

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
 Data File : BF136276.D
 Acq On : 29 Nov 2023 11:14
 Operator : CG\JU
 Sample : PB157197BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156824BS

Quant Time: Nov 29 11:45:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	151926	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	677109	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	345184	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	671325	20.000	ng	0.00
76) Chrysene-d12	13.992	240	314895	20.000	ng	0.00
86) Perylene-d12	15.474	264	275800	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1450044	132.844	ng	0.02
7) Phenol-d6	6.451	99	1777241	130.217	ng	0.00
23) Nitrobenzene-d5	7.375	82	1088822	84.974	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	591153	140.078	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	2253221	83.377	ng	0.00
79) Terphenyl-d14	12.933	244	2591131	94.915	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	159024	38.504	ng	99
3) Pyridine	3.446	79	359087	35.221	ng	97
4) n-Nitrosodimethylamine	3.410	42	214701	41.661	ng	95
6) Aniline	6.475	93	532471	41.277	ng	99
8) 2-Chlorophenol	6.598	128	551762	46.425	ng	93
9) Benzaldehyde	6.357	77	86560	11.379	ng	96
10) Phenol	6.463	94	665432	45.446	ng	93
11) bis(2-Chloroethyl)ether	6.551	93	492933	45.890	ng	97
12) 1,3-Dichlorobenzene	6.751	146	577759	42.836	ng	99
13) 1,4-Dichlorobenzene	6.828	146	593380	43.276	ng	99
14) 1,2-Dichlorobenzene	6.975	146	557931	42.982	ng	98
15) Benzyl Alcohol	6.957	79	447469	46.762	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.086	45	670709	44.953	ng	99
17) 2-Methylphenol	7.063	107	439325	47.018	ng	98
18) Hexachloroethane	7.316	117	203424	42.297	ng	94
19) n-Nitroso-di-n-propyla...	7.228	70	367903	45.071	ng	98
20) 3+4-Methylphenols	7.216	107	551183	45.389	ng	90
22) Acetophenone	7.222	105	780058	43.865	ng	# 95
24) Nitrobenzene	7.392	77	540946	41.659	ng	97
25) Isophorone	7.628	82	1013620	43.871	ng	99
26) 2-Nitrophenol	7.704	139	270254	48.848	ng	99
27) 2,4-Dimethylphenol	7.745	122	460121	63.185	ng	97
28) bis(2-Chloroethoxy)met...	7.839	93	623786	44.634	ng	99
29) 2,4-Dichlorophenol	7.945	162	456988	46.526	ng	96
30) 1,2,4-Trichlorobenzene	8.028	180	507355	42.190	ng	98
31) Naphthalene	8.110	128	1656472	43.524	ng	99
32) Benzoic acid	7.886	122	344284	51.876	ng	97
33) 4-Chloroaniline	8.157	127	455048	35.175	ng	99
34) Hexachlorobutadiene	8.222	225	285813	40.625	ng	98
35) Caprolactam	8.539	113	72620	26.448	ng	90
36) 4-Chloro-3-methylphenol	8.645	107	480756	45.129	ng	98
37) 2-Methylnaphthalene	8.798	142	1044631	43.756	ng	98
38) 1-Methylnaphthalene	8.898	142	968105	41.568	ng	97
40) 1,2,4,5-Tetrachloroben...	8.969	216	493086	44.885	ng	98
41) Hexachlorocyclopentadiene	8.951	237	562732	133.126	ng	97
43) 2,4,6-Trichlorophenol	9.080	196	328001	46.001	ng	95

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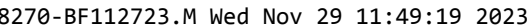
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	344799	44.311	ng	98
46) 1,1'-Biphenyl	9.269	154	1358431	44.626	ng	99
47) 2-Chloronaphthalene	9.292	162	1020260	43.160	ng	100
48) 2-Nitroaniline	9.392	65	289215	46.860	ng	87
49) Acenaphthylene	9.710	152	1553014	46.036	ng	100
50) Dimethylphthalate	9.575	163	1204280	46.159	ng	100
51) 2,6-Dinitrotoluene	9.633	165	247495	46.435	ng	97
52) Acenaphthene	9.880	154	960154	45.038	ng	100
53) 3-Nitroaniline	9.804	138	214344	40.530	ng	98
54) 2,4-Dinitrophenol	9.916	184	275531	111.152	ng	92
55) Dibenzofuran	10.057	168	1435722	45.258	ng	96
56) 4-Nitrophenol	9.975	139	380360	94.696	ng	95
57) 2,4-Dinitrotoluene	10.045	165	339340	47.663	ng	97
58) Fluorene	10.398	166	1099876	44.202	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	299970	48.451	ng	99
60) Diethylphthalate	10.280	149	1187183	45.490	ng	99
61) 4-Chlorophenyl-phenyle...	10.392	204	534767	44.254	ng	99
62) 4-Nitroaniline	10.427	138	242234	46.794	ng	97
63) Azobenzene	10.551	77	1074931	44.428	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	183966	50.112	ng	96
66) n-Nitrosodiphenylamine	10.516	169	979804	45.544	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	344937	44.042	ng	99
68) Hexachlorobenzene	10.945	284	393147	43.372	ng	94
69) Atrazine	11.045	200	196776	30.833	ng	99
70) Pentachlorophenol	11.145	266	422529	82.464	ng	98
71) Phenanthrene	11.363	178	1731755	45.897	ng	100
72) Anthracene	11.416	178	1745119	46.121	ng	99
73) Carbazole	11.574	167	1456370	45.255	ng	99
74) Di-n-butylphthalate	11.910	149	1883166	46.768	ng	99
75) Fluoranthene	12.557	202	1700470	44.394	ng	99
77) Benzidine	12.680	184	229491	44.335	ng	99
78) Pyrene	12.786	202	1673867	48.537	ng	99
80) Butylbenzylphthalate	13.415	149	546398	50.908	ng	94
81) Benzo(a)anthracene	13.980	228	1039622	44.448	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	305863	54.326	ng	97
83) Chrysene	14.021	228	1004727	44.490	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	607831	47.188	ng	# 99
85) Di-n-octyl phthalate	14.598	149	944123	45.438	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	959761	46.636	ng	100
88) Benzo(b)fluoranthene	15.039	252	892238	46.111	ng	99
89) Benzo(k)fluoranthene	15.068	252	885918	48.206	ng	100
90) Benzo(a)pyrene	15.409	252	756574	47.830	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	794141	47.996	ng	99
92) Benzo(g,h,i)perylene	17.445	276	768085	46.330	ng	100

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

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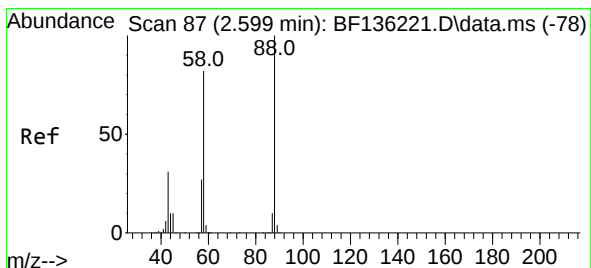
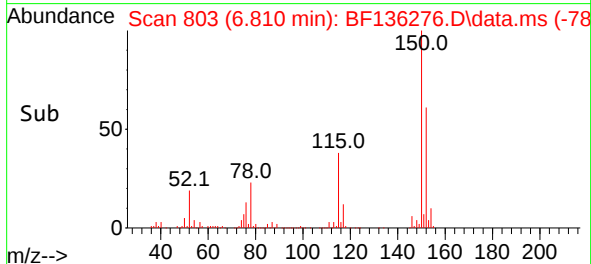
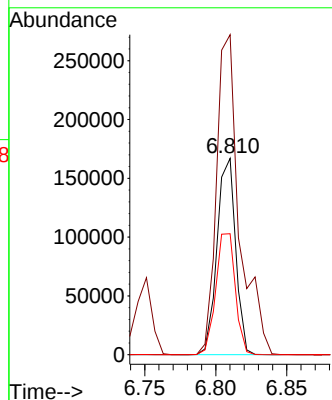
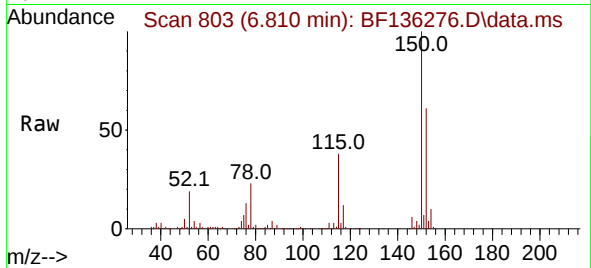




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.810 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF136276.D
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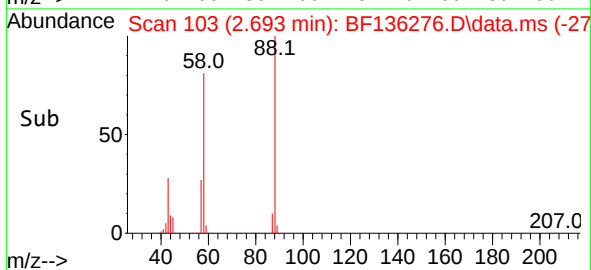
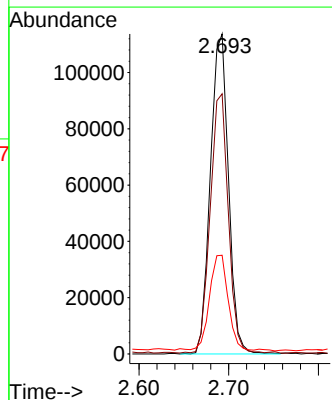
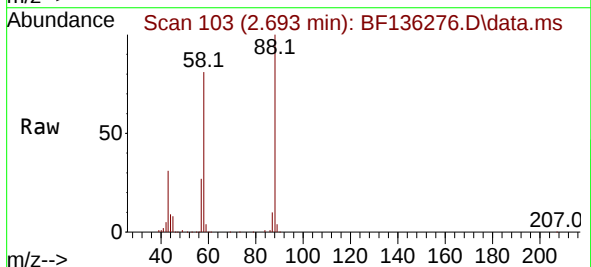
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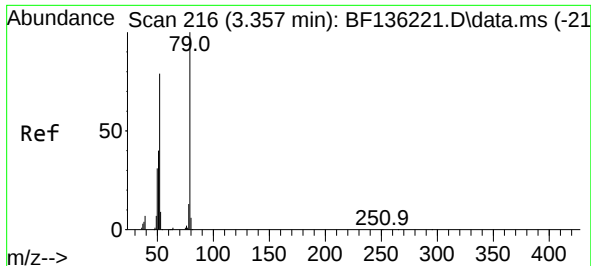
Tgt Ion:152 Resp: 151926
 Ion Ratio Lower Upper
 152 100
 150 163.0 137.8 206.8
 115 61.6 52.7 79.1



#2
 1,4-Dioxane
 Concen: 38.504 ng
 RT: 2.693 min Scan# 103
 Delta R.T. 0.094 min
 Lab File: BF136276.D
 Acq: 29 Nov 2023 11:14

Tgt Ion: 88 Resp: 159024
 Ion Ratio Lower Upper
 88 100
 58 81.0 65.9 98.9
 43 30.4 24.8 37.2

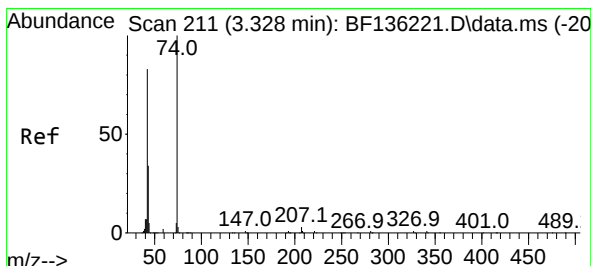
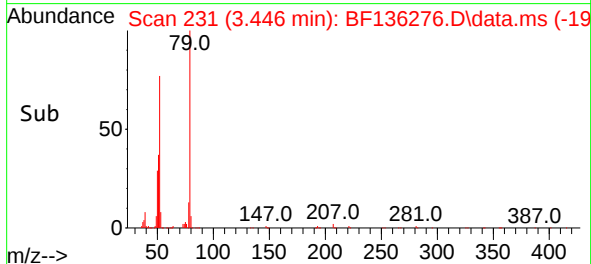
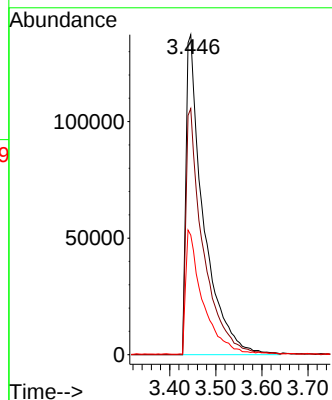
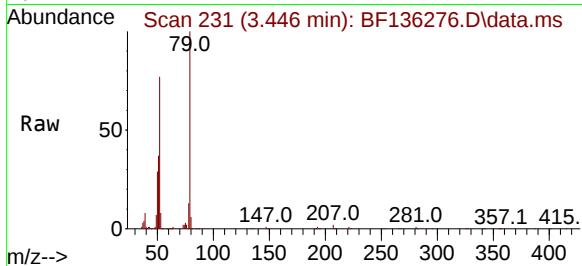




#3
Pyridine
Concen: 35.221 ng
RT: 3.446 min Scan# 21
Delta R.T. 0.088 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

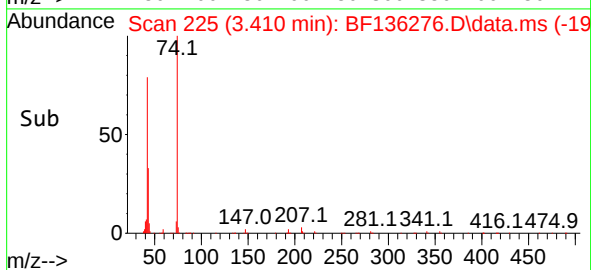
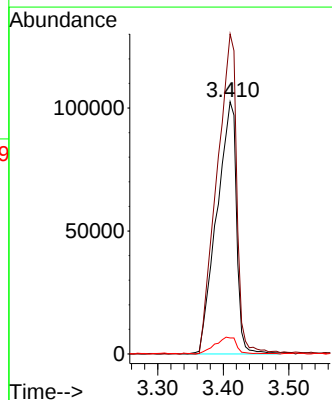
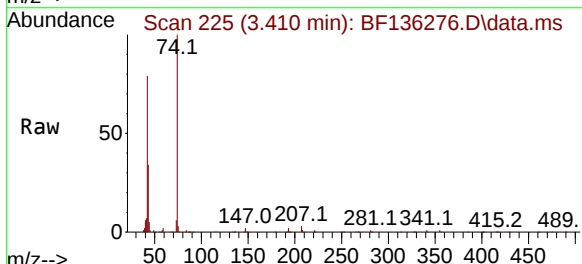
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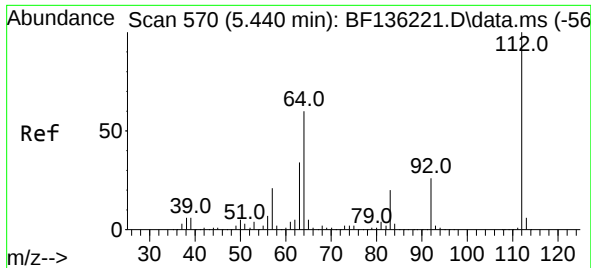
Tgt Ion: 79 Resp: 359087
Ion Ratio Lower Upper
79 100
52 76.9 63.2 94.8
51 37.3 32.6 49.0



#4
n-Nitrosodimethylamine
Concen: 41.661 ng
RT: 3.410 min Scan# 225
Delta R.T. 0.082 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Tgt Ion: 42 Resp: 214701
Ion Ratio Lower Upper
42 100
74 126.9 96.6 144.8
44 6.3 5.4 8.2

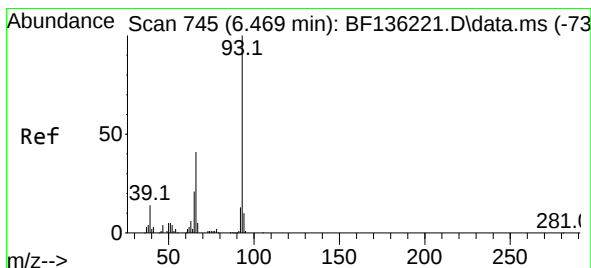
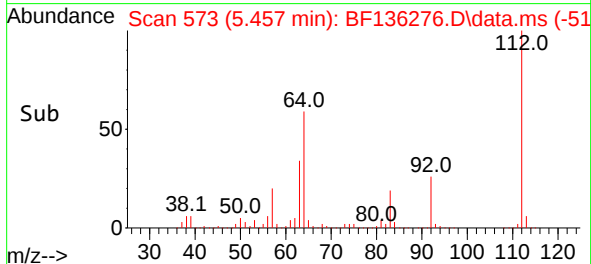
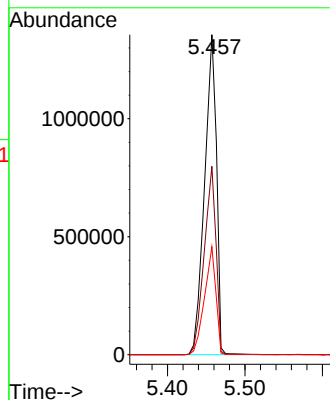
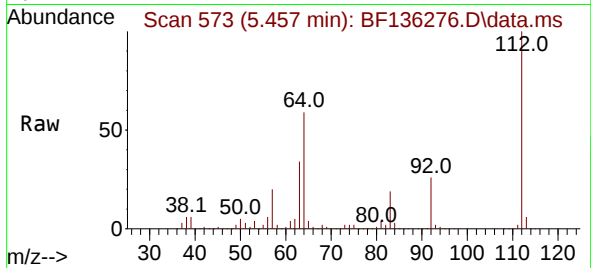




#5
2-Fluorophenol
Concen: 132.844 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

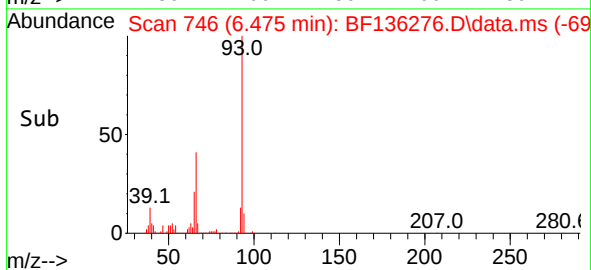
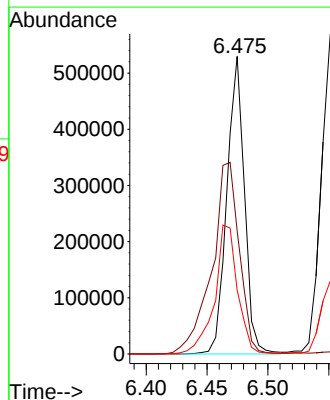
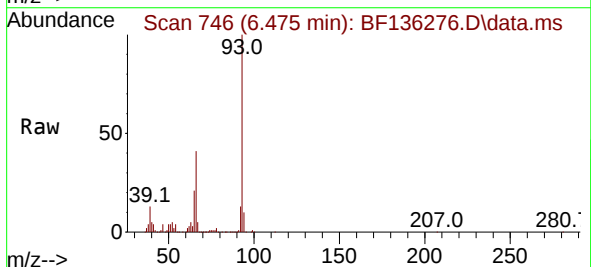
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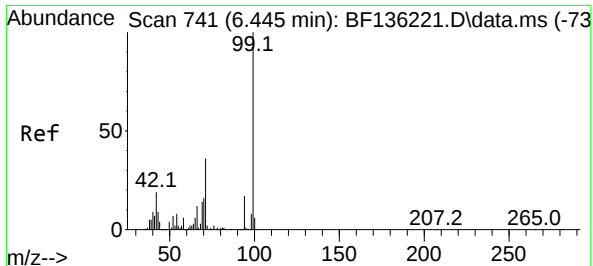
Tgt Ion:112 Resp: 1450044
Ion Ratio Lower Upper
112 100
64 58.9 48.2 72.4
63 33.7 27.0 40.6



#6
Aniline
Concen: 41.277 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Tgt Ion: 93 Resp: 532471
Ion Ratio Lower Upper
93 100
66 41.4 34.1 51.1
65 21.4 17.3 25.9

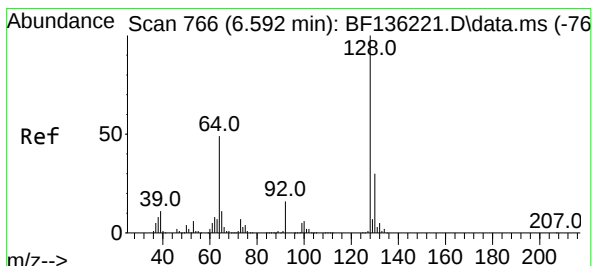
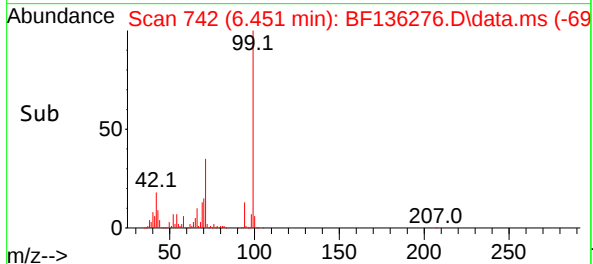
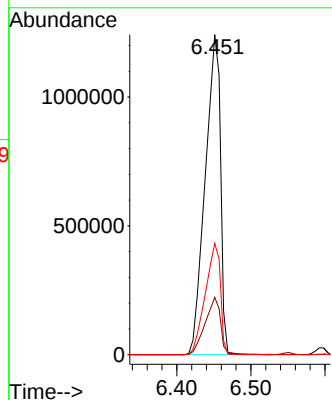
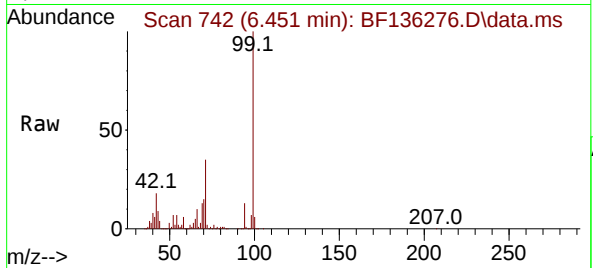




#7
Phenol-d6
Concen: 130.217 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

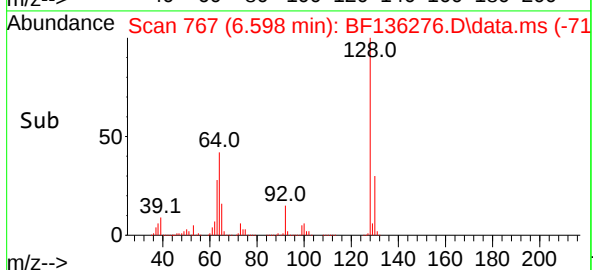
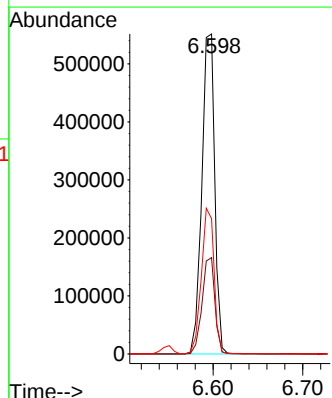
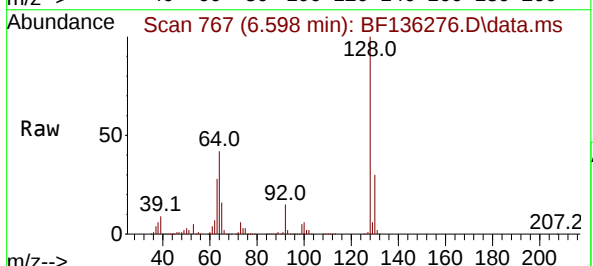
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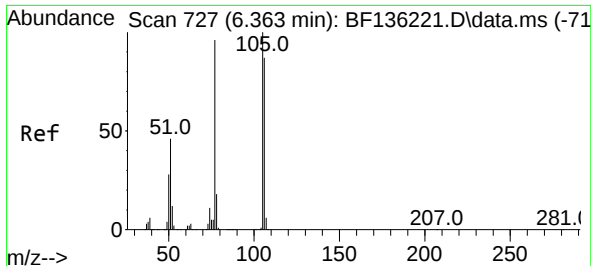
Tgt Ion: 99 Resp: 1777241
Ion Ratio Lower Upper
99 100
42 17.9 15.0 22.6
71 34.7 28.9 43.3



#8
2-Chlorophenol
Concen: 46.425 ng
RT: 6.598 min Scan# 767
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Tgt Ion:128 Resp: 551762
Ion Ratio Lower Upper
128 100
130 30.1 10.3 50.3
64 42.3 30.0 70.0





#9

Benzaldehyde

Concen: 11.379 ng

RT: 6.357 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156824BS

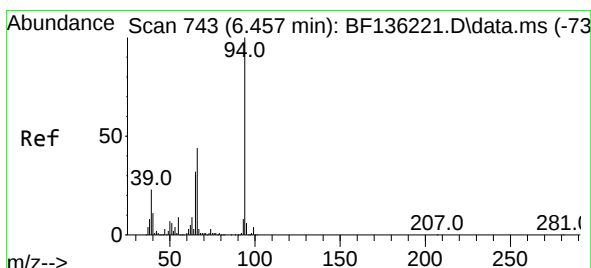
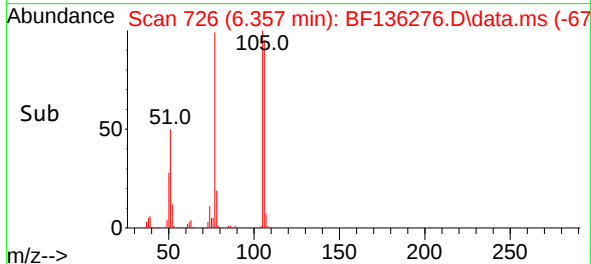
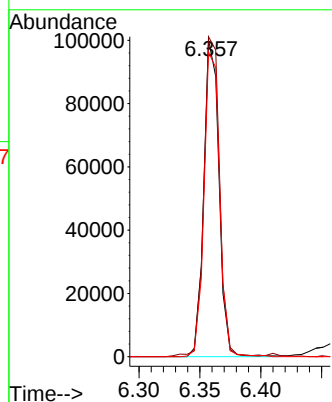
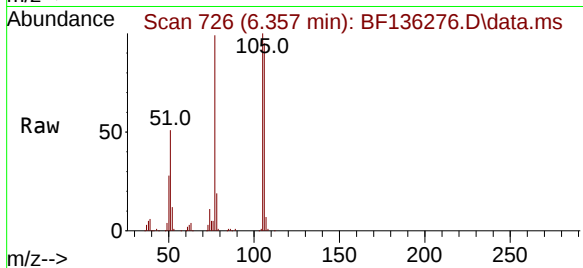
Tgt Ion: 77 Resp: 86560

