

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
 Data File : BF136962.D
 Acq On : 05 Jan 2024 02:31
 Operator : CG\JU
 Sample : P1004-01MSD 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-01022024MSD

Quant Time: Jan 05 03:55:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	46666	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	171726	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	82066	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	146476	20.000	ng	0.00
76) Chrysene-d12	13.969	240	112186	20.000	ng	0.00
86) Perylene-d12	15.457	264	85036	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	165419	55.308	ng	0.00
7) Phenol-d6	6.434	99	199176	51.394	ng	0.00
23) Nitrobenzene-d5	7.345	82	117850	35.117	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	48860	50.553	ng	-0.01
45) 2-Fluorobiphenyl	9.134	172	249987	40.971	ng	-0.02
79) Terphenyl-d14	12.904	244	251486	31.327	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.499	88	23952	19.220	ng	96
3) Pyridine	3.275	79	53628	17.638	ng	88
4) n-Nitrosodimethylamine	3.222	42	30425	18.738	ng	# 93
6) Aniline	6.451	93	69909	18.043	ng	# 63
8) 2-Chlorophenol	6.575	128	69976	21.380	ng	94
9) Benzaldehyde	6.340	77	14535	6.594	ng	96
10) Phenol	6.445	94	87794	21.221	ng	91
11) bis(2-Chloroethyl)ether	6.522	93	63882	20.305	ng	93
12) 1,3-Dichlorobenzene	6.722	146	71396	19.996	ng	97
13) 1,4-Dichlorobenzene	6.798	146	76118	20.864	ng	99
14) 1,2-Dichlorobenzene	6.951	146	68737	20.248	ng	97
15) Benzyl Alcohol	6.928	79	53119	20.317	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	100544	19.547	ng	76
17) 2-Methylphenol	7.051	107	53178	19.612	ng	# 90
18) Hexachloroethane	7.287	117	22606	17.062	ng	92
19) n-Nitroso-di-n-propyla...	7.192	70	47087	20.043	ng	95
20) 3+4-Methylphenols	7.204	107	71481	21.102	ng	# 52
22) Acetophenone	7.192	105	99623	23.145	ng	# 85
24) Nitrobenzene	7.363	77	69158	20.572	ng	99
25) Isophorone	7.598	82	125106	20.488	ng	99
26) 2-Nitrophenol	7.681	139	31325	19.476	ng	100
27) 2,4-Dimethylphenol	7.722	122	52764	26.946	ng	98
28) bis(2-Chloroethoxy)met...	7.810	93	80286	21.630	ng	98
29) 2,4-Dichlorophenol	7.934	162	52869	20.972	ng	94
30) 1,2,4-Trichlorobenzene	8.004	180	59796	21.289	ng	99
31) Naphthalene	8.081	128	199885	21.187	ng	100
32) Benzoic acid	7.828	122	31683	16.722	ng	94
33) 4-Chloroaniline	8.139	127	63840	18.328	ng	94
34) Hexachlorobutadiene	8.192	225	34908	20.456	ng	98
35) Caprolactam	8.487	113	17334	20.843	ng	96
36) 4-Chloro-3-methylphenol	8.628	107	58021	20.444	ng	95
37) 2-Methylnaphthalene	8.775	142	124147	20.447	ng	98
38) 1-Methylnaphthalene	8.875	142	120821	20.283	ng	95
40) 1,2,4,5-Tetrachloroben...	8.939	216	61114	24.046	ng	98
41) Hexachlorocyclopentadiene	8.922	237	467	5.439	ng	78
43) 2,4,6-Trichlorophenol	9.063	196	36026	22.103	ng	97

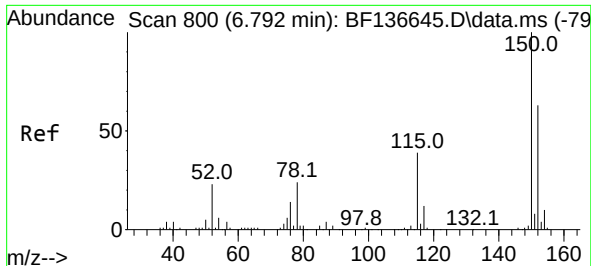
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	39567	21.784	ng	97
46) 1,1'-Biphenyl	9.239	154	163619	23.759	ng	99
47) 2-Chloronaphthalene	9.263	162	115426	22.048	ng	98
48) 2-Nitroaniline	9.369	65	36278	22.129	ng	87
49) Acenaphthylene	9.681	152	186290	23.280	ng	99
50) Dimethylphthalate	9.539	163	132691	22.136	ng	99
51) 2,6-Dinitrotoluene	9.610	165	27013	19.856	ng	92
52) Acenaphthene	9.851	154	108411	21.856	ng	98
53) 3-Nitroaniline	9.781	138	31059	21.552	ng	98
54) 2,4-Dinitrophenol	9.904	184	1713	5.901	ng	# 89
55) Dibenzofuran	10.022	168	166535	22.148	ng	99
56) 4-Nitrophenol	9.969	139	31489	32.368	ng	95
57) 2,4-Dinitrotoluene	10.016	165	32742	18.539	ng	# 98
58) Fluorene	10.369	166	132456	22.201	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	27773	19.864	ng	99
60) Diethylphthalate	10.239	149	135556	21.795	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	62200	21.449	ng	98
62) 4-Nitroaniline	10.392	138	30701	22.099	ng	95
63) Azobenzene	10.522	77	116629	20.077	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	2450	2.919	ng	74
66) n-Nitrosodiphenylamine	10.481	169	114466	24.057	ng	96
67) 4-Bromophenyl-phenylether	10.851	248	36253	22.286	ng	98
68) Hexachlorobenzene	10.916	284	38816	21.412	ng	94
69) Atrazine	11.010	200	35720	29.351	ng	99
70) Pentachlorophenol	11.122	266	28902	34.204	ng	98
71) Phenanthrene	11.333	178	185989	24.746	ng	99
72) Anthracene	11.386	178	182025	23.915	ng	98
73) Carbazole	11.551	167	166944	23.263	ng	99
74) Di-n-butylphthalate	11.875	149	212134	24.225	ng	98
75) Fluoranthene	12.533	202	230854	28.716	ng	99
77) Benzidine	12.663	184	70753	21.389	ng	99
78) Pyrene	12.763	202	230475	20.928	ng	99
80) Butylbenzylphthalate	13.386	149	85789	21.408	ng	97
81) Benzo(a)anthracene	13.963	228	198982	25.543	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	57577	26.026	ng	94
83) Chrysene	13.998	228	185615	24.366	ng	96
84) Bis(2-ethylhexyl)phtha...	13.945	149	130036	25.791	ng	98
85) Di-n-octyl phthalate	14.563	149	217304	27.863	ng	98
87) Indeno(1,2,3-cd)pyrene	16.980	276	118401	19.284	ng	98
88) Benzo(b)fluoranthene	15.021	252	150726	26.538	ng	98
89) Benzo(k)fluoranthene	15.051	252	136169	25.373	ng	98
90) Benzo(a)pyrene	15.398	252	115206	24.030	ng	98
91) Dibenzo(a,h)anthracene	16.986	278	98514	19.558	ng	98
92) Benzo(g,h,i)perylene	17.433	276	94597	18.336	ng	100

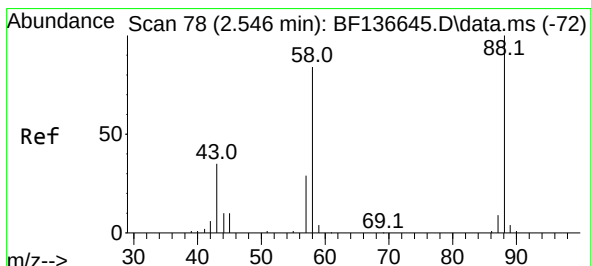
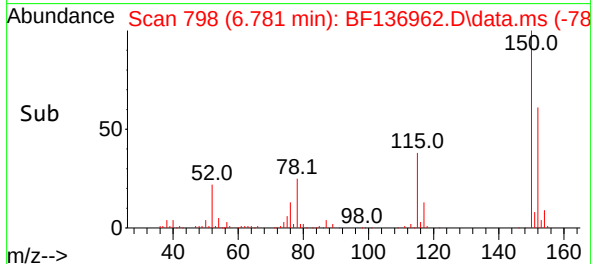
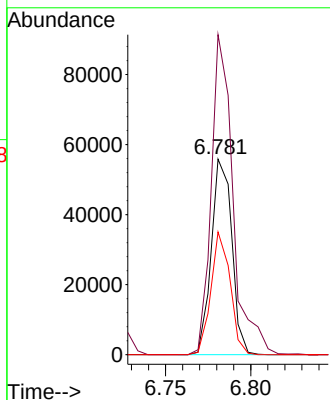
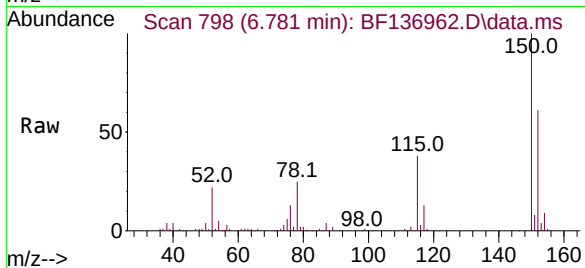
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
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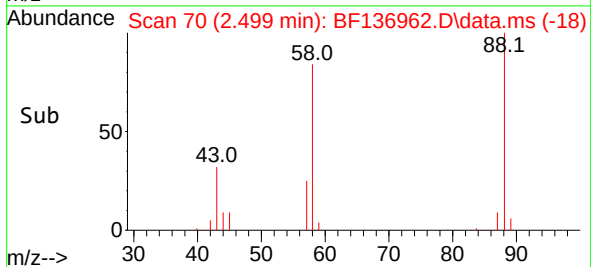
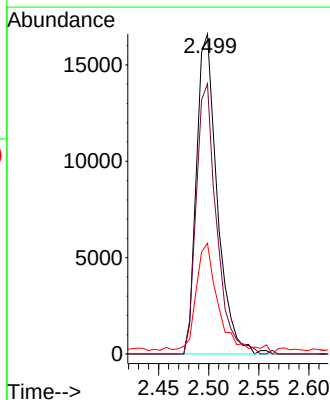
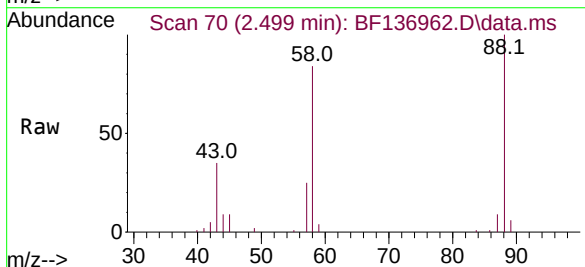
Instrument :
 BNA_F
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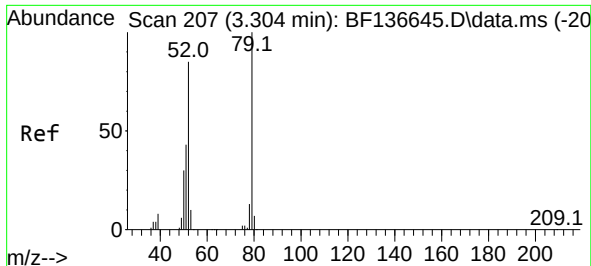
Tgt Ion:152 Resp: 46666
 Ion Ratio Lower Upper
 152 100
 150 163.7 127.0 190.6
 115 62.8 49.0 73.4



#2
 1,4-Dioxane
 Concen: 19.220 ng
 RT: 2.499 min Scan# 70
 Delta R.T. -0.047 min
 Lab File: BF136962.D
 Acq: 05 Jan 2024 02:31

Tgt Ion: 88 Resp: 23952
 Ion Ratio Lower Upper
 88 100
 58 82.5 67.4 101.0
 43 39.7 27.7 41.5

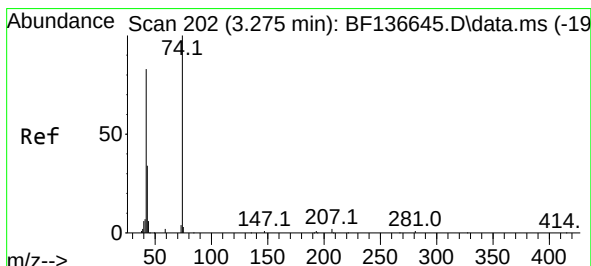
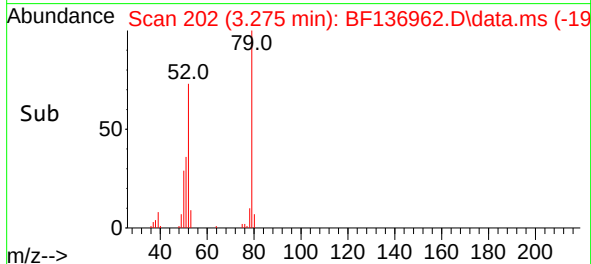
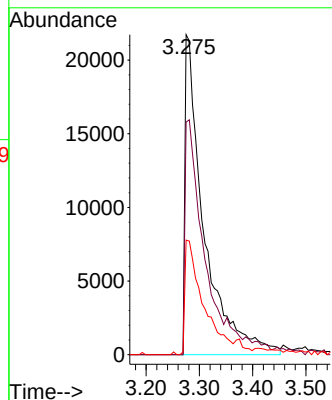
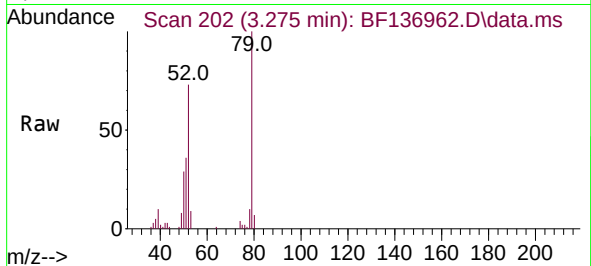




#3
Pyridine
Concen: 17.638 ng
RT: 3.275 min Scan# 20
Delta R.T. -0.029 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

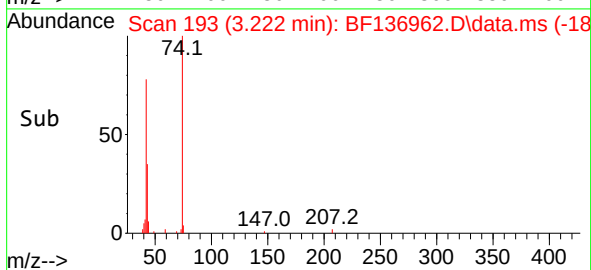
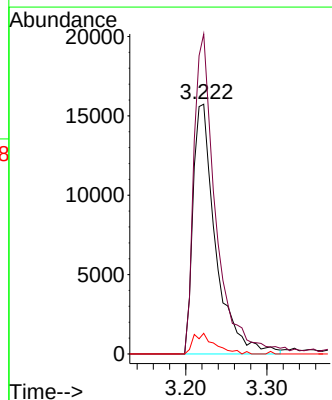
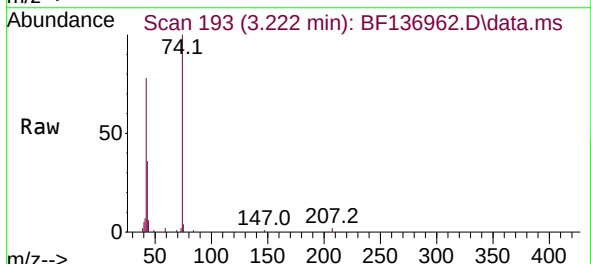
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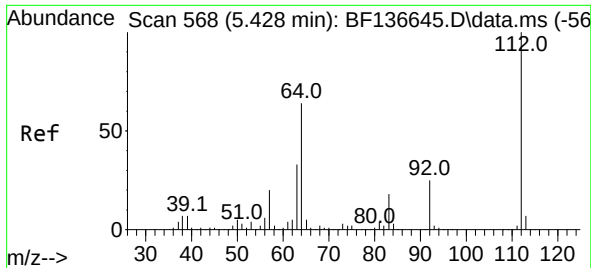
Tgt Ion: 79 Resp: 53628
Ion Ratio Lower Upper
79 100
52 72.7 67.7 101.5
51 35.8 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 18.738 ng
RT: 3.222 min Scan# 193
Delta R.T. -0.053 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Tgt Ion: 42 Resp: 30425
Ion Ratio Lower Upper
42 100
74 128.1 96.0 144.0
44 8.3 5.4 8.2#

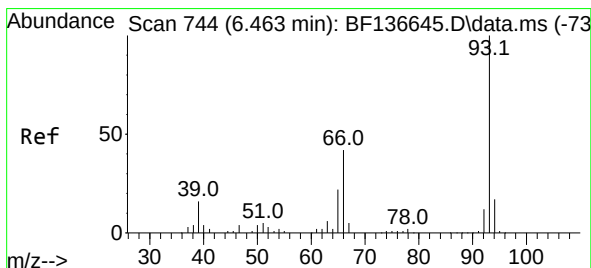
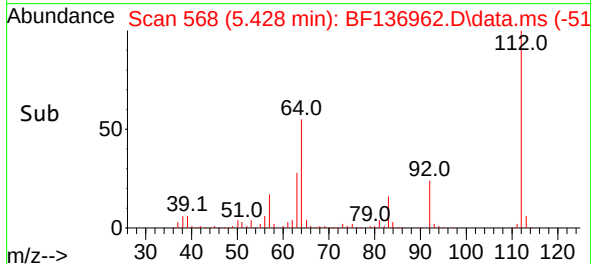
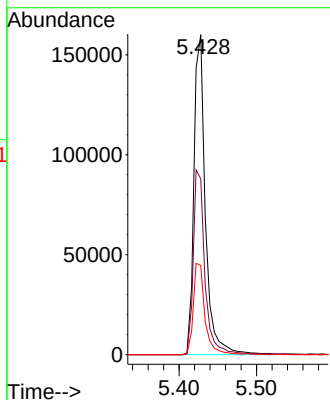
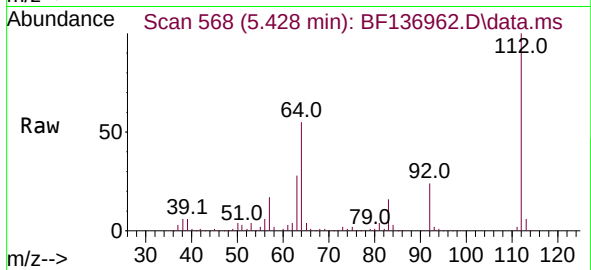




#5
2-Fluorophenol
Concen: 55.308 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

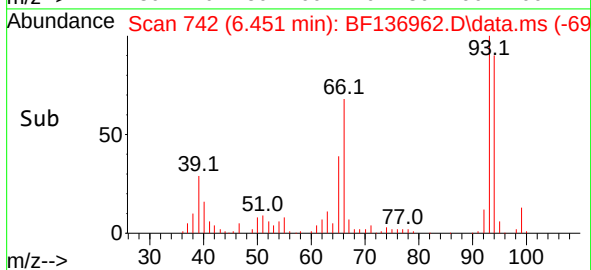
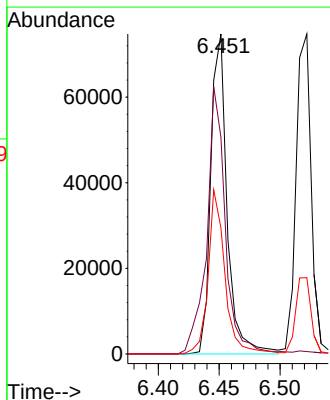
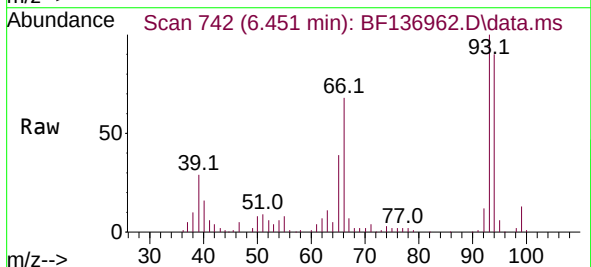
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ClientSampleId :
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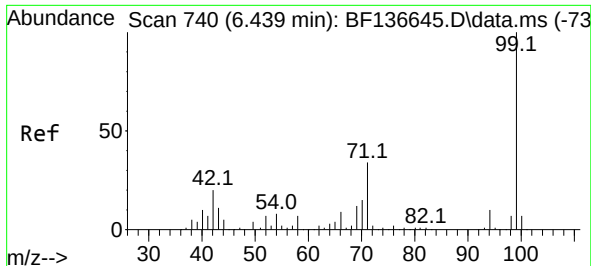
Tgt Ion:112 Resp: 165419
Ion Ratio Lower Upper
112 100
64 55.0 51.1 76.7
63 27.9 26.1 39.1



#6
Aniline
Concen: 18.043 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Tgt Ion: 93 Resp: 69909
Ion Ratio Lower Upper
93 100
66 67.7 34.6 51.8#
65 39.4 17.8 26.8#

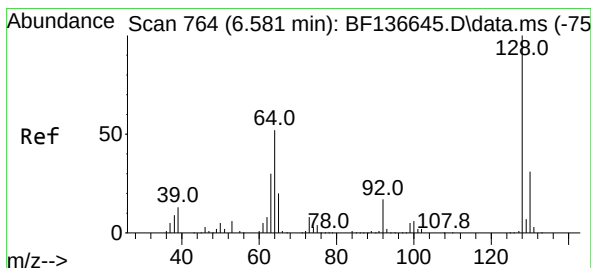
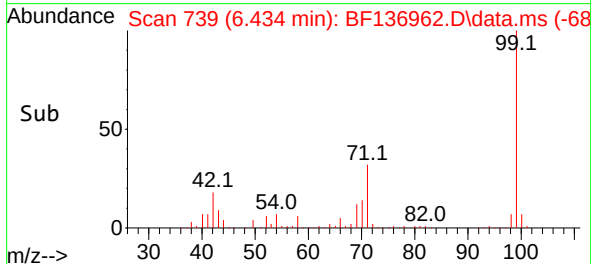
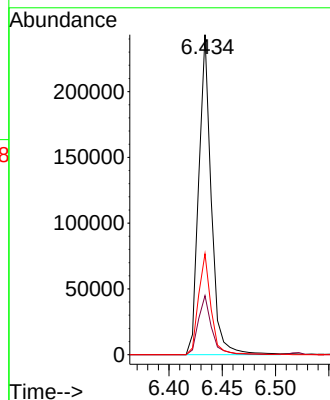
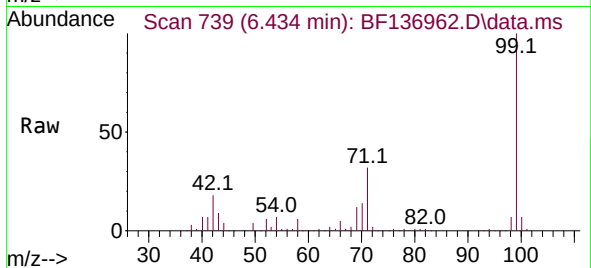




#7
Phenol-d6
Concen: 51.394 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

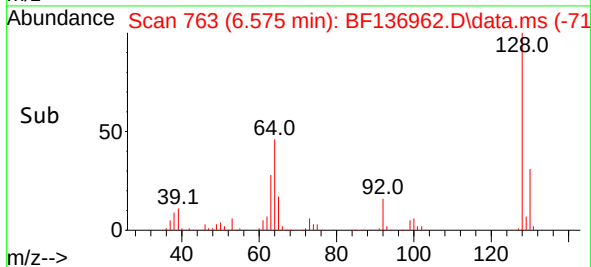
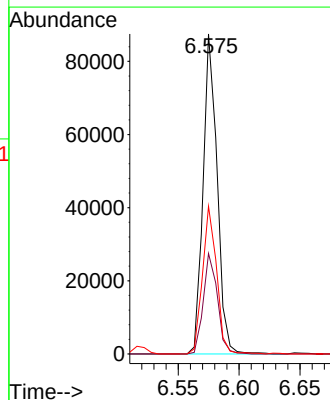
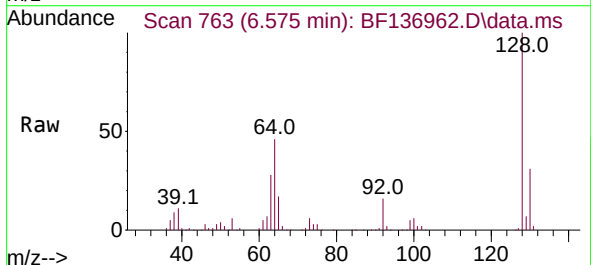
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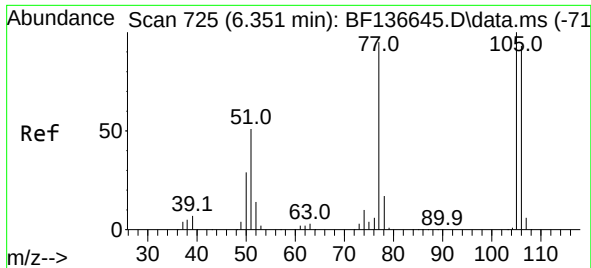
Tgt Ion: 99 Resp: 199176
Ion Ratio Lower Upper
99 100
42 18.5 16.1 24.1
71 31.6 27.4 41.2



#8
2-Chlorophenol
Concen: 21.380 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Tgt Ion: 128 Resp: 69976
Ion Ratio Lower Upper
128 100
130 31.4 11.3 51.3
64 46.1 32.5 72.5





#9

Benzaldehyde

Concen: 6.594 ng

RT: 6.340 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

Instrument :

BNA_F

ClientSampleId :

