

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136793.D
 Acq On : 28 Dec 2023 14:22
 Operator : CG\JU
 Sample : 05926-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-319-0-2MS

Quant Time: Dec 28 14:50:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	72807	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	290287	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	158710	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	329823	20.000	ng	0.00
76) Chrysene-d12	13.968	240	181018	20.000	ng	0.00
86) Perylene-d12	15.445	264	176401	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	574574	123.134	ng	0.02
7) Phenol-d6	6.439	99	696680	115.223	ng	0.00
23) Nitrobenzene-d5	7.351	82	480761	84.747	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	247300	132.305	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	986403	83.593	ng	-0.01
79) Terphenyl-d14	12.910	244	1171294	90.424	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.781	88	75268	38.713	ng	# 82
3) Pyridine	3.498	79	170590	35.961	ng	92
4) n-Nitrosodimethylamine	3.428	42	109611	43.269	ng	98
6) Aniline	6.451	93	115770	19.151	ng	# 1
8) 2-Chlorophenol	6.575	128	223454	43.759	ng	96
9) Benzaldehyde	6.339	77	25666	7.463	ng	97
10) Phenol	6.451	94	254977	39.504	ng	96
11) bis(2-Chloroethyl)ether	6.528	93	204677	41.698	ng	97
12) 1,3-Dichlorobenzene	6.728	146	197047	35.373	ng	96
13) 1,4-Dichlorobenzene	6.804	146	203656	35.780	ng	96
14) 1,2-Dichlorobenzene	6.951	146	193390	36.513	ng	98
15) Benzyl Alcohol	6.934	79	199521	48.913	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	318241	39.655	ng	75
17) 2-Methylphenol	7.045	107	184779	43.679	ng	98
18) Hexachloroethane	7.286	117	71305	34.495	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	158615	43.275	ng	95
20) 3+4-Methylphenols	7.198	107	235689	44.596	ng	94
22) Acetophenone	7.192	105	326015	44.807	ng	# 92
24) Nitrobenzene	7.369	77	235709	41.478	ng	96
25) Isophorone	7.604	82	454785	44.058	ng	98
26) 2-Nitrophenol	7.681	139	119049	43.786	ng	96
27) 2,4-Dimethylphenol	7.722	122	184906	55.862	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	268810	42.842	ng	99
29) 2,4-Dichlorophenol	7.928	162	194888	45.733	ng	95
30) 1,2,4-Trichlorobenzene	8.004	180	185704	39.112	ng	96
31) Naphthalene	8.086	128	649287	40.714	ng	99
32) Benzoic acid	7.833	122	43587	13.609	ng	97
33) 4-Chloroaniline	8.133	127	37224	6.322	ng	96
34) Hexachlorobutadiene	8.198	225	103778	35.975	ng	99
35) Caprolactam	8.516	113	43524	30.960	ng	99
36) 4-Chloro-3-methylphenol	8.633	107	225924	47.093	ng	99
37) 2-Methylnaphthalene	8.775	142	433368	42.225	ng	100
38) 1-Methylnaphthalene	8.875	142	419862	41.697	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	212018	43.135	ng	98
41) Hexachlorocyclopentadiene	8.922	237	110925	71.345	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	146175	46.372	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	158767	45.198	ng	97
46) 1,1'-Biphenyl	9.245	154	594066	44.606	ng	98
47) 2-Chloronaphthalene	9.269	162	429054	42.377	ng	97
48) 2-Nitroaniline	9.369	65	149837	47.259	ng	97
49) Acenaphthylene	9.686	152	736681	47.603	ng	100
50) Dimethylphthalate	9.551	163	536123	46.247	ng	99
51) 2,6-Dinitrotoluene	9.616	165	120750	45.896	ng	100
52) Acenaphthene	9.857	154	421971	43.988	ng	98
53) 3-Nitroaniline	9.780	138	55415	19.883	ng	95
54) 2,4-Dinitrophenol	9.892	184	44498	32.827	ng #	85
55) Dibenzofuran	10.027	168	647550	44.531	ng	99
56) 4-Nitrophenol	9.963	139	167442	88.999	ng	96
57) 2,4-Dinitrotoluene	10.022	165	155179	45.434	ng #	95
58) Fluorene	10.374	166	531023	46.023	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	137168	50.728	ng	99
60) Diethylphthalate	10.251	149	564324	46.918	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	249431	44.475	ng	99
62) 4-Nitroaniline	10.404	138	130969	48.747	ng	94
63) Azobenzene	10.527	77	514615	45.808	ng	96
65) 4,6-Dinitro-2-methylph...	10.433	198	44029	23.293	ng	91
66) n-Nitrosodiphenylamine	10.486	169	485542	45.318	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	158117	43.167	ng	95
68) Hexachlorobenzene	10.922	284	176413	43.217	ng	98
69) Atrazine	11.021	200	161306	58.863	ng	99
70) Pentachlorophenol	11.121	266	159052	83.594	ng	99
71) Phenanthrene	11.339	178	776181	45.864	ng	99
72) Anthracene	11.392	178	793081	46.274	ng	99
73) Carbazole	11.551	167	740854	45.848	ng	100
74) Di-n-butylphthalate	11.880	149	945336	47.943	ng	100
75) Fluoranthene	12.533	202	807011	44.581	ng	98
77) Benzidine	12.657	184	138270	25.906	ng	99
78) Pyrene	12.763	202	809048	45.529	ng	99
80) Butylbenzylphthalate	13.386	149	337411	52.183	ng	99
81) Benzo(a)anthracene	13.957	228	575571	45.790	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	93567	26.212	ng	99
83) Chrysene	13.998	228	548138	44.594	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	454578	55.877	ng	98
85) Di-n-octyl phthalate	14.562	149	709960	56.417	ng	98
87) Indeno(1,2,3-cd)pyrene	16.962	276	592849	46.548	ng	99
88) Benzo(b)fluoranthene	15.015	252	504023	42.779	ng	100
89) Benzo(k)fluoranthene	15.045	252	472481	42.440	ng	99
90) Benzo(a)pyrene	15.386	252	435874	43.827	ng	100
91) Dibenzo(a,h)anthracene	16.980	278	495716	47.442	ng	97
92) Benzo(g,h,i)perylene	17.415	276	478360	44.698	ng	99

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

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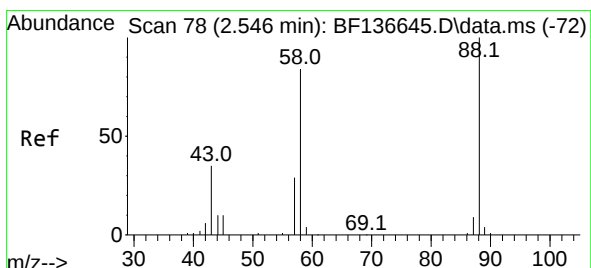
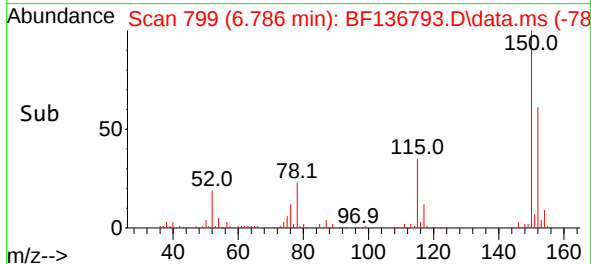
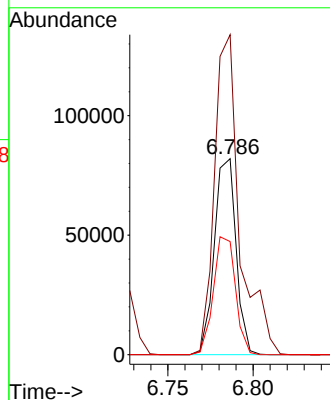
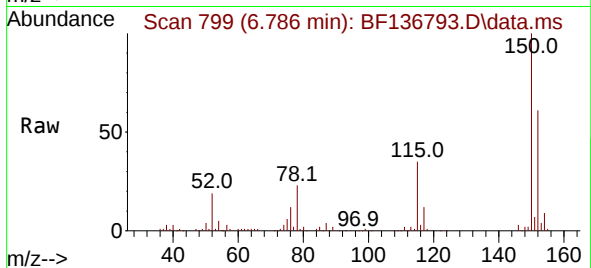




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF136793.D
 Acq: 28 Dec 2023 14:22

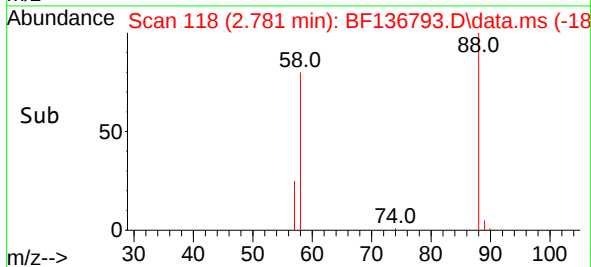
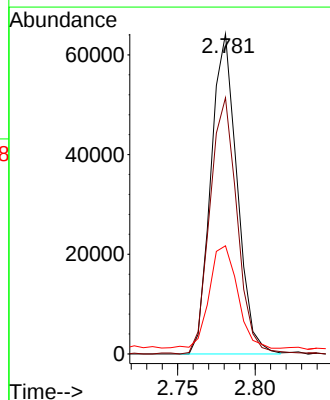
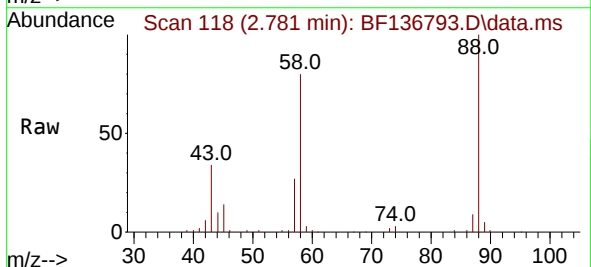
Instrument :
 BNA_F
 ClientSampleId :
 MR-319-0-2MS

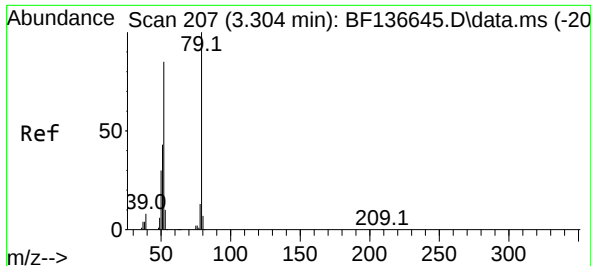
Tgt Ion:152 Resp: 72807
 Ion Ratio Lower Upper
 152 100
 150 163.2 127.0 190.6
 115 57.7 49.0 73.4



#2
 1,4-Dioxane
 Concen: 38.713 ng
 RT: 2.781 min Scan# 118
 Delta R.T. 0.235 min
 Lab File: BF136793.D
 Acq: 28 Dec 2023 14:22

Tgt Ion: 88 Resp: 75268
 Ion Ratio Lower Upper
 88 100
 58 83.5 67.4 101.0
 43 0.0 27.7 41.5





#3

Pyridine

Concen: 35.961 ng

RT: 3.498 min Scan# 24

Delta R.T. 0.194 min

Lab File: BF136793.D

Acq: 28 Dec 2023 14:22

Instrument :

BNA_F

ClientSampleId :

MR-319-0-2MS

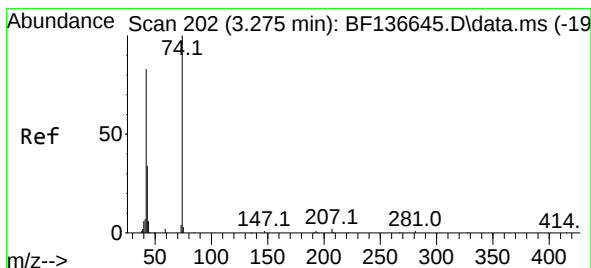
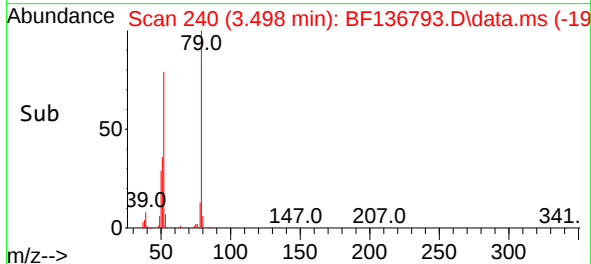
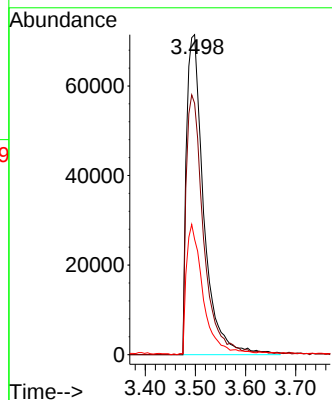
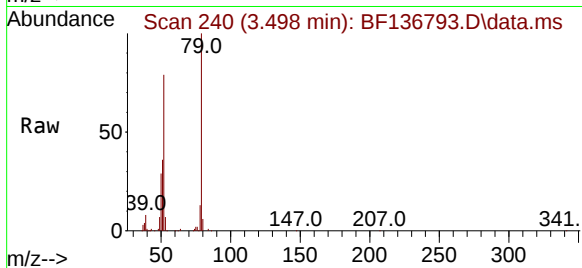
Tgt Ion: 79 Resp: 170590

Ion Ratio Lower Upper

79 100

52 78.6 67.7 101.5

51 36.1 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 43.269 ng

RT: 3.428 min Scan# 228

Delta R.T. 0.153 min

Lab File: BF136793.D

Acq: 28 Dec 2023 14:22

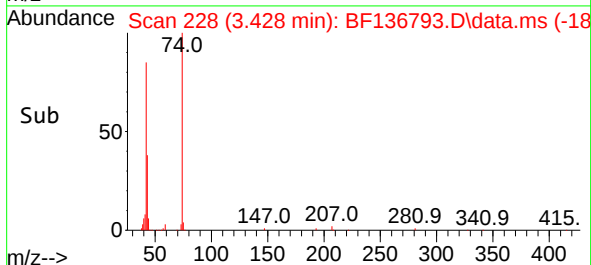
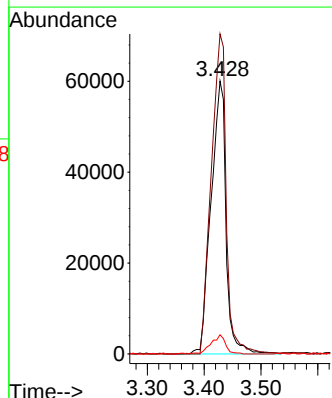
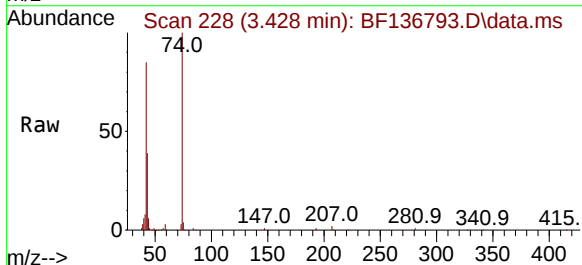
Tgt Ion: 42 Resp: 109611

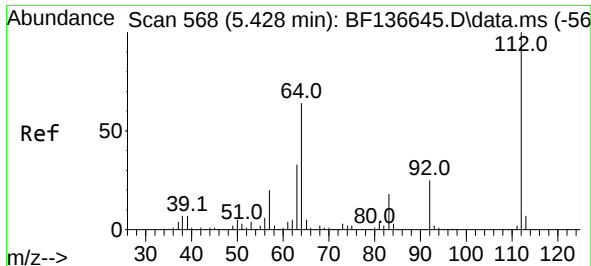
Ion Ratio Lower Upper

42 100

74 117.3 96.0 144.0

44 7.0 5.4 8.2

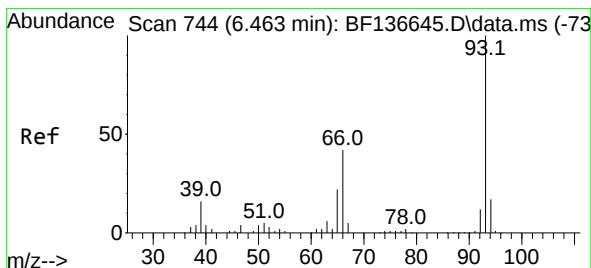
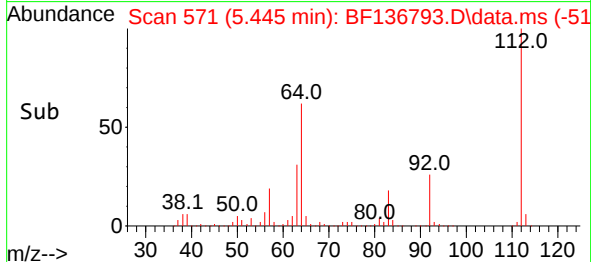
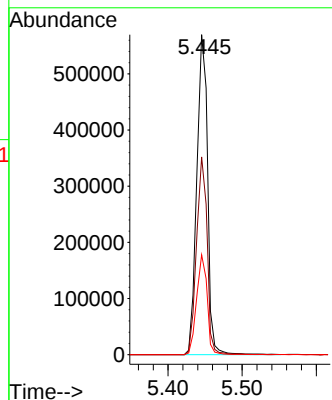
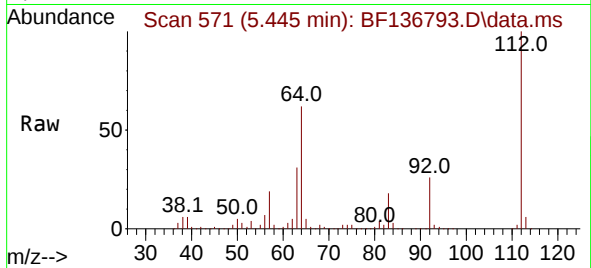




#5
2-Fluorophenol
Concen: 123.134 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

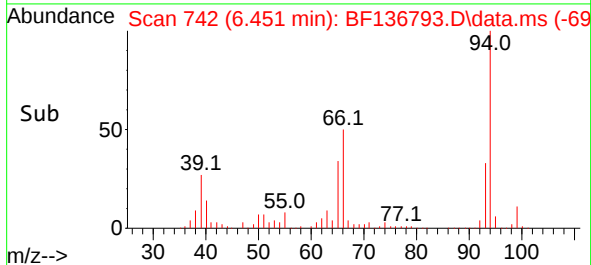
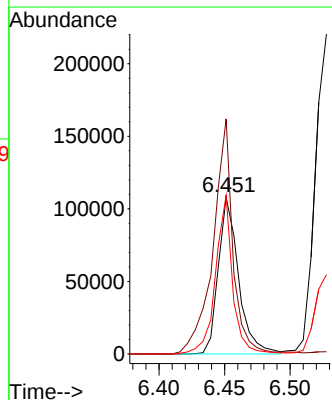
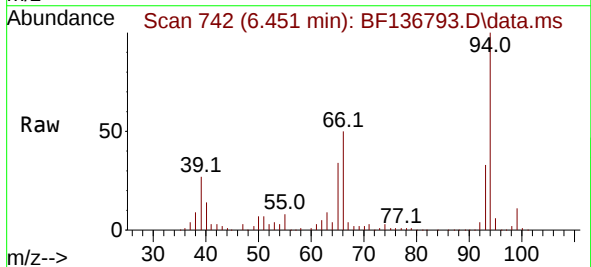
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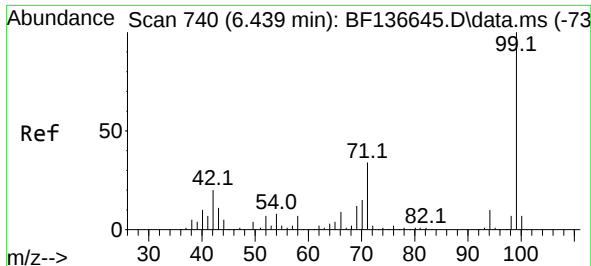
Tgt Ion:112 Resp: 574574
Ion Ratio Lower Upper
112 100
64 61.8 51.1 76.7
63 31.2 26.1 39.1



#6
Aniline
Concen: 19.151 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

Tgt Ion: 93 Resp: 115770
Ion Ratio Lower Upper
93 100
66 149.9 34.6 51.8#
65 101.1 17.8 26.8#

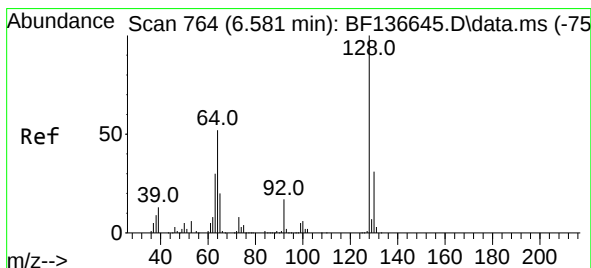
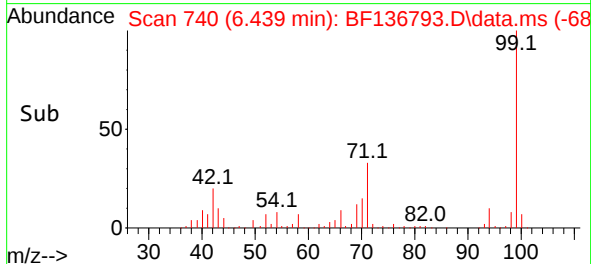
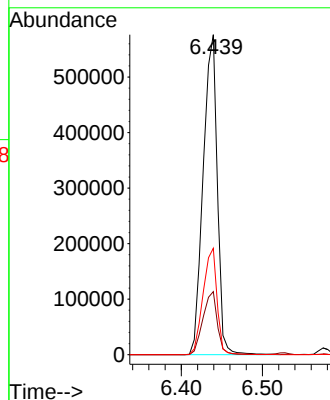
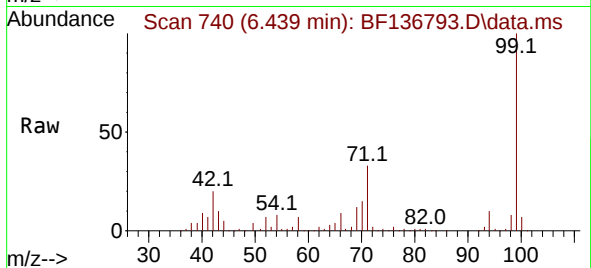




#7
Phenol-d6
Concen: 115.223 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

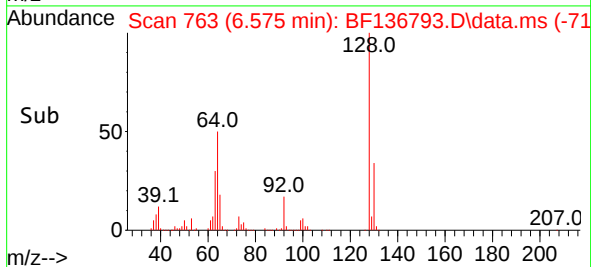
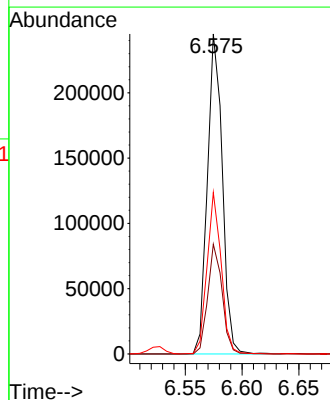
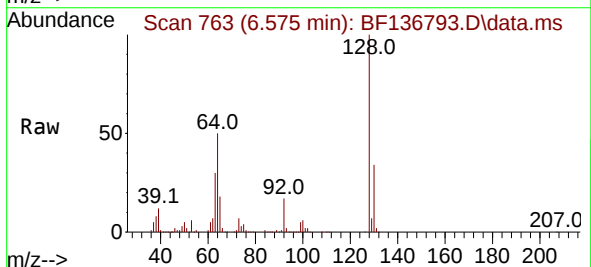
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Tgt Ion: 99 Resp: 696680
Ion Ratio Lower Upper
99 100
42 19.7 16.1 24.1
71 33.3 27.4 41.2



#8
2-Chlorophenol
Concen: 43.759 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

Tgt Ion:128 Resp: 223454
Ion Ratio Lower Upper
128 100
130 34.3 11.3 51.3
64 50.5 32.5 72.5





#9

Benzaldehyde

Concen: 7.463 ng

RT: 6.339 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136793.D

Acq: 28 Dec 2023 14:22

Instrument :

BNA_F

ClientSampleId :

MR-319-0-2MS

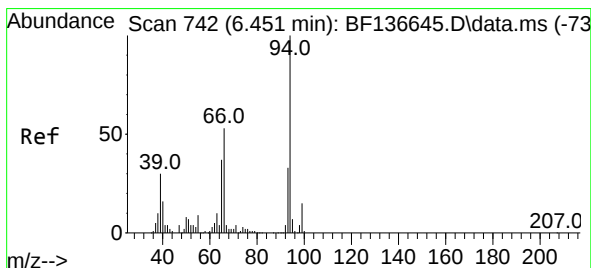
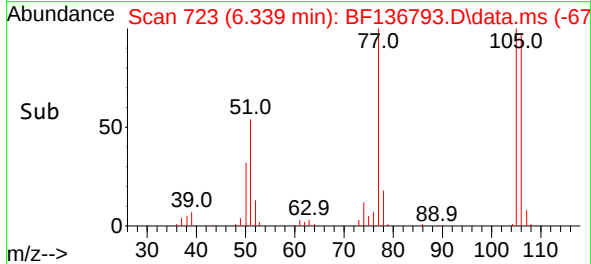
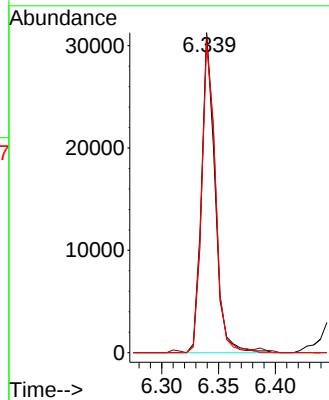
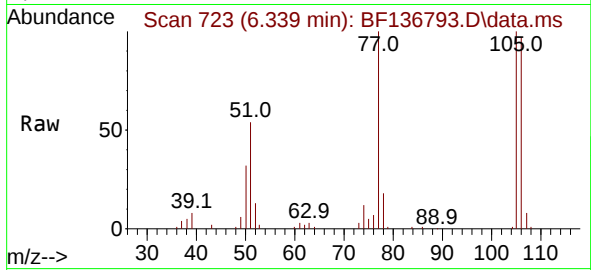
Tgt Ion: 77 Resp: 25666

