

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
 Data File : BF136929.D
 Acq On : 04 Jan 2024 02:38
 Operator : CG\JU
 Sample : 06041-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-12282023MS

Quant Time: Jan 04 03:46:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	54317	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	183232	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	77261	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	147282	20.000	ng	0.00
76) Chrysene-d12	13.974	240	108933	20.000	ng	0.00
86) Perylene-d12	15.457	264	89457	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	368894	105.967	ng	0.01
7) Phenol-d6	6.446	99	429867	95.297	ng	0.00
23) Nitrobenzene-d5	7.351	82	261759	73.101	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	99244	109.069	ng	0.00
45) 2-Fluorobiphenyl	9.140	172	446079	77.655	ng	-0.01
79) Terphenyl-d14	12.910	244	468082	60.049	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	60502	41.712	ng	98
3) Pyridine	3.369	79	134936	38.128	ng	94
4) n-Nitrosodimethylamine	3.322	42	82646	43.730	ng	98
6) Aniline	6.451	93	84894	18.824	ng	# 20
8) 2-Chlorophenol	6.581	128	164753	43.247	ng	96
9) Benzaldehyde	6.340	77	32431	12.640	ng	94
10) Phenol	6.457	94	190806	39.625	ng	94
11) bis(2-Chloroethyl)ether	6.522	93	163055	44.526	ng	99
12) 1,3-Dichlorobenzene	6.728	146	174626	42.019	ng	97
13) 1,4-Dichlorobenzene	6.804	146	179905	42.367	ng	97
14) 1,2-Dichlorobenzene	6.951	146	164624	41.663	ng	100
15) Benzyl Alcohol	6.940	79	130681	42.942	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	247991	41.421	ng	# 50
17) 2-Methylphenol	7.057	107	119683	37.922	ng	# 90
18) Hexachloroethane	7.287	117	55752	36.152	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	113281	41.428	ng	93
20) 3+4-Methylphenols	7.216	107	157140	39.855	ng	# 51
22) Acetophenone	7.198	105	229139	49.892	ng	# 85
24) Nitrobenzene	7.369	77	153573	42.814	ng	97
25) Isophorone	7.610	82	287659	44.149	ng	98
26) 2-Nitrophenol	7.681	139	52057	30.333	ng	95
27) 2,4-Dimethylphenol	7.728	122	113395	54.273	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	181122	45.732	ng	99
29) 2,4-Dichlorophenol	7.934	162	109789	40.816	ng	96
30) 1,2,4-Trichlorobenzene	8.004	180	132032	44.055	ng	99
31) Naphthalene	8.087	128	450299	44.733	ng	99
32) Benzoic acid	7.863	122	67859	33.567	ng	92
33) 4-Chloroaniline	8.145	127	29960	8.061	ng	97
34) Hexachlorobutadiene	8.198	225	79580	43.704	ng	99
35) Caprolactam	8.522	113	33442	37.687	ng	99
36) 4-Chloro-3-methylphenol	8.640	107	110335	36.436	ng	98
37) 2-Methylnaphthalene	8.775	142	253913	39.194	ng	100
38) 1-Methylnaphthalene	8.875	142	242628	38.174	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	123131	51.460	ng	99
41) Hexachlorocyclopentadiene	8.922	237	13048	20.954	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	71520	46.608	ng	99

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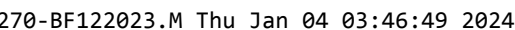
Instrument :
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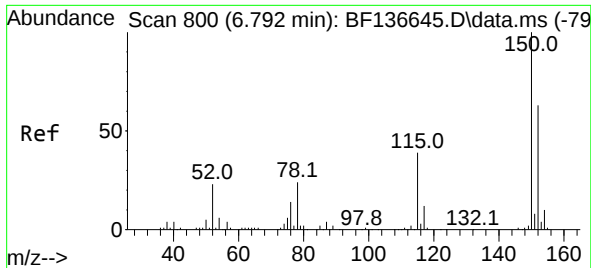
Quant Time: Jan 04 03:46:38 2024
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 QLast Update : Thu Dec 21 01:54:25 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	75588	44.204	ng	99
46) 1,1'-Biphenyl	9.239	154	320185	49.386	ng	99
47) 2-Chloronaphthalene	9.269	162	225139	45.679	ng	98
48) 2-Nitroaniline	9.369	65	73461	47.596	ng	99
49) Acenaphthylene	9.681	152	363510	48.252	ng	99
50) Dimethylphthalate	9.545	163	258766	45.853	ng	100
51) 2,6-Dinitrotoluene	9.610	165	46564	36.356	ng	90
52) Acenaphthene	9.851	154	221295	47.387	ng	98
53) 3-Nitroaniline	9.787	138	56038	41.304	ng	90
54) 2,4-Dinitrophenol	9.910	184	560	4.487	ng	# 57
55) Dibenzofuran	10.028	168	326825	46.169	ng	98
56) 4-Nitrophenol	9.969	139	69099	75.446	ng	97
57) 2,4-Dinitrotoluene	10.016	165	57652	34.674	ng	99
58) Fluorene	10.375	166	269009	47.893	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.151	232	61045	46.376	ng	# 97
60) Diethylphthalate	10.245	149	255003	43.551	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	120397	44.099	ng	96
62) 4-Nitroaniline	10.398	138	62582	47.849	ng	96
63) Azobenzene	10.522	77	222684	40.718	ng	98
66) n-Nitrosodiphenylamine	10.486	169	212295	44.372	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	70064	42.835	ng	94
68) Hexachlorobenzene	10.922	284	77357	42.438	ng	98
69) Atrazine	11.022	200	65971	53.911	ng	96
70) Pentachlorophenol	11.128	266	71119	83.705	ng	98
71) Phenanthrene	11.339	178	490183	64.863	ng	99
72) Anthracene	11.392	178	403603	52.735	ng	99
73) Carbazole	11.557	167	359829	49.867	ng	99
74) Di-n-butylphthalate	11.881	149	425957	48.377	ng	99
75) Fluoranthene	12.539	202	560310	69.315	ng	99
77) Benzidine	12.669	184	73685	22.941	ng	# 94
78) Pyrene	12.769	202	553579	51.767	ng	100
80) Butylbenzylphthalate	13.386	149	190636	48.993	ng	95
81) Benzo(a)anthracene	13.963	228	410223	54.232	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	64925	30.223	ng	99
83) Chrysene	14.004	228	379982	51.370	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	283256	57.858	ng	97
85) Di-n-octyl phthalate	14.569	149	449555	59.363	ng	100
87) Indeno(1,2,3-cd)pyrene	16.974	276	277297	42.932	ng	98
88) Benzo(b)fluoranthene	15.021	252	324785	54.358	ng	99
89) Benzo(k)fluoranthene	15.051	252	266860	47.267	ng	98
90) Benzo(a)pyrene	15.398	252	255939	50.747	ng	97
91) Dibenzo(a,h)anthracene	16.986	278	221769	41.852	ng	97
92) Benzo(g,h,i)perylene	17.433	276	219351	40.417	ng	99

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

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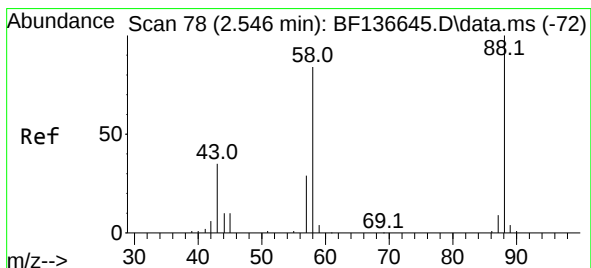
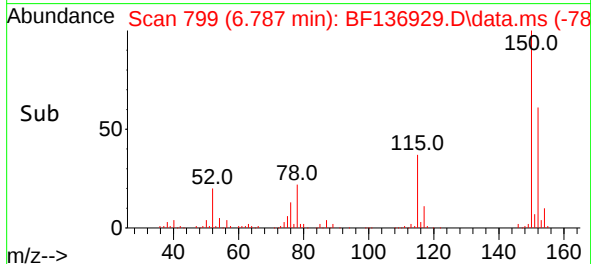
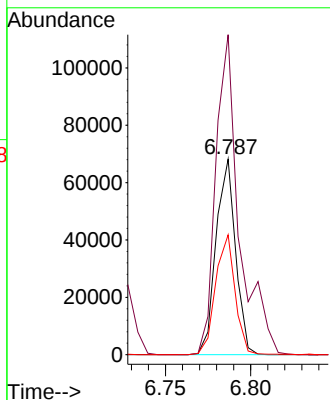
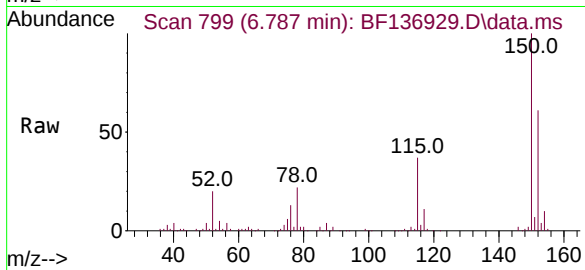




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF136929.D
 Acq: 04 Jan 2024 02:38

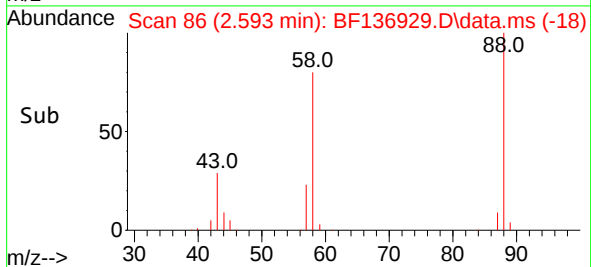
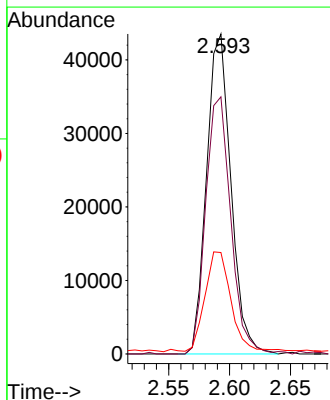
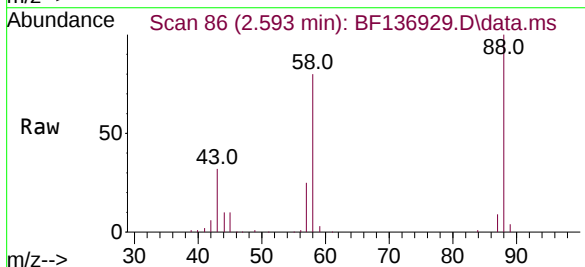
Instrument :
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 BU-02-12282023MS

Tgt Ion:152 Resp: 54317
 Ion Ratio Lower Upper
 152 100
 150 163.7 127.0 190.6
 115 61.3 49.0 73.4



#2
 1,4-Dioxane
 Concen: 41.712 ng
 RT: 2.593 min Scan# 86
 Delta R.T. 0.047 min
 Lab File: BF136929.D
 Acq: 04 Jan 2024 02:38

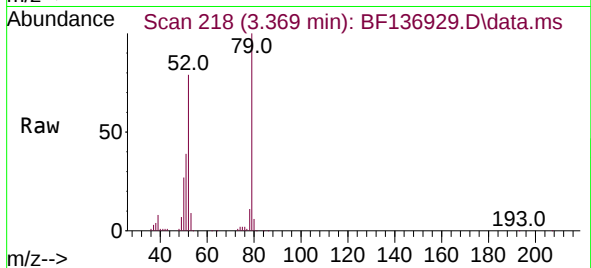
Tgt Ion: 88 Resp: 60502
 Ion Ratio Lower Upper
 88 100
 58 82.7 67.4 101.0
 43 33.9 27.7 41.5



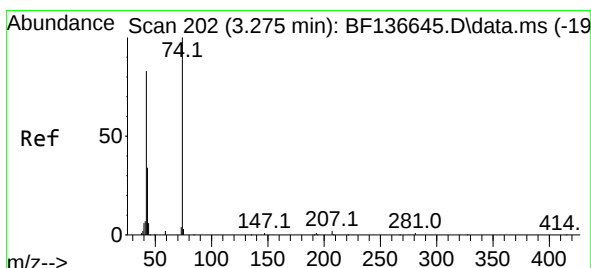
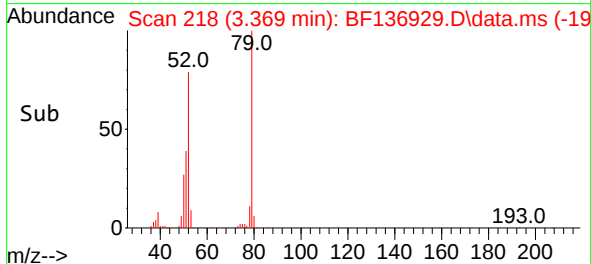
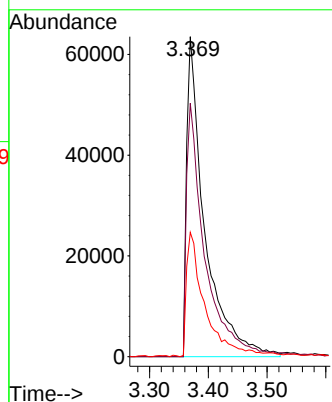


#3
Pyridine
Concen: 38.128 ng
RT: 3.369 min Scan# 21
Delta R.T. 0.065 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MS

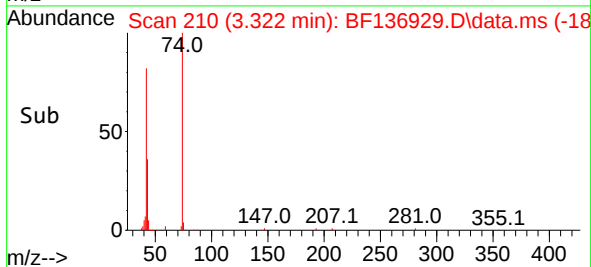
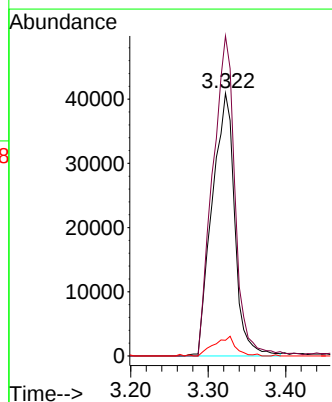
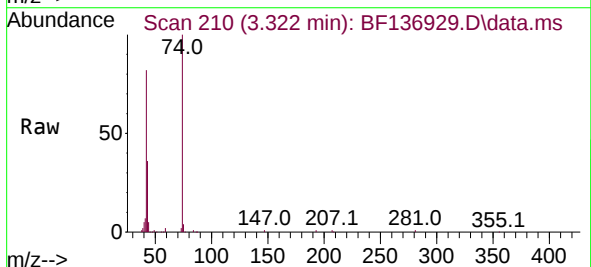


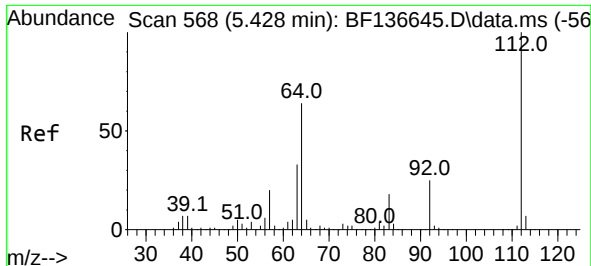
Tgt Ion: 79 Resp: 134936
Ion Ratio Lower Upper
79 100
52 79.2 67.7 101.5
51 38.9 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 43.730 ng
RT: 3.322 min Scan# 210
Delta R.T. 0.047 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

Tgt Ion: 42 Resp: 82646
Ion Ratio Lower Upper
42 100
74 121.8 96.0 144.0
44 6.0 5.4 8.2

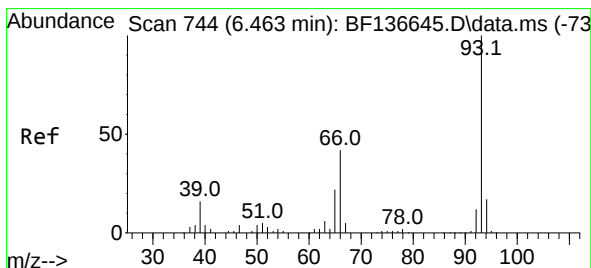
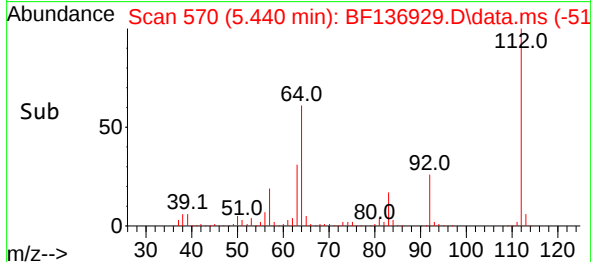
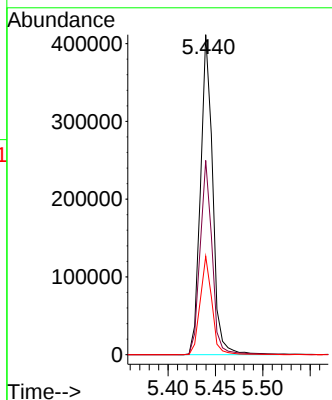
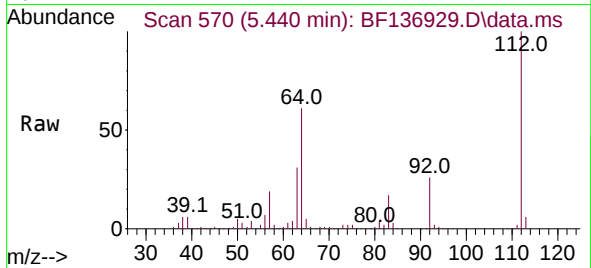




#5
2-Fluorophenol
Concen: 105.967 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

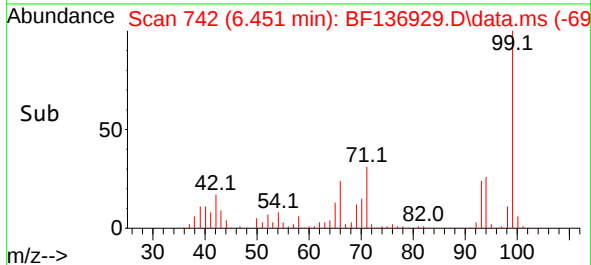
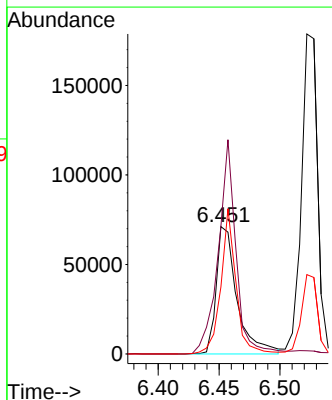
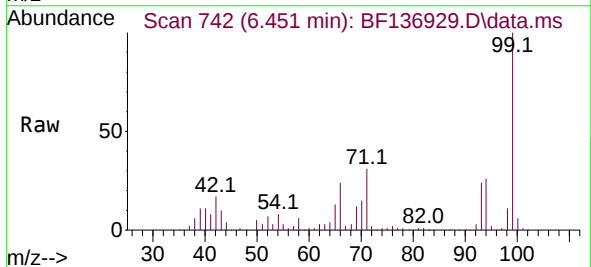
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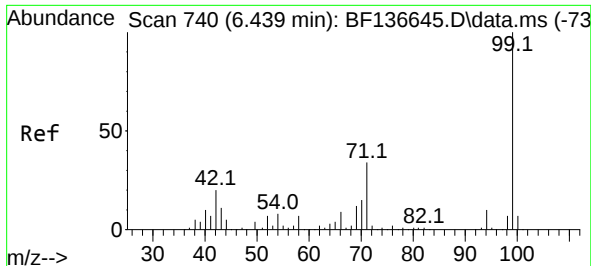
Tgt Ion:112 Resp: 368894
Ion Ratio Lower Upper
112 100
64 60.7 51.1 76.7
63 30.8 26.1 39.1



#6
Aniline
Concen: 18.824 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.011 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

Tgt Ion: 93 Resp: 84894
Ion Ratio Lower Upper
93 100
66 100.4 34.6 51.8#
65 52.7 17.8 26.8#





#7

Phenol-d6

Concen: 95.297 ng

RT: 6.446 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

Instrument :

BNA_F

ClientSampleId :

BU-02-12282023MS

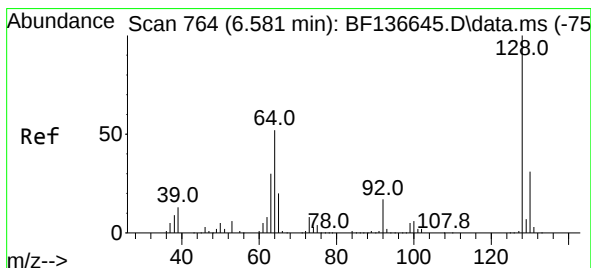
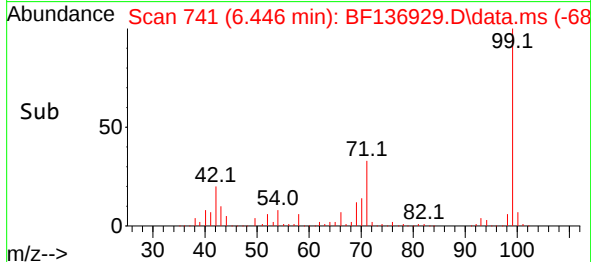
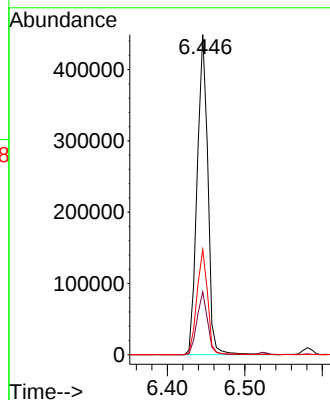
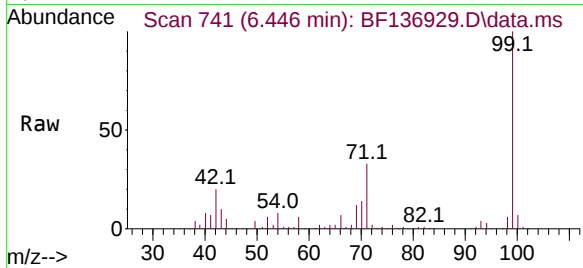
Tgt Ion: 99 Resp: 429867

Ion Ratio Lower Upper

99 100

42 19.6 16.1 24.1

71 32.8 27.4 41.2



#8

2-Chlorophenol

Concen: 43.247 ng

RT: 6.581 min Scan# 764

Delta R.T. 0.000 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

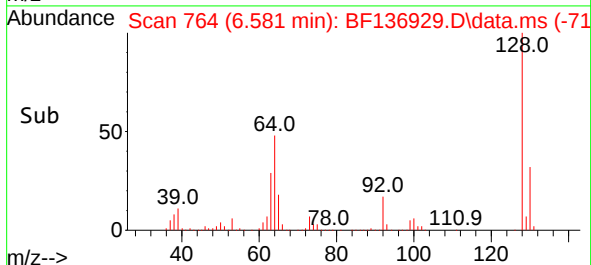
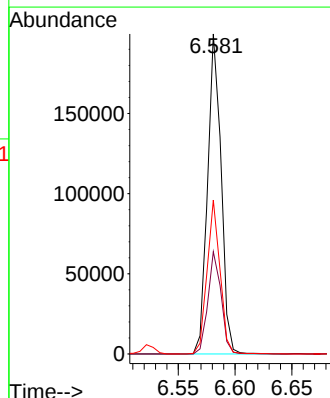
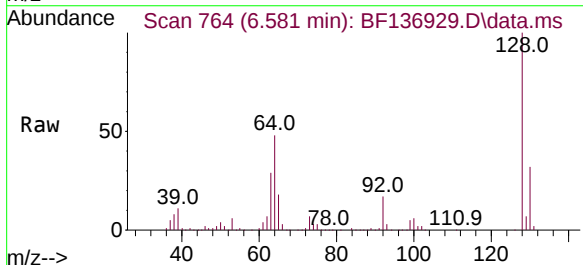
Tgt Ion:128 Resp: 164753

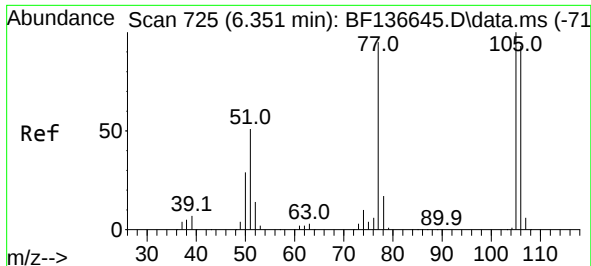
Ion Ratio Lower Upper

128 100

130 32.0 11.3 51.3

64 48.1 32.5 72.5





#9

Benzaldehyde

Concen: 12.640 ng

RT: 6.340 min Scan# 71

Delta R.T. -0.011 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

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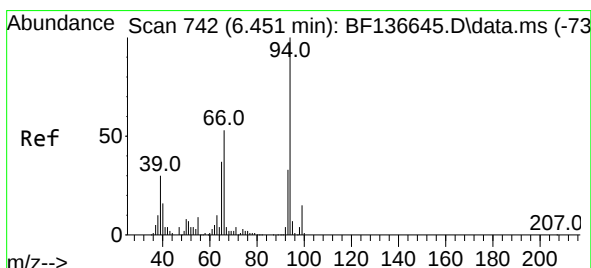
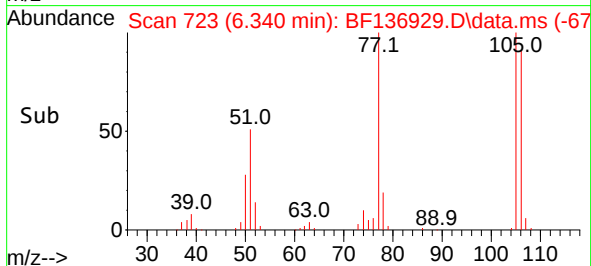
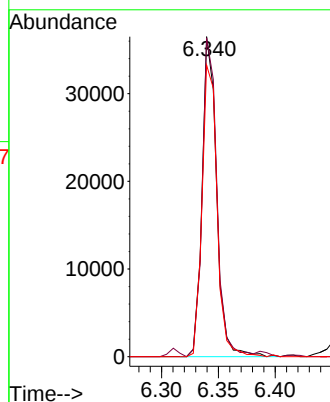
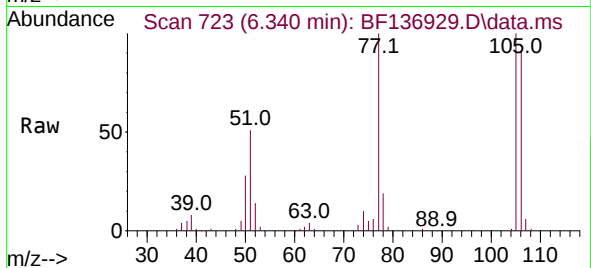
Tgt Ion: 77 Resp: 32431

