

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136271.D
 Acq On : 29 Nov 2023 02:57
 Operator : CG\JU
 Sample : 05553-01MS 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-112723MS

Quant Time: Nov 29 03:29:26 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	6.804	152	97573	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	344893	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	152601	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	317172	20.000	ng	0.00
76) Chrysene-d12	13.986	240	233200	20.000	ng	0.00
86) Perylene-d12	15.468	264	158895	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	132670	18.925	ng	0.00
7) Phenol-d6	6.434	99	146993	16.770	ng	-0.01
23) Nitrobenzene-d5	7.357	82	85887	13.159	ng	-0.02
42) 2,4,6-Tribromophenol	10.628	330	36831	19.741	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	157189	13.157	ng	-0.01
79) Terphenyl-d14	12.927	244	225893	11.173	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	23766	8.960	ng	98
3) Pyridine	3.334	79	49363	7.539	ng	96
4) n-Nitrosodimethylamine	3.269	42	28242	8.533	ng	# 94
6) Aniline	6.469	93	58463	7.057	ng	97
8) 2-Chlorophenol	6.587	128	66337	8.691	ng	97
9) Benzaldehyde	6.357	77	10256	2.099	ng	92
10) Phenol	6.445	94	80770	8.589	ng	91
11) bis(2-Chloroethyl)ether	6.540	93	64426	9.339	ng	97
12) 1,3-Dichlorobenzene	6.745	146	74218	8.568	ng	97
13) 1,4-Dichlorobenzene	6.822	146	74957	8.512	ng	95
14) 1,2-Dichlorobenzene	6.975	146	70766	8.488	ng	96
15) Benzyl Alcohol	6.940	79	50497	8.217	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.081	45	85686	8.942	ng	99
17) 2-Methylphenol	7.051	107	50074	8.344	ng	96
18) Hexachloroethane	7.316	117	22263	7.208	ng	# 84
19) n-Nitroso-di-n-propyla...	7.204	70	45710	8.719	ng	98
20) 3+4-Methylphenols	7.204	107	62506	8.014	ng	# 85
22) Acetophenone	7.210	105	95346	10.526	ng	# 86
24) Nitrobenzene	7.381	77	62391	9.433	ng	96
25) Isophorone	7.616	82	114035	9.690	ng	96
26) 2-Nitrophenol	7.698	139	25738	9.133	ng	99
27) 2,4-Dimethylphenol	7.734	122	44332	11.952	ng	94
28) bis(2-Chloroethoxy)met...	7.834	93	71586	10.056	ng	97
29) 2,4-Dichlorophenol	7.934	162	42914	8.578	ng	91
30) 1,2,4-Trichlorobenzene	8.022	180	55172	9.007	ng	98
31) Naphthalene	8.104	128	177933	9.179	ng	98
32) Benzoic acid	7.792	122	23755	7.027	ng	97
33) 4-Chloroaniline	8.151	127	45646	6.927	ng	98
34) Hexachlorobutadiene	8.222	225	33936	9.470	ng	97
35) Caprolactam	8.487	113	13111	9.374	ng	88
36) 4-Chloro-3-methylphenol	8.628	107	44648	8.228	ng	94
37) 2-Methylnaphthalene	8.792	142	104183	8.567	ng	98
38) 1-Methylnaphthalene	8.892	142	101370	8.545	ng	91
40) 1,2,4,5-Tetrachloroben...	8.957	216	50788	10.458	ng	97
41) Hexachlorocyclopentadiene	8.945	237	6304	3.373	ng	89
43) 2,4,6-Trichlorophenol	9.069	196	29398	9.326	ng	94

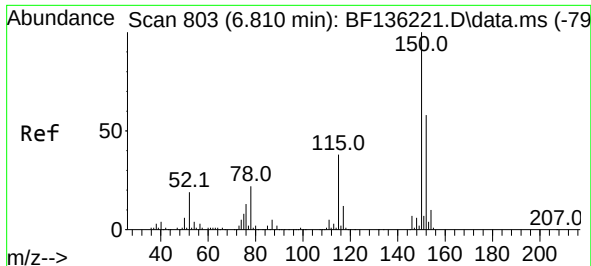
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	31757	9.232	ng	97
46) 1,1'-Biphenyl	9.257	154	132904	9.876	ng	95
47) 2-Chloronaphthalene	9.281	162	98170	9.394	ng	98
48) 2-Nitroaniline	9.375	65	25708	9.422	ng	97
49) Acenaphthylene	9.698	152	153502	10.293	ng	98
50) Dimethylphthalate	9.557	163	115450	10.010	ng	98
51) 2,6-Dinitrotoluene	9.622	165	21234	9.012	ng	92
52) Acenaphthene	9.869	154	90973	9.653	ng	91
53) 3-Nitroaniline	9.786	138	21335	9.125	ng	96
55) Dibenzofuran	10.045	168	134938	9.622	ng	96
56) 4-Nitrophenol	9.945	139	36444	20.524	ng	88
57) 2,4-Dinitrotoluene	10.022	165	26829	8.524	ng	93
58) Fluorene	10.386	166	110961	10.087	ng	94
59) 2,3,4,6-Tetrachlorophenol	10.163	232	28384	10.370	ng	97
60) Diethylphthalate	10.263	149	111717	9.683	ng	97
61) 4-Chlorophenyl-phenyle...	10.381	204	53957	10.100	ng	98
62) 4-Nitroaniline	10.398	138	24660	10.775	ng	94
63) Azobenzene	10.539	77	100256	9.373	ng	98
66) n-Nitrosodiphenylamine	10.498	169	94120	9.260	ng	98
67) 4-Bromophenyl-phenylether	10.875	248	31997	8.647	ng	93
68) Hexachlorobenzene	10.933	284	37054	8.652	ng	# 90
69) Atrazine	11.028	200	33838	11.223	ng	94
70) Pentachlorophenol	11.133	266	42537	17.572	ng	97
71) Phenanthrene	11.351	178	185081	10.382	ng	98
72) Anthracene	11.404	178	186294	10.421	ng	97
73) Carbazole	11.563	167	159180	10.469	ng	99
74) Di-n-butylphthalate	11.898	149	202946	10.668	ng	97
75) Fluoranthene	12.545	202	220282	12.172	ng	93
77) Benzidine	12.674	184	61796	16.120	ng	98
78) Pyrene	12.774	202	227445	8.906	ng	95
80) Butylbenzylphthalate	13.410	149	90502	11.386	ng	98
81) Benzo(a)anthracene	13.974	228	171199	9.884	ng	96
82) 3,3'-Dichlorobenzidine	13.939	252	44202	10.601	ng	98
83) Chrysene	14.010	228	158265	9.463	ng	94
84) Bis(2-ethylhexyl)phtha...	13.974	149	133472	13.992	ng	# 100
85) Di-n-octyl phthalate	14.592	149	204802	16.960	ng	# 95
87) Indeno(1,2,3-cd)pyrene	16.968	276	94870	10.221	ng	96
88) Benzo(b)fluoranthene	15.027	252	112366	10.080	ng	# 94
89) Benzo(k)fluoranthene	15.057	252	101409	9.578	ng	# 94
90) Benzo(a)pyrene	15.404	252	87202	9.569	ng	# 91
91) Dibenzo(a,h)anthracene	16.992	278	76242	10.259	ng	# 90
92) Benzo(g,h,i)perylene	17.421	276	78297	9.762	ng	95

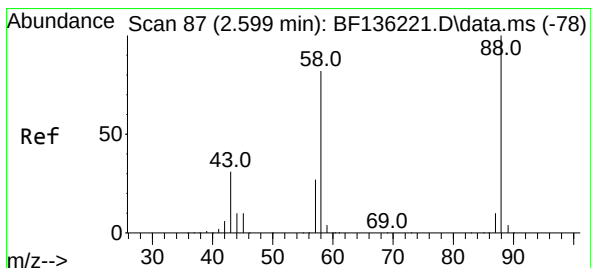
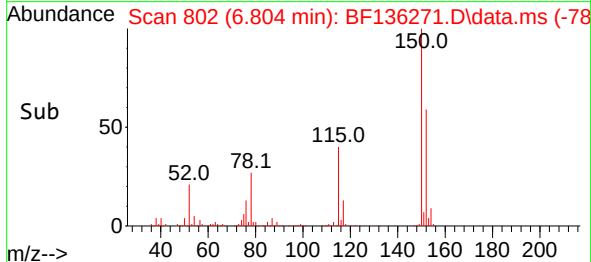
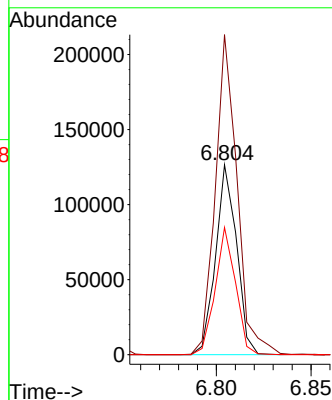
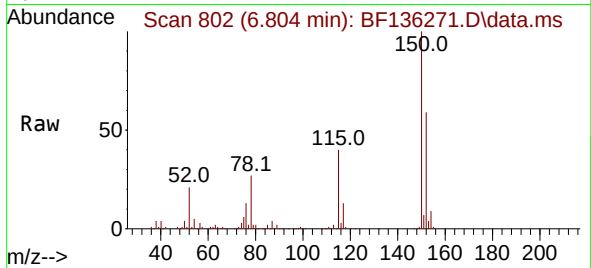
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136271.D
 Acq: 29 Nov 2023 02:57

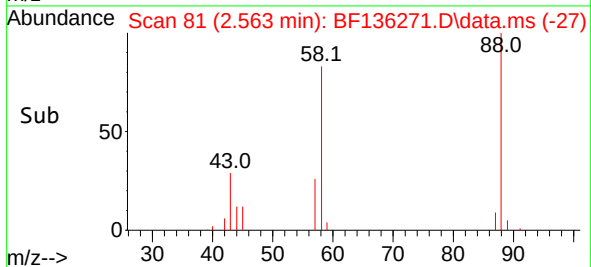
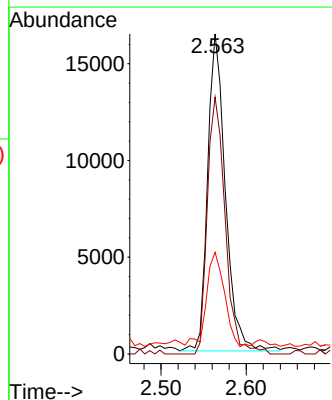
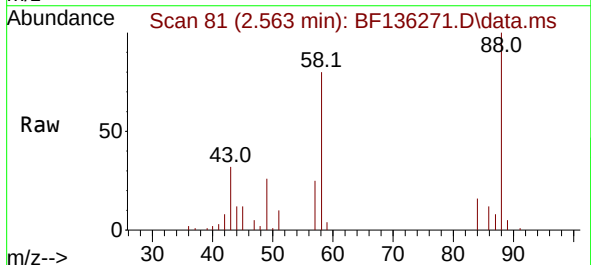
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-112723MS

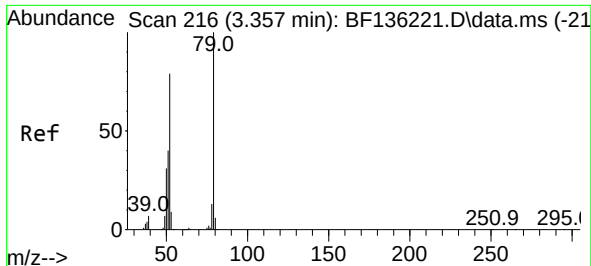
Tgt Ion:152 Resp: 97573
 Ion Ratio Lower Upper
 152 100
 150 168.5 137.8 206.8
 115 67.0 52.7 79.1



#2
 1,4-Dioxane
 Concen: 8.960 ng
 RT: 2.563 min Scan# 81
 Delta R.T. -0.035 min
 Lab File: BF136271.D
 Acq: 29 Nov 2023 02:57

Tgt Ion: 88 Resp: 23766
 Ion Ratio Lower Upper
 88 100
 58 81.4 65.9 98.9
 43 29.4 24.8 37.2

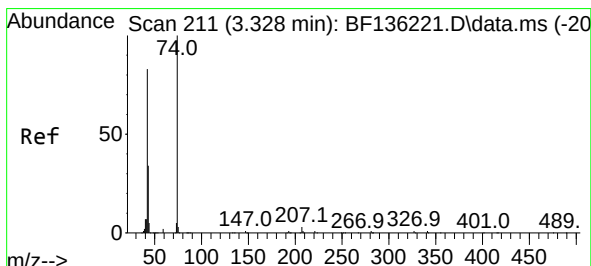
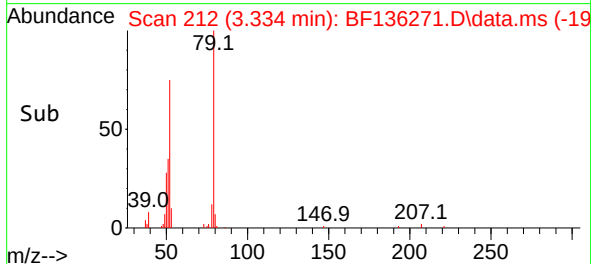
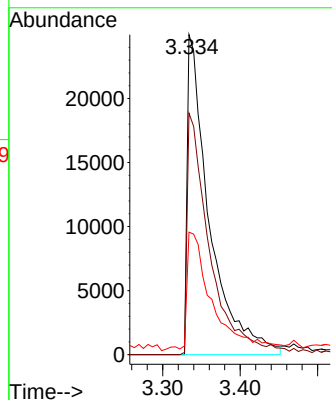
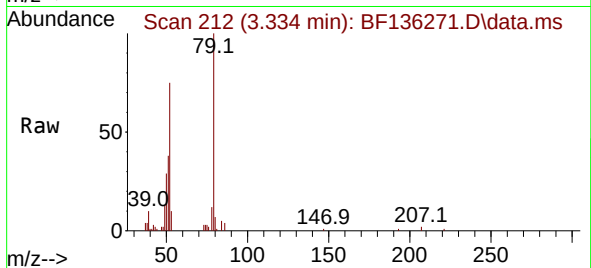




#3
Pyridine
Concen: 7.539 ng
RT: 3.334 min Scan# 216
Delta R.T. -0.023 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

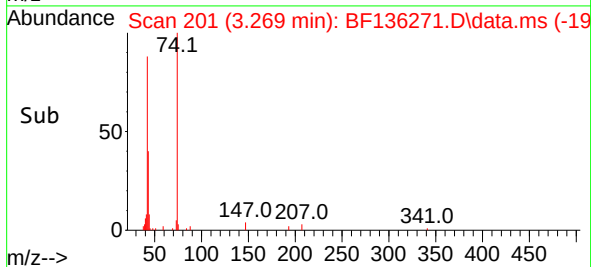
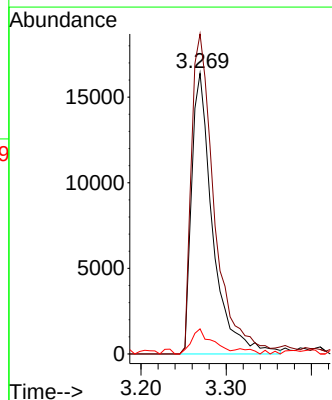
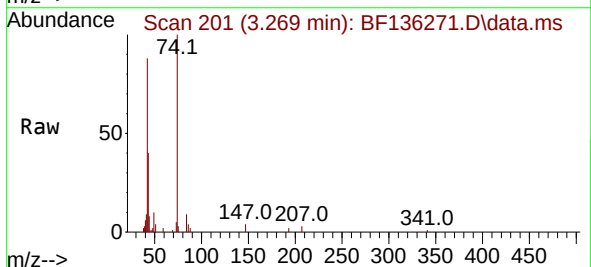
Instrument :
BNA_F
ClientSampleId :
HD-01-112723MS

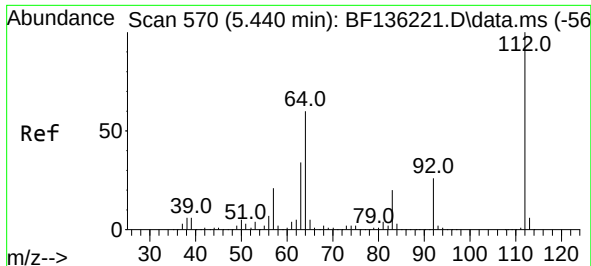
Tgt Ion: 79 Resp: 49363
Ion Ratio Lower Upper
79 100
52 75.4 63.2 94.8
51 38.3 32.6 49.0



#4
n-Nitrosodimethylamine
Concen: 8.533 ng
RT: 3.269 min Scan# 201
Delta R.T. -0.059 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

Tgt Ion: 42 Resp: 28242
Ion Ratio Lower Upper
42 100
74 114.0 96.6 144.8
44 9.0 5.4 8.2

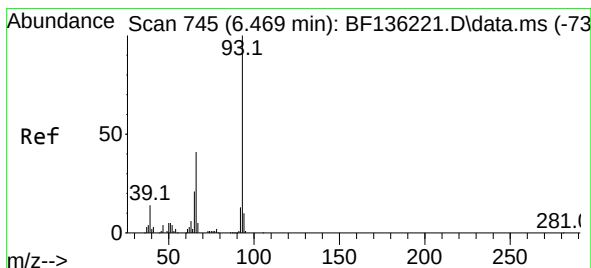
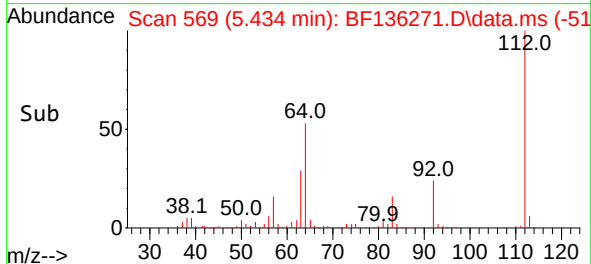
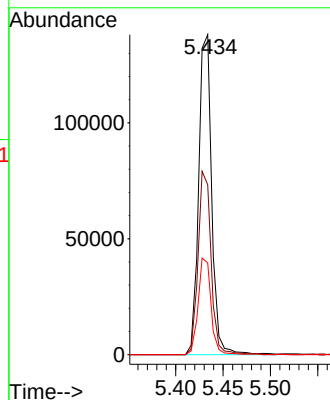
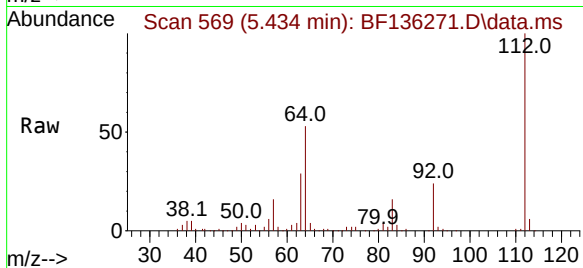




#5
2-Fluorophenol
Concen: 18.925 ng
RT: 5.434 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

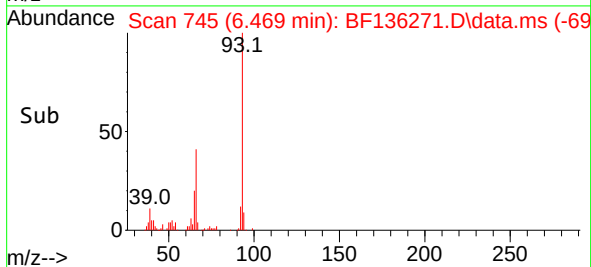
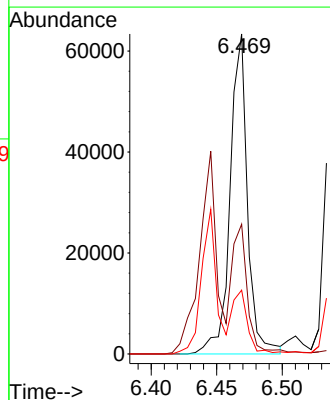
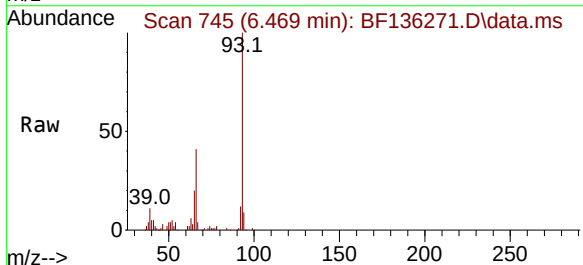
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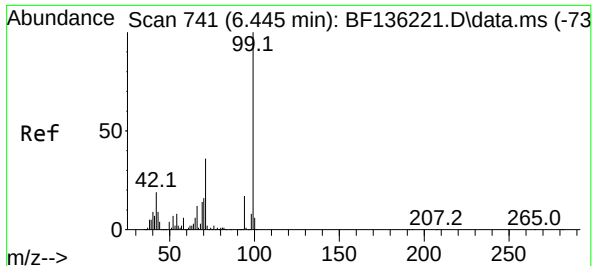
Tgt Ion:112 Resp: 132670
Ion Ratio Lower Upper
112 100
64 53.1 48.2 72.4
63 28.7 27.0 40.6



#6
Aniline
Concen: 7.057 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

Tgt Ion: 93 Resp: 58463
Ion Ratio Lower Upper
93 100
66 40.6 34.1 51.1
65 20.0 17.3 25.9

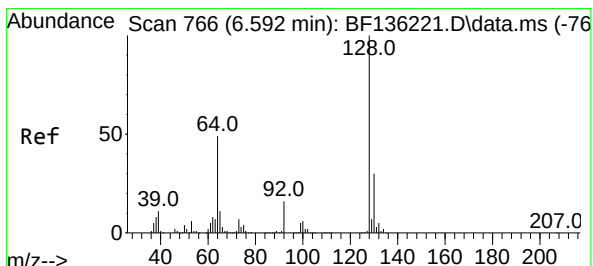
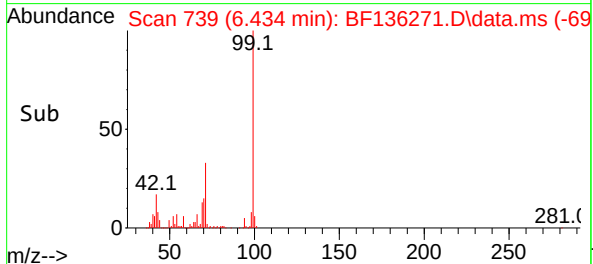
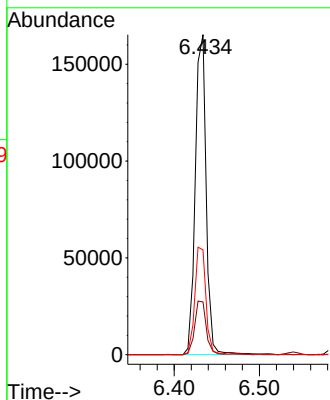
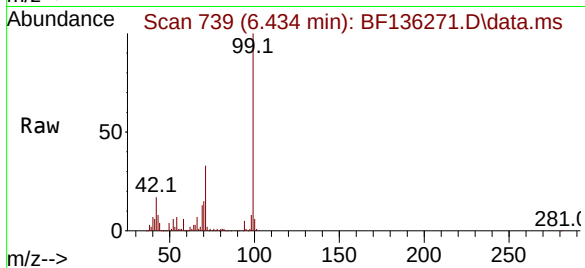




#7
Phenol-d6
Concen: 16.770 ng
RT: 6.434 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

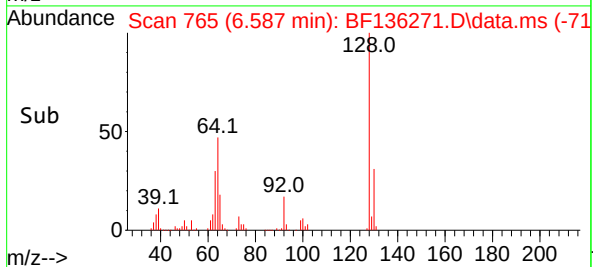
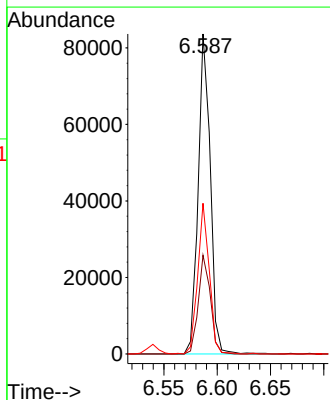
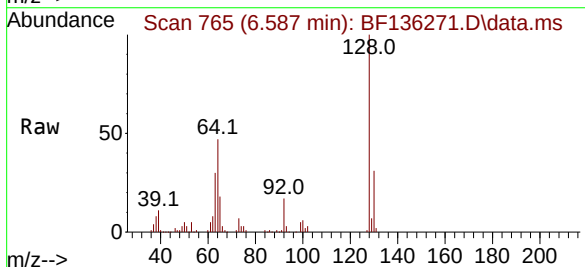
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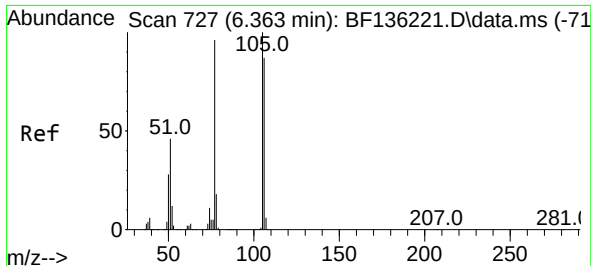
Tgt Ion: 99 Resp: 146993
Ion Ratio Lower Upper
99 100
42 16.5 15.0 22.6
71 32.8 28.9 43.3



#8
2-Chlorophenol
Concen: 8.691 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

Tgt Ion: 128 Resp: 66337
Ion Ratio Lower Upper
128 100
130 30.9 10.3 50.3
64 47.1 30.0 70.0





#9

Benzaldehyde

Concen: 2.099 ng

RT: 6.357 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

Instrument :

BNA_F

ClientSampleId :

