

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110223\
 Data File : BF136091.D
 Acq On : 02 Nov 2023 12:54
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 13:17:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	145127	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	557101	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	286654	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	503837	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	226891	20.000	ng	0.00
86) Perylene-d12	15.498	264	264887	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	709003	76.770	ng	0.00
7) Phenol-d6	6.457	99	892592	77.570	ng	0.00
23) Nitrobenzene-d5	7.386	82	778861	84.279	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	254047	83.031	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1447746	80.510	ng	0.00
79) Terphenyl-d14	12.951	244	1367321	93.651	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	154153	38.332	ng	100
3) Pyridine	3.334	79	421117	38.364	ng	98
4) n-Nitrosodimethylamine	3.299	42	175991	38.346	ng	95
6) Aniline	6.487	93	584656	39.244	ng	100
8) 2-Chlorophenol	6.610	128	385954	39.089	ng	96
9) Benzaldehyde	6.375	77	248984	38.805	ng	98
10) Phenol	6.469	94	485775	40.816	ng	96
11) bis(2-Chloroethyl)ether	6.563	93	356472	38.259	ng	97
12) 1,3-Dichlorobenzene	6.763	146	397089	38.640	ng	97
13) 1,4-Dichlorobenzene	6.839	146	401657	39.000	ng	98
14) 1,2-Dichlorobenzene	6.992	146	372223	38.653	ng	97
15) Benzyl Alcohol	6.963	79	324855	39.816	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	501385	39.095	ng	98
17) 2-Methylphenol	7.075	107	324100	38.693	ng	99
18) Hexachloroethane	7.334	117	142381	39.334	ng	95
19) n-Nitroso-di-n-propyla...	7.239	70	255274	38.826	ng	99
20) 3+4-Methylphenols	7.228	107	397890	38.955	ng	90
22) Acetophenone	7.234	105	489165	39.598	ng	# 92
24) Nitrobenzene	7.404	77	384260	41.106	ng	95
25) Isophorone	7.645	82	716227	41.052	ng	98
26) 2-Nitrophenol	7.722	139	192134	45.049	ng	95
27) 2,4-Dimethylphenol	7.757	122	326950	40.567	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	435804	40.768	ng	99
29) 2,4-Dichlorophenol	7.957	162	319266	42.021	ng	97
30) 1,2,4-Trichlorobenzene	8.045	180	336887	40.646	ng	98
31) Naphthalene	8.128	128	1102478	41.038	ng	99
32) Benzoic acid	7.875	122	187182	31.017	ng	99
33) 4-Chloroaniline	8.175	127	479868	40.788	ng	99
34) Hexachlorobutadiene	8.239	225	197316	41.512	ng	100
35) Caprolactam	8.551	113	104424	42.268	ng	92
36) 4-Chloro-3-methylphenol	8.657	107	337840	42.354	ng	97
37) 2-Methylnaphthalene	8.816	142	737289	40.931	ng	99
38) 1-Methylnaphthalene	8.916	142	689479	41.130	ng	100
40) 1,2,4,5-Tetrachloroben...	8.980	216	339117	41.482	ng	99
41) Hexachlorocyclopentadiene	8.969	237	177800	40.709	ng	97
43) 2,4,6-Trichlorophenol	9.092	196	220450	41.358	ng	99

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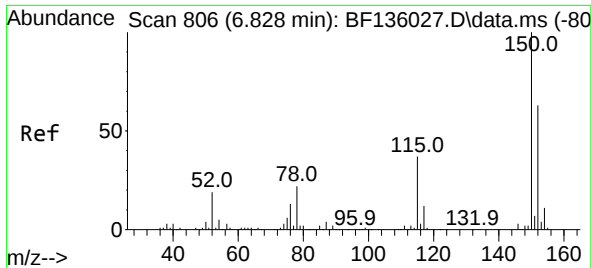
Quant Time: Nov 02 13:17:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	259477	42.024	ng	99
46) 1,1'-Biphenyl	9.286	154	893380	40.883	ng	99
47) 2-Chloronaphthalene	9.310	162	661493	41.063	ng	99
48) 2-Nitroaniline	9.404	65	206849	43.387	ng	96
49) Acenaphthylene	9.722	152	1045845	41.616	ng	100
50) Dimethylphthalate	9.586	163	777133	41.100	ng	99
51) 2,6-Dinitrotoluene	9.651	165	172558	42.670	ng	95
52) Acenaphthene	9.898	154	682620	42.728	ng	100
53) 3-Nitroaniline	9.816	138	200828	42.560	ng	95
54) 2,4-Dinitrophenol	9.922	184	73930	38.344	ng	97
55) Dibenzofuran	10.069	168	955625	41.022	ng	98
56) 4-Nitrophenol	9.975	139	146357	41.465	ng	97
57) 2,4-Dinitrotoluene	10.051	165	226352	44.238	ng	99
58) Fluorene	10.416	166	705873	40.470	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	201801	41.109	ng	99
60) Diethylphthalate	10.292	149	741092	41.021	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	350908	40.304	ng	97
62) 4-Nitroaniline	10.433	138	187908	41.355	ng	96
63) Azobenzene	10.569	77	701481	40.318	ng	98
65) 4,6-Dinitro-2-methylph...	10.463	198	113299	41.779	ng	99
66) n-Nitrosodiphenylamine	10.527	169	645120	42.445	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	230667	43.667	ng	96
68) Hexachlorobenzene	10.963	284	240041	42.548	ng	99
69) Atrazine	11.057	200	161134	38.965	ng	98
70) Pentachlorophenol	11.157	266	151173	41.724	ng	99
71) Phenanthrene	11.380	178	1046243	41.242	ng	99
72) Anthracene	11.433	178	1092056	42.011	ng	99
73) Carbazole	11.586	167	905684	40.094	ng	99
74) Di-n-butylphthalate	11.927	149	1003694	38.885	ng	99
75) Fluoranthene	12.574	202	991823	38.058	ng	99
77) Benzidine	12.698	184	240167	54.308	ng	99
78) Pyrene	12.804	202	979878	48.985	ng	99
80) Butylbenzylphthalate	13.433	149	290651	40.591	ng	99
81) Benzo(a)anthracene	13.998	228	620000	41.276	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	202891	42.320	ng #	97
83) Chrysene	14.039	228	609076	41.174	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	305658	36.640	ng	98
85) Di-n-octyl phthalate	14.621	149	479802	38.393	ng	100
87) Indeno(1,2,3-cd)pyrene	17.021	276	820610	47.401	ng	99
88) Benzo(b)fluoranthene	15.062	252	566749	36.159	ng	100
89) Benzo(k)fluoranthene	15.092	252	576500	37.173	ng	99
90) Benzo(a)pyrene	15.439	252	589809	40.499	ng	98
91) Dibenzo(a,h)anthracene	17.045	278	675306	47.621	ng	98
92) Benzo(g,h,i)perylene	17.480	276	694045	43.291	ng	98

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

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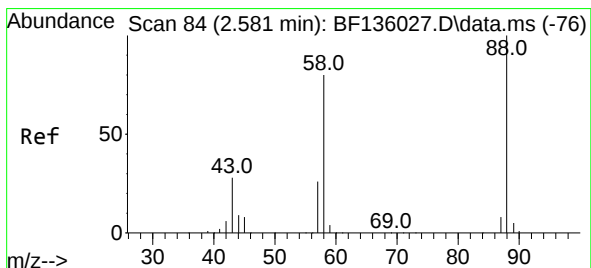
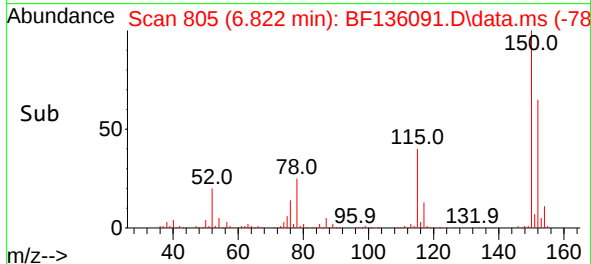
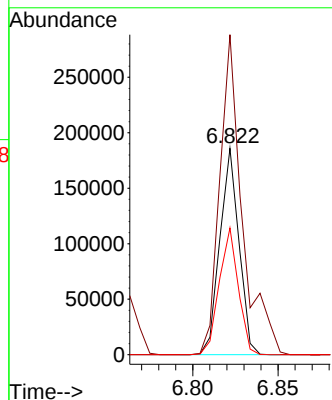
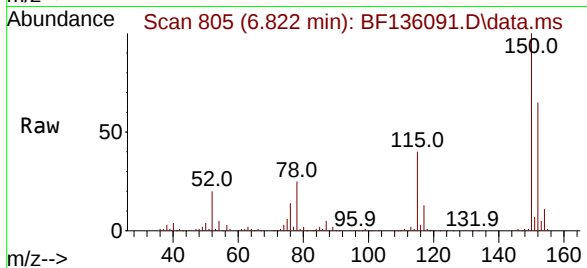




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136091.D
 Acq: 02 Nov 2023 12:54

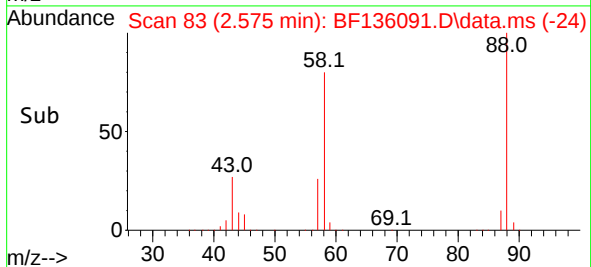
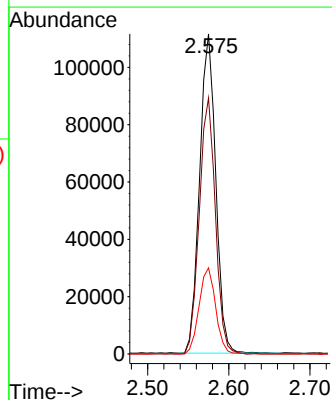
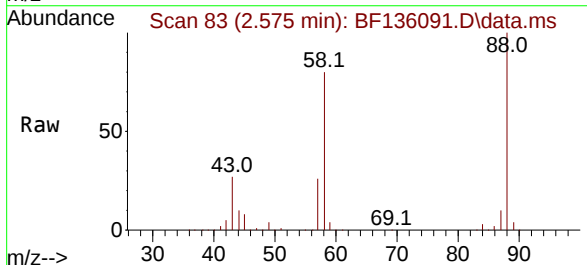
Instrument :
 BNA_F
 ClientSampleId :

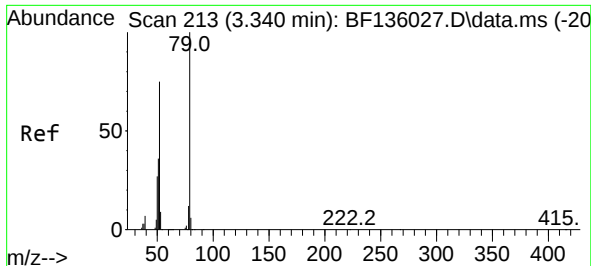
Tgt Ion:152 Resp: 145127
 Ion Ratio Lower Upper
 152 100
 150 155.0 126.4 189.6
 115 61.4 47.0 70.4



#2
 1,4-Dioxane
 Concen: 38.332 ng
 RT: 2.575 min Scan# 83
 Delta R.T. -0.006 min
 Lab File: BF136091.D
 Acq: 02 Nov 2023 12:54

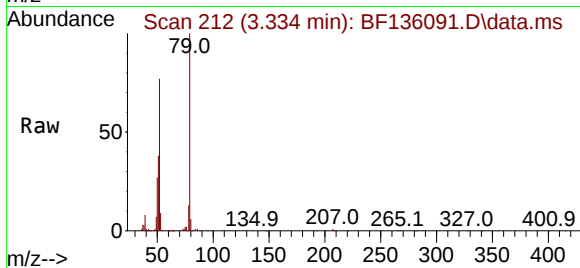
Tgt Ion: 88 Resp: 154153
 Ion Ratio Lower Upper
 88 100
 58 80.0 64.3 96.5
 43 27.6 22.3 33.5



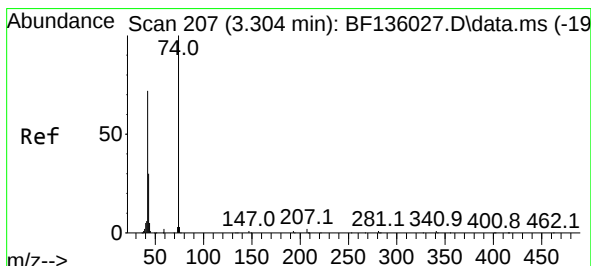
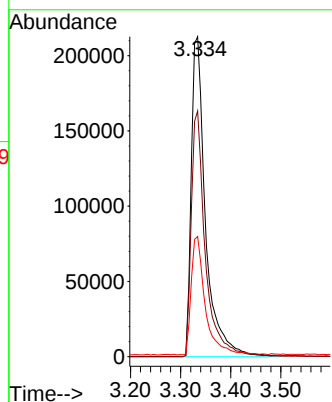
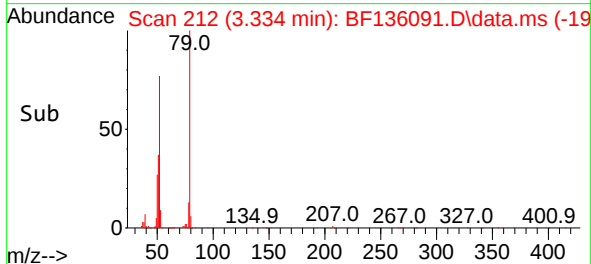


#3
 Pyridine
 Concen: 38.364 ng
 RT: 3.334 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: BF136091.D
 Acq: 02 Nov 2023 12:54

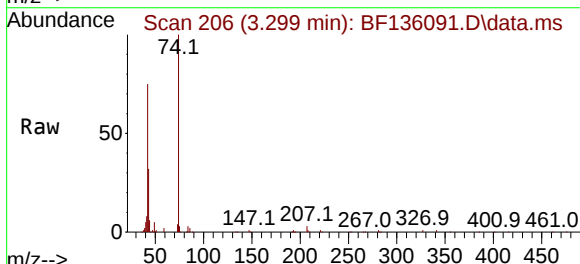
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 BNA_F
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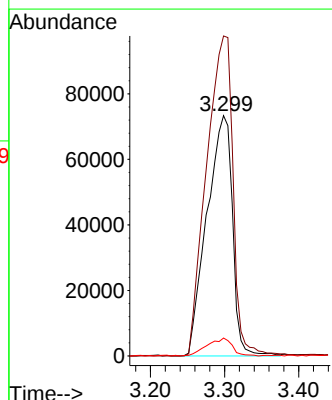
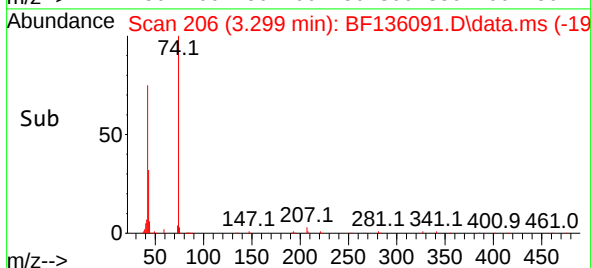
Tgt Ion: 79 Resp: 421117
 Ion Ratio Lower Upper
 79 100
 52 76.8 60.3 90.5
 51 37.6 29.3 43.9

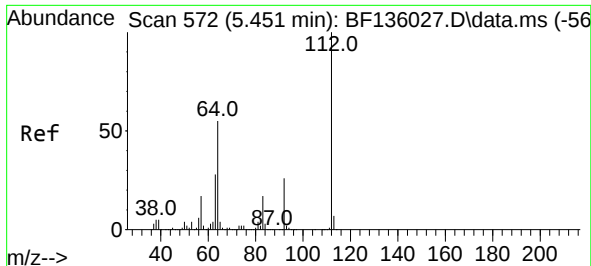


#4
 n-Nitrosodimethylamine
 Concen: 38.346 ng
 RT: 3.299 min Scan# 206
 Delta R.T. -0.006 min
 Lab File: BF136091.D
 Acq: 02 Nov 2023 12:54



Tgt Ion: 42 Resp: 175991
 Ion Ratio Lower Upper
 42 100
 74 133.2 111.8 167.6
 44 7.5 6.2 9.4

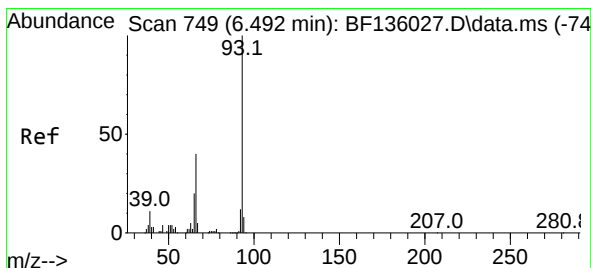
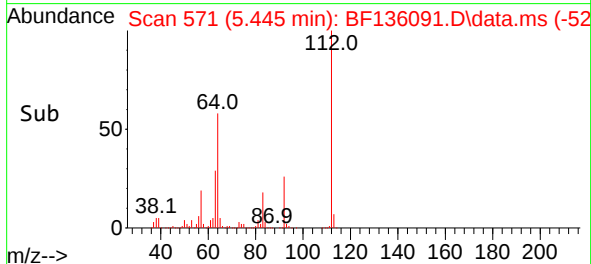
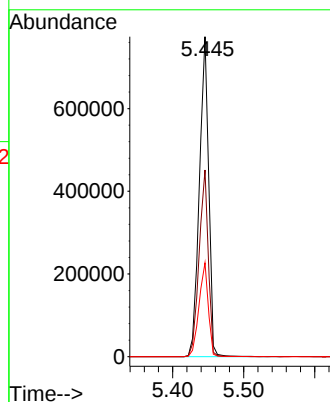
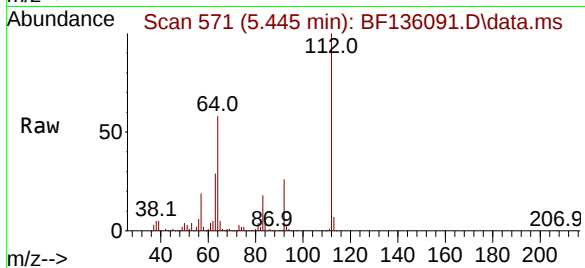




#5
2-Fluorophenol
Concen: 76.770 ng
RT: 5.445 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

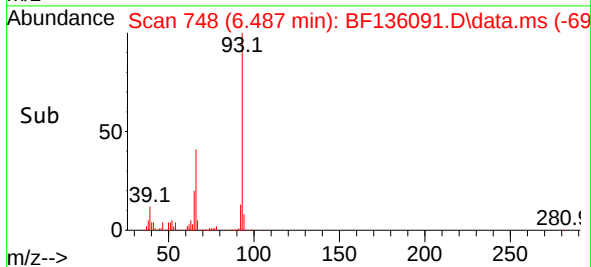
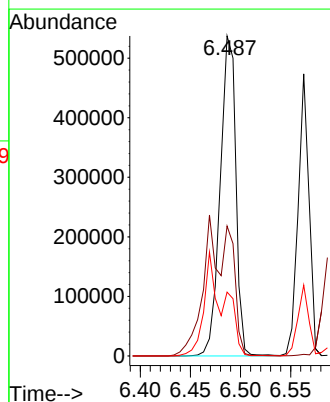
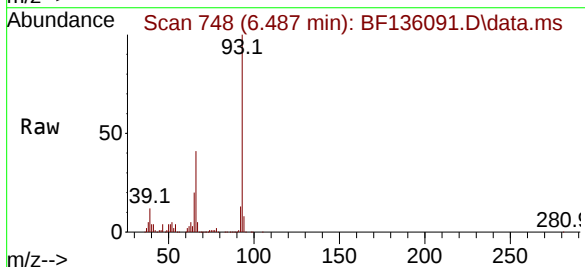
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 709003
Ion Ratio Lower Upper
112 100
64 58.3 43.9 65.9
63 29.4 22.4 33.6



#6
Aniline
Concen: 39.244 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

Tgt Ion: 93 Resp: 584656
Ion Ratio Lower Upper
93 100
66 40.6 32.4 48.6
65 20.0 16.2 24.2

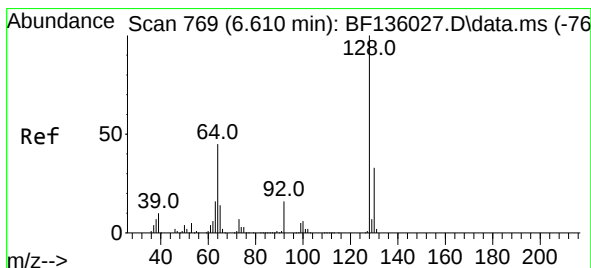
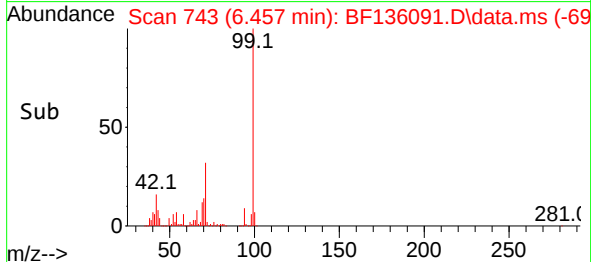
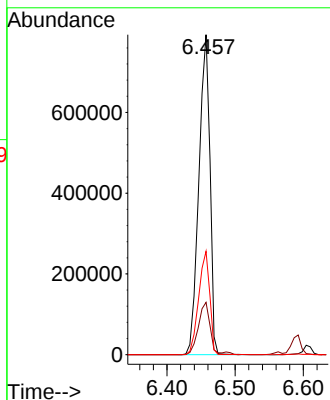
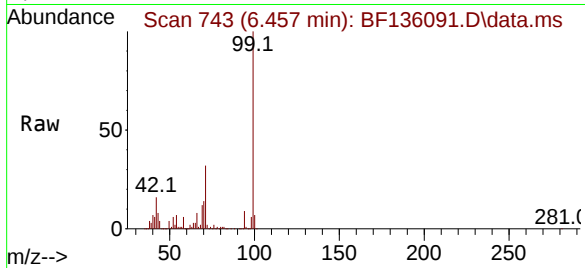




#7
Phenol-d6
Concen: 77.570 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

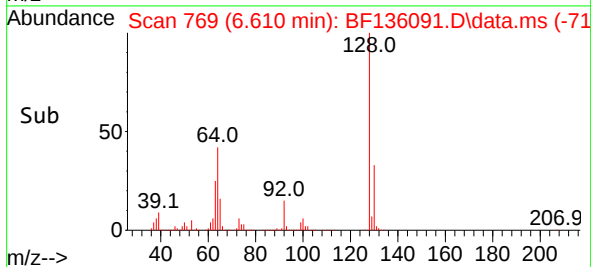
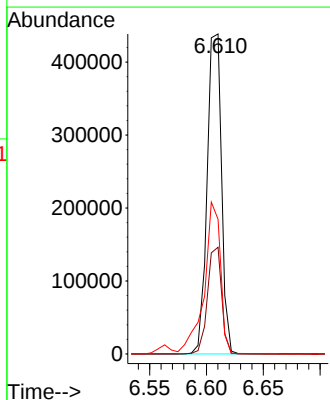
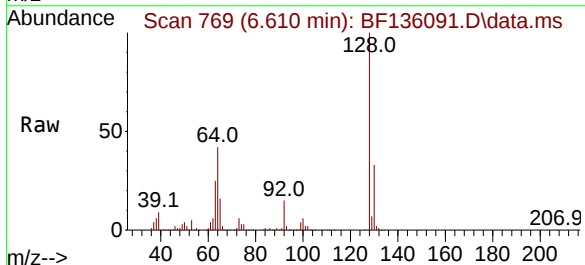
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 892592
Ion Ratio Lower Upper
99 100
42 16.4 13.7 20.5
71 32.3 25.9 38.9



#8
2-Chlorophenol
Concen: 39.089 ng
RT: 6.610 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

Tgt Ion:128 Resp: 385954
Ion Ratio Lower Upper
128 100
130 33.4 12.8 52.8
64 42.1 25.8 65.8





#9

Benzaldehyde

Concen: 38.805 ng

RT: 6.375 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136091.D

Acq: 02 Nov 2023 12:54

Instrument :

BNA_F

ClientSampleId :

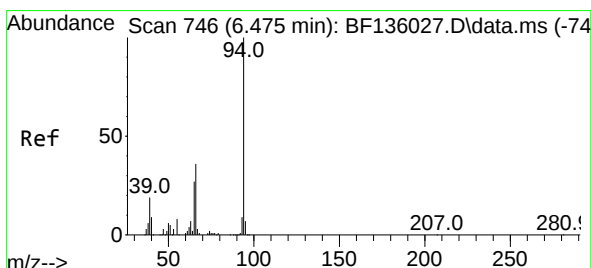
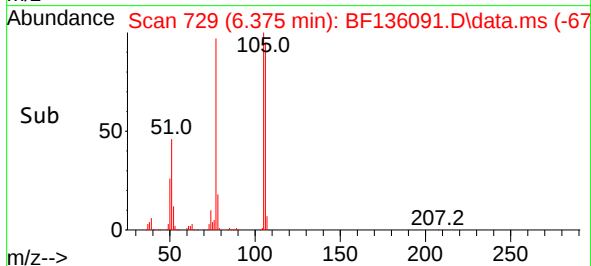
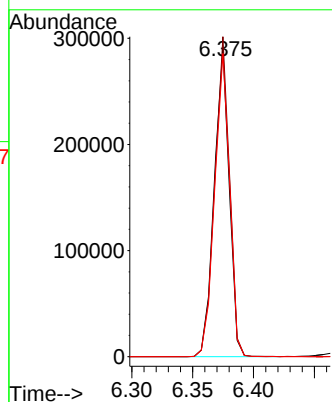
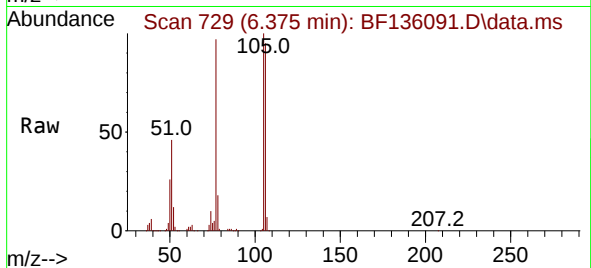
Tgt Ion: 77 Resp: 248984