Ion Ratio Lower Upper

77 100

105 99.6 84.8 124.8

106 96.5 77.8 117.8



#10

Phenol

Concen: 39.504 ng

RT: 6.451 min Scan# 742

Delta R.T. 0.000 min

Lab File: BF136793.D

Acq: 28 Dec 2023 14:22

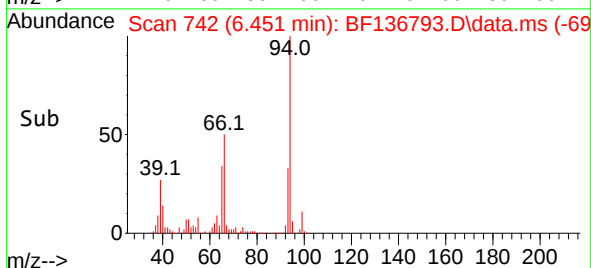
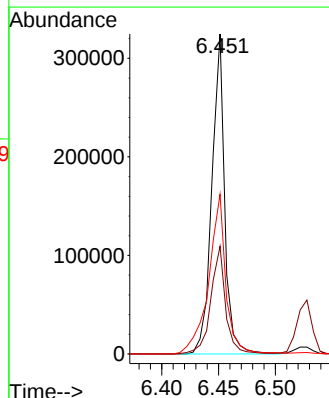
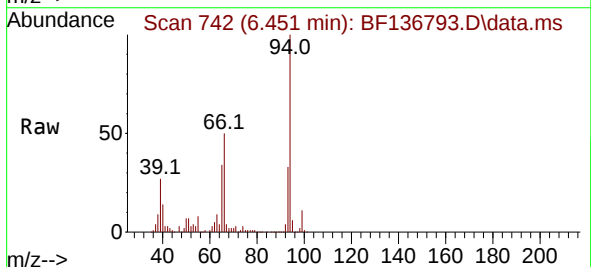
Tgt Ion: 94 Resp: 254977

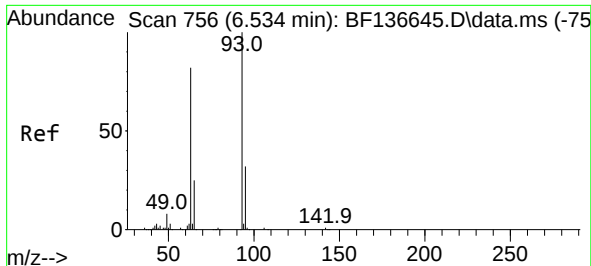
Ion Ratio Lower Upper

94 100

65 33.7 16.6 56.6

66 49.9 32.6 72.6





#11

bis(2-Chloroethyl)ether

Concen: 41.698 ng

RT: 6.528 min Scan# 711

Delta R.T. -0.006 min

Lab File: BF136793.D

Acq: 28 Dec 2023 14:22

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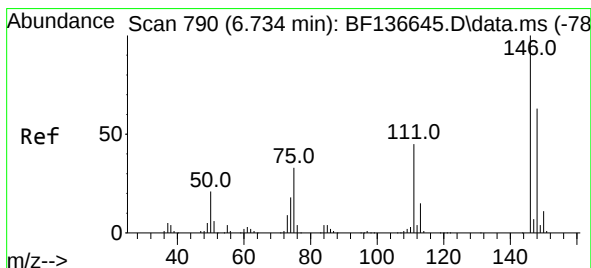
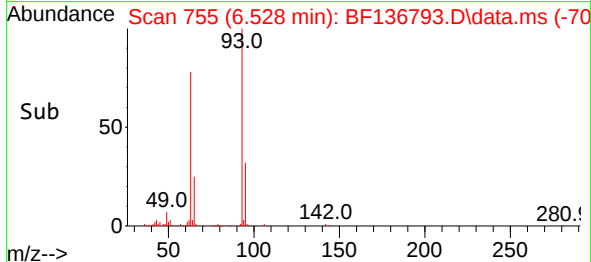
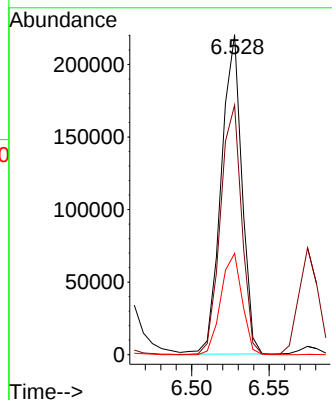
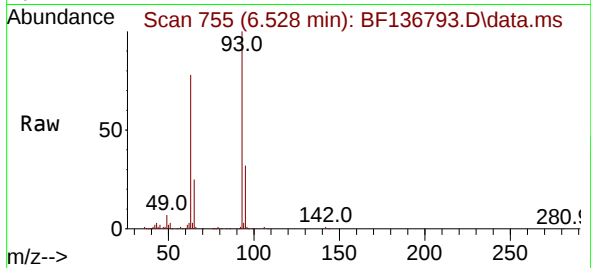
Tgt Ion: 93 Resp: 204677

Ion Ratio Lower Upper

93 100

63 78.0 61.2 101.2

95 31.7 11.6 51.6



#12

1,3-Dichlorobenzene

Concen: 35.373 ng

RT: 6.728 min Scan# 789

Delta R.T. -0.006 min

Lab File: BF136793.D

Acq: 28 Dec 2023 14:22

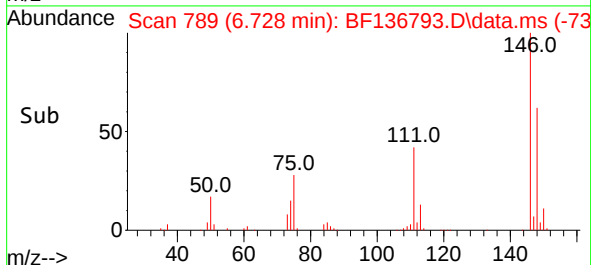
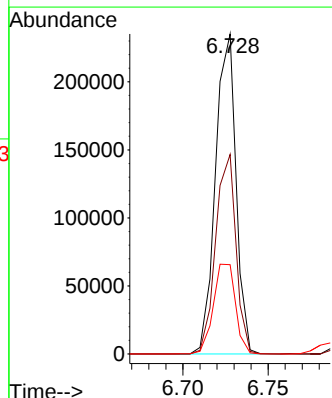
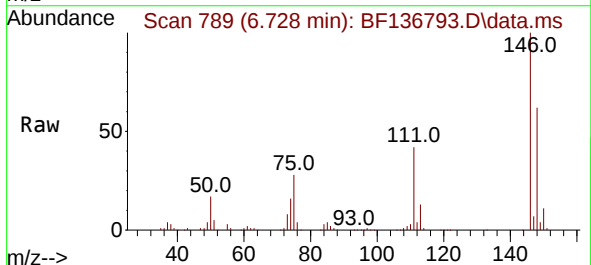
Tgt Ion:146 Resp: 197047

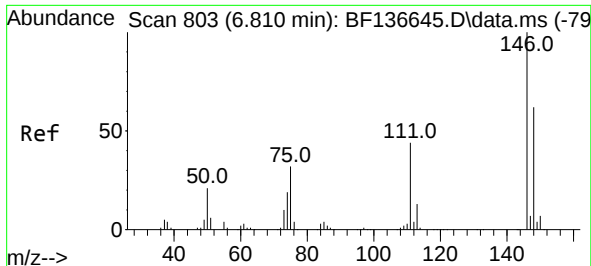
Ion Ratio Lower Upper

146 100

148 62.3 50.5 75.7

75 27.9 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 35.780 ng

RT: 6.804 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF136793.D

Acq: 28 Dec 2023 14:22

Instrument :

BNA_F

ClientSampleId :

MR-319-0-2MS

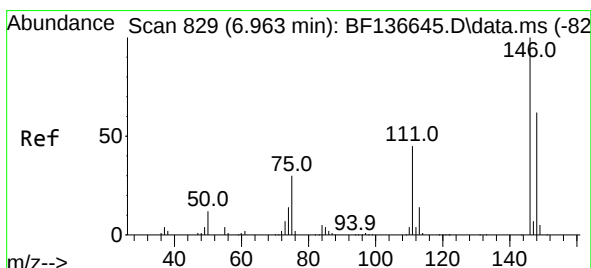
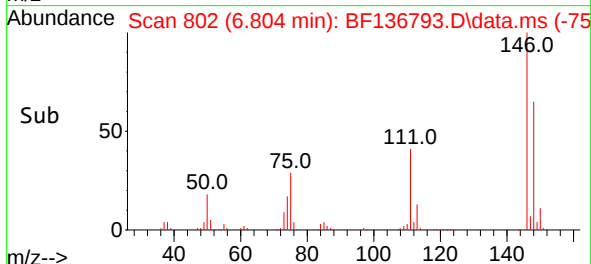
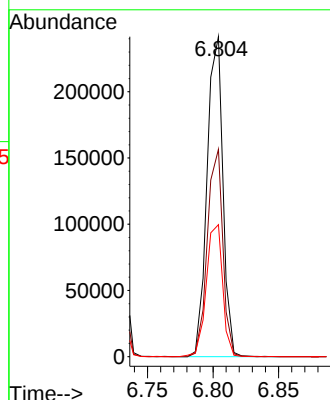
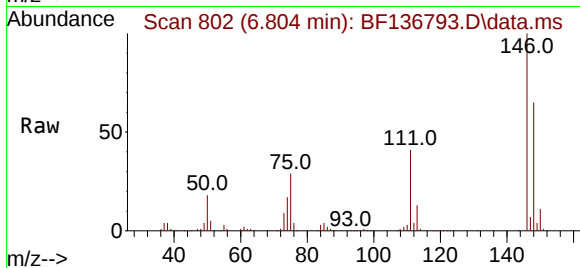
Tgt Ion:146 Resp: 203656

Ion Ratio Lower Upper

146 100

148 64.8 49.2 73.8

111 41.2 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 36.513 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136793.D

Acq: 28 Dec 2023 14:22

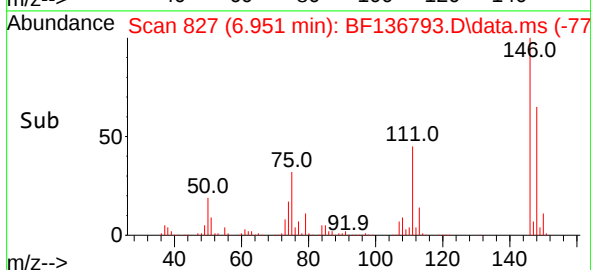
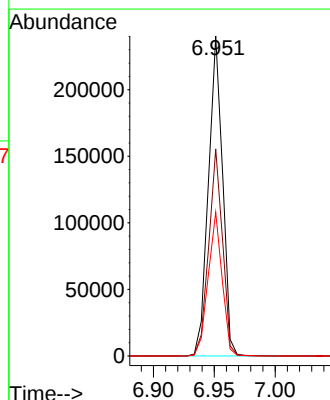
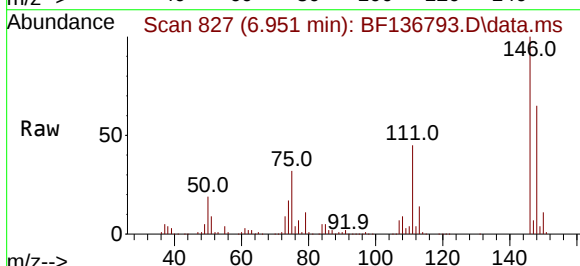
Tgt Ion:146 Resp: 193390

Ion Ratio Lower Upper

146 100

148 64.7 49.6 74.4

111 44.9 36.2 54.2

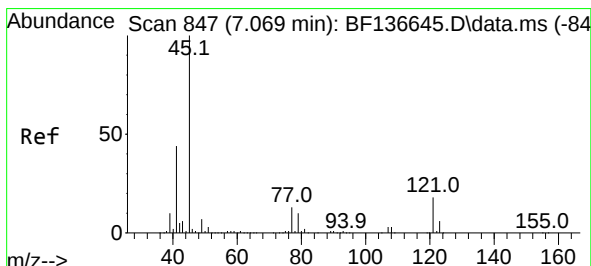
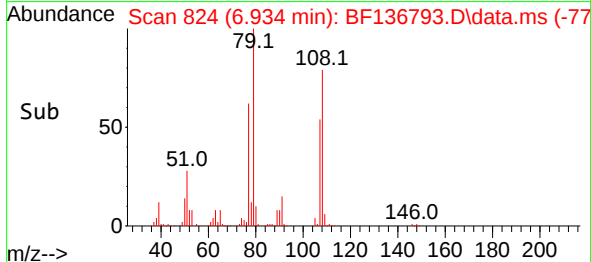
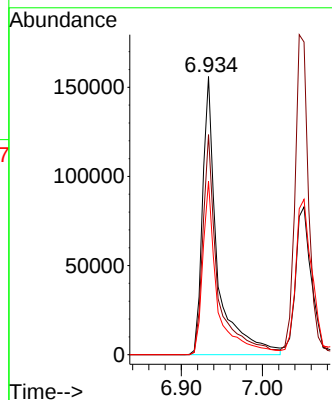
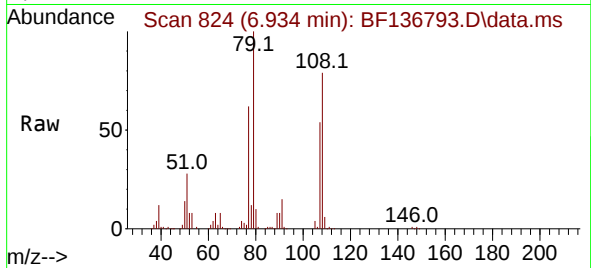




#15
Benzyl Alcohol
Concen: 48.913 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

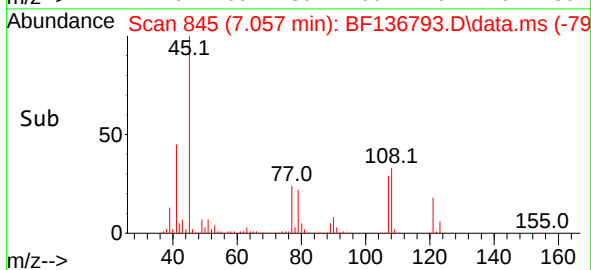
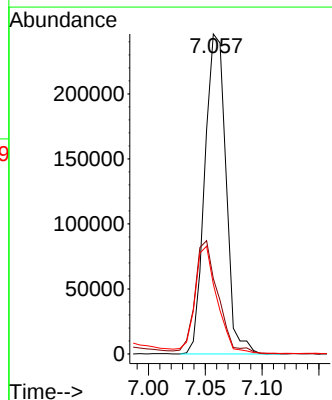
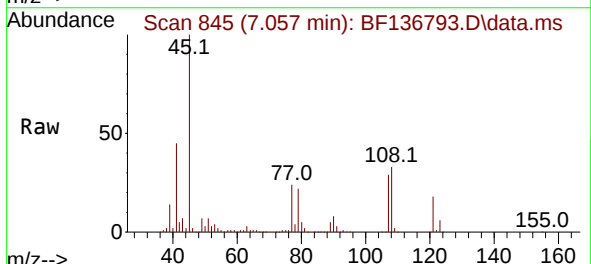
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MS

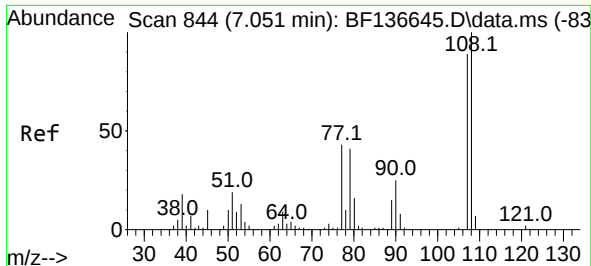
Tgt Ion: 79 Resp: 199521
Ion Ratio Lower Upper
79 100
108 79.1 61.0 91.6
77 62.3 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.655 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

Tgt Ion: 45 Resp: 318241
Ion Ratio Lower Upper
45 100
77 23.5 0.0 34.3
79 21.8 0.0 31.4

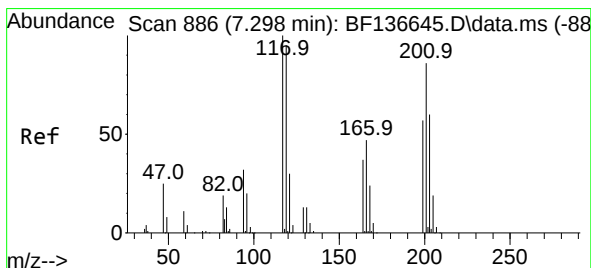
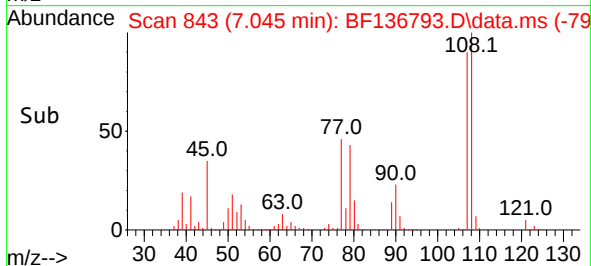
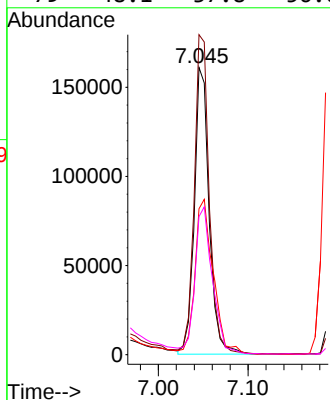
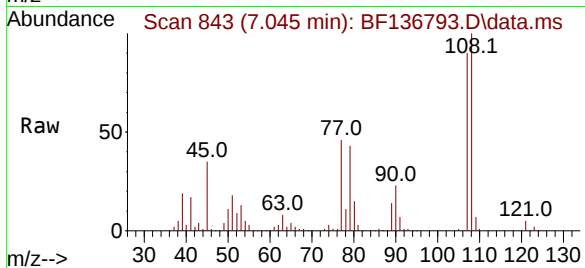




#17
2-Methylphenol
Concen: 43.679 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

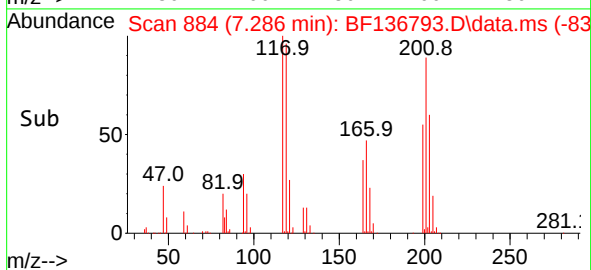
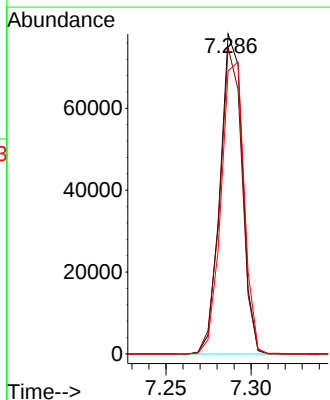
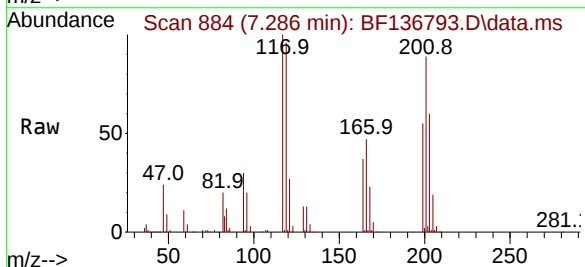
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MS

Tgt Ion:	107	Resp:	184779
Ion	Ratio	Lower	Upper
107	100		
108	111.4	90.3	135.5
77	50.8	38.7	58.1
79	48.1	37.8	56.6



#18
Hexachloroethane
Concen: 34.495 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

Tgt Ion:	117	Resp:	71305
Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.8	113.6
201	88.5	69.1	103.7

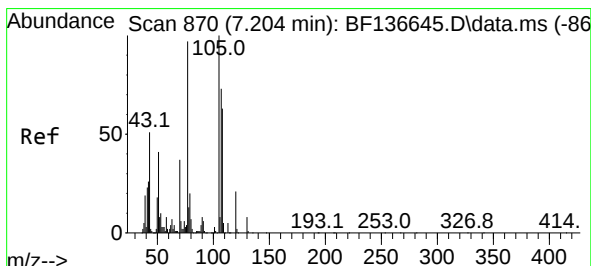
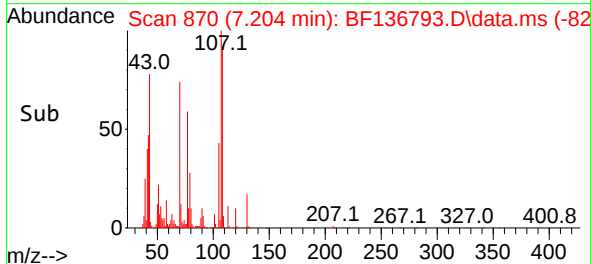
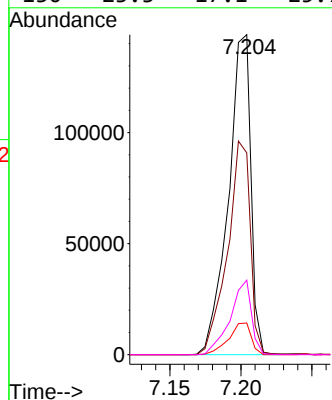
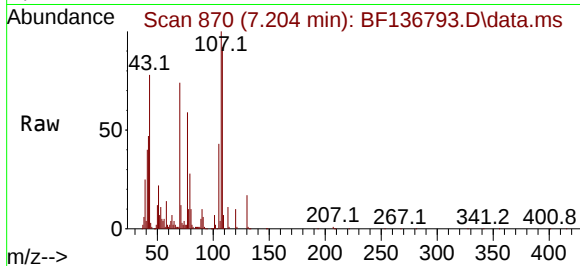




#19
n-Nitroso-di-n-propylamine
Concen: 43.275 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

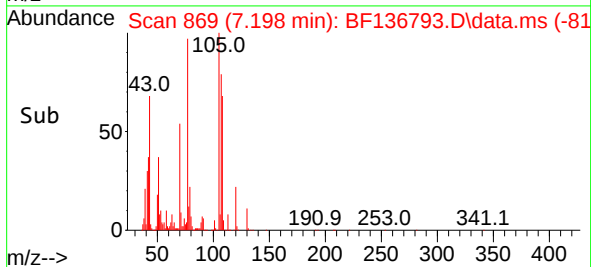
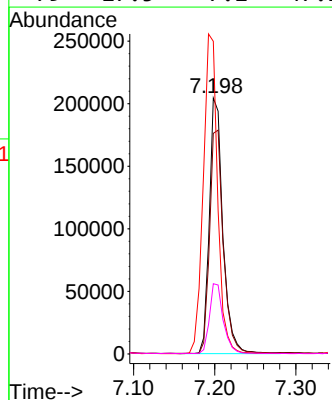
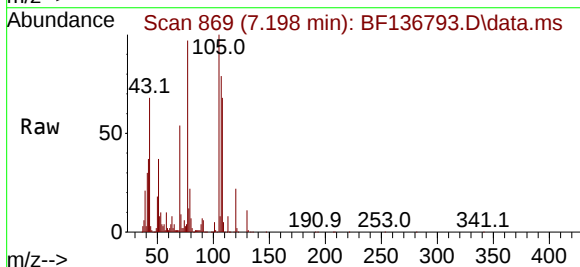
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MS

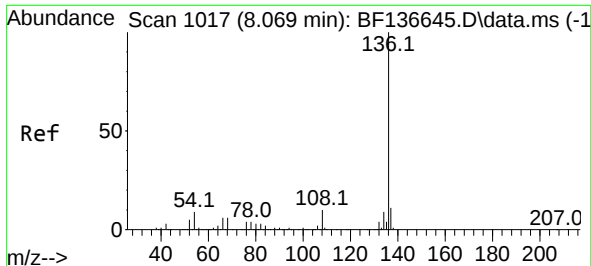
Tgt Ion: 70 Resp: 158615
Ion Ratio Lower Upper
70 100
42 63.0 54.2 81.4
101 9.9 7.6 11.4
130 23.3 17.1 25.7



#20
3+4-Methylphenols
Concen: 44.596 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

Tgt Ion: 107 Resp: 235689
Ion Ratio Lower Upper
107 100
108 86.2 66.0 106.0
77 122.1 114.2 154.2
79 27.5 7.2 47.2

