

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
 Data File : BF135273.D
 Acq On : 15 Sep 2023 01:23
 Operator : CG\JU
 Sample : 04249-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-083023MS

Quant Time: Sep 15 02:25:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	101888	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	365642	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	150993	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	267130	20.000	ng	0.00
76) Chrysene-d12	13.962	240	146481	20.000	ng	0.02
86) Perylene-d12	15.433	264	133731	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	591527	94.426	ng	0.02
7) Phenol-d6	6.416	99	714896	89.748	ng	0.01
23) Nitrobenzene-d5	7.328	82	441855	65.654	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	132333	88.192	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	723923	72.334	ng	0.00
79) Terphenyl-d14	12.892	244	617433	65.342	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.534	88	109960	40.041	ng	99
3) Pyridine	3.281	79	274469	37.135	ng	93
4) n-Nitrosodimethylamine	3.246	42	180663	46.062	ng	92
6) Aniline	6.445	93	240915	23.064	ng	98
8) 2-Chlorophenol	6.551	128	302382	45.217	ng	99
9) Benzaldehyde	6.316	77	119516	26.338	ng	97
10) Phenol	6.428	94	365484	41.843	ng	98
11) bis(2-Chloroethyl)ether	6.504	93	310170	47.340	ng	99
12) 1,3-Dichlorobenzene	6.704	146	307784	45.287	ng	99
13) 1,4-Dichlorobenzene	6.781	146	318459	46.056	ng	99
14) 1,2-Dichlorobenzene	6.934	146	295232	45.977	ng	97
15) Benzyl Alcohol	6.916	79	259943	45.476	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.045	45	539421	43.678	ng	97
17) 2-Methylphenol	7.028	107	232355	39.373	ng	96
18) Hexachloroethane	7.269	117	102297	40.040	ng	94
19) n-Nitroso-di-n-propyla...	7.181	70	203272	41.199	ng	95
20) 3+4-Methylphenols	7.181	107	279105	39.332	ng	93
22) Acetophenone	7.175	105	402439	48.141	ng	96
24) Nitrobenzene	7.351	77	312518	46.981	ng	98
25) Isophorone	7.586	82	557924	45.146	ng	99
26) 2-Nitrophenol	7.663	139	129664	40.614	ng	98
27) 2,4-Dimethylphenol	7.704	122	238823	44.504	ng	98
28) bis(2-Chloroethoxy)met...	7.798	93	352397	47.642	ng	99
29) 2,4-Dichlorophenol	7.910	162	217880	43.816	ng	97
30) 1,2,4-Trichlorobenzene	7.986	180	243708	46.890	ng	98
31) Naphthalene	8.069	128	871795	49.072	ng	99
32) Benzoic acid	7.828	122	145107	35.909	ng	95
33) 4-Chloroaniline	8.128	127	194283	24.926	ng	98
34) Hexachlorobutadiene	8.181	225	150090	47.891	ng	99
35) Caprolactam	8.492	113	59860	35.868	ng	95
36) 4-Chloro-3-methylphenol	8.610	107	227264	41.122	ng	97
37) 2-Methylnaphthalene	8.757	142	527371	44.161	ng	99
38) 1-Methylnaphthalene	8.857	142	489402	43.773	ng	99
40) 1,2,4,5-Tetrachloroben...	8.922	216	225090	51.456	ng	99
41) Hexachlorocyclopentadiene	8.904	237	5398	9.926	ng	92
43) 2,4,6-Trichlorophenol	9.039	196	140795	49.159	ng	95

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 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	137190	41.594	ng	98
46) 1,1'-Biphenyl	9.222	154	587189	50.604	ng	99
47) 2-Chloronaphthalene	9.245	162	418746	49.738	ng	96
48) 2-Nitroaniline	9.351	65	156582	47.873	ng	98
49) Acenaphthylene	9.663	152	681067	48.676	ng	100
50) Dimethylphthalate	9.527	163	491090	48.105	ng	99
51) 2,6-Dinitrotoluene	9.592	165	98995	44.266	ng	98
52) Acenaphthene	9.833	154	436706	52.834	ng	98
53) 3-Nitroaniline	9.763	138	103989	39.613	ng	98
54) 2,4-Dinitrophenol	9.880	184	12888	15.606	ng	94
55) Dibenzofuran	10.010	168	609362	48.311	ng	98
56) 4-Nitrophenol	9.939	139	139932	83.872	ng	92
57) 2,4-Dinitrotoluene	10.004	165	116622	41.654	ng	90
58) Fluorene	10.351	166	517564	53.376	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.133	232	106973	42.162	ng	99
60) Diethylphthalate	10.233	149	472332	46.102	ng	100
61) 4-Chlorophenyl-phenyle...	10.345	204	204618	43.929	ng	98
62) 4-Nitroaniline	10.380	138	109677	43.464	ng	99
63) Azobenzene	10.504	77	437762	43.658	ng	97
65) 4,6-Dinitro-2-methylph...	10.416	198	12350	8.704	ng	90
66) n-Nitrosodiphenylamine	10.469	169	395874	48.950	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	126821	47.734	ng	99
68) Hexachlorobenzene	10.904	284	127828	47.227	ng	94
69) Atrazine	11.004	200	115229	52.953	ng	95
70) Pentachlorophenol	11.104	266	117674	72.665	ng	99
71) Phenanthrene	11.321	178	1193826	94.492	ng	99
72) Anthracene	11.374	178	773628	59.572	ng	99
73) Carbazole	11.533	167	607071	51.351	ng	99
74) Di-n-butylphthalate	11.868	149	693235	49.765	ng	99
75) Fluoranthene	12.521	202	1587067	120.556	ng	99
77) Benzidine	12.645	184	82285	27.420	ng	98
78) Pyrene	12.751	202	1540746	110.479	ng	99
80) Butylbenzylphthalate	13.374	149	275566	56.121	ng	98
81) Benzo(a)anthracene	13.951	228	958387	101.324	ng	97
82) 3,3'-Dichlorobenzidine	13.915	252	143272	48.494	ng	99
83) Chrysene	13.992	228	846323	89.995	ng	98
84) Bis(2-ethylhexyl)phtha...	13.939	149	337288	66.939	ng	99
85) Di-n-octyl phthalate	14.557	149	547787	68.409	ng	# 93
87) Indeno(1,2,3-cd)pyrene	16.927	276	525348	59.915	ng	97
88) Benzo(b)fluoranthene	15.009	252	781348	107.931	ng	96
89) Benzo(k)fluoranthene	15.009	252	781348	109.261	ng	97
90) Benzo(a)pyrene	15.374	252	602916	87.333	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	322717	44.982	ng	97
92) Benzo(g,h,i)perylene	17.380	276	450901	60.179	ng	100