Ion Ratio Lower Upper

77 100

105 103.5 85.7 125.7

106 98.1 79.8 119.8



#10

Phenol

Concen: 40.816 ng

RT: 6.469 min Scan# 745

Delta R.T. -0.006 min

Lab File: BF136091.D

Acq: 02 Nov 2023 12:54

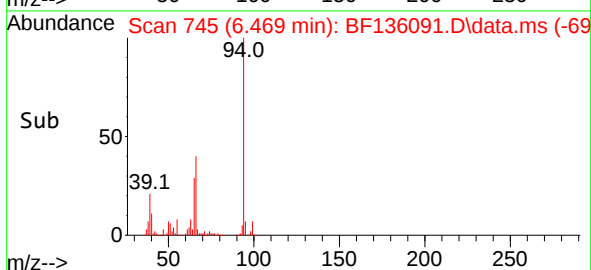
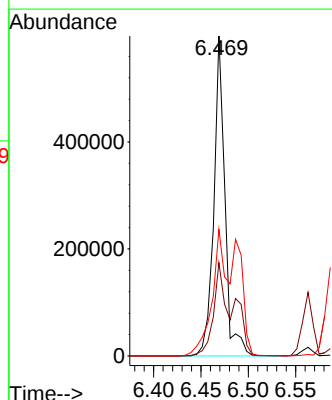
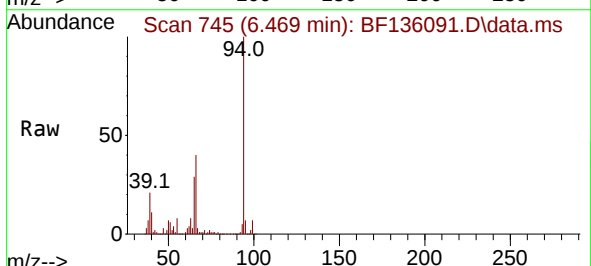
Tgt Ion: 94 Resp: 485775

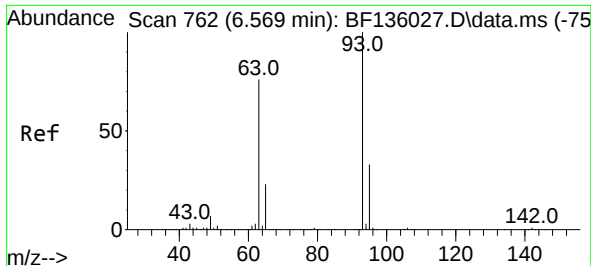
Ion Ratio Lower Upper

94 100

65 29.1 7.5 47.5

66 39.6 17.1 57.1

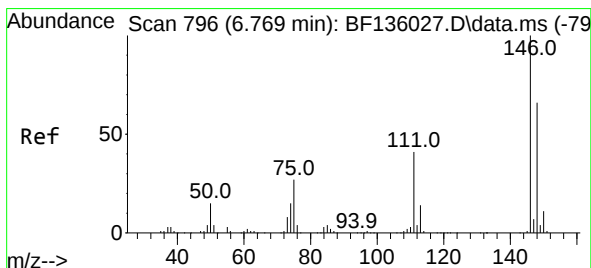
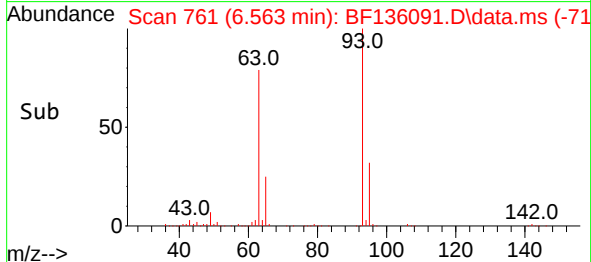
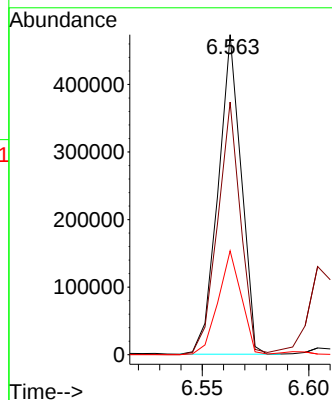
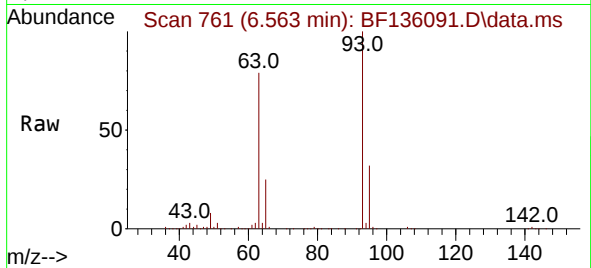




#11
bis(2-Chloroethyl)ether
Concen: 38.259 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

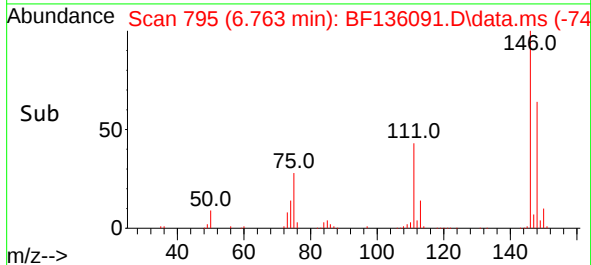
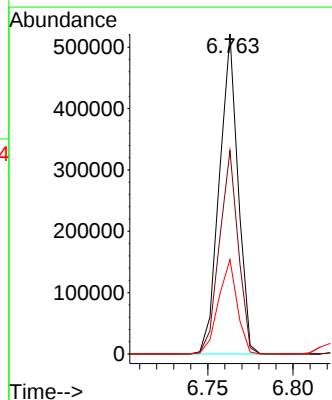
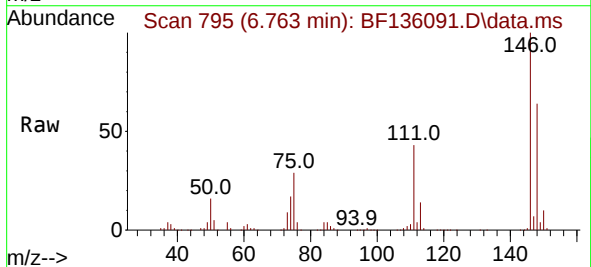
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 356472
Ion Ratio Lower Upper
93 100
63 79.0 55.8 95.8
95 32.4 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 38.640 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

Tgt Ion: 146 Resp: 397089
Ion Ratio Lower Upper
146 100
148 63.6 52.6 78.8
75 29.5 21.6 32.4





#13

1,4-Dichlorobenzene

Concen: 39.000 ng

RT: 6.839 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF136091.D

Acq: 02 Nov 2023 12:54

Instrument :

BNA_F

ClientSampleId :

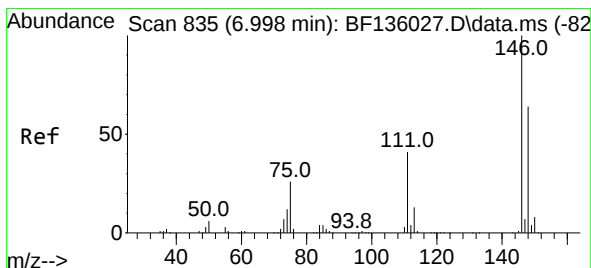
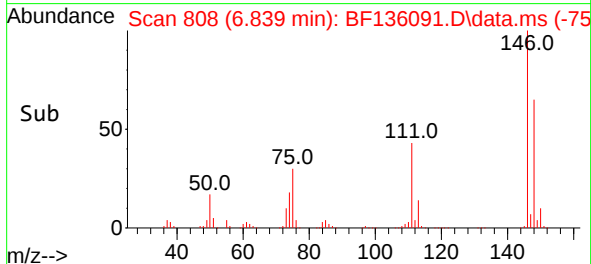
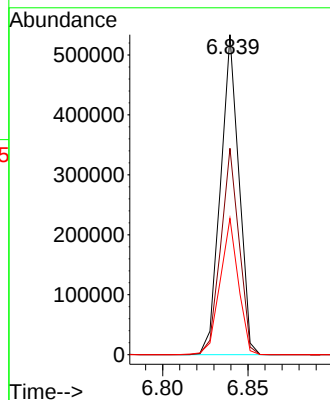
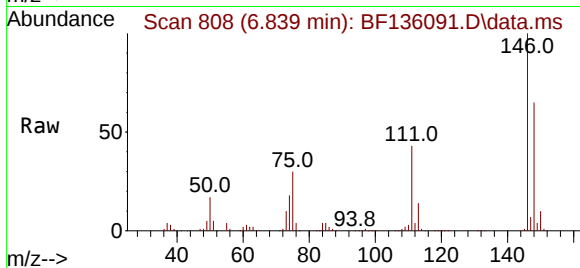
Tgt Ion:146 Resp: 401657

Ion Ratio Lower Upper

146 100

148 64.5 52.1 78.1

111 42.6 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 38.653 ng

RT: 6.992 min Scan# 834

Delta R.T. -0.006 min

Lab File: BF136091.D

Acq: 02 Nov 2023 12:54

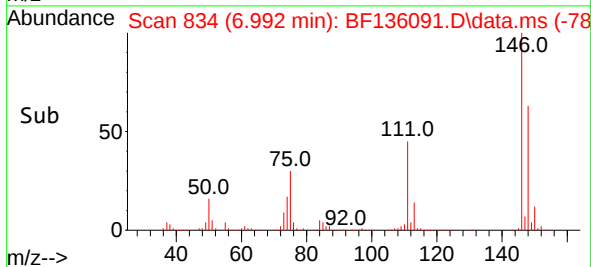
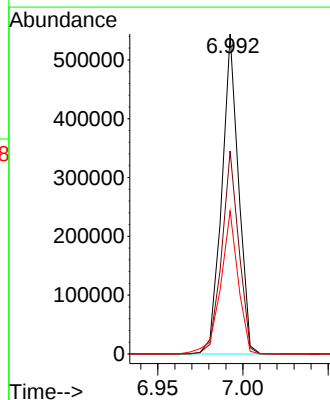
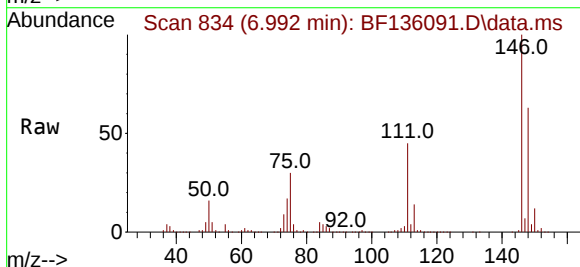
Tgt Ion:146 Resp: 372223

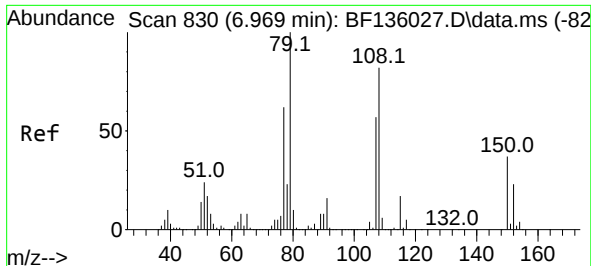
Ion Ratio Lower Upper

146 100

148 63.4 51.4 77.2

111 44.7 33.0 49.4

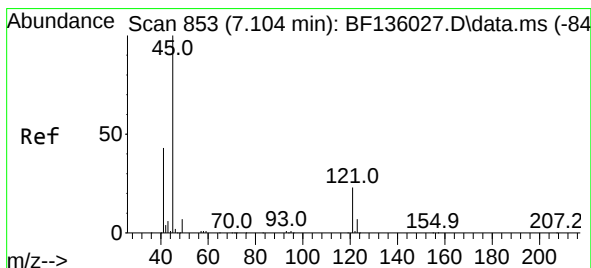
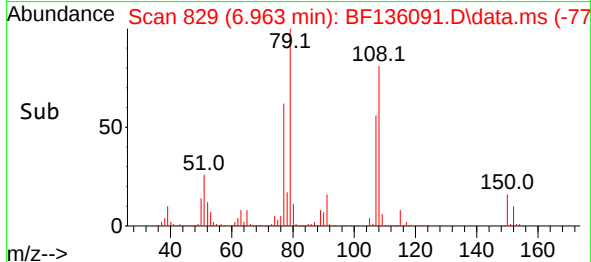
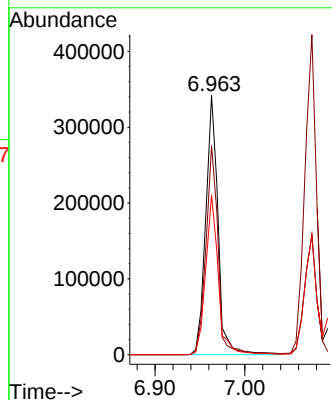
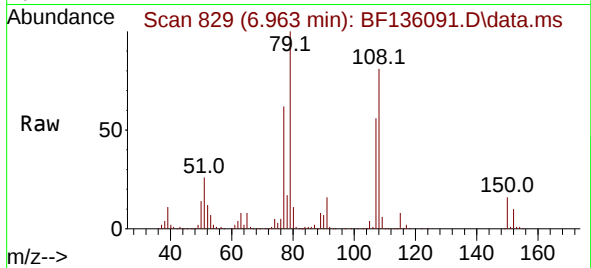




#15
Benzyl Alcohol
Concen: 39.816 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

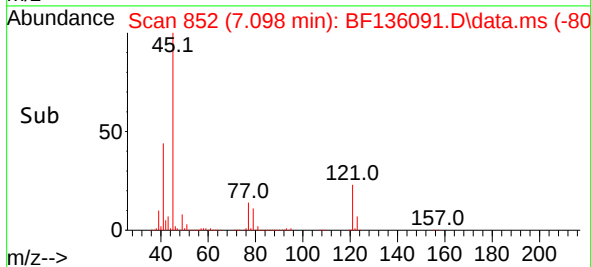
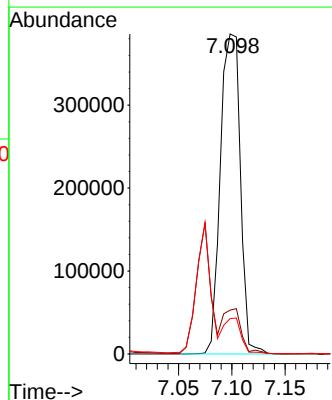
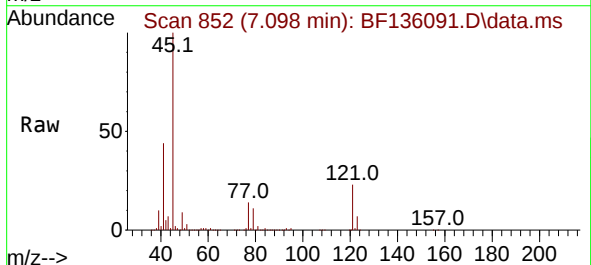
Instrument :
BNA_F
ClientSampleId :

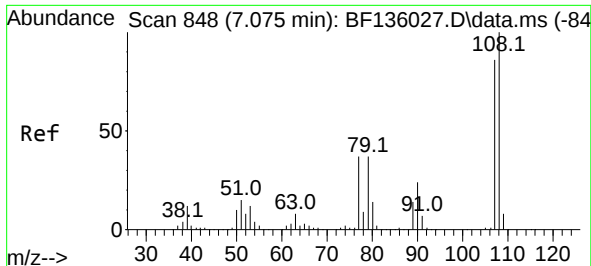
Tgt Ion: 79 Resp: 324855
Ion Ratio Lower Upper
79 100
108 80.6 65.9 98.9
77 61.6 49.4 74.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.095 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

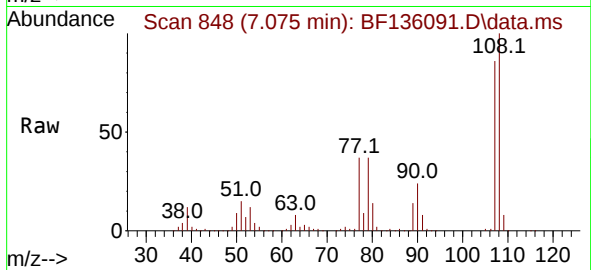
Tgt Ion: 45 Resp: 501385
Ion Ratio Lower Upper
45 100
77 13.7 0.0 34.6
79 11.1 0.0 30.6



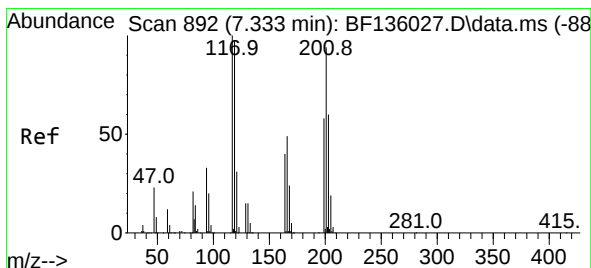
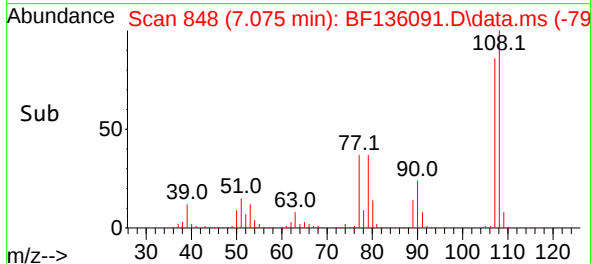
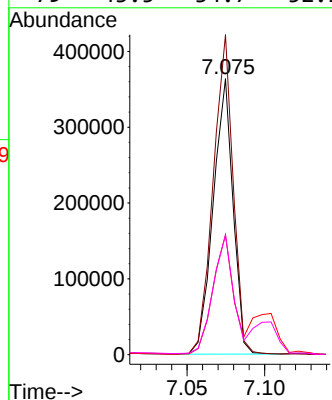


#17
2-Methylphenol
Concen: 38.693 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

Instrument :
BNA_F
ClientSampleId :

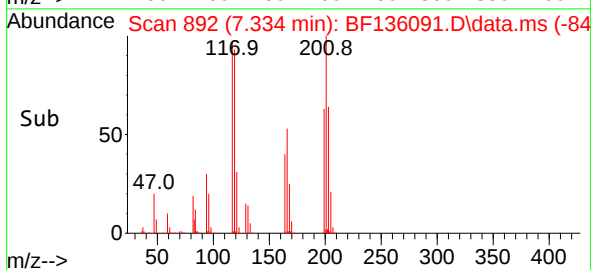
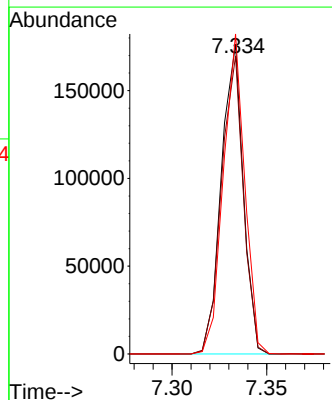
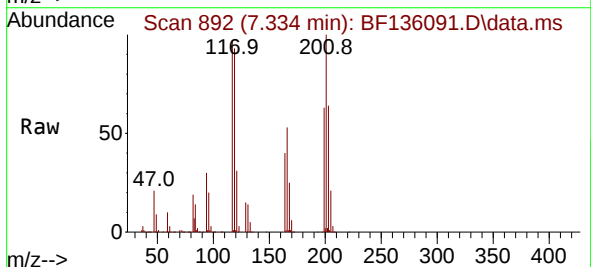


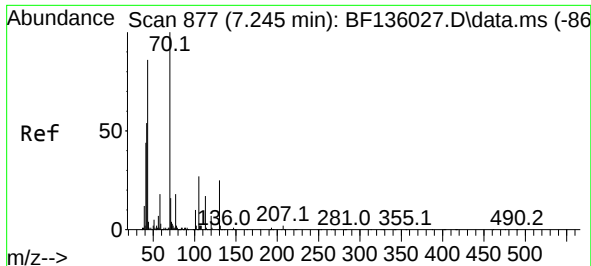
Tgt Ion:	107	Resp:	324100
Ion	Ratio	Lower	Upper
107	100		
108	115.9	93.4	140.2
77	43.3	34.4	51.6
79	43.5	34.7	52.1



#18
Hexachloroethane
Concen: 39.334 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

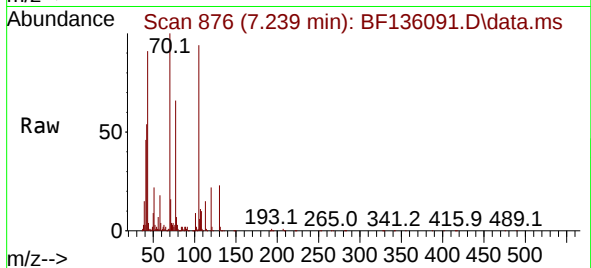
Tgt Ion:	117	Resp:	142381
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.7	116.5
201	103.2	75.0	112.6





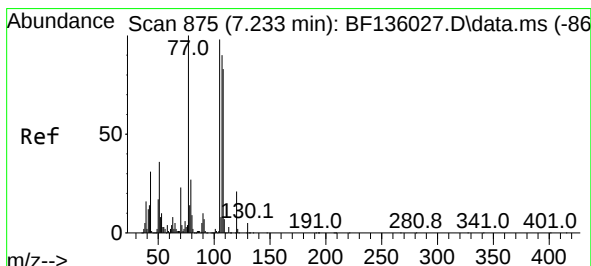
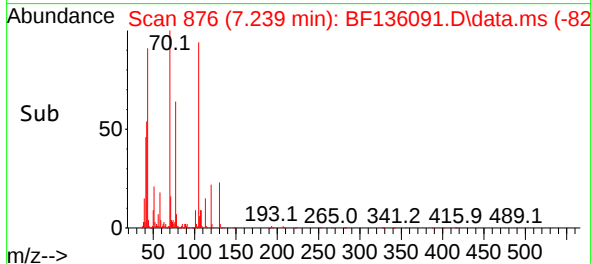
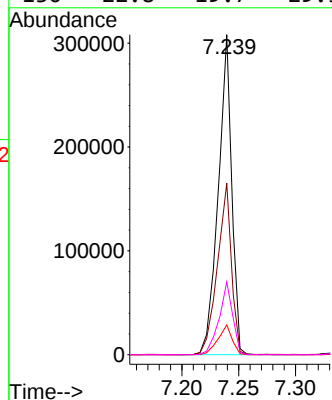
#19
n-Nitroso-di-n-propylamine
Concen: 38.826 ng
RT: 7.239 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 70 Resp: 255274

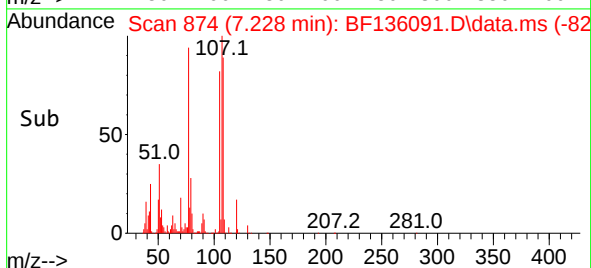
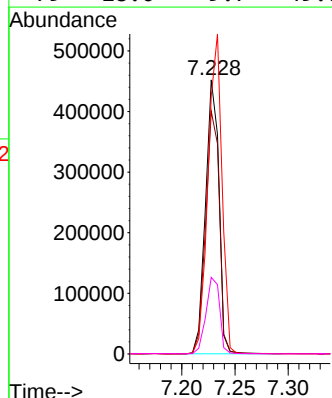
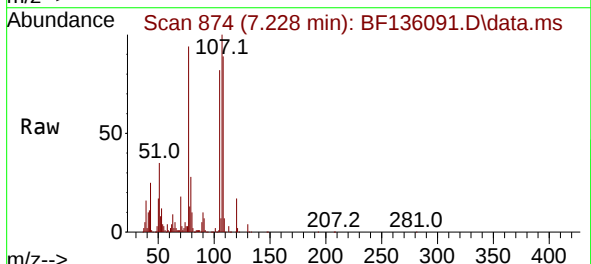
Ion	Ratio	Lower	Upper
70	100		
42	53.6	43.0	64.4
101	9.3	8.0	12.0
130	22.8	19.7	29.5

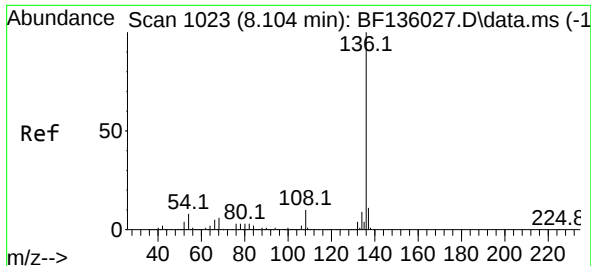


#20
3+4-Methylphenols
Concen: 38.955 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

Tgt Ion: 107 Resp: 397890

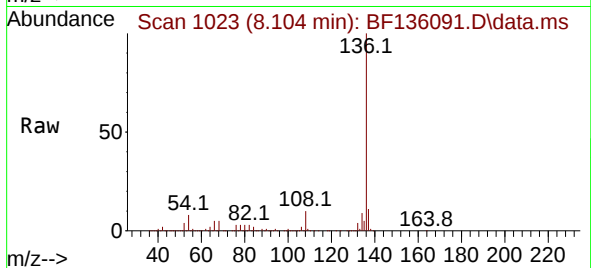
Ion	Ratio	Lower	Upper
107	100		
108	88.6	72.3	112.3
77	94.0	91.4	131.4
79	28.0	9.7	49.7



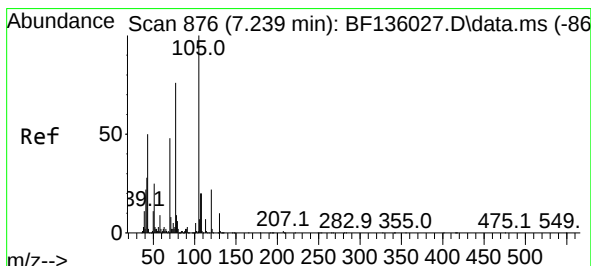
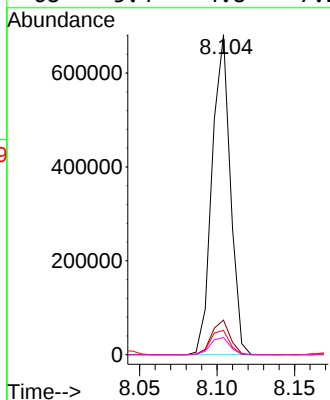
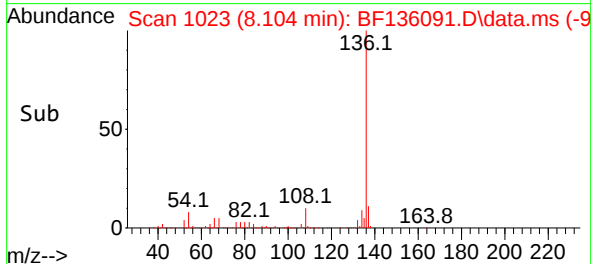


