

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112723\
 Data File : BF136232.D
 Acq On : 27 Nov 2023 20:29
 Operator : CG\JU
 Sample : 05468-04MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9MS

Quant Time: Nov 28 04:10:51 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	119454	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	511480	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	259656	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	460458	20.000	ng	0.00
76) Chrysene-d12	13.986	240	216087	20.000	ng	0.00
86) Perylene-d12	15.468	264	233041	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1185920	138.181	ng	0.02
7) Phenol-d6	6.445	99	1341420	125.003	ng	0.00
23) Nitrobenzene-d5	7.369	82	951429	98.296	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	446636	140.694	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1987310	97.760	ng	0.00
79) Terphenyl-d14	12.927	244	1610637	85.977	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	151989	46.804	ng	# 84
3) Pyridine	3.493	79	292157	36.446	ng	98
4) n-Nitrosodimethylamine	3.440	42	199418	49.214	ng	98
6) Aniline	6.475	93	127783	12.598	ng	97
8) 2-Chlorophenol	6.592	128	466245	49.893	ng	96
9) Benzaldehyde	6.363	77	31945	5.341	ng	95
10) Phenol	6.457	94	506767	44.018	ng	95
11) bis(2-Chloroethyl)ether	6.551	93	429106	50.807	ng	97
12) 1,3-Dichlorobenzene	6.751	146	467791	44.111	ng	98
13) 1,4-Dichlorobenzene	6.822	146	480825	44.600	ng	98
14) 1,2-Dichlorobenzene	6.975	146	458033	44.878	ng	98
15) Benzyl Alcohol	6.951	79	393333	52.278	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	573845	48.916	ng	98
17) 2-Methylphenol	7.063	107	364437	49.605	ng	98
18) Hexachloroethane	7.316	117	166957	44.151	ng	97
19) n-Nitroso-di-n-propyla...	7.222	70	331994	51.727	ng	98
20) 3+4-Methylphenols	7.216	107	457603	47.926	ng	92
22) Acetophenone	7.216	105	701161	52.196	ng	# 95
24) Nitrobenzene	7.386	77	475599	48.487	ng	99
25) Isophorone	7.628	82	898861	51.502	ng	98
26) 2-Nitrophenol	7.704	139	226597	54.219	ng	95
27) 2,4-Dimethylphenol	7.739	122	341327	62.051	ng	98
28) bis(2-Chloroethoxy)met...	7.839	93	546465	51.764	ng	99
29) 2,4-Dichlorophenol	7.939	162	388449	52.354	ng	97
30) 1,2,4-Trichlorobenzene	8.022	180	437192	48.128	ng	99
31) Naphthalene	8.104	128	1429113	49.710	ng	99
32) Benzoic acid	7.863	122	248252	49.519	ng	93
33) 4-Chloroaniline	8.151	127	42667	4.366	ng	96
34) Hexachlorobutadiene	8.222	225	246191	46.325	ng	97
35) Caprolactam	8.528	113	64972	31.325	ng	91
36) 4-Chloro-3-methylphenol	8.639	107	402287	49.992	ng	99
37) 2-Methylnaphthalene	8.798	142	890652	49.387	ng	100
38) 1-Methylnaphthalene	8.898	142	860885	48.935	ng	94
40) 1,2,4,5-Tetrachloroben...	8.963	216	433142	52.416	ng	98
41) Hexachlorocyclopentadiene	8.951	237	467116	146.906	ng	97
43) 2,4,6-Trichlorophenol	9.075	196	280278	52.255	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	285700	48.810	ng	98
46) 1,1'-Biphenyl	9.263	154	1201393	52.468	ng	99
47) 2-Chloronaphthalene	9.286	162	899762	50.600	ng	99
48) 2-Nitroaniline	9.386	65	229356	49.402	ng	90
49) Acenaphthylene	9.704	152	1423652	56.102	ng	99
50) Dimethylphthalate	9.575	163	1071978	54.622	ng	98
51) 2,6-Dinitrotoluene	9.633	165	208718	52.058	ng	89
52) Acenaphthene	9.874	154	818633	51.048	ng	99
53) 3-Nitroaniline	9.792	138	22205	5.582	ng	# 96
54) 2,4-Dinitrophenol	9.904	184	199732	107.114	ng	99
55) Dibenzofuran	10.051	168	1241982	52.047	ng	100
56) 4-Nitrophenol	9.963	139	255406	84.532	ng	97
57) 2,4-Dinitrotoluene	10.033	165	274580	51.271	ng	89
58) Fluorene	10.392	166	953553	50.944	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.169	232	240758	51.696	ng	99
60) Diethylphthalate	10.274	149	1004414	51.163	ng	100
61) 4-Chlorophenyl-phenyle...	10.386	204	460313	50.640	ng	95
62) 4-Nitroaniline	10.416	138	162107	41.630	ng	98
63) Azobenzene	10.551	77	928924	51.040	ng	97
65) 4,6-Dinitro-2-methylph...	10.439	198	126360	50.183	ng	95
66) n-Nitrosodiphenylamine	10.510	169	806863	54.680	ng	100
67) 4-Bromophenyl-phenylether	10.880	248	287492	53.517	ng	95
68) Hexachlorobenzene	10.939	284	327080	52.608	ng	# 92
69) Atrazine	11.039	200	240139	54.860	ng	98
70) Pentachlorophenol	11.139	266	345073	98.188	ng	97
71) Phenanthrene	11.357	178	1389857	53.704	ng	100
72) Anthracene	11.410	178	1414601	54.506	ng	100
73) Carbazole	11.569	167	1040011	47.117	ng	99
74) Di-n-butylphthalate	11.904	149	1588447	57.515	ng	100
75) Fluoranthene	12.551	202	1252089	47.658	ng	98
77) Benzidine	12.674	184	67487	18.999	ng	96
78) Pyrene	12.780	202	1234986	52.186	ng	99
80) Butylbenzylphthalate	13.415	149	465577	63.213	ng	91
81) Benzo(a)anthracene	13.974	228	854422	53.234	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	113718	29.434	ng	97
83) Chrysene	14.015	228	821364	53.001	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	636161	71.971	ng	# 99
85) Di-n-octyl phthalate	14.598	149	995158	67.028	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	743980	43.005	ng	100
88) Benzo(b)fluoranthene	15.033	252	844626	51.660	ng	99
89) Benzo(k)fluoranthene	15.062	252	718422	46.265	ng	98
90) Benzo(a)pyrene	15.404	252	675886	50.569	ng	98
91) Dibenzo(a,h)anthracene	16.998	278	604465	43.505	ng	98
92) Benzo(g,h,i)perylene	17.427	276	547670	39.393	ng	99

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

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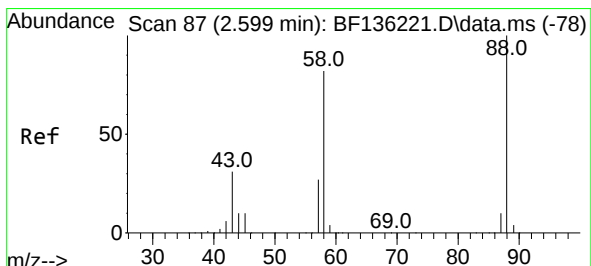
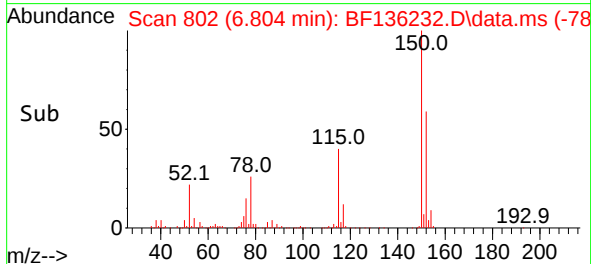
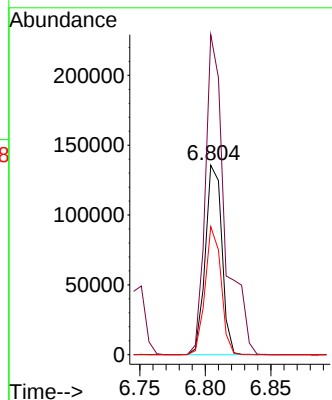
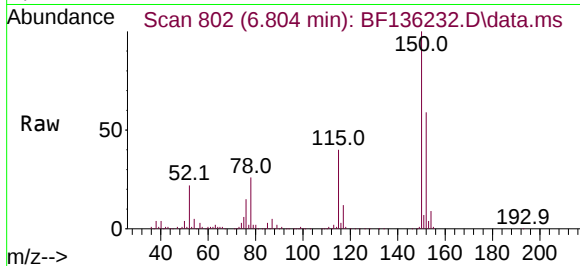




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136232.D
 Acq: 27 Nov 2023 20:29

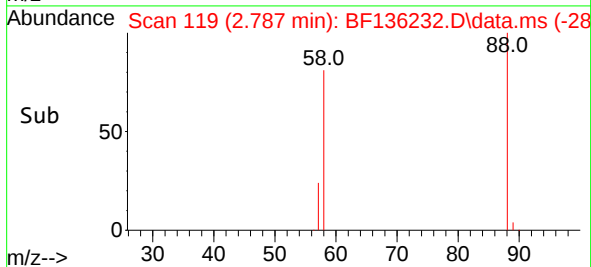
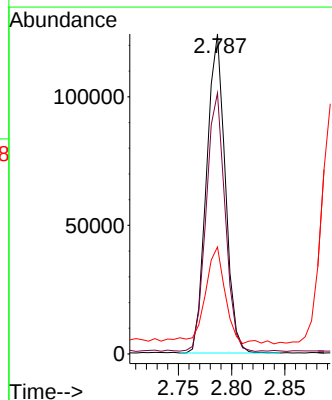
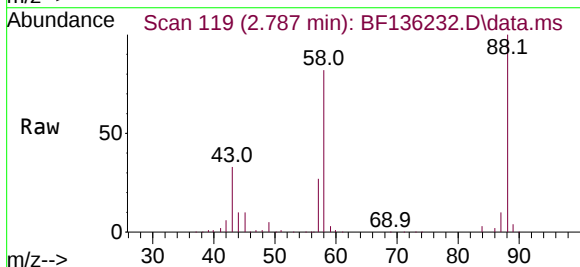
Instrument :
 BNA_F
 ClientSampleId :
 TP-9MS

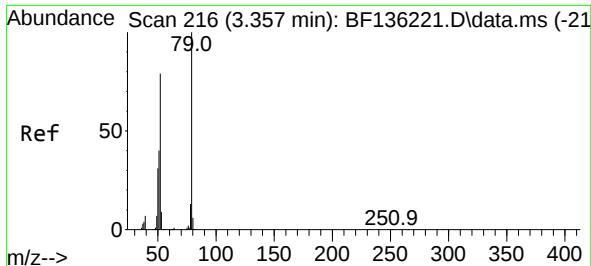
Tgt Ion:152 Resp: 119454
 Ion Ratio Lower Upper
 152 100
 150 168.9 137.8 206.8
 115 67.6 52.7 79.1



#2
 1,4-Dioxane
 Concen: 46.804 ng
 RT: 2.787 min Scan# 119
 Delta R.T. 0.188 min
 Lab File: BF136232.D
 Acq: 27 Nov 2023 20:29

Tgt Ion: 88 Resp: 151989
 Ion Ratio Lower Upper
 88 100
 58 81.5 65.9 98.9
 43 0.0 24.8 37.2#





#3

Pyridine

Concen: 36.446 ng

RT: 3.493 min Scan# 21

Delta R.T. 0.135 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Instrument :

BNA_F

ClientSampleId :

TP-9MS

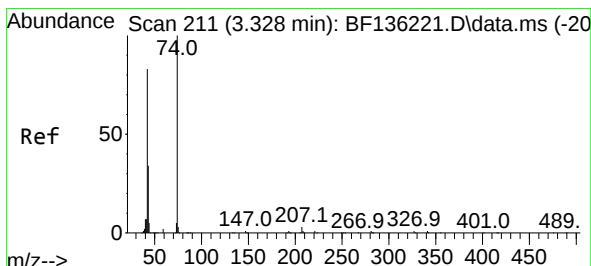
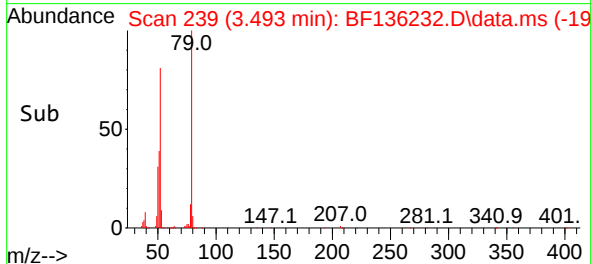
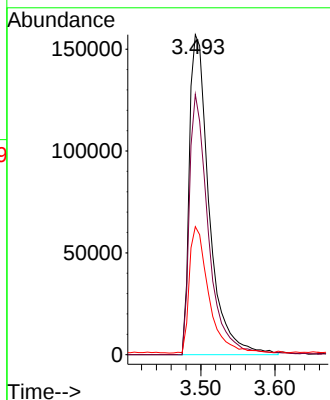
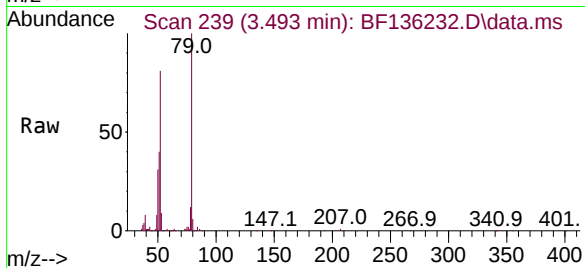
Tgt Ion: 79 Resp: 292157

Ion Ratio Lower Upper

79 100

52 81.3 63.2 94.8

51 40.0 32.6 49.0



#4

n-Nitrosodimethylamine

Concen: 49.214 ng

RT: 3.440 min Scan# 230

Delta R.T. 0.112 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

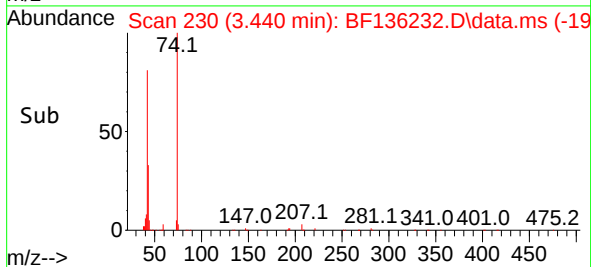
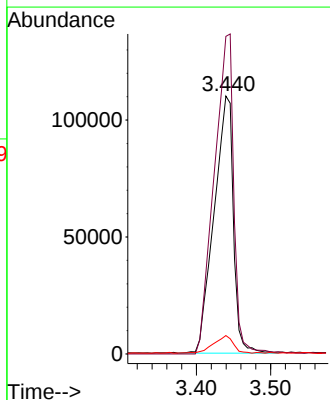
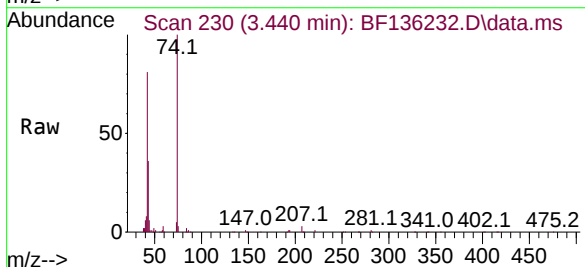
Tgt Ion: 42 Resp: 199418

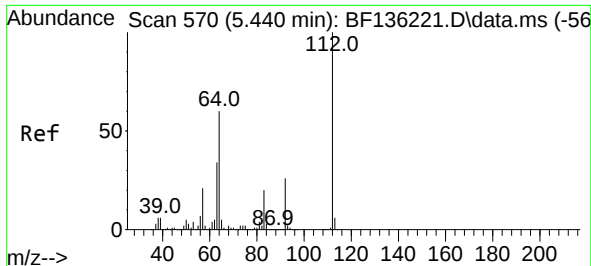
Ion Ratio Lower Upper

42 100

74 123.1 96.6 144.8

44 7.1 5.4 8.2

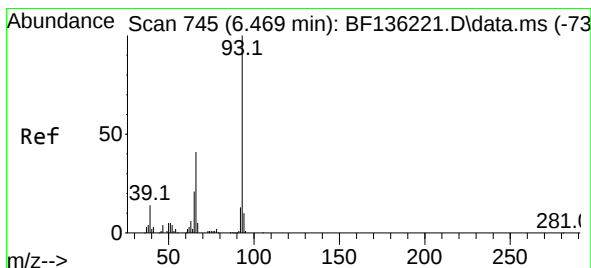
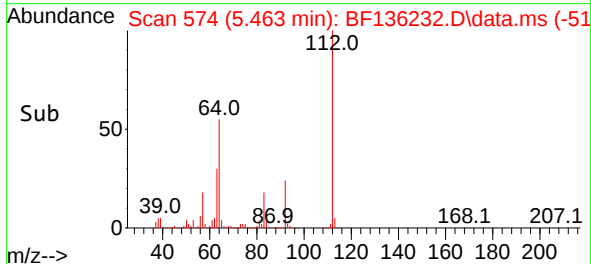
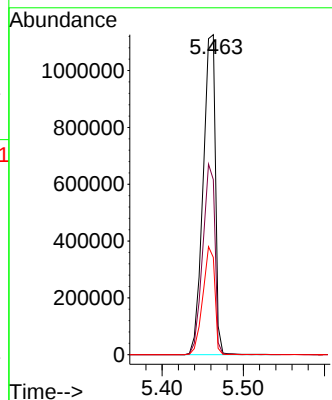
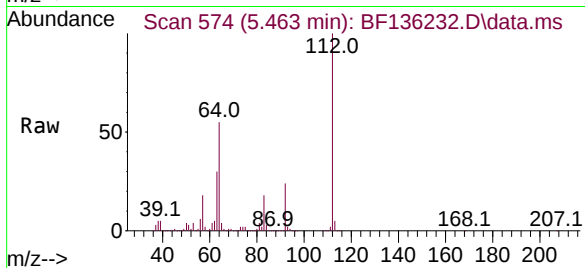




#5
2-Fluorophenol
Concen: 138.181 ng
RT: 5.463 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

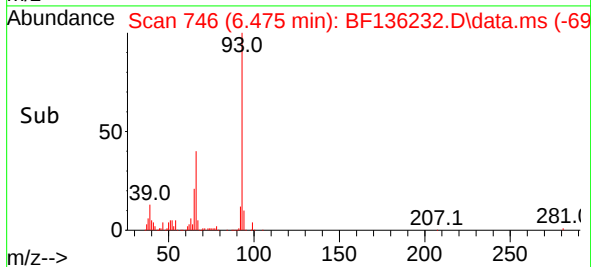
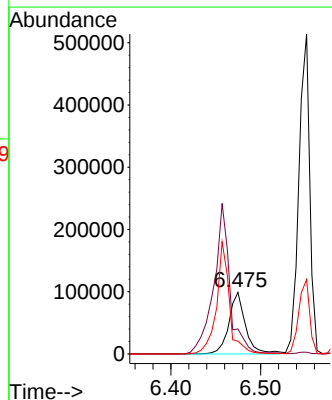
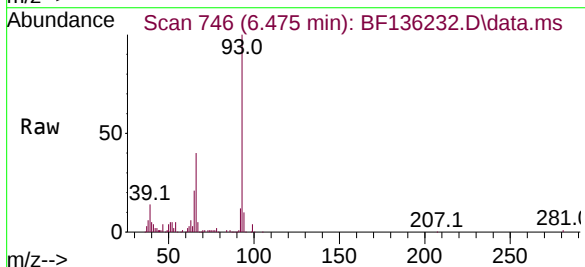
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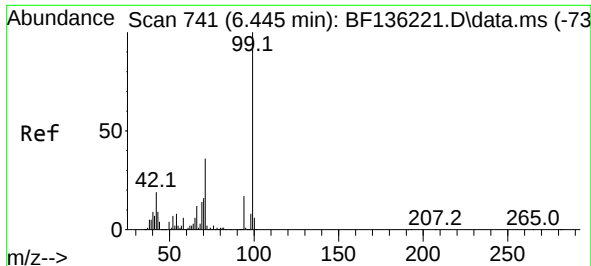
Tgt Ion:112 Resp: 1185920
Ion Ratio Lower Upper
112 100
64 54.7 48.2 72.4
63 30.4 27.0 40.6



#6
Aniline
Concen: 12.598 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Tgt Ion: 93 Resp: 127783
Ion Ratio Lower Upper
93 100
66 40.4 34.1 51.1
65 20.7 17.3 25.9

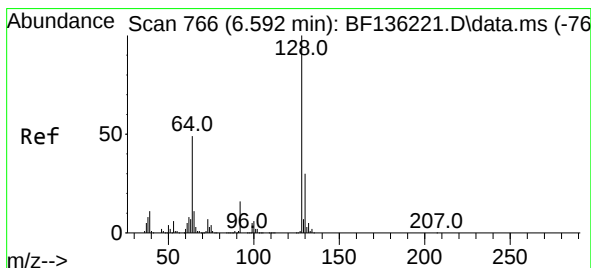
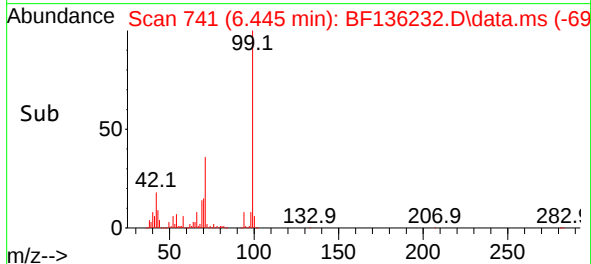
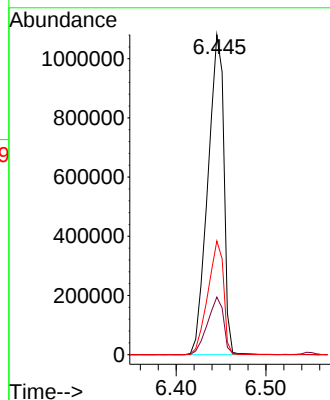
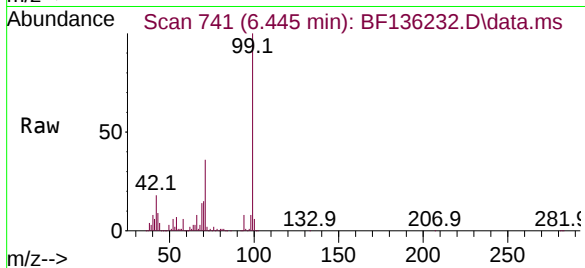




#7
Phenol-d6
Concen: 125.003 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

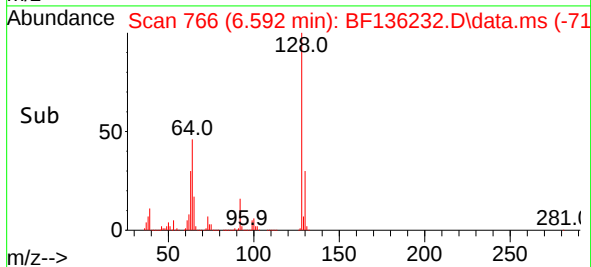
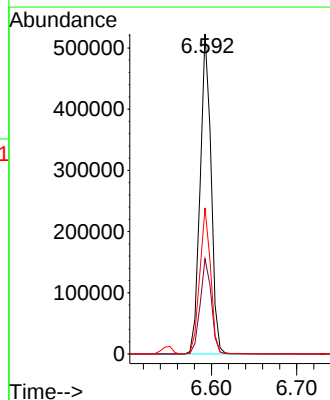
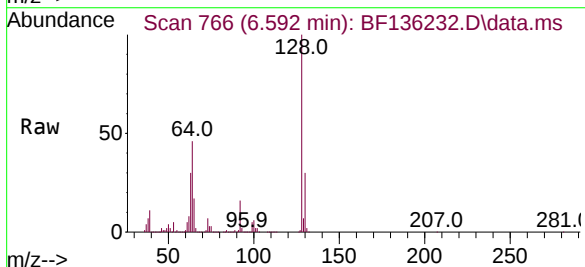
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Tgt Ion: 99 Resp: 1341420
Ion Ratio Lower Upper
99 100
42 18.0 15.0 22.6
71 35.6 28.9 43.3



#8
2-Chlorophenol
Concen: 49.893 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Tgt Ion:128 Resp: 466245
Ion Ratio Lower Upper
128 100
130 29.7 10.3 50.3
64 45.7 30.0 70.0





#9

Benzaldehyde

Concen: 5.341 ng

RT: 6.363 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Instrument :

BNA_F

ClientSampleId :

TP-9MS

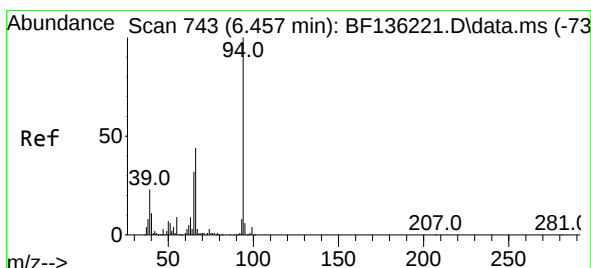
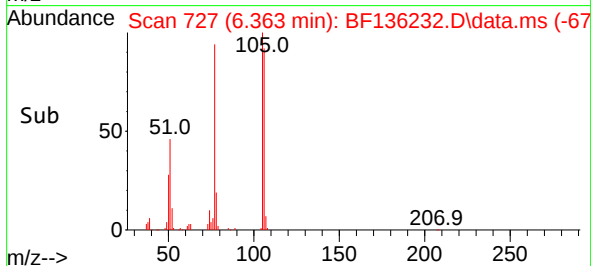
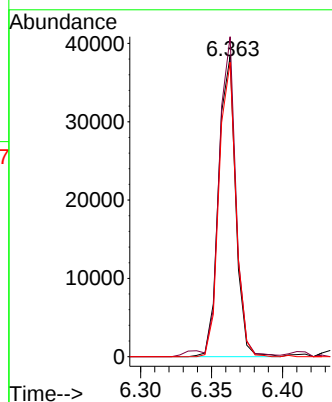
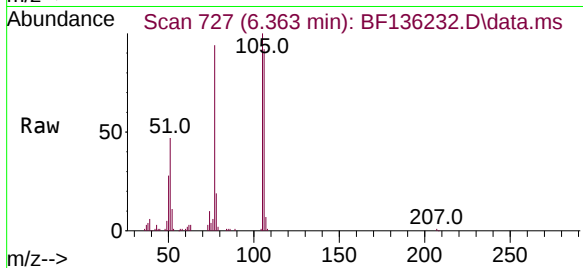
Tgt Ion: 77 Resp: 31945