HD-01-112723MS

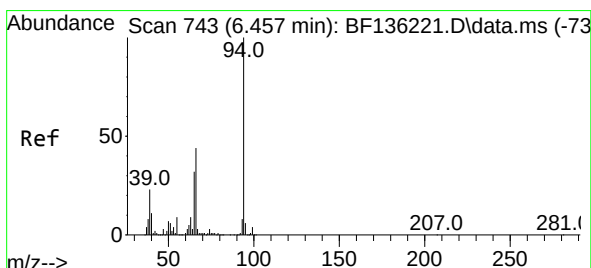
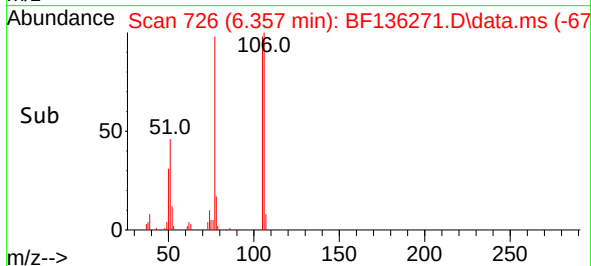
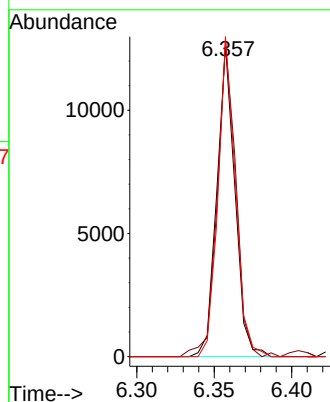
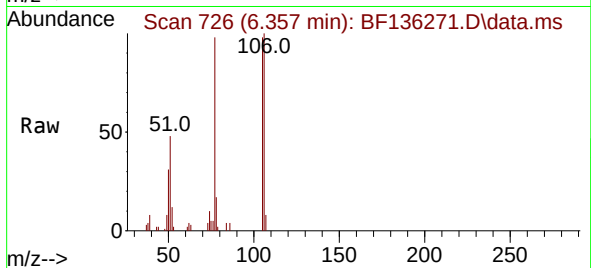
Tgt Ion: 77 Resp: 10256

Ion Ratio Lower Upper

77 100

105 100.6 84.3 124.3

106 102.5 71.0 111.0



#10

Phenol

Concen: 8.589 ng

RT: 6.445 min Scan# 741

Delta R.T. -0.012 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

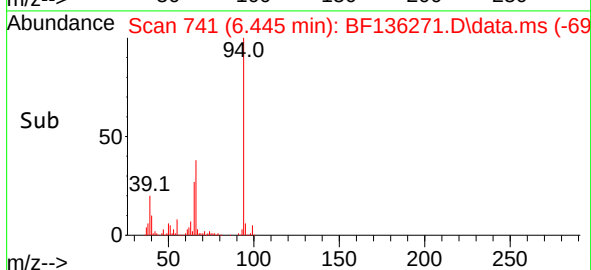
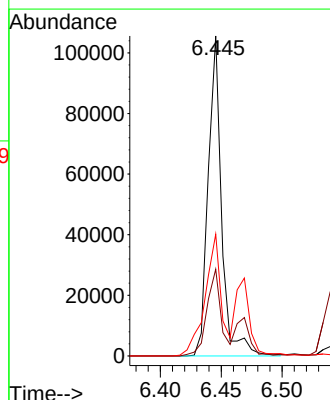
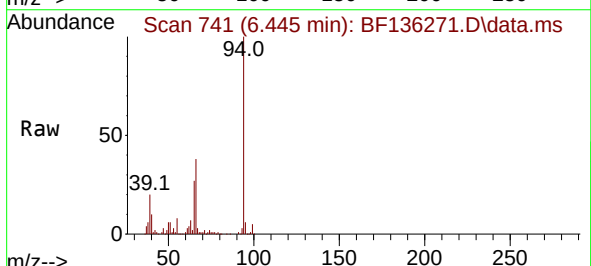
Tgt Ion: 94 Resp: 80770

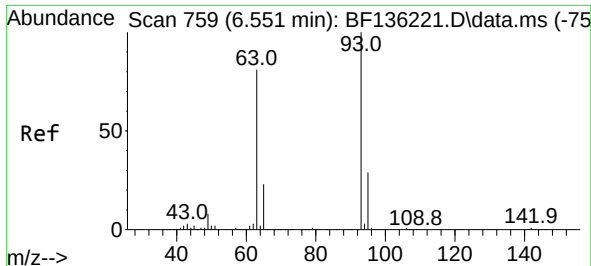
Ion Ratio Lower Upper

94 100

65 27.1 12.5 52.5

66 38.0 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 9.339 ng

RT: 6.540 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

Instrument :

BNA_F

ClientSampleId :

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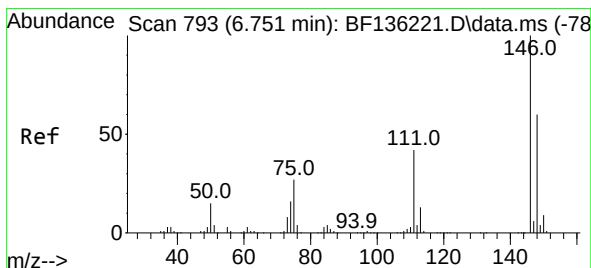
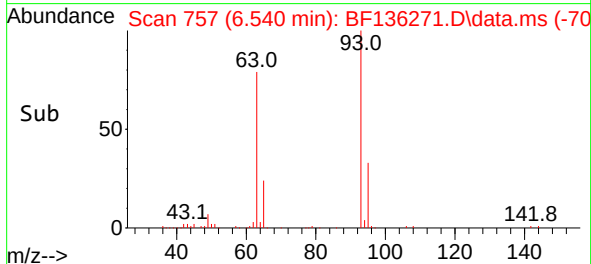
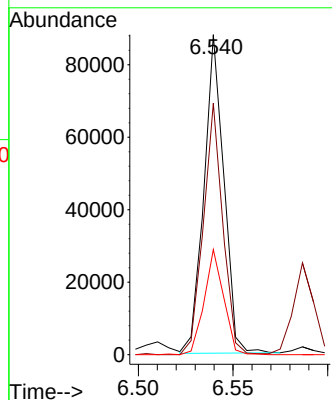
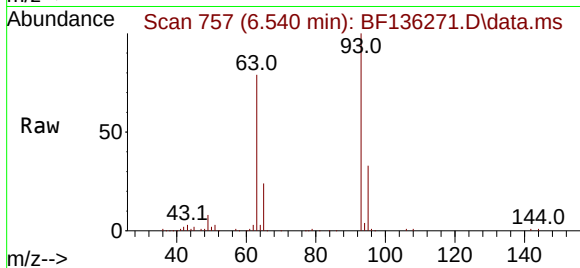
Tgt Ion: 93 Resp: 64426

Ion Ratio Lower Upper

93 100

63 78.6 60.2 100.2

95 32.9 9.1 49.1



#12

1,3-Dichlorobenzene

Concen: 8.568 ng

RT: 6.745 min Scan# 792

Delta R.T. -0.006 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

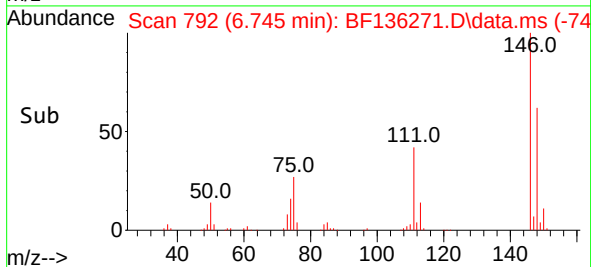
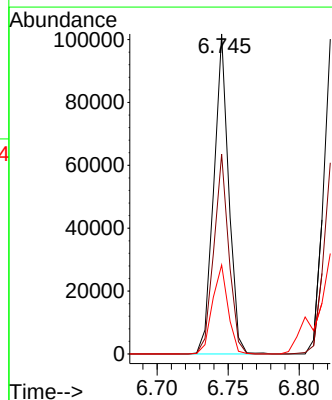
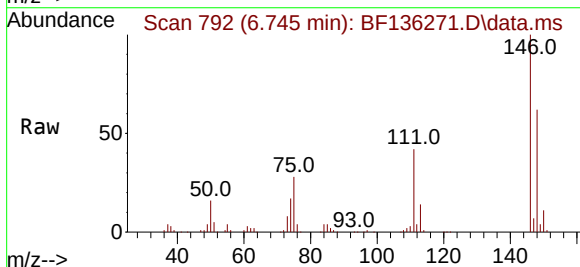
Tgt Ion: 146 Resp: 74218

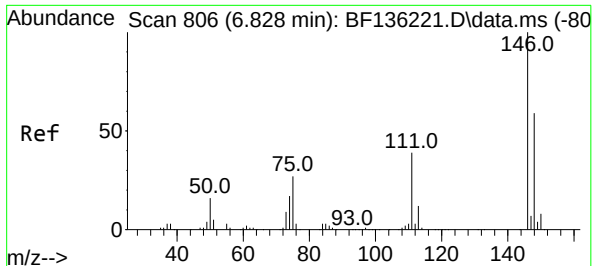
Ion Ratio Lower Upper

146 100

148 62.4 47.8 71.6

75 27.8 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 8.512 ng

RT: 6.822 min Scan# 806

Delta R.T. -0.006 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

Instrument :

BNA_F

ClientSampleId :

HD-01-112723MS

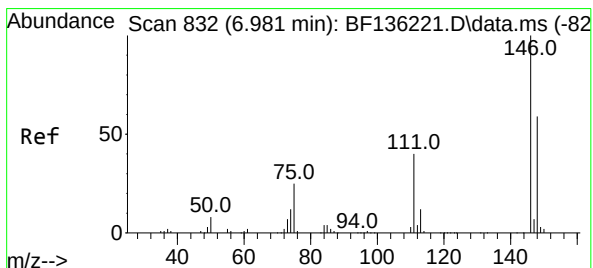
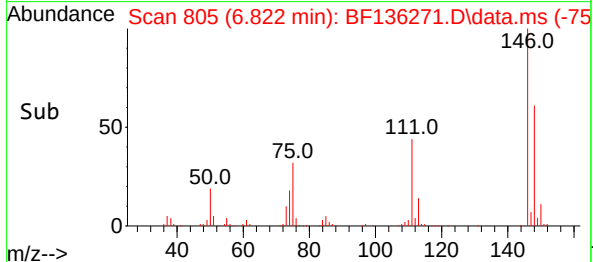
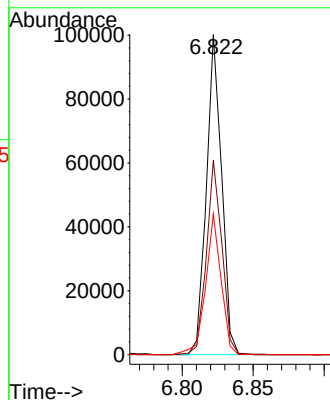
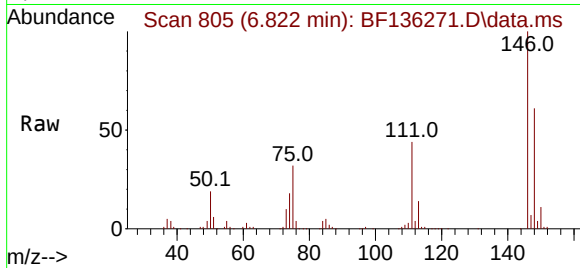
Tgt Ion:146 Resp: 74957

Ion Ratio Lower Upper

146 100

148 60.7 47.0 70.6

111 43.9 31.5 47.3



#14

1,2-Dichlorobenzene

Concen: 8.488 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

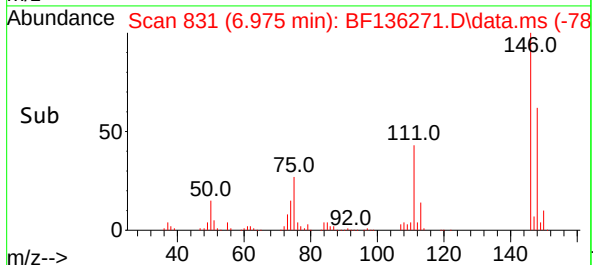
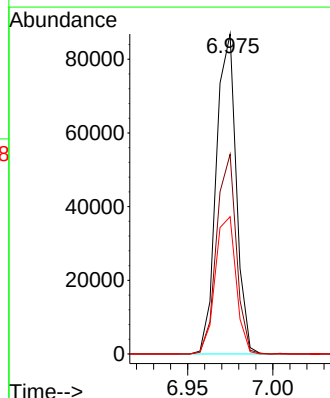
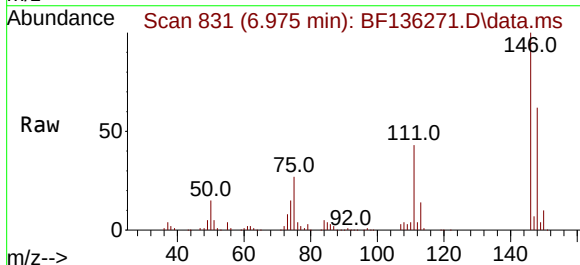
Tgt Ion:146 Resp: 70766

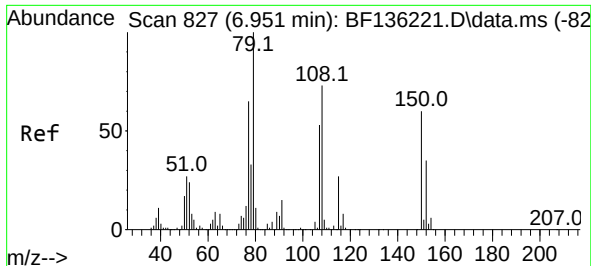
Ion Ratio Lower Upper

146 100

148 62.4 47.3 70.9

111 42.9 32.4 48.6

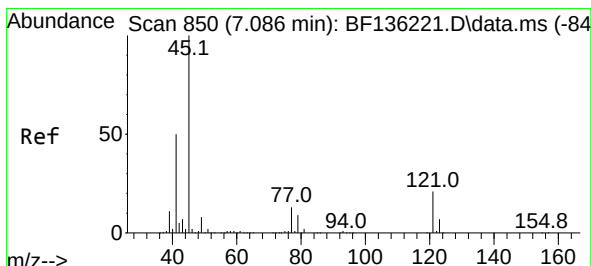
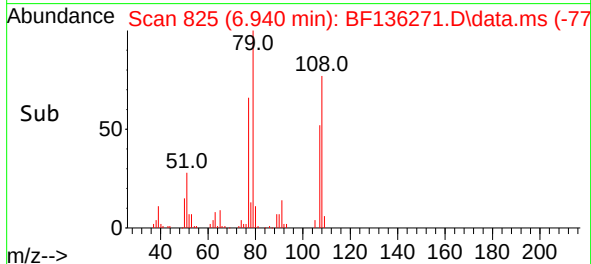
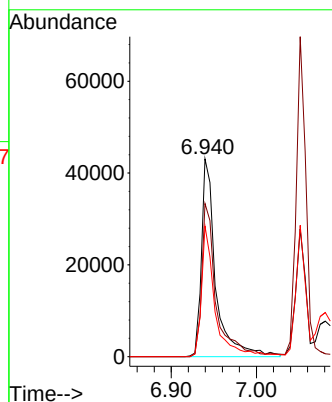
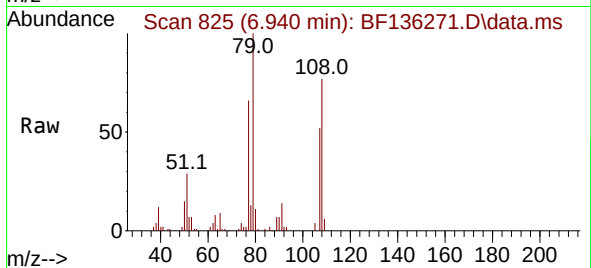




#15
Benzyl Alcohol
Concen: 8.217 ng
RT: 6.940 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

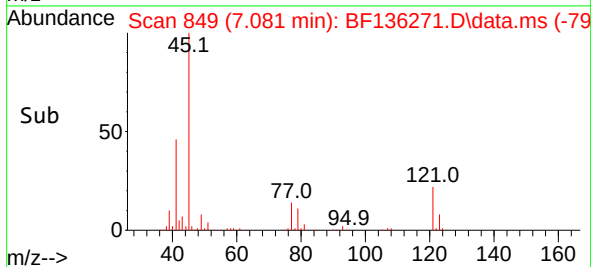
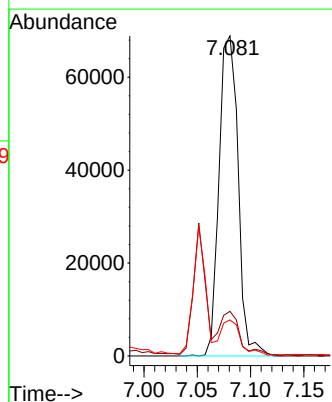
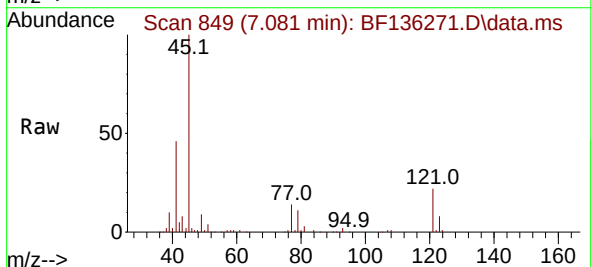
Instrument :
BNA_F
ClientSampleId :
HD-01-112723MS

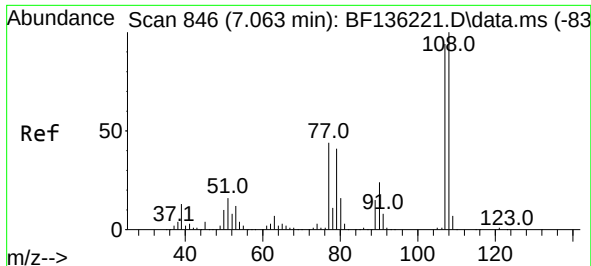
Tgt Ion: 79 Resp: 50497
Ion Ratio Lower Upper
79 100
108 77.4 58.1 87.1
77 66.0 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.942 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

Tgt Ion: 45 Resp: 85686
Ion Ratio Lower Upper
45 100
77 13.9 0.0 34.0
79 11.2 0.0 30.1

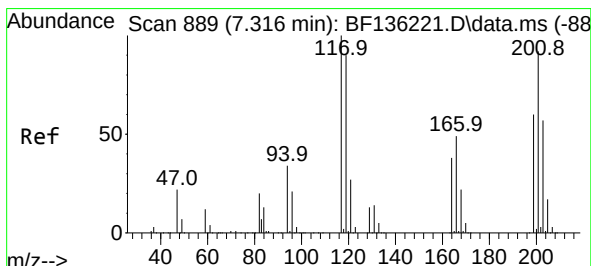
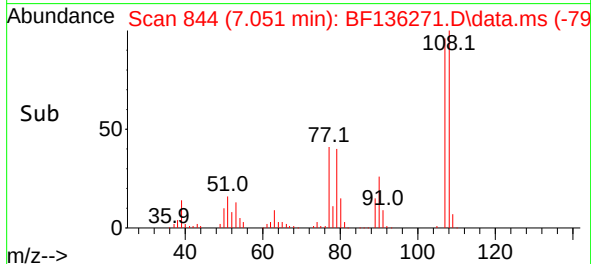
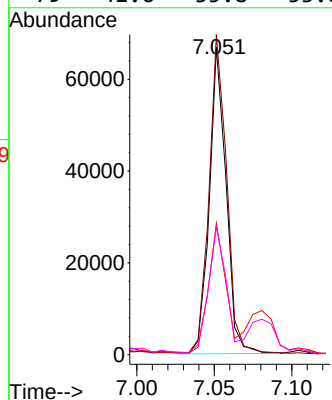
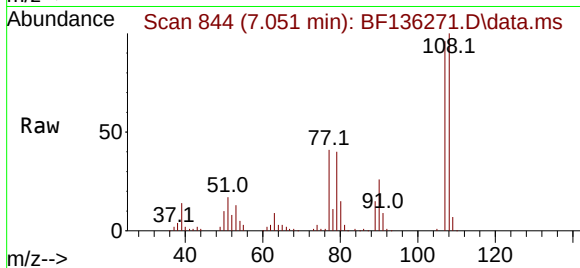




#17
2-Methylphenol
Concen: 8.344 ng
RT: 7.051 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

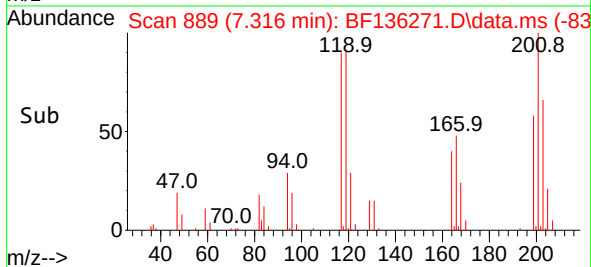
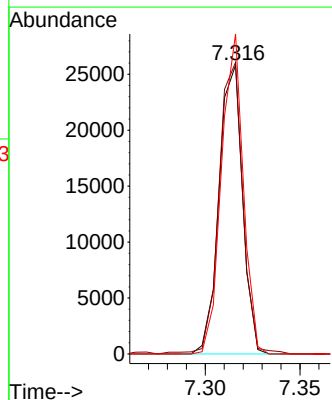
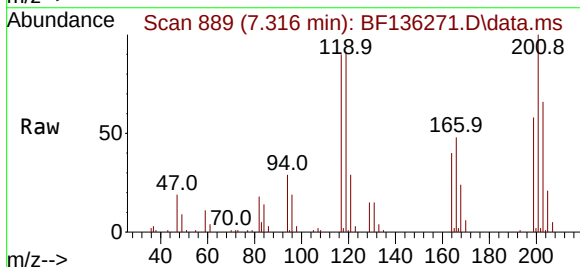
Instrument :
BNA_F
ClientSampleId :
HD-01-112723MS

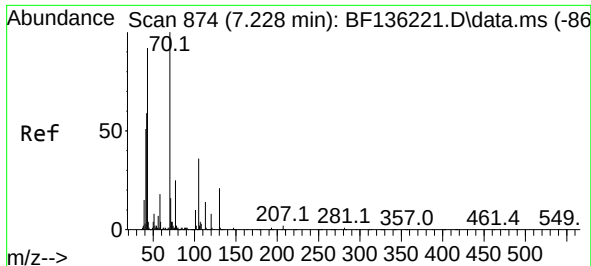
Tgt Ion:	107	Resp:	50074
Ion	Ratio	Lower	Upper
107	100		
108	104.2	85.4	128.0
77	42.8	37.4	56.2
79	41.6	35.8	53.8



#18
Hexachloroethane
Concen: 7.208 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

Tgt Ion:	117	Resp:	22263
Ion	Ratio	Lower	Upper
117	100		
119	101.0	71.6	107.4
201	110.8	73.4	110.2

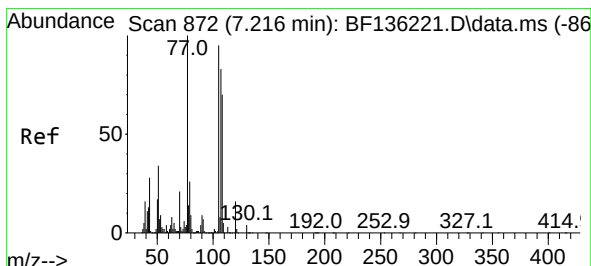
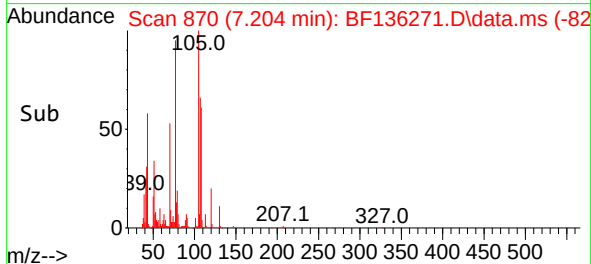
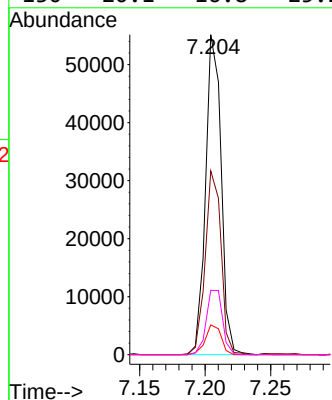
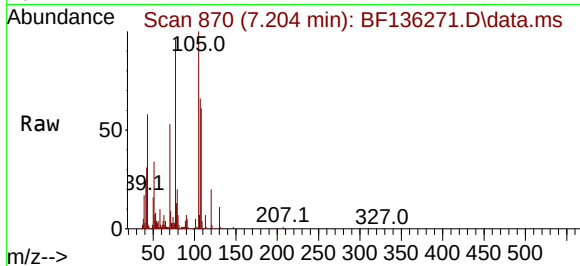




#19
n-Nitroso-di-n-propylamine
Concen: 8.719 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.023 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

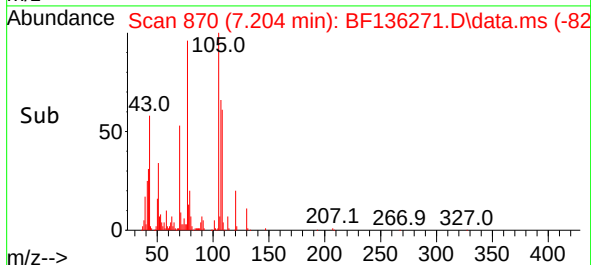
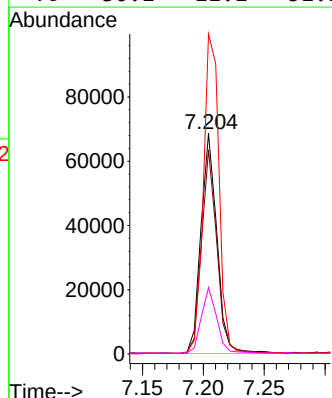
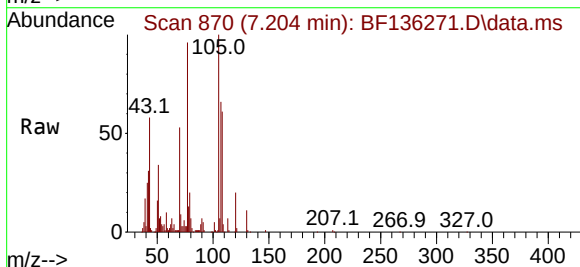
Instrument :
BNA_F
ClientSampleId :
HD-01-112723MS

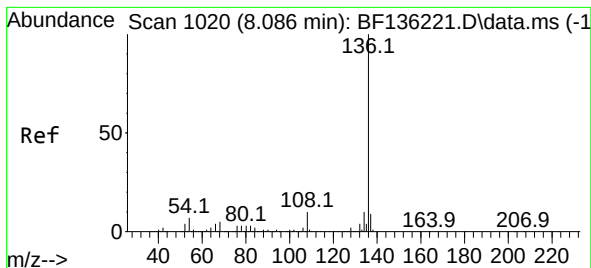
Tgt Ion: 70	Resp: 45710
Ion Ratio	Lower Upper
70 100	
42 57.4	47.0 70.4
101 9.3	7.8 11.8
130 20.1	16.8 25.2



#20
3+4-Methylphenols
Concen: 8.014 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

Tgt Ion: 107	Resp: 62506
Ion Ratio	Lower Upper
107 100	
108 92.6	63.9 103.9
77 145.2	100.2 140.2#
79 30.1	11.1 51.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.081 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