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

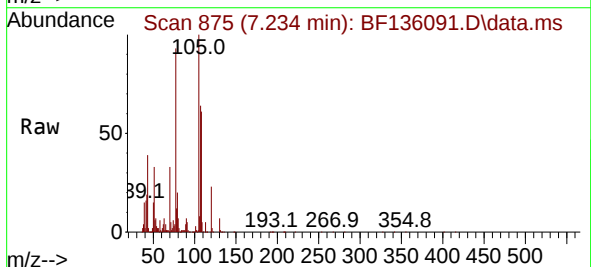
Instrument :
BNA_F
ClientSampleId :



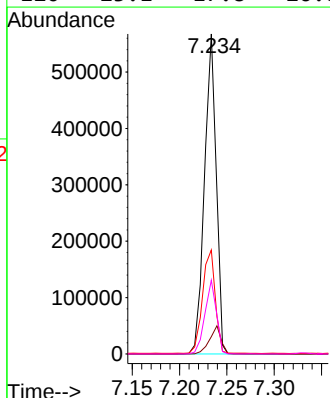
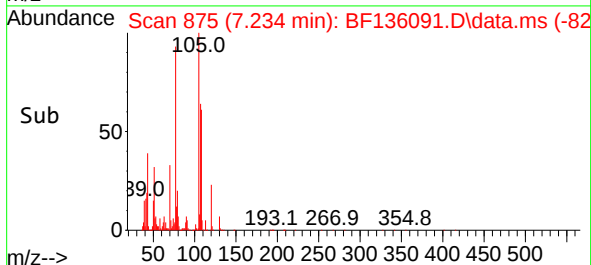
Tgt Ion:	136	Resp:	557101
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	7.6	6.6	9.8
68	5.4	4.8	7.2

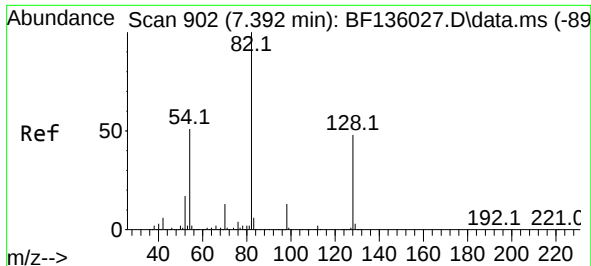


#22
Acetophenone
Concen: 39.598 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54



Tgt Ion:	105	Resp:	489165
Ion Ratio	Lower	Upper	
105	100		
71	5.4	6.5	9.7#
51	32.5	20.3	30.5#
120	23.1	17.8	26.8

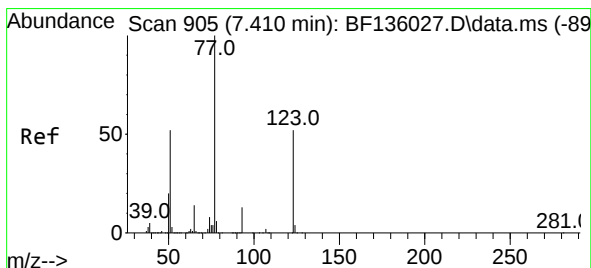
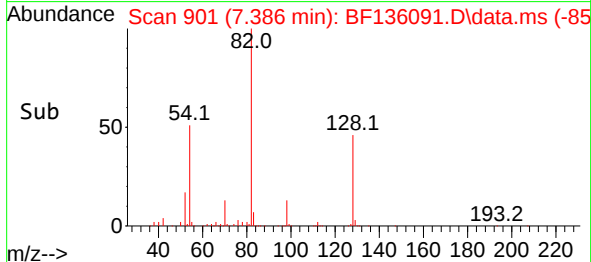
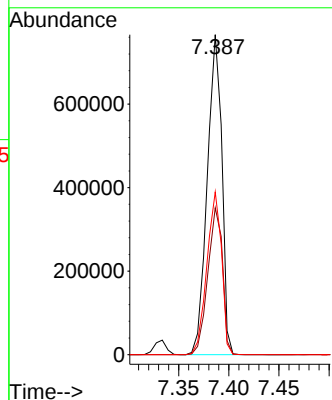
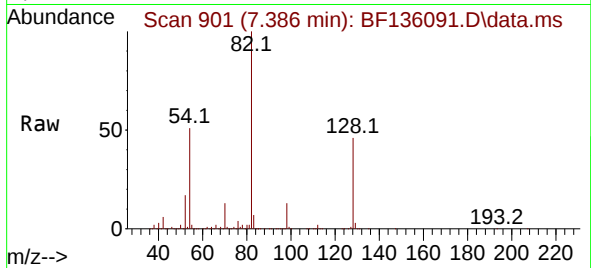




#23
Nitrobenzene-d5
Concen: 84.279 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

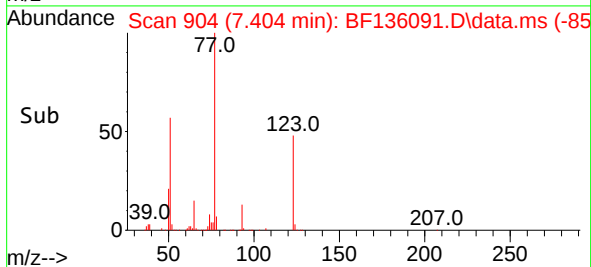
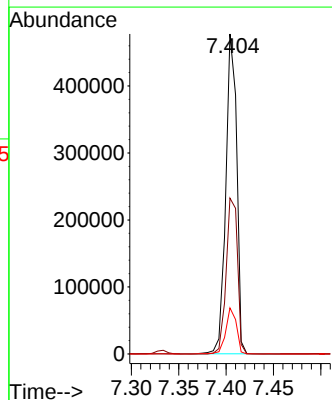
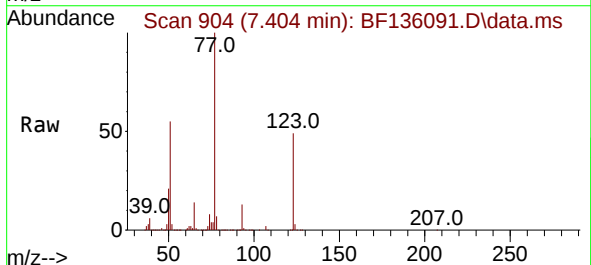
Instrument :
BNA_F
ClientSampleId :

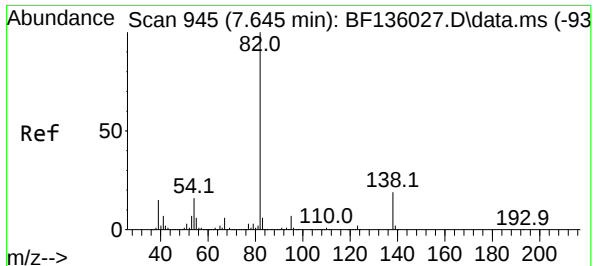
Tgt Ion: 82 Resp: 778861
Ion Ratio Lower Upper
82 100
128 45.9 38.6 57.8
54 50.9 40.8 61.2



#24
Nitrobenzene
Concen: 41.106 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

Tgt Ion: 77 Resp: 384260
Ion Ratio Lower Upper
77 100
123 48.7 42.3 63.5
65 14.4 11.0 16.6

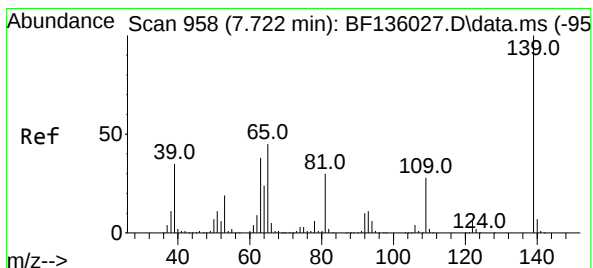
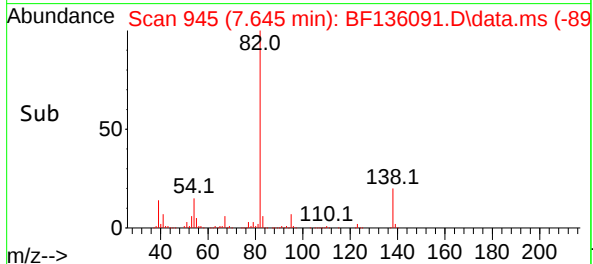
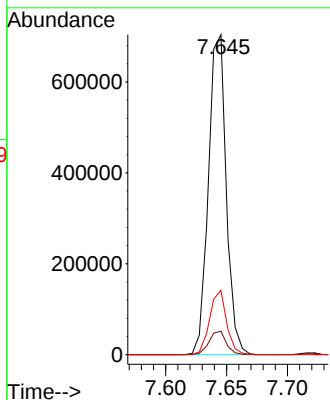
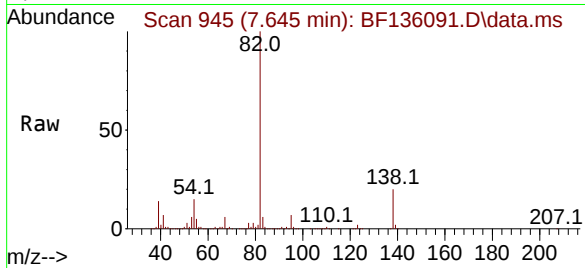




#25
Isophorone
Concen: 41.052 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

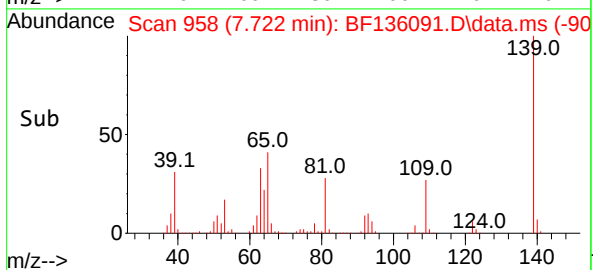
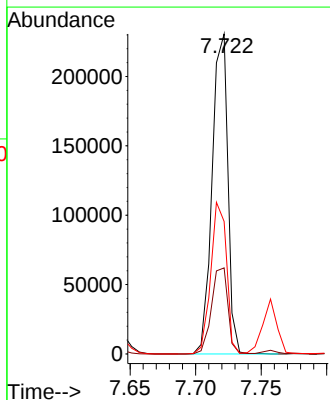
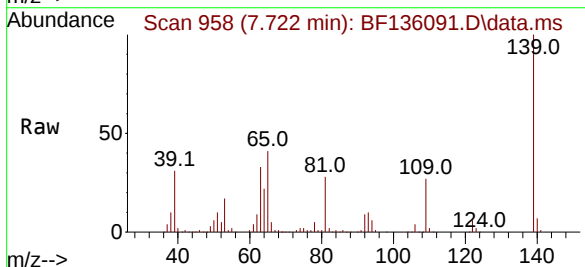
Instrument :
BNA_F
ClientSampleId :

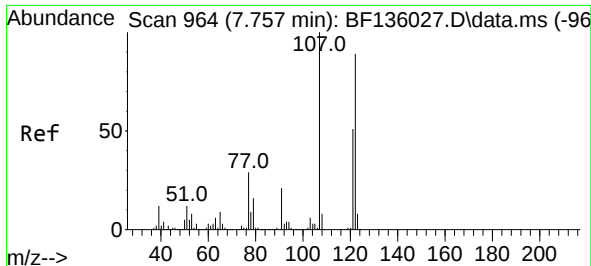
Tgt Ion: 82 Resp: 716227
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 20.1 15.3 22.9



#26
2-Nitrophenol
Concen: 45.049 ng
RT: 7.722 min Scan# 958
Delta R.T. 0.000 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

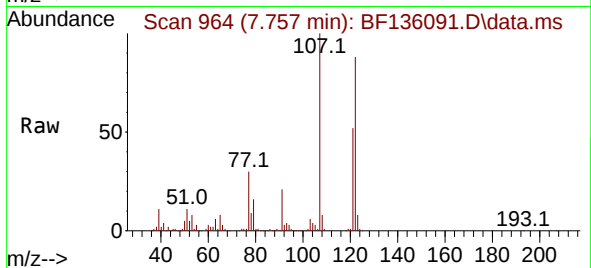
Tgt Ion:139 Resp: 192134
Ion Ratio Lower Upper
139 100
109 26.9 22.6 34.0
65 41.4 36.3 54.5



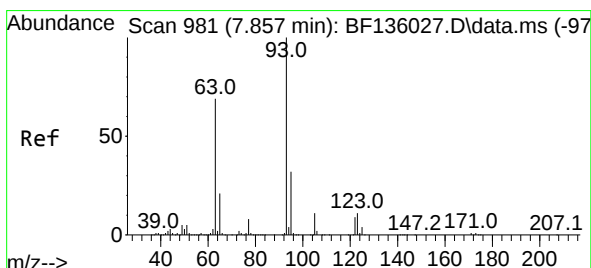
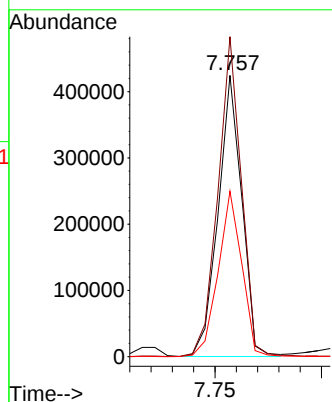
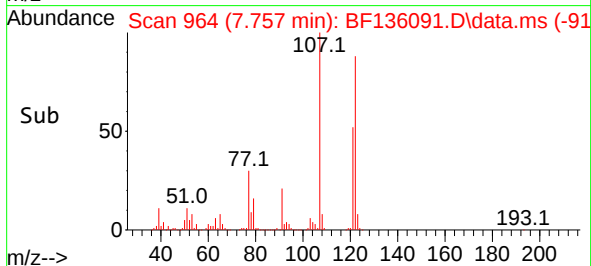


#27
2,4-Dimethylphenol
Concen: 40.567 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

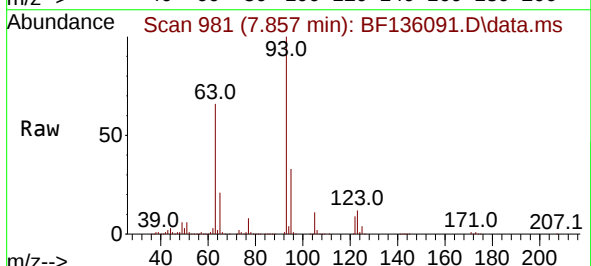
Instrument :
BNA_F
ClientSampleId :



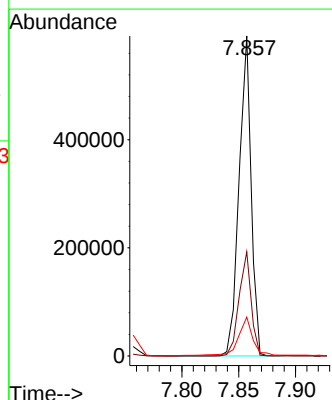
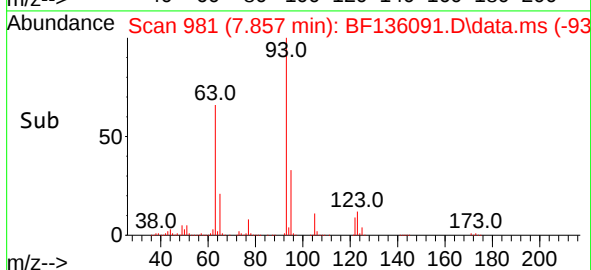
Tgt Ion:122 Resp: 326950
Ion Ratio Lower Upper
122 100
107 113.7 89.6 134.4
121 58.8 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 40.768 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54



Tgt Ion: 93 Resp: 435804
Ion Ratio Lower Upper
93 100
95 32.6 25.7 38.5
123 12.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 42.021 ng

RT: 7.957 min Scan# 999

Delta R.T. -0.006 min

Lab File: BF136091.D

Acq: 02 Nov 2023 12:54

Instrument :

BNA_F

ClientSampleId :

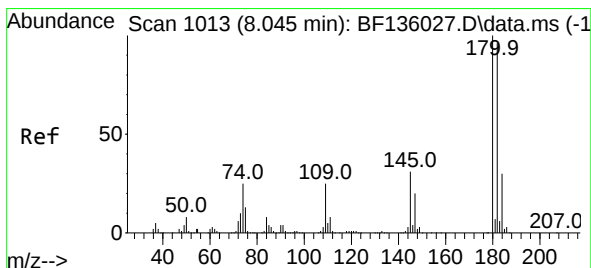
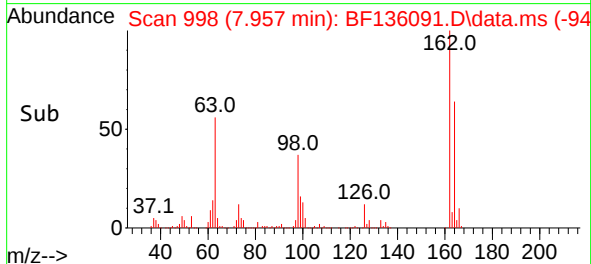
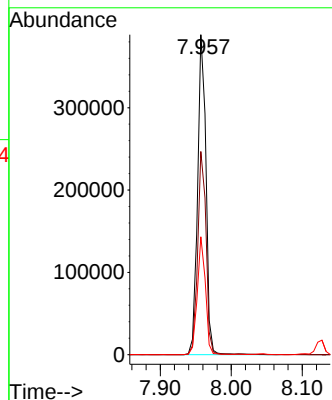
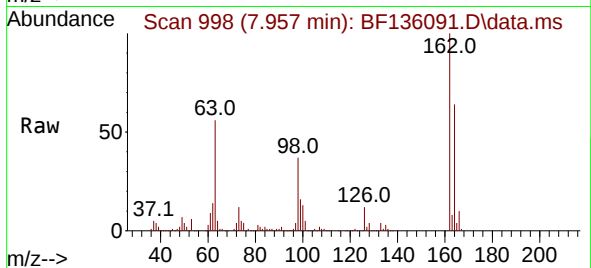
Tgt Ion:162 Resp: 319266

Ion Ratio Lower Upper

162 100

164 63.5 45.5 85.5

98 36.9 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 40.646 ng

RT: 8.045 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF136091.D

Acq: 02 Nov 2023 12:54

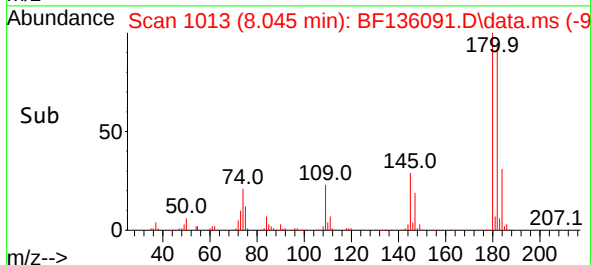
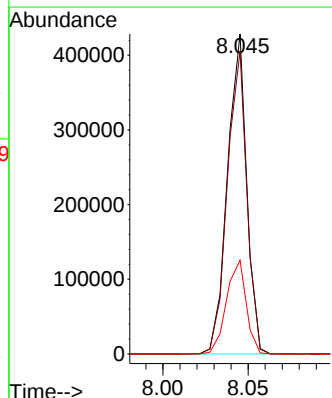
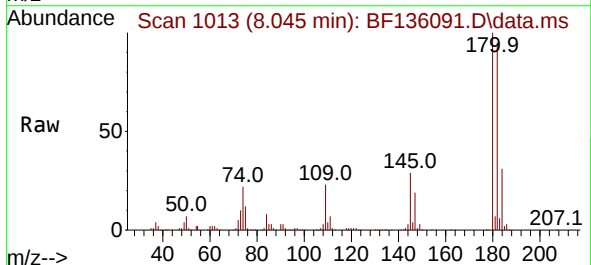
Tgt Ion:180 Resp: 336887

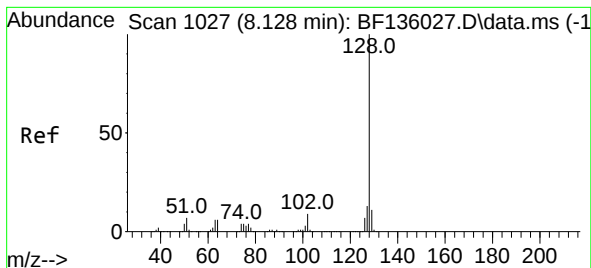
Ion Ratio Lower Upper

180 100

182 94.7 76.9 115.3

145 29.3 24.7 37.1





#31

Naphthalene

Concen: 41.038 ng

RT: 8.128 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136091.D

Acq: 02 Nov 2023 12:54

Instrument :

BNA_F

ClientSampleId :

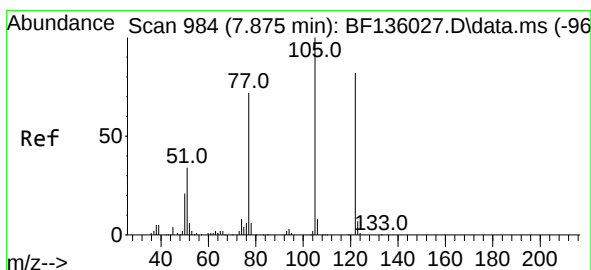
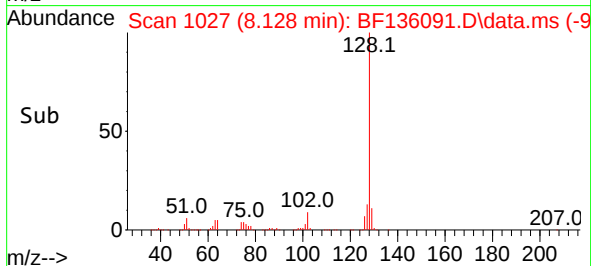
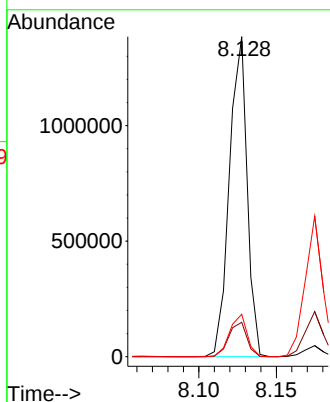
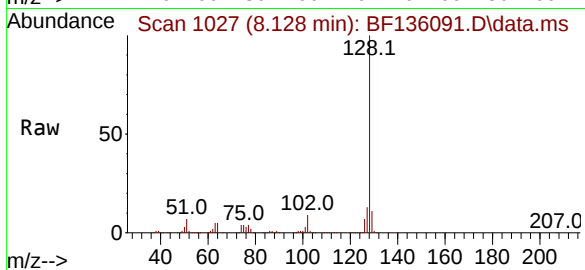
Tgt Ion:128 Resp: 1102478

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

127 13.2 10.5 15.7



#32

Benzoic acid

Concen: 31.017 ng

RT: 7.875 min Scan# 984

Delta R.T. -0.000 min

Lab File: BF136091.D

Acq: 02 Nov 2023 12:54

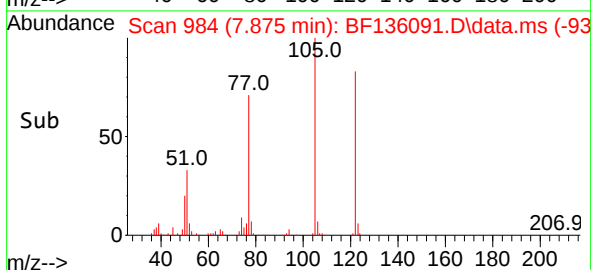
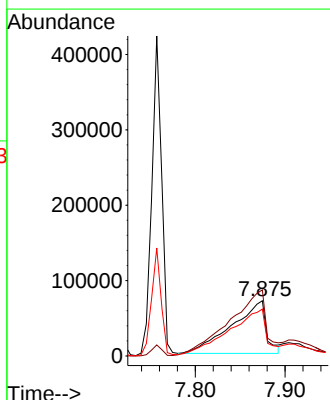
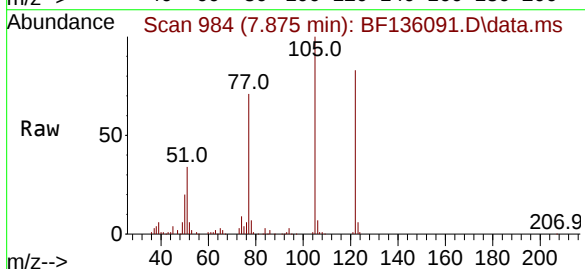
Tgt Ion:122 Resp: 187182

Ion Ratio Lower Upper

122 100

105 119.9 99.5 139.5

77 84.9 66.8 106.8





#33

4-Chloroaniline

Concen: 40.788 ng

RT: 8.175 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BF136091.D

Acq: 02 Nov 2023 12:54

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:127 Resp: 479868

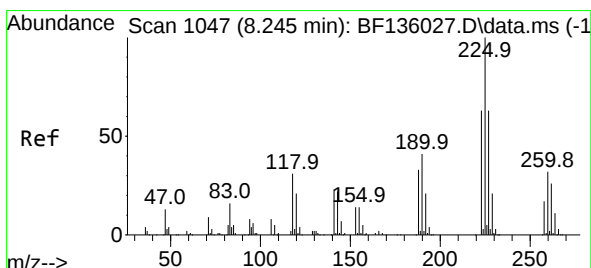
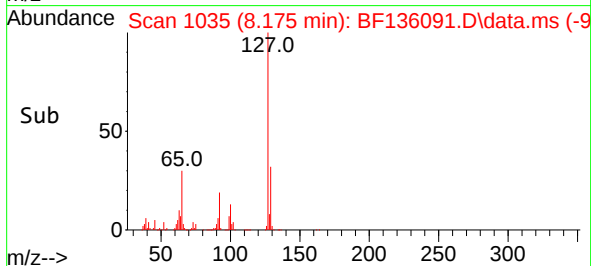
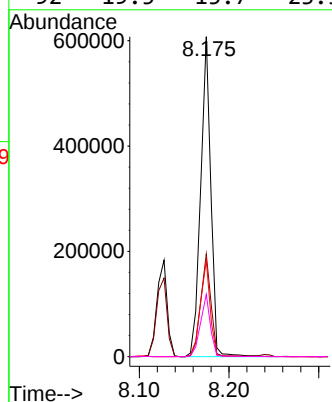
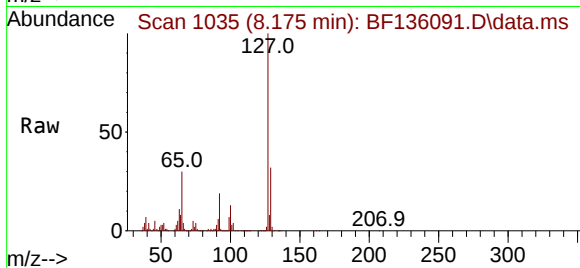
Ion Ratio Lower Upper