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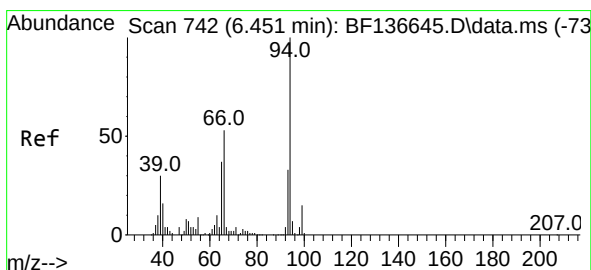
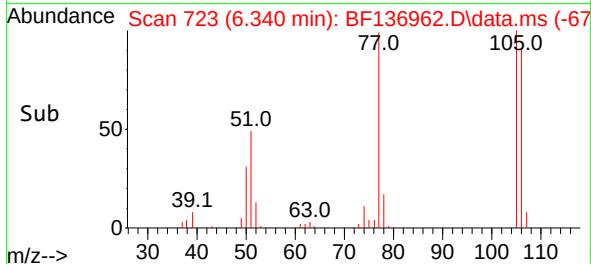
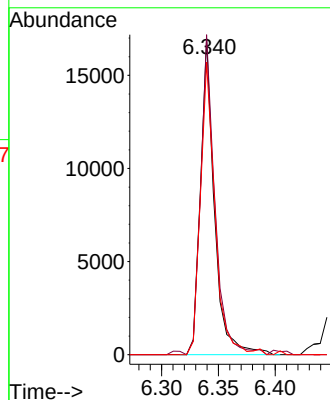
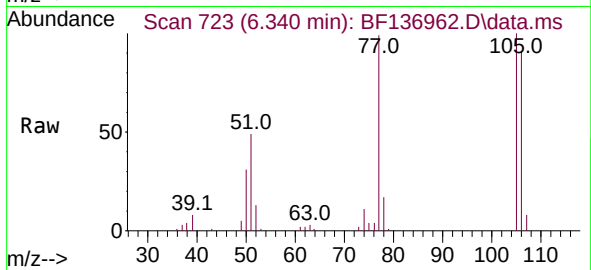
Tgt Ion: 77 Resp: 14535

Ion Ratio Lower Upper

77 100

105 101.2 84.8 124.8

106 92.4 77.8 117.8



#10

Phenol

Concen: 21.221 ng

RT: 6.445 min Scan# 741

Delta R.T. -0.006 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

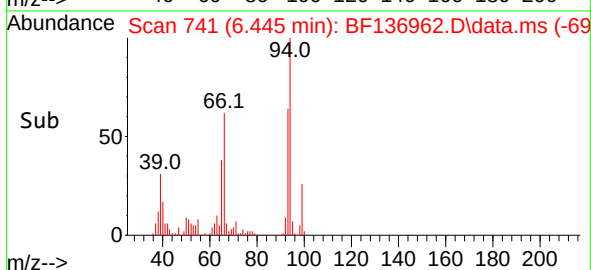
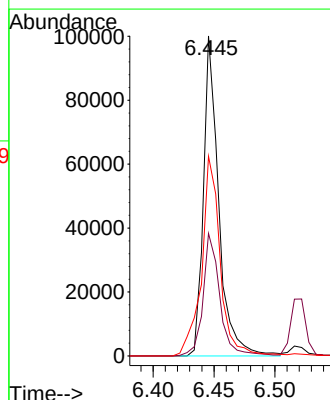
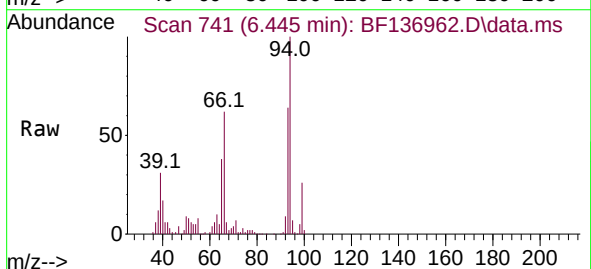
Tgt Ion: 94 Resp: 87794

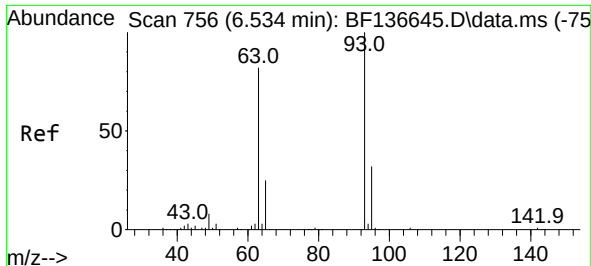
Ion Ratio Lower Upper

94 100

65 38.3 16.6 56.6

66 62.4 32.6 72.6

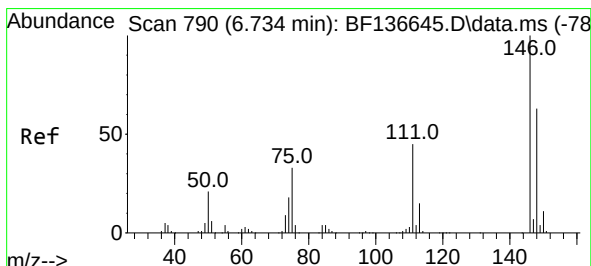
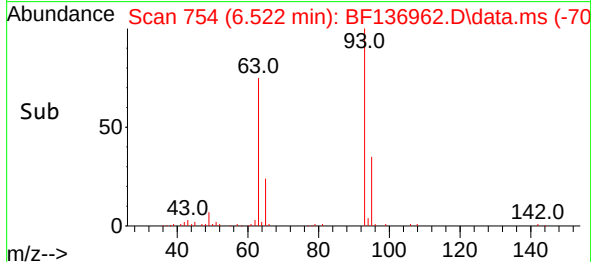
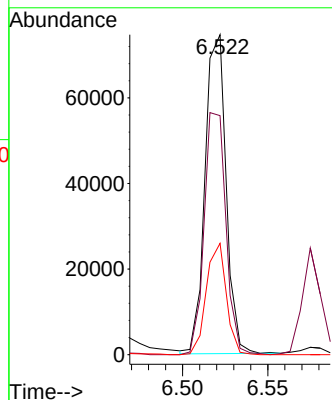
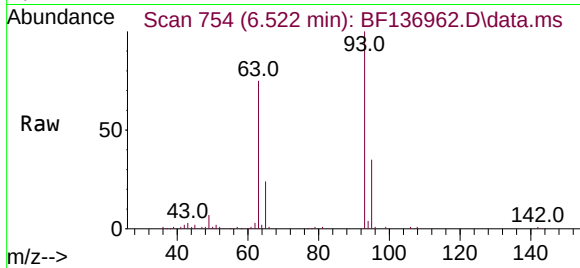




#11
bis(2-Chloroethyl)ether
Concen: 20.305 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

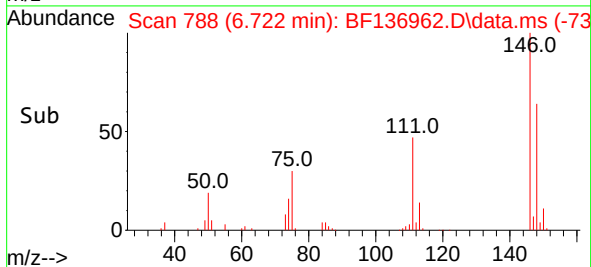
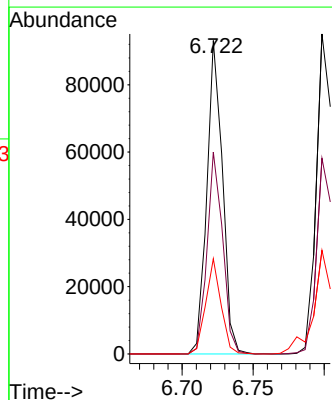
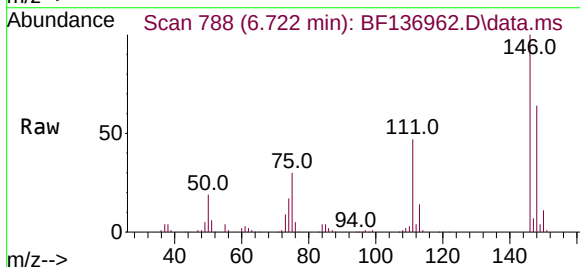
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD

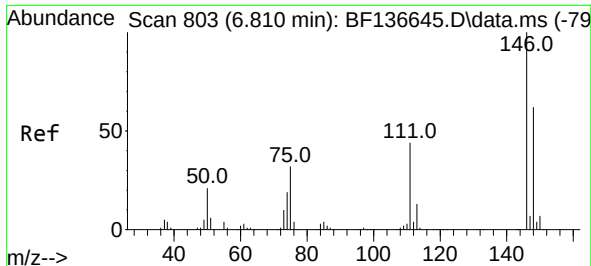
Tgt Ion: 93	Resp: 63882
Ion Ratio	Lower Upper
93 100	
63 74.7	61.2 101.2
95 34.8	11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 19.996 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Tgt Ion:146	Resp: 71396
Ion Ratio	Lower Upper
146 100	
148 64.4	50.5 75.7
75 30.4	26.2 39.4

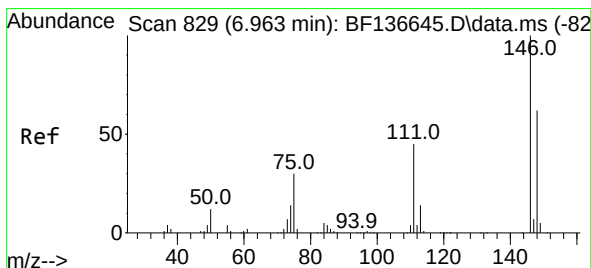
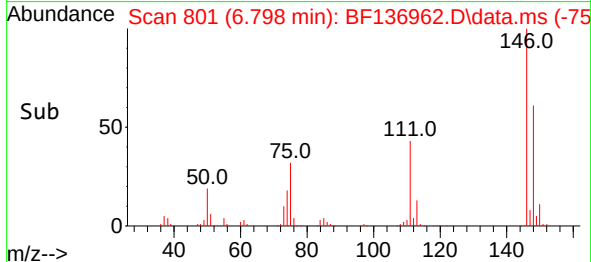
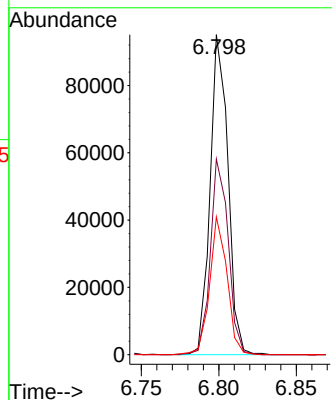
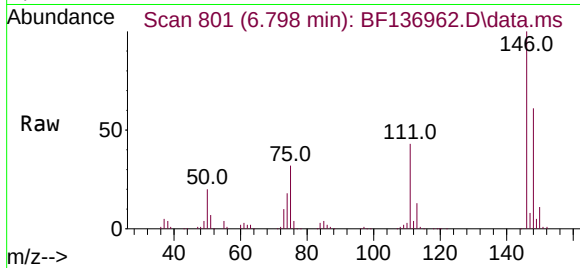




#13
1,4-Dichlorobenzene
Concen: 20.864 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

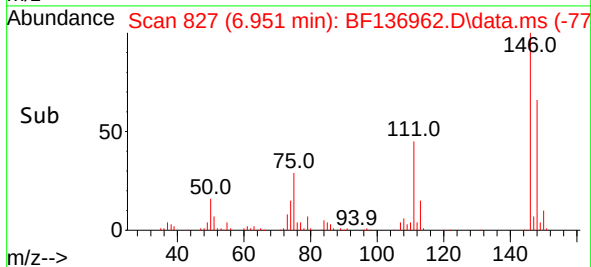
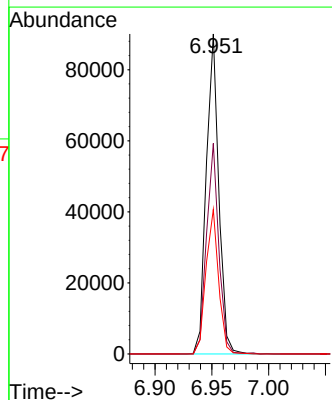
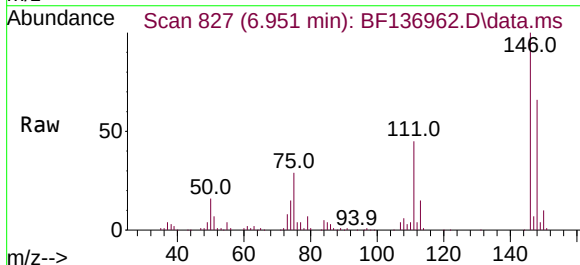
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD

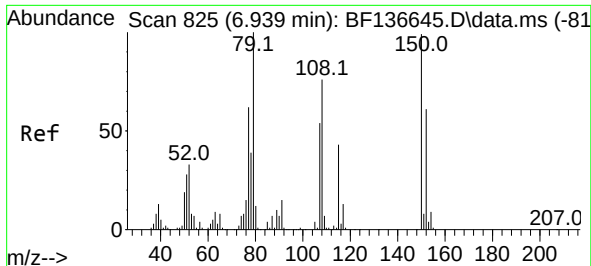
Tgt Ion:146 Resp: 76118
Ion Ratio Lower Upper
146 100
148 61.2 49.2 73.8
111 43.0 35.2 52.8



#14
1,2-Dichlorobenzene
Concen: 20.248 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

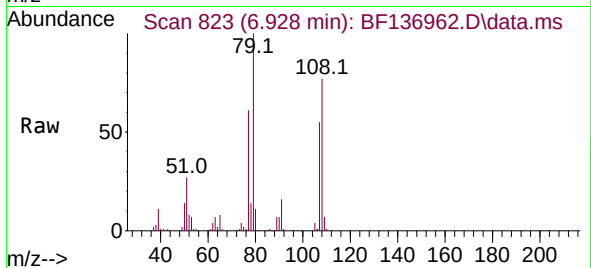
Tgt Ion:146 Resp: 68737
Ion Ratio Lower Upper
146 100
148 65.8 49.6 74.4
111 45.1 36.2 54.2



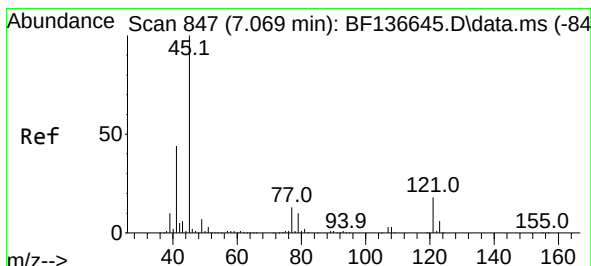
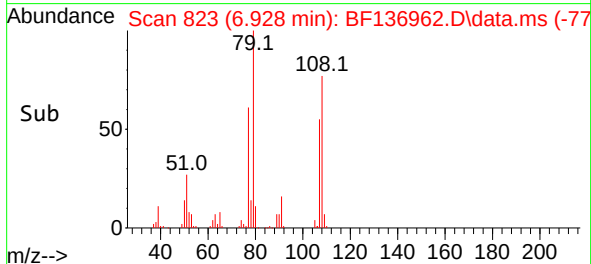
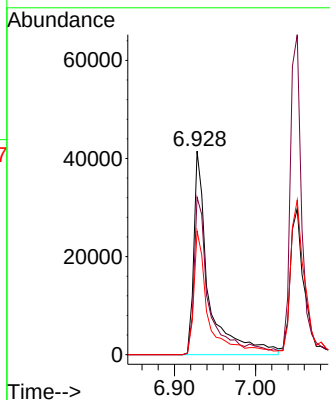


#15
Benzyl Alcohol
Concen: 20.317 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD

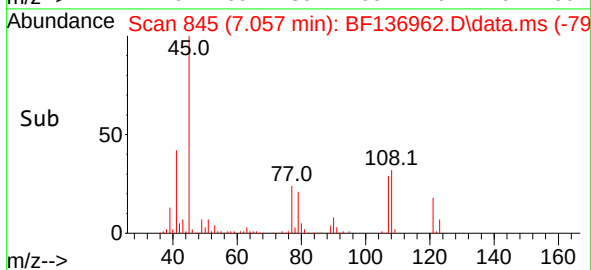
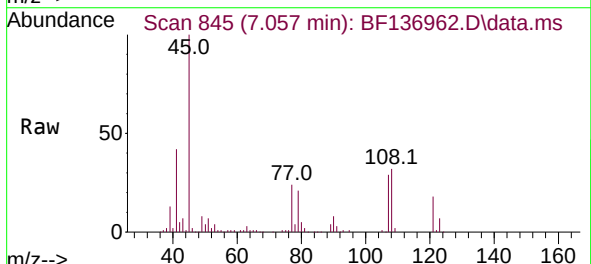
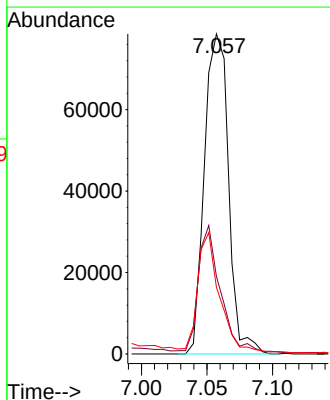


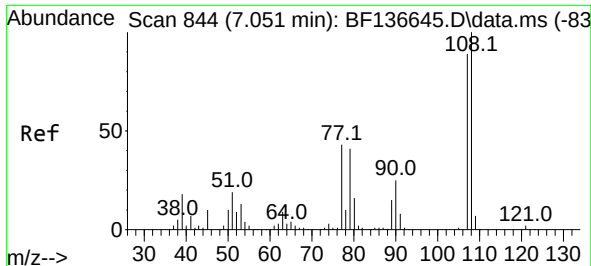
Tgt Ion: 79 Resp: 53119
Ion Ratio Lower Upper
79 100
108 77.4 61.0 91.6
77 60.8 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 19.547 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

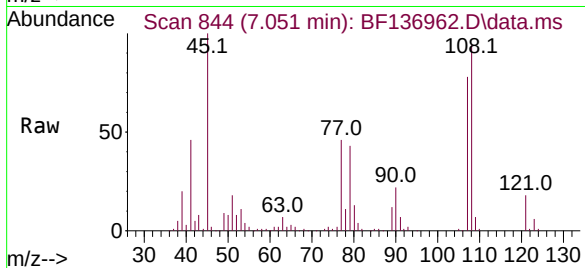
Tgt Ion: 45 Resp: 100544
Ion Ratio Lower Upper
45 100
77 24.2 0.0 34.3
79 20.8 0.0 31.4



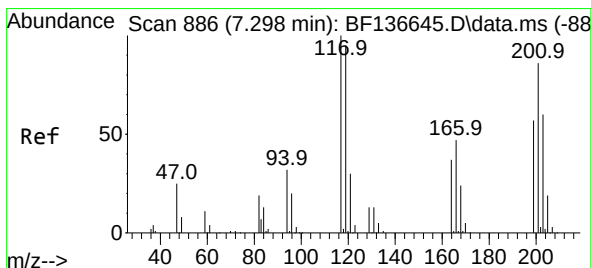
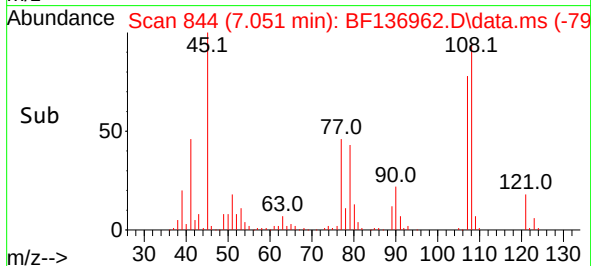
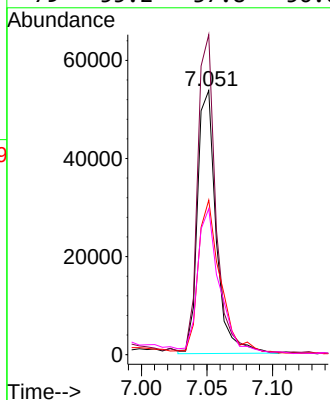


#17
2-Methylphenol
Concen: 19.612 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD

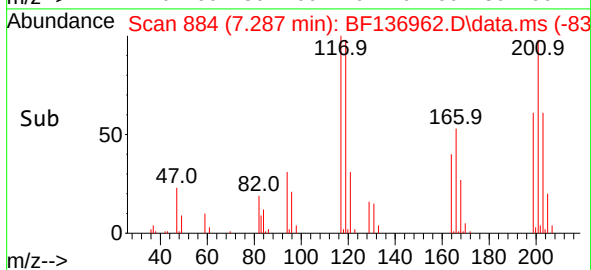
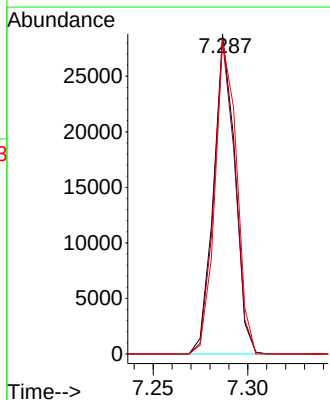
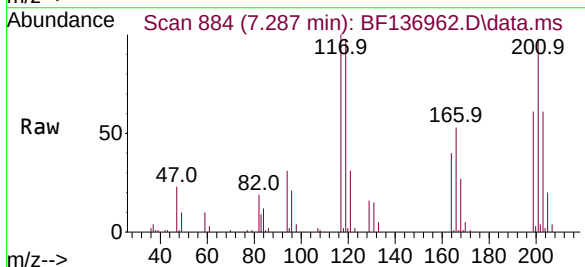


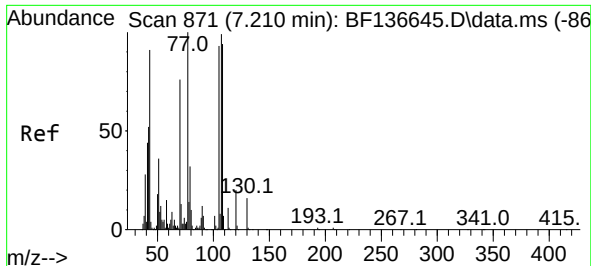
Tgt Ion:	107	Resp:	53178
Ion	Ratio	Lower	Upper
107	100		
108	121.1	90.3	135.5
77	58.5	38.7	58.1#
79	55.2	37.8	56.6



#18
Hexachloroethane
Concen: 17.062 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

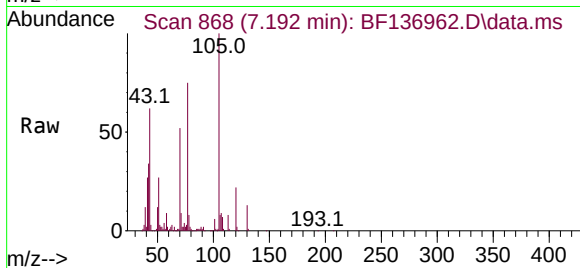
Tgt Ion:	117	Resp:	22606
Ion	Ratio	Lower	Upper
117	100		
119	98.1	75.8	113.6
201	97.6	69.1	103.7



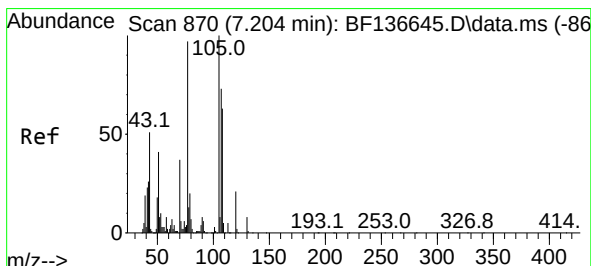
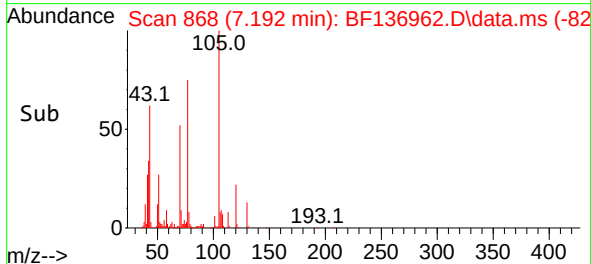
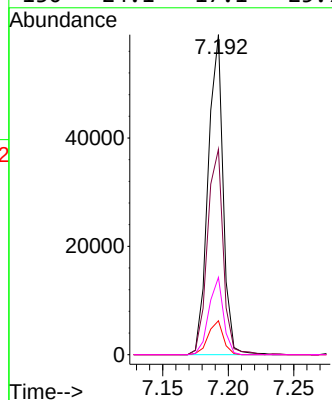


#19
n-Nitroso-di-n-propylamine
Concen: 20.043 ng
RT: 7.192 min Scan# 80
Delta R.T. -0.017 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD

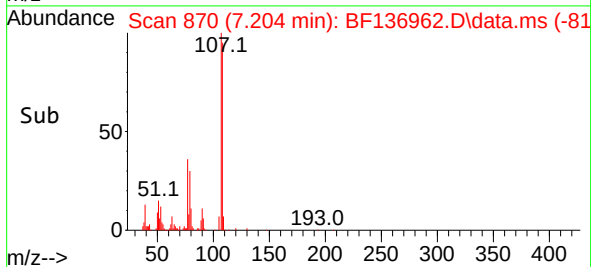
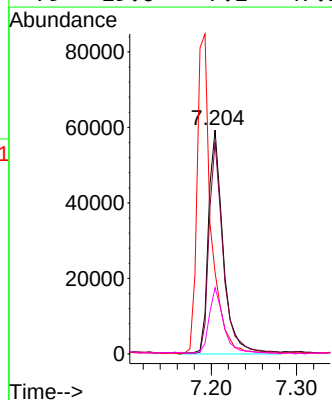
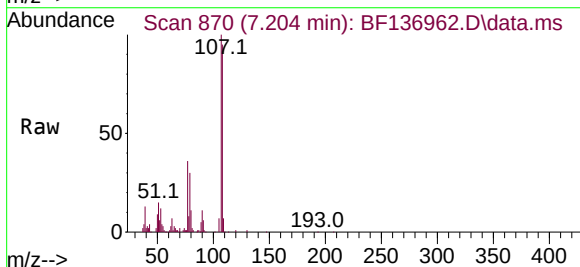


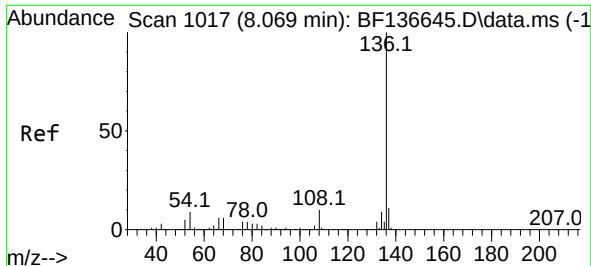
Tgt Ion:	70	Resp:	47087
Ion	Ratio	Lower	Upper
70	100		
42	64.2	54.2	81.4
101	10.6	7.6	11.4
130	24.1	17.1	25.7



#20
3+4-Methylphenols
Concen: 21.102 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Tgt Ion:	107	Resp:	71481
Ion	Ratio	Lower	Upper
107	100		
108	94.8	66.0	106.0
77	36.5	114.2	154.2#
79	29.6	7.2	47.2