Ion Ratio Lower Upper

77 100

105 106.5 84.3 124.3

106 98.0 71.0 111.0



#10

Phenol

Concen: 44.018 ng

RT: 6.457 min Scan# 743

Delta R.T. -0.000 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

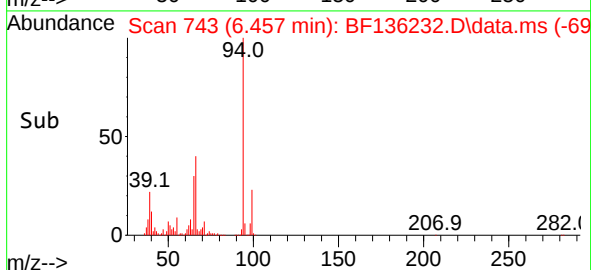
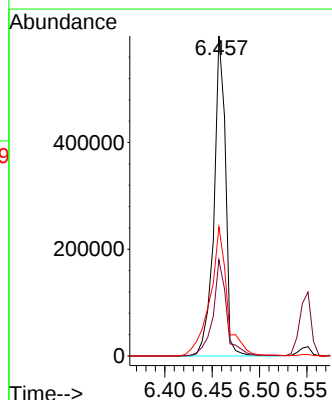
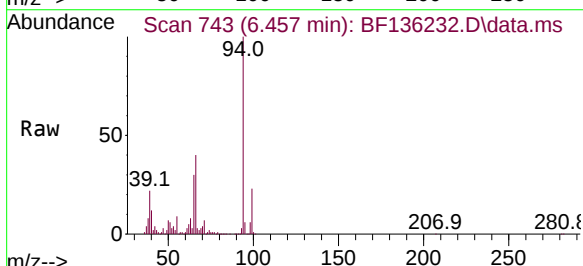
Tgt Ion: 94 Resp: 506767

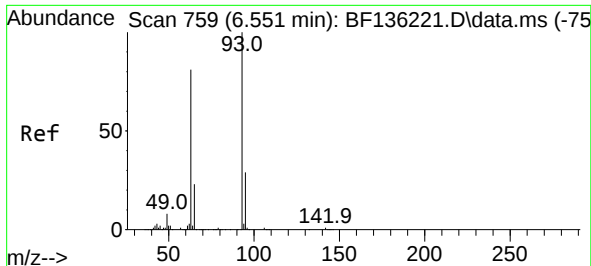
Ion Ratio Lower Upper

94 100

65 30.1 12.5 52.5

66 40.3 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 50.807 ng

RT: 6.551 min Scan# 759

Delta R.T. -0.000 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Instrument :

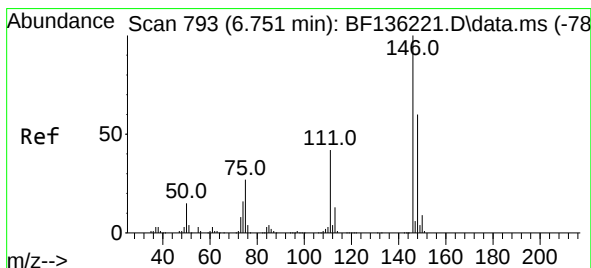
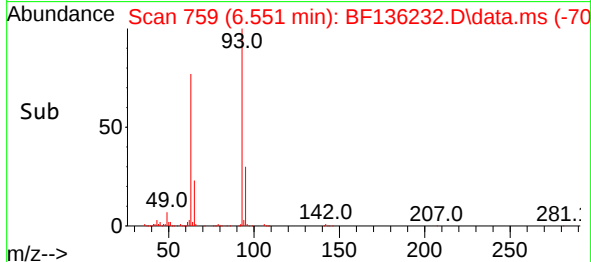
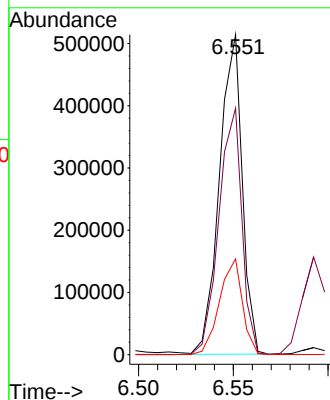
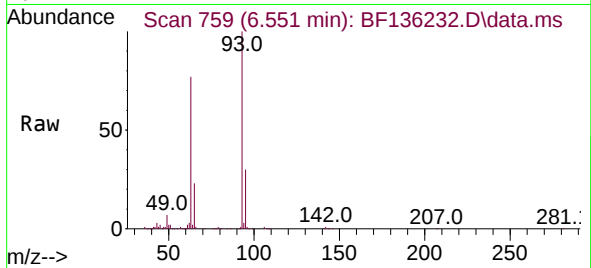
BNA_F

ClientSampleId :

TP-9MS

Tgt Ion: 93 Resp: 429106

Ion	Ratio	Lower	Upper
93	100		
63	77.0	60.2	100.2
95	30.0	9.1	49.1



#12

1,3-Dichlorobenzene

Concen: 44.111 ng

RT: 6.751 min Scan# 793

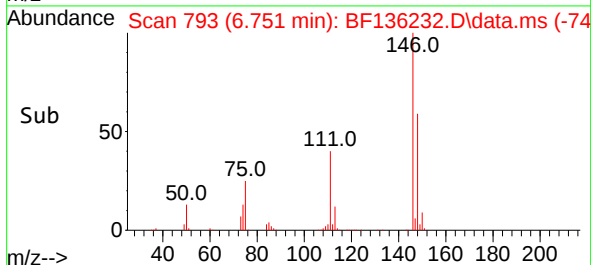
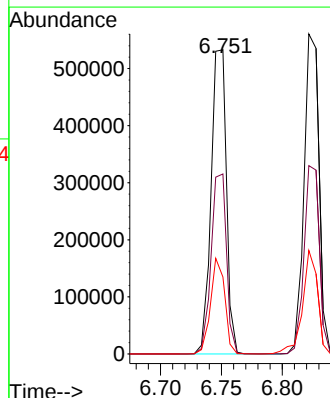
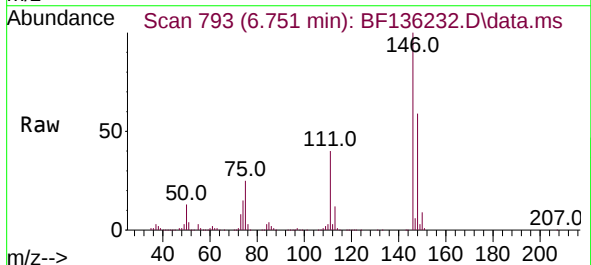
Delta R.T. -0.000 min

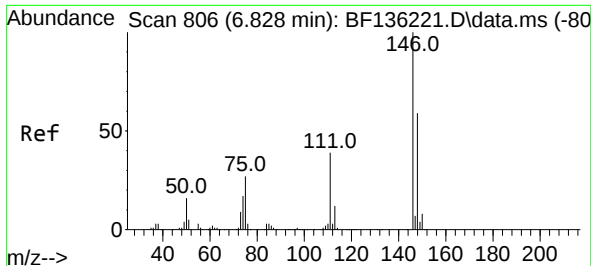
Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Tgt Ion: 146 Resp: 467791

Ion	Ratio	Lower	Upper
146	100		
148	59.2	47.8	71.6
75	25.3	22.0	33.0





#13

1,4-Dichlorobenzene

Concen: 44.600 ng

RT: 6.822 min Scan# 806

Delta R.T. -0.006 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Instrument :

BNA_F

ClientSampleId :

TP-9MS

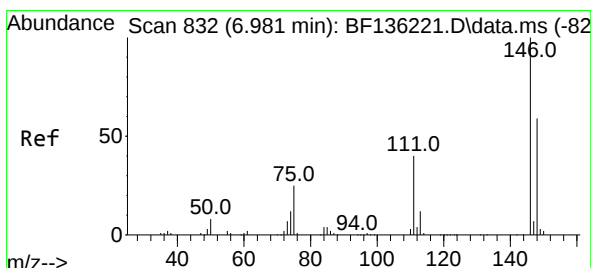
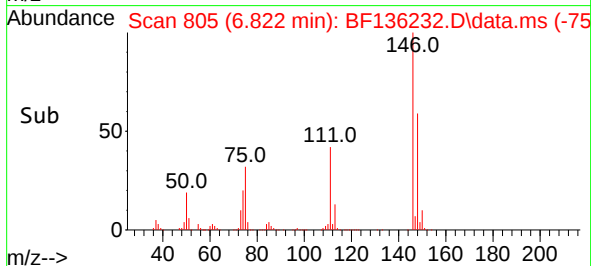
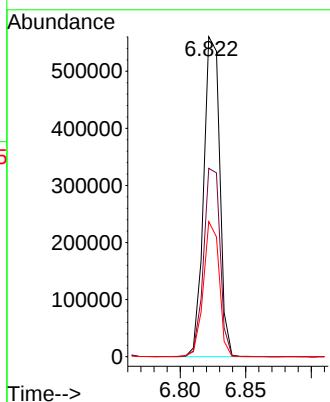
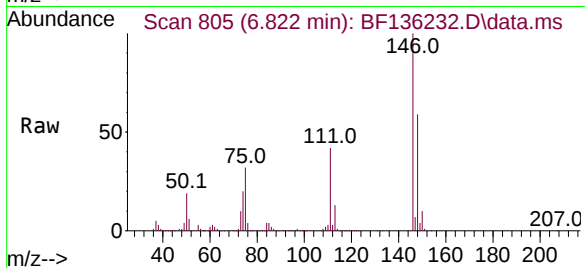
Tgt Ion:146 Resp: 480825

Ion Ratio Lower Upper

146 100

148 58.8 47.0 70.6

111 42.2 31.5 47.3



#14

1,2-Dichlorobenzene

Concen: 44.878 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

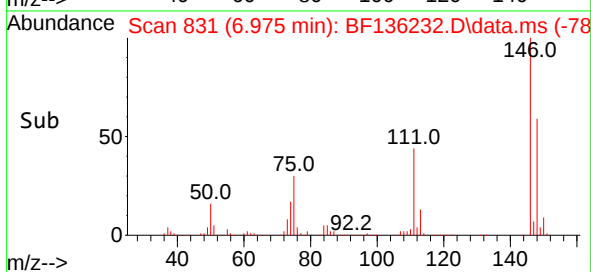
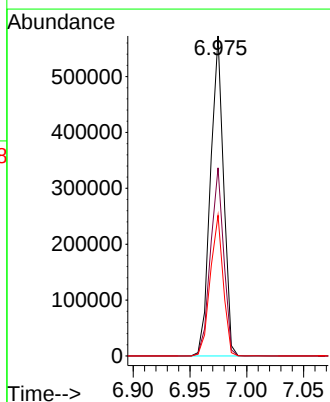
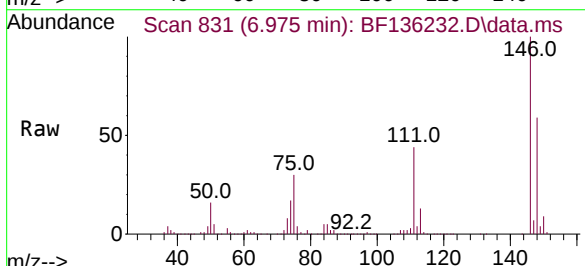
Tgt Ion:146 Resp: 458033

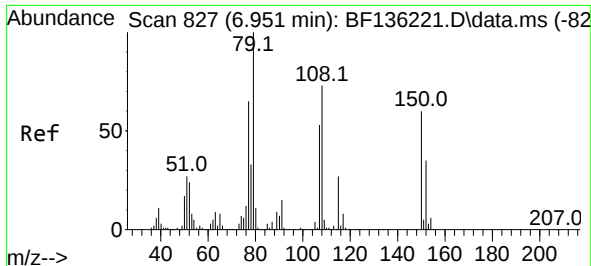
Ion Ratio Lower Upper

146 100

148 58.8 47.3 70.9

111 44.0 32.4 48.6

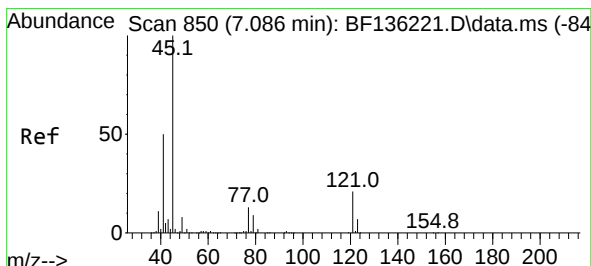
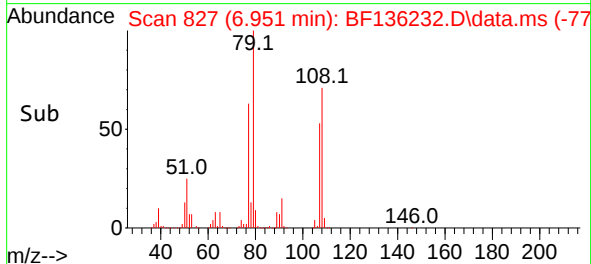
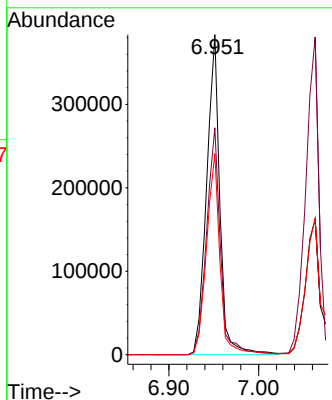
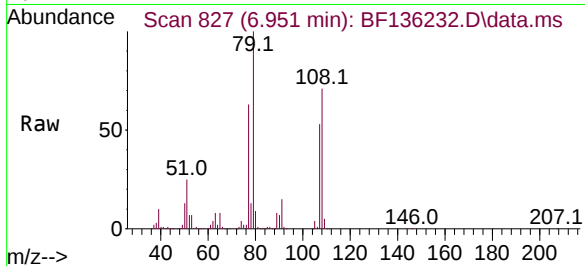




#15
Benzyl Alcohol
Concen: 52.278 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

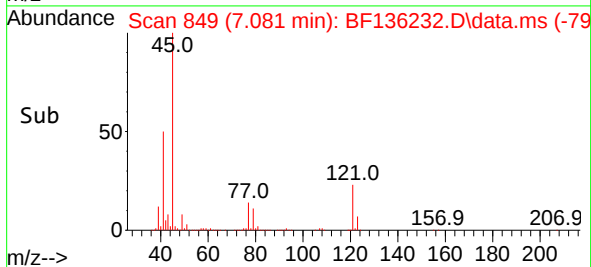
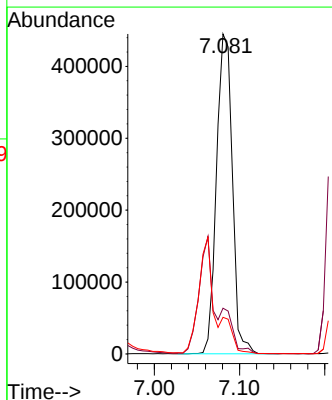
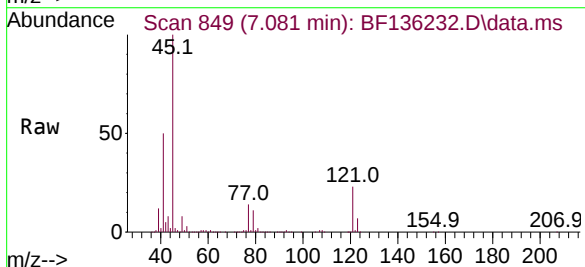
Instrument :
BNA_F
ClientSampleId :
TP-9MS

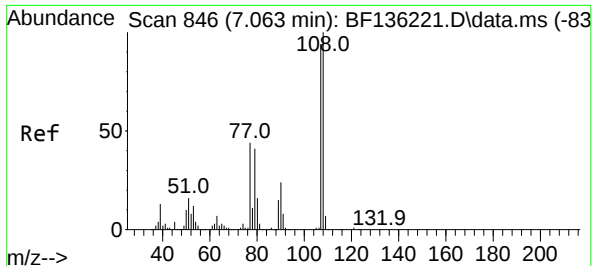
Tgt Ion: 79 Resp: 393333
Ion Ratio Lower Upper
79 100
108 70.9 58.1 87.1
77 62.9 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.916 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Tgt Ion: 45 Resp: 573845
Ion Ratio Lower Upper
45 100
77 14.3 0.0 34.0
79 11.5 0.0 30.1

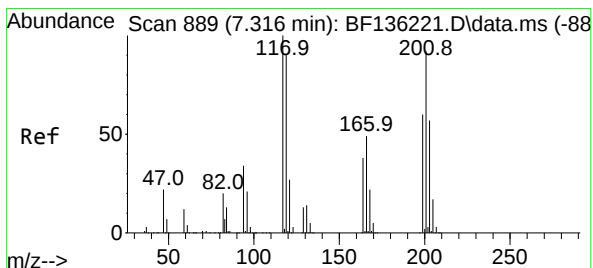
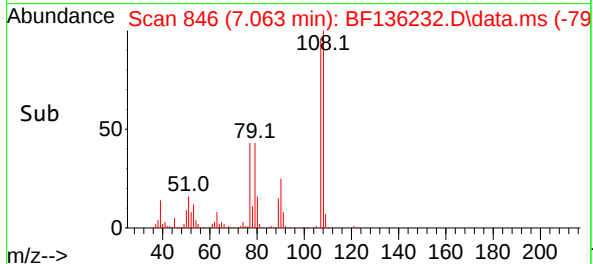
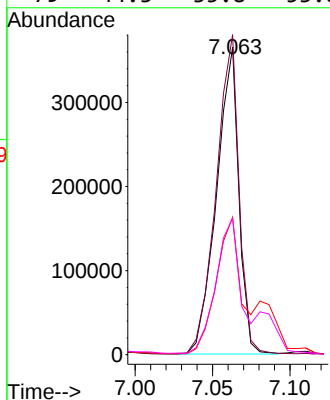
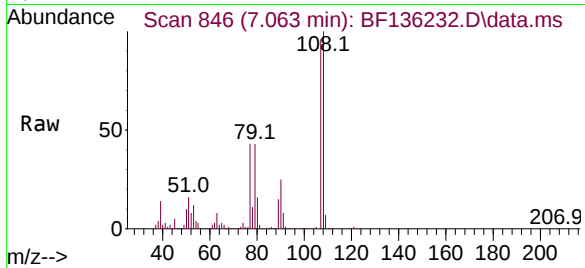




#17
2-Methylphenol
Concen: 49.605 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

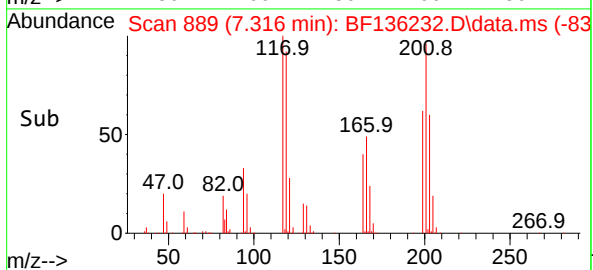
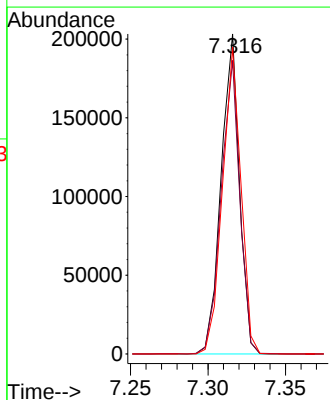
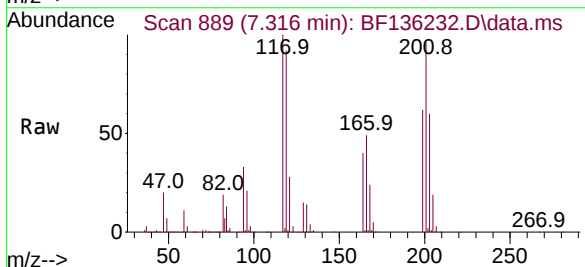
Instrument :
BNA_F
ClientSampleId :
TP-9MS

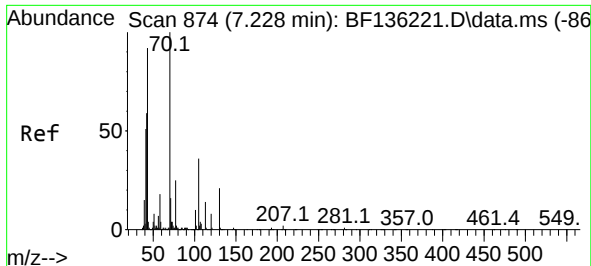
Tgt Ion:107 Resp: 364437
Ion Ratio Lower Upper
107 100
108 104.1 85.4 128.0
77 44.7 37.4 56.2
79 44.3 35.8 53.8



#18
Hexachloroethane
Concen: 44.151 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Tgt Ion:117 Resp: 166957
Ion Ratio Lower Upper
117 100
119 91.7 71.6 107.4
201 95.9 73.4 110.2



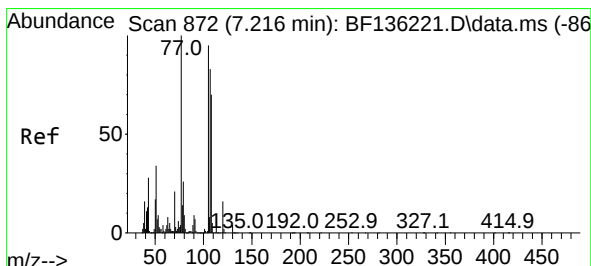
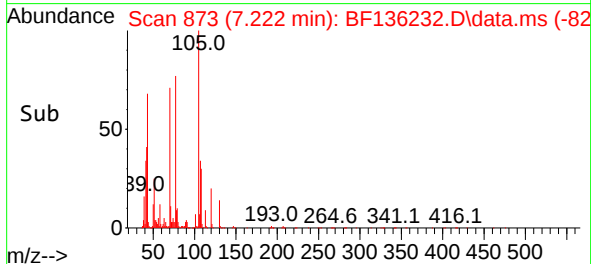
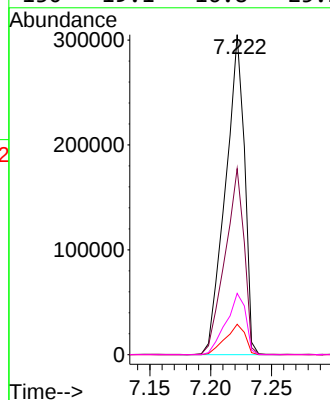
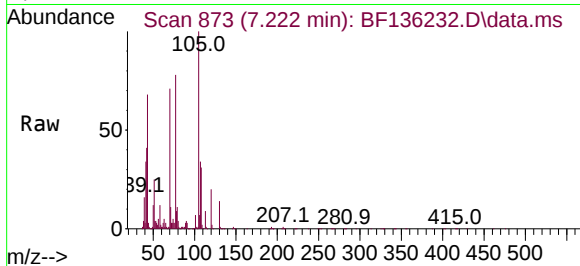


#19
n-Nitroso-di-n-propylamine
Concen: 51.727 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Instrument :
BNA_F
ClientSampleId :
TP-9MS

Tgt Ion: 70 Resp: 331994

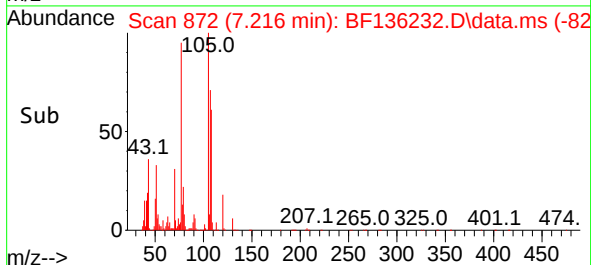
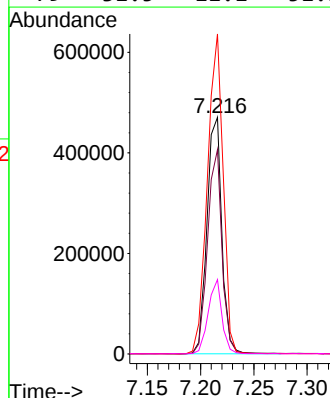
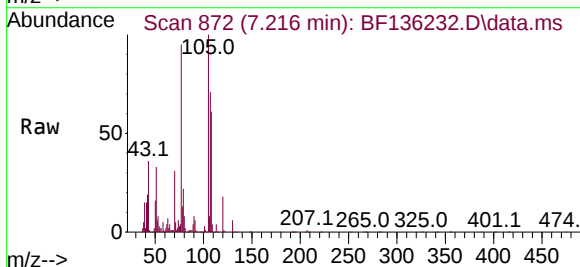
Ion	Ratio	Lower	Upper
70	100		
42	58.1	47.0	70.4
101	9.5	7.8	11.8
130	19.1	16.8	25.2

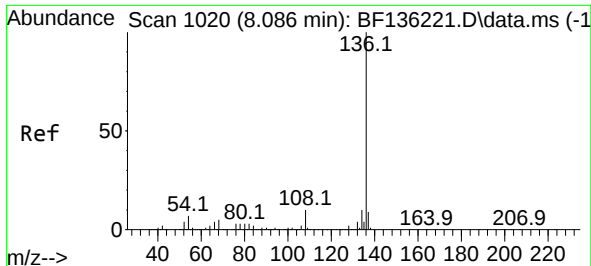


#20
3+4-Methylphenols
Concen: 47.926 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Tgt Ion: 107 Resp: 457603

Ion	Ratio	Lower	Upper
107	100		
108	86.4	63.9	103.9
77	135.3	100.2	140.2
79	31.5	11.1	51.1

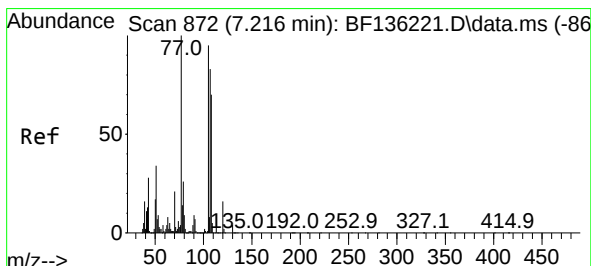
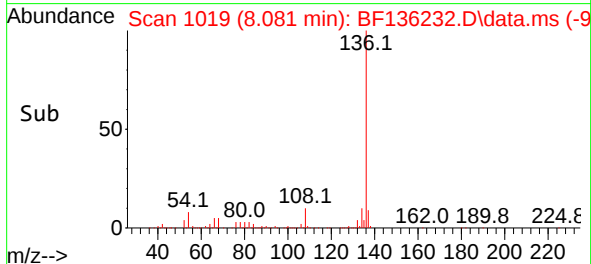
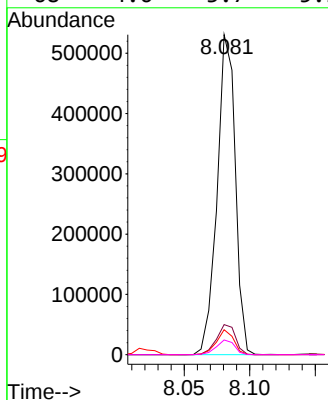
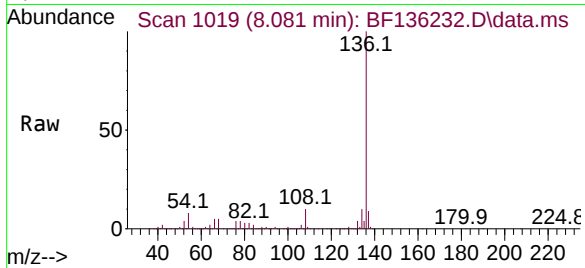