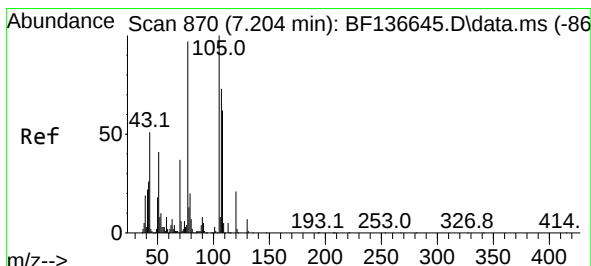
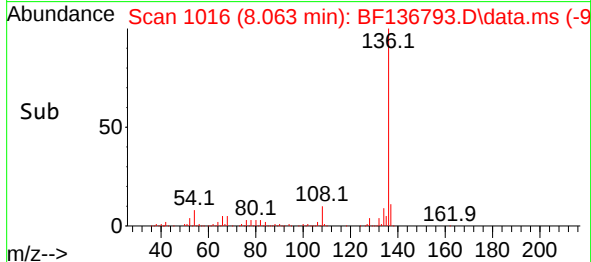
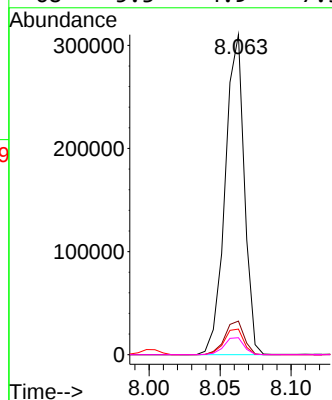
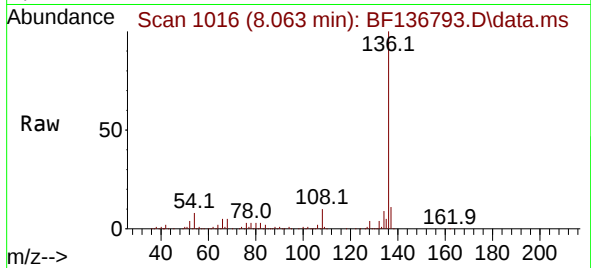




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

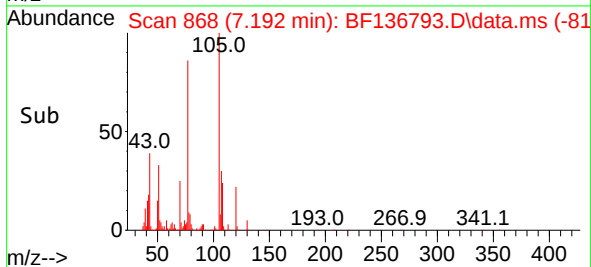
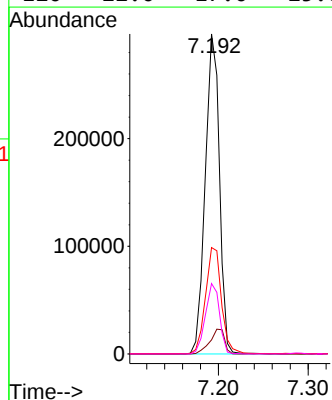
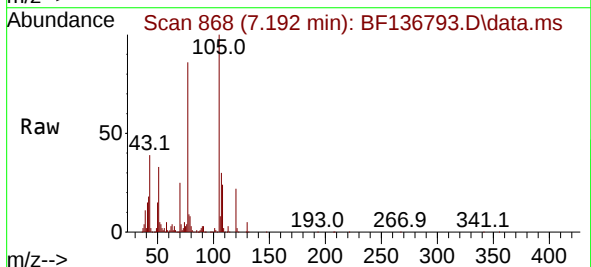
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MS

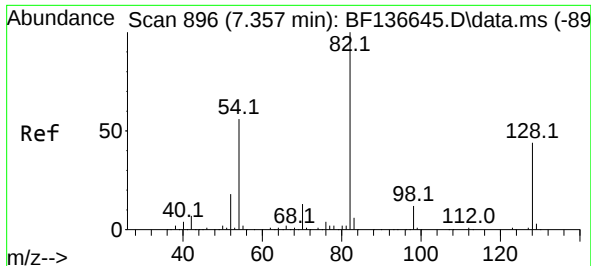
Tgt Ion:136	Resp:	290287	
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	8.0	7.2	10.8
68	5.3	4.9	7.3



#22
Acetophenone
Concen: 44.807 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

Tgt	Ion:105	Resp:	326015
Ion	Ratio	Lower	Upper
105	100		
71	4.4	4.8	7.2#
51	33.3	32.8	49.2
120	22.0	17.0	25.6

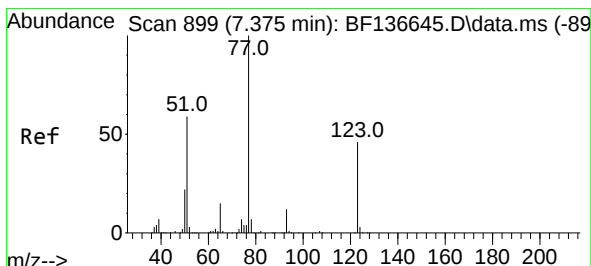
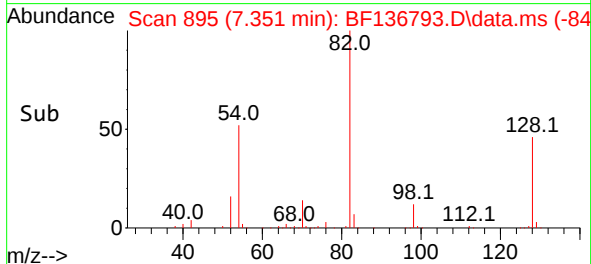
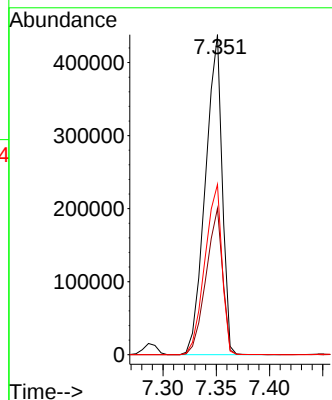
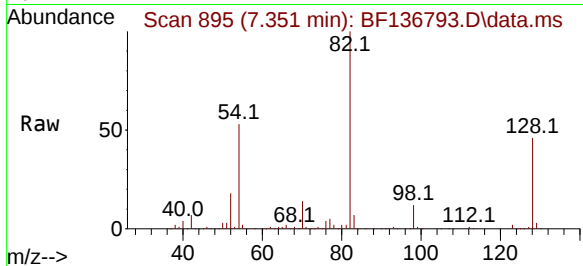




#23
Nitrobenzene-d5
Concen: 84.747 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

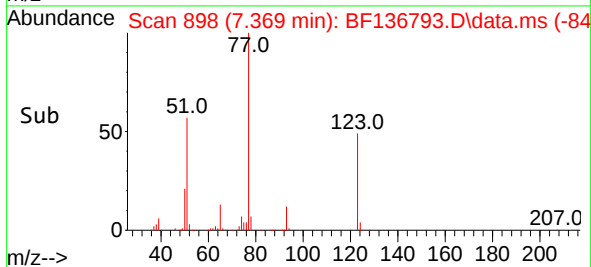
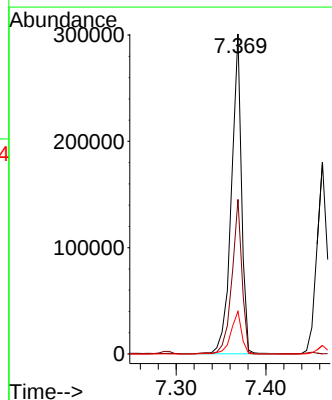
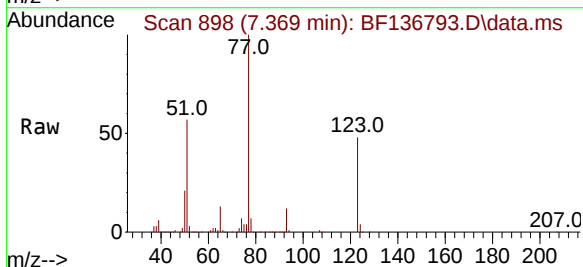
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MS

Tgt Ion: 82 Resp: 480761
Ion Ratio Lower Upper
82 100
128 45.7 35.3 52.9
54 53.2 44.5 66.7



#24
Nitrobenzene
Concen: 41.478 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

Tgt Ion: 77 Resp: 235709
Ion Ratio Lower Upper
77 100
123 48.3 36.7 55.1
65 13.3 11.8 17.6

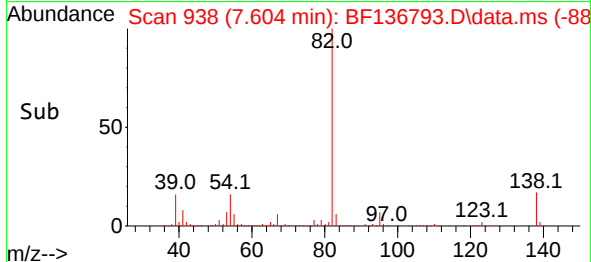
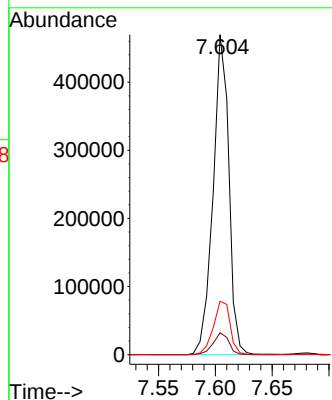
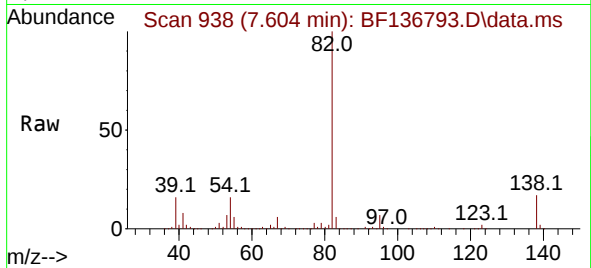




#25
Isophorone
Concen: 44.058 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

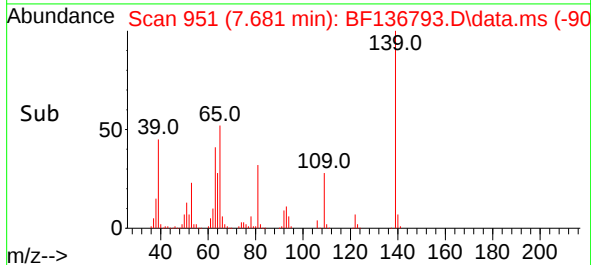
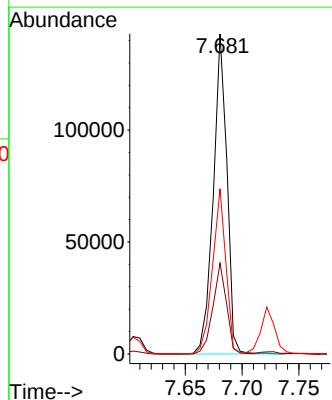
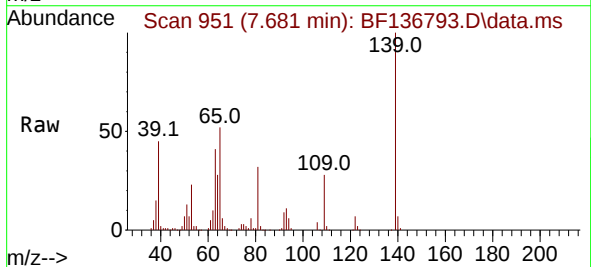
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MS

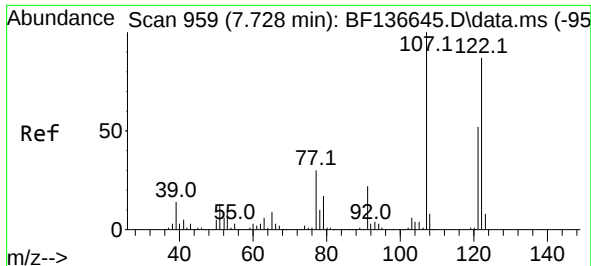
Tgt Ion: 82 Resp: 454785
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 16.7 14.5 21.7



#26
2-Nitrophenol
Concen: 43.786 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

Tgt Ion:139 Resp: 119049
Ion Ratio Lower Upper
139 100
109 28.3 21.9 32.9
65 51.7 38.6 58.0

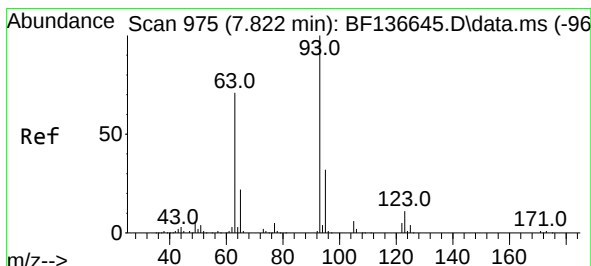
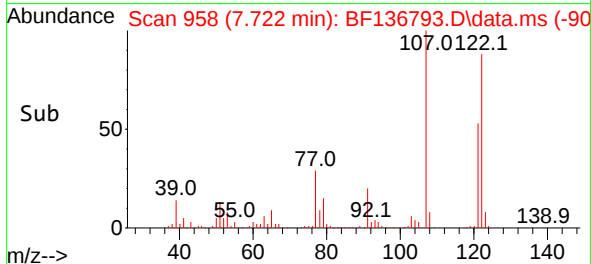
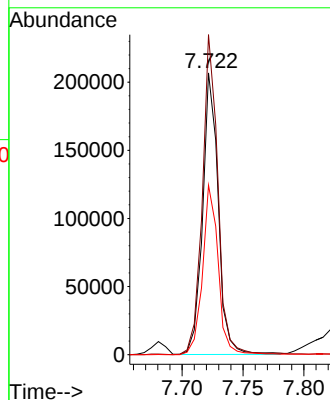
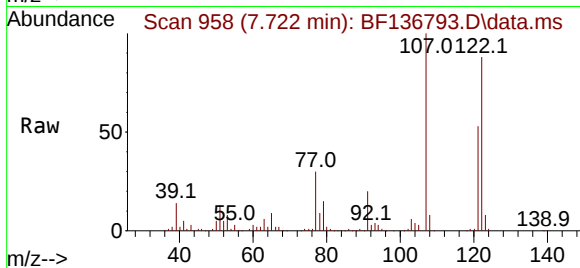




#27
2,4-Dimethylphenol
Concen: 55.862 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

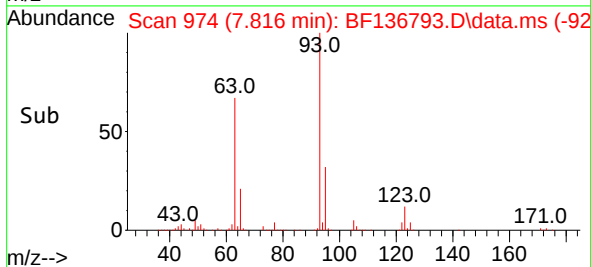
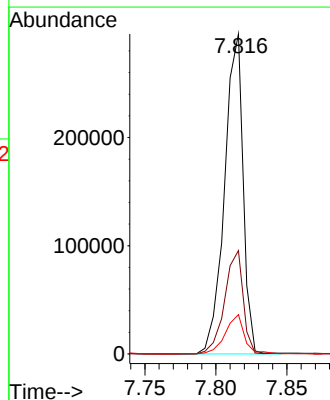
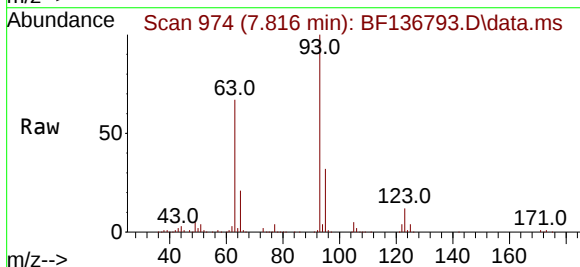
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MS

Tgt Ion:122 Resp: 184906
Ion Ratio Lower Upper
122 100
107 113.6 92.0 138.0
121 60.1 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 42.842 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

Tgt Ion: 93 Resp: 268810
Ion Ratio Lower Upper
93 100
95 32.3 25.5 38.3
123 12.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 45.733 ng

RT: 7.928 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136793.D

Acq: 28 Dec 2023 14:22

Instrument :

BNA_F

ClientSampleId :

MR-319-0-2MS

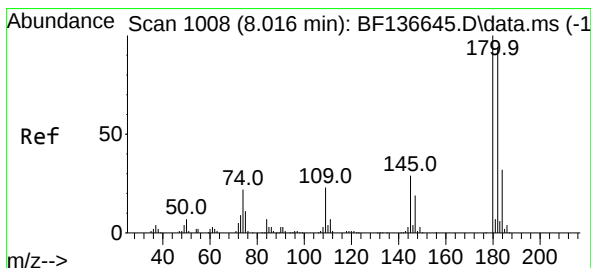
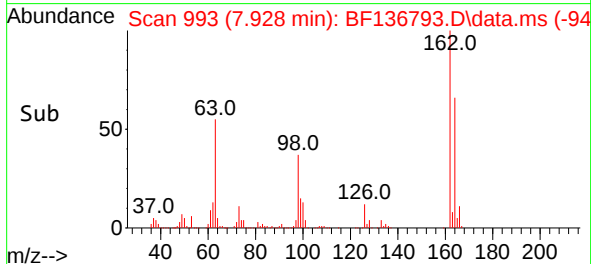
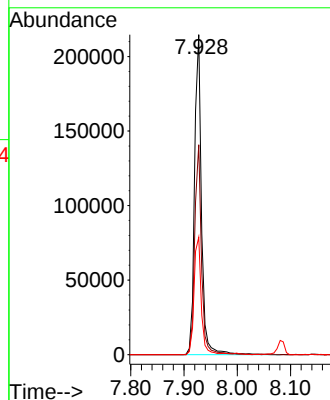
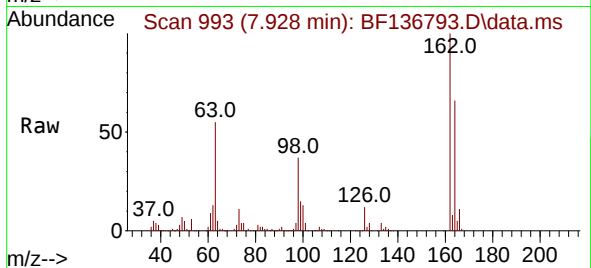
Tgt Ion:162 Resp: 194888

Ion Ratio Lower Upper

162 100

164 65.6 41.7 81.7

98 36.7 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 39.112 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF136793.D

Acq: 28 Dec 2023 14:22

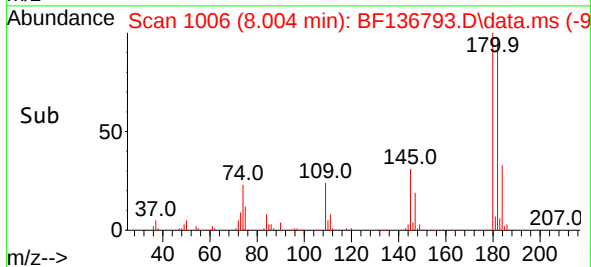
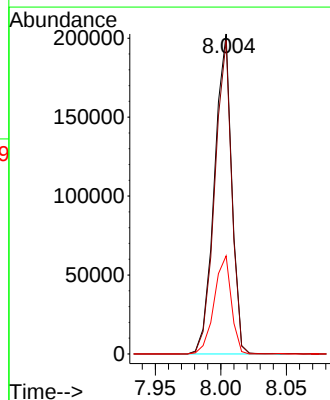
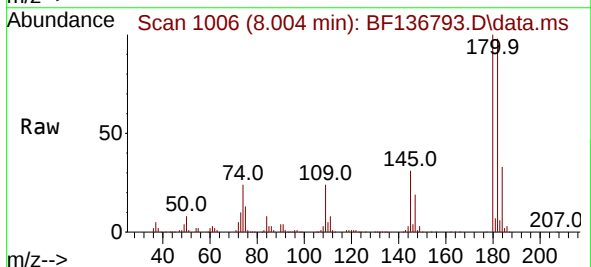
Tgt Ion:180 Resp: 185704

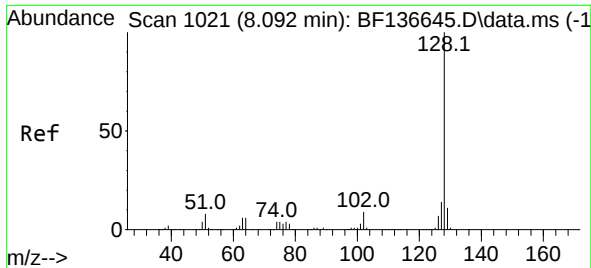
Ion Ratio Lower Upper

180 100

182 98.0 75.4 113.0

145 30.6 23.1 34.7

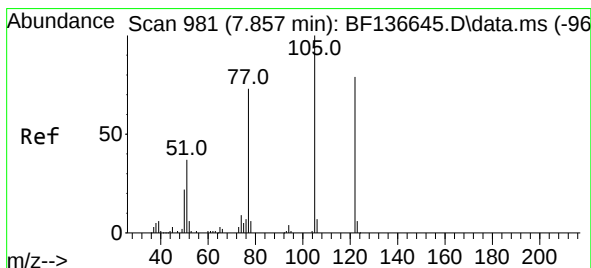
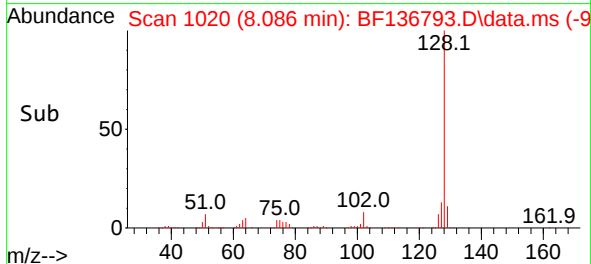
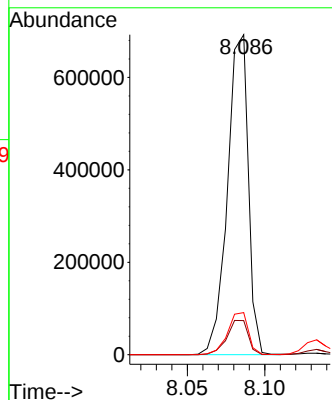
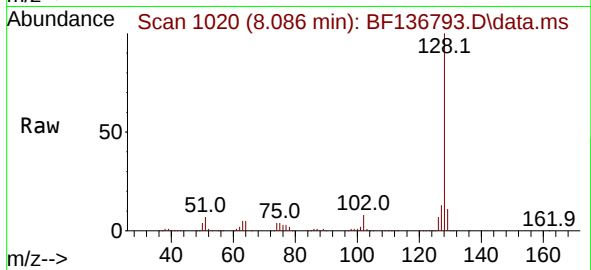




#31
Naphthalene
Concen: 40.714 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

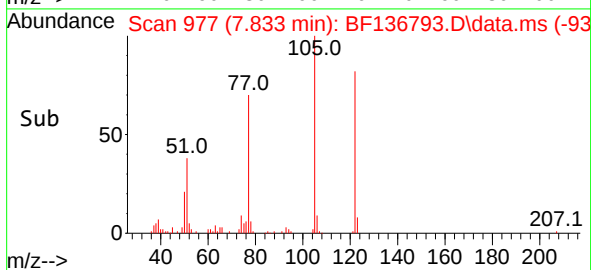
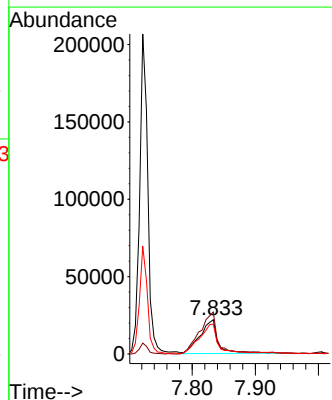
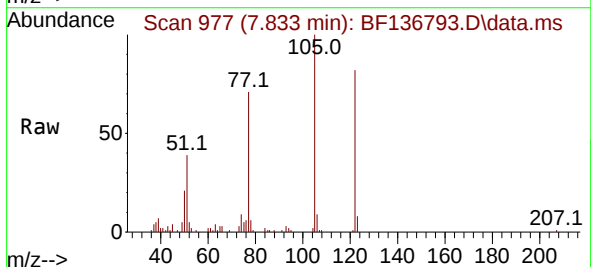
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MS

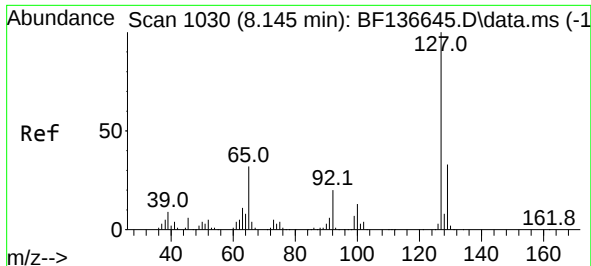
Tgt Ion:128 Resp: 649287
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 13.609 ng
RT: 7.833 min Scan# 977
Delta R.T. -0.024 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

Tgt Ion:122 Resp: 43587
Ion Ratio Lower Upper
122 100
105 122.4 100.8 140.8
77 87.2 70.9 110.9

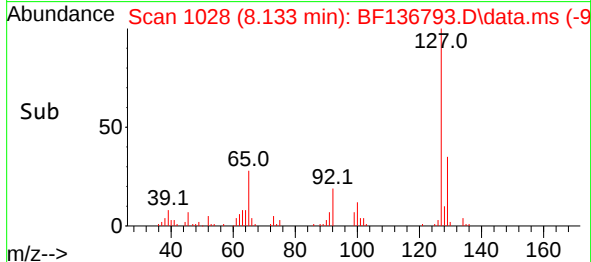
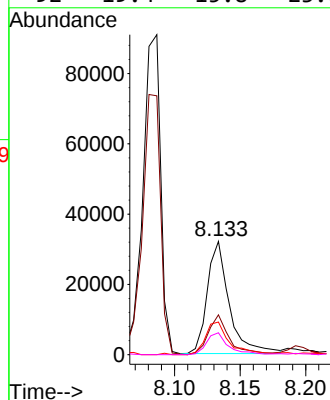
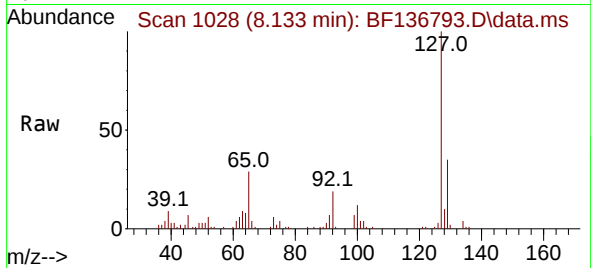