Ion Ratio Lower Upper

77 100

105 99.6 84.8 124.8

106 91.1 77.8 117.8



#10

Phenol

Concen: 39.625 ng

RT: 6.457 min Scan# 743

Delta R.T. 0.006 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

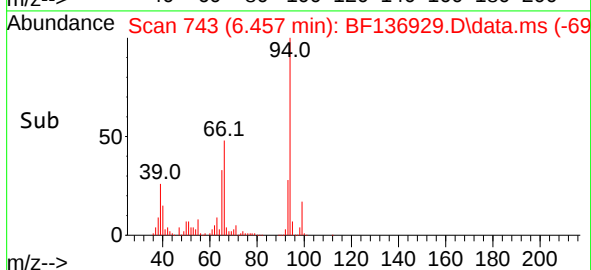
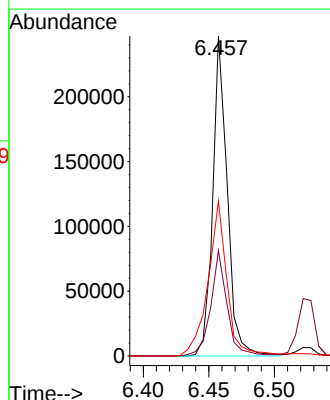
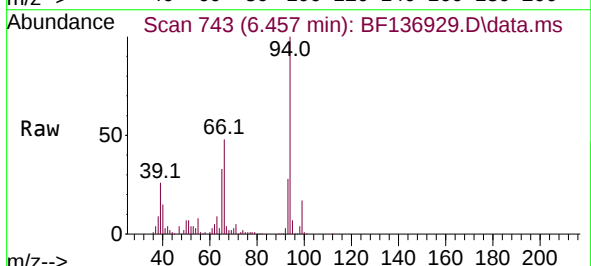
Tgt Ion: 94 Resp: 190806

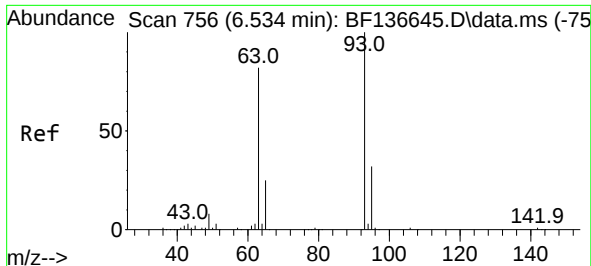
Ion Ratio Lower Upper

94 100

65 32.9 16.6 56.6

66 48.5 32.6 72.6



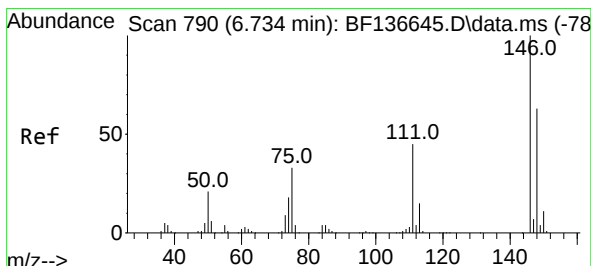
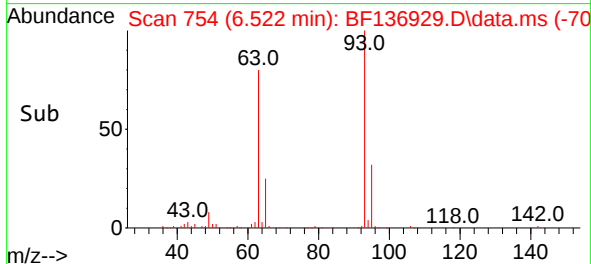
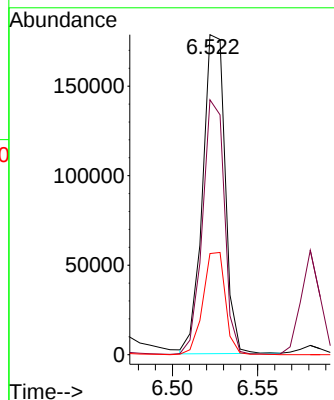
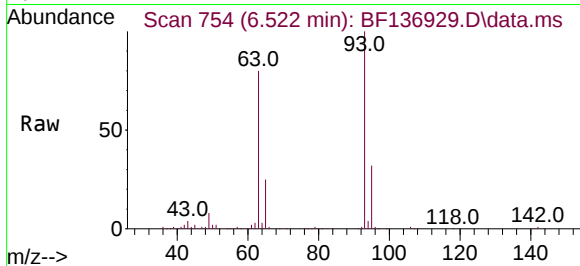


#11
bis(2-Chloroethyl)ether
Concen: 44.526 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.011 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MS

Tgt Ion: 93 Resp: 163055

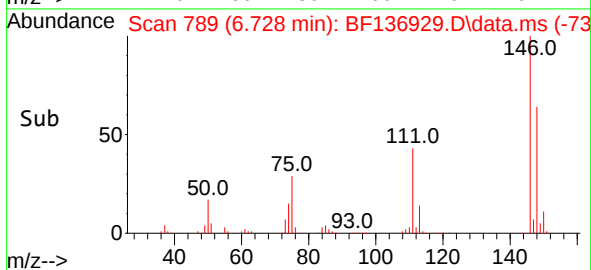
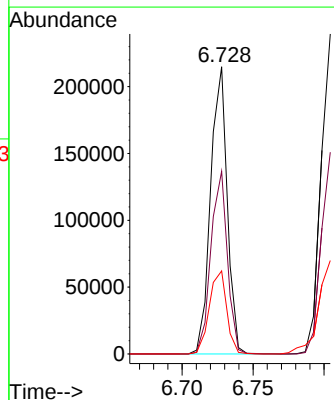
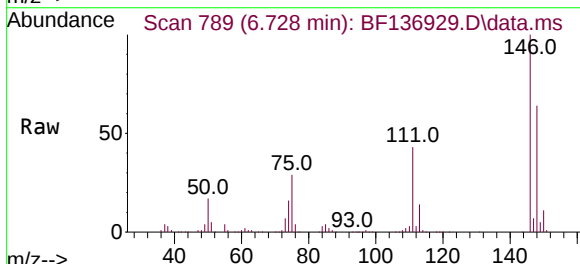
Ion	Ratio	Lower	Upper
93	100		
63	79.7	61.2	101.2
95	31.6	11.6	51.6

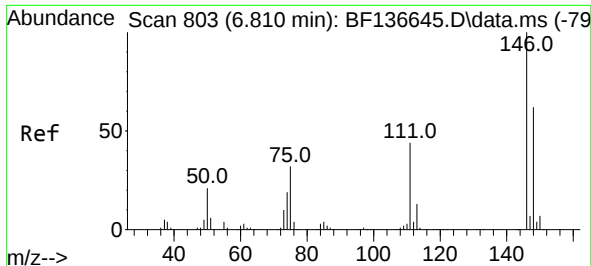


#12
1,3-Dichlorobenzene
Concen: 42.019 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

Tgt Ion: 146 Resp: 174626

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.5	75.7
75	28.9	26.2	39.4





#13

1,4-Dichlorobenzene

Concen: 42.367 ng

RT: 6.804 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

Instrument :

BNA_F

ClientSampleId :

BU-02-12282023MS

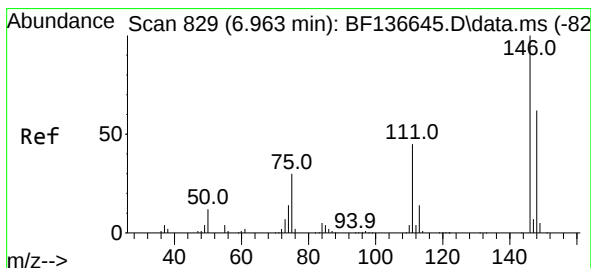
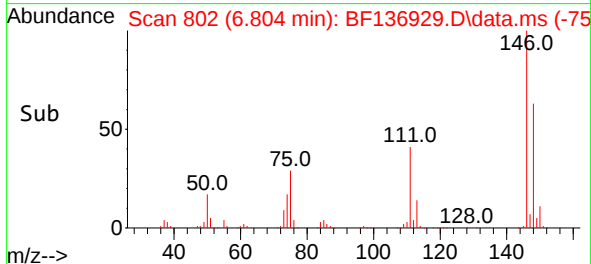
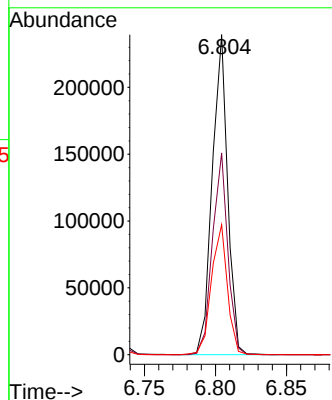
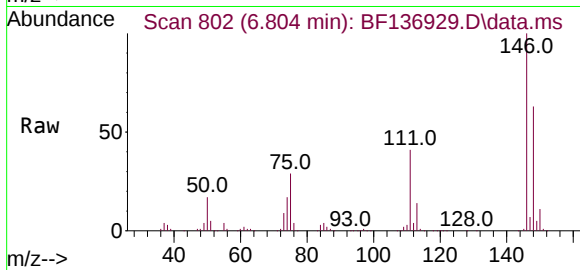
Tgt Ion:146 Resp: 179905

Ion Ratio Lower Upper

146 100

148 63.1 49.2 73.8

111 40.6 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 41.663 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

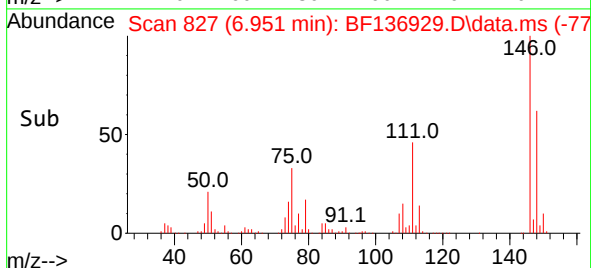
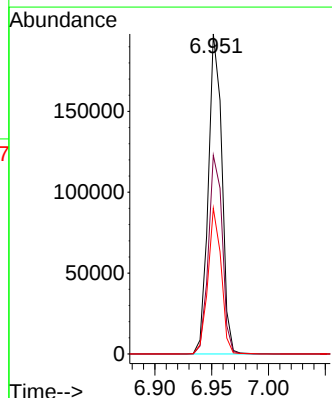
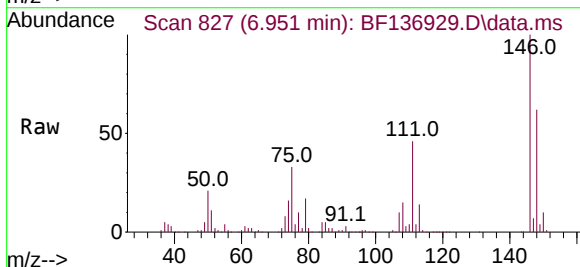
Tgt Ion:146 Resp: 164624

Ion Ratio Lower Upper

146 100

148 62.1 49.6 74.4

111 45.6 36.2 54.2

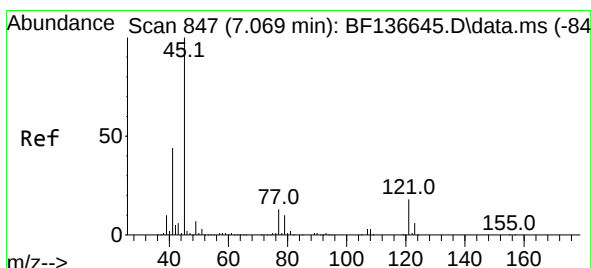
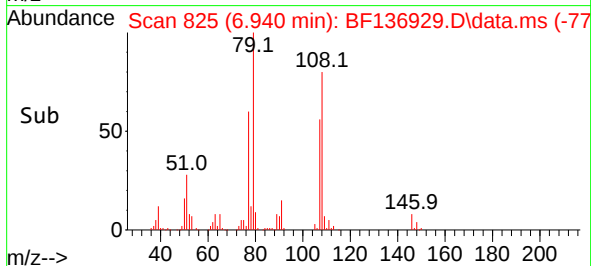
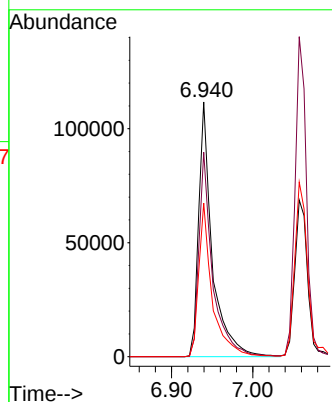
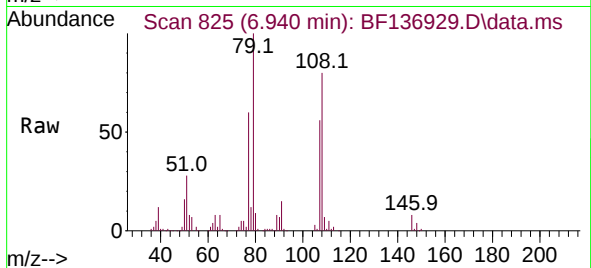




#15
Benzyl Alcohol
Concen: 42.942 ng
RT: 6.940 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

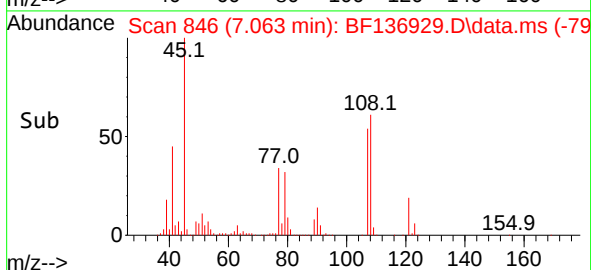
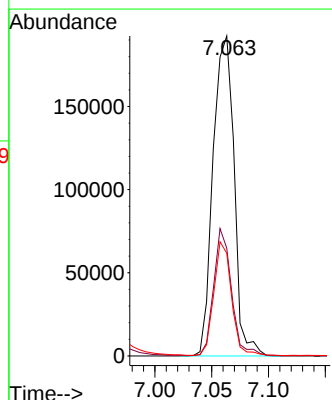
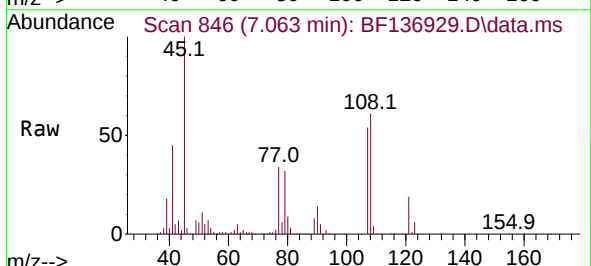
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MS

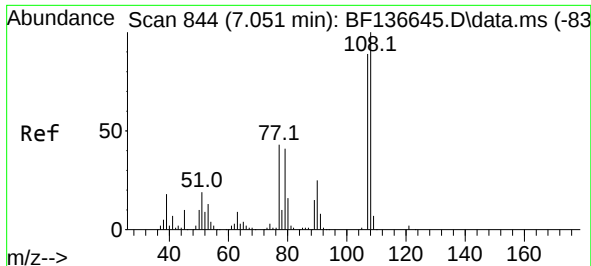
Tgt Ion: 79 Resp: 130681
Ion Ratio Lower Upper
79 100
108 80.3 61.0 91.6
77 60.3 49.8 74.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.421 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

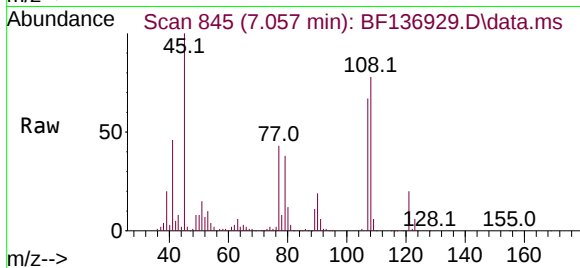
Tgt Ion: 45 Resp: 247991
Ion Ratio Lower Upper
45 100
77 33.7 0.0 34.3
79 32.1 0.0 31.4#



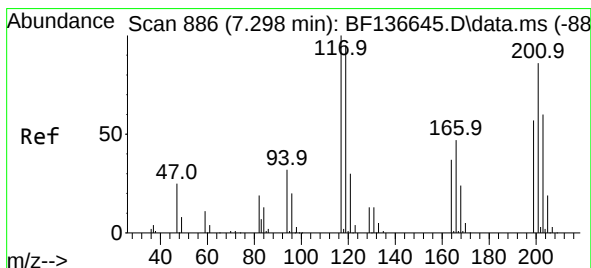
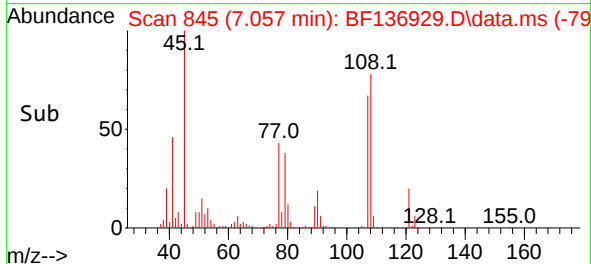
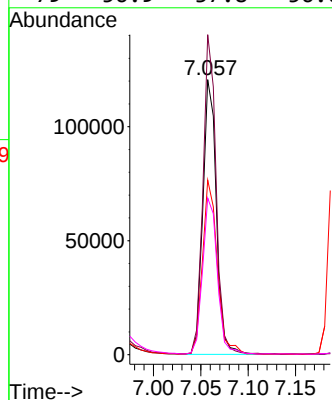


#17
2-Methylphenol
Concen: 37.922 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MS

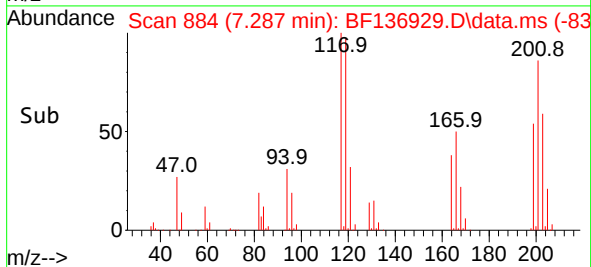
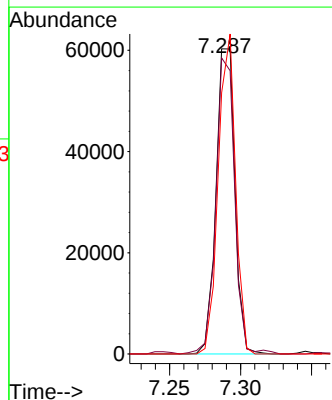
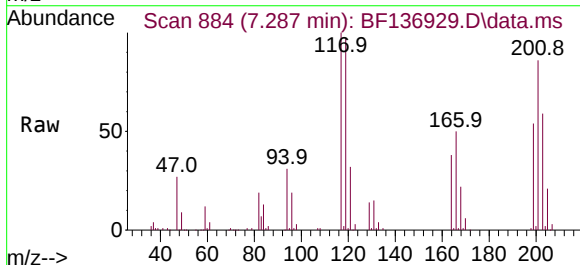


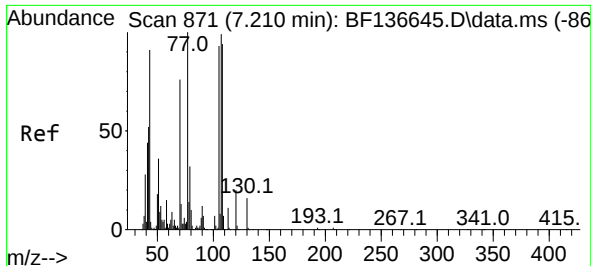
Tgt Ion:107 Resp: 119683
Ion Ratio Lower Upper
107 100
108 116.3 90.3 135.5
77 63.5 38.7 58.1#
79 56.9 37.8 56.6#



#18
Hexachloroethane
Concen: 36.152 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.011 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

Tgt Ion:117 Resp: 55752
Ion Ratio Lower Upper
117 100
119 97.0 75.8 113.6
201 85.6 69.1 103.7

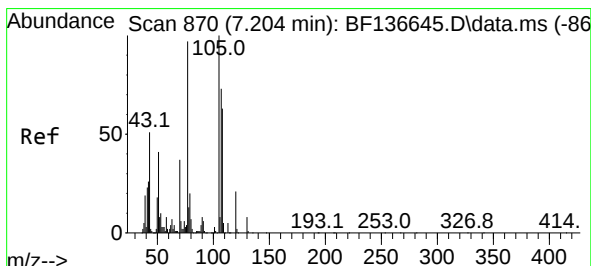
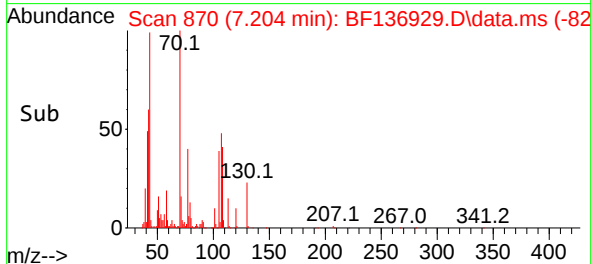
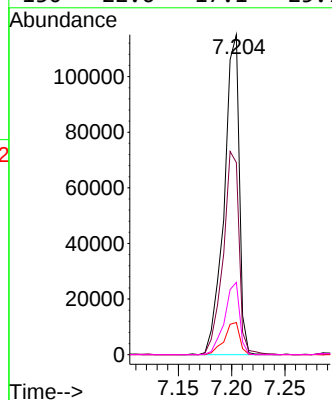
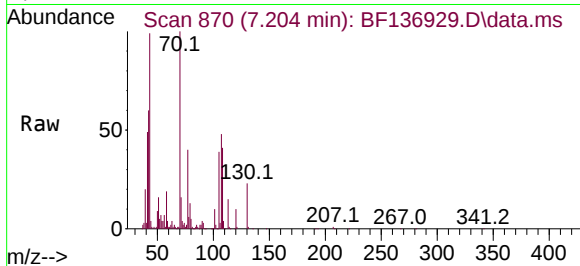




#19
n-Nitroso-di-n-propylamine
Concen: 41.428 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

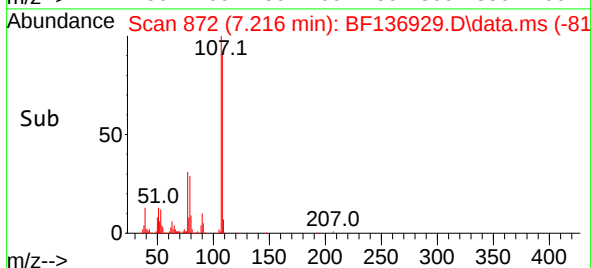
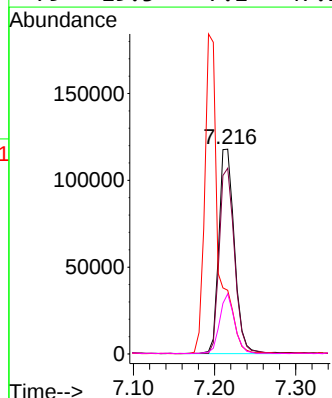
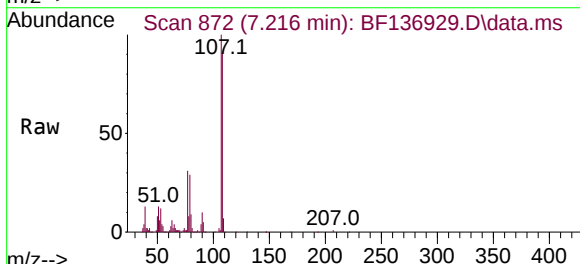
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MS

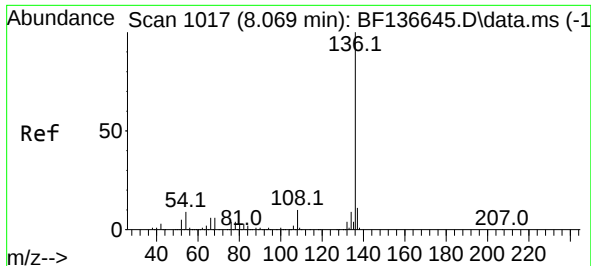
Tgt Ion: 70 Resp: 113281
Ion Ratio Lower Upper
70 100
42 60.0 54.2 81.4
101 10.1 7.6 11.4
130 22.6 17.1 25.7



#20
3+4-Methylphenols
Concen: 39.855 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.012 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

Tgt Ion: 107 Resp: 157140
Ion Ratio Lower Upper
107 100
108 90.7 66.0 106.0
77 31.1 114.2 154.2#
79 29.3 7.2 47.2