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

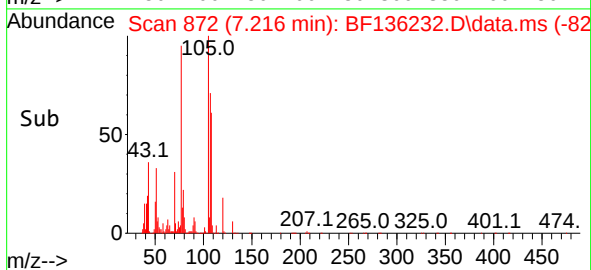
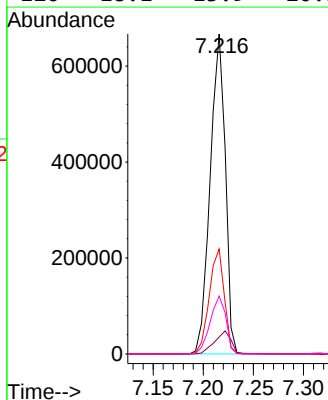
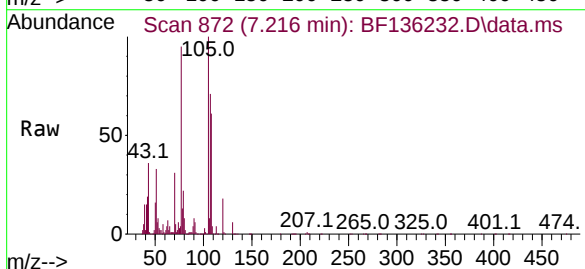
Instrument :
BNA_F
ClientSampleId :
TP-9MS

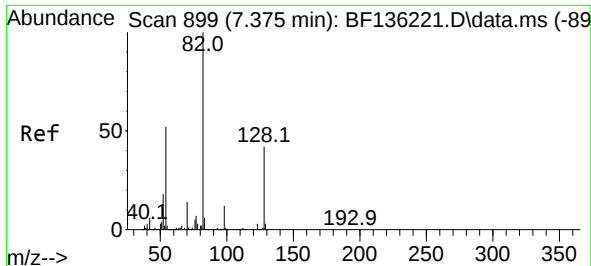
Tgt Ion:136 Resp: 511480
Ion Ratio Lower Upper
136 100
137 9.4 7.4 11.2
54 7.8 5.5 8.3
68 4.6 3.7 5.5



#22
Acetophenone
Concen: 52.196 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Tgt Ion:105 Resp: 701161
Ion Ratio Lower Upper
105 100
71 5.3 2.8 4.2#
51 32.8 29.0 43.6
120 18.1 13.9 20.9





#23

Nitrobenzene-d5

Concen: 98.296 ng

RT: 7.369 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Instrument :

BNA_F

ClientSampleId :

TP-9MS

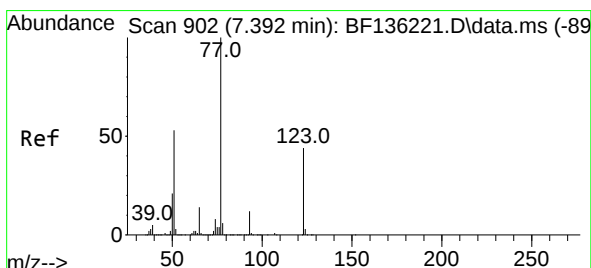
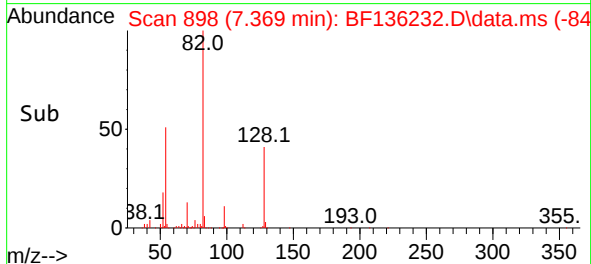
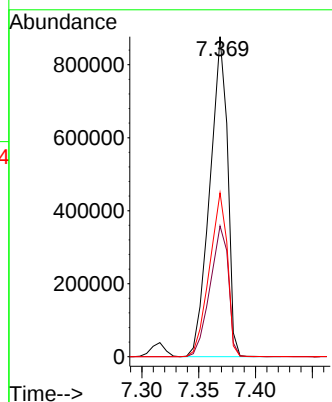
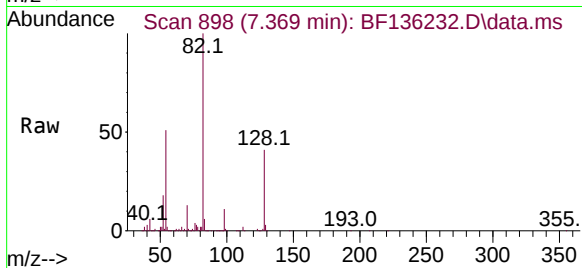
Tgt Ion: 82 Resp: 951429

Ion Ratio Lower Upper

82 100

128 40.8 33.4 50.2

54 51.2 41.7 62.5



#24

Nitrobenzene

Concen: 48.487 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

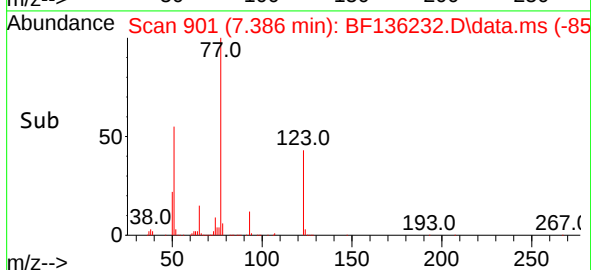
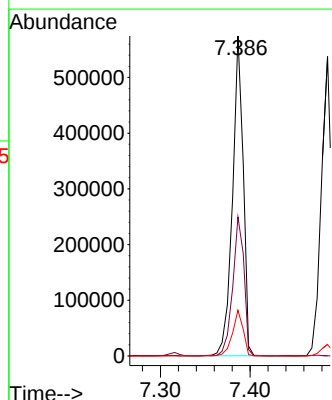
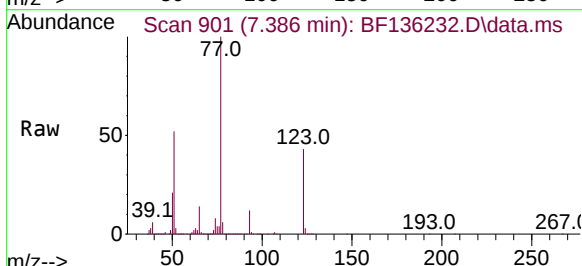
Tgt Ion: 77 Resp: 475599

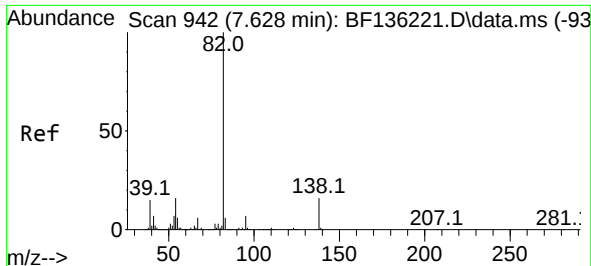
Ion Ratio Lower Upper

77 100

123 43.4 35.4 53.2

65 14.3 11.0 16.6

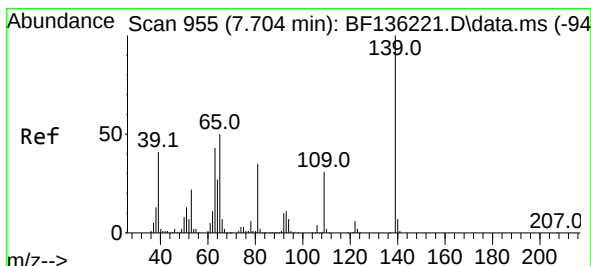
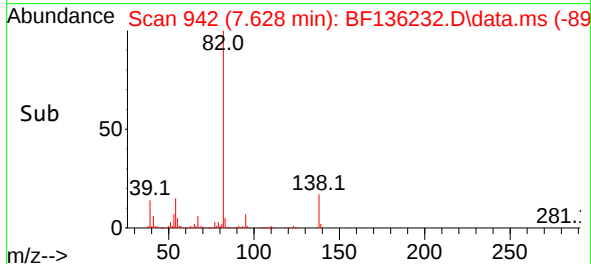
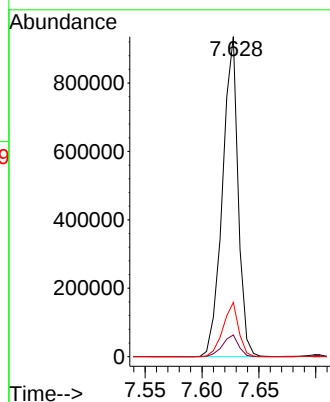
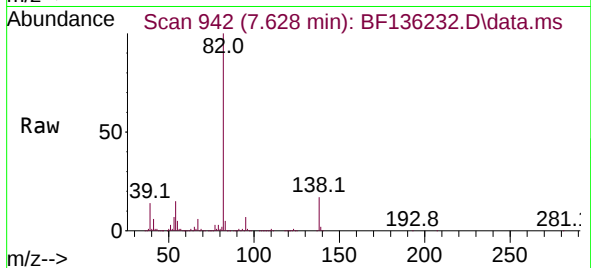




#25
Isophorone
Concen: 51.502 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

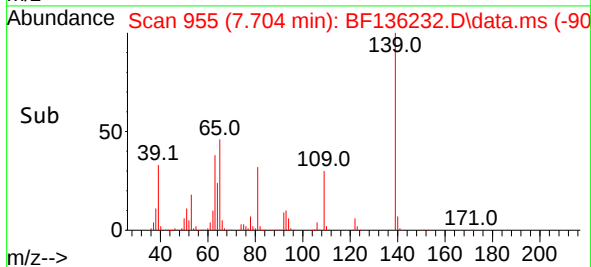
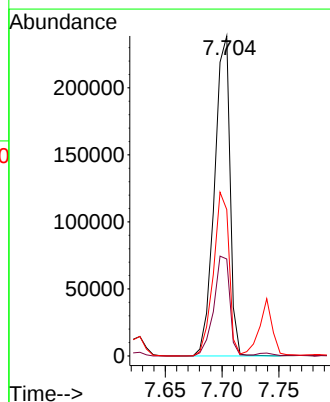
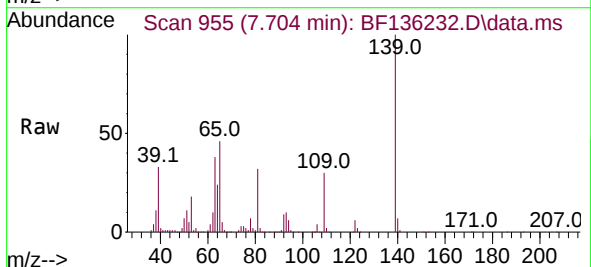
Instrument :
BNA_F
ClientSampleId :
TP-9MS

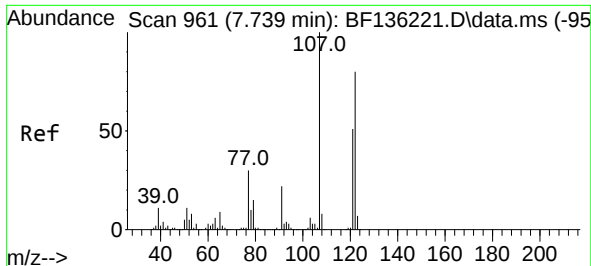
Tgt Ion: 82 Resp: 898861
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 16.9 12.8 19.2



#26
2-Nitrophenol
Concen: 54.219 ng
RT: 7.704 min Scan# 955
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Tgt Ion:139 Resp: 226597
Ion Ratio Lower Upper
139 100
109 30.3 25.0 37.6
65 45.8 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 62.051 ng

RT: 7.739 min Scan# 961

Delta R.T. -0.000 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Instrument :

BNA_F

ClientSampleId :

TP-9MS

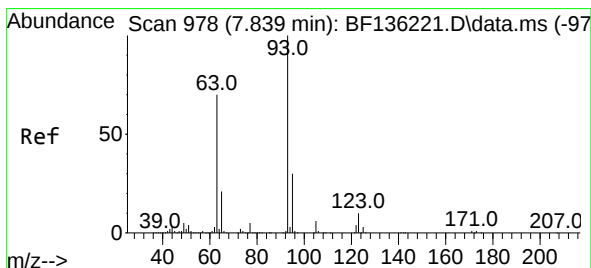
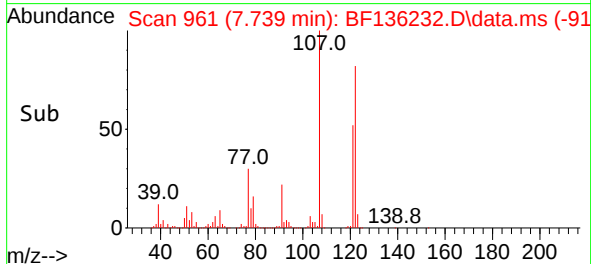
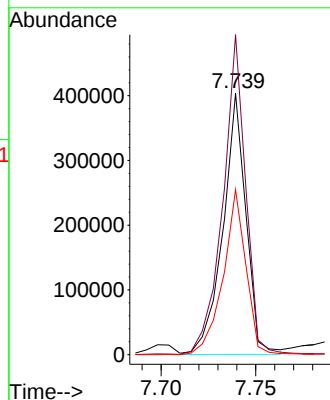
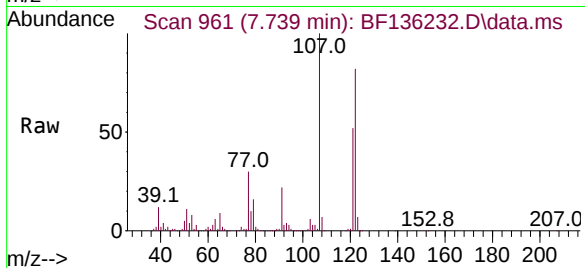
Tgt Ion:122 Resp: 341327

Ion Ratio Lower Upper

122 100

107 122.4 100.0 150.0

121 63.2 50.7 76.1



#28

bis(2-Chloroethoxy)methane

Concen: 51.764 ng

RT: 7.839 min Scan# 978

Delta R.T. -0.000 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

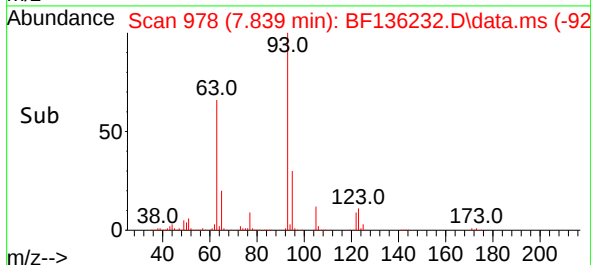
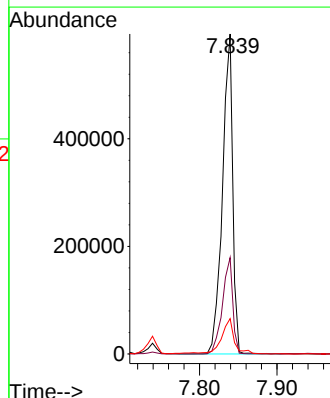
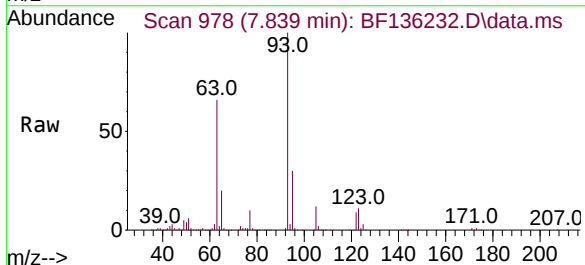
Tgt Ion: 93 Resp: 546465

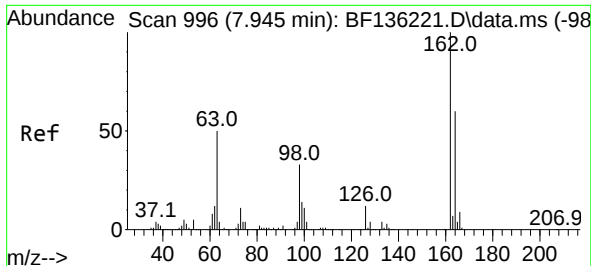
Ion Ratio Lower Upper

93 100

95 30.1 23.8 35.6

123 11.0 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 52.354 ng

RT: 7.939 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Instrument :

BNA_F

ClientSampleId :

TP-9MS

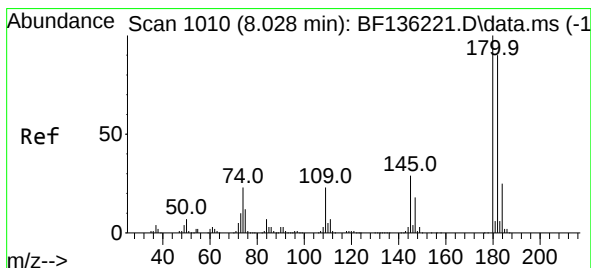
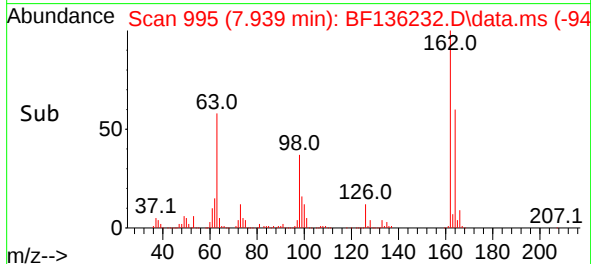
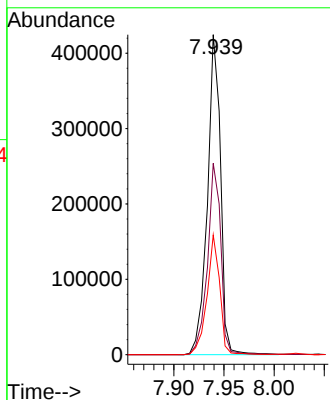
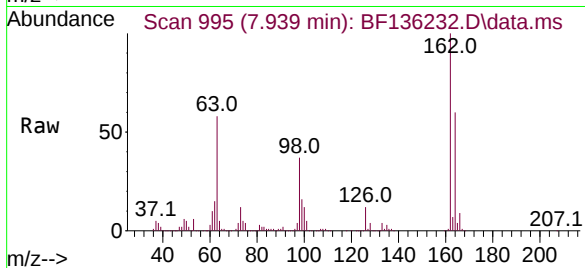
Tgt Ion:162 Resp: 388449

Ion Ratio Lower Upper

162 100

164 59.8 40.3 80.3

98 37.4 13.0 53.0



#30

1,2,4-Trichlorobenzene

Concen: 48.128 ng

RT: 8.022 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

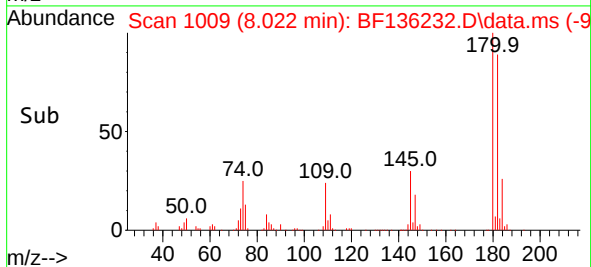
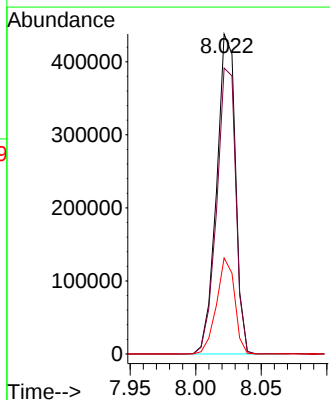
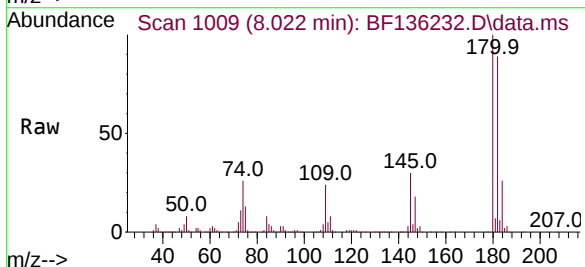
Tgt Ion:180 Resp: 437192

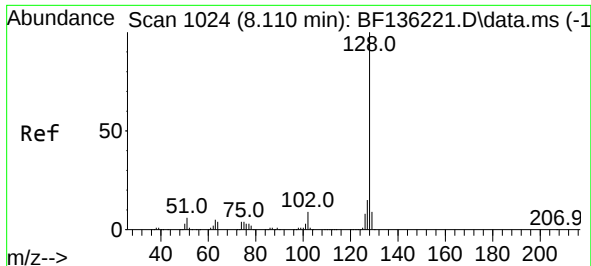
Ion Ratio Lower Upper

180 100

182 89.3 71.6 107.4

145 30.0 23.0 34.4

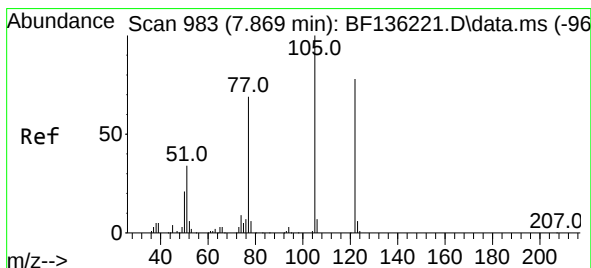
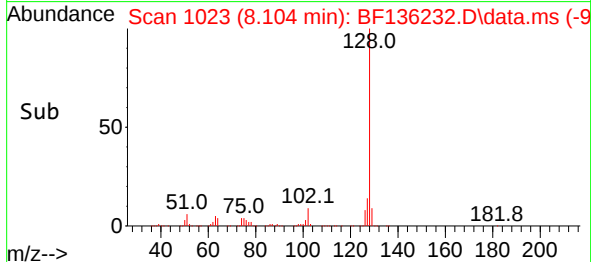
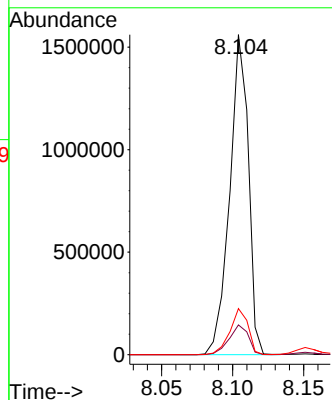
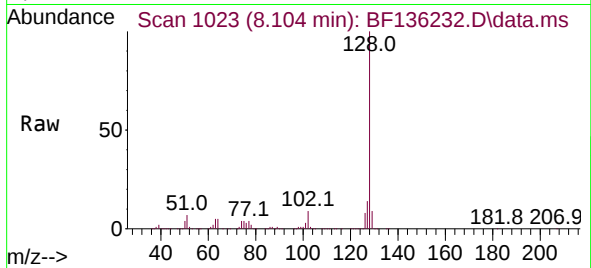




#31
Naphthalene
Concen: 49.710 ng
RT: 8.104 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

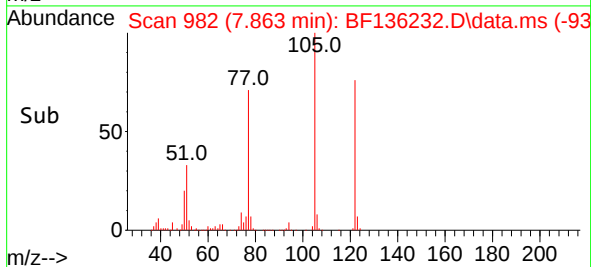
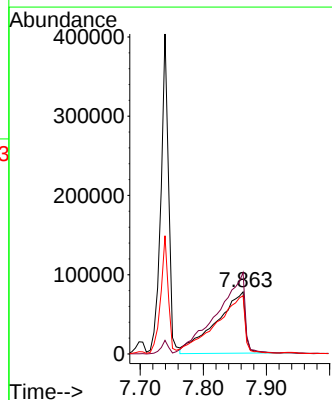
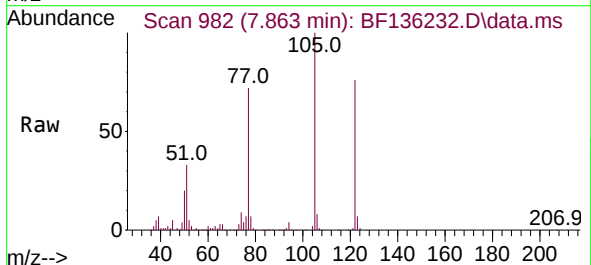
Instrument :
BNA_F
ClientSampleId :
TP-9MS

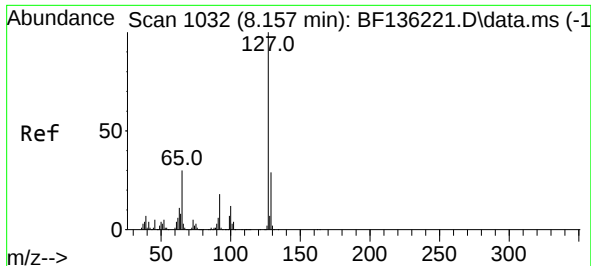
Tgt Ion:128 Resp: 1429113
Ion Ratio Lower Upper
128 100
129 9.3 7.3 10.9
127 14.4 11.8 17.6



#32
Benzoic acid
Concen: 49.519 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Tgt Ion:122 Resp: 248252
Ion Ratio Lower Upper
122 100
105 131.2 103.7 143.7
77 93.9 66.8 106.8

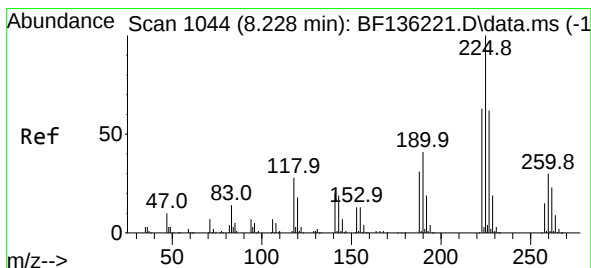
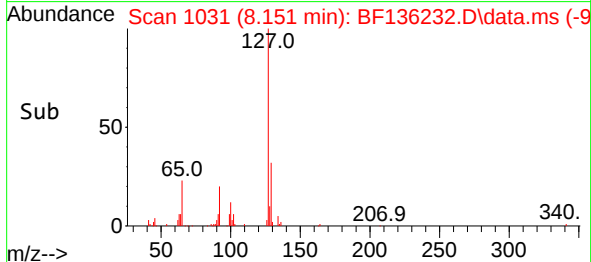
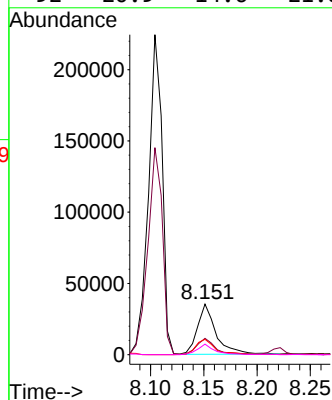
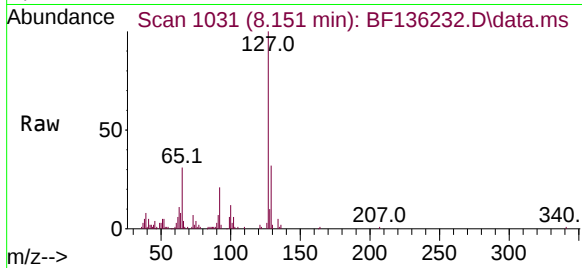