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

SU-02-083023MS

Response via : Initial Calibration

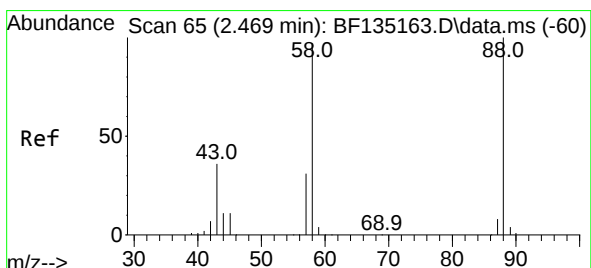
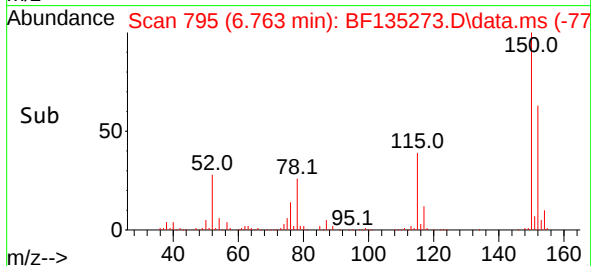
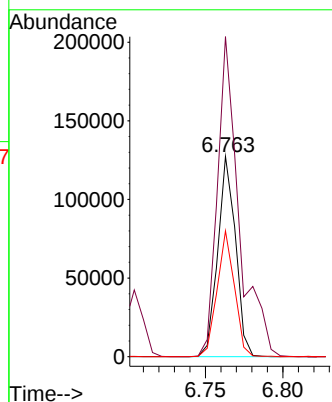
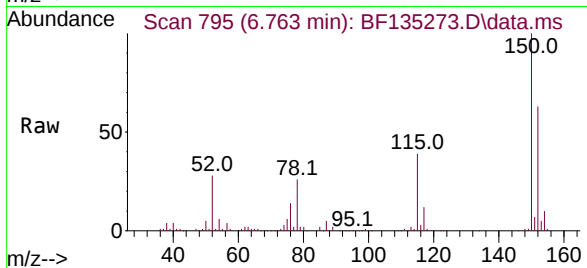




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF135273.D
 Acq: 15 Sep 2023 01:23

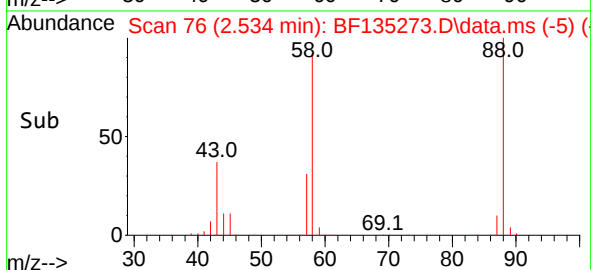
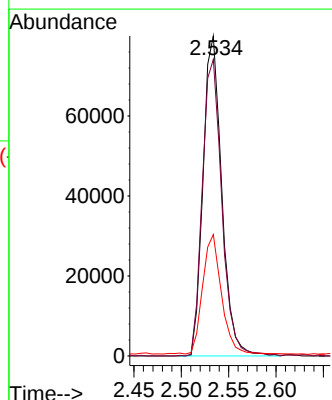
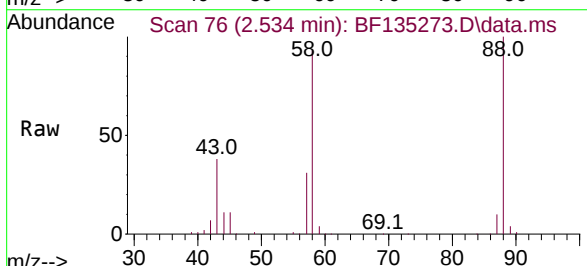
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-083023MS

Tgt Ion:152 Resp: 101888
 Ion Ratio Lower Upper
 152 100
 150 159.8 127.8 191.6
 115 62.8 49.8 74.8



#2
 1,4-Dioxane
 Concen: 40.041 ng
 RT: 2.534 min Scan# 76
 Delta R.T. 0.065 min
 Lab File: BF135273.D
 Acq: 15 Sep 2023 01:23

Tgt Ion: 88 Resp: 109960
 Ion Ratio Lower Upper
 88 100
 58 96.8 78.3 117.5
 43 37.7 29.4 44.0

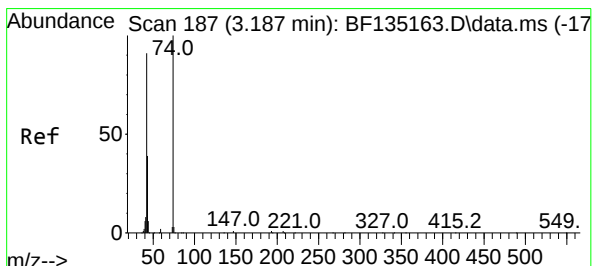
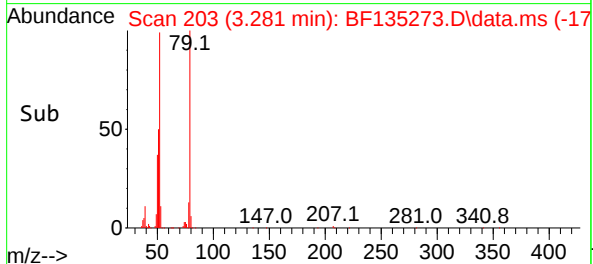
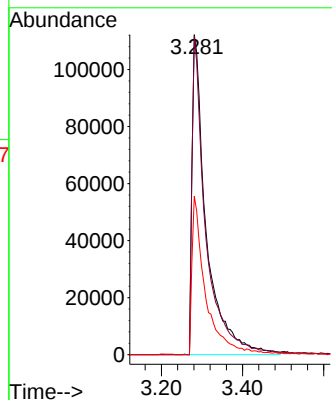
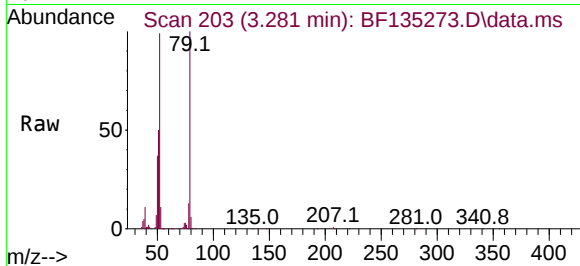




#3
Pyridine
Concen: 37.135 ng
RT: 3.281 min Scan# 203
Delta R.T. 0.065 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

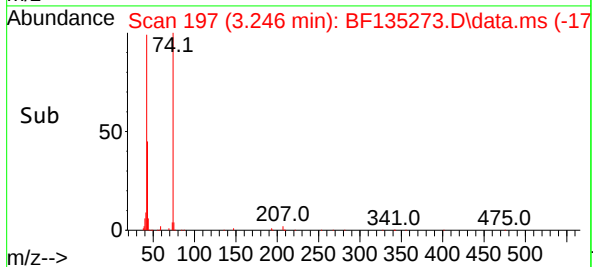
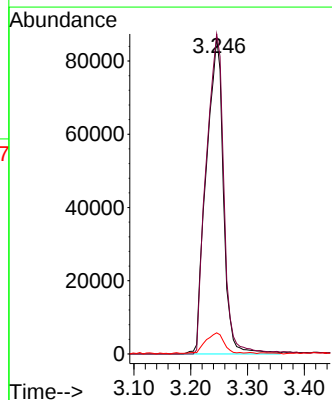
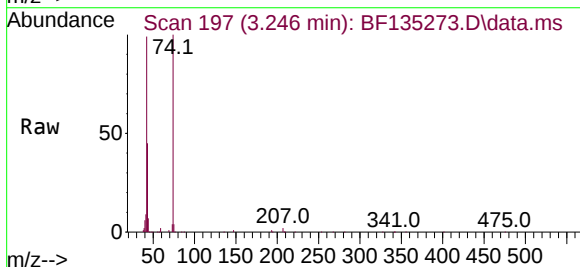
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MS