Instrument :

BNA_F

ClientSampleId :

HD-01-112723MS

Tgt Ion:136 Resp: 344893

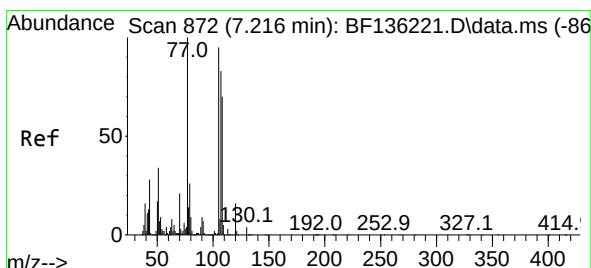
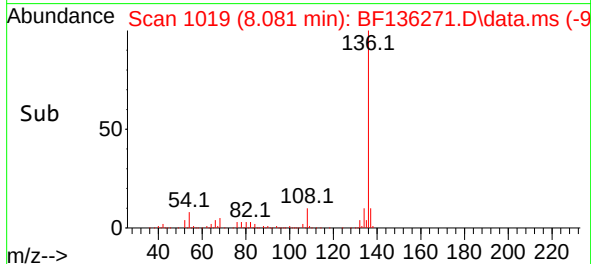
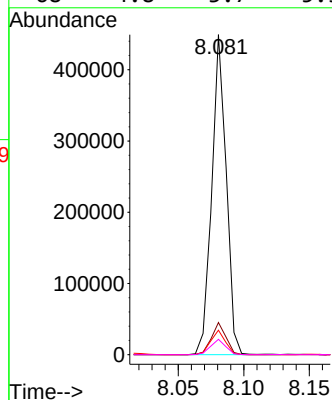
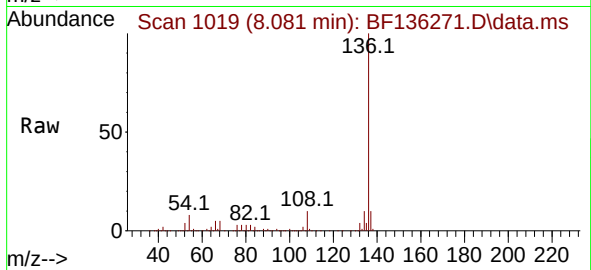
Ion Ratio Lower Upper

136 100

137 10.1 7.4 11.2

54 7.7 5.5 8.3

68 4.8 3.7 5.5



#22

Acetophenone

Concen: 10.526 ng

RT: 7.210 min Scan# 871

Delta R.T. -0.006 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

Tgt Ion:105 Resp: 95346

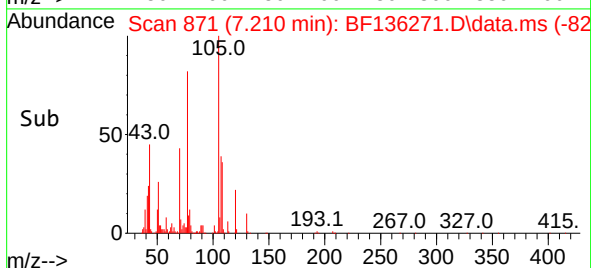
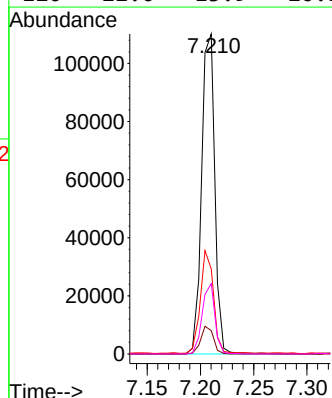
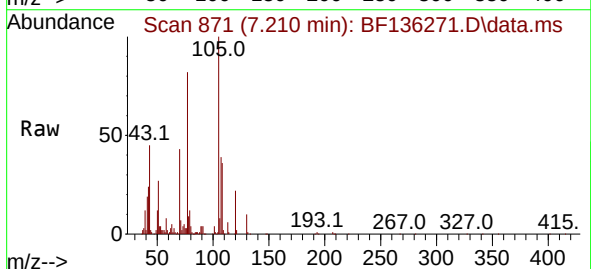
Ion Ratio Lower Upper

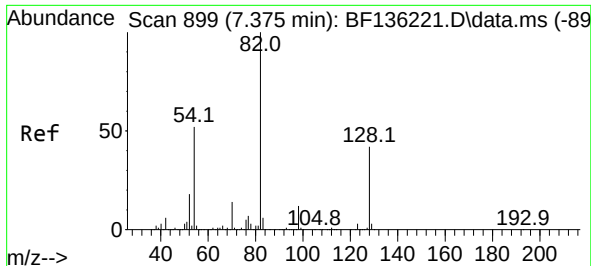
105 100

71 7.3 2.8 4.2#

51 26.6 29.0 43.6#

120 22.0 13.9 20.9#





#23

Nitrobenzene-d5

Concen: 13.159 ng

RT: 7.357 min Scan# 899

Delta R.T. -0.018 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

Instrument :

BNA_F

ClientSampleId :

HD-01-112723MS

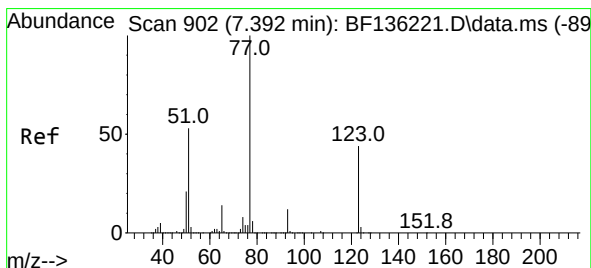
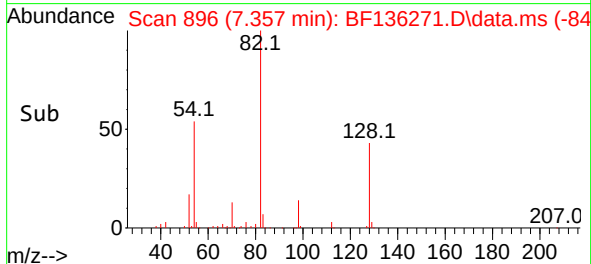
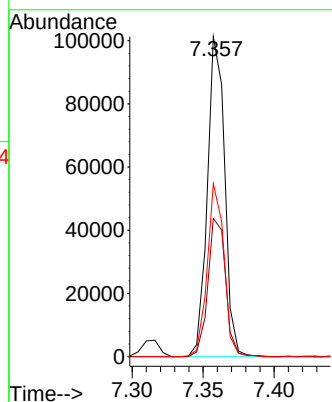
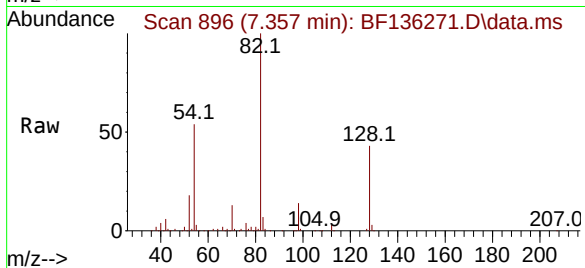
Tgt Ion: 82 Resp: 85887

Ion Ratio Lower Upper

82 100

128 43.2 33.4 50.2

54 54.1 41.7 62.5



#24

Nitrobenzene

Concen: 9.433 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.012 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

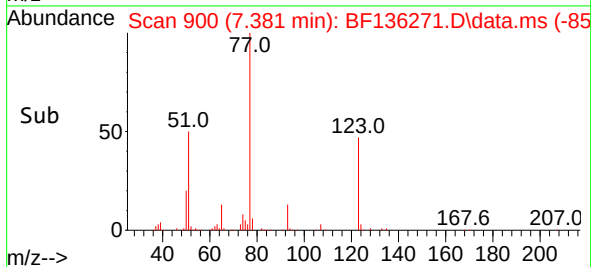
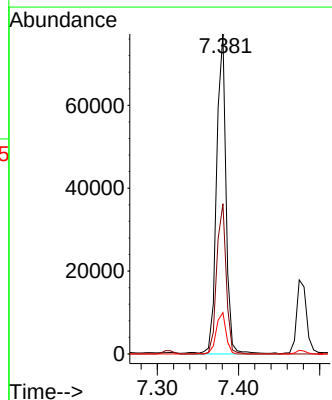
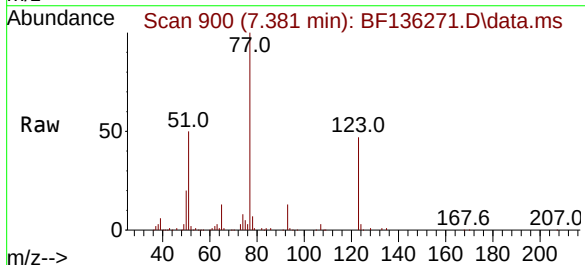
Tgt Ion: 77 Resp: 62391

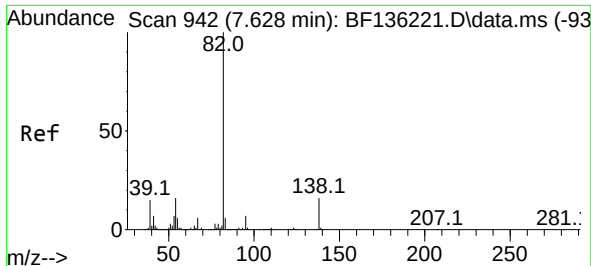
Ion Ratio Lower Upper

77 100

123 46.9 35.4 53.2

65 12.9 11.0 16.6

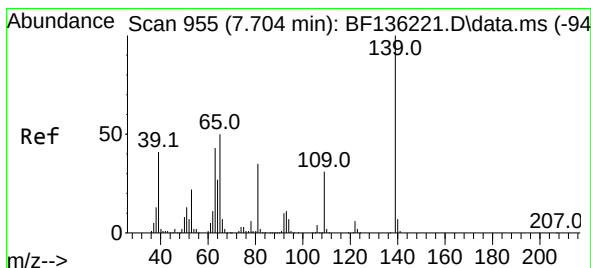
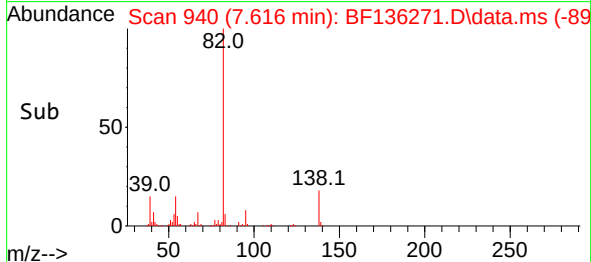
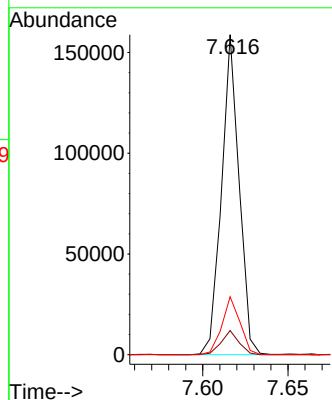
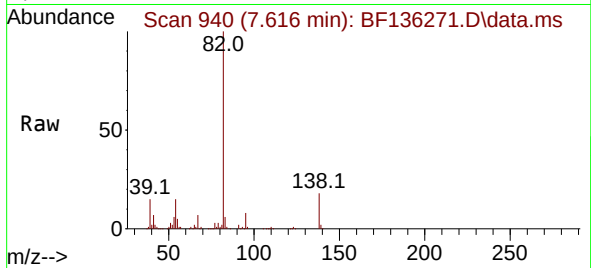




#25
Isophorone
Concen: 9.690 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

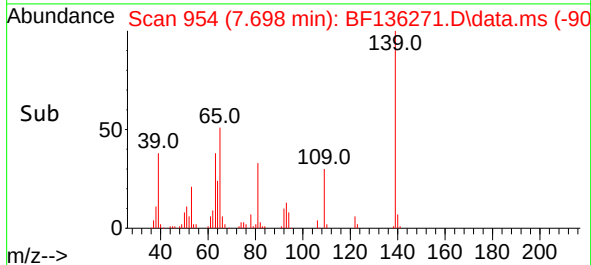
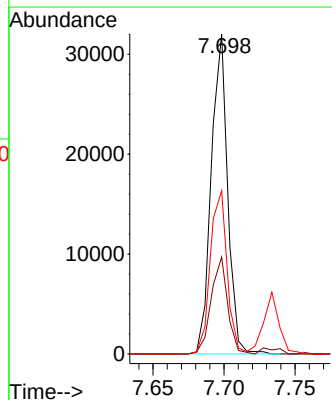
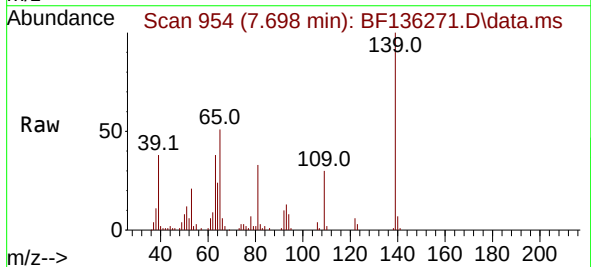
Instrument :
BNA_F
ClientSampleId :
HD-01-112723MS

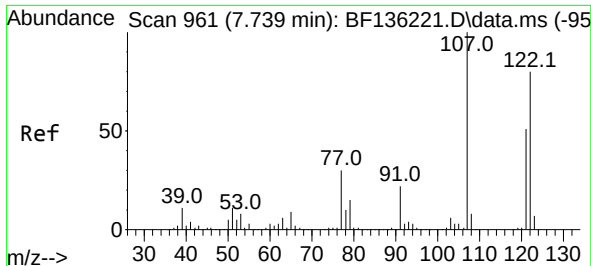
Tgt Ion: 82 Resp: 114035
Ion Ratio Lower Upper
82 100
95 7.6 5.5 8.3
138 18.1 12.8 19.2



#26
2-Nitrophenol
Concen: 9.133 ng
RT: 7.698 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

Tgt Ion: 139 Resp: 25738
Ion Ratio Lower Upper
139 100
109 30.3 25.0 37.6
65 51.0 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 11.952 ng

RT: 7.734 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

Instrument :

BNA_F

ClientSampleId :

HD-01-112723MS

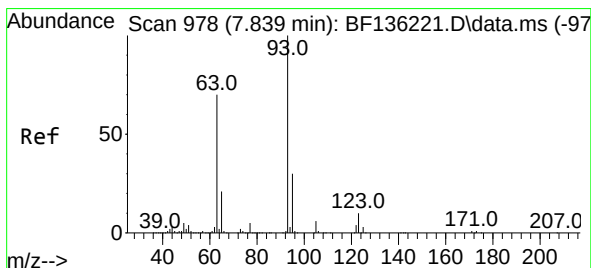
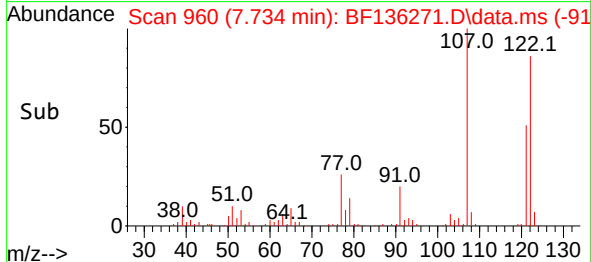
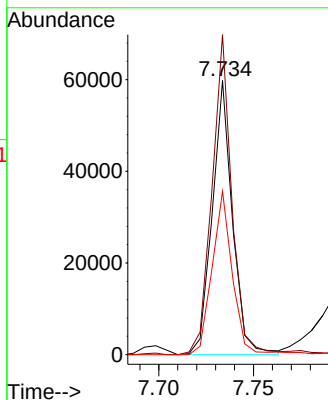
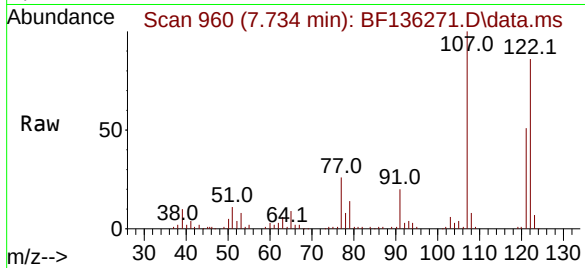
Tgt Ion:122 Resp: 44332

Ion Ratio Lower Upper

122 100

107 116.7 100.0 150.0

121 59.6 50.7 76.1



#28

bis(2-Chloroethoxy)methane

Concen: 10.056 ng

RT: 7.834 min Scan# 977

Delta R.T. -0.006 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

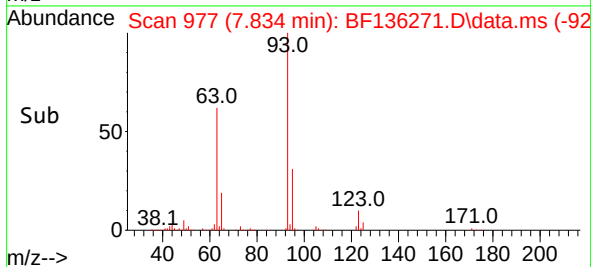
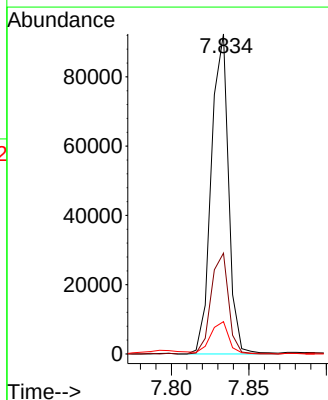
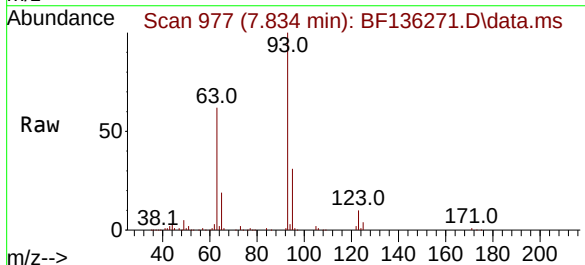
Tgt Ion: 93 Resp: 71586

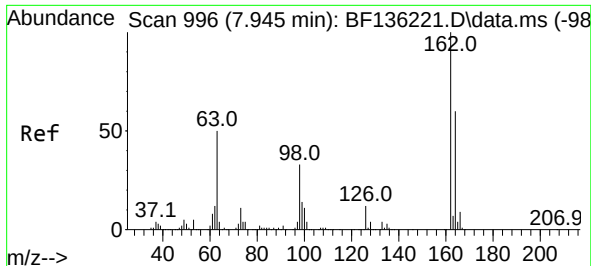
Ion Ratio Lower Upper

93 100

95 31.5 23.8 35.6

123 10.1 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 8.578 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

Instrument :

BNA_F

ClientSampleId :

HD-01-112723MS

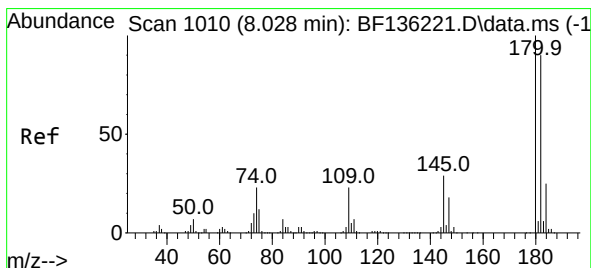
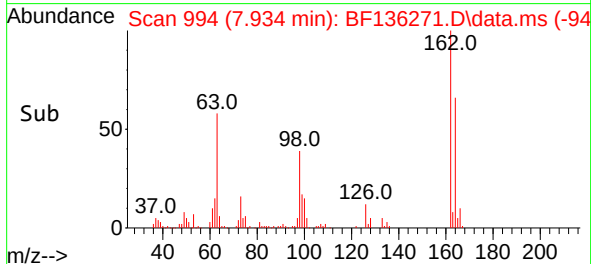
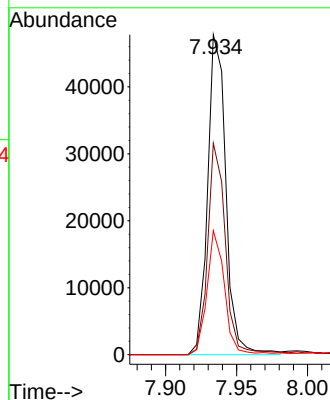
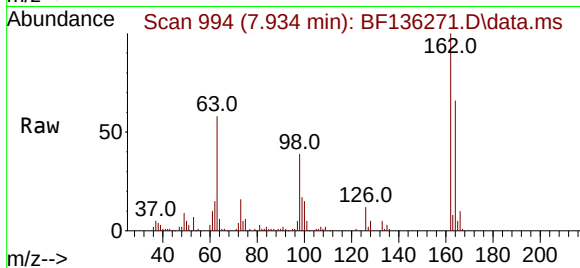
Tgt Ion:162 Resp: 42914

Ion Ratio Lower Upper

162 100

164 66.1 40.3 80.3

98 38.7 13.0 53.0



#30

1,2,4-Trichlorobenzene

Concen: 9.007 ng

RT: 8.022 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

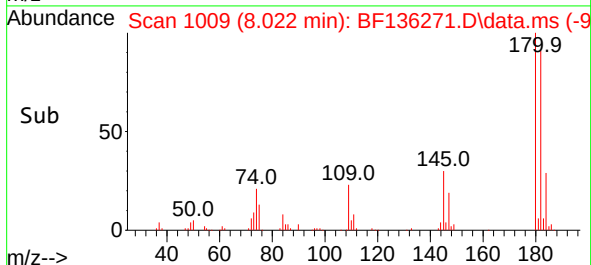
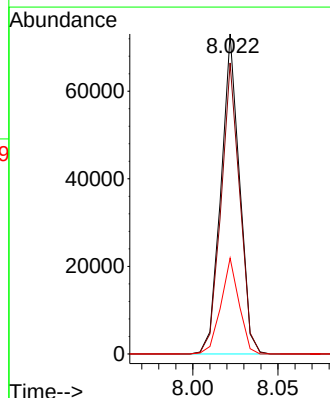
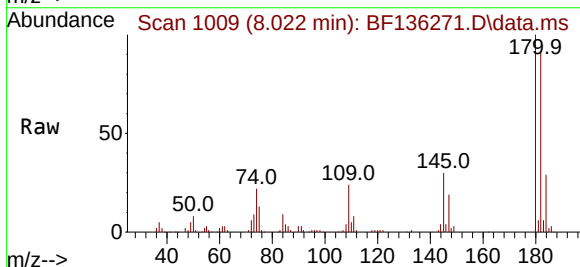
Tgt Ion:180 Resp: 55172

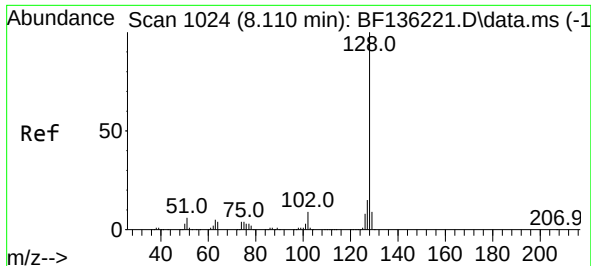
Ion Ratio Lower Upper

180 100

182 90.9 71.6 107.4

145 30.0 23.0 34.4

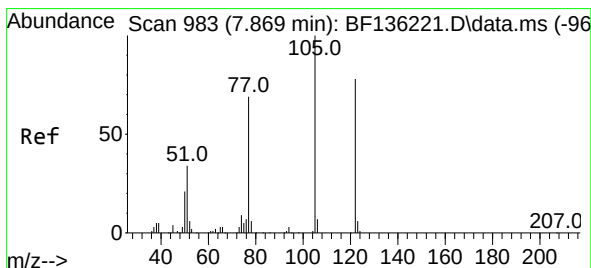
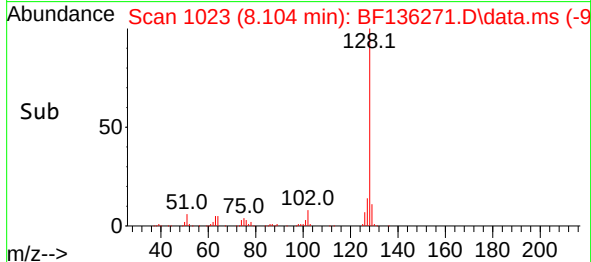
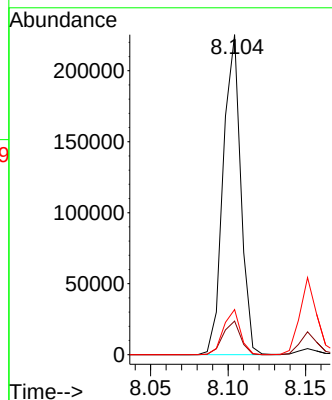
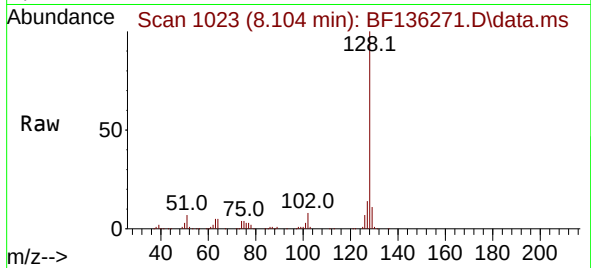




#31
Naphthalene
Concen: 9.179 ng
RT: 8.104 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

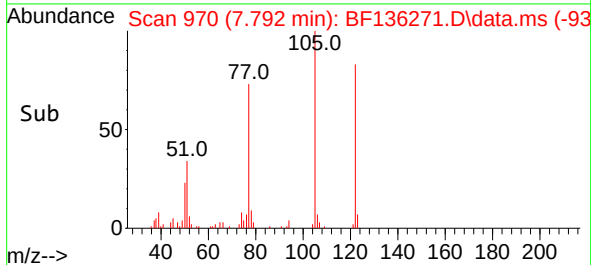
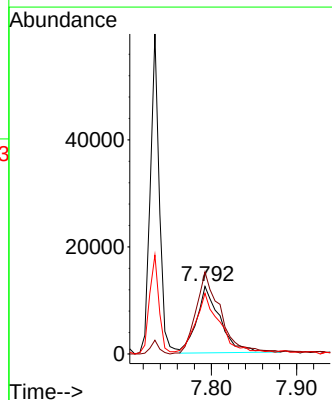
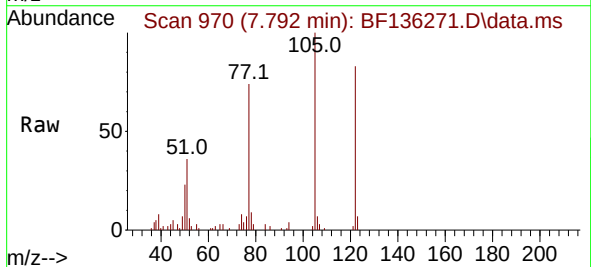
Instrument :
BNA_F
ClientSampleId :
HD-01-112723MS