Ion Ratio Lower Upper

77 100

105 100.9 84.3 124.3

106 96.1 71.0 111.0



#10

Phenol

Concen: 45.446 ng

RT: 6.463 min Scan# 744

Delta R.T. 0.006 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

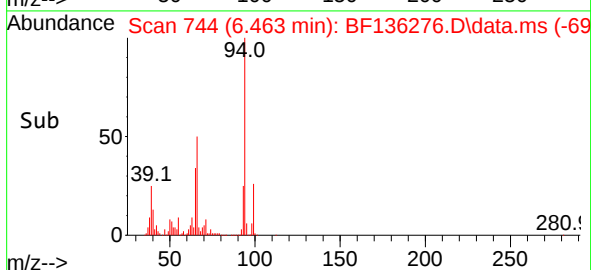
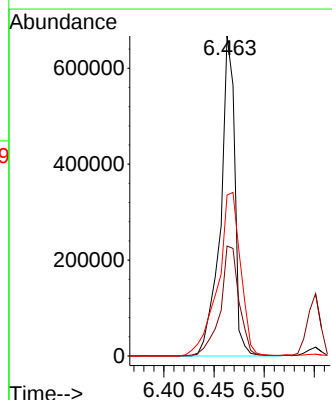
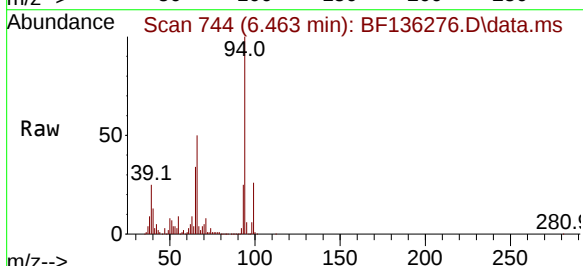
Tgt Ion: 94 Resp: 665432

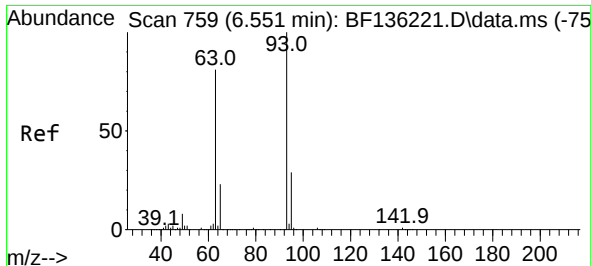
Ion Ratio Lower Upper

94 100

65 34.4 12.5 52.5

66 50.3 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 45.890 ng

RT: 6.551 min Scan# 759

Delta R.T. 0.000 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156824BS

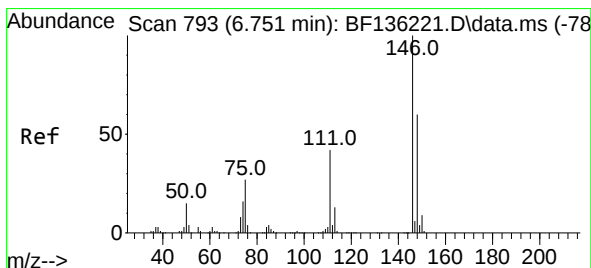
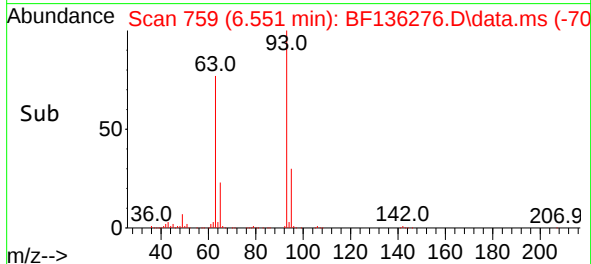
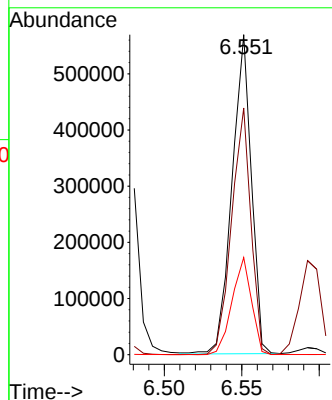
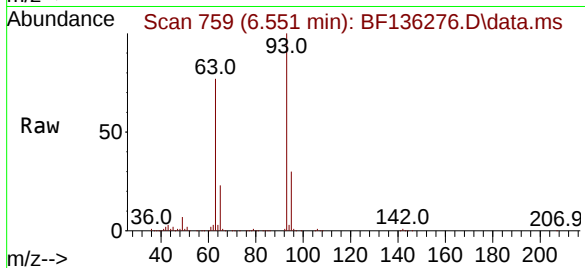
Tgt Ion: 93 Resp: 492933

Ion Ratio Lower Upper

93 100

63 77.1 60.2 100.2

95 30.4 9.1 49.1



#12

1,3-Dichlorobenzene

Concen: 42.836 ng

RT: 6.751 min Scan# 793

Delta R.T. 0.000 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

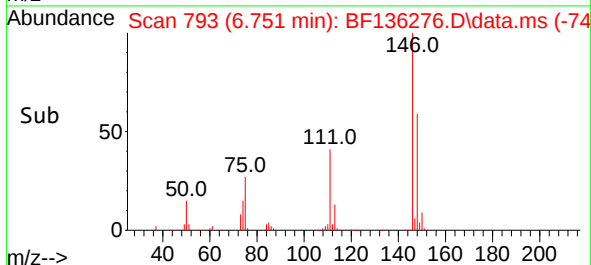
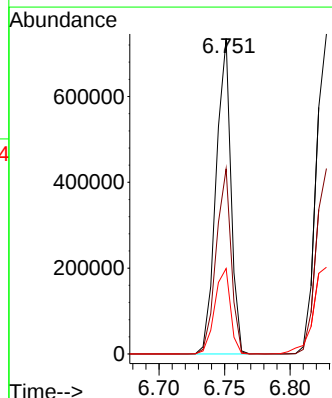
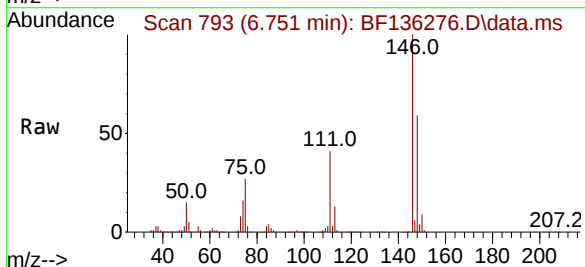
Tgt Ion:146 Resp: 577759

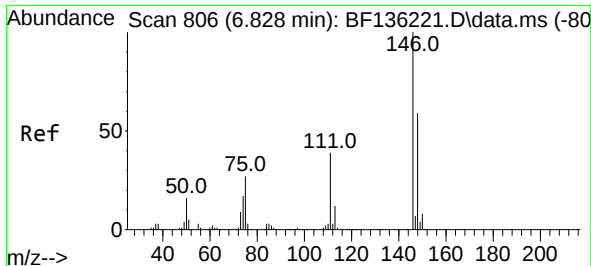
Ion Ratio Lower Upper

146 100

148 58.7 47.8 71.6

75 27.1 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 43.276 ng

RT: 6.828 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156824BS

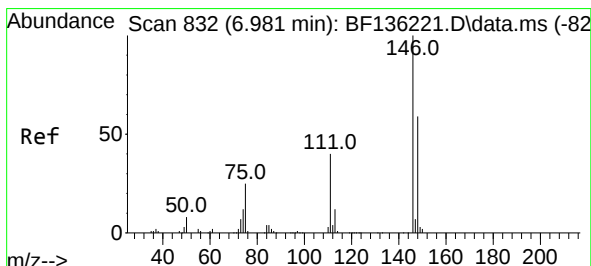
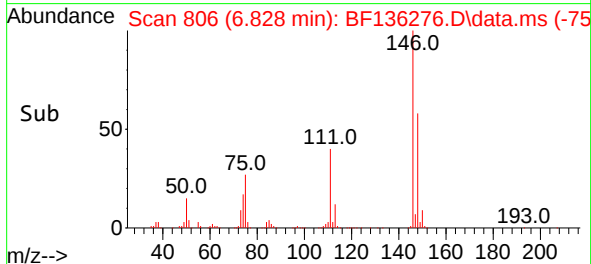
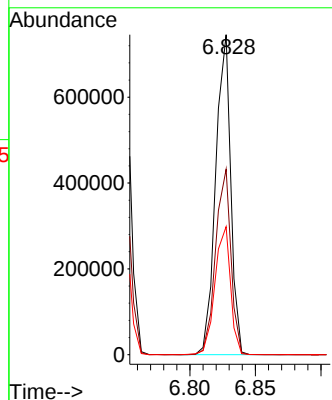
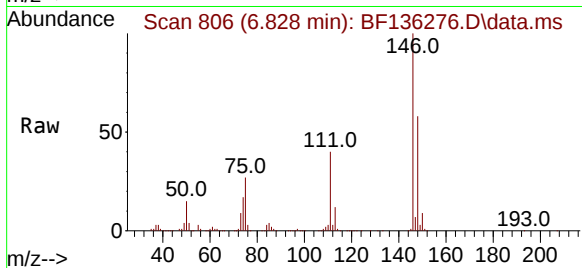
Tgt Ion:146 Resp: 593380

Ion Ratio Lower Upper

146 100

148 57.9 47.0 70.6

111 40.0 31.5 47.3



#14

1,2-Dichlorobenzene

Concen: 42.982 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

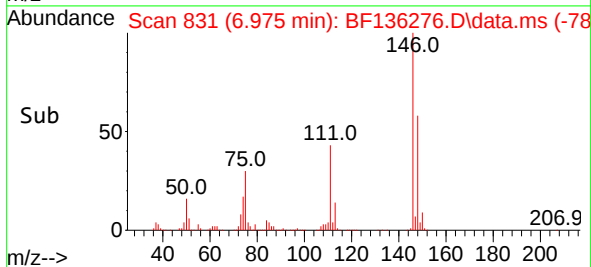
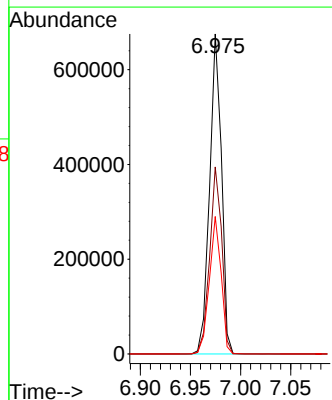
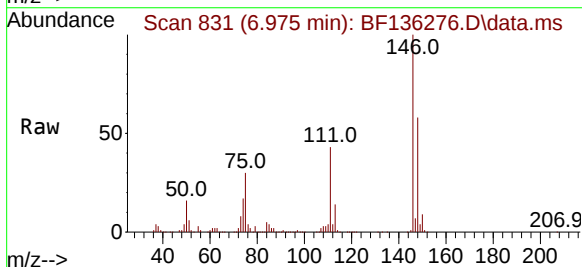
Tgt Ion:146 Resp: 557931

Ion Ratio Lower Upper

146 100

148 58.5 47.3 70.9

111 42.9 32.4 48.6

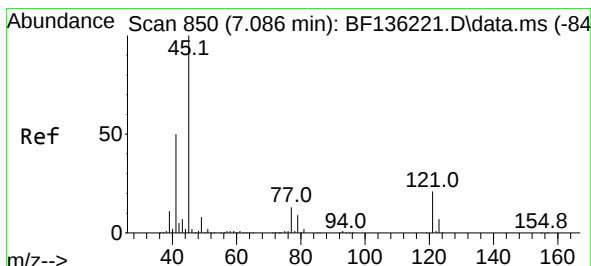
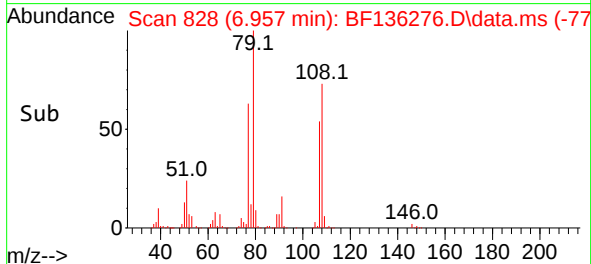
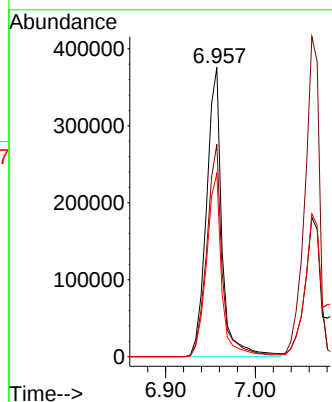
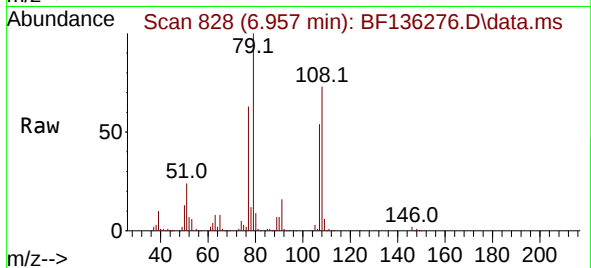




#15
Benzyl Alcohol
Concen: 46.762 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

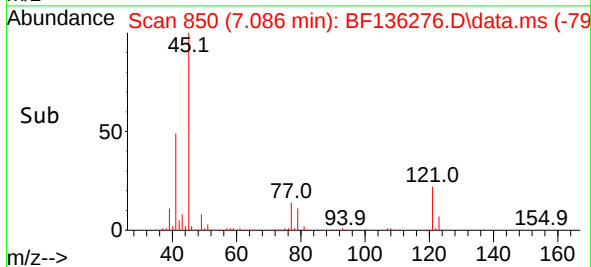
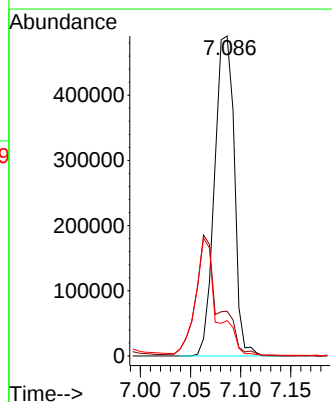
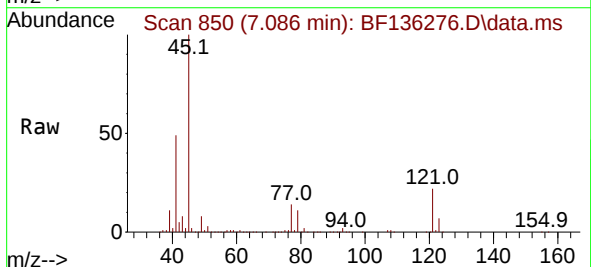
Instrument :
BNA_F
ClientSampleId :
PB156824BS

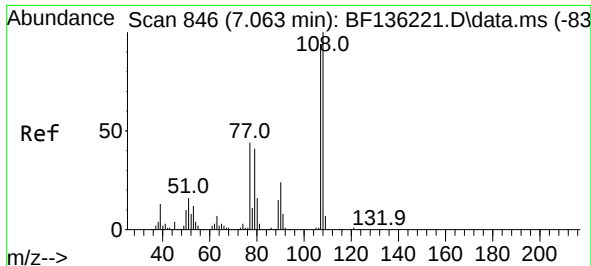
Tgt Ion: 79 Resp: 447469
Ion Ratio Lower Upper
79 100
108 73.4 58.1 87.1
77 63.4 51.8 77.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.953 ng
RT: 7.086 min Scan# 850
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Tgt Ion: 45 Resp: 670709
Ion Ratio Lower Upper
45 100
77 14.0 0.0 34.0
79 11.0 0.0 30.1

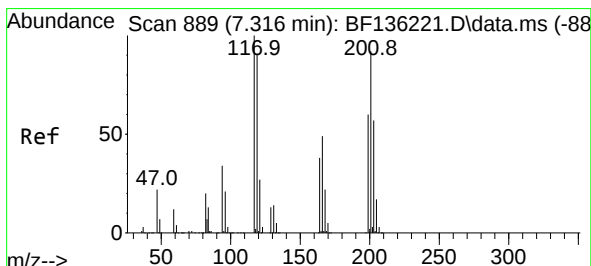
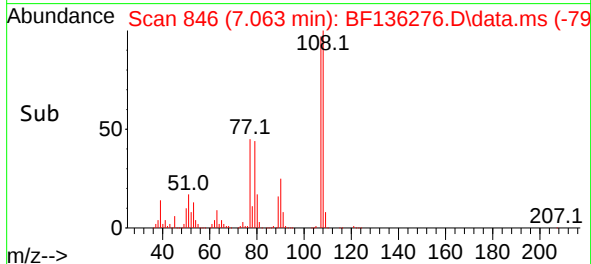
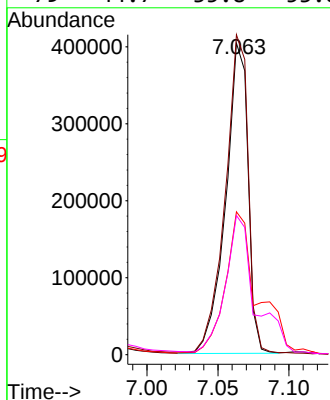
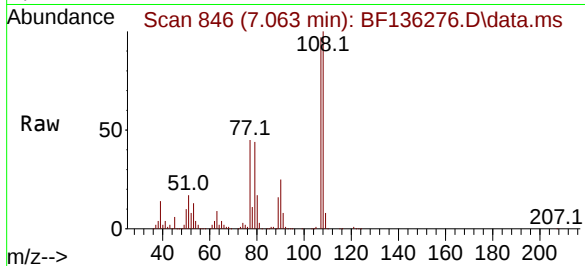




#17
2-Methylphenol
Concen: 47.018 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

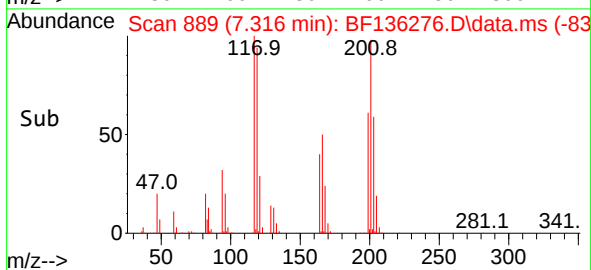
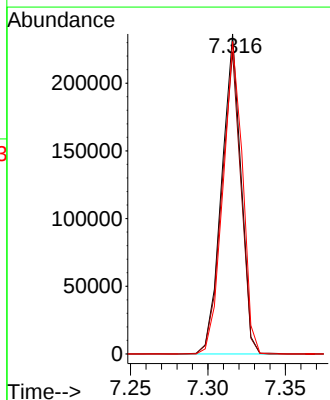
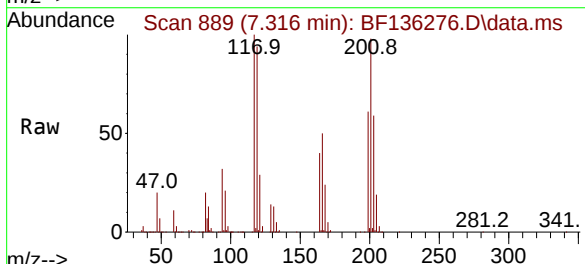
Instrument :
BNA_F
ClientSampleId :
PB156824BS

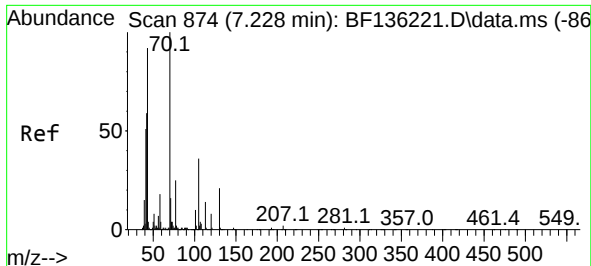
Tgt Ion:107 Resp: 439325
Ion Ratio Lower Upper
107 100
108 102.7 85.4 128.0
77 45.8 37.4 56.2
79 44.7 35.8 53.8



#18
Hexachloroethane
Concen: 42.297 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Tgt Ion:117 Resp: 203424
Ion Ratio Lower Upper
117 100
119 94.4 71.6 107.4
201 97.6 73.4 110.2





#19

n-Nitroso-di-n-propylamine

Concen: 45.071 ng

RT: 7.228 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156824BS

Tgt Ion: 70 Resp: 367903

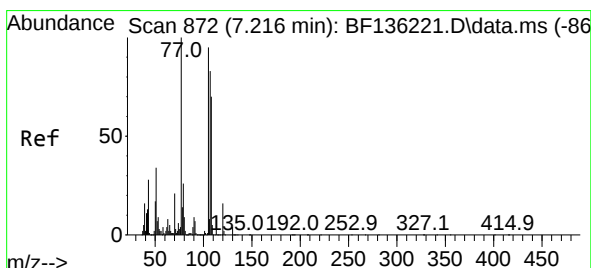
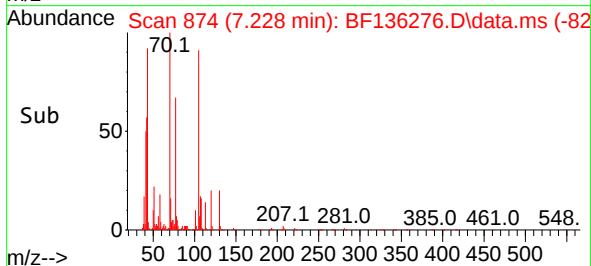
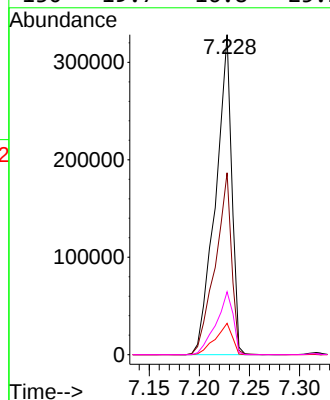
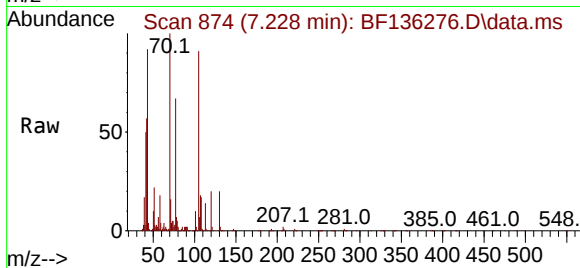
Ion Ratio Lower Upper

70 100

42 56.8 47.0 70.4

101 9.8 7.8 11.8

130 19.7 16.8 25.2



#20

3+4-Methylphenols

Concen: 45.389 ng

RT: 7.216 min Scan# 872

Delta R.T. 0.000 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

Tgt Ion: 107 Resp: 551183

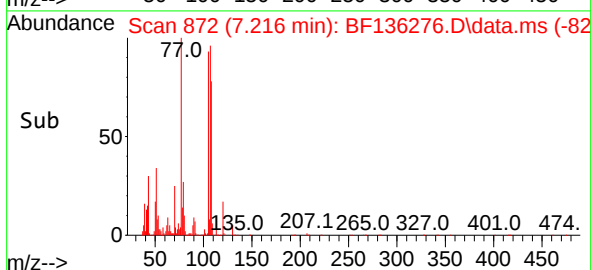
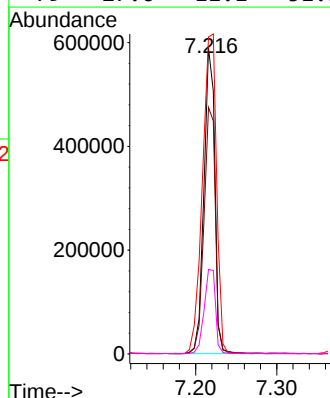
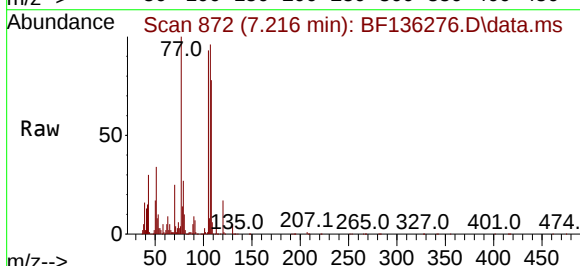
Ion Ratio Lower Upper

107 100

108 80.7 63.9 103.9

77 103.7 100.2 140.2

79 27.6 11.1 51.1

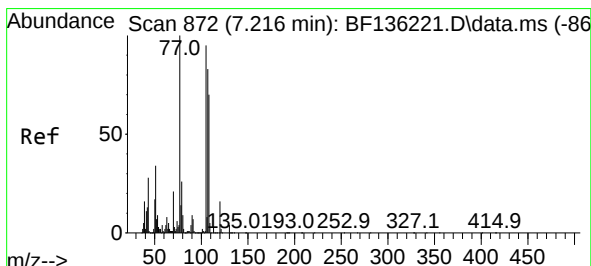
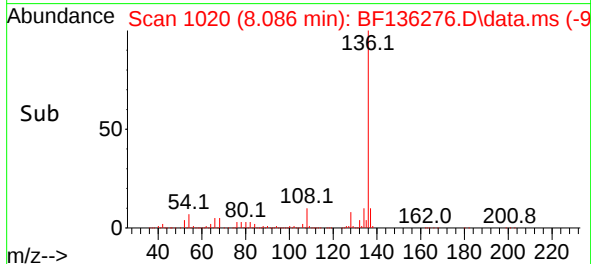
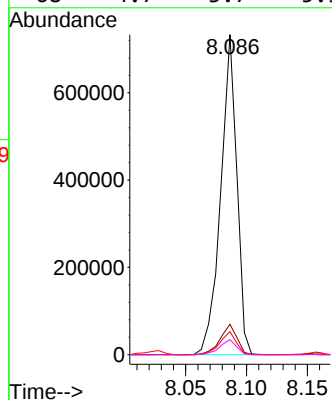
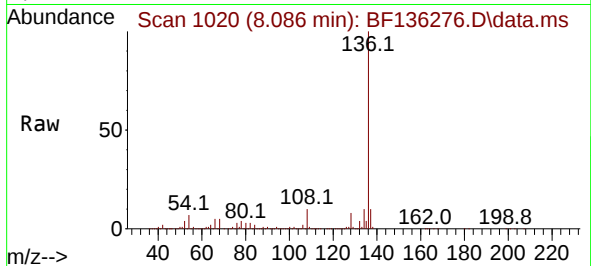