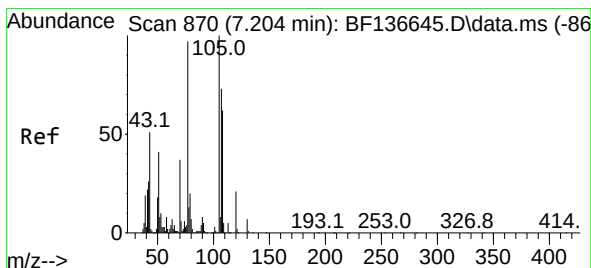
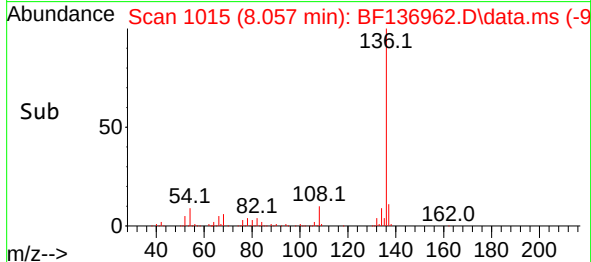
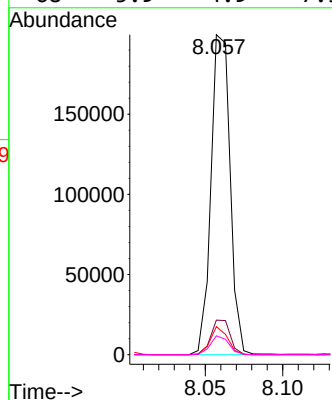
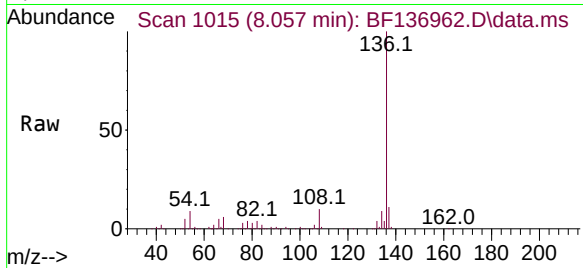




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

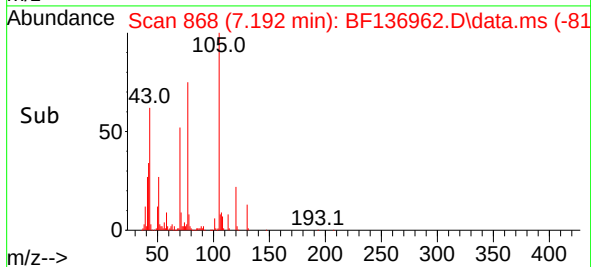
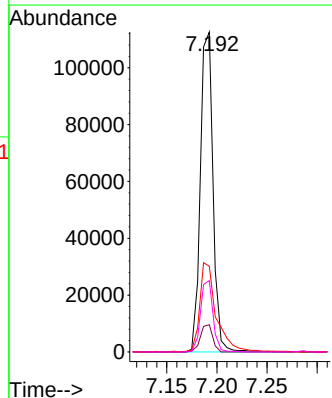
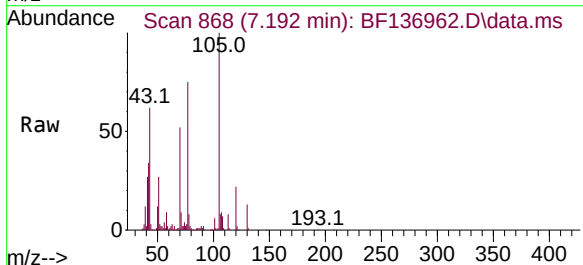
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD

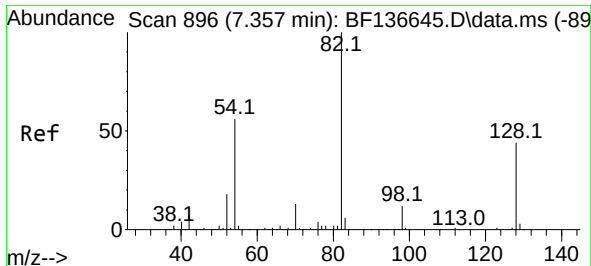
Tgt Ion:136	Resp:	171726
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.0 13.4
54	8.7	7.2 10.8
68	5.9	4.9 7.3



#22
Acetophenone
Concen: 23.145 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Tgt Ion:105	Resp:	99623
Ion Ratio	Lower	Upper
105	100	
71	8.5	4.8 7.2#
51	26.8	32.8 49.2#
120	22.3	17.0 25.6





#23

Nitrobenzene-d5

Concen: 35.117 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MSD

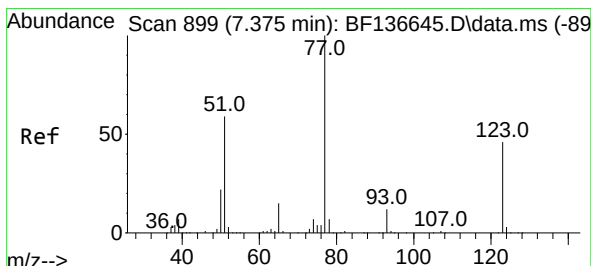
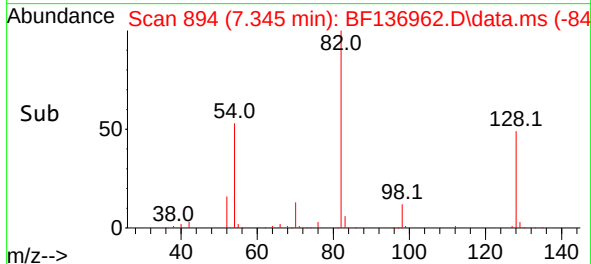
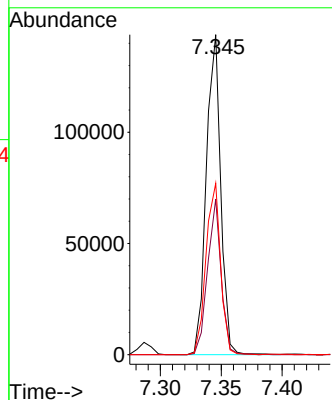
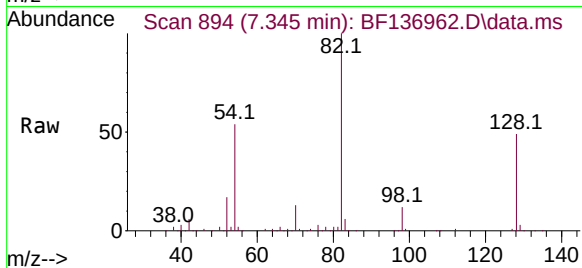
Tgt Ion: 82 Resp: 117850

Ion Ratio Lower Upper

82 100

128 48.6 35.3 52.9

54 53.6 44.5 66.7



#24

Nitrobenzene

Concen: 20.572 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

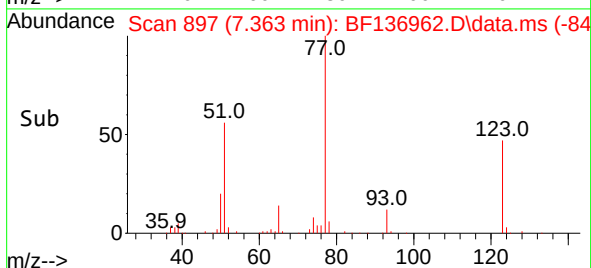
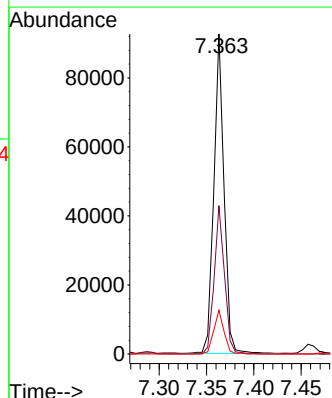
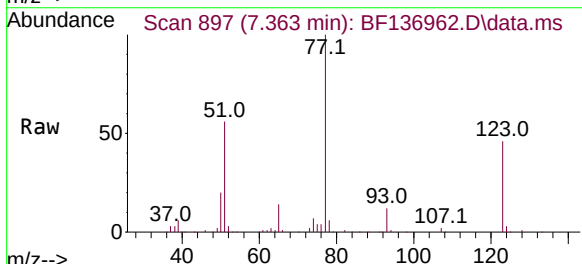
Tgt Ion: 77 Resp: 69158

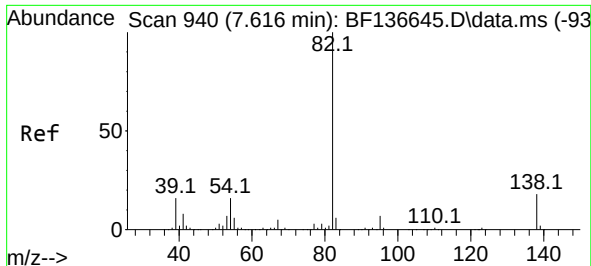
Ion Ratio Lower Upper

77 100

123 46.3 36.7 55.1

65 13.6 11.8 17.6

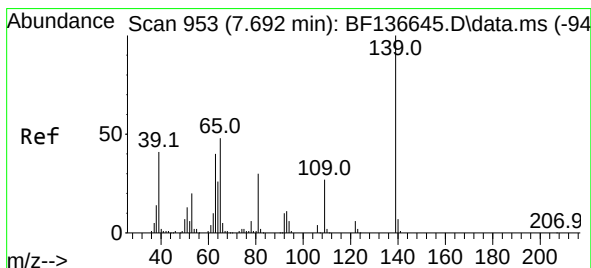
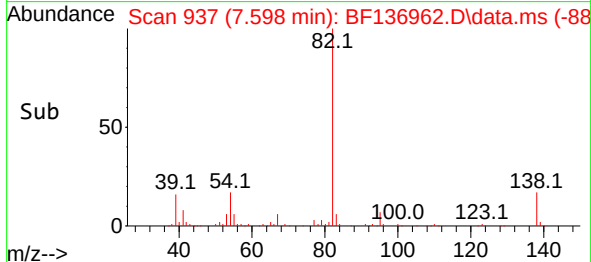
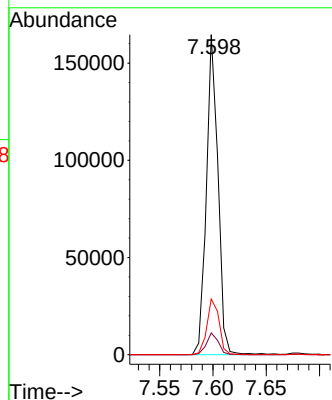
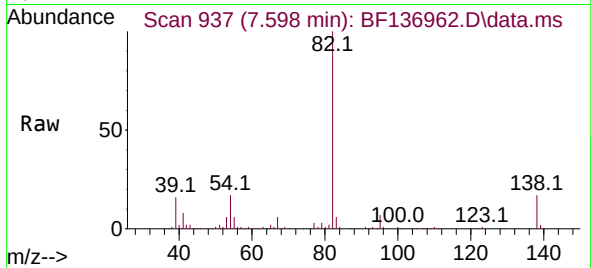




#25
Isophorone
Concen: 20.488 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

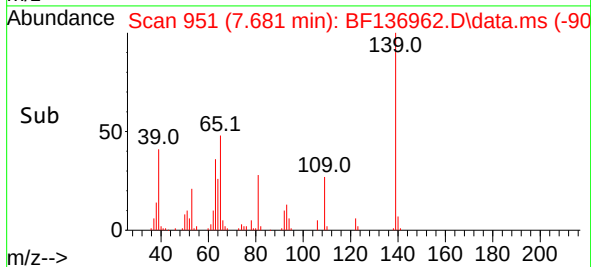
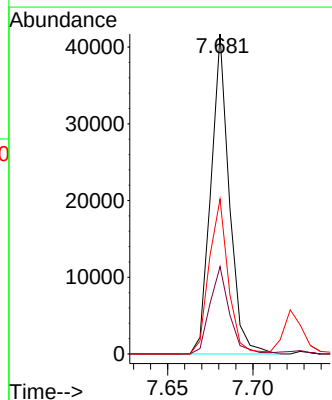
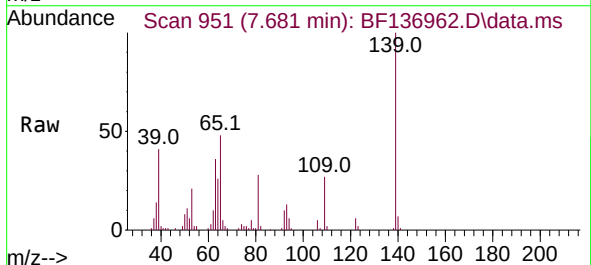
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD

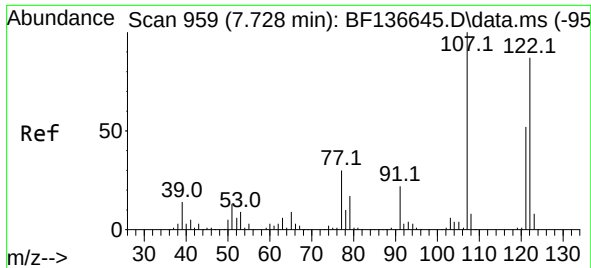
Tgt Ion: 82 Resp: 125106
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.4 14.5 21.7



#26
2-Nitrophenol
Concen: 19.476 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Tgt Ion: 139 Resp: 31325
Ion Ratio Lower Upper
139 100
109 27.3 21.9 32.9
65 48.4 38.6 58.0

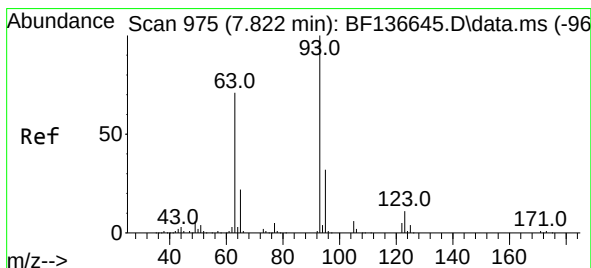
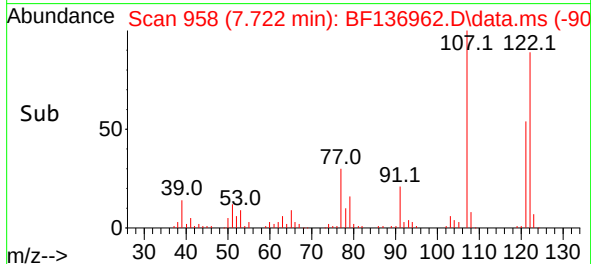
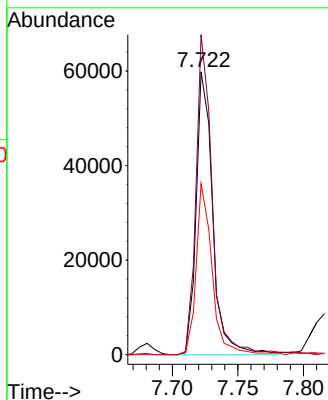
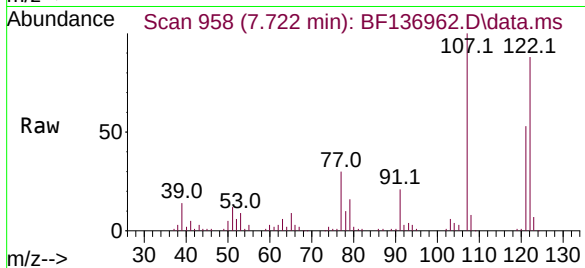




#27
2,4-Dimethylphenol
Concen: 26.946 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

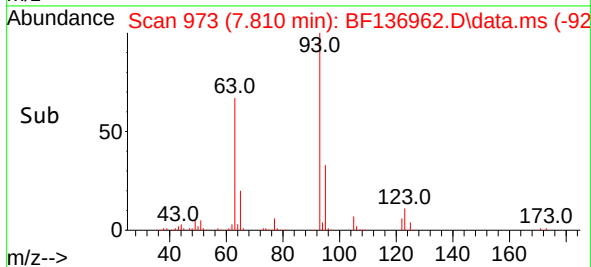
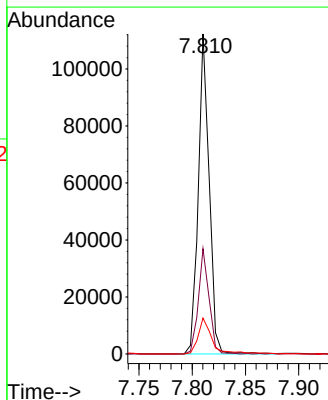
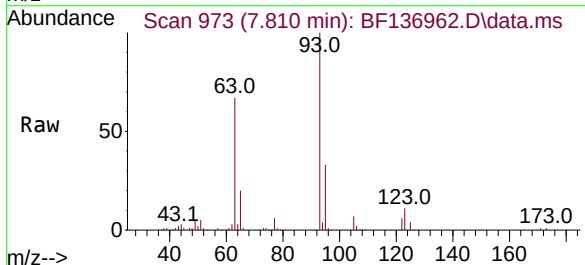
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD

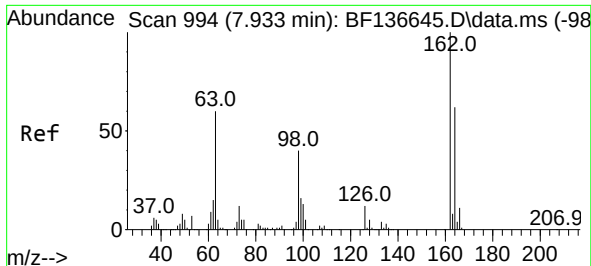
Tgt Ion:	122	Resp:	52764
Ion	Ratio	Lower	Upper
122	100		
107	113.1	92.0	138.0
121	60.5	47.5	71.3



#28
bis(2-Chloroethoxy)methane
Concen: 21.630 ng
RT: 7.810 min Scan# 973
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Tgt Ion:	93	Resp:	80286
Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.5	38.3
123	11.2	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 20.972 ng

RT: 7.934 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MSD

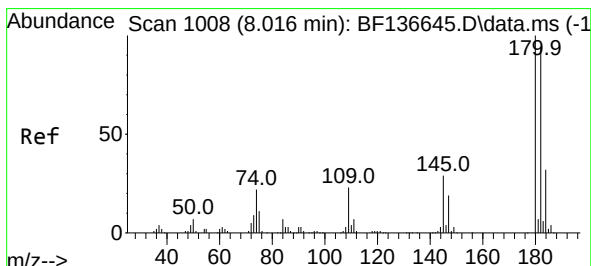
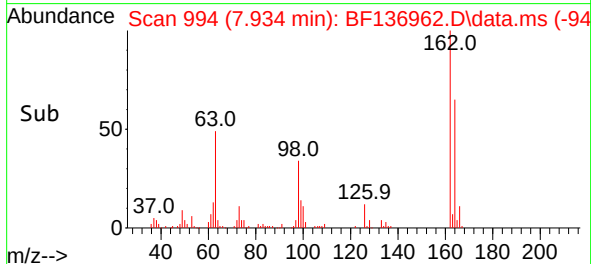
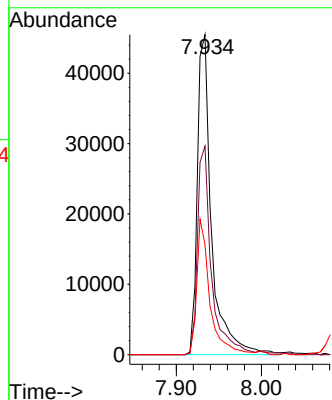
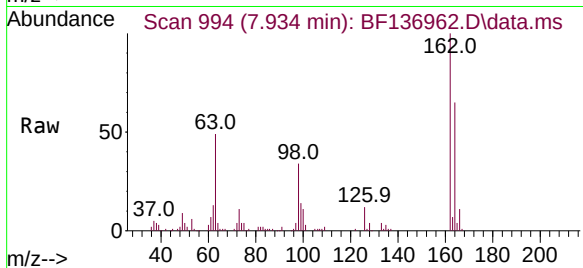
Tgt Ion:162 Resp: 52869

Ion Ratio Lower Upper

162 100

164 65.2 41.7 81.7

98 34.4 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 21.289 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

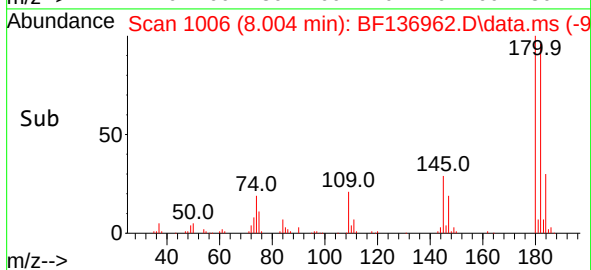
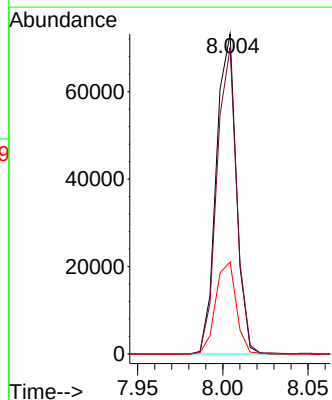
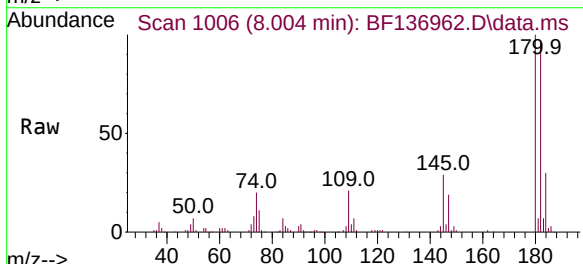
Tgt Ion:180 Resp: 59796

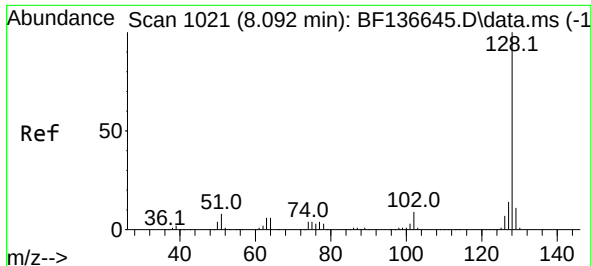
Ion Ratio Lower Upper

180 100

182 95.8 75.4 113.0

145 28.8 23.1 34.7

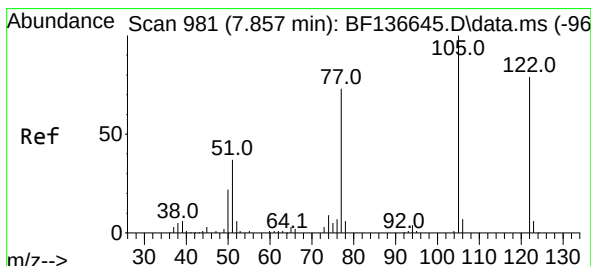
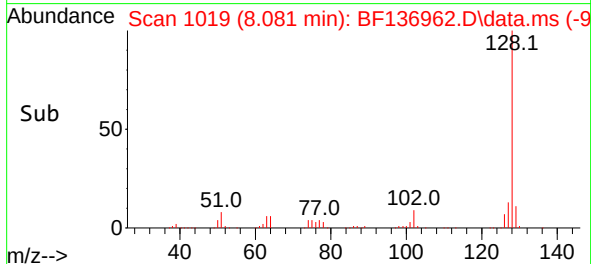
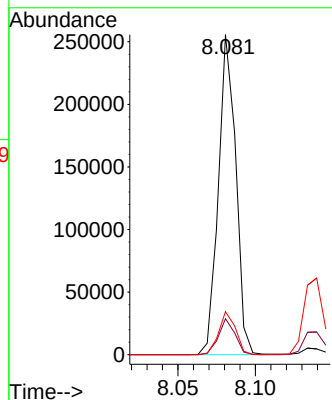
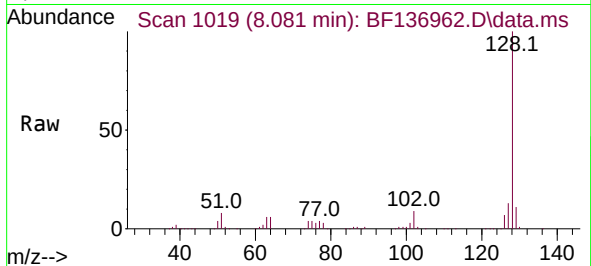




#31
Naphthalene
Concen: 21.187 ng
RT: 8.081 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

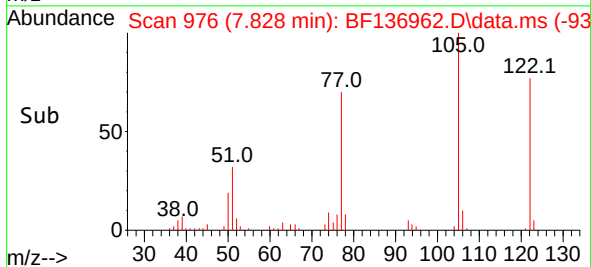
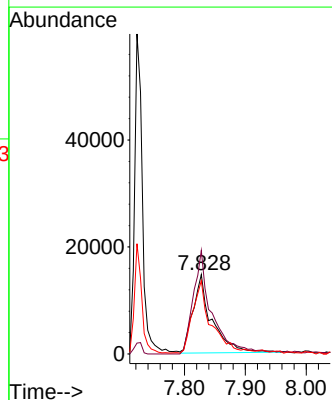
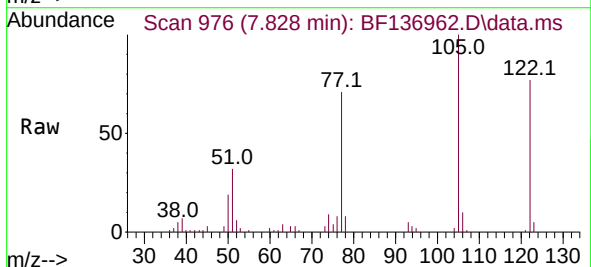
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD

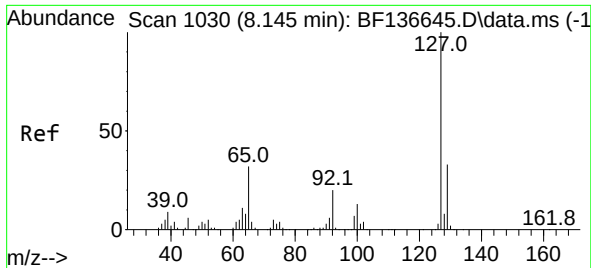
Tgt Ion:128 Resp: 199885
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 16.722 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.029 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Tgt Ion:122 Resp: 31683
Ion Ratio Lower Upper
122 100
105 130.6 100.8 140.8
77 92.4 70.9 110.9