#33
4-Chloroaniline
Concen: 4.366 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

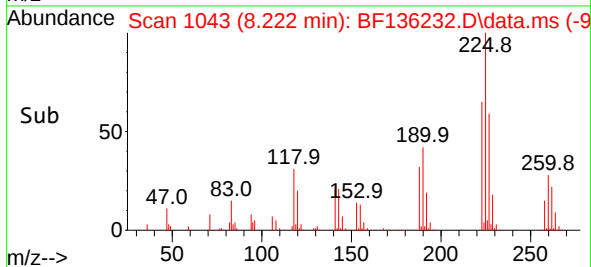
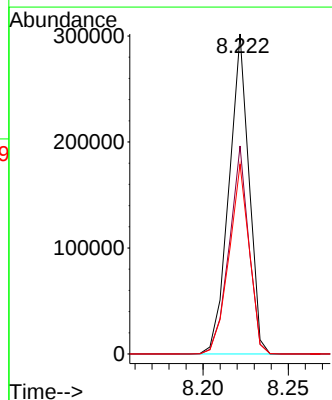
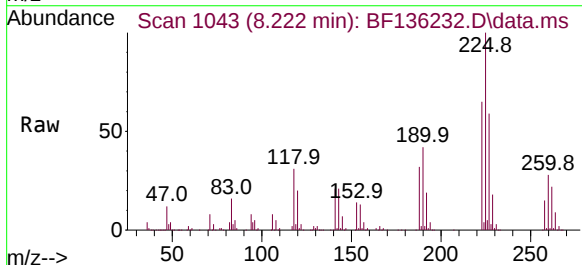
Instrument :
BNA_F
ClientSampleId :
TP-9MS

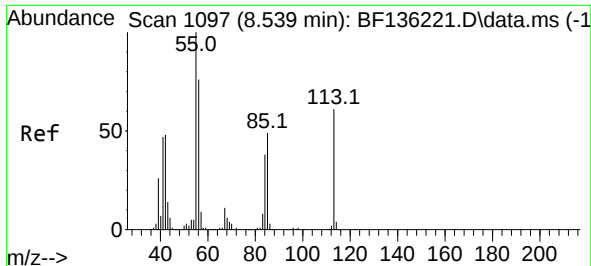
Tgt Ion:127	Resp:	42667	
Ion	Ratio	Lower	Upper
127	100		
129	32.3	23.4	35.2
65	30.5	23.8	35.6
92	20.9	14.6	21.8



#34
Hexachlorobutadiene
Concen: 46.325 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Tgt	Ion:225	Resp:	246191
Ion	Ratio	Lower	Upper
225	100		
223	65.0	50.6	75.8
227	59.3	49.6	74.4

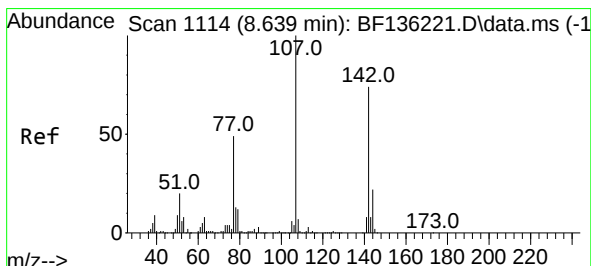
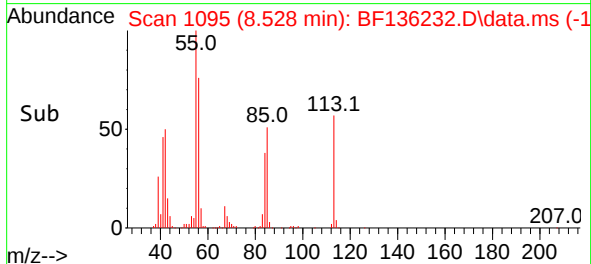
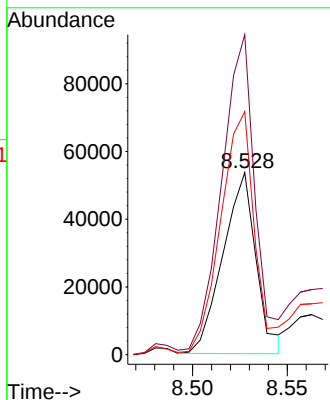
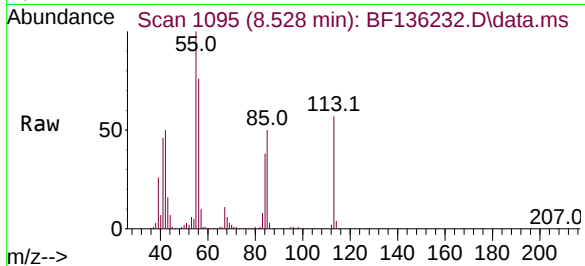




#35
 Caprolactam
 Concen: 31.325 ng
 RT: 8.528 min Scan# 1095
 Delta R.T. -0.012 min
 Lab File: BF136232.D
 Acq: 27 Nov 2023 20:29

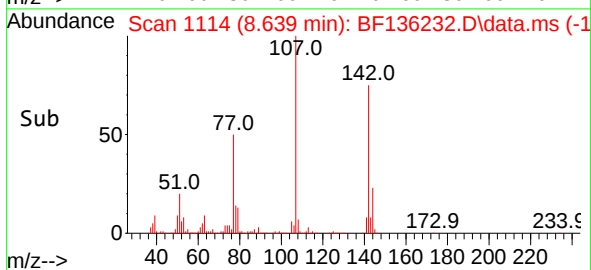
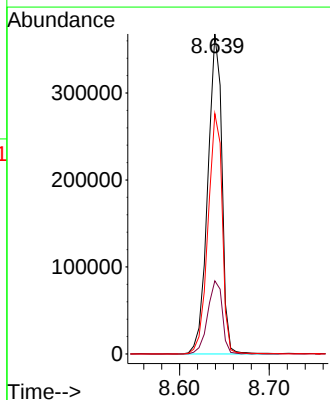
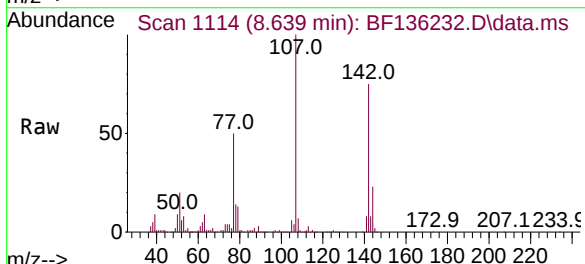
Instrument :
 BNA_F
 ClientSampleId :
 TP-9MS

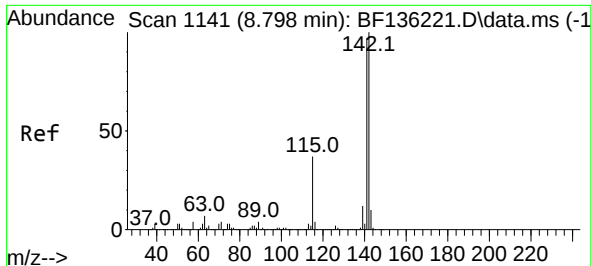
Tgt Ion:113 Resp: 64972
 Ion Ratio Lower Upper
 113 100
 55 175.7 143.1 183.1
 56 133.4 103.6 143.6



#36
 4-Chloro-3-methylphenol
 Concen: 49.992 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. -0.000 min
 Lab File: BF136232.D
 Acq: 27 Nov 2023 20:29

Tgt Ion:107 Resp: 402287
 Ion Ratio Lower Upper
 107 100
 144 22.8 17.8 26.8
 142 75.1 59.4 89.0





#37

2-Methylnaphthalene

Concen: 49.387 ng

RT: 8.798 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Instrument :

BNA_F

ClientSampleId :

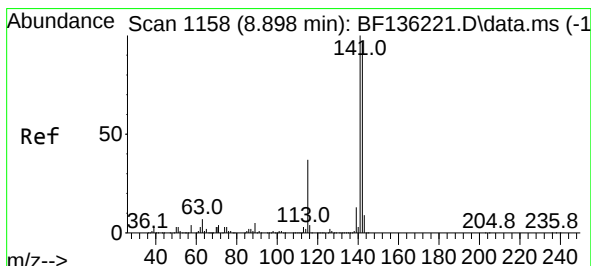
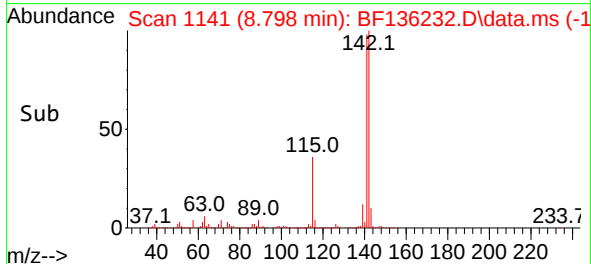
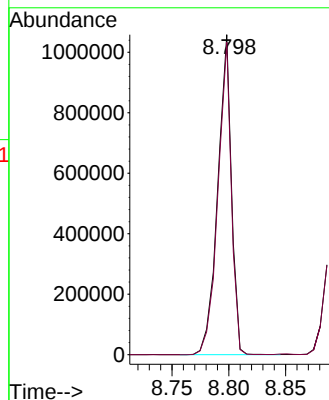
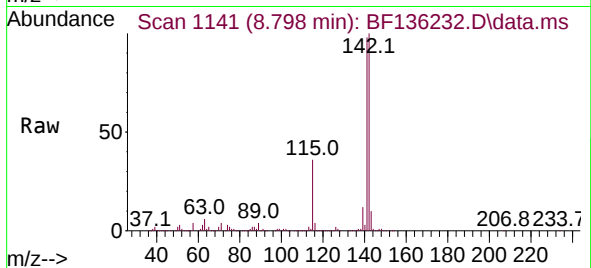
TP-9MS

Tgt Ion:142 Resp: 890652

Ion Ratio Lower Upper

142 100

141 97.7 77.8 116.8



#38

1-Methylnaphthalene

Concen: 48.935 ng

RT: 8.898 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BF136232.D

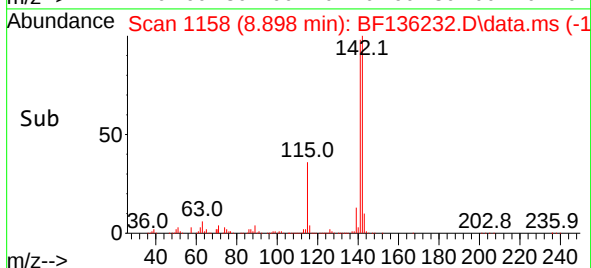
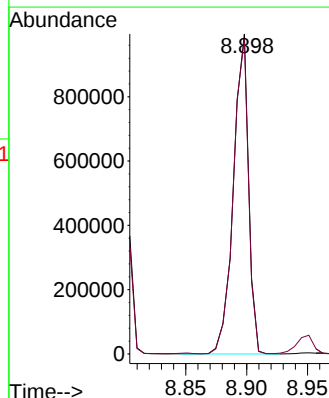
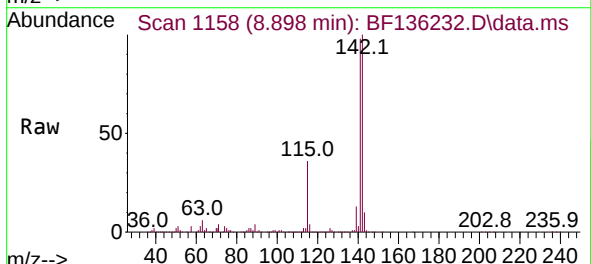
Acq: 27 Nov 2023 20:29

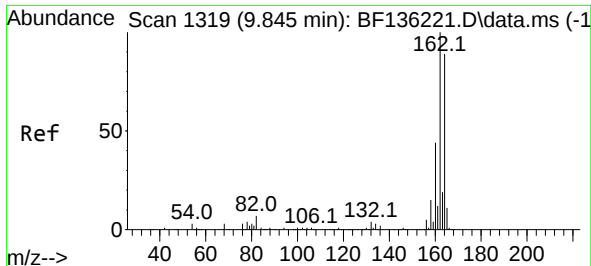
Tgt Ion:142 Resp: 860885

Ion Ratio Lower Upper

142 100

141 98.2 83.8 125.6

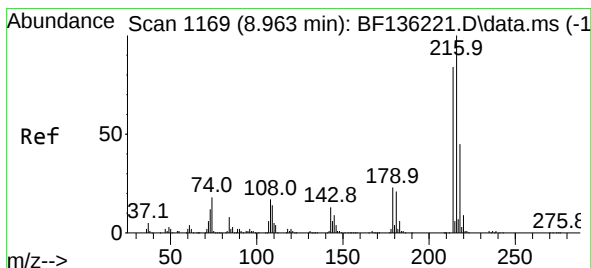
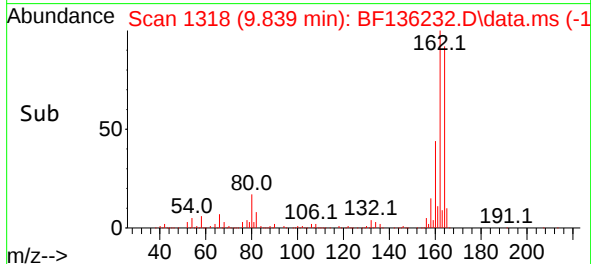
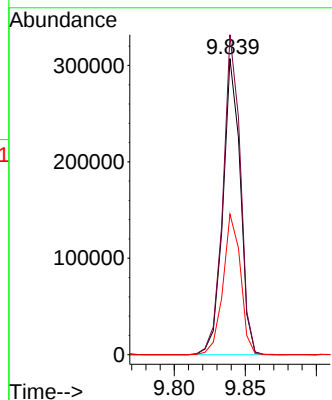
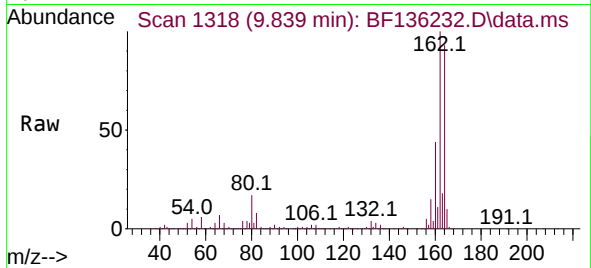




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

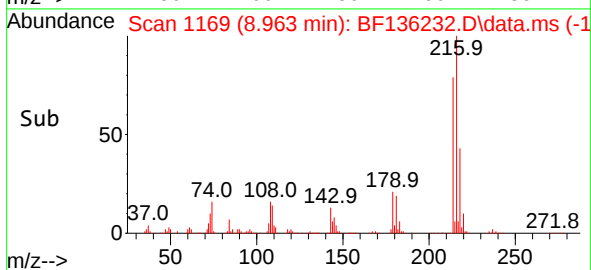
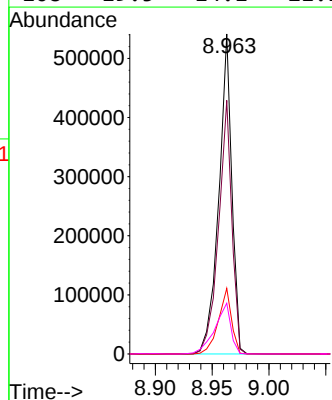
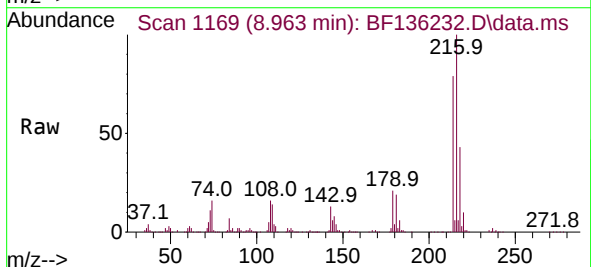
Instrument :
BNA_F
ClientSampleId :
TP-9MS

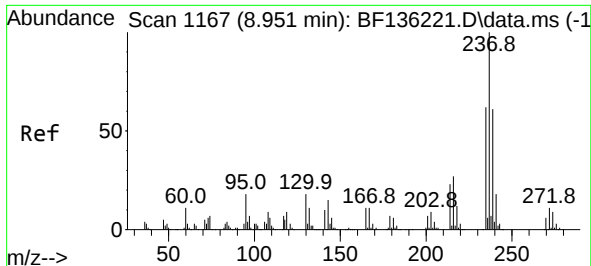
Tgt Ion:164 Resp: 259656
Ion Ratio Lower Upper
164 100
162 108.0 89.5 134.3
160 47.5 39.6 59.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.416 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Tgt Ion:216 Resp: 433142
Ion Ratio Lower Upper
216 100
214 80.7 65.8 98.8
179 20.7 17.4 26.0
108 19.5 14.1 21.1

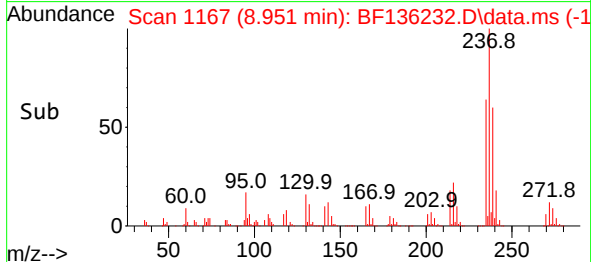
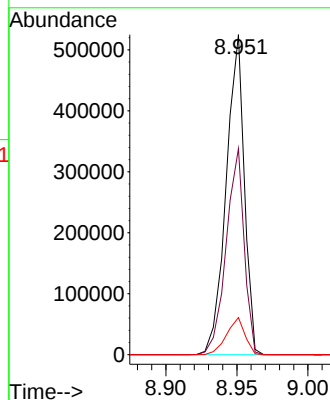
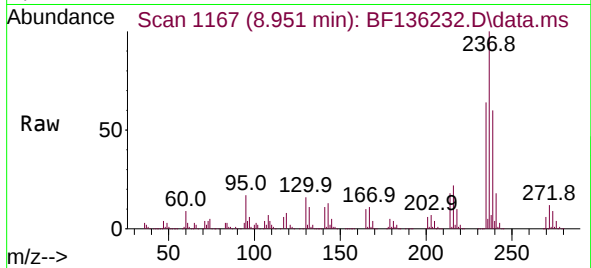




#41
Hexachlorocyclopentadiene
Concen: 146.906 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

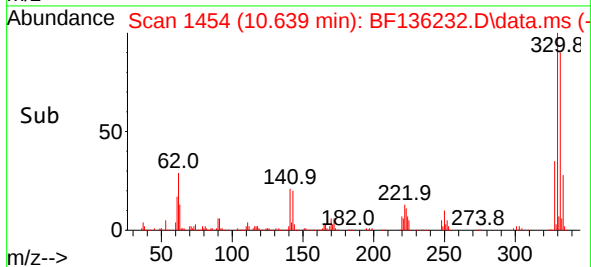
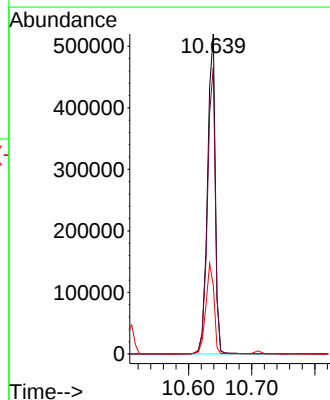
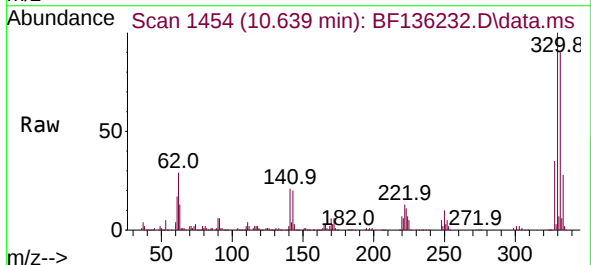
Instrument :
BNA_F
ClientSampleId :
TP-9MS

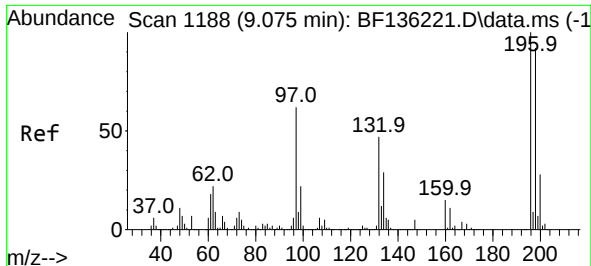
Tgt Ion:237 Resp: 467116
Ion Ratio Lower Upper
237 100
235 64.4 42.1 82.1
272 11.6 0.0 31.0



#42
2,4,6-Tribromophenol
Concen: 140.694 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Tgt Ion:330 Resp: 446636
Ion Ratio Lower Upper
330 100
332 91.0 73.0 109.6
141 29.7 24.2 36.2





#43

2,4,6-Trichlorophenol

Concen: 52.255 ng

RT: 9.075 min Scan# 1188

Delta R.T. -0.000 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Instrument :

BNA_F

ClientSampleId :

TP-9MS

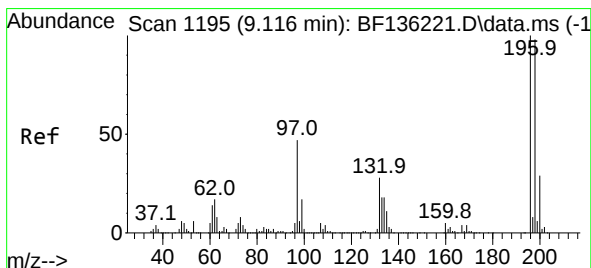
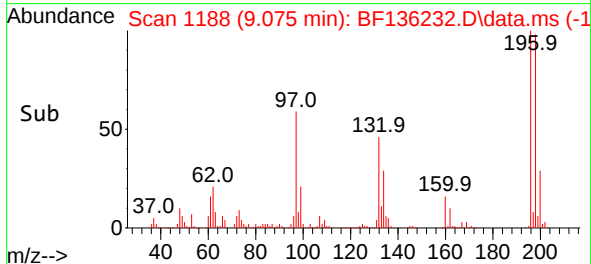
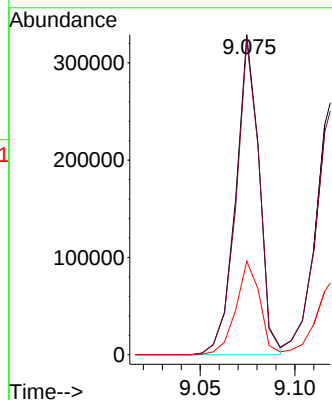
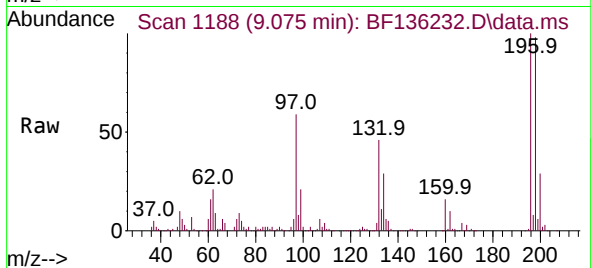
Tgt Ion:196 Resp: 280278

Ion Ratio Lower Upper

196 100

198 98.2 73.2 109.8

200 29.3 22.4 33.6



#44

2,4,5-Trichlorophenol

Concen: 48.810 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Tgt Ion:196 Resp: 285700

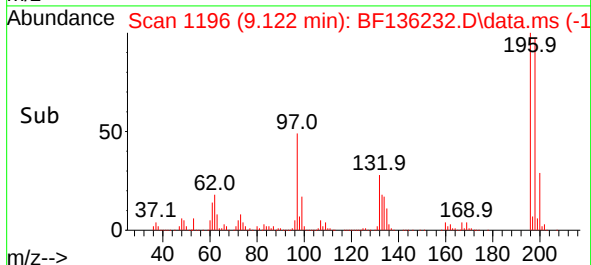
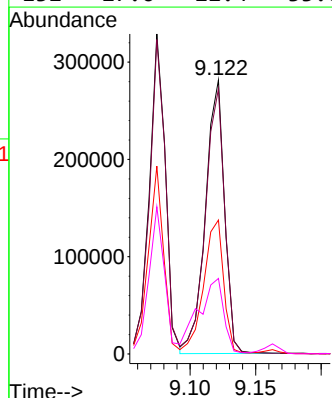
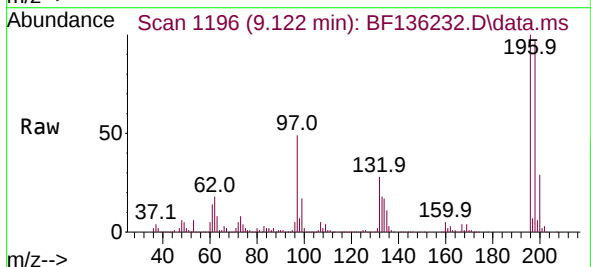
Ion Ratio Lower Upper

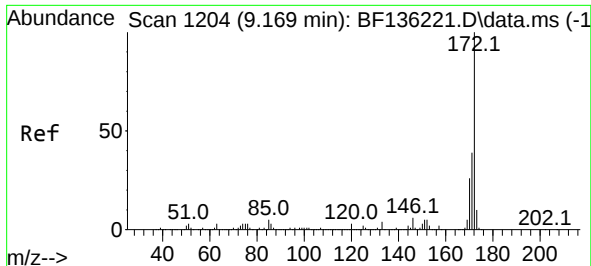
196 100

198 96.8 78.8 118.2

97 48.9 37.8 56.8

132 27.6 22.4 33.6

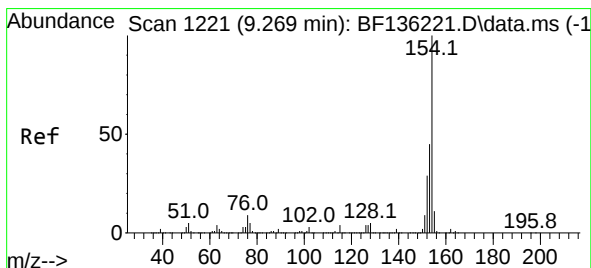
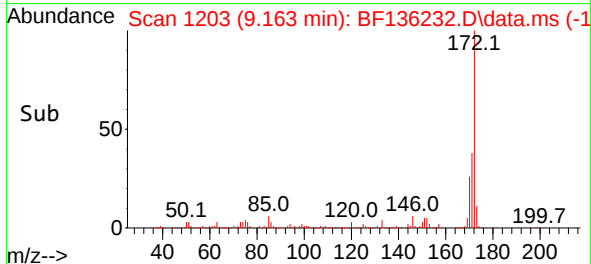
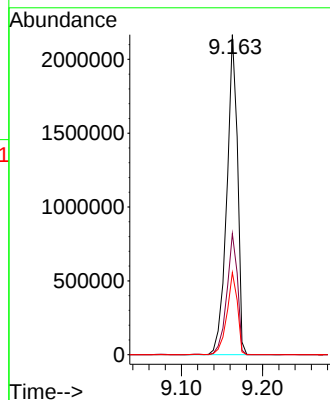
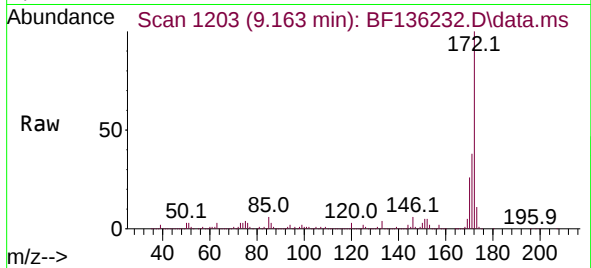