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

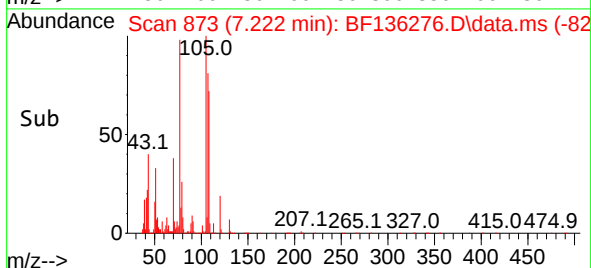
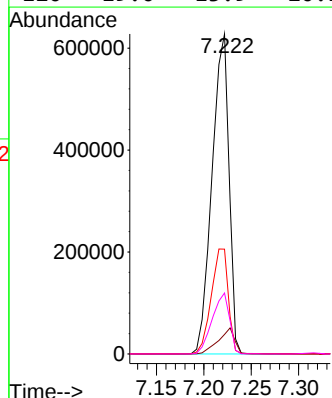
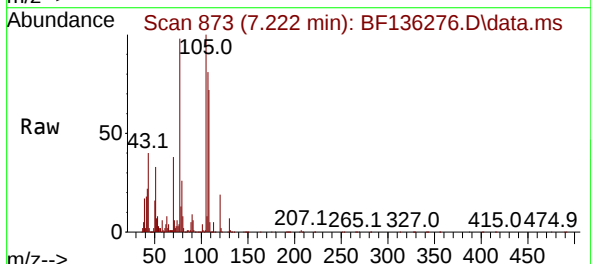
Instrument :
BNA_F
ClientSampleId :
PB156824BS

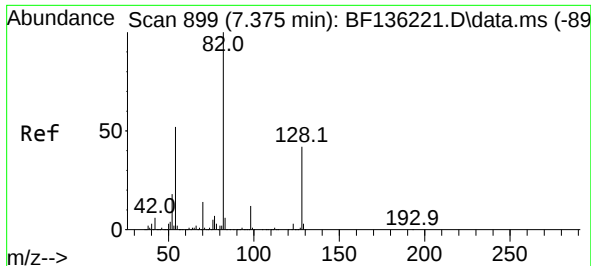
Tgt Ion:136 Resp: 677109
Ion Ratio Lower Upper
136 100
137 9.5 7.4 11.2
54 7.2 5.5 8.3
68 4.7 3.7 5.5



#22
Acetophenone
Concen: 43.865 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Tgt Ion:105 Resp: 780058
Ion Ratio Lower Upper
105 100
71 6.1 2.8 4.2#
51 32.8 29.0 43.6
120 19.0 13.9 20.9





#23

Nitrobenzene-d5

Concen: 84.974 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

Instrument :

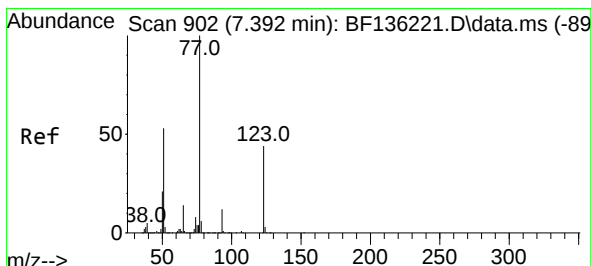
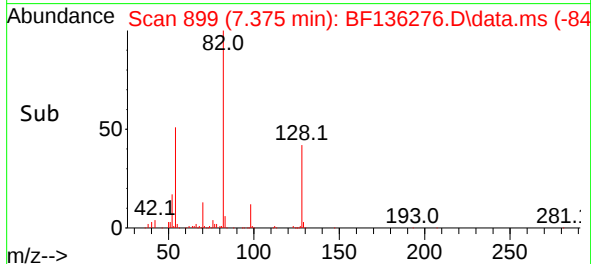
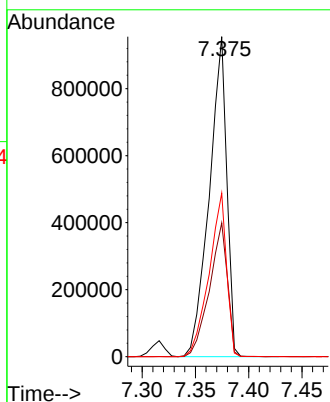
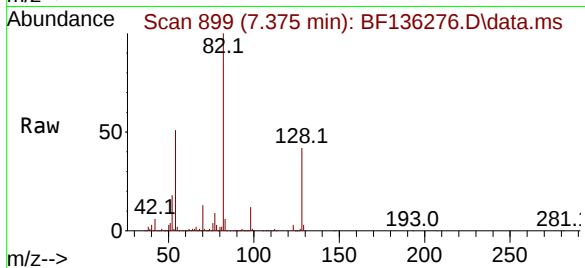
BNA_F

ClientSampleId :

PB156824BS

Tgt Ion: 82 Resp: 1088822

Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.4	50.2
54	51.1	41.7	62.5



#24

Nitrobenzene

Concen: 41.659 ng

RT: 7.392 min Scan# 902

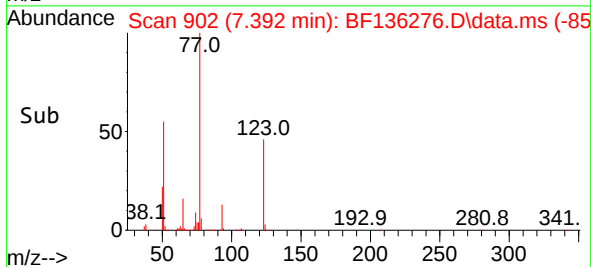
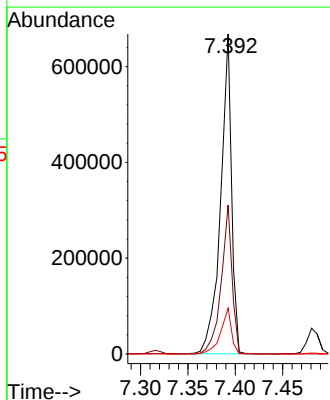
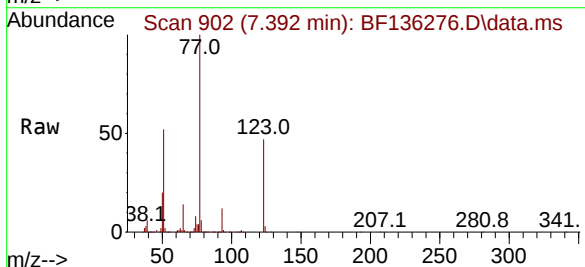
Delta R.T. 0.000 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

Tgt Ion: 77 Resp: 540946

Ion	Ratio	Lower	Upper
77	100		
123	46.5	35.4	53.2
65	14.3	11.0	16.6

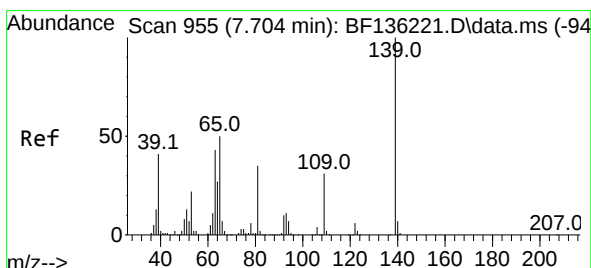
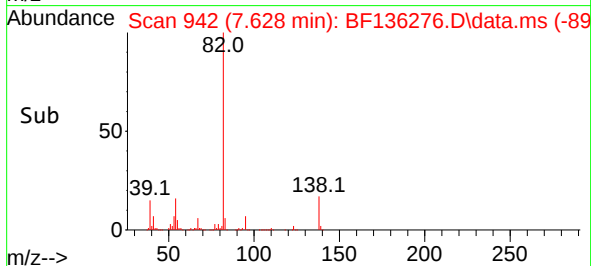
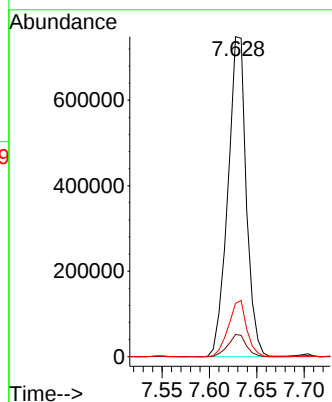
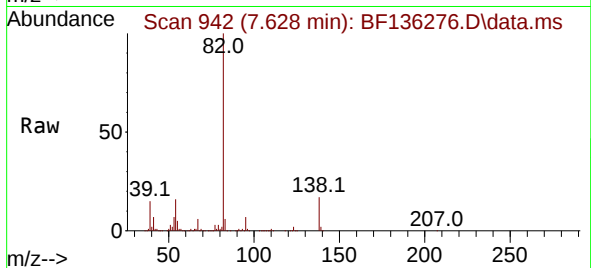




#25
Isophorone
Concen: 43.871 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

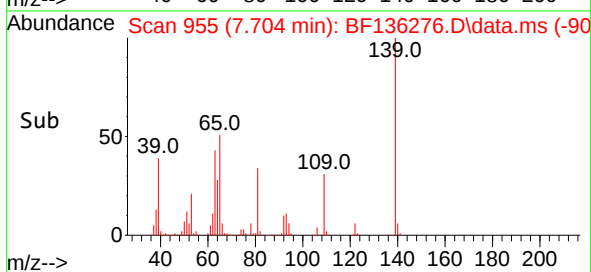
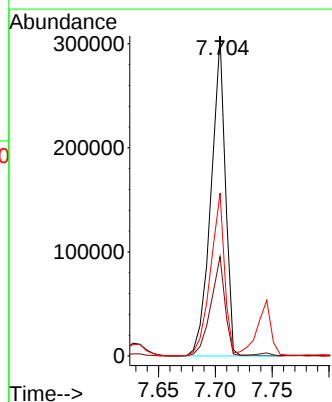
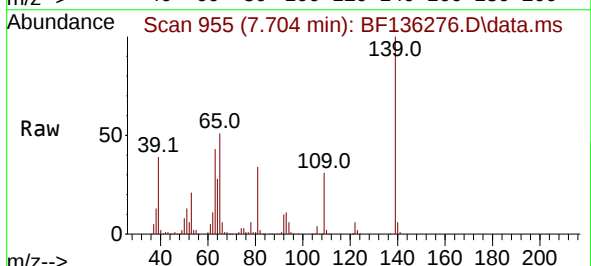
Instrument :
BNA_F
ClientSampleId :
PB156824BS

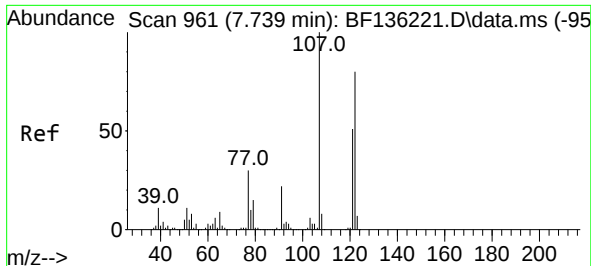
Tgt Ion: 82 Resp: 1013620
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 16.7 12.8 19.2



#26
2-Nitrophenol
Concen: 48.848 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Tgt Ion:139 Resp: 270254
Ion Ratio Lower Upper
139 100
109 31.0 25.0 37.6
65 50.9 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 63.185 ng

RT: 7.745 min Scan# 961

Delta R.T. 0.006 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156824BS

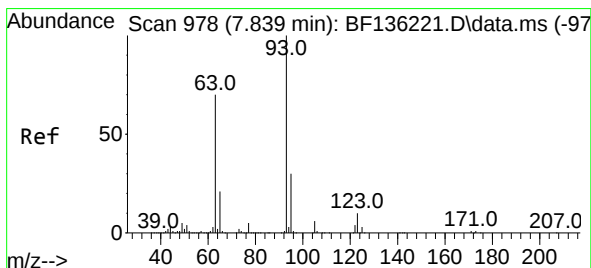
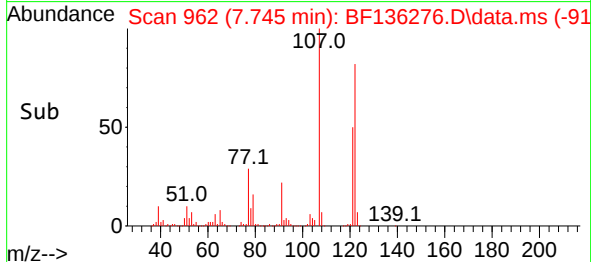
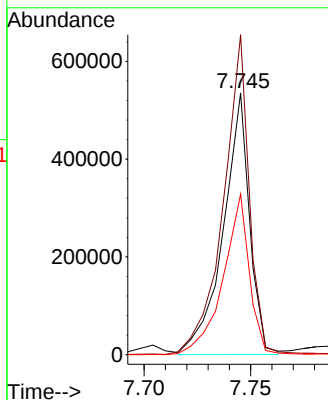
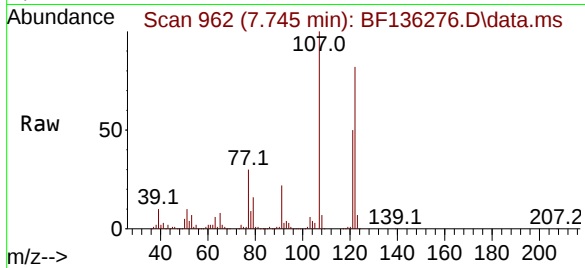
Tgt Ion:122 Resp: 460121

Ion Ratio Lower Upper

122 100

107 122.2 100.0 150.0

121 61.3 50.7 76.1



#28

bis(2-Chloroethoxy)methane

Concen: 44.634 ng

RT: 7.839 min Scan# 978

Delta R.T. 0.000 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

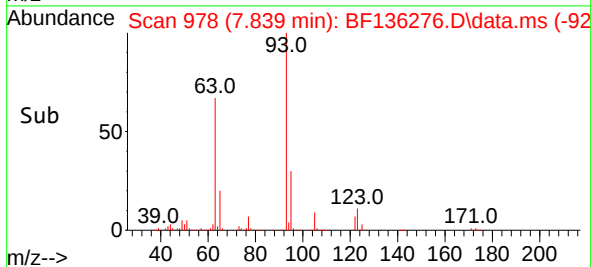
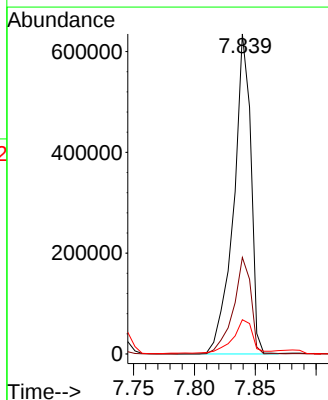
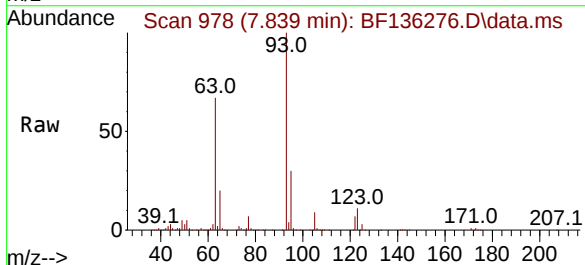
Tgt Ion: 93 Resp: 623786

Ion Ratio Lower Upper

93 100

95 30.2 23.8 35.6

123 10.7 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 46.526 ng

RT: 7.945 min Scan# 996

Delta R.T. 0.000 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156824BS

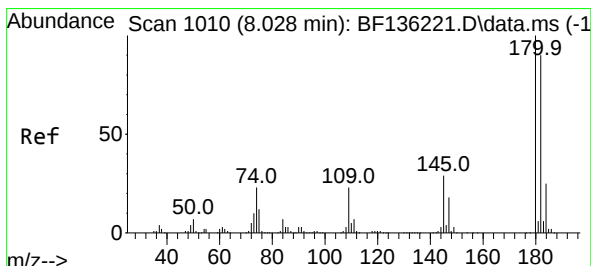
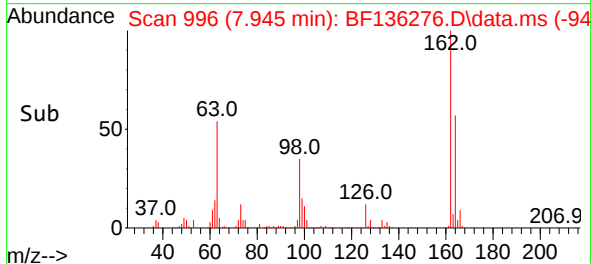
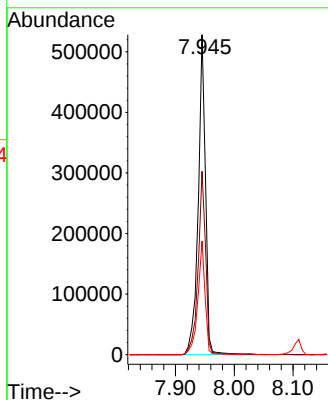
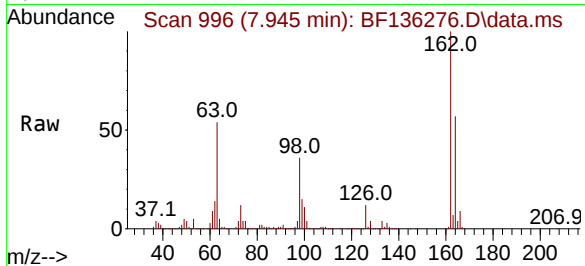
Tgt Ion:162 Resp: 456988

Ion Ratio Lower Upper

162 100

164 57.3 40.3 80.3

98 35.5 13.0 53.0



#30

1,2,4-Trichlorobenzene

Concen: 42.190 ng

RT: 8.028 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

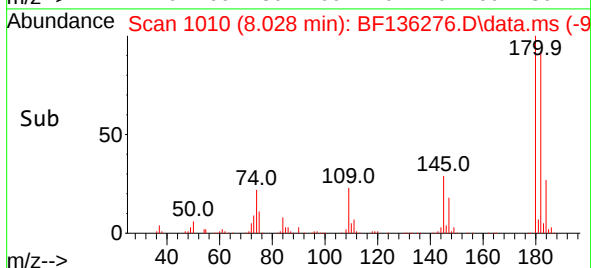
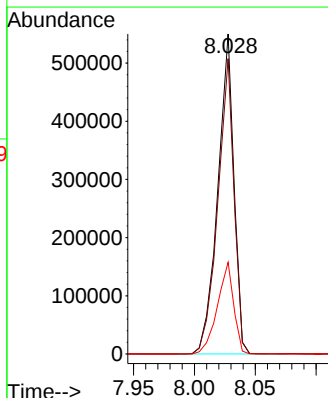
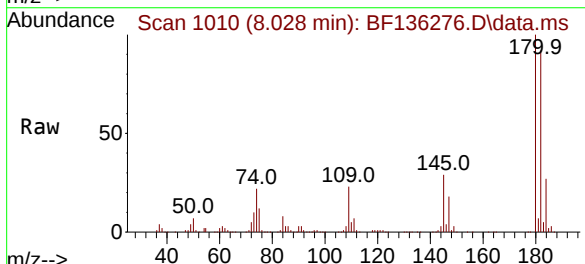
Tgt Ion:180 Resp: 507355

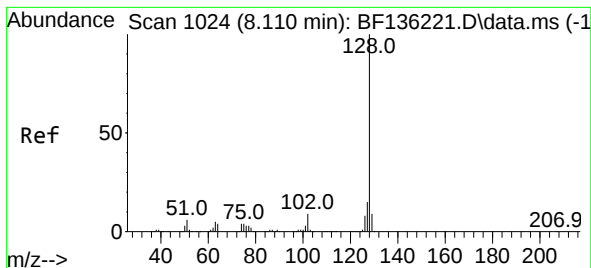
Ion Ratio Lower Upper

180 100

182 92.3 71.6 107.4

145 28.6 23.0 34.4





#31

Naphthalene

Concen: 43.524 ng

RT: 8.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156824BS

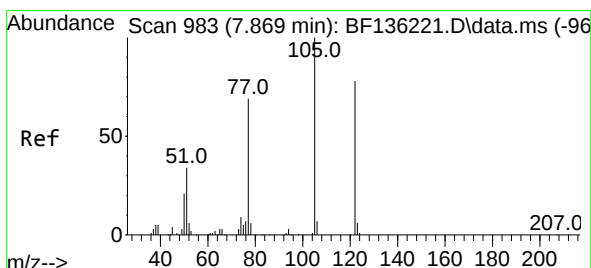
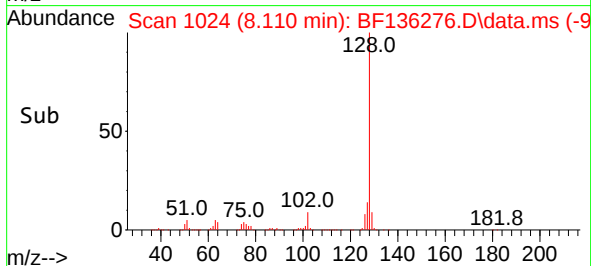
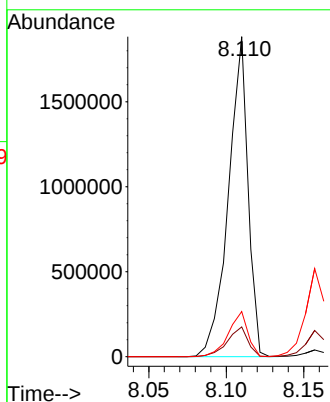
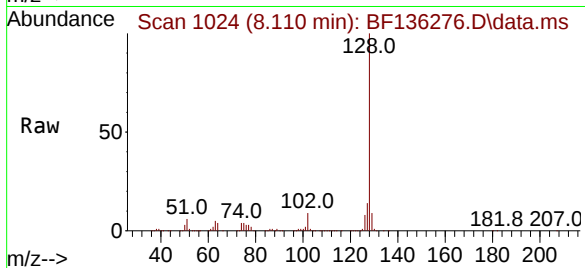
Tgt Ion:128 Resp: 1656472

Ion Ratio Lower Upper

128 100

129 9.3 7.3 10.9

127 14.1 11.8 17.6



#32

Benzoic acid

Concen: 51.876 ng

RT: 7.886 min Scan# 986

Delta R.T. 0.018 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

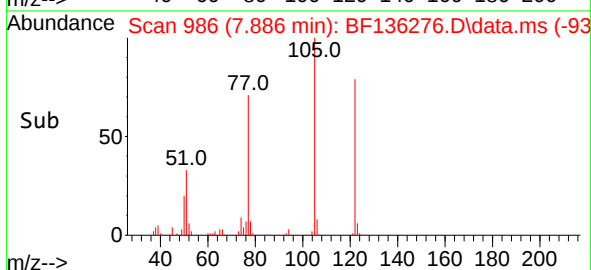
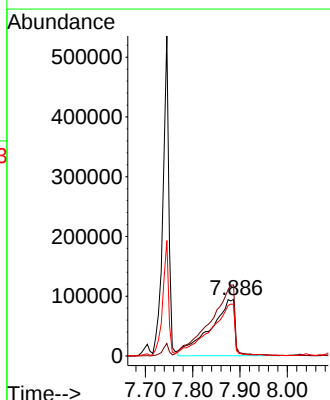
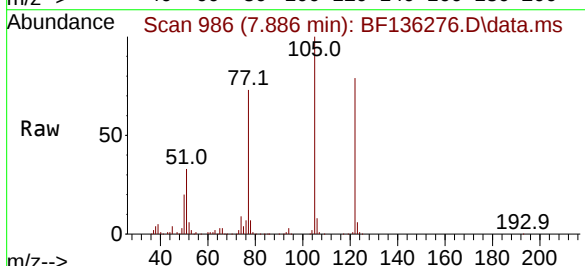
Tgt Ion:122 Resp: 344284

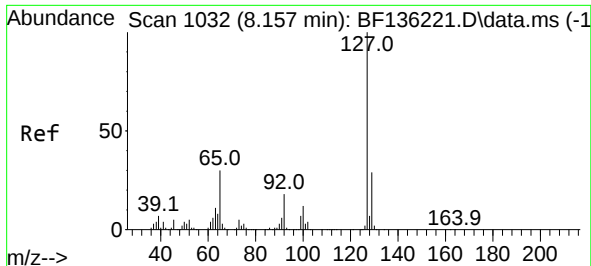
Ion Ratio Lower Upper

122 100

105 125.8 103.7 143.7

77 91.3 66.8 106.8

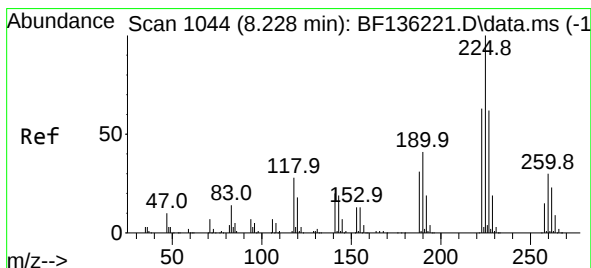
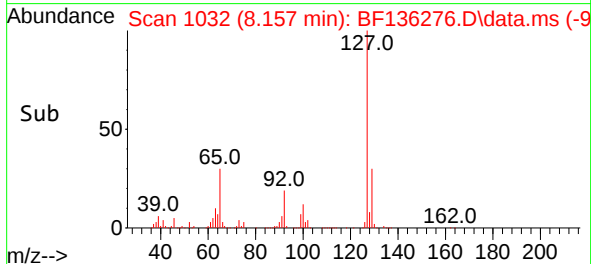
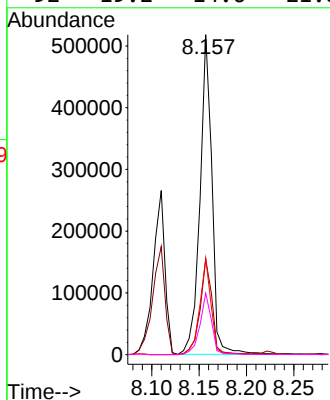
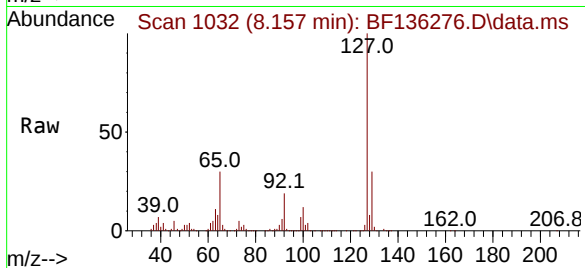




#33
4-Chloroaniline
Concen: 35.175 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