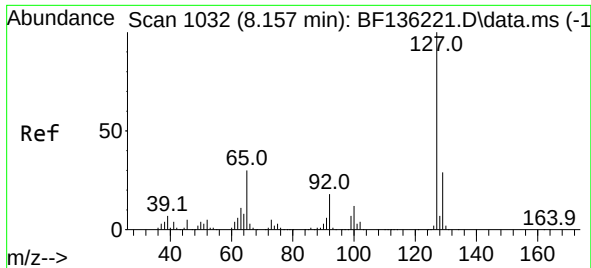
Tgt Ion:128 Resp: 177933
Ion Ratio Lower Upper
128 100
129 10.5 7.3 10.9
127 14.1 11.8 17.6



#32
Benzoic acid
Concen: 7.027 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.076 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

Tgt Ion:122 Resp: 23755
Ion Ratio Lower Upper
122 100
105 121.2 103.7 143.7
77 89.7 66.8 106.8

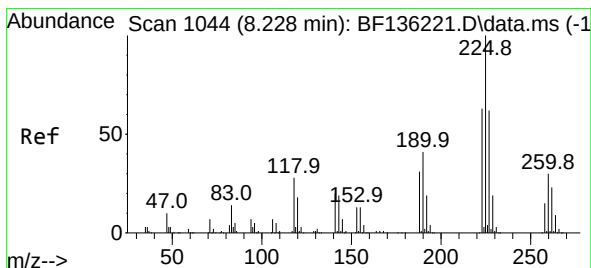
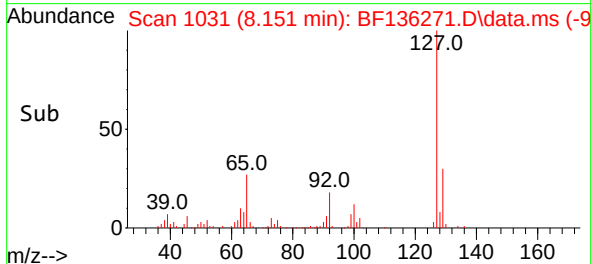
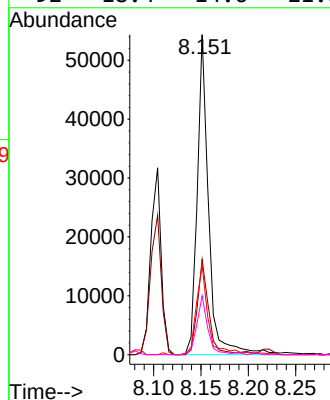
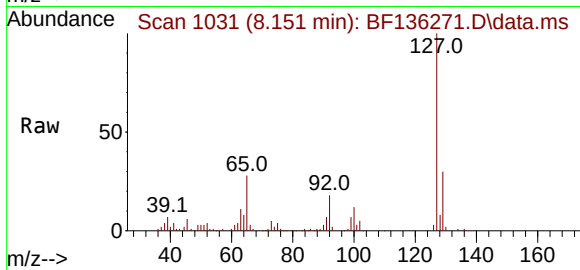




#33
4-Chloroaniline
Concen: 6.927 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

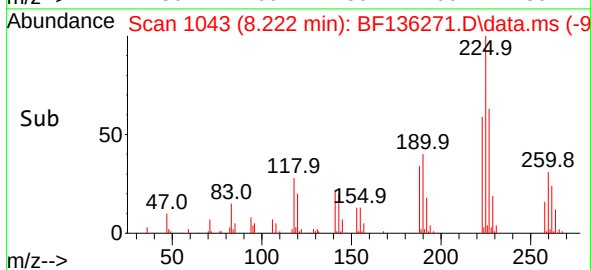
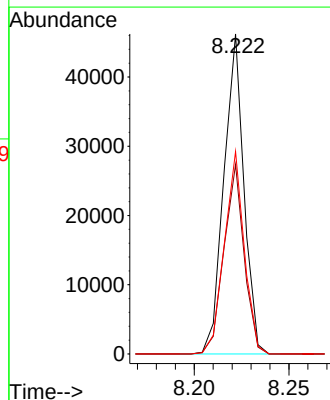
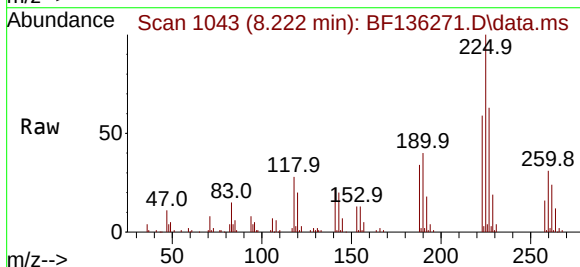
Instrument :
BNA_F
ClientSampleId :
HD-01-112723MS

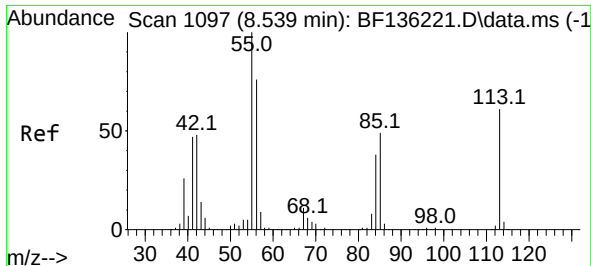
Tgt Ion:127	Resp:	45646
Ion	Ratio	Lower Upper
127	100	
129	29.7	23.4 35.2
65	27.9	23.8 35.6
92	18.4	14.6 21.8



#34
Hexachlorobutadiene
Concen: 9.470 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

Tgt Ion:225	Resp:	33936
Ion	Ratio	Lower Upper
225	100	
223	59.2	50.6 75.8
227	63.3	49.6 74.4

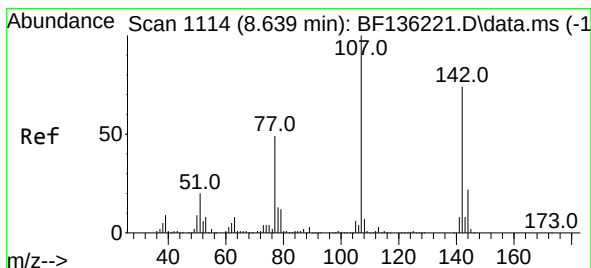
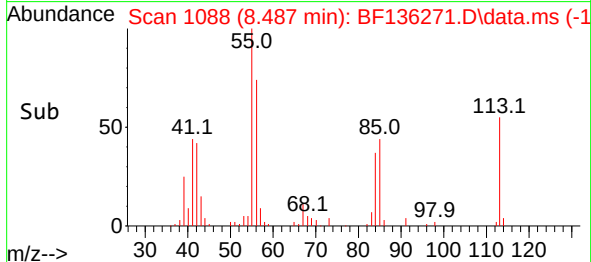
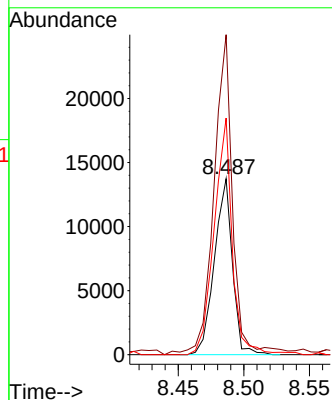
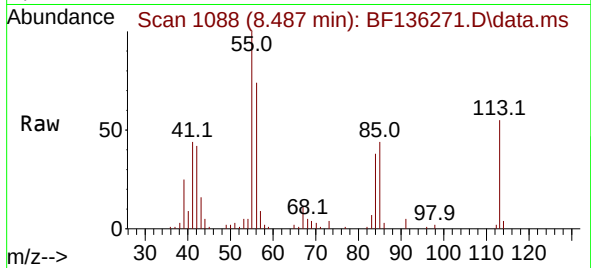




#35
Caprolactam
Concen: 9.374 ng
RT: 8.487 min Scan# 1097
Delta R.T. -0.053 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

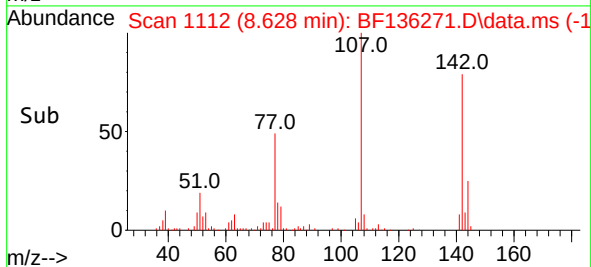
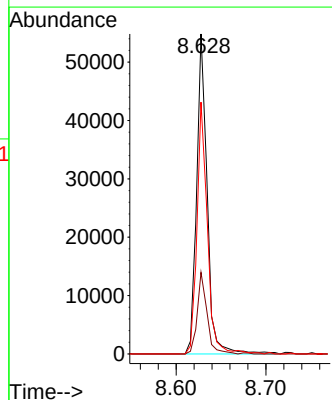
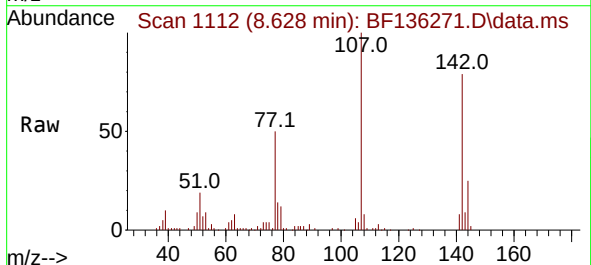
Instrument :
BNA_F
ClientSampleId :
HD-01-112723MS

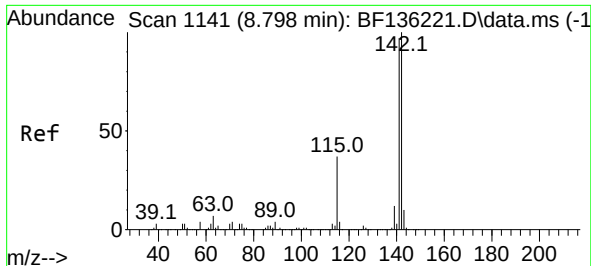
Tgt Ion:113 Resp: 13111
Ion Ratio Lower Upper
113 100
55 181.9 143.1 183.1
56 134.5 103.6 143.6



#36
4-Chloro-3-methylphenol
Concen: 8.228 ng
RT: 8.628 min Scan# 1112
Delta R.T. -0.012 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

Tgt Ion:107 Resp: 44648
Ion Ratio Lower Upper
107 100
144 25.5 17.8 26.8
142 78.7 59.4 89.0

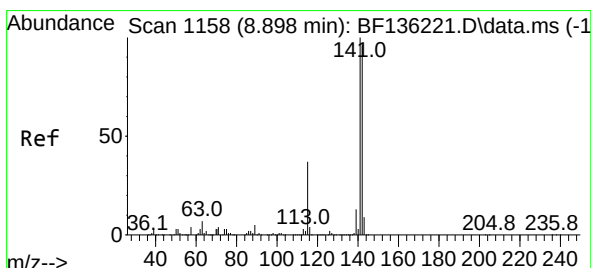
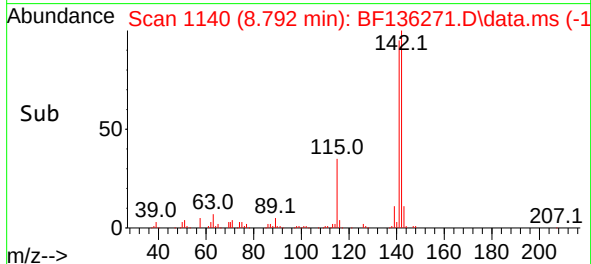
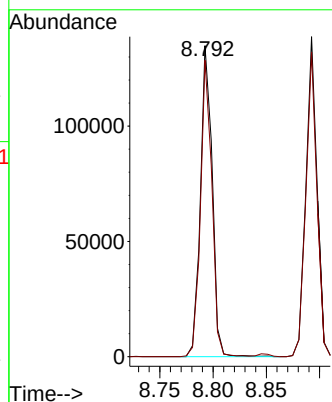
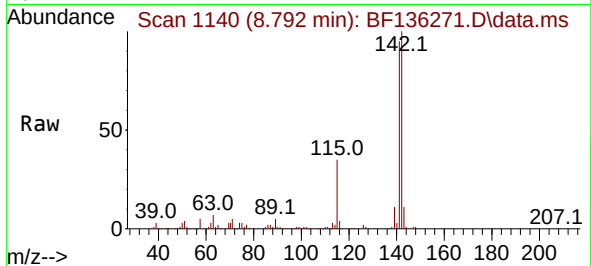




#37
2-Methylnaphthalene
Concen: 8.567 ng
RT: 8.792 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

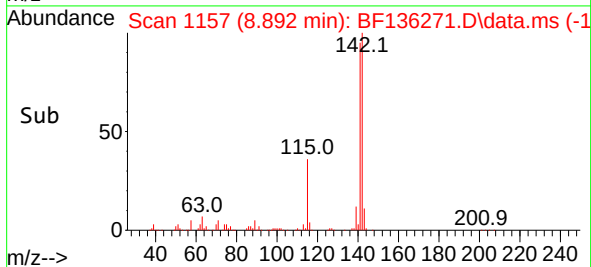
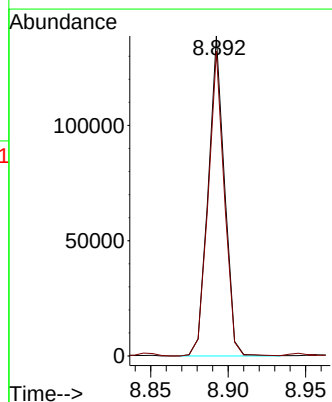
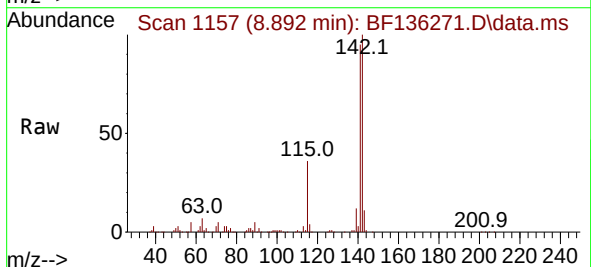
Instrument :
BNA_F
ClientSampleId :
HD-01-112723MS

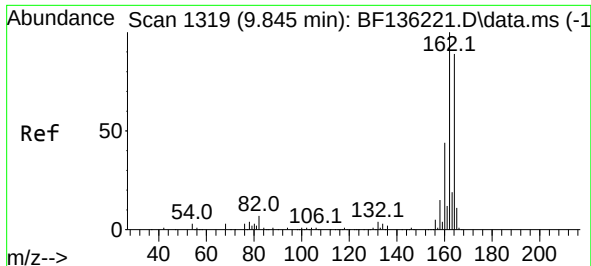
Tgt Ion:142 Resp: 104183
Ion Ratio Lower Upper
142 100
141 95.3 77.8 116.8



#38
1-Methylnaphthalene
Concen: 8.545 ng
RT: 8.892 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

Tgt Ion:142 Resp: 101370
Ion Ratio Lower Upper
142 100
141 95.2 83.8 125.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

Instrument :

BNA_F

ClientSampleId :

HD-01-112723MS

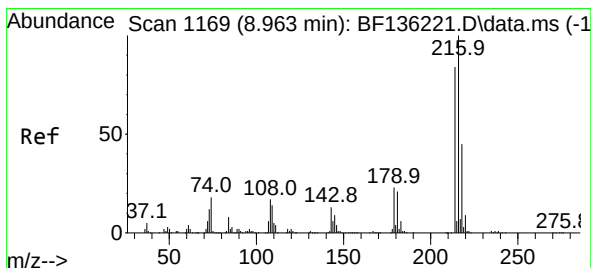
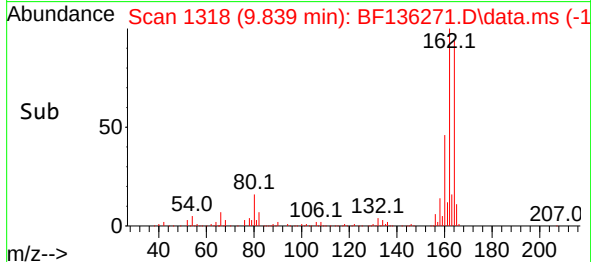
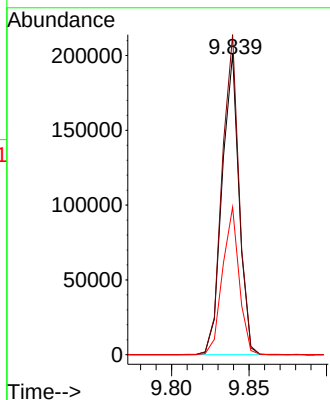
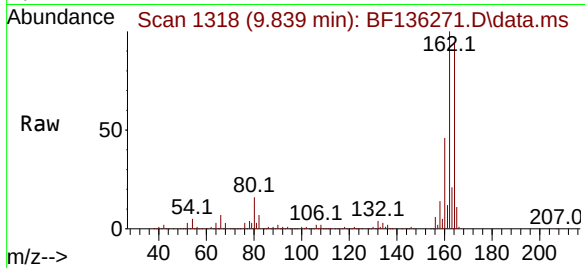
Tgt Ion:164 Resp: 152601

Ion Ratio Lower Upper

164 100

162 106.4 89.5 134.3

160 49.1 39.6 59.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.458 ng

RT: 8.957 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

Tgt Ion:216 Resp: 50788

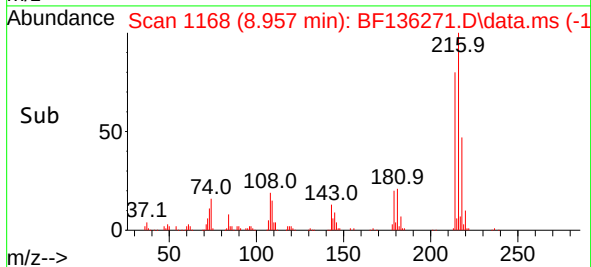
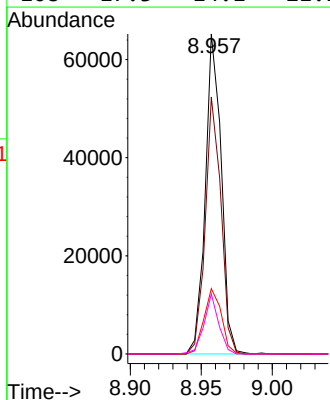
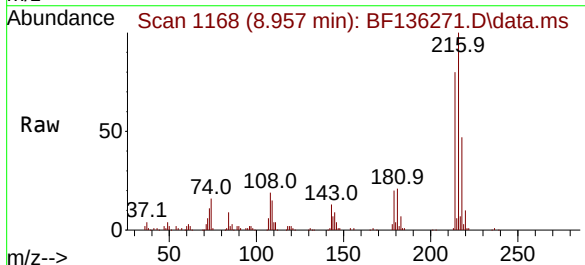
Ion Ratio Lower Upper

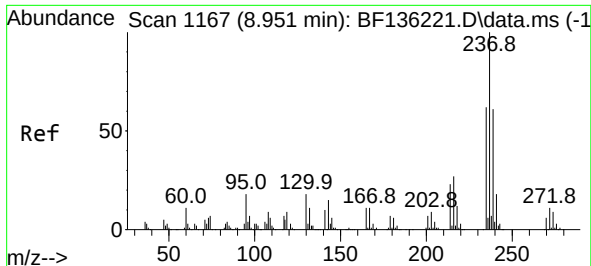
216 100

214 78.8 65.8 98.8

179 22.3 17.4 26.0

108 17.3 14.1 21.1

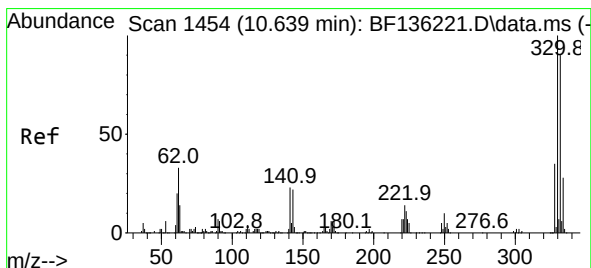
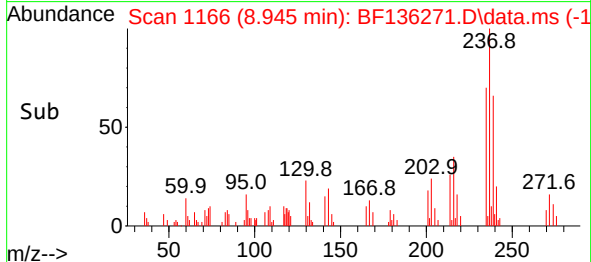
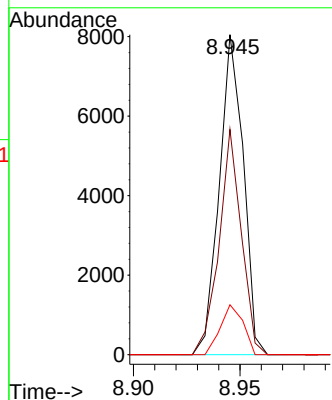
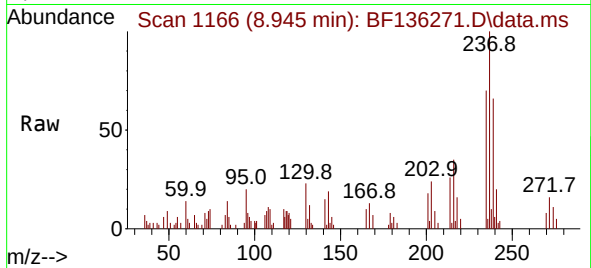




#41
Hexachlorocyclopentadiene
Concen: 3.373 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

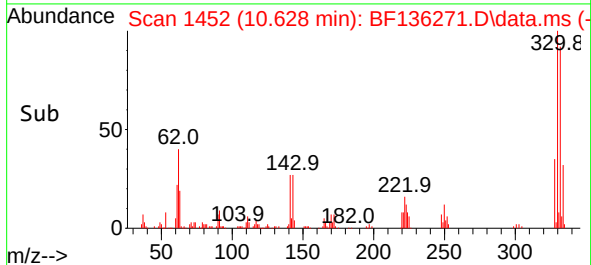
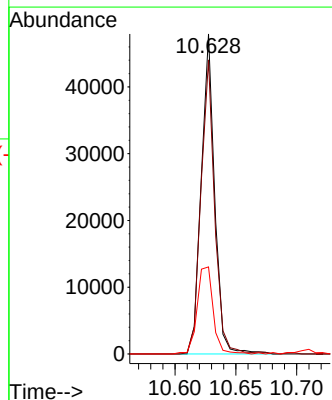
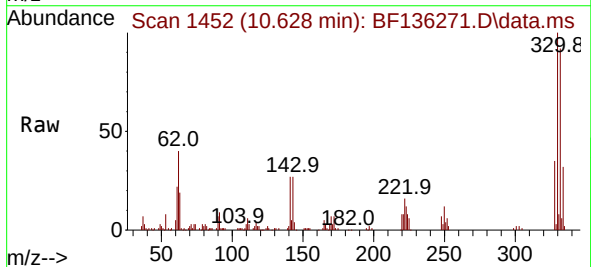
Instrument :
BNA_F
ClientSampleId :
HD-01-112723MS

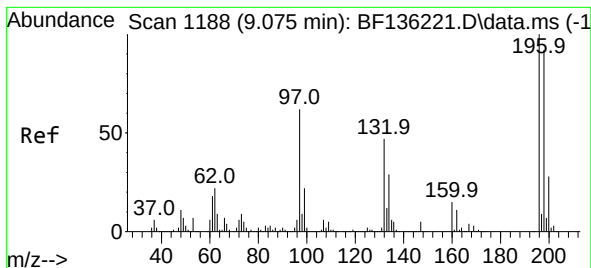
Tgt Ion:237 Resp: 6304
Ion Ratio Lower Upper
237 100
235 70.4 42.1 82.1
272 15.6 0.0 31.0



#42
2,4,6-Tribromophenol
Concen: 19.741 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.012 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

Tgt Ion:330 Resp: 36831
Ion Ratio Lower Upper
330 100
332 94.3 73.0 109.6
141 32.5 24.2 36.2





#43

2,4,6-Trichlorophenol

Concen: 9.326 ng

RT: 9.069 min Scan# 1187

Delta R.T. -0.006 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

Instrument :

BNA_F

ClientSampleId :

HD-01-112723MS

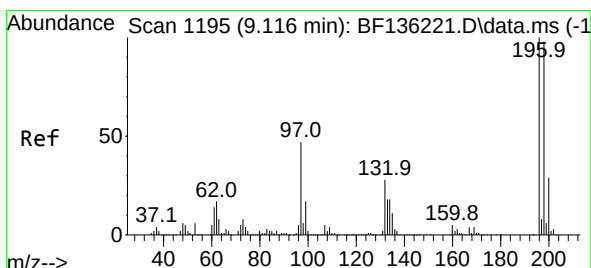
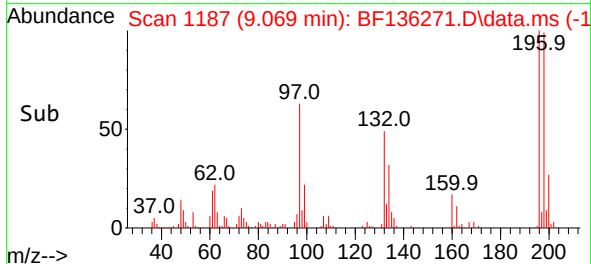
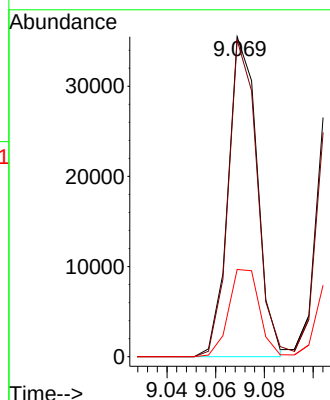
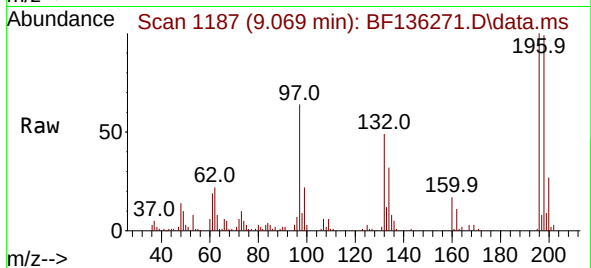
Tgt Ion:196 Resp: 29398