127 100

129 32.1 25.9 38.9

65 30.1 24.6 37.0

92 19.5 15.7 23.5



#34

Hexachlorobutadiene

Concen: 41.512 ng

RT: 8.239 min Scan# 1046

Delta R.T. -0.006 min

Lab File: BF136091.D

Acq: 02 Nov 2023 12:54

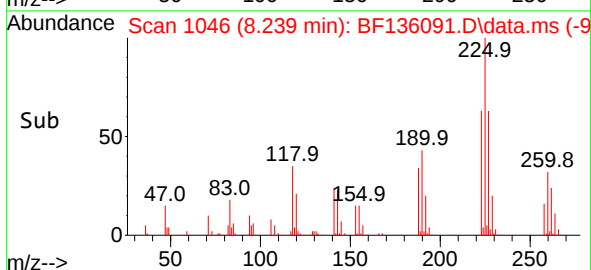
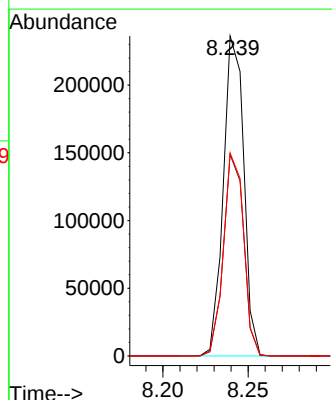
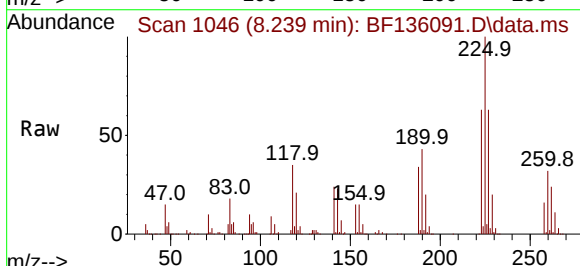
Tgt Ion:225 Resp: 197316

Ion Ratio Lower Upper

225 100

223 62.9 50.3 75.5

227 63.4 50.6 75.8

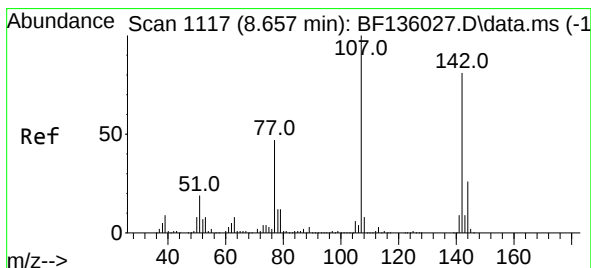
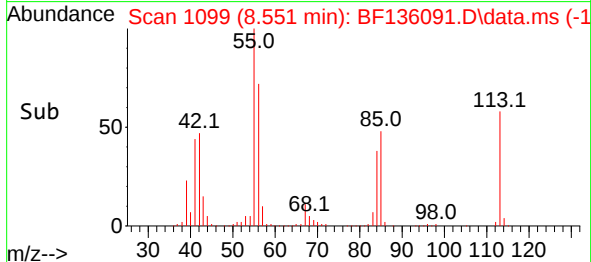
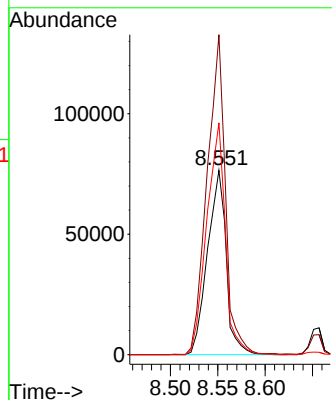
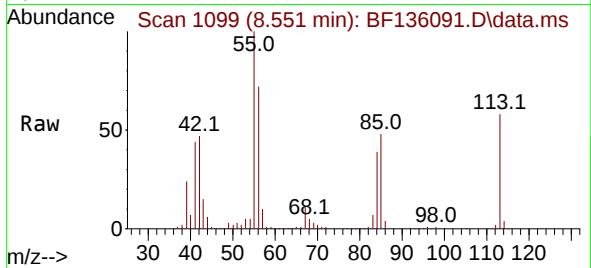




#35
Caprolactam
Concen: 42.268 ng
RT: 8.551 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

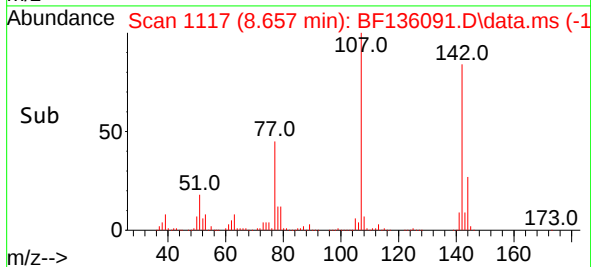
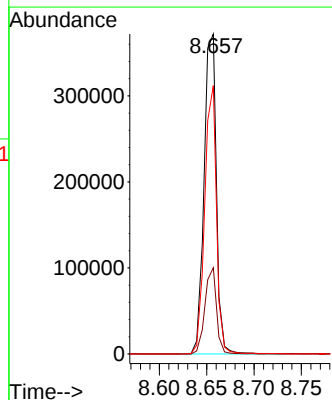
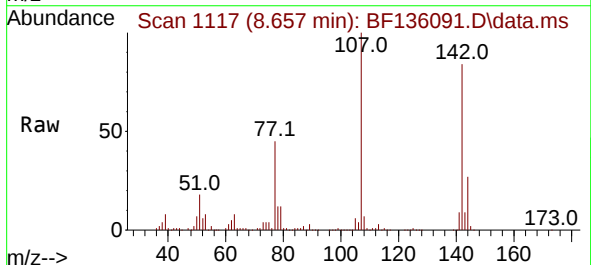
Instrument :
BNA_F
ClientSampleId :

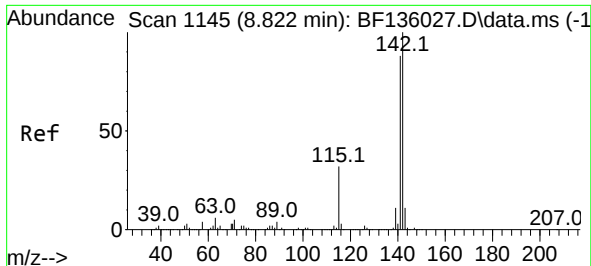
Tgt Ion:113 Resp: 104424
Ion Ratio Lower Upper
113 100
55 173.6 142.2 182.2
56 125.8 97.7 137.7



#36
4-Chloro-3-methylphenol
Concen: 42.354 ng
RT: 8.657 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

Tgt Ion:107 Resp: 337840
Ion Ratio Lower Upper
107 100
144 26.9 20.6 31.0
142 83.9 64.6 97.0

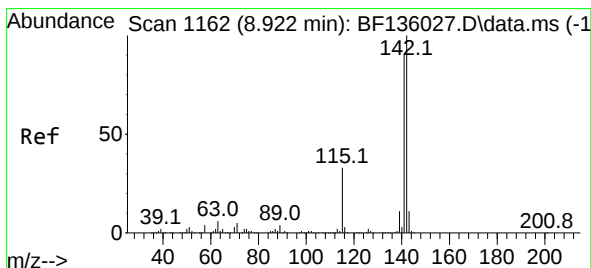
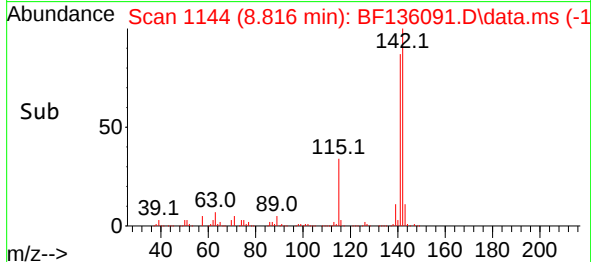
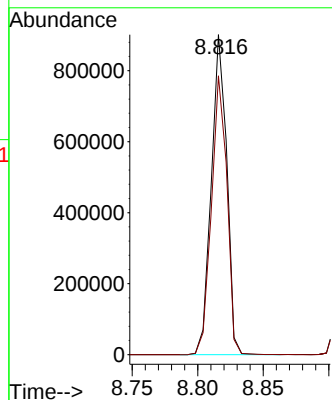
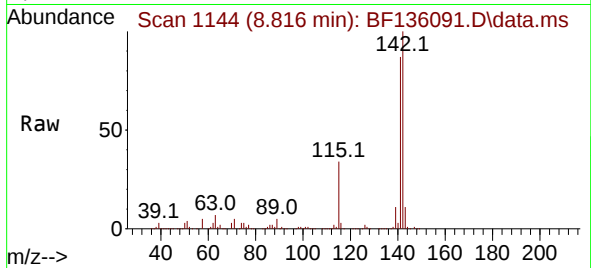




#37
2-Methylnaphthalene
Concen: 40.931 ng
RT: 8.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

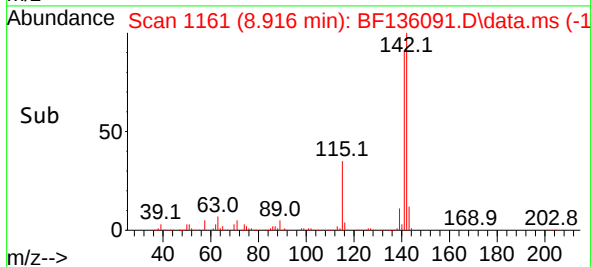
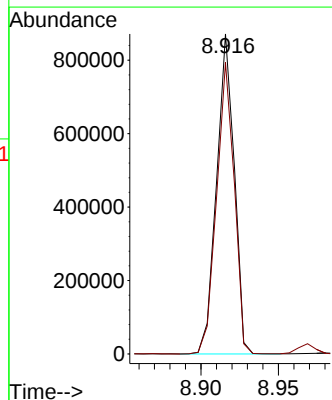
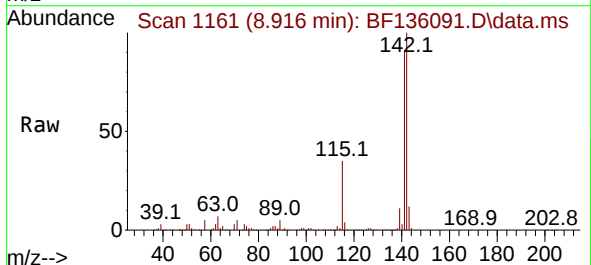
Instrument :
BNA_F
ClientSampleId :

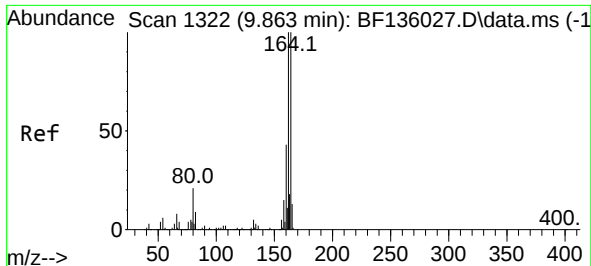
Tgt Ion:142 Resp: 737289
Ion Ratio Lower Upper
142 100
141 87.2 70.4 105.6



#38
1-Methylnaphthalene
Concen: 41.130 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

Tgt Ion:142 Resp: 689479
Ion Ratio Lower Upper
142 100
141 91.1 72.6 109.0

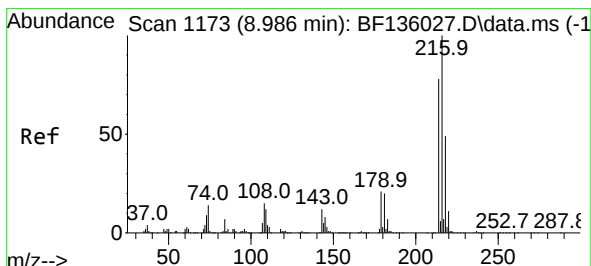
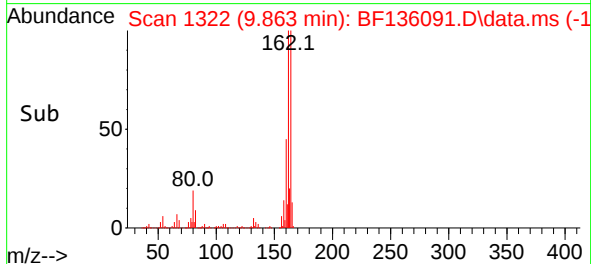
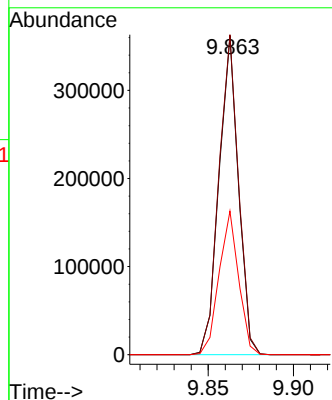
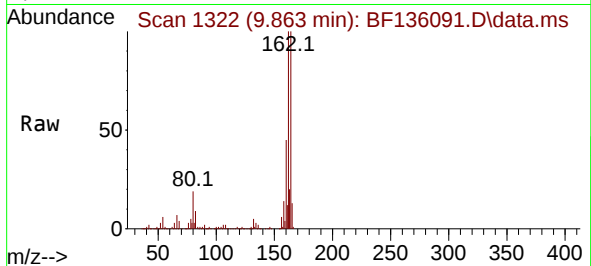




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

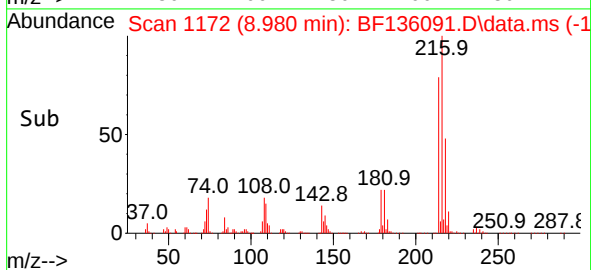
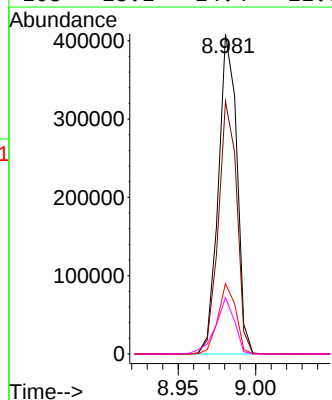
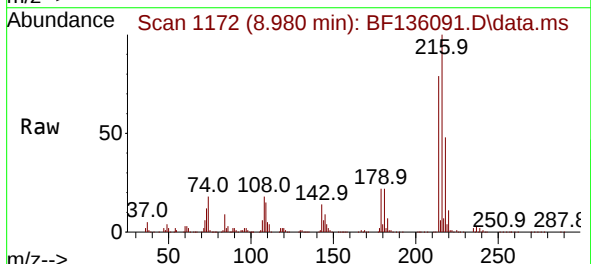
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 286654
Ion Ratio Lower Upper
164 100
162 100.4 80.1 120.1
160 45.0 34.8 52.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.482 ng
RT: 8.980 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

Tgt Ion:216 Resp: 339117
Ion Ratio Lower Upper
216 100
214 78.4 63.8 95.6
179 21.3 17.5 26.3
108 18.1 14.4 21.6

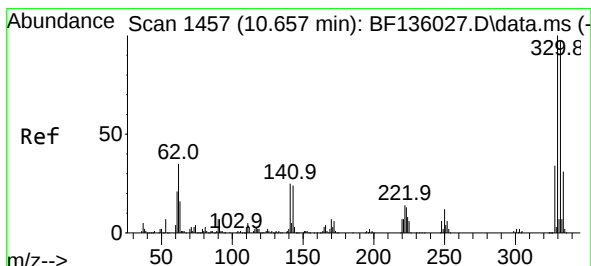
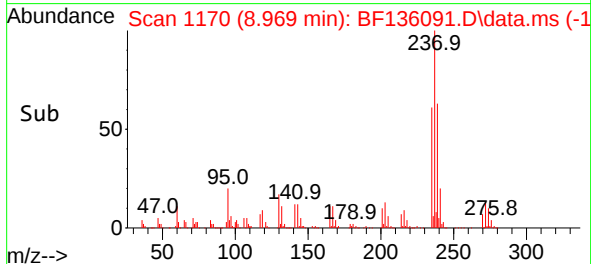
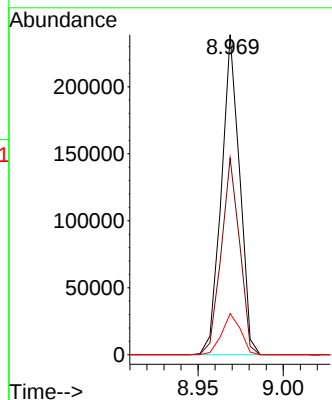
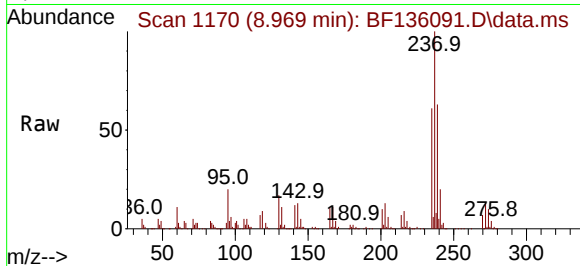




#41
Hexachlorocyclopentadiene
Concen: 40.709 ng
RT: 8.969 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

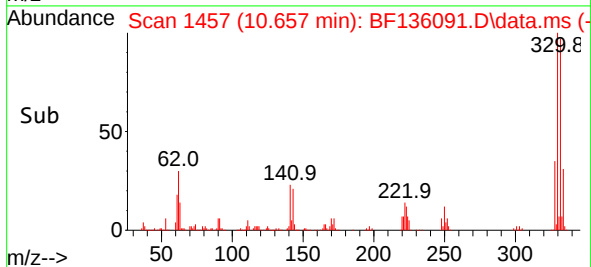
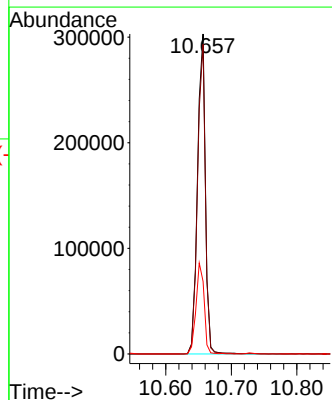
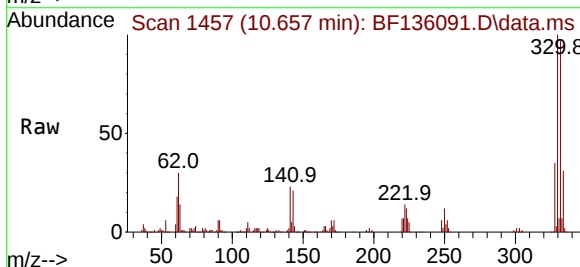
Instrument :
BNA_F
ClientSampleId :

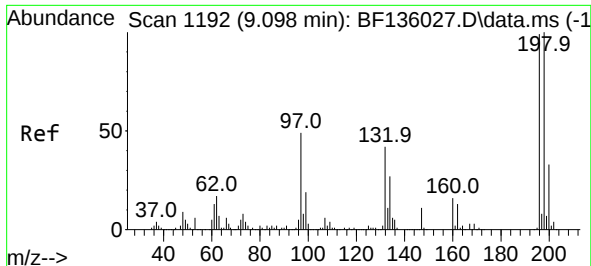
Tgt Ion:237 Resp: 177800
Ion Ratio Lower Upper
237 100
235 61.5 43.3 83.3
272 12.8 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 83.031 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

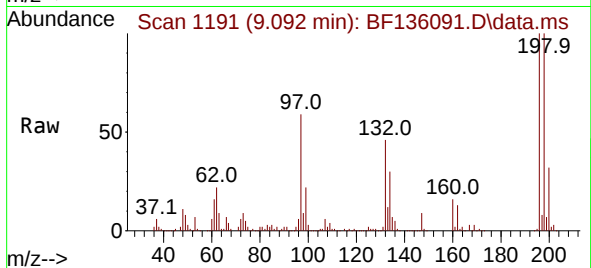
Tgt Ion:330 Resp: 254047
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 29.3 23.2 34.8



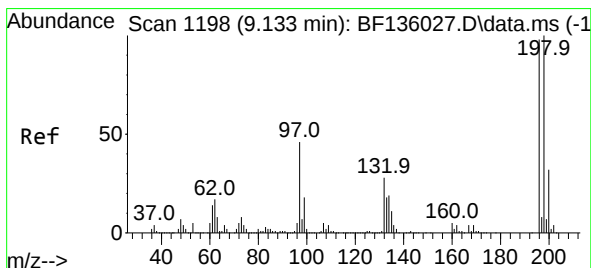
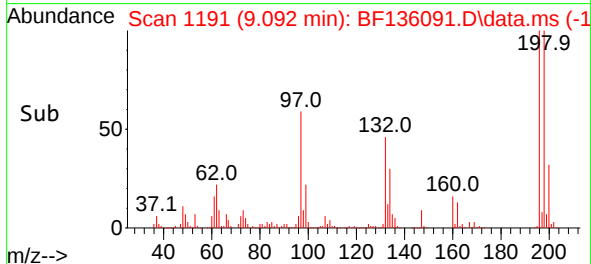
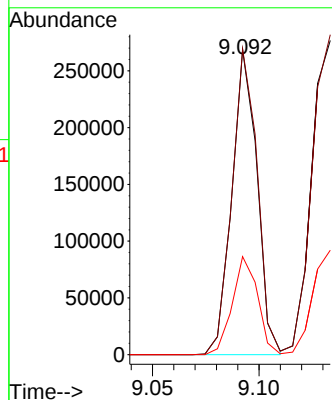


#43
2,4,6-Trichlorophenol
Concen: 41.358 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

Instrument :
BNA_F
ClientSampleId :

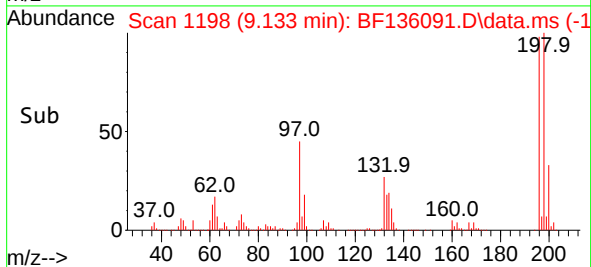
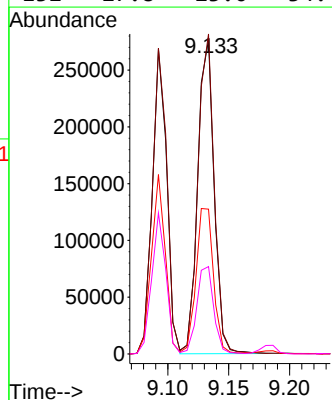
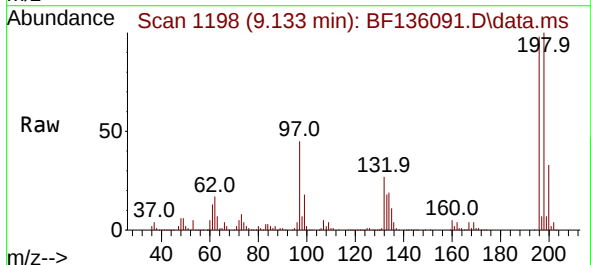


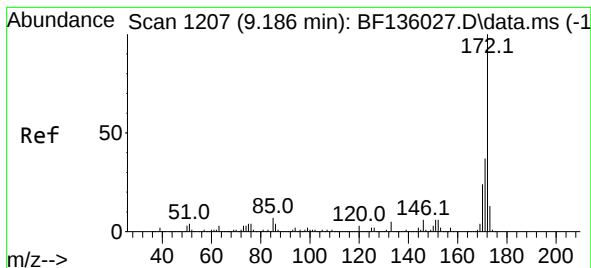
Tgt Ion:196 Resp: 220450
Ion Ratio Lower Upper
196 100
198 100.4 80.7 121.1
200 32.2 26.8 40.2



#44
2,4,5-Trichlorophenol
Concen: 42.024 ng
RT: 9.133 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

Tgt Ion:196 Resp: 259477
Ion Ratio Lower Upper
196 100
198 101.9 81.6 122.4
97 46.1 38.2 57.2
132 27.8 23.0 34.4





#45

2-Fluorobiphenyl

Concen: 80.510 ng

RT: 9.186 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF136091.D

Acq: 02 Nov 2023 12:54

Instrument :

BNA_F

ClientSampleId :

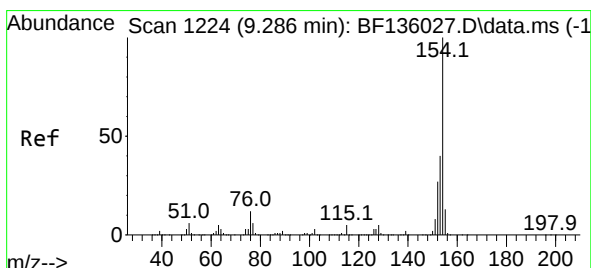
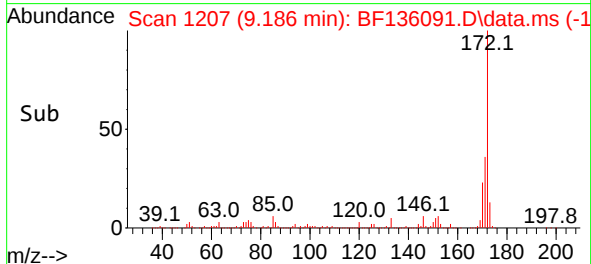
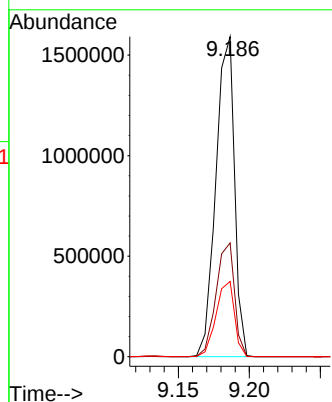
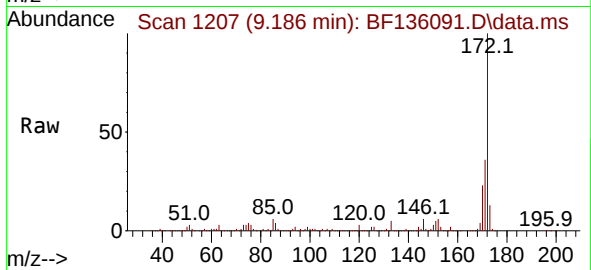
Tgt Ion:172 Resp: 1447746

