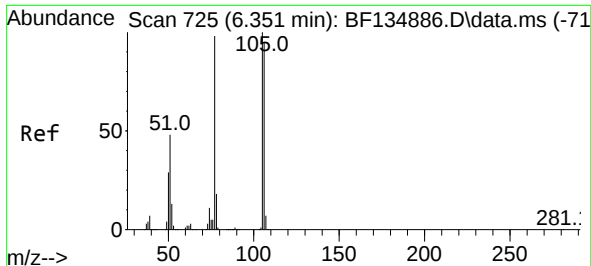
Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

Tgt Ion: 128 Resp: 388616

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.0	53.0
64	48.7	23.4	63.4





#9

Benzaldehyde

Concen: 27.486 ng

RT: 6.346 min Scan# 71

Delta R.T. -0.005 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

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BNA_F

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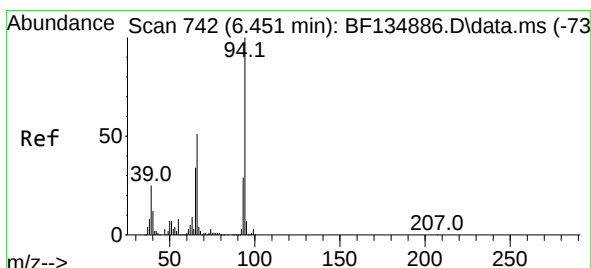
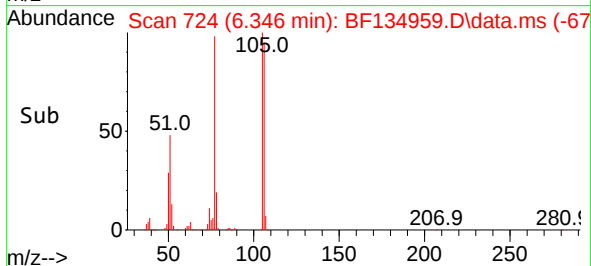
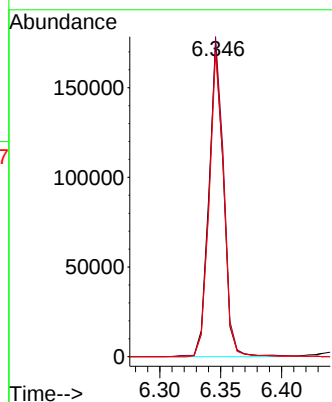
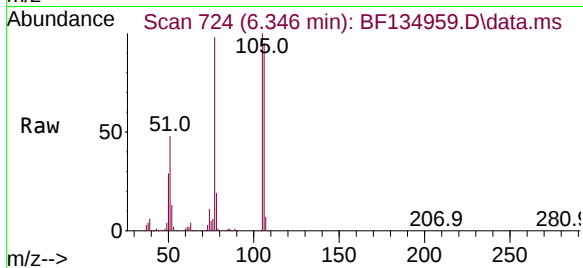
Tgt Ion: 77 Resp: 144898

Ion Ratio Lower Upper

77 100

105 102.5 82.4 122.4

106 97.5 77.2 117.2



#10

Phenol

Concen: 45.419 ng

RT: 6.452 min Scan# 742

Delta R.T. 0.000 min

Lab File: BF134959.D

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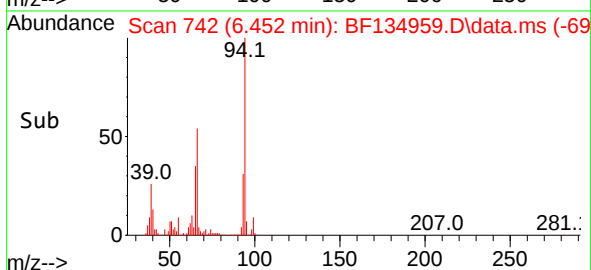
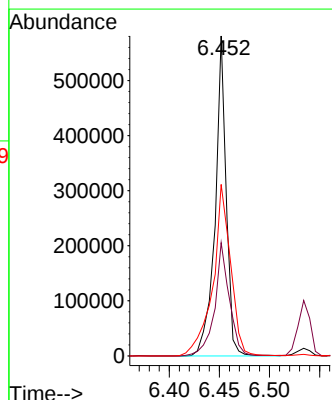
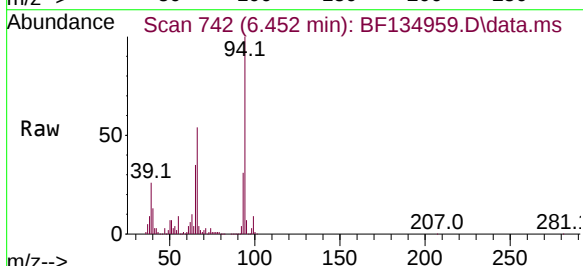
Tgt Ion: 94 Resp: 446967

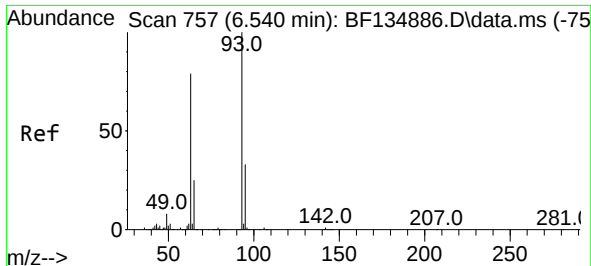
Ion Ratio Lower Upper

94 100

65 35.4 14.0 54.0

66 53.6 31.1 71.1





#11

bis(2-Chloroethyl)ether

Concen: 46.878 ng

RT: 6.534 min Scan# 757

Delta R.T. -0.006 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB155019BS

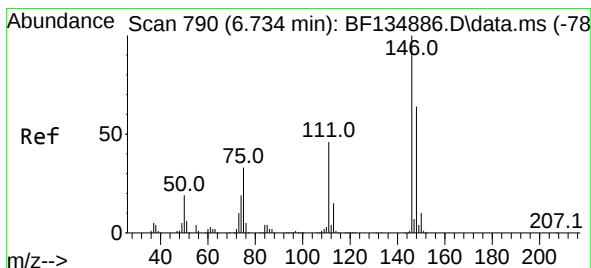
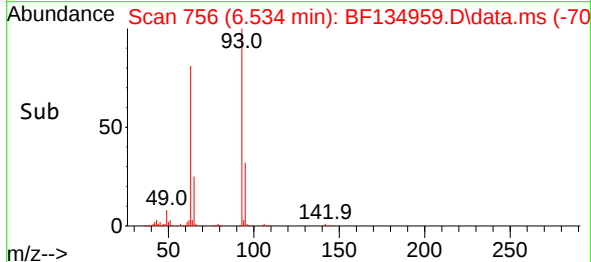
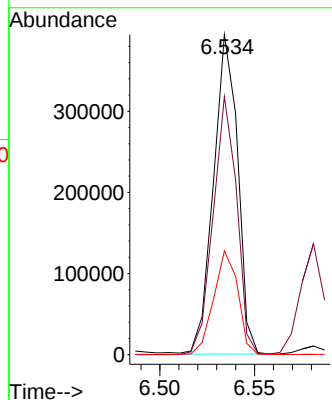
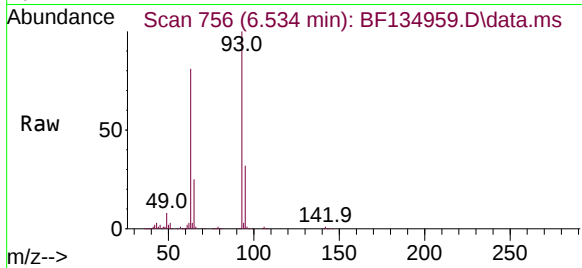
Tgt Ion: 93 Resp: 349938

Ion Ratio Lower Upper

93 100

63 80.6 58.7 98.7

95 32.4 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 48.080 ng

RT: 6.734 min Scan# 790

Delta R.T. 0.000 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

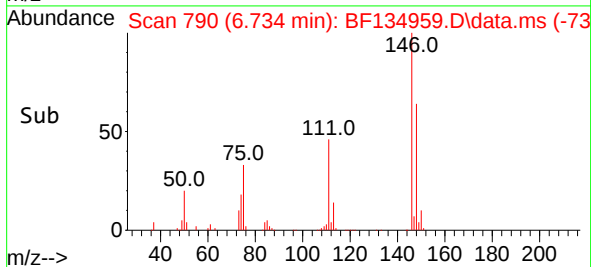
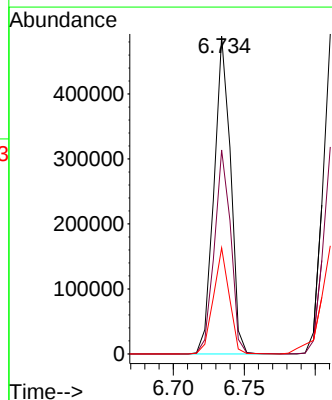
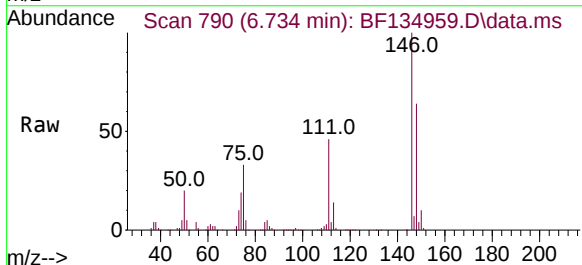
Tgt Ion:146 Resp: 395802

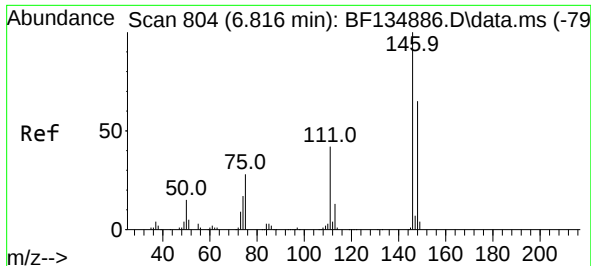
Ion Ratio Lower Upper

146 100

148 64.2 51.2 76.8

75 33.4 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 48.688 ng

RT: 6.811 min Scan# 804

Delta R.T. -0.006 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB155019BS

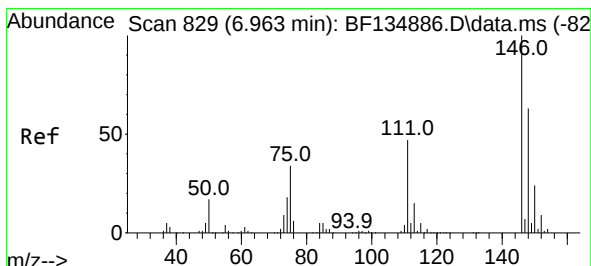
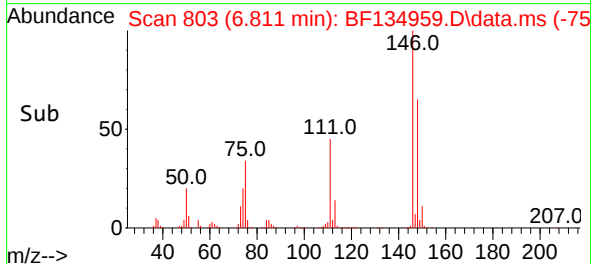
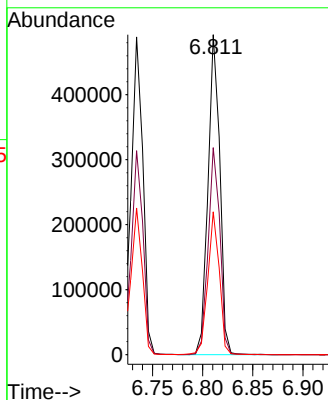
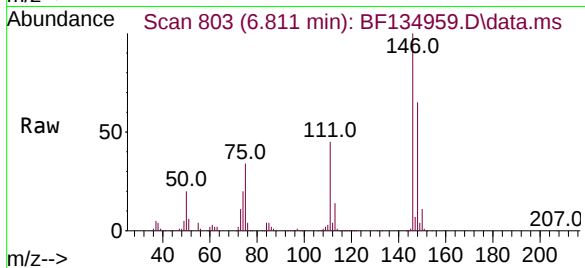
Tgt Ion:146 Resp: 401164

Ion Ratio Lower Upper

146 100

148 64.7 52.1 78.1

111 44.6 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 51.258 ng

RT: 6.963 min Scan# 829

Delta R.T. 0.000 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

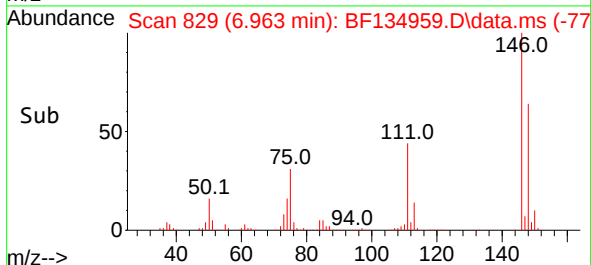
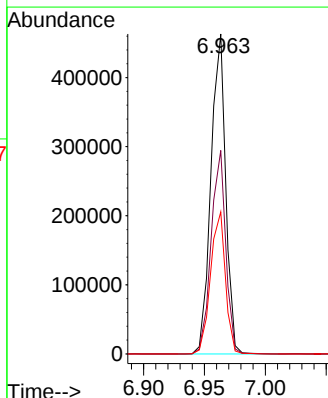
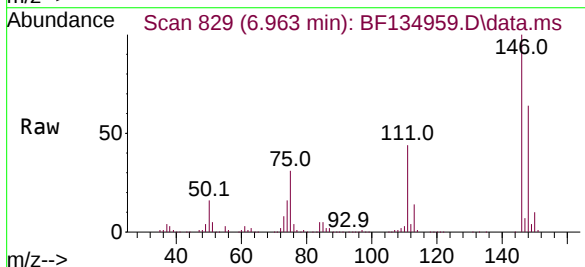
Tgt Ion:146 Resp: 391470

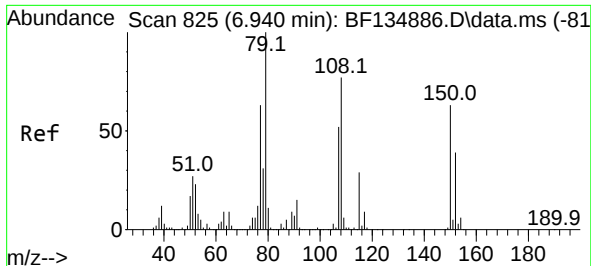
Ion Ratio Lower Upper

146 100

148 63.6 50.5 75.7

111 44.4 37.5 56.3

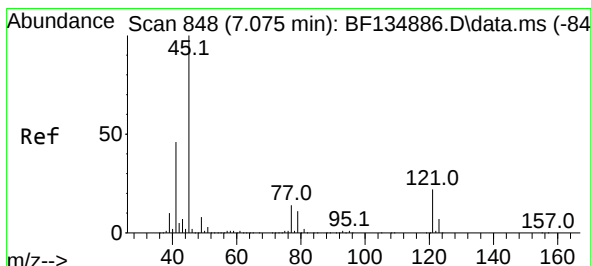
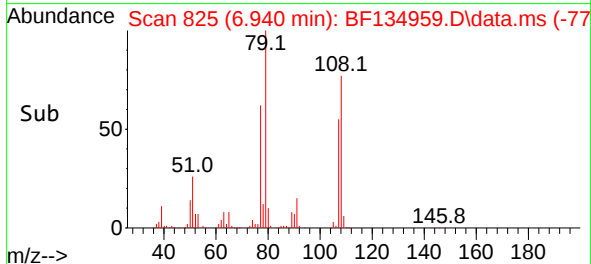
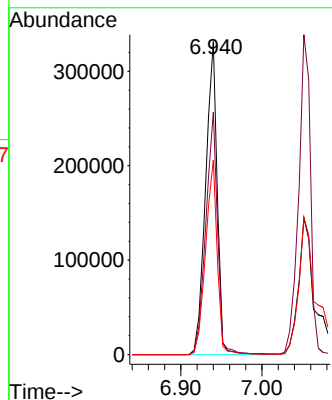
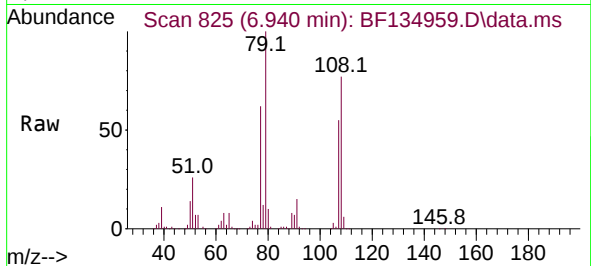




#15
Benzyl Alcohol
Concen: 49.615 ng
RT: 6.940 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

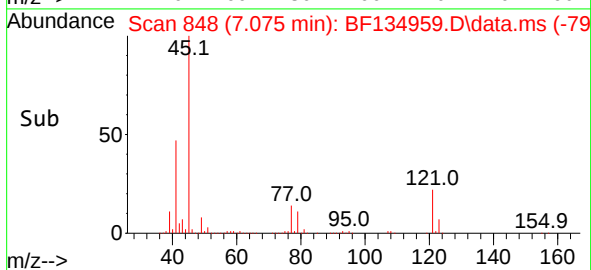
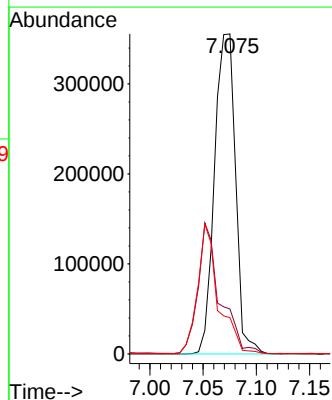
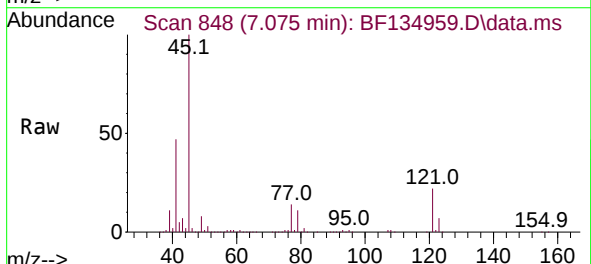
Instrument :
BNA_F
ClientSampleId :
PB155019BS

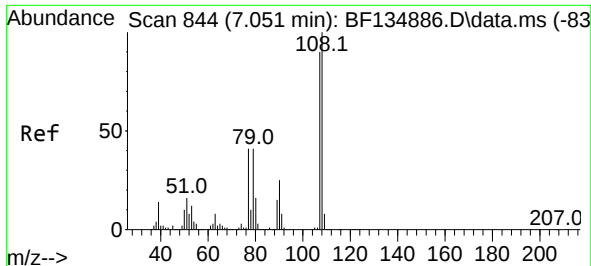
Tgt Ion: 79 Resp: 331356
Ion Ratio Lower Upper
79 100
108 77.4 61.4 92.2
77 62.2 50.1 75.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.060 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

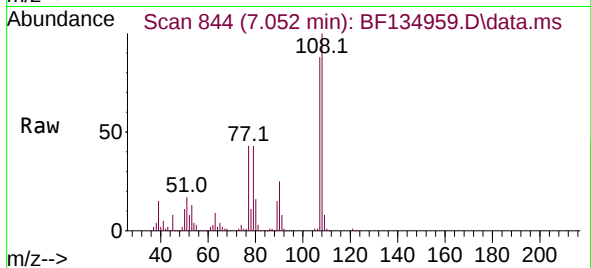
Tgt Ion: 45 Resp: 487086
Ion Ratio Lower Upper
45 100
77 14.0 0.0 33.9
79 11.3 0.0 31.1



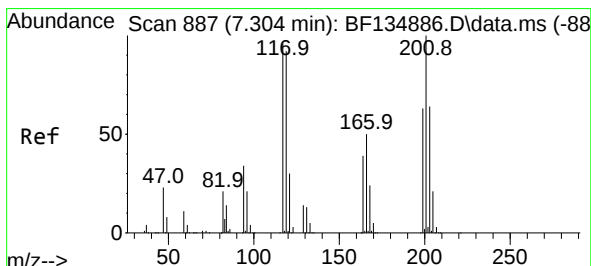
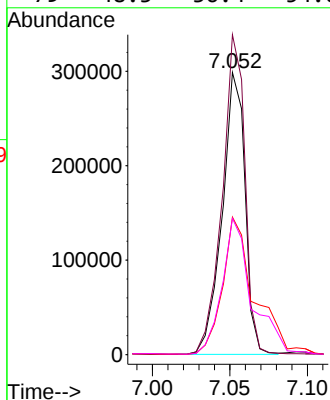
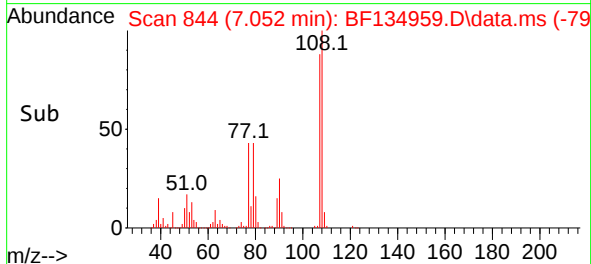


#17
2-Methylphenol
Concen: 44.800 ng
RT: 7.052 min Scan# 844
Delta R.T. 0.001 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Instrument :
BNA_F
ClientSampleId :
PB155019BS

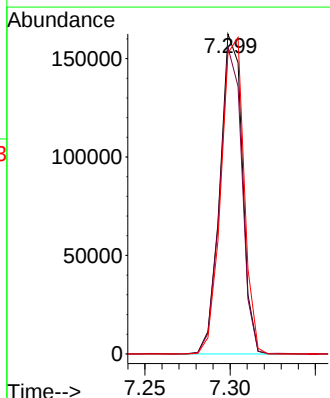
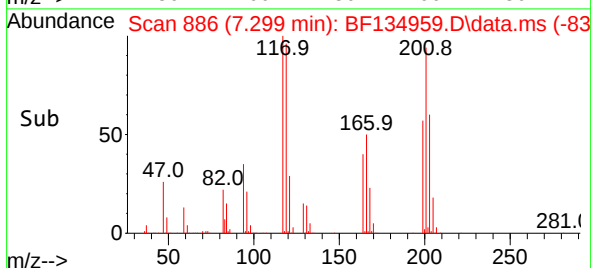
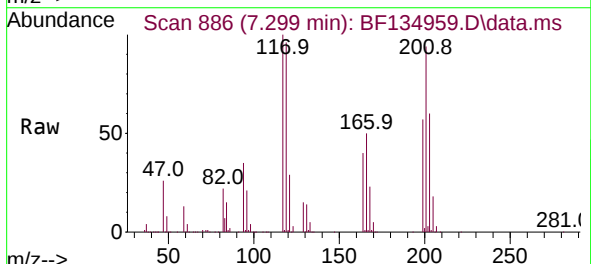


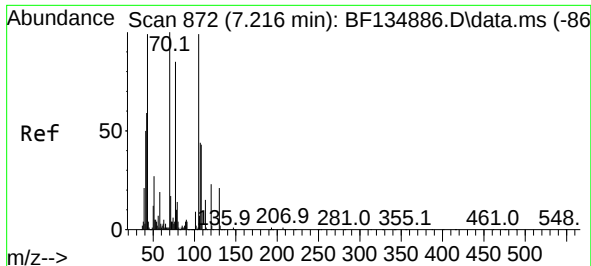
Tgt Ion:107 Resp: 306028
Ion Ratio Lower Upper
107 100
108 113.4 89.0 133.6
77 48.7 36.5 54.7
79 48.3 36.4 54.6



#18
Hexachloroethane
Concen: 49.744 ng
RT: 7.299 min Scan# 886
Delta R.T. -0.005 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion:117 Resp: 148337
Ion Ratio Lower Upper
117 100
119 95.8 76.6 114.8
201 94.0 83.4 125.2