Ion Ratio Lower Upper

196 100

198 98.9 73.2 109.8

200 27.3 22.4 33.6



#44

2,4,5-Trichlorophenol

Concen: 9.232 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

Tgt Ion:196 Resp: 31757

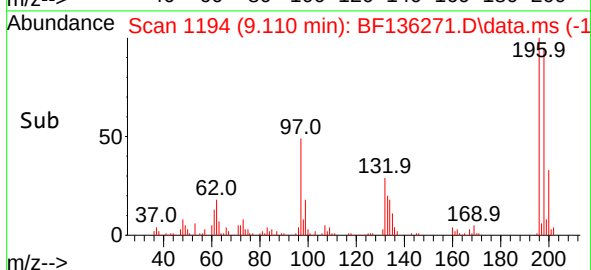
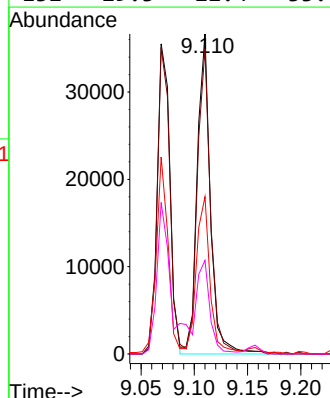
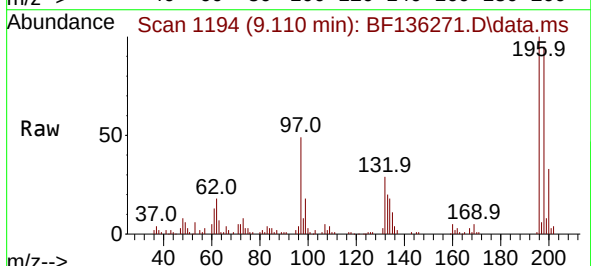
Ion Ratio Lower Upper

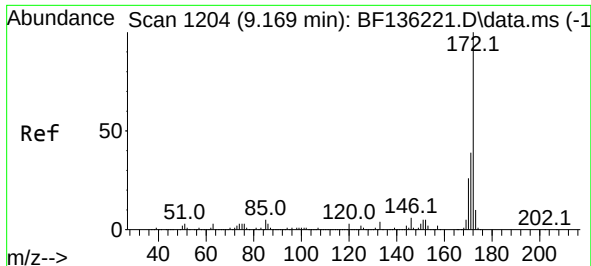
196 100

198 95.4 78.8 118.2

97 49.1 37.8 56.8

132 29.3 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 13.157 ng

RT: 9.157 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

Instrument :

BNA_F

ClientSampleId :

HD-01-112723MS

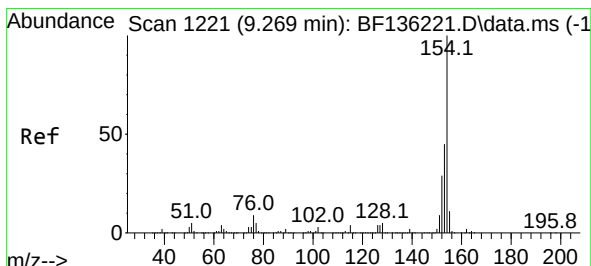
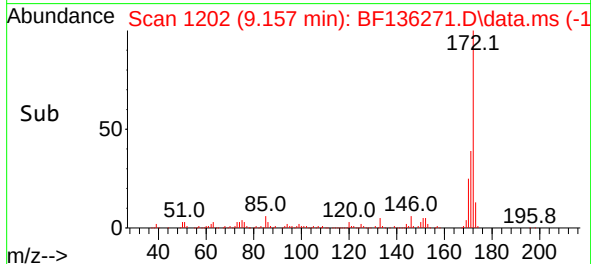
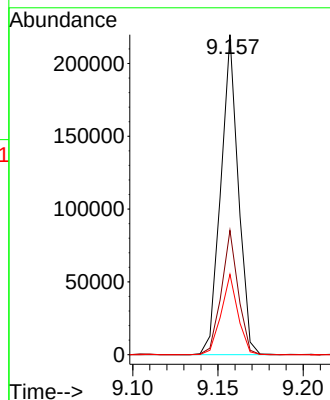
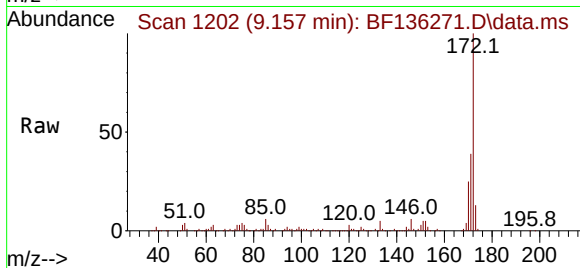
Tgt Ion:172 Resp: 157189

Ion Ratio Lower Upper

172 100

171 38.9 31.5 47.3

170 25.1 20.8 31.2



#46

1,1'-Biphenyl

Concen: 9.876 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.012 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

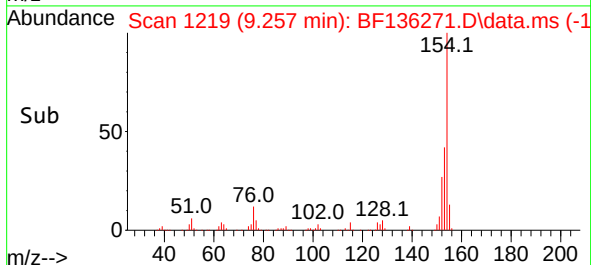
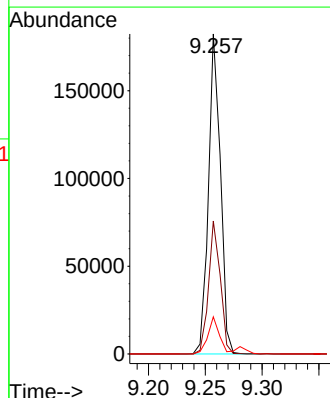
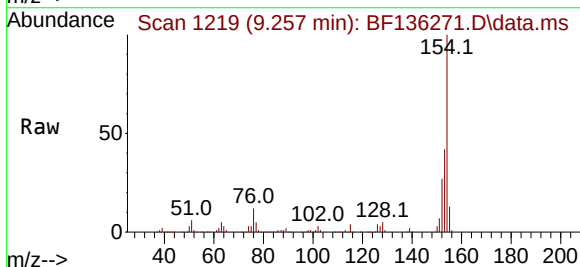
Tgt Ion:154 Resp: 132904

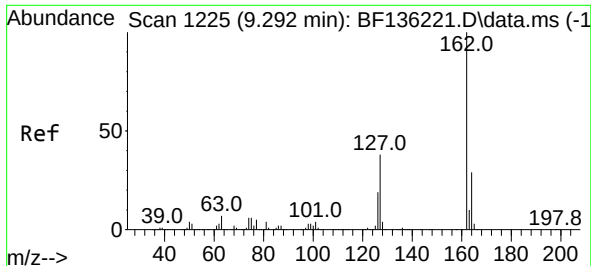
Ion Ratio Lower Upper

154 100

153 41.6 24.6 64.6

76 11.6 0.0 29.4





#47

2-Chloronaphthalene

Concen: 9.394 ng

RT: 9.281 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

Instrument :

BNA_F

ClientSampleId :

HD-01-112723MS

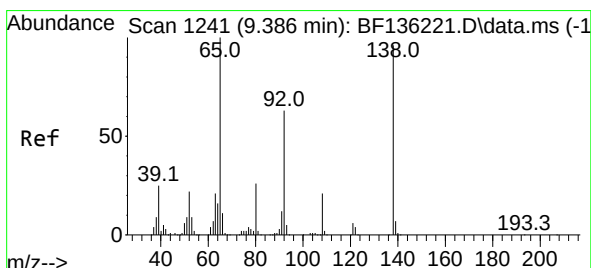
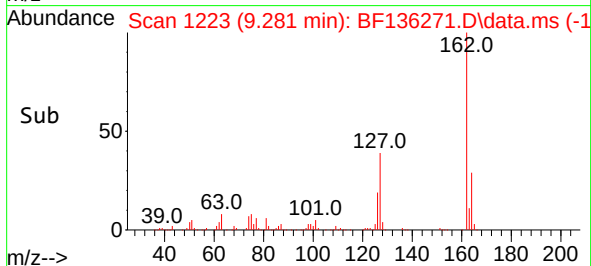
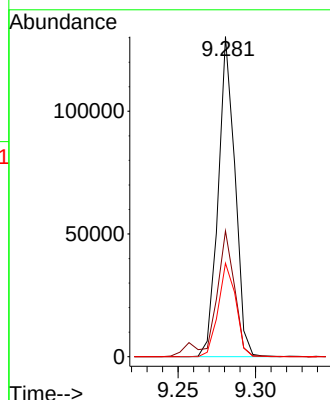
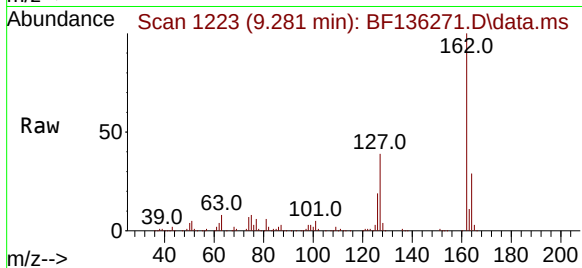
Tgt Ion:162 Resp: 98170

Ion Ratio Lower Upper

162 100

127 39.3 30.2 45.2

164 29.2 22.8 34.2



#48

2-Nitroaniline

Concen: 9.422 ng

RT: 9.375 min Scan# 1239

Delta R.T. -0.012 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

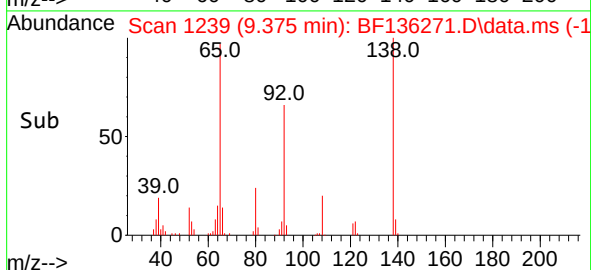
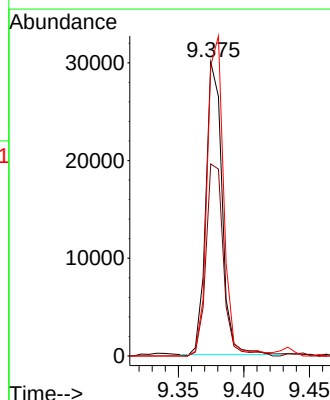
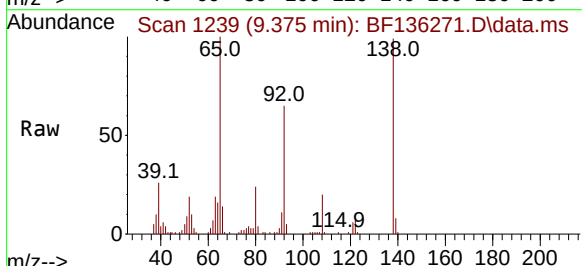
Tgt Ion: 65 Resp: 25708

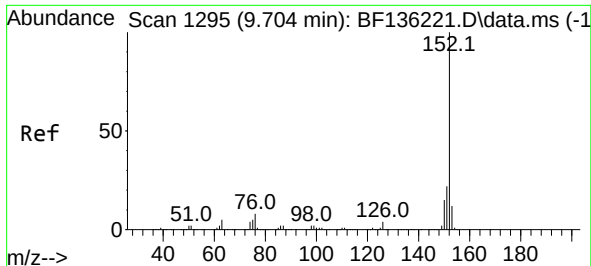
Ion Ratio Lower Upper

65 100

92 65.3 50.6 75.8

138 98.8 76.7 115.1





#49

Acenaphthylene

Concen: 10.293 ng

RT: 9.698 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

Instrument :

BNA_F

ClientSampleId :

HD-01-112723MS

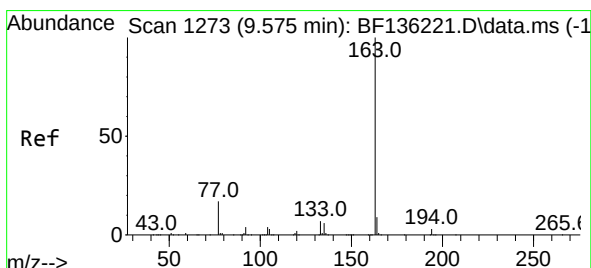
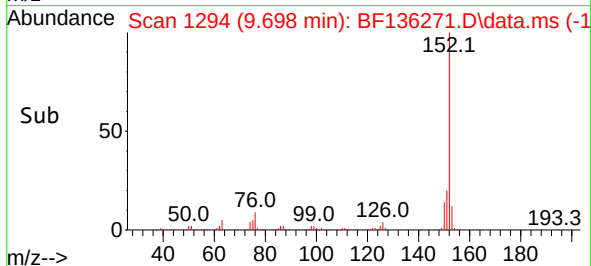
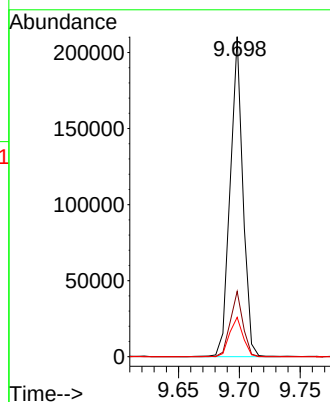
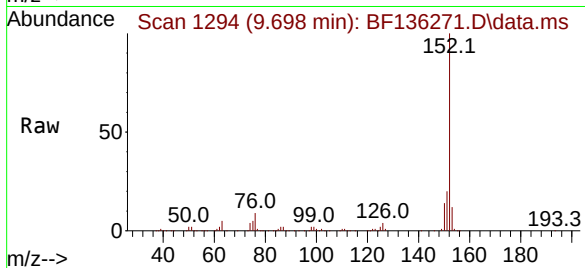
Tgt Ion:152 Resp: 153502

Ion Ratio Lower Upper

152 100

151 20.4 17.5 26.3

153 12.3 9.6 14.4



#50

Dimethylphthalate

Concen: 10.010 ng

RT: 9.557 min Scan# 1270

Delta R.T. -0.018 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

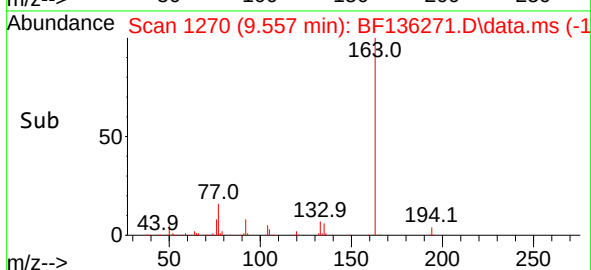
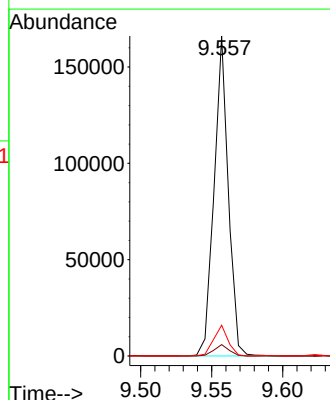
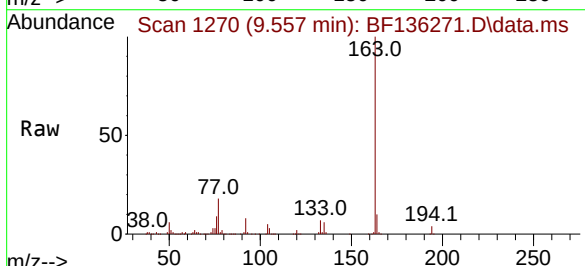
Tgt Ion:163 Resp: 115450

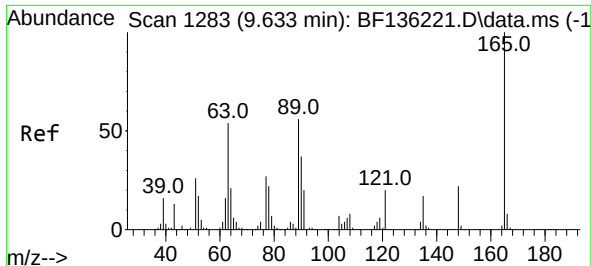
Ion Ratio Lower Upper

163 100

194 3.5 2.5 3.7

164 9.6 7.0 10.6





#51

2,6-Dinitrotoluene

Concen: 9.012 ng

RT: 9.622 min Scan# 1281

Delta R.T. -0.012 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

Instrument :

BNA_F

ClientSampleId :

HD-01-112723MS

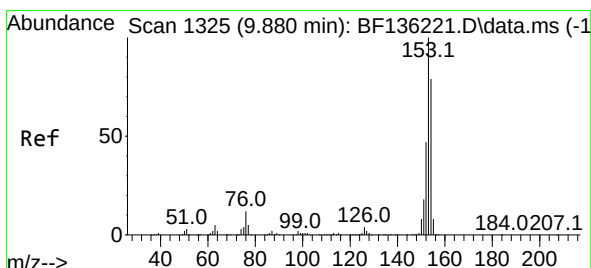
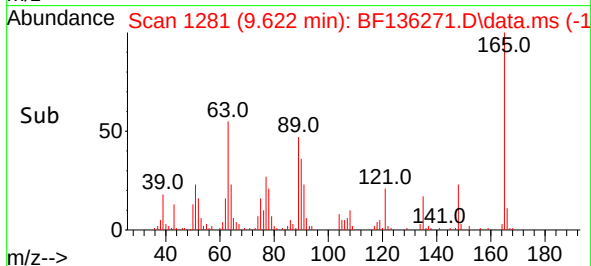
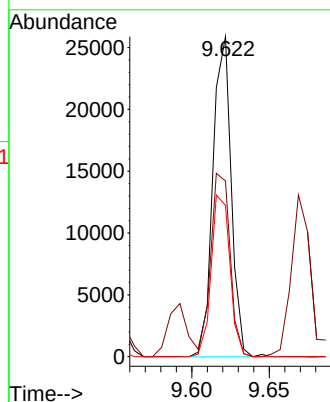
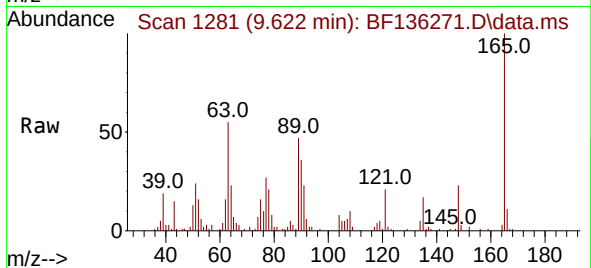
Tgt Ion:165 Resp: 21234

Ion Ratio Lower Upper

165 100

63 54.9 46.2 69.2

89 47.3 44.9 67.3



#52

Acenaphthene

Concen: 9.653 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.012 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

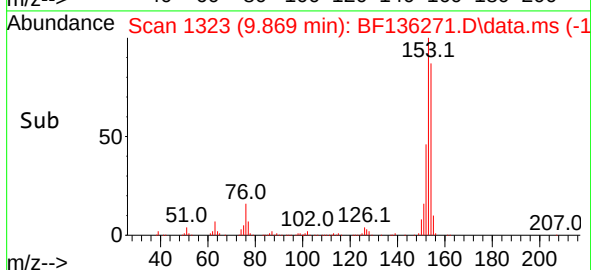
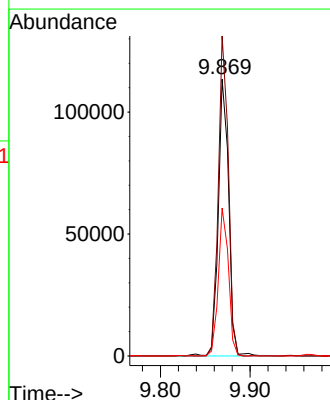
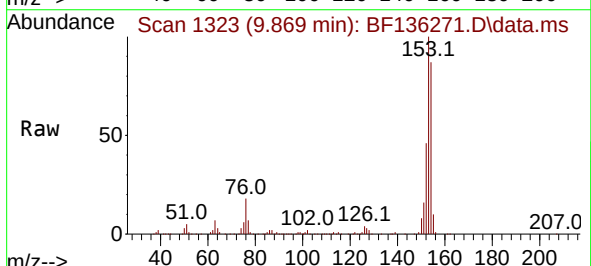
Tgt Ion:154 Resp: 90973

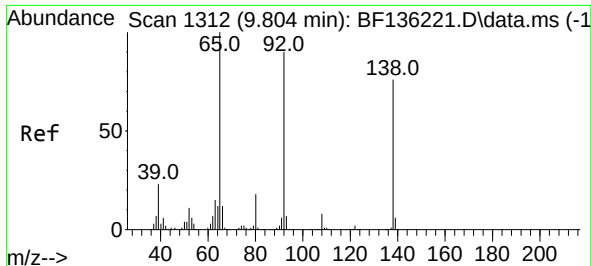
Ion Ratio Lower Upper

154 100

153 115.6 100.8 151.2

152 53.4 47.0 70.6

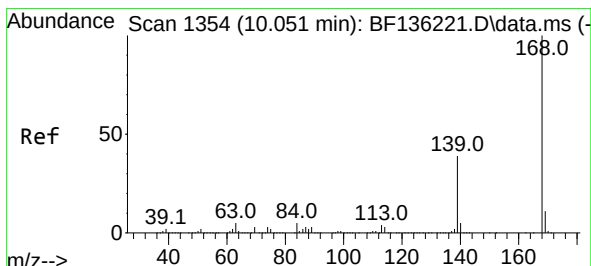
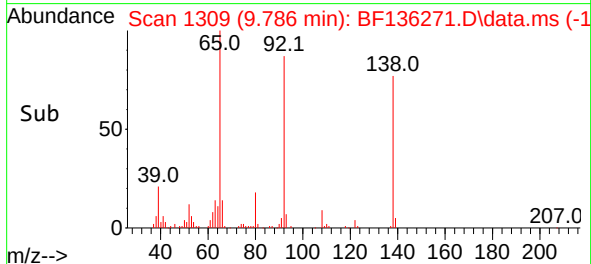
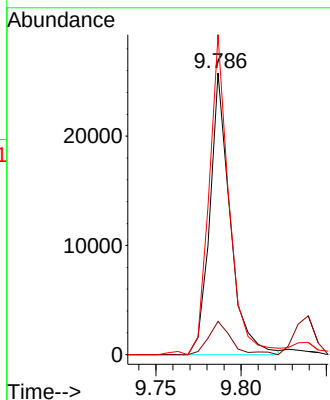
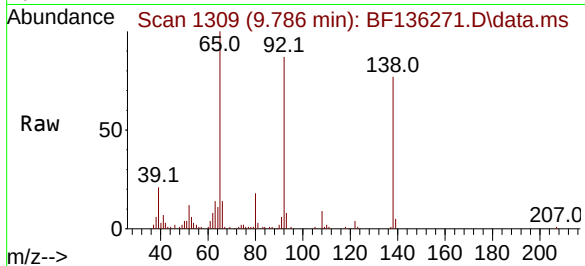




#53
3-Nitroaniline
Concen: 9.125 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

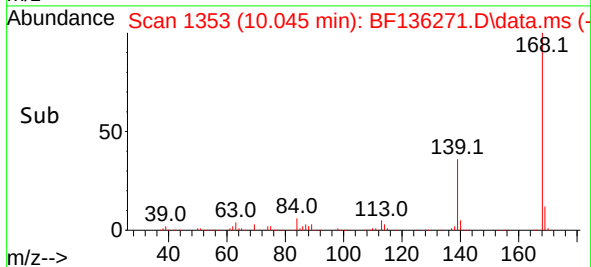
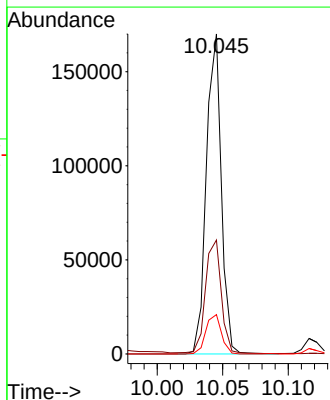
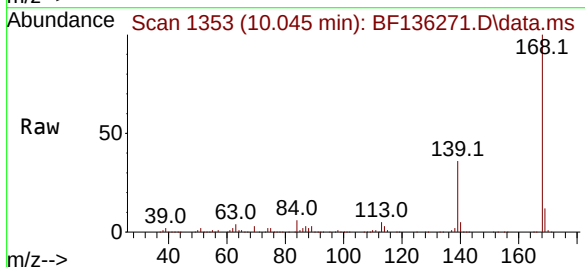
Instrument :
BNA_F
ClientSampleId :
HD-01-112723MS

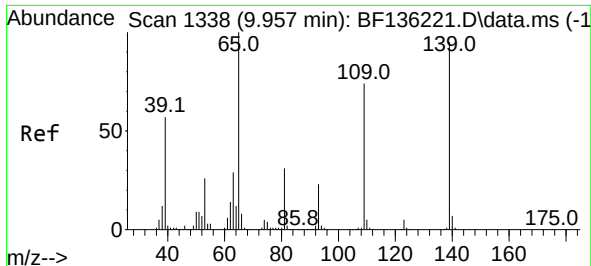
Tgt Ion:138 Resp: 21335
Ion Ratio Lower Upper
138 100
108 11.8 8.7 13.1
92 113.6 94.2 141.4



#55
Dibenzofuran
Concen: 9.622 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

Tgt Ion:168 Resp: 134938
Ion Ratio Lower Upper
168 100
139 35.6 30.9 46.3
169 12.3 9.1 13.7

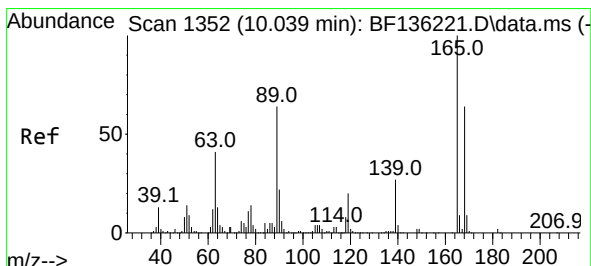
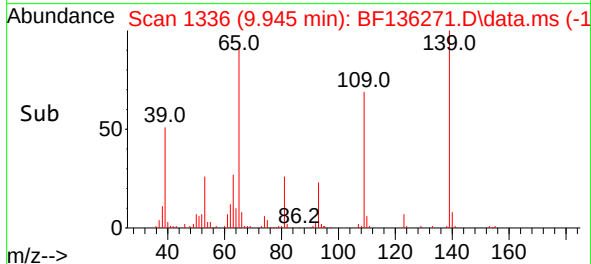
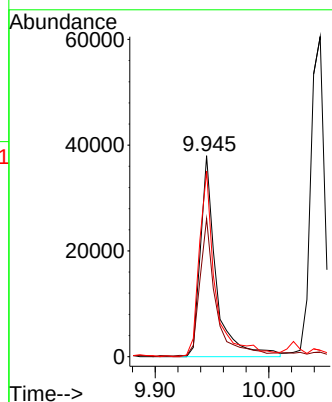
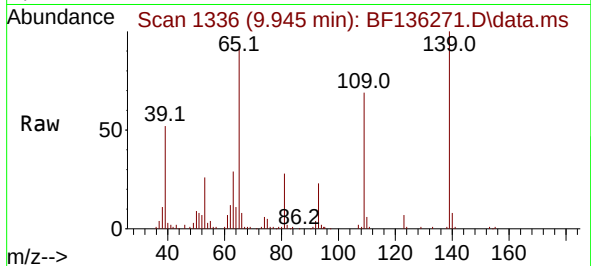