#33
4-Chloroaniline
Concen: 6.322 ng
RT: 8.133 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

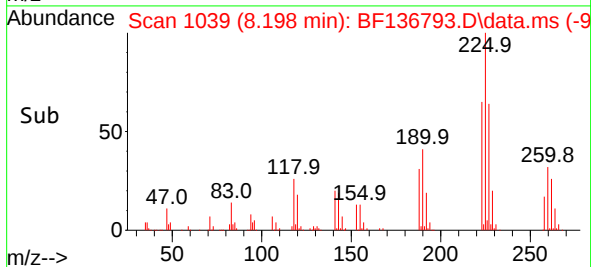
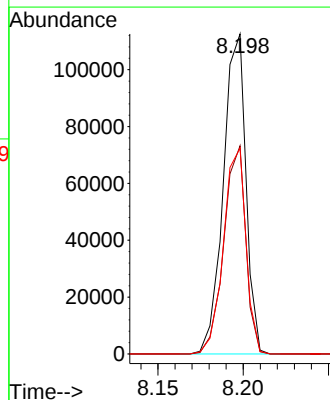
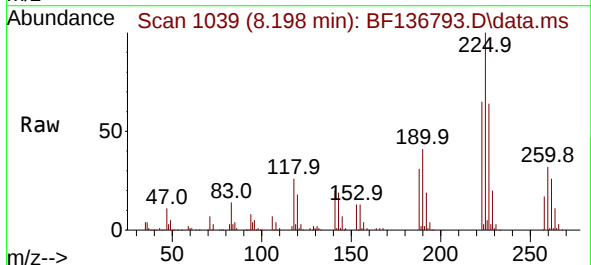
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MS

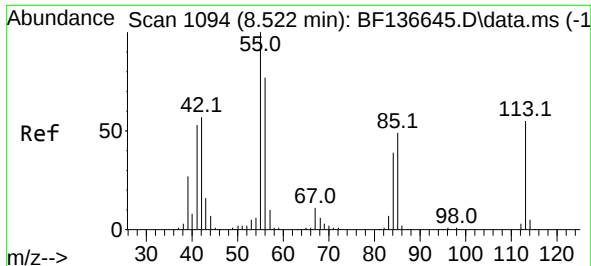
Tgt Ion:127	Resp:	37224
Ion	Ratio	Lower Upper
127	100	
129	35.1	26.3 39.5
65	28.8	25.8 38.8
92	19.4	15.8 23.6



#34
Hexachlorobutadiene
Concen: 35.975 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

Tgt Ion:225	Resp:	103778
Ion	Ratio	Lower Upper
225	100	
223	65.0	50.6 76.0
227	64.3	51.9 77.9

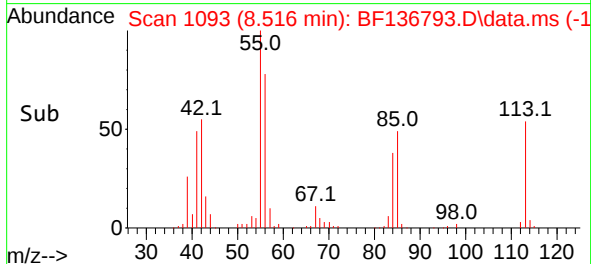
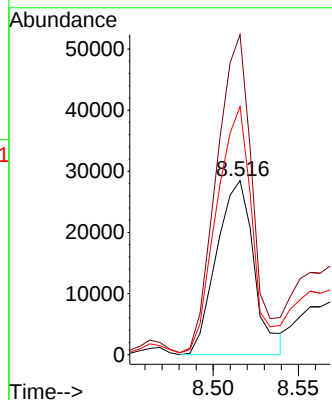
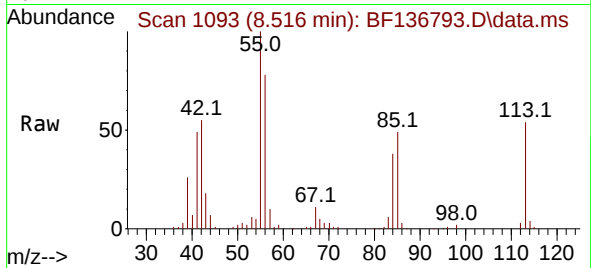




#35
 Caprolactam
 Concen: 30.960 ng
 RT: 8.516 min Scan# 1093
 Delta R.T. -0.006 min
 Lab File: BF136793.D
 Acq: 28 Dec 2023 14:22

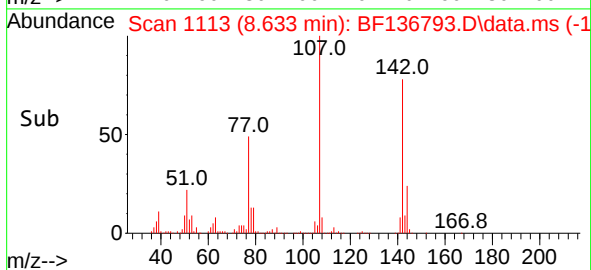
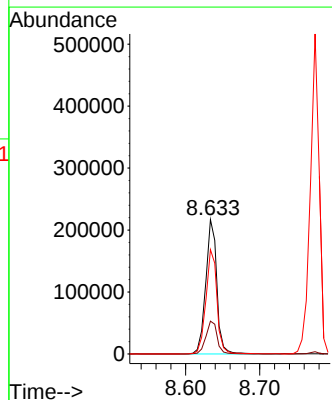
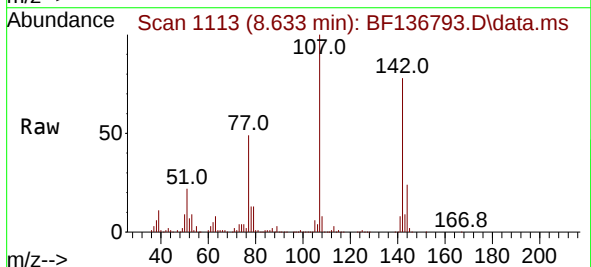
Instrument :
 BNA_F
 ClientSampleId :
 MR-319-0-2MS

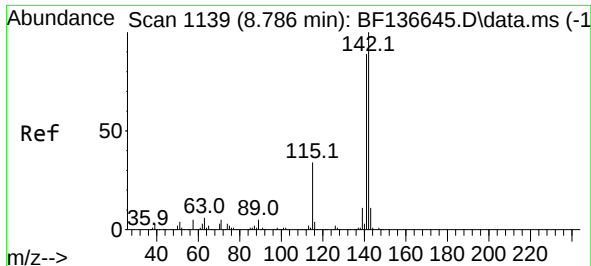
Tgt Ion:113 Resp: 43524
 Ion Ratio Lower Upper
 113 100
 55 183.7 163.1 203.1
 56 142.5 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 47.093 ng
 RT: 8.633 min Scan# 1113
 Delta R.T. 0.000 min
 Lab File: BF136793.D
 Acq: 28 Dec 2023 14:22

Tgt Ion:107 Resp: 225924
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.2 30.2
 142 77.6 62.3 93.5





#37

2-Methylnaphthalene

Concen: 42.225 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136793.D

Acq: 28 Dec 2023 14:22

Instrument :

BNA_F

ClientSampleId :

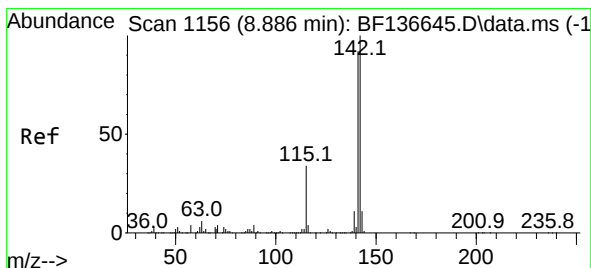
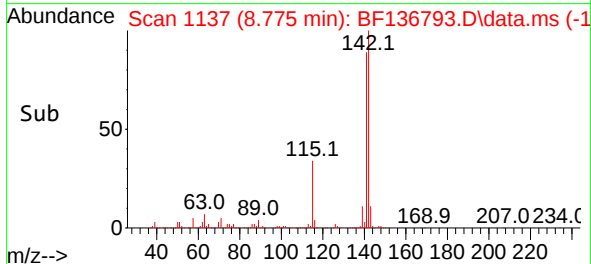
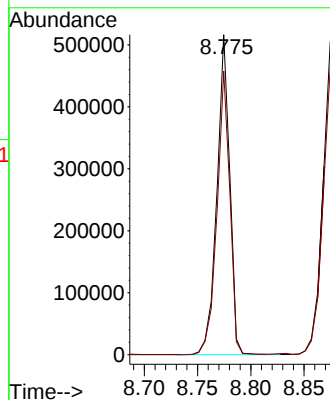
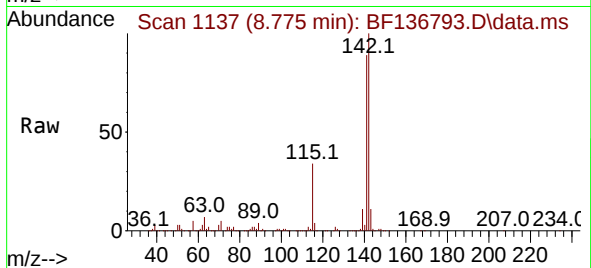
MR-319-0-2MS

Tgt Ion:142 Resp: 433368

Ion Ratio Lower Upper

142 100

141 88.7 71.1 106.7



#38

1-Methylnaphthalene

Concen: 41.697 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136793.D

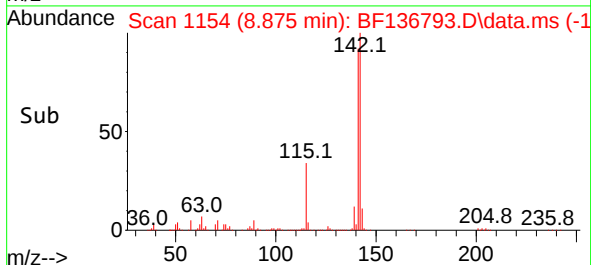
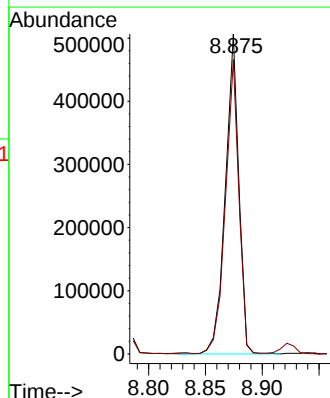
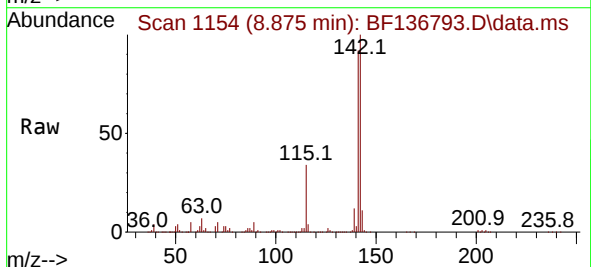
Acq: 28 Dec 2023 14:22

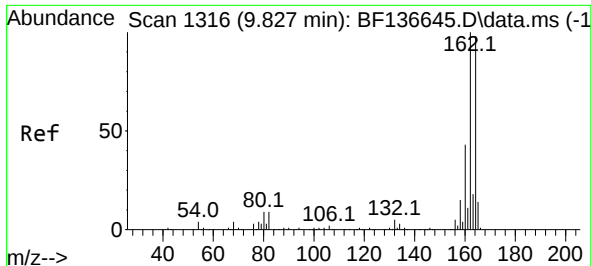
Tgt Ion:142 Resp: 419862

Ion Ratio Lower Upper

142 100

141 92.0 73.6 110.4

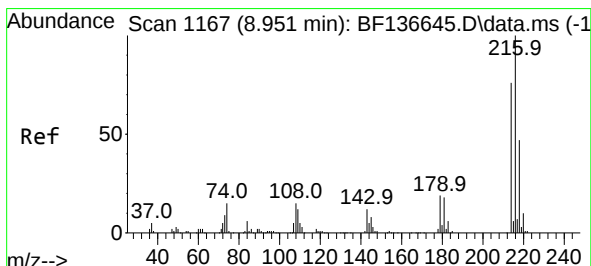
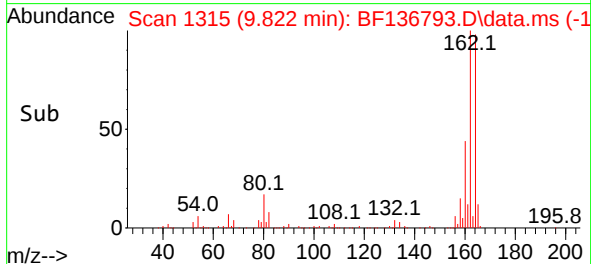
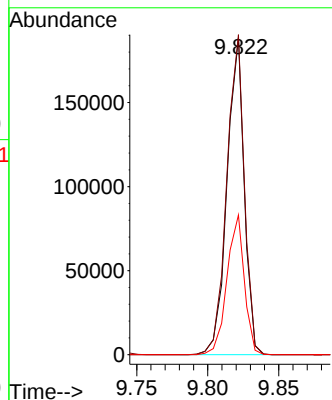
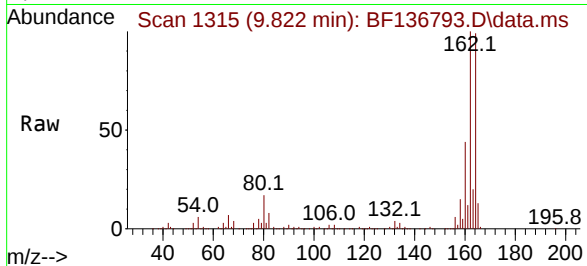




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

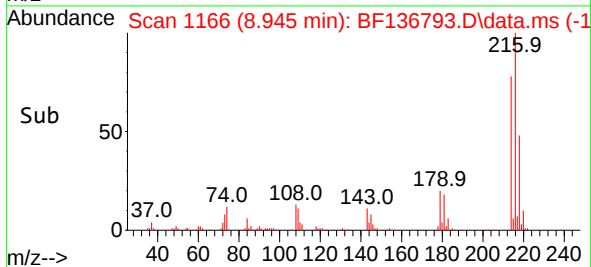
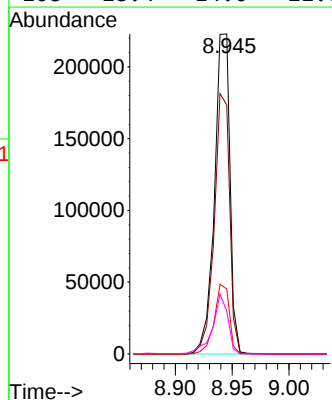
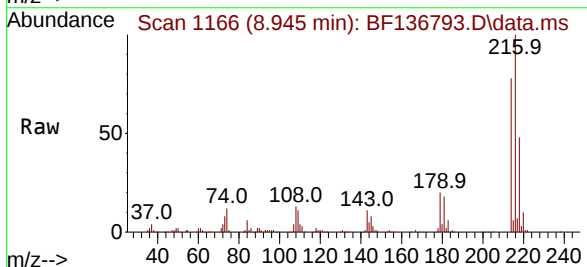
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MS

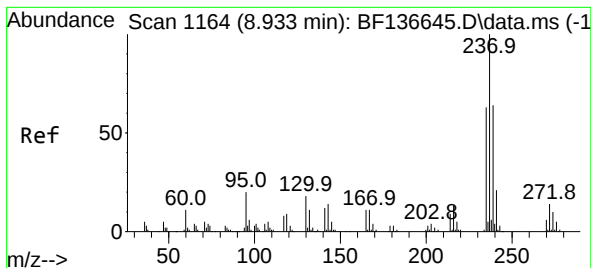
Tgt Ion:164 Resp: 158710
Ion Ratio Lower Upper
164 100
162 101.0 81.6 122.4
160 44.1 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.135 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

Tgt Ion:216 Resp: 212018
Ion Ratio Lower Upper
216 100
214 80.4 62.3 93.5
179 21.1 16.4 24.6
108 18.4 14.0 21.0





#41

Hexachlorocyclopentadiene

Concen: 71.345 ng

RT: 8.922 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF136793.D

Acq: 28 Dec 2023 14:22

Instrument :

BNA_F

ClientSampleId :

MR-319-0-2MS

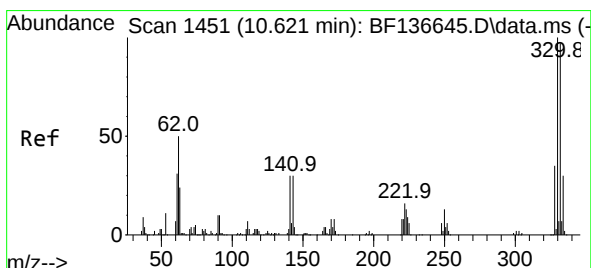
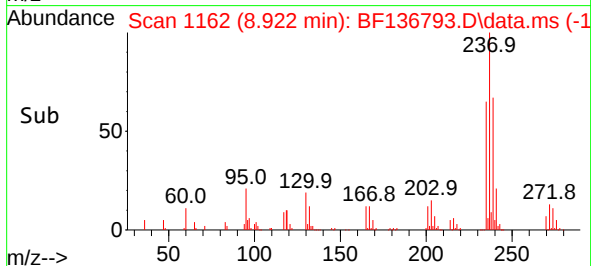
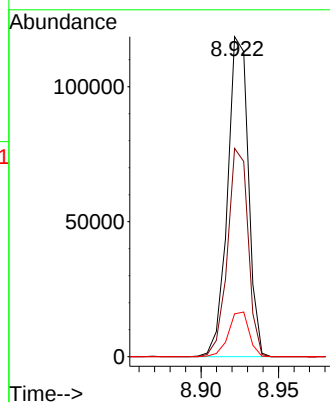
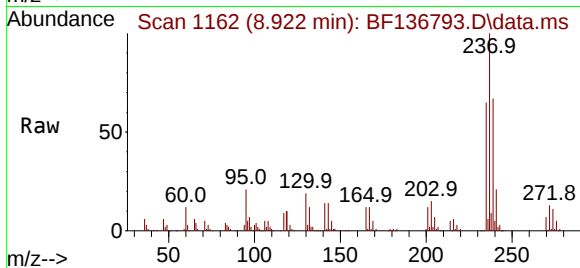
Tgt Ion:237 Resp: 110925

Ion Ratio Lower Upper

237 100

235 65.1 43.2 83.2

272 13.4 0.0 34.2



#42

2,4,6-Tribromophenol

Concen: 132.305 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF136793.D

Acq: 28 Dec 2023 14:22

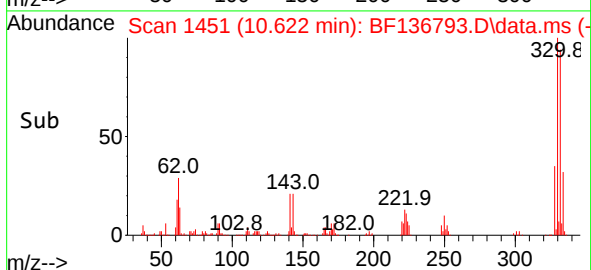
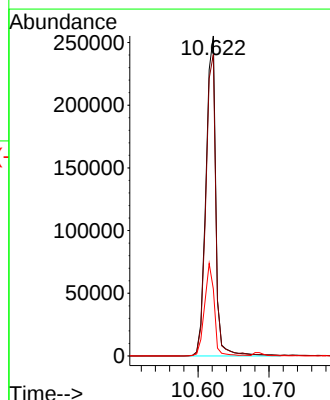
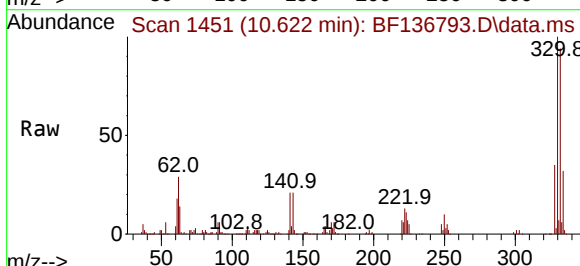
Tgt Ion:330 Resp: 247300

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.0

141 28.5 23.4 35.2

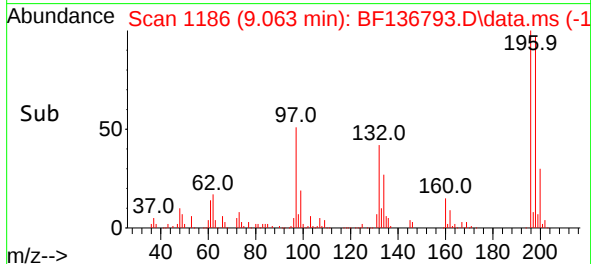
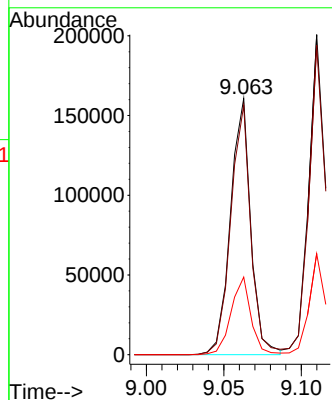
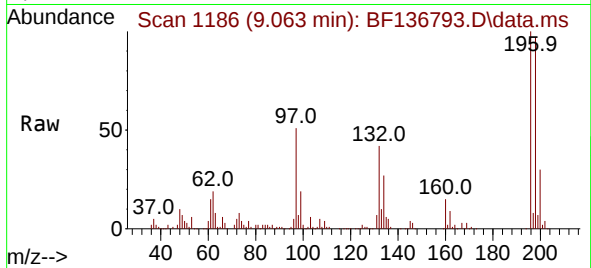




#43
2,4,6-Trichlorophenol
Concen: 46.372 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

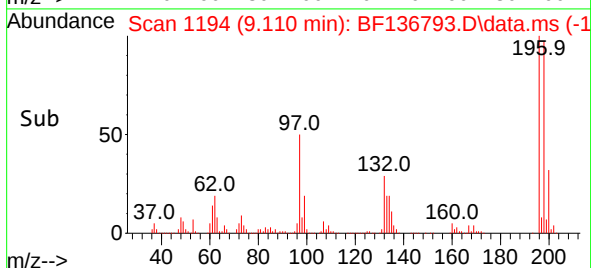
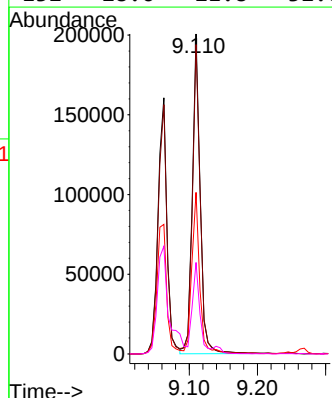
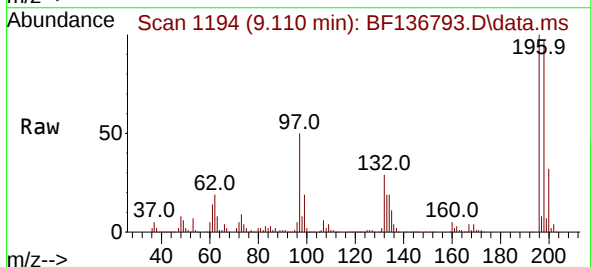
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MS

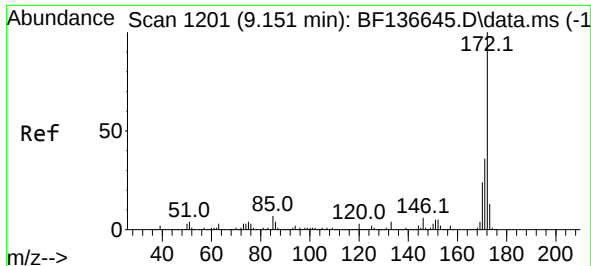
Tgt Ion:196 Resp: 146175
Ion Ratio Lower Upper
196 100
198 97.3 75.1 112.7
200 30.3 22.5 33.7



#44
2,4,5-Trichlorophenol
Concen: 45.198 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

Tgt Ion:196 Resp: 158767
Ion Ratio Lower Upper
196 100
198 96.7 77.0 115.6
97 50.5 36.1 54.1
132 28.6 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 83.593 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136793.D

Acq: 28 Dec 2023 14:22

Instrument :

BNA_F

ClientSampleId :

MR-319-0-2MS

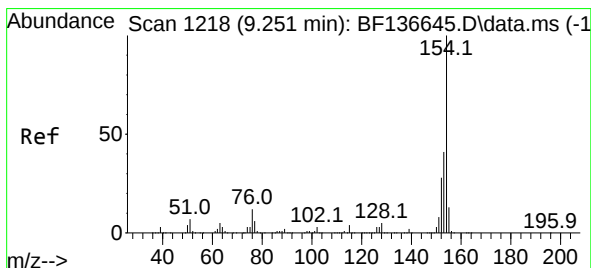
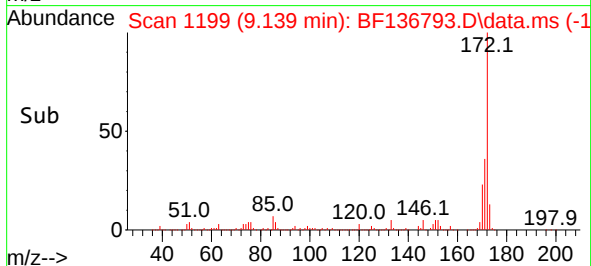
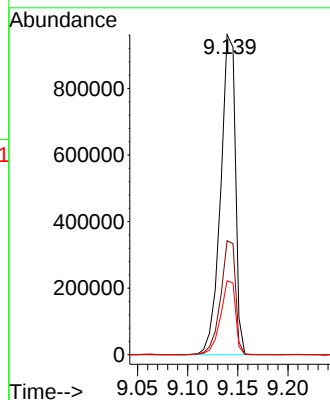
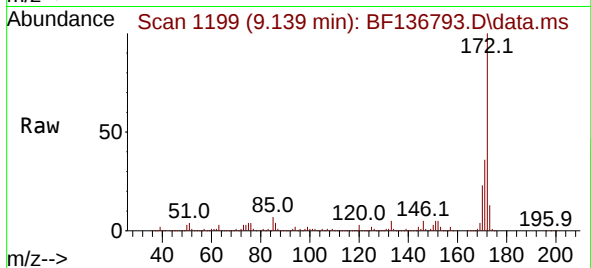
Tgt Ion:172 Resp: 986403