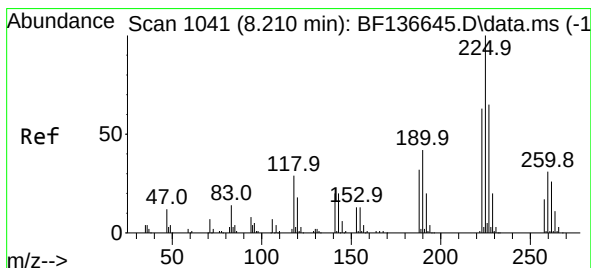
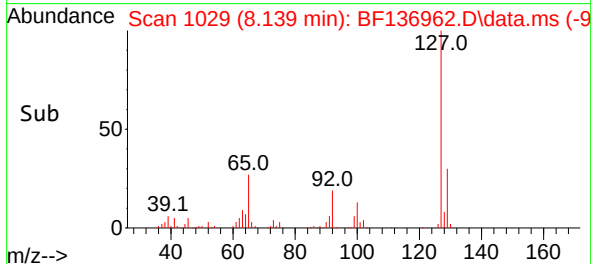
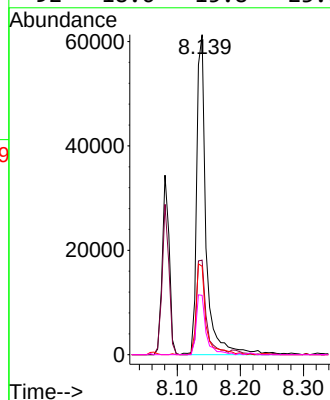
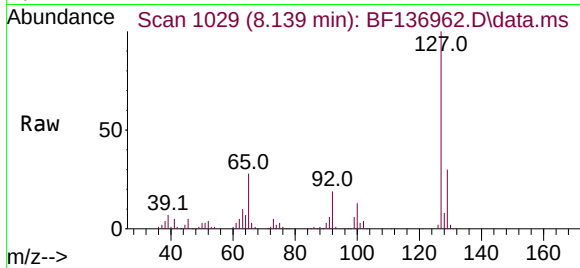




#33
4-Chloroaniline
Concen: 18.328 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

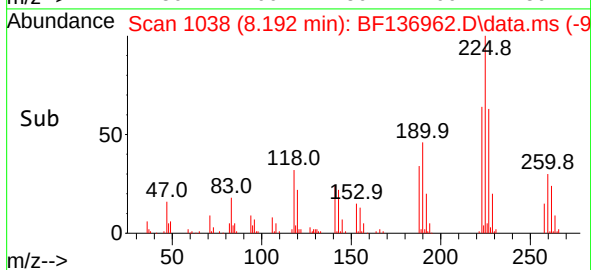
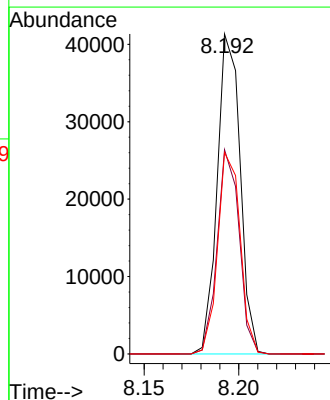
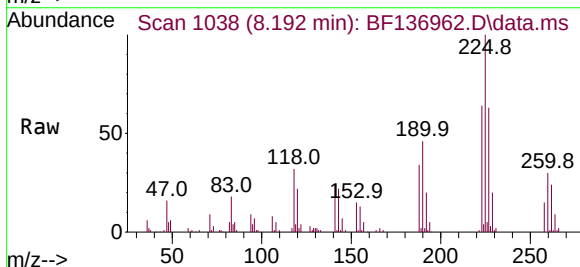
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD

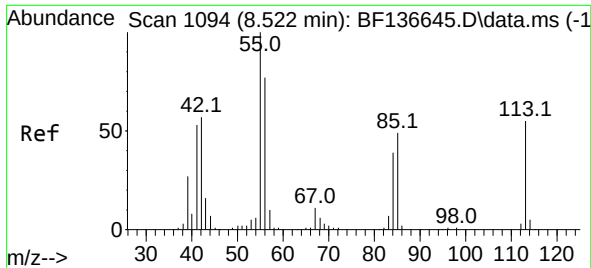
Tgt Ion:127	Resp: 63840
Ion Ratio	Lower Upper
127 100	
129 29.6	26.3 39.5
65 27.7	25.8 38.8
92 18.6	15.8 23.6



#34
Hexachlorobutadiene
Concen: 20.456 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.017 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Tgt Ion:225	Resp: 34908
Ion Ratio	Lower Upper
225 100	
223 63.8	50.6 76.0
227 63.0	51.9 77.9

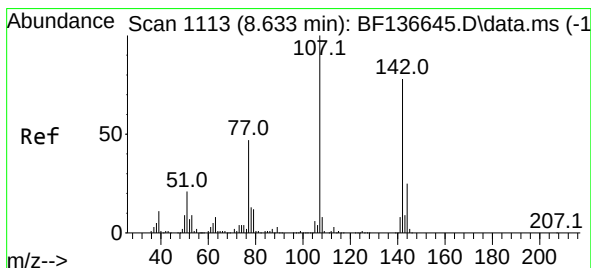
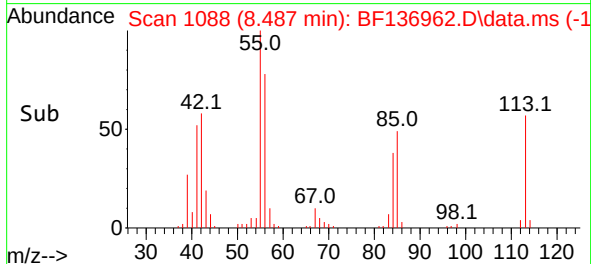
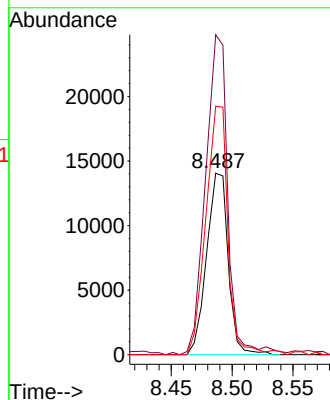
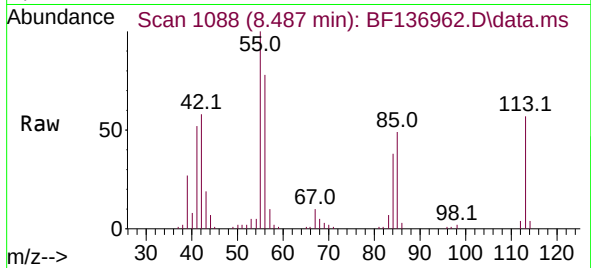




#35
 Caprolactam
 Concen: 20.843 ng
 RT: 8.487 min Scan# 1108
 Delta R.T. -0.035 min
 Lab File: BF136962.D
 Acq: 05 Jan 2024 02:31

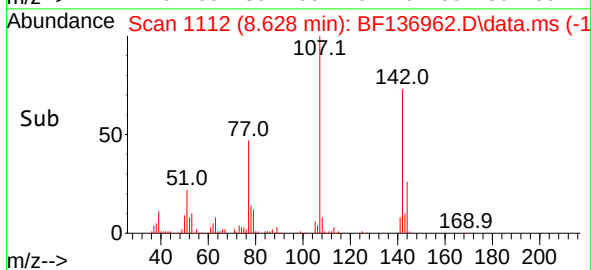
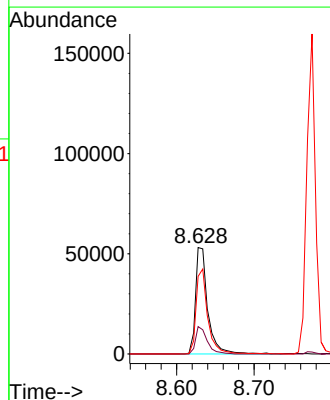
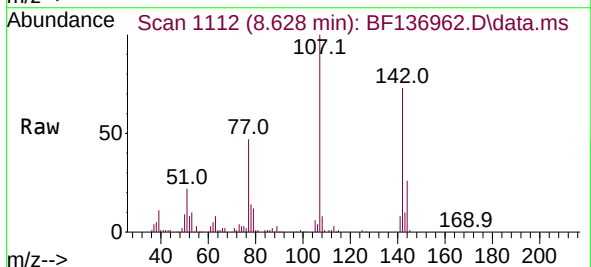
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-01022024MSD

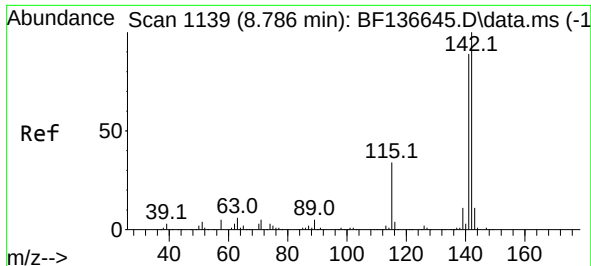
Tgt Ion:113 Resp: 17334
 Ion Ratio Lower Upper
 113 100
 55 176.4 163.1 203.1
 56 137.0 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 20.444 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF136962.D
 Acq: 05 Jan 2024 02:31

Tgt Ion:107 Resp: 58021
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.2 30.2
 142 73.0 62.3 93.5





#37

2-Methylnaphthalene

Concen: 20.447 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

Instrument :

BNA_F

ClientSampleId :

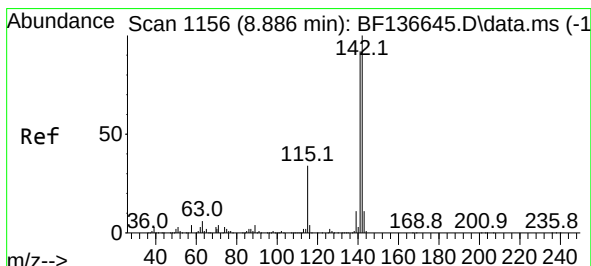
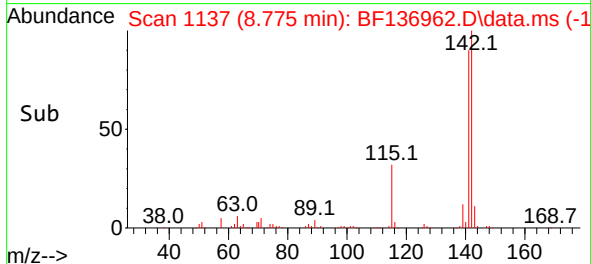
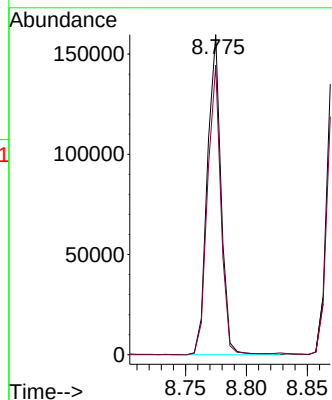
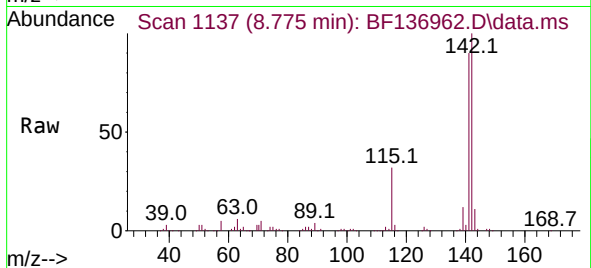
SU-04-01022024MSD

Tgt Ion:142 Resp: 124147

Ion Ratio Lower Upper

142 100

141 90.4 71.1 106.7



#38

1-Methylnaphthalene

Concen: 20.283 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136962.D

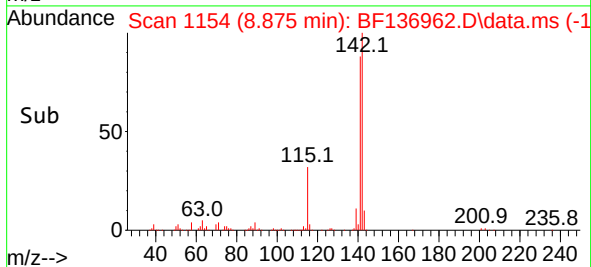
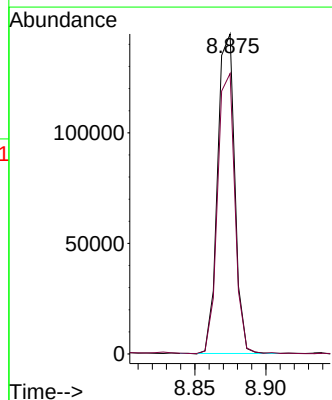
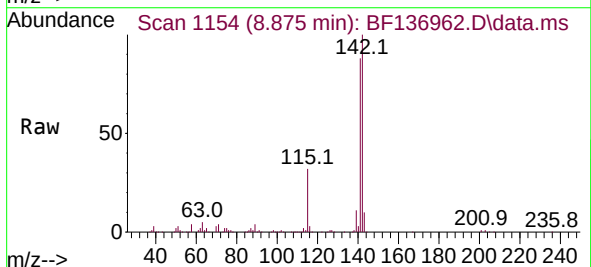
Acq: 05 Jan 2024 02:31

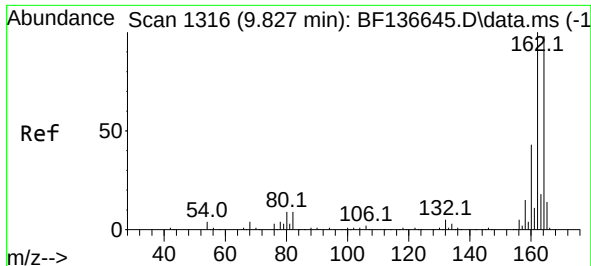
Tgt Ion:142 Resp: 120821

Ion Ratio Lower Upper

142 100

141 87.7 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136962.D

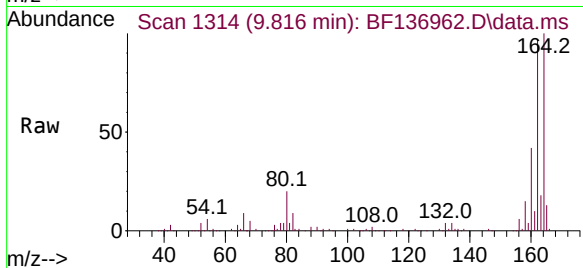
Acq: 05 Jan 2024 02:31

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MSD



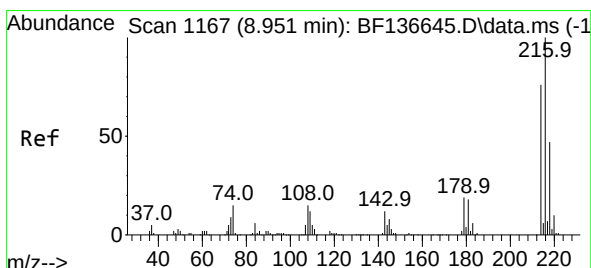
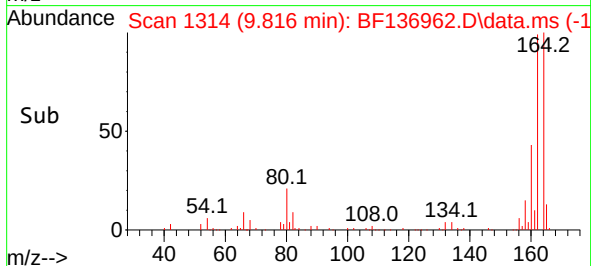
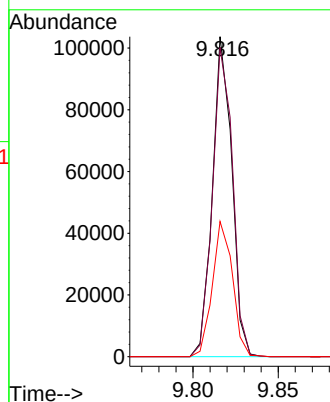
Tgt Ion:164 Resp: 82066

Ion Ratio Lower Upper

164 100

162 96.6 81.6 122.4

160 42.3 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 24.046 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

Tgt Ion:216 Resp: 61114

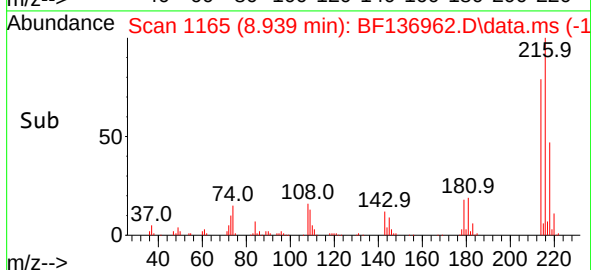
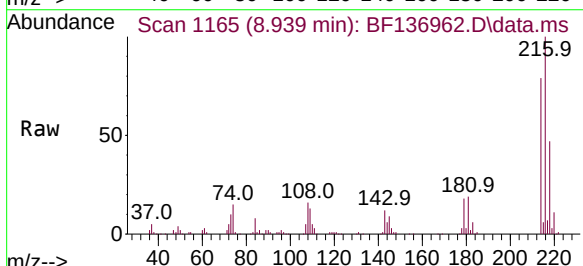
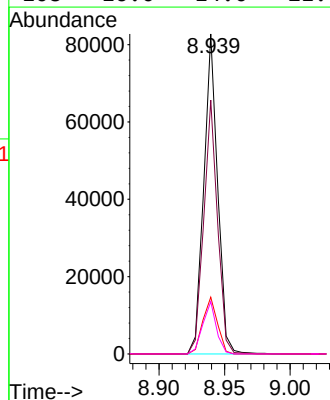
Ion Ratio Lower Upper

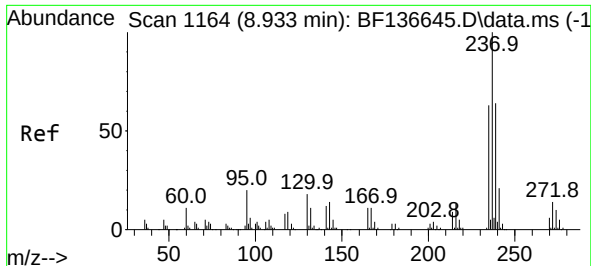
216 100

214 78.6 62.3 93.5

179 18.8 16.4 24.6

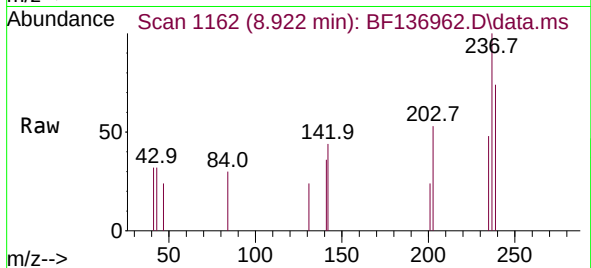
108 16.0 14.0 21.0



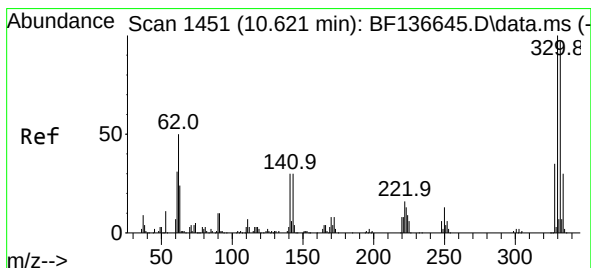
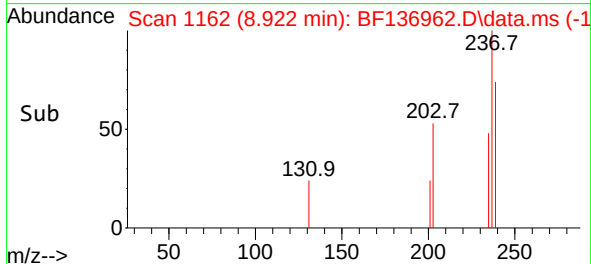
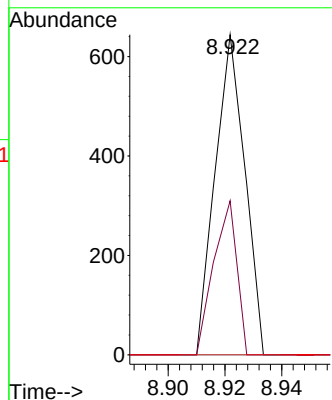


#41
Hexachlorocyclopentadiene
Concen: 5.439 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD

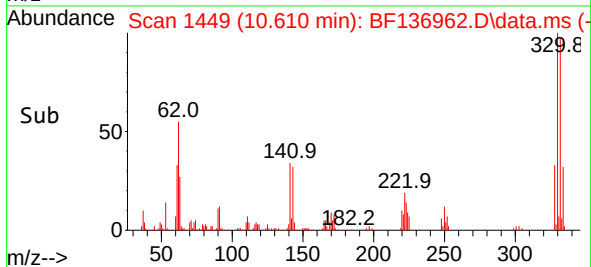
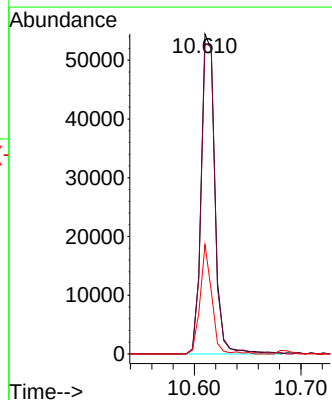
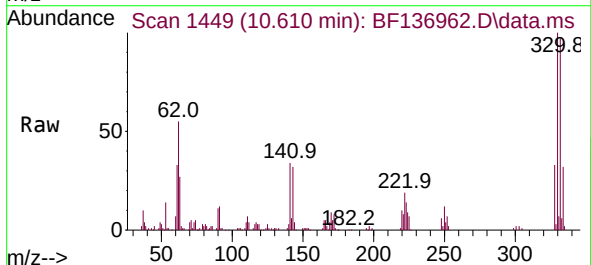


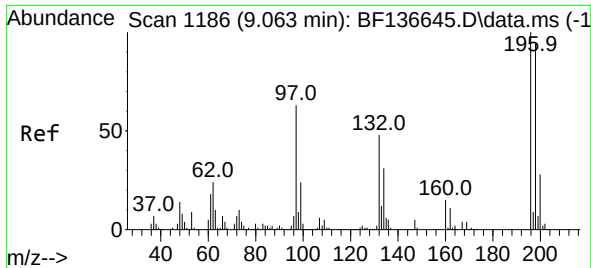
Tgt Ion:237 Resp: 467
Ion Ratio Lower Upper
237 100
235 48.1 43.2 83.2
272 0.0 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 50.553 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Tgt Ion:330 Resp: 48860
Ion Ratio Lower Upper
330 100
332 98.8 77.4 116.0
141 29.1 23.4 35.2

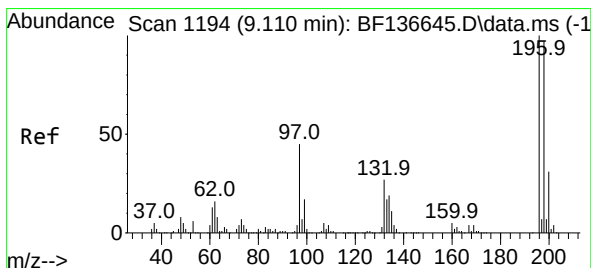
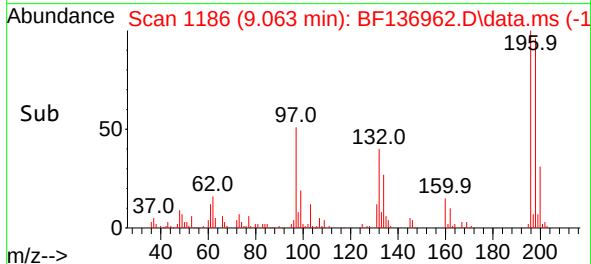
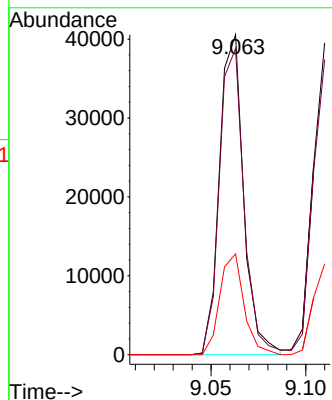
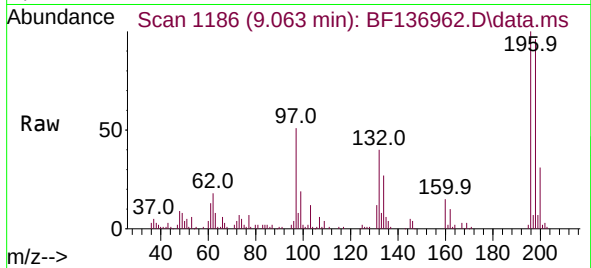




#43
2,4,6-Trichlorophenol
Concen: 22.103 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

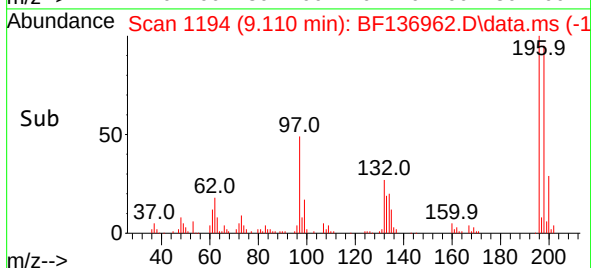
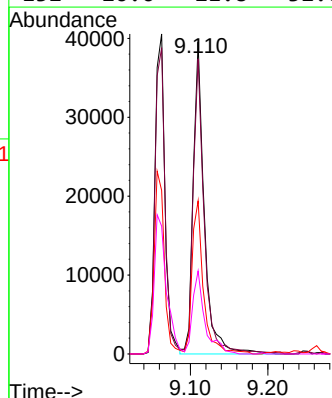
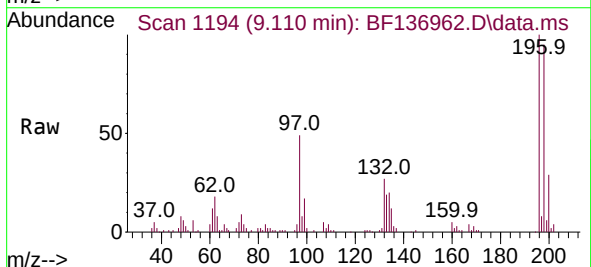
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD

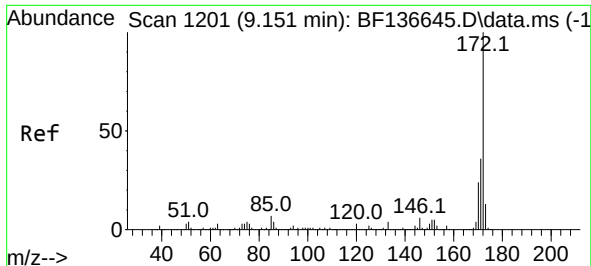
Tgt Ion:196 Resp: 36026
Ion Ratio Lower Upper
196 100
198 95.7 75.1 112.7
200 31.5 22.5 33.7