#56
4-Nitrophenol
Concen: 20.524 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

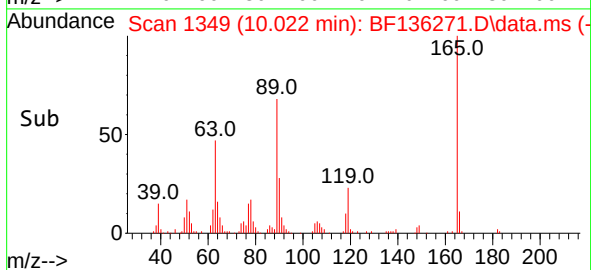
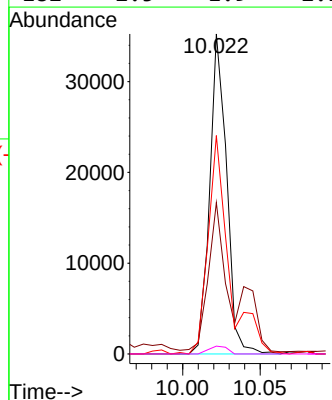
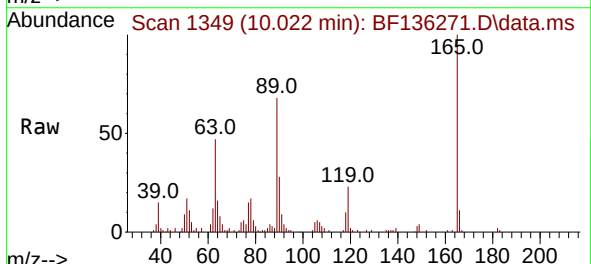
Instrument :
BNA_F
ClientSampleId :
HD-01-112723MS

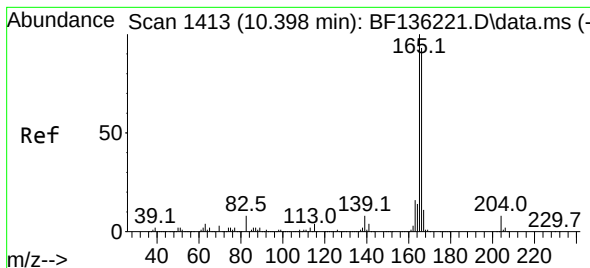
Tgt Ion:139 Resp: 36444
Ion Ratio Lower Upper
139 100
109 68.7 57.8 97.8
65 92.4 86.0 126.0



#57
2,4-Dinitrotoluene
Concen: 8.524 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.018 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

Tgt Ion:165 Resp: 26829
Ion Ratio Lower Upper
165 100
63 47.3 33.0 49.4
89 68.3 51.5 77.3
182 2.5 1.9 2.9





#58

Fluorene

Concen: 10.087 ng

RT: 10.386 min Scan# 1413

Delta R.T. -0.012 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

Instrument :

BNA_F

ClientSampleId :

HD-01-112723MS

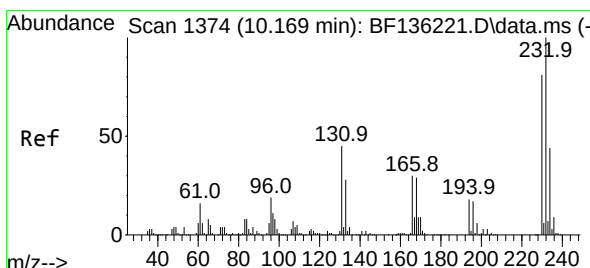
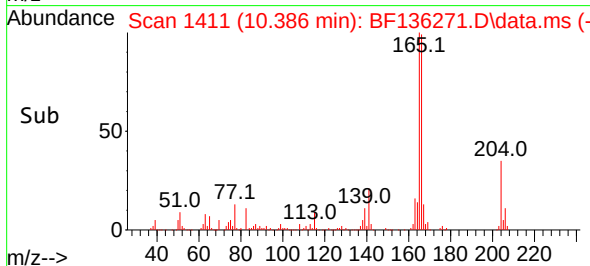
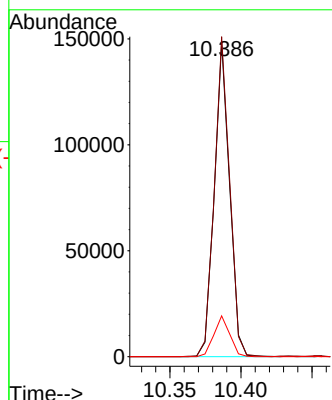
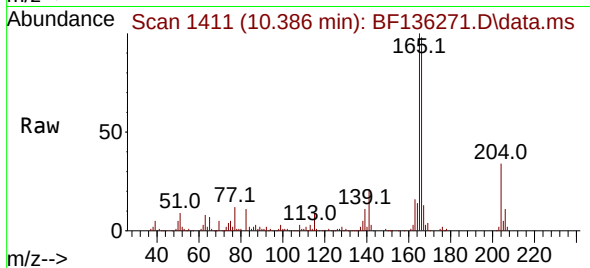
Tgt Ion:166 Resp: 110961

Ion Ratio Lower Upper

166 100

165 101.5 86.2 129.4

167 12.9 9.1 13.7



#59

2,3,4,6-Tetrachlorophenol

Concen: 10.370 ng

RT: 10.163 min Scan# 1373

Delta R.T. -0.006 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

Tgt Ion:232 Resp: 28384

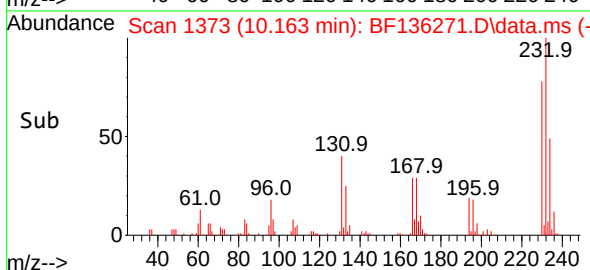
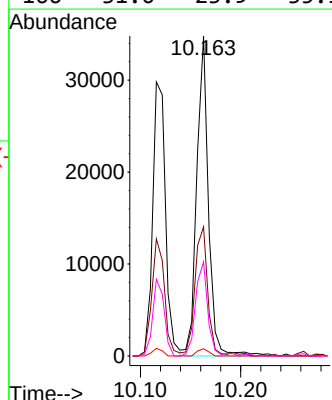
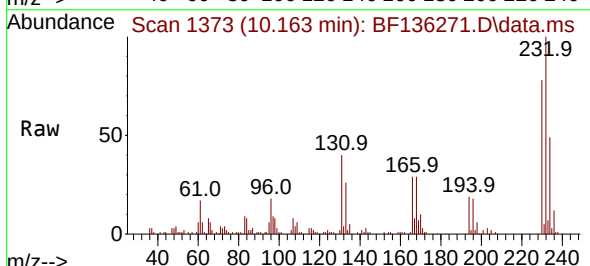
Ion Ratio Lower Upper

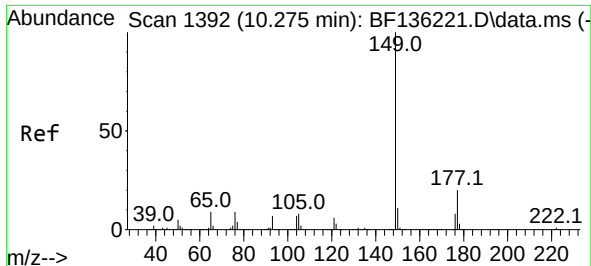
232 100

131 42.5 36.4 54.6

130 2.2 1.9 2.9

166 31.0 23.9 35.9

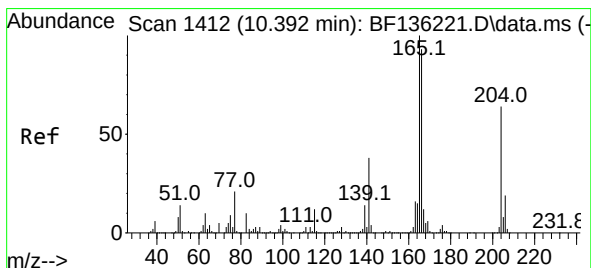
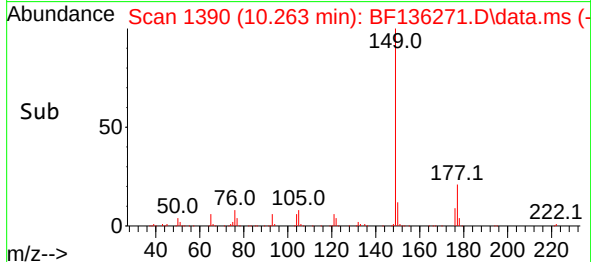
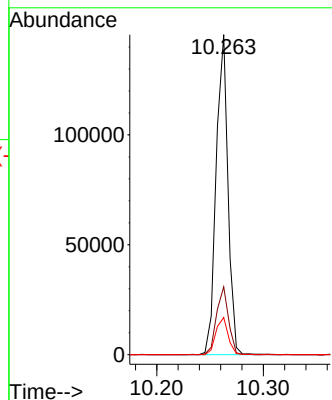
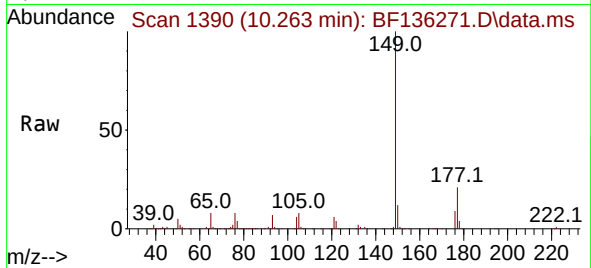




#60
Diethylphthalate
Concen: 9.683 ng
RT: 10.263 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

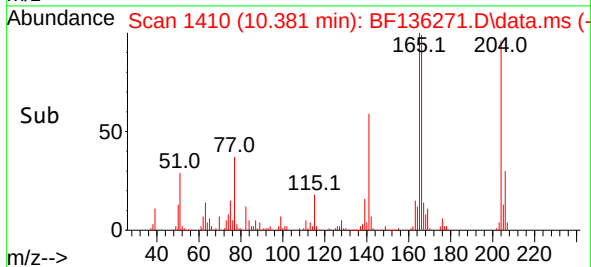
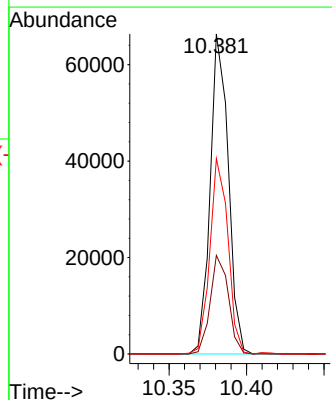
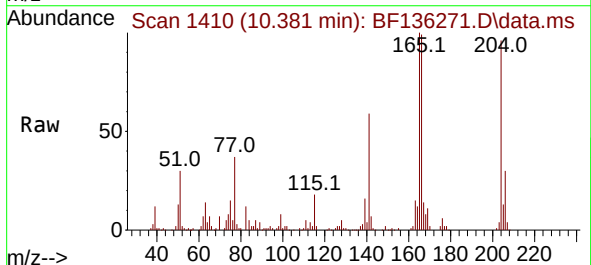
Instrument :
BNA_F
ClientSampleId :
HD-01-112723MS

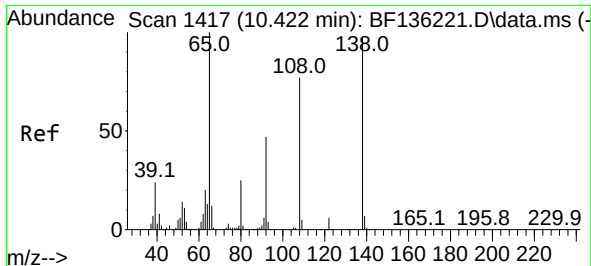
Tgt Ion:149 Resp: 111717
Ion Ratio Lower Upper
149 100
177 21.2 15.8 23.6
150 11.6 8.8 13.2



#61
4-Chlorophenyl-phenylether
Concen: 10.100 ng
RT: 10.381 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

Tgt Ion:204 Resp: 53957
Ion Ratio Lower Upper
204 100
206 30.8 23.4 35.0
141 61.1 47.6 71.4

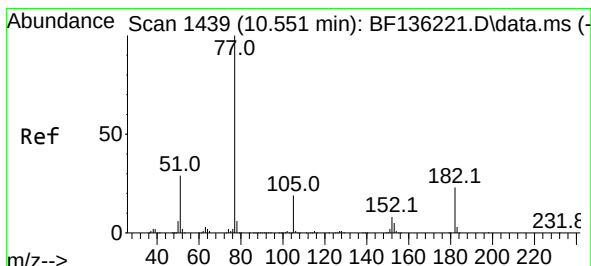
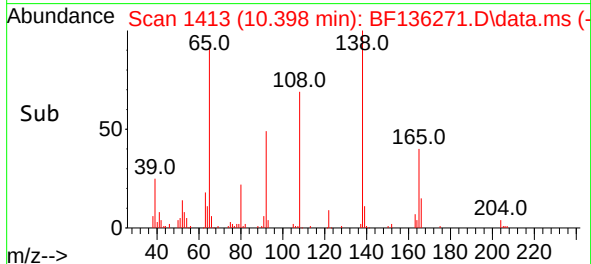
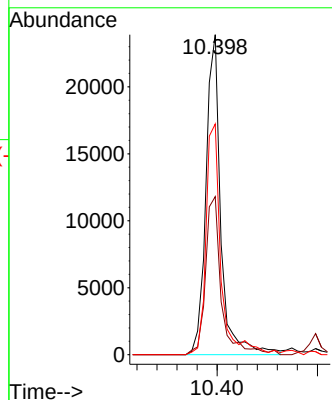
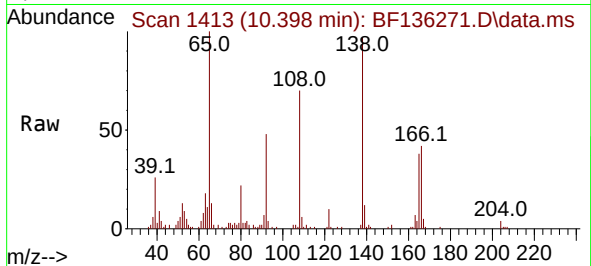




#62
4-Nitroaniline
Concen: 10.775 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.023 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

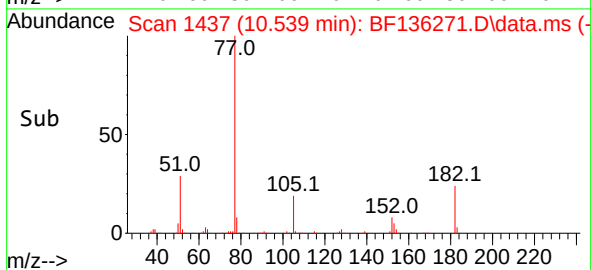
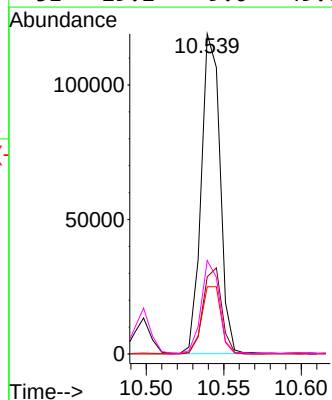
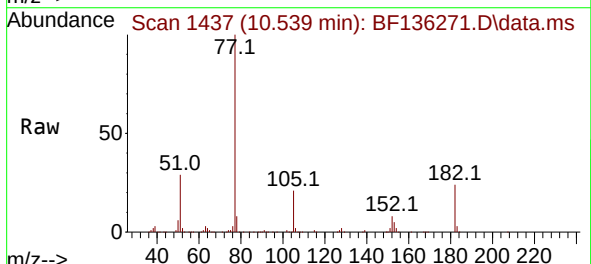
Instrument :
BNA_F
ClientSampleId :
HD-01-112723MS

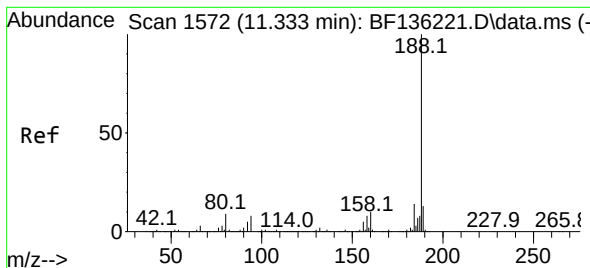
Tgt Ion:138 Resp: 24660
Ion Ratio Lower Upper
138 100
92 49.4 28.5 68.5
108 72.1 59.8 99.8



#63
Azobenzene
Concen: 9.373 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.012 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

Tgt Ion: 77 Resp: 100256
Ion Ratio Lower Upper
77 100
182 24.1 3.3 43.3
105 21.0 0.0 39.5
51 29.2 9.0 49.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

Instrument :

BNA_F

ClientSampleId :

HD-01-112723MS

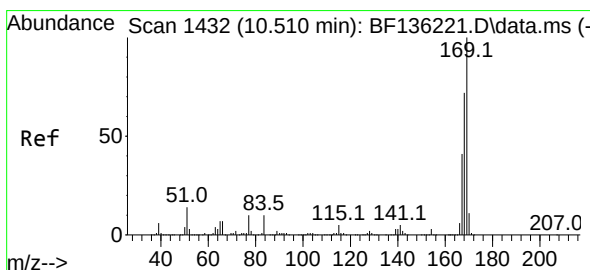
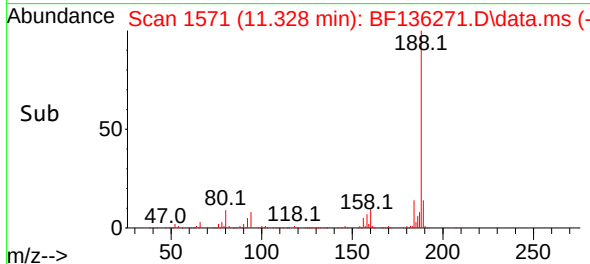
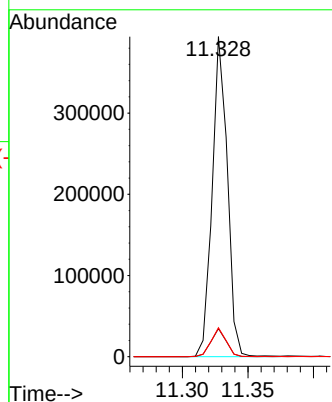
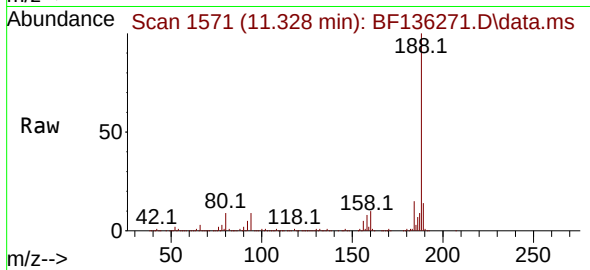
Tgt Ion:188 Resp: 317172

Ion Ratio Lower Upper

188 100

94 8.7 6.7 10.1

80 9.1 7.2 10.8



#66

n-Nitrosodiphenylamine

Concen: 9.260 ng

RT: 10.498 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

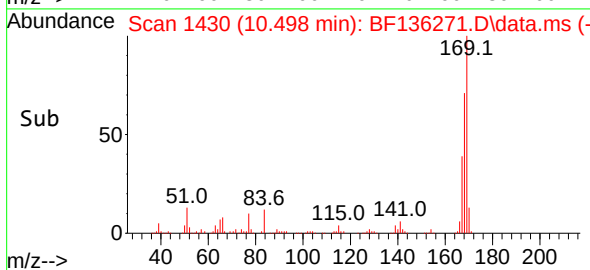
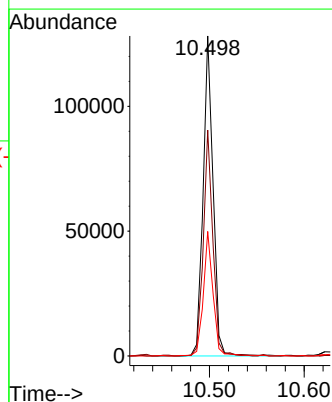
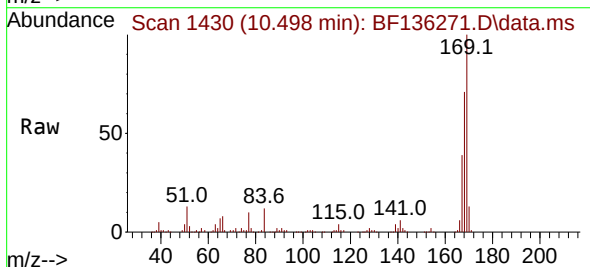
Tgt Ion:169 Resp: 94120

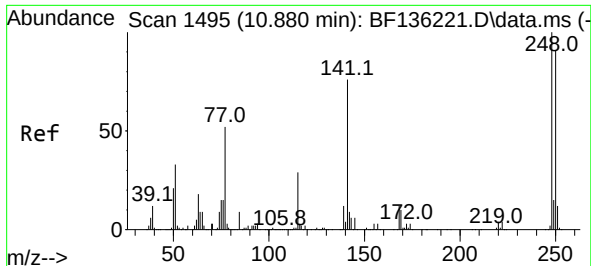
Ion Ratio Lower Upper

169 100

168 70.6 57.8 86.6

167 38.9 32.7 49.1

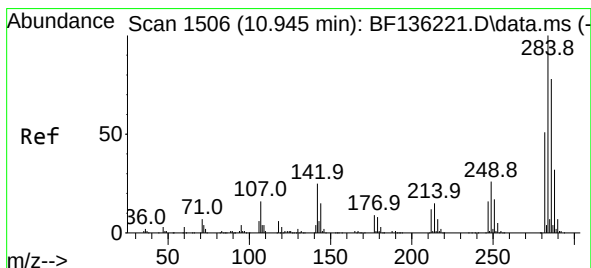
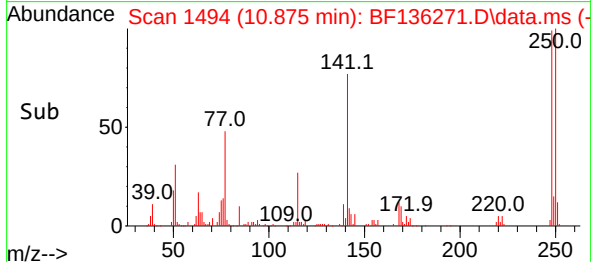
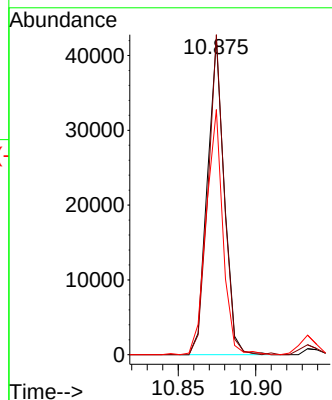
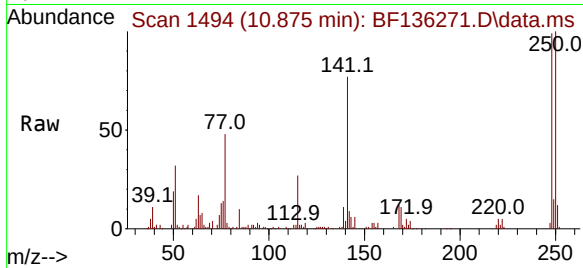




#67
4-Bromophenyl-phenylether
Concen: 8.647 ng
RT: 10.875 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

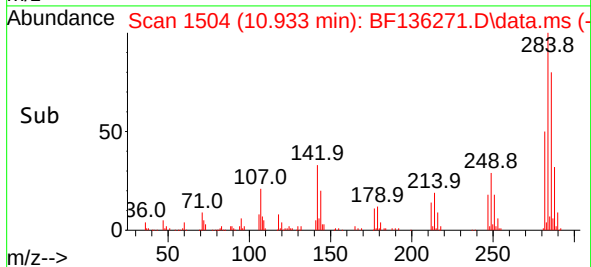
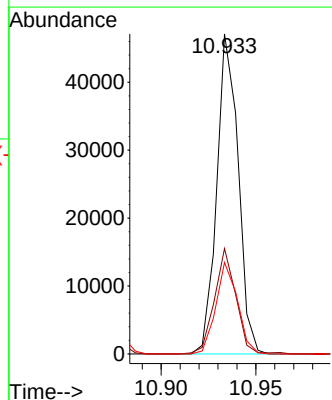
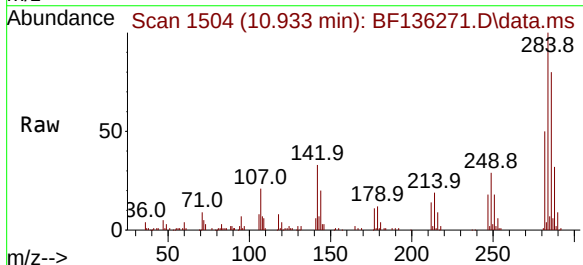
Instrument :
BNA_F
ClientSampleId :
HD-01-112723MS

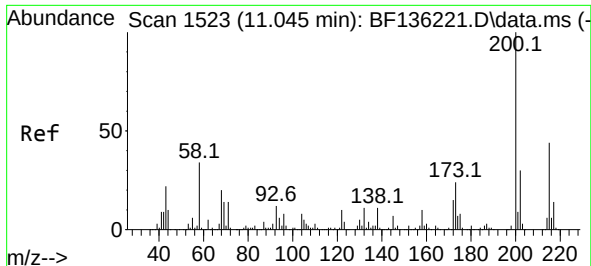
Tgt Ion:248 Resp: 31997
Ion Ratio Lower Upper
248 100
250 101.4 72.5 108.7
141 77.7 60.8 91.2



#68
Hexachlorobenzene
Concen: 8.652 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.012 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

Tgt Ion:284 Resp: 37054
Ion Ratio Lower Upper
284 100
142 33.0 19.8 29.8#
249 28.6 21.0 31.4