Tgt Ion: 79 Resp: 274469
Ion Ratio Lower Upper
79 100
52 99.4 74.1 111.1
51 49.5 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 46.062 ng
RT: 3.246 min Scan# 197
Delta R.T. 0.059 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

Tgt Ion: 42 Resp: 180663
Ion Ratio Lower Upper
42 100
74 101.1 87.7 131.5
44 6.7 5.6 8.4

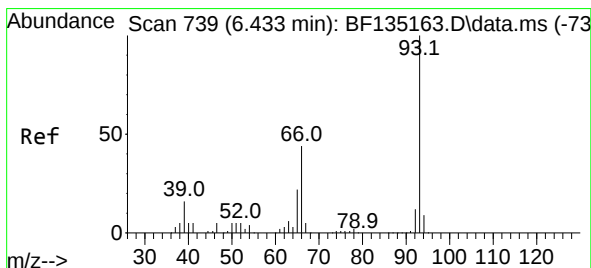
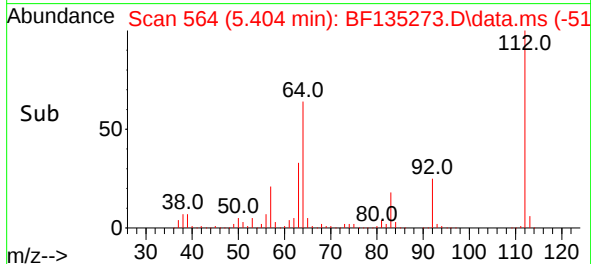
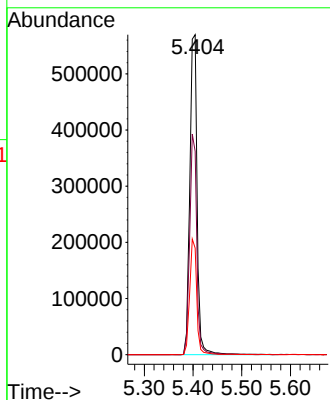
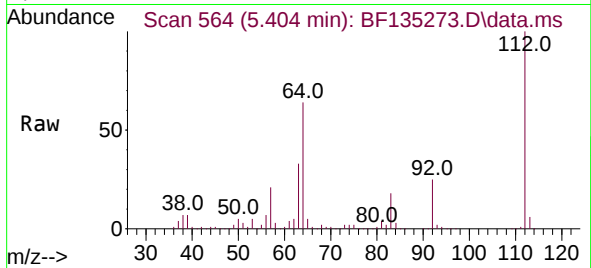




#5
2-Fluorophenol
Concen: 94.426 ng
RT: 5.404 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

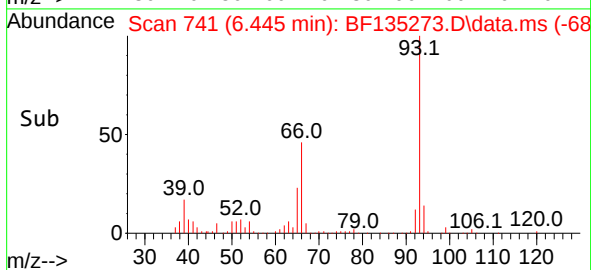
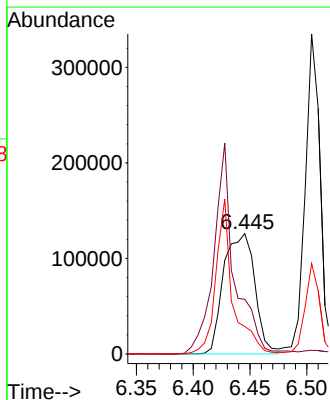
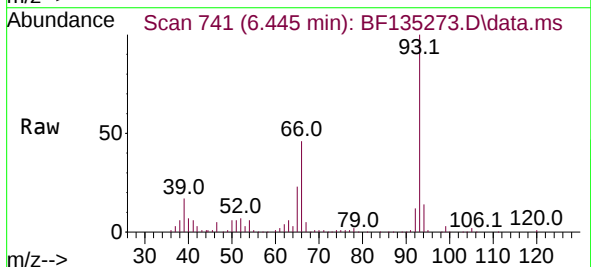
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MS

Tgt Ion:112 Resp: 591527
Ion Ratio Lower Upper
112 100
64 63.6 55.9 83.9
63 33.3 29.0 43.6



#6
Aniline
Concen: 23.064 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

Tgt Ion: 93 Resp: 240915
Ion Ratio Lower Upper
93 100
66 45.5 35.4 53.0
65 22.9 17.8 26.8





#7

Phenol-d6

Concen: 89.748 ng

RT: 6.416 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MS

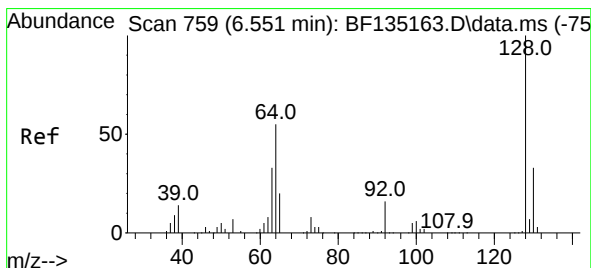
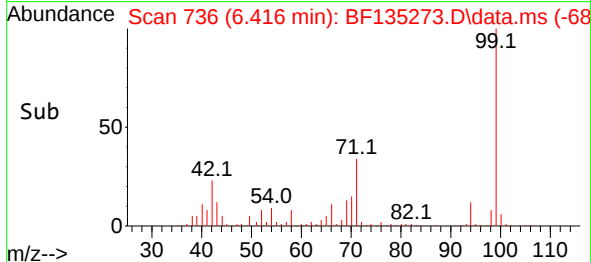
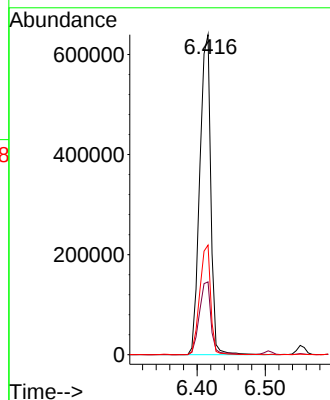
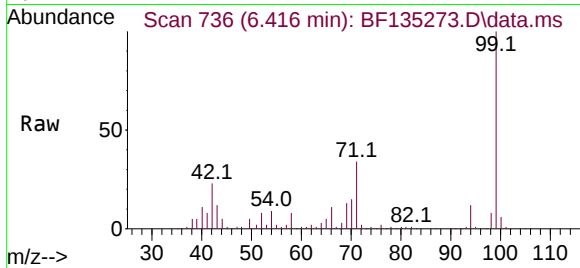
Tgt Ion: 99 Resp: 714896