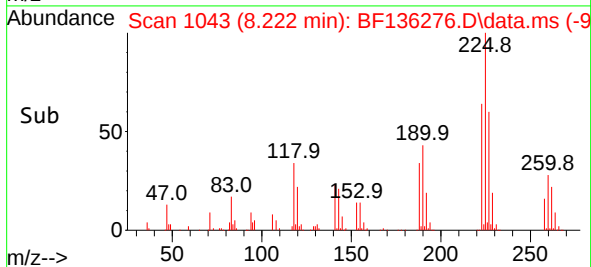
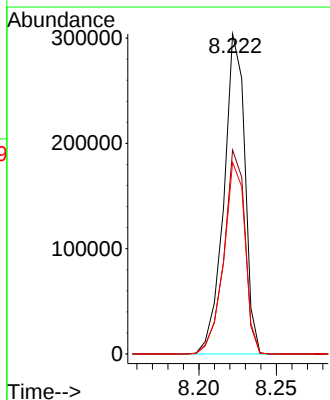
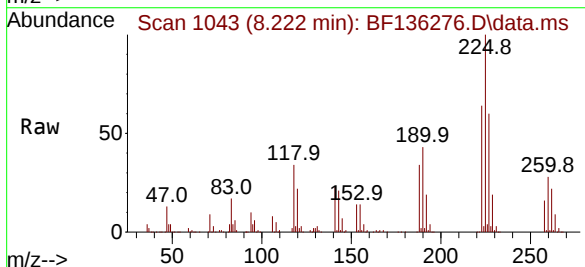
Instrument :
BNA_F
ClientSampleId :
PB156824BS

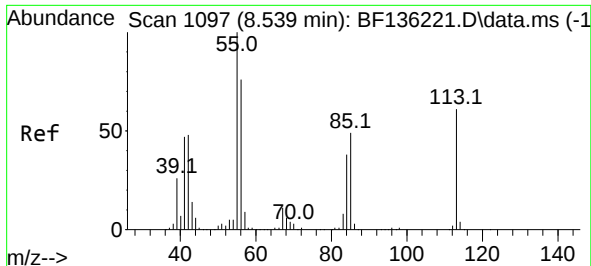
Tgt Ion:	127	Resp:	455048
Ion	Ratio	Lower	Upper
127	100		
129	29.7	23.4	35.2
65	30.2	23.8	35.6
92	19.2	14.6	21.8



#34
Hexachlorobutadiene
Concen: 40.625 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Tgt Ion:	225	Resp:	285813
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	75.8
227	59.9	49.6	74.4

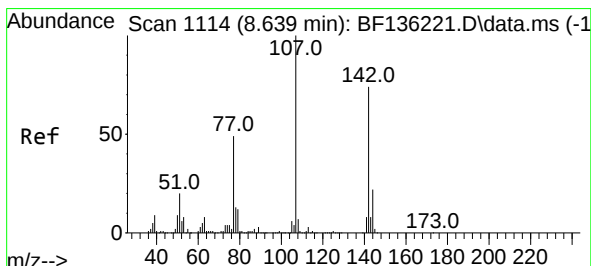
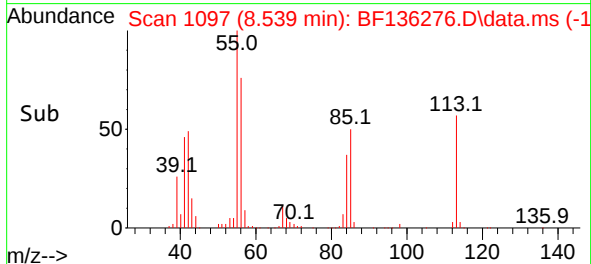
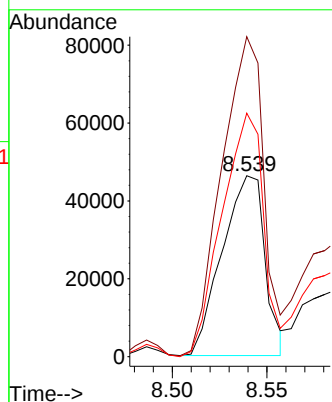
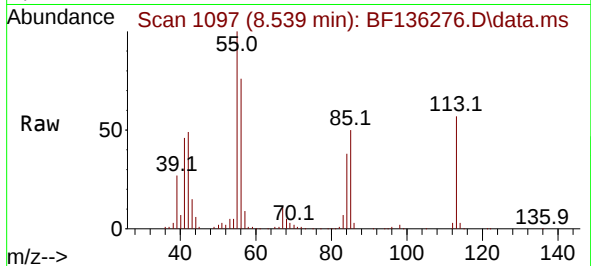




#35
 Caprolactam
 Concen: 26.448 ng
 RT: 8.539 min Scan# 1097
 Delta R.T. 0.000 min
 Lab File: BF136276.D
 Acq: 29 Nov 2023 11:14

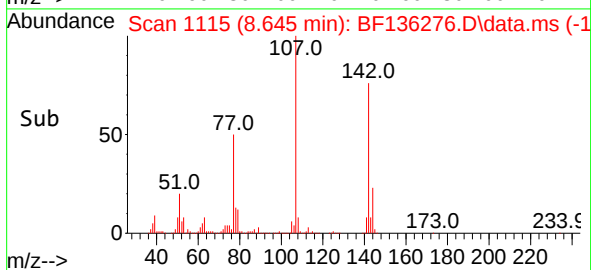
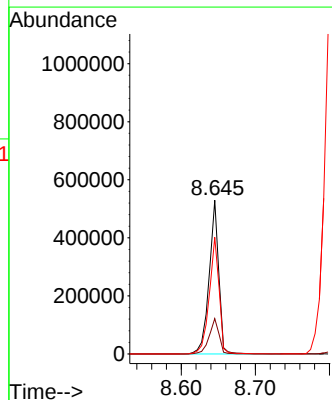
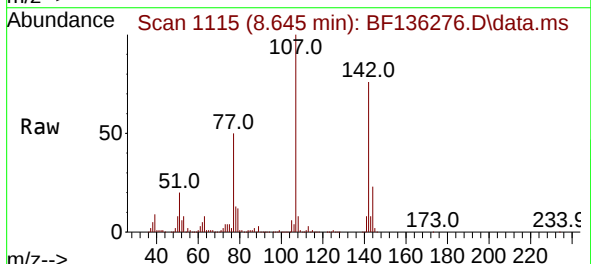
Instrument :
 BNA_F
 ClientSampleId :
 PB156824BS

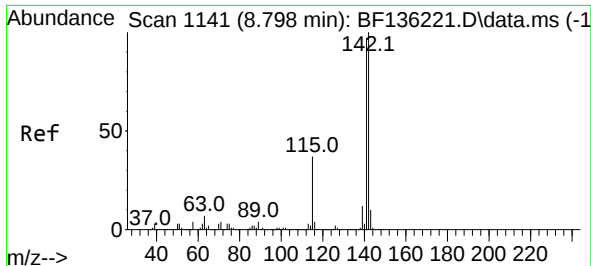
Tgt Ion:113 Resp: 72620
 Ion Ratio Lower Upper
 113 100
 55 176.9 143.1 183.1
 56 134.6 103.6 143.6



#36
 4-Chloro-3-methylphenol
 Concen: 45.129 ng
 RT: 8.645 min Scan# 1115
 Delta R.T. 0.006 min
 Lab File: BF136276.D
 Acq: 29 Nov 2023 11:14

Tgt Ion:107 Resp: 480756
 Ion Ratio Lower Upper
 107 100
 144 23.0 17.8 26.8
 142 75.9 59.4 89.0





#37

2-Methylnaphthalene

Concen: 43.756 ng

RT: 8.798 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

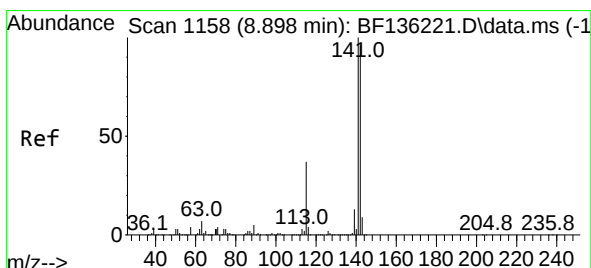
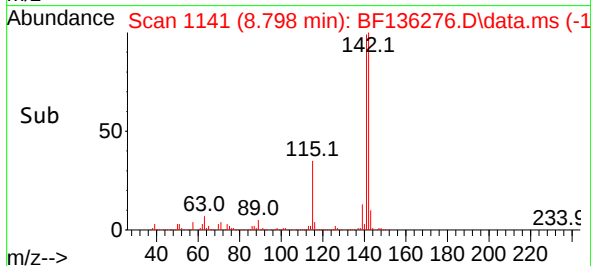
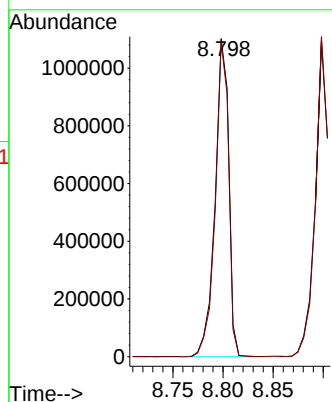
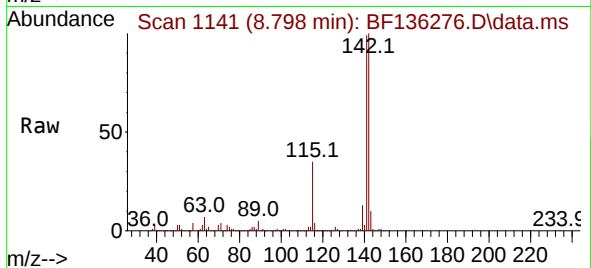
PB156824BS

Tgt Ion:142 Resp: 1044631

Ion Ratio Lower Upper

142 100

141 98.8 77.8 116.8



#38

1-Methylnaphthalene

Concen: 41.568 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF136276.D

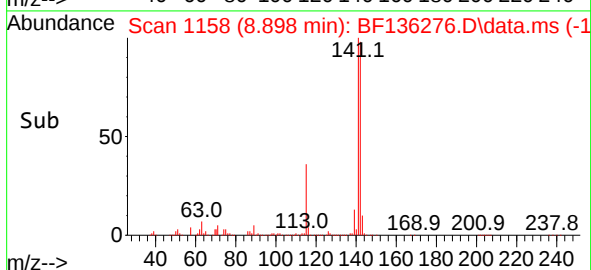
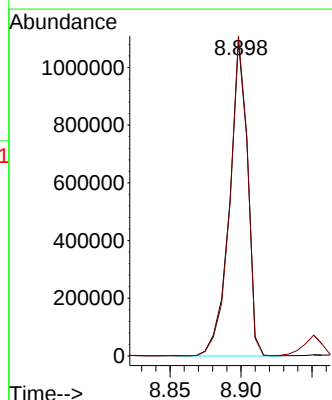
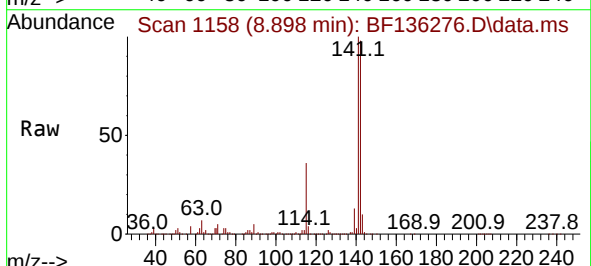
Acq: 29 Nov 2023 11:14

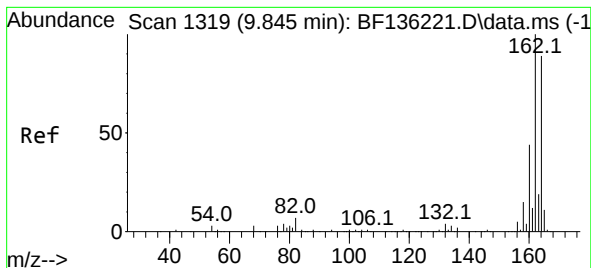
Tgt Ion:142 Resp: 968105

Ion Ratio Lower Upper

142 100

141 101.6 83.8 125.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156824BS

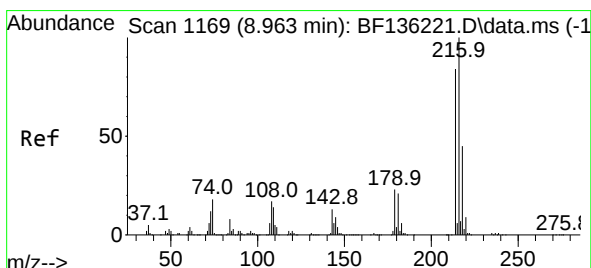
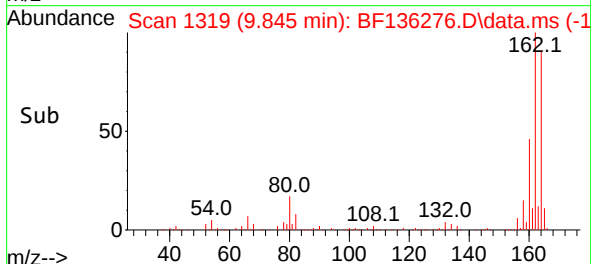
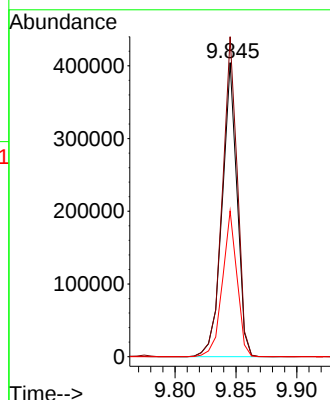
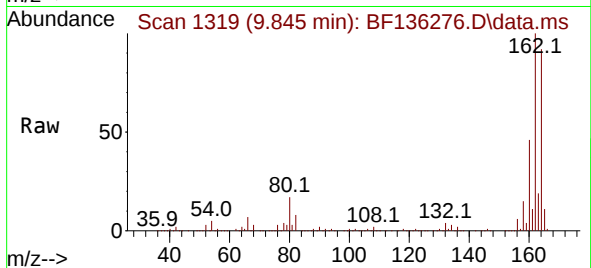
Tgt Ion:164 Resp: 345184

Ion Ratio Lower Upper

164 100

162 108.8 89.5 134.3

160 49.6 39.6 59.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.885 ng

RT: 8.969 min Scan# 1170

Delta R.T. 0.006 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

Tgt Ion:216 Resp: 493086

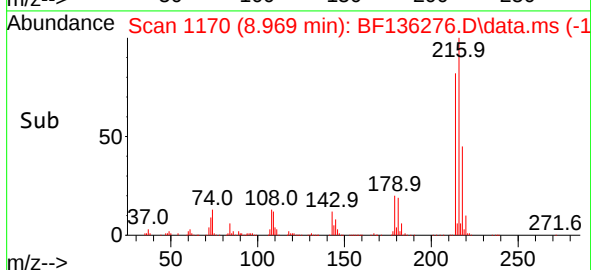
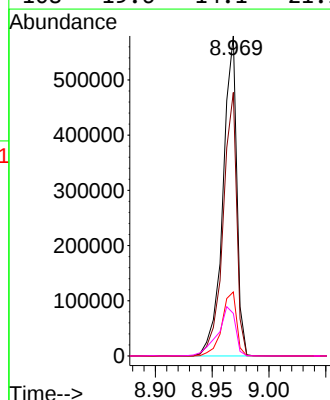
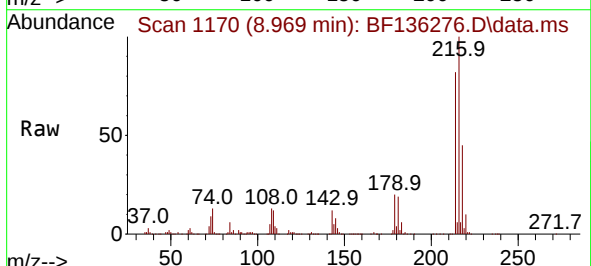
Ion Ratio Lower Upper

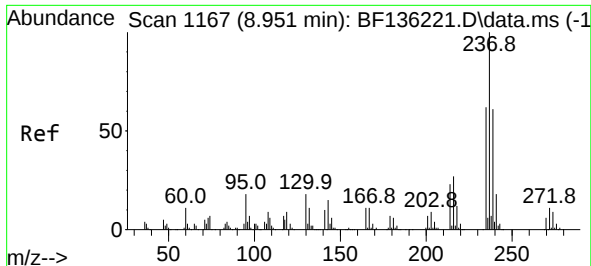
216 100

214 81.1 65.8 98.8

179 21.2 17.4 26.0

108 19.6 14.1 21.1

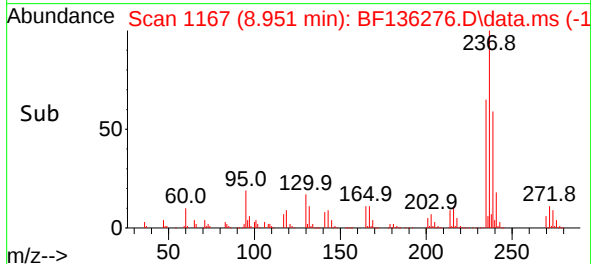
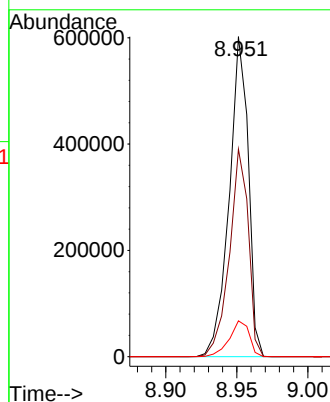
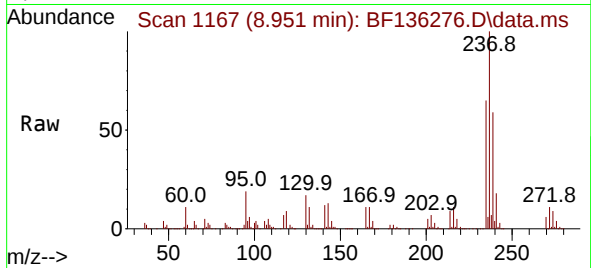




#41
Hexachlorocyclopentadiene
Concen: 133.126 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

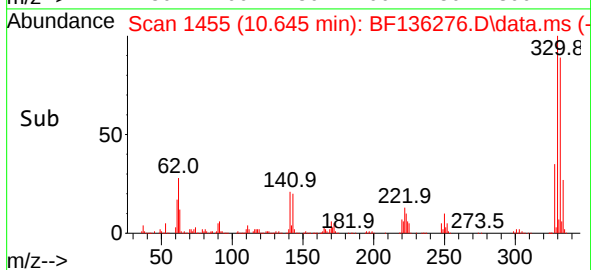
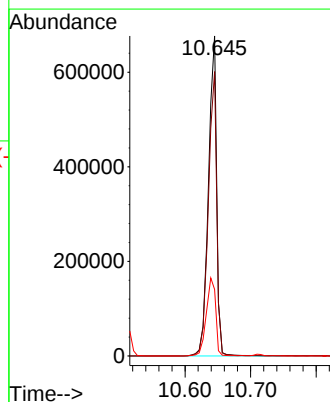
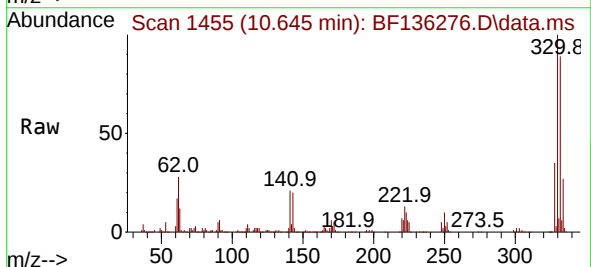
Instrument :
BNA_F
ClientSampleId :
PB156824BS

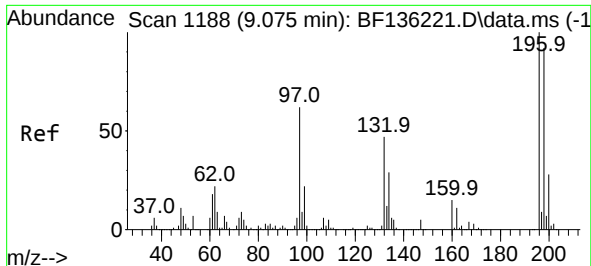
Tgt Ion:237 Resp: 562732
Ion Ratio Lower Upper
237 100
235 64.9 42.1 82.1
272 11.2 0.0 31.0



#42
2,4,6-Tribromophenol
Concen: 140.078 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Tgt Ion:330 Resp: 591153
Ion Ratio Lower Upper
330 100
332 90.9 73.0 109.6
141 27.9 24.2 36.2





#43

2,4,6-Trichlorophenol

Concen: 46.001 ng

RT: 9.080 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156824BS

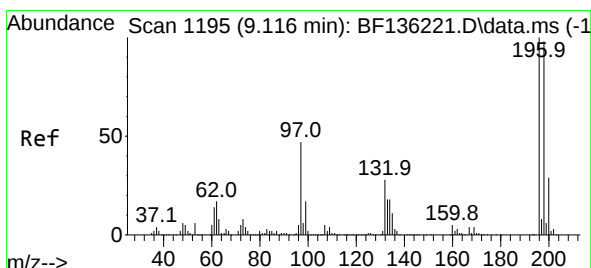
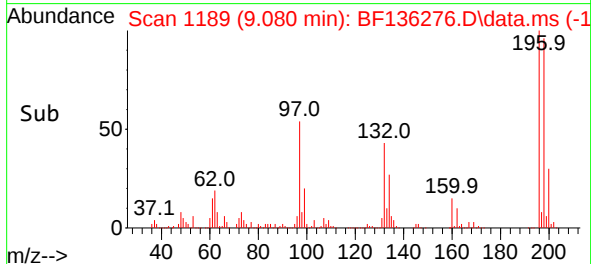
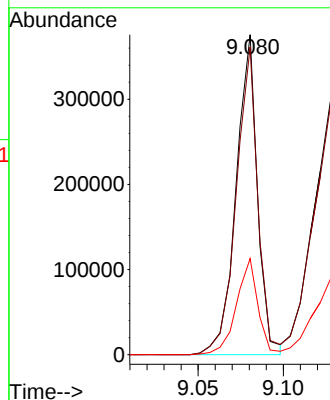
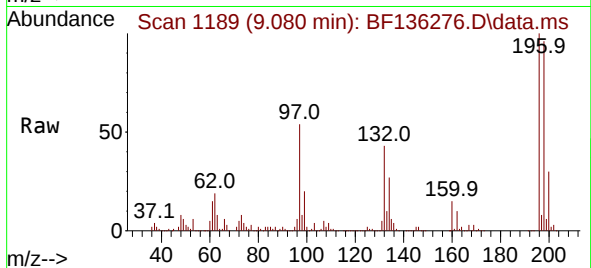
Tgt Ion:196 Resp: 328001

Ion Ratio Lower Upper

196 100

198 96.1 73.2 109.8

200 30.0 22.4 33.6



#44

2,4,5-Trichlorophenol

Concen: 44.311 ng

RT: 9.128 min Scan# 1197

Delta R.T. 0.012 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

Tgt Ion:196 Resp: 344799

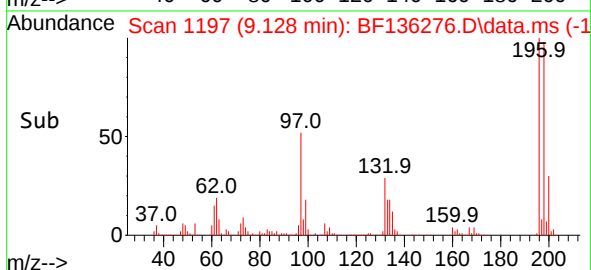
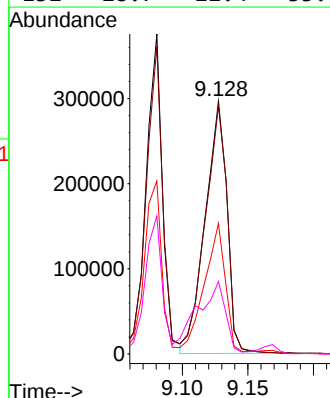
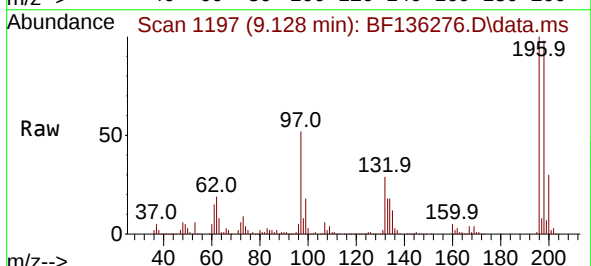
Ion Ratio Lower Upper

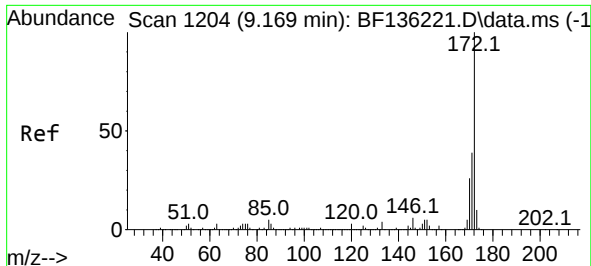
196 100

198 98.1 78.8 118.2

97 51.7 37.8 56.8

132 28.7 22.4 33.6

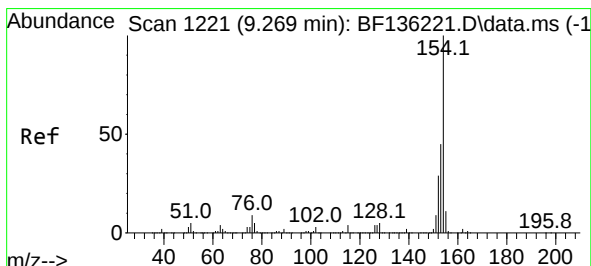
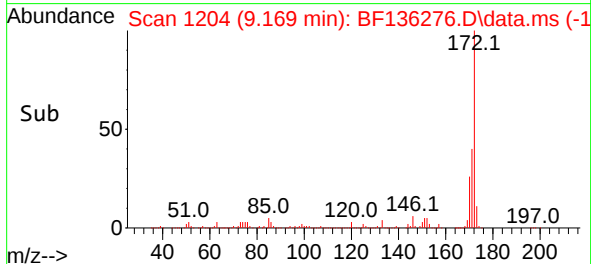
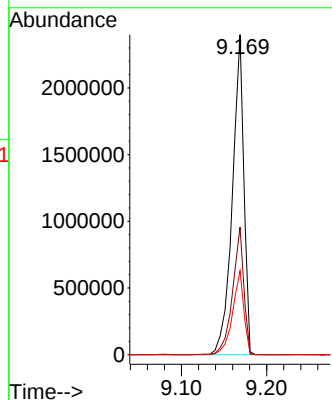
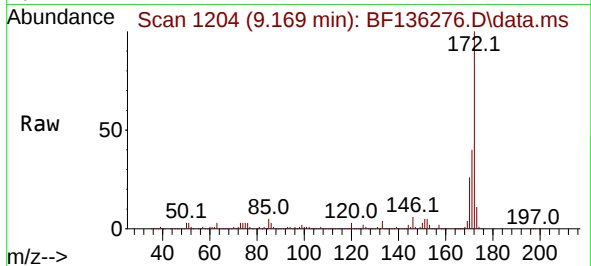