Ion Ratio Lower Upper

172 100

171 35.6 29.0 43.6

170 23.1 19.0 28.4



#46

1,1'-Biphenyl

Concen: 44.606 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF136793.D

Acq: 28 Dec 2023 14:22

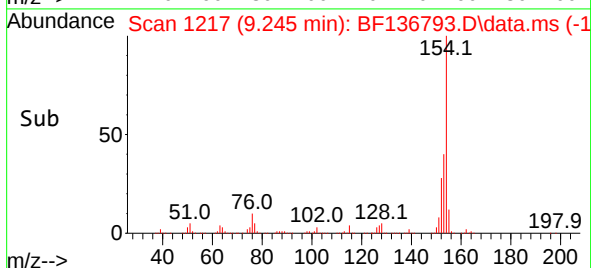
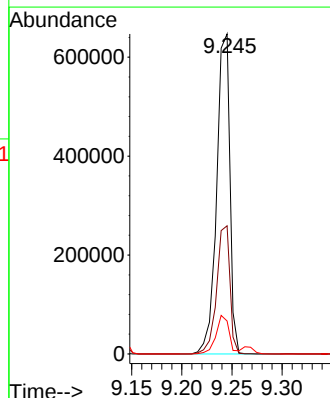
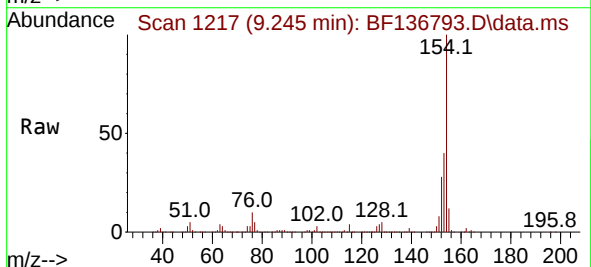
Tgt Ion:154 Resp: 594066

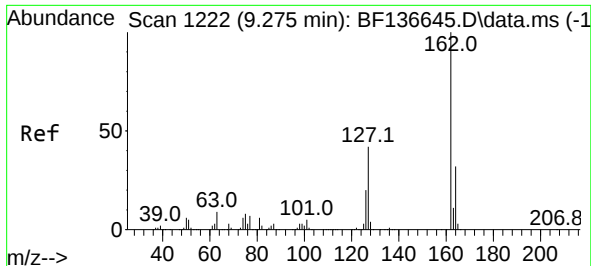
Ion Ratio Lower Upper

154 100

153 40.1 21.1 61.1

76 10.3 0.0 31.7





#47

2-Chloronaphthalene

Concen: 42.377 ng

RT: 9.269 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136793.D

Acq: 28 Dec 2023 14:22

Instrument :

BNA_F

ClientSampleId :

MR-319-0-2MS

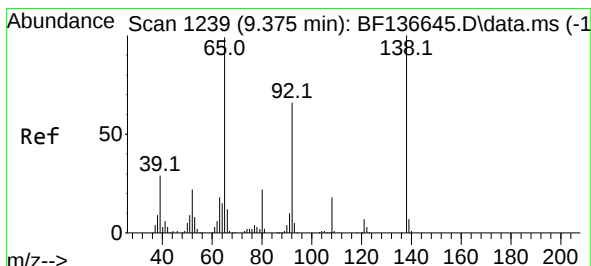
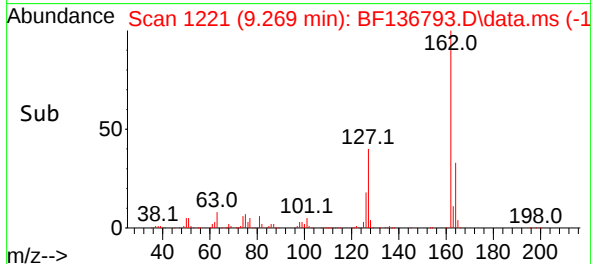
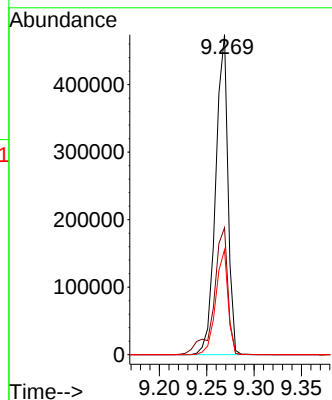
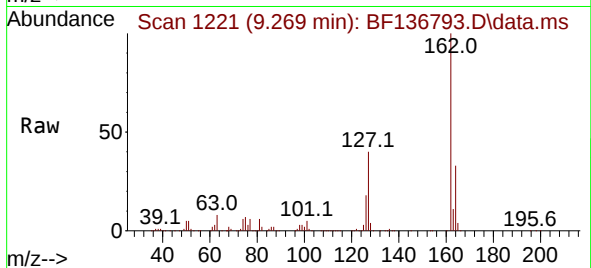
Tgt Ion:162 Resp: 429054

Ion Ratio Lower Upper

162 100

127 39.6 33.6 50.4

164 32.7 25.7 38.5



#48

2-Nitroaniline

Concen: 47.259 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF136793.D

Acq: 28 Dec 2023 14:22

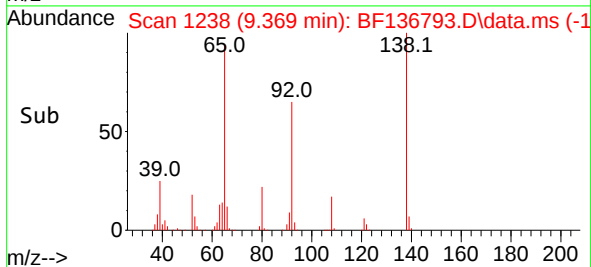
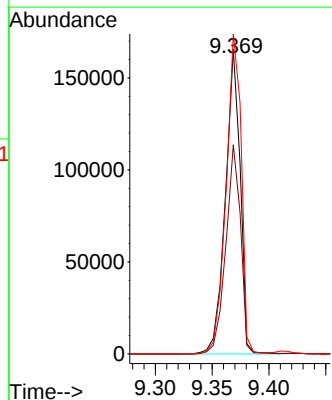
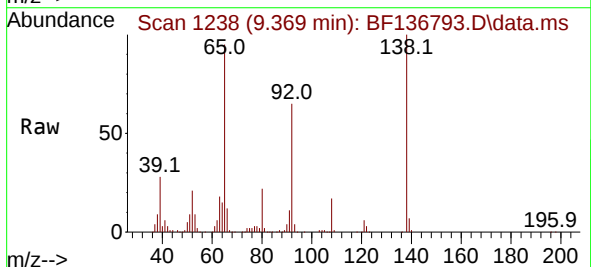
Tgt Ion: 65 Resp: 149837

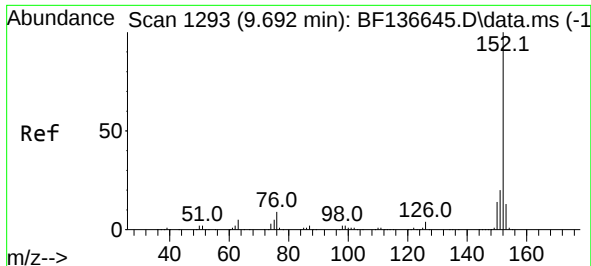
Ion Ratio Lower Upper

65 100

92 68.8 53.2 79.8

138 105.1 81.1 121.7





#49

Acenaphthylene

Concen: 47.603 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF136793.D

Acq: 28 Dec 2023 14:22

Instrument :

BNA_F

ClientSampleId :

MR-319-0-2MS

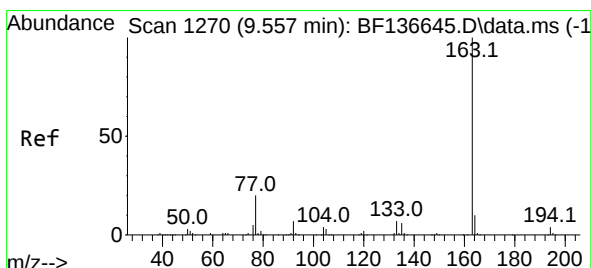
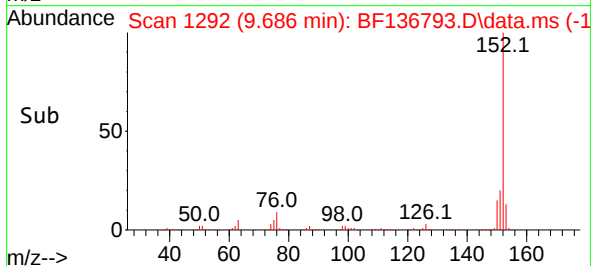
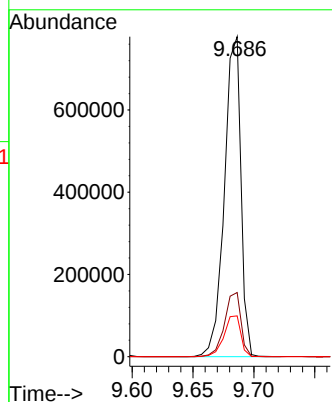
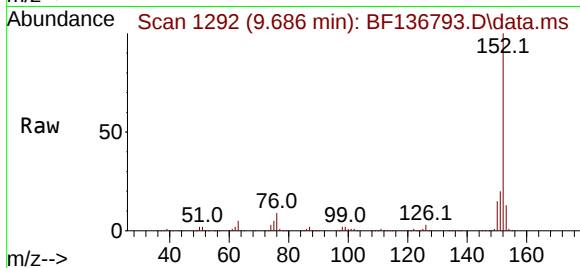
Tgt Ion:152 Resp: 736681

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

153 12.8 10.2 15.2



#50

Dimethylphthalate

Concen: 46.247 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BF136793.D

Acq: 28 Dec 2023 14:22

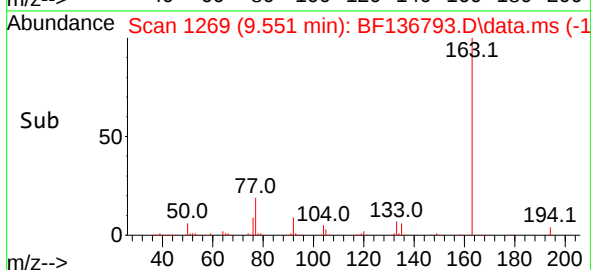
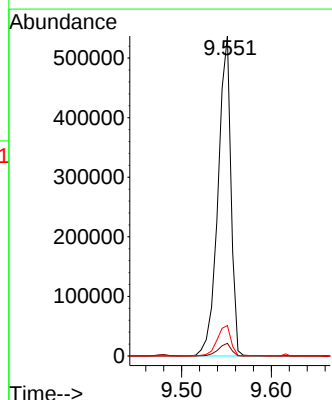
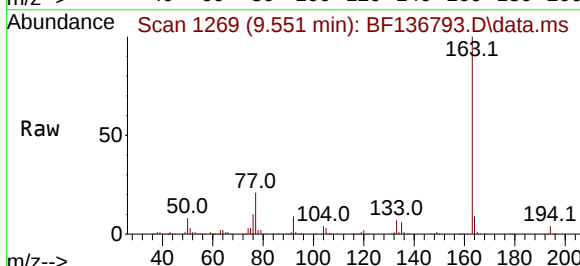
Tgt Ion:163 Resp: 536123

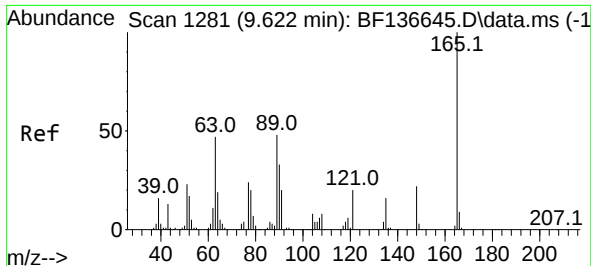
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 9.5 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 45.896 ng

RT: 9.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136793.D

Acq: 28 Dec 2023 14:22

Instrument :

BNA_F

ClientSampleId :

MR-319-0-2MS

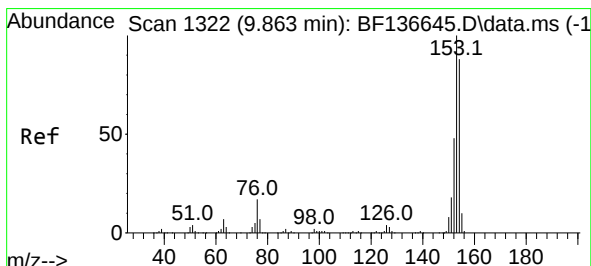
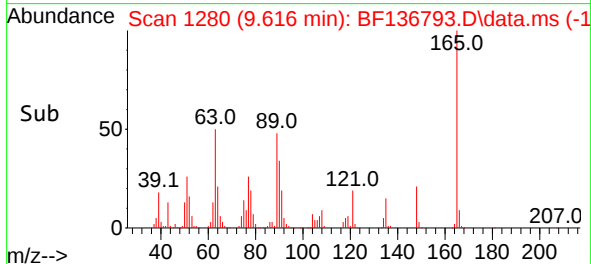
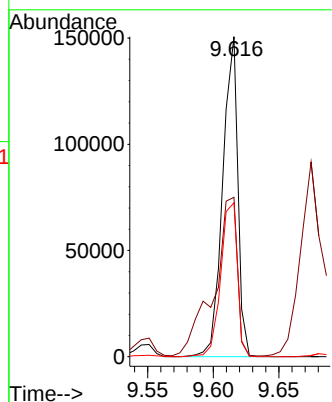
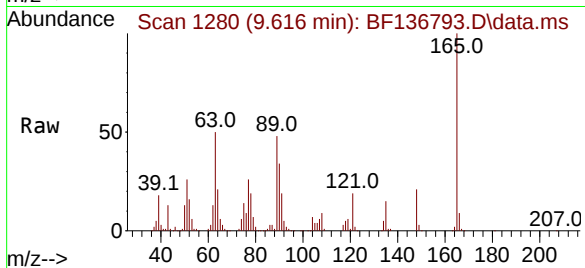
Tgt Ion:165 Resp: 120750

Ion Ratio Lower Upper

165 100

63 49.8 39.8 59.6

89 48.1 38.8 58.2



#52

Acenaphthene

Concen: 43.988 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF136793.D

Acq: 28 Dec 2023 14:22

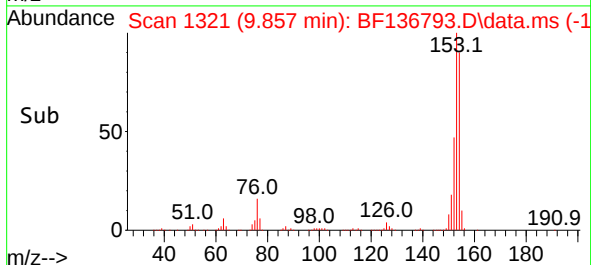
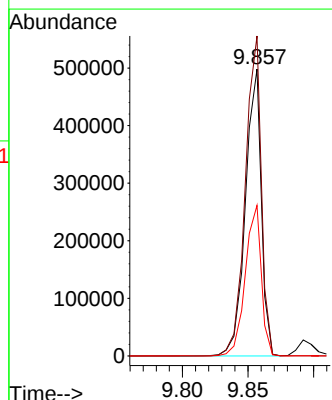
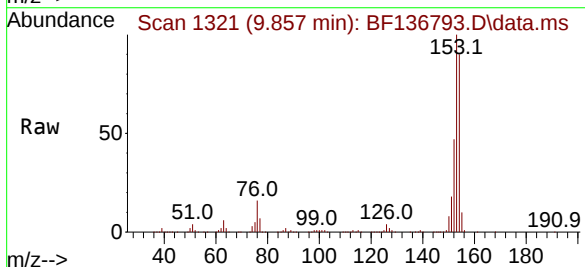
Tgt Ion:154 Resp: 421971

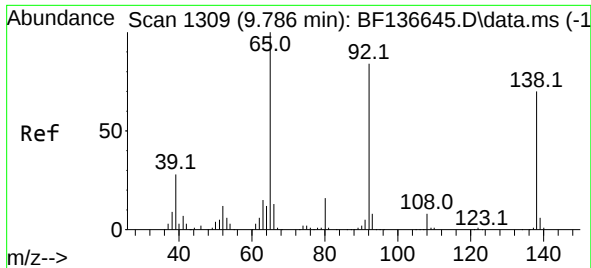
Ion Ratio Lower Upper

154 100

153 111.5 90.7 136.1

152 52.5 43.7 65.5

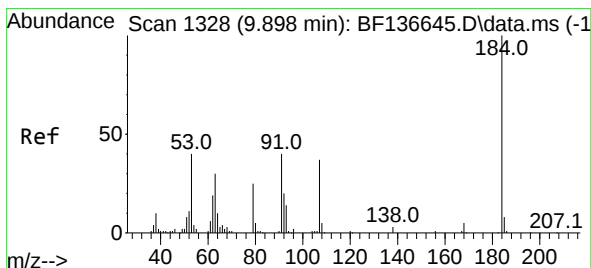
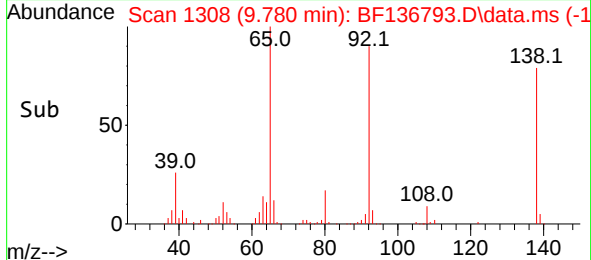
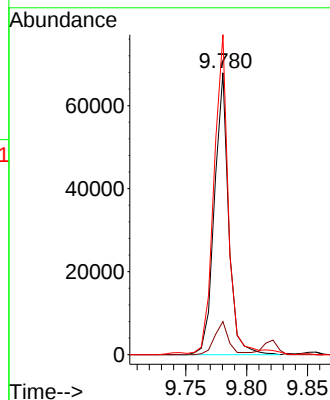
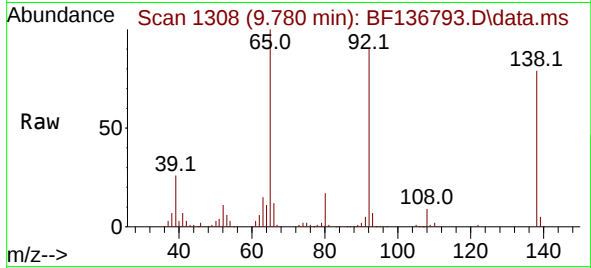




#53
3-Nitroaniline
Concen: 19.883 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

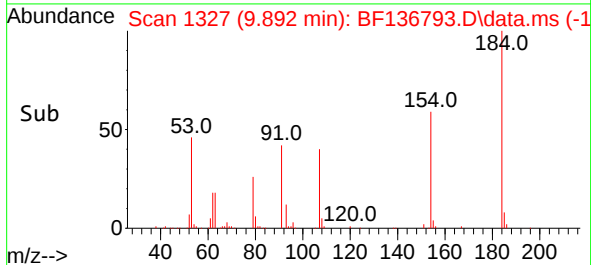
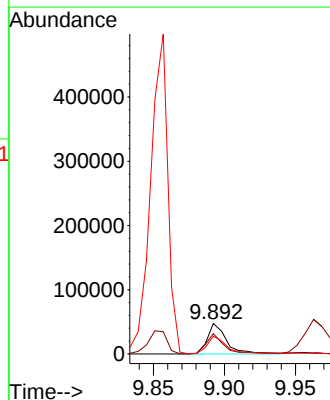
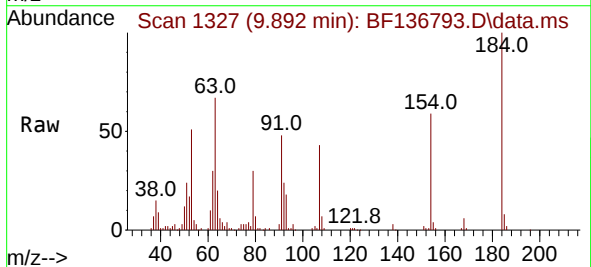
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MS

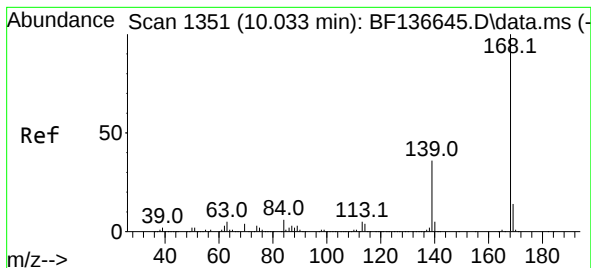
Tgt Ion:138 Resp: 55415
Ion Ratio Lower Upper
138 100
108 11.7 8.6 12.8
92 113.5 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 32.827 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

Tgt Ion:184 Resp: 44498
Ion Ratio Lower Upper
184 100
63 66.9 40.9 61.3#
154 58.5 42.7 64.1





#55

Dibenzenofuran

Concen: 44.531 ng

RT: 10.027 min Scan# 1350

Delta R.T. -0.006 min

Lab File: BF136793.D

Acq: 28 Dec 2023 14:22

Instrument :

BNA_F

ClientSampleId :

MR-319-0-2MS

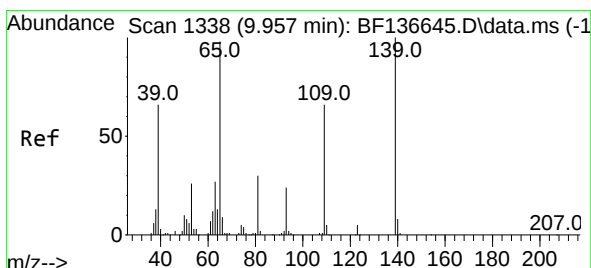
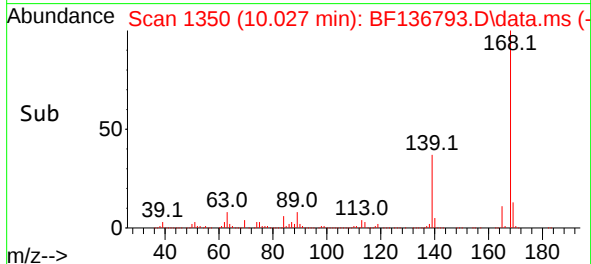
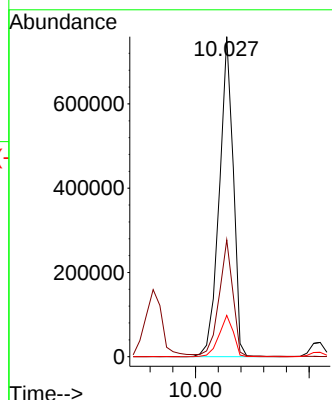
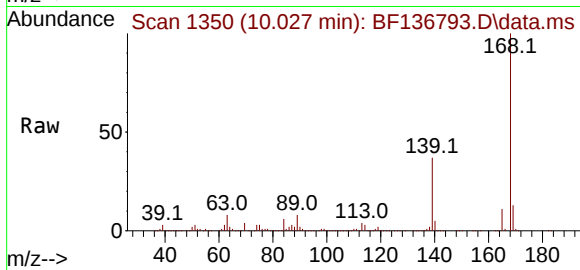
Tgt Ion:168 Resp: 647550

Ion Ratio Lower Upper

168 100

139 36.5 29.3 43.9

169 12.9 11.0 16.4



#56

4-Nitrophenol

Concen: 88.999 ng

RT: 9.963 min Scan# 1339

Delta R.T. 0.006 min

Lab File: BF136793.D

Acq: 28 Dec 2023 14:22

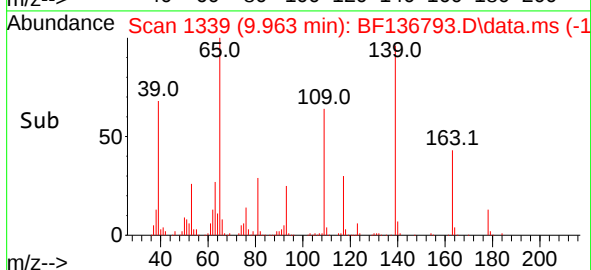
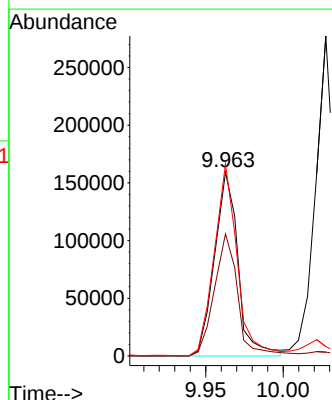
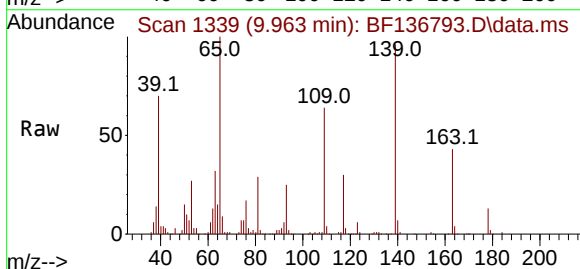
Tgt Ion:139 Resp: 167442