Ion Ratio Lower Upper

172 100

171 35.6 29.4 44.0

170 23.5 19.3 28.9



#46

1,1'-Biphenyl

Concen: 40.883 ng

RT: 9.286 min Scan# 1224

Delta R.T. 0.000 min

Lab File: BF136091.D

Acq: 02 Nov 2023 12:54

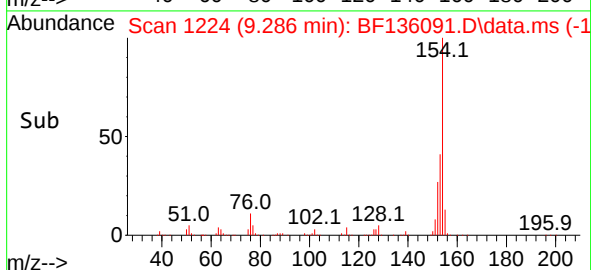
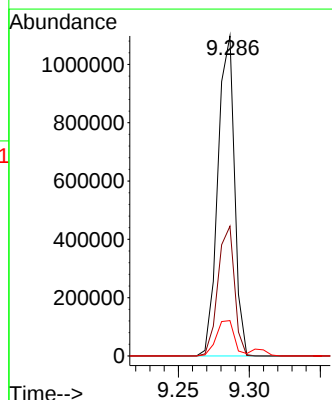
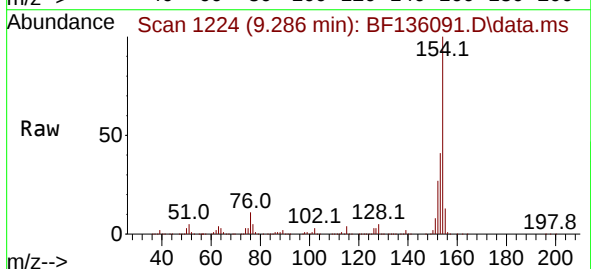
Tgt Ion:154 Resp: 893380

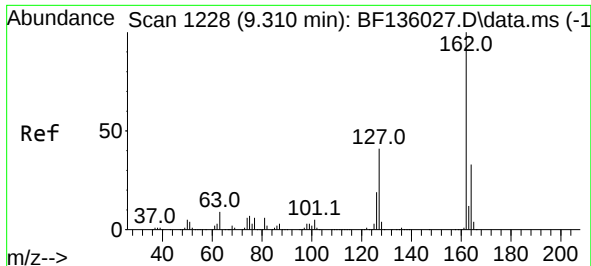
Ion Ratio Lower Upper

154 100

153 40.6 20.1 60.1

76 11.1 0.0 32.5





#47

2-Chloronaphthalene

Concen: 41.063 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF136091.D

Acq: 02 Nov 2023 12:54

Instrument :

BNA_F

ClientSampleId :

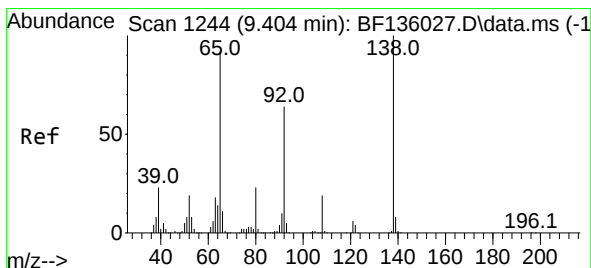
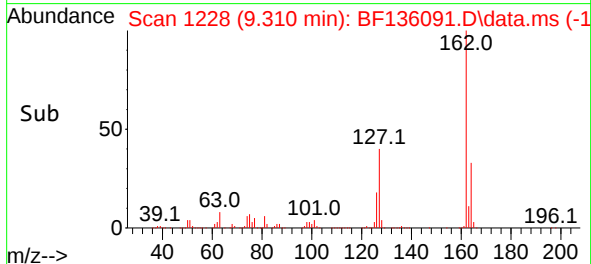
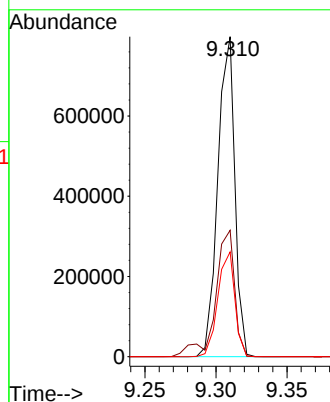
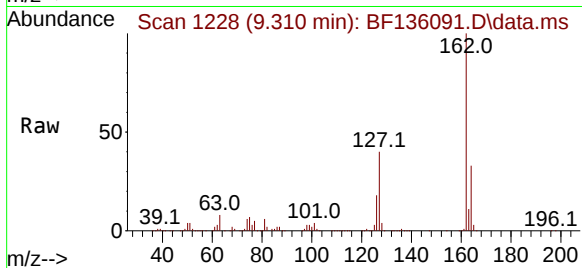
Tgt Ion:162 Resp: 661493

Ion Ratio Lower Upper

162 100

127 39.5 32.4 48.6

164 32.8 26.7 40.1



#48

2-Nitroaniline

Concen: 43.387 ng

RT: 9.404 min Scan# 1244

Delta R.T. 0.000 min

Lab File: BF136091.D

Acq: 02 Nov 2023 12:54

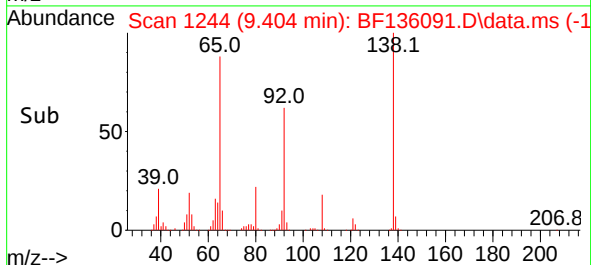
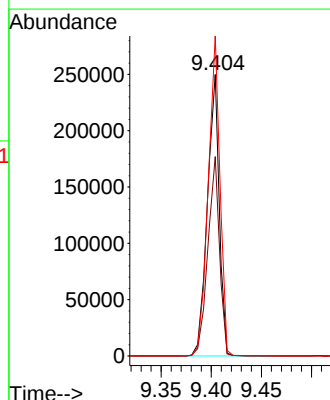
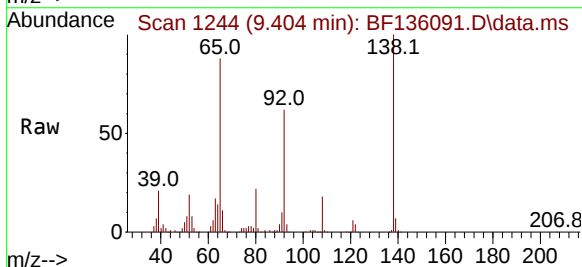
Tgt Ion: 65 Resp: 206849

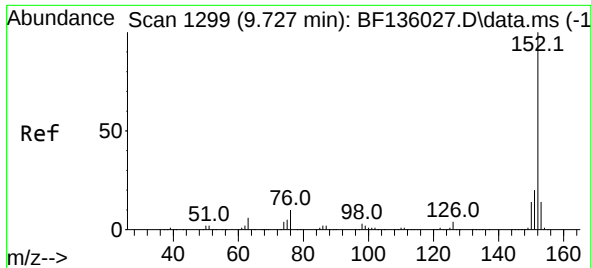
Ion Ratio Lower Upper

65 100

92 70.8 55.7 83.5

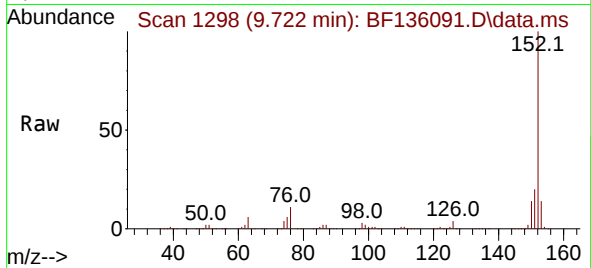
138 113.7 86.8 130.2



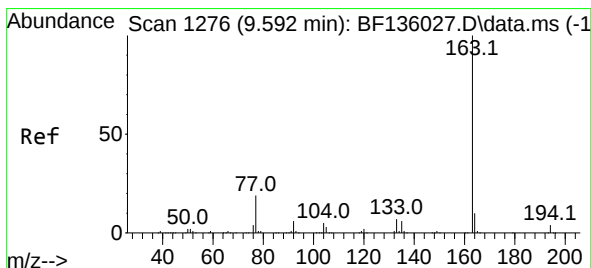
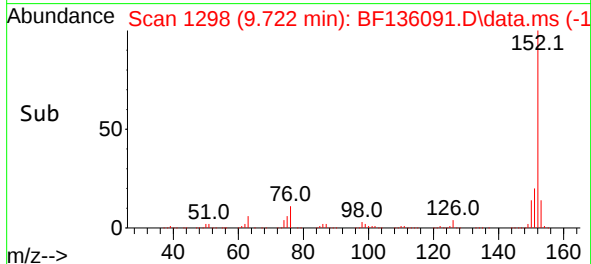
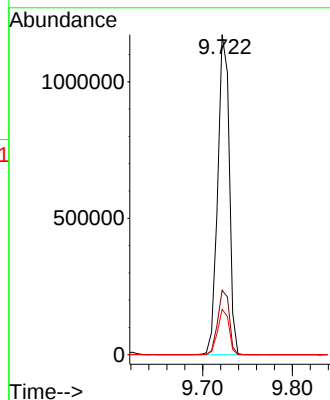


#49
Acenaphthylene
Concen: 41.616 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

Instrument :
BNA_F
ClientSampleId :

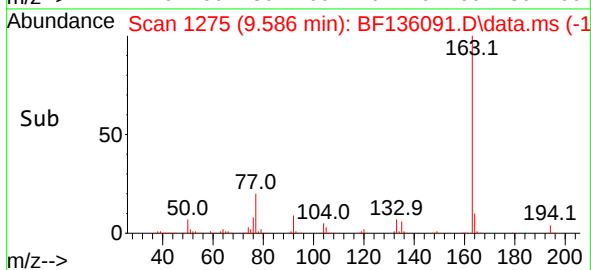
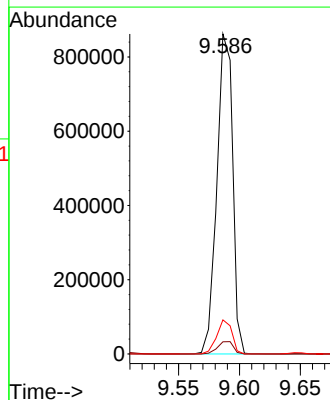
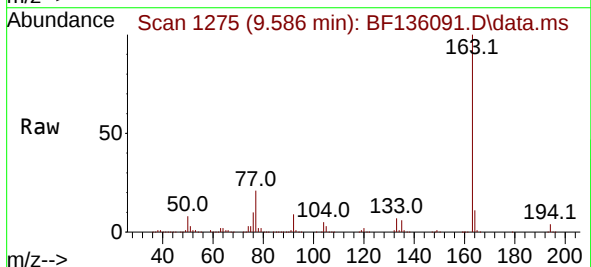


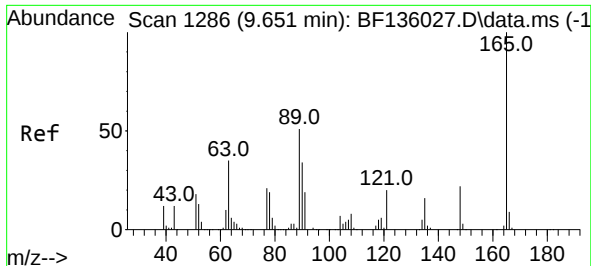
Tgt Ion:152 Resp: 1045845
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 14.2 11.4 17.2



#50
Dimethylphthalate
Concen: 41.100 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

Tgt Ion:163 Resp: 777133
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.7 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 42.670 ng

RT: 9.651 min Scan# 1286

Delta R.T. 0.000 min

Lab File: BF136091.D

Acq: 02 Nov 2023 12:54

Instrument :

BNA_F

ClientSampleId :

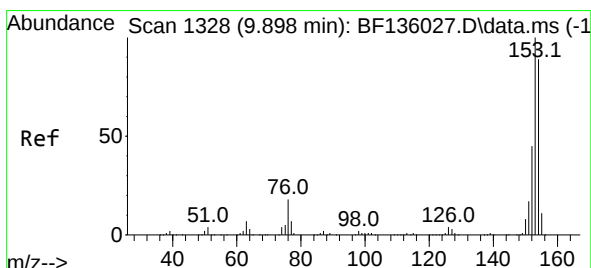
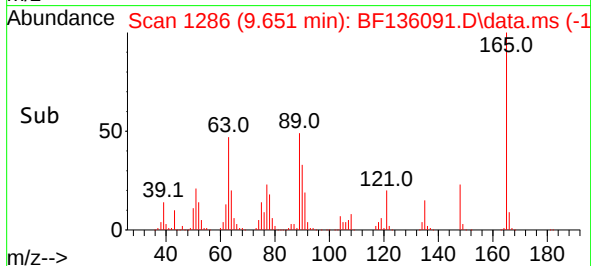
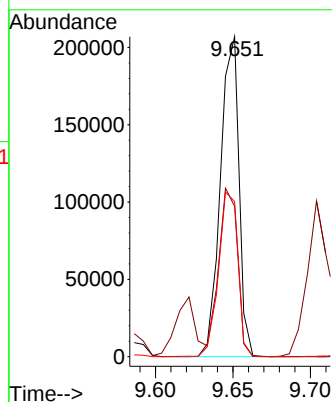
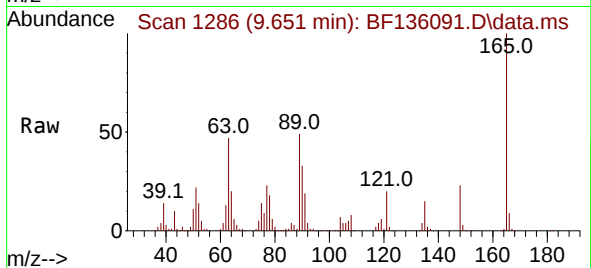
Tgt Ion:165 Resp: 172558

Ion Ratio Lower Upper

165 100

63 47.0 40.8 61.2

89 48.5 41.1 61.7



#52

Acenaphthene

Concen: 42.728 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BF136091.D

Acq: 02 Nov 2023 12:54

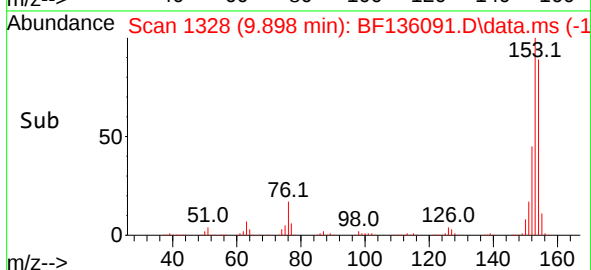
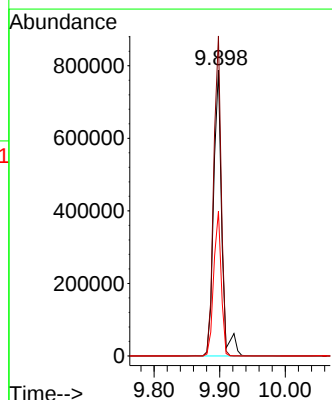
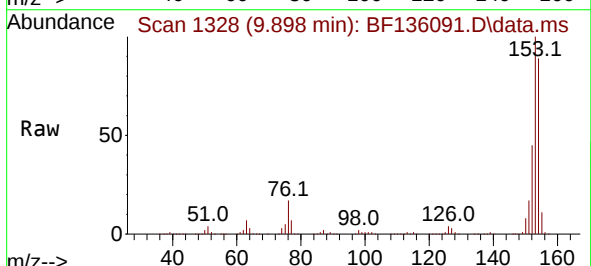
Tgt Ion:154 Resp: 682620

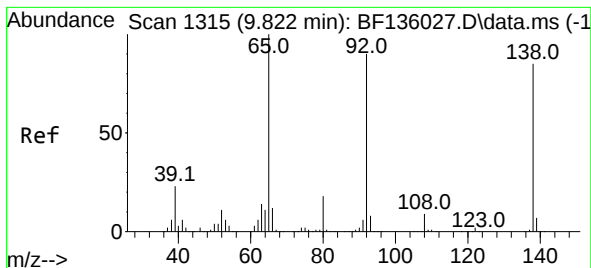
Ion Ratio Lower Upper

154 100

153 112.0 89.9 134.9

152 50.6 40.2 60.2





#53

3-Nitroaniline

Concen: 42.560 ng

RT: 9.816 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136091.D

Acq: 02 Nov 2023 12:54

Instrument :

BNA_F

ClientSampleId :

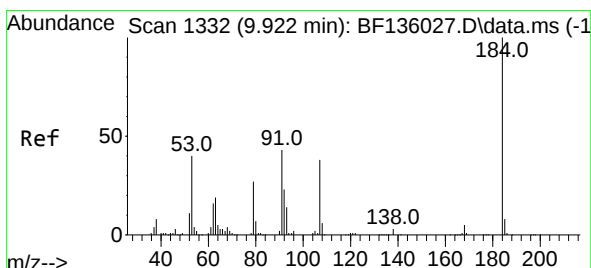
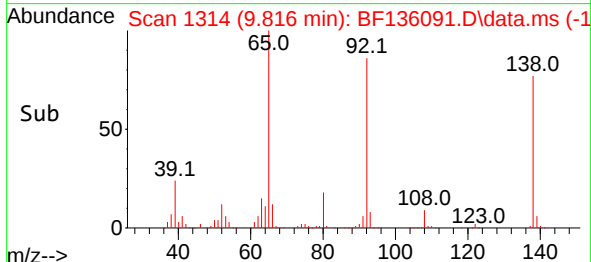
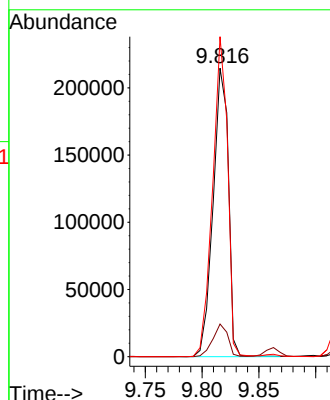
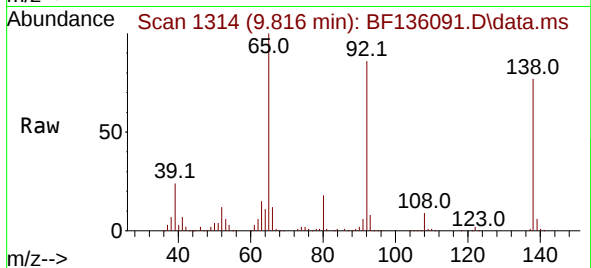
Tgt Ion:138 Resp: 200828

Ion Ratio Lower Upper

138 100

108 11.3 8.8 13.2

92 110.9 84.6 126.8



#54

2,4-Dinitrophenol

Concen: 38.344 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.000 min

Lab File: BF136091.D

Acq: 02 Nov 2023 12:54

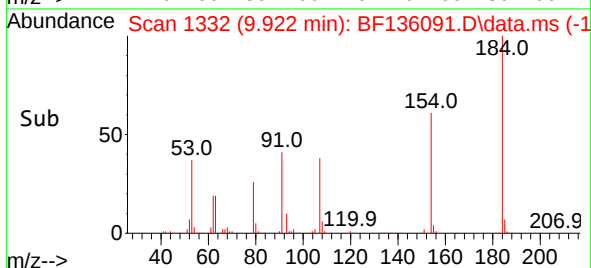
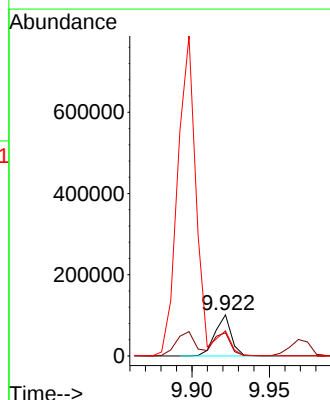
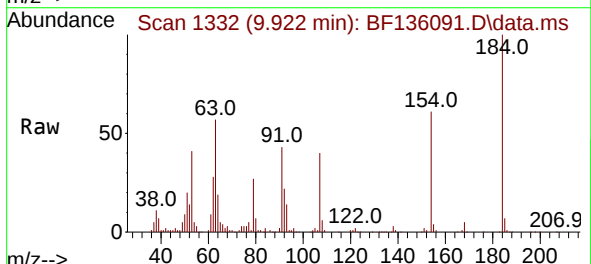
Tgt Ion:184 Resp: 73930

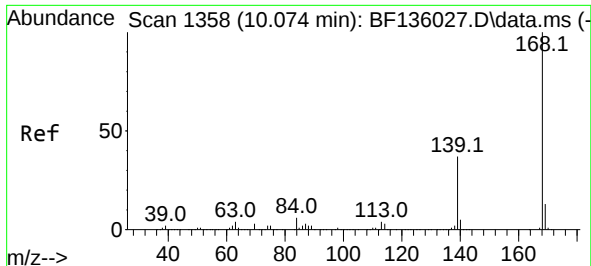
Ion Ratio Lower Upper

184 100

63 56.7 43.7 65.5

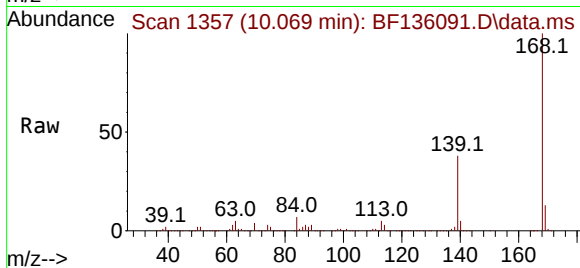
154 61.0 51.2 76.8



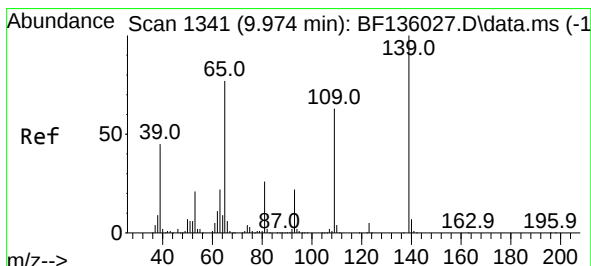
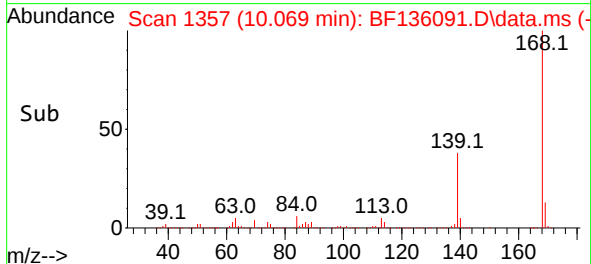
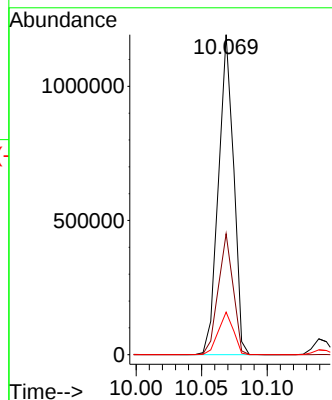


#55
Dibenzofuran
Concen: 41.022 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

Instrument :
BNA_F
ClientSampleId :

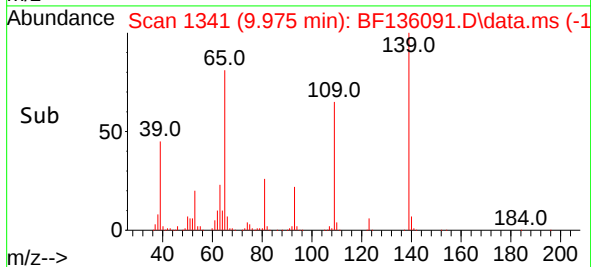
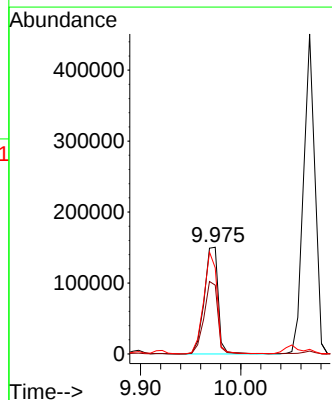
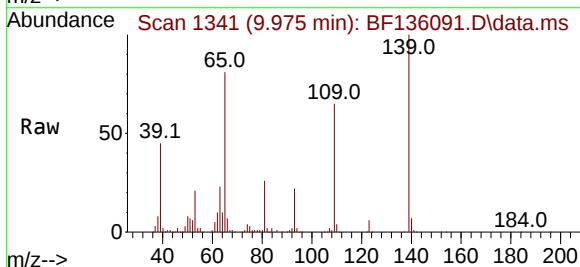


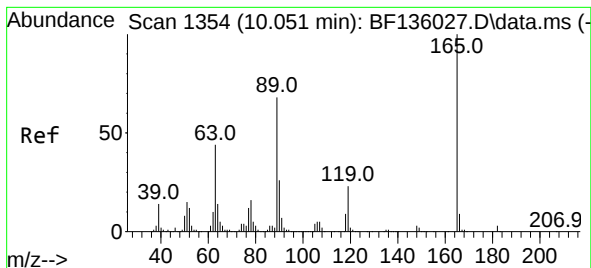
Tgt Ion:168 Resp: 955625
Ion Ratio Lower Upper
168 100
139 37.8 29.4 44.0
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 41.465 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