Ion Ratio Lower Upper

99 100

42 22.7 17.9 26.9

71 34.3 27.0 40.6



#8

2-Chlorophenol

Concen: 45.217 ng

RT: 6.551 min Scan# 759

Delta R.T. 0.000 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

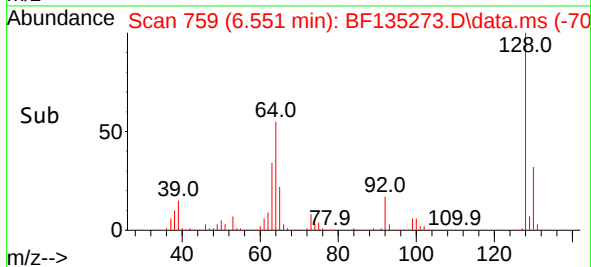
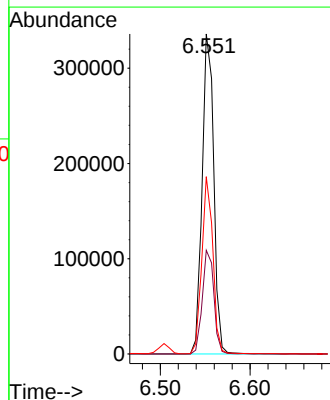
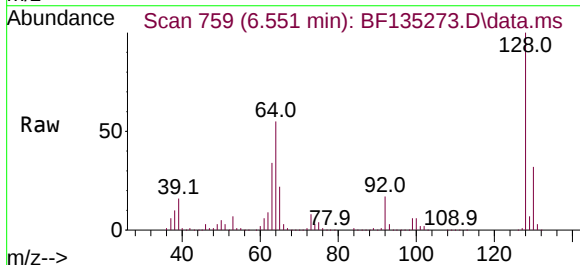
Tgt Ion:128 Resp: 302382

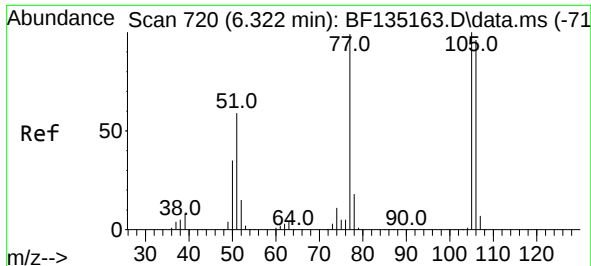
Ion Ratio Lower Upper

128 100

130 32.4 12.7 52.7

64 55.4 35.9 75.9

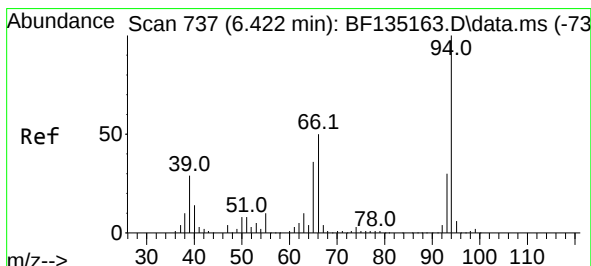
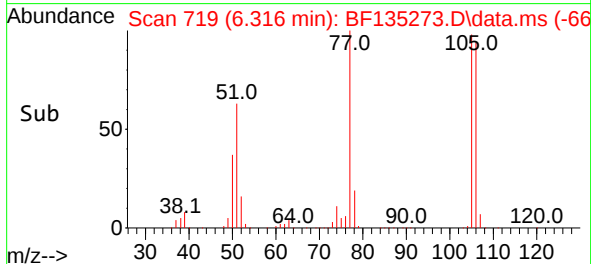
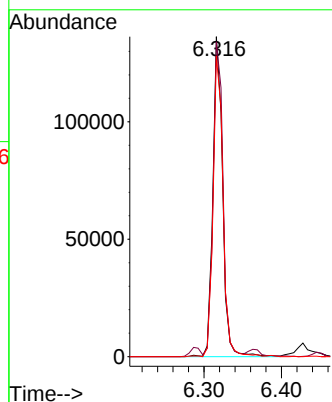
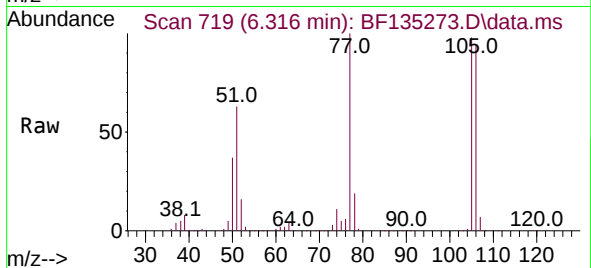




#9
Benzaldehyde
Concen: 26.338 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

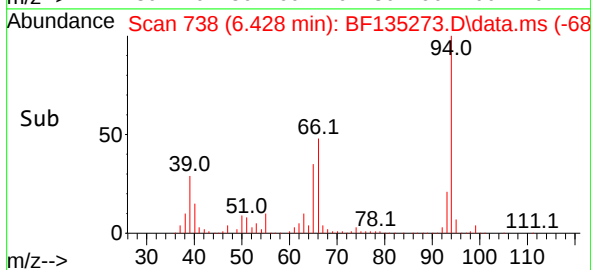
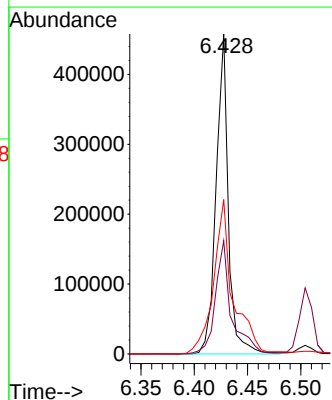
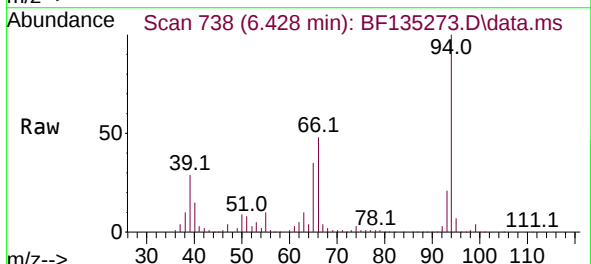
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MS

Tgt Ion: 77 Resp: 119516
Ion Ratio Lower Upper
77 100
105 98.4 81.4 121.4
106 94.0 76.9 116.9



#10
Phenol
Concen: 41.843 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.006 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

Tgt Ion: 94 Resp: 365484
Ion Ratio Lower Upper
94 100
65 35.4 15.9 55.9
66 48.2 29.8 69.8