#19

n-Nitroso-di-n-propylamine

Concen: 44.812 ng

RT: 7.210 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB155019BS

Tgt Ion: 70 Resp: 251561

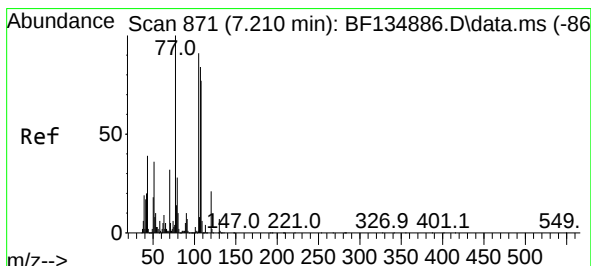
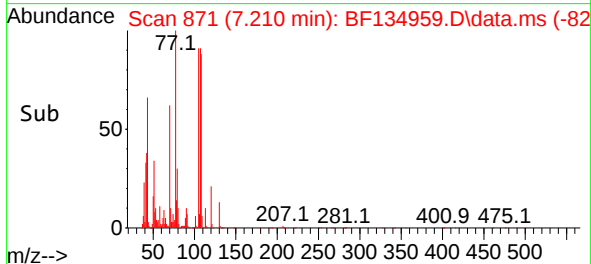
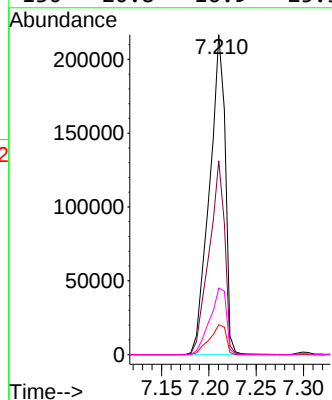
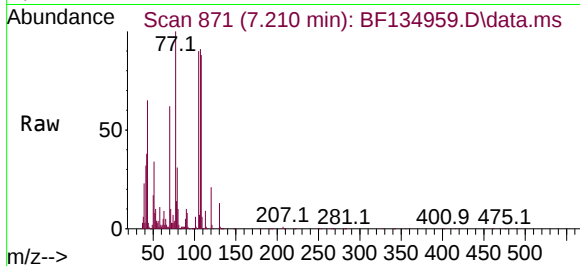
Ion Ratio Lower Upper

70 100

42 60.6 46.9 70.3

101 9.3 7.5 11.3

130 20.8 16.9 25.3



#20

3+4-Methylphenols

Concen: 44.702 ng

RT: 7.205 min Scan# 870

Delta R.T. -0.005 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

Tgt Ion: 107 Resp: 361932

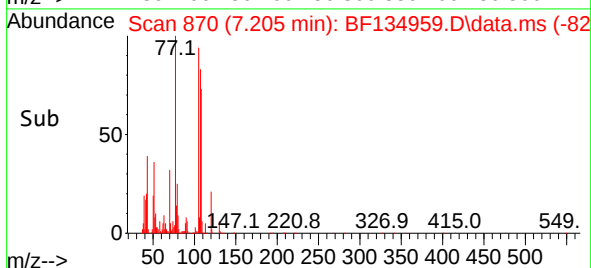
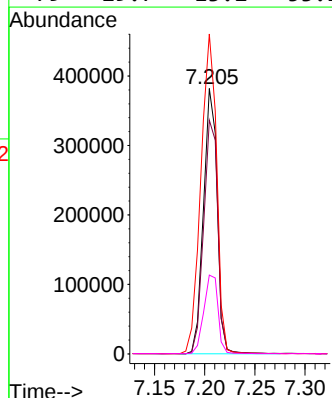
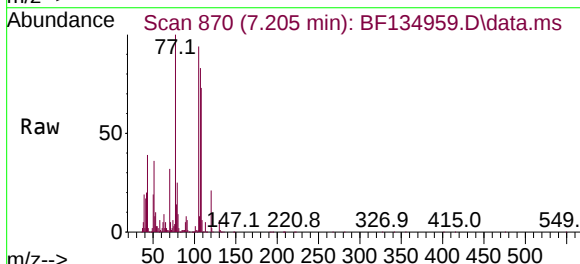
Ion Ratio Lower Upper

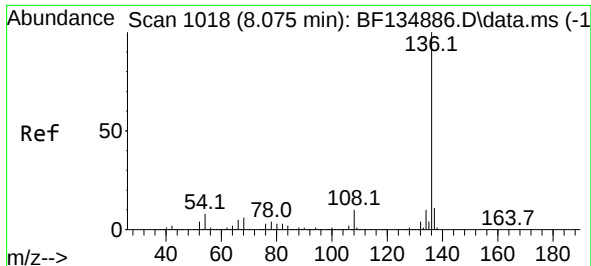
107 100

108 88.1 71.7 111.7

77 120.6 98.4 138.4

79 29.7 13.2 53.2



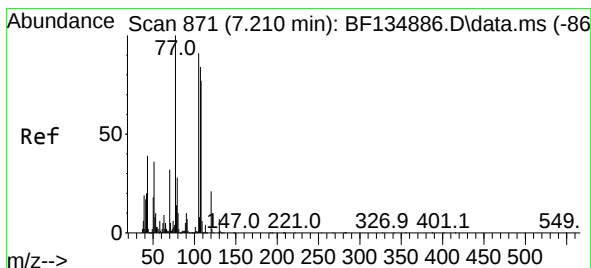
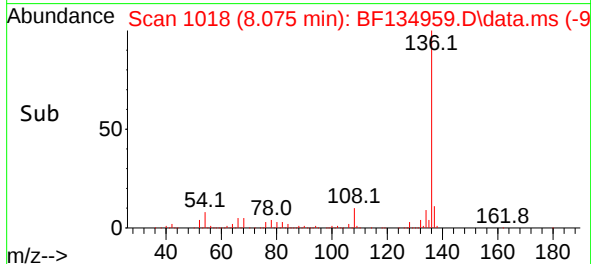
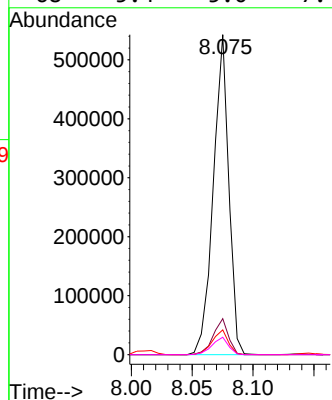
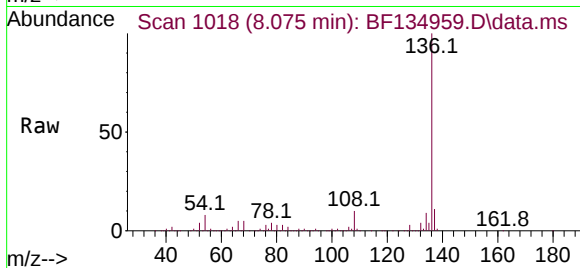


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Instrument :
BNA_F
ClientSampleId :
PB155019BS

Tgt Ion:136 Resp: 478382

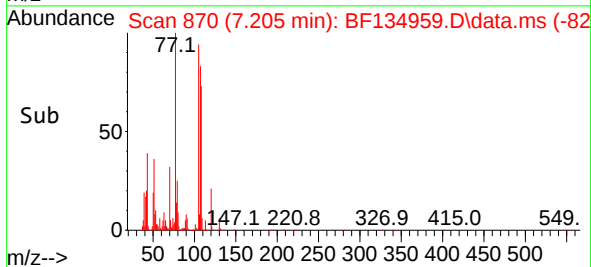
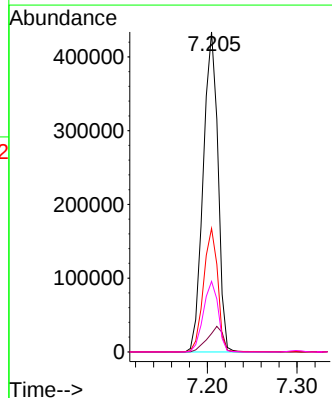
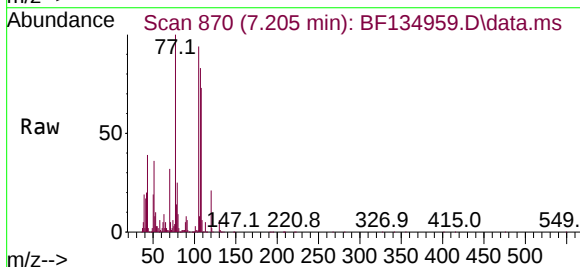
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.7	6.6	9.8
68	5.4	5.0	7.4

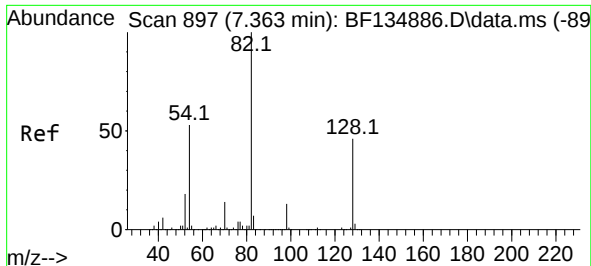


#22
Acetophenone
Concen: 46.876 ng
RT: 7.205 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion:105 Resp: 495642

Ion	Ratio	Lower	Upper
105	100		
71	5.7	4.6	6.8
51	38.6	32.2	48.2
120	22.0	18.3	27.5





#23

Nitrobenzene-d5

Concen: 88.770 ng

RT: 7.358 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB155019BS

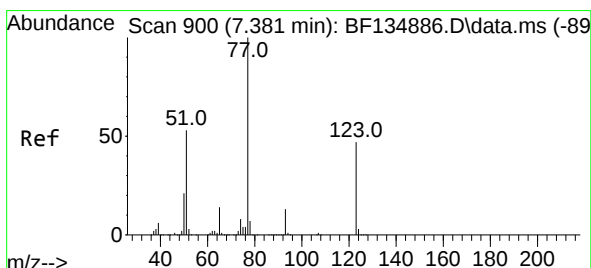
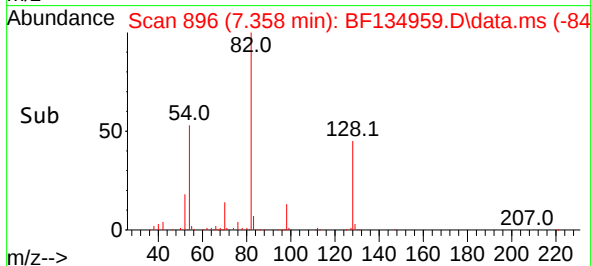
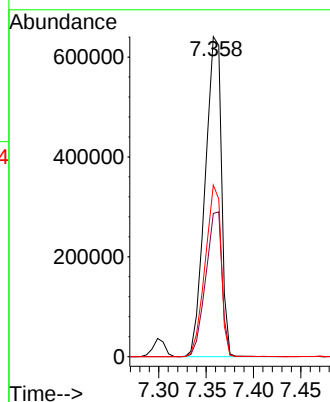
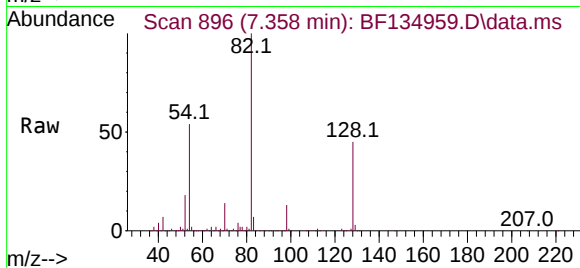
Tgt Ion: 82 Resp: 770660

Ion Ratio Lower Upper

82 100

128 44.7 36.6 54.8

54 53.6 42.6 63.8



#24

Nitrobenzene

Concen: 45.548 ng

RT: 7.381 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

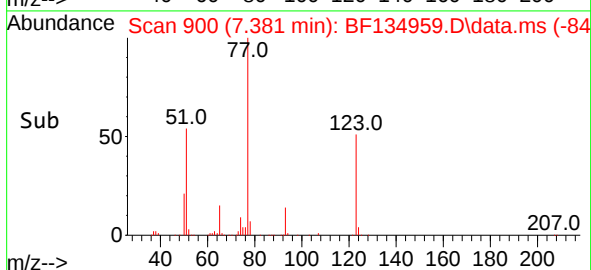
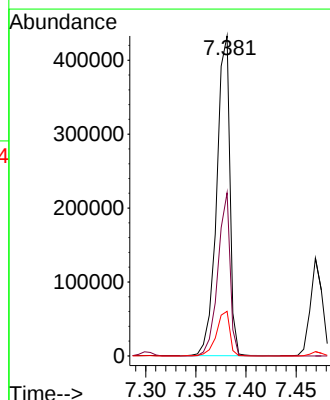
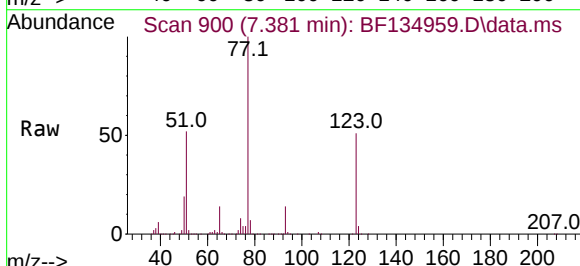
Tgt Ion: 77 Resp: 396781

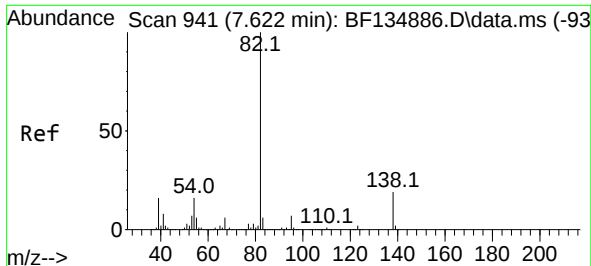
Ion Ratio Lower Upper

77 100

123 51.0 37.9 56.9

65 13.9 11.1 16.7

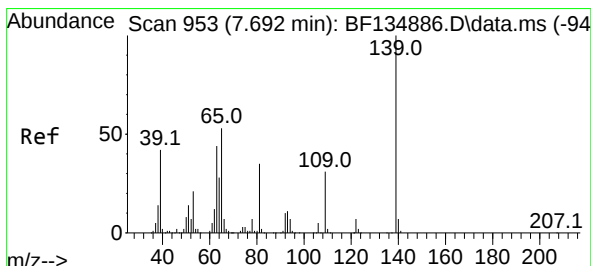
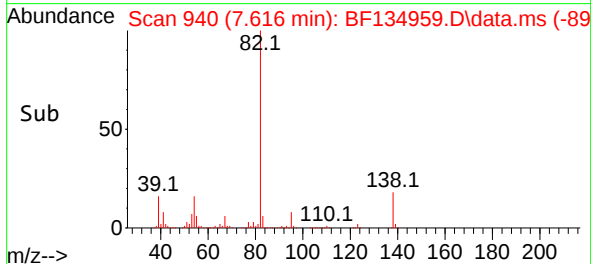
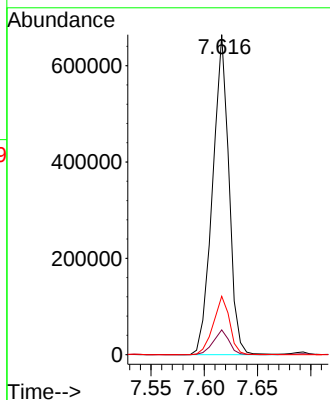
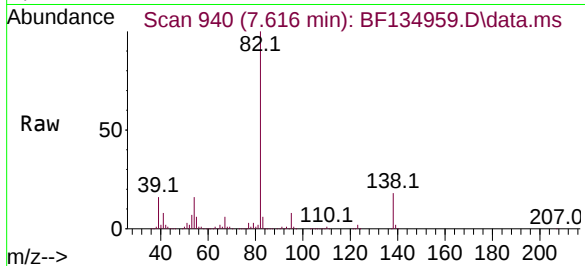




#25
Isophorone
Concen: 43.762 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

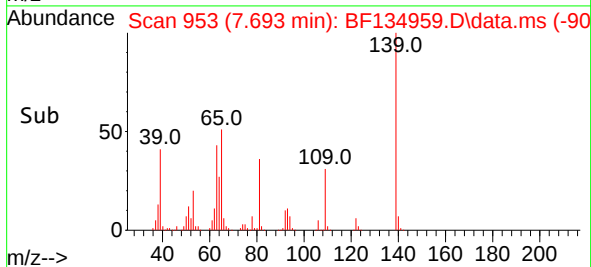
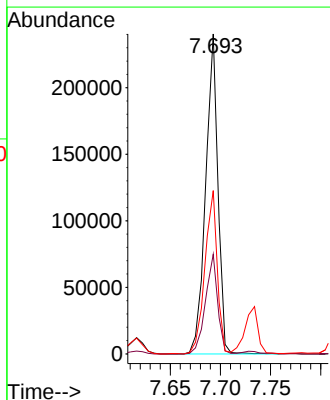
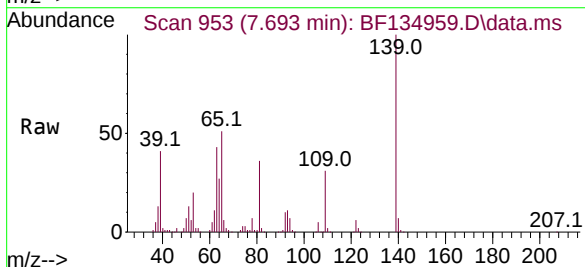
Instrument :
BNA_F
ClientSampleId :
PB155019BS

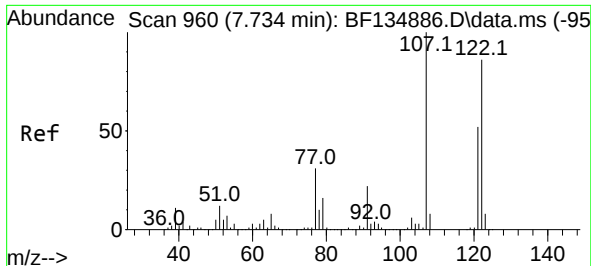
Tgt Ion: 82 Resp: 709419
Ion Ratio Lower Upper
82 100
95 7.7 5.9 8.9
138 18.2 14.9 22.3



#26
2-Nitrophenol
Concen: 46.963 ng
RT: 7.693 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion:139 Resp: 203673
Ion Ratio Lower Upper
139 100
109 31.1 24.5 36.7
65 51.0 42.4 63.6





#27

2,4-Dimethylphenol

Concen: 44.030 ng

RT: 7.734 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF134959.D

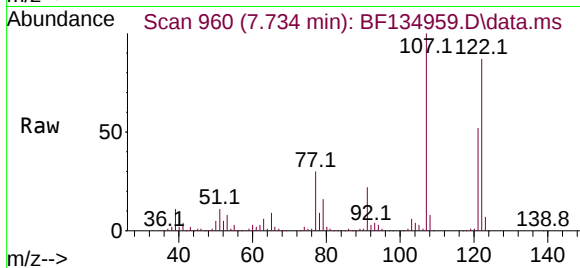
Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB155019BS



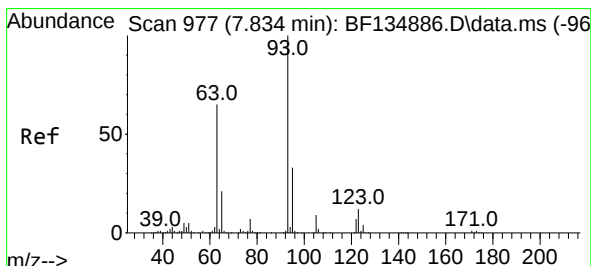
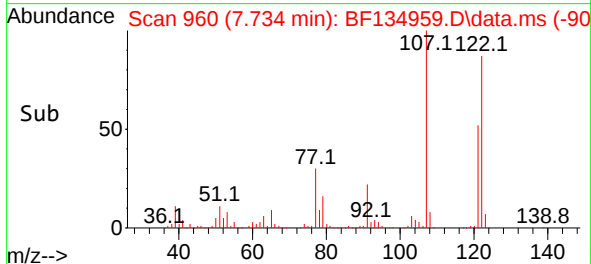
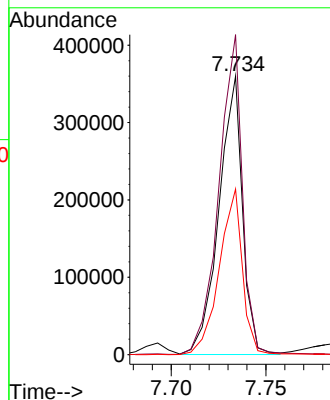
Tgt Ion:122 Resp: 311448

Ion Ratio Lower Upper

122 100

107 114.9 92.9 139.3

121 59.4 48.4 72.6



#28

bis(2-Chloroethoxy)methane

Concen: 44.158 ng

RT: 7.828 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

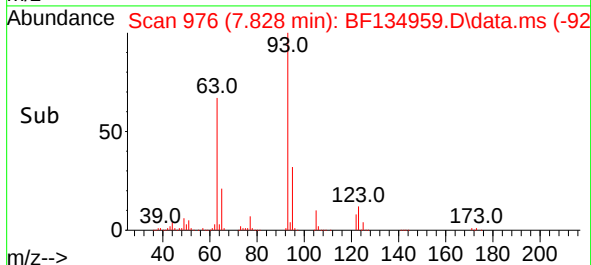
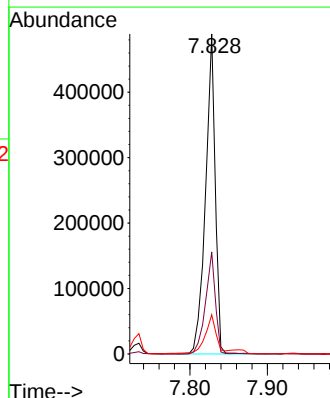
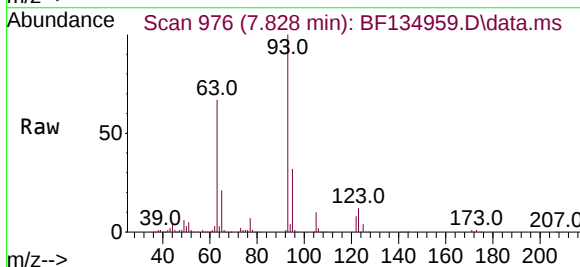
Tgt Ion: 93 Resp: 426646

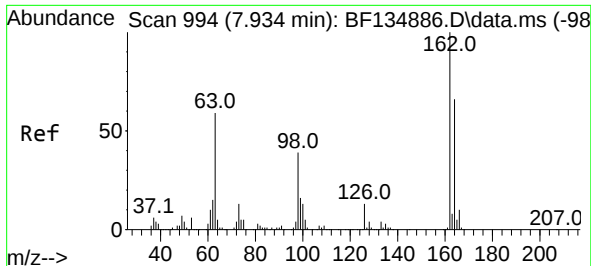
Ion Ratio Lower Upper

93 100

95 31.9 26.3 39.5

123 12.2 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 45.872 ng

RT: 7.934 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB155019BS

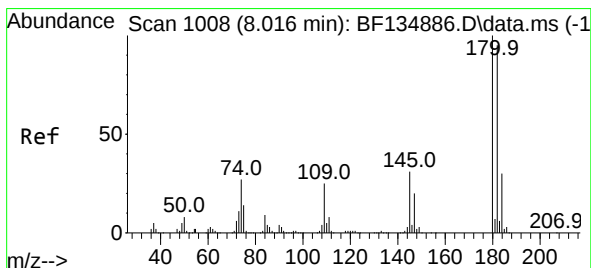
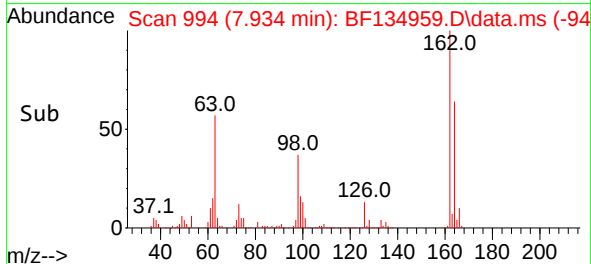
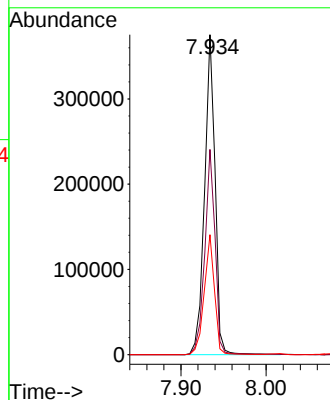
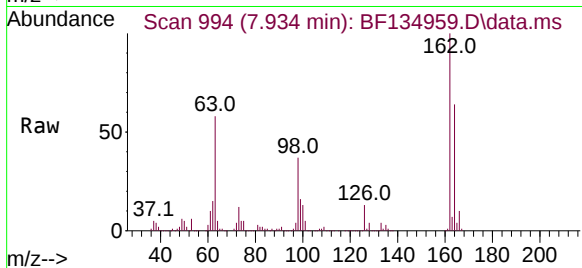
Tgt Ion:162 Resp: 320601