#45
2-Fluorobiphenyl
Concen: 83.377 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

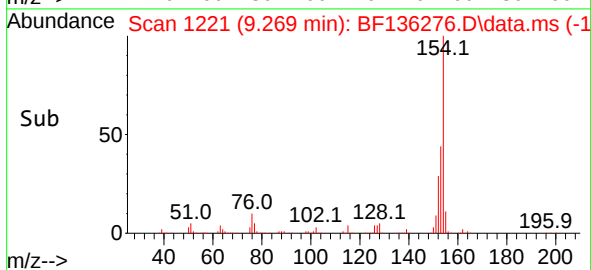
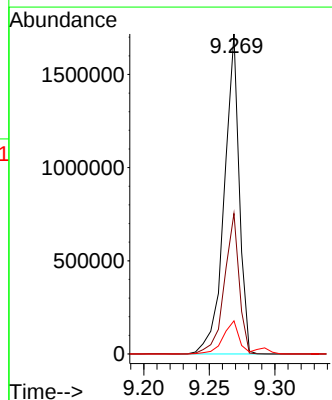
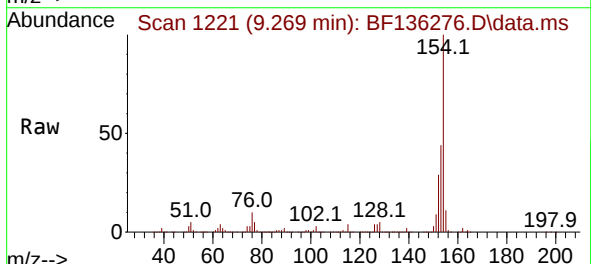
Instrument :
BNA_F
ClientSampleId :
PB156824BS

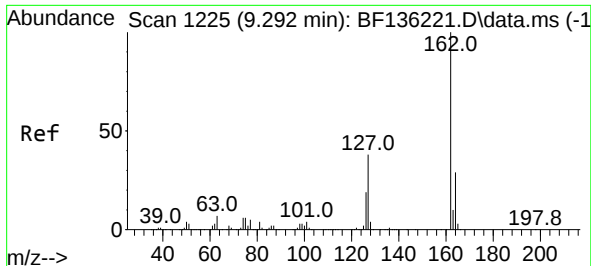
Tgt Ion:172 Resp: 2253221
Ion Ratio Lower Upper
172 100
171 39.9 31.5 47.3
170 26.2 20.8 31.2



#46
1,1'-Biphenyl
Concen: 44.626 ng
RT: 9.269 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Tgt Ion:154 Resp: 1358431
Ion Ratio Lower Upper
154 100
153 43.9 24.6 64.6
76 10.4 0.0 29.4

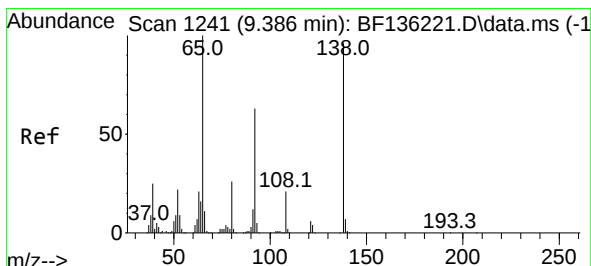
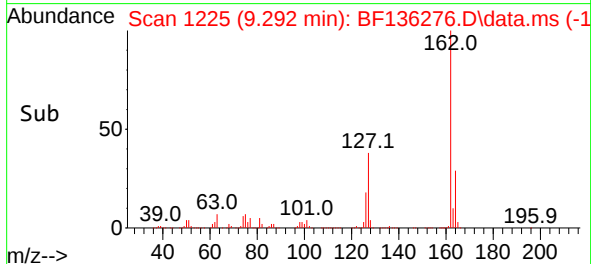
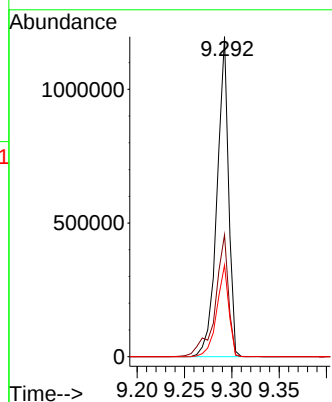
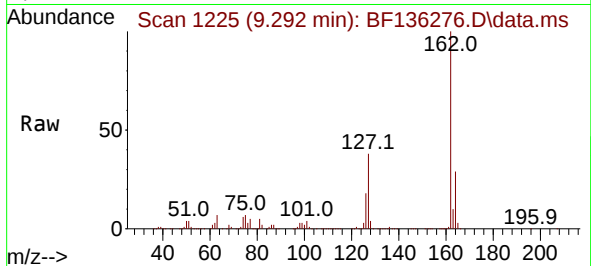




#47
2-Chloronaphthalene
Concen: 43.160 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

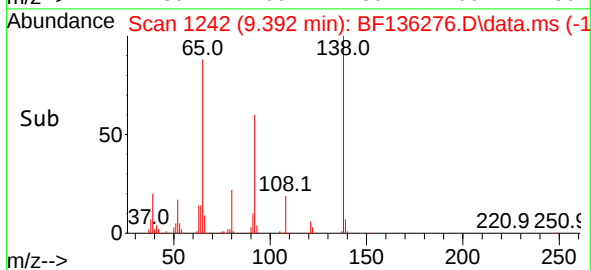
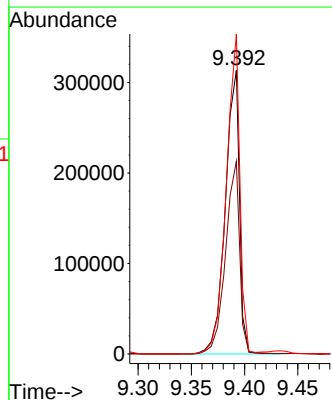
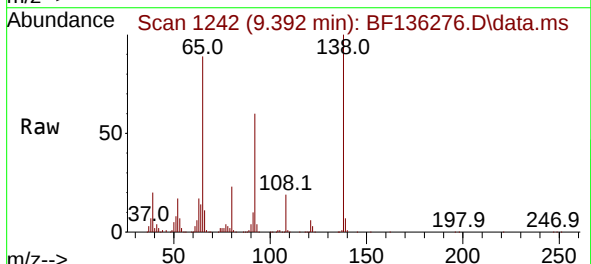
Instrument :
BNA_F
ClientSampleId :
PB156824BS

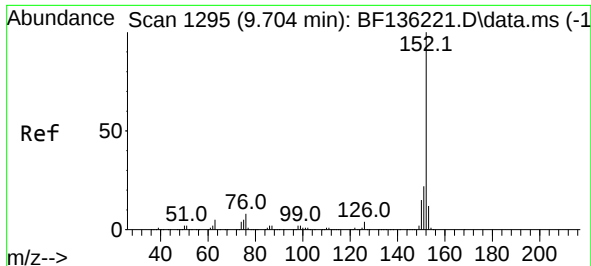
Tgt Ion:162 Resp: 1020260
Ion Ratio Lower Upper
162 100
127 38.1 30.2 45.2
164 28.6 22.8 34.2



#48
2-Nitroaniline
Concen: 46.860 ng
RT: 9.392 min Scan# 1242
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Tgt Ion: 65 Resp: 289215
Ion Ratio Lower Upper
65 100
92 67.9 50.6 75.8
138 112.8 76.7 115.1





#49

Acenaphthylene

Concen: 46.036 ng

RT: 9.710 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156824BS

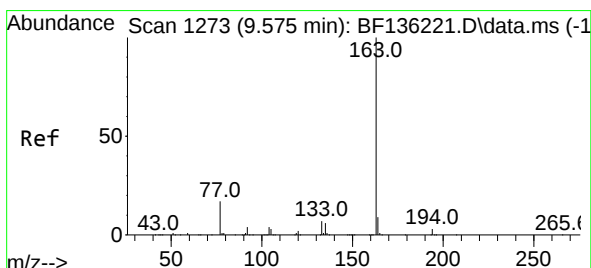
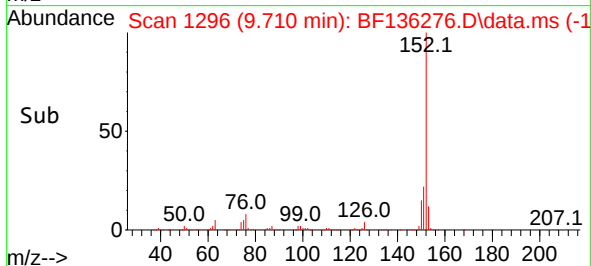
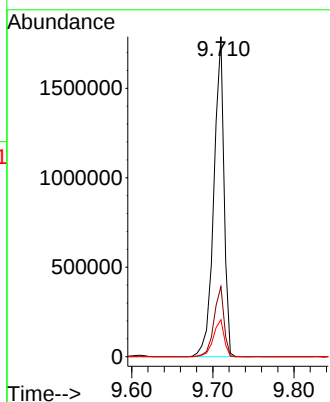
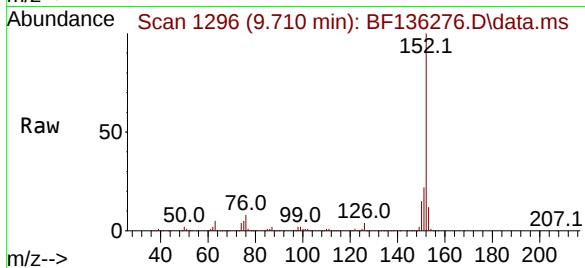
Tgt Ion:152 Resp: 1553014

Ion Ratio Lower Upper

152 100

151 21.9 17.5 26.3

153 11.5 9.6 14.4



#50

Dimethylphthalate

Concen: 46.159 ng

RT: 9.575 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

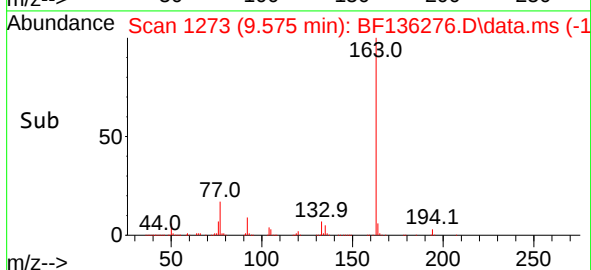
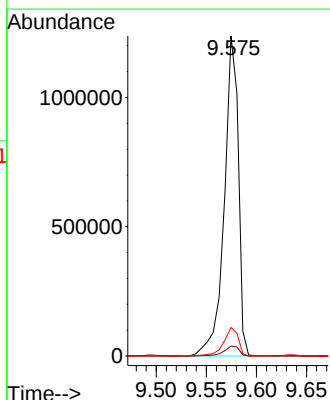
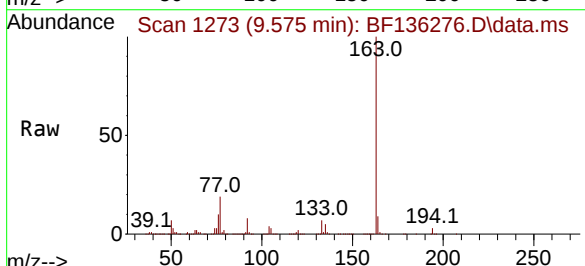
Tgt Ion:163 Resp: 1204280

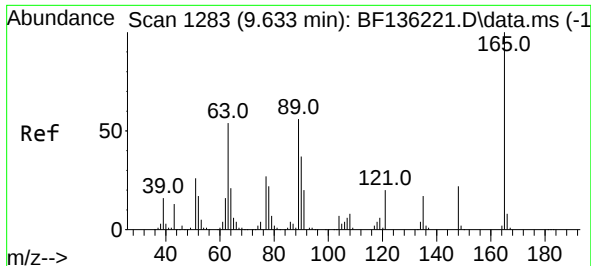
Ion Ratio Lower Upper

163 100

194 3.1 2.5 3.7

164 8.9 7.0 10.6





#51

2,6-Dinitrotoluene

Concen: 46.435 ng

RT: 9.633 min Scan# 1283

Delta R.T. 0.000 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156824BS

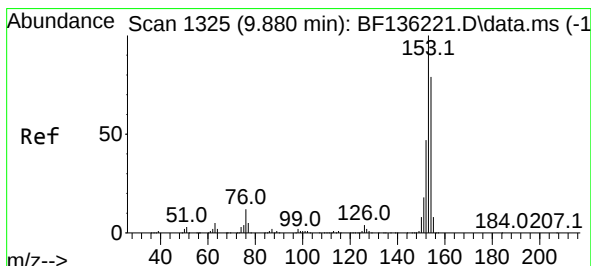
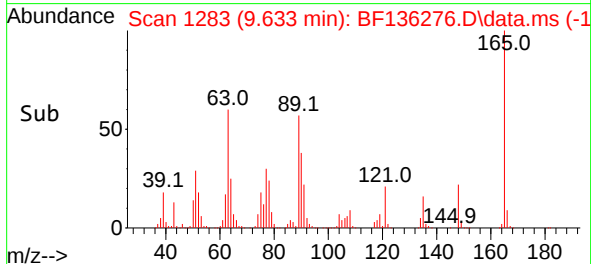
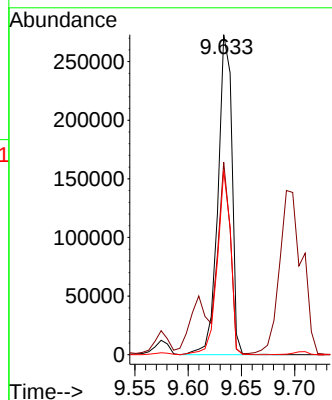
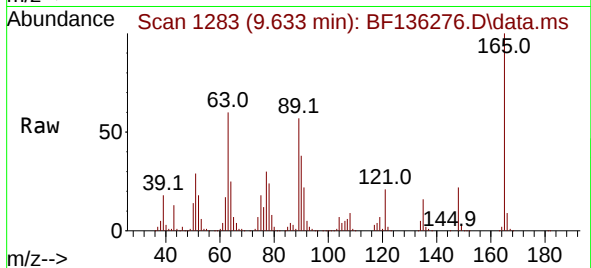
Tgt Ion:165 Resp: 247495

Ion Ratio Lower Upper

165 100

63 60.1 46.2 69.2

89 57.5 44.9 67.3



#52

Acenaphthene

Concen: 45.038 ng

RT: 9.880 min Scan# 1325

Delta R.T. 0.000 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

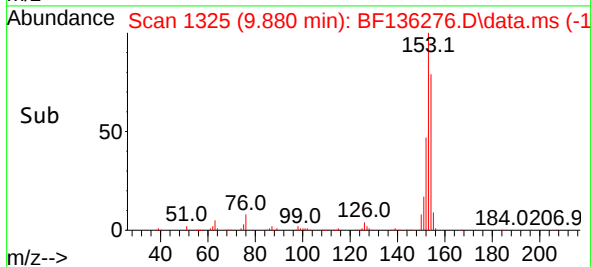
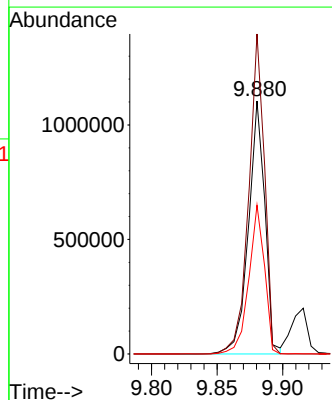
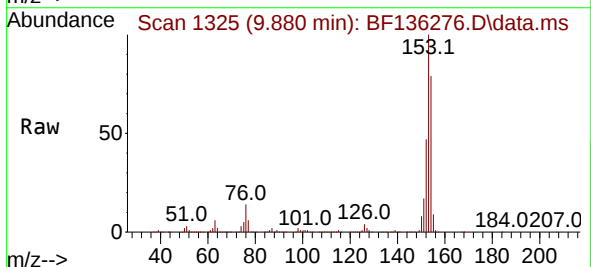
Tgt Ion:154 Resp: 960154

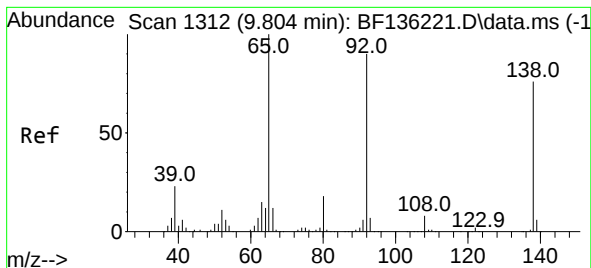
Ion Ratio Lower Upper

154 100

153 126.5 100.8 151.2

152 58.8 47.0 70.6





#53

3-Nitroaniline

Concen: 40.530 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156824BS

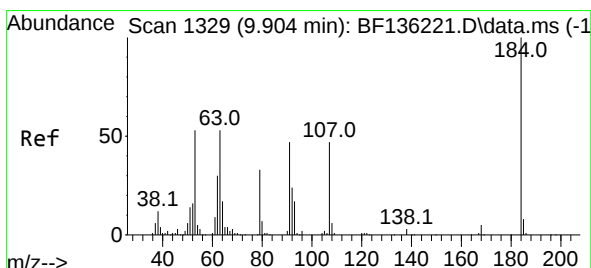
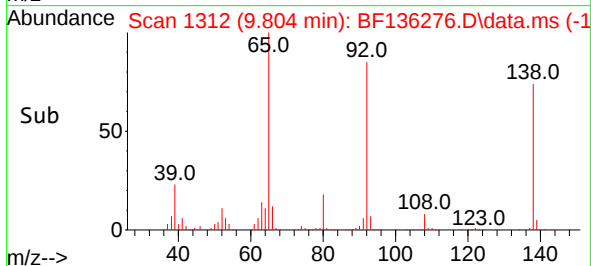
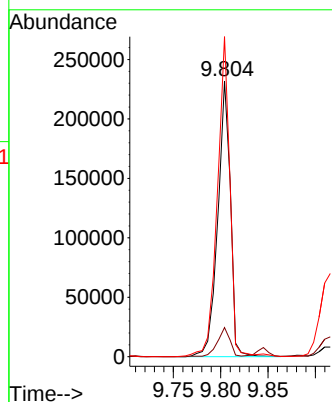
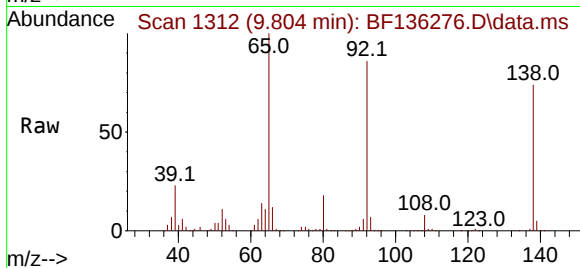
Tgt Ion:138 Resp: 214344

Ion Ratio Lower Upper

138 100

108 10.6 8.7 13.1

92 116.1 94.2 141.4



#54

2,4-Dinitrophenol

Concen: 111.152 ng

RT: 9.916 min Scan# 1331

Delta R.T. 0.012 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

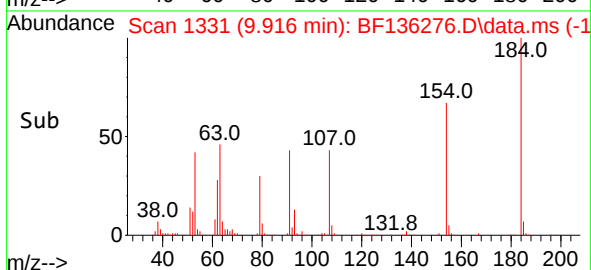
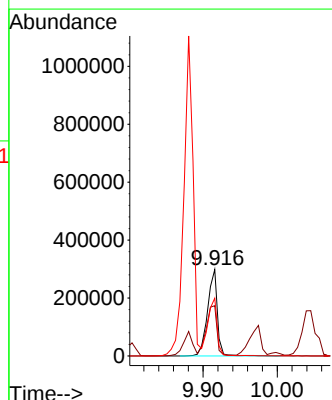
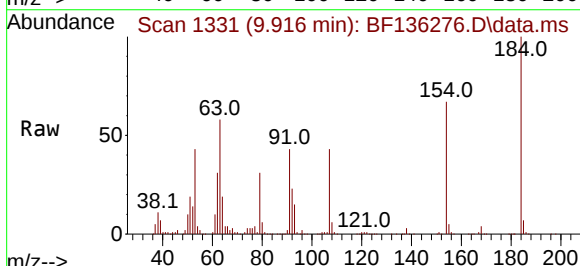
Tgt Ion:184 Resp: 275531

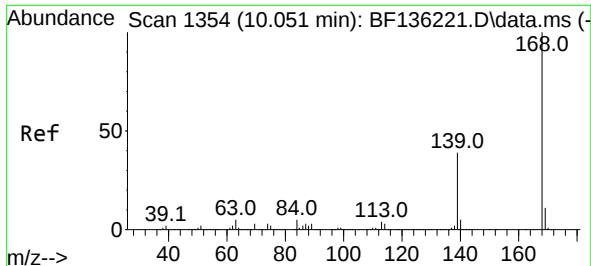
Ion Ratio Lower Upper

184 100

63 58.2 55.0 82.4

154 66.9 54.9 82.3

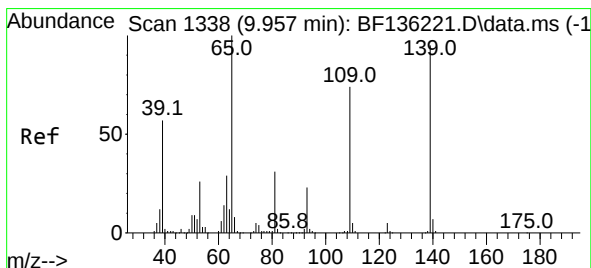
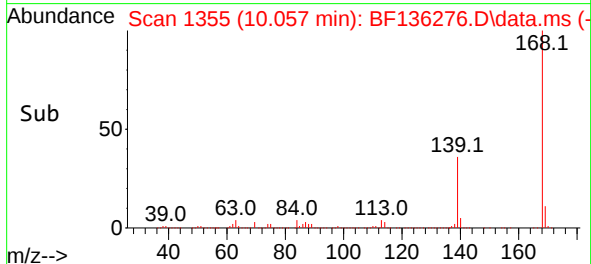
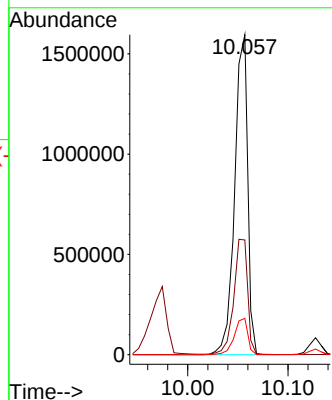
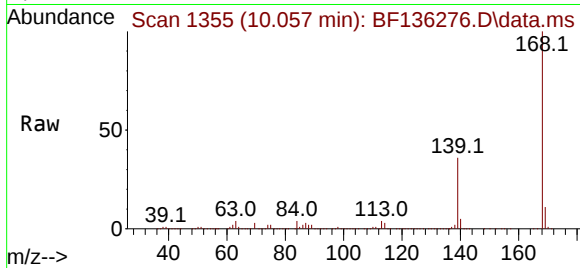




#55
Dibenzenofuran
Concen: 45.258 ng
RT: 10.057 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

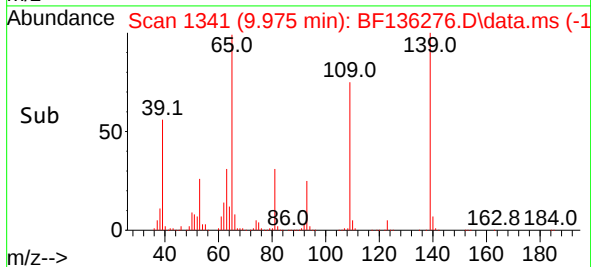
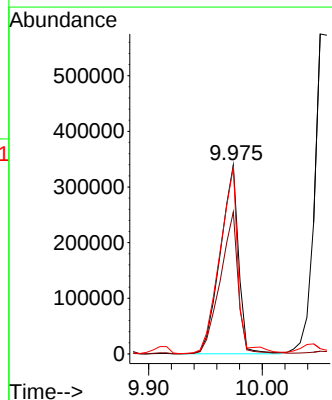
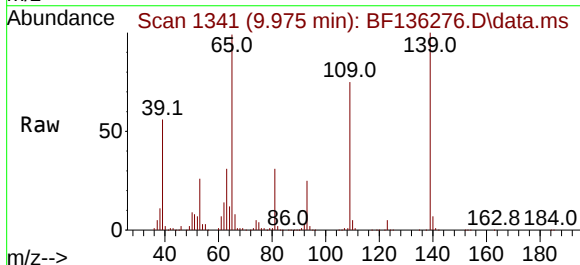
Instrument :
BNA_F
ClientSampleId :
PB156824BS

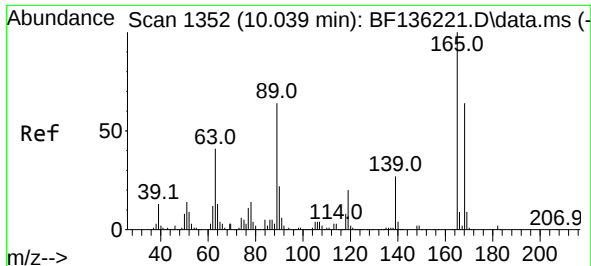
Tgt Ion:168 Resp: 1435722
Ion Ratio Lower Upper
168 100
139 35.9 30.9 46.3
169 11.3 9.1 13.7



#56
4-Nitrophenol
Concen: 94.696 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.018 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Tgt Ion:139 Resp: 380360
Ion Ratio Lower Upper
139 100
109 75.1 57.8 97.8
65 98.7 86.0 126.0