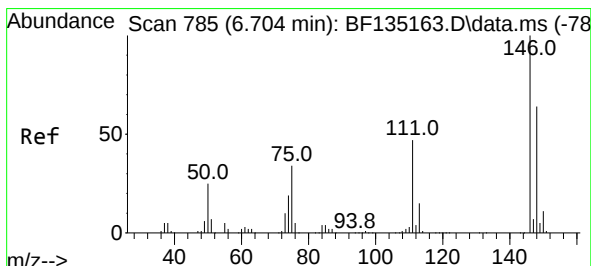
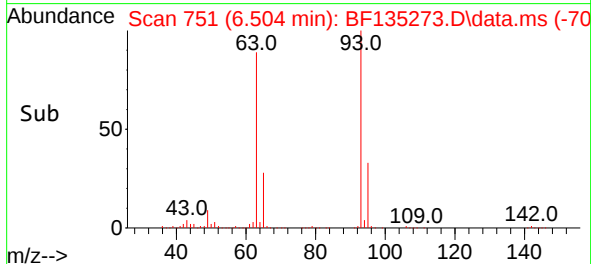
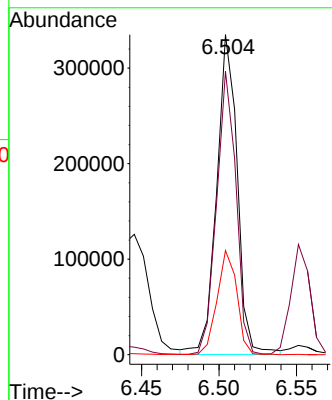
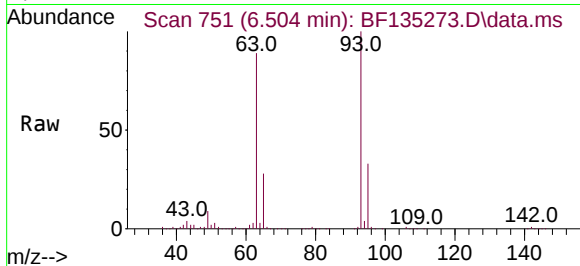




#11
bis(2-Chloroethyl)ether
Concen: 47.340 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

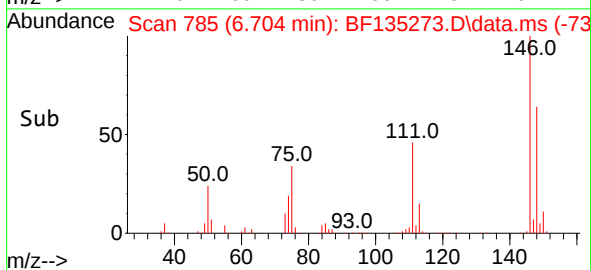
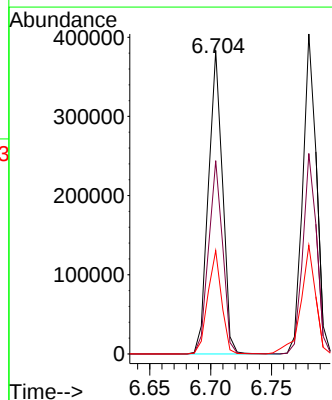
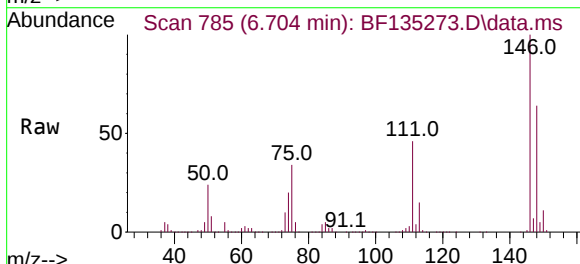
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MS

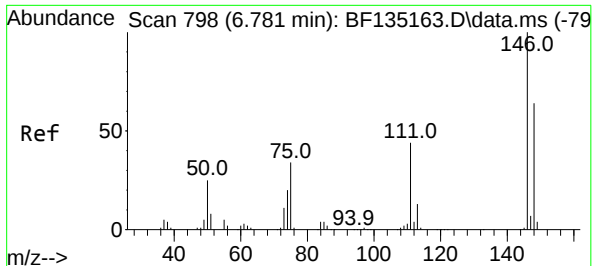
Tgt Ion: 93 Resp: 310170
Ion Ratio Lower Upper
93 100
63 88.5 67.3 107.3
95 32.5 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 45.287 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

Tgt Ion:146 Resp: 307784
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
75 34.1 27.4 41.2

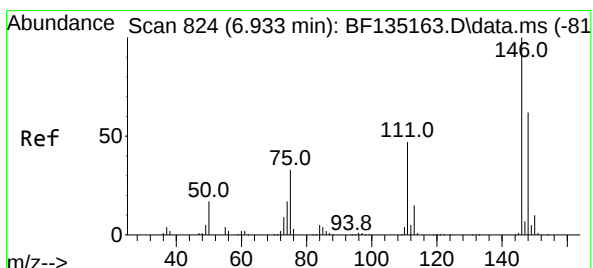
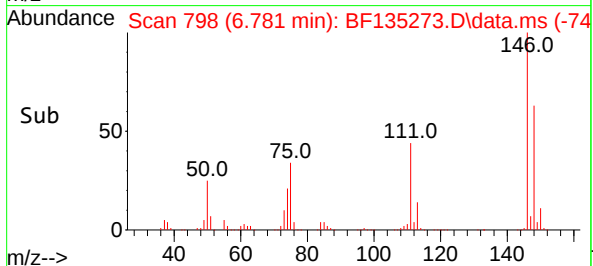
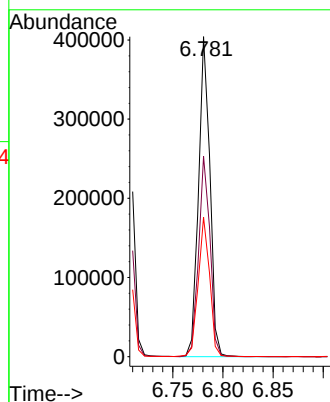
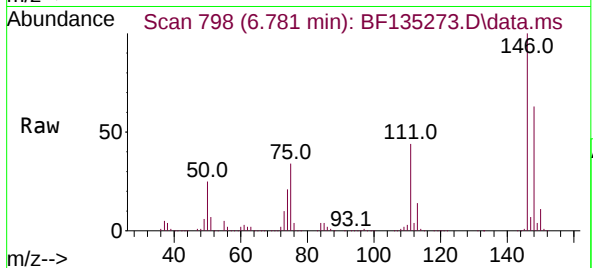




#13
 1,4-Dichlorobenzene
 Concen: 46.056 ng
 RT: 6.781 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: BF135273.D
 Acq: 15 Sep 2023 01:23