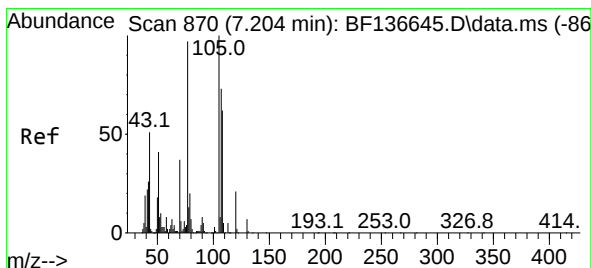
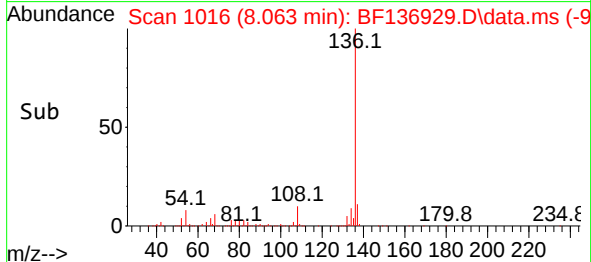
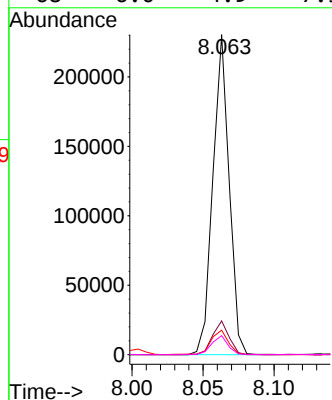
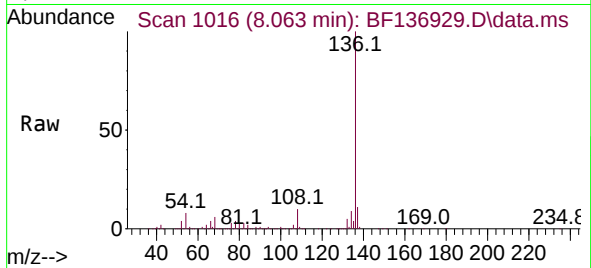




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

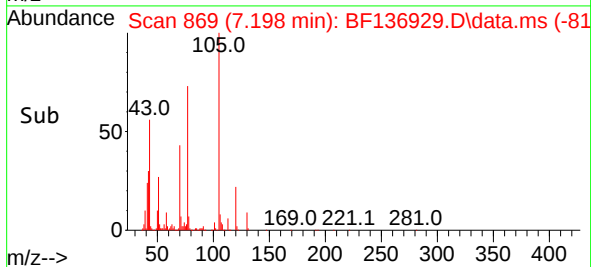
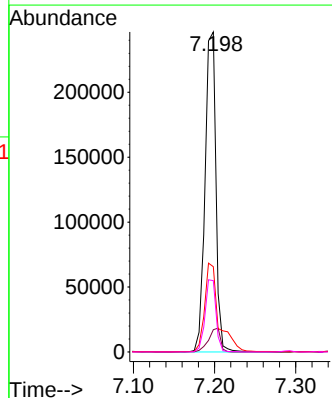
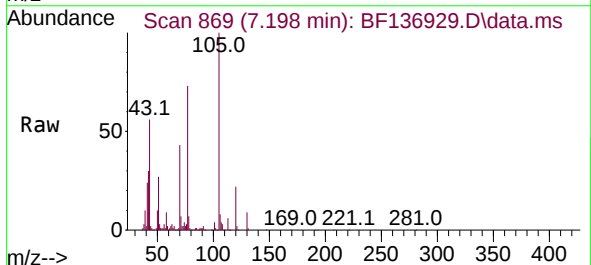
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MS

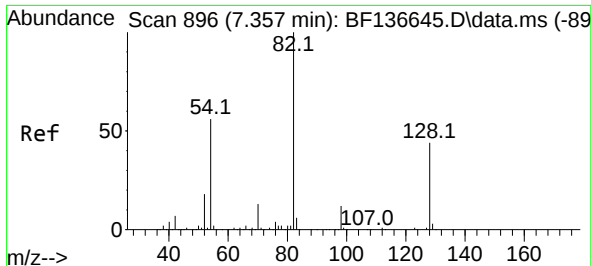
Tgt Ion:	136	Resp:	183232
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	7.7	7.2	10.8
68	6.0	4.9	7.3



#22
Acetophenone
Concen: 49.892 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

Tgt Ion:	105	Resp:	229139
Ion	Ratio	Lower	Upper
105	100		
71	7.0	4.8	7.2
51	26.6	32.8	49.2#
120	22.3	17.0	25.6





#23

Nitrobenzene-d5

Concen: 73.101 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

Instrument :

BNA_F

ClientSampleId :

BU-02-12282023MS

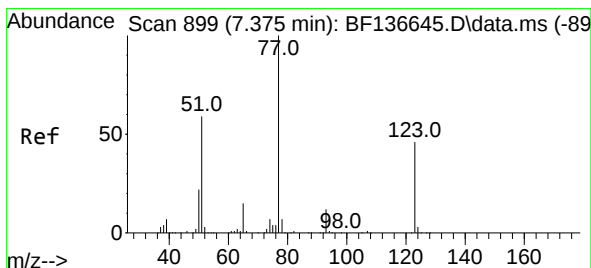
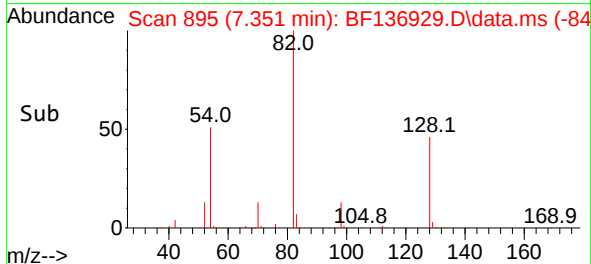
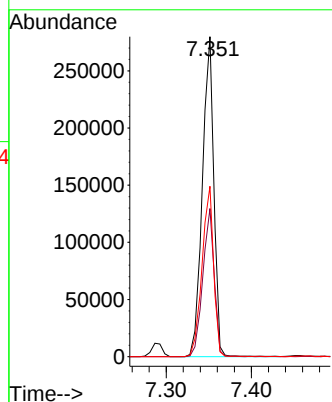
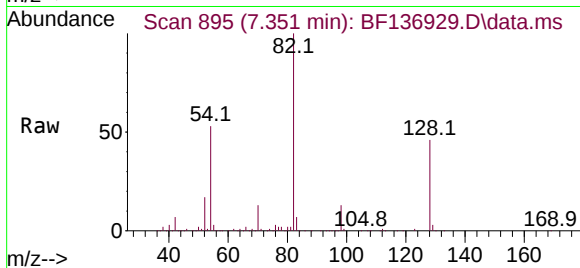
Tgt Ion: 82 Resp: 261759

Ion Ratio Lower Upper

82 100

128 46.3 35.3 52.9

54 53.3 44.5 66.7



#24

Nitrobenzene

Concen: 42.814 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

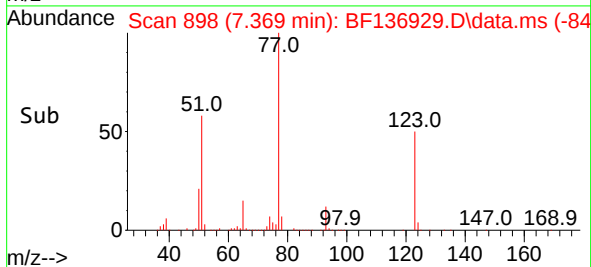
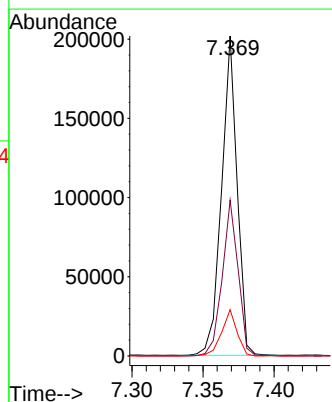
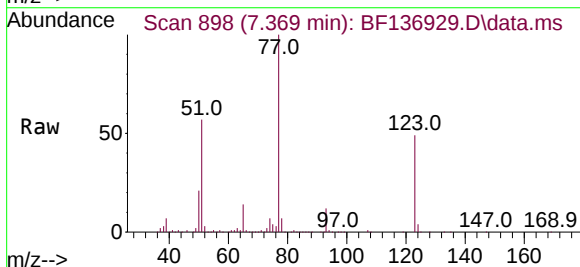
Tgt Ion: 77 Resp: 153573

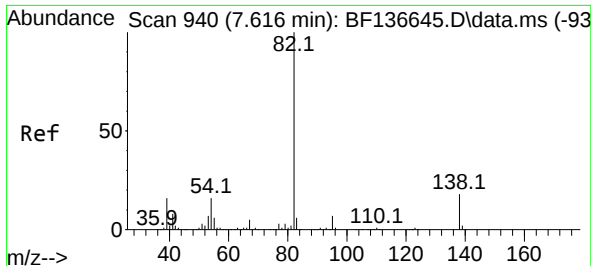
Ion Ratio Lower Upper

77 100

123 48.7 36.7 55.1

65 14.5 11.8 17.6

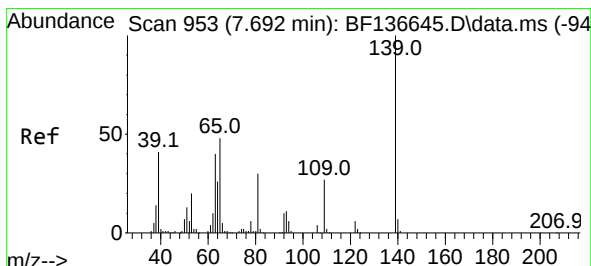
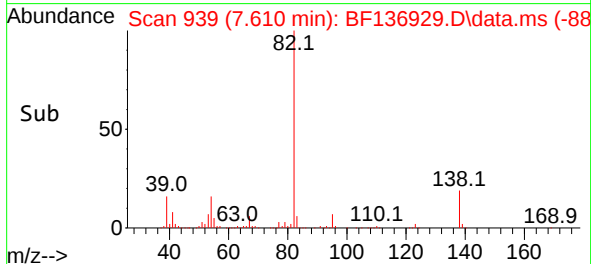
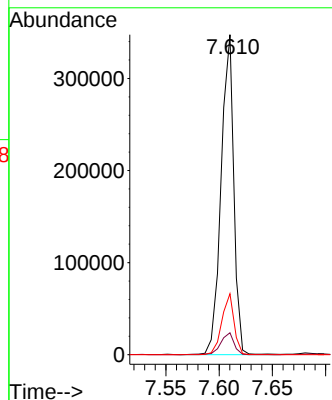
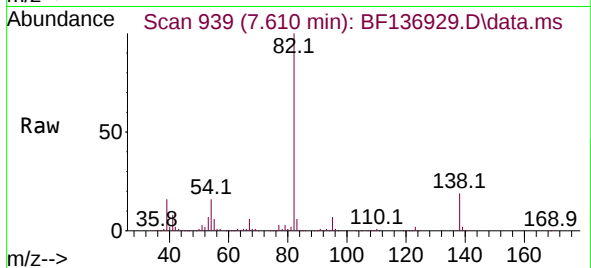




#25
Isophorone
Concen: 44.149 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

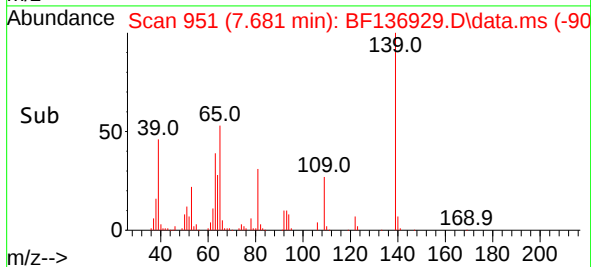
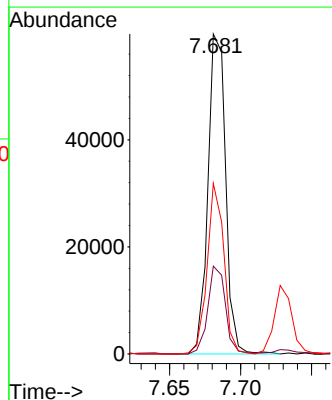
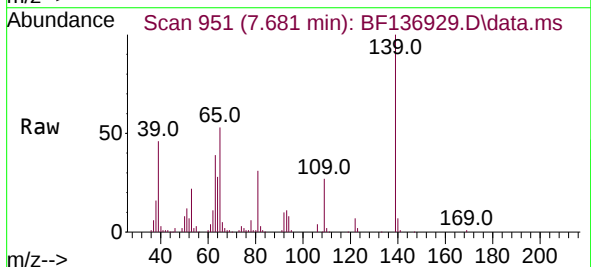
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MS

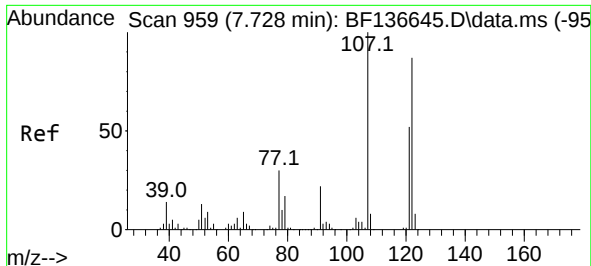
Tgt Ion: 82 Resp: 287659
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 19.0 14.5 21.7



#26
2-Nitrophenol
Concen: 30.333 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.011 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

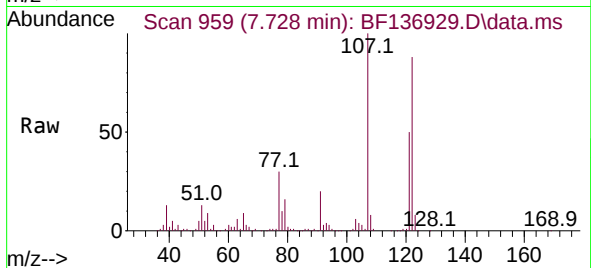
Tgt Ion:139 Resp: 52057
Ion Ratio Lower Upper
139 100
109 27.4 21.9 32.9
65 53.3 38.6 58.0



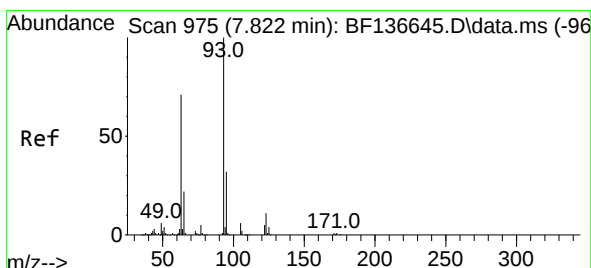
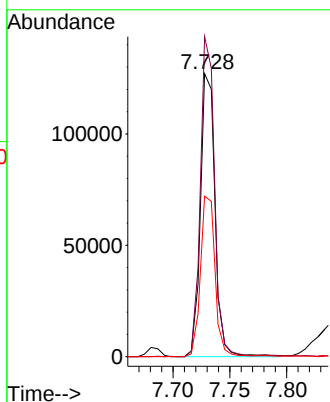
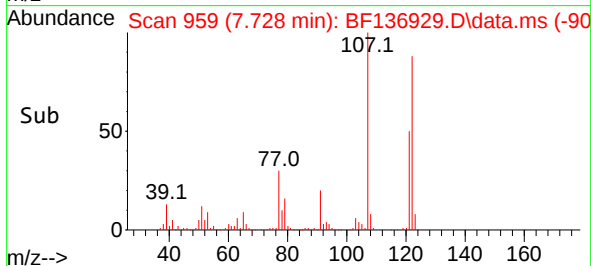


#27
2,4-Dimethylphenol
Concen: 54.273 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

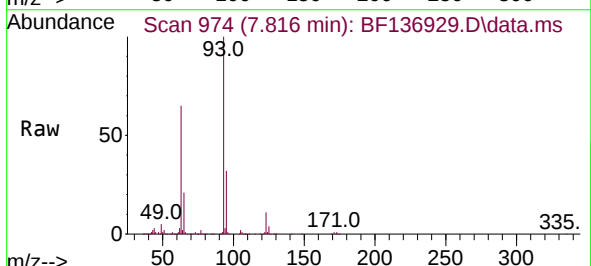
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MS



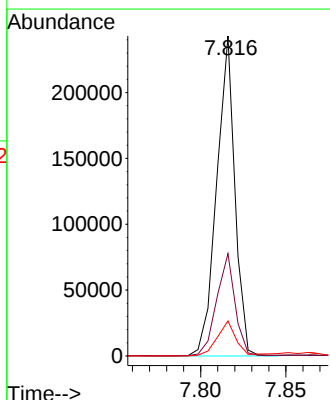
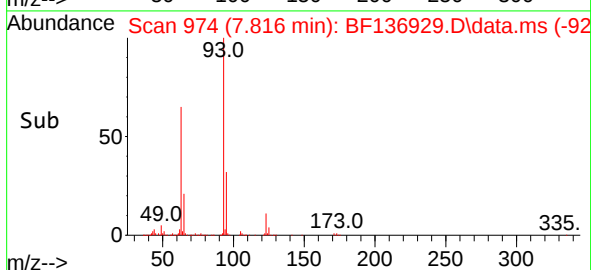
Tgt Ion:122 Resp: 113395
Ion Ratio Lower Upper
122 100
107 113.1 92.0 138.0
121 56.7 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 45.732 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38



Tgt Ion: 93 Resp: 181122
Ion Ratio Lower Upper
93 100
95 32.0 25.5 38.3
123 10.9 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 40.816 ng

RT: 7.934 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF136929.D

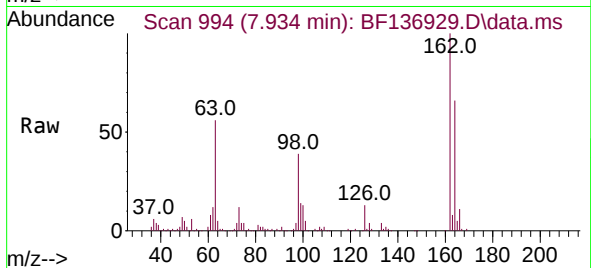
Acq: 04 Jan 2024 02:38

Instrument :

BNA_F

ClientSampleId :

BU-02-12282023MS



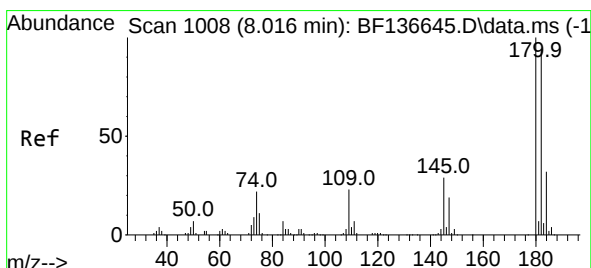
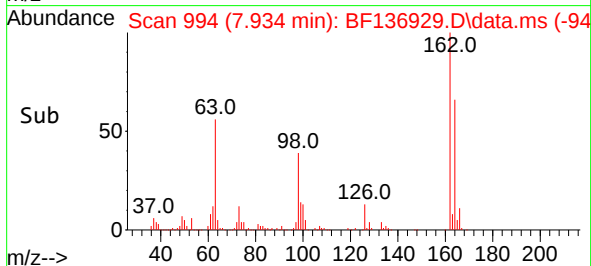
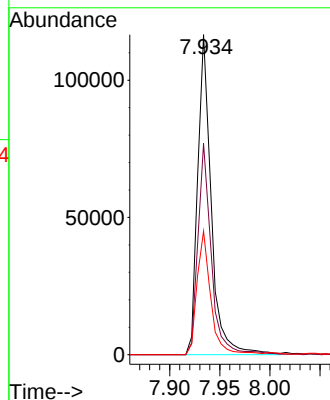
Tgt Ion:162 Resp: 109789

Ion Ratio Lower Upper

162 100

164 66.0 41.7 81.7

98 38.6 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 44.055 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.011 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

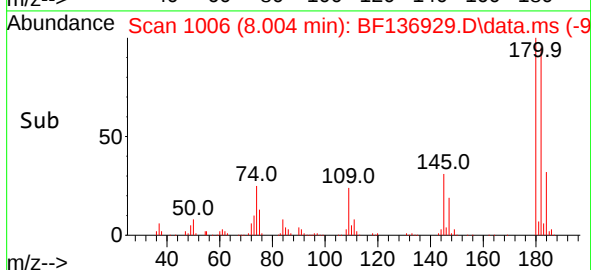
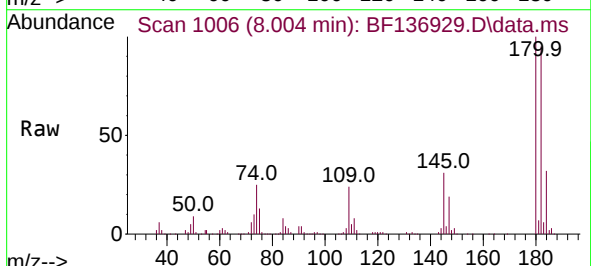
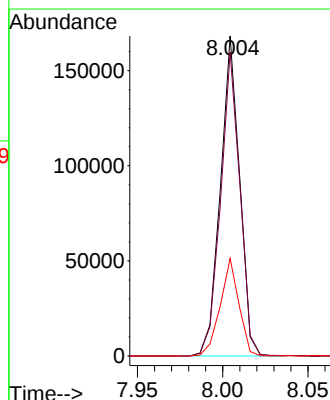
Tgt Ion:180 Resp: 132032

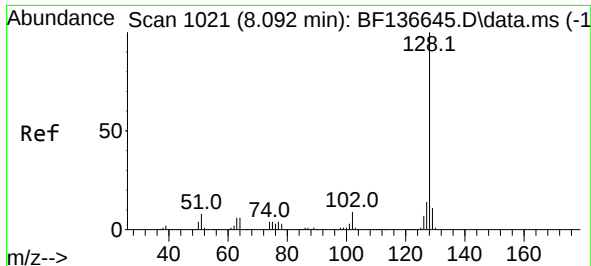
Ion Ratio Lower Upper

180 100

182 95.0 75.4 113.0

145 30.5 23.1 34.7

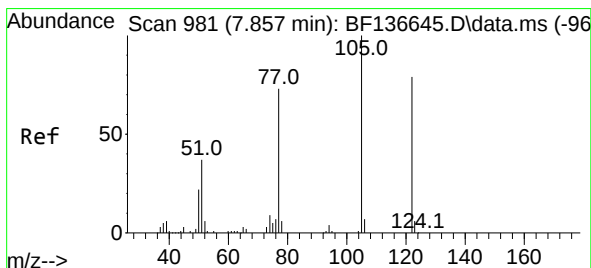
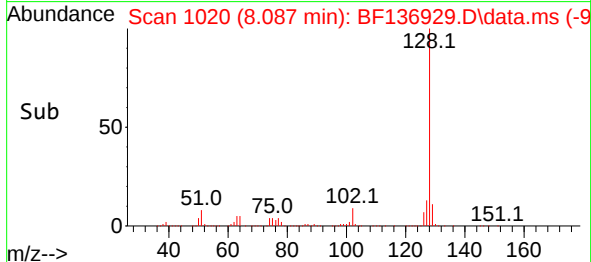
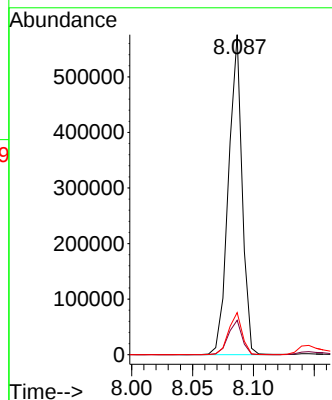
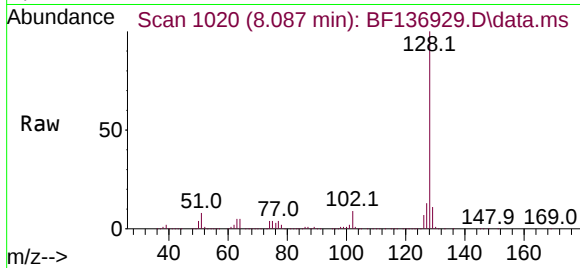




#31
Naphthalene
Concen: 44.733 ng
RT: 8.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

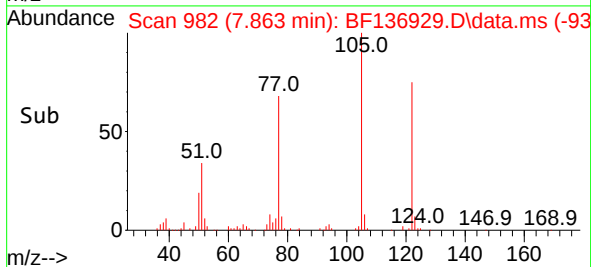
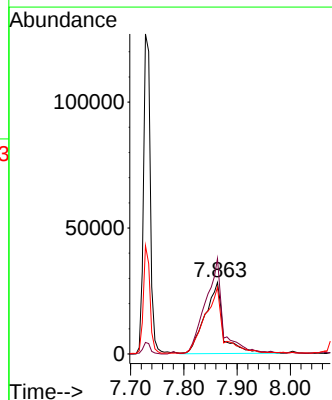
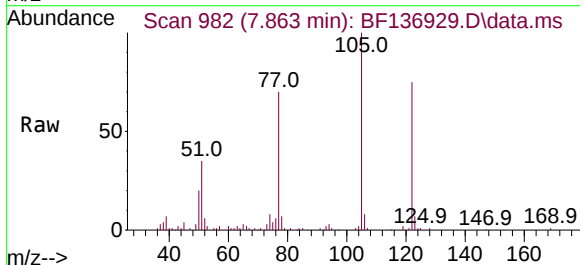
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MS

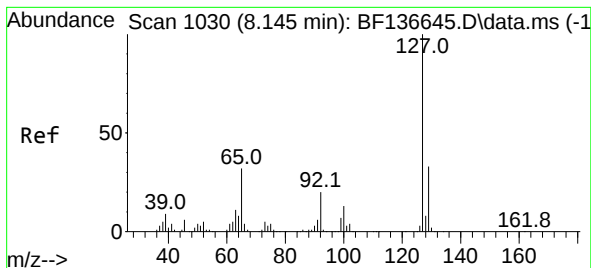
Tgt Ion:128 Resp: 450299
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 33.567 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

Tgt Ion:122 Resp: 67859
Ion Ratio Lower Upper
122 100
105 133.4 100.8 140.8
77 93.4 70.9 110.9





#33

4-Chloroaniline

Concen: 8.061 ng

RT: 8.145 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

Instrument :

BNA_F

ClientSampleId :