Ion Ratio Lower Upper

162 100

164 64.1 45.6 85.6

98 37.5 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 46.613 ng

RT: 8.016 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

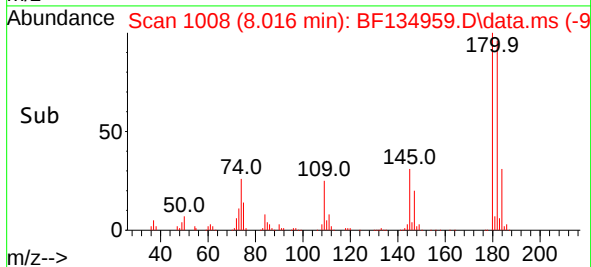
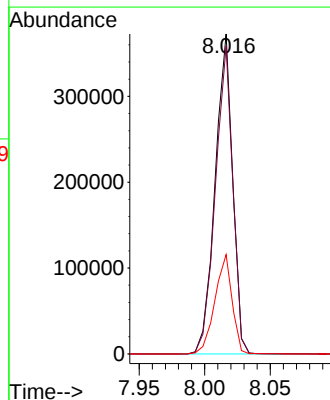
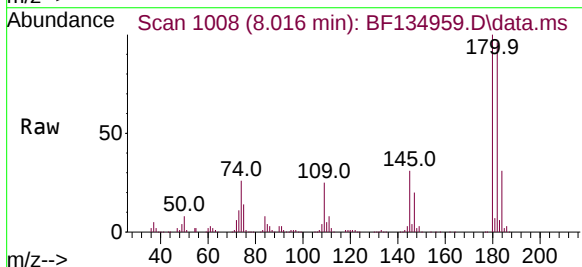
Tgt Ion:180 Resp: 345866

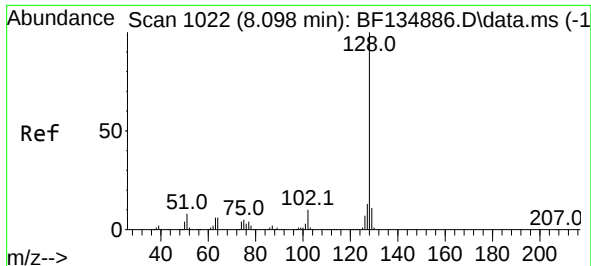
Ion Ratio Lower Upper

180 100

182 96.2 76.0 114.0

145 31.0 24.6 37.0

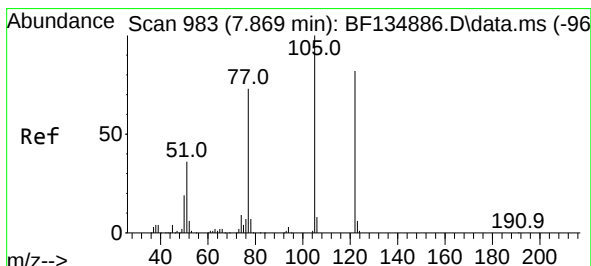
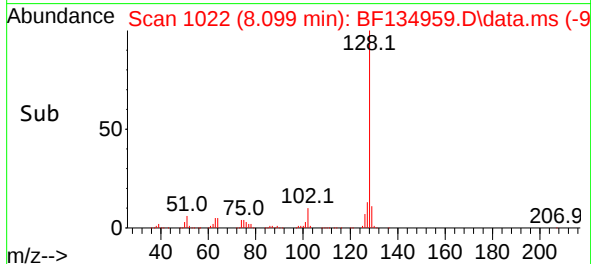
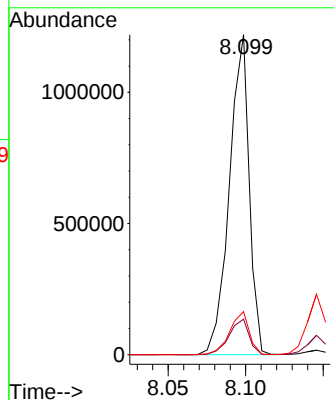
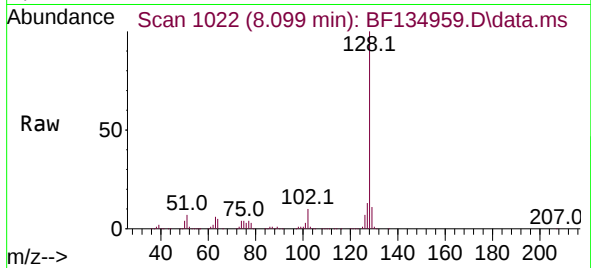




#31
Naphthalene
Concen: 45.332 ng
RT: 8.099 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

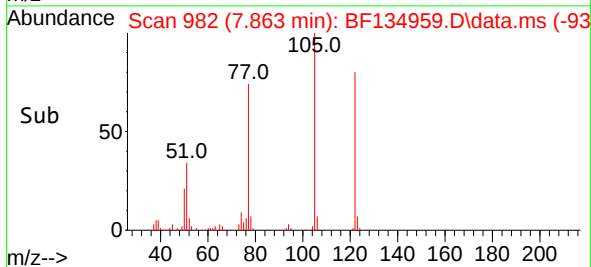
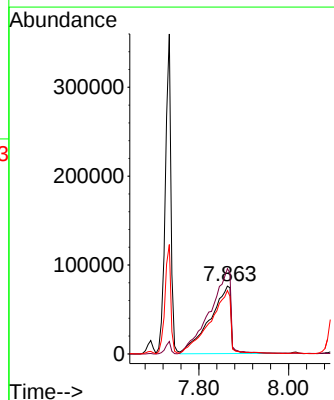
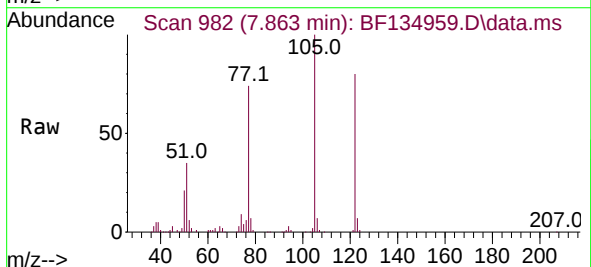
Instrument :
BNA_F
ClientSampleId :
PB155019BS

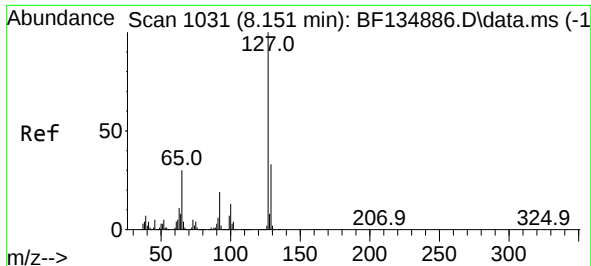
Tgt Ion:128 Resp: 1082850
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 48.219 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion:122 Resp: 251716
Ion Ratio Lower Upper
122 100
105 125.6 98.6 138.6
77 93.3 68.6 108.6



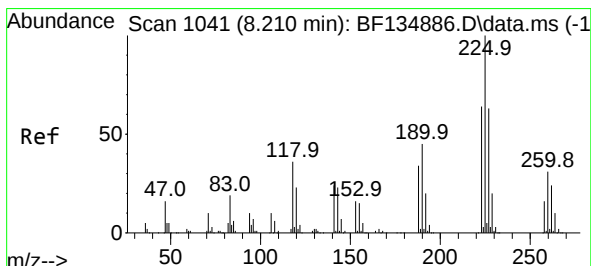
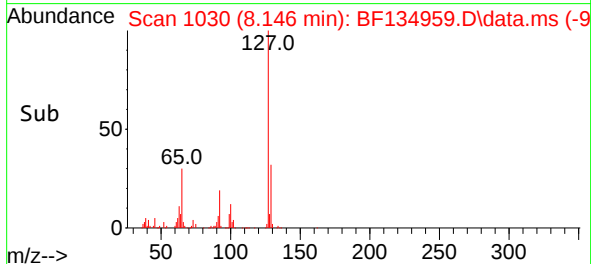
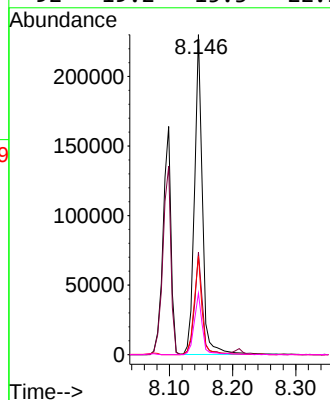
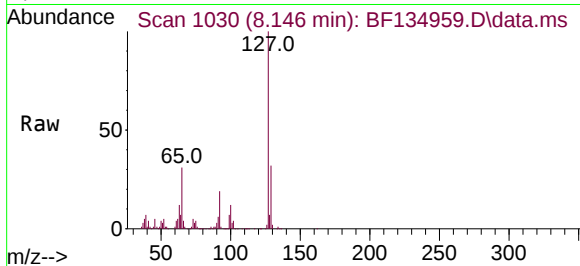


#33
4-Chloroaniline
Concen: 19.678 ng
RT: 8.146 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Instrument :
BNA_F
ClientSampleId :
PB155019BS

Tgt Ion:127 Resp: 201675

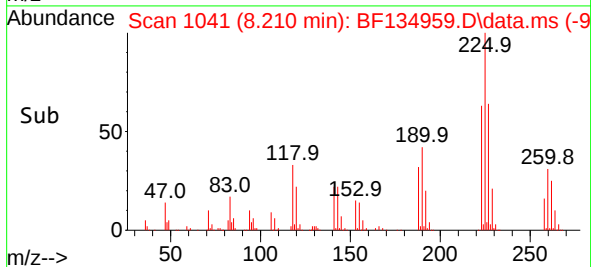
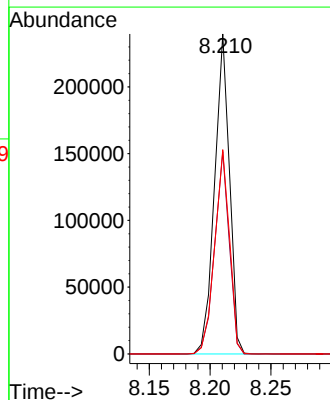
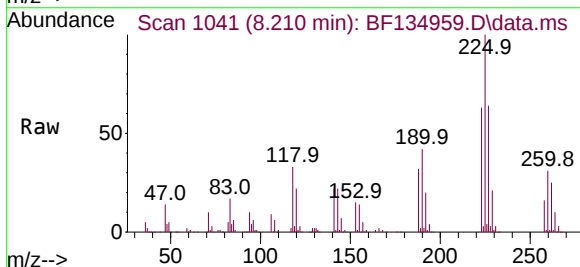
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.4	39.6
65	30.8	23.8	35.8
92	19.2	15.3	22.9

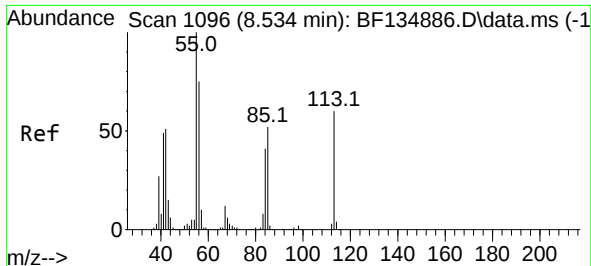


#34
Hexachlorobutadiene
Concen: 46.043 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion:225 Resp: 203184

Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.1	76.7
227	63.8	50.1	75.1

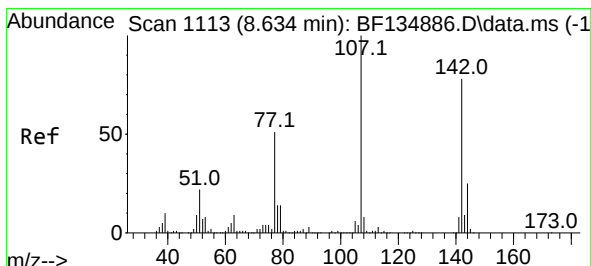
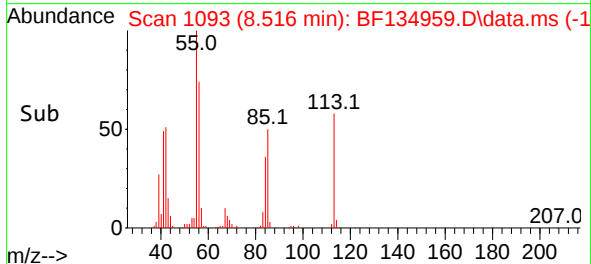
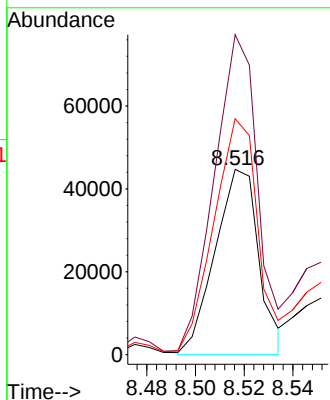
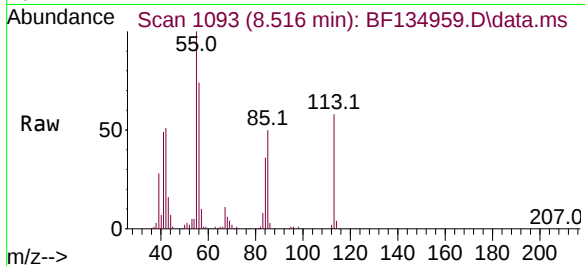




#35
 Caprolactam
 Concen: 25.705 ng
 RT: 8.516 min Scan# 1093
 Delta R.T. -0.017 min
 Lab File: BF134959.D
 Acq: 28 Aug 2023 09:59

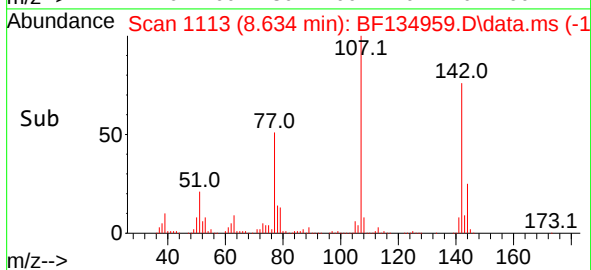
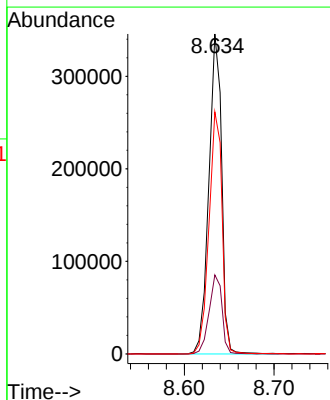
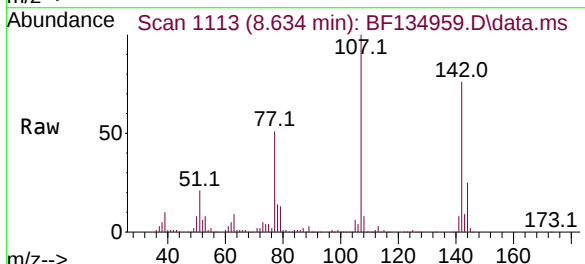
Instrument :
 BNA_F
 ClientSampleId :
 PB155019BS

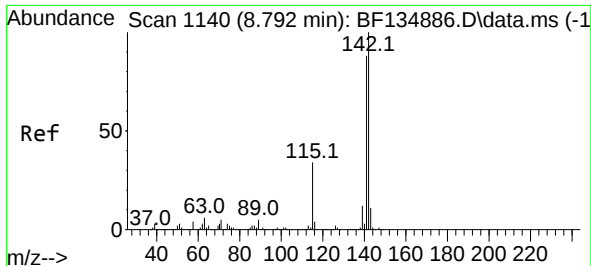
Tgt Ion:113 Resp: 56081
 Ion Ratio Lower Upper
 113 100
 55 172.8 147.2 187.2
 56 127.4 106.0 146.0



#36
 4-Chloro-3-methylphenol
 Concen: 46.571 ng
 RT: 8.634 min Scan# 1113
 Delta R.T. 0.000 min
 Lab File: BF134959.D
 Acq: 28 Aug 2023 09:59

Tgt Ion:107 Resp: 343483
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.2 30.2
 142 75.6 62.5 93.7

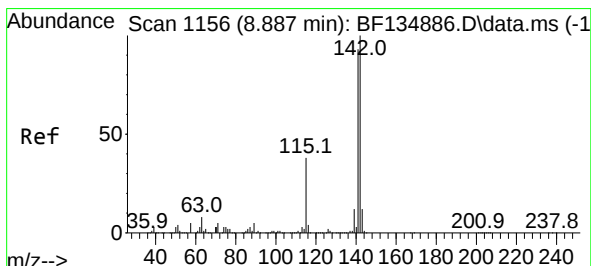
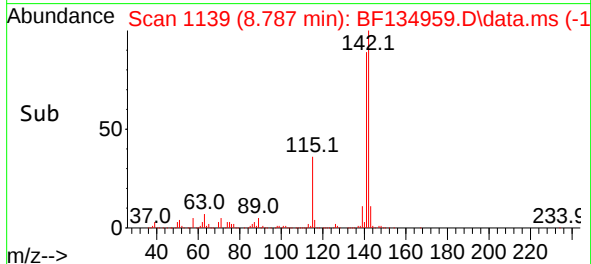
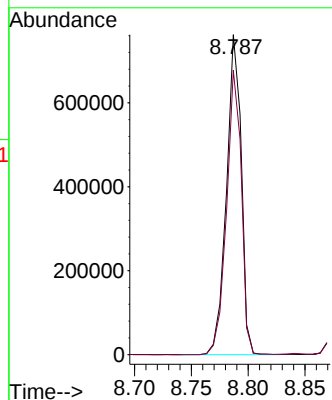
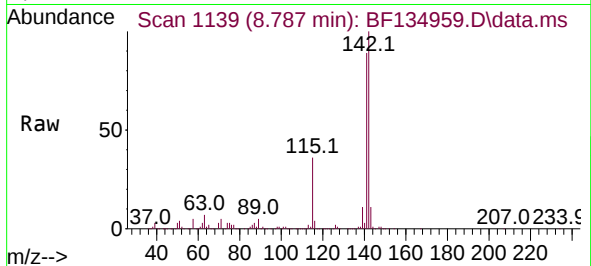




#37
2-Methylnaphthalene
Concen: 43.234 ng
RT: 8.787 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

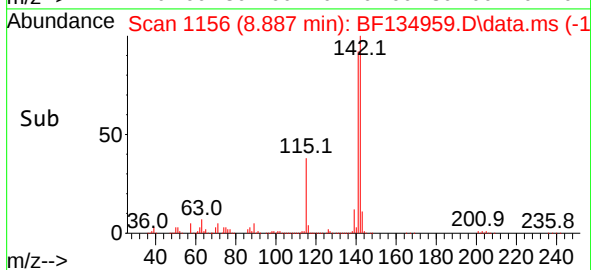
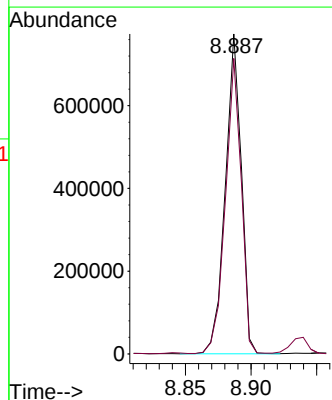
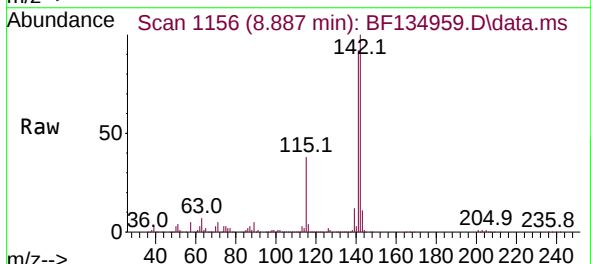
Instrument :
BNA_F
ClientSampleId :
PB155019BS

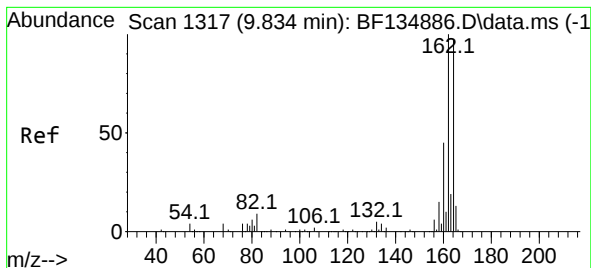
Tgt Ion:142 Resp: 688719
Ion Ratio Lower Upper
142 100
141 88.9 70.2 105.2



#38
1-Methylnaphthalene
Concen: 44.046 ng
RT: 8.887 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion:142 Resp: 656087
Ion Ratio Lower Upper
142 100
141 92.3 74.1 111.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB155019BS

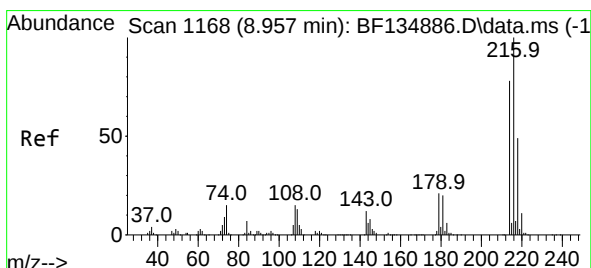
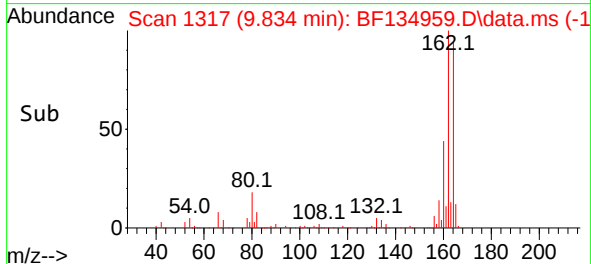
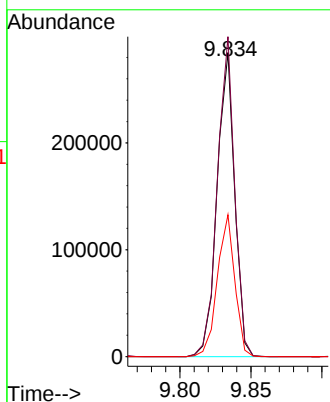
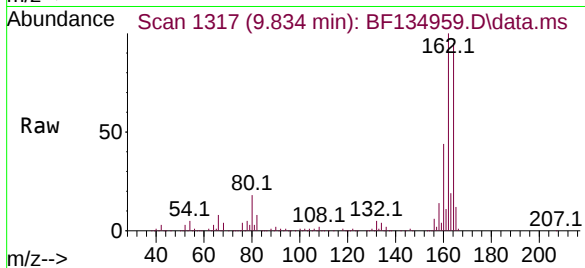
Tgt Ion:164 Resp: 245519