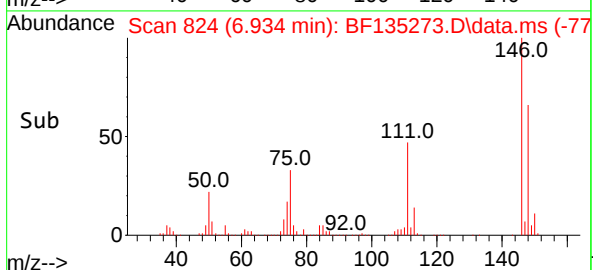
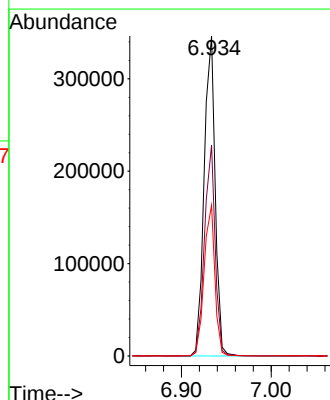
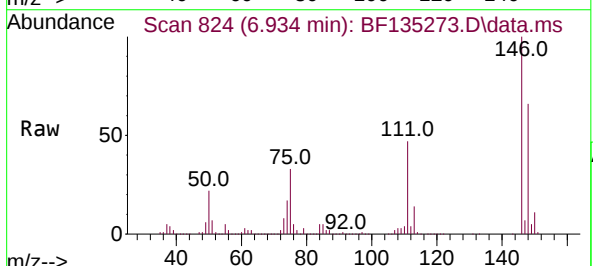
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-083023MS

Tgt Ion:146 Resp: 318459
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.3 76.9
 111 43.6 35.1 52.7



#14
 1,2-Dichlorobenzene
 Concen: 45.977 ng
 RT: 6.934 min Scan# 824
 Delta R.T. 0.000 min
 Lab File: BF135273.D
 Acq: 15 Sep 2023 01:23

Tgt Ion:146 Resp: 295232
 Ion Ratio Lower Upper
 146 100
 148 65.9 49.7 74.5
 111 47.1 37.4 56.2

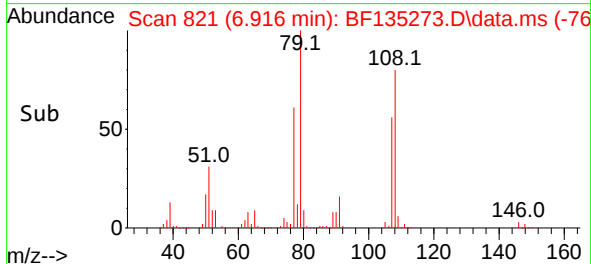
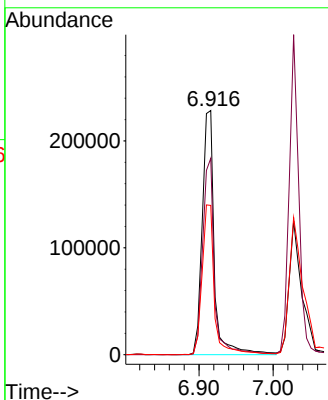
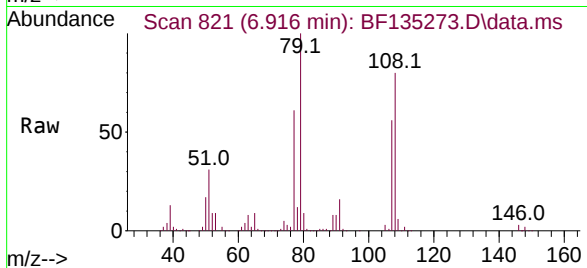




#15
Benzyl Alcohol
Concen: 45.476 ng
RT: 6.916 min Scan# 821
Delta R.T. 0.006 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

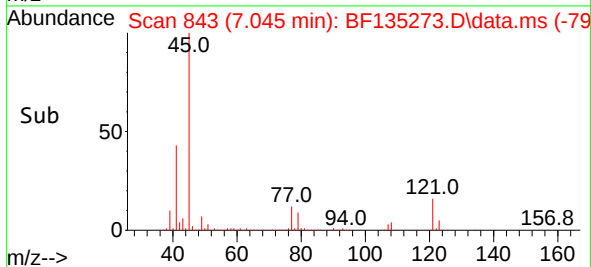
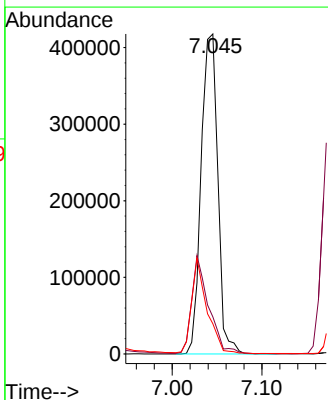
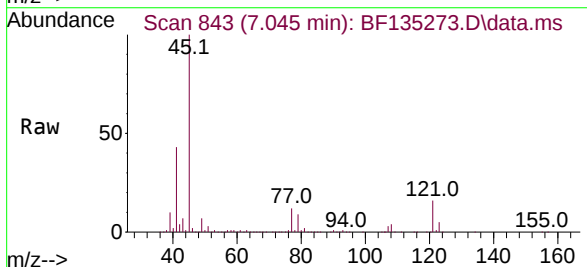
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MS

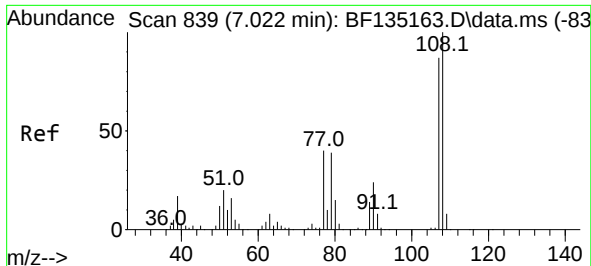
Tgt Ion: 79 Resp: 259943
Ion Ratio Lower Upper
79 100
108 80.4 61.2 91.8
77 61.2 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.678 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

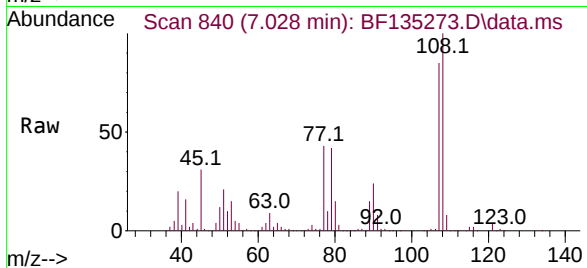
Tgt Ion: 45 Resp: 539421
Ion Ratio Lower Upper
45 100
77 11.6 0.0 30.6
79 9.4 0.0 28.3