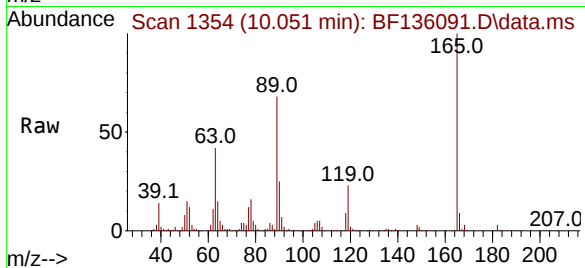
Tgt Ion:139 Resp: 146357
Ion Ratio Lower Upper
139 100
109 64.5 43.2 83.2
65 80.7 57.6 97.6



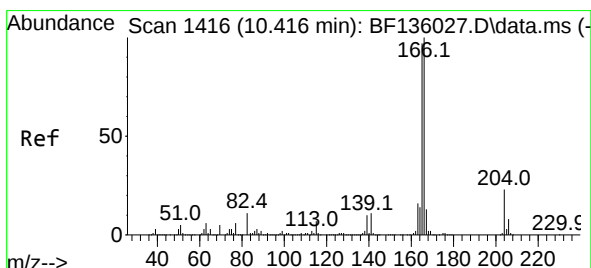
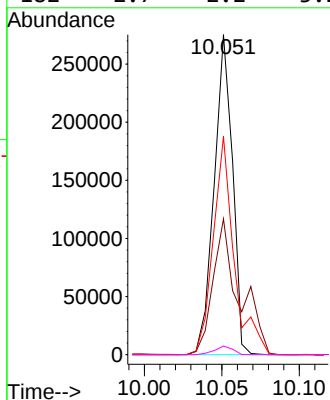
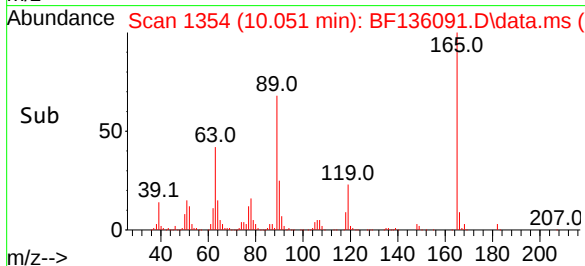


#57
2,4-Dinitrotoluene
Concen: 44.238 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

Instrument :
BNA_F
ClientSampleId :

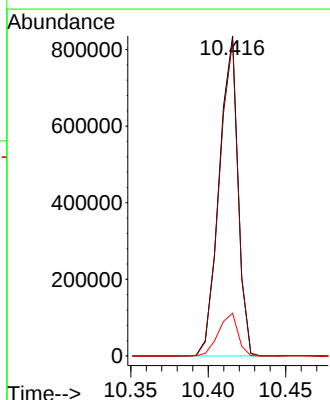
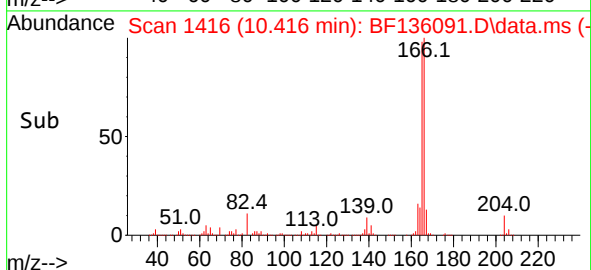
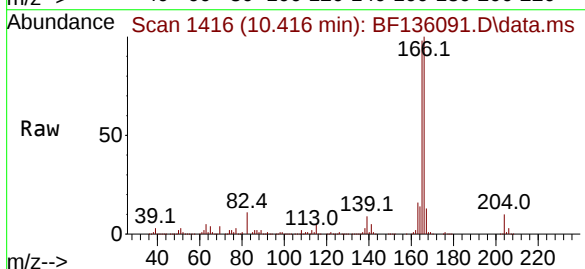


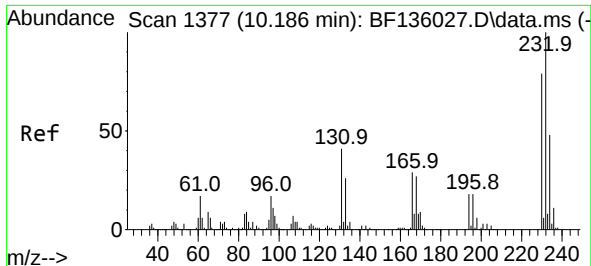
Tgt Ion:165 Resp: 226352
Ion Ratio Lower Upper
165 100
63 42.5 35.2 52.8
89 68.3 54.8 82.2
182 2.7 2.2 3.2



#58
Fluorene
Concen: 40.470 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

Tgt Ion:166 Resp: 705873
Ion Ratio Lower Upper
166 100
165 98.4 77.7 116.5
167 13.4 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.109 ng

RT: 10.186 min Scan# 1377

Delta R.T. 0.000 min

Lab File: BF136091.D

Acq: 02 Nov 2023 12:54

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:232 Resp: 201801

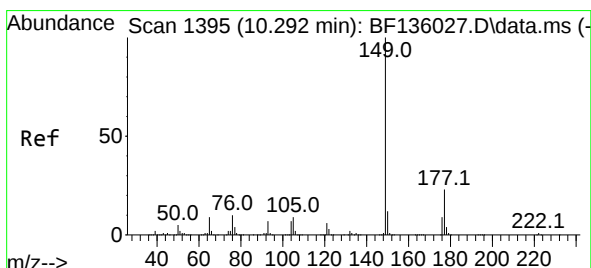
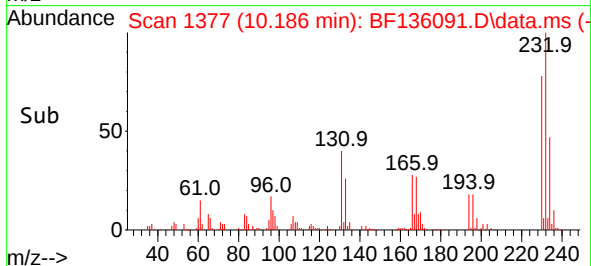
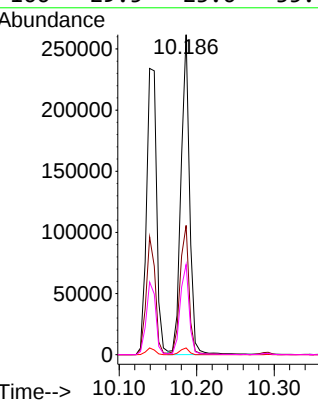
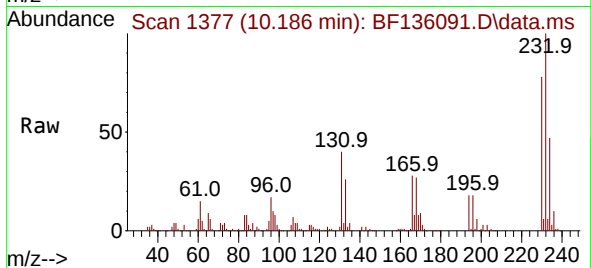
Ion Ratio Lower Upper

232 100

131 42.1 34.6 52.0

130 2.1 1.6 2.4

166 29.5 23.6 35.4



#60

Diethylphthalate

Concen: 41.021 ng

RT: 10.292 min Scan# 1395

Delta R.T. 0.000 min

Lab File: BF136091.D

Acq: 02 Nov 2023 12:54

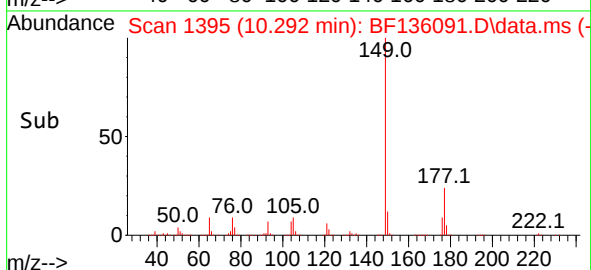
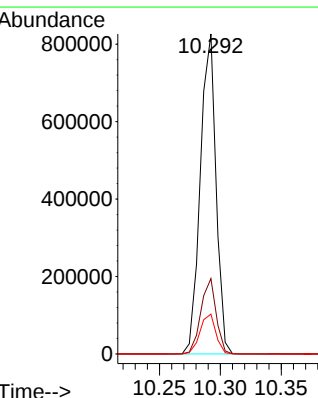
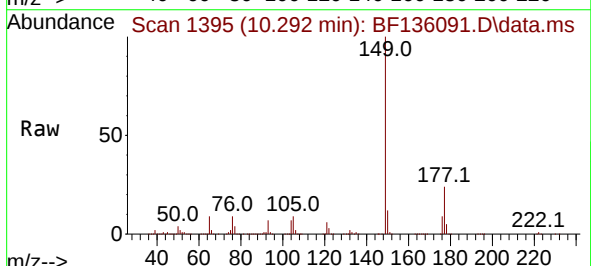
Tgt Ion:149 Resp: 741092

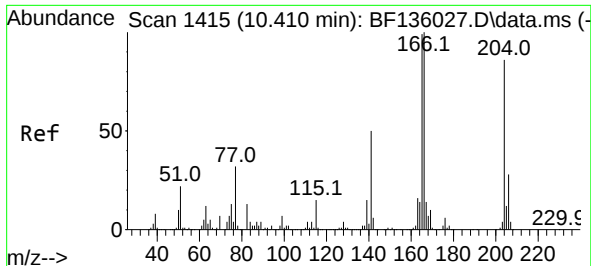
Ion Ratio Lower Upper

149 100

177 23.6 18.2 27.4

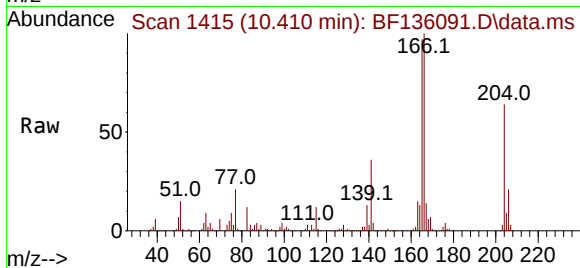
150 12.5 9.9 14.9



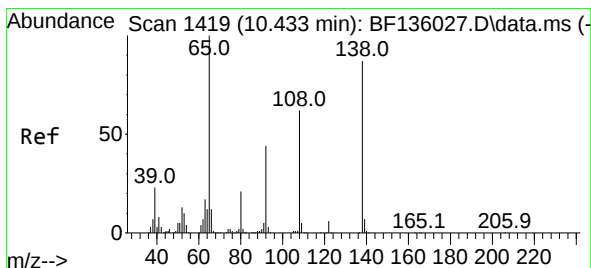
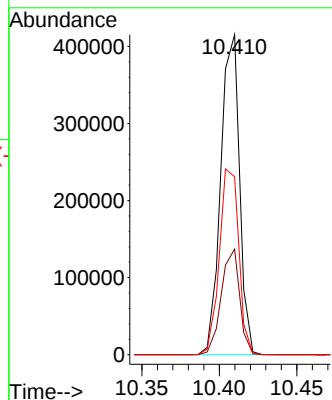
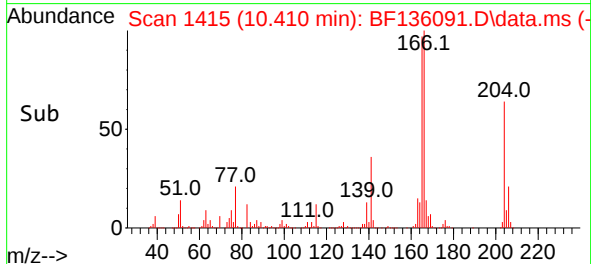


#61
4-Chlorophenyl-phenylether
Concen: 40.304 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

Instrument :
BNA_F
ClientSampleId :

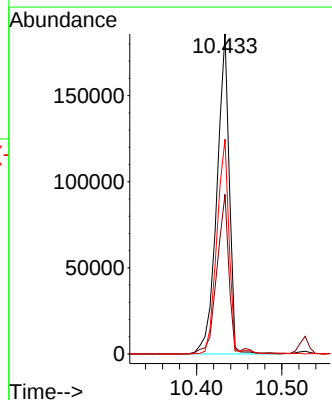
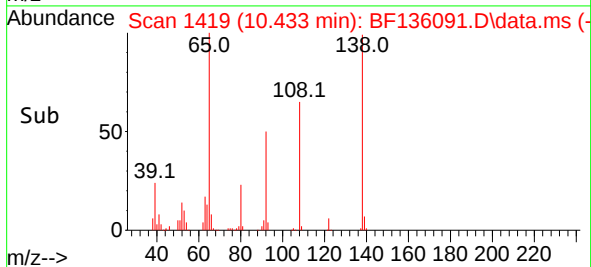
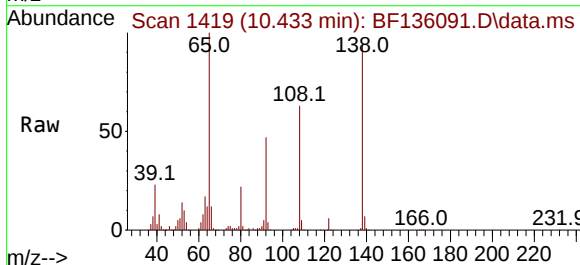


Tgt Ion:204 Resp: 350908
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 55.6 46.8 70.2



#62
4-Nitroaniline
Concen: 41.355 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

Tgt Ion:138 Resp: 187908
Ion Ratio Lower Upper
138 100
92 49.9 30.6 70.6
108 67.1 51.5 91.5





#63

Azobenzene

Concen: 40.318 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF136091.D

Acq: 02 Nov 2023 12:54

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 701481

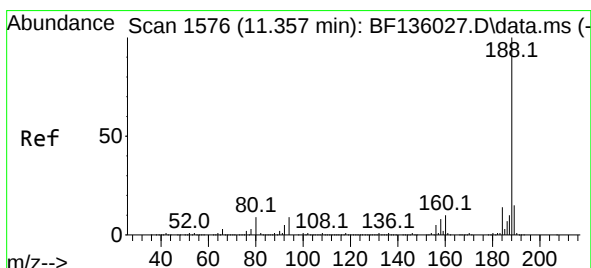
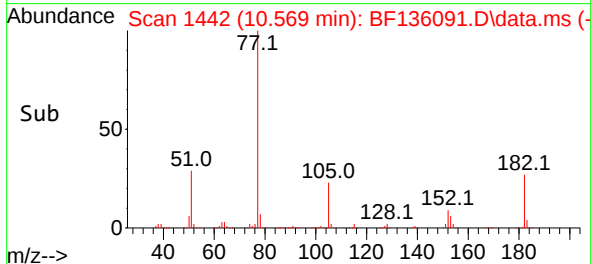
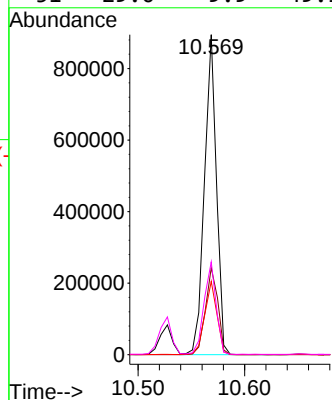
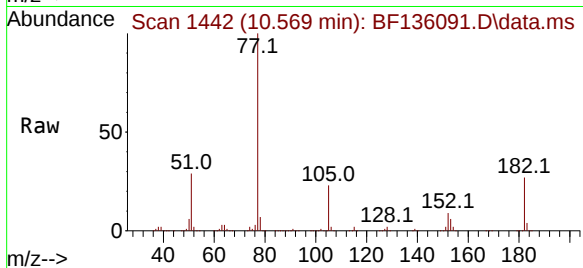
Ion Ratio Lower Upper

77 100

182 27.1 5.0 45.0

105 22.9 2.6 42.6

51 29.0 9.9 49.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1575

Delta R.T. -0.006 min

Lab File: BF136091.D

Acq: 02 Nov 2023 12:54

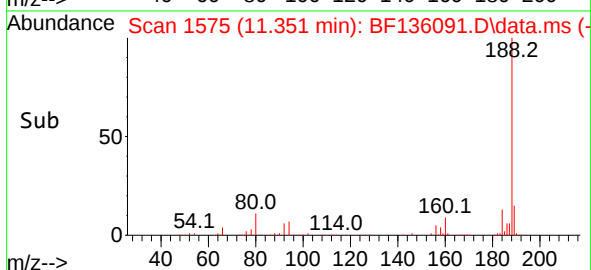
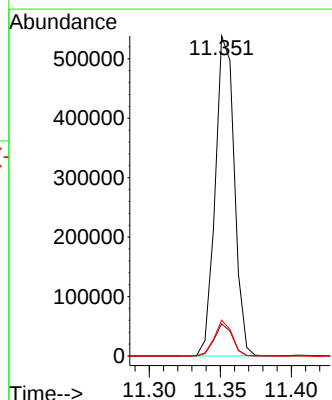
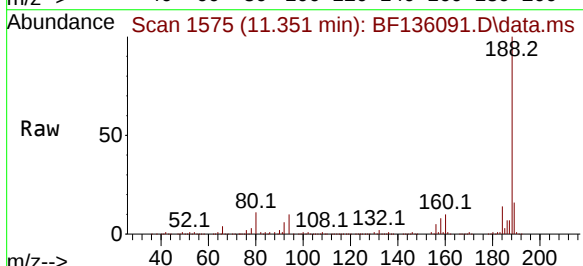
Tgt Ion: 188 Resp: 503837

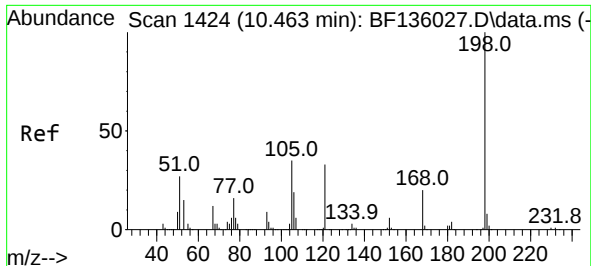
Ion Ratio Lower Upper

188 100

94 10.1 7.2 10.8

80 11.2 7.4 11.0#

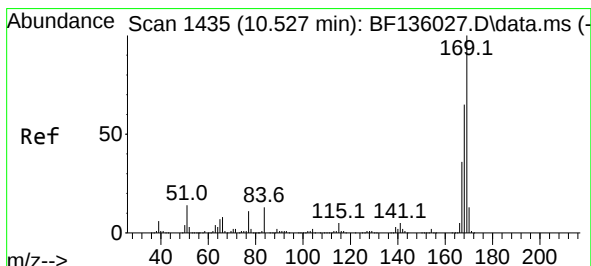
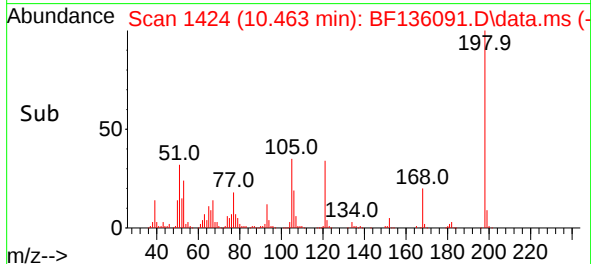
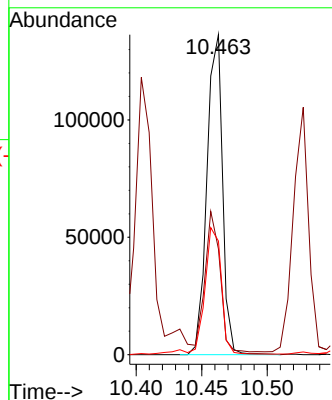
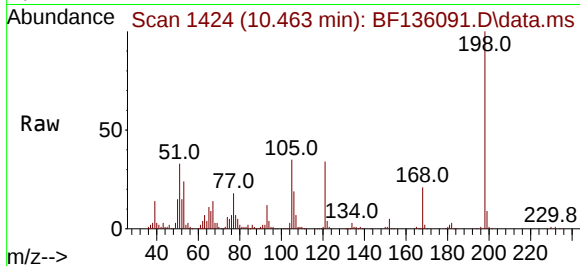




#65
4,6-Dinitro-2-methylphenol
Concen: 41.779 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

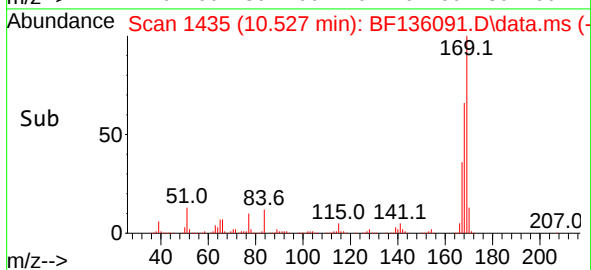
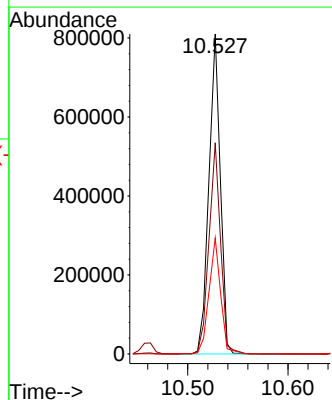
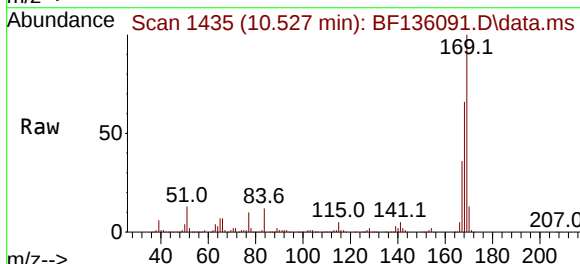
Instrument :
BNA_F
ClientSampleId :

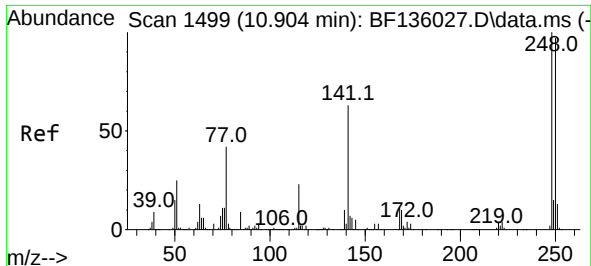
Tgt Ion:198 Resp: 113299
Ion Ratio Lower Upper
198 100
51 33.1 12.9 52.9
105 35.5 16.0 56.0



#66
n-Nitrosodiphenylamine
Concen: 42.445 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

Tgt Ion:169 Resp: 645120
Ion Ratio Lower Upper
169 100
168 66.0 52.2 78.2
167 36.3 28.7 43.1

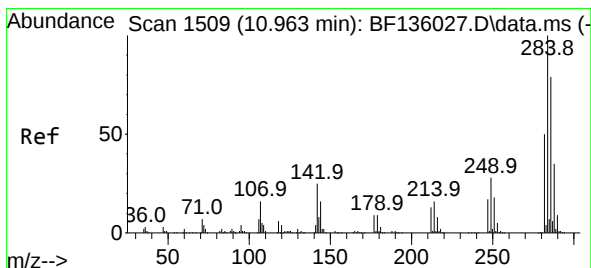
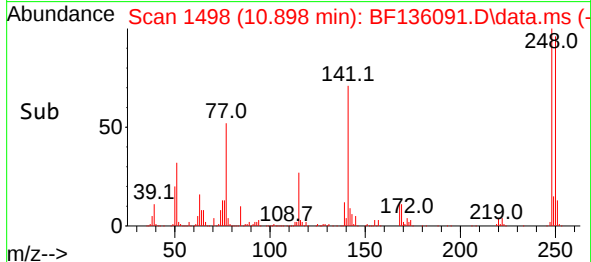
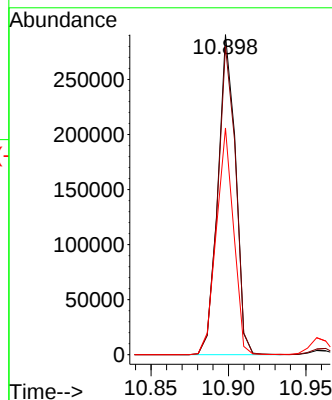
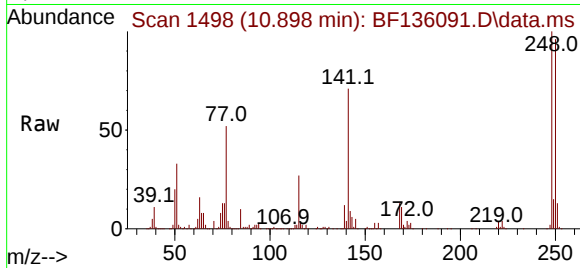




#67
4-Bromophenyl-phenylether
Concen: 43.667 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

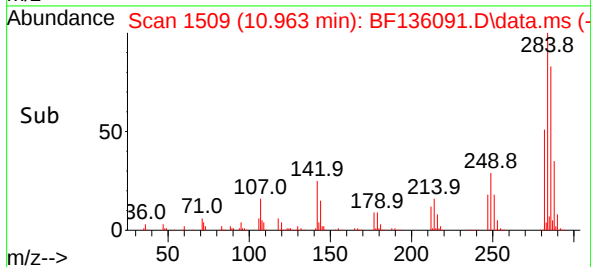
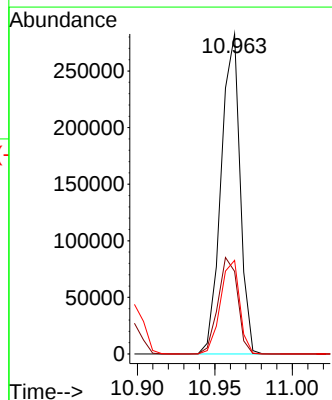
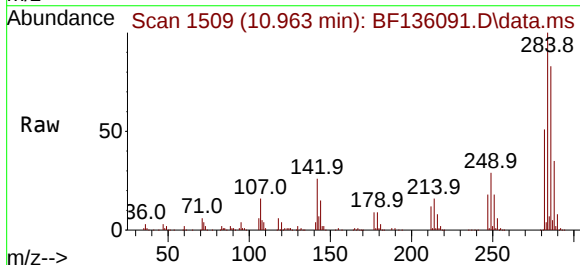
Instrument :
BNA_F
ClientSampleId :

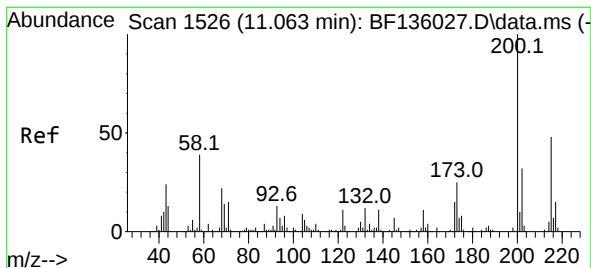
Tgt Ion:248 Resp: 230667
Ion Ratio Lower Upper
248 100
250 96.4 77.6 116.4
141 70.9 50.4 75.6