Ion Ratio Lower Upper

164 100

162 105.2 82.6 123.8

160 46.7 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.019 ng

RT: 8.957 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

Tgt Ion:216 Resp: 336805

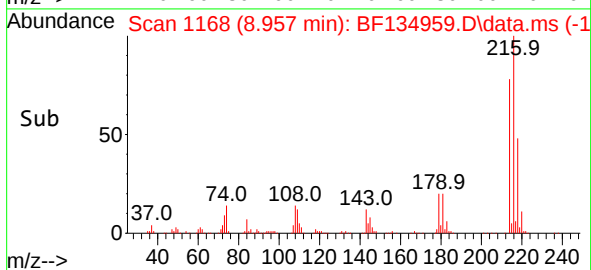
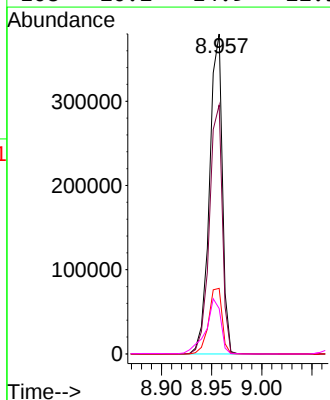
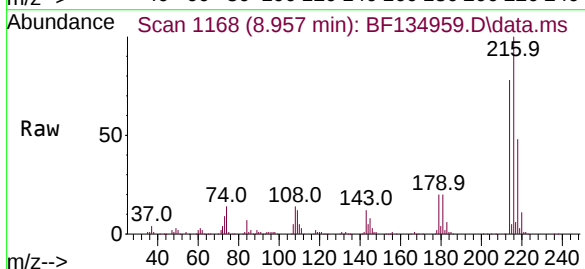
Ion Ratio Lower Upper

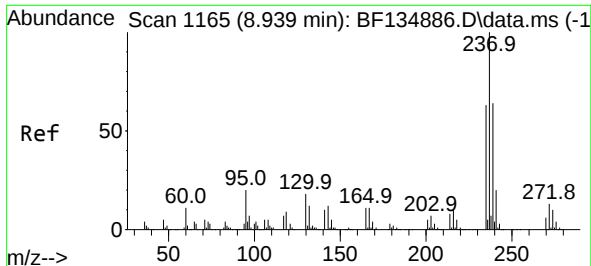
216 100

214 78.5 63.1 94.7

179 21.5 17.3 25.9

108 20.2 14.9 22.3

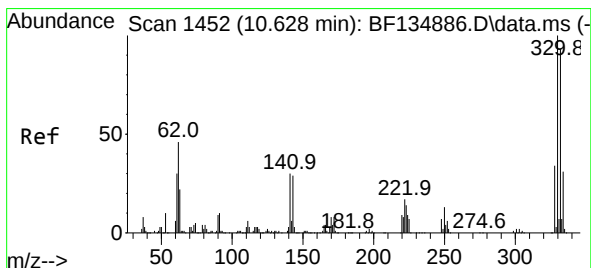
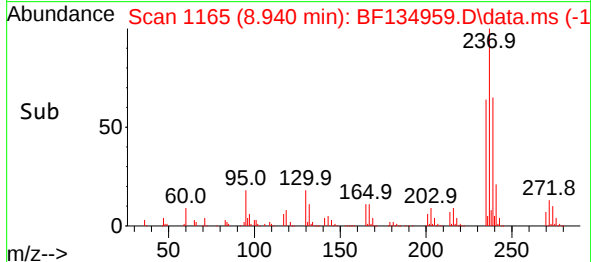
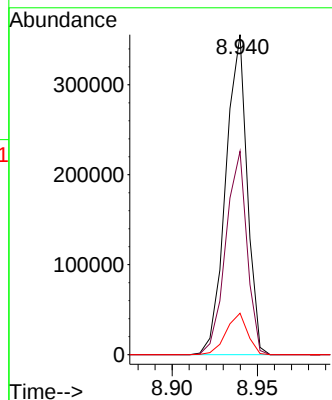
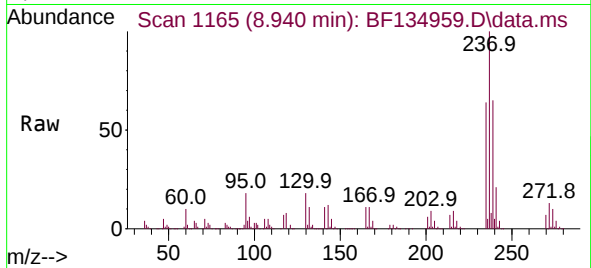




#41
Hexachlorocyclopentadiene
Concen: 93.826 ng
RT: 8.940 min Scan# 1165
Delta R.T. 0.001 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

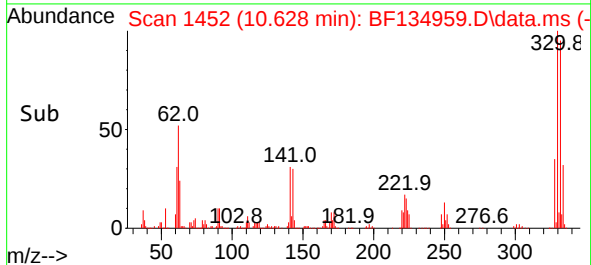
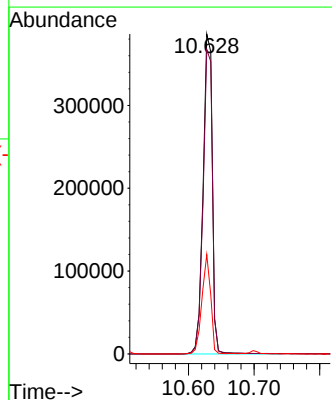
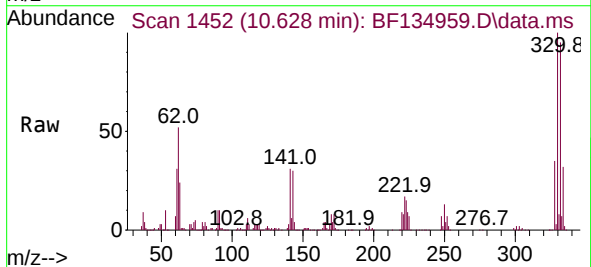
Instrument :
BNA_F
ClientSampleId :
PB155019BS

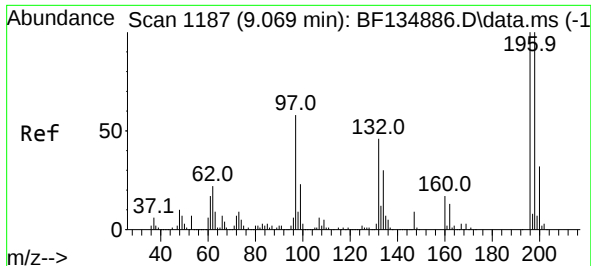
Tgt Ion:237 Resp: 310778
Ion Ratio Lower Upper
237 100
235 63.5 43.1 83.1
272 12.9 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 128.983 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion:330 Resp: 372968
Ion Ratio Lower Upper
330 100
332 95.3 76.3 114.5
141 29.6 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 45.652 ng

RT: 9.069 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB155019BS

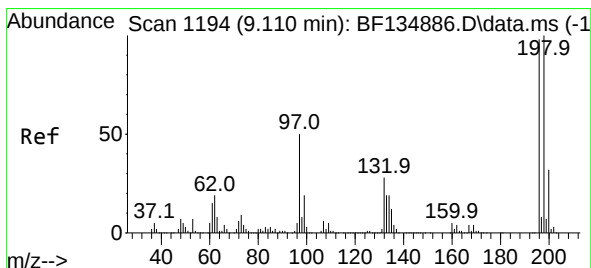
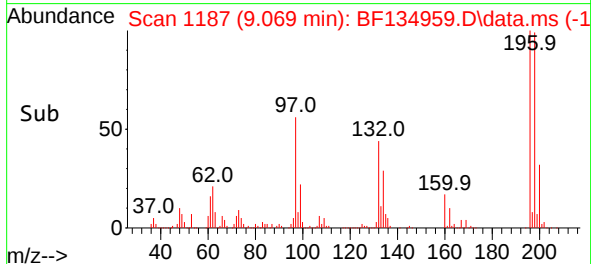
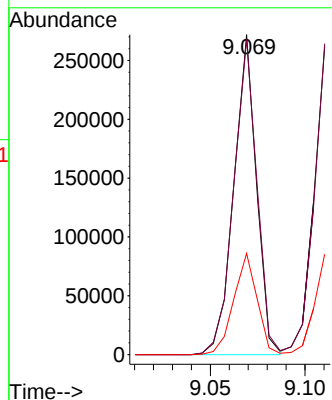
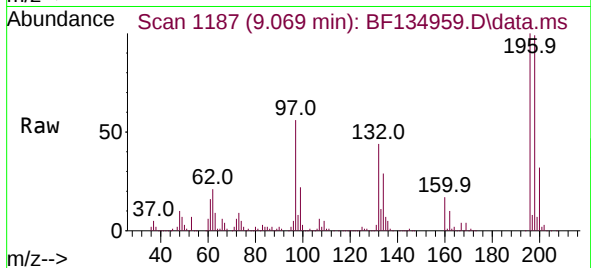
Tgt Ion:196 Resp: 225564

Ion Ratio Lower Upper

196 100

198 98.5 79.8 119.6

200 31.6 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 41.857 ng

RT: 9.110 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

Tgt Ion:196 Resp: 239438

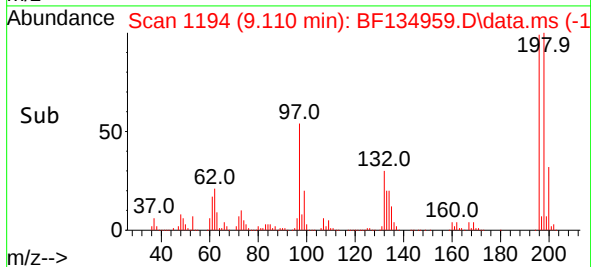
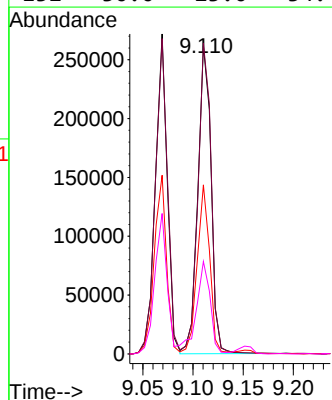
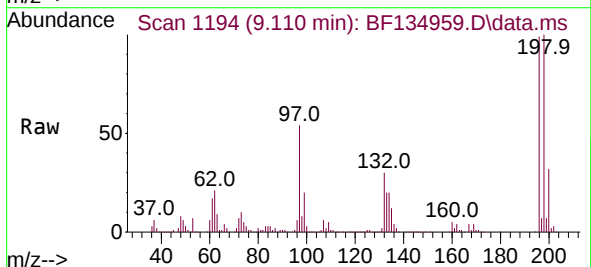
Ion Ratio Lower Upper

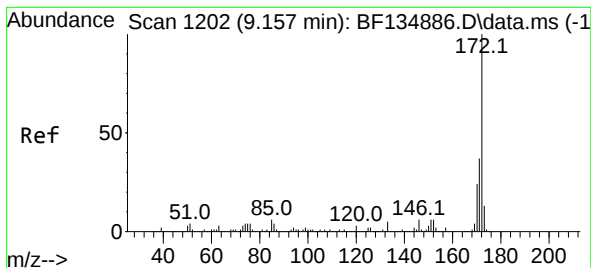
196 100

198 100.9 81.8 122.6

97 54.9 41.3 61.9

132 30.0 23.0 34.4





#45

2-Fluorobiphenyl

Concen: 87.925 ng

RT: 9.152 min Scan# 1202

Delta R.T. -0.005 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB155019BS

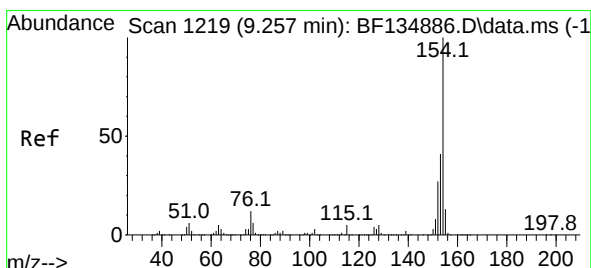
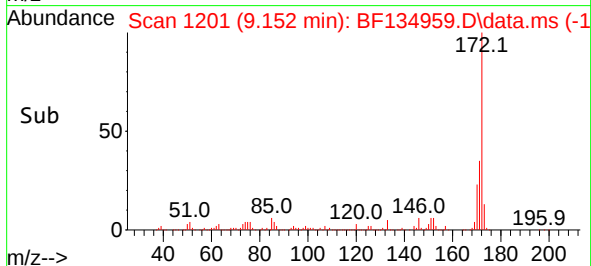
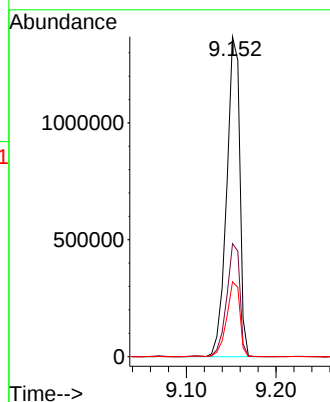
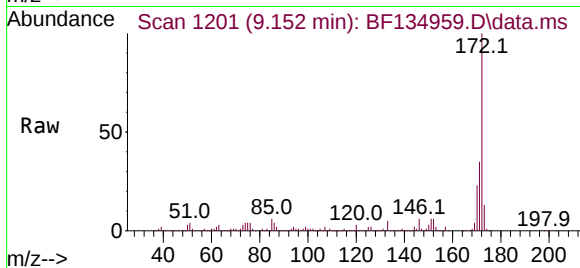
Tgt Ion:172 Resp: 1396425

Ion Ratio Lower Upper

172 100

171 35.3 29.4 44.0

170 23.4 19.6 29.4



#46

1,1'-Biphenyl

Concen: 45.319 ng

RT: 9.257 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

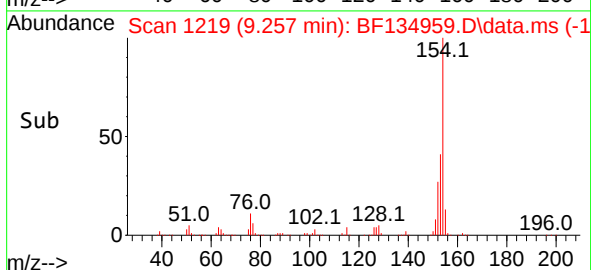
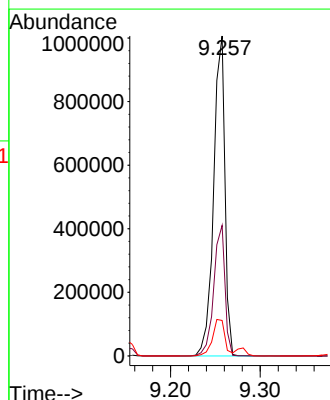
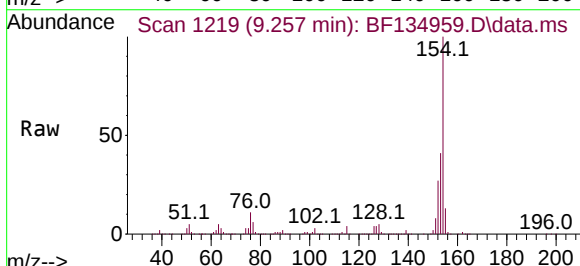
Tgt Ion:154 Resp: 878423

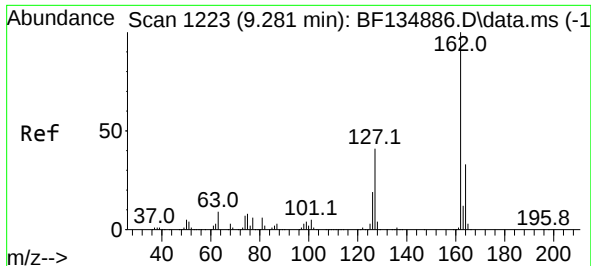
Ion Ratio Lower Upper

154 100

153 40.8 21.3 61.3

76 11.1 0.0 31.8





#47

2-Chloronaphthalene

Concen: 46.258 ng

RT: 9.281 min Scan# 1223

Delta R.T. -0.000 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB155019BS

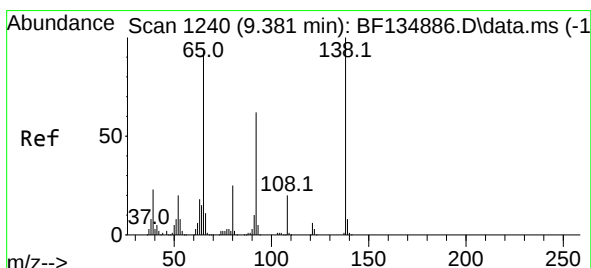
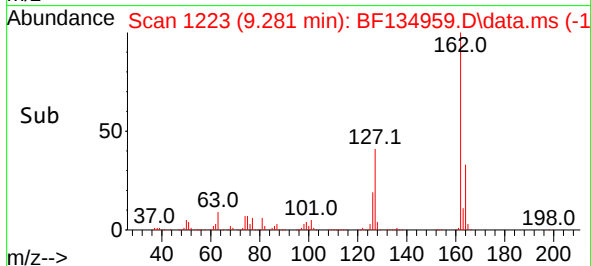
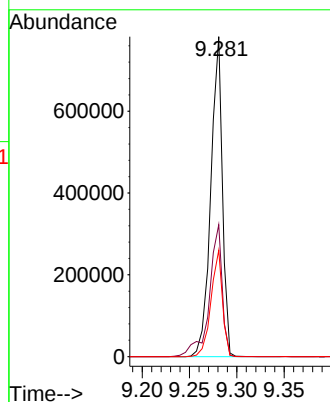
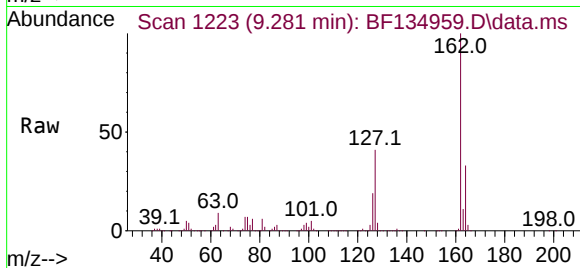
Tgt Ion:162 Resp: 669608

Ion Ratio Lower Upper

162 100

127 41.2 33.4 50.0

164 33.2 26.6 39.8



#48

2-Nitroaniline

Concen: 45.314 ng

RT: 9.381 min Scan# 1240

Delta R.T. 0.000 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

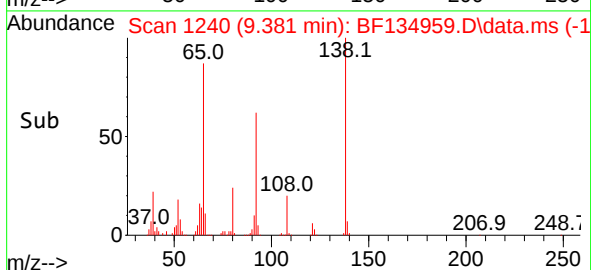
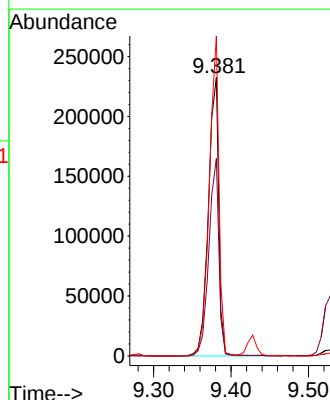
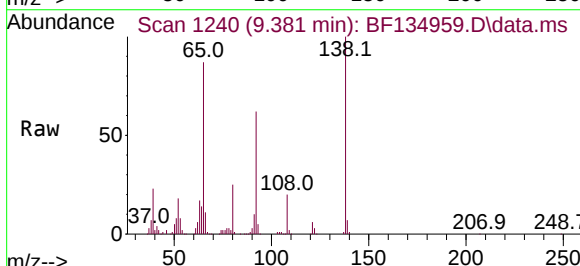
Tgt Ion: 65 Resp: 215621

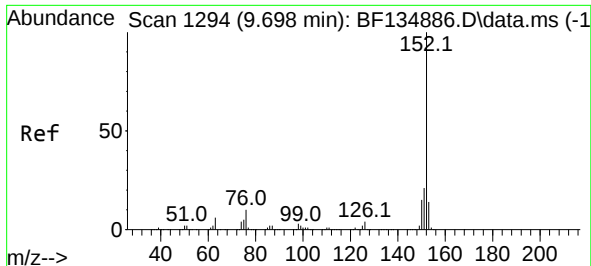
Ion Ratio Lower Upper

65 100

92 70.9 53.8 80.8

138 114.9 86.5 129.7

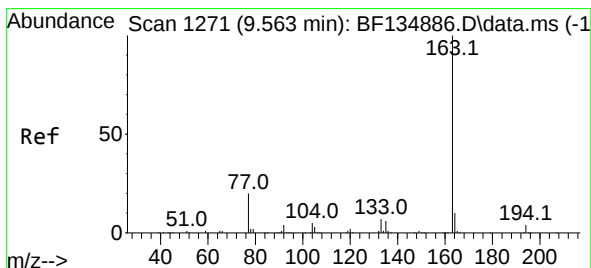
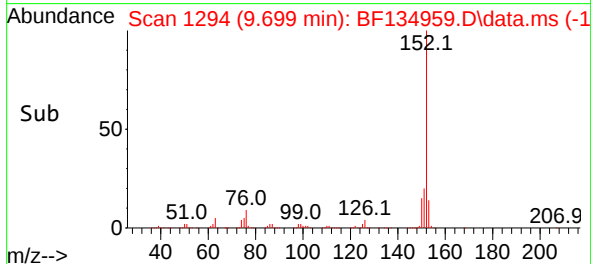
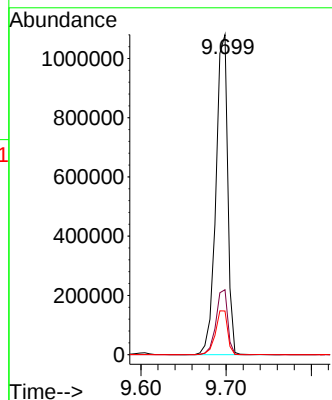
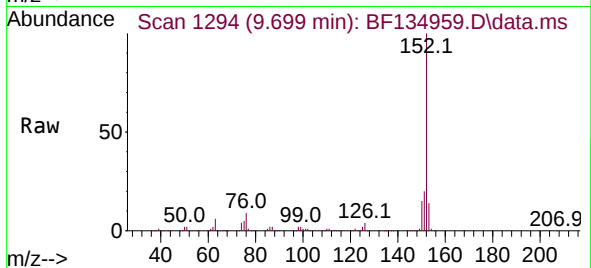




#49
Acenaphthylene
Concen: 46.387 ng
RT: 9.699 min Scan# 1294
Delta R.T. 0.001 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