BU-02-12282023MS

Tgt Ion:127 Resp: 29960

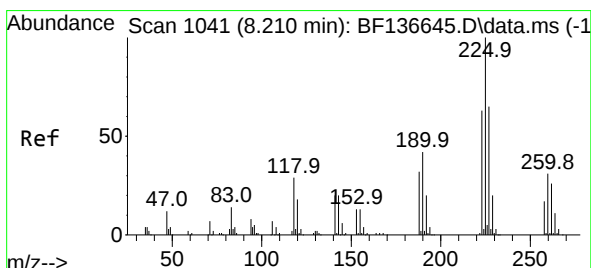
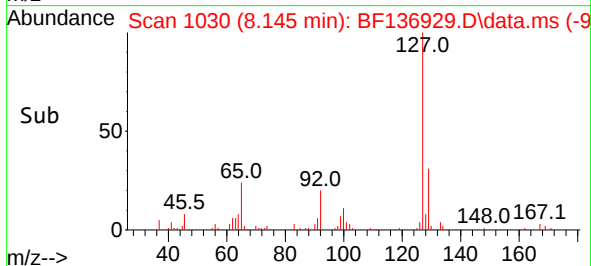
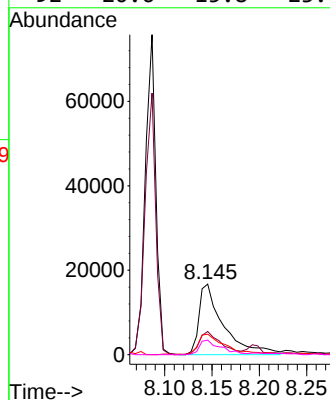
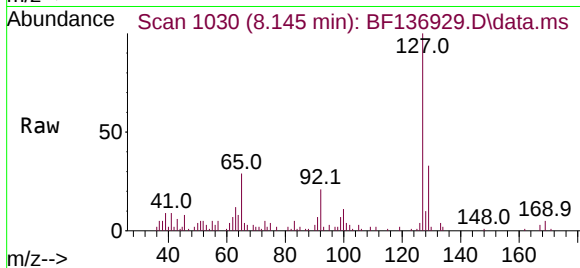
Ion Ratio Lower Upper

127 100

129 33.0 26.3 39.5

65 29.0 25.8 38.8

92 20.6 15.8 23.6



#34

Hexachlorobutadiene

Concen: 43.704 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.011 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

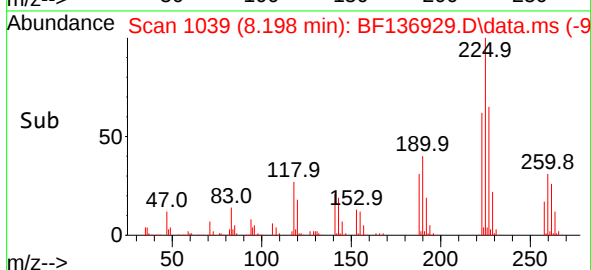
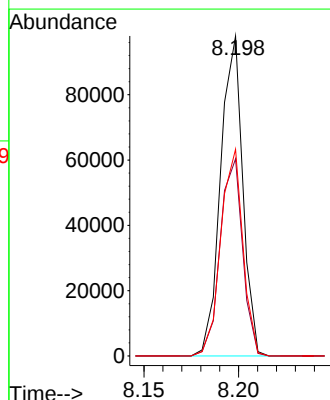
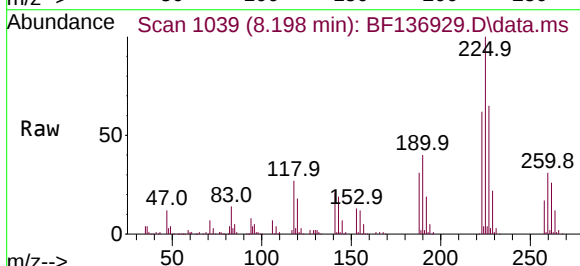
Tgt Ion:225 Resp: 79580

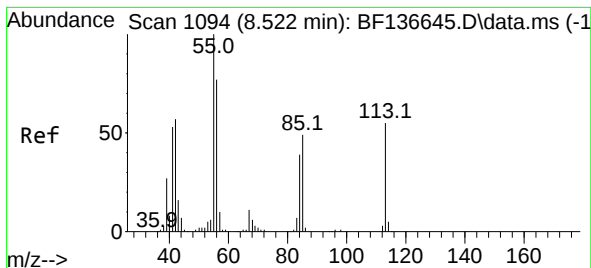
Ion Ratio Lower Upper

225 100

223 61.6 50.6 76.0

227 64.6 51.9 77.9





#35

Caprolactam

Concen: 37.687 ng

RT: 8.522 min Scan# 1109

Delta R.T. 0.000 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

Instrument :

BNA_F

ClientSampleId :

BU-02-12282023MS

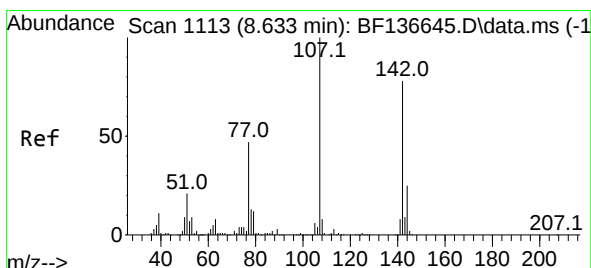
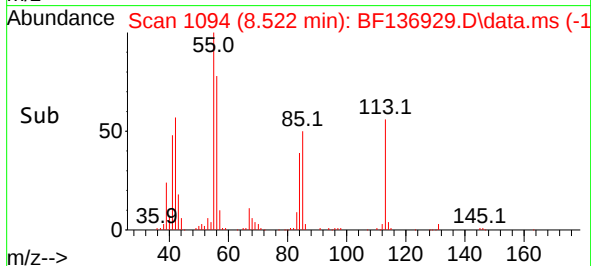
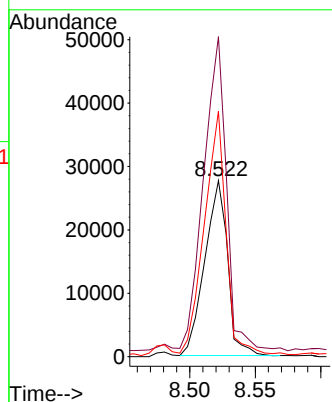
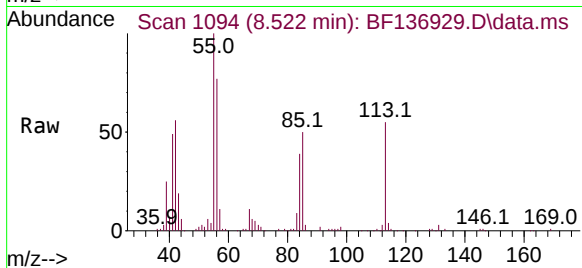
Tgt Ion:113 Resp: 33442

Ion Ratio Lower Upper

113 100

55 181.7 163.1 203.1

56 139.5 121.7 161.7



#36

4-Chloro-3-methylphenol

Concen: 36.436 ng

RT: 8.640 min Scan# 1114

Delta R.T. 0.006 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

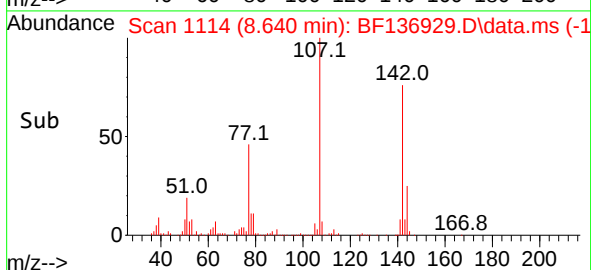
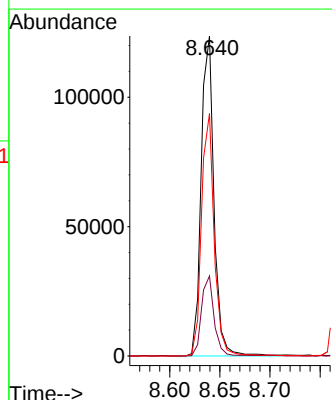
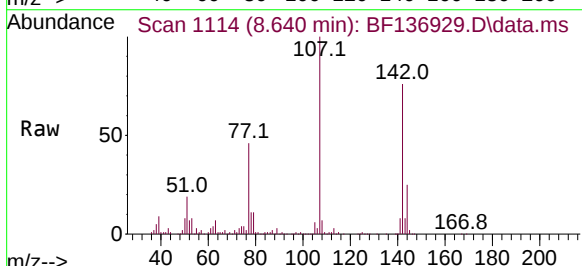
Tgt Ion:107 Resp: 110335

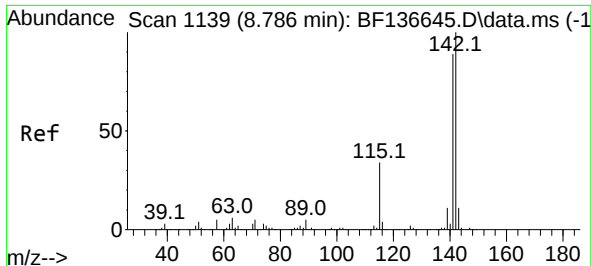
Ion Ratio Lower Upper

107 100

144 25.0 20.2 30.2

142 75.8 62.3 93.5

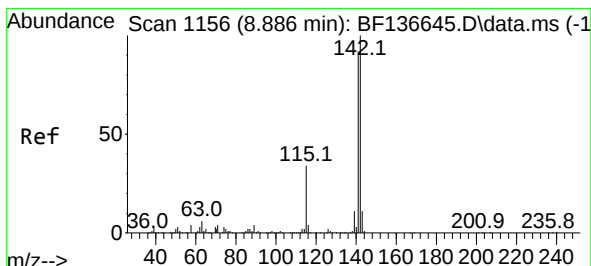
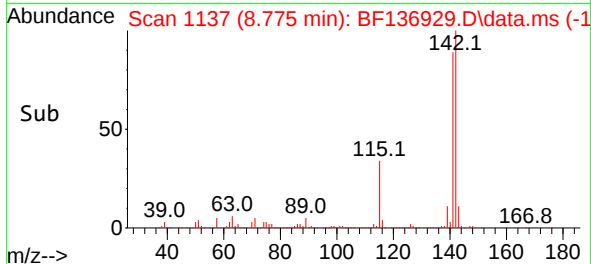
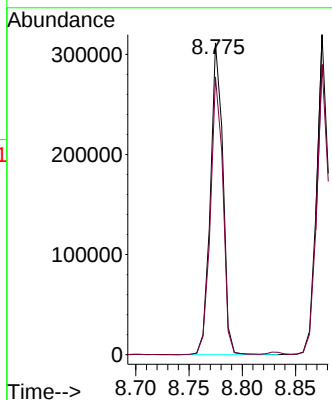
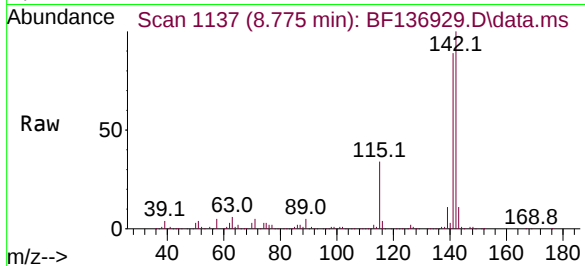




#37
2-Methylnaphthalene
Concen: 39.194 ng
RT: 8.775 min Scan# 1139
Delta R.T. -0.011 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

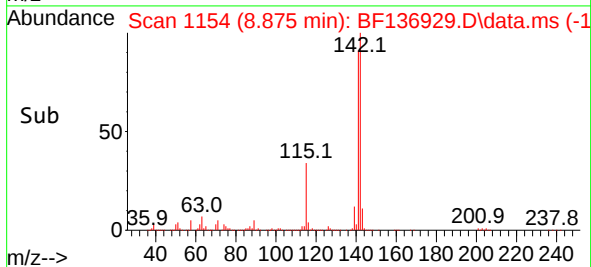
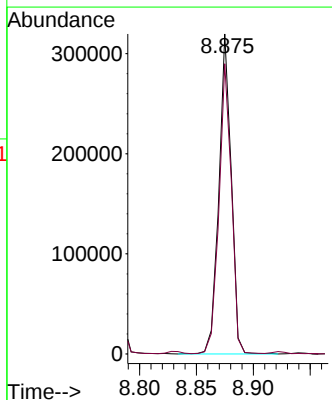
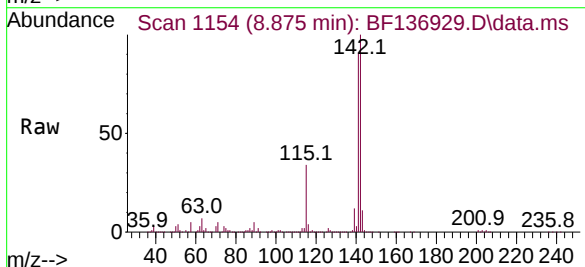
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MS

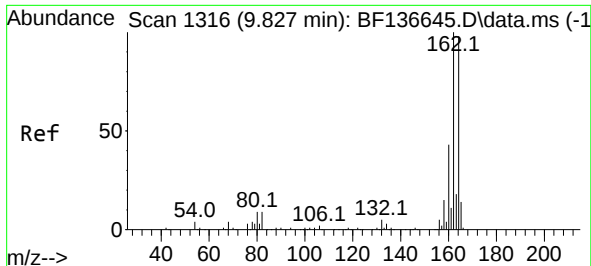
Tgt Ion:142 Resp: 253913
Ion Ratio Lower Upper
142 100
141 89.1 71.1 106.7



#38
1-Methylnaphthalene
Concen: 38.174 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

Tgt Ion:142 Resp: 242628
Ion Ratio Lower Upper
142 100
141 90.7 73.6 110.4

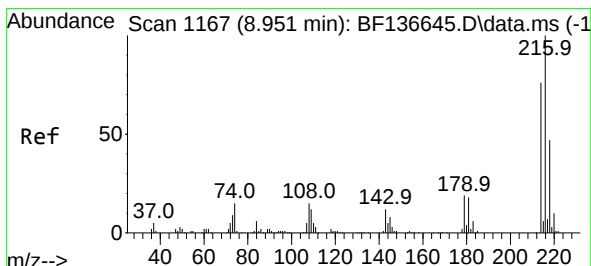
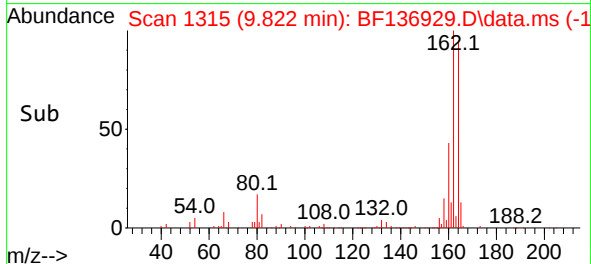
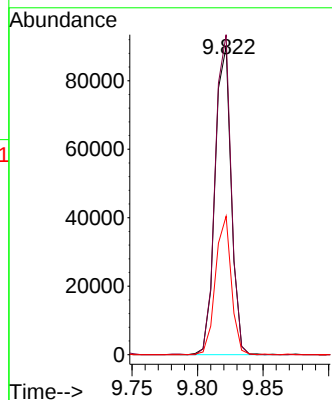
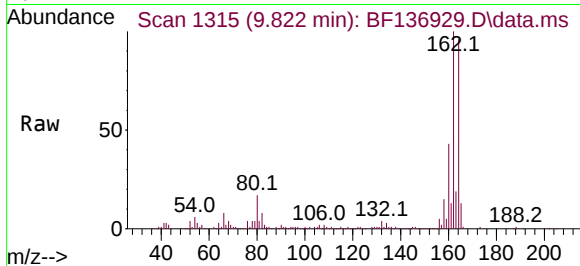




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

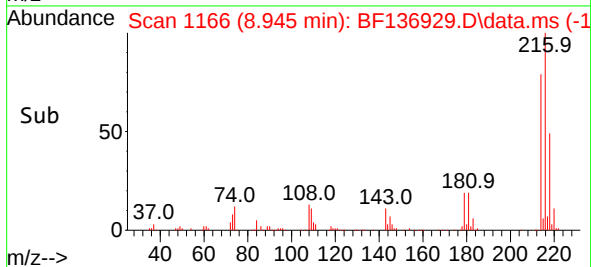
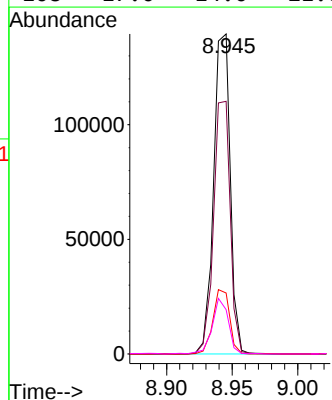
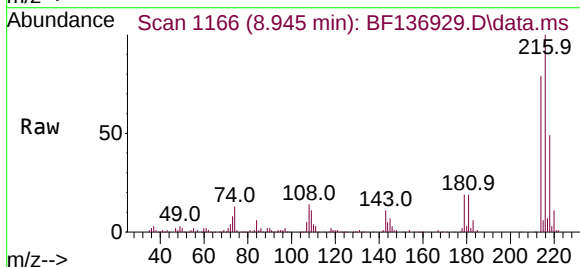
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MS

Tgt Ion:164 Resp: 77261
Ion Ratio Lower Upper
164 100
162 103.9 81.6 122.4
160 45.0 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.460 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

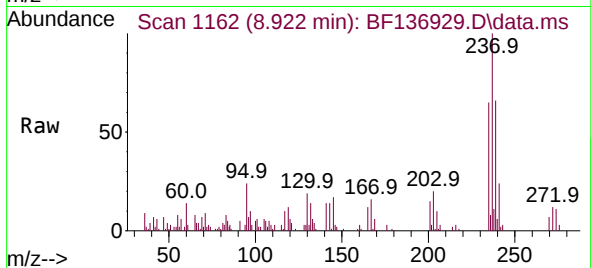
Tgt Ion:216 Resp: 123131
Ion Ratio Lower Upper
216 100
214 79.2 62.3 93.5
179 20.1 16.4 24.6
108 17.0 14.0 21.0



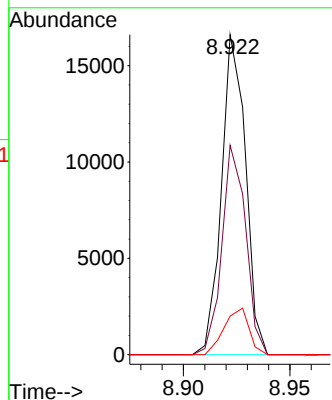
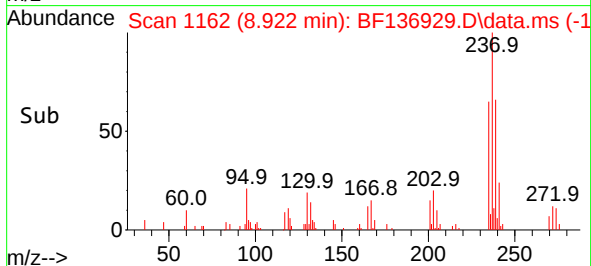


#41
Hexachlorocyclopentadiene
Concen: 20.954 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.011 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

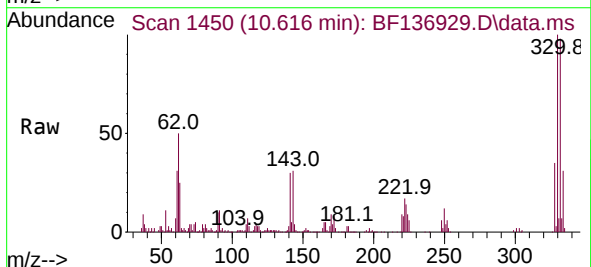
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MS



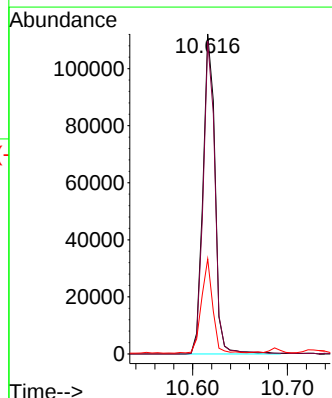
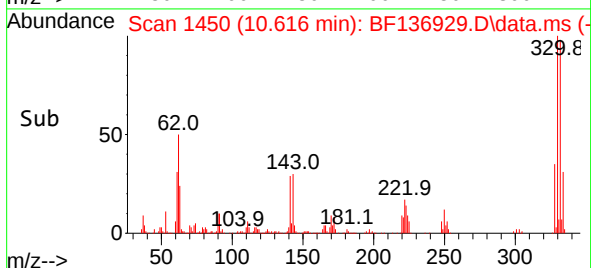
Tgt Ion:237 Resp: 13048
Ion Ratio Lower Upper
237 100
235 65.4 43.2 83.2
272 12.1 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 109.069 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38



Tgt Ion:330 Resp: 99244
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 27.6 23.4 35.2

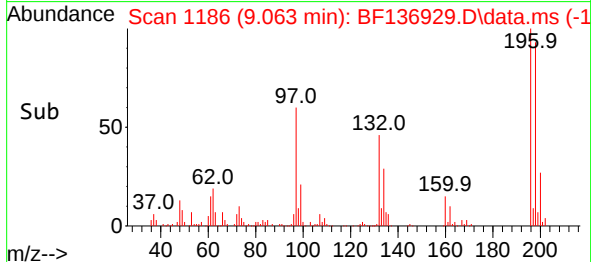
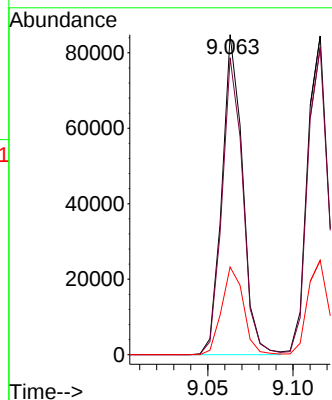
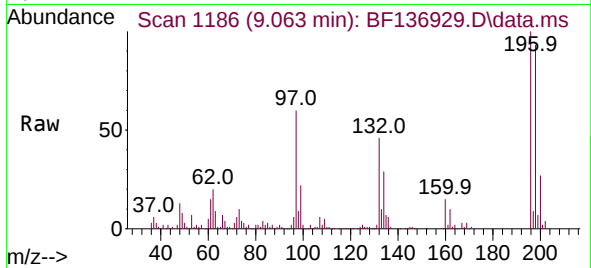




#43
2,4,6-Trichlorophenol
Concen: 46.608 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

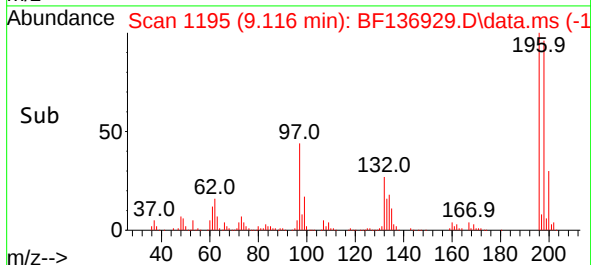
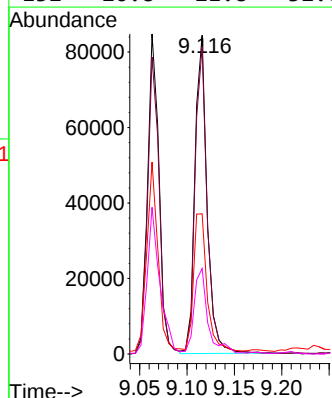
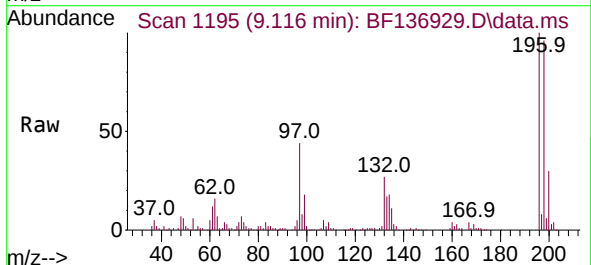
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MS

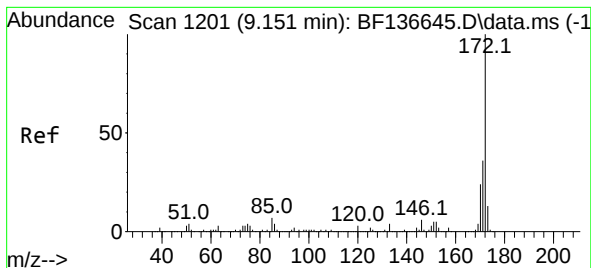
Tgt Ion:196 Resp: 71520
Ion Ratio Lower Upper
196 100
198 92.8 75.1 112.7
200 27.4 22.5 33.7



#44
2,4,5-Trichlorophenol
Concen: 44.204 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

Tgt Ion:196 Resp: 75588
Ion Ratio Lower Upper
196 100
198 96.4 77.0 115.6
97 44.0 36.1 54.1
132 26.8 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 77.655 ng

RT: 9.140 min Scan# 1199

Delta R.T. -0.011 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

Instrument :

BNA_F

ClientSampleId :