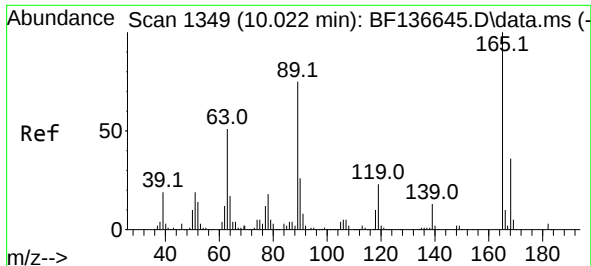
Ion Ratio Lower Upper

139 100

109 66.4 45.8 85.8

65 104.5 77.8 117.8

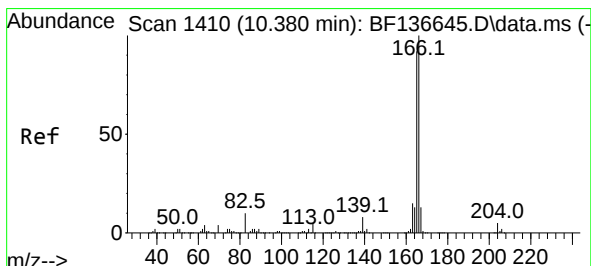
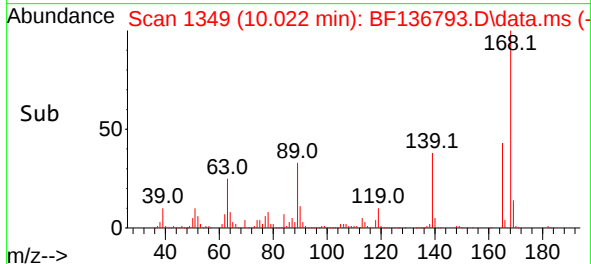
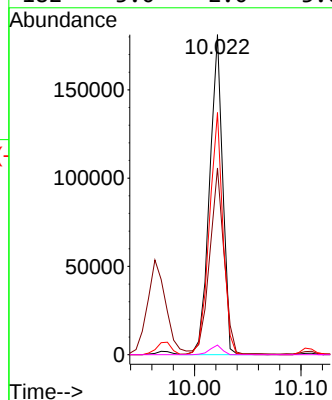
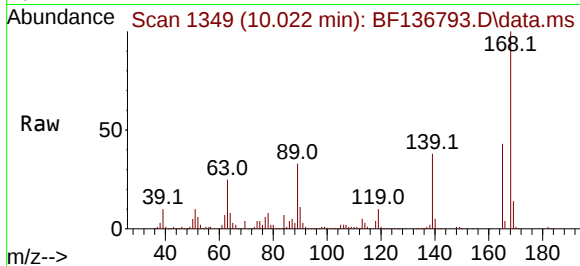




#57
2,4-Dinitrotoluene
Concen: 45.434 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

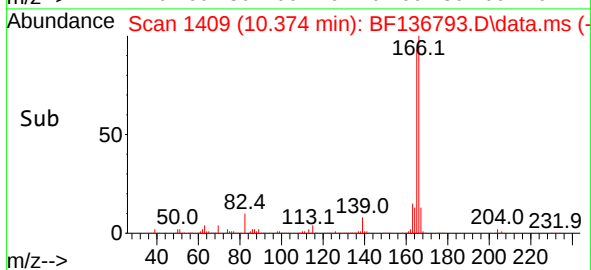
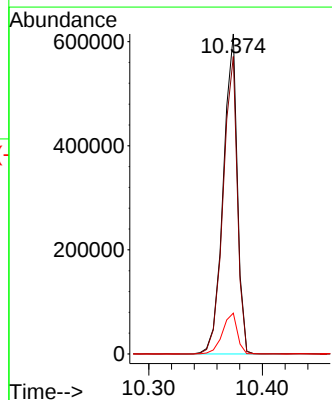
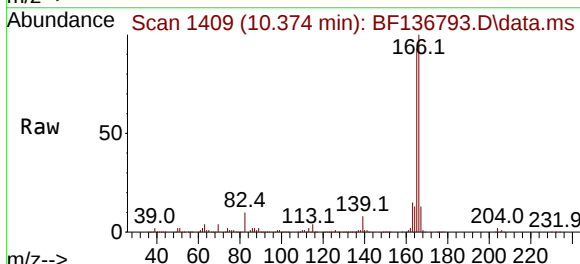
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MS

Tgt Ion:165 Resp: 155179
Ion Ratio Lower Upper
165 100
63 58.3 41.0 61.6
89 75.7 59.9 89.9
182 3.0 2.0 3.0#



#58
Fluorene
Concen: 46.023 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

Tgt Ion:166 Resp: 531023
Ion Ratio Lower Upper
166 100
165 93.0 73.7 110.5
167 12.8 10.4 15.6

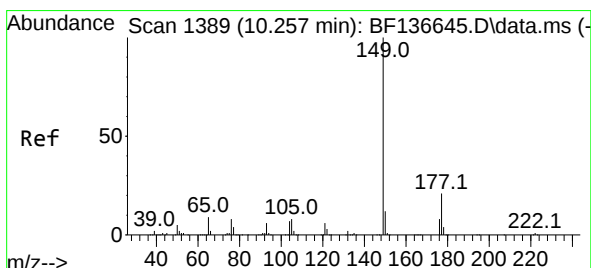
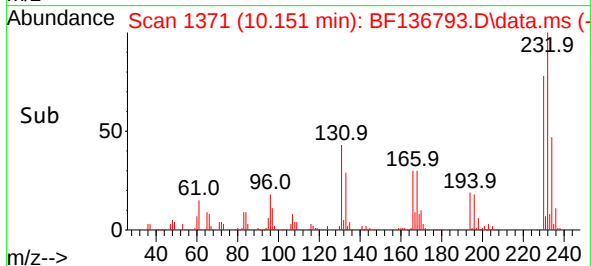
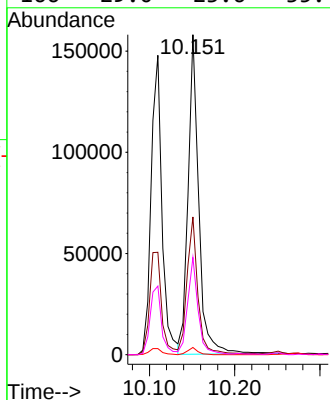
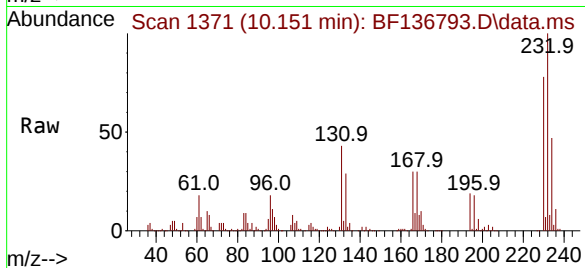




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.728 ng
RT: 10.151 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

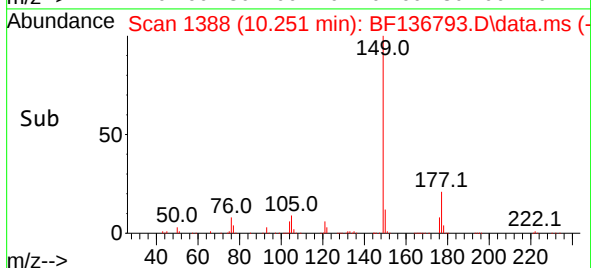
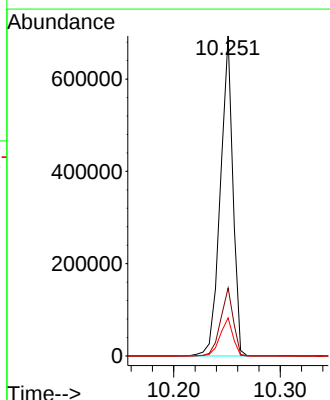
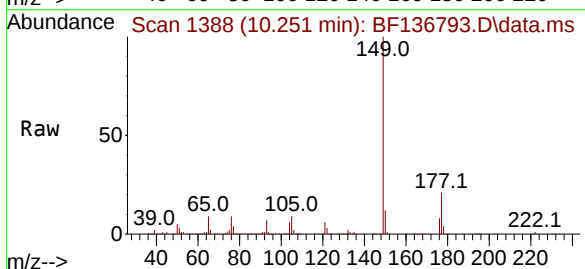
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MS

Tgt Ion:232 Resp: 137168
Ion Ratio Lower Upper
232 100
131 43.7 35.1 52.7
130 2.1 1.6 2.4
166 29.0 23.6 35.4



#60
Diethylphthalate
Concen: 46.918 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

Tgt Ion:149 Resp: 564324
Ion Ratio Lower Upper
149 100
177 21.2 16.9 25.3
150 11.9 9.3 13.9

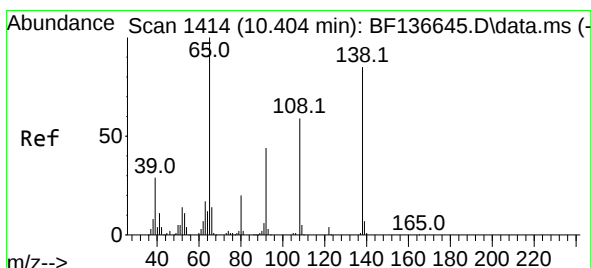
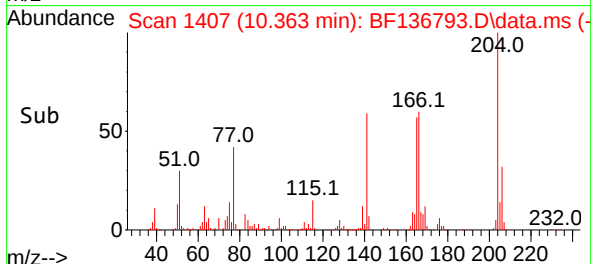
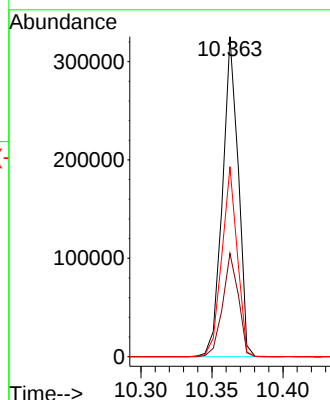
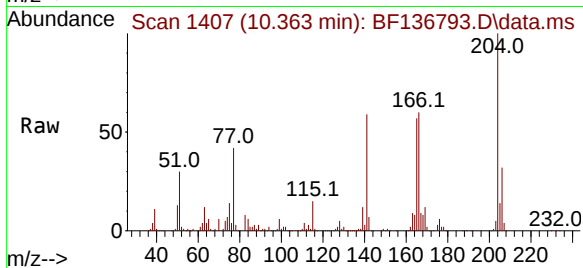




#61
4-Chlorophenyl-phenylether
Concen: 44.475 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

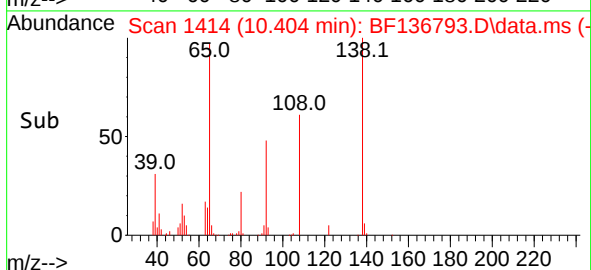
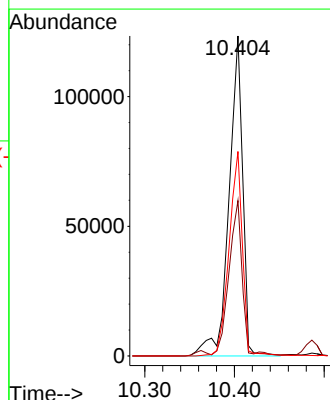
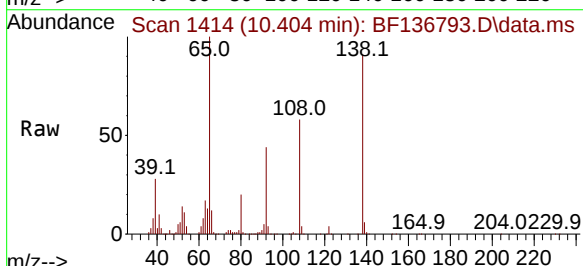
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MS

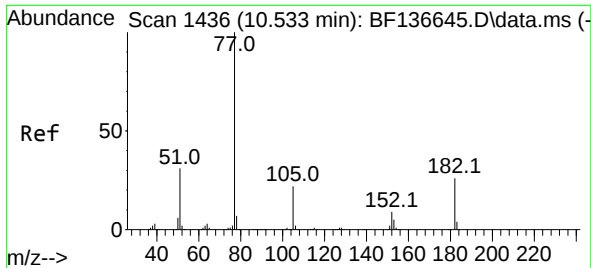
Tgt Ion:204 Resp: 249431
Ion Ratio Lower Upper
204 100
206 32.3 25.6 38.4
141 59.4 48.4 72.6



#62
4-Nitroaniline
Concen: 48.747 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

Tgt Ion:138 Resp: 130969
Ion Ratio Lower Upper
138 100
92 48.6 32.1 72.1
108 63.9 50.1 90.1

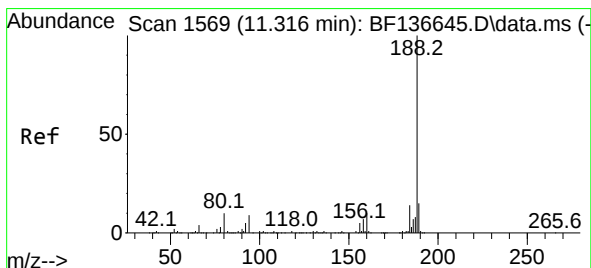
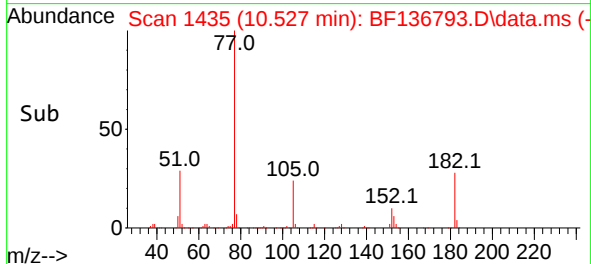
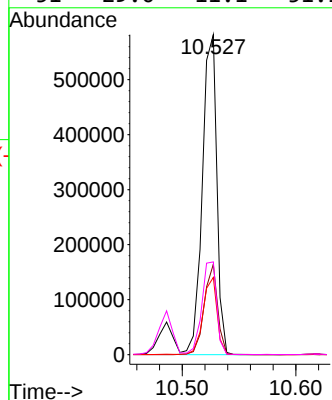
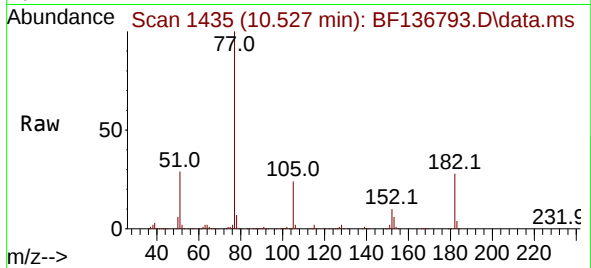




#63
Azobenzene
Concen: 45.808 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

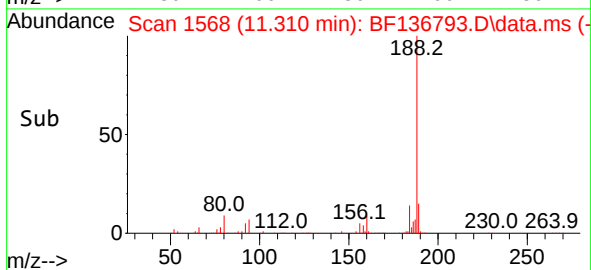
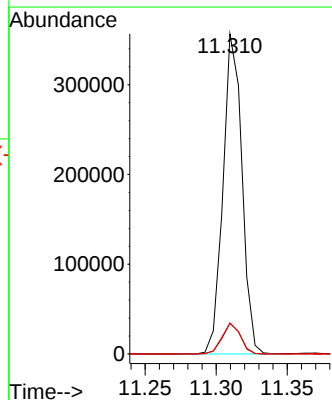
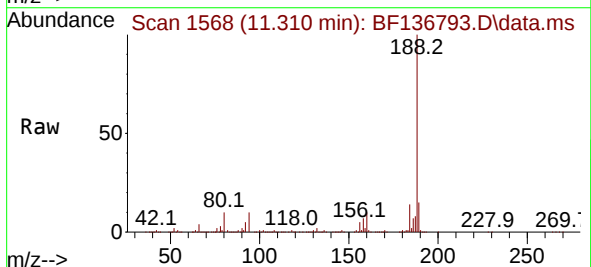
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MS

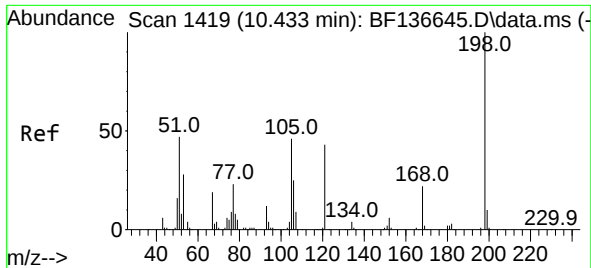
Tgt Ion: 77	Resp: 514615
Ion Ratio	Lower Upper
77 100	
182 28.2	6.0 46.0
105 24.2	2.3 42.3
51 29.0	11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

Tgt	Ion:188	Resp:	329823
Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.5	11.3
80	9.7	8.1	12.1

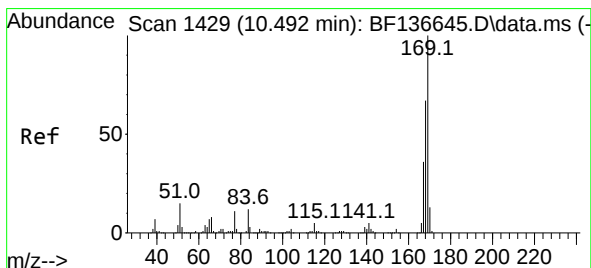
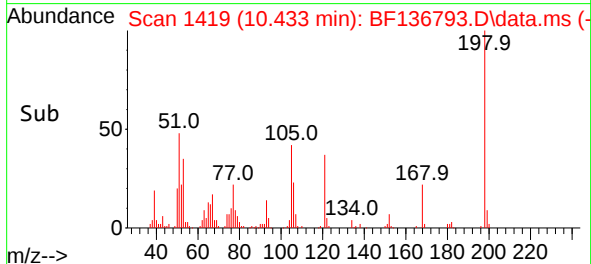
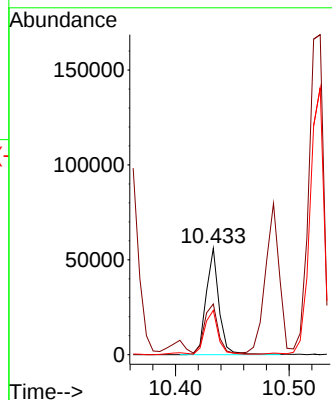
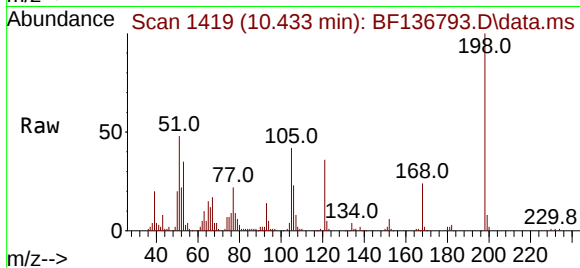




#65
4,6-Dinitro-2-methylphenol
Concen: 23.293 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

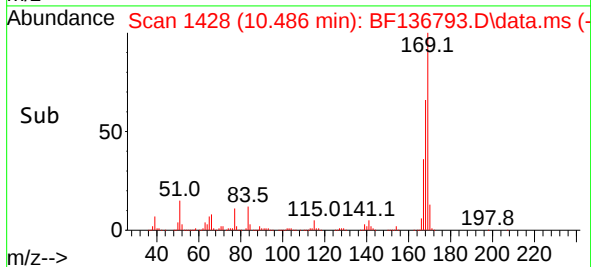
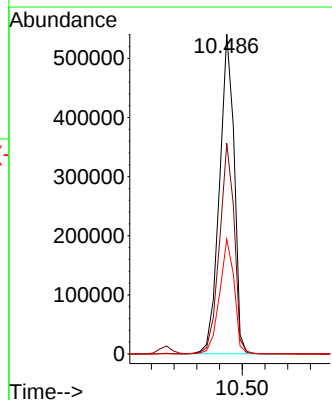
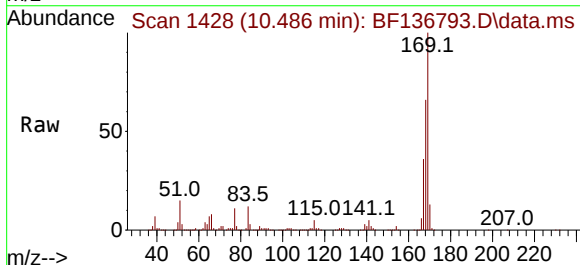
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MS

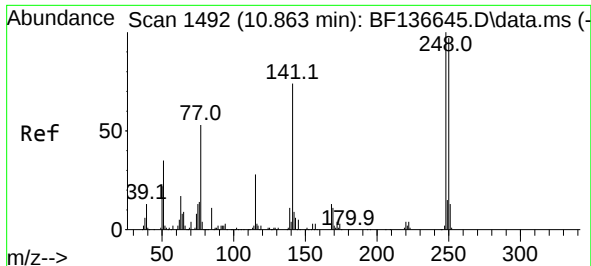
Tgt Ion:198 Resp: 44029
Ion Ratio Lower Upper
198 100
51 47.7 34.1 74.1
105 41.7 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 45.318 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

Tgt Ion:169 Resp: 485542
Ion Ratio Lower Upper
169 100
168 65.8 53.8 80.6
167 35.8 28.7 43.1

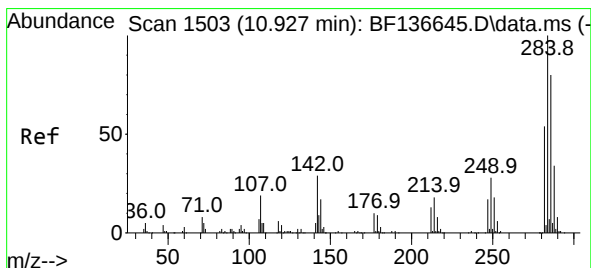
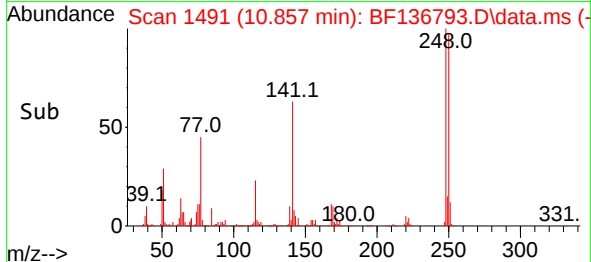
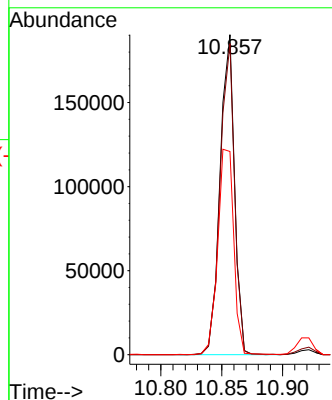
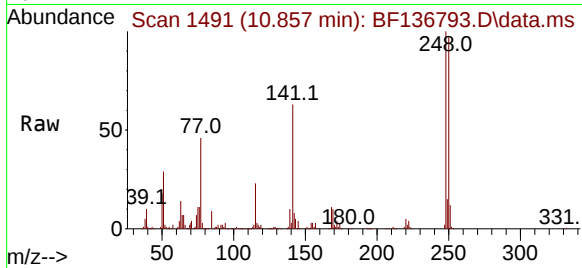




#67
4-Bromophenyl-phenylether
Concen: 43.167 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

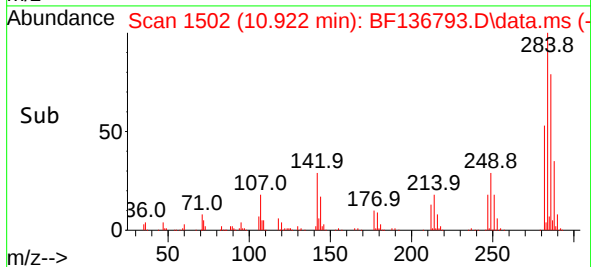
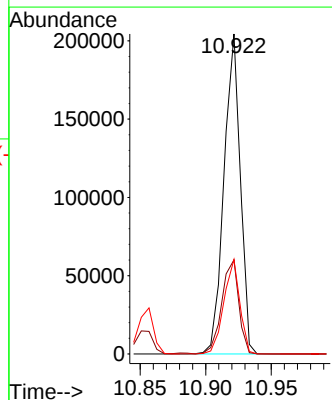
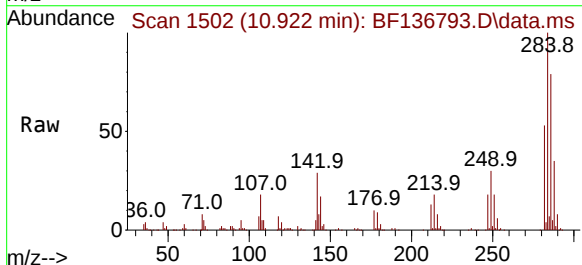
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MS

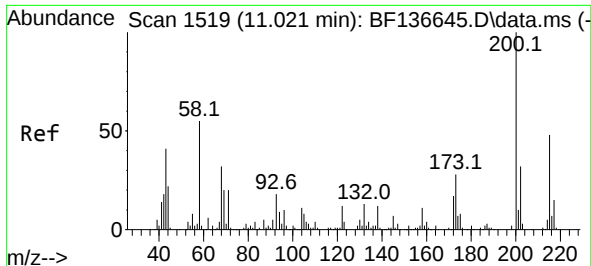
Tgt Ion:248 Resp: 158117
Ion Ratio Lower Upper
248 100
250 97.2 77.8 116.6
141 63.5 59.2 88.8