#44
2,4,5-Trichlorophenol
Concen: 21.784 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Tgt Ion:196 Resp: 39567
Ion Ratio Lower Upper
196 100
198 94.7 77.0 115.6
97 49.1 36.1 54.1
132 26.6 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 40.971 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.017 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MSD

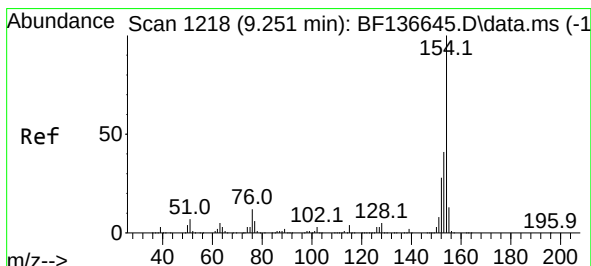
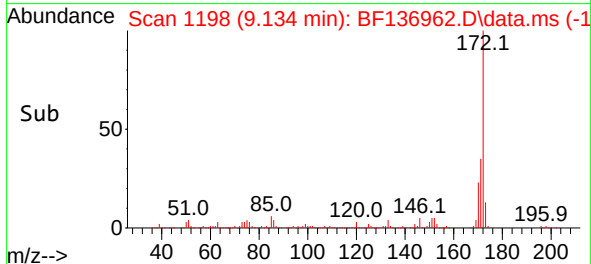
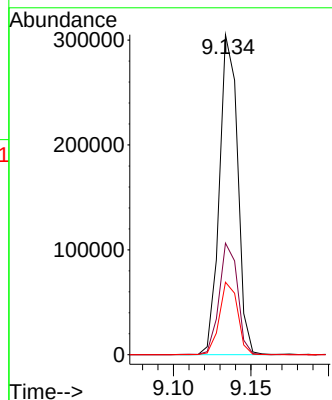
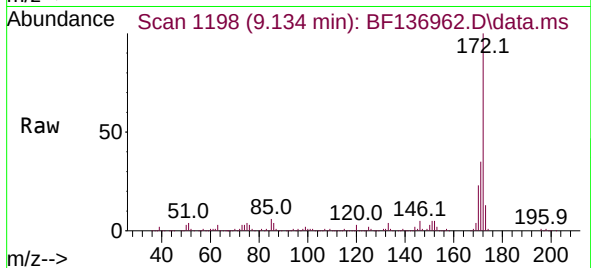
Tgt Ion:172 Resp: 249987

Ion Ratio Lower Upper

172 100

171 34.9 29.0 43.6

170 22.6 19.0 28.4



#46

1,1'-Biphenyl

Concen: 23.759 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

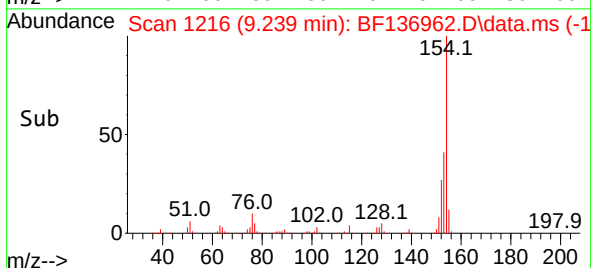
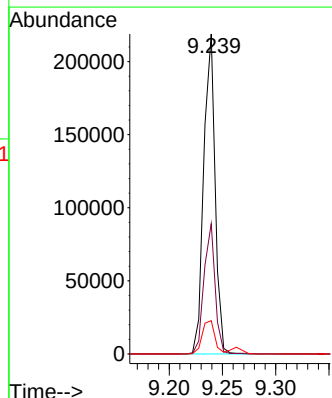
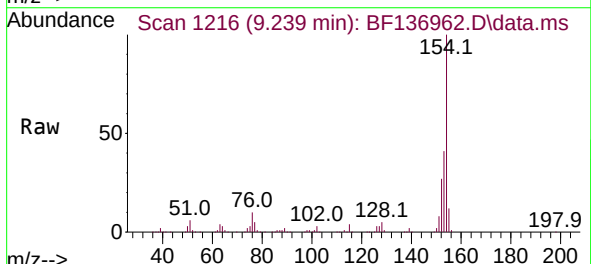
Tgt Ion:154 Resp: 163619

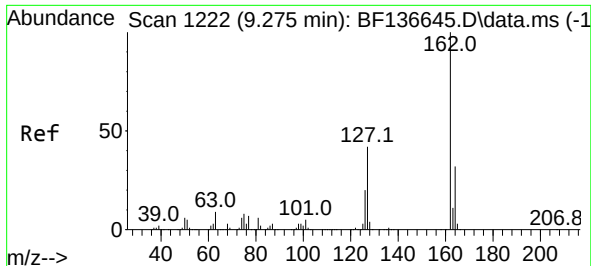
Ion Ratio Lower Upper

154 100

153 40.7 21.1 61.1

76 10.4 0.0 31.7

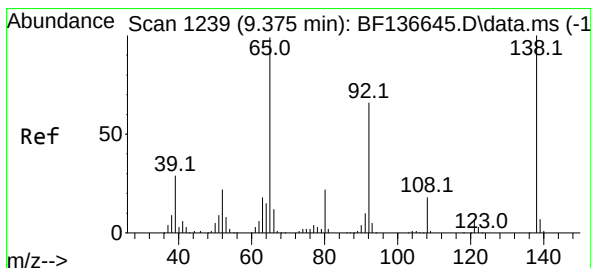
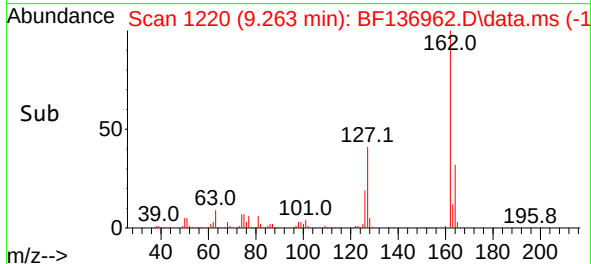
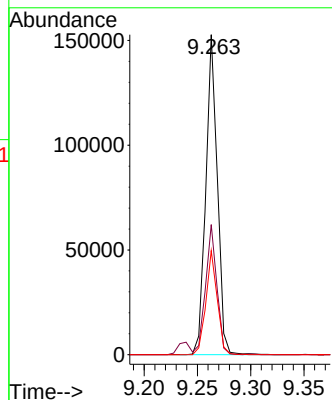
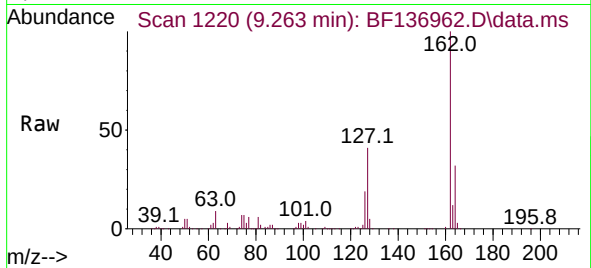




#47
2-Chloronaphthalene
Concen: 22.048 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

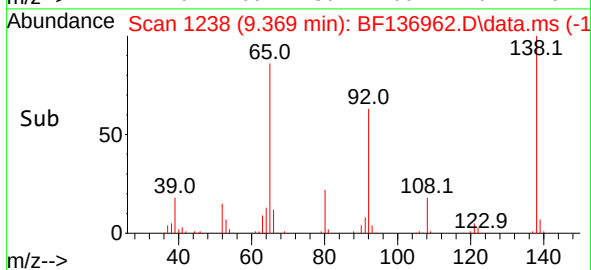
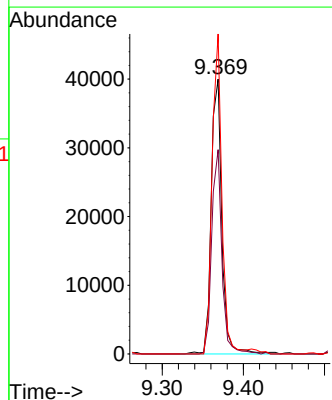
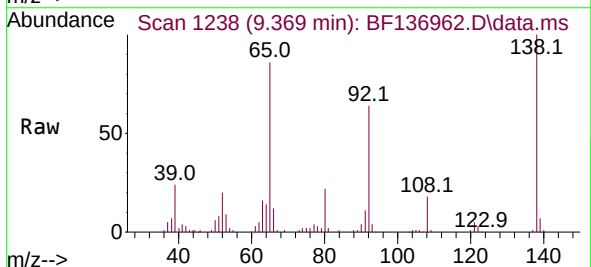
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD

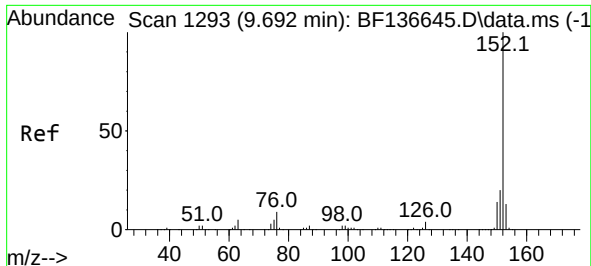
Tgt Ion:162 Resp: 115426
Ion Ratio Lower Upper
162 100
127 40.6 33.6 50.4
164 32.5 25.7 38.5



#48
2-Nitroaniline
Concen: 22.129 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Tgt Ion: 65 Resp: 36278
Ion Ratio Lower Upper
65 100
92 74.3 53.2 79.8
138 116.4 81.1 121.7





#49

Acenaphthylene

Concen: 23.280 ng

RT: 9.681 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MSD

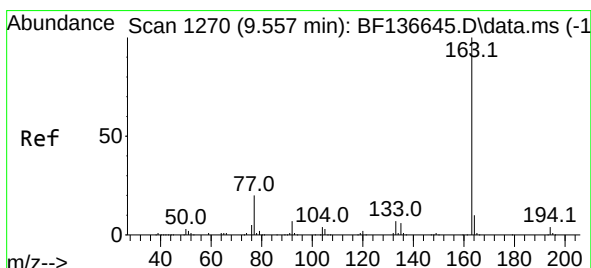
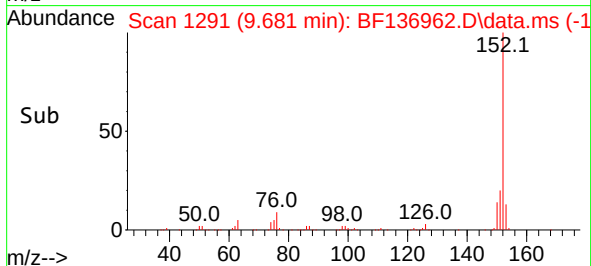
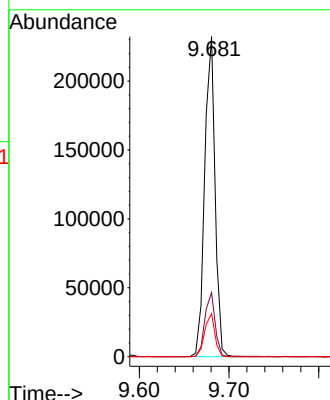
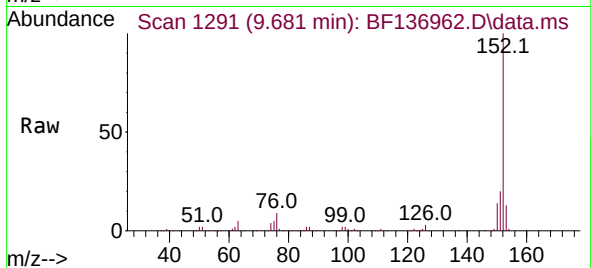
Tgt Ion:152 Resp: 186290

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4

153 13.4 10.2 15.2



#50

Dimethylphthalate

Concen: 22.136 ng

RT: 9.539 min Scan# 1267

Delta R.T. -0.017 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

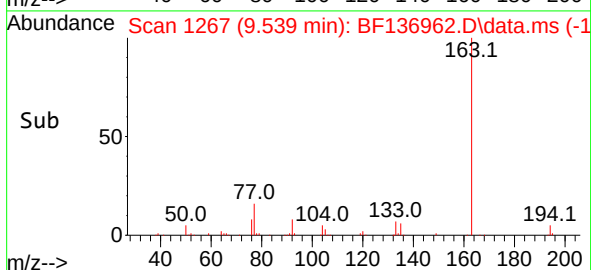
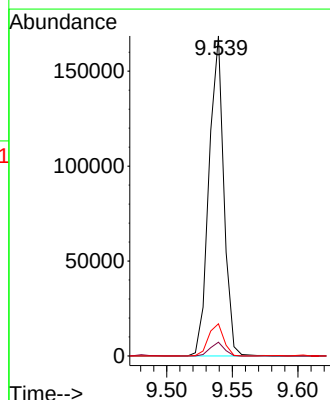
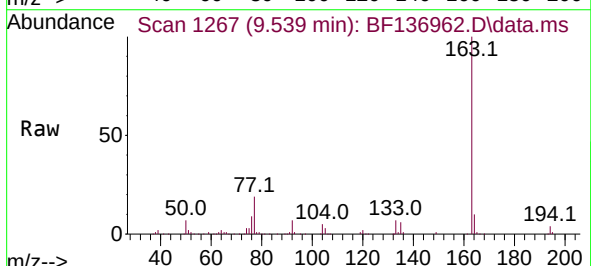
Tgt Ion:163 Resp: 132691

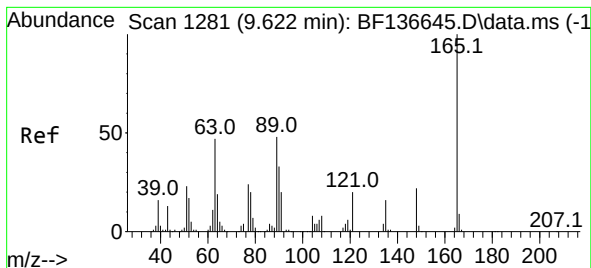
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.0 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 19.856 ng

RT: 9.610 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MSD

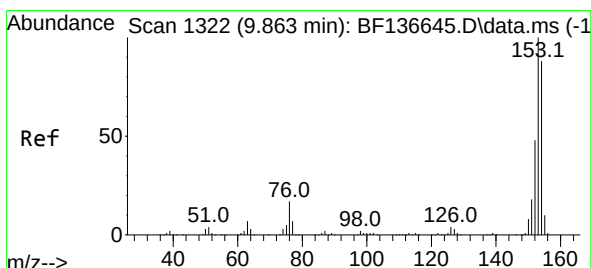
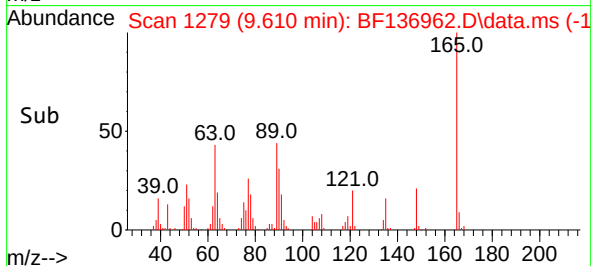
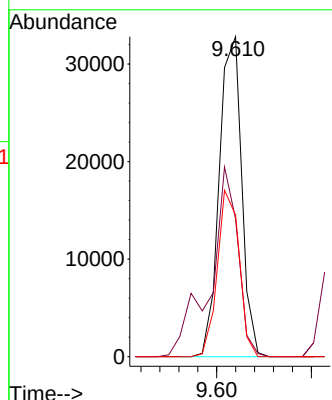
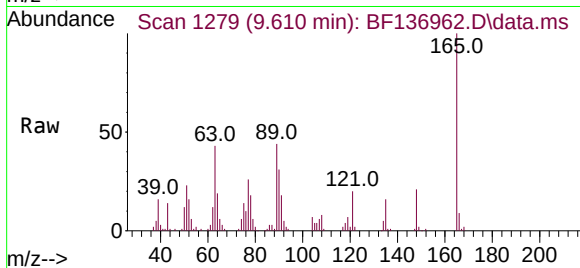
Tgt Ion:165 Resp: 27013

Ion Ratio Lower Upper

165 100

63 43.0 39.8 59.6

89 44.3 38.8 58.2



#52

Acenaphthene

Concen: 21.856 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.012 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

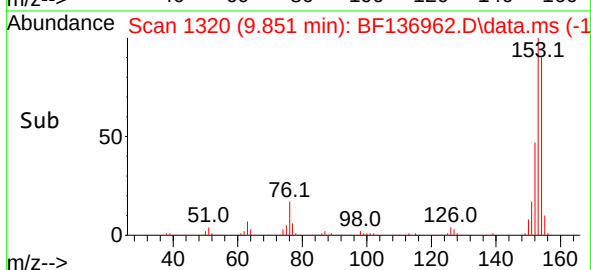
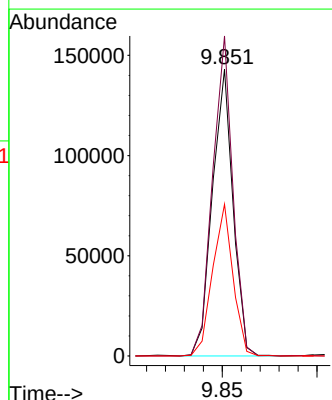
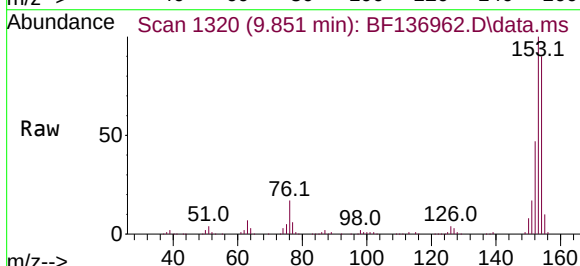
Tgt Ion:154 Resp: 108411

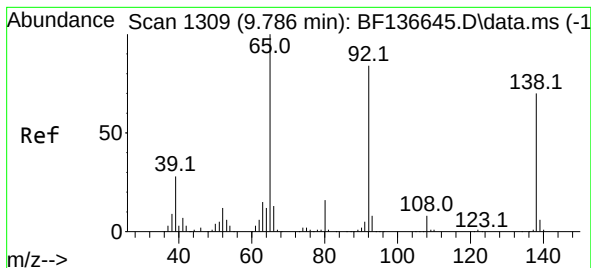
Ion Ratio Lower Upper

154 100

153 111.5 90.7 136.1

152 52.8 43.7 65.5





#53

3-Nitroaniline

Concen: 21.552 ng

RT: 9.781 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MSD

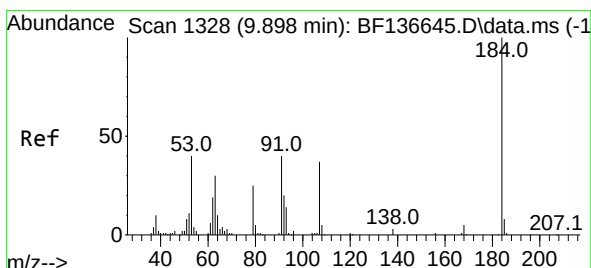
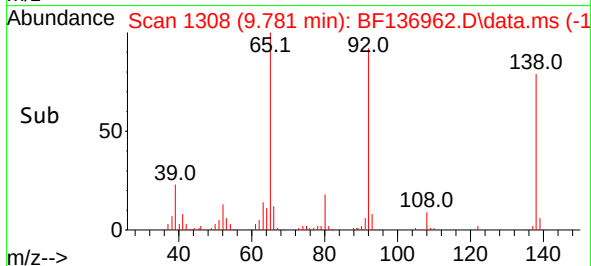
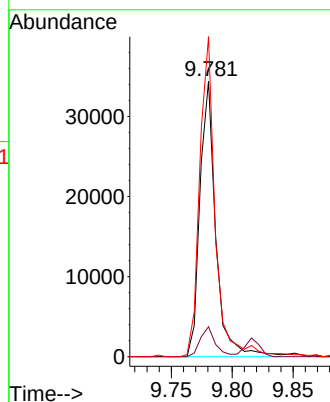
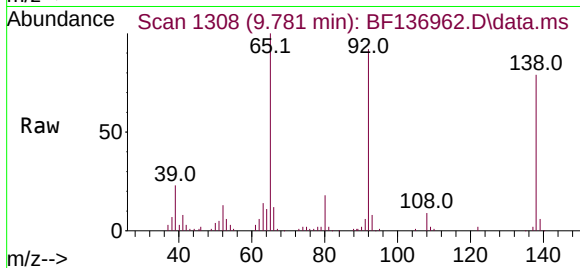
Tgt Ion:138 Resp: 31059

Ion Ratio Lower Upper

138 100

108 10.9 8.6 12.8

92 116.2 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 5.901 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.006 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

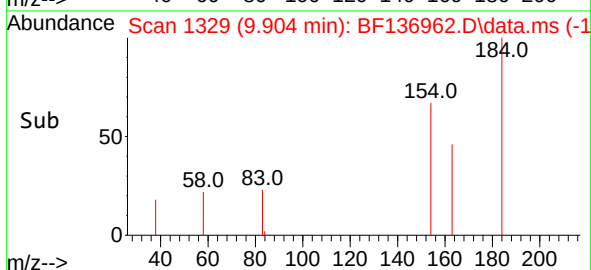
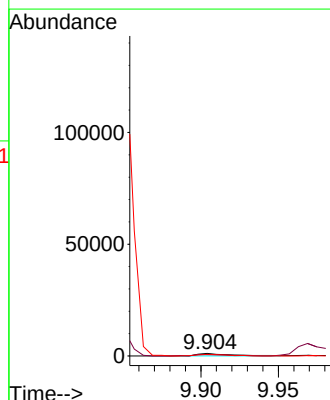
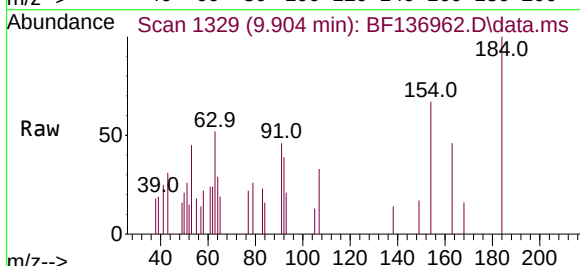
Tgt Ion:184 Resp: 1713

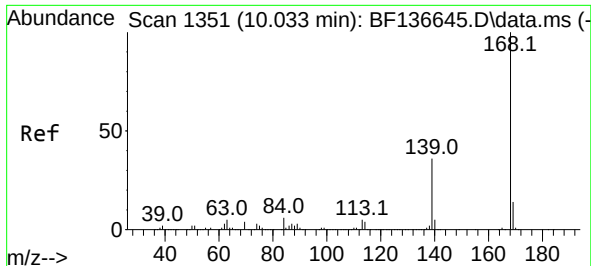
Ion Ratio Lower Upper

184 100

63 52.5 40.9 61.3

154 67.4 42.7 64.1#

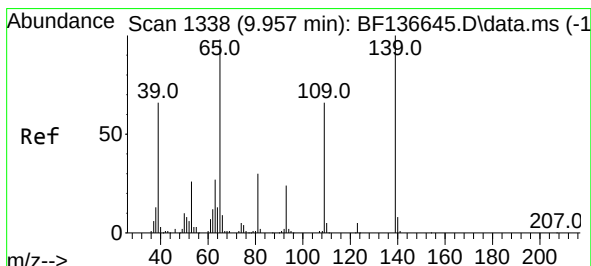
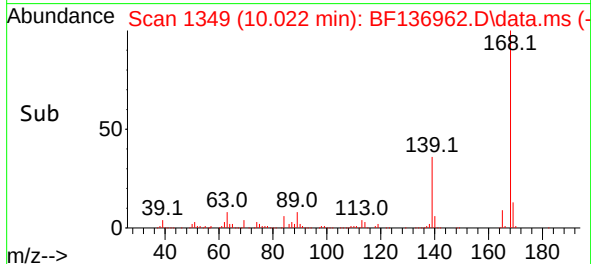
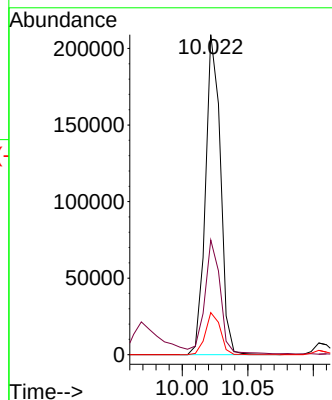
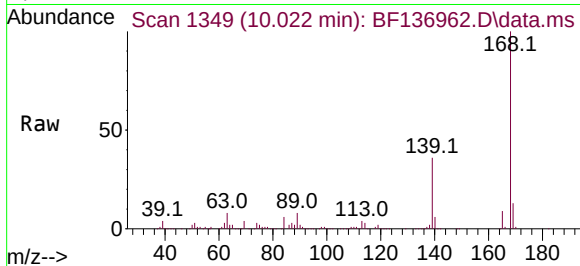




#55
Dibenzenofuran
Concen: 22.148 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

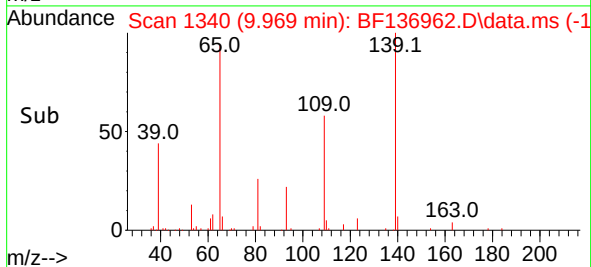
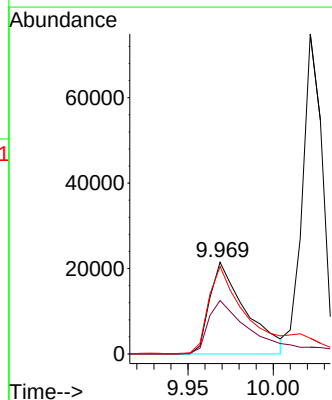
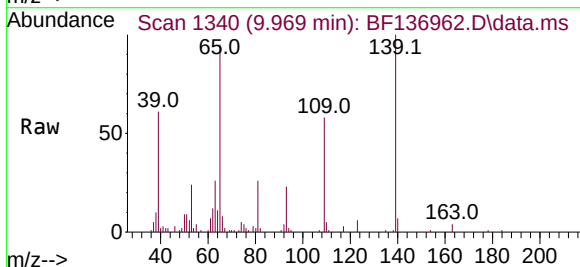
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD