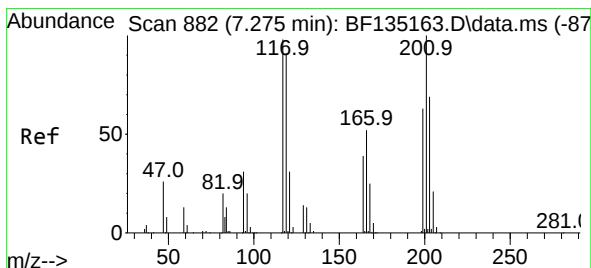
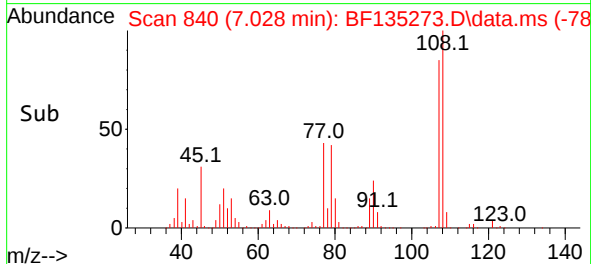
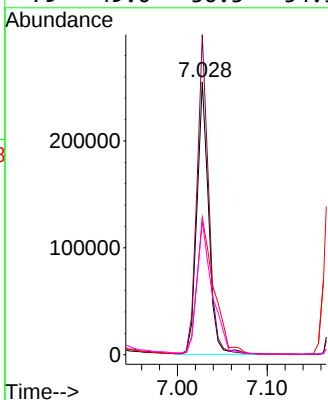


#17
2-Methylphenol
Concen: 39.373 ng
RT: 7.028 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

Instrument :
BNA_F
ClientSampleId :
SU-02-083023MS

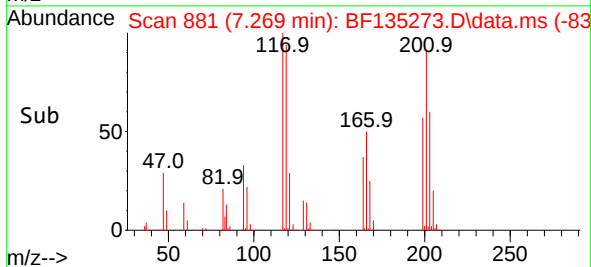
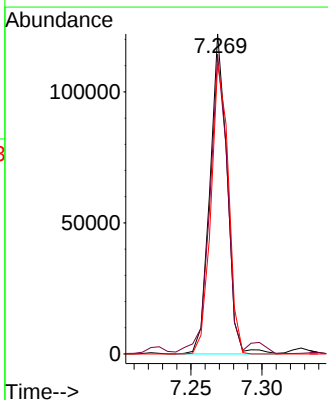
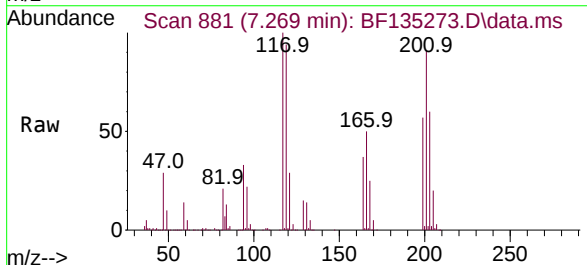


Tgt Ion:	107	Resp:	232355
Ion	Ratio	Lower	Upper
107	100		
108	117.3	92.0	138.0
77	50.3	36.7	55.1
79	49.0	36.3	54.5



#18
Hexachloroethane
Concen: 40.040 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

Tgt Ion:	117	Resp:	102297
Ion	Ratio	Lower	Upper
117	100		
119	93.6	74.7	112.1
201	90.7	81.8	122.8





#19

n-Nitroso-di-n-propylamine

Concen: 41.199 ng

RT: 7.181 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MS

Tgt Ion: 70 Resp: 203272

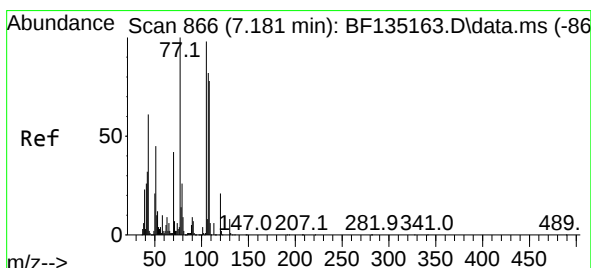
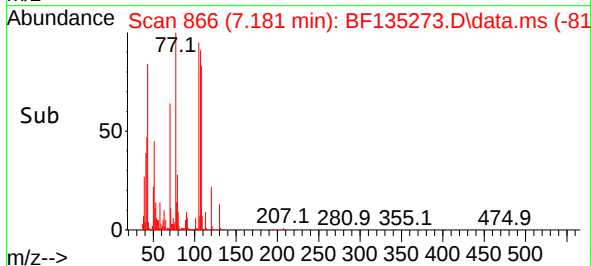
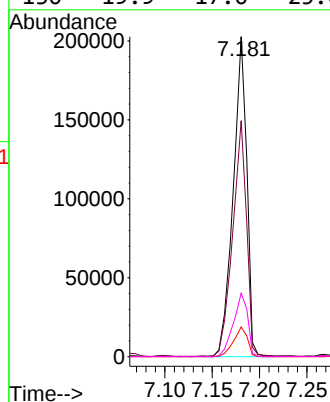
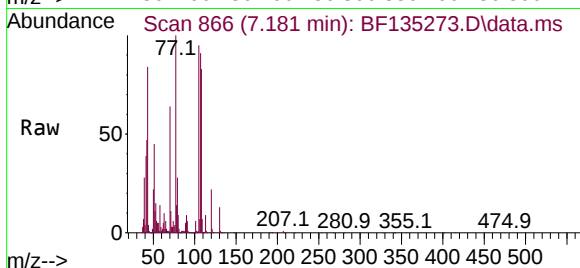
Ion Ratio Lower Upper

70 100

42 73.8 55.4 83.0

101 9.3 7.7 11.5

130 19.9 17.0 25.6



#20

3+4-Methylphenols

Concen: 39.332 ng

RT: 7.181 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

Tgt Ion:107 Resp: 279105

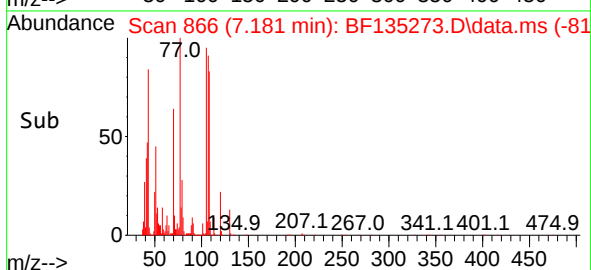
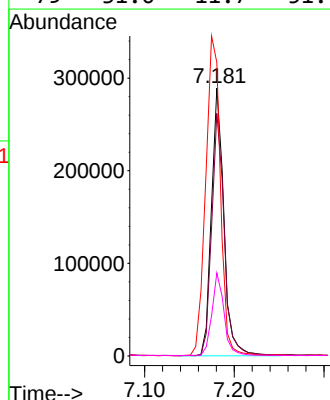
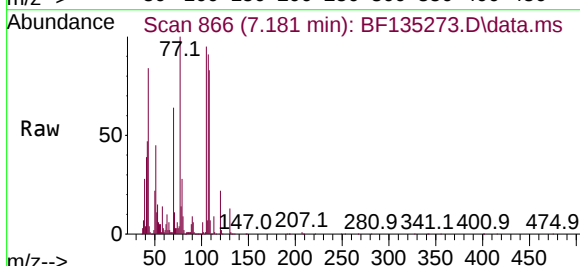
Ion Ratio Lower Upper