BU-02-12282023MS

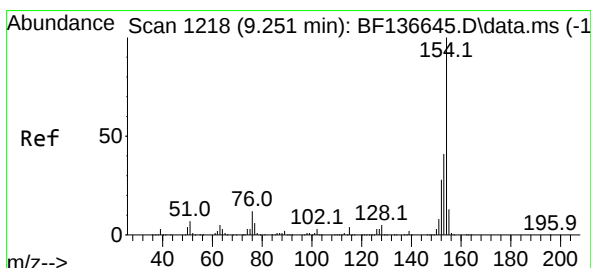
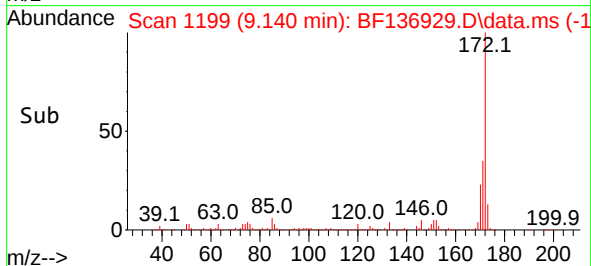
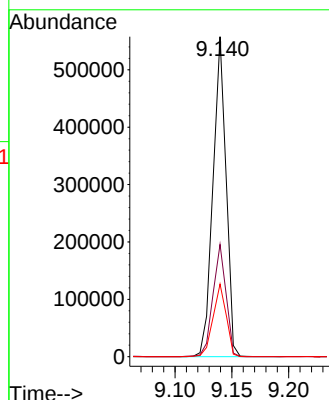
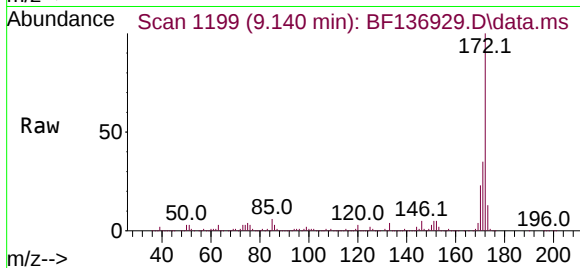
Tgt Ion:172 Resp: 446079

Ion Ratio Lower Upper

172 100

171 35.1 29.0 43.6

170 22.7 19.0 28.4



#46

1,1'-Biphenyl

Concen: 49.386 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.011 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

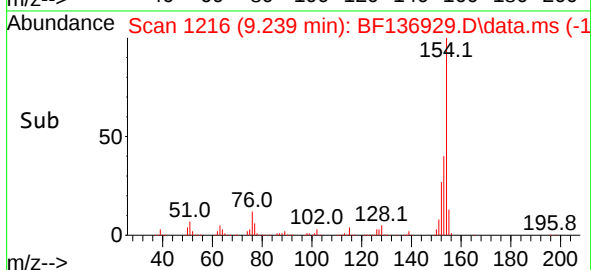
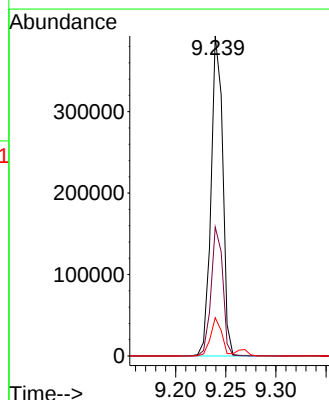
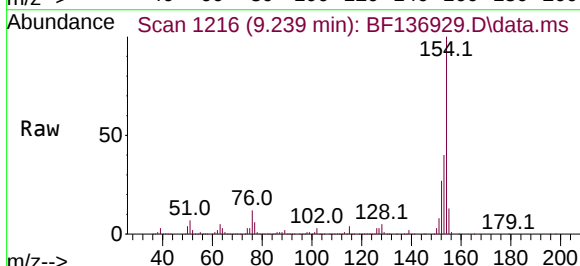
Tgt Ion:154 Resp: 320185

Ion Ratio Lower Upper

154 100

153 40.3 21.1 61.1

76 11.9 0.0 31.7

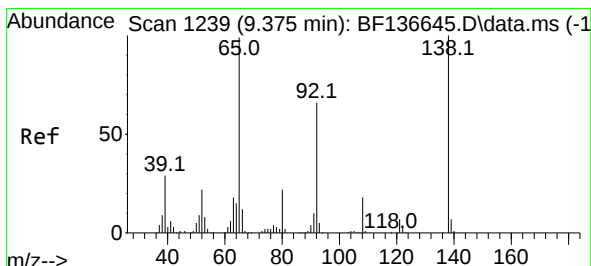
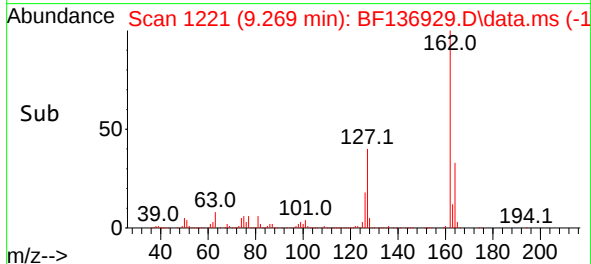
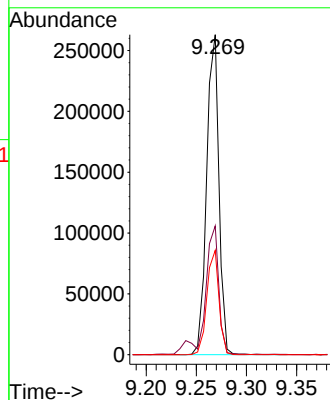
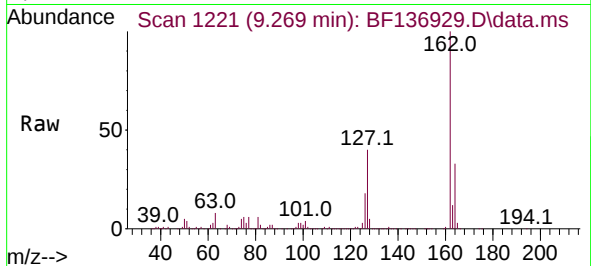




#47
2-Chloronaphthalene
Concen: 45.679 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

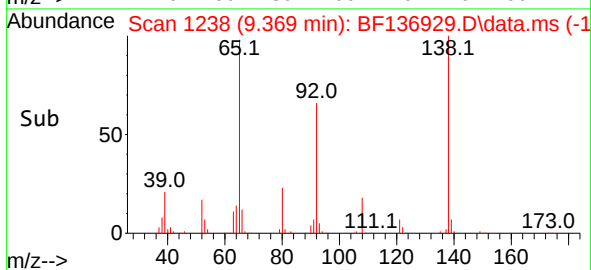
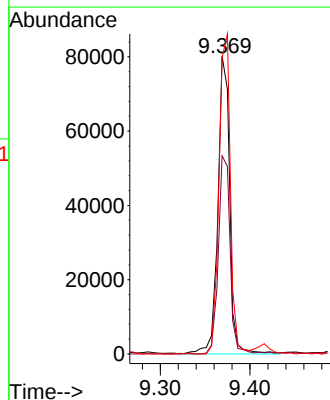
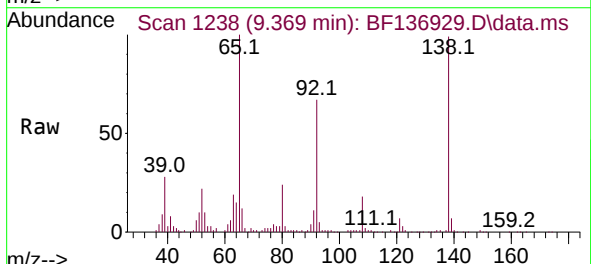
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MS

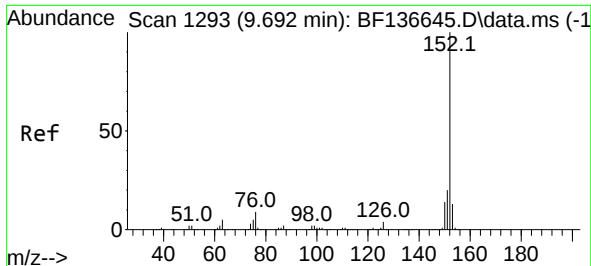
Tgt Ion:162 Resp: 225139
Ion Ratio Lower Upper
162 100
127 40.3 33.6 50.4
164 32.6 25.7 38.5



#48
2-Nitroaniline
Concen: 47.596 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

Tgt Ion: 65 Resp: 73461
Ion Ratio Lower Upper
65 100
92 66.6 53.2 79.8
138 99.4 81.1 121.7

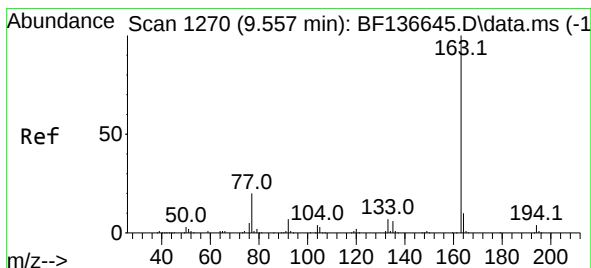
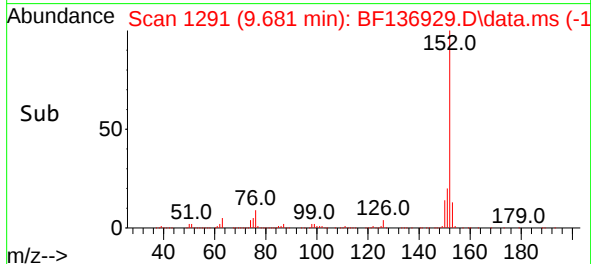
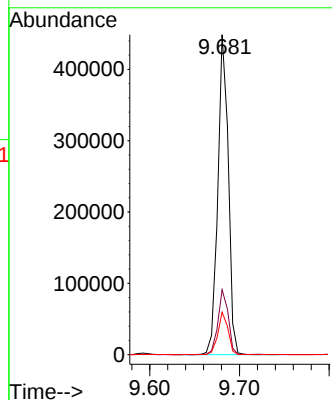
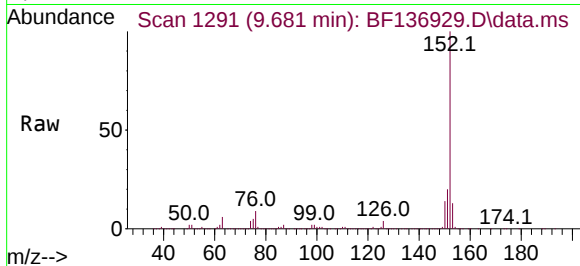




#49
Acenaphthylene
Concen: 48.252 ng
RT: 9.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

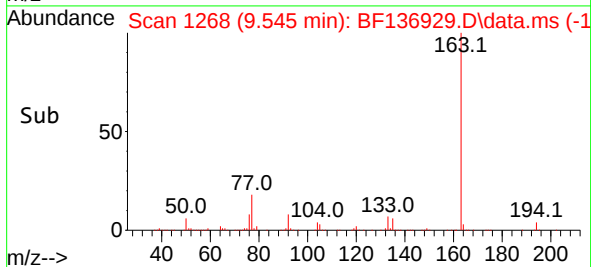
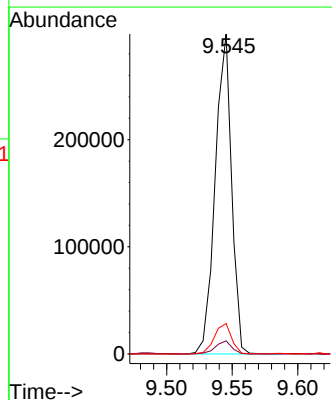
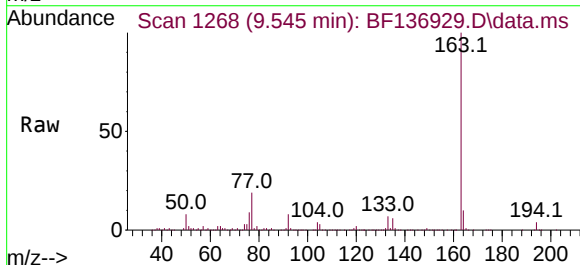
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MS

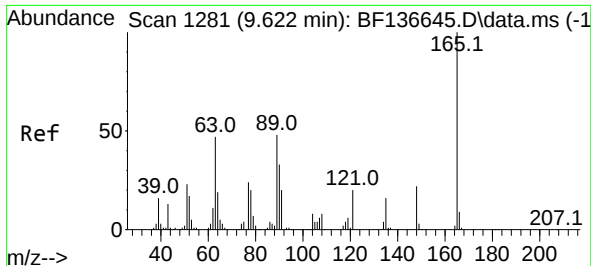
Tgt Ion:152 Resp: 363510
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.3 10.2 15.2



#50
Dimethylphthalate
Concen: 45.853 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

Tgt Ion:163 Resp: 258766
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.5 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 36.356 ng

RT: 9.610 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

Instrument :

BNA_F

ClientSampleId :

BU-02-12282023MS

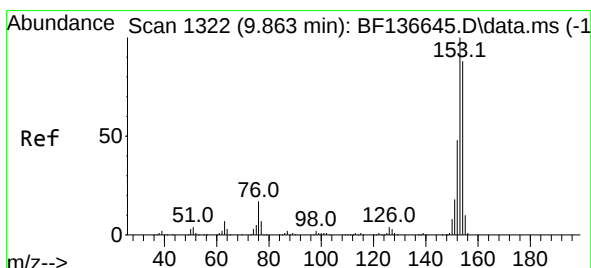
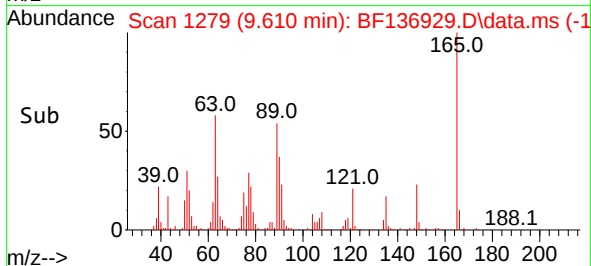
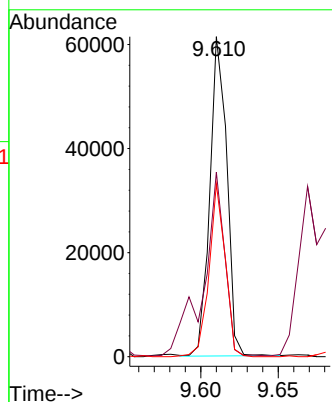
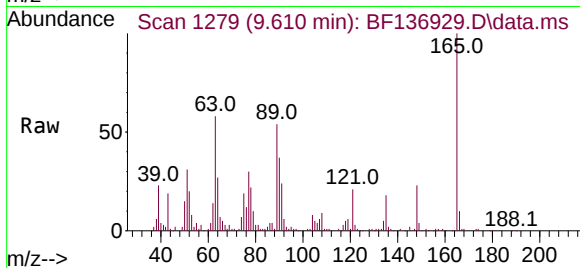
Tgt Ion:165 Resp: 46564

Ion Ratio Lower Upper

165 100

63 57.6 39.8 59.6

89 54.0 38.8 58.2



#52

Acenaphthene

Concen: 47.387 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.012 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

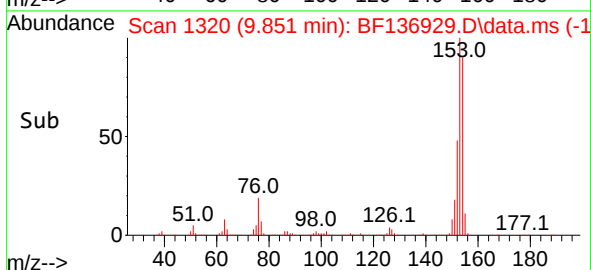
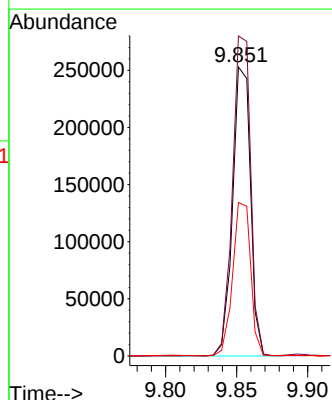
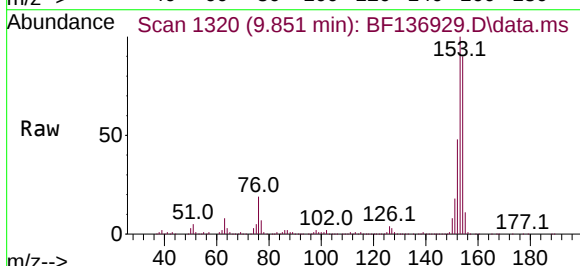
Tgt Ion:154 Resp: 221295

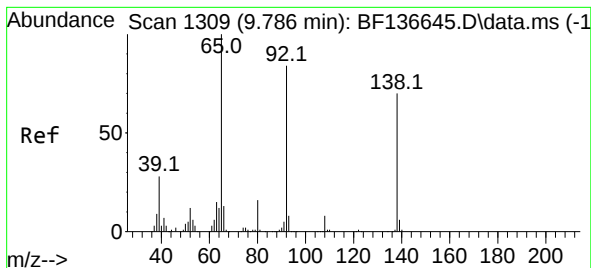
Ion Ratio Lower Upper

154 100

153 110.8 90.7 136.1

152 53.1 43.7 65.5





#53

3-Nitroaniline

Concen: 41.304 ng

RT: 9.787 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136929.D

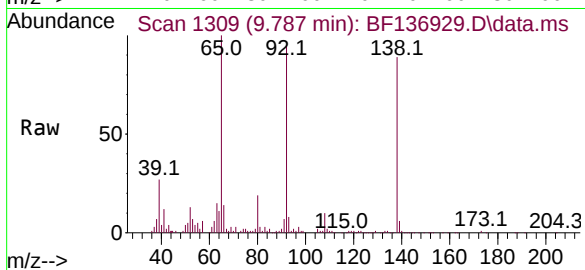
Acq: 04 Jan 2024 02:38

Instrument :

BNA_F

ClientSampleId :

BU-02-12282023MS



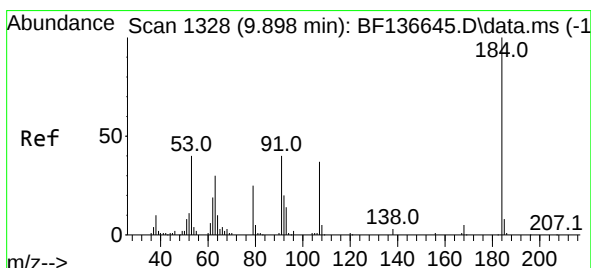
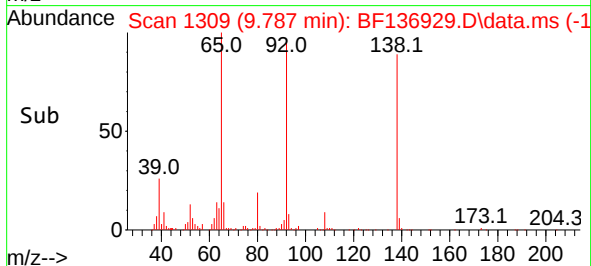
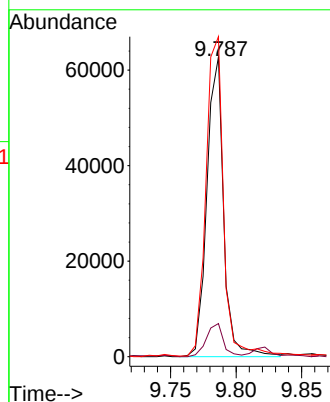
Tgt Ion:138 Resp: 56038

Ion Ratio Lower Upper

138 100

108 11.0 8.6 12.8

92 106.8 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 4.487 ng

RT: 9.910 min Scan# 1330

Delta R.T. 0.012 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

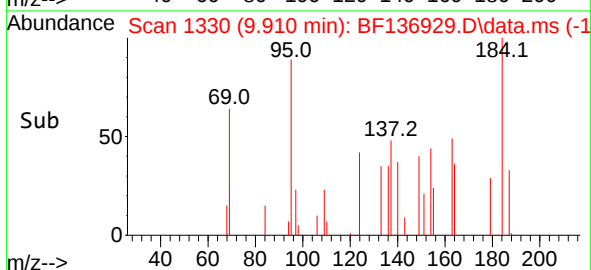
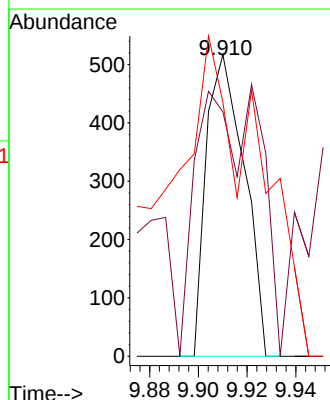
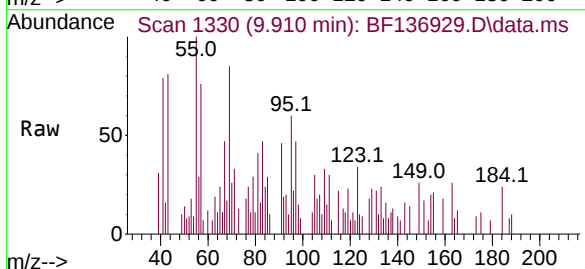
Tgt Ion:184 Resp: 560

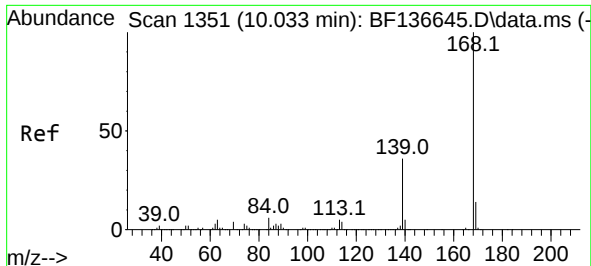
Ion Ratio Lower Upper

184 100

63 81.0 40.9 61.3#

154 84.1 42.7 64.1#

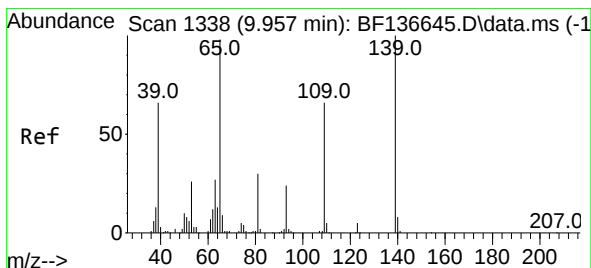
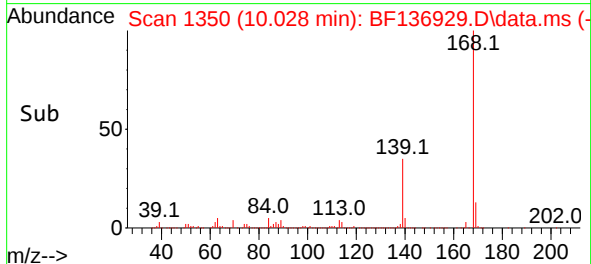
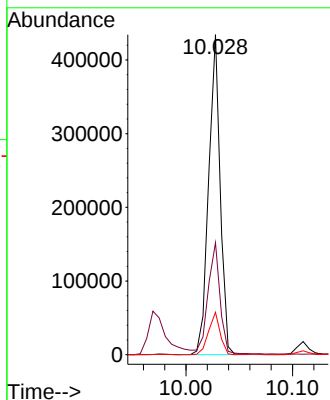
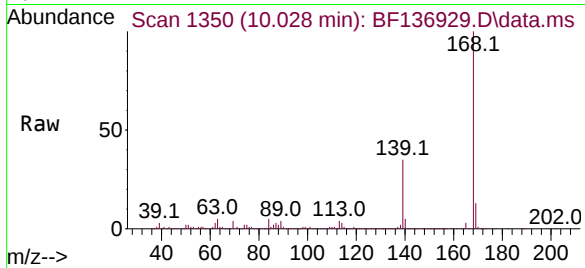




#55
Dibenzenofuran
Concen: 46.169 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

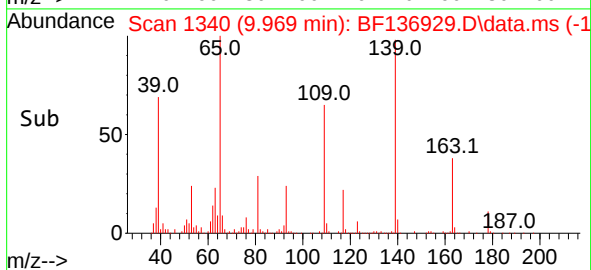
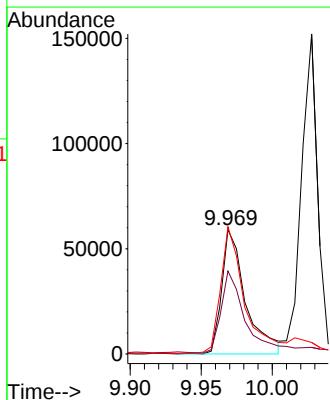
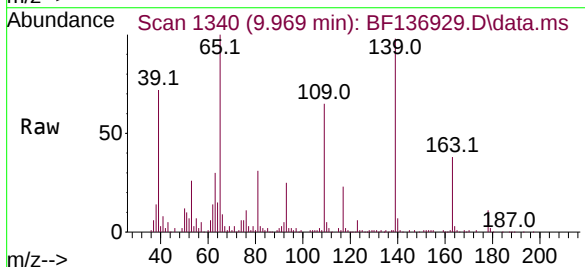
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MS

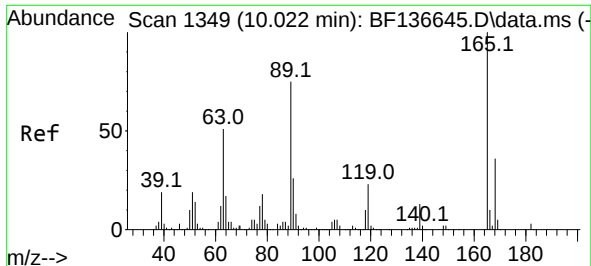
Tgt Ion:168 Resp: 326825
Ion Ratio Lower Upper
168 100
139 35.0 29.3 43.9
169 13.3 11.0 16.4



#56
4-Nitrophenol
Concen: 75.446 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

Tgt Ion:139 Resp: 69099
Ion Ratio Lower Upper
139 100
109 66.7 45.8 85.8
65 102.3 77.8 117.8