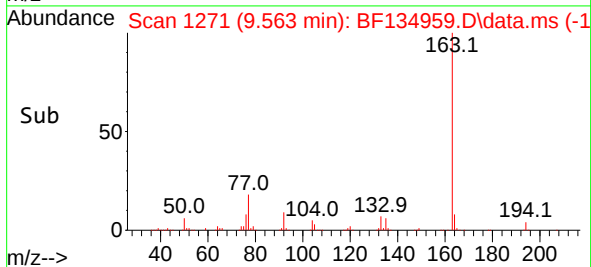
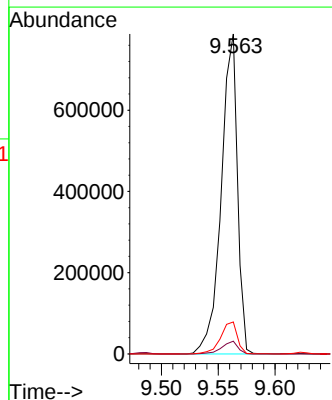
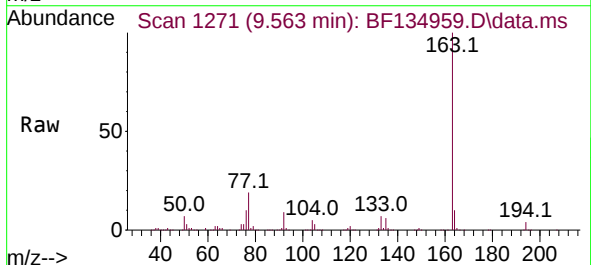
Instrument :
BNA_F
ClientSampleId :
PB155019BS

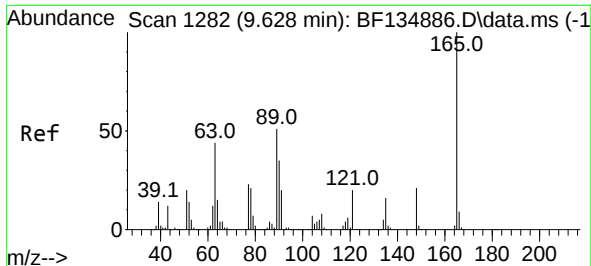
Tgt Ion:152 Resp: 1034070
Ion Ratio Lower Upper
152 100
151 20.3 16.5 24.7
153 13.6 11.3 16.9



#50
Dimethylphthalate
Concen: 44.682 ng
RT: 9.563 min Scan# 1271
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion:163 Resp: 780878
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.0 8.2 12.4

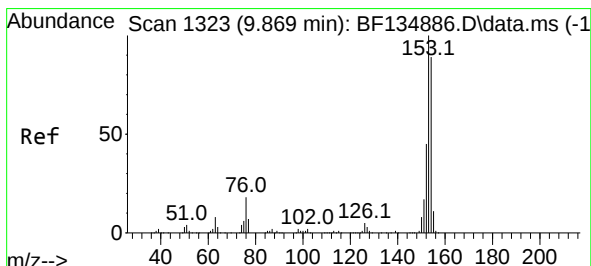
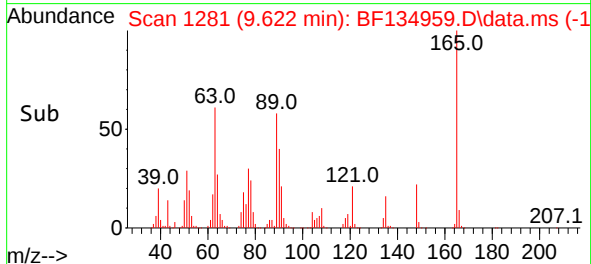
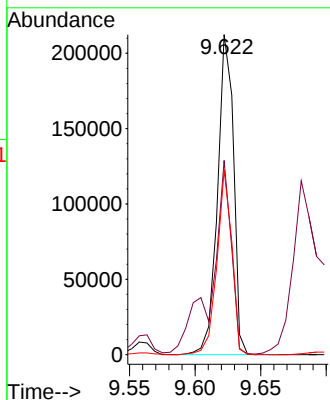
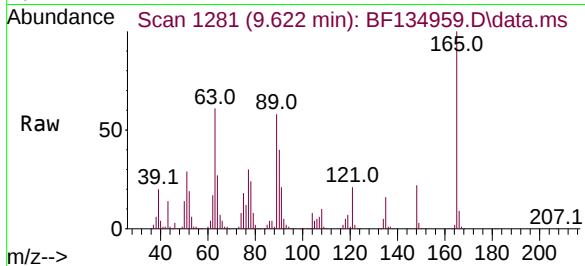




#51
2,6-Dinitrotoluene
Concen: 46.843 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

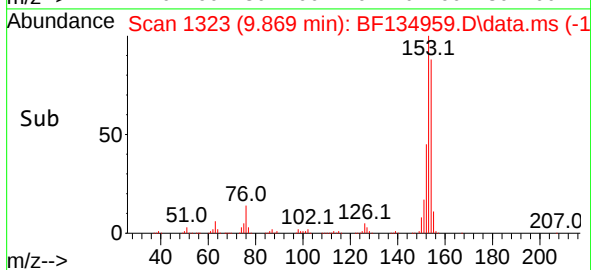
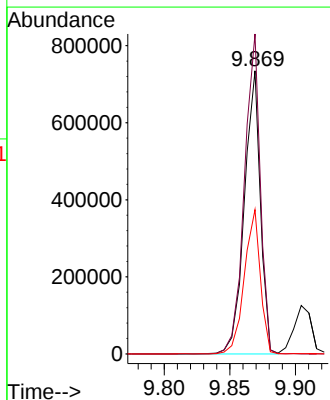
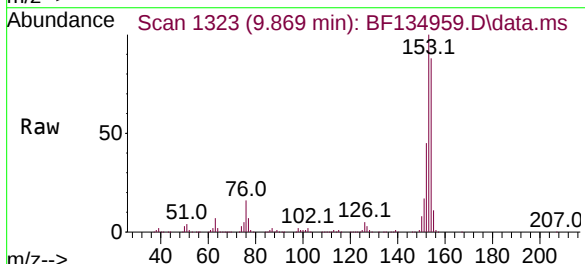
Instrument :
BNA_F
ClientSampleId :
PB155019BS

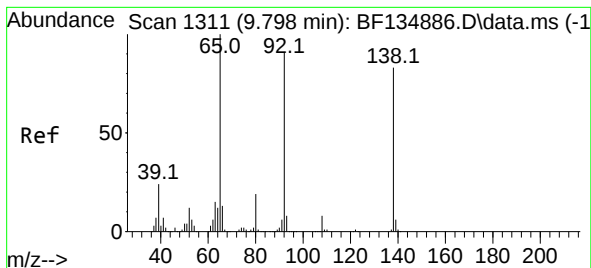
Tgt Ion:165 Resp: 180559
Ion Ratio Lower Upper
165 100
63 60.7 41.4 62.2
89 57.7 40.9 61.3



#52
Acenaphthene
Concen: 44.311 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion:154 Resp: 622282
Ion Ratio Lower Upper
154 100
153 113.0 89.6 134.4
152 51.0 40.5 60.7





#53

3-Nitroaniline

Concen: 31.400 ng

RT: 9.793 min Scan# 1310

Delta R.T. -0.006 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB155019BS

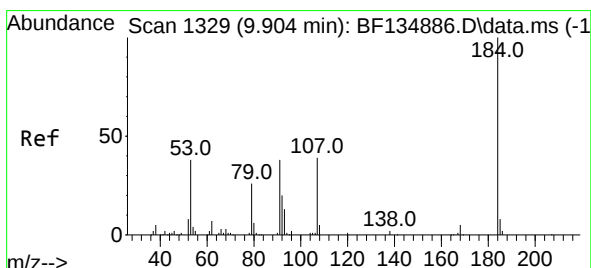
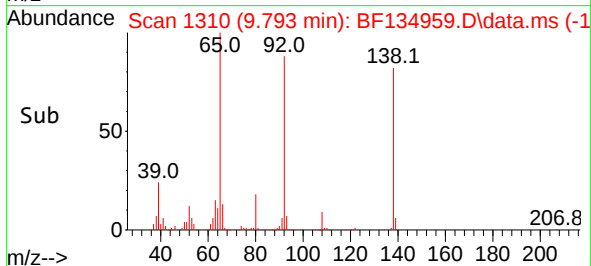
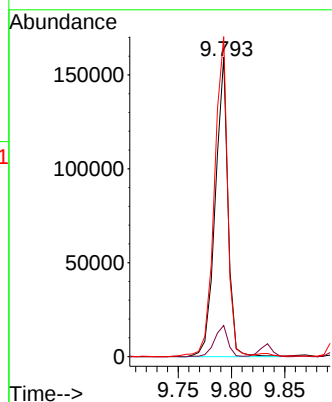
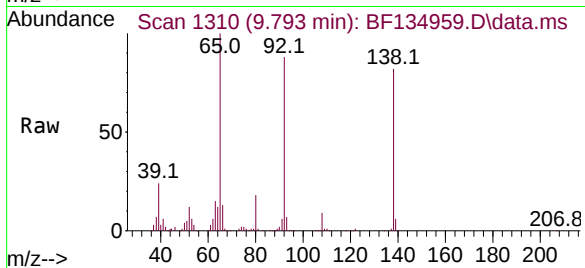
Tgt Ion:138 Resp: 132195

Ion Ratio Lower Upper

138 100

108 10.4 8.0 12.0

92 106.9 87.6 131.4



#54

2,4-Dinitrophenol

Concen: 102.218 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.000 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

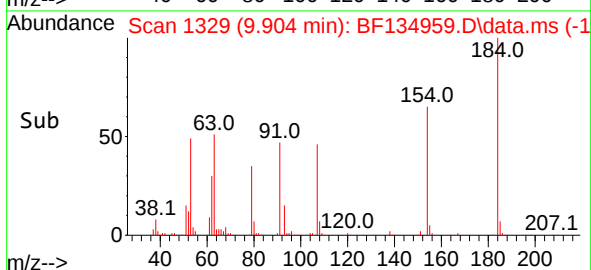
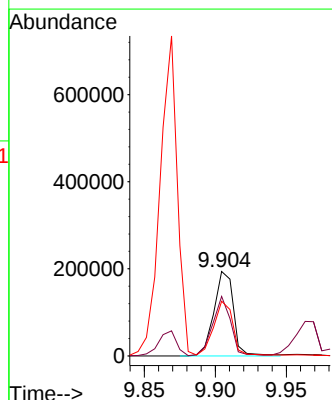
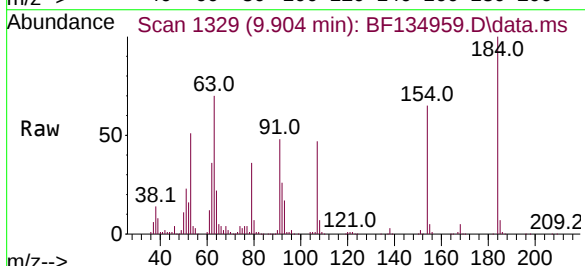
Tgt Ion:184 Resp: 186424

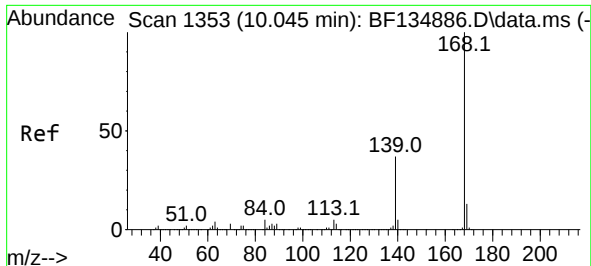
Ion Ratio Lower Upper

184 100

63 70.3 42.8 64.2#

154 64.7 48.0 72.0

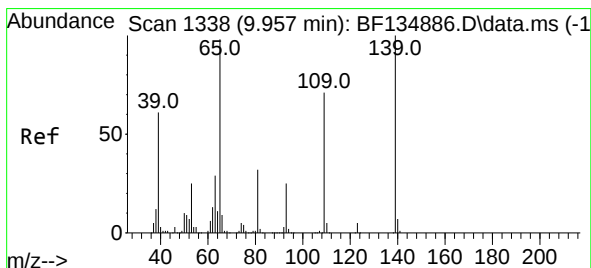
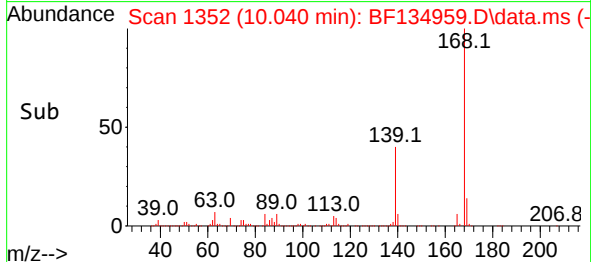
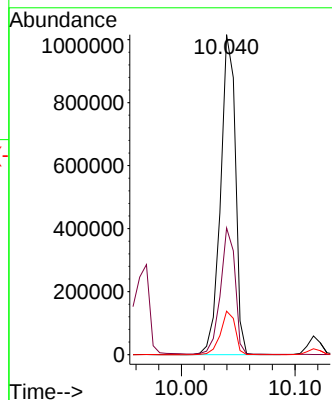
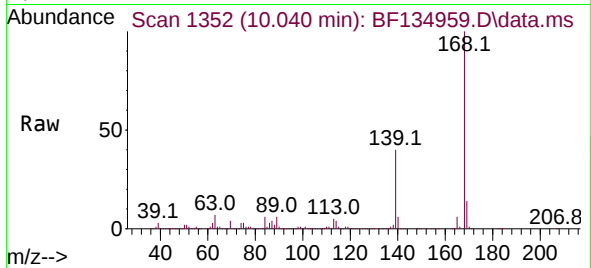




#55
Dibenzofuran
Concen: 45.031 ng
RT: 10.040 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

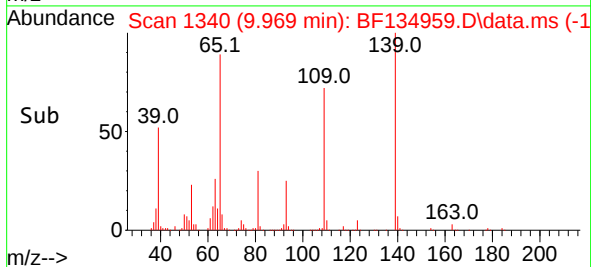
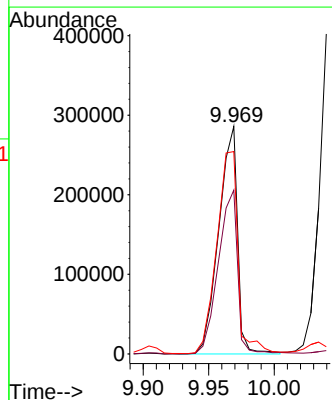
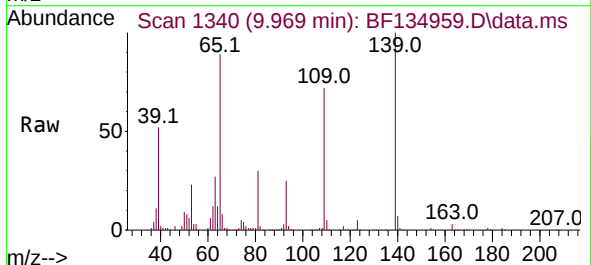
Instrument :
BNA_F
ClientSampleId :
PB155019BS

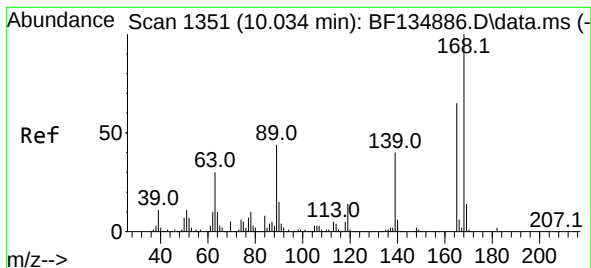
Tgt Ion:168 Resp: 920730
Ion Ratio Lower Upper
168 100
139 39.6 29.5 44.3
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 97.240 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion:139 Resp: 285293
Ion Ratio Lower Upper
139 100
109 72.0 51.0 91.0
65 89.0 78.5 118.5

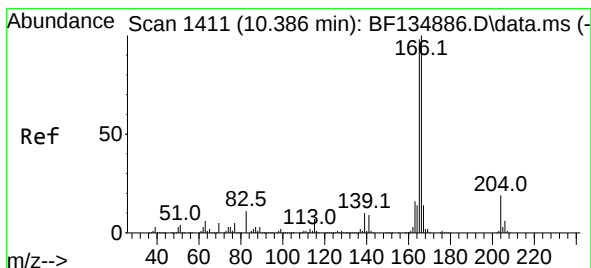
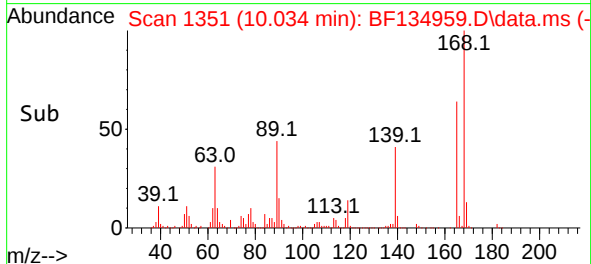
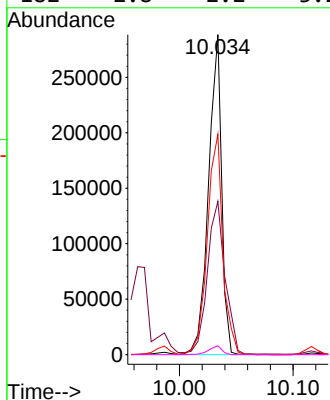
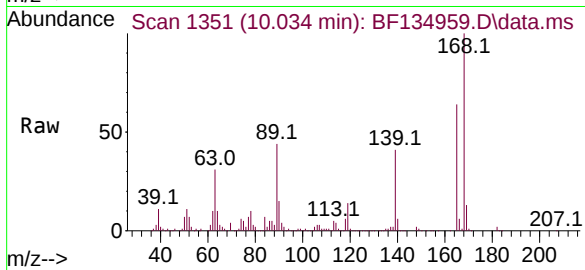




#57
2,4-Dinitrotoluene
Concen: 48.739 ng
RT: 10.034 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

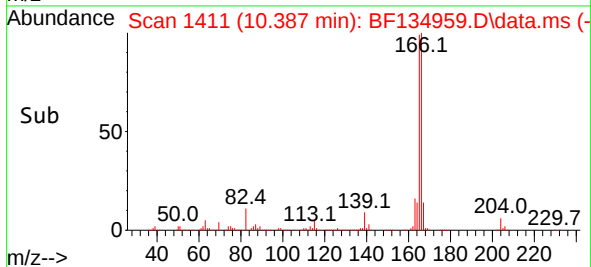
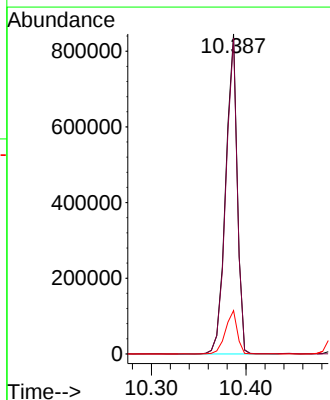
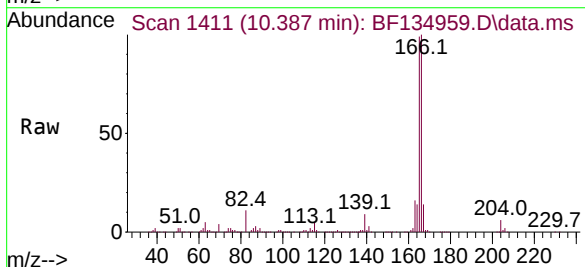
Instrument :
BNA_F
ClientSampleId :
PB155019BS

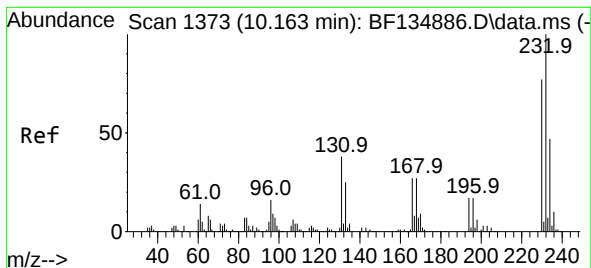
Tgt Ion:165 Resp: 232331
Ion Ratio Lower Upper
165 100
63 47.9 37.7 56.5
89 68.9 54.2 81.4
182 2.8 2.2 3.2



#58
Fluorene
Concen: 45.801 ng
RT: 10.387 min Scan# 1411
Delta R.T. 0.001 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion:166 Resp: 710274
Ion Ratio Lower Upper
166 100
165 98.6 78.5 117.7
167 13.5 11.0 16.6

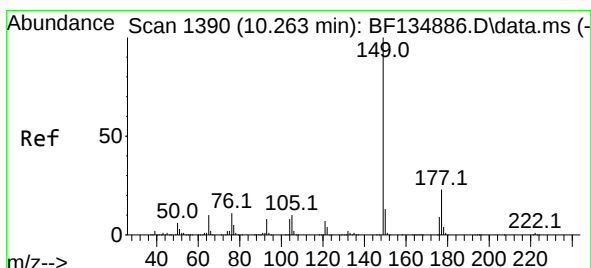
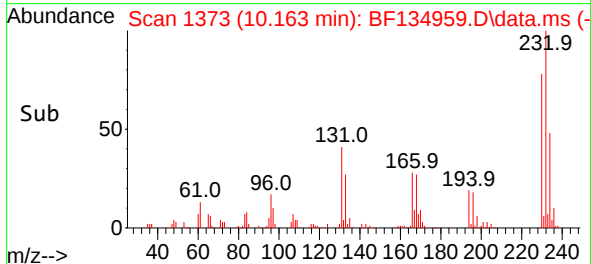
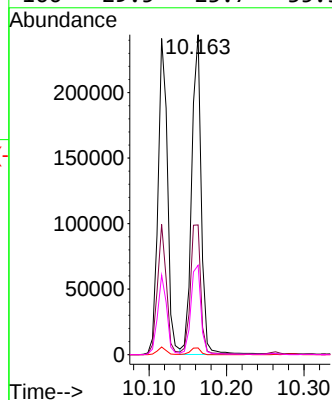
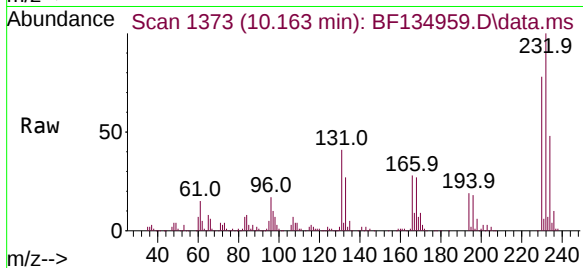




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.736 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

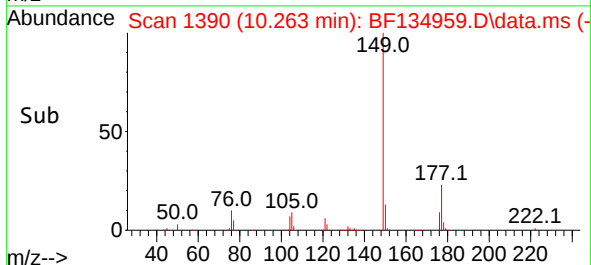
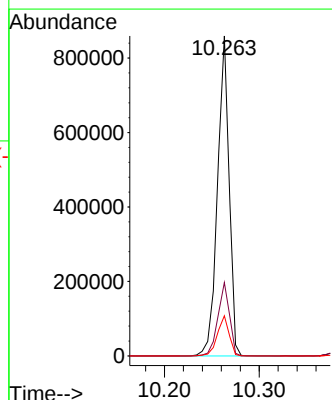
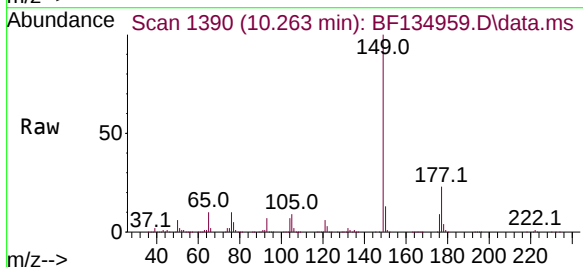
Instrument :
BNA_F
ClientSampleId :
PB155019BS