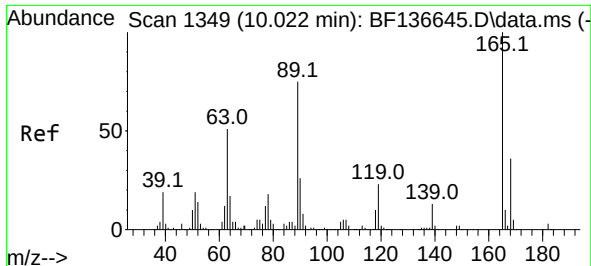
Tgt Ion:168 Resp: 166535
Ion Ratio Lower Upper
168 100
139 35.8 29.3 43.9
169 13.1 11.0 16.4



#56
4-Nitrophenol
Concen: 32.368 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Tgt Ion:139 Resp: 31489
Ion Ratio Lower Upper
139 100
109 58.3 45.8 85.8
65 95.5 77.8 117.8

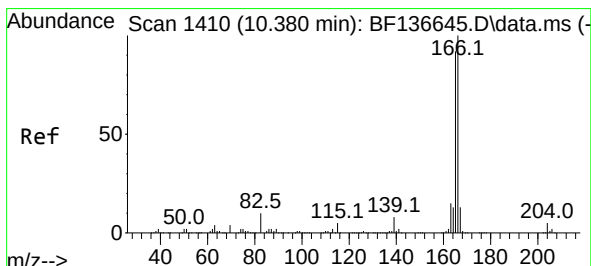
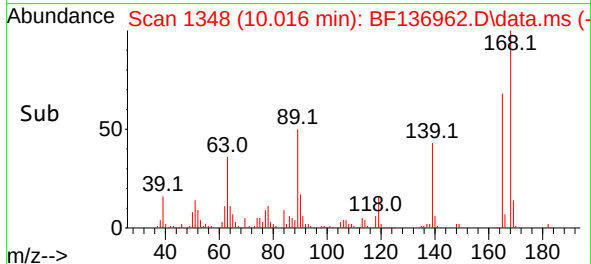
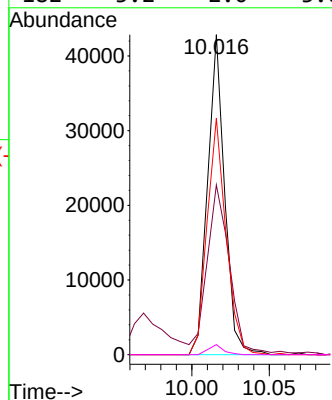
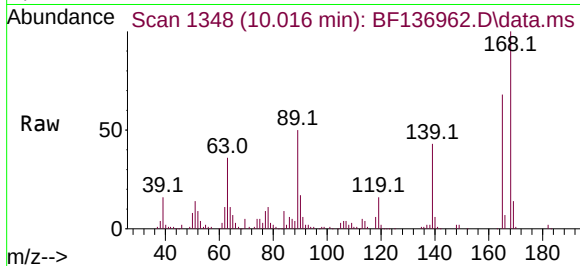




#57
2,4-Dinitrotoluene
Concen: 18.539 ng
RT: 10.016 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

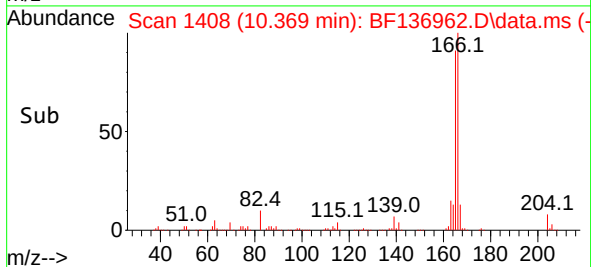
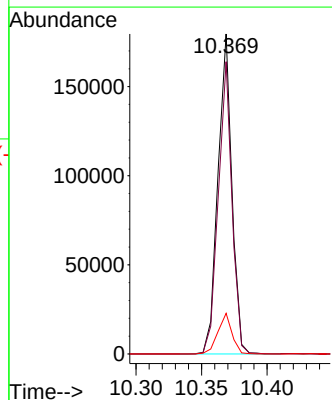
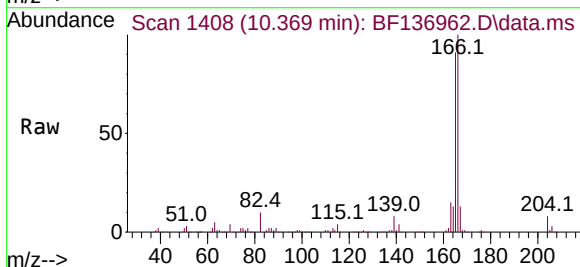
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD

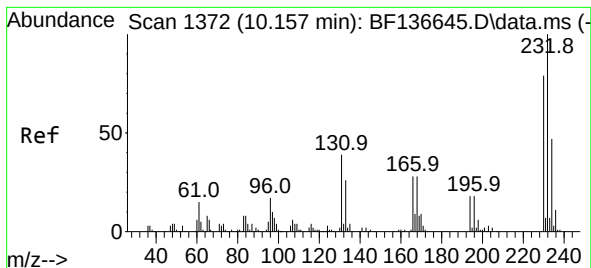
Tgt Ion:165	Resp:	32742
Ion	Ratio	Lower Upper
165	100	
63	53.1	41.0 61.6
89	73.9	59.9 89.9
182	3.2	2.0 3.0#



#58
Fluorene
Concen: 22.201 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Tgt Ion:166	Resp:	132456
Ion	Ratio	Lower Upper
166	100	
165	91.3	73.7 110.5
167	12.7	10.4 15.6



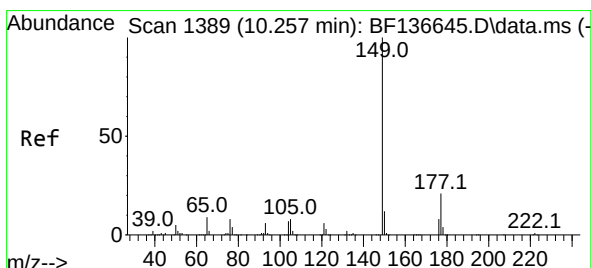
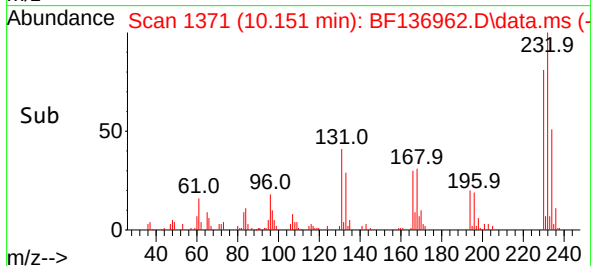
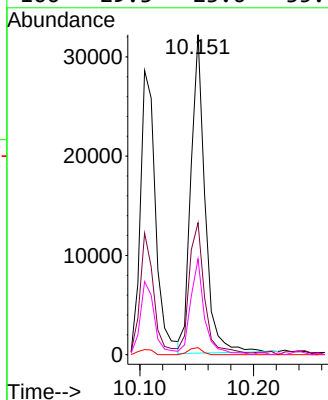
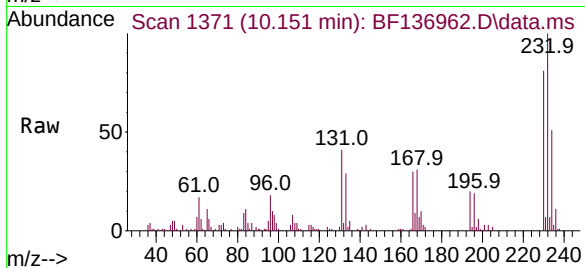


#59
2,3,4,6-Tetrachlorophenol
Concen: 19.864 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD

Tgt Ion:232 Resp: 27773

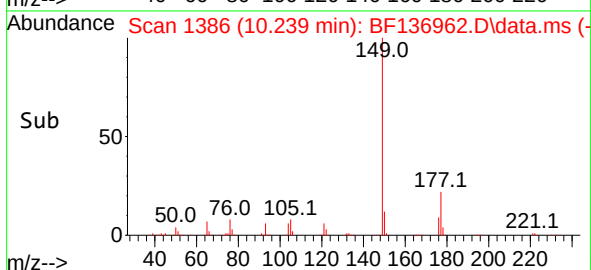
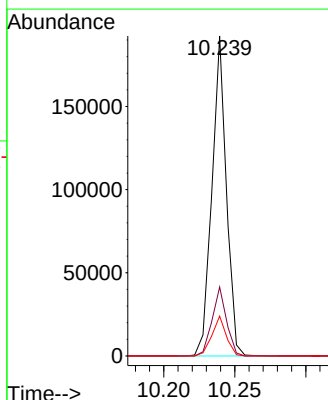
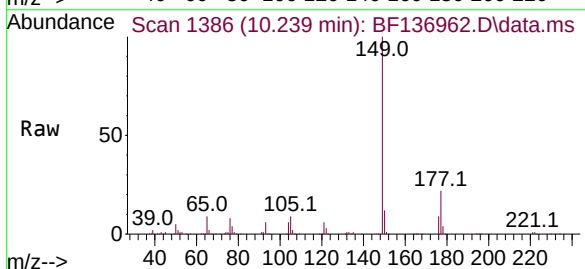
Ion	Ratio	Lower	Upper
232	100		
131	45.3	35.1	52.7
130	2.1	1.6	2.4
166	29.3	23.6	35.4

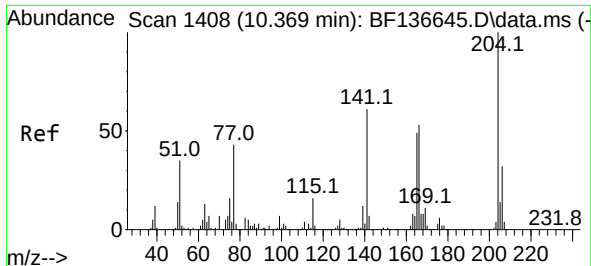


#60
Diethylphthalate
Concen: 21.795 ng
RT: 10.239 min Scan# 1386
Delta R.T. -0.017 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Tgt Ion:149 Resp: 135556

Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.9	25.3
150	12.4	9.3	13.9

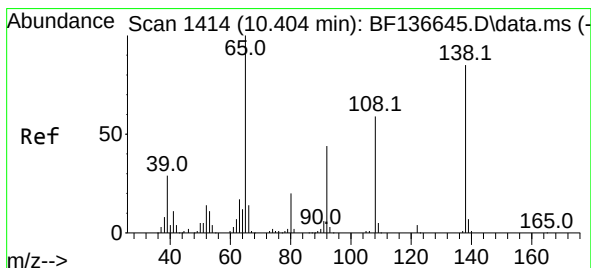
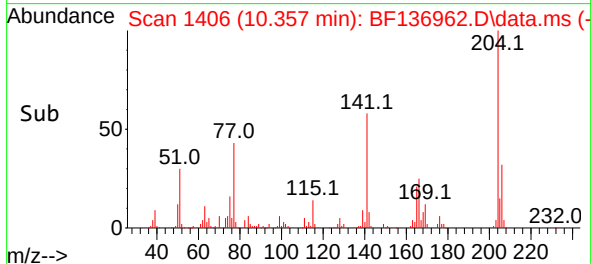
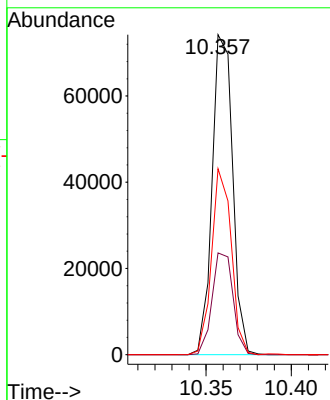
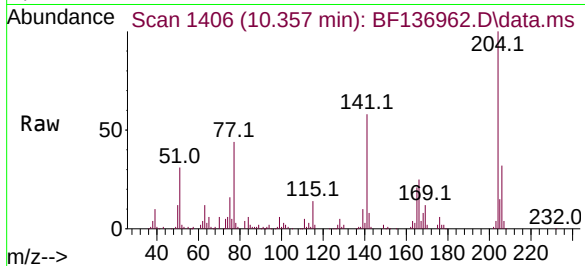




#61
4-Chlorophenyl-phenylether
Concen: 21.449 ng
RT: 10.357 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

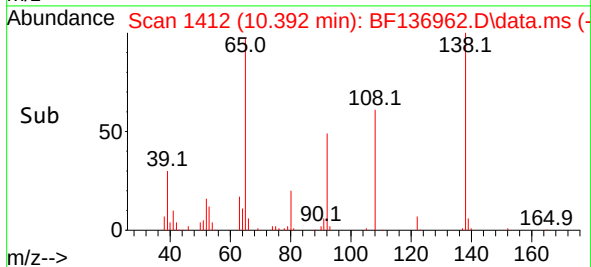
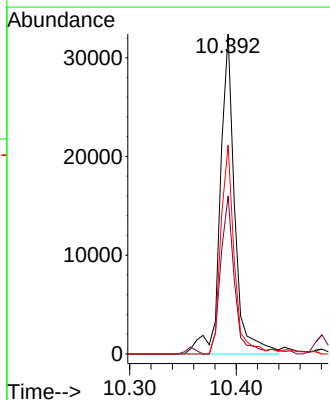
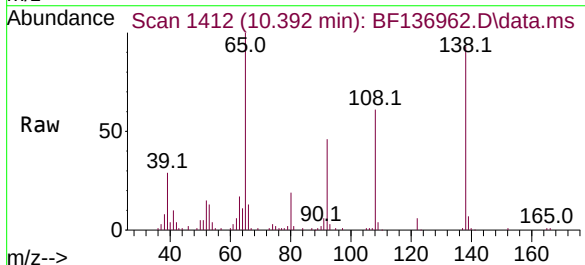
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD

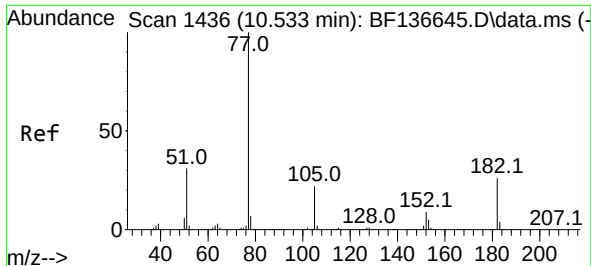
Tgt Ion:204 Resp: 62200
Ion Ratio Lower Upper
204 100
206 31.8 25.6 38.4
141 58.1 48.4 72.6



#62
4-Nitroaniline
Concen: 22.099 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Tgt Ion:138 Resp: 30701
Ion Ratio Lower Upper
138 100
92 49.4 32.1 72.1
108 65.2 50.1 90.1

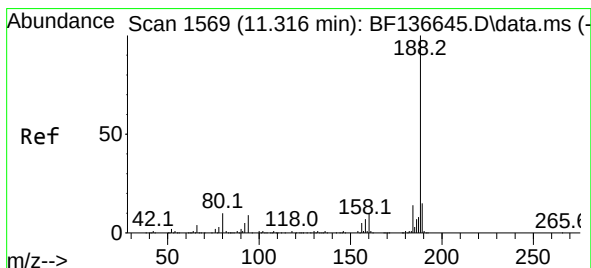
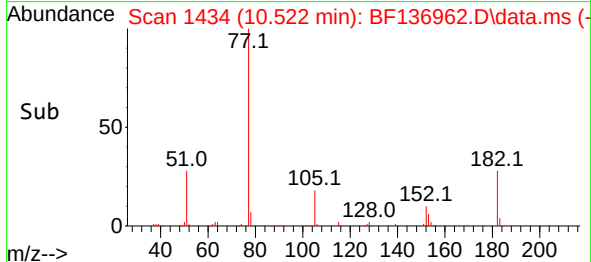
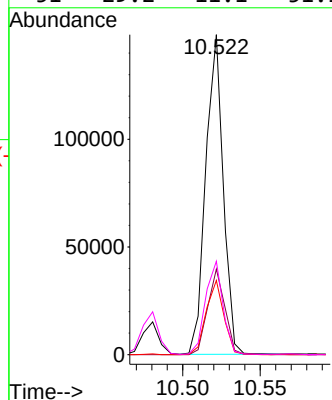
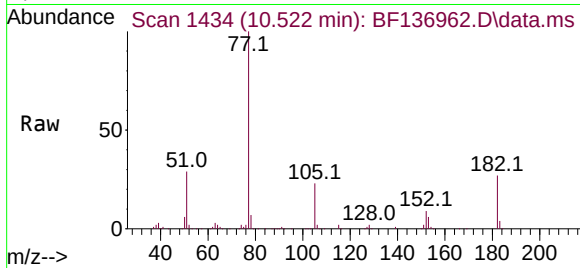




#63
Azobenzene
Concen: 20.077 ng
RT: 10.522 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

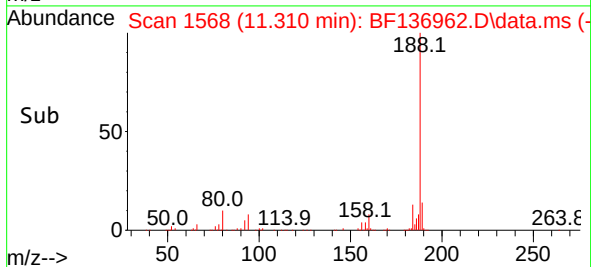
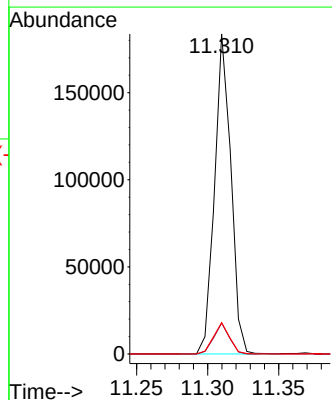
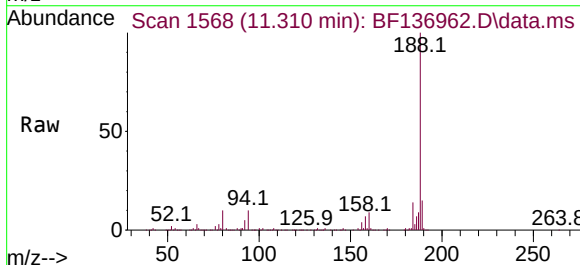
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD

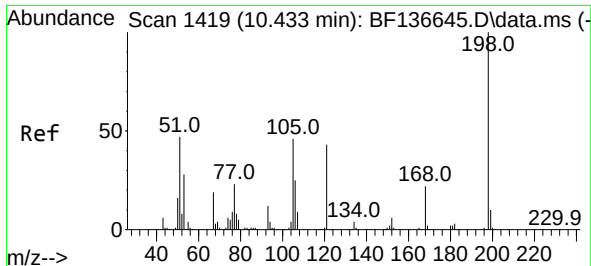
Tgt Ion: 77	Resp: 116629
Ion Ratio	Lower Upper
77 100	
182 26.8	6.0 46.0
105 23.2	2.3 42.3
51 29.2	11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Tgt Ion:188	Resp: 146476
Ion Ratio	Lower Upper
188 100	
94 9.6	7.5 11.3
80 9.8	8.1 12.1

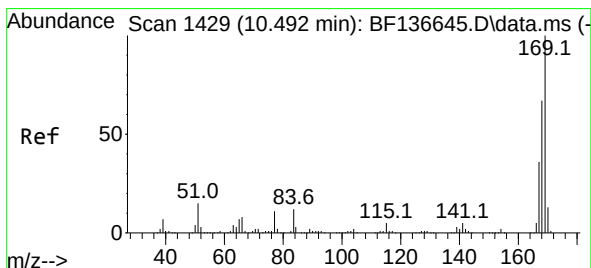
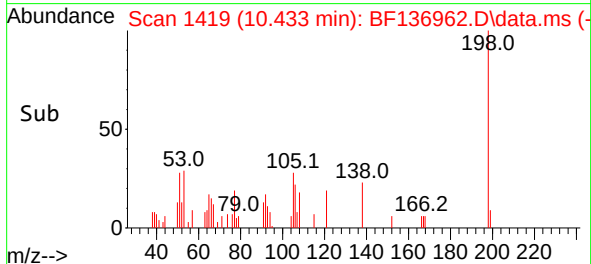
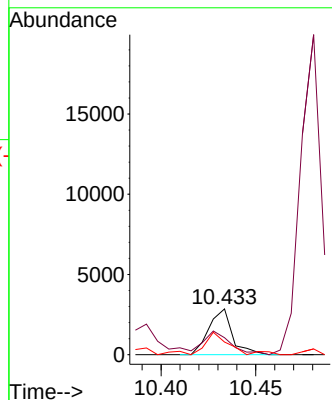
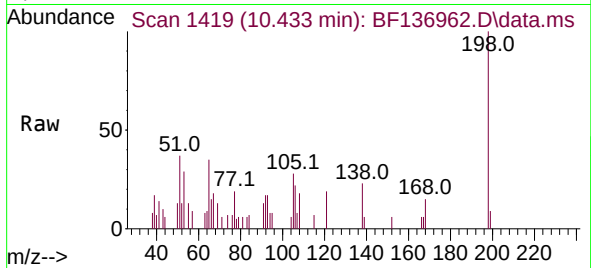




#65
4,6-Dinitro-2-methylphenol
Concen: 2.919 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

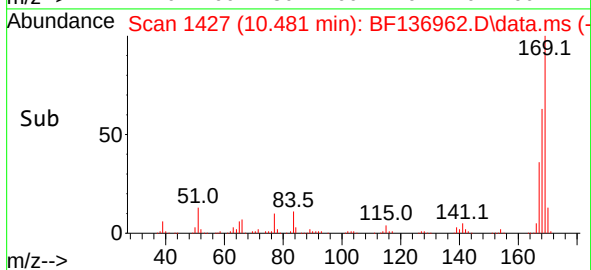
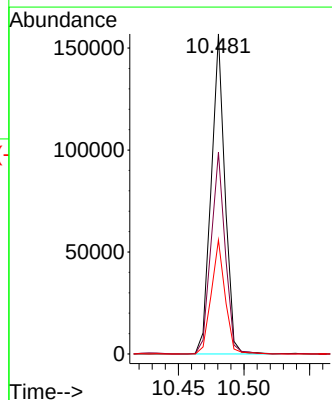
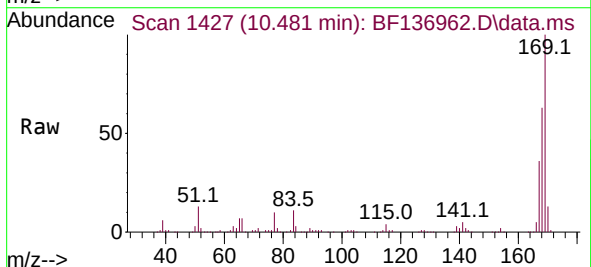
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD

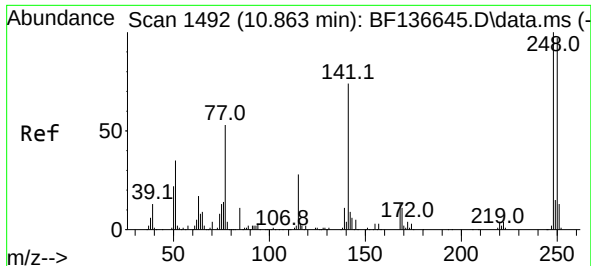
Tgt Ion:198 Resp: 2450
Ion Ratio Lower Upper
198 100
51 37.1 34.1 74.1
105 27.6 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 24.057 ng
RT: 10.481 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Tgt Ion:169 Resp: 114466
Ion Ratio Lower Upper
169 100
168 63.0 53.8 80.6
167 35.6 28.7 43.1





#67

4-Bromophenyl-phenylether

Concen: 22.286 ng

RT: 10.851 min Scan# 1492

Delta R.T. -0.012 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MSD

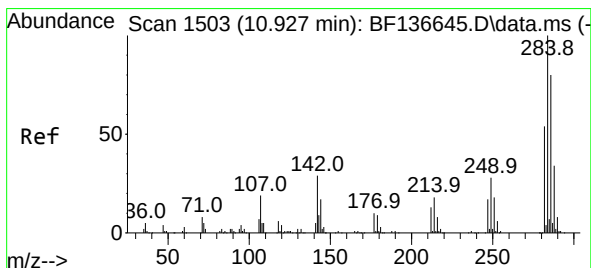
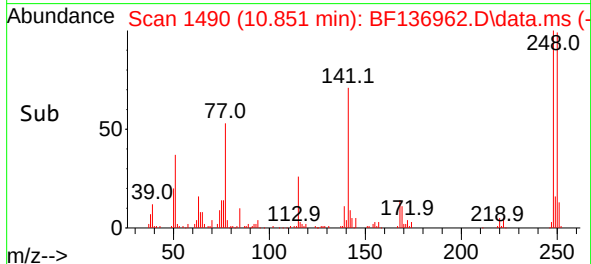
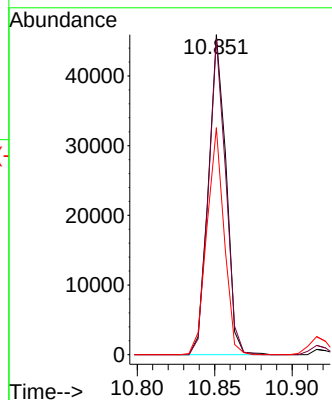
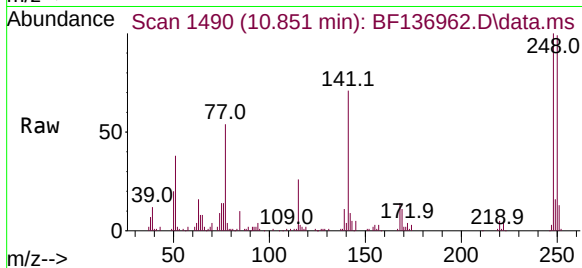
Tgt Ion:248 Resp: 36253