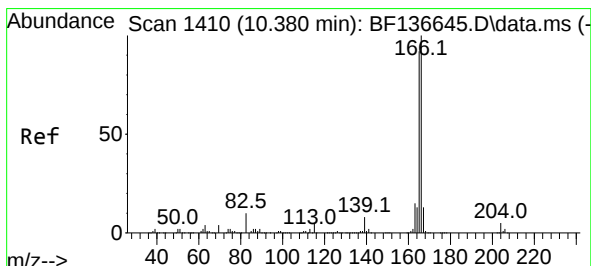
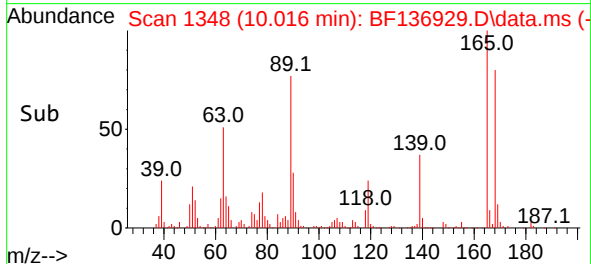
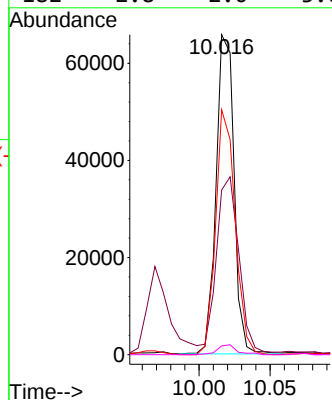
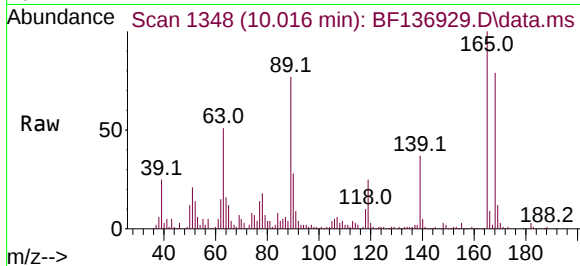




#57
2,4-Dinitrotoluene
Concen: 34.674 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

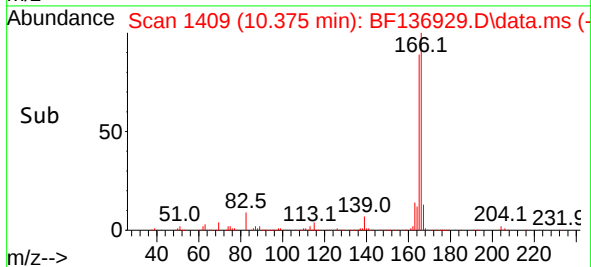
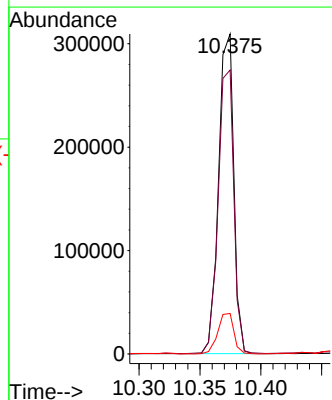
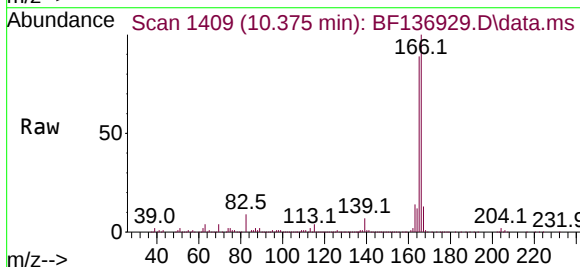
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MS

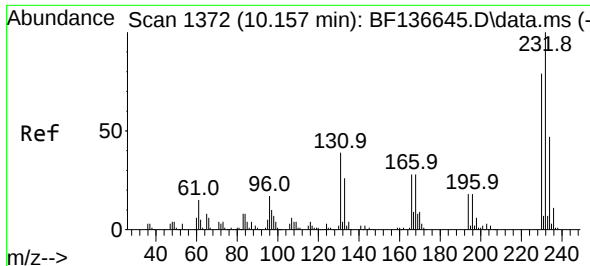
Tgt Ion:	165	Resp:	57652
Ion	Ratio	Lower	Upper
165	100		
63	51.5	41.0	61.6
89	76.5	59.9	89.9
182	2.8	2.0	3.0



#58
Fluorene
Concen: 47.893 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

Tgt Ion:	166	Resp:	269009
Ion	Ratio	Lower	Upper
166	100		
165	88.7	73.7	110.5
167	12.6	10.4	15.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.376 ng

RT: 10.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

Instrument :

BNA_F

ClientSampleId :

BU-02-12282023MS

Tgt Ion:232 Resp: 61045

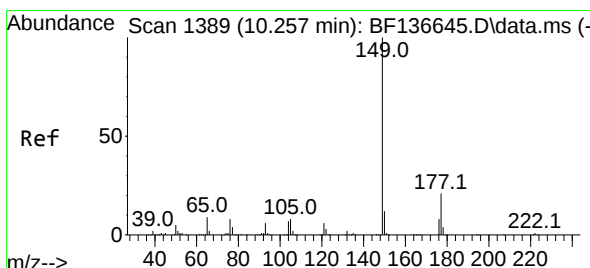
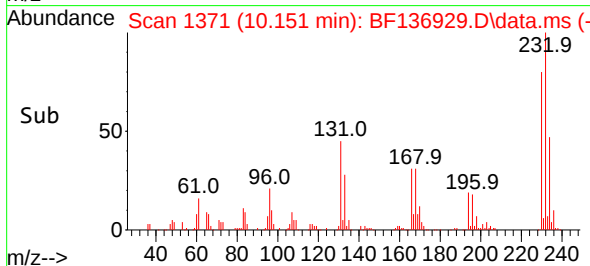
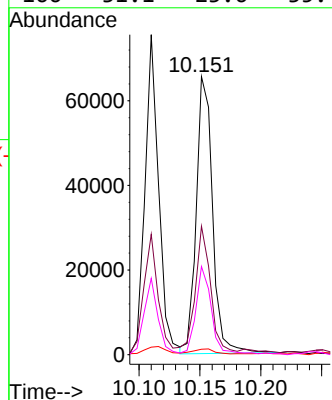
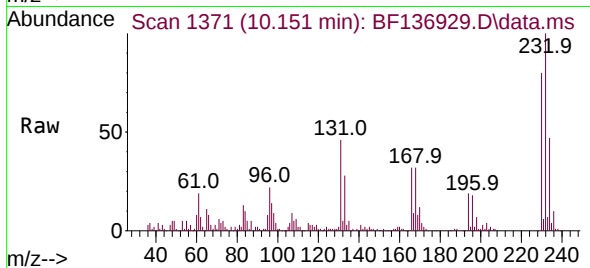
Ion Ratio Lower Upper

232 100

131 41.7 35.1 52.7

130 2.5 1.6 2.4#

166 31.1 23.6 35.4



#60

Diethylphthalate

Concen: 43.551 ng

RT: 10.245 min Scan# 1387

Delta R.T. -0.011 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

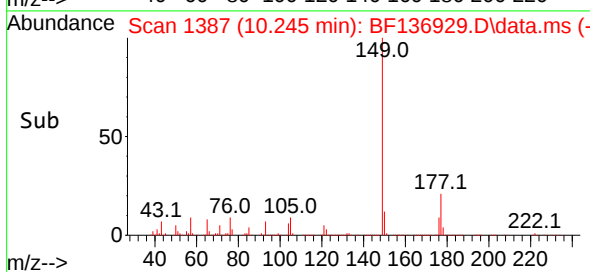
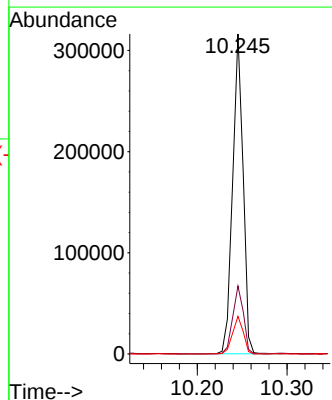
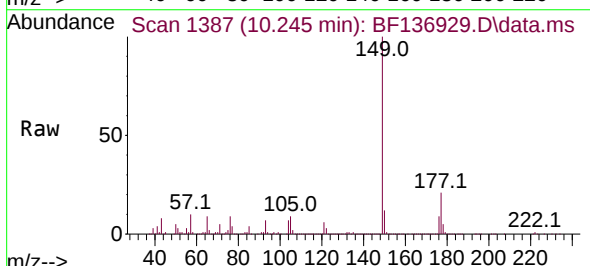
Tgt Ion:149 Resp: 255003

Ion Ratio Lower Upper

149 100

177 21.2 16.9 25.3

150 11.7 9.3 13.9

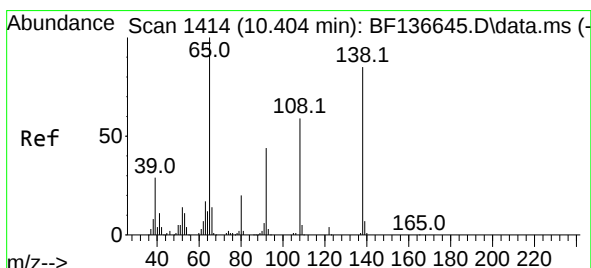
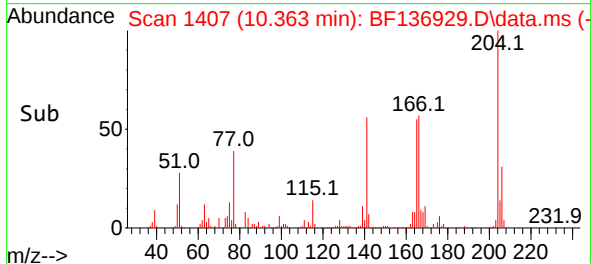
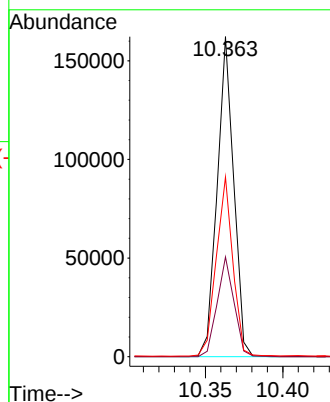
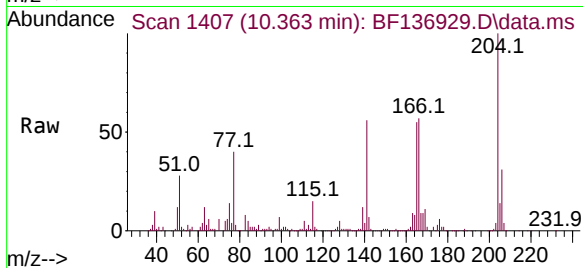




#61
4-Chlorophenyl-phenylether
Concen: 44.099 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

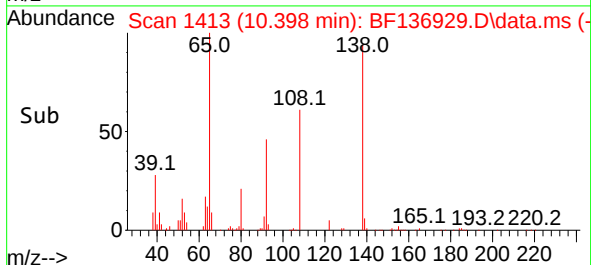
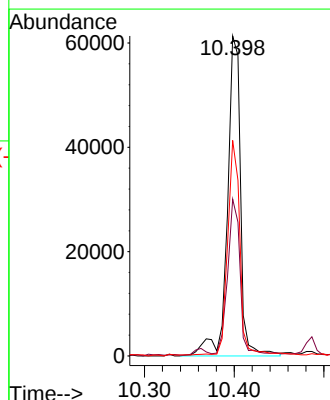
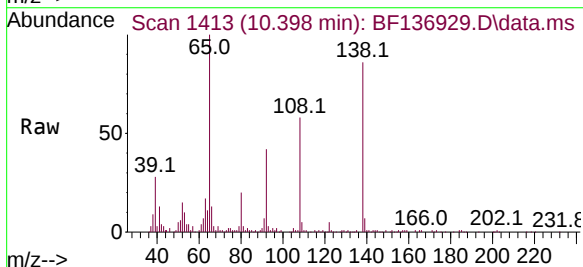
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MS

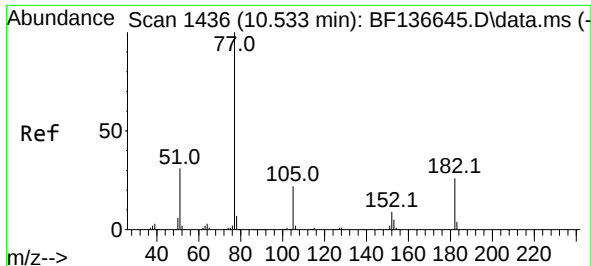
Tgt Ion:204 Resp: 120397
Ion Ratio Lower Upper
204 100
206 31.1 25.6 38.4
141 56.2 48.4 72.6



#62
4-Nitroaniline
Concen: 47.849 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

Tgt Ion:138 Resp: 62582
Ion Ratio Lower Upper
138 100
92 49.0 32.1 72.1
108 67.3 50.1 90.1

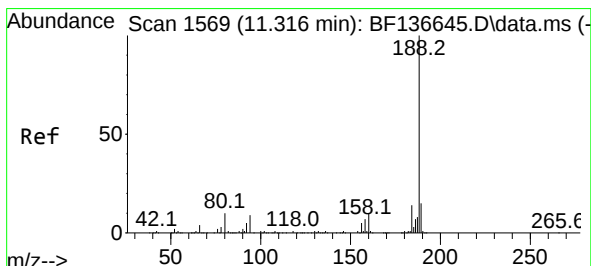
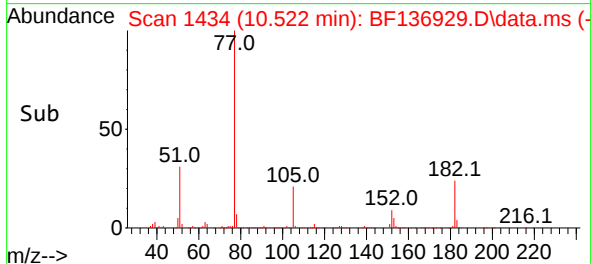
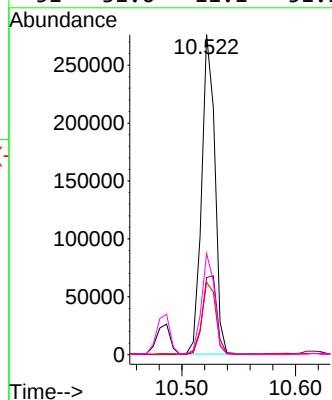
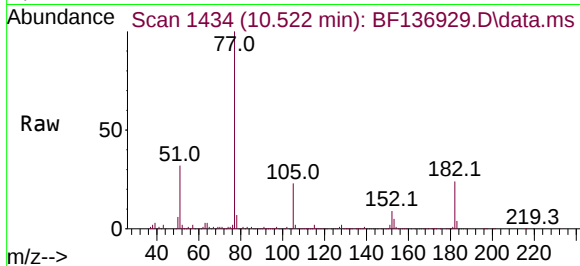




#63
Azobenzene
Concen: 40.718 ng
RT: 10.522 min Scan# 1436
Delta R.T. -0.011 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

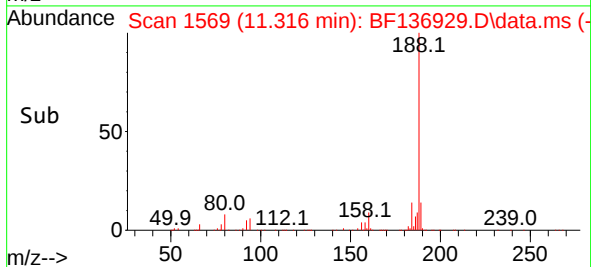
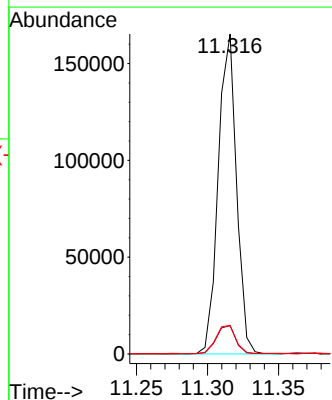
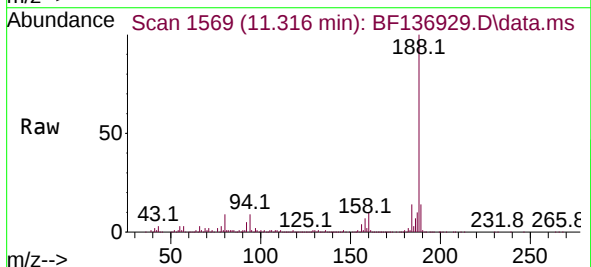
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MS

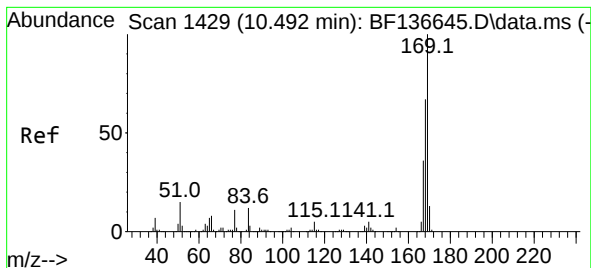
Tgt Ion: 77	Resp: 222684
Ion Ratio	Lower Upper
77 100	
182 24.1	6.0 46.0
105 22.6	2.3 42.3
51 31.6	11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

Tgt Ion:188	Resp: 147282
Ion Ratio	Lower Upper
188 100	
94 8.8	7.5 11.3
80 9.0	8.1 12.1





#66

n-Nitrosodiphenylamine

Concen: 44.372 ng

RT: 10.486 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

Instrument :

BNA_F

ClientSampleId :

BU-02-12282023MS

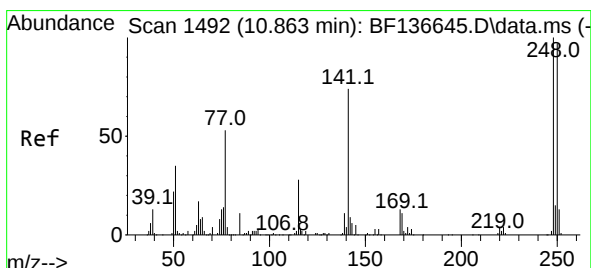
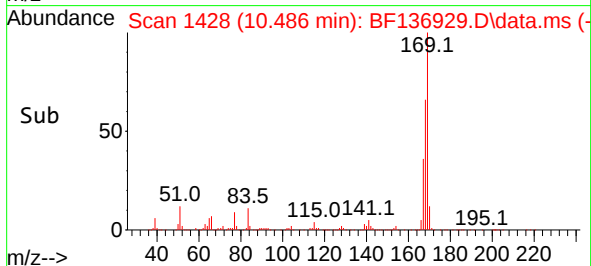
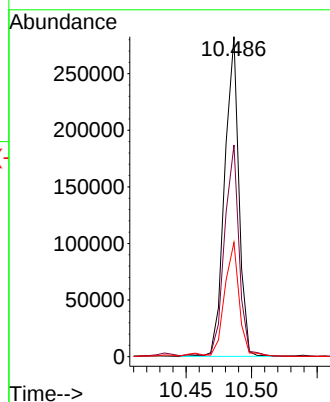
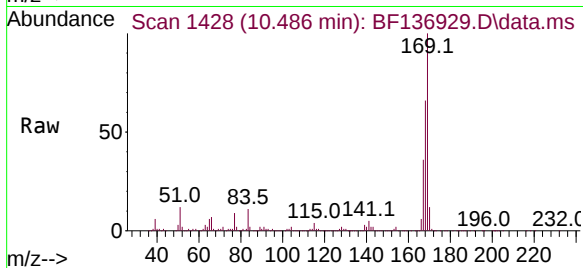
Tgt Ion:169 Resp: 212295

Ion Ratio Lower Upper

169 100

168 66.2 53.8 80.6

167 35.7 28.7 43.1



#67

4-Bromophenyl-phenylether

Concen: 42.835 ng

RT: 10.857 min Scan# 1491

Delta R.T. -0.006 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

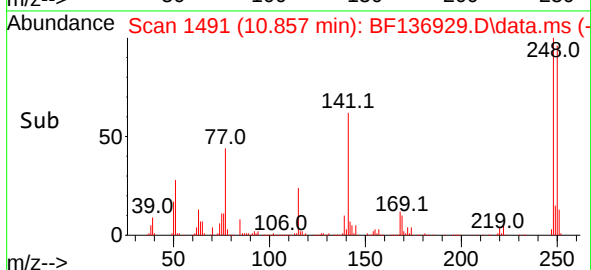
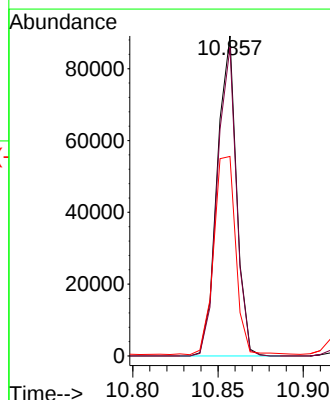
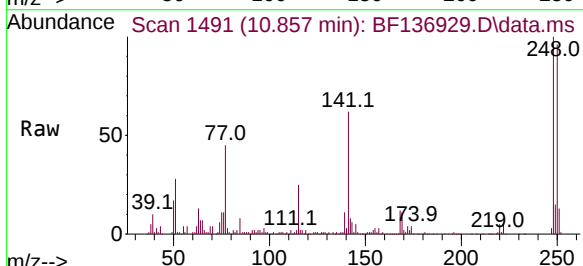
Tgt Ion:248 Resp: 70064

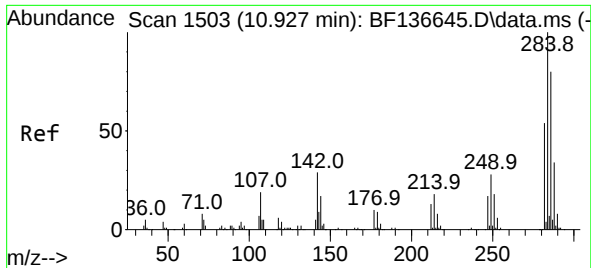
Ion Ratio Lower Upper

248 100

250 96.4 77.8 116.6

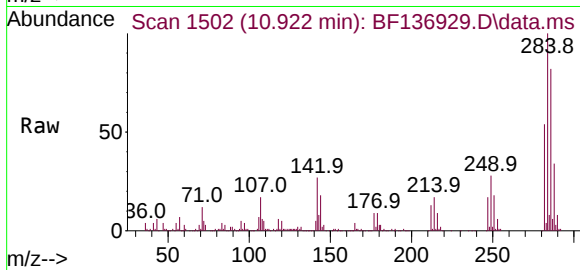
141 62.3 59.2 88.8



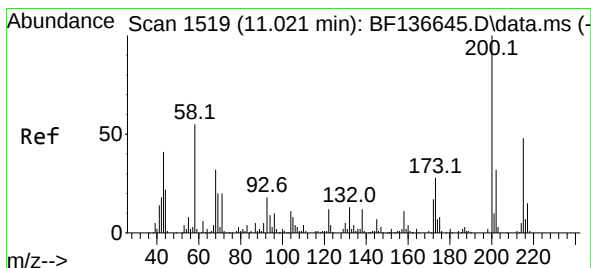
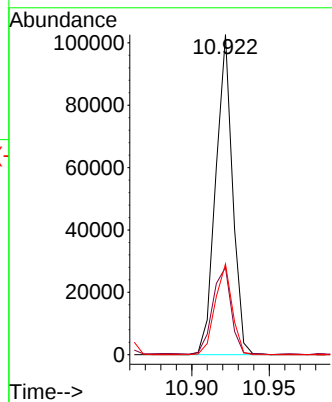
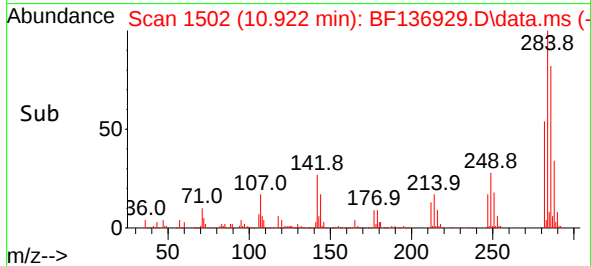


#68
Hexachlorobenzene
Concen: 42.438 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38

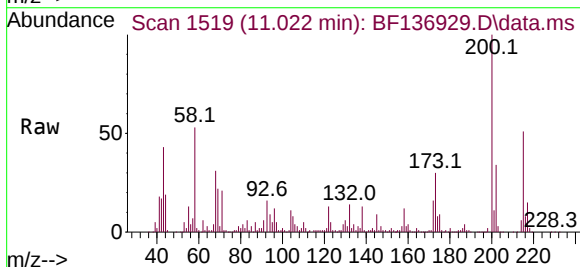
Instrument :
BNA_F
ClientSampleId :
BU-02-12282023MS



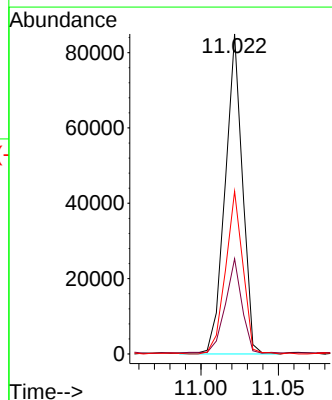
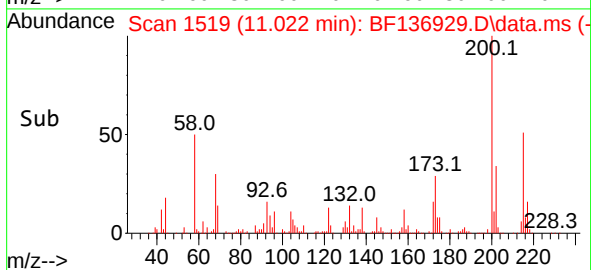
Tgt Ion:284 Resp: 77357
Ion Ratio Lower Upper
284 100
142 27.3 23.4 35.0
249 28.3 22.3 33.5

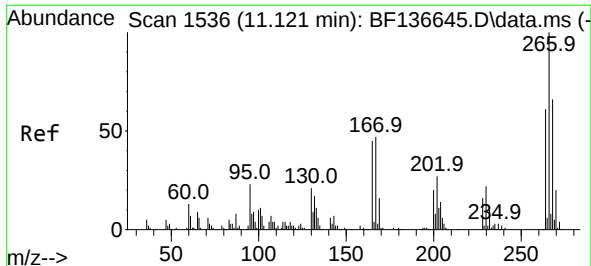


#69
Atrazine
Concen: 53.911 ng
RT: 11.022 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BF136929.D
Acq: 04 Jan 2024 02:38