#68
Hexachlorobenzene
Concen: 42.548 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

Tgt Ion:284 Resp: 240041
Ion Ratio Lower Upper
284 100
142 25.8 20.2 30.4
249 29.2 22.6 33.8





#69

Atrazine

Concen: 38.965 ng

RT: 11.057 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136091.D

Acq: 02 Nov 2023 12:54

Instrument :

BNA_F

ClientSampleId :

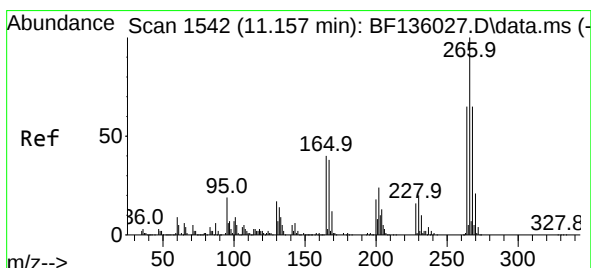
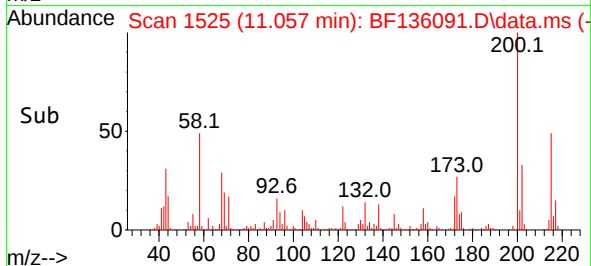
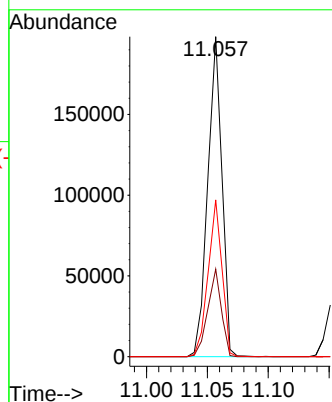
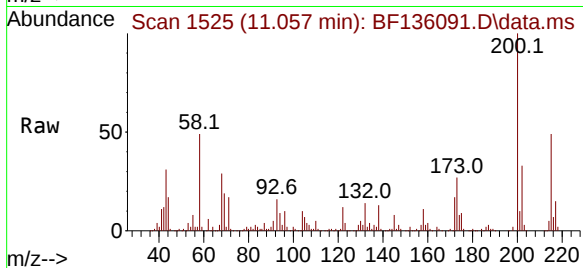
Tgt Ion:200 Resp: 161134

Ion Ratio Lower Upper

200 100

173 27.3 5.2 45.2

215 49.0 28.4 68.4



#70

Pentachlorophenol

Concen: 41.724 ng

RT: 11.157 min Scan# 1542

Delta R.T. 0.000 min

Lab File: BF136091.D

Acq: 02 Nov 2023 12:54

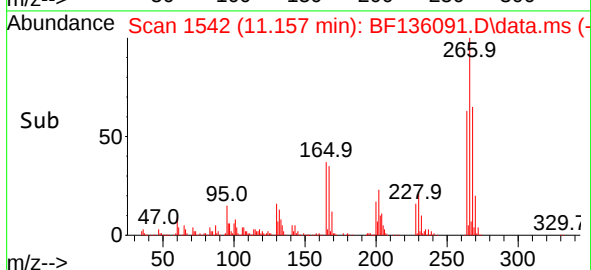
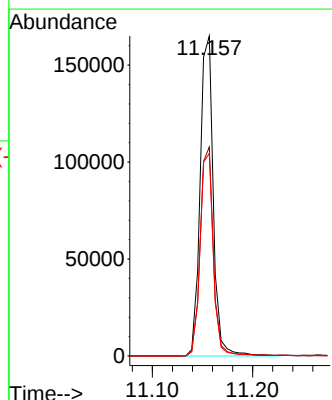
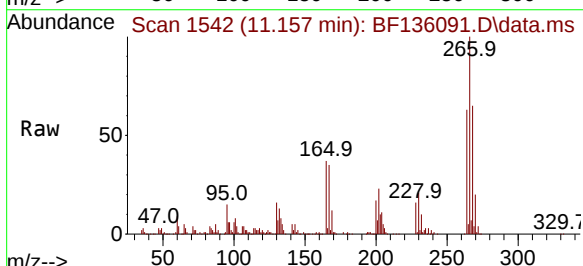
Tgt Ion:266 Resp: 151173

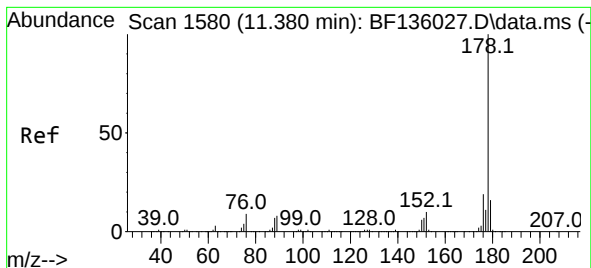
Ion Ratio Lower Upper

266 100

268 65.3 52.2 78.4

264 63.3 52.2 78.4

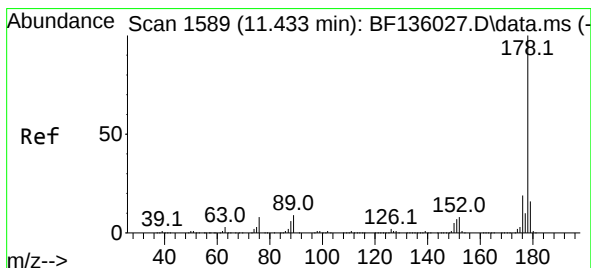
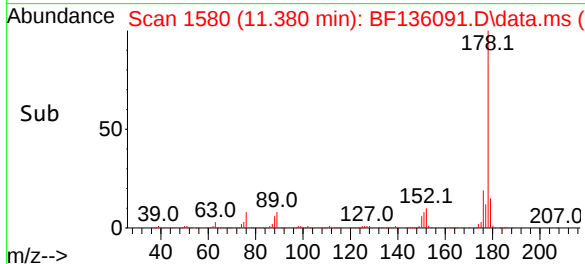
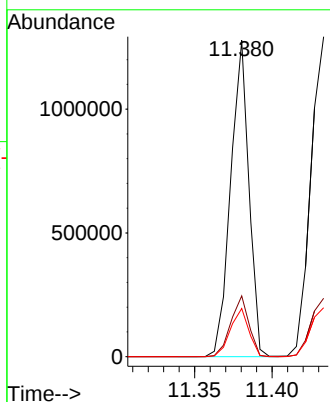
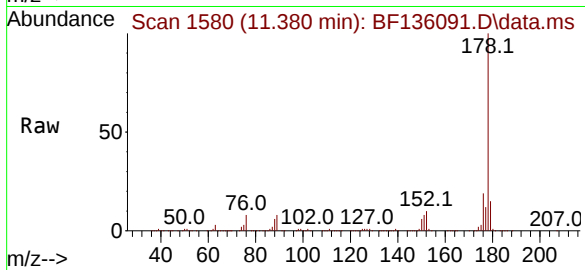




#71
Phenanthrene
Concen: 41.242 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

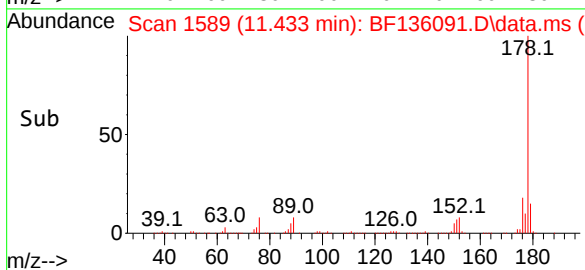
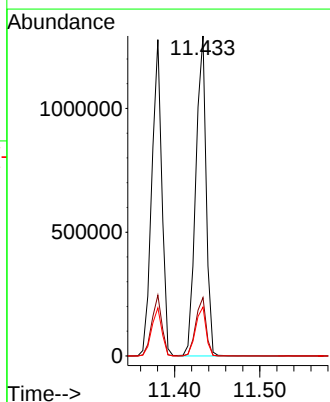
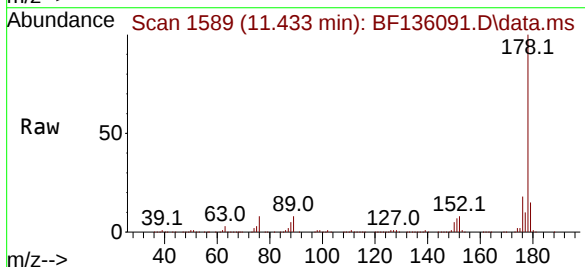
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1046243
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.2 12.9 19.3



#72
Anthracene
Concen: 42.011 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

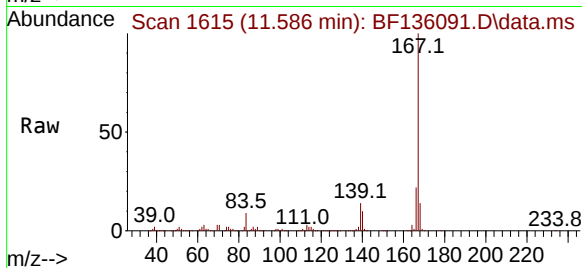
Tgt Ion:178 Resp: 1092056
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.4
179 15.3 12.6 18.8



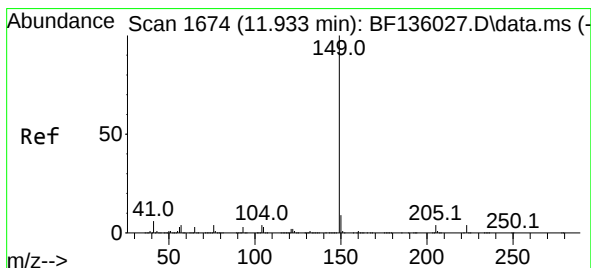
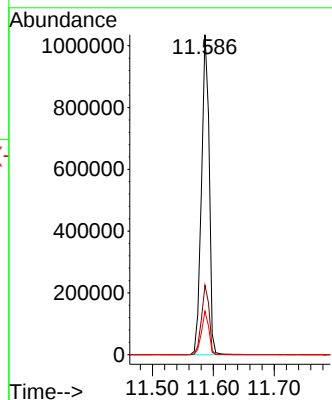
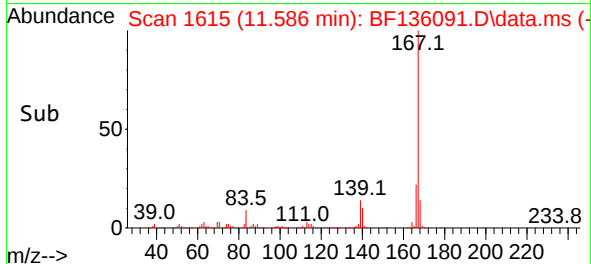


#73
 Carbazole
 Concen: 40.094 ng
 RT: 11.586 min Scan# 1615
 Delta R.T. -0.006 min
 Lab File: BF136091.D
 Acq: 02 Nov 2023 12:54

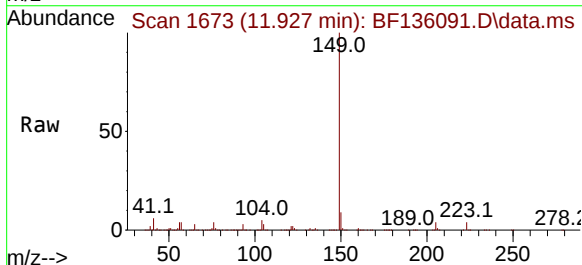
Instrument :
 BNA_F
 ClientSampleId :



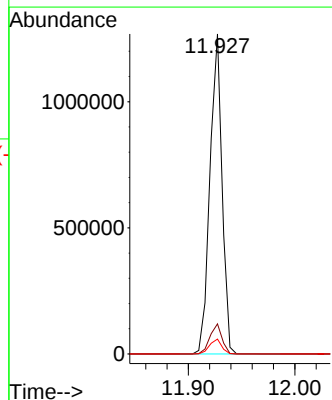
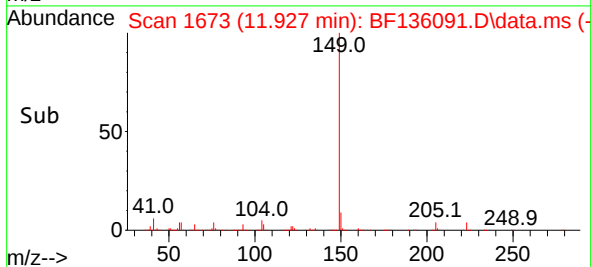
Tgt Ion:167 Resp: 905684
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 13.6 9.9 14.9

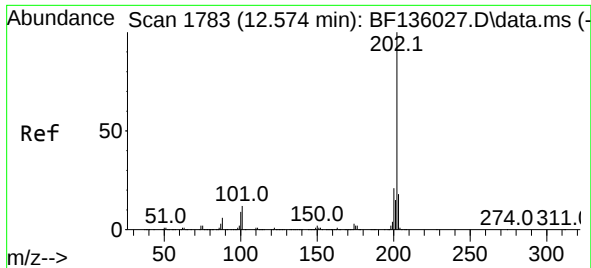


#74
 Di-n-butylphthalate
 Concen: 38.885 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. -0.006 min
 Lab File: BF136091.D
 Acq: 02 Nov 2023 12:54



Tgt Ion:149 Resp: 1003694
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 4.7 3.6 5.4

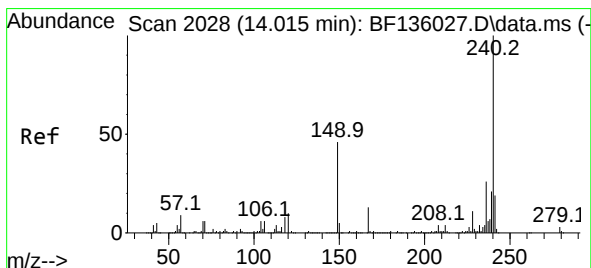
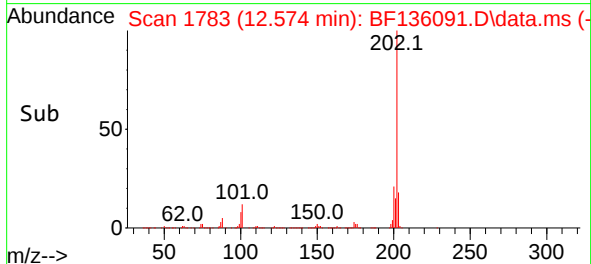
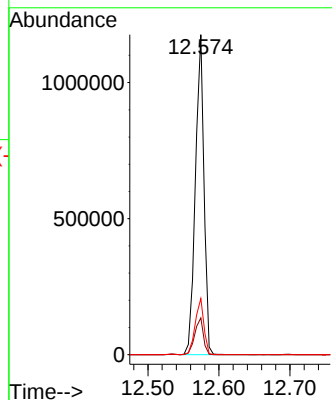
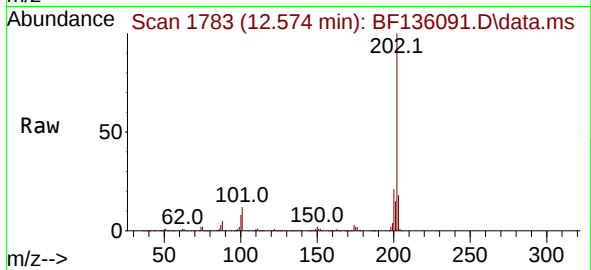




#75
Fluoranthene
Concen: 38.058 ng
RT: 12.574 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

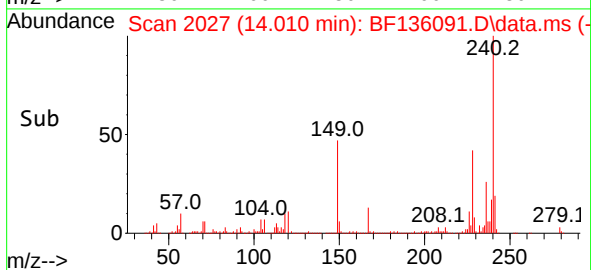
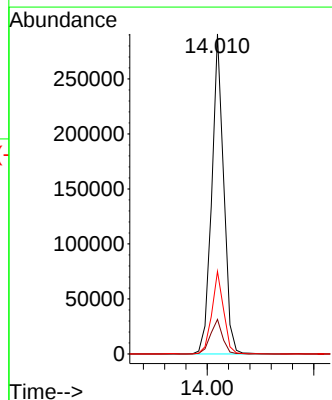
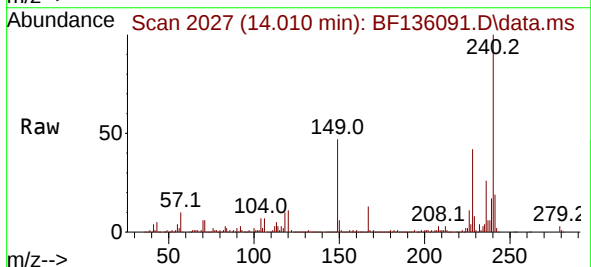
Instrument :
BNA_F
ClientSampleId :

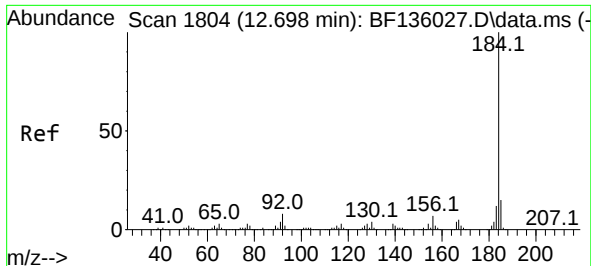
Tgt Ion:202 Resp: 991823
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.8
203 17.5 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

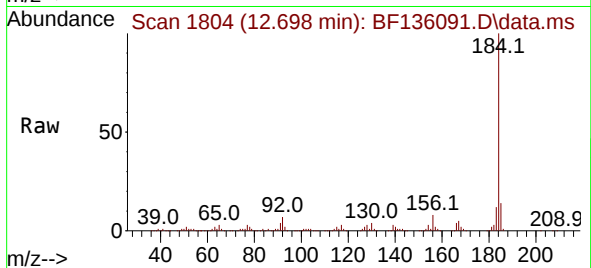
Tgt Ion:240 Resp: 226891
Ion Ratio Lower Upper
240 100
120 10.8 7.6 11.4
236 25.8 20.6 31.0



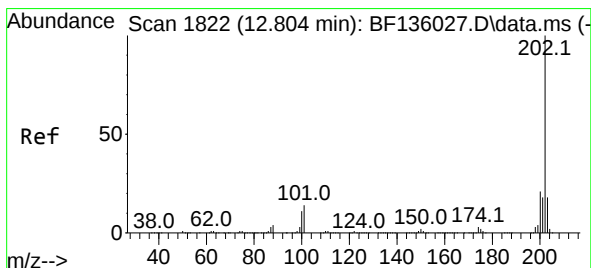
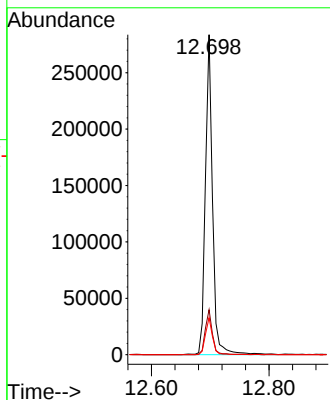
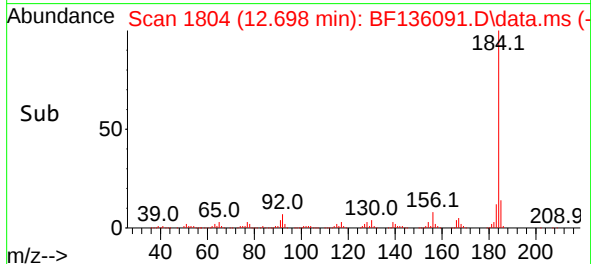


#77
Benzidine
Concen: 54.308 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

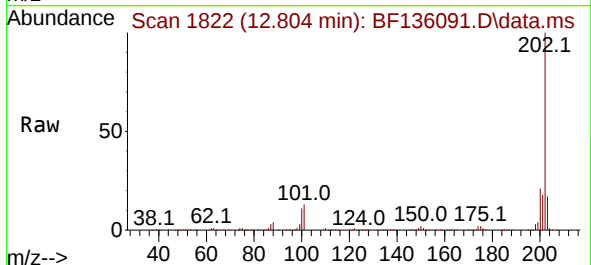
Instrument :
BNA_F
ClientSampleId :



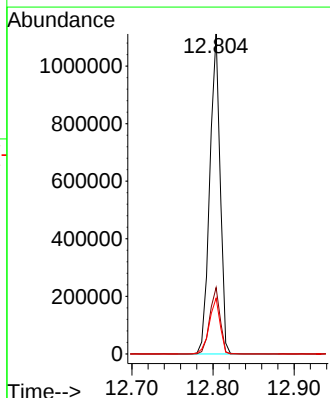
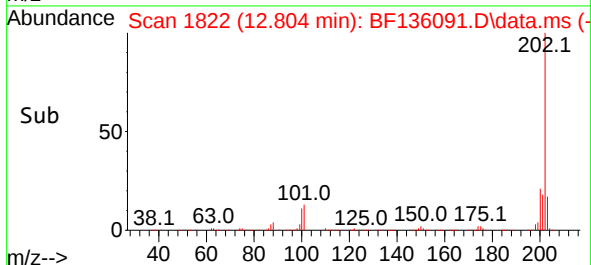
Tgt Ion:184 Resp: 240167
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.8
183 11.5 9.5 14.3

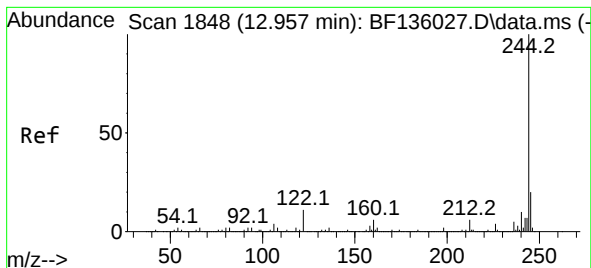


#78
Pyrene
Concen: 48.985 ng
RT: 12.804 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54



Tgt Ion:202 Resp: 979878
Ion Ratio Lower Upper
202 100
200 20.7 17.0 25.4
203 17.5 14.4 21.6





#79

Terphenyl-d14

Concen: 93.651 ng

RT: 12.951 min Scan# 11

Delta R.T. -0.006 min

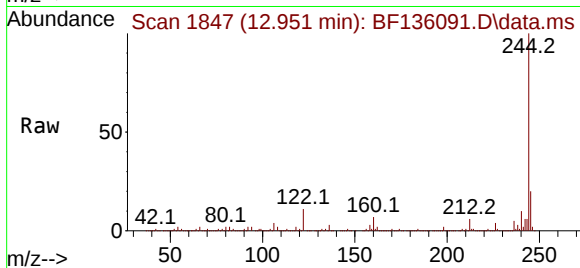
Lab File: BF136091.D

Acq: 02 Nov 2023 12:54

Instrument :

BNA_F

ClientSampleId :



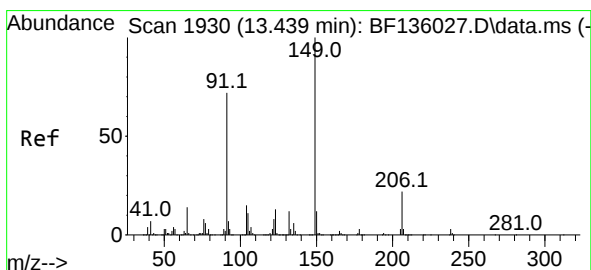
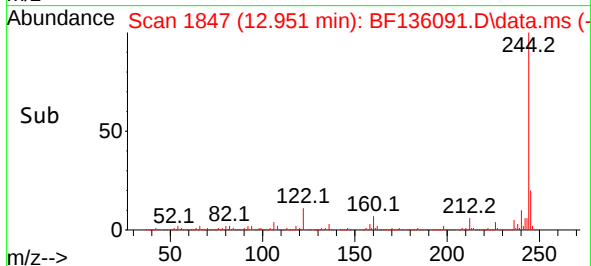
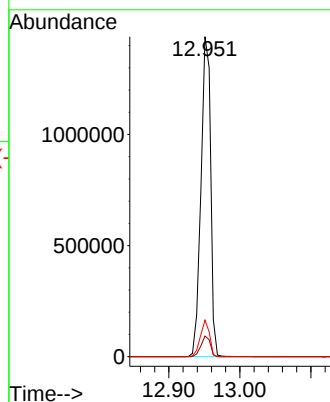
Tgt Ion:244 Resp: 1367321

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 11.4 8.6 12.8



#80

Butylbenzylphthalate

Concen: 40.591 ng

RT: 13.433 min Scan# 1929

Delta R.T. -0.006 min

Lab File: BF136091.D

Acq: 02 Nov 2023 12:54

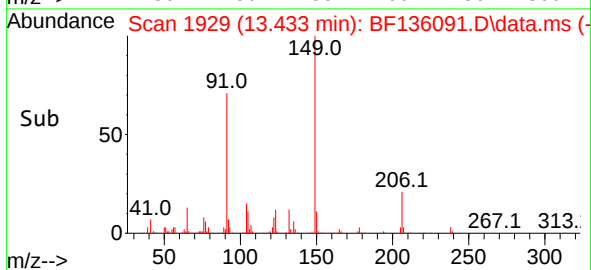
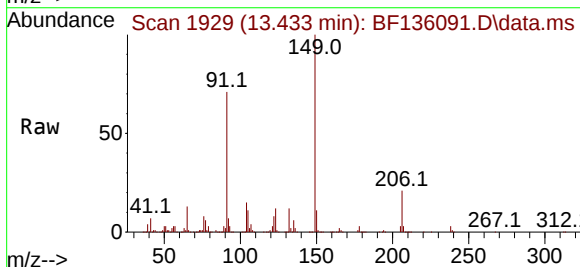
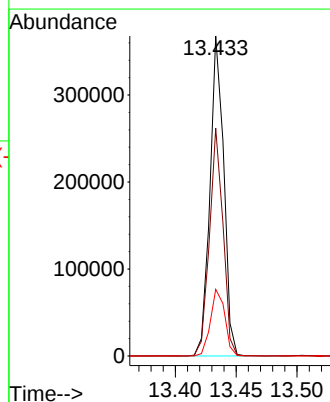
Tgt Ion:149 Resp: 290651