#45
2-Fluorobiphenyl
Concen: 97.760 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

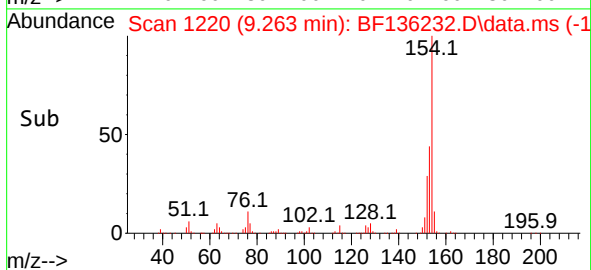
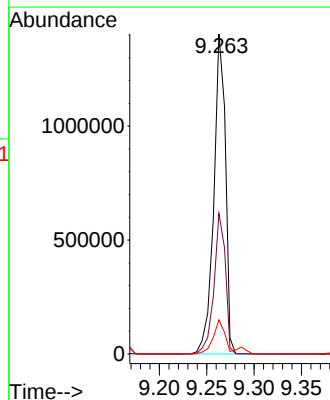
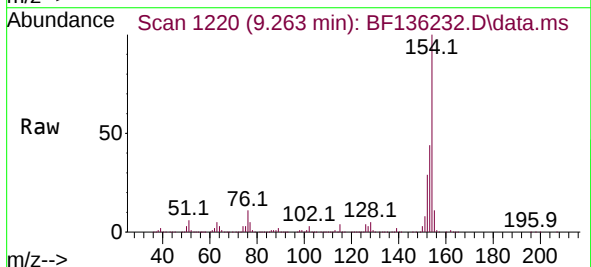
Instrument :
BNA_F
ClientSampleId :
TP-9MS

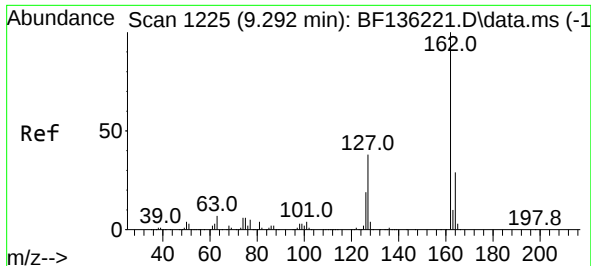
Tgt Ion:172 Resp: 1987310
Ion Ratio Lower Upper
172 100
171 37.8 31.5 47.3
170 25.6 20.8 31.2



#46
1,1'-Biphenyl
Concen: 52.468 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Tgt Ion:154 Resp: 1201393
Ion Ratio Lower Upper
154 100
153 43.9 24.6 64.6
76 10.7 0.0 29.4





#47

2-Chloronaphthalene

Concen: 50.600 ng

RT: 9.286 min Scan# 1224

Delta R.T. -0.006 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Instrument :

BNA_F

ClientSampleId :

TP-9MS

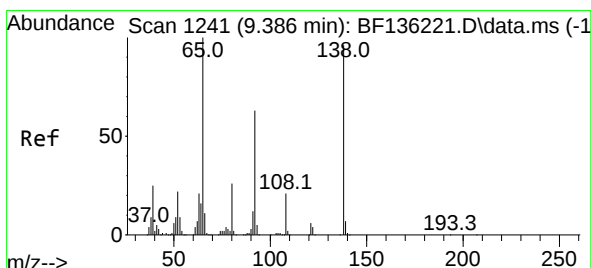
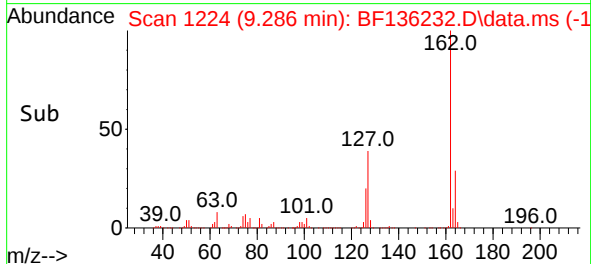
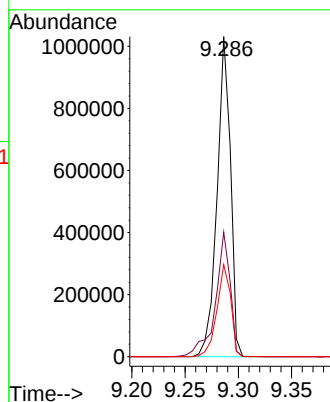
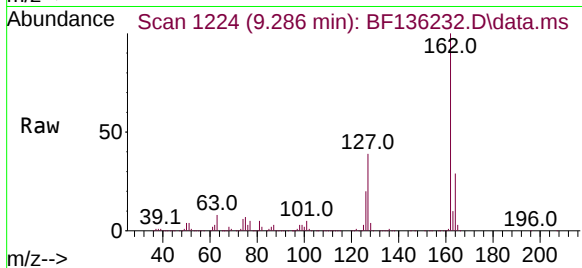
Tgt Ion:162 Resp: 899762

Ion Ratio Lower Upper

162 100

127 38.9 30.2 45.2

164 28.8 22.8 34.2



#48

2-Nitroaniline

Concen: 49.402 ng

RT: 9.386 min Scan# 1241

Delta R.T. -0.000 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

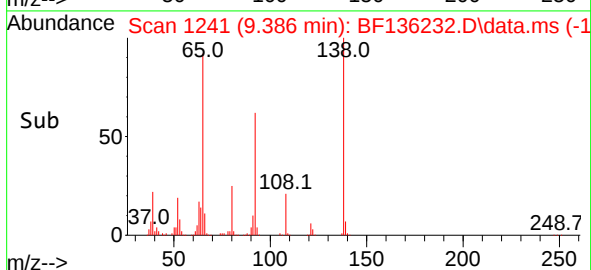
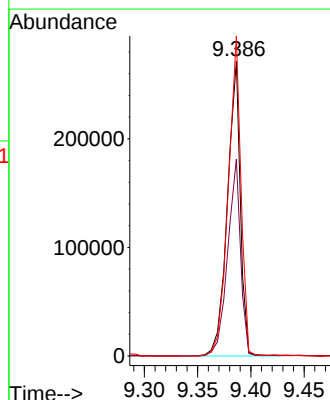
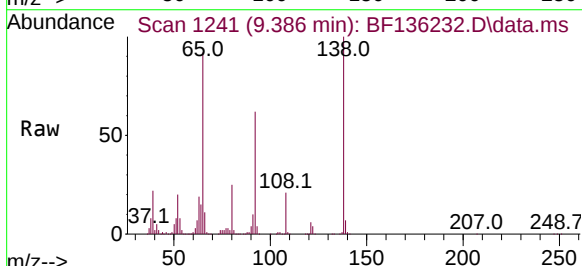
Tgt Ion: 65 Resp: 229356

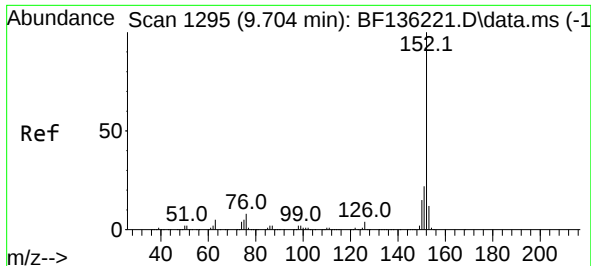
Ion Ratio Lower Upper

65 100

92 66.9 50.6 75.8

138 108.6 76.7 115.1





#49

Acenaphthylene

Concen: 56.102 ng

RT: 9.704 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Instrument :

BNA_F

ClientSampleId :

TP-9MS

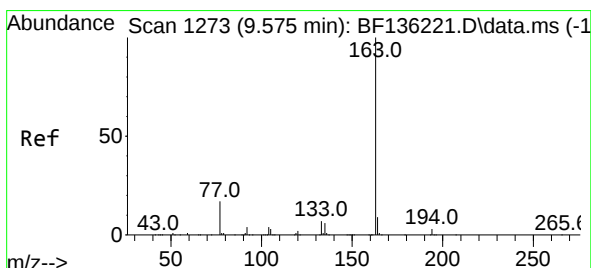
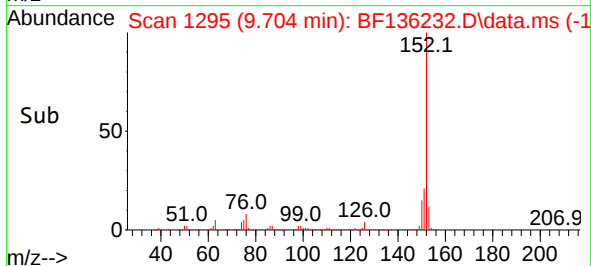
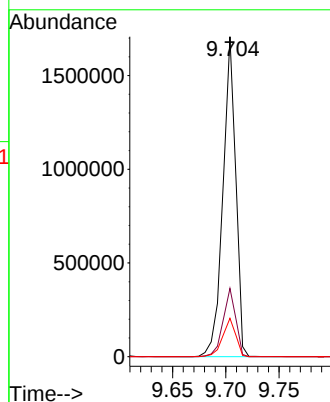
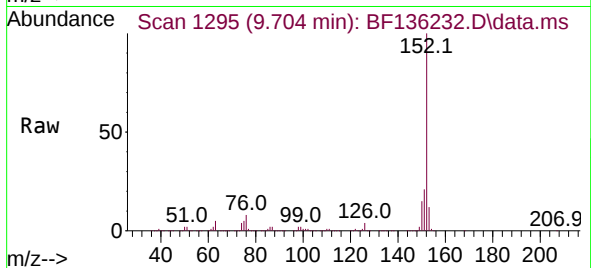
Tgt Ion:152 Resp: 1423652

Ion Ratio Lower Upper

152 100

151 21.4 17.5 26.3

153 12.0 9.6 14.4



#50

Dimethylphthalate

Concen: 54.622 ng

RT: 9.575 min Scan# 1273

Delta R.T. -0.000 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

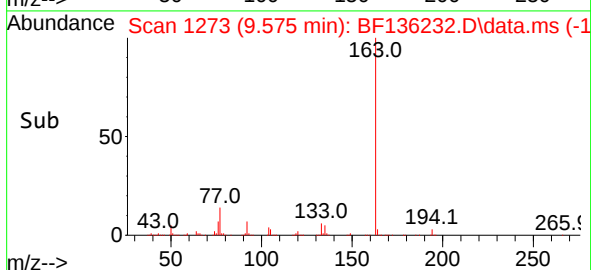
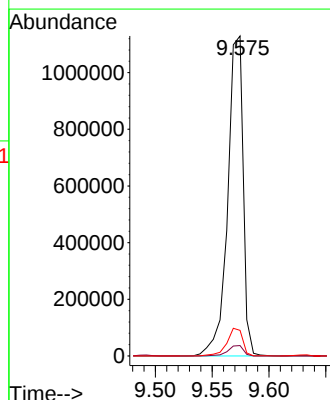
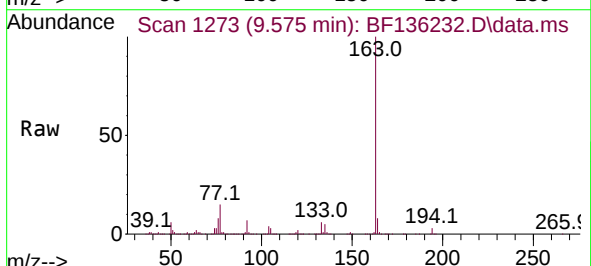
Tgt Ion:163 Resp: 1071978

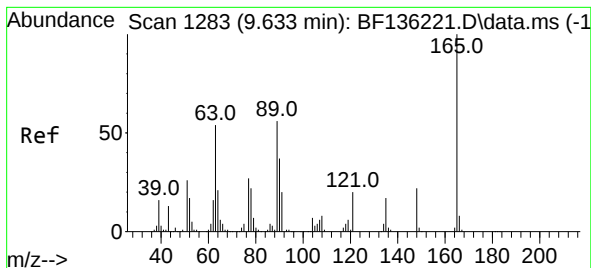
Ion Ratio Lower Upper

163 100

194 3.3 2.5 3.7

164 8.0 7.0 10.6





#51

2,6-Dinitrotoluene

Concen: 52.058 ng

RT: 9.633 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Instrument :

BNA_F

ClientSampleId :

TP-9MS

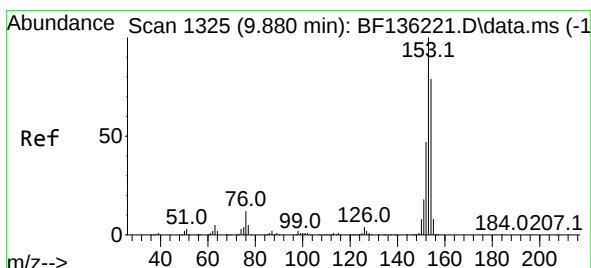
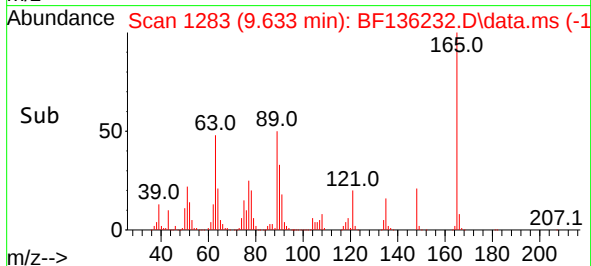
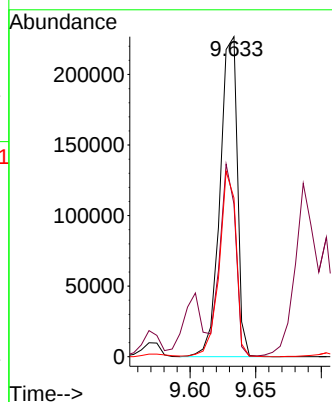
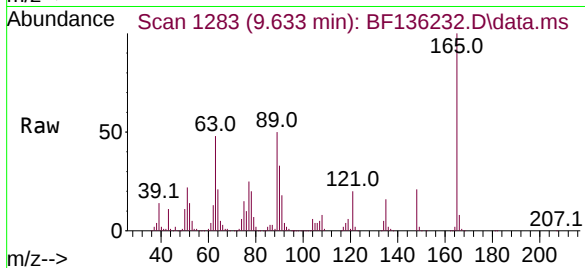
Tgt Ion:165 Resp: 208718

Ion Ratio Lower Upper

165 100

63 47.7 46.2 69.2

89 49.6 44.9 67.3



#52

Acenaphthene

Concen: 51.048 ng

RT: 9.874 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

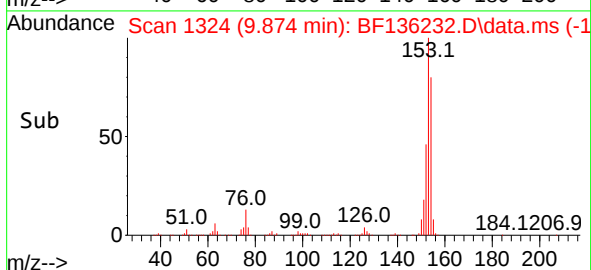
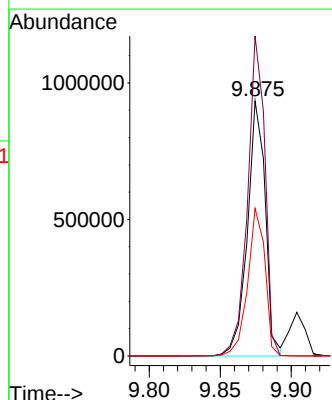
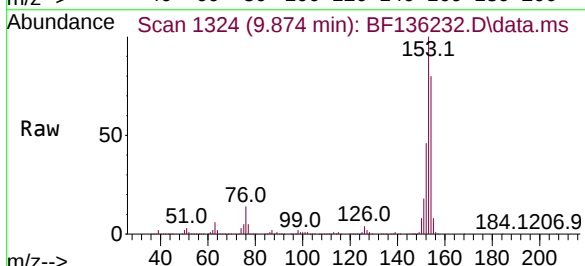
Tgt Ion:154 Resp: 818633

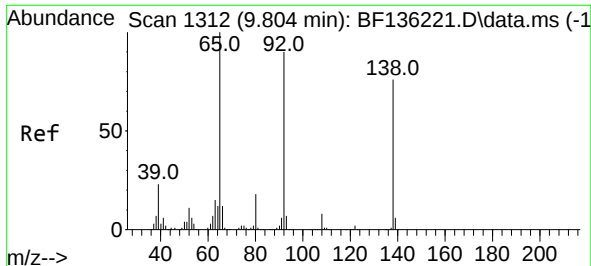
Ion Ratio Lower Upper

154 100

153 125.5 100.8 151.2

152 57.8 47.0 70.6

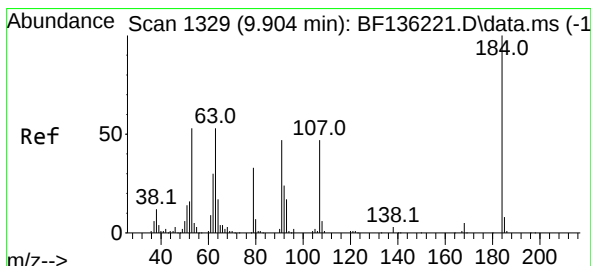
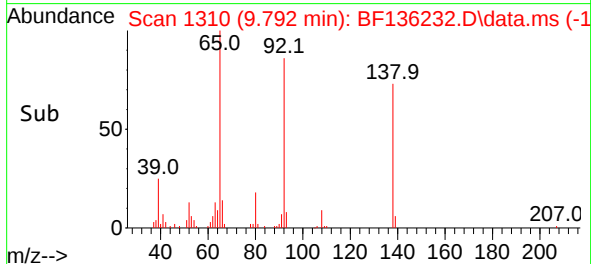
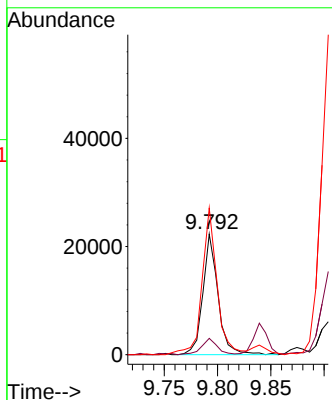
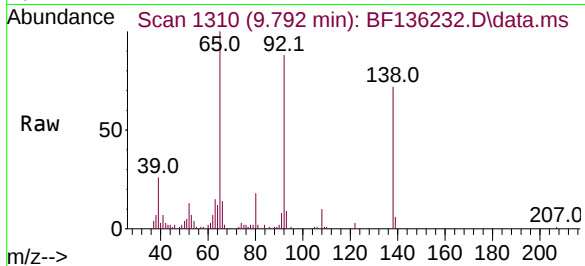




#53
3-Nitroaniline
Concen: 5.582 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

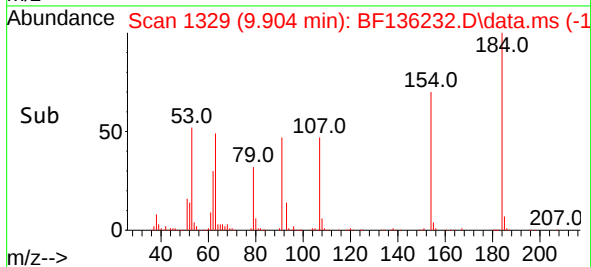
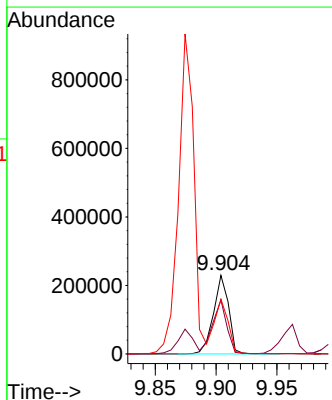
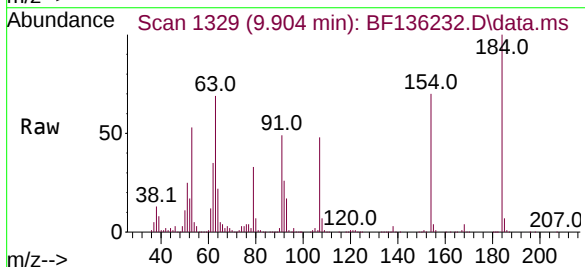
Instrument :
BNA_F
ClientSampleId :
TP-9MS

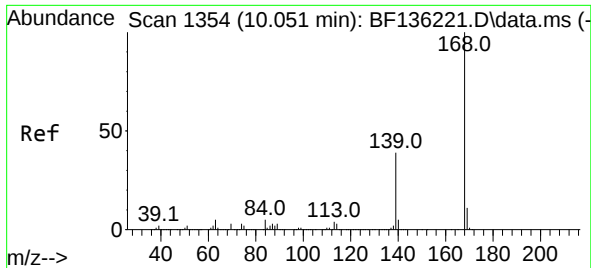
Tgt Ion:138 Resp: 22205
Ion Ratio Lower Upper
138 100
108 13.5 8.7 13.1#
92 121.6 94.2 141.4



#54
2,4-Dinitrophenol
Concen: 107.114 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Tgt Ion:184 Resp: 199732
Ion Ratio Lower Upper
184 100
63 68.5 55.0 82.4
154 69.7 54.9 82.3

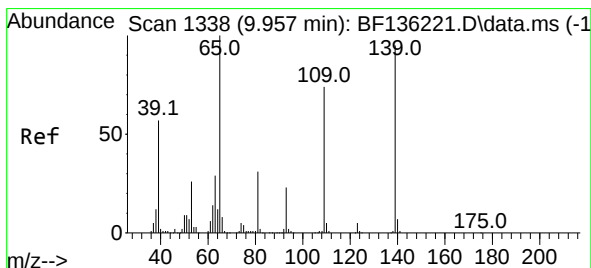
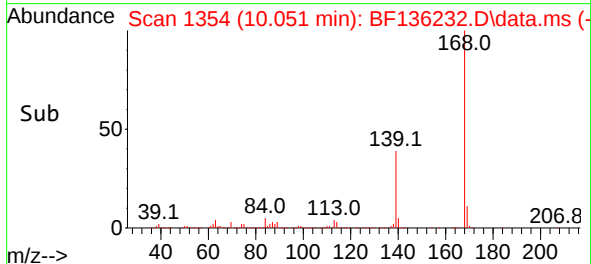
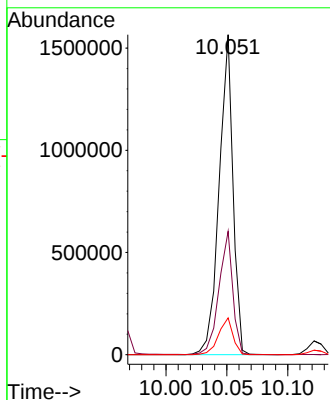
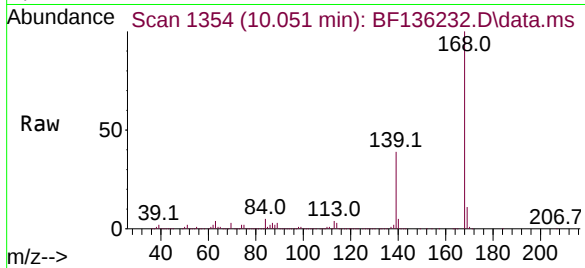




#55
Dibenzenofuran
Concen: 52.047 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

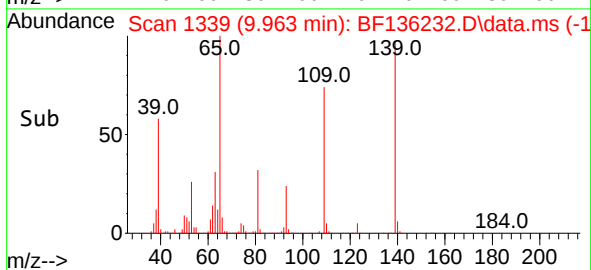
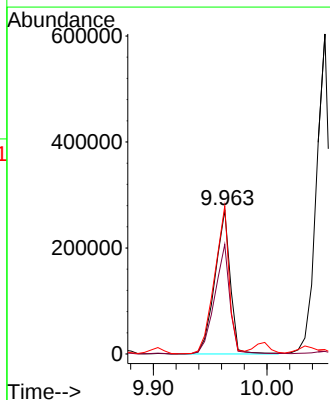
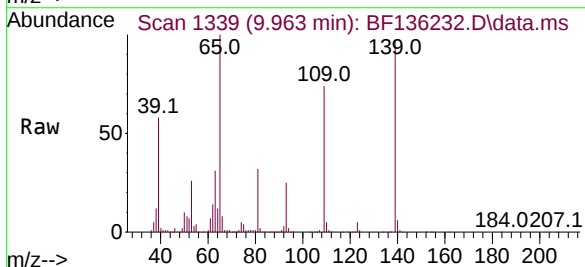
Instrument :
BNA_F
ClientSampleId :
TP-9MS

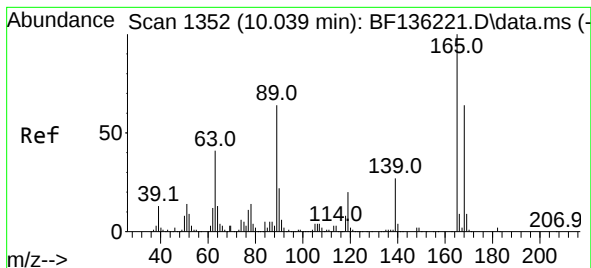
Tgt Ion:168 Resp: 1241982
Ion Ratio Lower Upper
168 100
139 38.6 30.9 46.3
169 11.5 9.1 13.7



#56
4-Nitrophenol
Concen: 84.532 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Tgt Ion:139 Resp: 255406
Ion Ratio Lower Upper
139 100
109 76.1 57.8 97.8
65 102.9 86.0 126.0