Tgt Ion:200 Resp: 65971
Ion Ratio Lower Upper
200 100
173 29.7 7.6 47.6
215 50.9 28.3 68.3

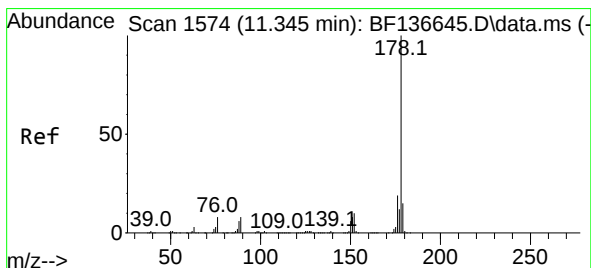
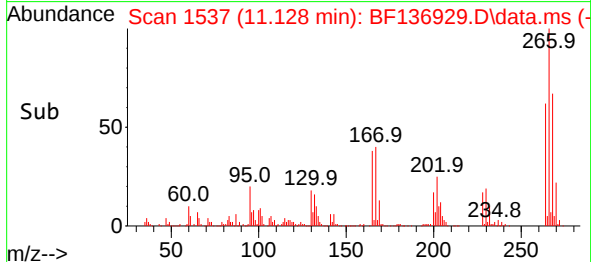
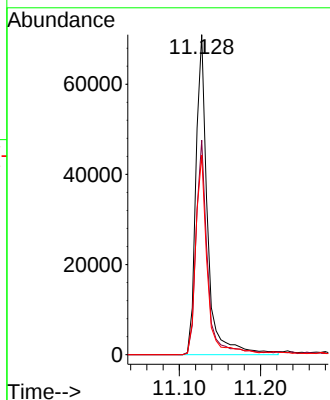
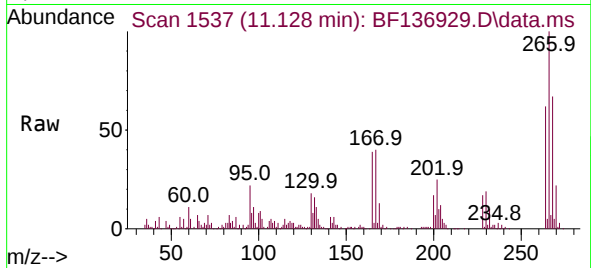




#70
 Pentachlorophenol
 Concen: 83.705 ng
 RT: 11.128 min Scan# 1536
 Delta R.T. 0.006 min
 Lab File: BF136929.D
 Acq: 04 Jan 2024 02:38

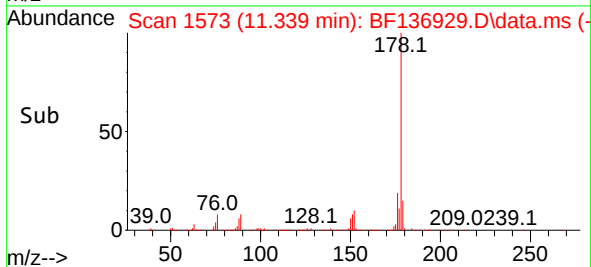
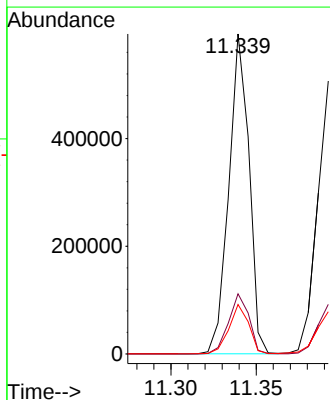
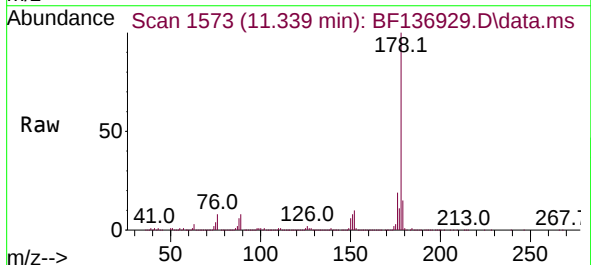
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-12282023MS

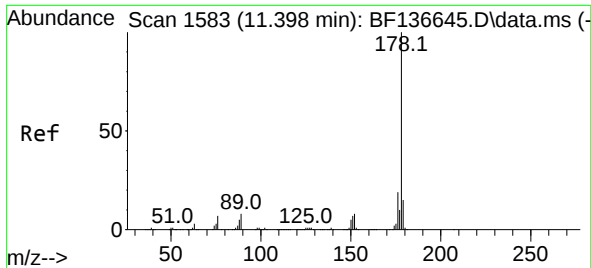
Tgt Ion:266 Resp: 71119
 Ion Ratio Lower Upper
 266 100
 268 67.1 52.6 78.8
 264 62.4 49.0 73.4



#71
 Phenanthrene
 Concen: 64.863 ng
 RT: 11.339 min Scan# 1573
 Delta R.T. -0.006 min
 Lab File: BF136929.D
 Acq: 04 Jan 2024 02:38

Tgt Ion:178 Resp: 490183
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.3 22.9
 179 15.4 11.9 17.9

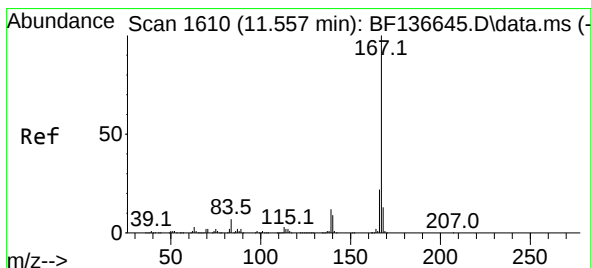
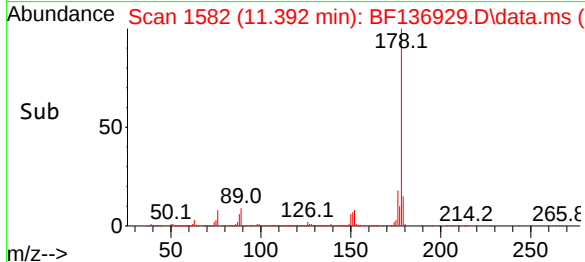
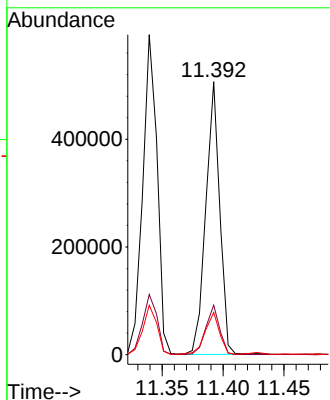
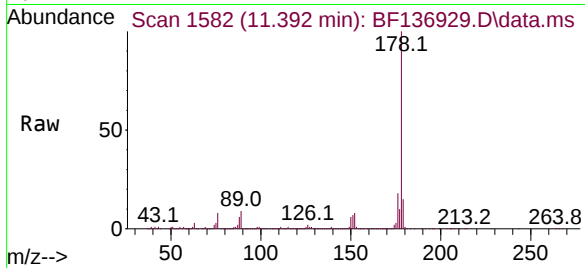




#72
 Anthracene
 Concen: 52.735 ng
 RT: 11.392 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136929.D
 Acq: 04 Jan 2024 02:38

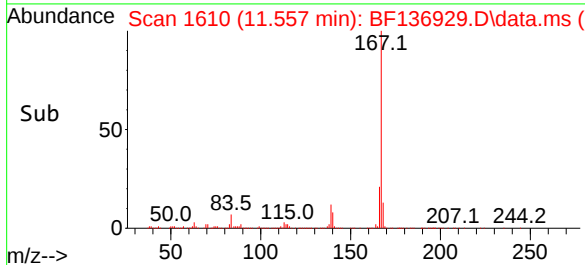
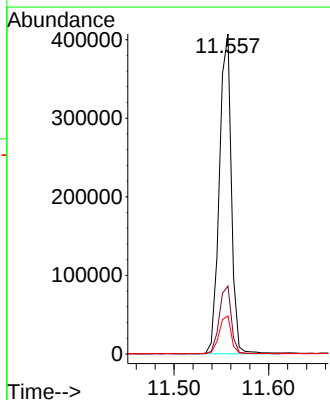
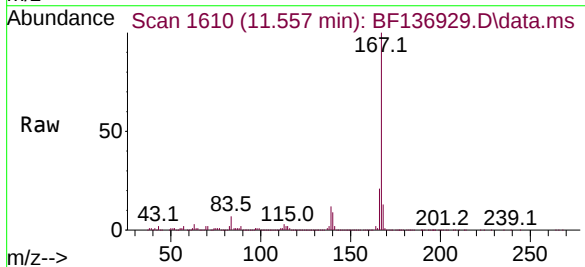
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-12282023MS

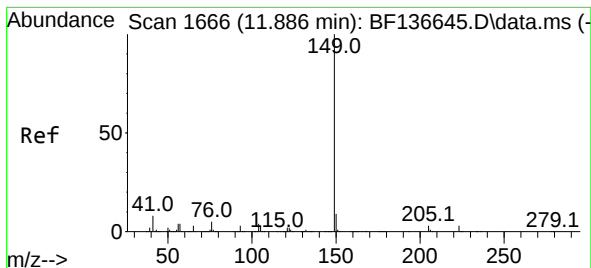
Tgt Ion:178 Resp: 403603
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.9 22.3
 179 15.5 11.8 17.6



#73
 Carbazole
 Concen: 49.867 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. 0.000 min
 Lab File: BF136929.D
 Acq: 04 Jan 2024 02:38

Tgt Ion:167 Resp: 359829
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.3 25.9
 139 11.9 9.8 14.6





#74

Di-n-butylphthalate

Concen: 48.377 ng

RT: 11.881 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

Instrument :

BNA_F

ClientSampleId :

BU-02-12282023MS

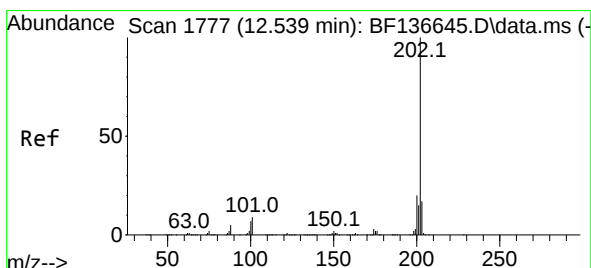
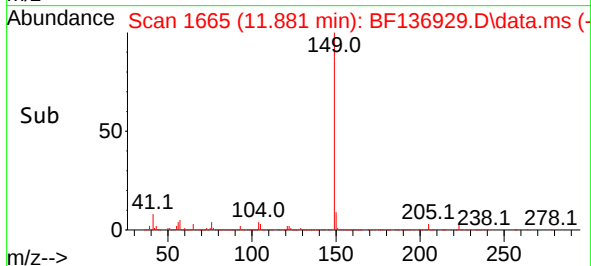
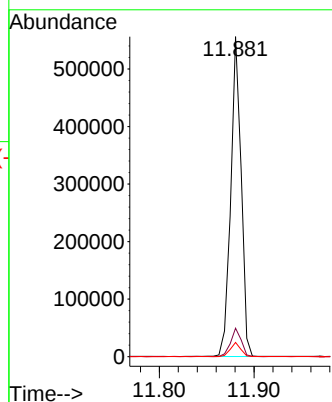
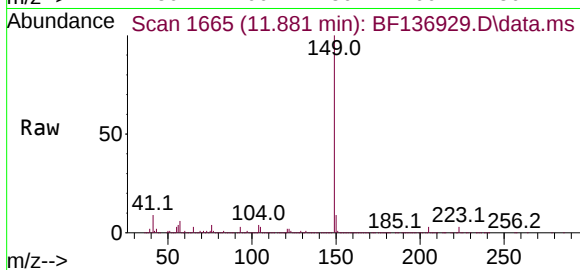
Tgt Ion:149 Resp: 425957

Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.2

104 4.5 3.6 5.4



#75

Fluoranthene

Concen: 69.315 ng

RT: 12.539 min Scan# 1777

Delta R.T. 0.000 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

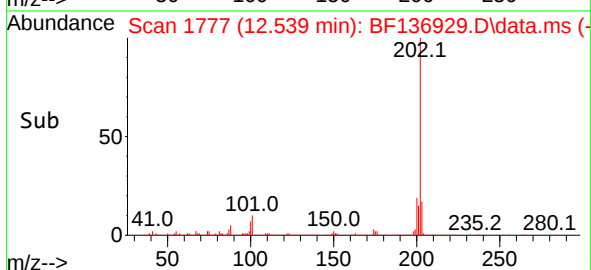
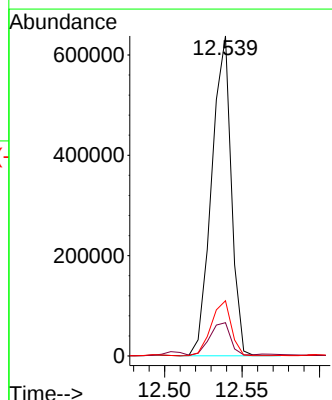
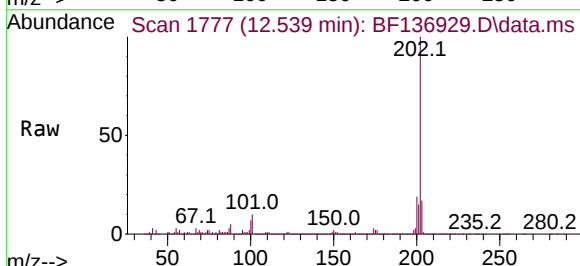
Tgt Ion:202 Resp: 560310

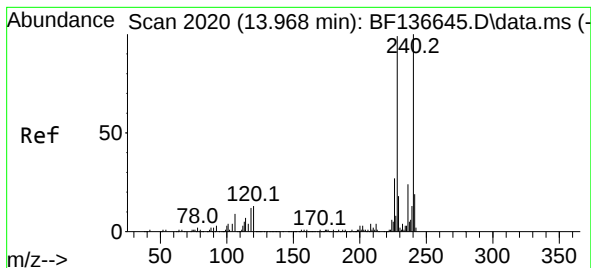
Ion Ratio Lower Upper

202 100

101 10.4 0.0 29.3

203 17.2 0.0 37.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

Instrument :

BNA_F

ClientSampleId :

BU-02-12282023MS

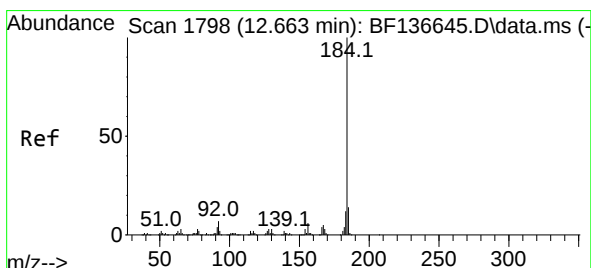
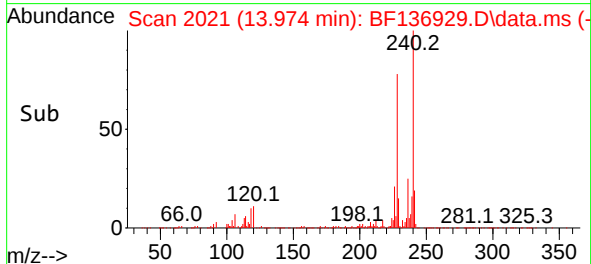
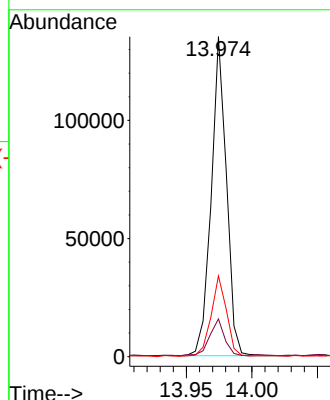
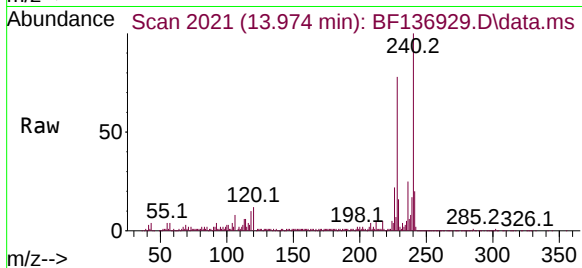
Tgt Ion:240 Resp: 108933

Ion Ratio Lower Upper

240 100

120 11.8 10.3 15.5

236 25.3 19.4 29.2



#77

Benzidine

Concen: 22.941 ng

RT: 12.669 min Scan# 1799

Delta R.T. 0.006 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

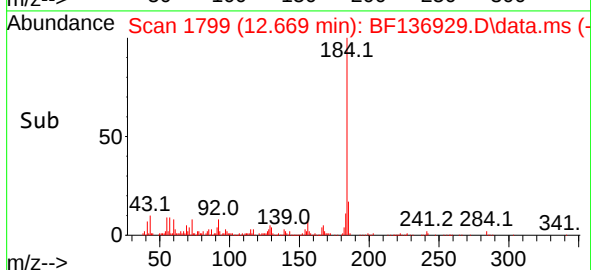
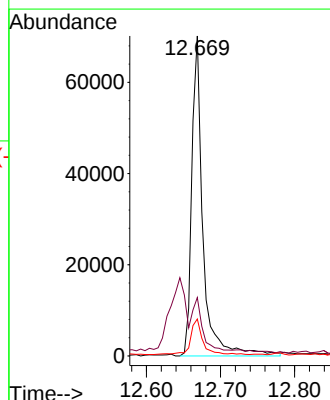
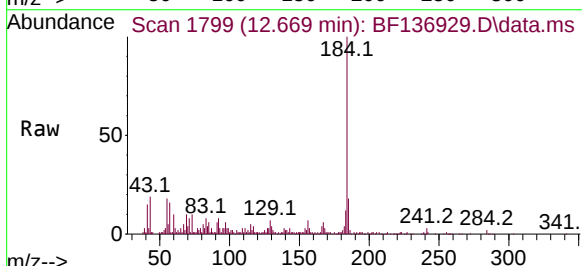
Tgt Ion:184 Resp: 73685

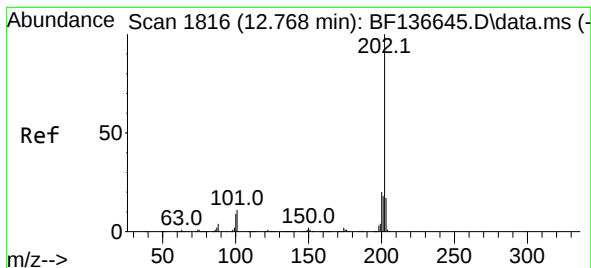
Ion Ratio Lower Upper

184 100

185 18.3 11.2 16.8#

183 11.6 9.3 13.9





#78

Pyrene

Concen: 51.767 ng

RT: 12.769 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

Instrument :

BNA_F

ClientSampleId :

BU-02-12282023MS

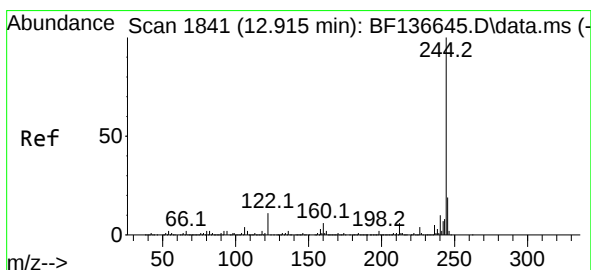
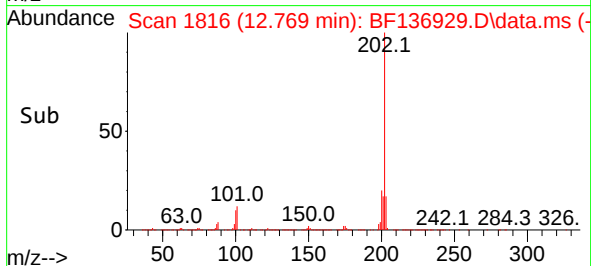
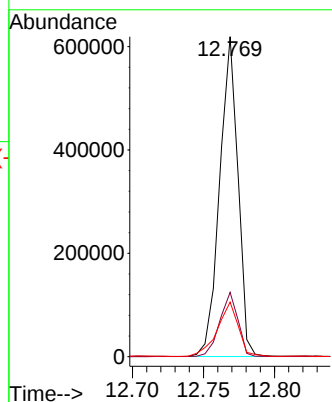
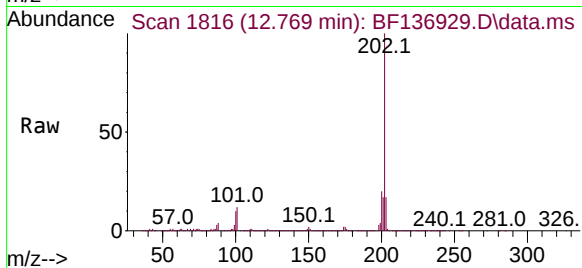
Tgt Ion:202 Resp: 553579

Ion Ratio Lower Upper

202 100

200 20.1 15.9 23.9

203 17.0 13.8 20.6



#79

Terphenyl-d14

Concen: 60.049 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

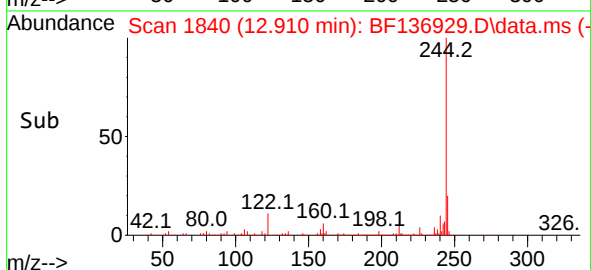
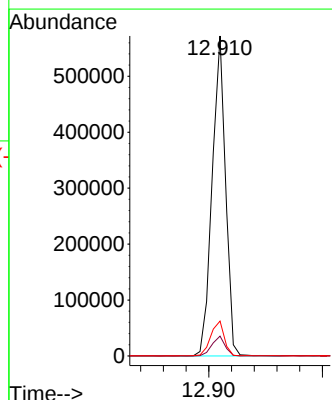
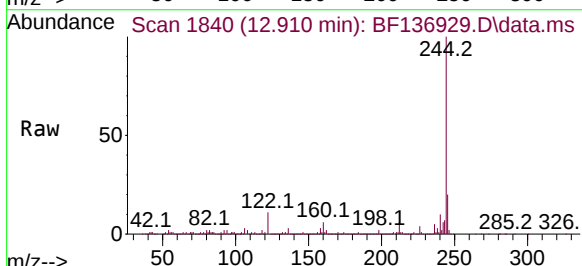
Tgt Ion:244 Resp: 468082

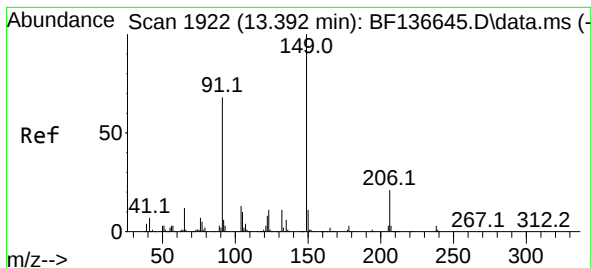
Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

122 10.9 9.0 13.4





#80

Butylbenzylphthalate

Concen: 48.993 ng

RT: 13.386 min Scan# 1922

Delta R.T. -0.006 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

Instrument :

BNA_F

ClientSampleId :

BU-02-12282023MS

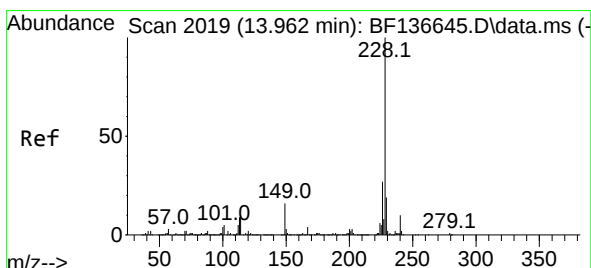
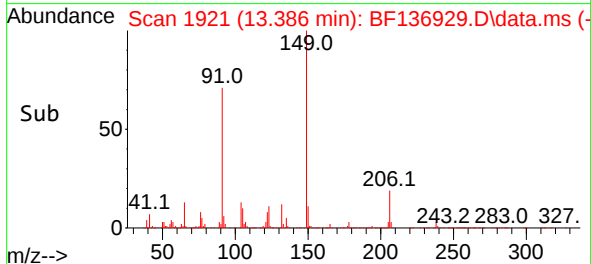
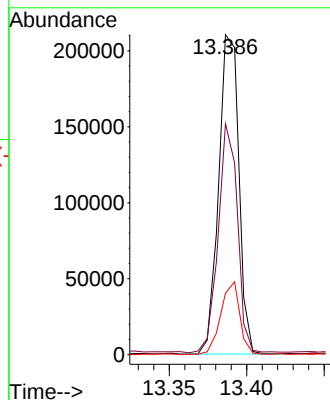
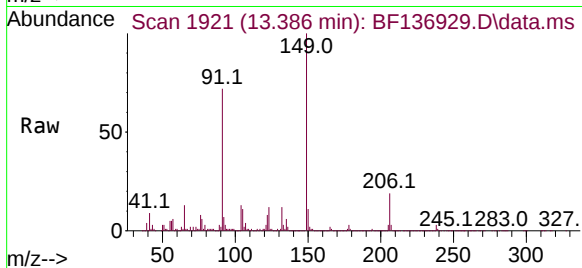
Tgt Ion:149 Resp: 190636