Ion Ratio Lower Upper

248 100

250 98.6 77.8 116.6

141 70.9 59.2 88.8



#68

Hexachlorobenzene

Concen: 21.412 ng

RT: 10.916 min Scan# 1501

Delta R.T. -0.012 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

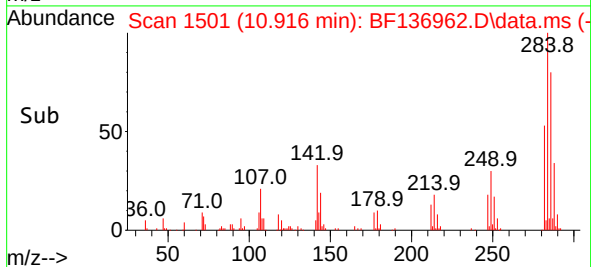
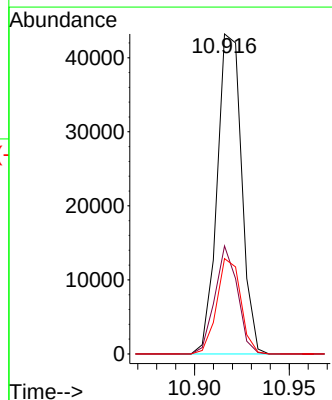
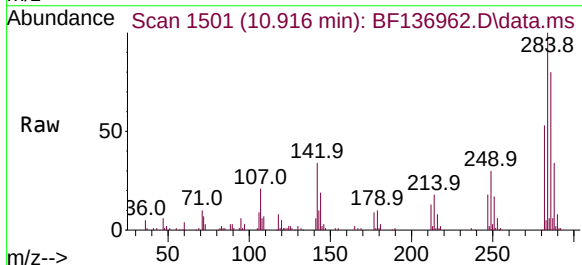
Tgt Ion:284 Resp: 38816

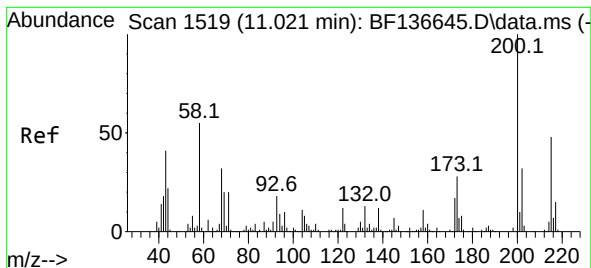
Ion Ratio Lower Upper

284 100

142 33.7 23.4 35.0

249 29.8 22.3 33.5





#69

Atrazine

Concen: 29.351 ng

RT: 11.010 min Scan# 1517

Delta R.T. -0.012 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MSD

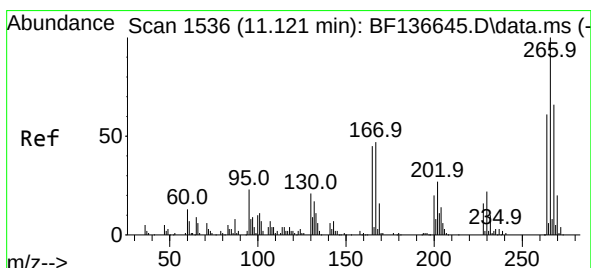
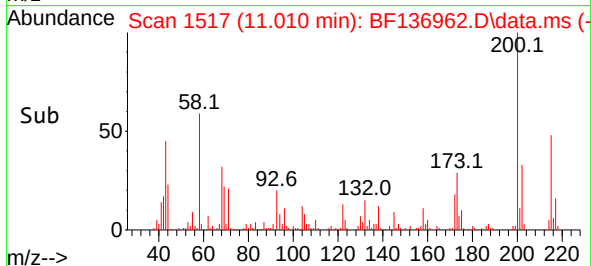
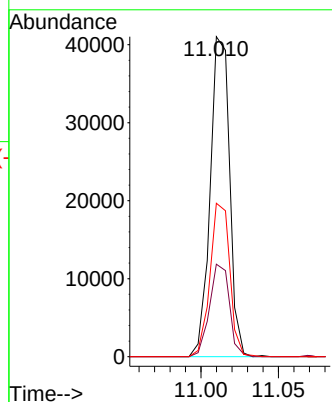
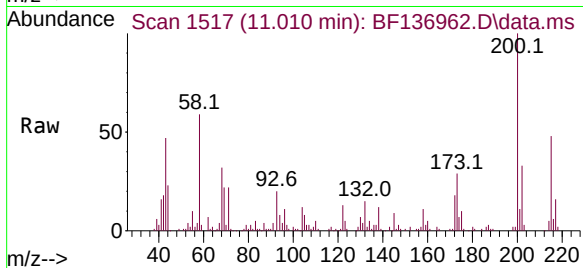
Tgt Ion:200 Resp: 35720

Ion Ratio Lower Upper

200 100

173 28.9 7.6 47.6

215 48.0 28.3 68.3



#70

Pentachlorophenol

Concen: 34.204 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

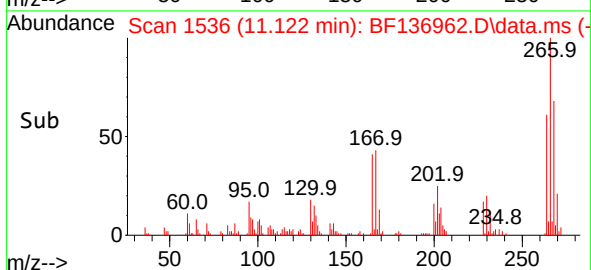
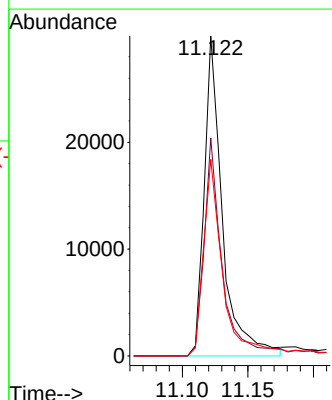
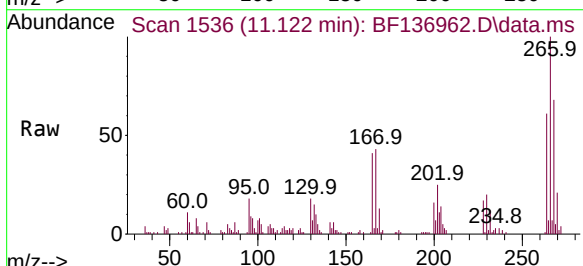
Tgt Ion:266 Resp: 28902

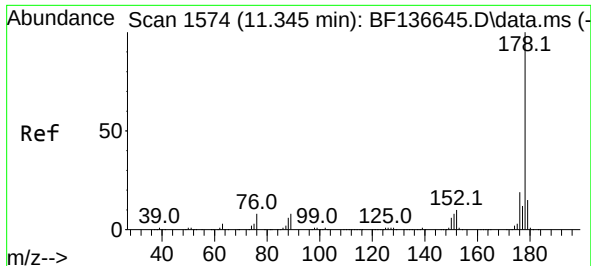
Ion Ratio Lower Upper

266 100

268 68.1 52.6 78.8

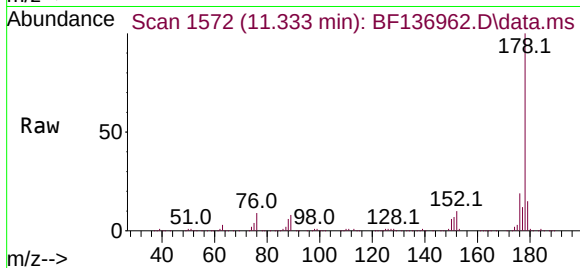
264 61.4 49.0 73.4



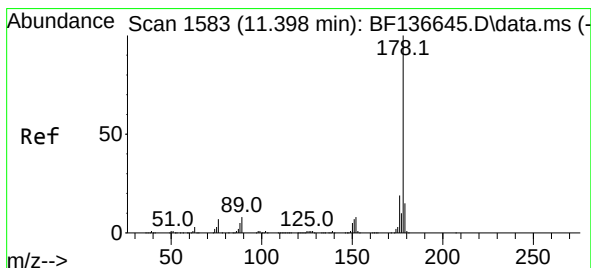
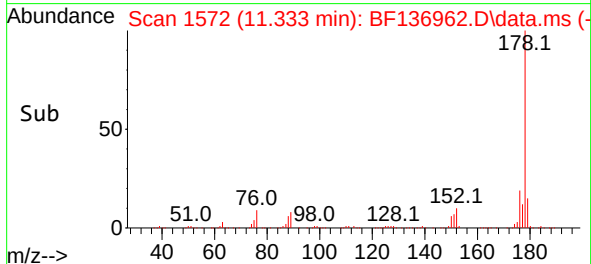
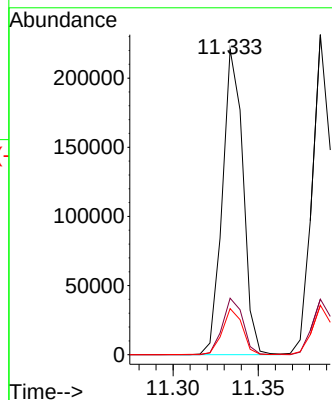


#71
Phenanthrene
Concen: 24.746 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD

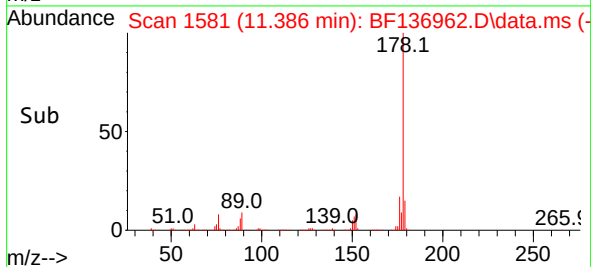
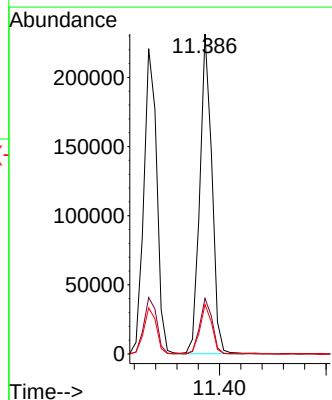
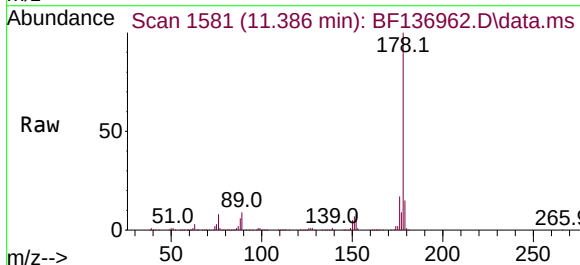


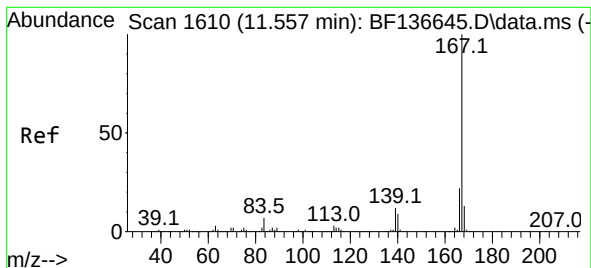
Tgt Ion:178 Resp: 185989
Ion Ratio Lower Upper
178 100
176 18.5 15.3 22.9
179 15.1 11.9 17.9



#72
Anthracene
Concen: 23.915 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Tgt Ion:178 Resp: 182025
Ion Ratio Lower Upper
178 100
176 17.4 14.9 22.3
179 15.4 11.8 17.6





#73

Carbazole

Concen: 23.263 ng

RT: 11.551 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MSD

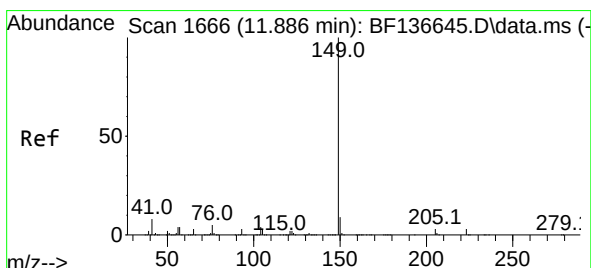
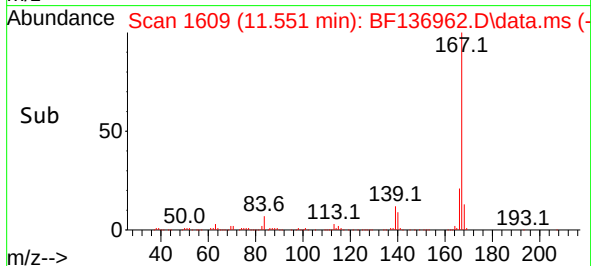
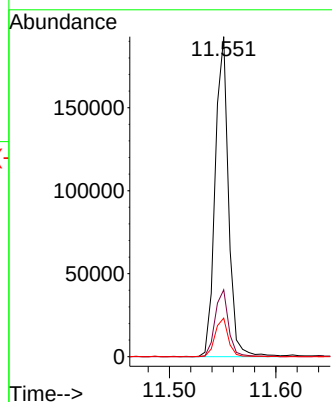
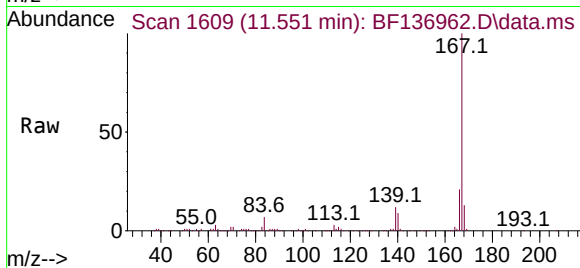
Tgt Ion:167 Resp: 166944

Ion Ratio Lower Upper

167 100

166 20.9 17.3 25.9

139 12.1 9.8 14.6



#74

Di-n-butylphthalate

Concen: 24.225 ng

RT: 11.875 min Scan# 1664

Delta R.T. -0.012 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

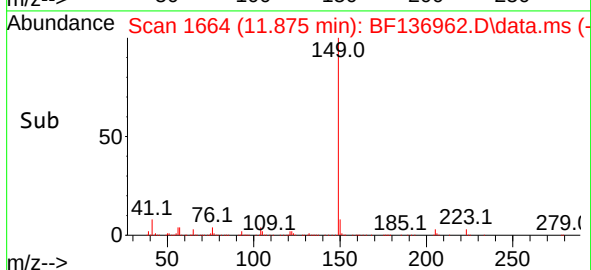
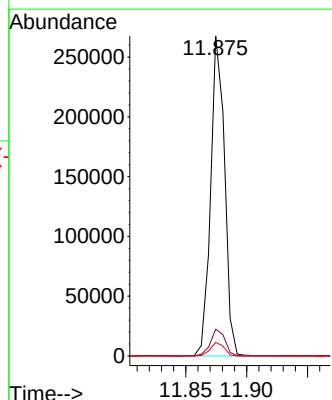
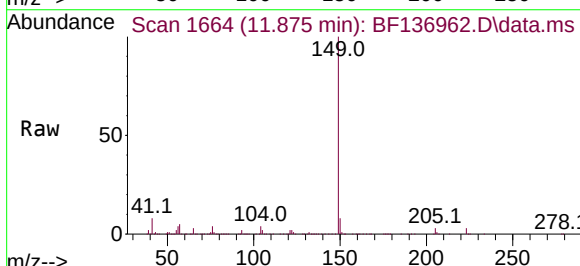
Tgt Ion:149 Resp: 212134

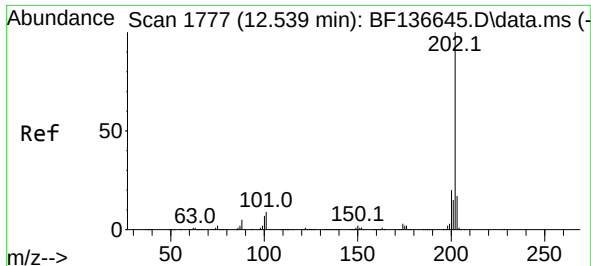
Ion Ratio Lower Upper

149 100

150 8.3 7.4 11.2

104 4.2 3.6 5.4

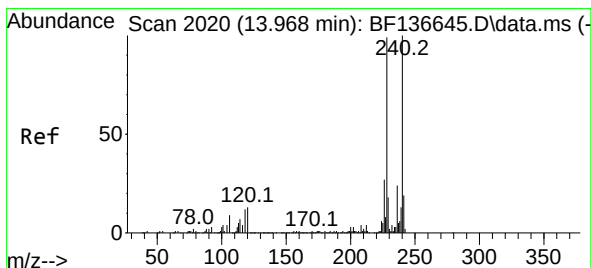
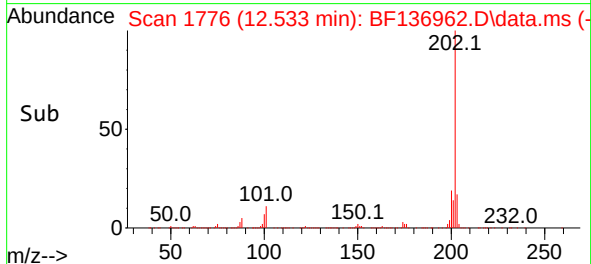
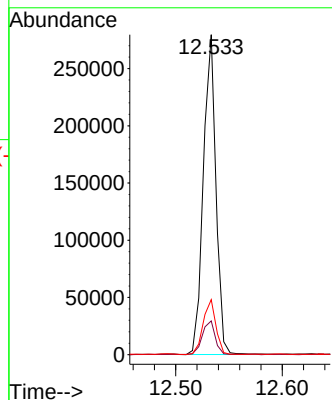
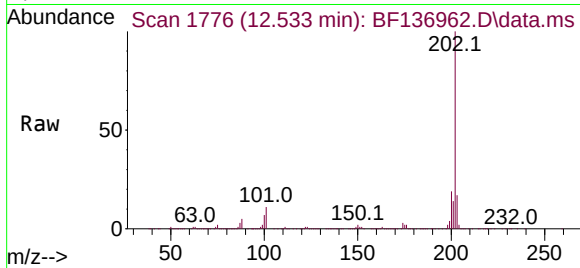




#75
Fluoranthene
Concen: 28.716 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

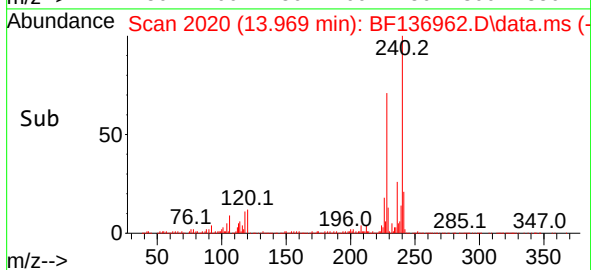
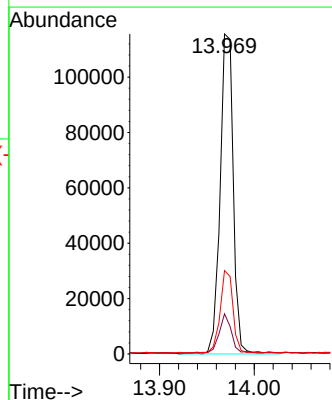
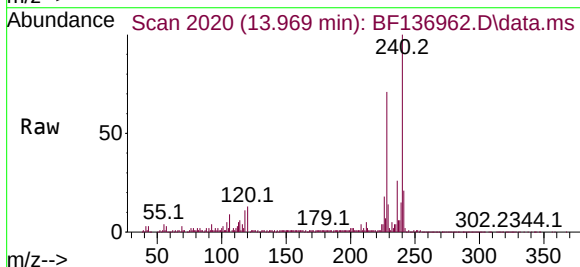
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD

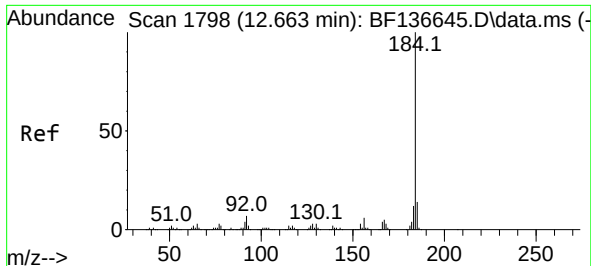
Tgt Ion:202 Resp: 230854
Ion Ratio Lower Upper
202 100
101 10.6 0.0 29.3
203 17.2 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Tgt Ion:240 Resp: 112186
Ion Ratio Lower Upper
240 100
120 12.5 10.3 15.5
236 26.1 19.4 29.2

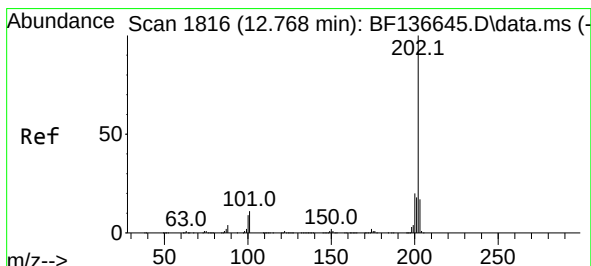
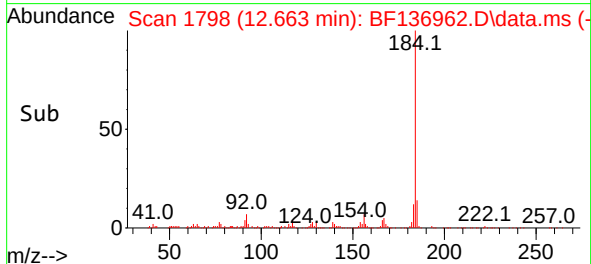
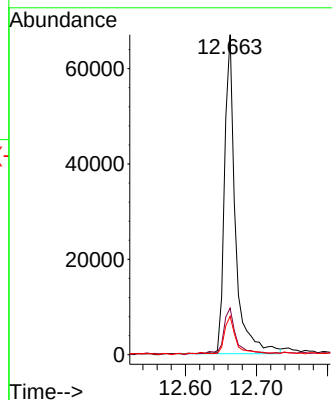
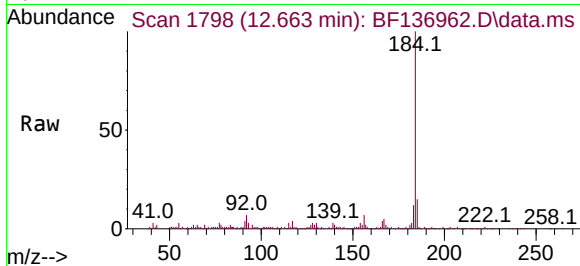




#77
Benzidine
Concen: 21.389 ng
RT: 12.663 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

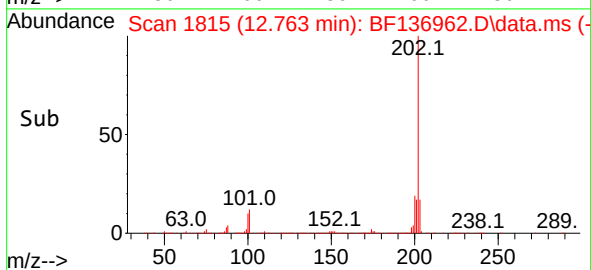
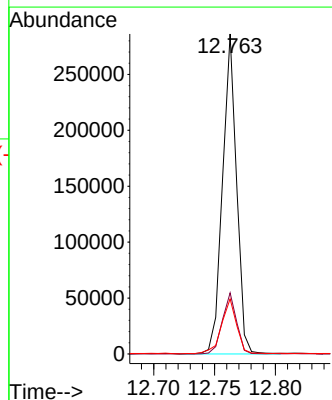
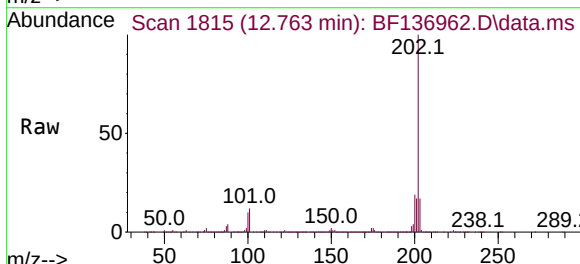
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD

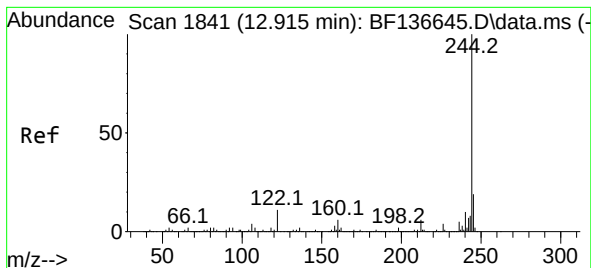
Tgt Ion:184 Resp: 70753
Ion Ratio Lower Upper
184 100
185 14.5 11.2 16.8
183 12.0 9.3 13.9



#78
Pyrene
Concen: 20.928 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Tgt Ion:202 Resp: 230475
Ion Ratio Lower Upper
202 100
200 19.1 15.9 23.9
203 17.2 13.8 20.6





#79

Terphenyl-d14

Concen: 31.327 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MSD

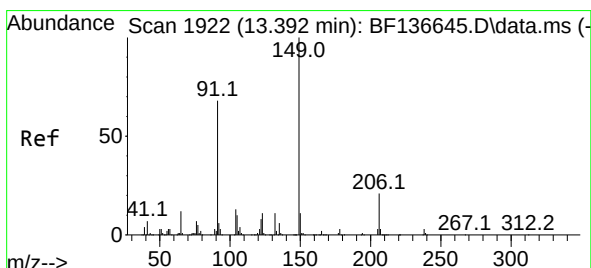
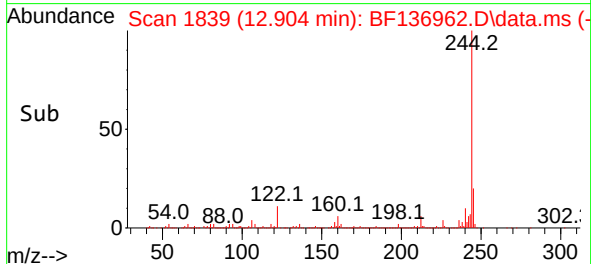
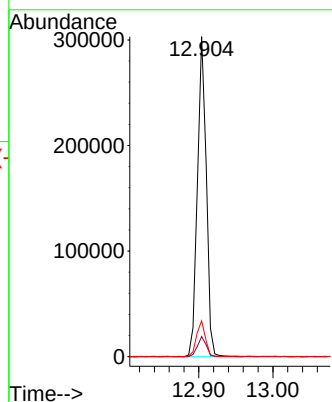
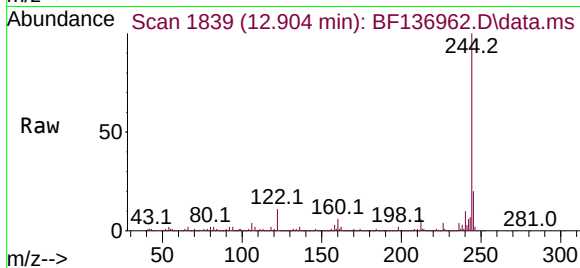
Tgt Ion:244 Resp: 251486