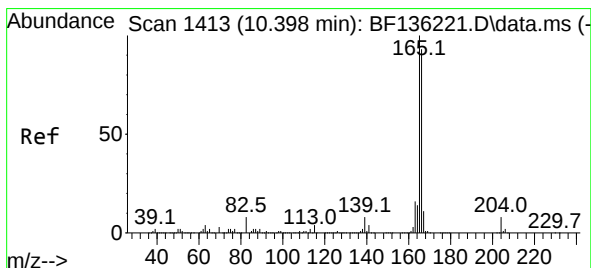
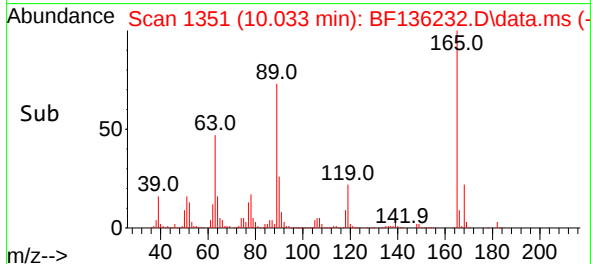
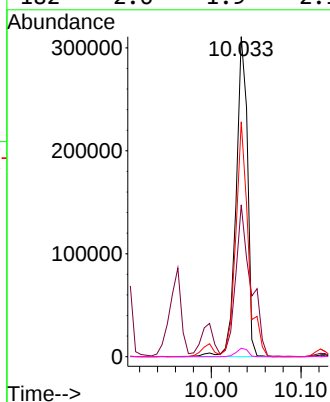
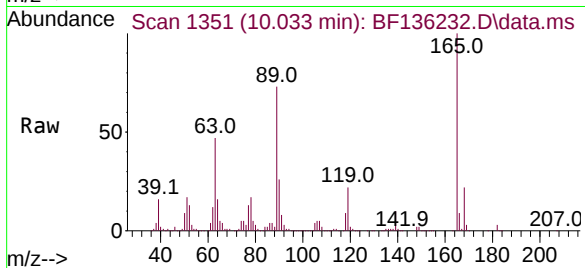




#57
2,4-Dinitrotoluene
Concen: 51.271 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

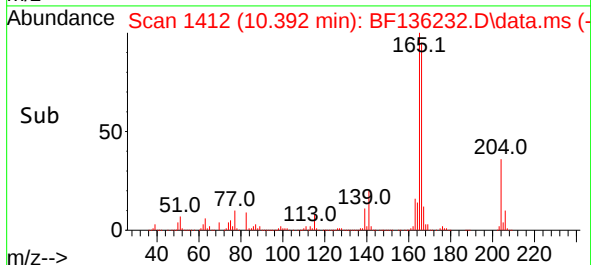
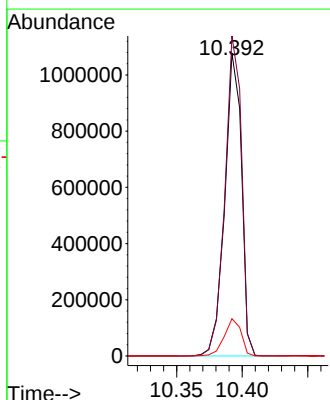
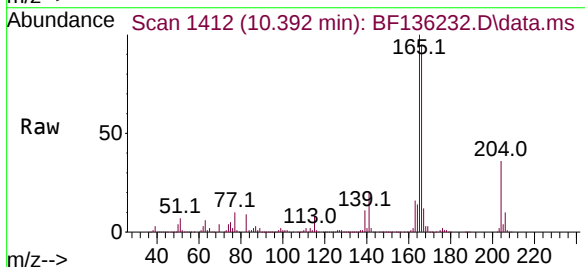
Instrument :
BNA_F
ClientSampleId :
TP-9MS

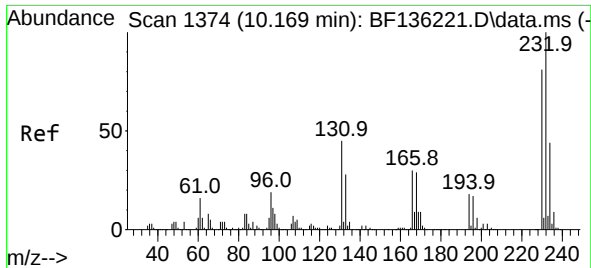
Tgt Ion:165	Resp:	274580	
Ion	Ratio	Lower	Upper
165	100		
63	47.5	33.0	49.4
89	73.4	51.5	77.3
182	2.6	1.9	2.9



#58
Fluorene
Concen: 50.944 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Tgt Ion:166	Resp:	953553	
Ion	Ratio	Lower	Upper
166	100		
165	105.7	86.2	129.4
167	12.3	9.1	13.7

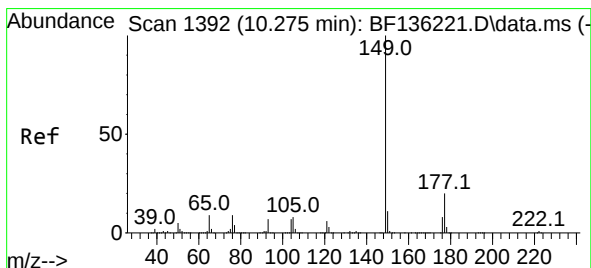
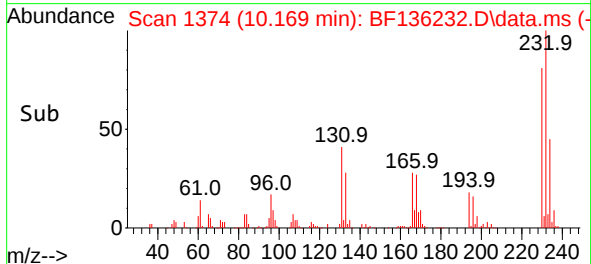
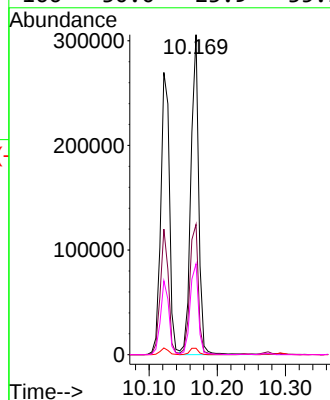
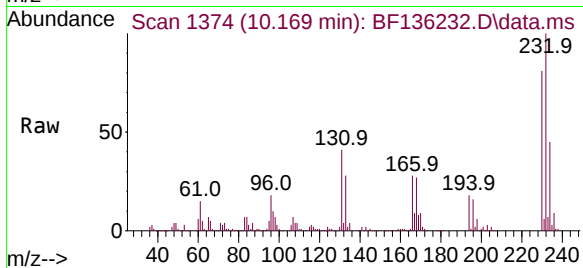




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.696 ng
RT: 10.169 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

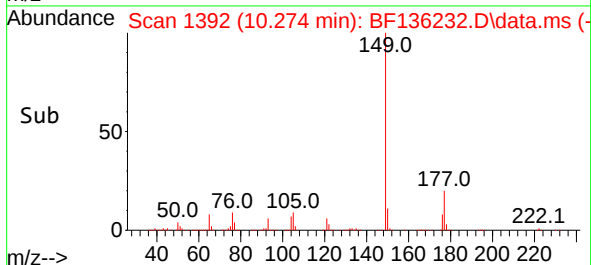
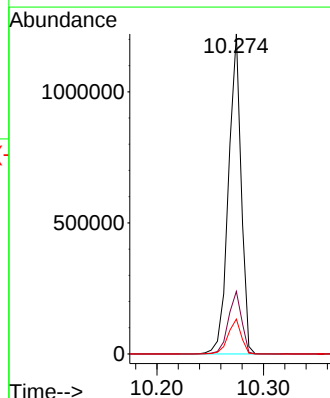
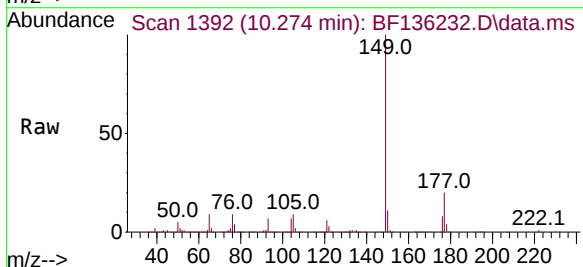
Instrument :
BNA_F
ClientSampleId :
TP-9MS

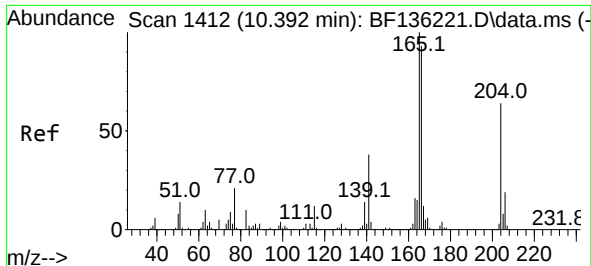
Tgt Ion:232 Resp: 240758
Ion Ratio Lower Upper
232 100
131 44.8 36.4 54.6
130 2.3 1.9 2.9
166 30.0 23.9 35.9



#60
Diethylphthalate
Concen: 51.163 ng
RT: 10.274 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Tgt Ion:149 Resp: 1004414
Ion Ratio Lower Upper
149 100
177 19.6 15.8 23.6
150 10.9 8.8 13.2

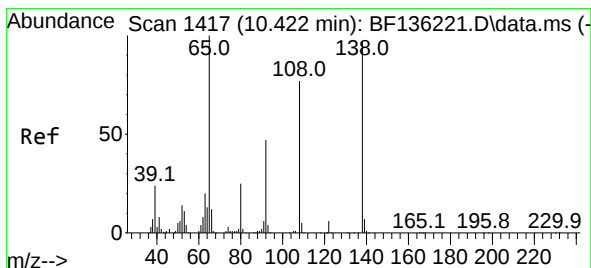
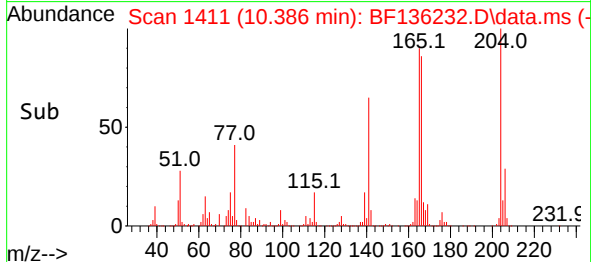
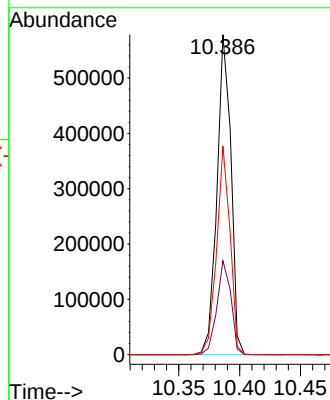
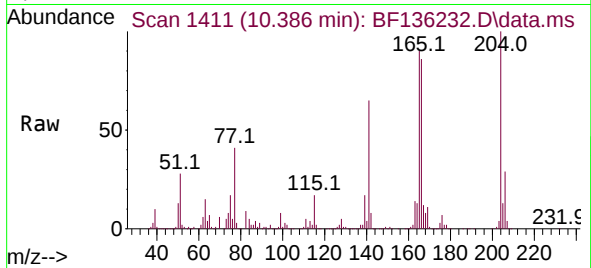




#61
4-Chlorophenyl-phenylether
Concen: 50.640 ng
RT: 10.386 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

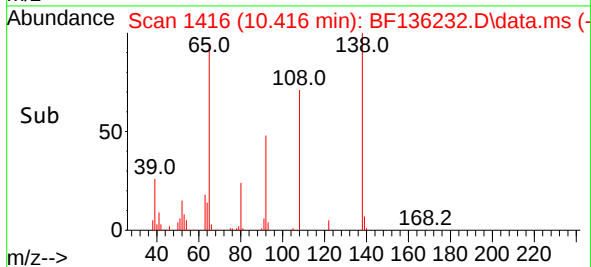
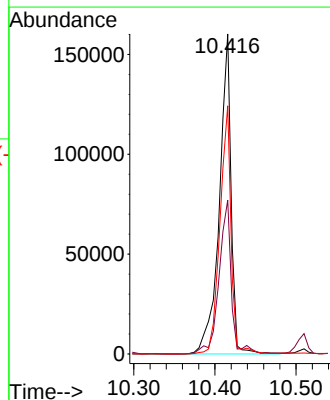
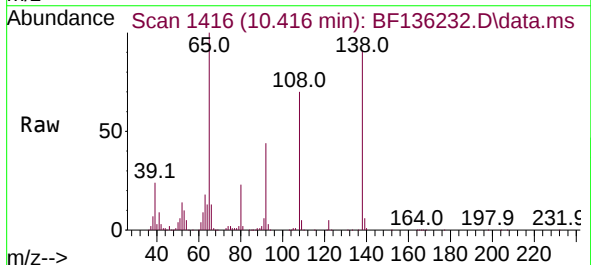
Instrument :
BNA_F
ClientSampleId :
TP-9MS

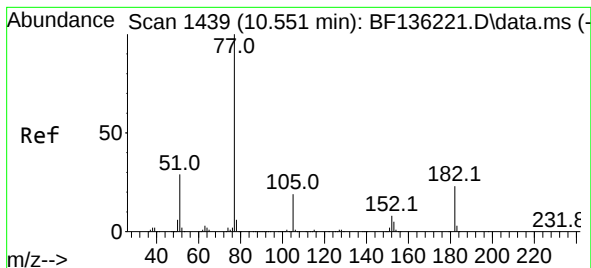
Tgt Ion:204 Resp: 460313
Ion Ratio Lower Upper
204 100
206 29.4 23.4 35.0
141 65.2 47.6 71.4



#62
4-Nitroaniline
Concen: 41.630 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Tgt Ion:138 Resp: 162107
Ion Ratio Lower Upper
138 100
92 48.1 28.5 68.5
108 77.5 59.8 99.8





#63

Azobenzene

Concen: 51.040 ng

RT: 10.551 min Scan# 1439

Delta R.T. -0.000 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Instrument :

BNA_F

ClientSampleId :

TP-9MS

Tgt Ion: 77 Resp: 928924

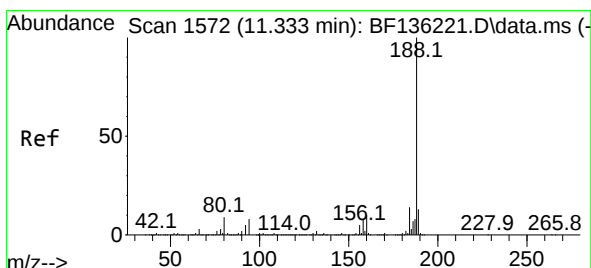
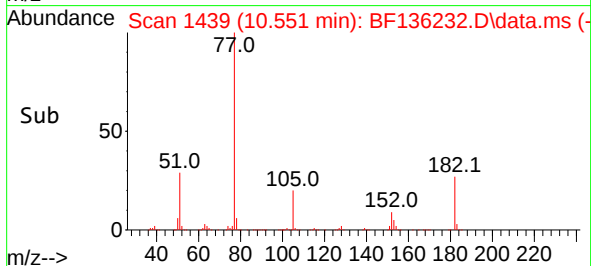
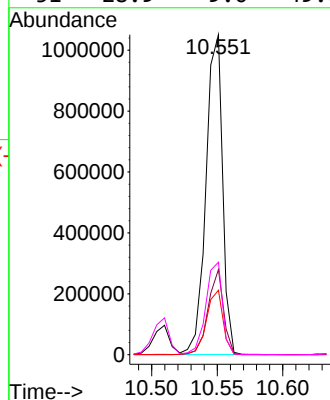
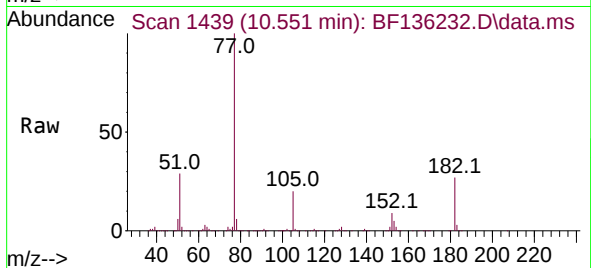
Ion Ratio Lower Upper

77 100

182 26.6 3.3 43.3

105 20.2 0.0 39.5

51 28.9 9.0 49.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1572

Delta R.T. 0.000 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

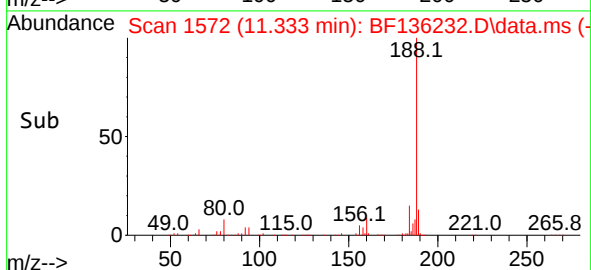
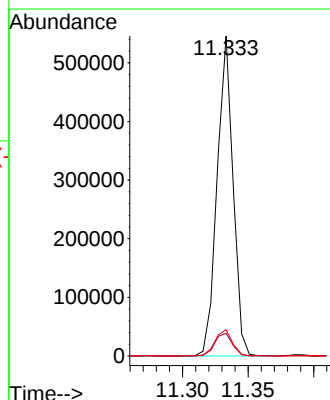
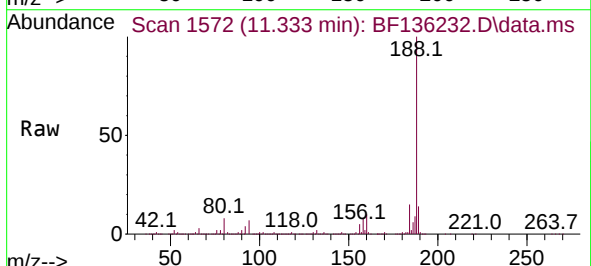
Tgt Ion:188 Resp: 460458

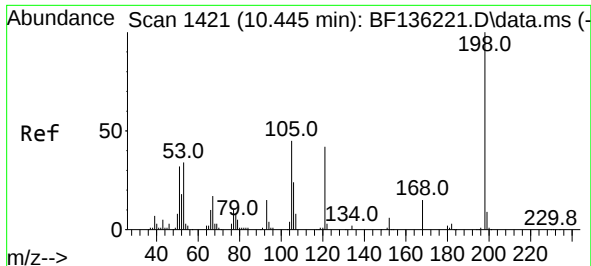
Ion Ratio Lower Upper

188 100

94 7.1 6.7 10.1

80 8.2 7.2 10.8





#65

4,6-Dinitro-2-methylphenol

Concen: 50.183 ng

RT: 10.439 min Scan# 1421

Delta R.T. -0.006 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Instrument :

BNA_F

ClientSampleId :

TP-9MS

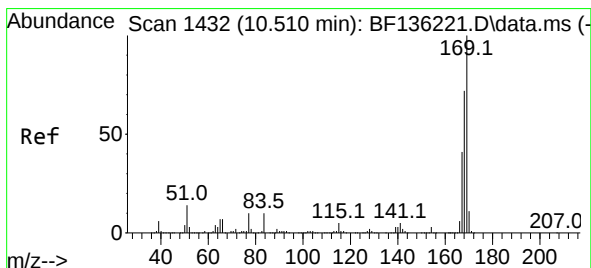
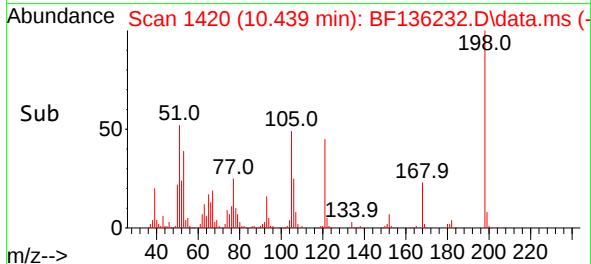
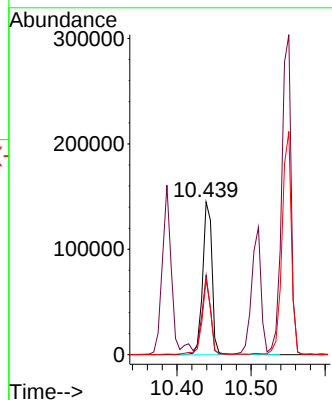
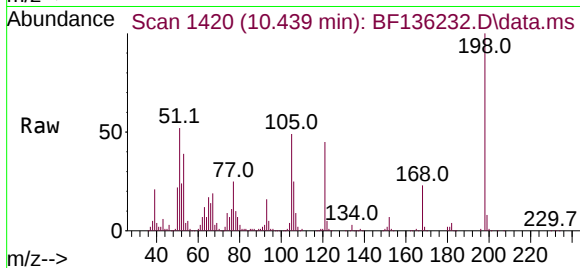
Tgt Ion:198 Resp: 126360

Ion Ratio Lower Upper

198 100

51 52.0 28.2 68.2

105 49.0 25.7 65.7



#66

n-Nitrosodiphenylamine

Concen: 54.680 ng

RT: 10.510 min Scan# 1432

Delta R.T. -0.000 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

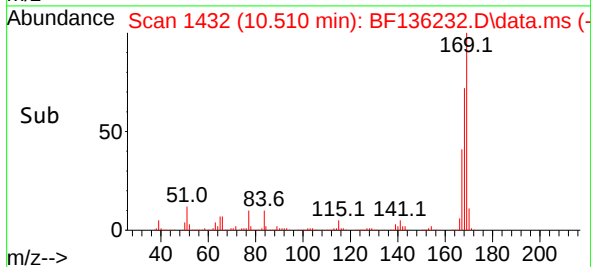
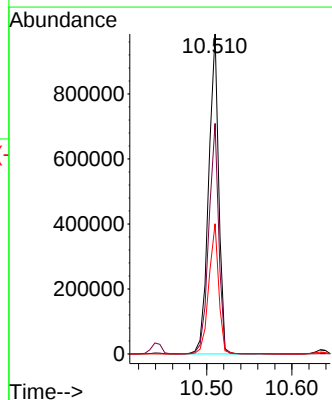
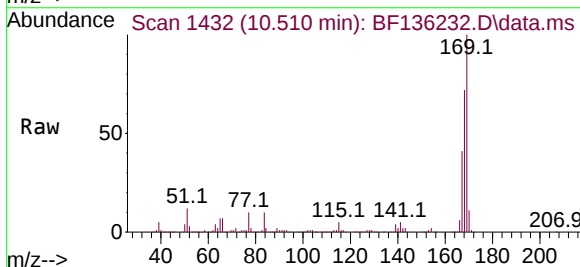
Tgt Ion:169 Resp: 806863

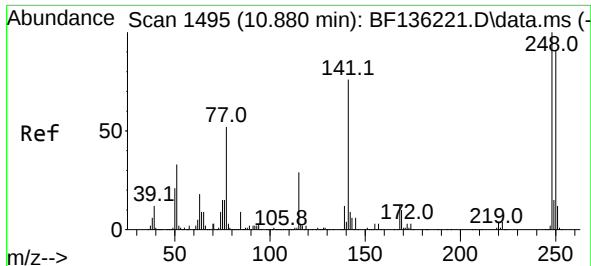
Ion Ratio Lower Upper

169 100

168 72.0 57.8 86.6

167 40.7 32.7 49.1

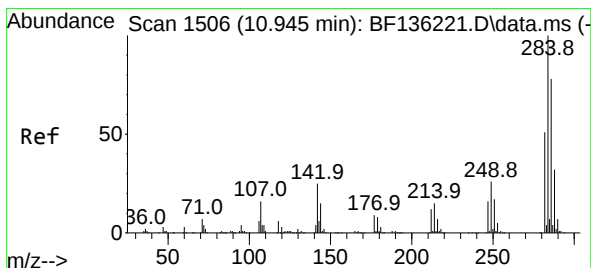
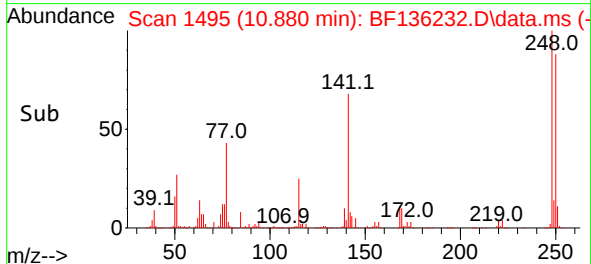
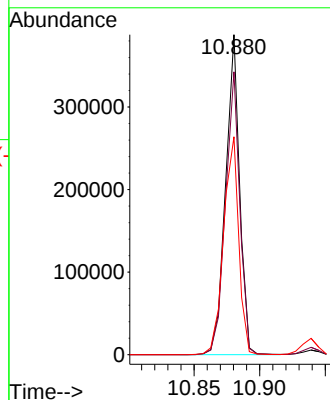
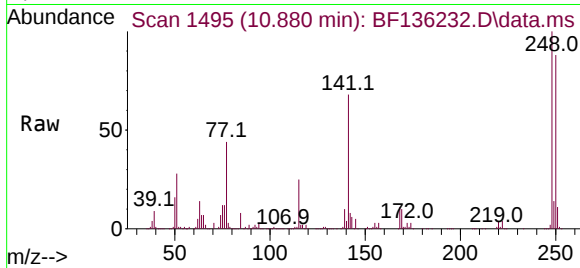




#67
4-Bromophenyl-phenylether
Concen: 53.517 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

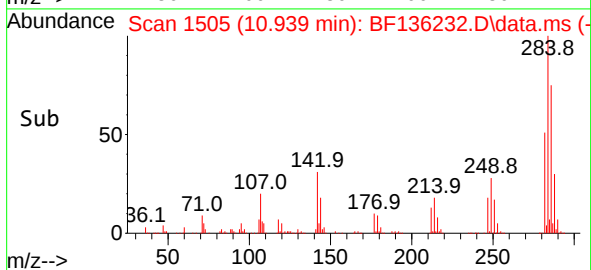
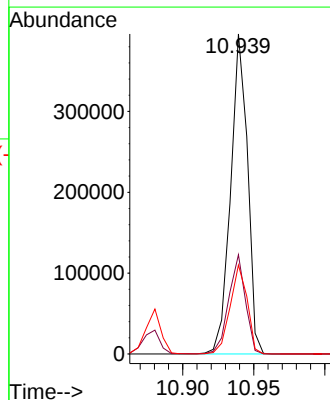
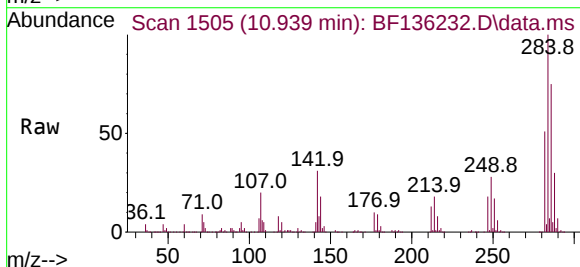
Instrument :
BNA_F
ClientSampleId :
TP-9MS