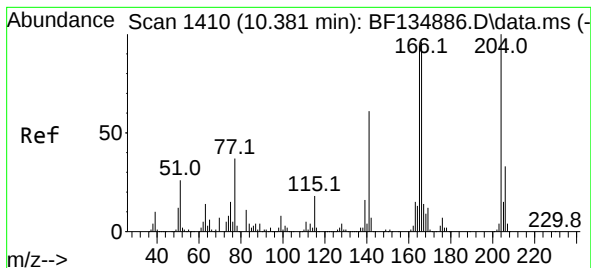
Tgt Ion:232 Resp: 208295
Ion Ratio Lower Upper
232 100
131 44.0 33.9 50.9
130 2.2 1.6 2.4
166 29.5 23.7 35.5



#60
Diethylphthalate
Concen: 45.743 ng
RT: 10.263 min Scan# 1390
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion:149 Resp: 732424
Ion Ratio Lower Upper
149 100
177 22.9 18.4 27.6
150 12.5 10.3 15.5

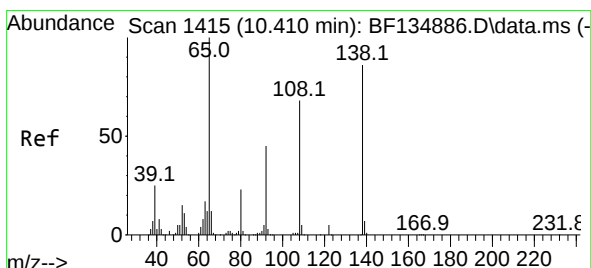
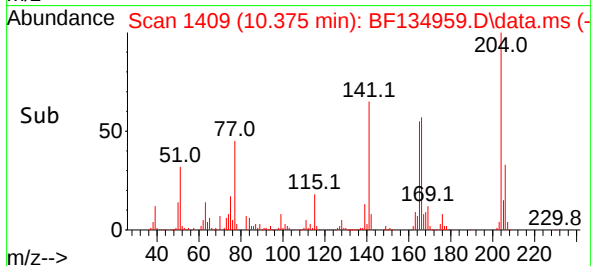
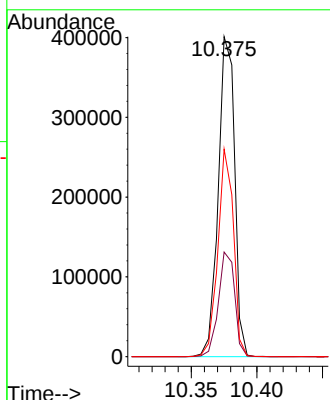
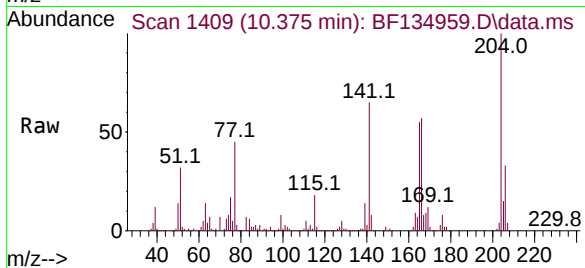




#61
4-Chlorophenyl-phenylether
Concen: 44.968 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

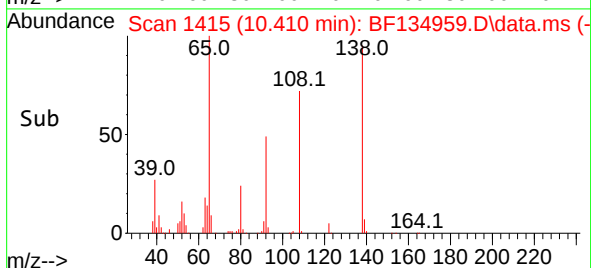
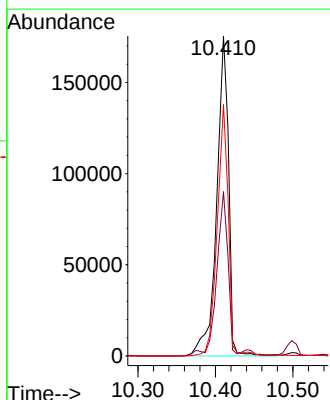
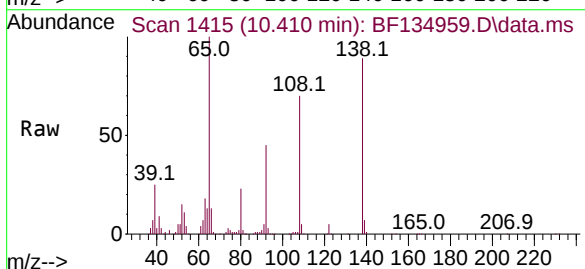
Instrument :
BNA_F
ClientSampleId :
PB155019BS

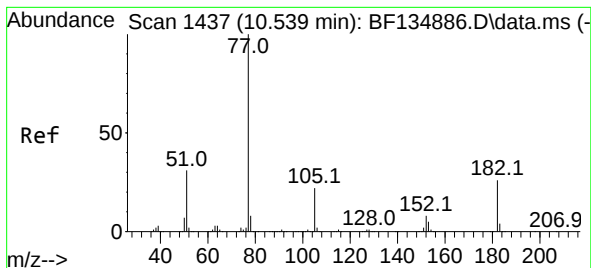
Tgt Ion:204 Resp: 349579
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 64.8 48.6 73.0



#62
4-Nitroaniline
Concen: 47.459 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion:138 Resp: 186780
Ion Ratio Lower Upper
138 100
92 51.3 32.5 72.5
108 78.5 58.6 98.6





#63

Azobenzene

Concen: 44.257 ng

RT: 10.540 min Scan# 1437

Delta R.T. 0.001 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB155019BS

Tgt Ion: 77 Resp: 703966

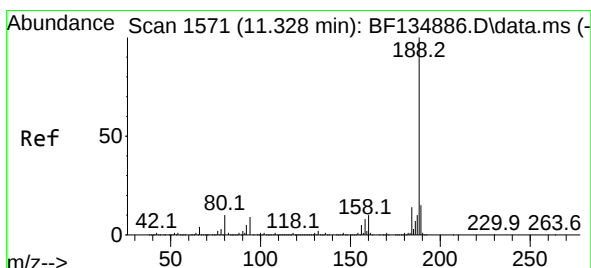
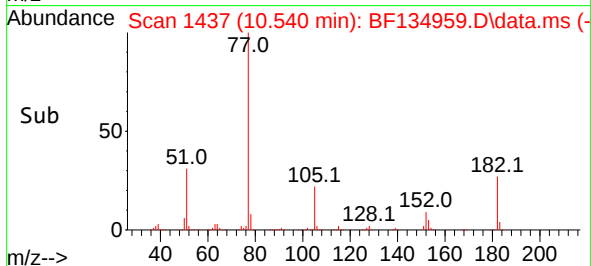
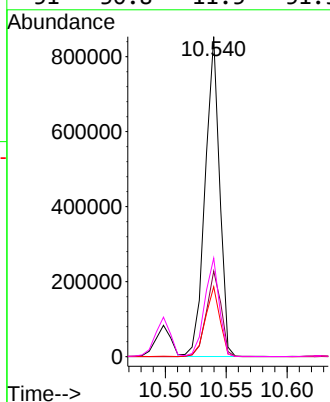
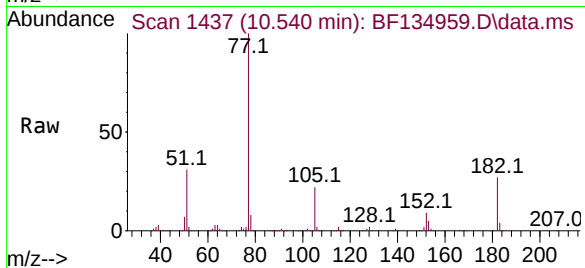
Ion Ratio Lower Upper

77 100

182 26.7 5.8 45.8

105 21.8 1.6 41.6

51 30.8 11.5 51.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 1571

Delta R.T. 0.000 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

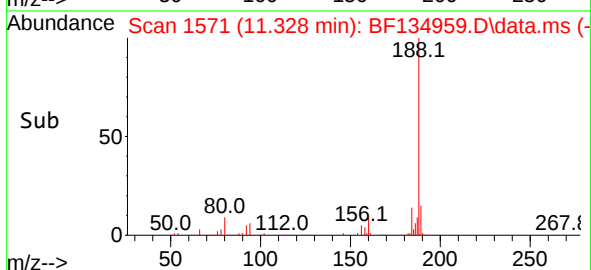
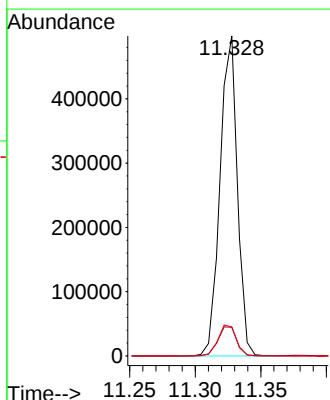
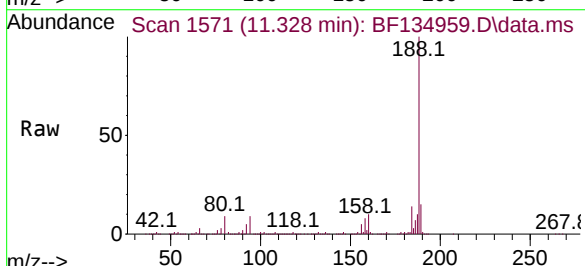
Tgt Ion:188 Resp: 458608

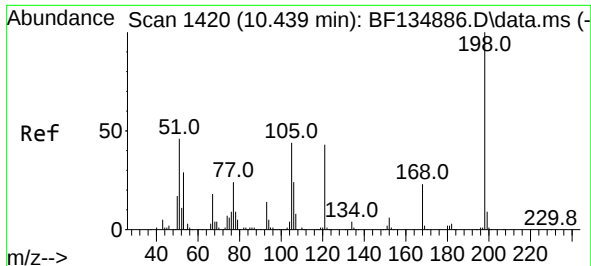
Ion Ratio Lower Upper

188 100

94 8.9 7.5 11.3

80 9.1 7.8 11.6

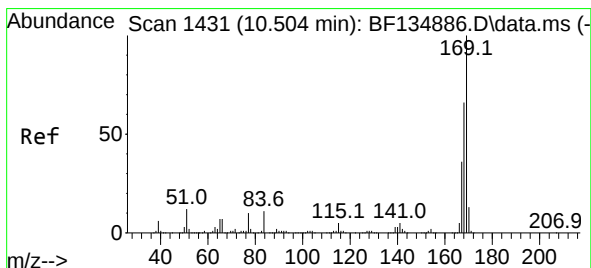
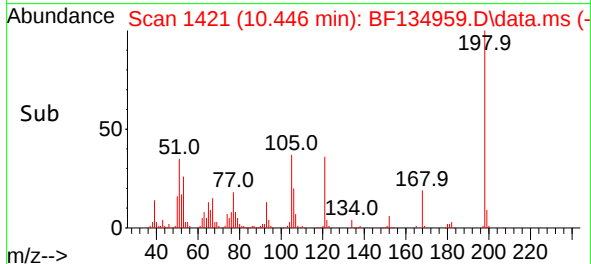
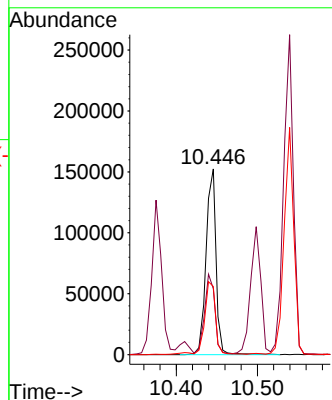
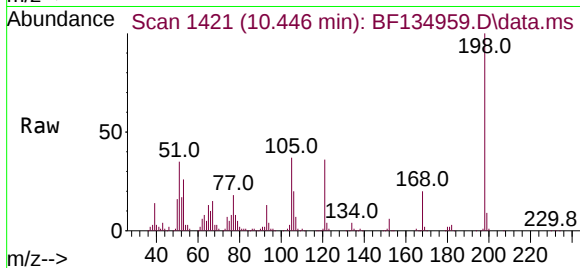




#65
4,6-Dinitro-2-methylphenol
Concen: 48.212 ng
RT: 10.446 min Scan# 14
Delta R.T. 0.007 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

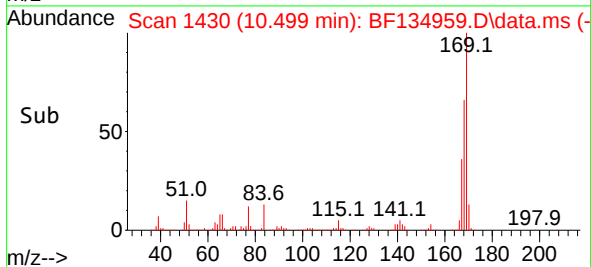
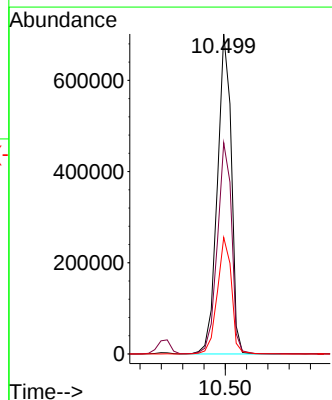
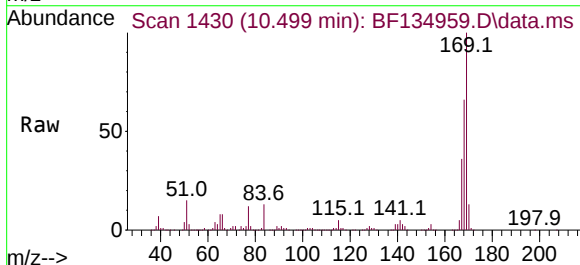
Instrument :
BNA_F
ClientSampleId :
PB155019BS

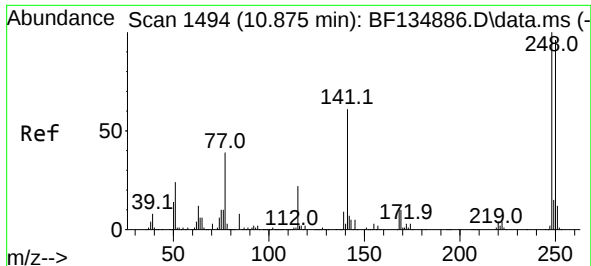
Tgt Ion:198 Resp: 130466
Ion Ratio Lower Upper
198 100
51 35.4 30.3 70.3
105 36.6 24.5 64.5



#66
n-Nitrosodiphenylamine
Concen: 43.342 ng
RT: 10.499 min Scan# 1430
Delta R.T. -0.005 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion:169 Resp: 640089
Ion Ratio Lower Upper
169 100
168 66.0 53.0 79.6
167 36.4 29.0 43.6

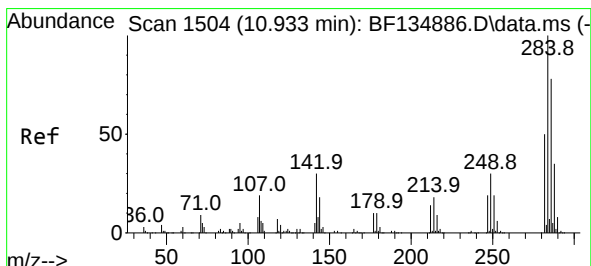
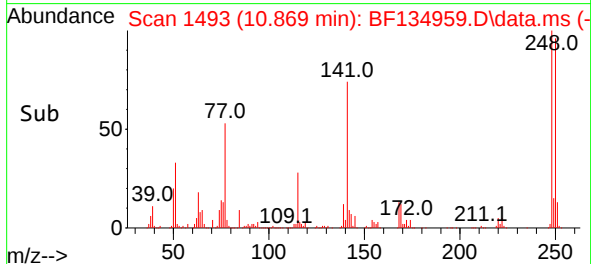
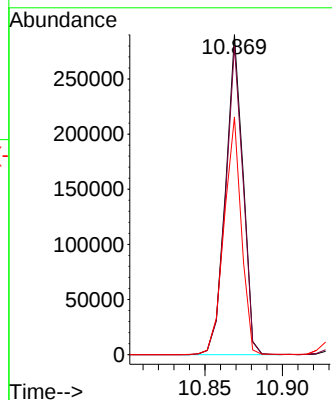
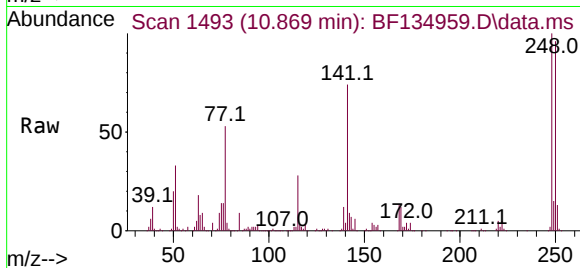




#67
4-Bromophenyl-phenylether
Concen: 43.153 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

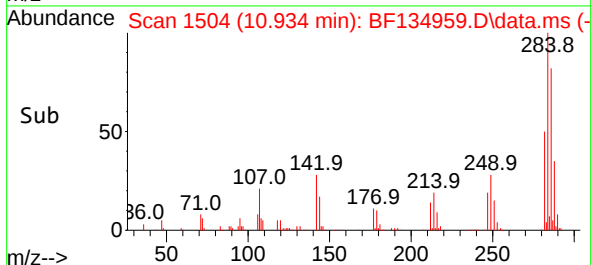
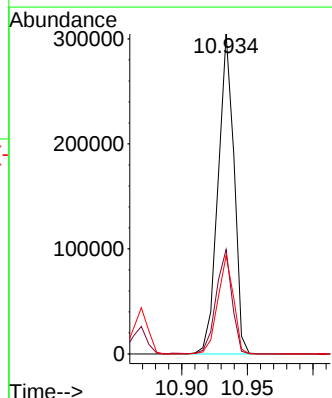
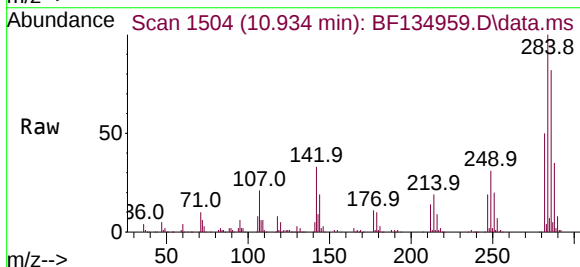
Instrument :
BNA_F
ClientSampleId :
PB155019BS

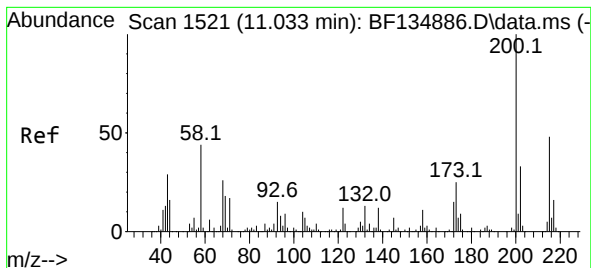
Tgt Ion:248 Resp: 228319
Ion Ratio Lower Upper
248 100
250 96.4 77.1 115.7
141 74.3 49.0 73.4#



#68
Hexachlorobenzene
Concen: 45.760 ng
RT: 10.934 min Scan# 1504
Delta R.T. 0.001 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion:284 Resp: 257499
Ion Ratio Lower Upper
284 100
142 32.6 23.9 35.9
249 30.7 24.1 36.1





#69

Atrazine

Concen: 54.234 ng

RT: 11.034 min Scan# 1521

Delta R.T. 0.001 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB155019BS

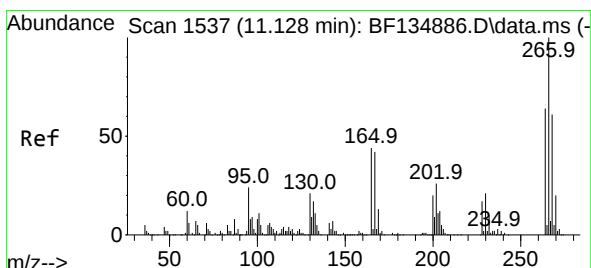
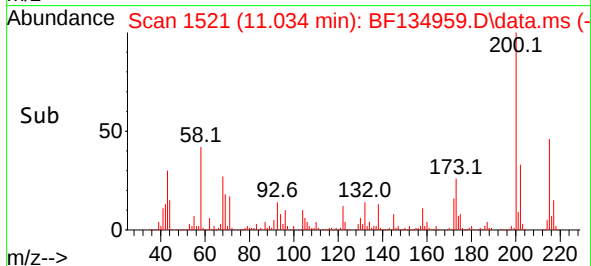
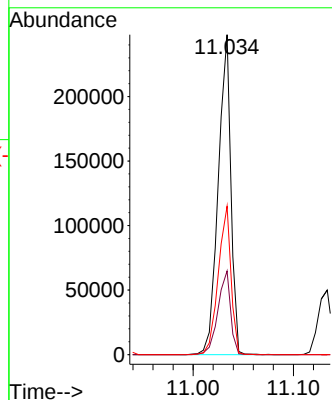
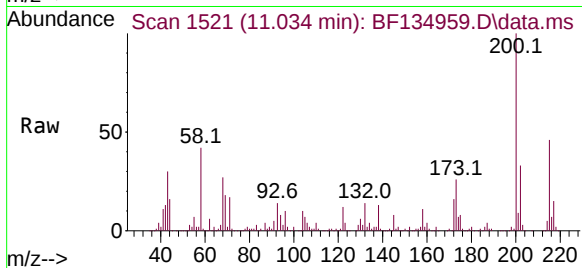
Tgt Ion:200 Resp: 217494

Ion Ratio Lower Upper

200 100

173 26.1 5.3 45.3

215 46.4 28.3 68.3



#70

Pentachlorophenol

Concen: 71.370 ng

RT: 11.134 min Scan# 1538

Delta R.T. 0.006 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

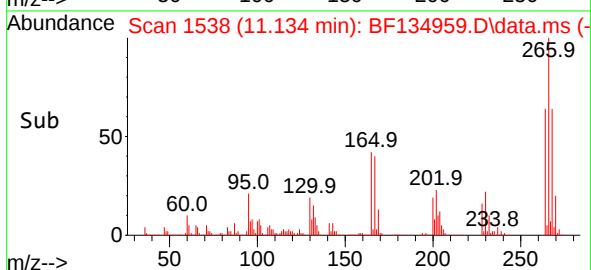
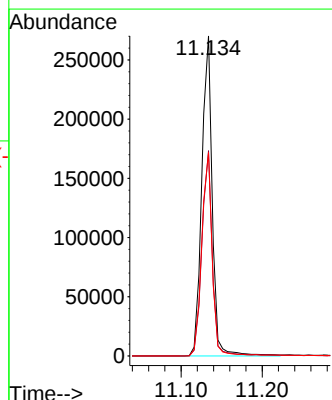
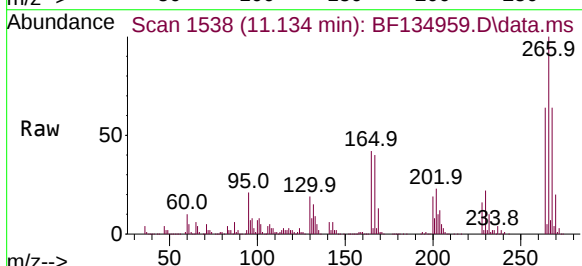
Tgt Ion:266 Resp: 241692