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 11.2 9.0 13.4



#80

Butylbenzylphthalate

Concen: 21.408 ng

RT: 13.386 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

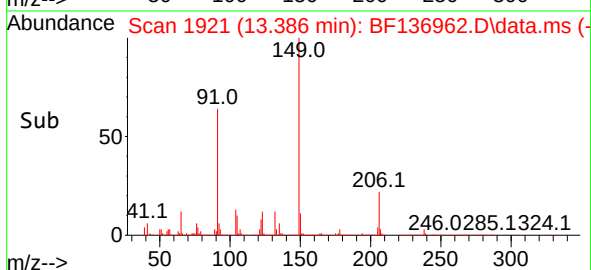
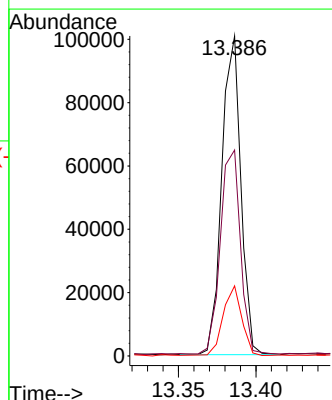
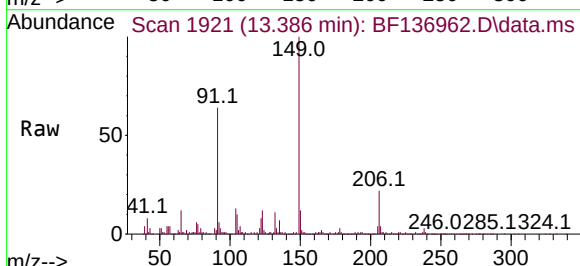
Tgt Ion:149 Resp: 85789

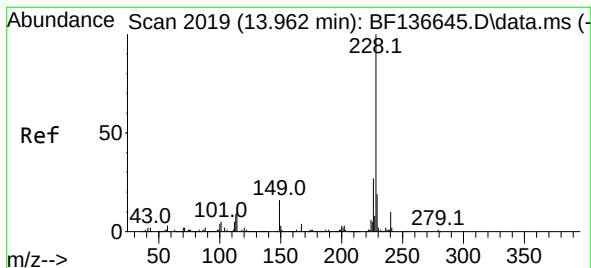
Ion Ratio Lower Upper

149 100

91 64.4 54.1 81.1

206 21.9 17.1 25.7





#81

Benzo(a)anthracene

Concen: 25.543 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MSD

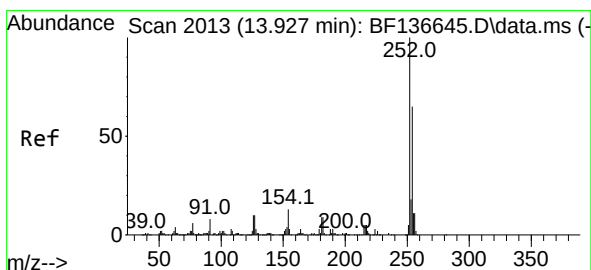
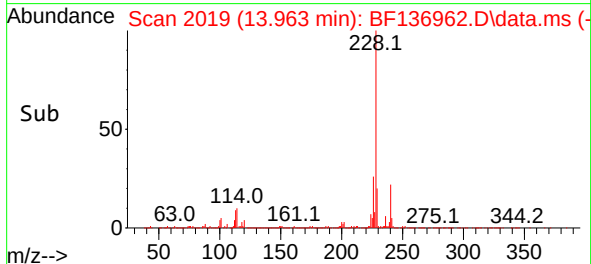
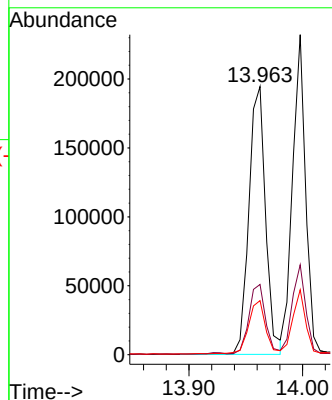
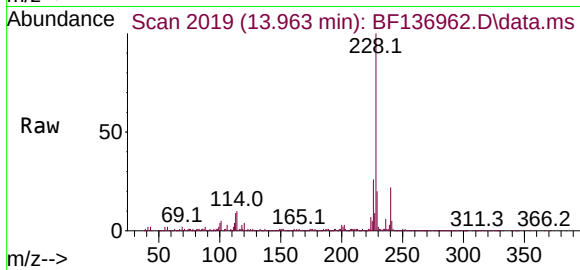
Tgt Ion:228 Resp: 198982

Ion Ratio Lower Upper

228 100

226 26.2 21.4 32.0

229 20.1 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 26.026 ng

RT: 13.927 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

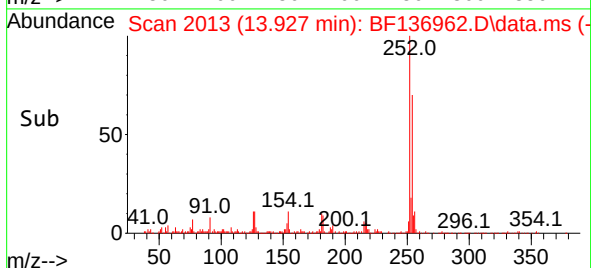
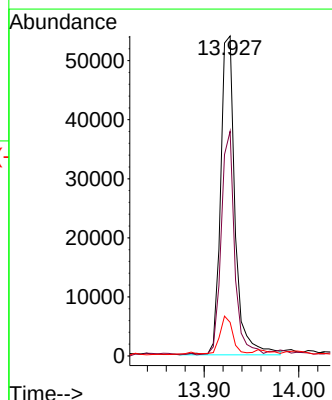
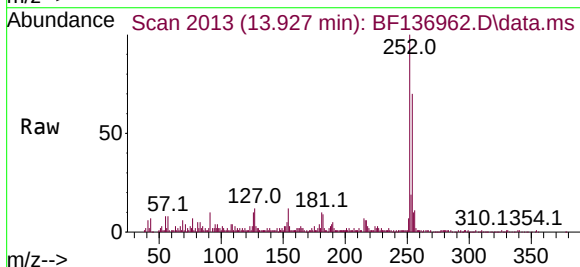
Tgt Ion:252 Resp: 57577

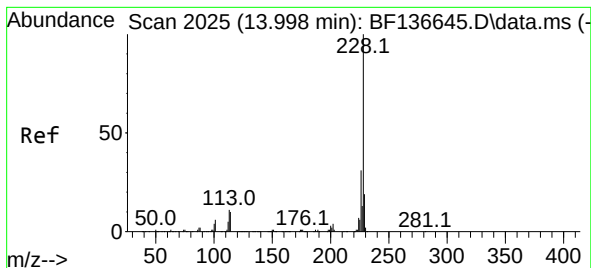
Ion Ratio Lower Upper

252 100

254 70.2 52.2 78.4

126 10.5 8.0 12.0





#83

Chrysene

Concen: 24.366 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MSD

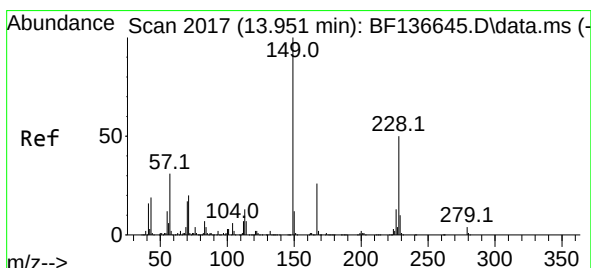
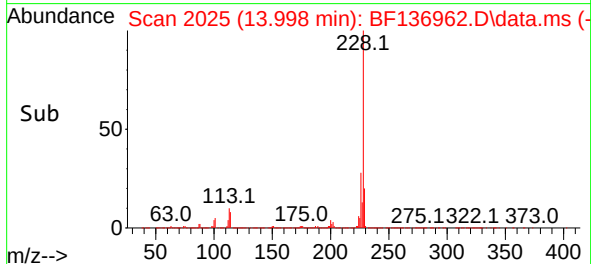
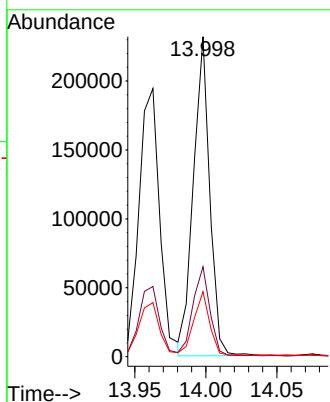
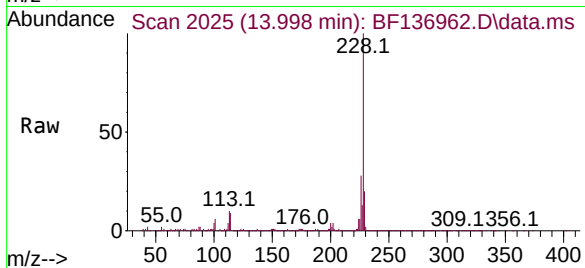
Tgt Ion:228 Resp: 185615

Ion Ratio Lower Upper

228 100

226 28.1 24.7 37.1

229 20.3 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 25.791 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

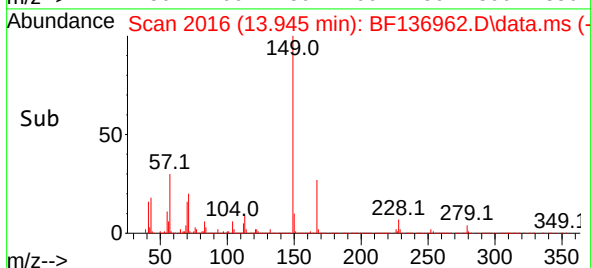
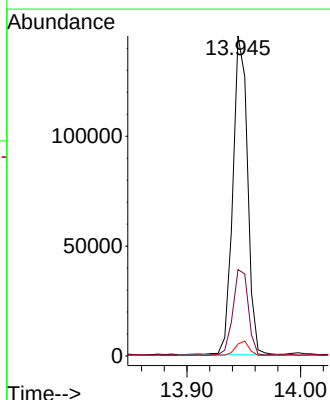
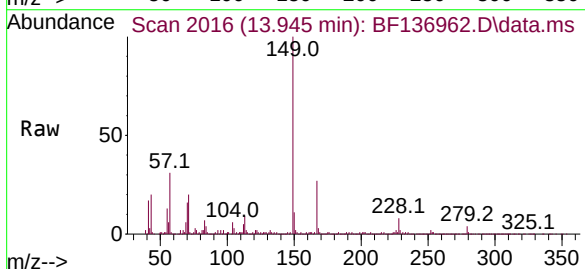
Tgt Ion:149 Resp: 130036

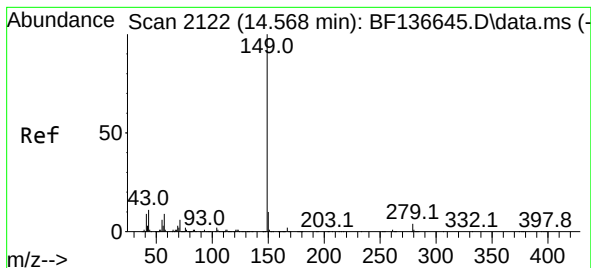
Ion Ratio Lower Upper

149 100

167 27.0 20.9 31.3

279 3.8 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 27.863 ng

RT: 14.563 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MSD

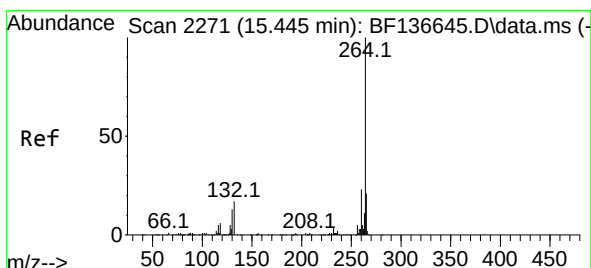
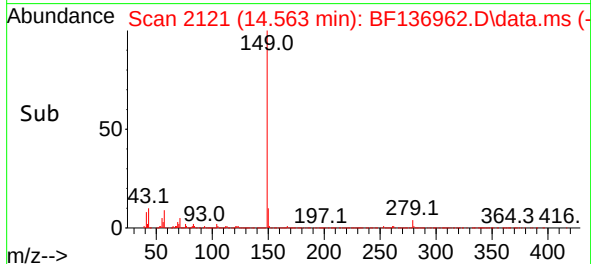
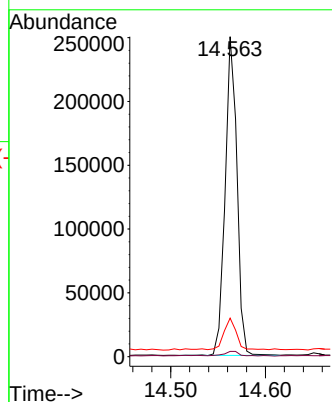
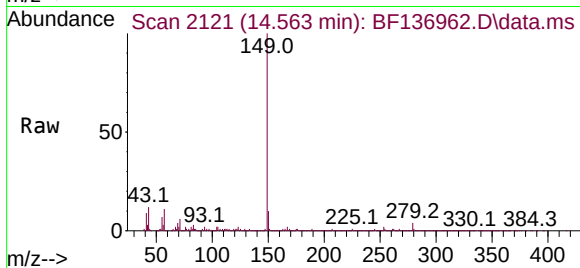
Tgt Ion:149 Resp: 217304

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.1 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.012 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

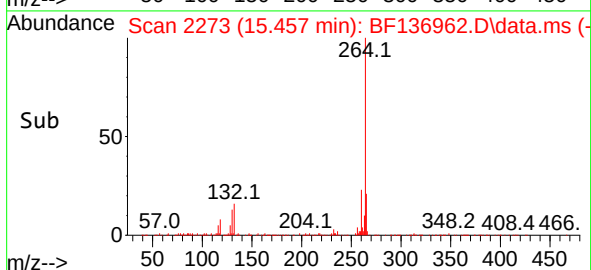
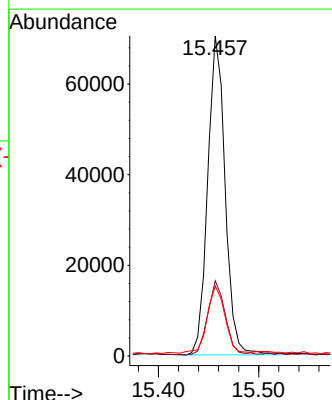
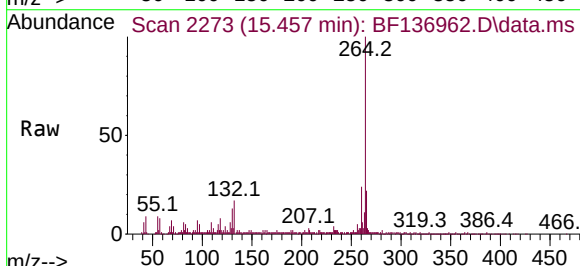
Tgt Ion:264 Resp: 85036

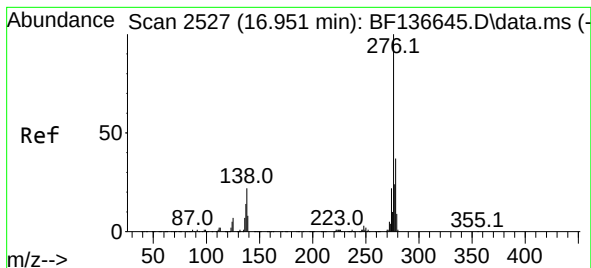
Ion Ratio Lower Upper

264 100

260 23.5 18.3 27.5

265 21.9 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 19.284 ng

RT: 16.980 min Scan# 2199

Delta R.T. 0.030 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MSD

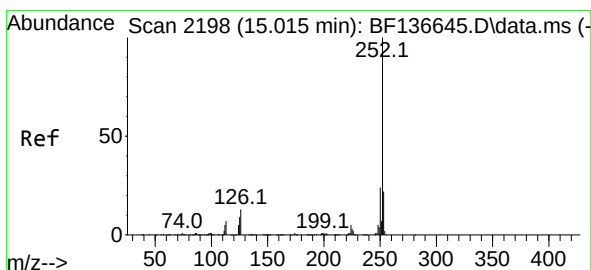
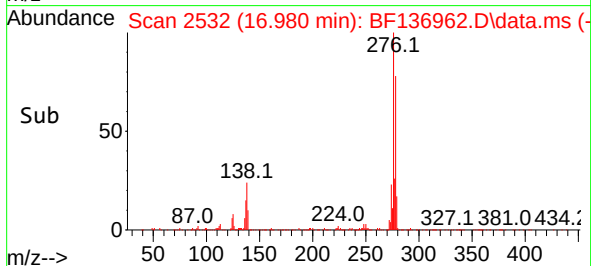
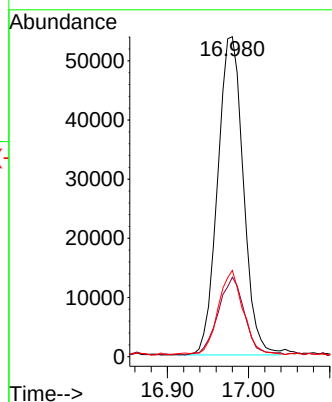
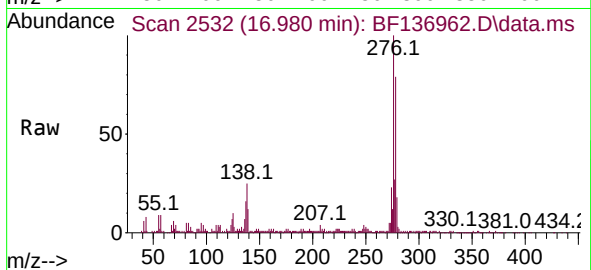
Tgt Ion:276 Resp: 118401

Ion Ratio Lower Upper

276 100

138 25.2 18.7 28.1

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 26.538 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

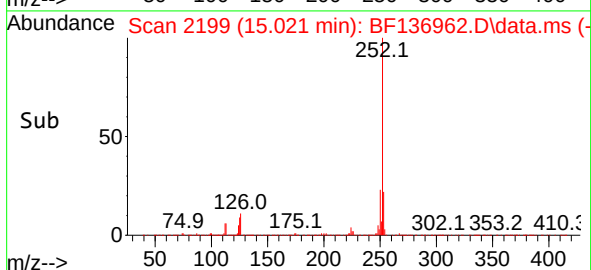
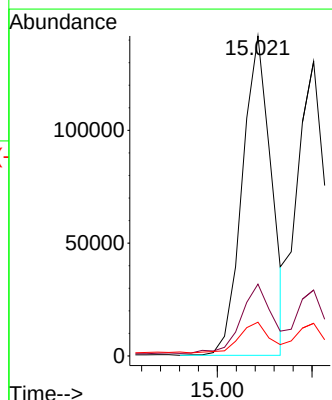
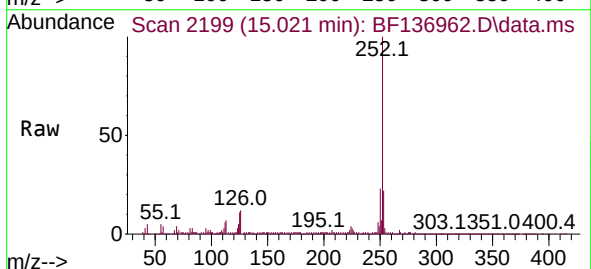
Tgt Ion:252 Resp: 150726

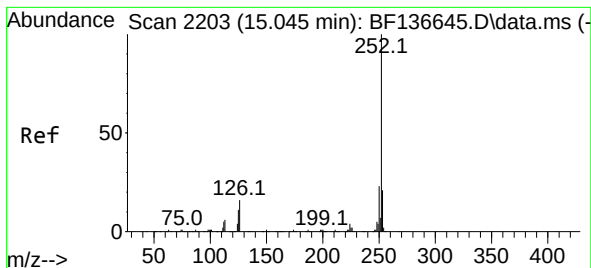
Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

125 10.5 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 25.373 ng

RT: 15.051 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MSD

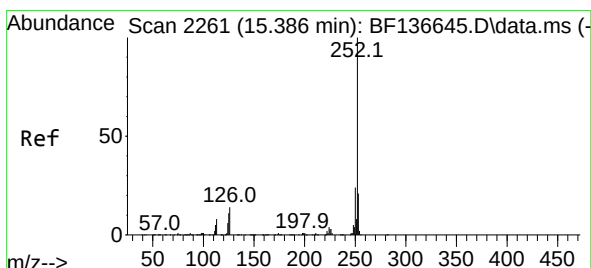
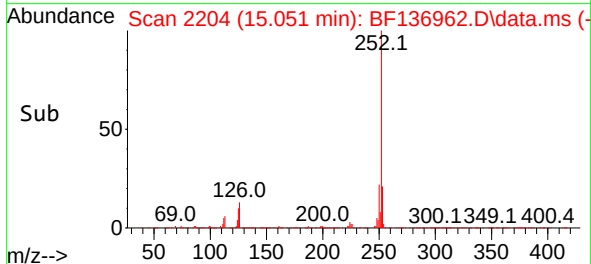
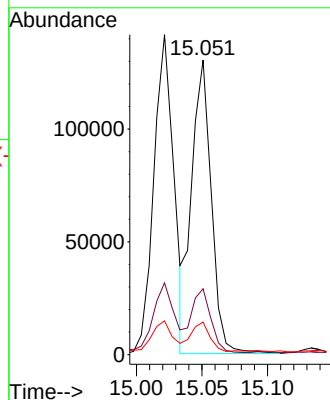
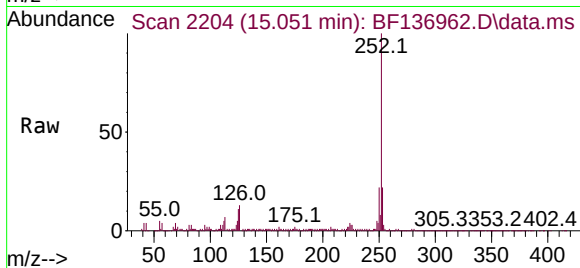
Tgt Ion:252 Resp: 136169

Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.6

125 11.1 8.2 12.4



#90

Benzo(a)pyrene

Concen: 24.030 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.012 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

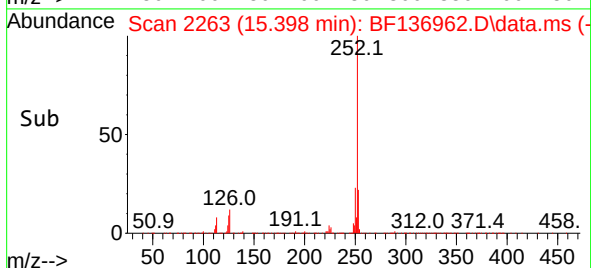
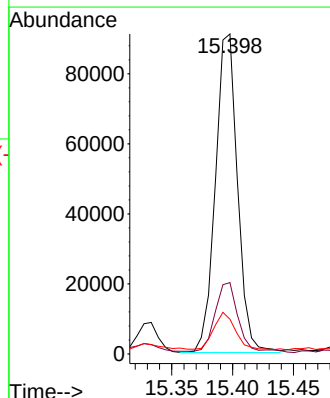
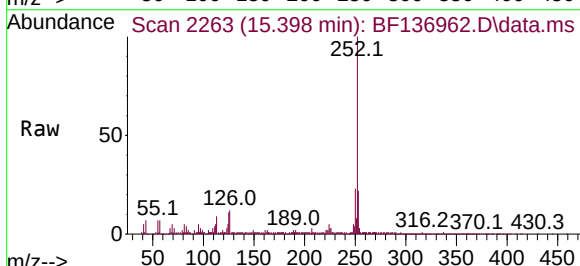
Tgt Ion:252 Resp: 115206

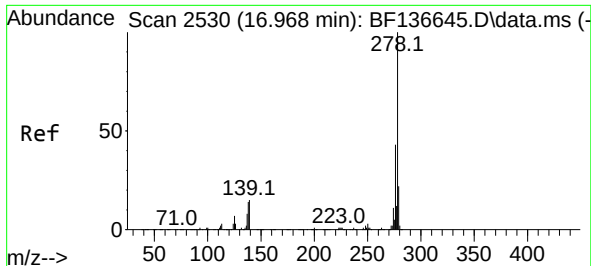
Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

125 10.8 8.8 13.2

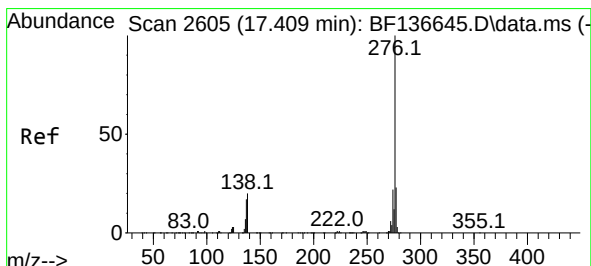
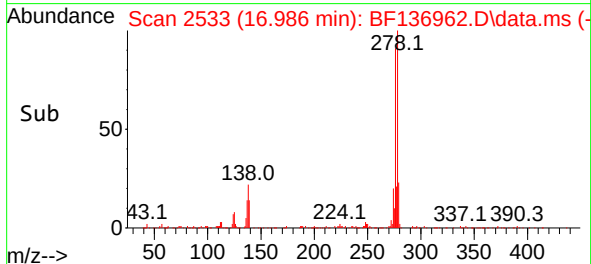
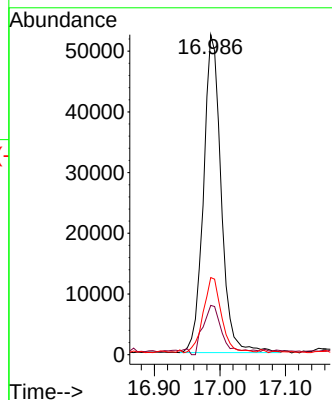
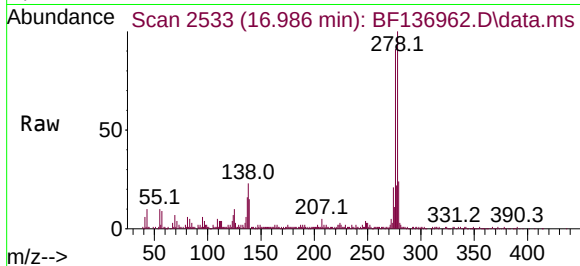




#91
Dibenzo(a,h)anthracene
Concen: 19.558 ng
RT: 16.986 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD

Tgt Ion:278 Resp: 98514
Ion Ratio Lower Upper
278 100
139 15.4 12.2 18.4
279 24.1 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 18.336 ng
RT: 17.433 min Scan# 2609
Delta R.T. 0.024 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Tgt Ion:276 Resp: 94597
Ion Ratio Lower Upper
276 100
277 23.0 18.3 27.5
138 19.8 15.6 23.4