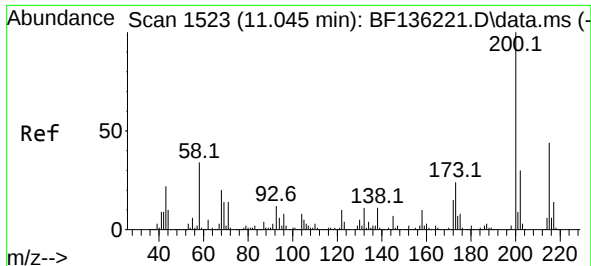
Tgt Ion:248 Resp: 287492
Ion Ratio Lower Upper
248 100
250 88.4 72.5 108.7
141 68.1 60.8 91.2



#68
Hexachlorobenzene
Concen: 52.608 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Tgt Ion:284 Resp: 327080
Ion Ratio Lower Upper
284 100
142 31.0 19.8 29.8#
249 27.8 21.0 31.4

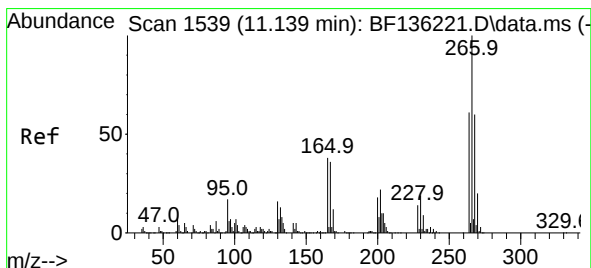
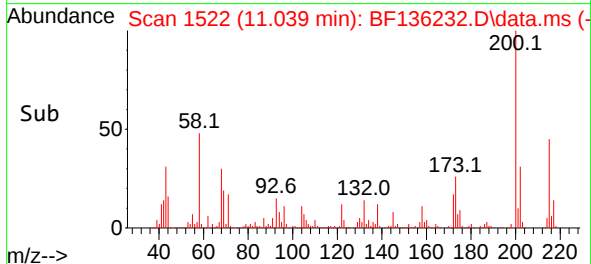
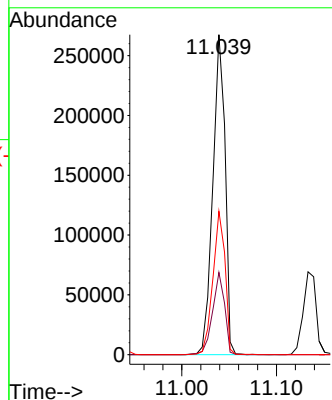
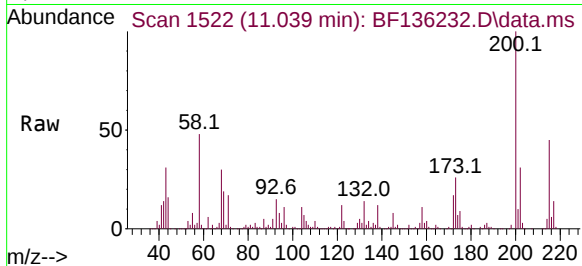




#69
Atrazine
Concen: 54.860 ng
RT: 11.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

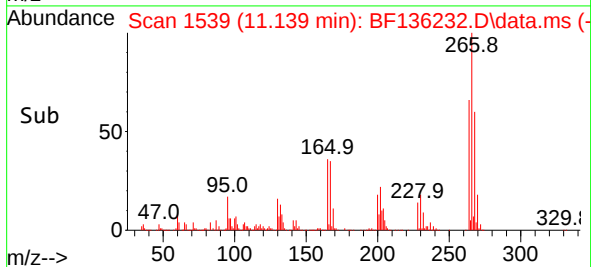
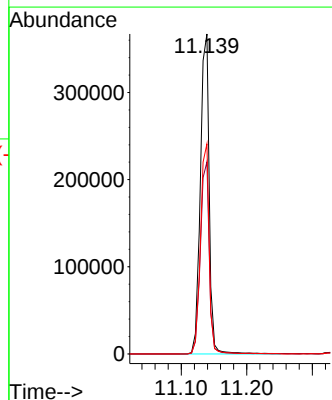
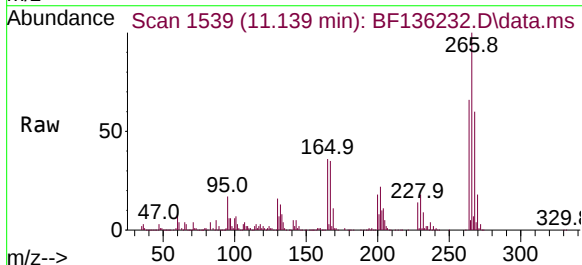
Instrument :
BNA_F
ClientSampleId :
TP-9MS

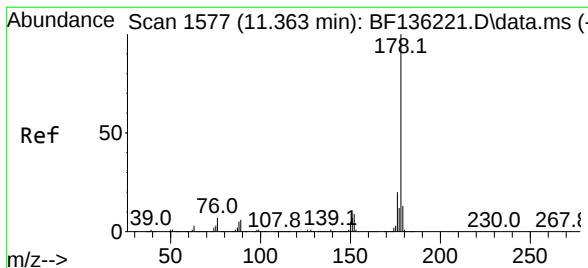
Tgt Ion:200 Resp: 240139
Ion Ratio Lower Upper
200 100
173 25.7 4.3 44.3
215 44.8 23.8 63.8



#70
Pentachlorophenol
Concen: 98.188 ng
RT: 11.139 min Scan# 1539
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Tgt Ion:266 Resp: 345073
Ion Ratio Lower Upper
266 100
268 60.0 47.9 71.9
264 65.7 49.1 73.7





#71

Phenanthrene

Concen: 53.704 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.006 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Instrument :

BNA_F

ClientSampleId :

TP-9MS

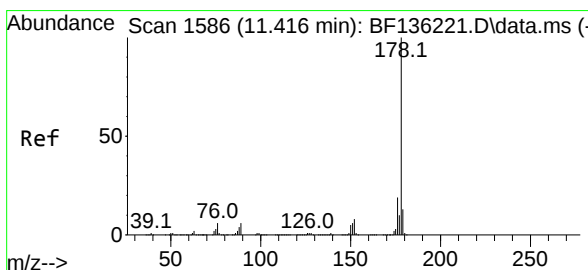
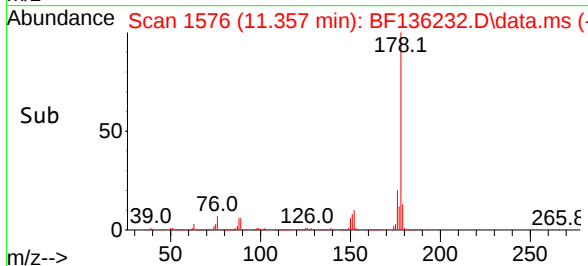
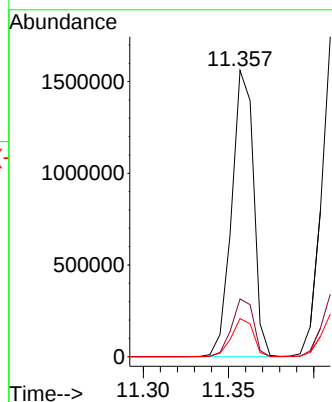
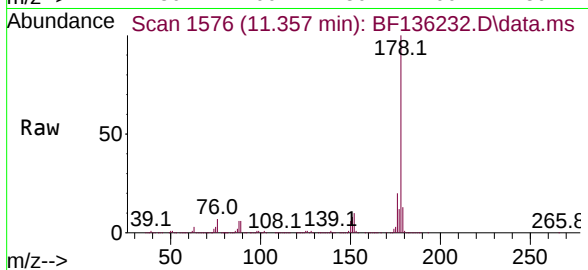
Tgt Ion:178 Resp: 1389857

Ion Ratio Lower Upper

178 100

176 20.2 16.2 24.2

179 13.3 10.3 15.5



#72

Anthracene

Concen: 54.506 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

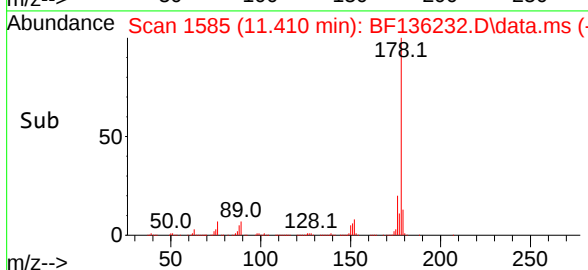
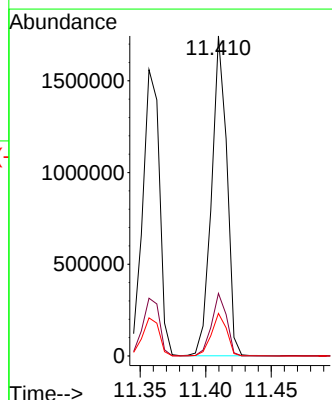
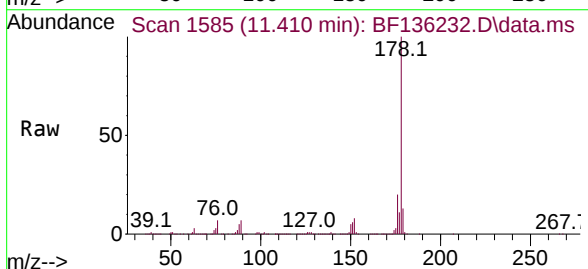
Tgt Ion:178 Resp: 1414601

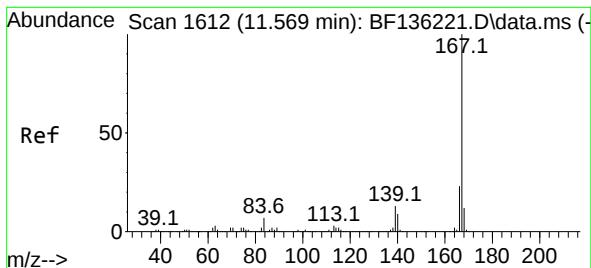
Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

179 13.3 10.5 15.7





#73

Carbazole

Concen: 47.117 ng

RT: 11.569 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Instrument :

BNA_F

ClientSampleId :

TP-9MS

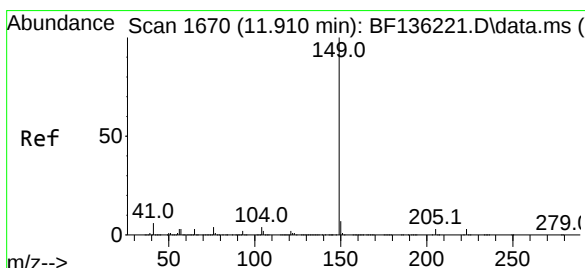
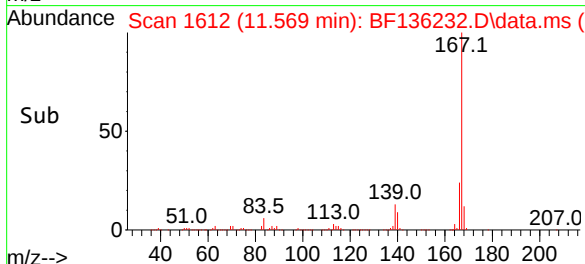
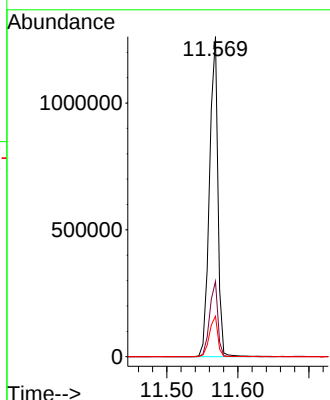
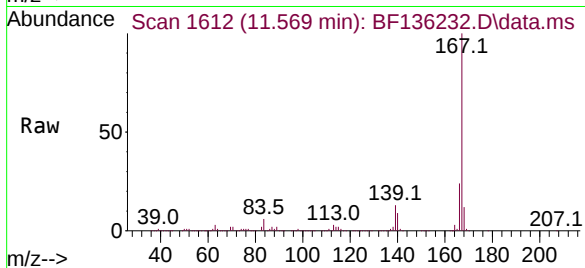
Tgt Ion:167 Resp: 1040011

Ion Ratio Lower Upper

167 100

166 23.5 18.4 27.6

139 12.7 10.5 15.7



#74

Di-n-butylphthalate

Concen: 57.515 ng

RT: 11.904 min Scan# 1669

Delta R.T. -0.006 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

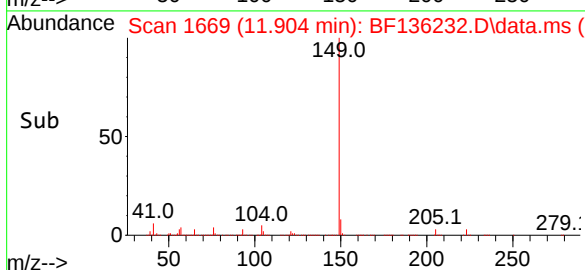
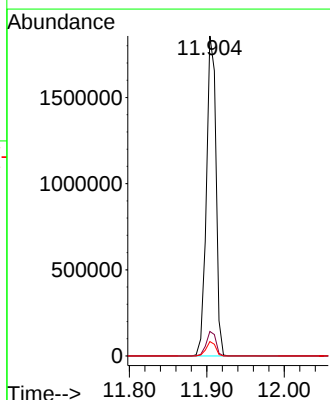
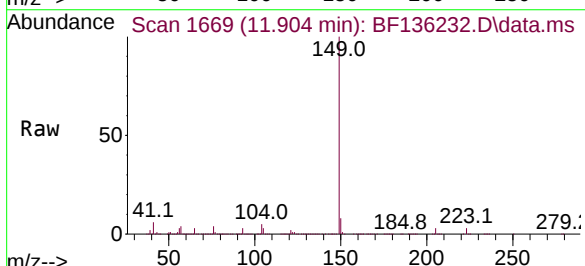
Tgt Ion:149 Resp: 1588447

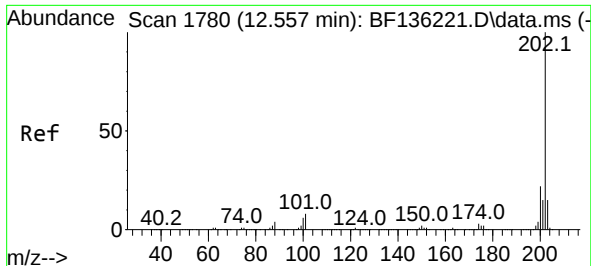
Ion Ratio Lower Upper

149 100

150 7.6 6.0 9.0

104 4.5 3.5 5.3

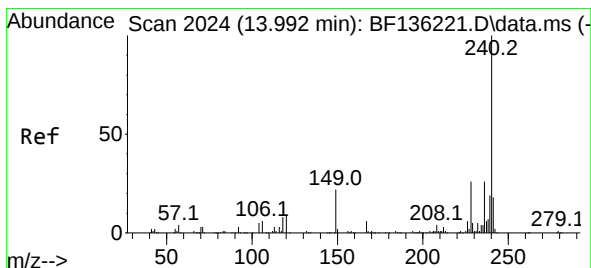
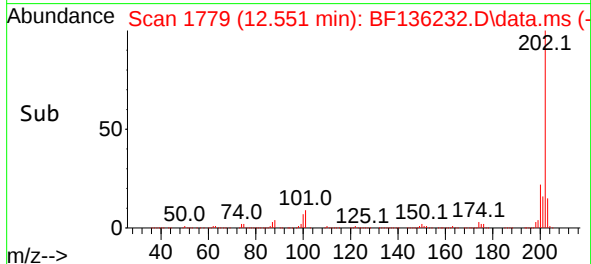
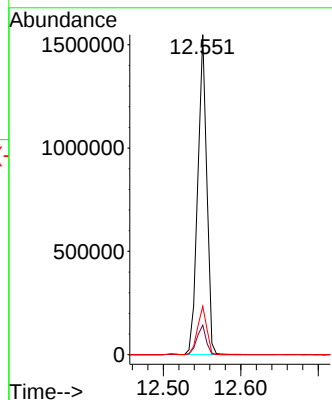
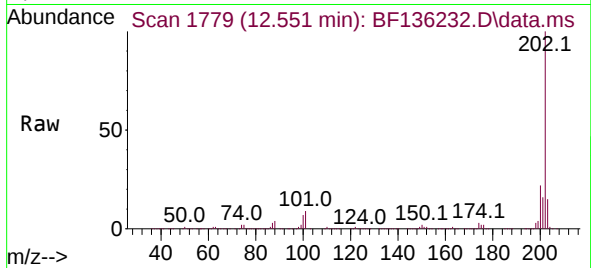




#75
Fluoranthene
Concen: 47.658 ng
RT: 12.551 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

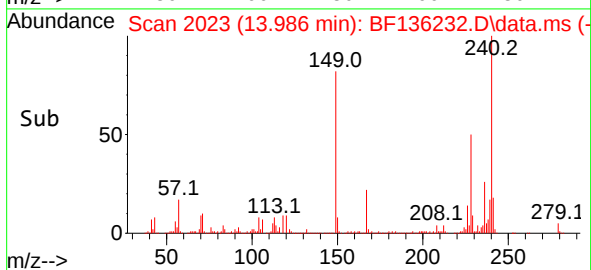
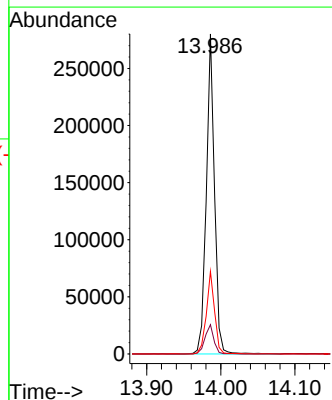
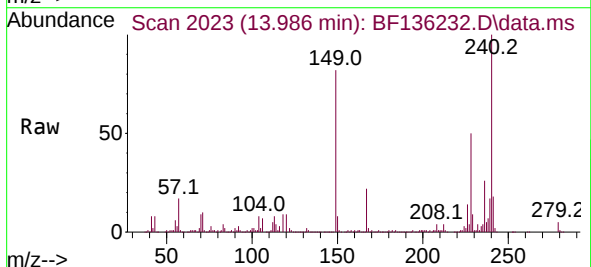
Instrument :
BNA_F
ClientSampleId :
TP-9MS

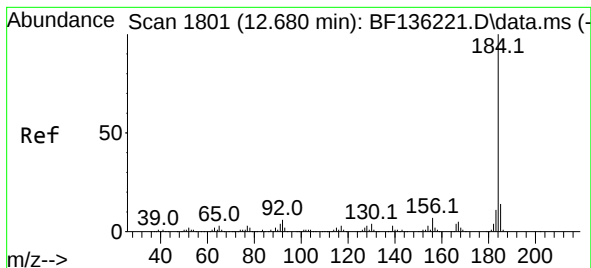
Tgt Ion:202 Resp: 1252089
Ion Ratio Lower Upper
202 100
101 9.2 0.0 27.8
203 15.2 0.0 34.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Tgt Ion:240 Resp: 216087
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.2
236 25.8 21.1 31.7





#77

Benzidine

Concen: 18.999 ng

RT: 12.674 min Scan# 1800

Delta R.T. -0.006 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Instrument :

BNA_F

ClientSampleId :

TP-9MS

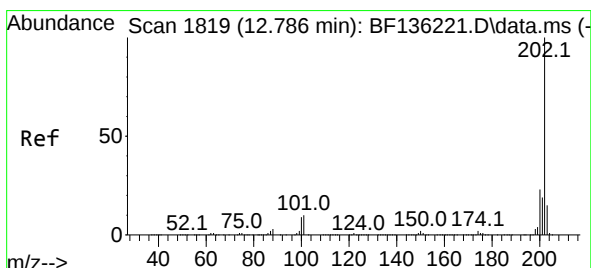
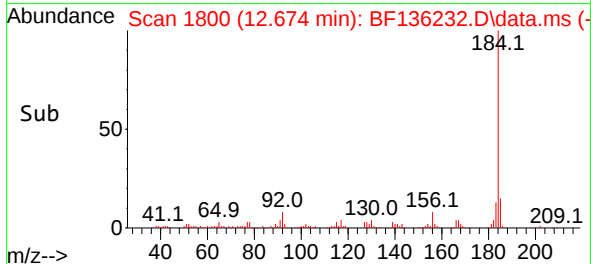
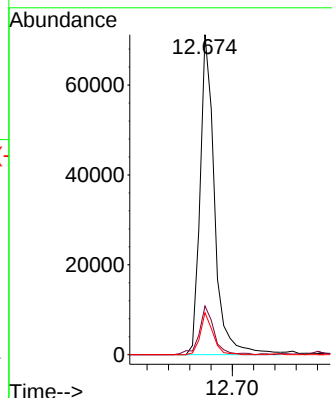
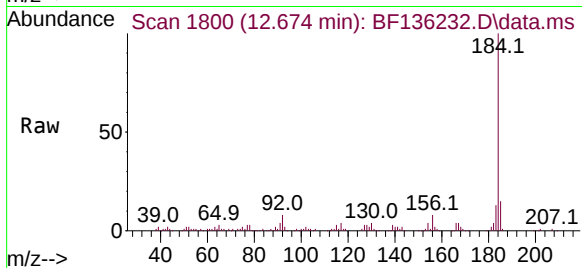
Tgt Ion:184 Resp: 67487

Ion Ratio Lower Upper

184 100

185 15.2 11.0 16.6

183 13.1 9.0 13.4



#78

Pyrene

Concen: 52.186 ng

RT: 12.780 min Scan# 1818

Delta R.T. -0.006 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

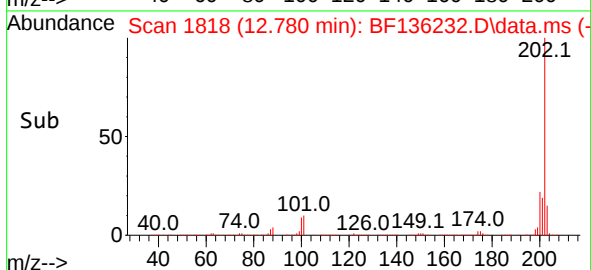
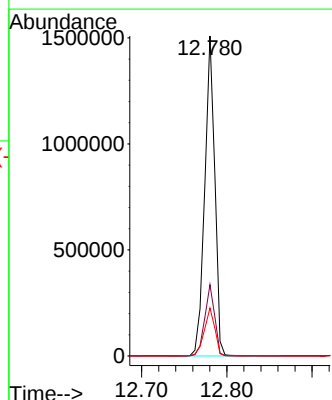
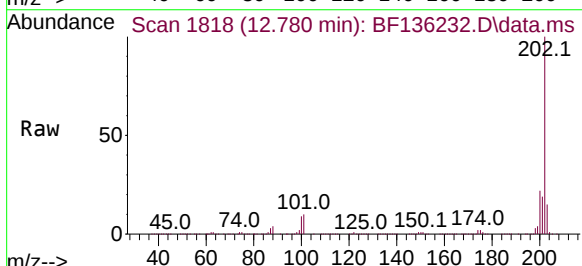
Tgt Ion:202 Resp: 1234986

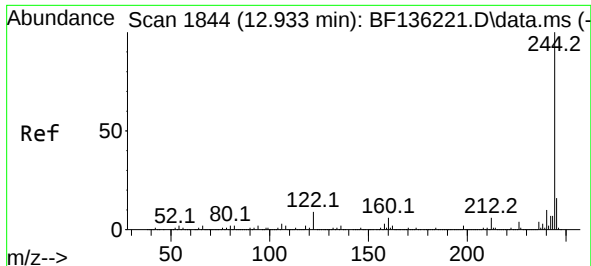
Ion Ratio Lower Upper

202 100

200 22.3 18.4 27.6

203 15.0 11.8 17.6

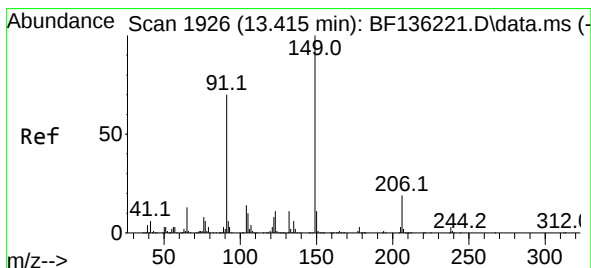
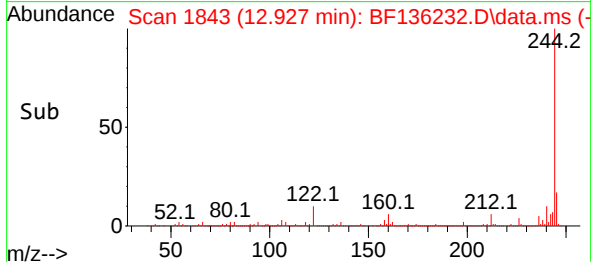
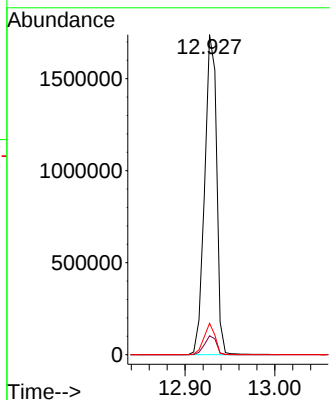
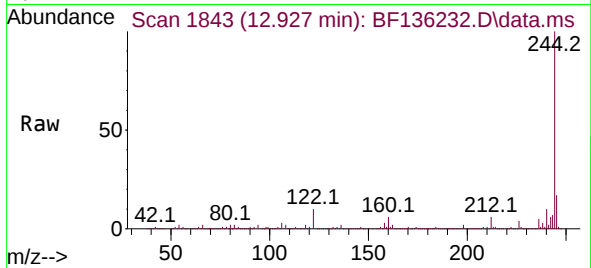




#79
 Terphenyl-d14
 Concen: 85.977 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF136232.D
 Acq: 27 Nov 2023 20:29

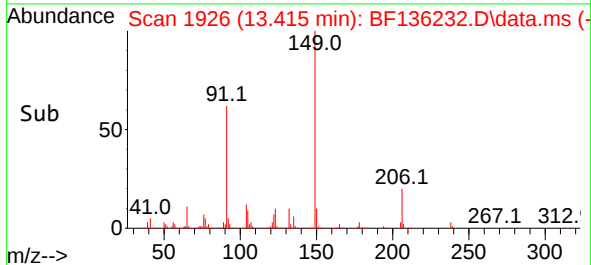
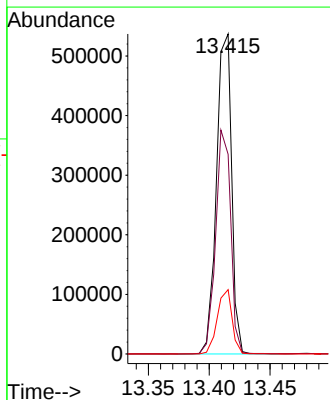
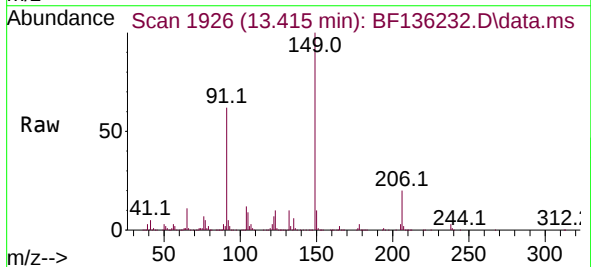
Instrument :
 BNA_F
 ClientSampleId :
 TP-9MS