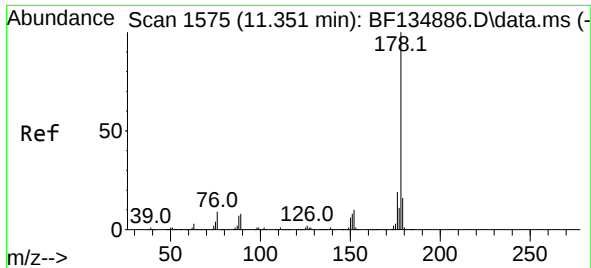
Ion Ratio Lower Upper

266 100

268 64.1 48.9 73.3

264 63.5 51.0 76.6

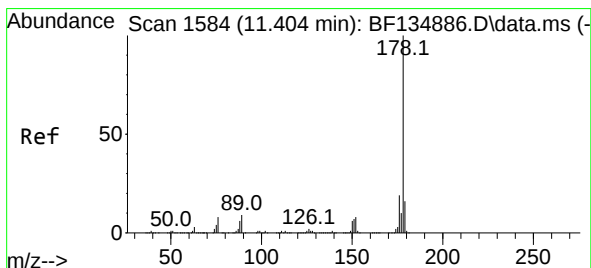
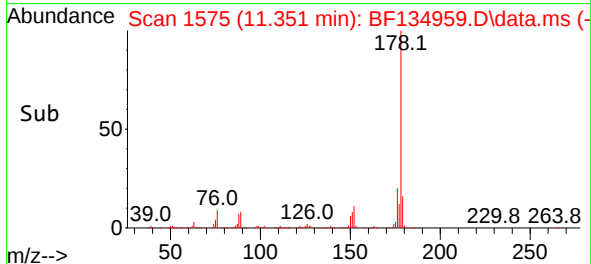
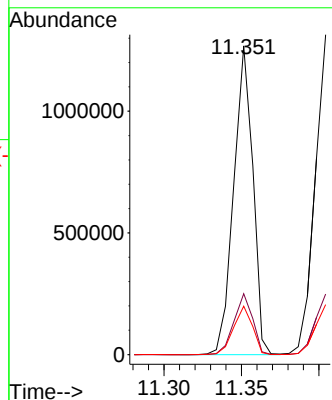
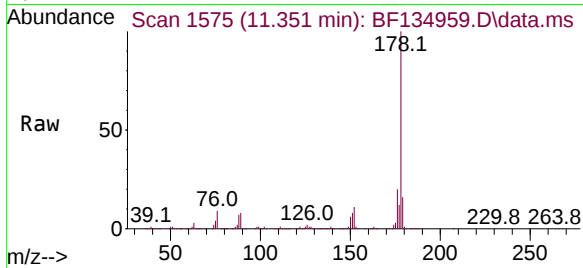




#71
Phenanthrene
Concen: 45.298 ng
RT: 11.351 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

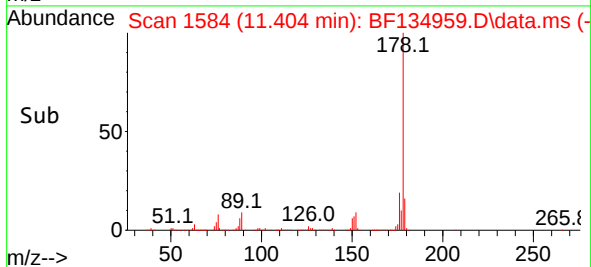
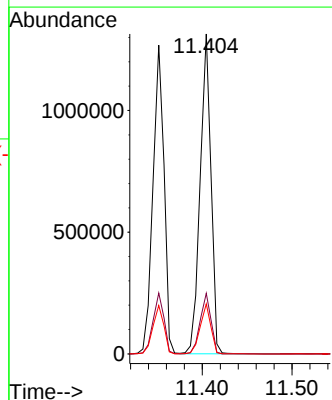
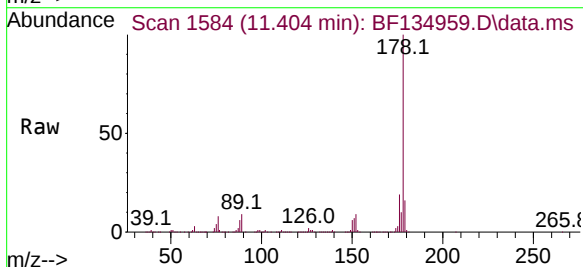
Instrument :
BNA_F
ClientSampleId :
PB155019BS

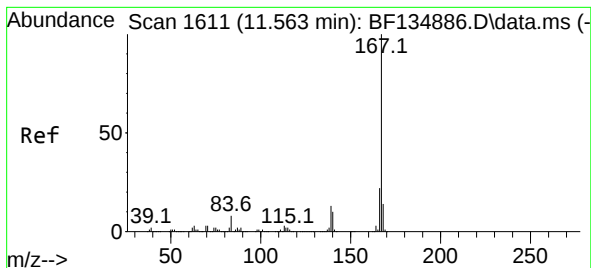
Tgt Ion:178 Resp: 1088600
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.7 12.6 19.0



#72
Anthracene
Concen: 44.804 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion:178 Resp: 1103212
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.6 12.5 18.7





#73

Carbazole

Concen: 47.303 ng

RT: 11.563 min Scan# 1611

Delta R.T. 0.000 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB155019BS

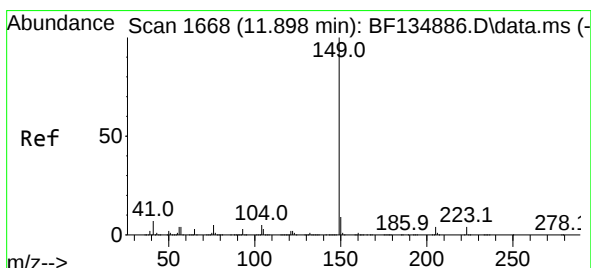
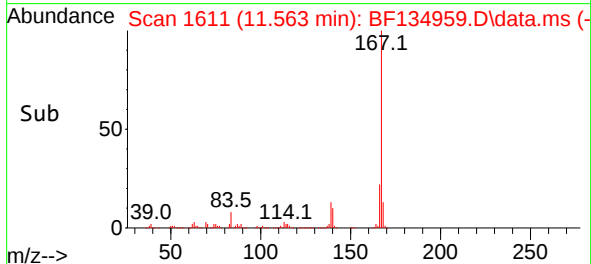
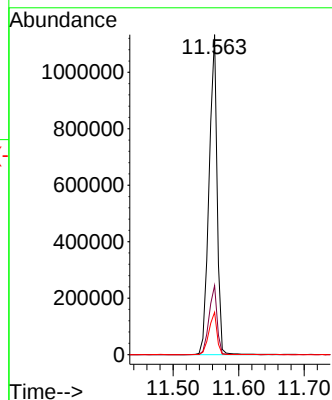
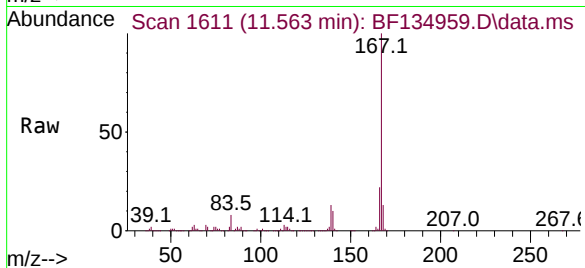
Tgt Ion:167 Resp: 959778

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.2

139 13.2 10.4 15.6



#74

Di-n-butylphthalate

Concen: 46.578 ng

RT: 11.893 min Scan# 1667

Delta R.T. -0.006 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

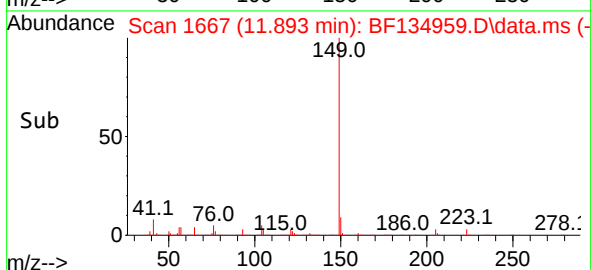
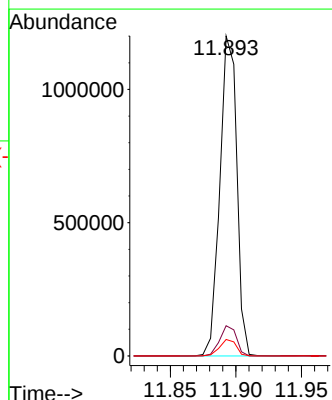
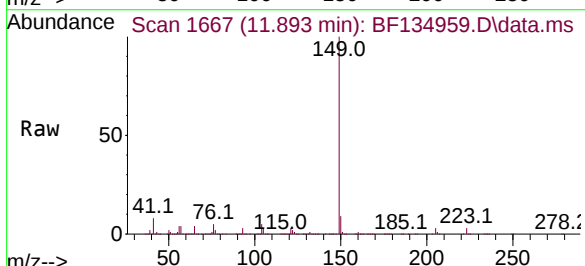
Tgt Ion:149 Resp: 1083887

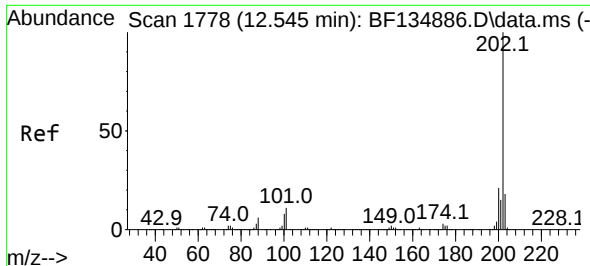
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 5.1 4.1 6.1

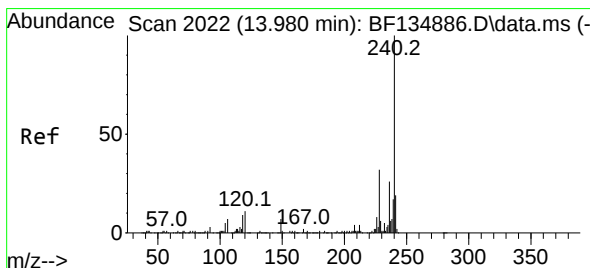
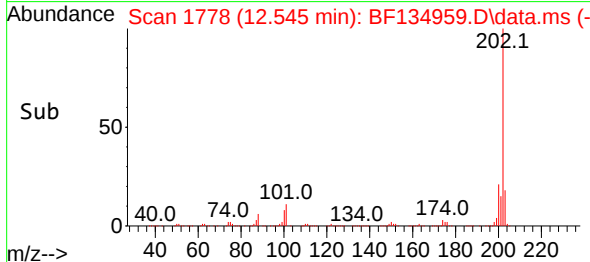
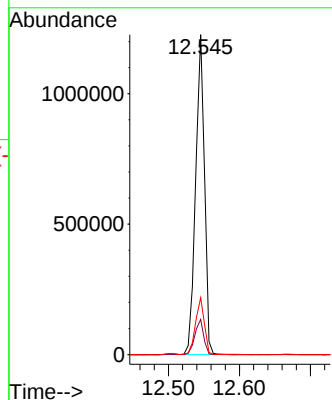
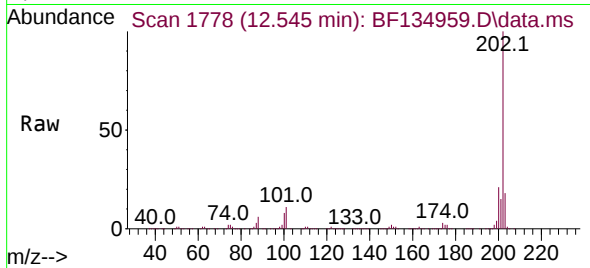




#75
Fluoranthene
Concen: 46.809 ng
RT: 12.545 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

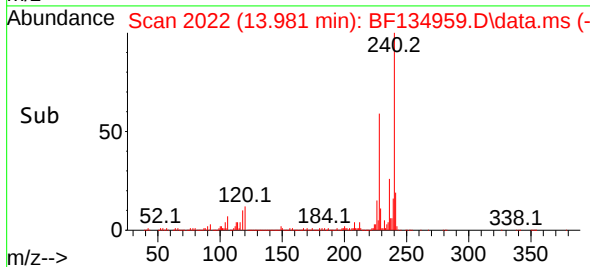
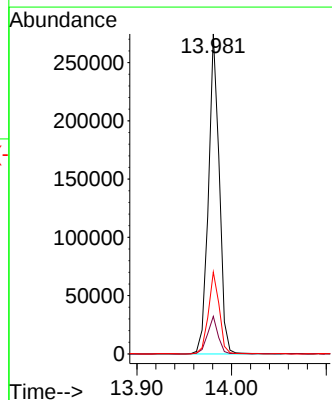
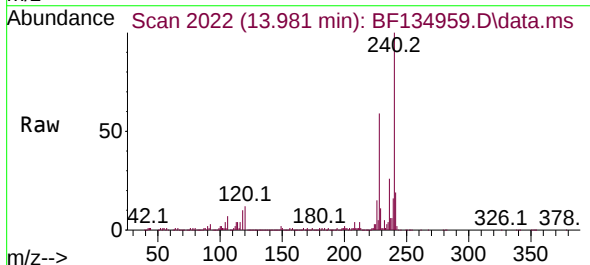
Instrument :
BNA_F
ClientSampleId :
PB155019BS

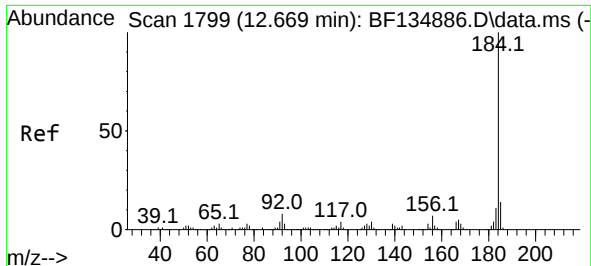
Tgt Ion:202 Resp: 1065858
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.5
203 17.8 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.981 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion:240 Resp: 218662
Ion Ratio Lower Upper
240 100
120 11.7 8.6 12.8
236 25.6 20.6 31.0

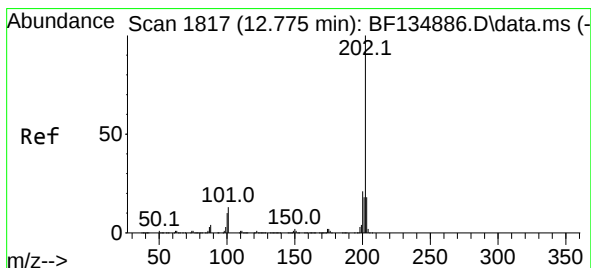
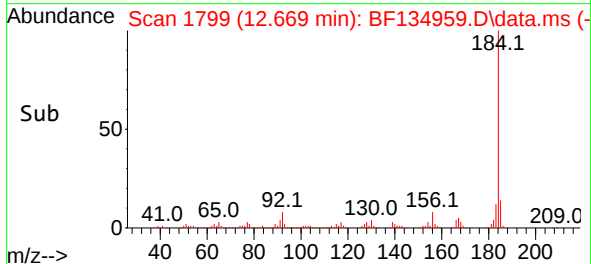
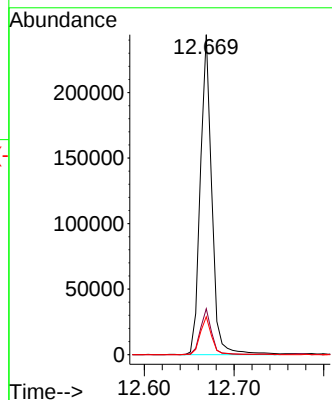
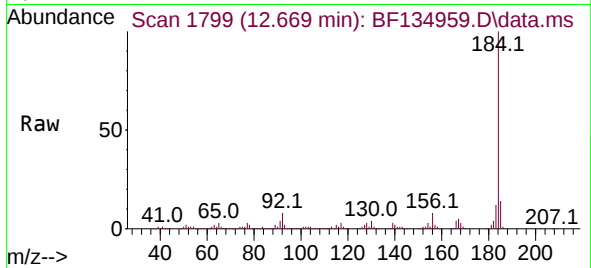




#77
Benzidine
Concen: 60.881 ng
RT: 12.669 min Scan# 1799
Delta R.T. -0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

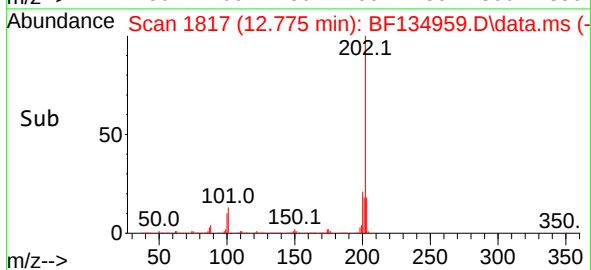
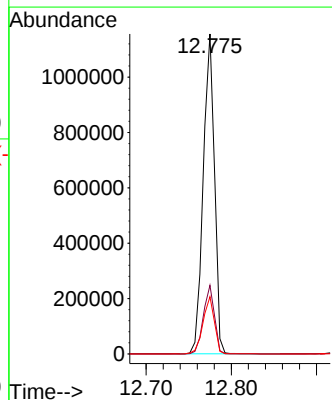
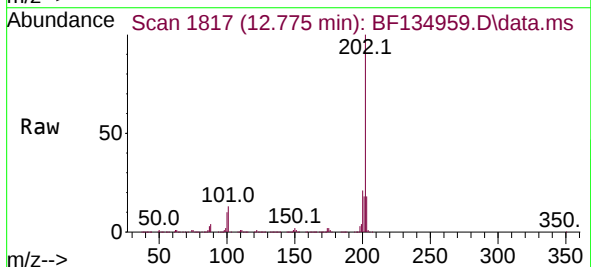
Instrument :
BNA_F
ClientSampleId :
PB155019BS

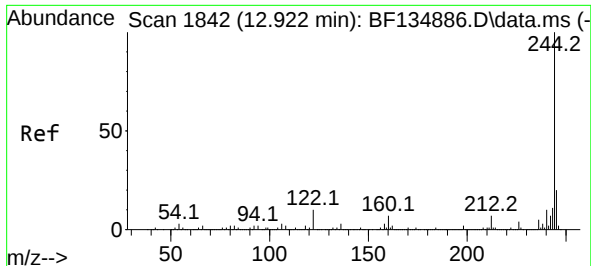
Tgt Ion:184 Resp: 215992
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.0
183 11.8 9.0 13.4



#78
Pyrene
Concen: 45.644 ng
RT: 12.775 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

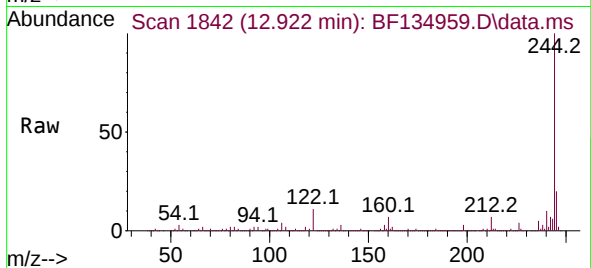
Tgt Ion:202 Resp: 1058202
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.9 14.2 21.2



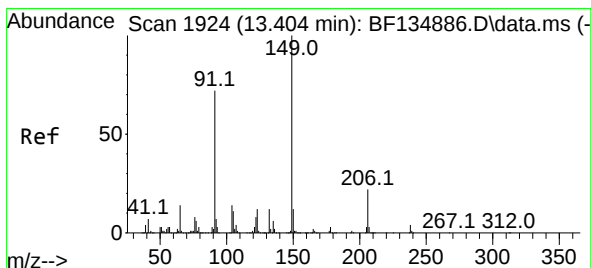
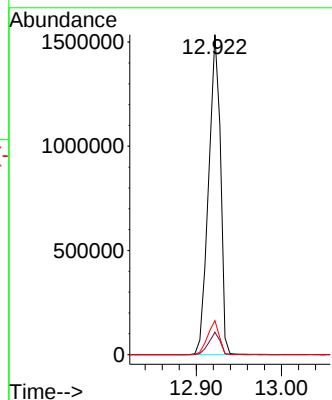
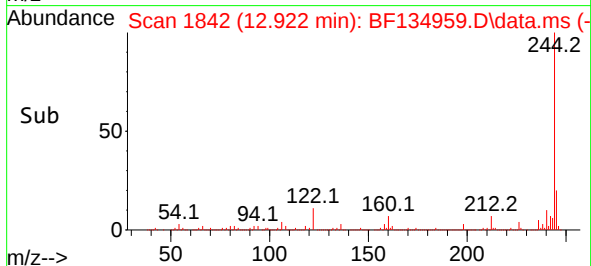


#79
 Terphenyl-d14
 Concen: 93.549 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BF134959.D
 Acq: 28 Aug 2023 09:59

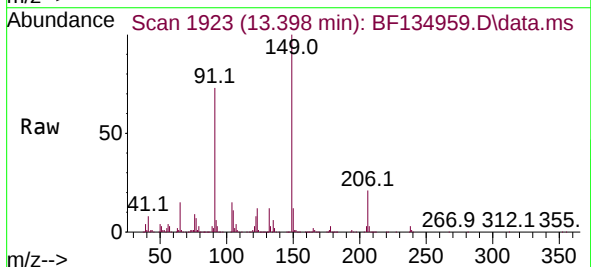
Instrument :
 BNA_F
 ClientSampleId :
 PB155019BS



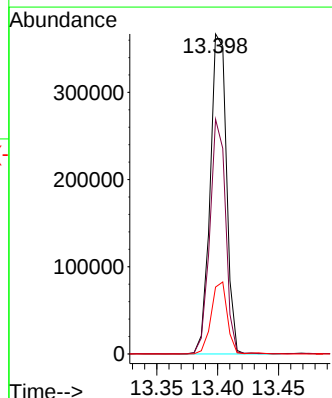
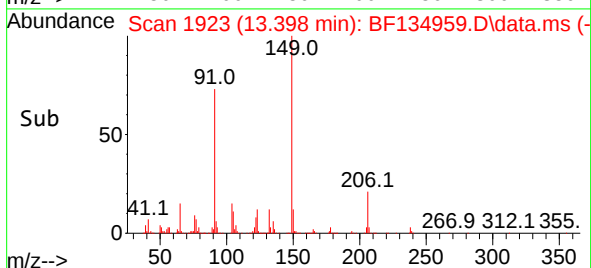
Tgt Ion:244 Resp: 1487243
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.6 8.2 12.4

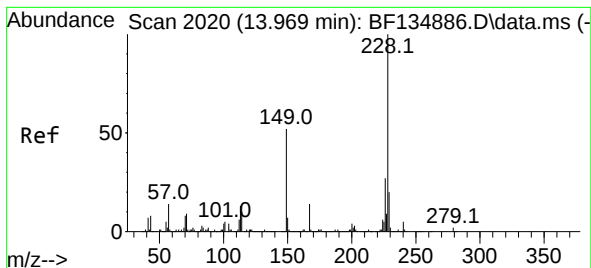


#80
 Butylbenzylphthalate
 Concen: 48.494 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF134959.D
 Acq: 28 Aug 2023 09:59



Tgt Ion:149 Resp: 342538
 Ion Ratio Lower Upper
 149 100
 91 73.3 57.2 85.8
 206 20.9 18.0 27.0





#81

Benzo(a)anthracene

Concen: 46.897 ng

RT: 13.969 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB155019BS

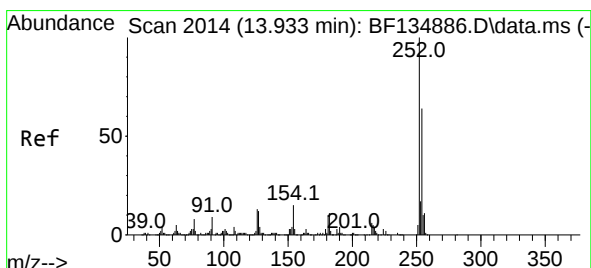
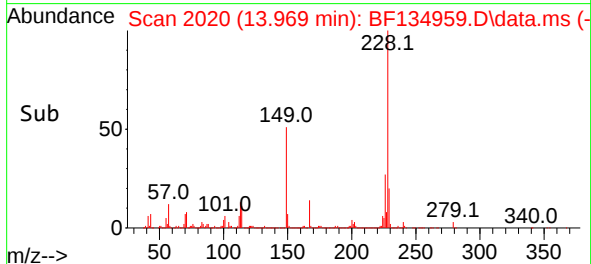
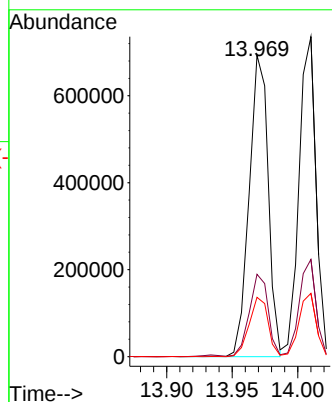
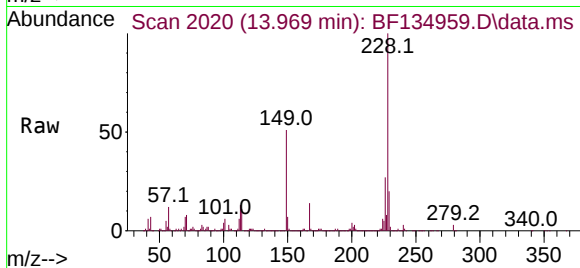
Tgt Ion:228 Resp: 699652