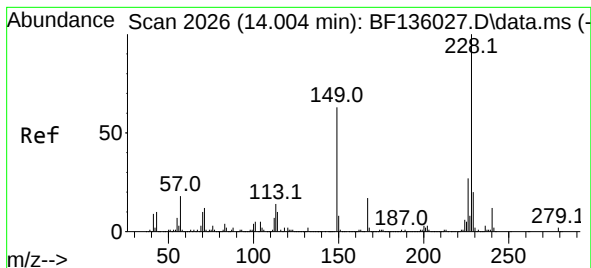
Ion Ratio Lower Upper

149 100

91 71.2 57.6 86.4

206 20.8 17.4 26.0





#81

Benzo(a)anthracene

Concen: 41.276 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136091.D

Acq: 02 Nov 2023 12:54

Instrument :

BNA_F

ClientSampleId :

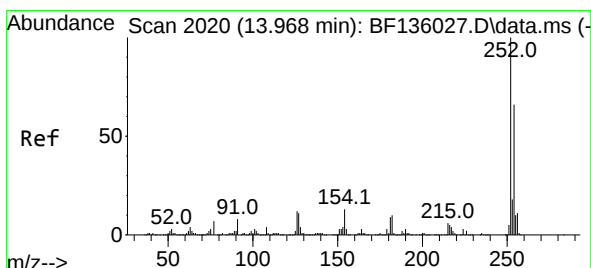
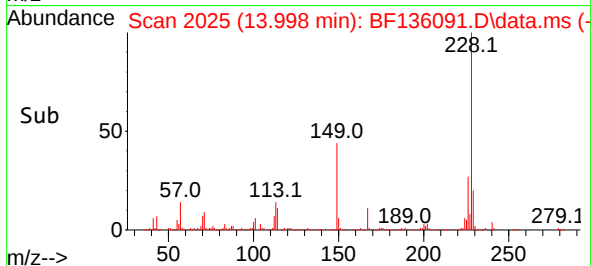
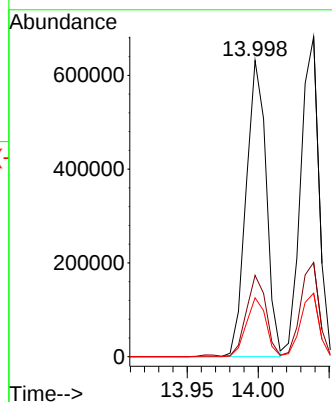
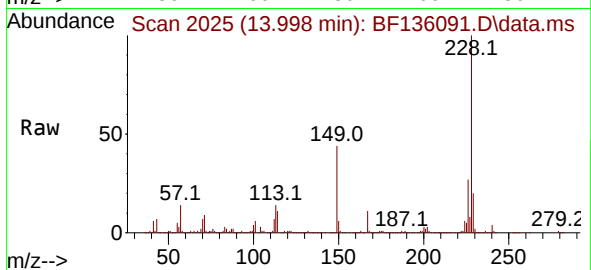
Tgt Ion:228 Resp: 620000

Ion Ratio Lower Upper

228 100

226 27.4 21.5 32.3

229 19.9 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 42.320 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF136091.D

Acq: 02 Nov 2023 12:54

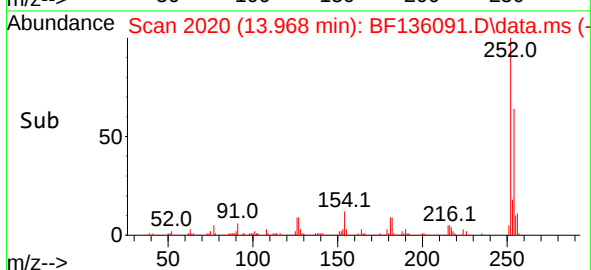
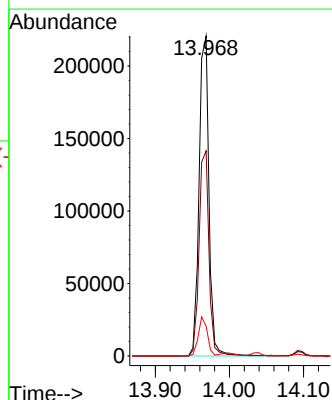
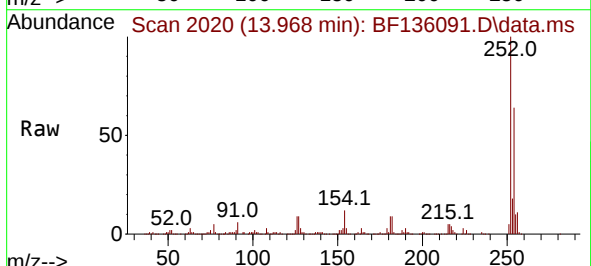
Tgt Ion:252 Resp: 202891

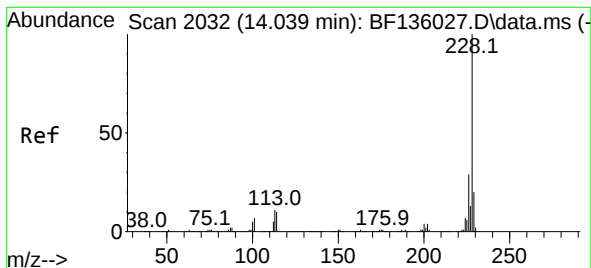
Ion Ratio Lower Upper

252 100

254 64.1 52.5 78.7

126 9.3 9.4 14.2#





#83

Chrysene

Concen: 41.174 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF136091.D

Acq: 02 Nov 2023 12:54

Instrument :

BNA_F

ClientSampleId :

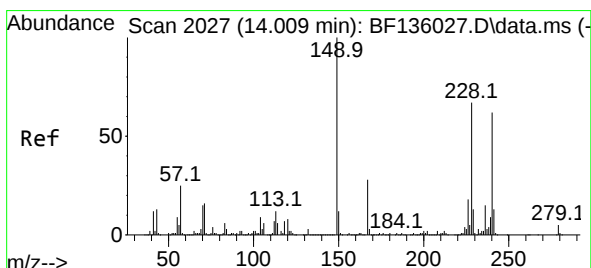
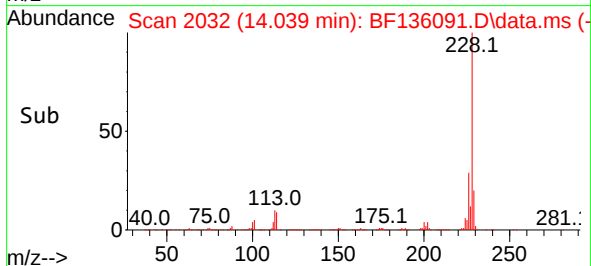
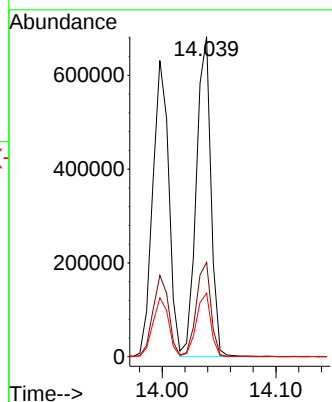
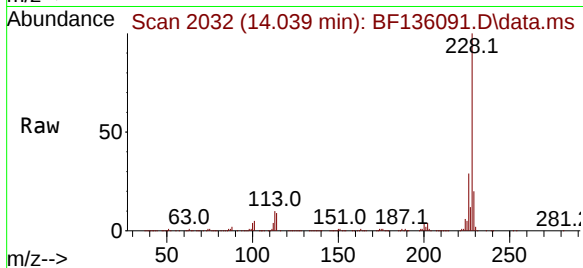
Tgt Ion:228 Resp: 609076

Ion Ratio Lower Upper

228 100

226 29.5 23.5 35.3

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.640 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF136091.D

Acq: 02 Nov 2023 12:54

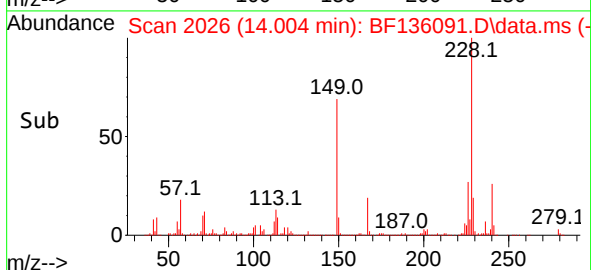
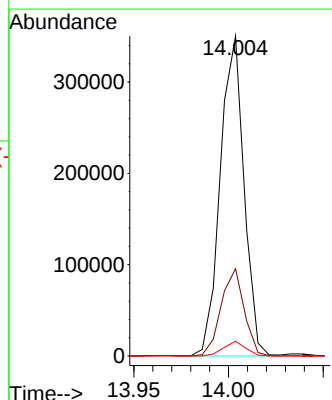
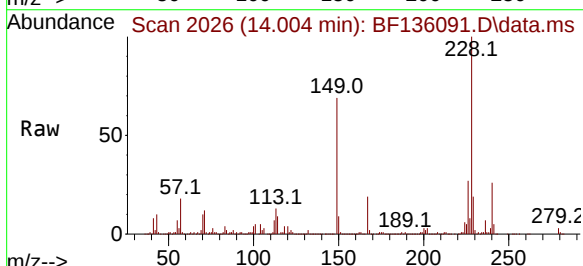
Tgt Ion:149 Resp: 305658

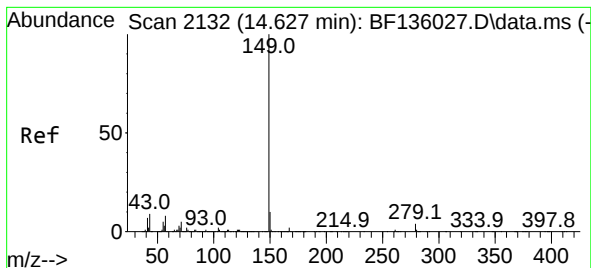
Ion Ratio Lower Upper

149 100

167 27.3 22.6 33.8

279 4.6 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 38.393 ng

RT: 14.621 min Scan# 2132

Delta R.T. -0.006 min

Lab File: BF136091.D

Acq: 02 Nov 2023 12:54

Instrument :

BNA_F

ClientSampleId :

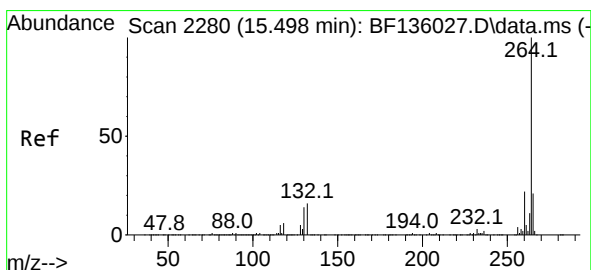
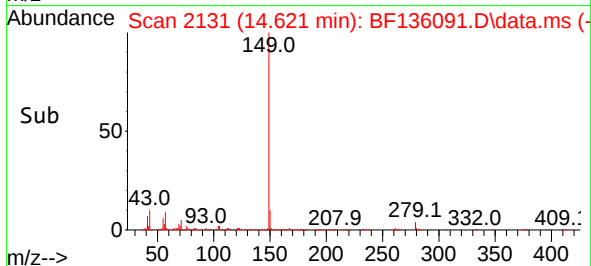
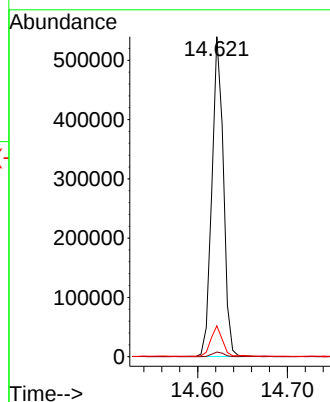
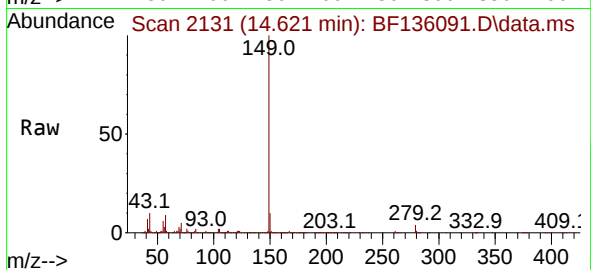
Tgt Ion:149 Resp: 479802

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.6 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2280

Delta R.T. 0.000 min

Lab File: BF136091.D

Acq: 02 Nov 2023 12:54

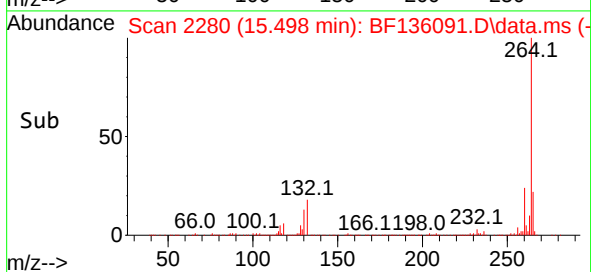
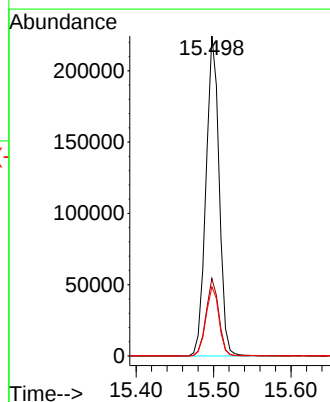
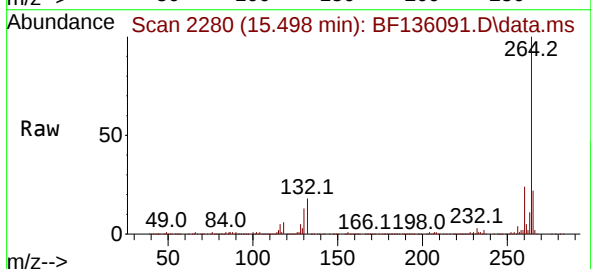
Tgt Ion:264 Resp: 264887

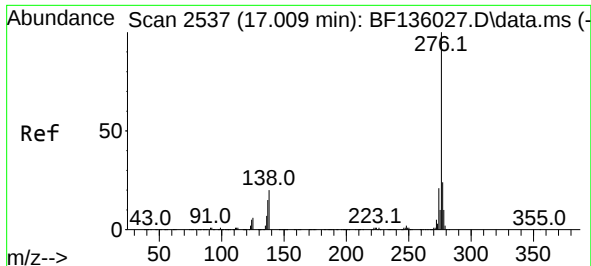
Ion Ratio Lower Upper

264 100

260 24.2 17.9 26.9

265 21.6 16.8 25.2

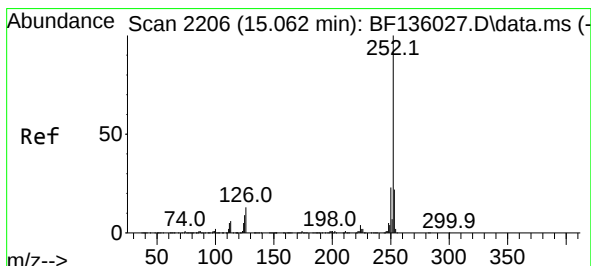
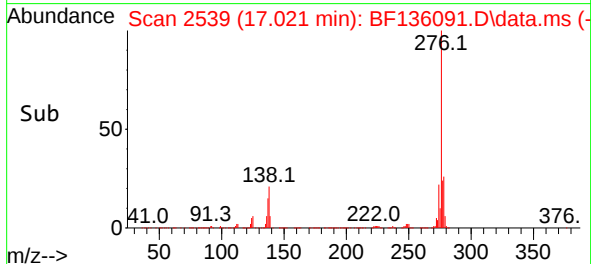
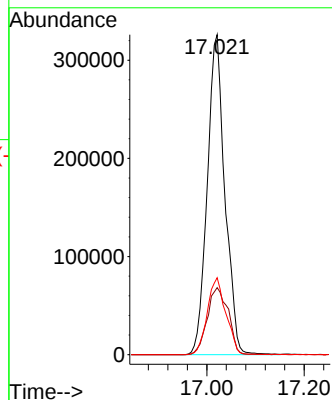
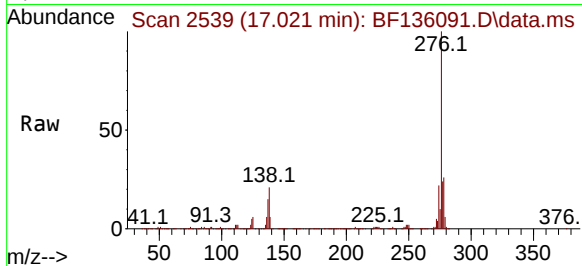




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.401 ng
 RT: 17.021 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF136091.D
 Acq: 02 Nov 2023 12:54

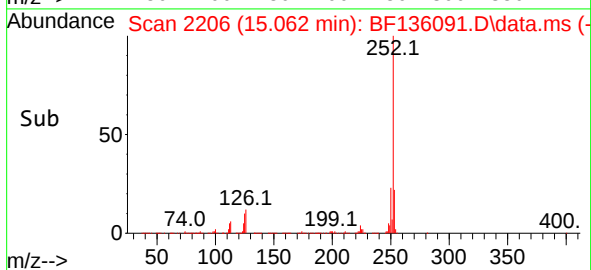
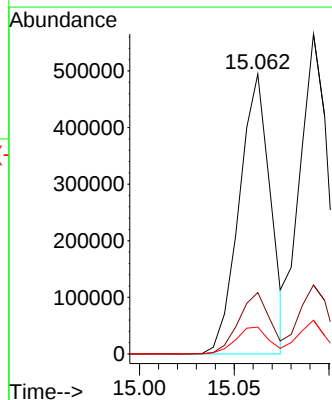
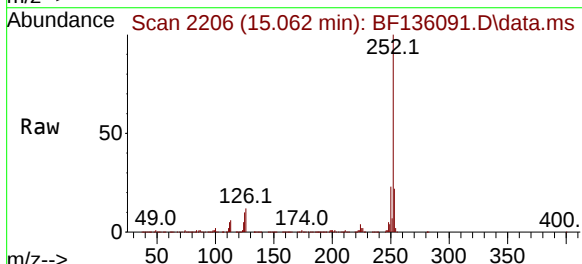
Instrument :
 BNA_F
 ClientSampleId :

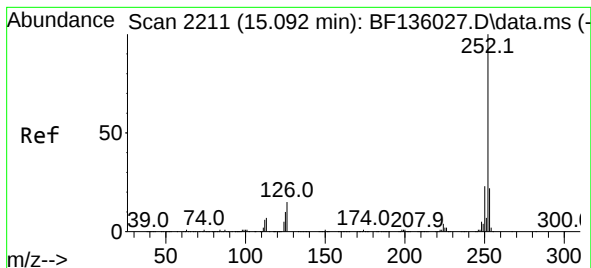
Tgt Ion:276 Resp: 820610
 Ion Ratio Lower Upper
 276 100
 138 25.0 20.4 30.6
 277 25.3 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 36.159 ng
 RT: 15.062 min Scan# 2206
 Delta R.T. 0.000 min
 Lab File: BF136091.D
 Acq: 02 Nov 2023 12:54

Tgt Ion:252 Resp: 566749
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.7 26.5
 125 9.6 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 37.173 ng

RT: 15.092 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136091.D

Acq: 02 Nov 2023 12:54

Instrument :

BNA_F

ClientSampleId :

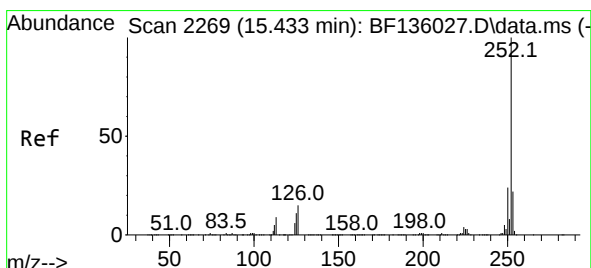
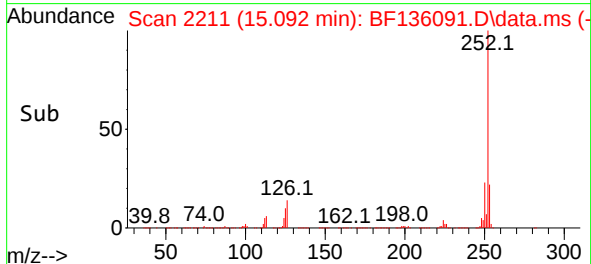
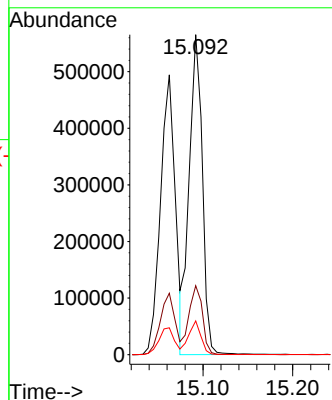
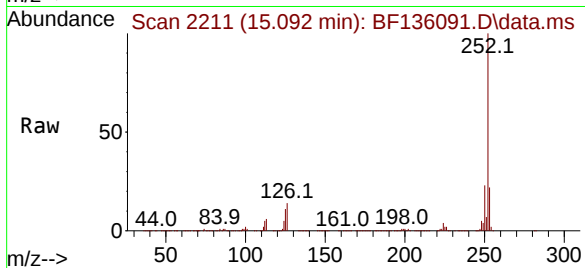
Tgt Ion:252 Resp: 576500

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 10.5 8.0 12.0



#90

Benzo(a)pyrene

Concen: 40.499 ng

RT: 15.439 min Scan# 2270

Delta R.T. 0.006 min

Lab File: BF136091.D

Acq: 02 Nov 2023 12:54

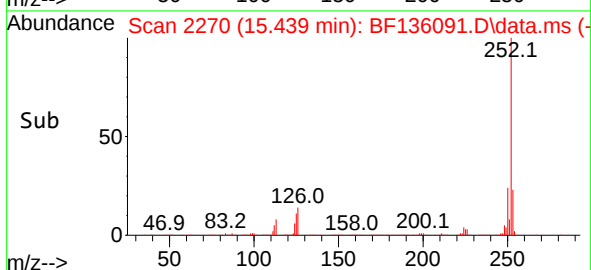
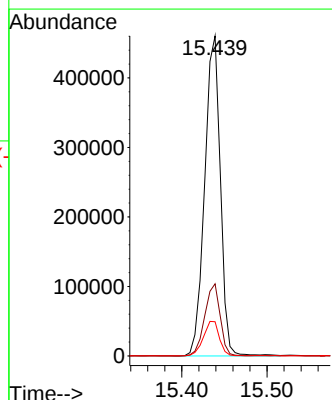
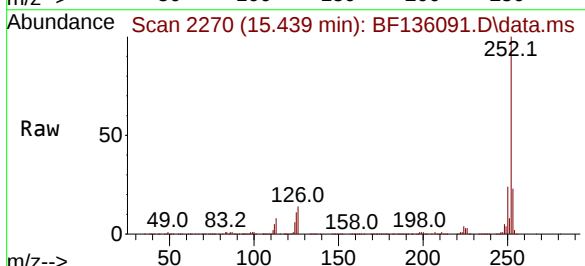
Tgt Ion:252 Resp: 589809

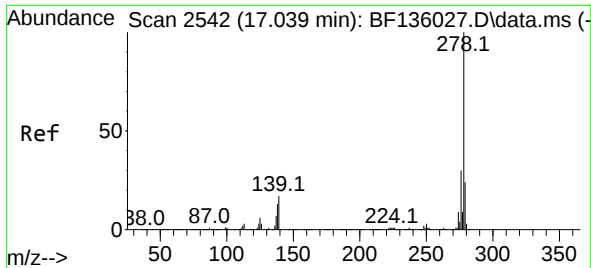
Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

125 10.7 9.0 13.6

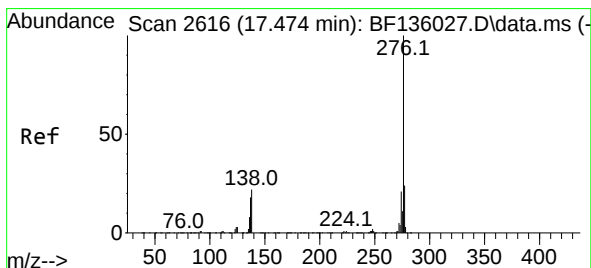
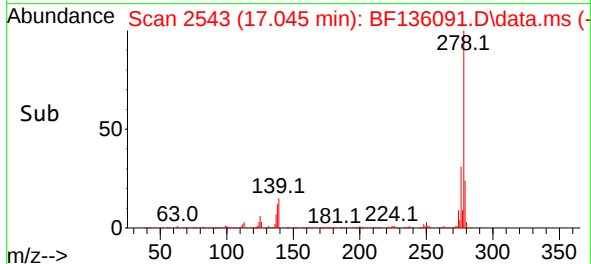
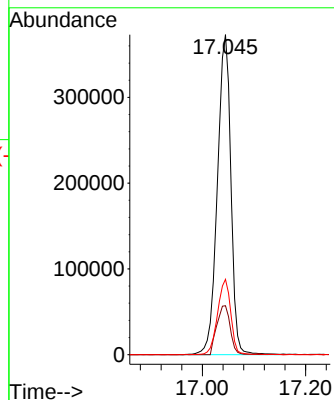
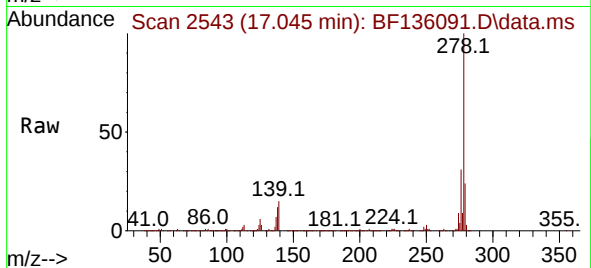




#91
Dibenzo(a,h)anthracene
Concen: 47.621 ng
RT: 17.045 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 675306
Ion Ratio Lower Upper
278 100
139 15.3 13.7 20.5
279 23.5 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 43.291 ng
RT: 17.480 min Scan# 2617
Delta R.T. 0.006 min
Lab File: BF136091.D
Acq: 02 Nov 2023 12:54

Tgt Ion:276 Resp: 694045
Ion Ratio Lower Upper
276 100
277 22.8 19.0 28.4
138 20.8 17.4 26.2