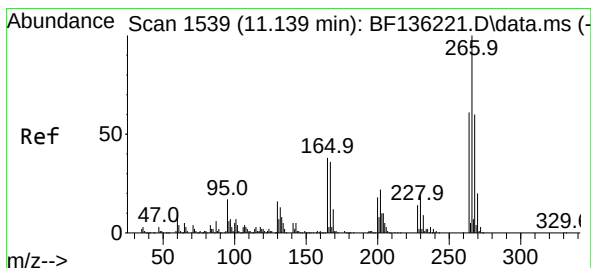
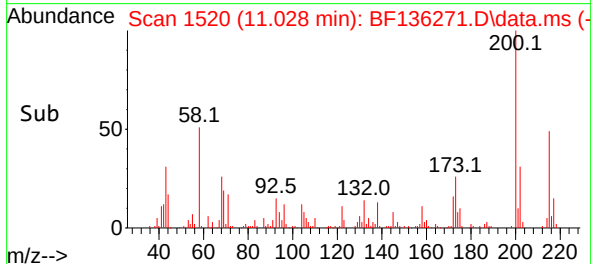
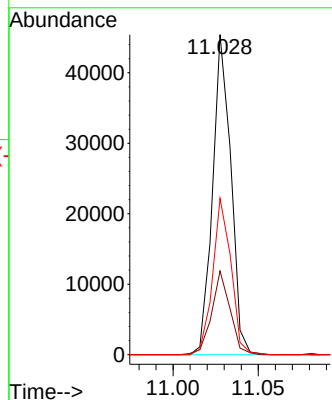
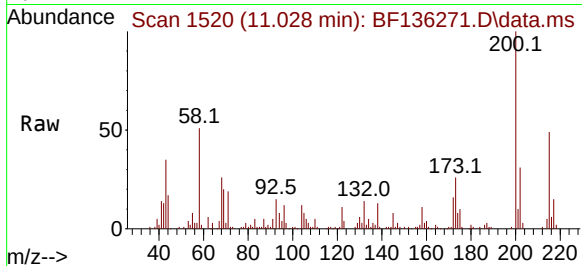




#69
Atrazine
Concen: 11.223 ng
RT: 11.028 min Scan# 1520
Delta R.T. -0.018 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

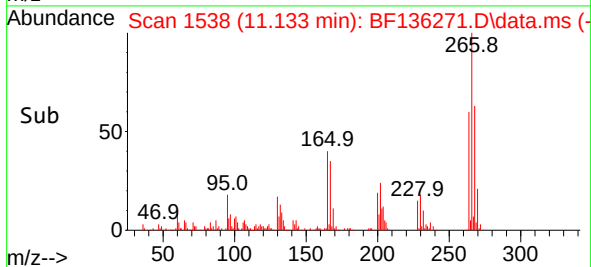
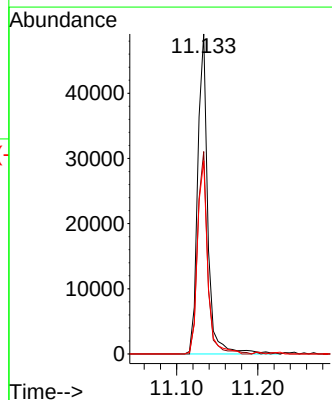
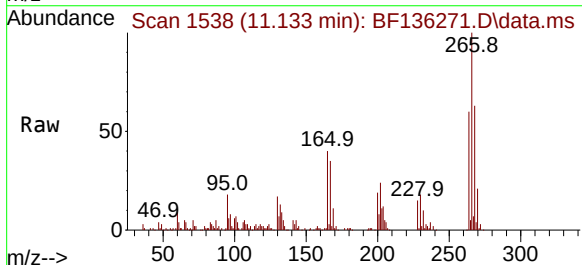
Instrument :
BNA_F
ClientSampleId :
HD-01-112723MS

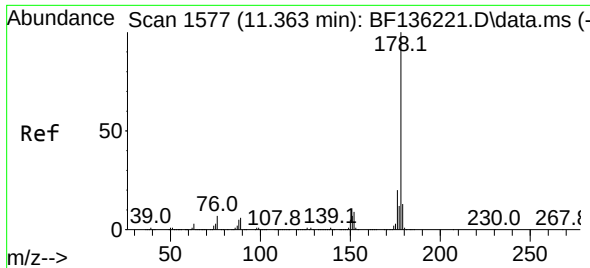
Tgt Ion:200 Resp: 33838
Ion Ratio Lower Upper
200 100
173 26.2 4.3 44.3
215 48.8 23.8 63.8



#70
Pentachlorophenol
Concen: 17.572 ng
RT: 11.133 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

Tgt Ion:266 Resp: 42537
Ion Ratio Lower Upper
266 100
268 63.2 47.9 71.9
264 60.3 49.1 73.7

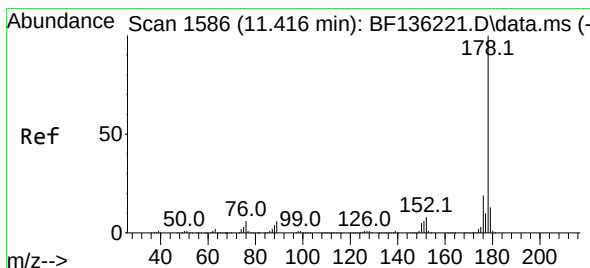
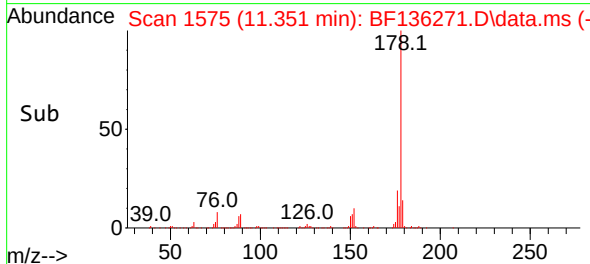
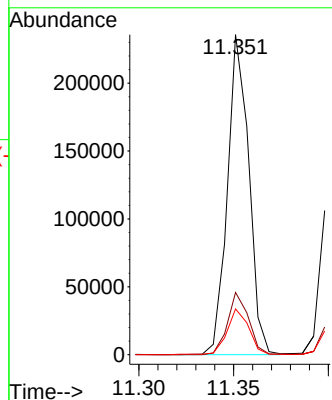
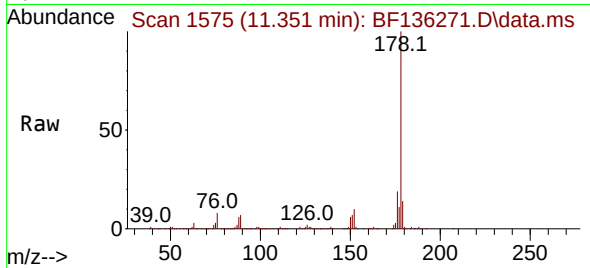




#71
Phenanthrene
Concen: 10.382 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

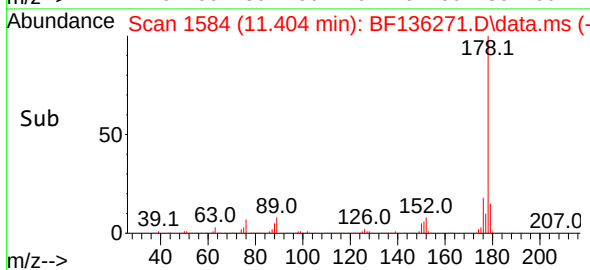
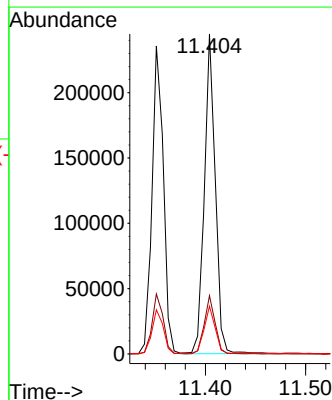
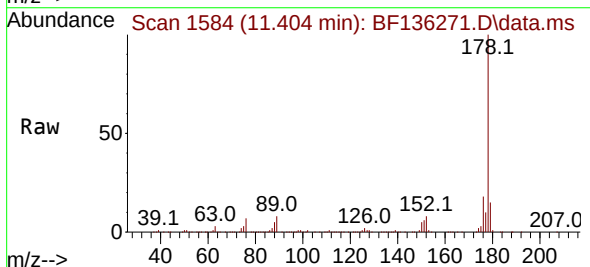
Instrument :
BNA_F
ClientSampleId :
HD-01-112723MS

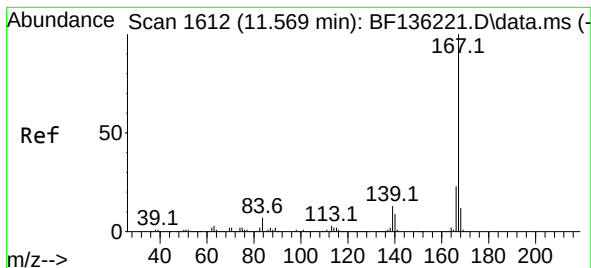
Tgt Ion:178 Resp: 185081
Ion Ratio Lower Upper
178 100
176 19.5 16.2 24.2
179 14.3 10.3 15.5



#72
Anthracene
Concen: 10.421 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

Tgt Ion:178 Resp: 186294
Ion Ratio Lower Upper
178 100
176 18.2 15.5 23.3
179 14.9 10.5 15.7





#73

Carbazole

Concen: 10.469 ng

RT: 11.563 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

Instrument :

BNA_F

ClientSampleId :

HD-01-112723MS

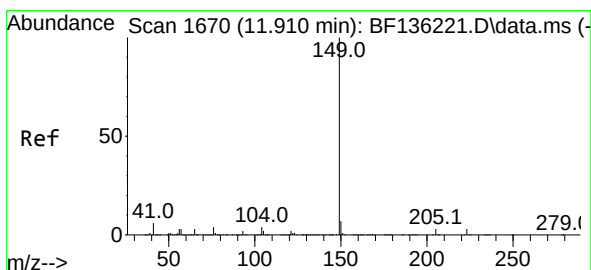
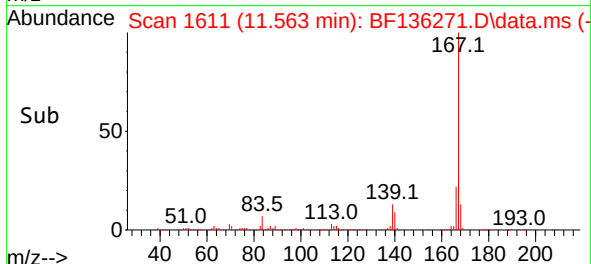
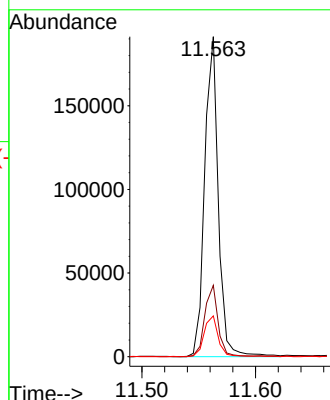
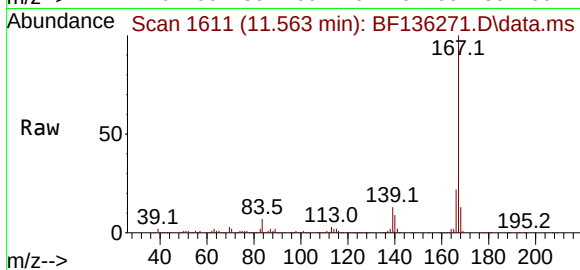
Tgt Ion:167 Resp: 159180

Ion Ratio Lower Upper

167 100

166 22.3 18.4 27.6

139 12.7 10.5 15.7



#74

Di-n-butylphthalate

Concen: 10.668 ng

RT: 11.898 min Scan# 1668

Delta R.T. -0.012 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

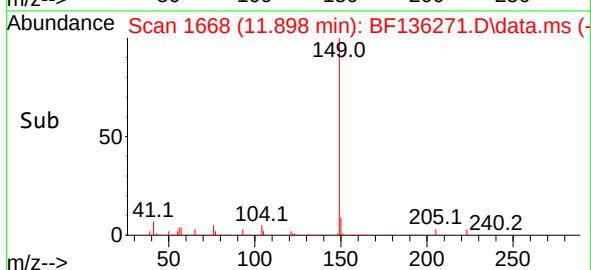
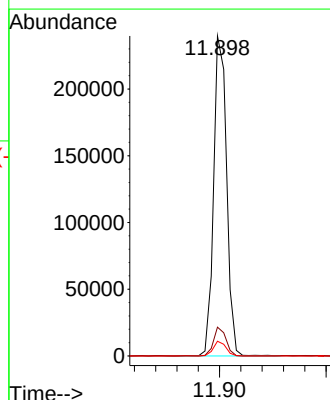
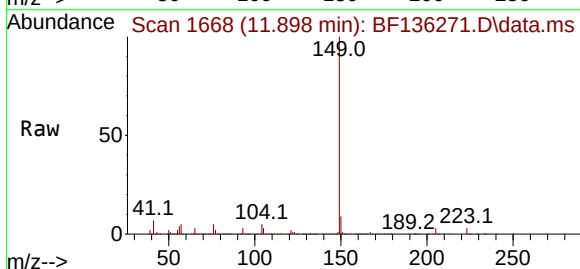
Tgt Ion:149 Resp: 202946

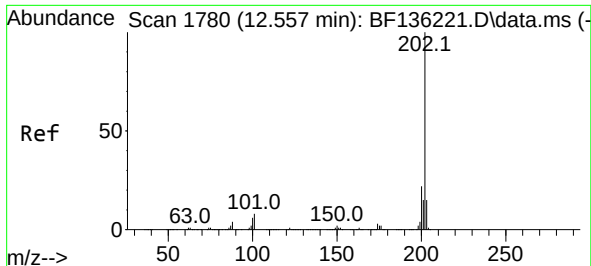
Ion Ratio Lower Upper

149 100

150 9.0 6.0 9.0

104 4.6 3.5 5.3

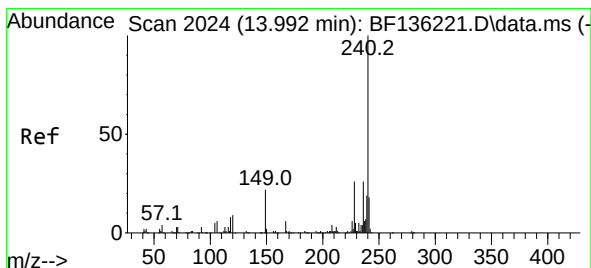
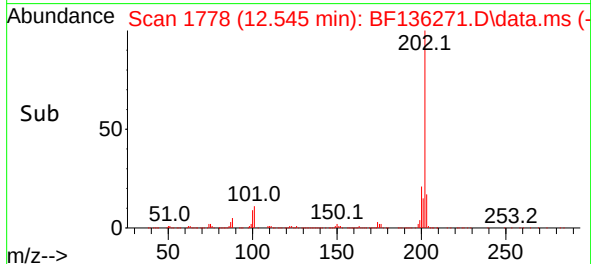
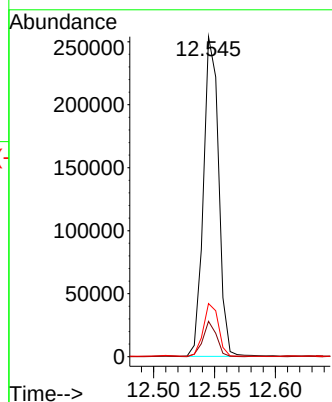
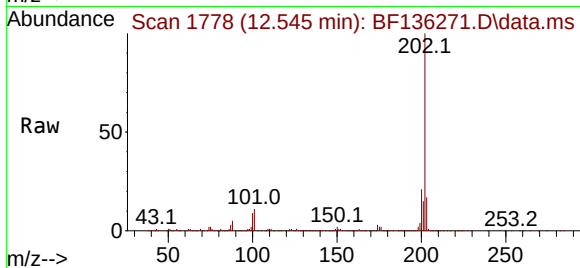




#75
Fluoranthene
Concen: 12.172 ng
RT: 12.545 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

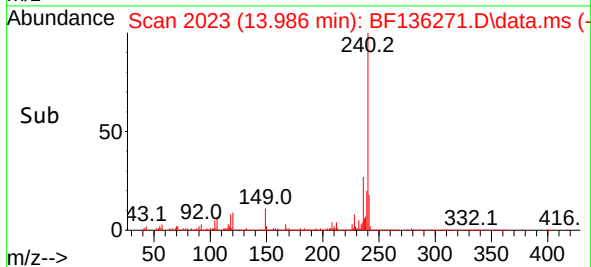
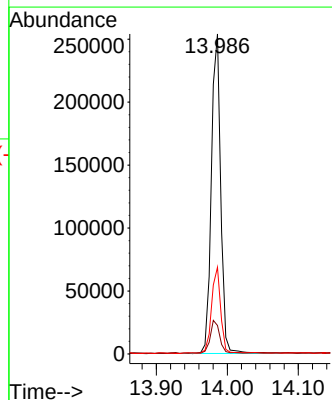
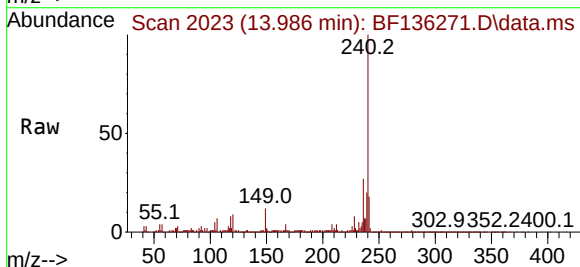
Instrument :
BNA_F
ClientSampleId :
HD-01-112723MS

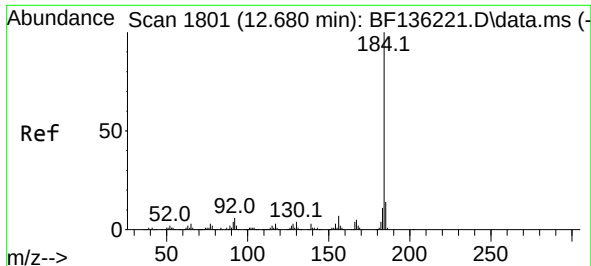
Tgt Ion:202 Resp: 220282
Ion Ratio Lower Upper
202 100
101 11.1 0.0 27.8
203 16.6 0.0 34.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

Tgt Ion:240 Resp: 233200
Ion Ratio Lower Upper
240 100
120 8.9 7.4 11.2
236 27.1 21.1 31.7

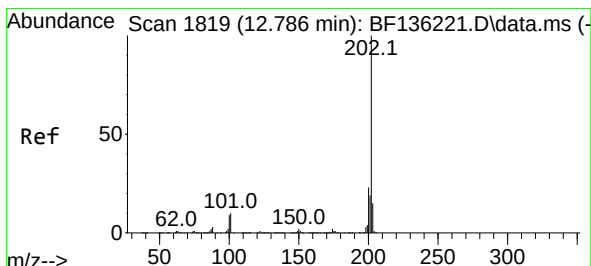
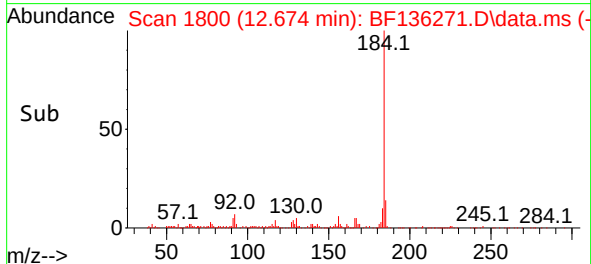
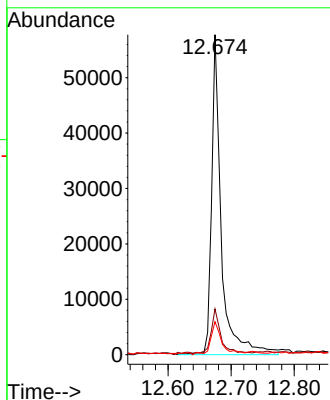
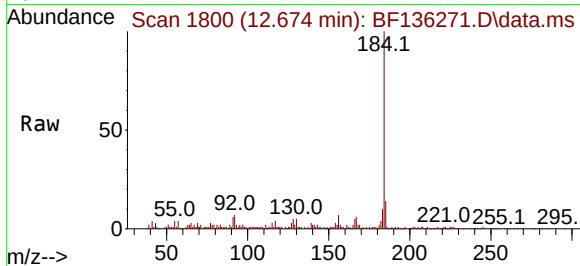




#77
Benzidine
Concen: 16.120 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

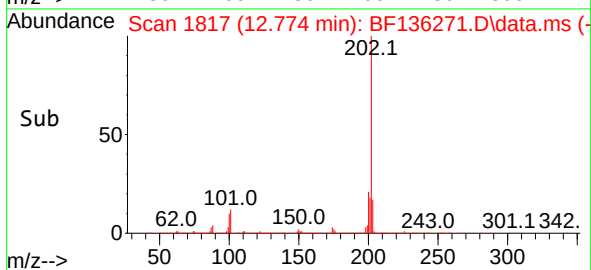
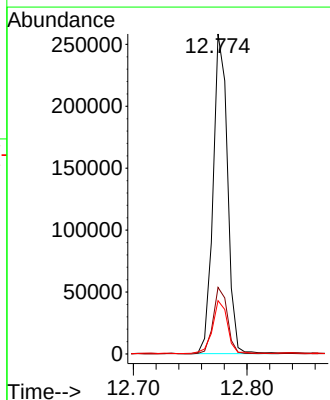
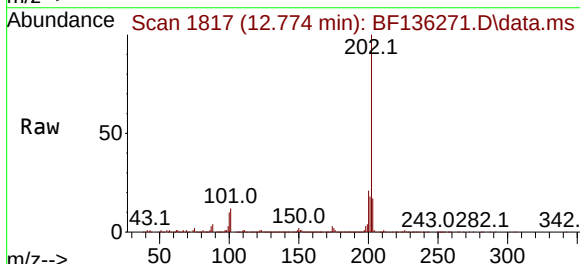
Instrument :
BNA_F
ClientSampleId :
HD-01-112723MS

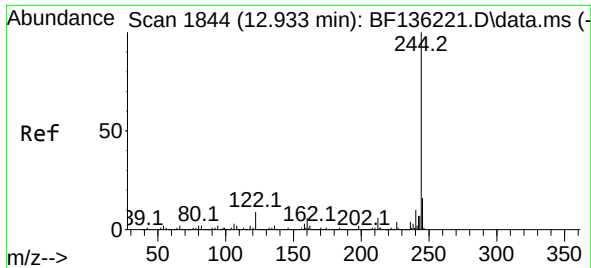
Tgt Ion:184 Resp: 61796
Ion Ratio Lower Upper
184 100
185 14.3 11.0 16.6
183 10.3 9.0 13.4



#78
Pyrene
Concen: 8.906 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.012 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

Tgt Ion:202 Resp: 227445
Ion Ratio Lower Upper
202 100
200 20.8 18.4 27.6
203 16.7 11.8 17.6

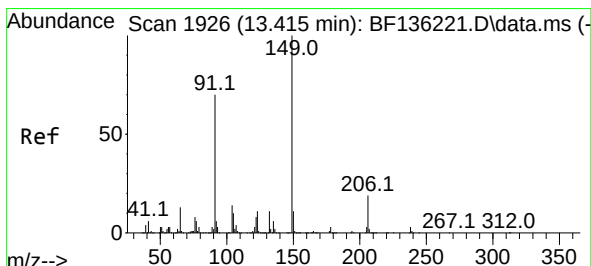
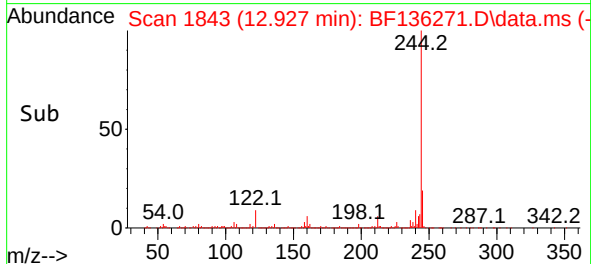
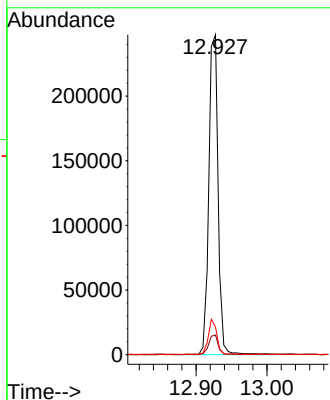
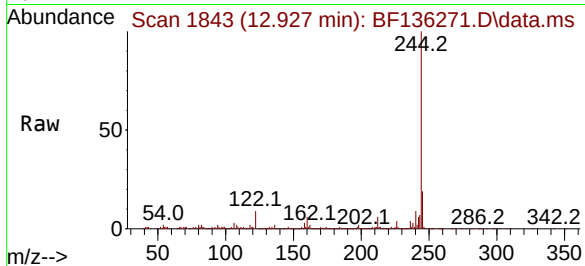




#79
 Terphenyl-d14
 Concen: 11.173 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF136271.D
 Acq: 29 Nov 2023 02:57

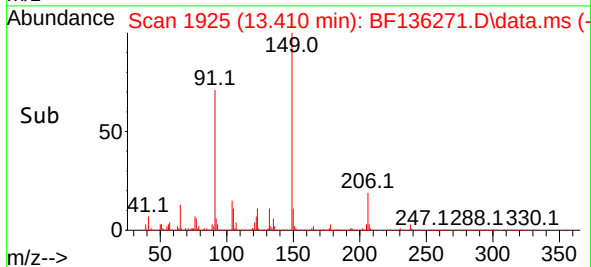
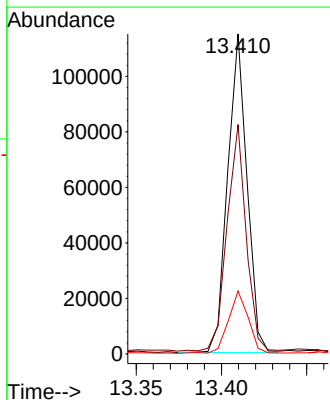
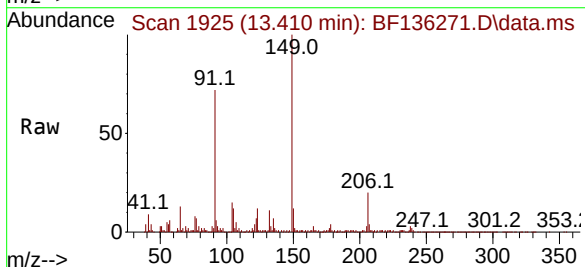
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-112723MS