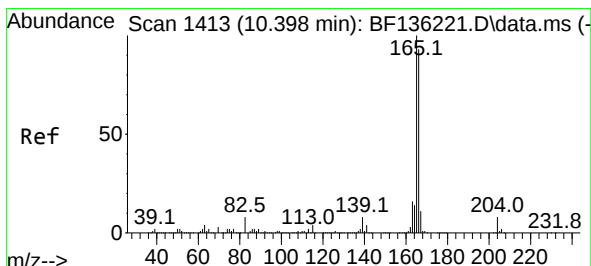
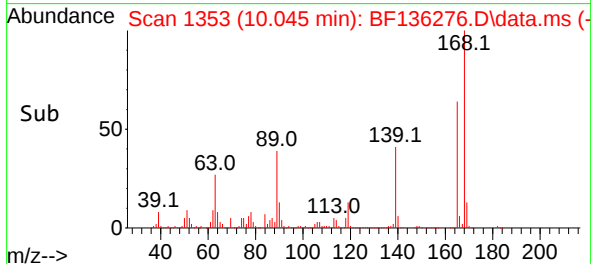
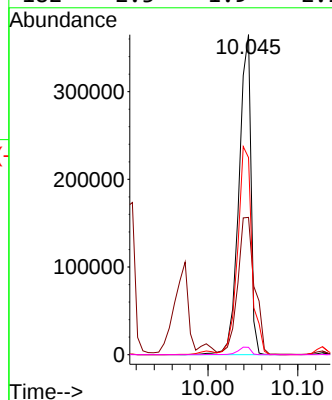
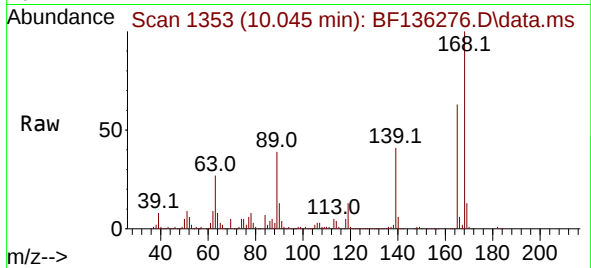




#57
2,4-Dinitrotoluene
Concen: 47.663 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

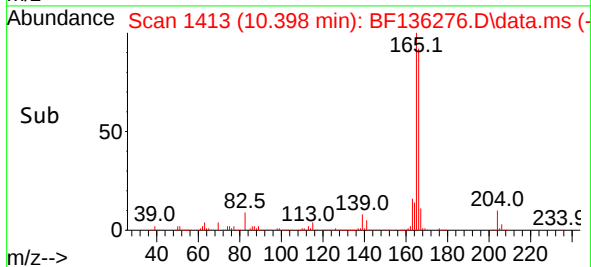
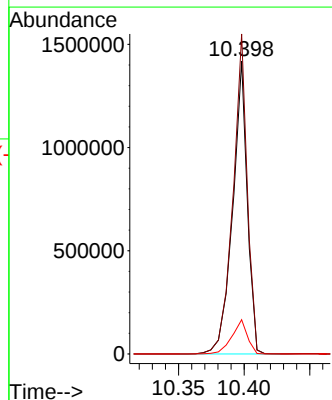
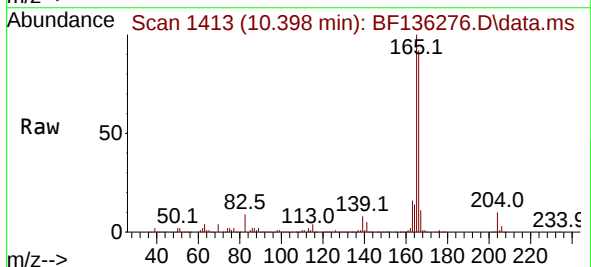
Instrument :
BNA_F
ClientSampleId :
PB156824BS

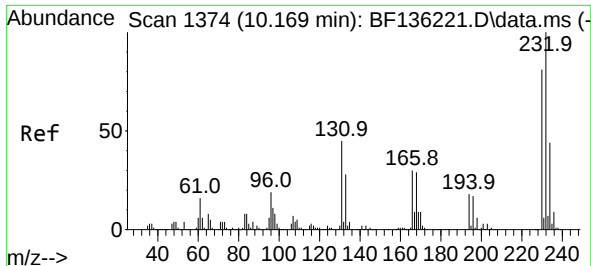
Tgt Ion:165 Resp: 339340
Ion Ratio Lower Upper
165 100
63 42.9 33.0 49.4
89 61.6 51.5 77.3
182 2.3 1.9 2.9



#58
Fluorene
Concen: 44.202 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Tgt Ion:166 Resp: 1099876
Ion Ratio Lower Upper
166 100
165 109.2 86.2 129.4
167 11.7 9.1 13.7

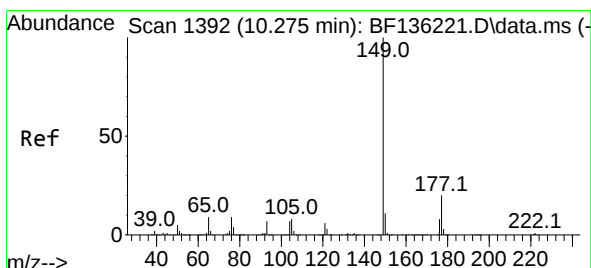
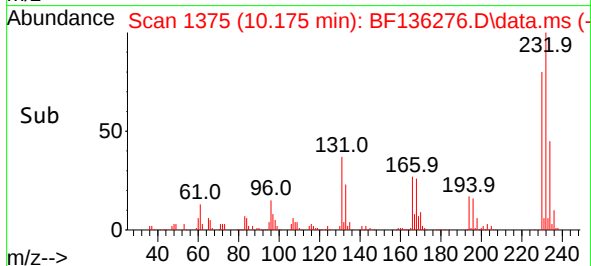
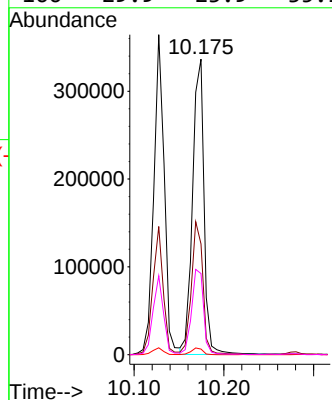
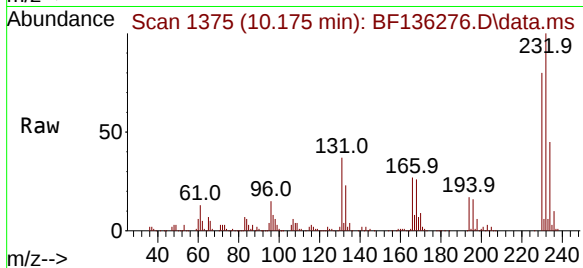




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.451 ng
RT: 10.175 min Scan# 1375
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

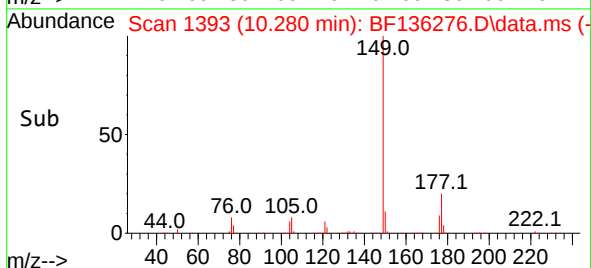
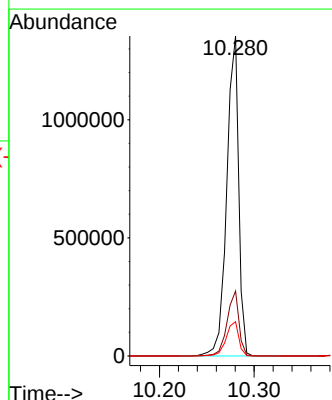
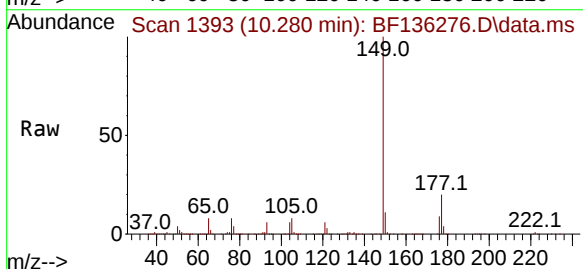
Instrument :
BNA_F
ClientSampleId :
PB156824BS

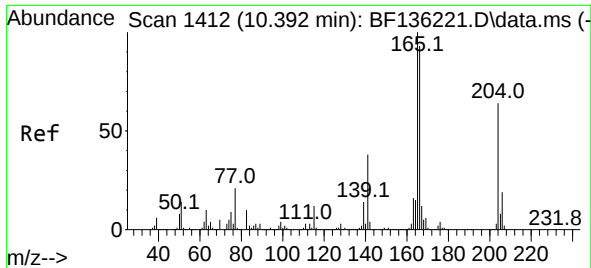
Tgt Ion:232 Resp: 299970
Ion Ratio Lower Upper
232 100
131 44.9 36.4 54.6
130 2.2 1.9 2.9
166 29.9 23.9 35.9



#60
Diethylphthalate
Concen: 45.490 ng
RT: 10.280 min Scan# 1393
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Tgt Ion:149 Resp: 1187183
Ion Ratio Lower Upper
149 100
177 20.3 15.8 23.6
150 10.7 8.8 13.2

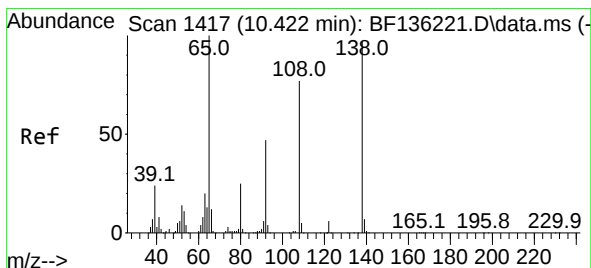
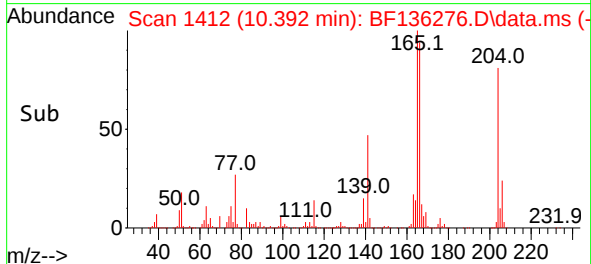
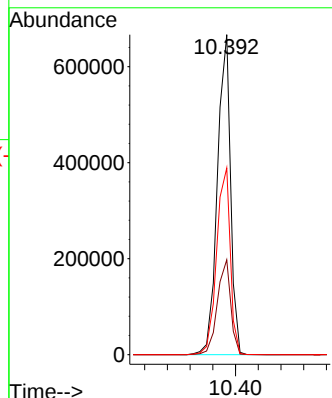
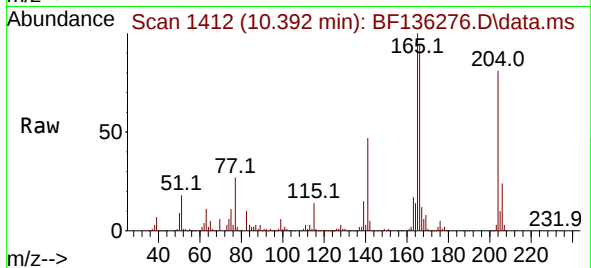




#61
4-Chlorophenyl-phenylether
Concen: 44.254 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

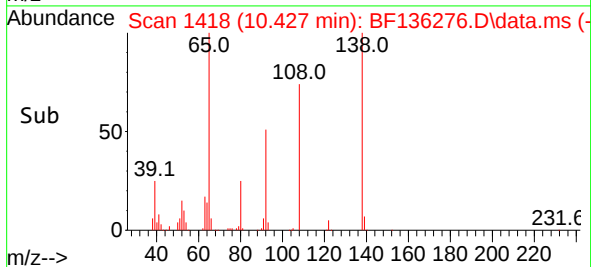
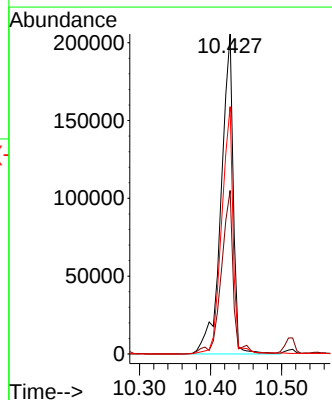
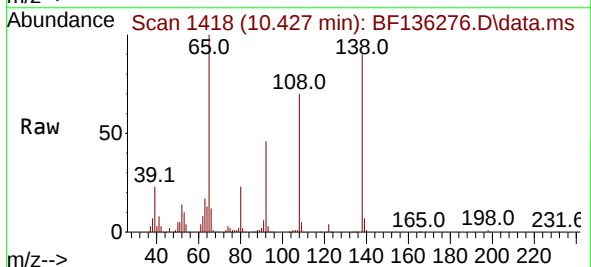
Instrument :
BNA_F
ClientSampleId :
PB156824BS

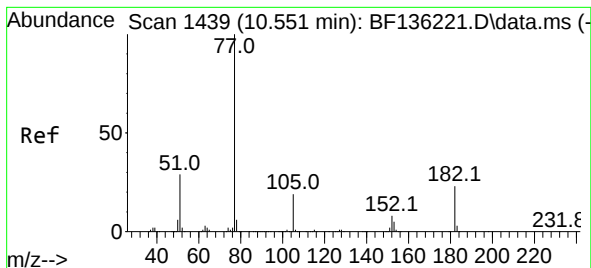
Tgt Ion:204 Resp: 534767
Ion Ratio Lower Upper
204 100
206 29.6 23.4 35.0
141 58.3 47.6 71.4



#62
4-Nitroaniline
Concen: 46.794 ng
RT: 10.427 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Tgt Ion:138 Resp: 242234
Ion Ratio Lower Upper
138 100
92 51.1 28.5 68.5
108 77.3 59.8 99.8





#63

Azobenzene

Concen: 44.428 ng

RT: 10.551 min Scan# 1439

Delta R.T. 0.000 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156824BS

Tgt Ion: 77 Resp: 1074931

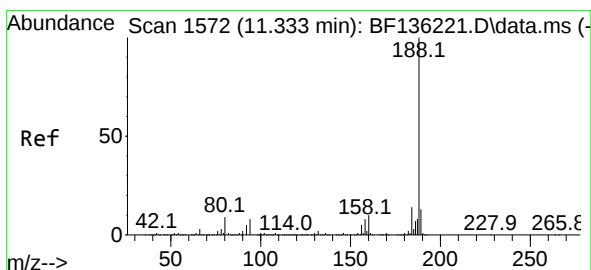
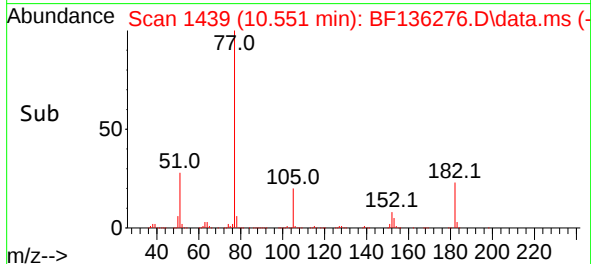
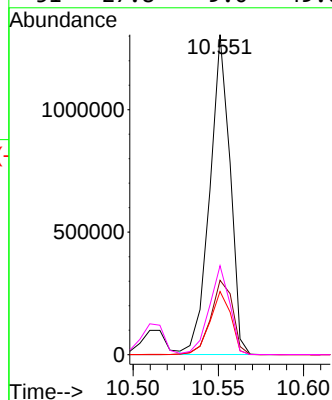
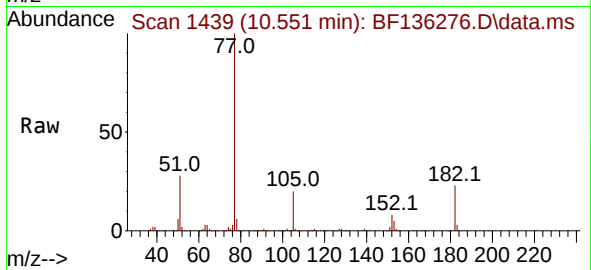
Ion Ratio Lower Upper

77 100

182 23.3 3.3 43.3

105 19.7 0.0 39.5

51 27.8 9.0 49.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 1573

Delta R.T. 0.006 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

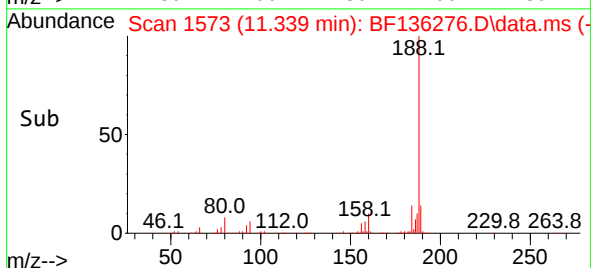
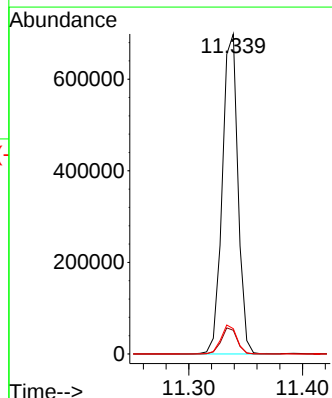
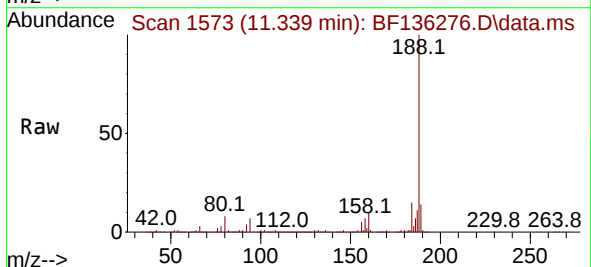
Tgt Ion: 188 Resp: 671325

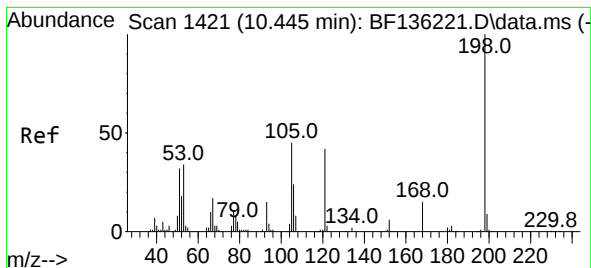
Ion Ratio Lower Upper

188 100

94 7.4 6.7 10.1

80 7.9 7.2 10.8

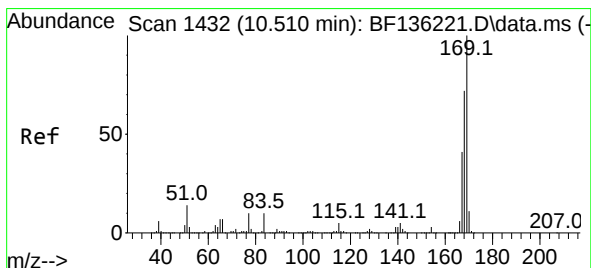
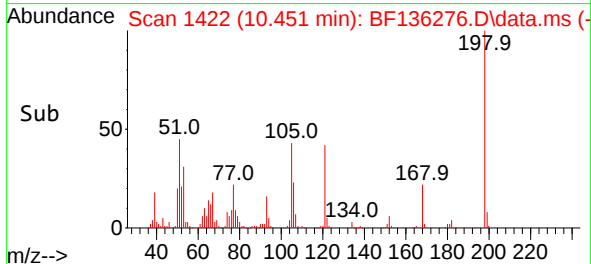
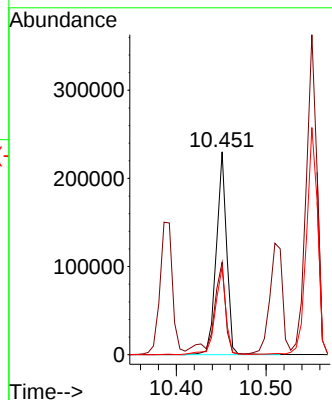
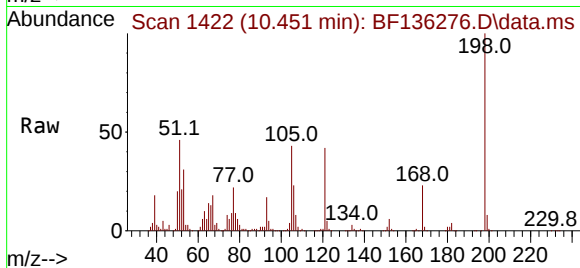




#65
4,6-Dinitro-2-methylphenol
Concen: 50.112 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

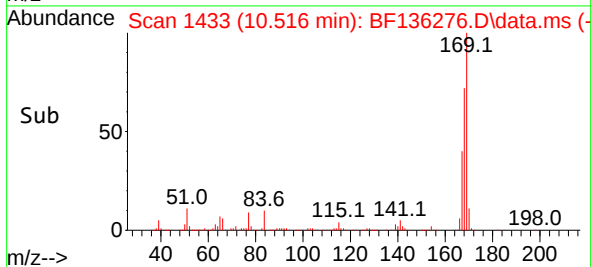
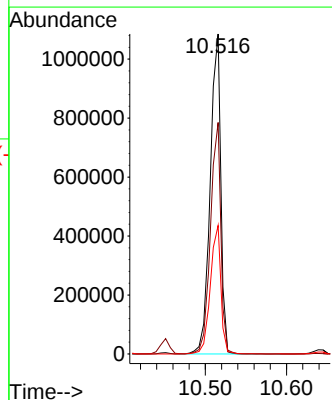
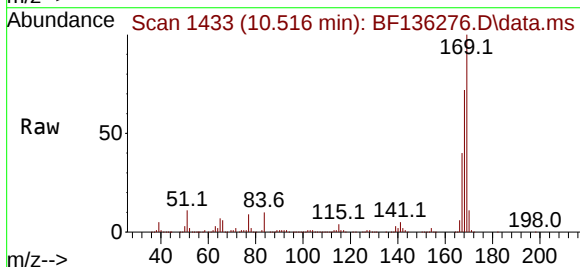
Instrument :
BNA_F
ClientSampleId :
PB156824BS

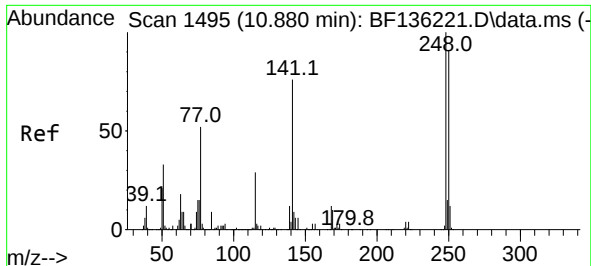
Tgt Ion:198 Resp: 183966
Ion Ratio Lower Upper
198 100
51 45.5 28.2 68.2
105 43.1 25.7 65.7



#66
n-Nitrosodiphenylamine
Concen: 45.544 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Tgt Ion:169 Resp: 979804
Ion Ratio Lower Upper
169 100
168 72.4 57.8 86.6
167 40.1 32.7 49.1

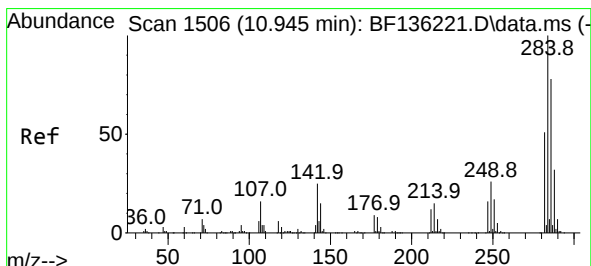
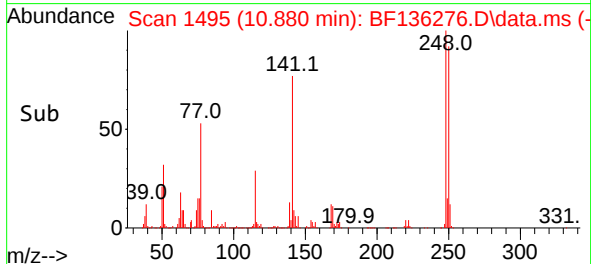
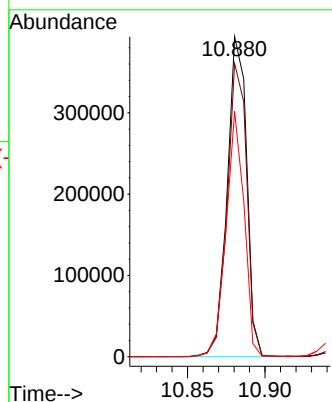
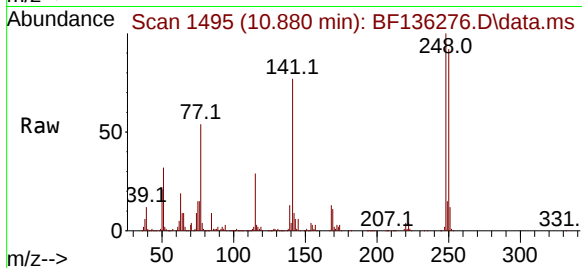




#67
4-Bromophenyl-phenylether
Concen: 44.042 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

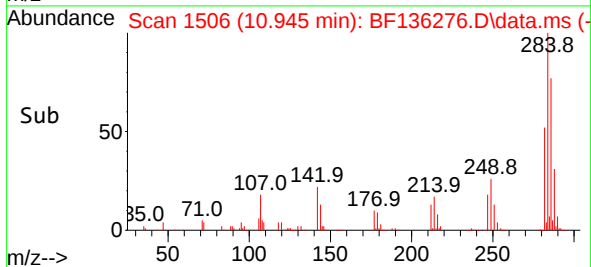
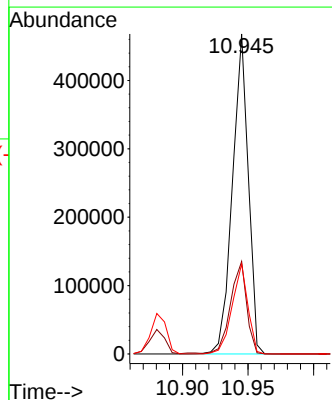
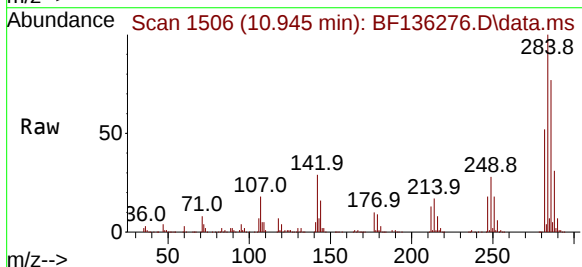
Instrument :
BNA_F
ClientSampleId :
PB156824BS

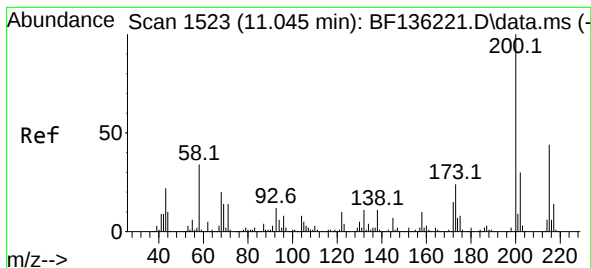
Tgt Ion:248 Resp: 344937
Ion Ratio Lower Upper
248 100
250 91.7 72.5 108.7
141 76.7 60.8 91.2