Ion Ratio Lower Upper

149 100

91 72.2 54.1 81.1

206 19.2 17.1 25.7



#81

Benzo(a)anthracene

Concen: 54.232 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

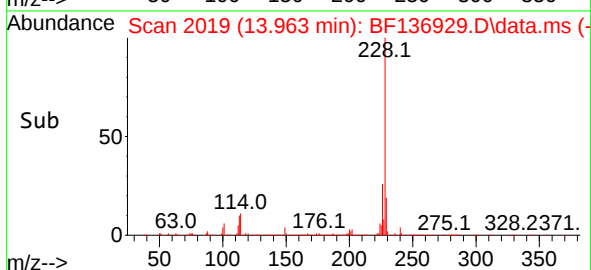
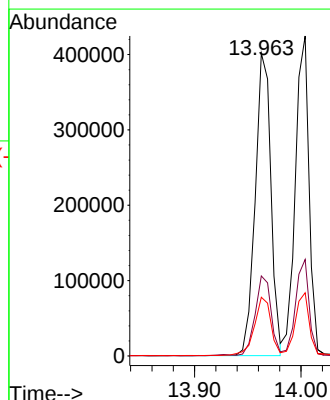
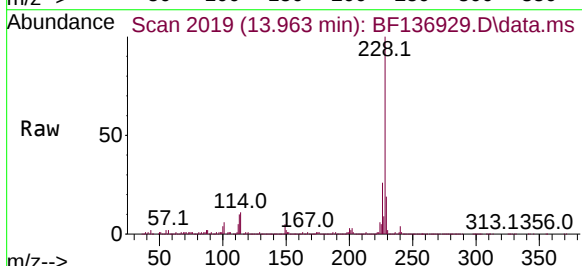
Tgt Ion:228 Resp: 410223

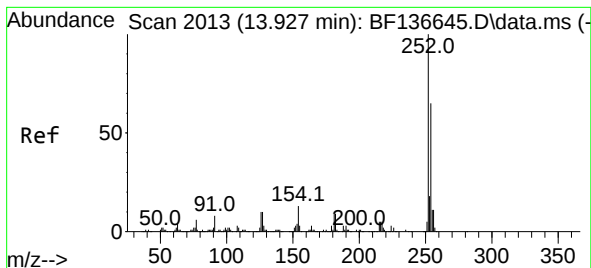
Ion Ratio Lower Upper

228 100

226 26.4 21.4 32.0

229 19.4 14.9 22.3





#82

3,3'-Dichlorobenzidine

Concen: 30.223 ng

RT: 13.927 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

Instrument :

BNA_F

ClientSampleId :

BU-02-12282023MS

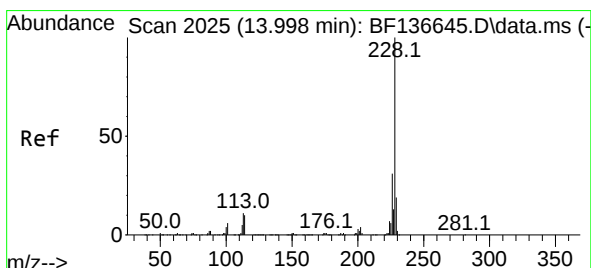
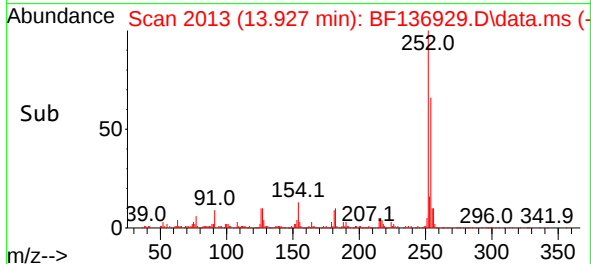
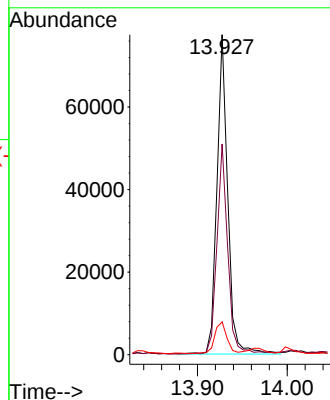
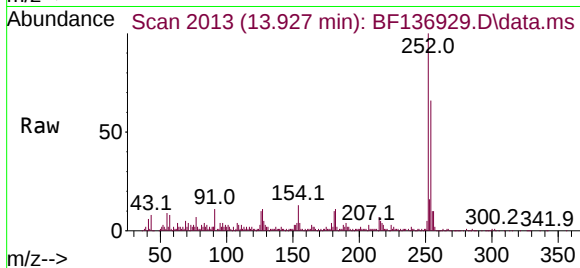
Tgt Ion:252 Resp: 64925

Ion Ratio Lower Upper

252 100

254 65.9 52.2 78.4

126 10.3 8.0 12.0



#83

Chrysene

Concen: 51.370 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

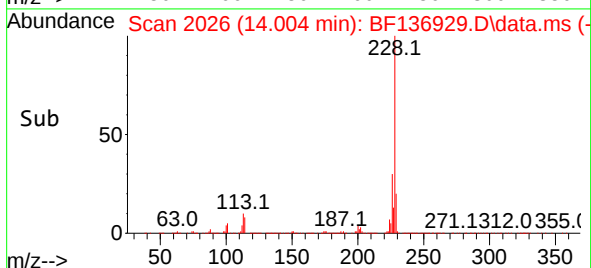
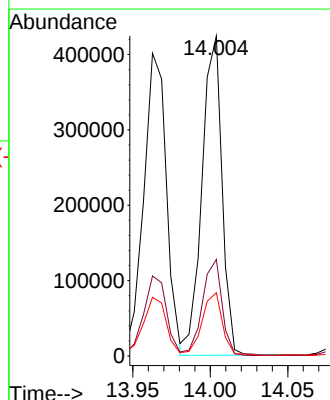
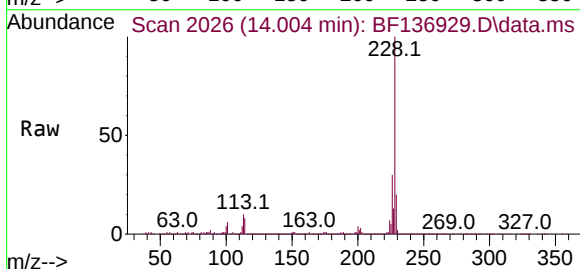
Tgt Ion:228 Resp: 379982

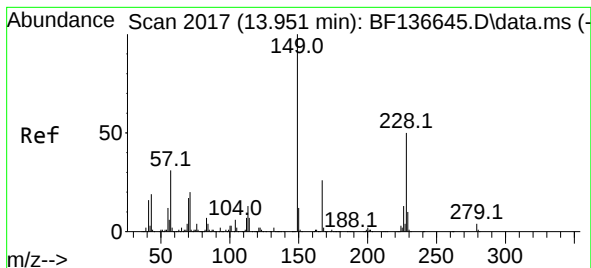
Ion Ratio Lower Upper

228 100

226 30.2 24.7 37.1

229 19.7 15.4 23.0

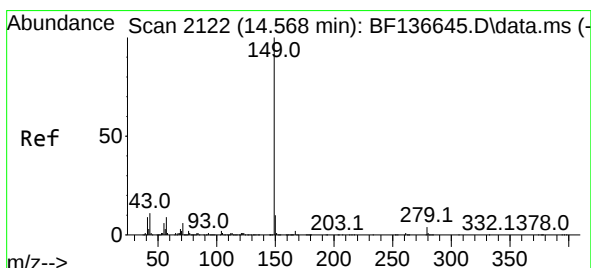
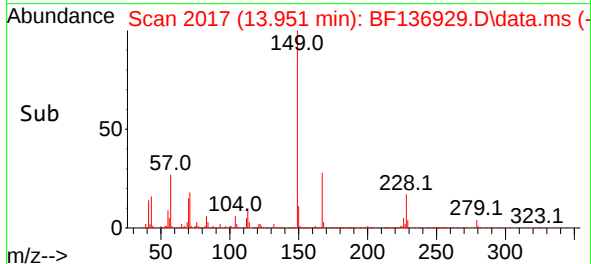
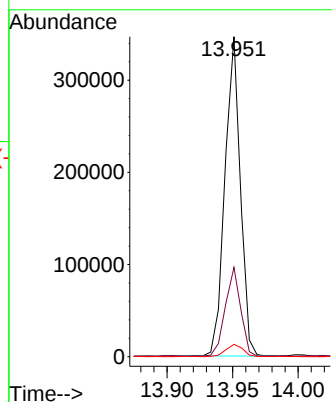
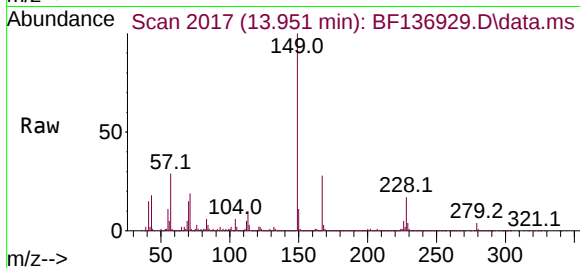




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 57.858 ng
 RT: 13.951 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: BF136929.D
 Acq: 04 Jan 2024 02:38

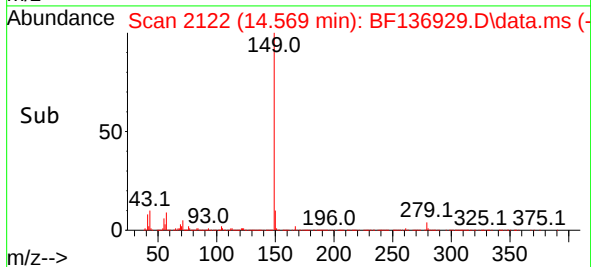
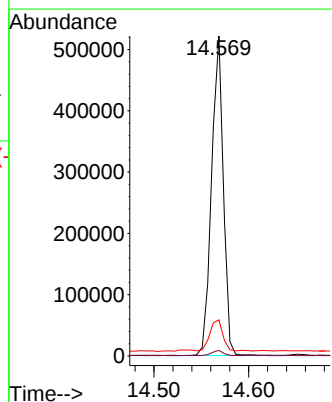
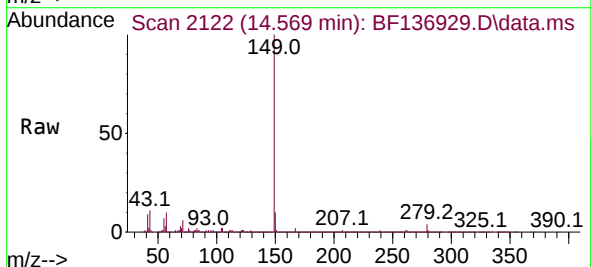
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-12282023MS

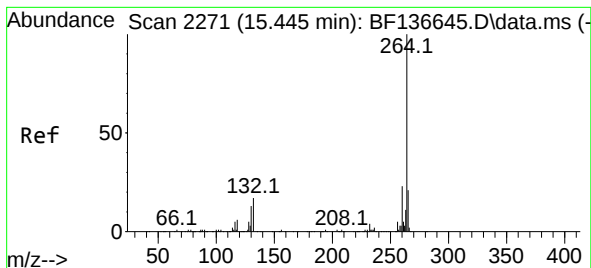
Tgt Ion:149 Resp: 283256
 Ion Ratio Lower Upper
 149 100
 167 27.9 20.9 31.3
 279 3.8 2.9 4.3



#85
 Di-n-octyl phthalate
 Concen: 59.363 ng
 RT: 14.569 min Scan# 2122
 Delta R.T. 0.000 min
 Lab File: BF136929.D
 Acq: 04 Jan 2024 02:38

Tgt Ion:149 Resp: 449555
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 10.9 8.9 13.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

Instrument :

BNA_F

ClientSampleId :

BU-02-12282023MS

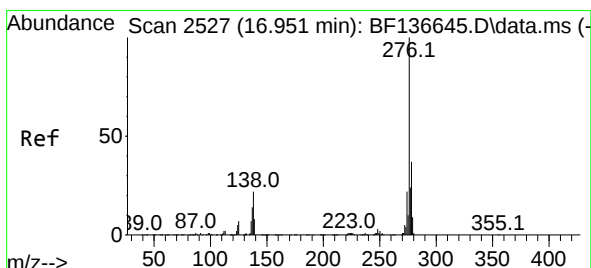
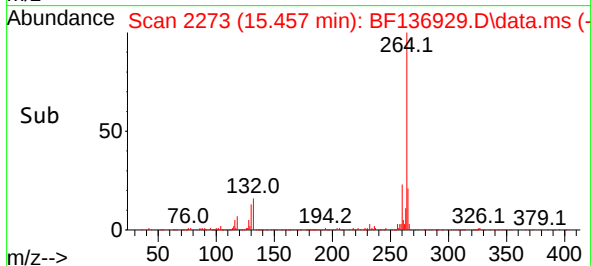
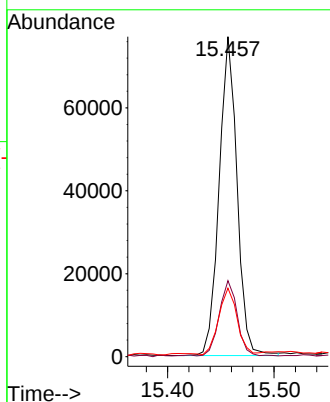
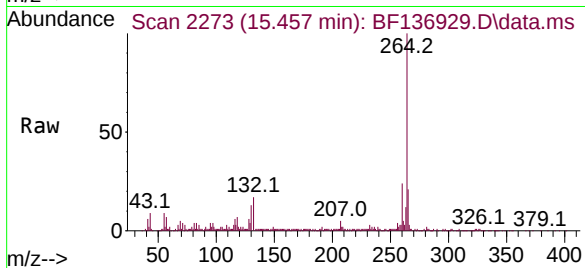
Tgt Ion:264 Resp: 89457

Ion Ratio Lower Upper

264 100

260 23.7 18.3 27.5

265 21.4 17.0 25.6



#87

Indeno(1,2,3-cd)pyrene

Concen: 42.932 ng

RT: 16.974 min Scan# 2531

Delta R.T. 0.024 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

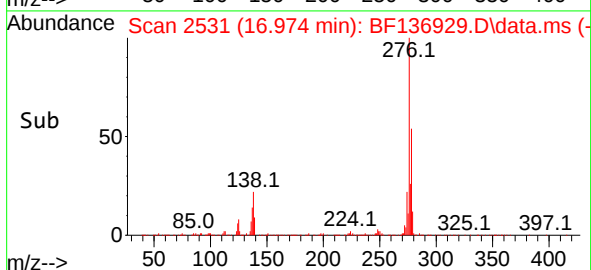
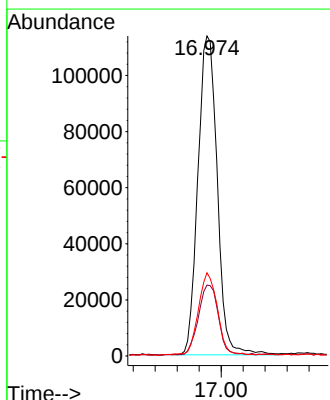
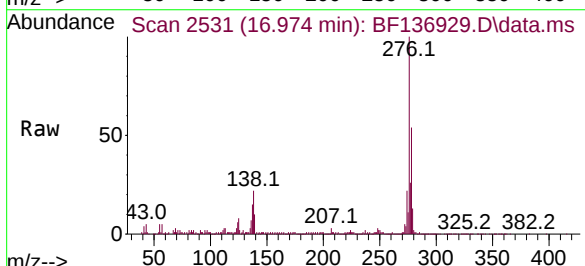
Tgt Ion:276 Resp: 277297

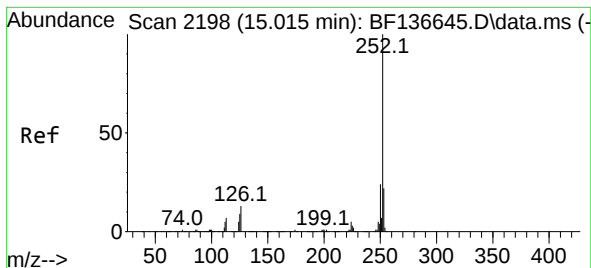
Ion Ratio Lower Upper

276 100

138 22.3 18.7 28.1

277 26.0 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 54.358 ng

RT: 15.021 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

Instrument :

BNA_F

ClientSampleId :

BU-02-12282023MS

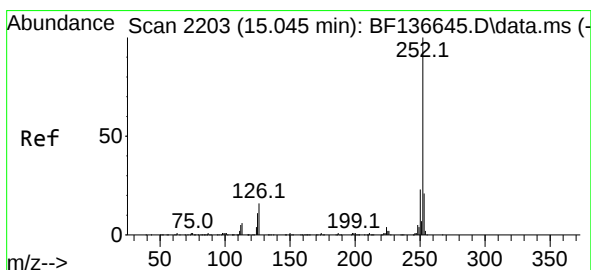
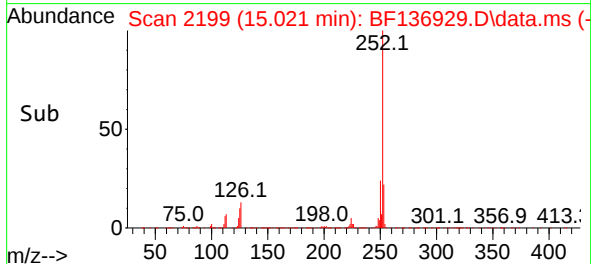
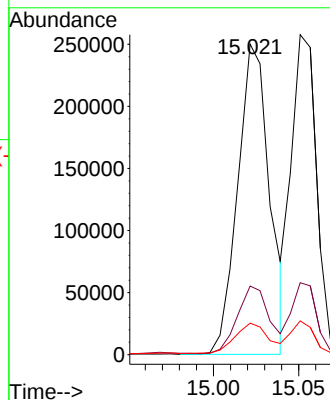
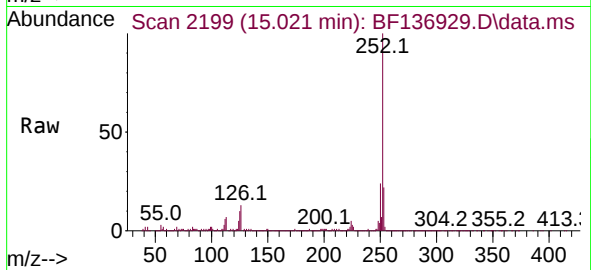
Tgt Ion:252 Resp: 324785

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 10.1 7.4 11.2



#89

Benzo(k)fluoranthene

Concen: 47.267 ng

RT: 15.051 min Scan# 2204

Delta R.T. 0.006 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

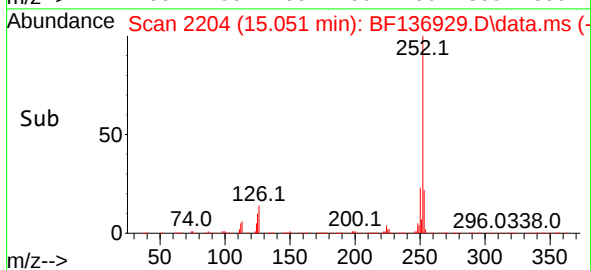
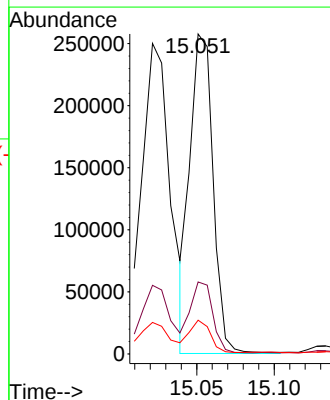
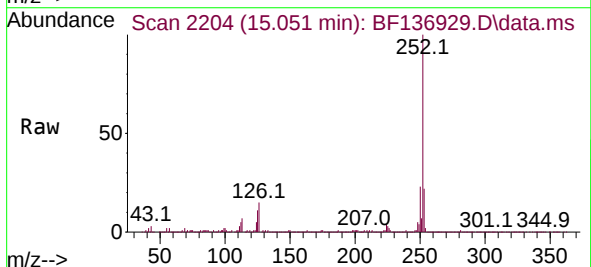
Tgt Ion:252 Resp: 266860

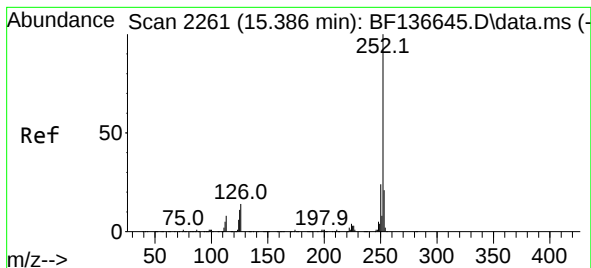
Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.6

125 10.5 8.2 12.4





#90

Benzo(a)pyrene

Concen: 50.747 ng

RT: 15.398 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

Instrument :

BNA_F

ClientSampleId :

BU-02-12282023MS

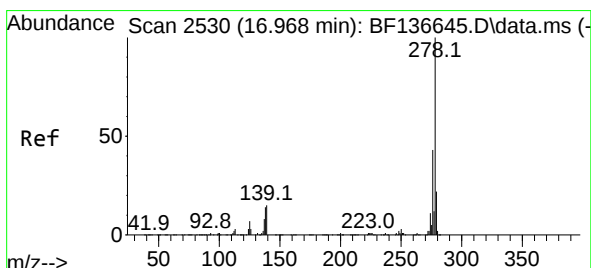
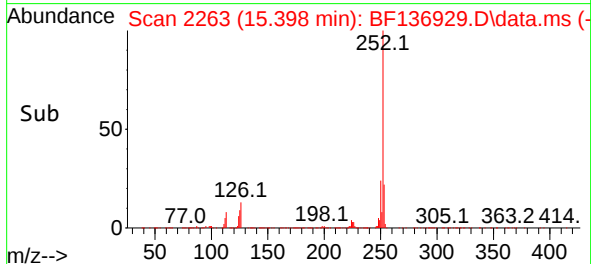
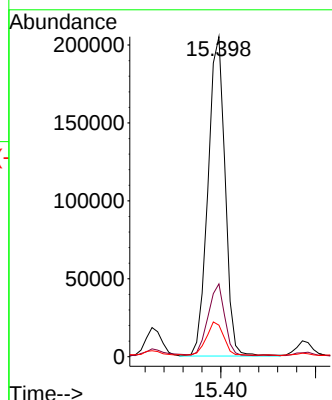
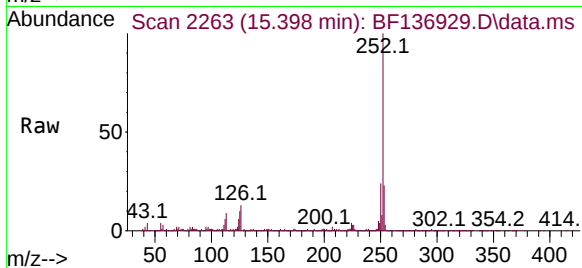
Tgt Ion:252 Resp: 255939

Ion Ratio Lower Upper

252 100

253 22.8 17.0 25.6

125 9.9 8.8 13.2



#91

Dibenzo(a,h)anthracene

Concen: 41.852 ng

RT: 16.986 min Scan# 2533

Delta R.T. 0.018 min

Lab File: BF136929.D

Acq: 04 Jan 2024 02:38

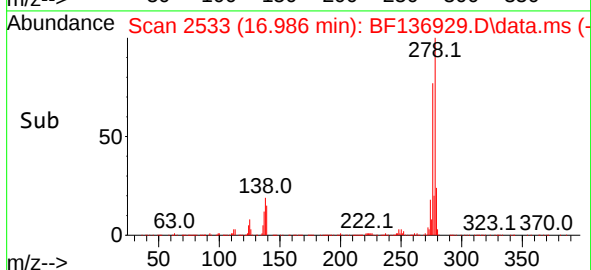
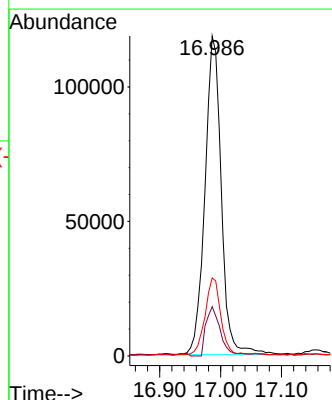
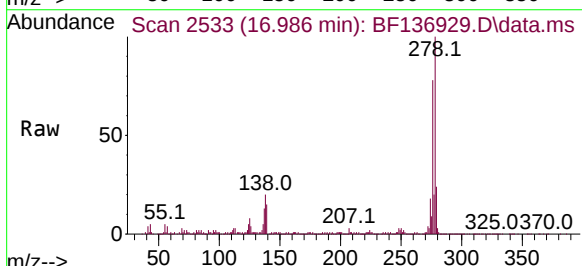
Tgt Ion:278 Resp: 221769

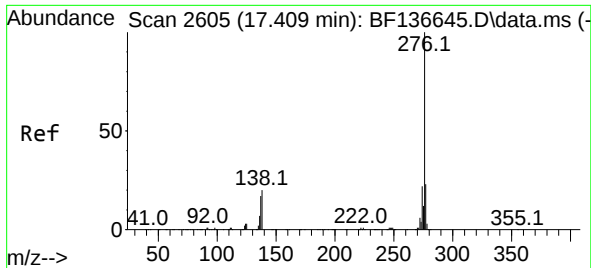
Ion Ratio Lower Upper

278 100

139 15.4 12.2 18.4

279 24.4 17.8 26.6





#92

Benzo(g,h,i)perylene

Concen: 40.417 ng

RT: 17.433 min Scan# 20

Delta R.T. 0.024 min

Lab File: BF136929.D

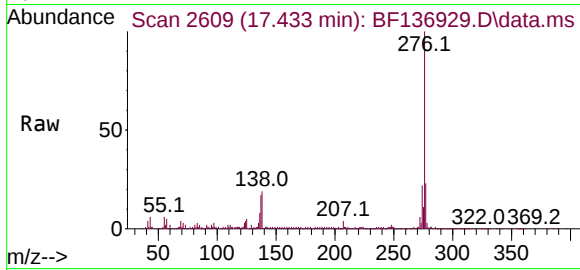
Acq: 04 Jan 2024 02:38

Instrument :

BNA_F

ClientSampleId :

BU-02-12282023MS



Tgt Ion:276 Resp: 219351

Ion Ratio Lower Upper

276 100

277 22.7 18.3 27.5

138 19.0 15.6 23.4