#68
Hexachlorobenzene
Concen: 43.217 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

Tgt Ion:284 Resp: 176413
Ion Ratio Lower Upper
284 100
142 29.4 23.4 35.0
249 29.5 22.3 33.5

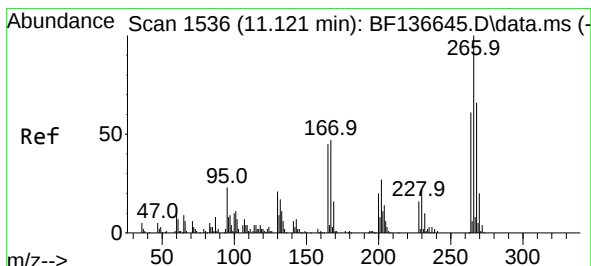
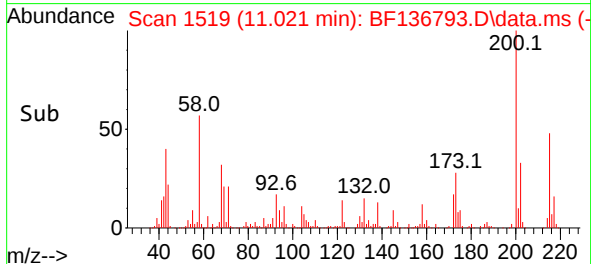
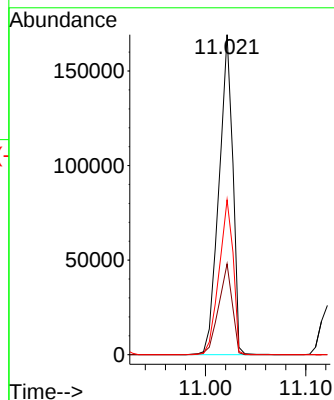
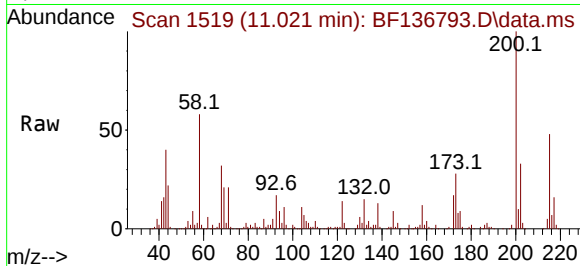




#69
 Atrazine
 Concen: 58.863 ng
 RT: 11.021 min Scan# 1519
 Delta R.T. 0.000 min
 Lab File: BF136793.D
 Acq: 28 Dec 2023 14:22

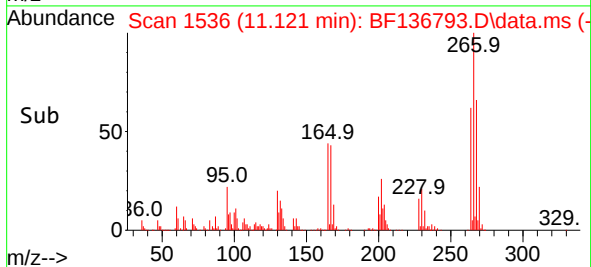
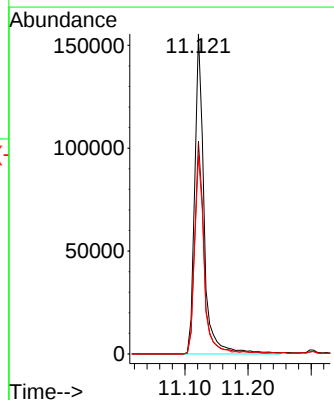
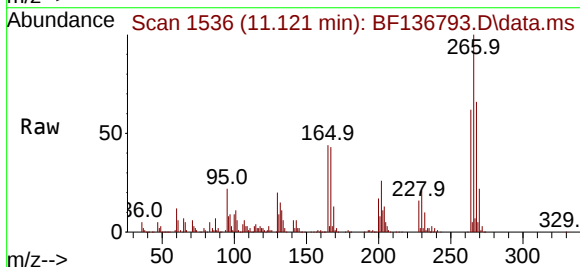
Instrument :
 BNA_F
 ClientSampleId :
 MR-319-0-2MS

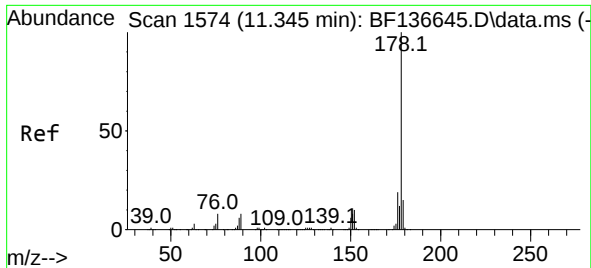
Tgt Ion:200 Resp: 161306
 Ion Ratio Lower Upper
 200 100
 173 28.4 7.6 47.6
 215 48.4 28.3 68.3



#70
 Pentachlorophenol
 Concen: 83.594 ng
 RT: 11.121 min Scan# 1536
 Delta R.T. 0.000 min
 Lab File: BF136793.D
 Acq: 28 Dec 2023 14:22

Tgt Ion:266 Resp: 159052
 Ion Ratio Lower Upper
 266 100
 268 66.4 52.6 78.8
 264 62.2 49.0 73.4

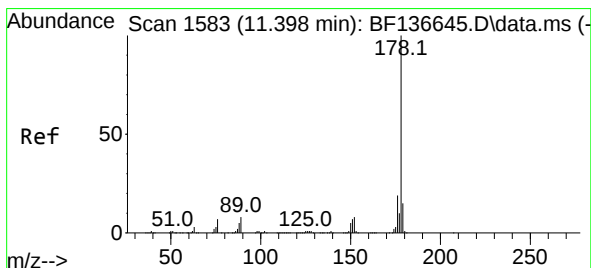
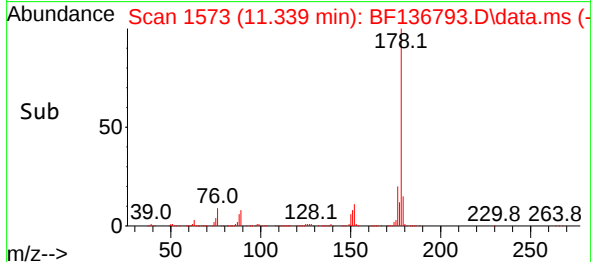
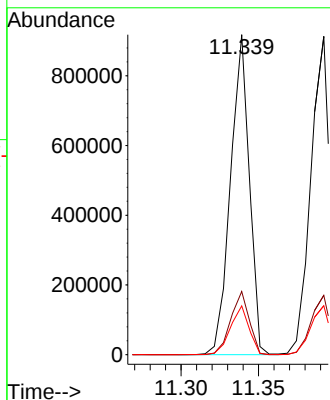
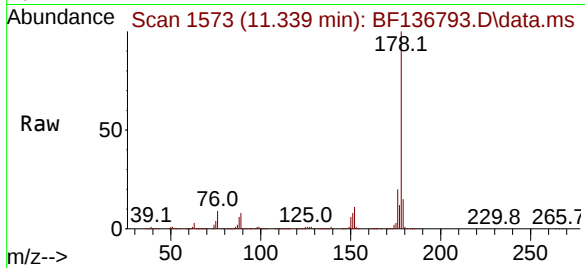




#71
Phenanthrene
Concen: 45.864 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

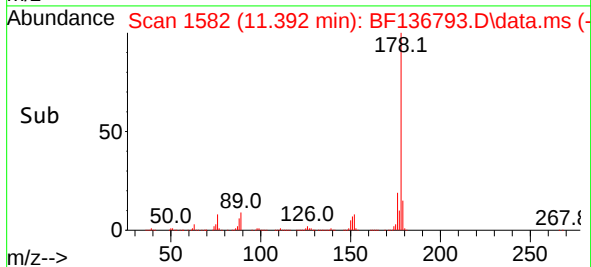
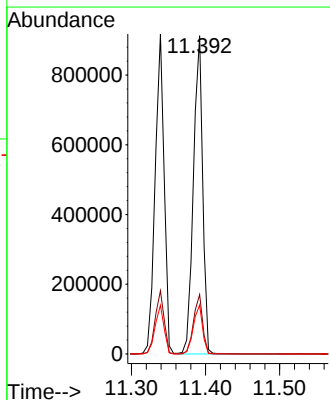
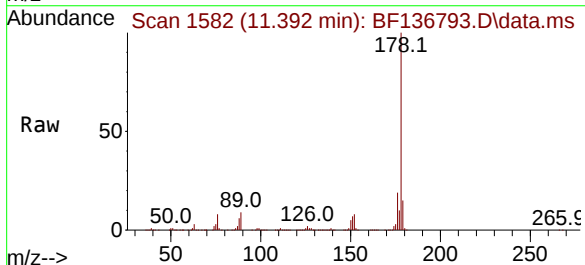
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MS

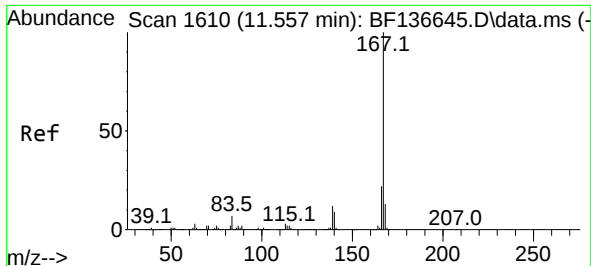
Tgt Ion:178 Resp: 776181
Ion Ratio Lower Upper
178 100
176 19.7 15.3 22.9
179 15.3 11.9 17.9



#72
Anthracene
Concen: 46.274 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

Tgt Ion:178 Resp: 793081
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.4 11.8 17.6

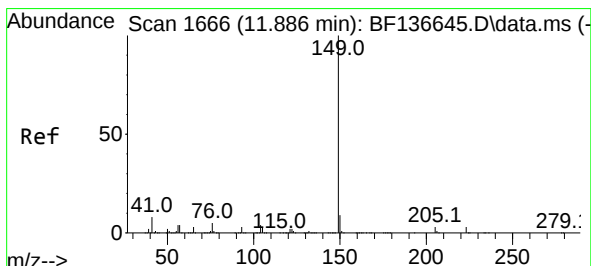
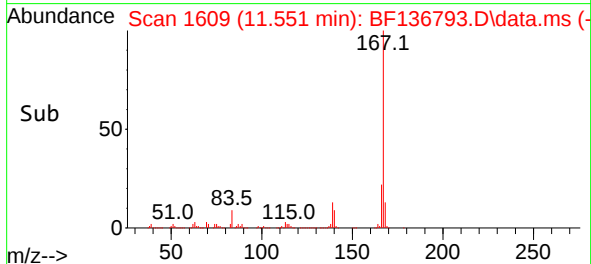
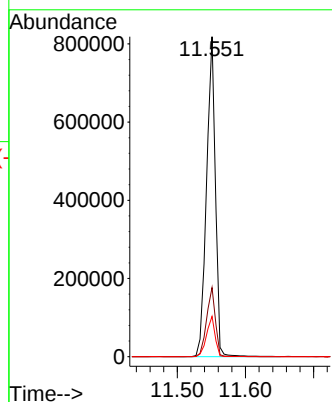
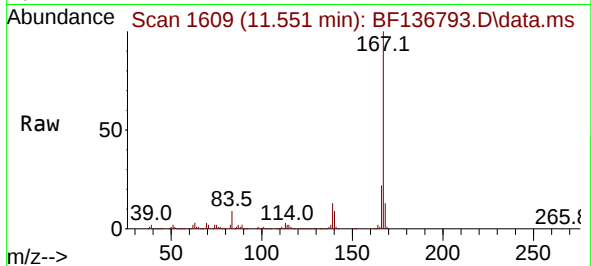




#73
 Carbazole
 Concen: 45.848 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF136793.D
 Acq: 28 Dec 2023 14:22

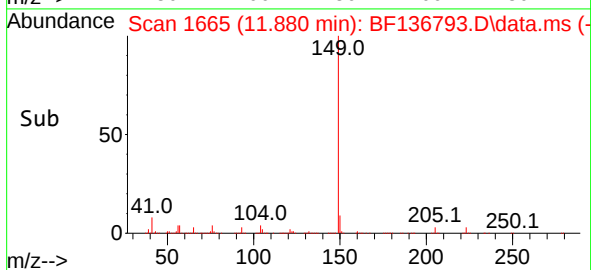
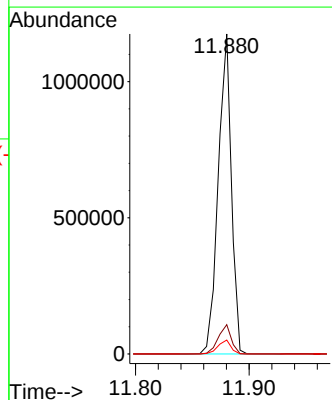
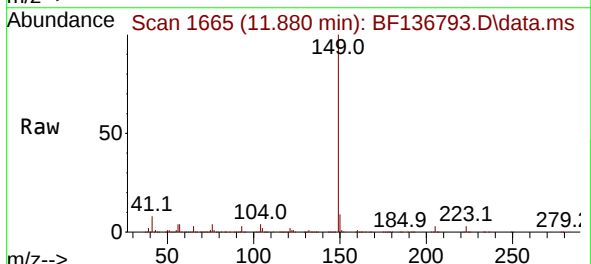
Instrument :
 BNA_F
 ClientSampleId :
 MR-319-0-2MS

Tgt Ion:167 Resp: 740854
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 12.6 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 47.943 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF136793.D
 Acq: 28 Dec 2023 14:22

Tgt Ion:149 Resp: 945336
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.4 3.6 5.4

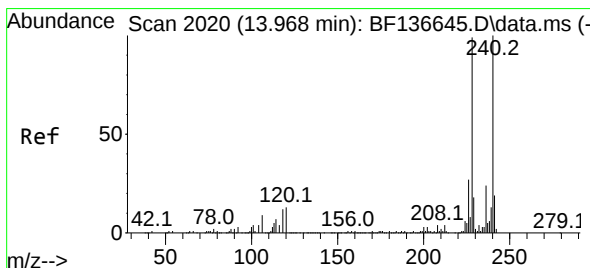
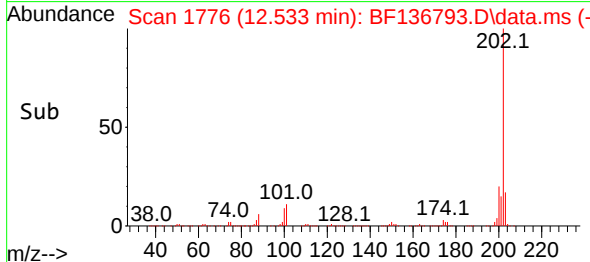
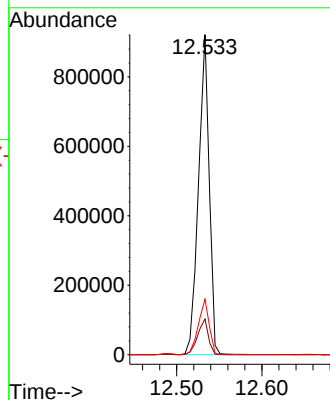
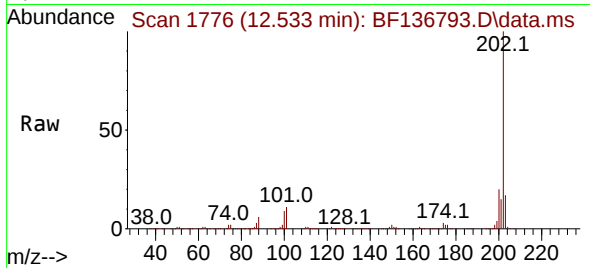




#75
Fluoranthene
Concen: 44.581 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

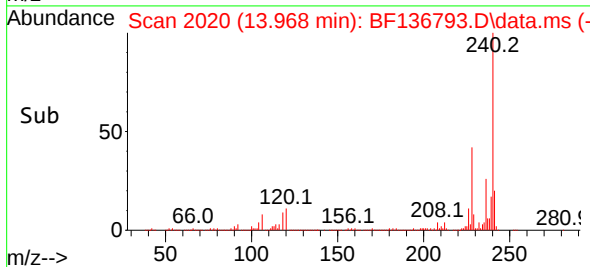
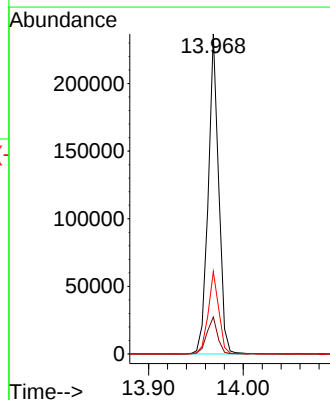
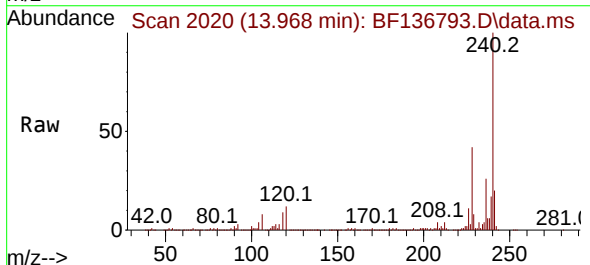
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MS

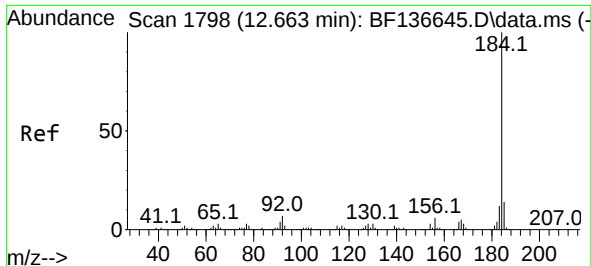
Tgt Ion:202 Resp: 807011
Ion Ratio Lower Upper
202 100
101 11.2 0.0 29.3
203 17.3 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

Tgt Ion:240 Resp: 181018
Ion Ratio Lower Upper
240 100
120 11.5 10.3 15.5
236 25.7 19.4 29.2

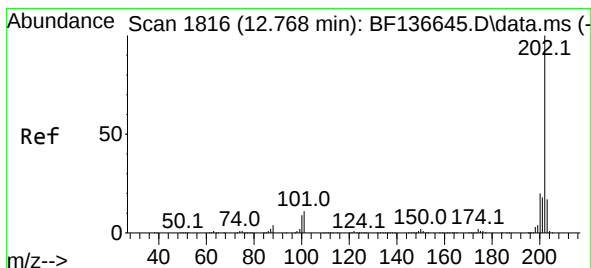
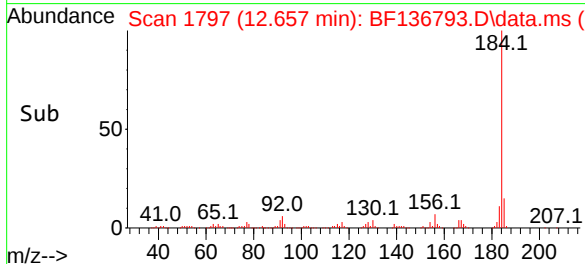
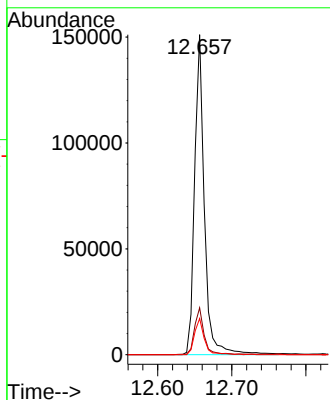
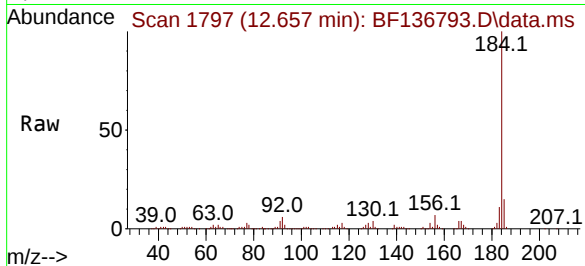




#77
Benzidine
Concen: 25.906 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

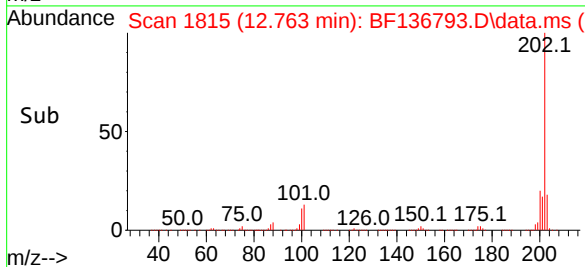
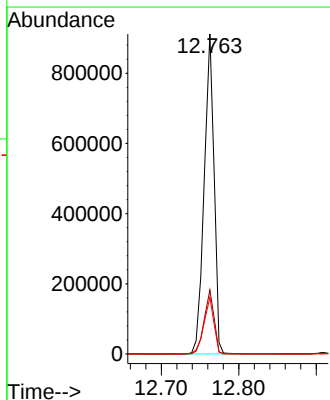
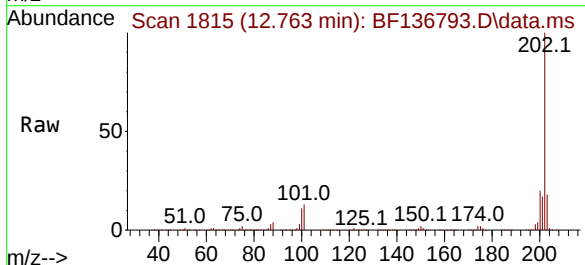
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MS

Tgt Ion:184 Resp: 138270
Ion Ratio Lower Upper
184 100
185 14.7 11.2 16.8
183 11.3 9.3 13.9



#78
Pyrene
Concen: 45.529 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

Tgt Ion:202 Resp: 809048
Ion Ratio Lower Upper
202 100
200 20.0 15.9 23.9
203 17.6 13.8 20.6





#79

Terphenyl-d14

Concen: 90.424 ng

RT: 12.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136793.D

Acq: 28 Dec 2023 14:22

Instrument :

BNA_F

ClientSampleId :

MR-319-0-2MS

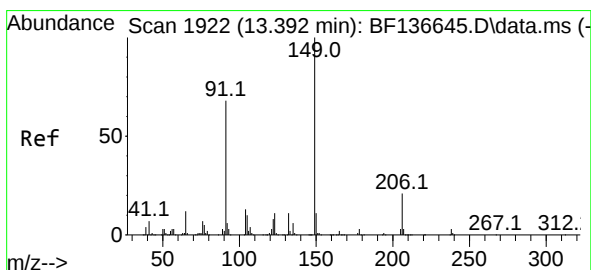
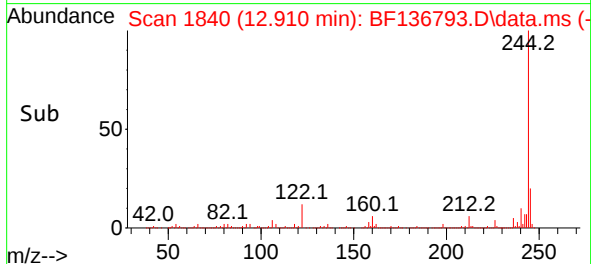
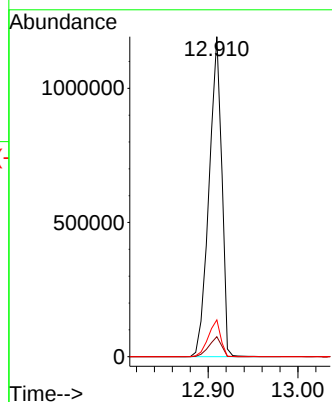
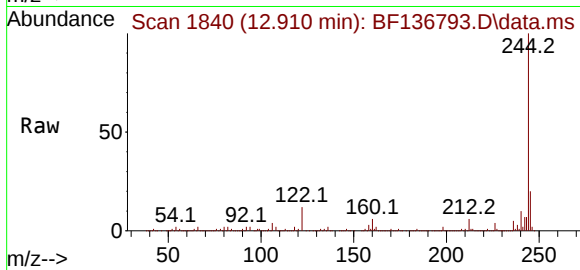
Tgt Ion:244 Resp: 1171294

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 11.5 9.0 13.4



#80

Butylbenzylphthalate

Concen: 52.183 ng

RT: 13.386 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF136793.D

Acq: 28 Dec 2023 14:22

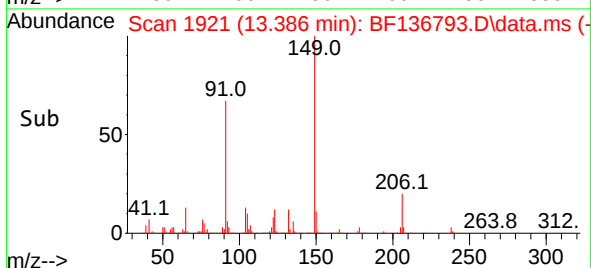
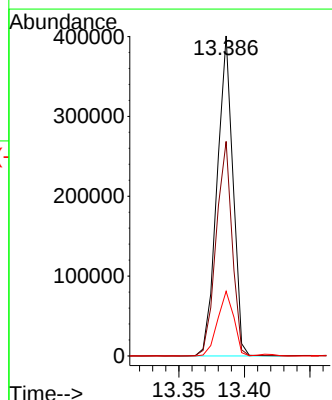
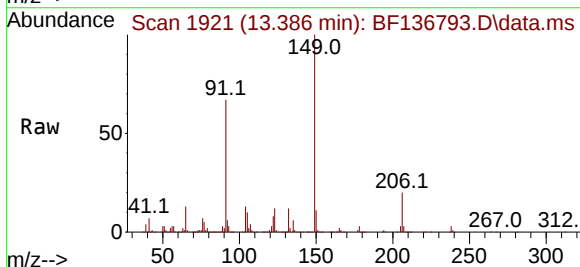
Tgt Ion:149 Resp: 337411