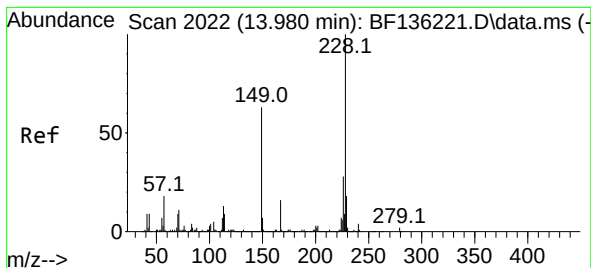
Tgt Ion:244 Resp: 225893
 Ion Ratio Lower Upper
 244 100
 212 6.2 4.6 7.0
 122 8.7 7.3 10.9



#80
 Butylbenzylphthalate
 Concen: 11.386 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136271.D
 Acq: 29 Nov 2023 02:57

Tgt Ion:149 Resp: 90502
 Ion Ratio Lower Upper
 149 100
 91 71.7 56.4 84.6
 206 19.6 14.8 22.2





#81

Benzo(a)anthracene

Concen: 9.884 ng

RT: 13.974 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

Instrument :

BNA_F

ClientSampleId :

HD-01-112723MS

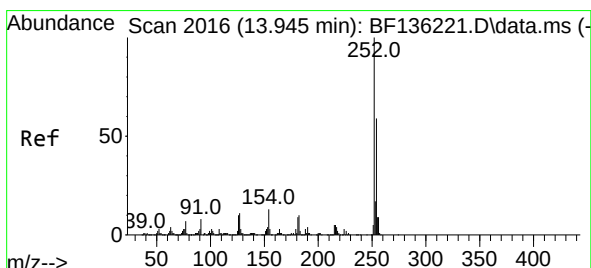
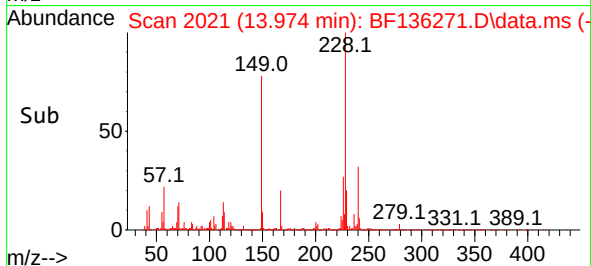
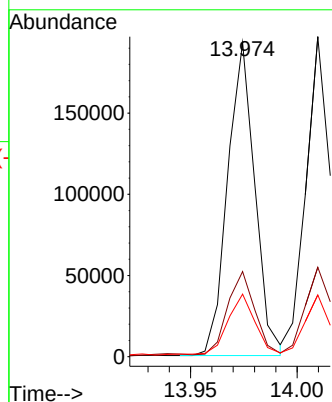
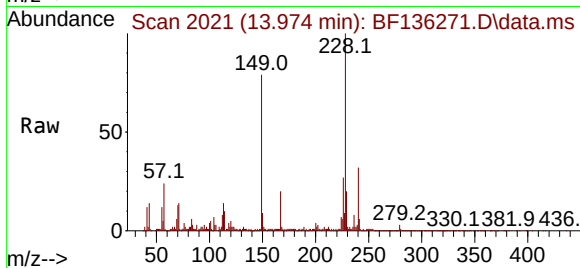
Tgt Ion:228 Resp: 171199

Ion Ratio Lower Upper

228 100

226 27.1 22.6 34.0

229 19.9 14.0 21.0



#82

3,3'-Dichlorobenzidine

Concen: 10.601 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

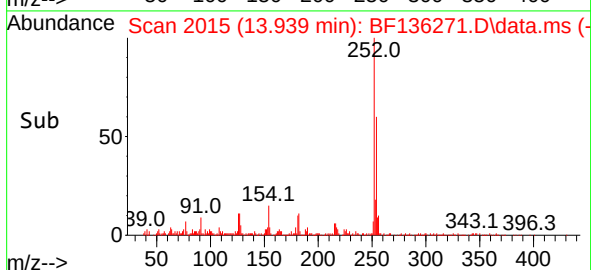
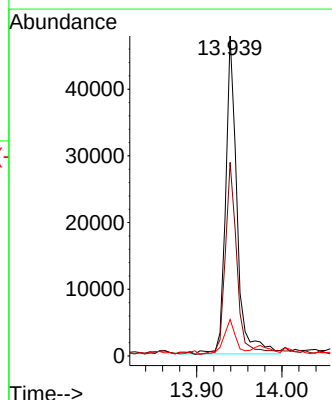
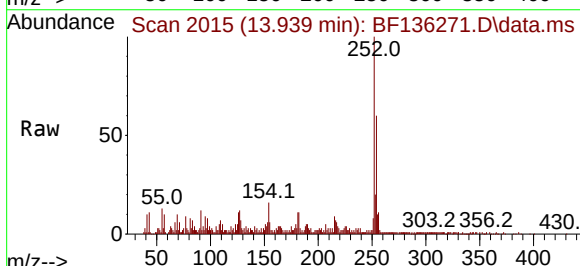
Tgt Ion:252 Resp: 44202

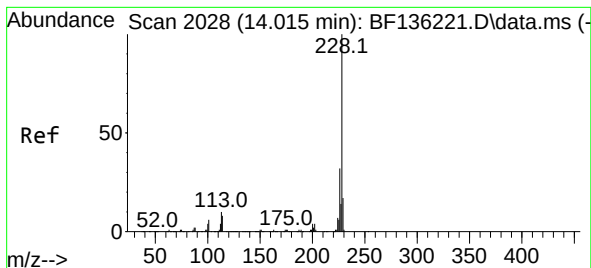
Ion Ratio Lower Upper

252 100

254 60.5 47.4 71.2

126 11.4 8.3 12.5





#83

Chrysene

Concen: 9.463 ng

RT: 14.010 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

Instrument :

BNA_F

ClientSampleId :

HD-01-112723MS

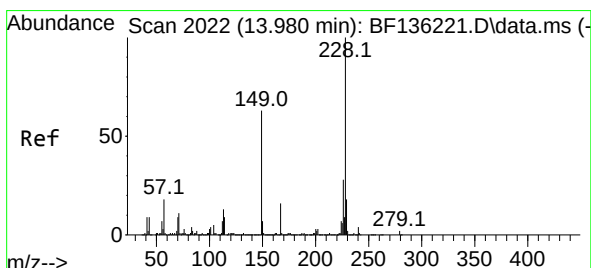
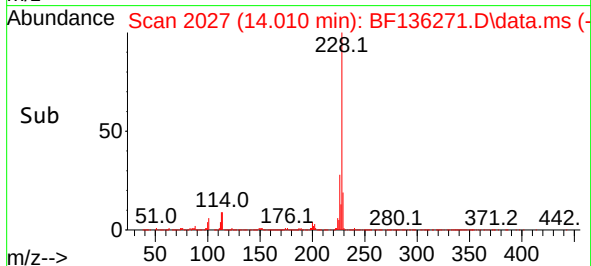
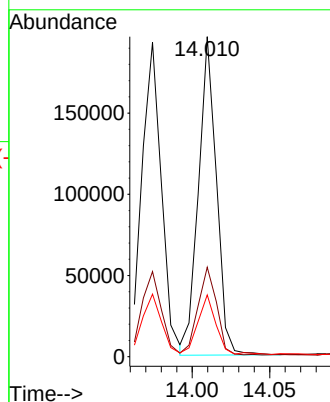
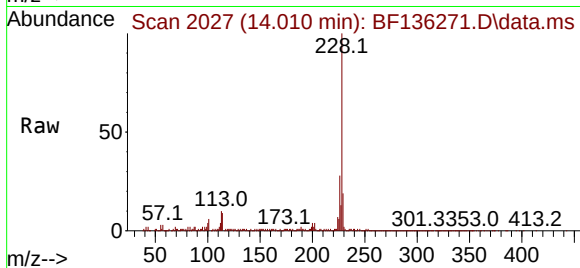
Tgt Ion:228 Resp: 158265

Ion Ratio Lower Upper

228 100

226 27.9 25.5 38.3

229 19.3 13.9 20.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 13.992 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

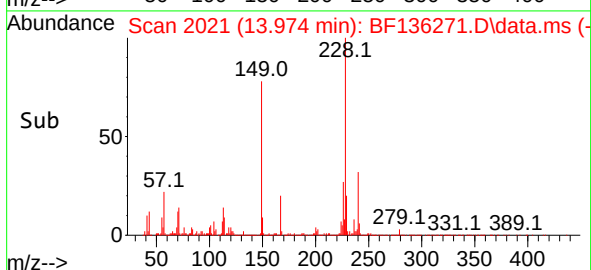
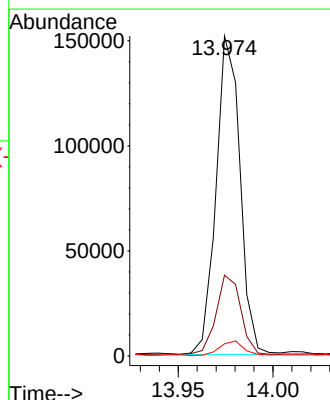
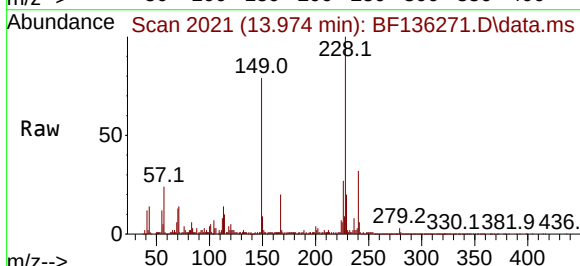
Tgt Ion:149 Resp: 133472

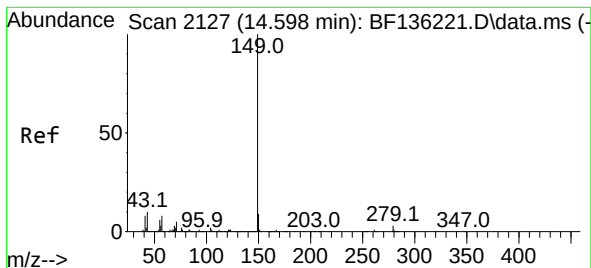
Ion Ratio Lower Upper

149 100

167 25.2 20.2 30.2

279 3.8 2.4 3.6





#85

Di-n-octyl phthalate

Concen: 16.960 ng

RT: 14.592 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

Instrument :

BNA_F

ClientSampleId :

HD-01-112723MS

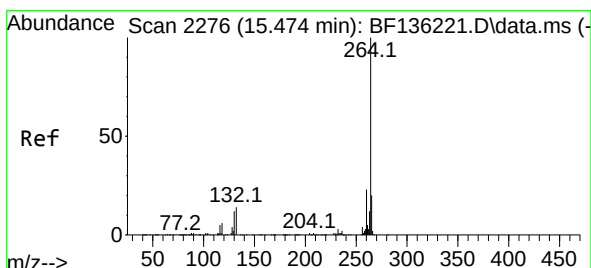
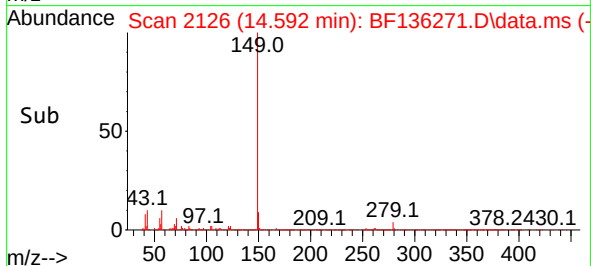
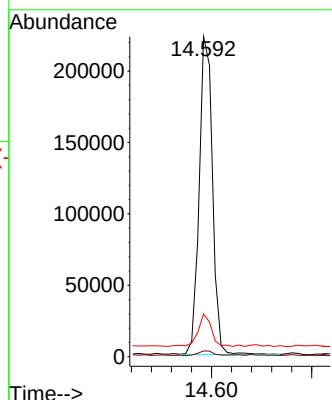
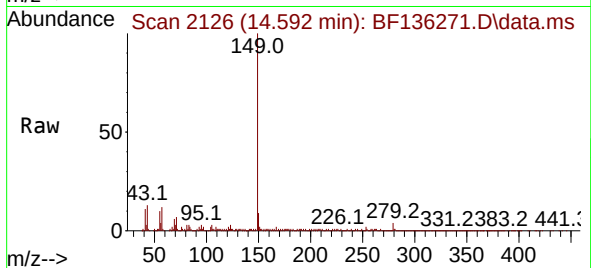
Tgt Ion:149 Resp: 204802

Ion Ratio Lower Upper

149 100

167 1.7 1.0 1.6#

43 11.2 7.2 10.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

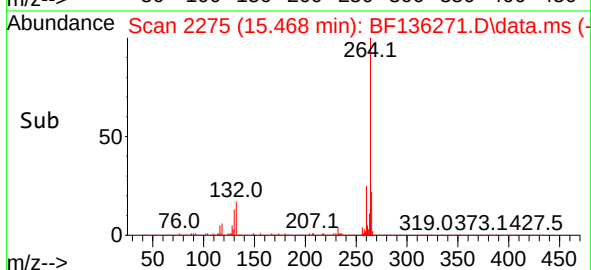
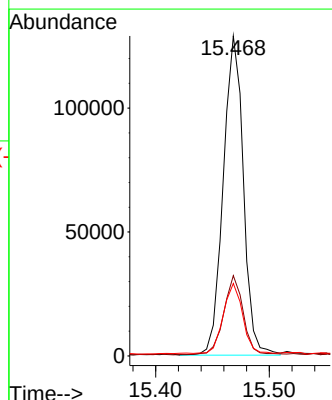
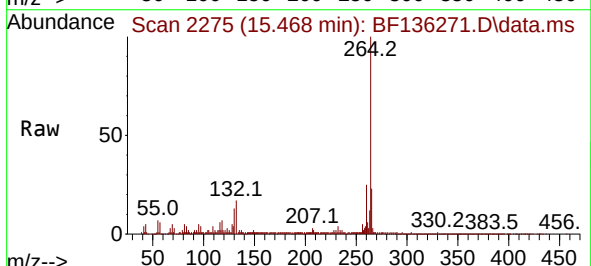
Tgt Ion:264 Resp: 158895

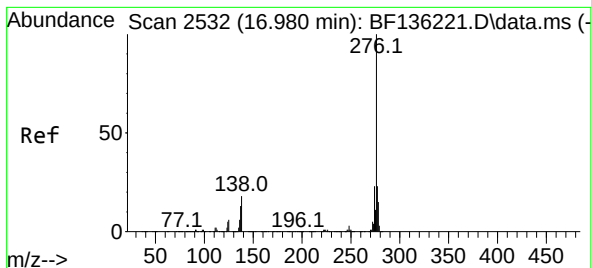
Ion Ratio Lower Upper

264 100

260 25.1 18.6 27.8

265 22.7 15.7 23.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 10.221 ng

RT: 16.968 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

Instrument :

BNA_F

ClientSampleId :

HD-01-112723MS

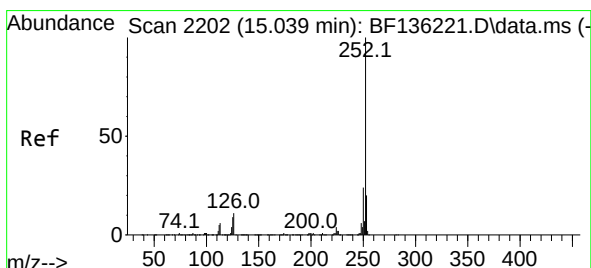
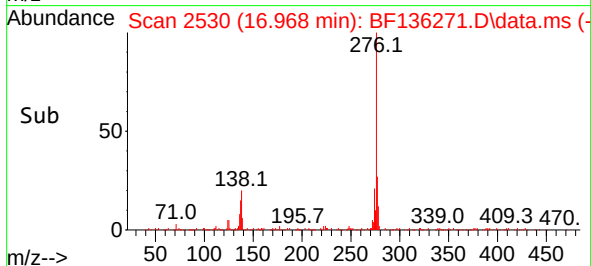
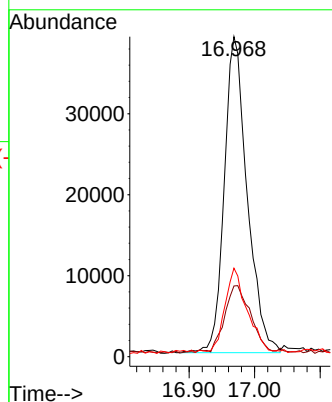
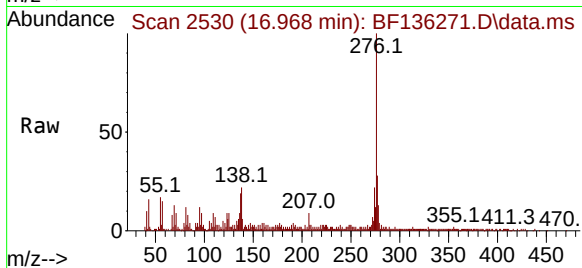
Tgt Ion:276 Resp: 94870

Ion Ratio Lower Upper

276 100

138 24.6 17.7 26.5

277 26.0 19.6 29.4



#88

Benzo(b)fluoranthene

Concen: 10.080 ng

RT: 15.027 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

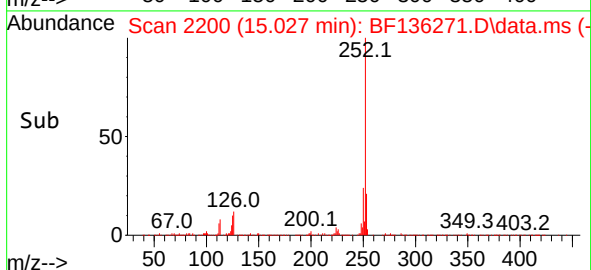
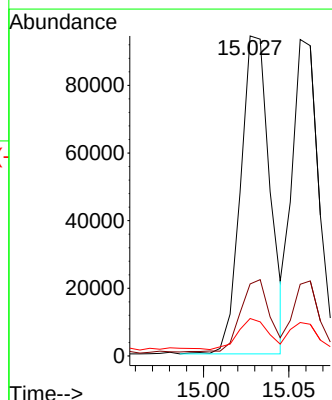
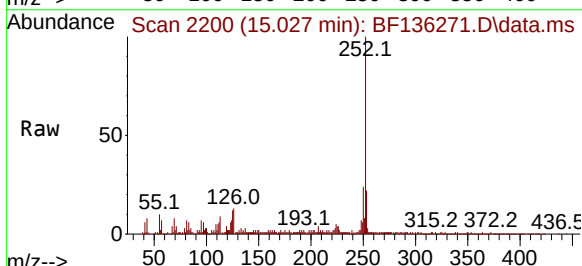
Tgt Ion:252 Resp: 112366

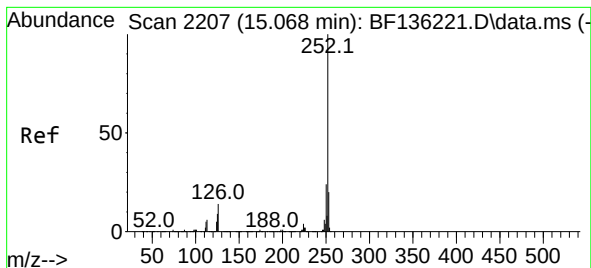
Ion Ratio Lower Upper

252 100

253 22.5 16.2 24.2

125 11.7 6.9 10.3#





#89

Benzo(k)fluoranthene

Concen: 9.578 ng

RT: 15.057 min Scan# 21

Delta R.T. -0.011 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

Instrument :

BNA_F

ClientSampleId :

HD-01-112723MS

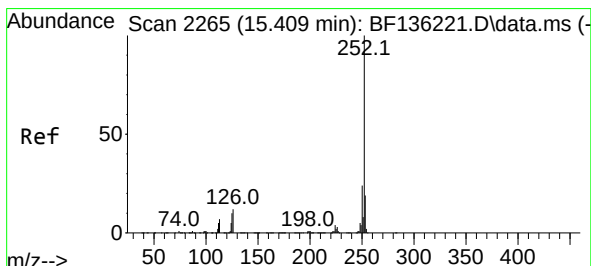
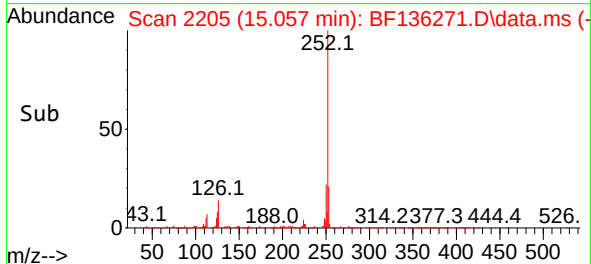
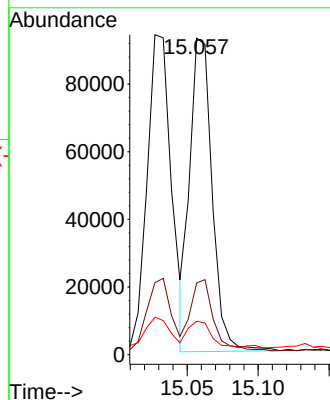
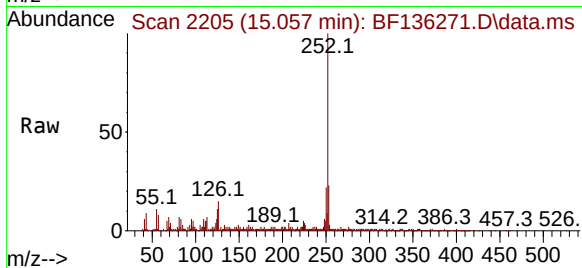
Tgt Ion:252 Resp: 101409

Ion Ratio Lower Upper

252 100

253 22.7 15.6 23.4

125 10.6 7.0 10.4#



#90

Benzo(a)pyrene

Concen: 9.569 ng

RT: 15.404 min Scan# 2264

Delta R.T. -0.005 min

Lab File: BF136271.D

Acq: 29 Nov 2023 02:57

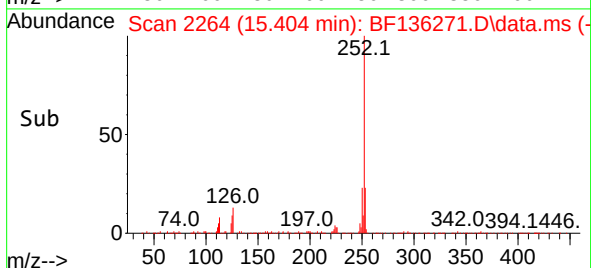
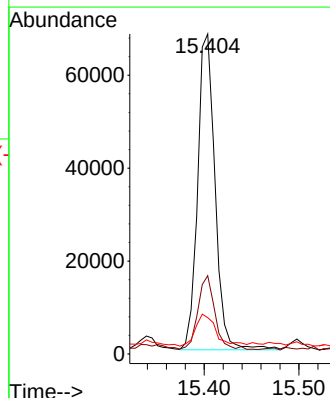
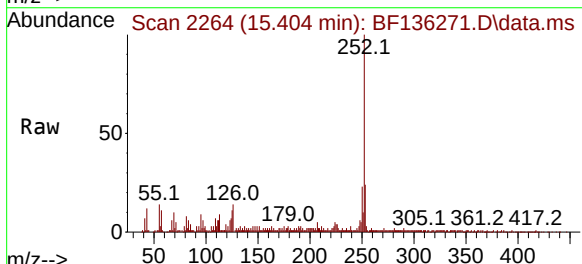
Tgt Ion:252 Resp: 87202

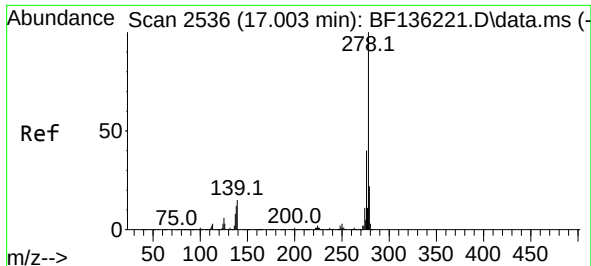
Ion Ratio Lower Upper

252 100

253 24.5 15.5 23.3#

125 11.4 7.9 11.9

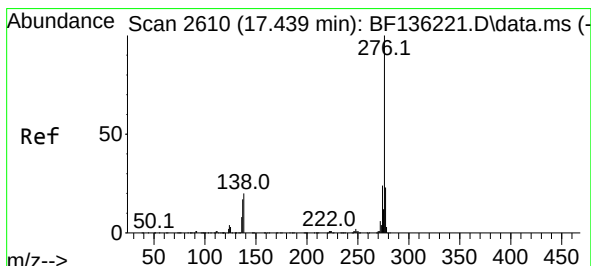
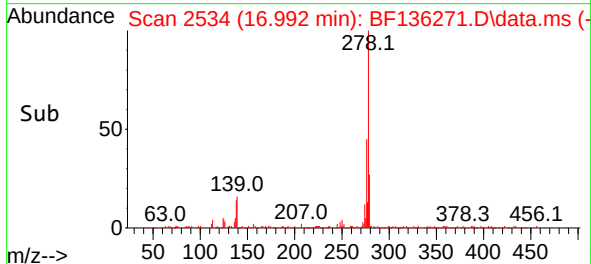
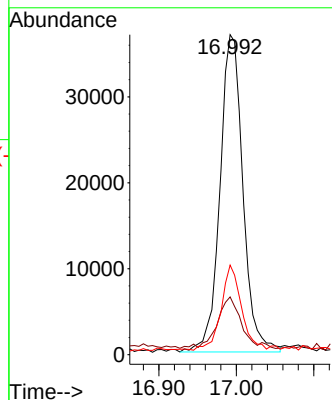
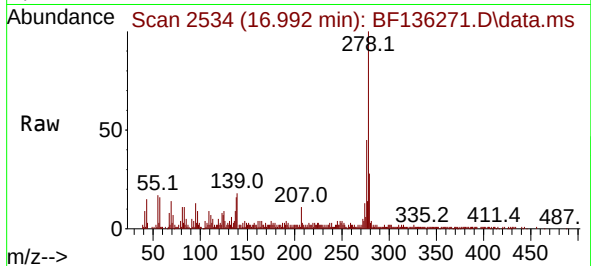




#91
Dibenzo(a,h)anthracene
Concen: 10.259 ng
RT: 16.992 min Scan# 21
Delta R.T. -0.011 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

Instrument :
BNA_F
ClientSampleId :
HD-01-112723MS

Tgt Ion:278 Resp: 76242
Ion Ratio Lower Upper
278 100
139 18.0 11.7 17.5#
279 28.0 17.8 26.8#



#92
Benzo(g,h,i)perylene
Concen: 9.762 ng
RT: 17.421 min Scan# 2607
Delta R.T. -0.018 min
Lab File: BF136271.D
Acq: 29 Nov 2023 02:57

Tgt Ion:276 Resp: 78297
Ion Ratio Lower Upper
276 100
277 26.9 18.6 27.8
138 21.0 15.8 23.8