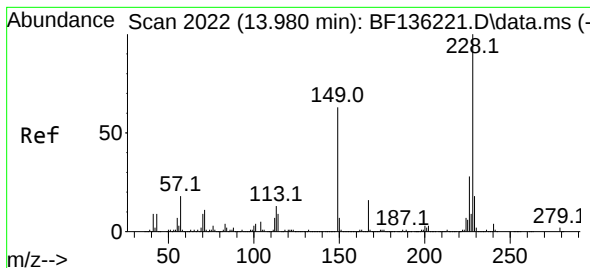
Tgt Ion:244 Resp: 1610637
 Ion Ratio Lower Upper
 244 100
 212 5.9 4.6 7.0
 122 9.8 7.3 10.9



#80
 Butylbenzylphthalate
 Concen: 63.213 ng
 RT: 13.415 min Scan# 1926
 Delta R.T. -0.000 min
 Lab File: BF136232.D
 Acq: 27 Nov 2023 20:29

Tgt Ion:149 Resp: 465577
 Ion Ratio Lower Upper
 149 100
 91 62.4 56.4 84.6
 206 20.1 14.8 22.2





#81

Benzo(a)anthracene

Concen: 53.234 ng

RT: 13.974 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Instrument :

BNA_F

ClientSampleId :

TP-9MS

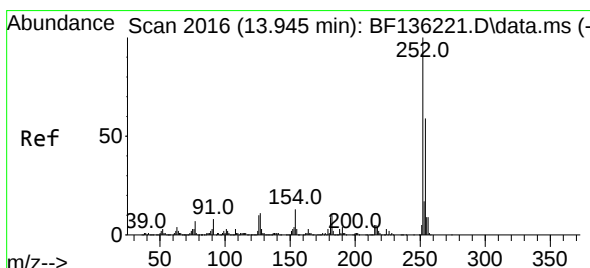
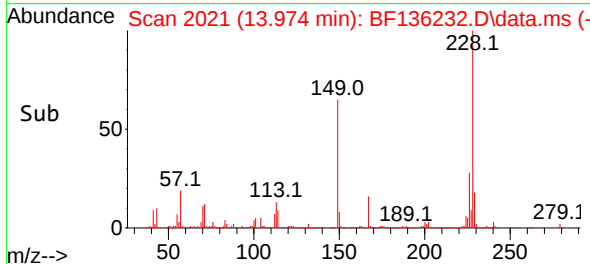
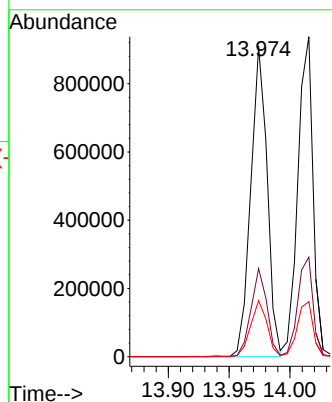
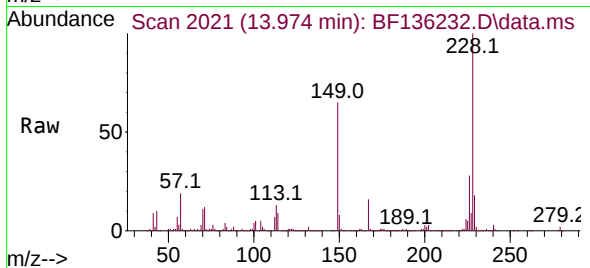
Tgt Ion:228 Resp: 854422

Ion Ratio Lower Upper

228 100

226 28.4 22.6 34.0

229 18.1 14.0 21.0



#82

3,3'-Dichlorobenzidine

Concen: 29.434 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

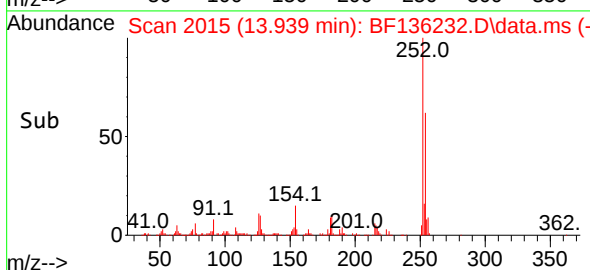
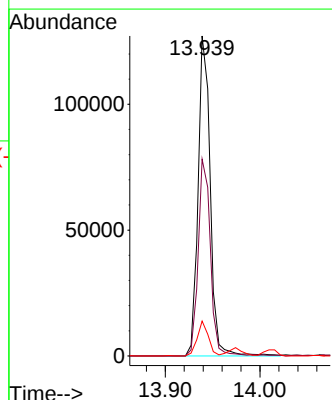
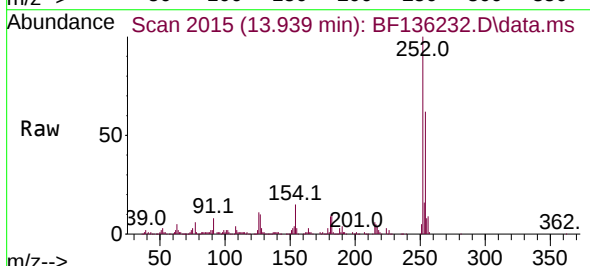
Tgt Ion:252 Resp: 113718

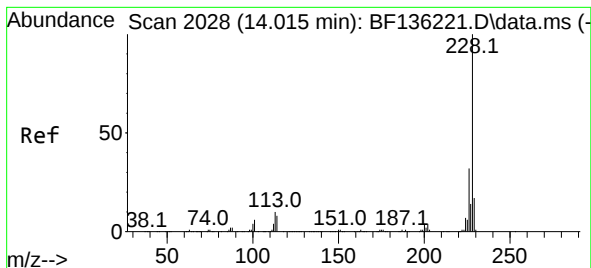
Ion Ratio Lower Upper

252 100

254 61.5 47.4 71.2

126 10.9 8.3 12.5





#83

Chrysene

Concen: 53.001 ng

RT: 14.015 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Instrument :

BNA_F

ClientSampleId :

TP-9MS

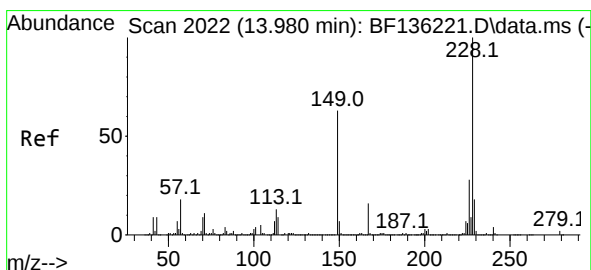
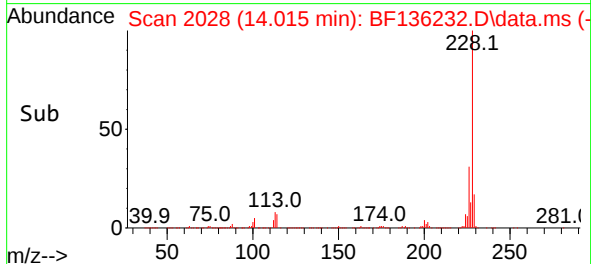
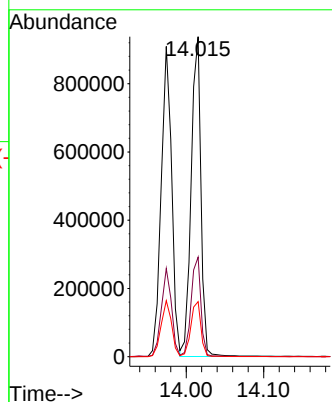
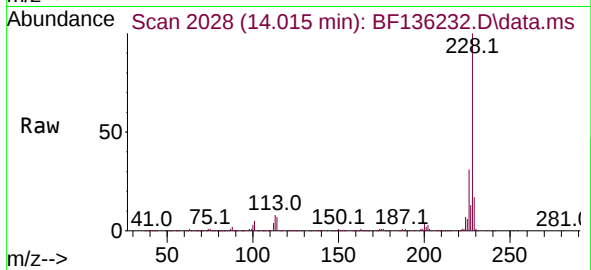
Tgt Ion:228 Resp: 821364

Ion Ratio Lower Upper

228 100

226 31.1 25.5 38.3

229 17.2 13.9 20.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 71.971 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

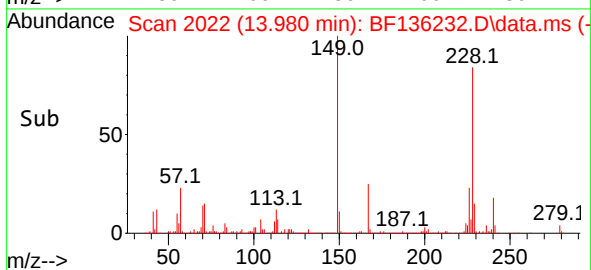
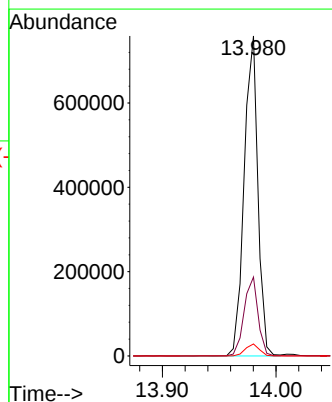
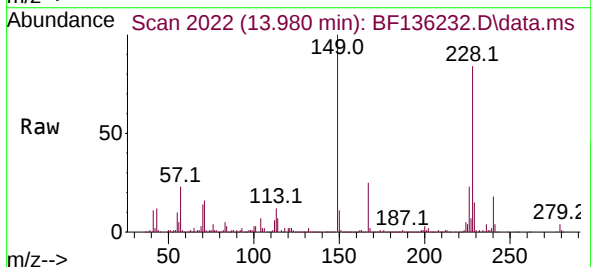
Tgt Ion:149 Resp: 636161

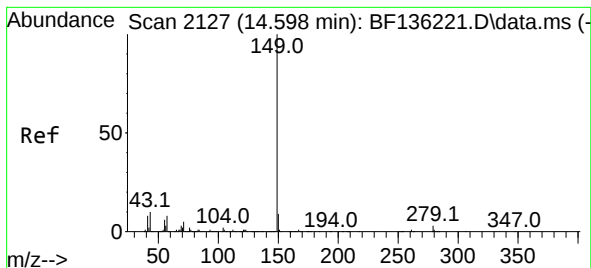
Ion Ratio Lower Upper

149 100

167 24.6 20.2 30.2

279 3.8 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 67.028 ng

RT: 14.598 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Instrument :

BNA_F

ClientSampleId :

TP-9MS

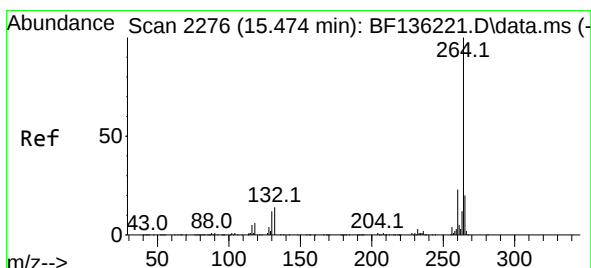
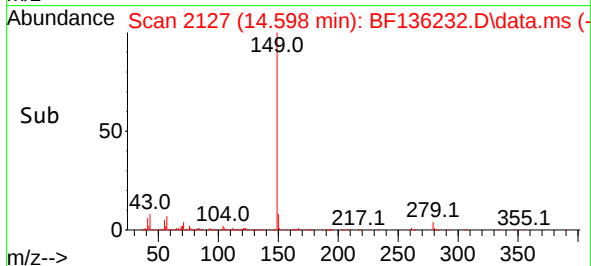
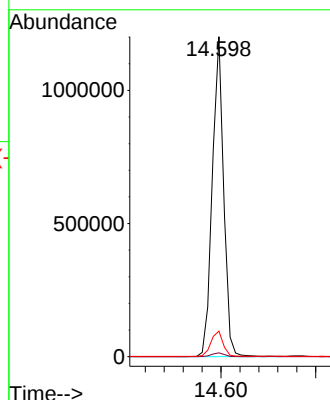
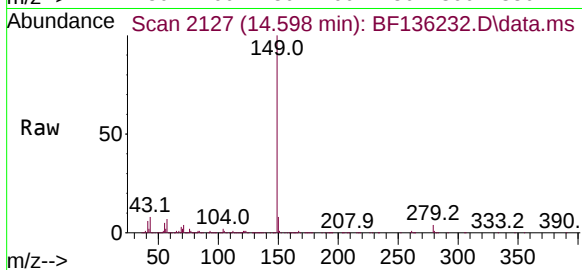
Tgt Ion:149 Resp: 995158

Ion Ratio Lower Upper

149 100

167 1.3 1.0 1.6

43 8.5 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: BF136232.D

Acq: 27 Nov 2023 20:29

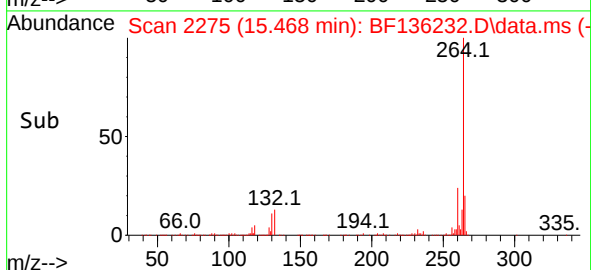
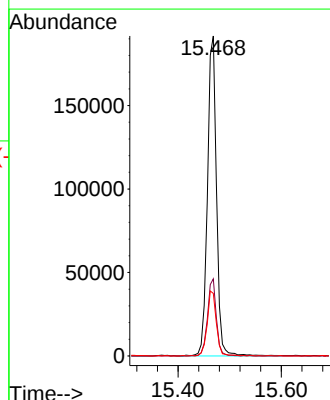
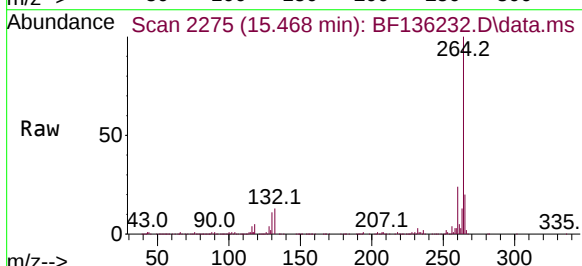
Tgt Ion:264 Resp: 233041

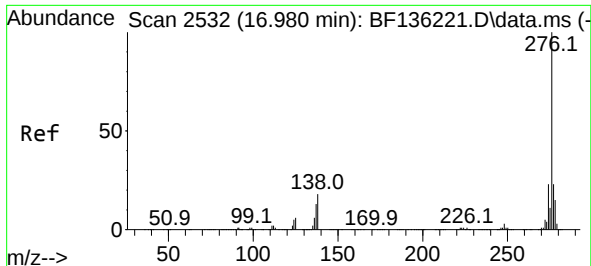
Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 19.5 15.7 23.5

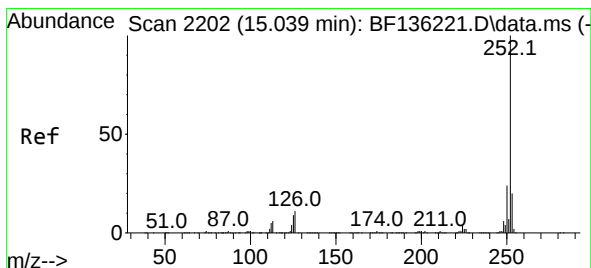
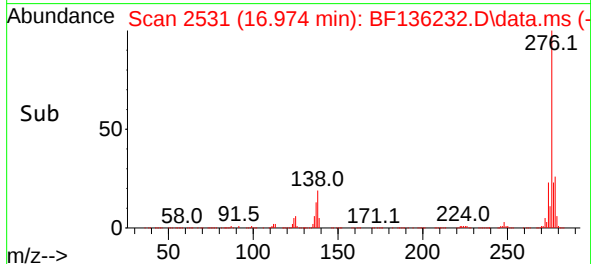
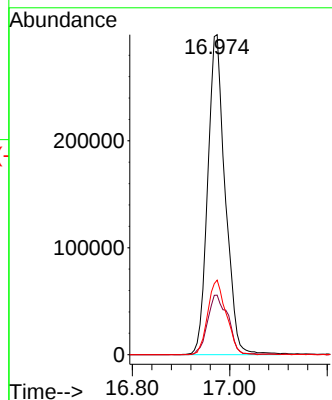
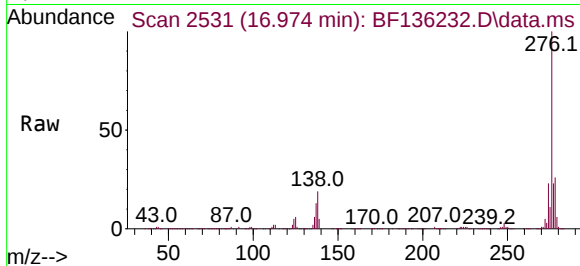




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.005 ng
RT: 16.974 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

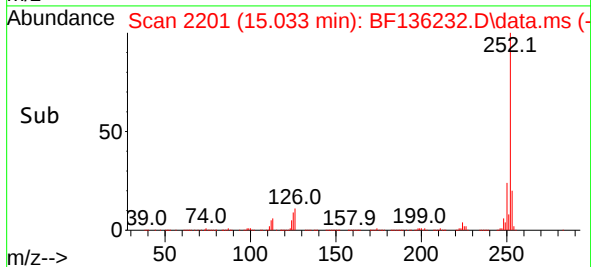
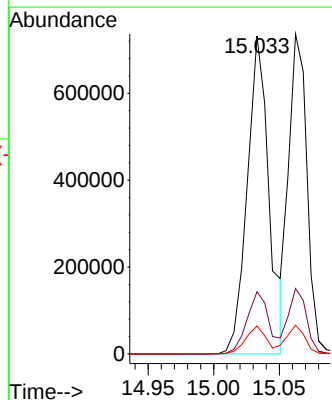
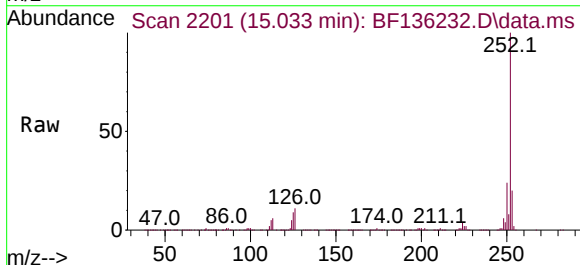
Instrument :
BNA_F
ClientSampleId :
TP-9MS

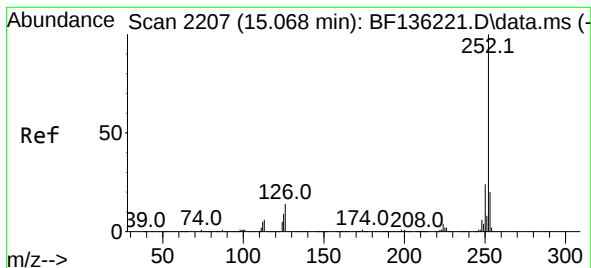
Tgt Ion:276 Resp: 743980
Ion Ratio Lower Upper
276 100
138 21.9 17.7 26.5
277 24.7 19.6 29.4



#88
Benzo(b)fluoranthene
Concen: 51.660 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Tgt Ion:252 Resp: 844626
Ion Ratio Lower Upper
252 100
253 19.6 16.2 24.2
125 8.8 6.9 10.3





#89

Benzo(k)fluoranthene

Concen: 46.265 ng

RT: 15.062 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Instrument :

BNA_F

ClientSampleId :

TP-9MS

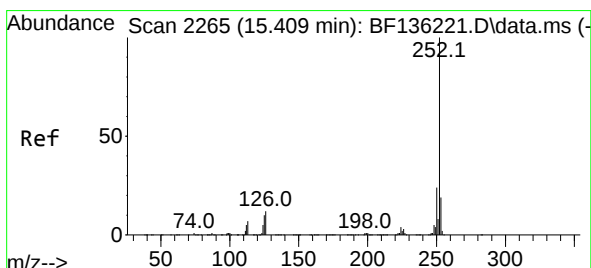
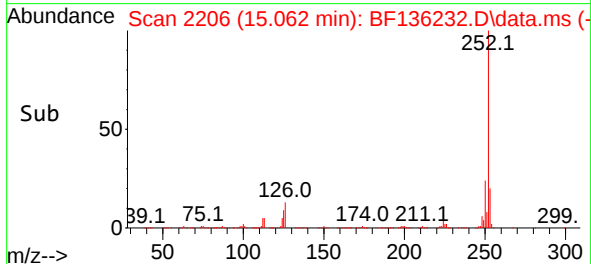
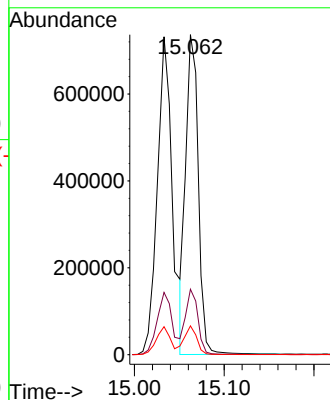
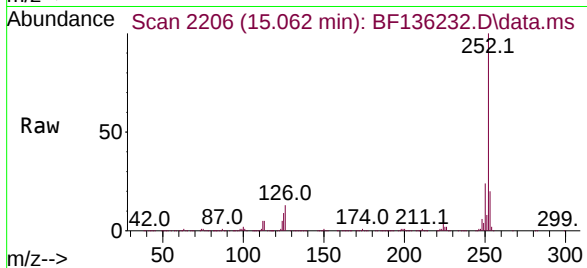
Tgt Ion:252 Resp: 718422

Ion Ratio Lower Upper

252 100

253 20.5 15.6 23.4

125 9.0 7.0 10.4



#90

Benzo(a)pyrene

Concen: 50.569 ng

RT: 15.404 min Scan# 2264

Delta R.T. -0.005 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

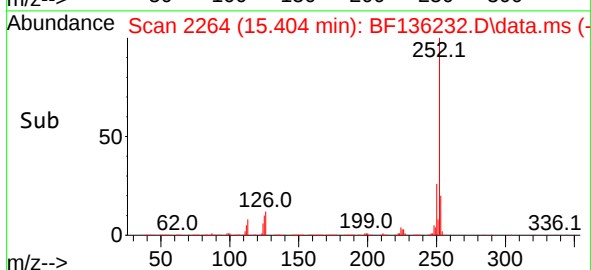
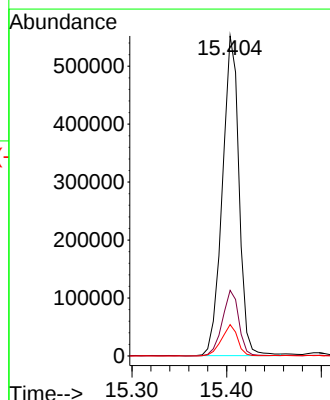
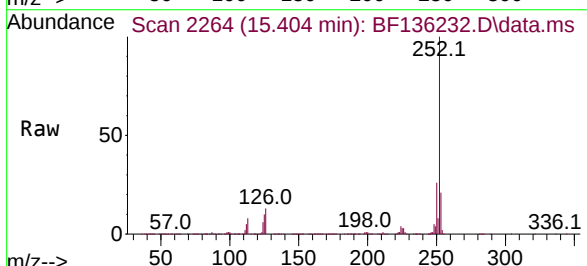
Tgt Ion:252 Resp: 675886

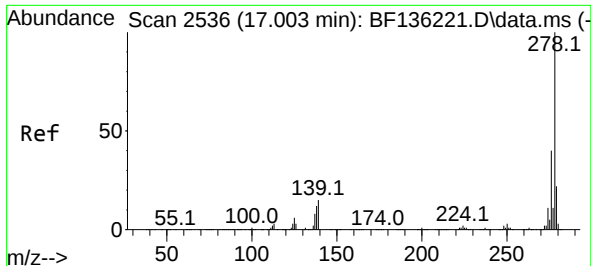
Ion Ratio Lower Upper

252 100

253 20.5 15.5 23.3

125 9.8 7.9 11.9

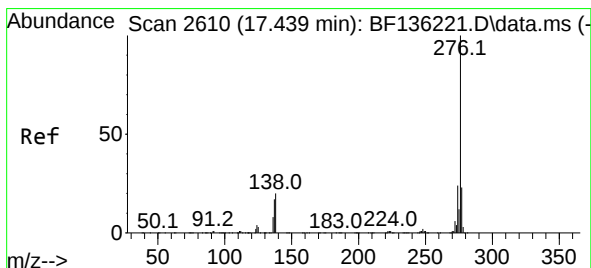
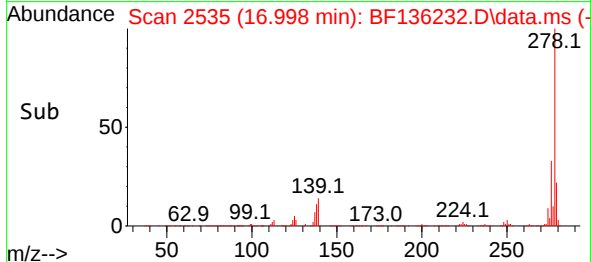
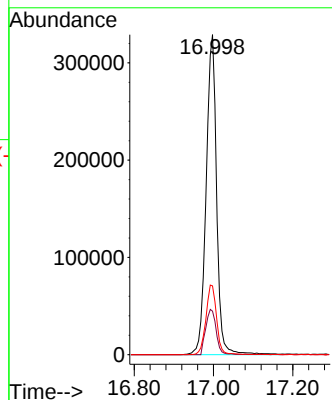
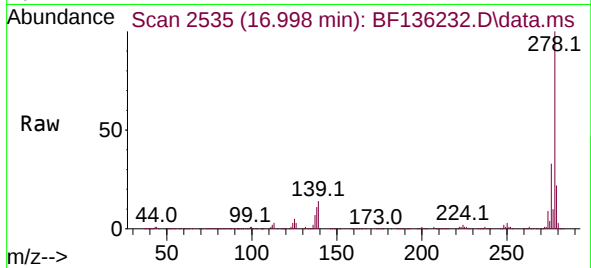




#91
Dibenzo(a,h)anthracene
Concen: 43.505 ng
RT: 16.998 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Instrument :
BNA_F
ClientSampleId :
TP-9MS

Tgt Ion:278 Resp: 604465
Ion Ratio Lower Upper
278 100
139 13.6 11.7 17.5
279 21.5 17.8 26.8



#92
Benzo(g,h,i)perylene
Concen: 39.393 ng
RT: 17.427 min Scan# 2608
Delta R.T. -0.012 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Tgt Ion:276 Resp: 547670
Ion Ratio Lower Upper
276 100
277 22.5 18.6 27.8
138 20.1 15.8 23.8