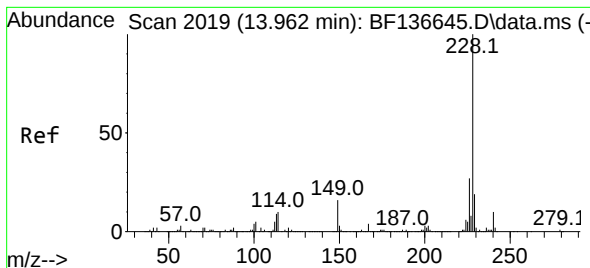
Ion Ratio Lower Upper

149 100

91 67.0 54.1 81.1

206 20.2 17.1 25.7





#81

Benzo(a)anthracene

Concen: 45.790 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF136793.D

Acq: 28 Dec 2023 14:22

Instrument :

BNA_F

ClientSampleId :

MR-319-0-2MS

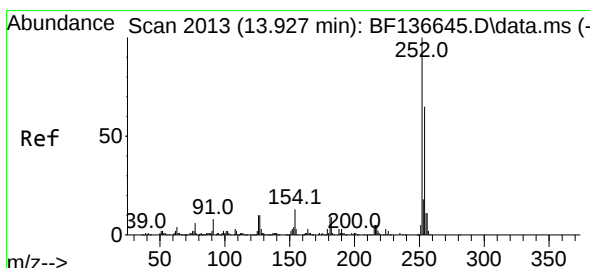
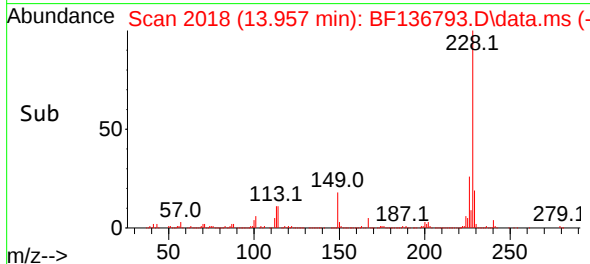
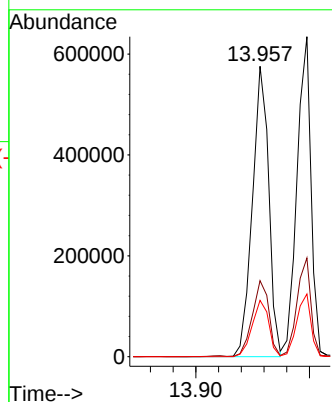
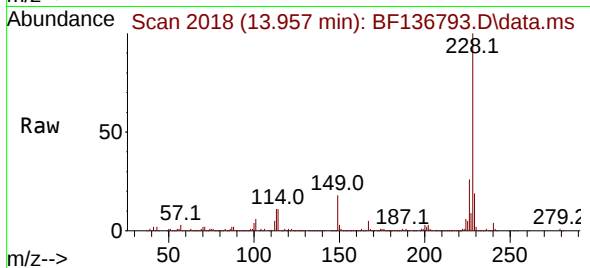
Tgt Ion:228 Resp: 575571

Ion Ratio Lower Upper

228 100

226 26.2 21.4 32.0

229 19.4 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 26.212 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF136793.D

Acq: 28 Dec 2023 14:22

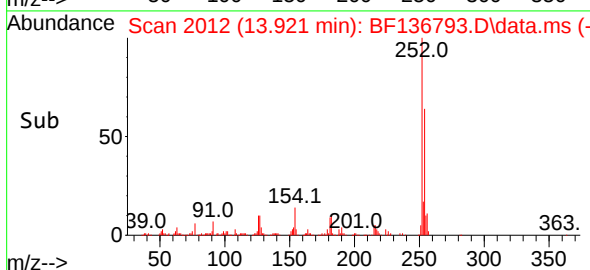
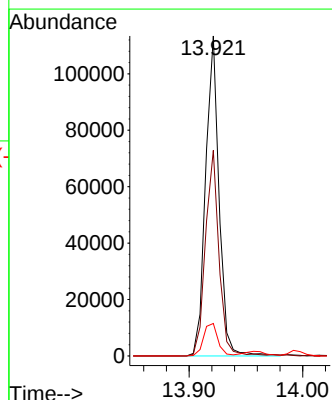
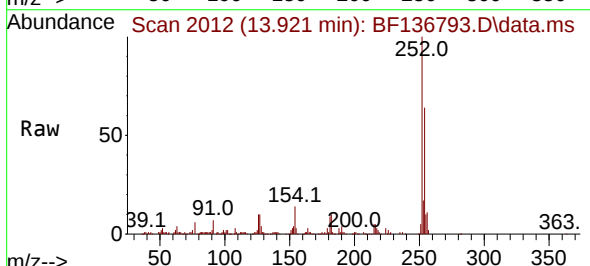
Tgt Ion:252 Resp: 93567

Ion Ratio Lower Upper

252 100

254 64.3 52.2 78.4

126 10.1 8.0 12.0





#83

Chrysene

Concen: 44.594 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF136793.D

Acq: 28 Dec 2023 14:22

Instrument :

BNA_F

ClientSampleId :

MR-319-0-2MS

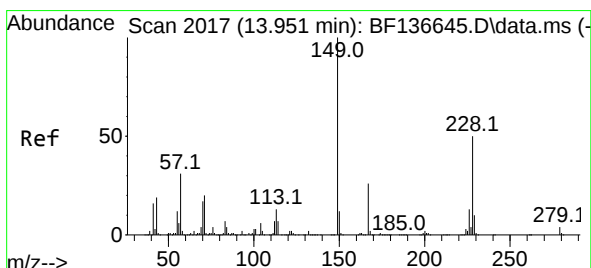
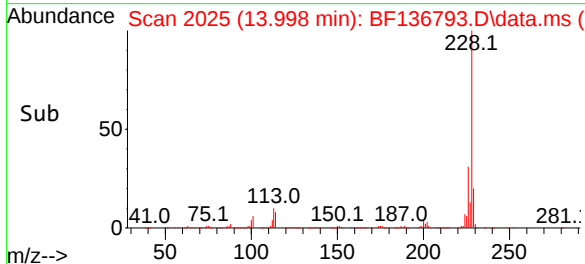
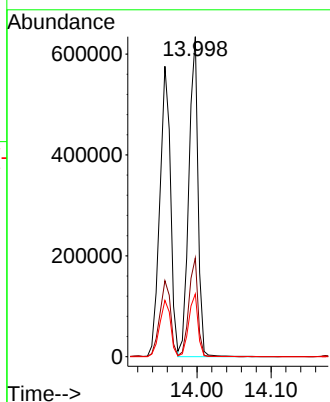
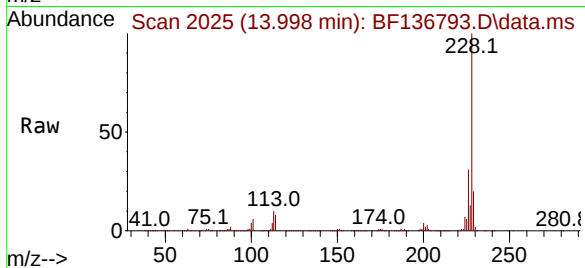
Tgt Ion:228 Resp: 548138

Ion Ratio Lower Upper

228 100

226 30.9 24.7 37.1

229 19.6 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.877 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136793.D

Acq: 28 Dec 2023 14:22

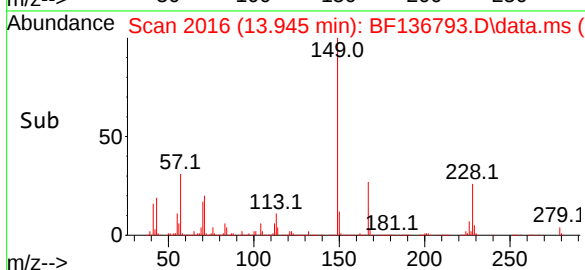
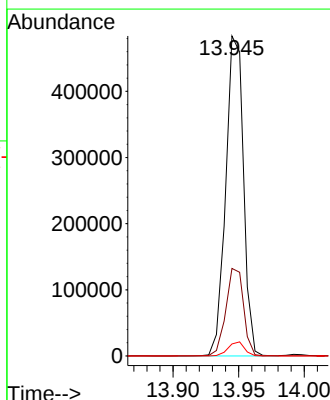
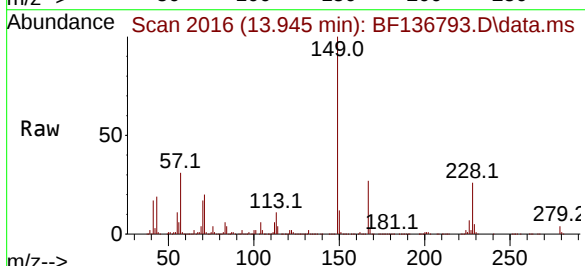
Tgt Ion:149 Resp: 454578

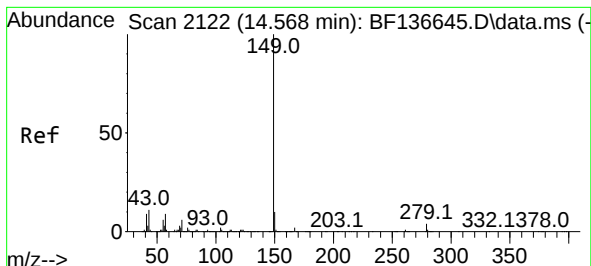
Ion Ratio Lower Upper

149 100

167 27.3 20.9 31.3

279 3.8 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 56.417 ng

RT: 14.562 min Scan# 2122

Delta R.T. -0.006 min

Lab File: BF136793.D

Acq: 28 Dec 2023 14:22

Instrument :

BNA_F

ClientSampleId :

MR-319-0-2MS

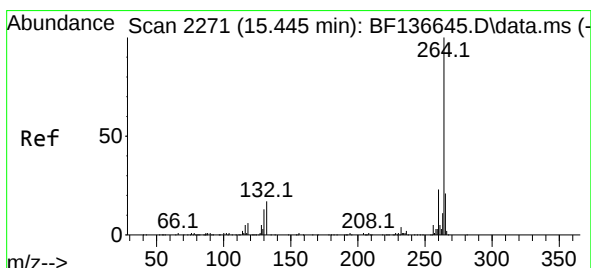
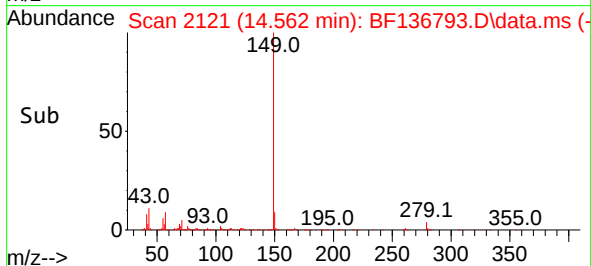
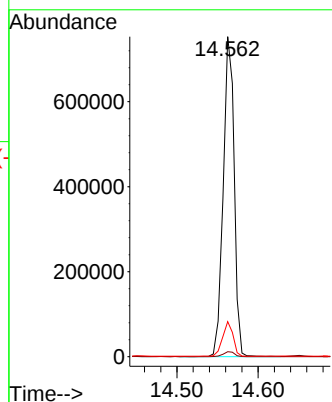
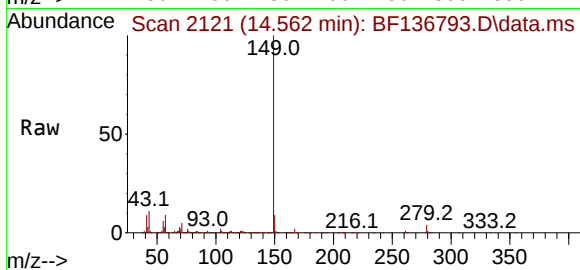
Tgt Ion:149 Resp: 709960

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.3 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF136793.D

Acq: 28 Dec 2023 14:22

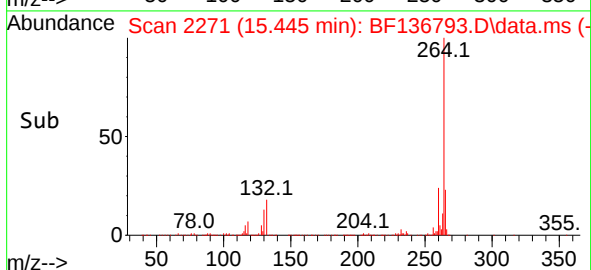
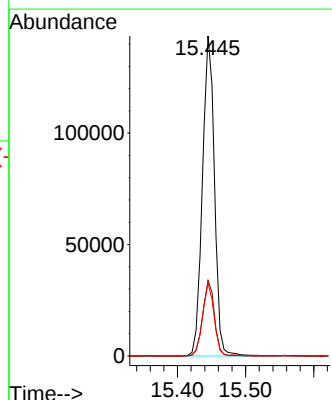
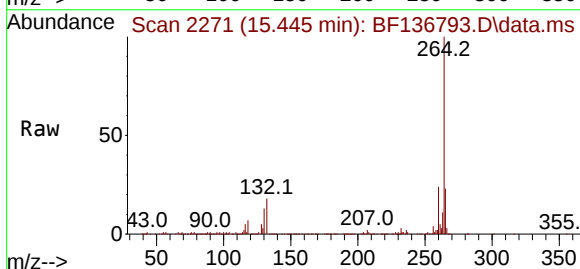
Tgt Ion:264 Resp: 176401

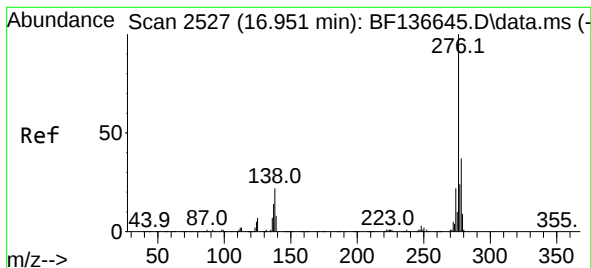
Ion Ratio Lower Upper

264 100

260 23.6 18.3 27.5

265 22.9 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.548 ng

RT: 16.962 min Scan# 2198

Delta R.T. 0.012 min

Lab File: BF136793.D

Acq: 28 Dec 2023 14:22

Instrument :

BNA_F

ClientSampleId :

MR-319-0-2MS

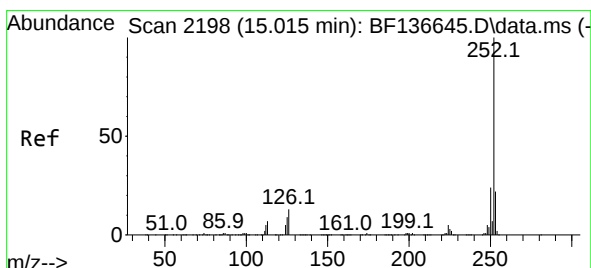
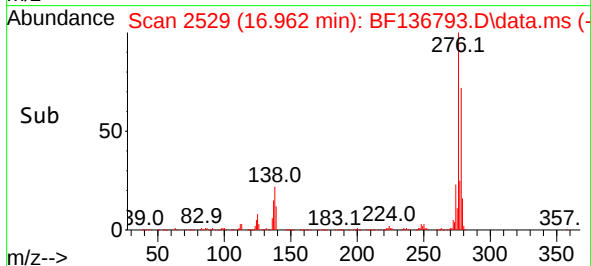
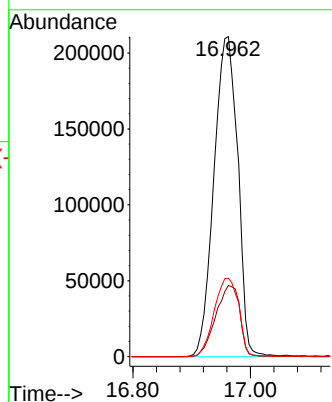
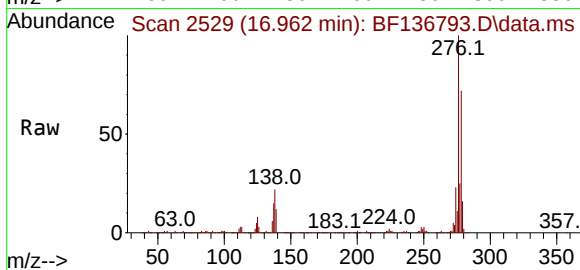
Tgt Ion:276 Resp: 592849

Ion Ratio Lower Upper

276 100

138 22.5 18.7 28.1

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 42.779 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF136793.D

Acq: 28 Dec 2023 14:22

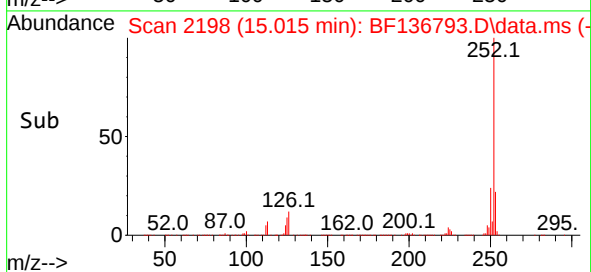
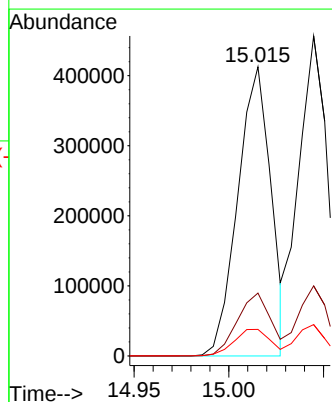
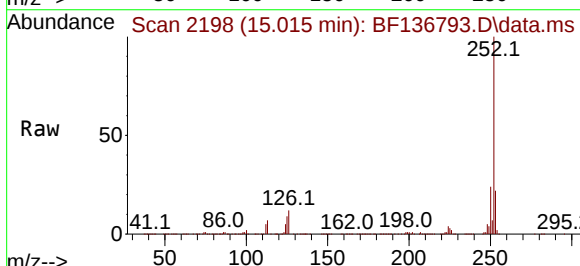
Tgt Ion:252 Resp: 504023

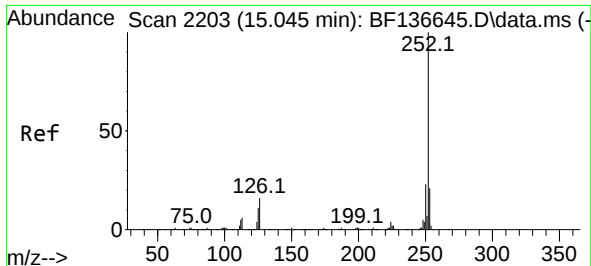
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 9.2 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 42.440 ng

RT: 15.045 min Scan# 2203

Delta R.T. 0.000 min

Lab File: BF136793.D

Acq: 28 Dec 2023 14:22

Instrument :

BNA_F

ClientSampleId :

MR-319-0-2MS

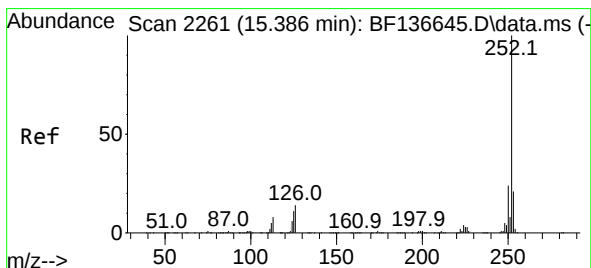
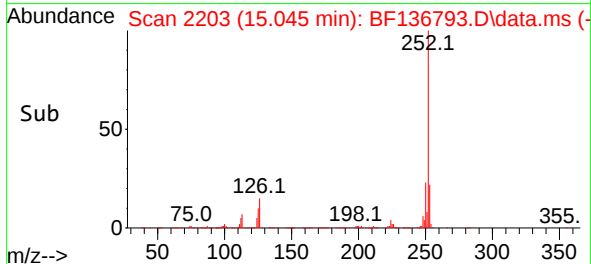
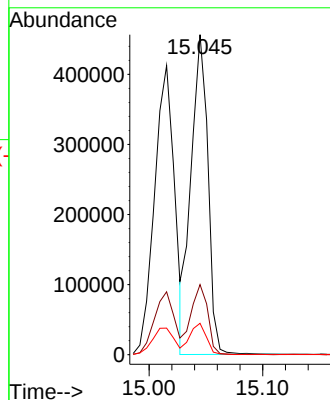
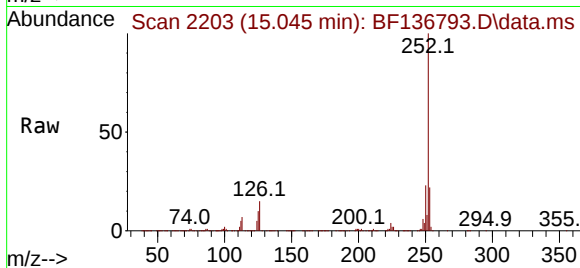
Tgt Ion:252 Resp: 472481

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

125 9.8 8.2 12.4



#90

Benzo(a)pyrene

Concen: 43.827 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.000 min

Lab File: BF136793.D

Acq: 28 Dec 2023 14:22

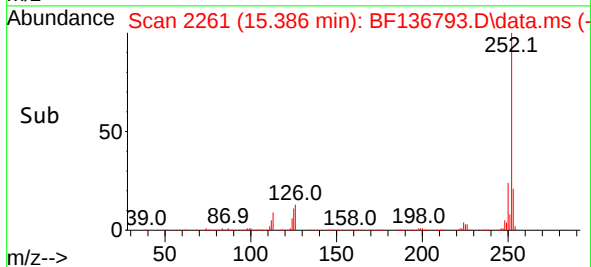
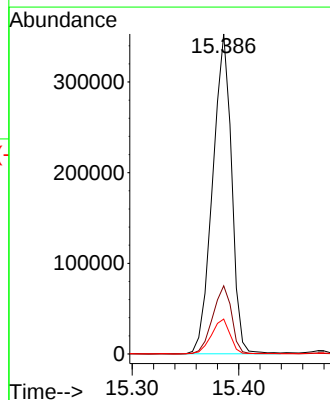
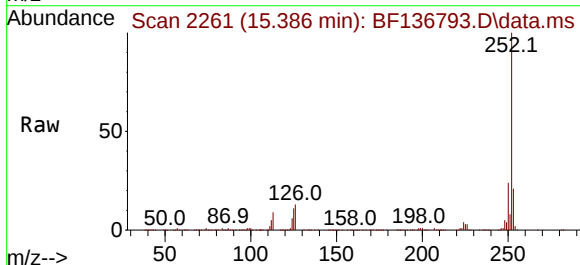
Tgt Ion:252 Resp: 435874

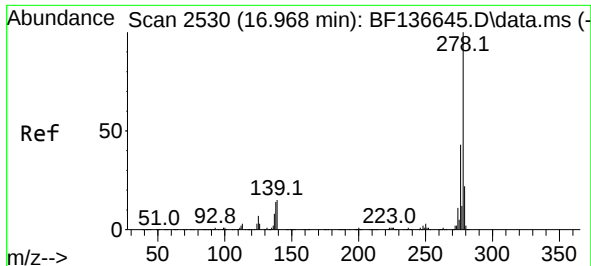
Ion Ratio Lower Upper

252 100

253 21.3 17.0 25.6

125 10.9 8.8 13.2

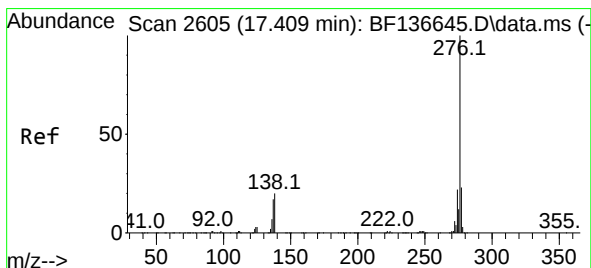
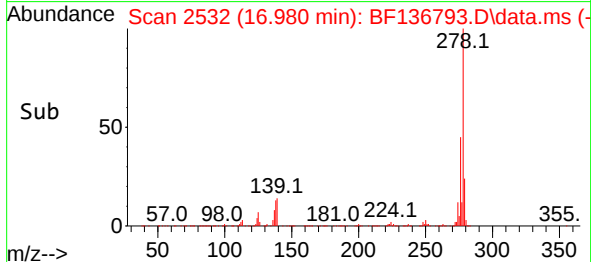
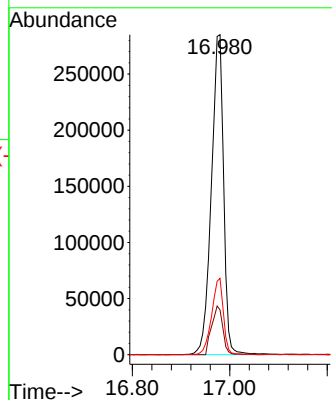
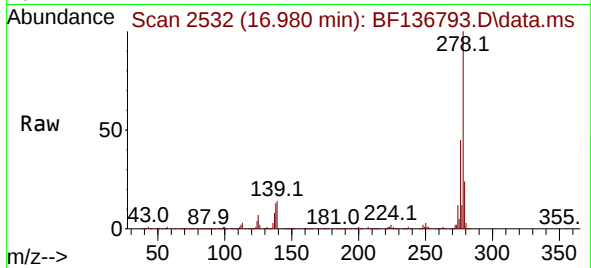




#91
Dibenzo(a,h)anthracene
Concen: 47.442 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MS

Tgt Ion:278 Resp: 495716
Ion Ratio Lower Upper
278 100
139 14.0 12.2 18.4
279 23.9 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 44.698 ng
RT: 17.415 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF136793.D
Acq: 28 Dec 2023 14:22

Tgt Ion:276 Resp: 478360
Ion Ratio Lower Upper
276 100
277 23.5 18.3 27.5
138 18.7 15.6 23.4