#68
Hexachlorobenzene
Concen: 43.372 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Tgt Ion:284 Resp: 393147
Ion Ratio Lower Upper
284 100
142 28.9 19.8 29.8
249 28.1 21.0 31.4





#69

Atrazine

Concen: 30.833 ng

RT: 11.045 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156824BS

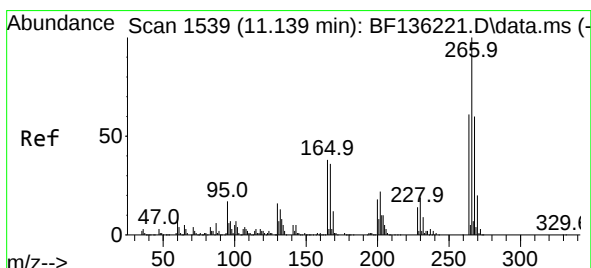
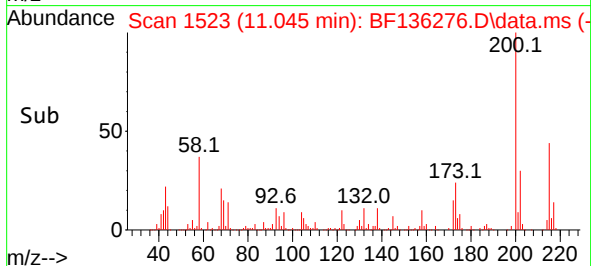
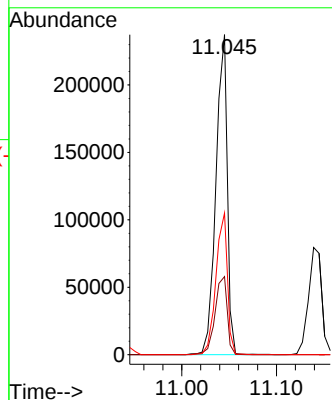
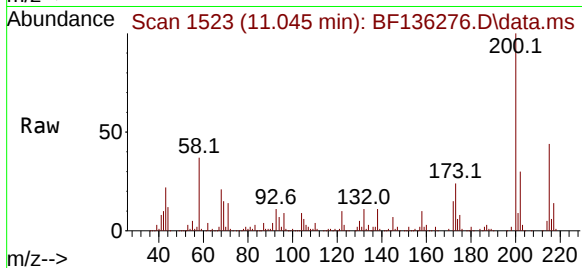
Tgt Ion:200 Resp: 196776

Ion Ratio Lower Upper

200 100

173 24.4 4.3 44.3

215 44.3 23.8 63.8



#70

Pentachlorophenol

Concen: 82.464 ng

RT: 11.145 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

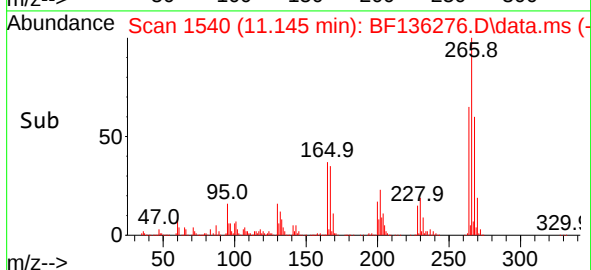
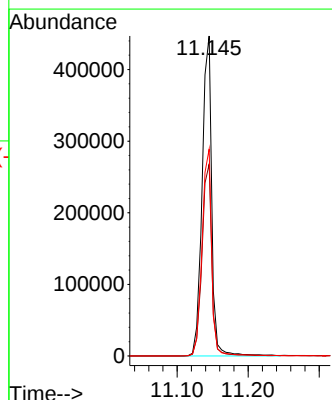
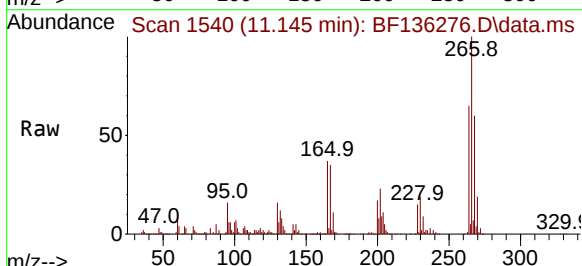
Tgt Ion:266 Resp: 422529

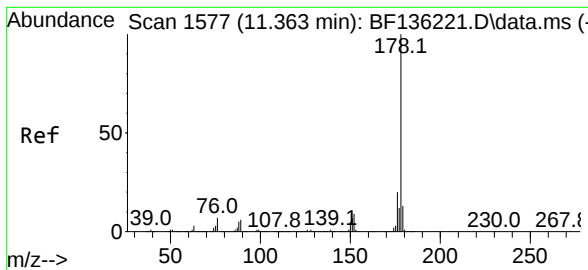
Ion Ratio Lower Upper

266 100

268 60.0 47.9 71.9

264 64.6 49.1 73.7

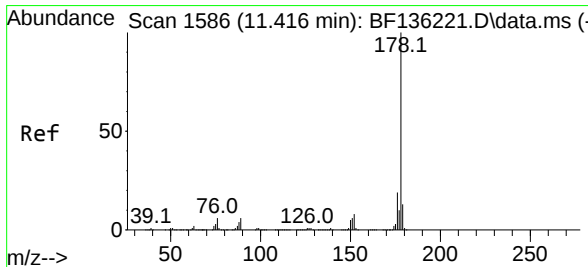
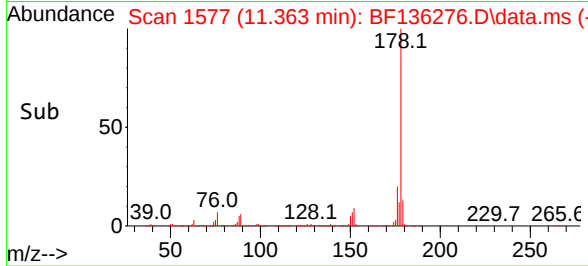
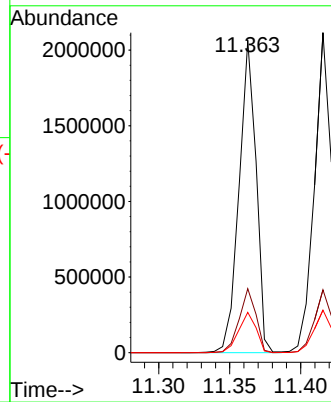
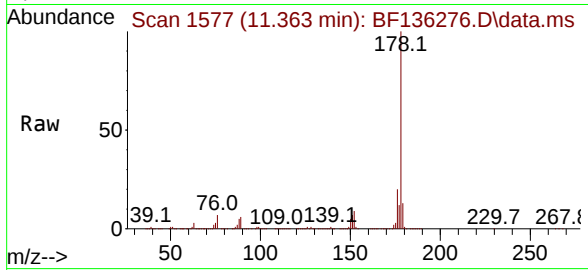




#71
Phenanthrene
Concen: 45.897 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

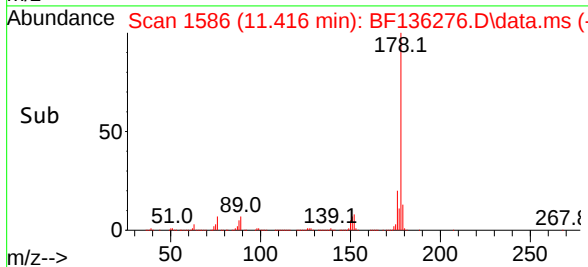
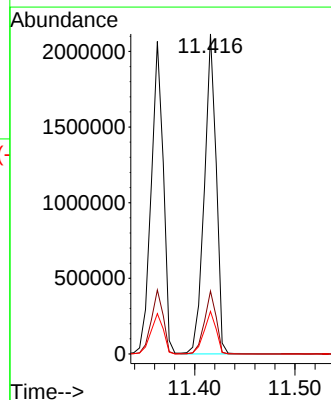
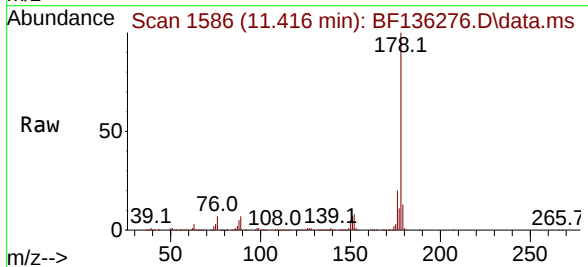
Instrument :
BNA_F
ClientSampleId :
PB156824BS

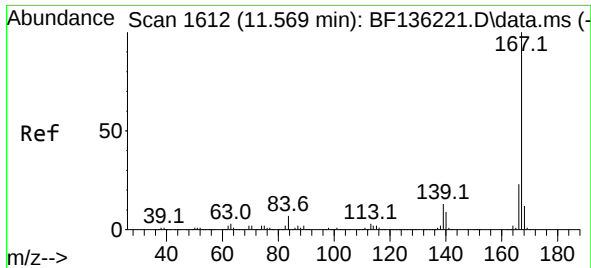
Tgt Ion:178 Resp: 1731755
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.2
179 12.9 10.3 15.5



#72
Anthracene
Concen: 46.121 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Tgt Ion:178 Resp: 1745119
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 13.3 10.5 15.7

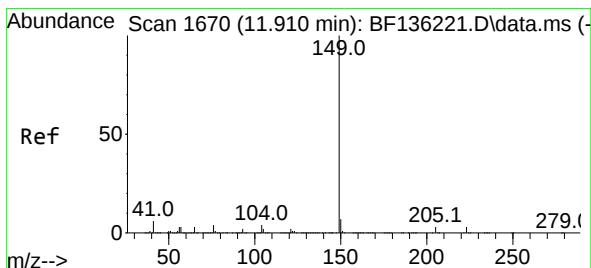
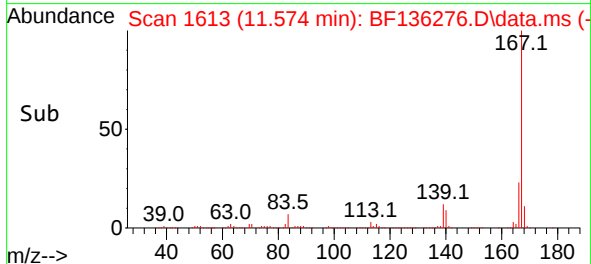
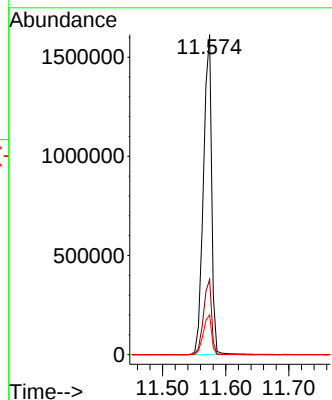
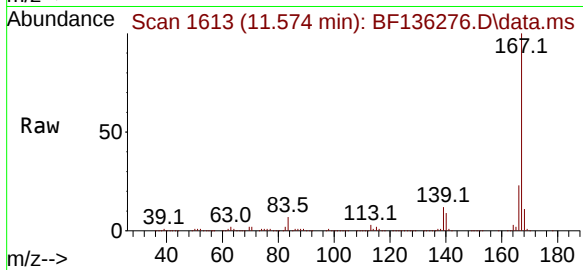




#73
 Carbazole
 Concen: 45.255 ng
 RT: 11.574 min Scan# 1613
 Delta R.T. 0.006 min
 Lab File: BF136276.D
 Acq: 29 Nov 2023 11:14

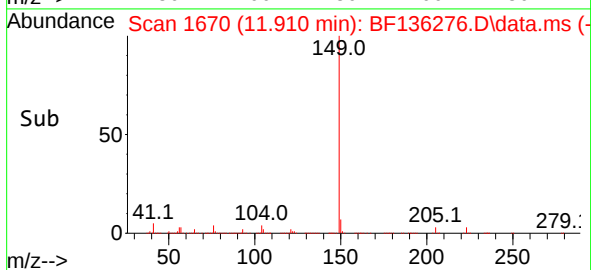
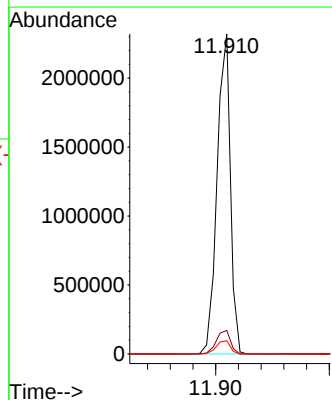
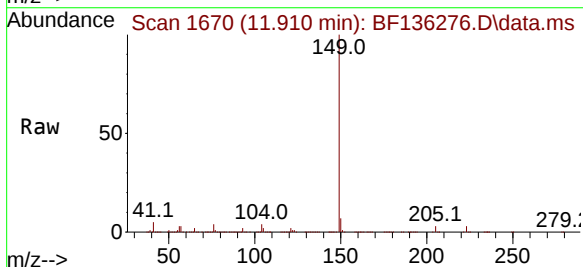
Instrument :
 BNA_F
 ClientSampleId :
 PB156824BS

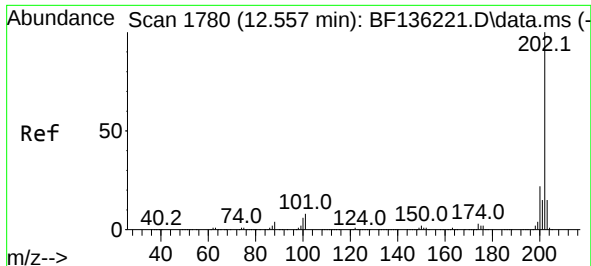
Tgt Ion:167 Resp: 1456370
 Ion Ratio Lower Upper
 167 100
 166 23.5 18.4 27.6
 139 12.5 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 46.768 ng
 RT: 11.910 min Scan# 1670
 Delta R.T. 0.000 min
 Lab File: BF136276.D
 Acq: 29 Nov 2023 11:14

Tgt Ion:149 Resp: 1883166
 Ion Ratio Lower Upper
 149 100
 150 7.4 6.0 9.0
 104 4.1 3.5 5.3

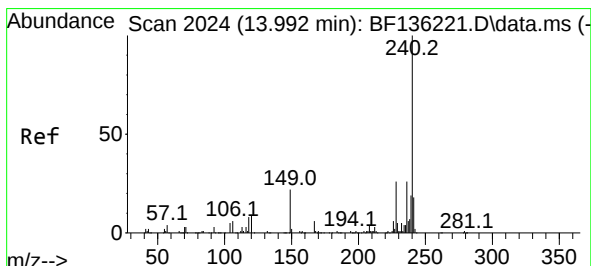
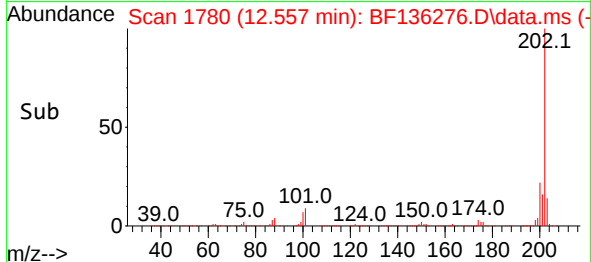
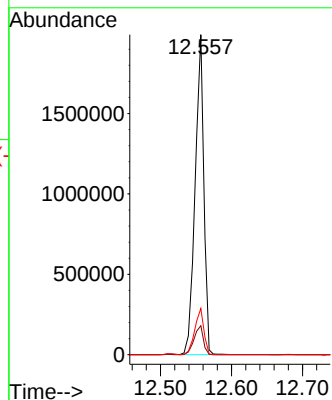
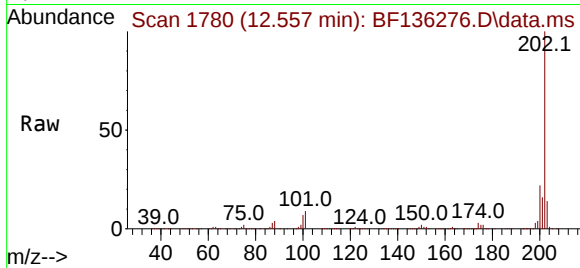




#75
Fluoranthene
Concen: 44.394 ng
RT: 12.557 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

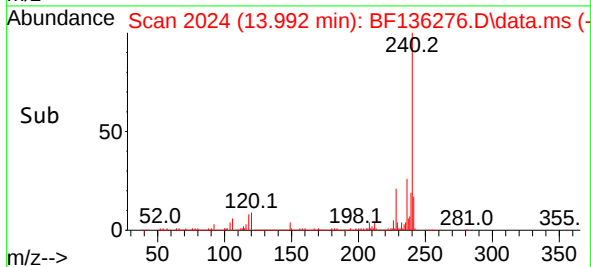
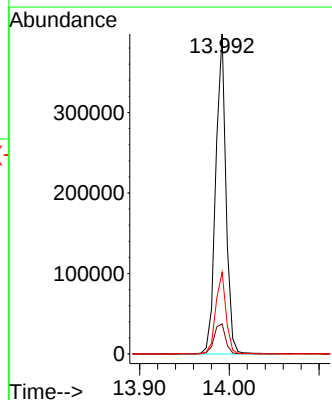
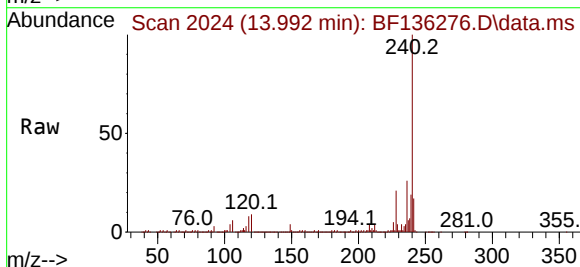
Instrument :
BNA_F
ClientSampleId :
PB156824BS

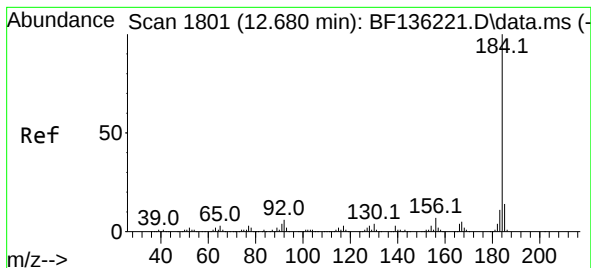
Tgt Ion:202 Resp: 1700470
Ion Ratio Lower Upper
202 100
101 9.1 0.0 27.8
203 14.4 0.0 34.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Tgt Ion:240 Resp: 314895
Ion Ratio Lower Upper
240 100
120 9.4 7.4 11.2
236 25.6 21.1 31.7





#77

Benzidine

Concen: 44.335 ng

RT: 12.680 min Scan# 1801

Delta R.T. 0.000 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156824BS

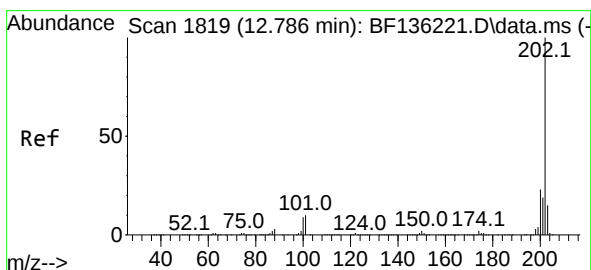
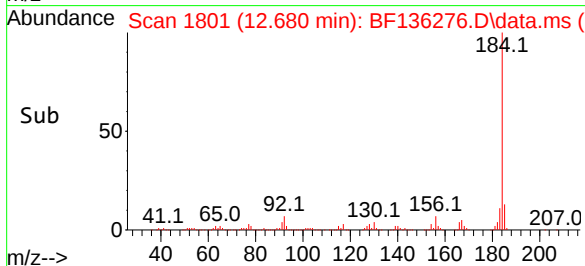
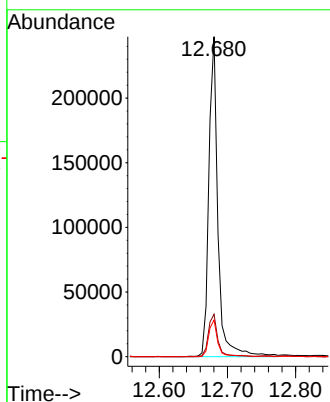
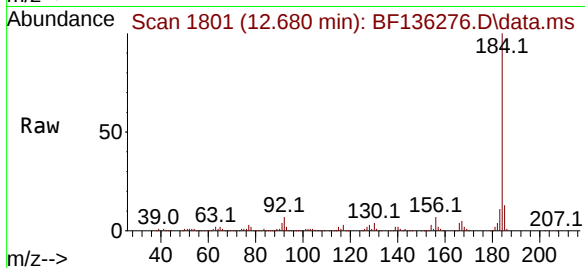
Tgt Ion:184 Resp: 229491

Ion Ratio Lower Upper

184 100

185 13.2 11.0 16.6

183 11.5 9.0 13.4



#78

Pyrene

Concen: 48.537 ng

RT: 12.786 min Scan# 1819

Delta R.T. 0.000 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

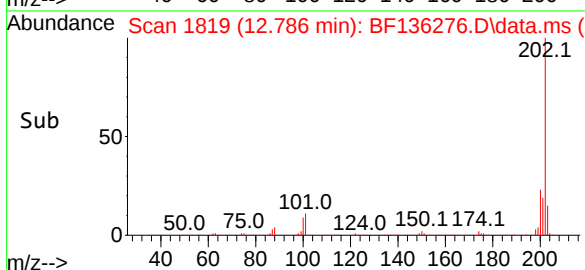
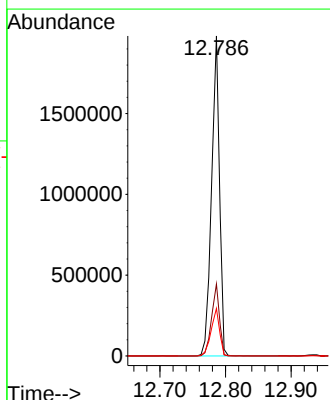
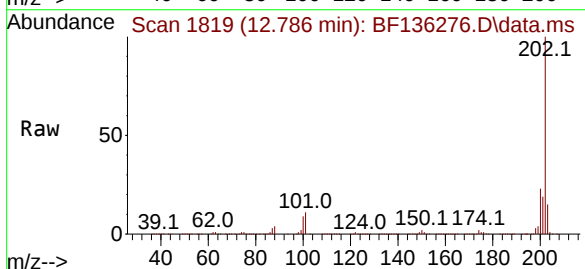
Tgt Ion:202 Resp: 1673867

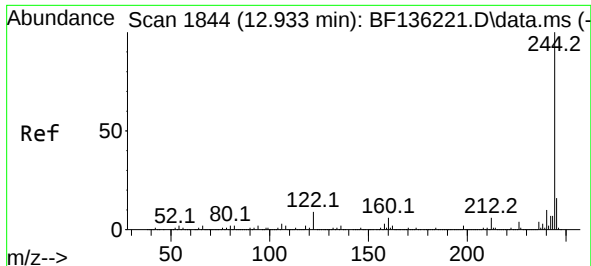
Ion Ratio Lower Upper

202 100

200 22.5 18.4 27.6

203 14.8 11.8 17.6

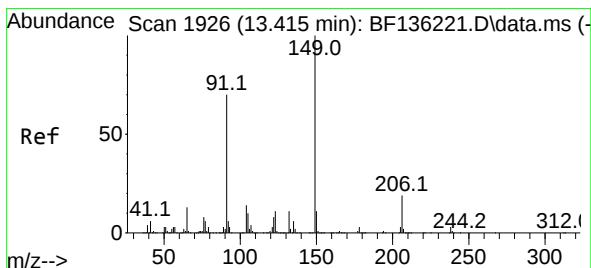
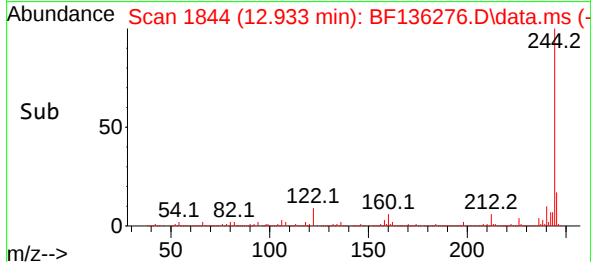
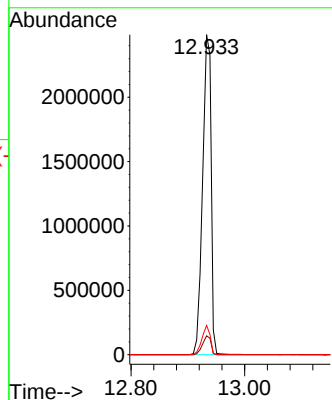
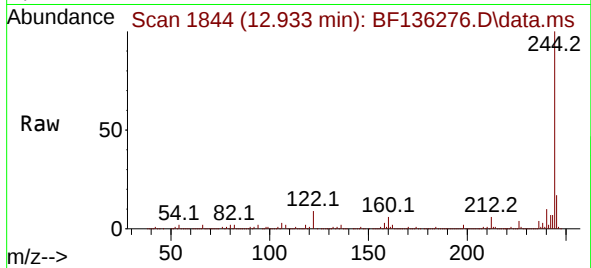




#79
 Terphenyl-d14
 Concen: 94.915 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: BF136276.D
 Acq: 29 Nov 2023 11:14

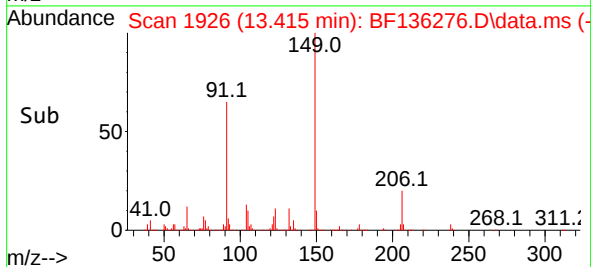
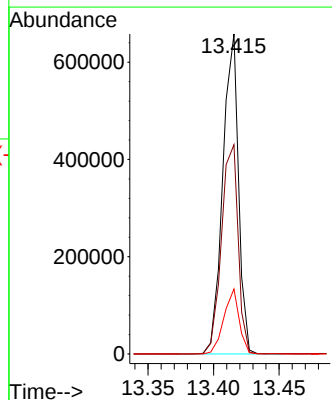
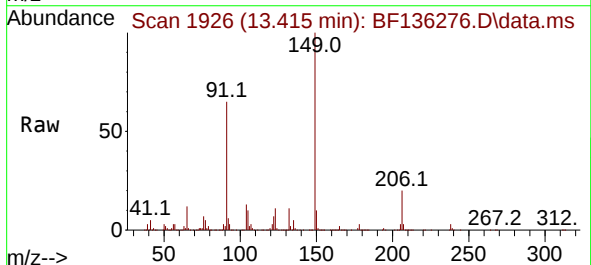
Instrument :
 BNA_F
 ClientSampleId :
 PB156824BS