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.6

229 19.7 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 37.300 ng

RT: 13.934 min Scan# 2014

Delta R.T. 0.001 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

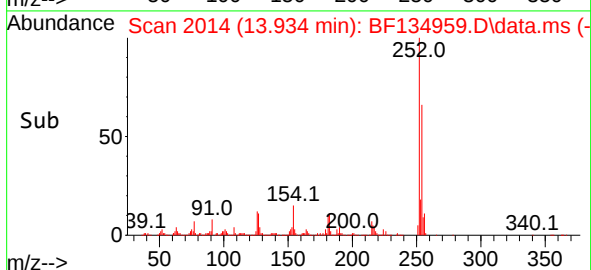
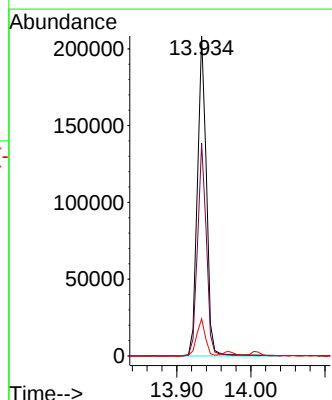
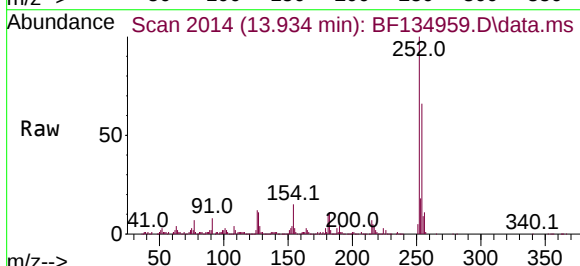
Tgt Ion:252 Resp: 176123

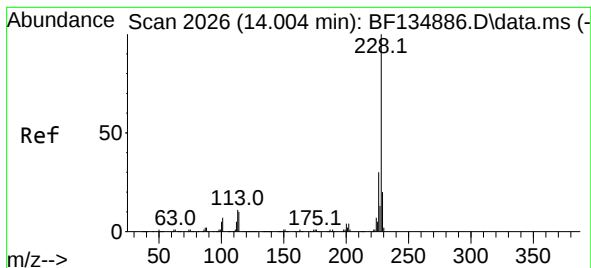
Ion Ratio Lower Upper

252 100

254 66.5 51.6 77.4

126 11.6 10.3 15.5





#83

Chrysene

Concen: 45.254 ng

RT: 14.010 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB155019BS

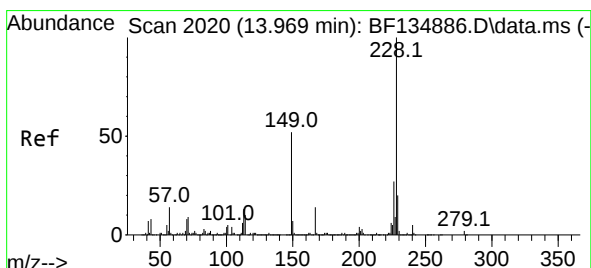
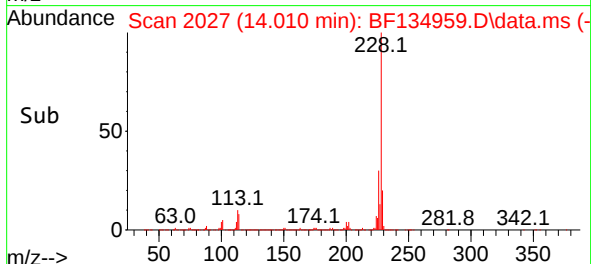
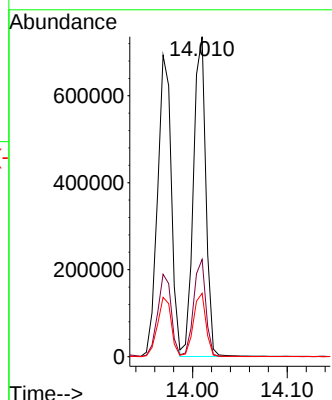
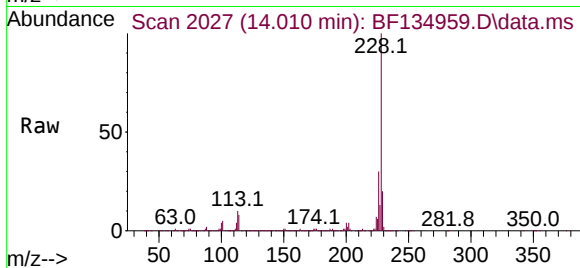
Tgt Ion:228 Resp: 666129

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.2

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.956 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

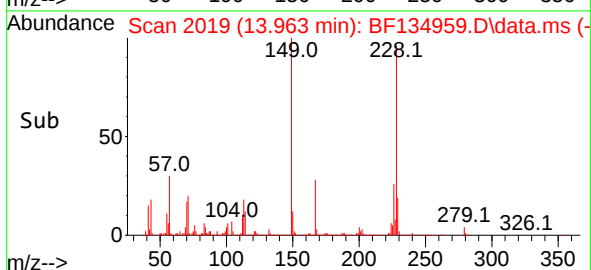
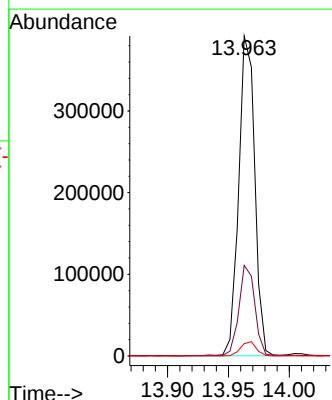
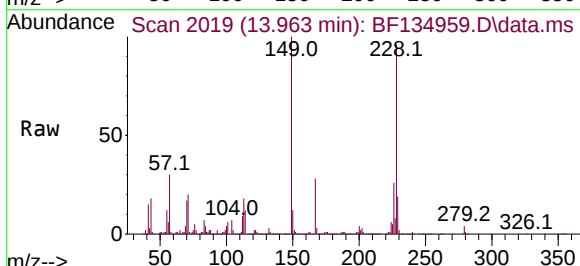
Tgt Ion:149 Resp: 359287

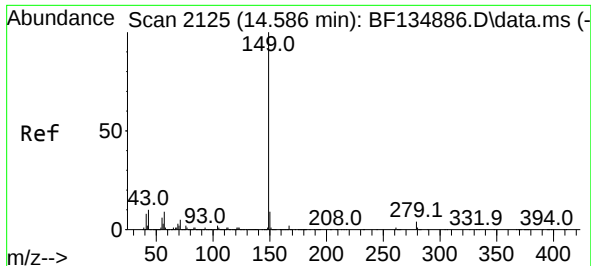
Ion Ratio Lower Upper

149 100

167 28.3 22.1 33.1

279 3.8 3.6 5.4

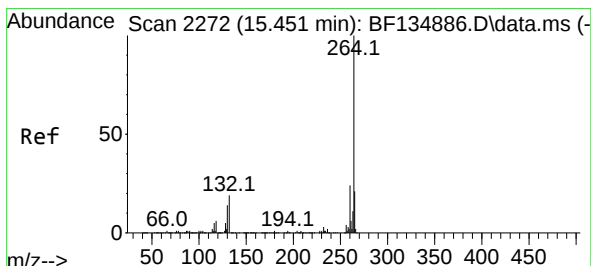
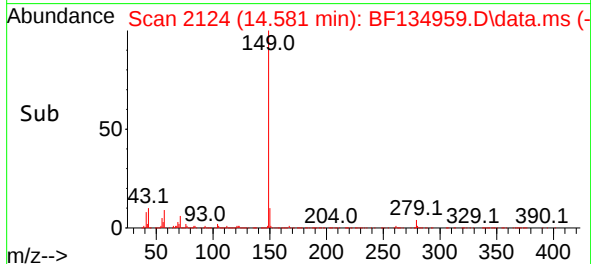
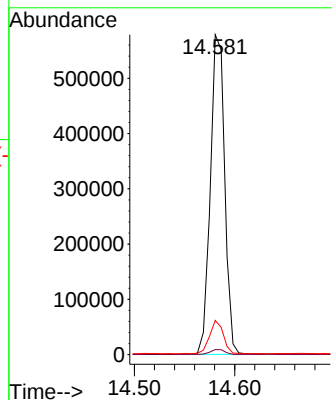
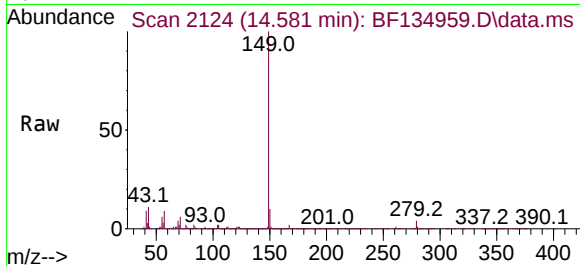




#85
Di-n-octyl phthalate
Concen: 45.950 ng
RT: 14.581 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

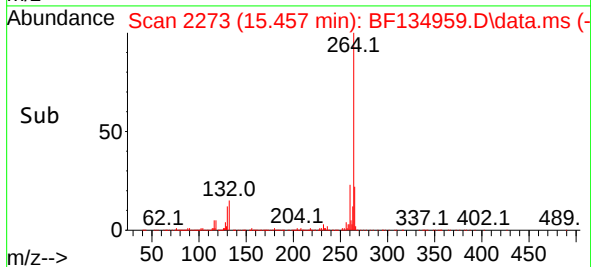
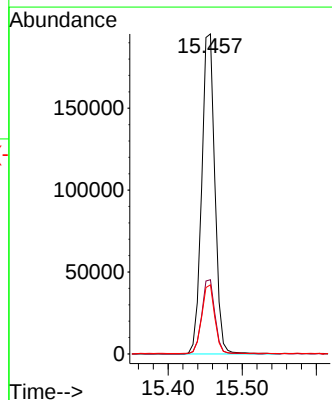
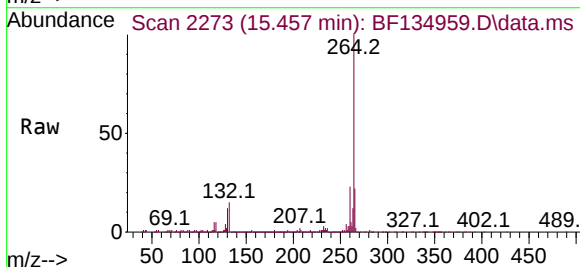
Instrument :
BNA_F
ClientSampleId :
PB155019BS

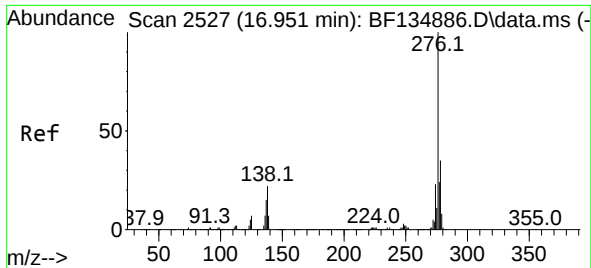
Tgt Ion:149 Resp: 573314
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.0 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion:264 Resp: 240130
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.6
265 21.6 17.1 25.7

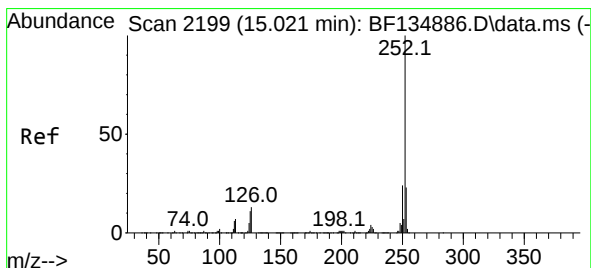
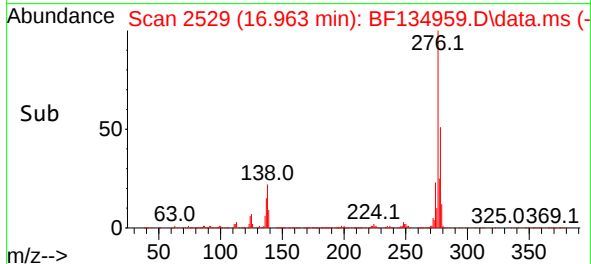
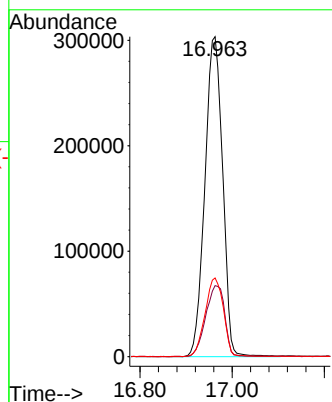
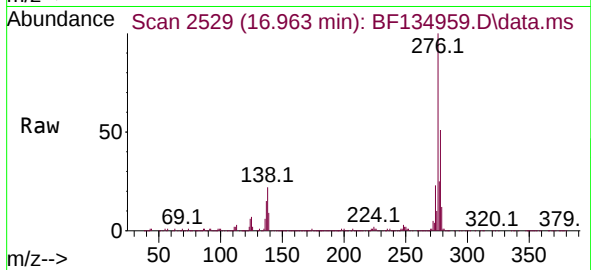




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.057 ng
 RT: 16.963 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF134959.D
 Acq: 28 Aug 2023 09:59

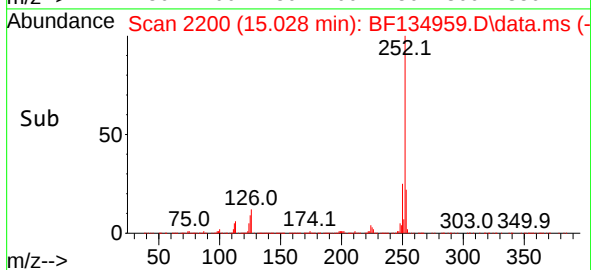
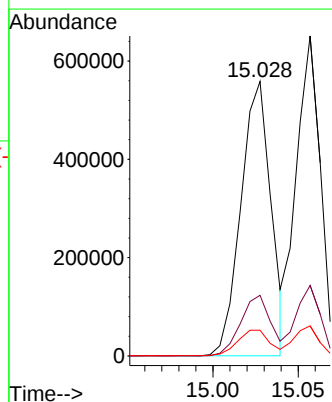
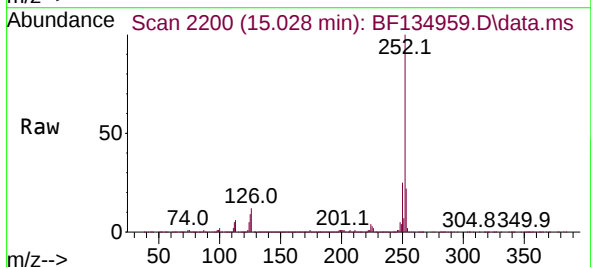
Instrument :
 BNA_F
 ClientSampleId :
 PB155019BS

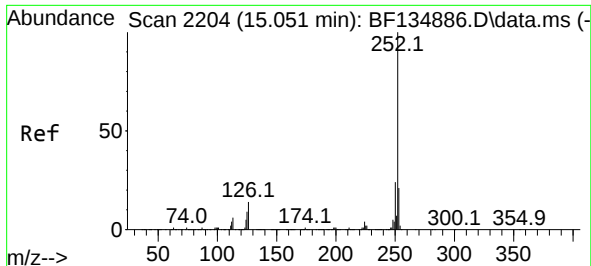
Tgt Ion:276 Resp: 807690
 Ion Ratio Lower Upper
 276 100
 138 23.9 19.7 29.5
 277 25.2 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 50.557 ng
 RT: 15.028 min Scan# 2200
 Delta R.T. 0.006 min
 Lab File: BF134959.D
 Acq: 28 Aug 2023 09:59

Tgt Ion:252 Resp: 684945
 Ion Ratio Lower Upper
 252 100
 253 22.1 18.1 27.1
 125 9.4 8.4 12.6

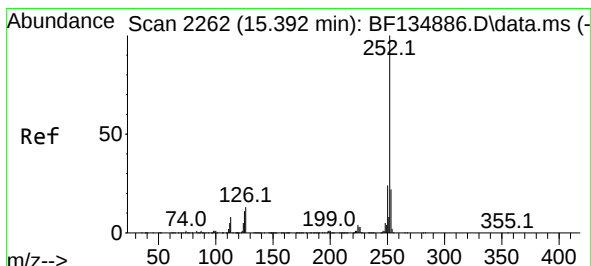
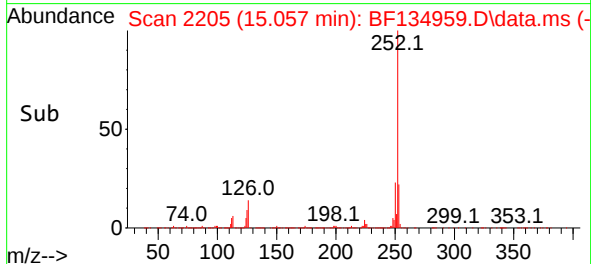
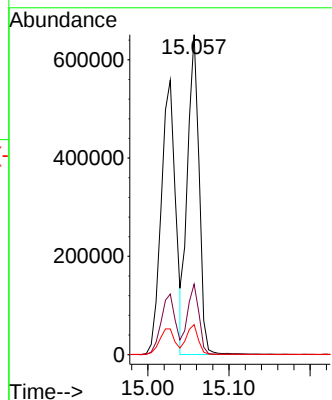
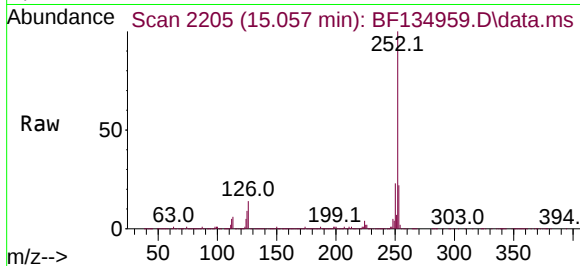




#89
Benzo(k)fluoranthene
Concen: 48.686 ng
RT: 15.057 min Scan# 2204
Delta R.T. 0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

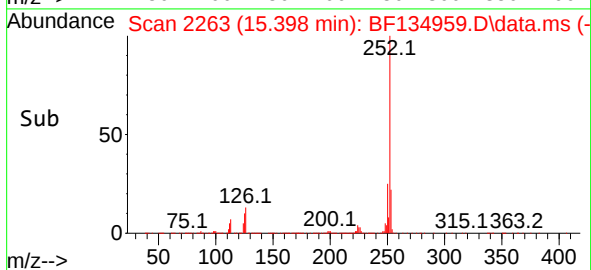
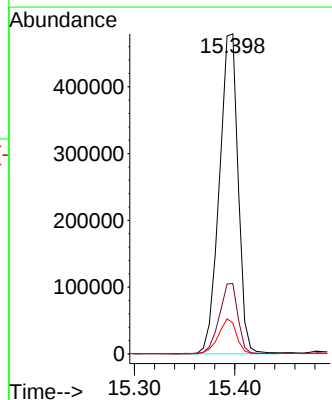
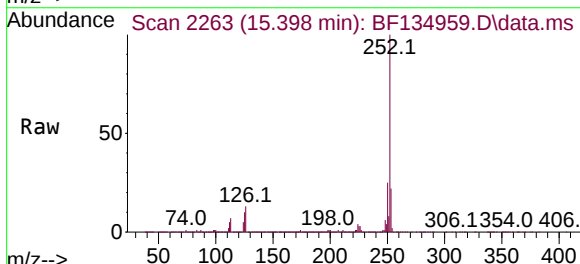
Instrument :
BNA_F
ClientSampleId :
PB155019BS

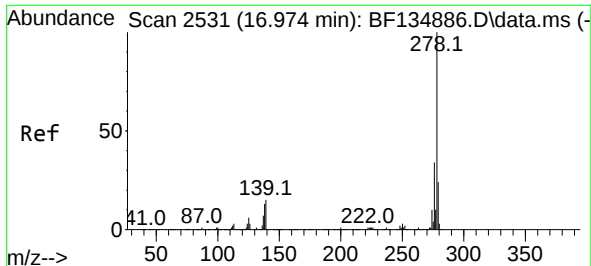
Tgt Ion:252 Resp: 647714
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 9.4 8.0 12.0



#90
Benzo(a)pyrene
Concen: 46.256 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion:252 Resp: 625593
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.7 8.4 12.6

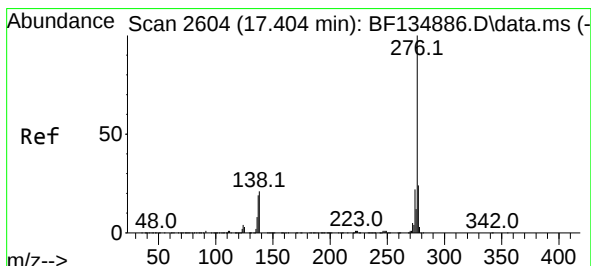
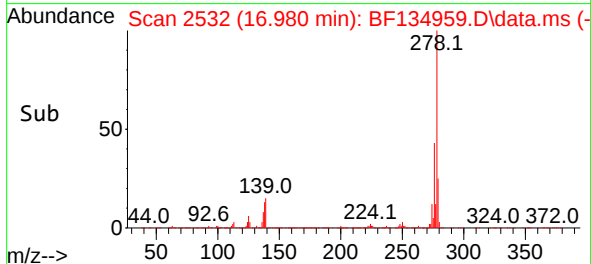
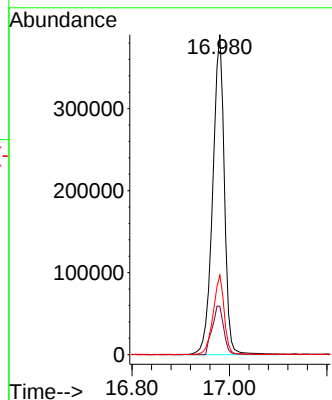
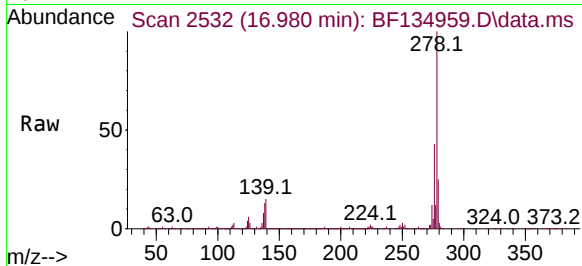




#91
Dibenzo(a,h)anthracene
Concen: 46.796 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Instrument :
BNA_F
ClientSampleId :
PB155019BS

Tgt Ion:278 Resp: 649894
Ion Ratio Lower Upper
278 100
139 15.1 12.2 18.4
279 24.8 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 44.467 ng
RT: 17.416 min Scan# 2606
Delta R.T. 0.012 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion:276 Resp: 632183
Ion Ratio Lower Upper
276 100
277 23.7 19.2 28.8
138 21.4 17.0 25.6