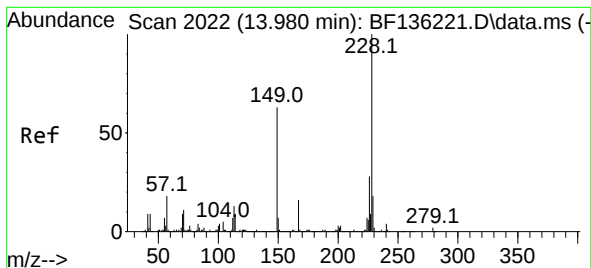
Tgt Ion:244 Resp: 2591131
 Ion Ratio Lower Upper
 244 100
 212 5.9 4.6 7.0
 122 9.2 7.3 10.9



#80
 Butylbenzylphthalate
 Concen: 50.908 ng
 RT: 13.415 min Scan# 1926
 Delta R.T. 0.000 min
 Lab File: BF136276.D
 Acq: 29 Nov 2023 11:14

Tgt Ion:149 Resp: 546398
 Ion Ratio Lower Upper
 149 100
 91 65.4 56.4 84.6
 206 20.3 14.8 22.2





#81

Benzo(a)anthracene

Concen: 44.448 ng

RT: 13.980 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156824BS

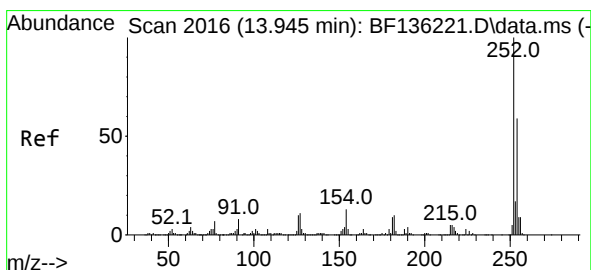
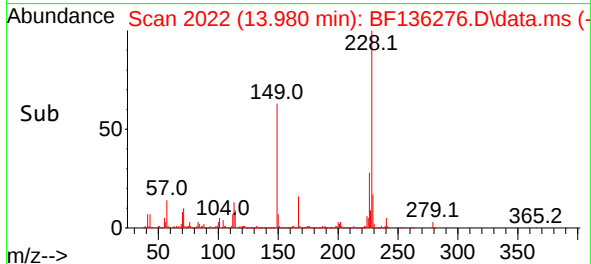
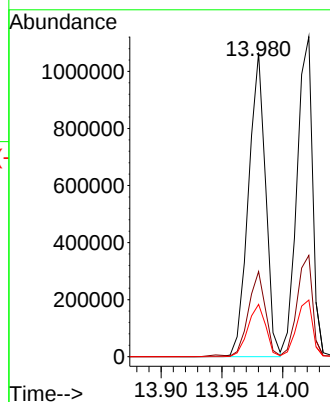
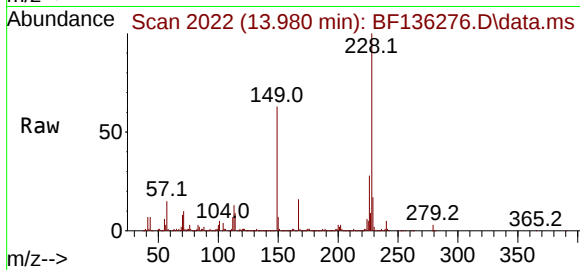
Tgt Ion:228 Resp: 1039622

Ion Ratio Lower Upper

228 100

226 28.0 22.6 34.0

229 17.2 14.0 21.0



#82

3,3'-Dichlorobenzidine

Concen: 54.326 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

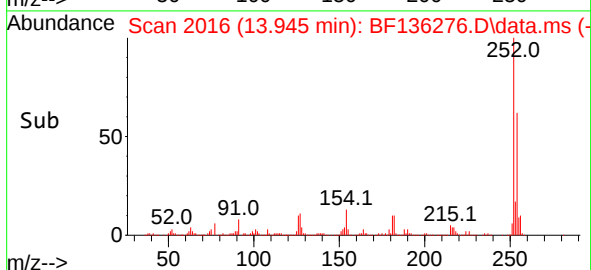
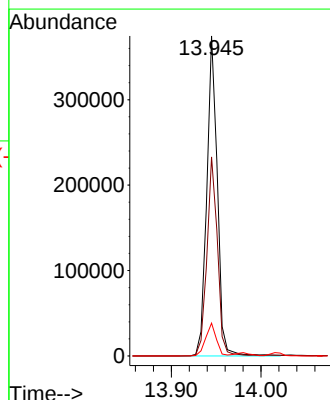
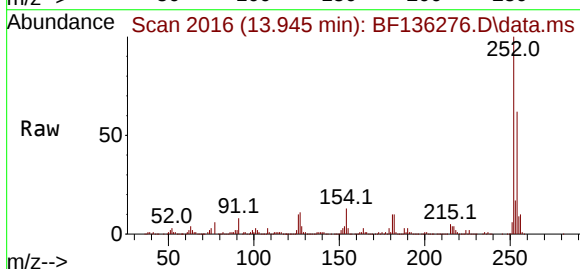
Tgt Ion:252 Resp: 305863

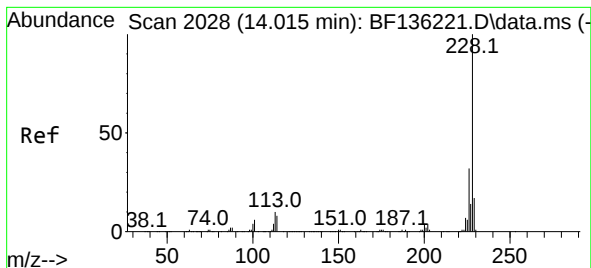
Ion Ratio Lower Upper

252 100

254 62.2 47.4 71.2

126 10.3 8.3 12.5





#83

Chrysene

Concen: 44.490 ng

RT: 14.021 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156824BS

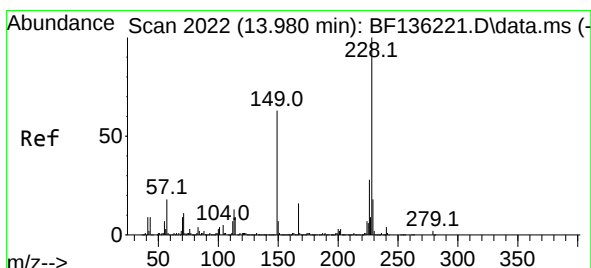
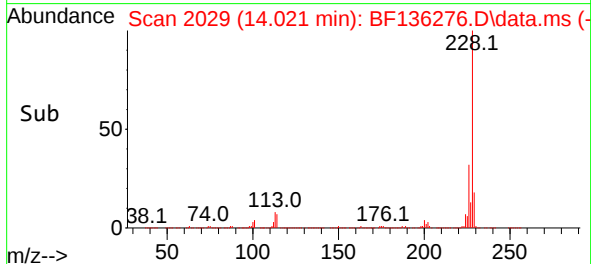
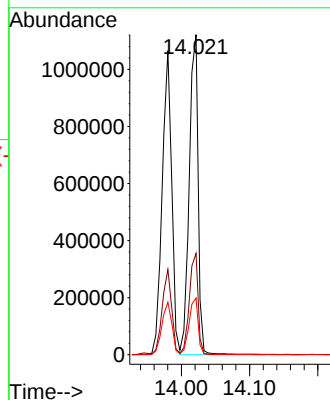
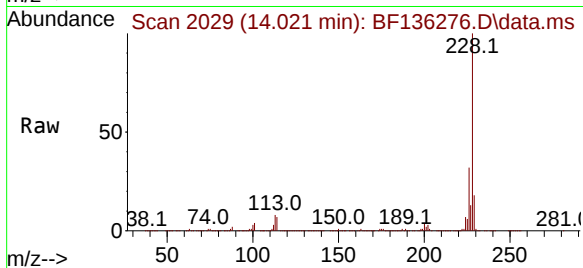
Tgt Ion:228 Resp: 1004727

Ion Ratio Lower Upper

228 100

226 31.6 25.5 38.3

229 17.7 13.9 20.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.188 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

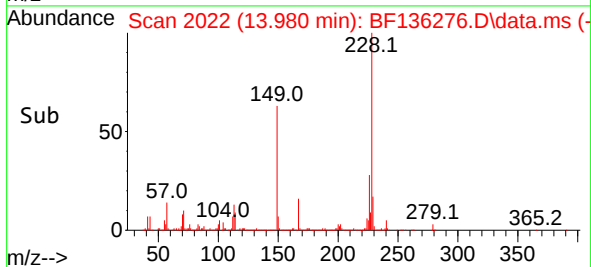
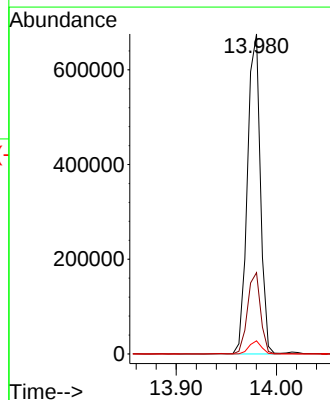
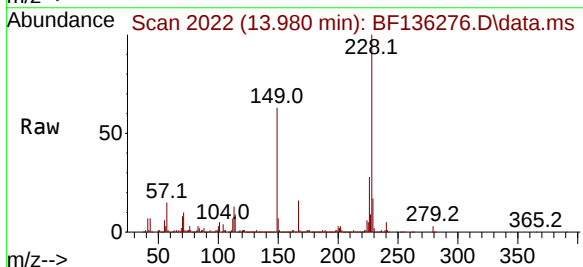
Tgt Ion:149 Resp: 607831

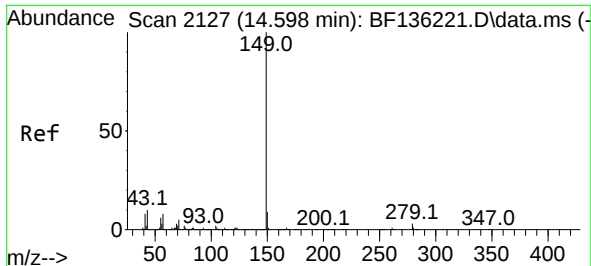
Ion Ratio Lower Upper

149 100

167 25.4 20.2 30.2

279 4.1 2.4 3.6#

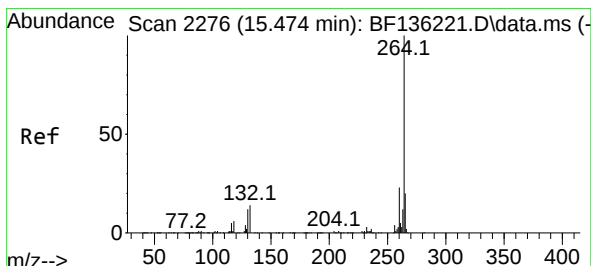
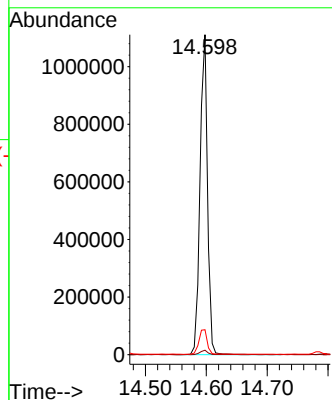
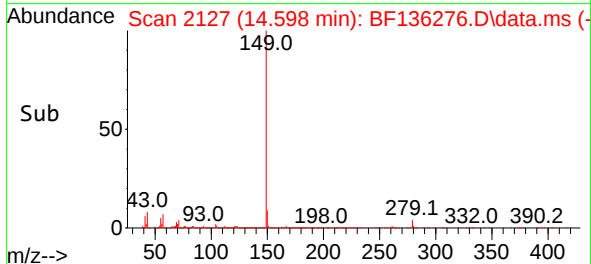
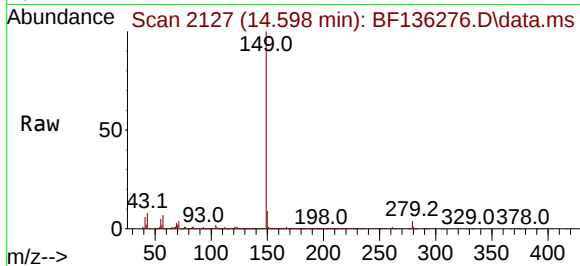




#85
Di-n-octyl phthalate
Concen: 45.438 ng
RT: 14.598 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

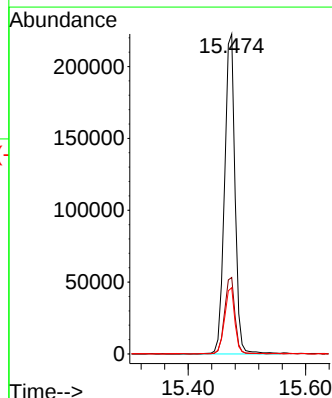
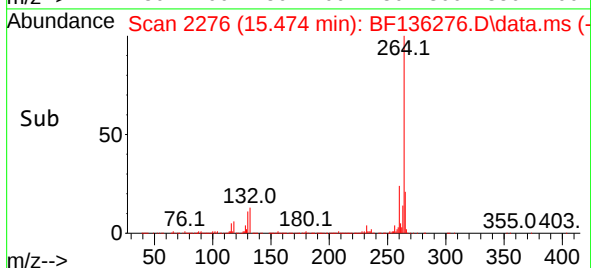
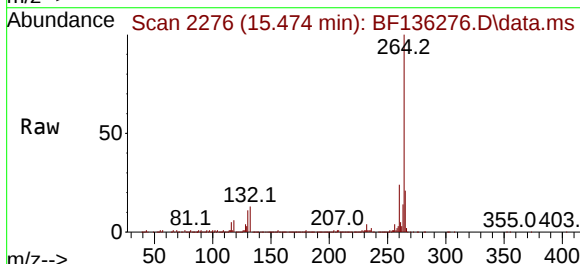
Instrument :
BNA_F
ClientSampleId :
PB156824BS

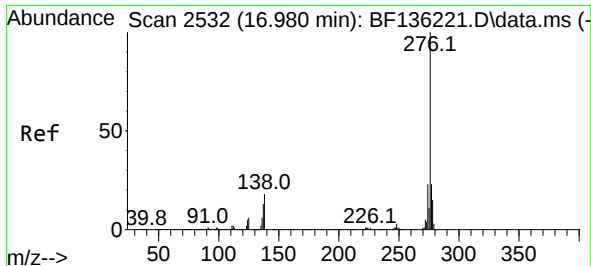
Tgt Ion:149 Resp: 944123
Ion Ratio Lower Upper
149 100
167 1.4 1.0 1.6
43 8.7 7.2 10.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Tgt Ion:264 Resp: 275800
Ion Ratio Lower Upper
264 100
260 23.9 18.6 27.8
265 20.7 15.7 23.5

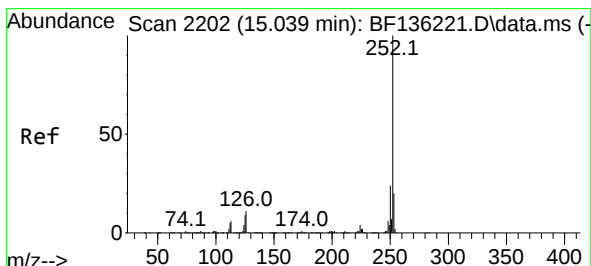
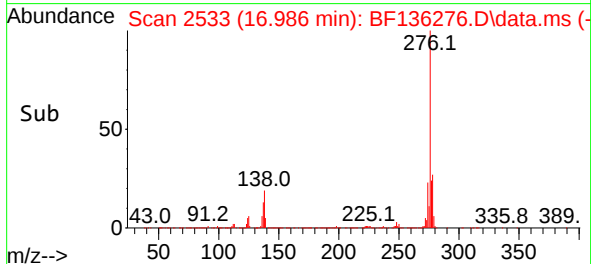
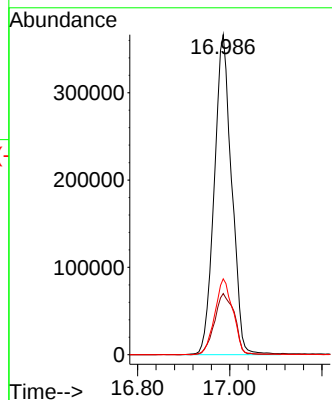
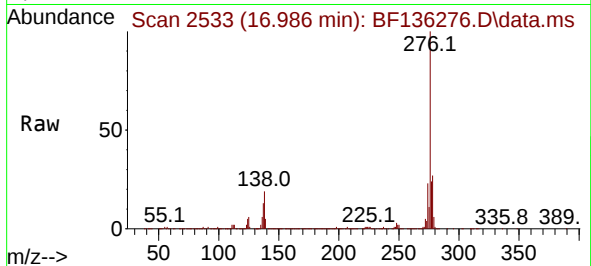




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.636 ng
RT: 16.986 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

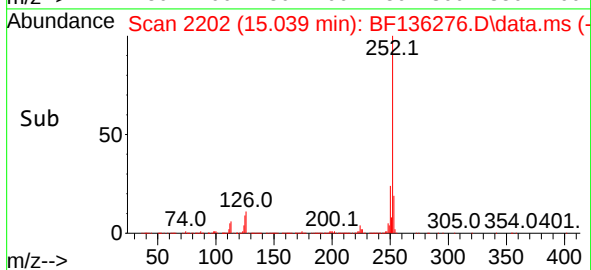
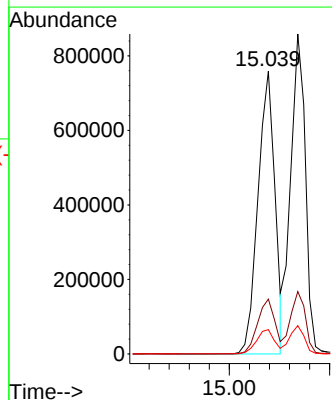
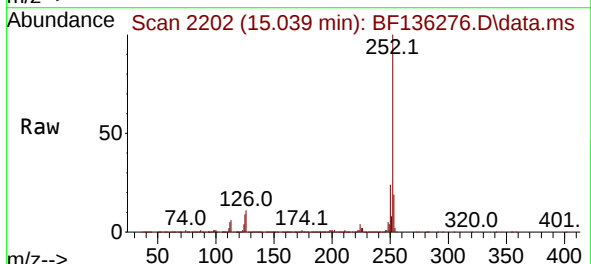
Instrument :
BNA_F
ClientSampleId :
PB156824BS

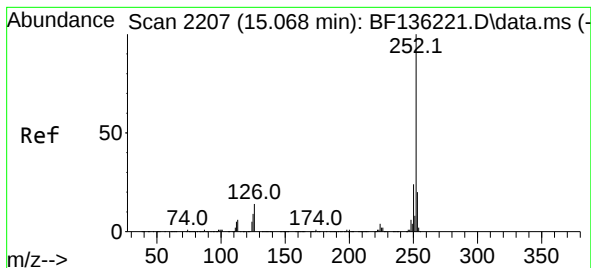
Tgt Ion:276 Resp: 959761
Ion Ratio Lower Upper
276 100
138 22.0 17.7 26.5
277 24.8 19.6 29.4



#88
Benzo(b)fluoranthene
Concen: 46.111 ng
RT: 15.039 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Tgt Ion:252 Resp: 892238
Ion Ratio Lower Upper
252 100
253 19.4 16.2 24.2
125 8.6 6.9 10.3





#89

Benzo(k)fluoranthene

Concen: 48.206 ng

RT: 15.068 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156824BS

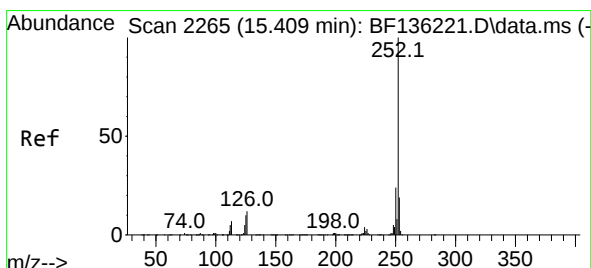
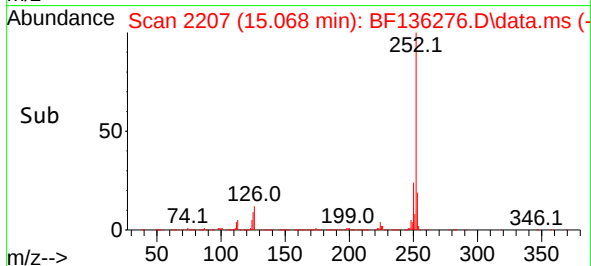
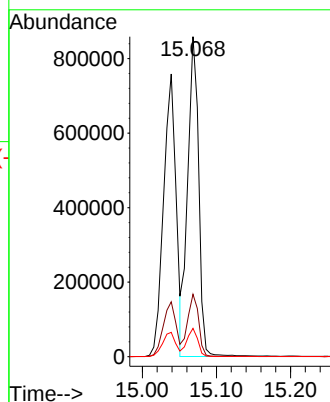
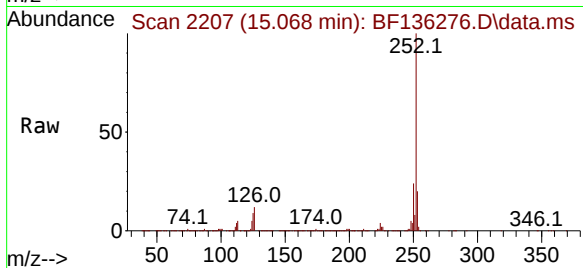
Tgt Ion:252 Resp: 885918

Ion Ratio Lower Upper

252 100

253 19.5 15.6 23.4

125 8.8 7.0 10.4



#90

Benzo(a)pyrene

Concen: 47.830 ng

RT: 15.409 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

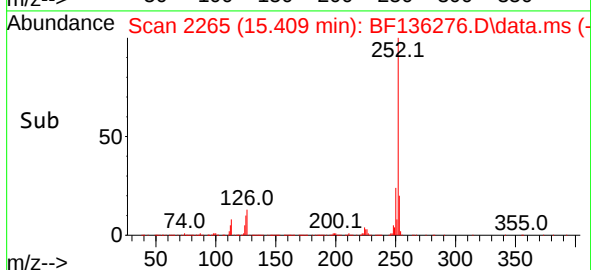
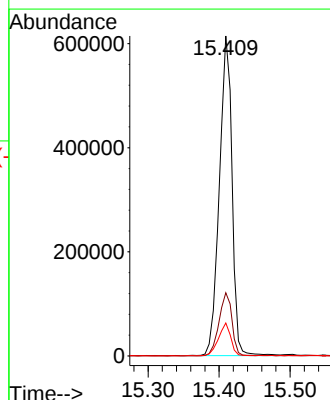
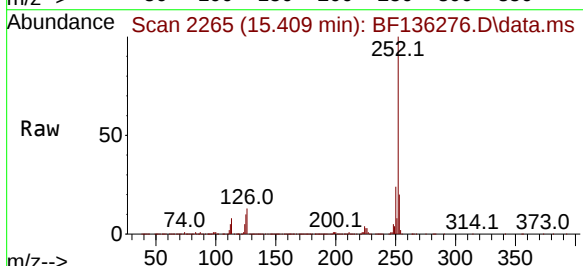
Tgt Ion:252 Resp: 756574

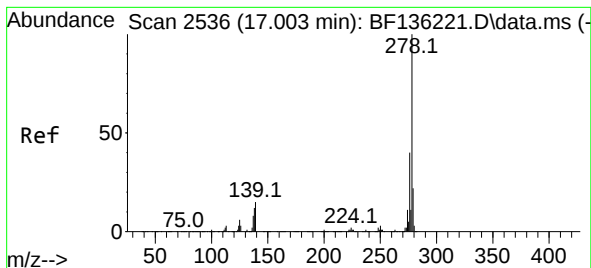
Ion Ratio Lower Upper

252 100

253 19.8 15.5 23.3

125 10.3 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 47.996 ng

RT: 17.009 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156824BS

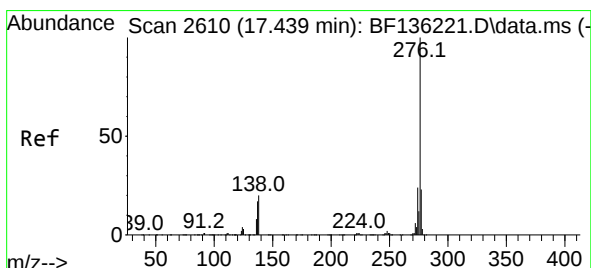
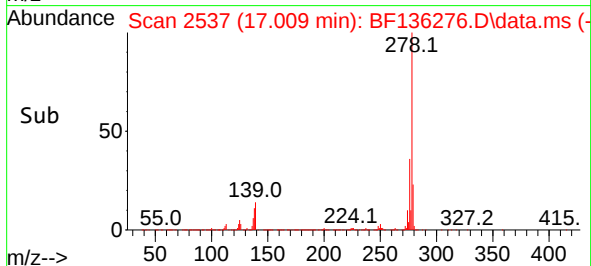
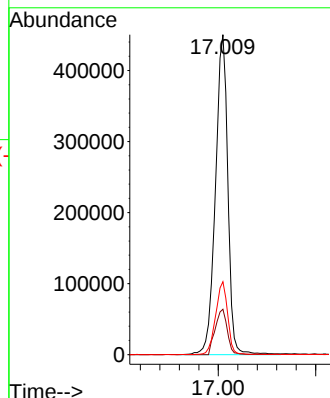
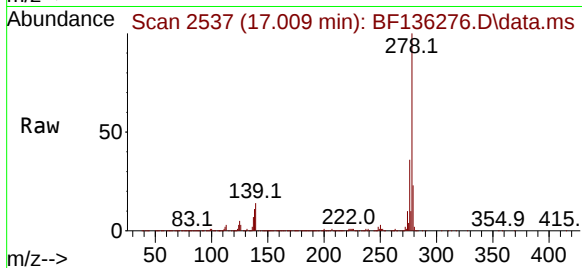
Tgt Ion:278 Resp: 794141

Ion Ratio Lower Upper

278 100

139 14.2 11.7 17.5

279 22.8 17.8 26.8



#92

Benzo(g,h,i)perylene

Concen: 46.330 ng

RT: 17.445 min Scan# 2611

Delta R.T. 0.006 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

Tgt Ion:276 Resp: 768085

Ion Ratio Lower Upper

276 100

277 22.9 18.6 27.8

138 19.9 15.8 23.8