107 100

108 90.5 74.7 114.7

77 109.5 102.0 142.0

79 31.0 11.7 51.7

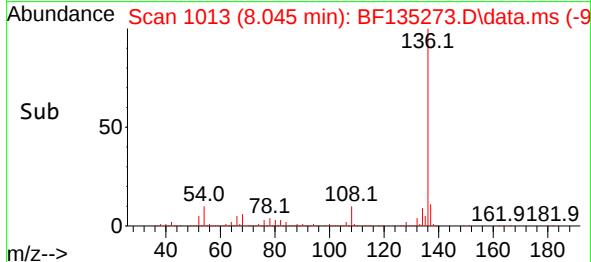
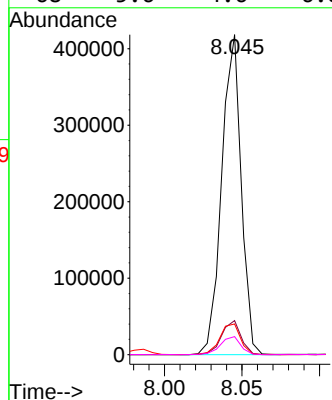
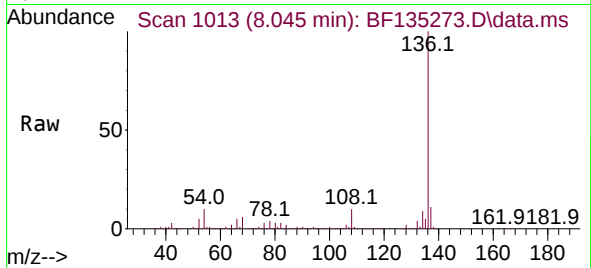




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

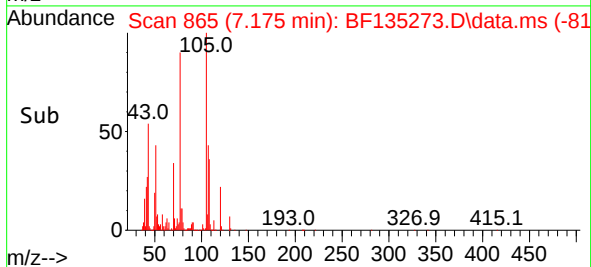
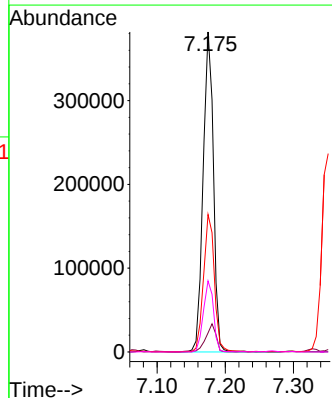
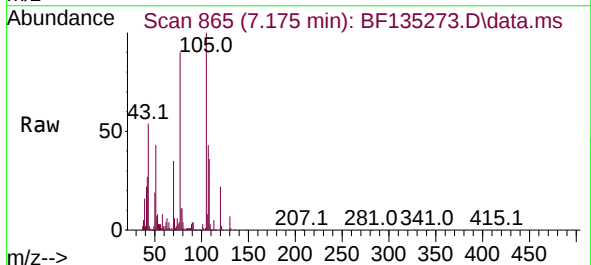
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MS

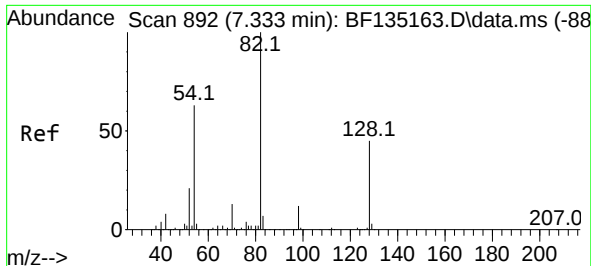
Tgt Ion:	136	Resp:	365642
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	9.6	7.7	11.5
68	5.6	4.6	6.8



#22
Acetophenone
Concen: 48.141 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

Tgt Ion:	105	Resp:	402439
Ion	Ratio	Lower	Upper
105	100		
71	5.9	5.8	8.6
51	42.9	37.0	55.4
120	22.2	17.0	25.6





#23

Nitrobenzene-d5

Concen: 65.654 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MS

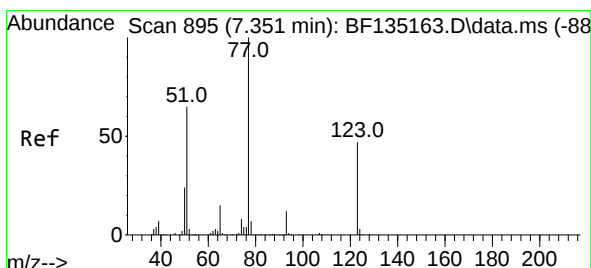
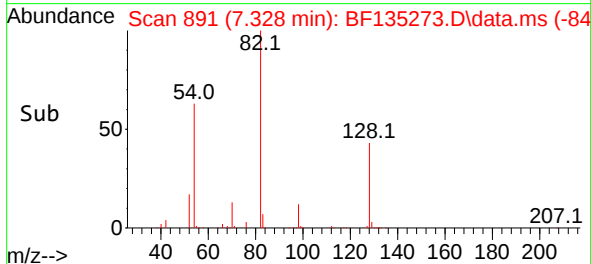
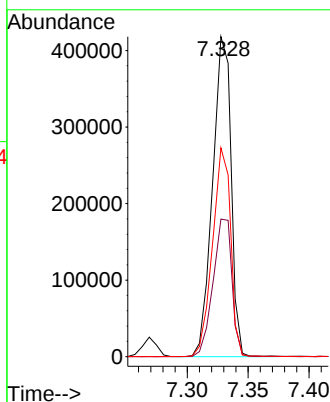
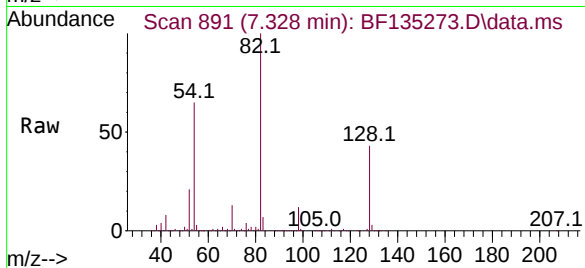
Tgt Ion: 82 Resp: 441855

Ion Ratio Lower Upper

82 100

128 43.0 35.8 53.6

54 65.3 50.6 76.0



#24

Nitrobenzene

Concen: 46.981 ng

RT: 7.351 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

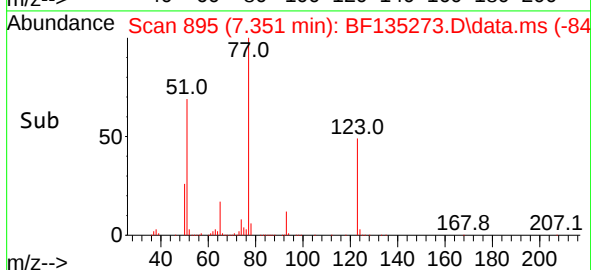
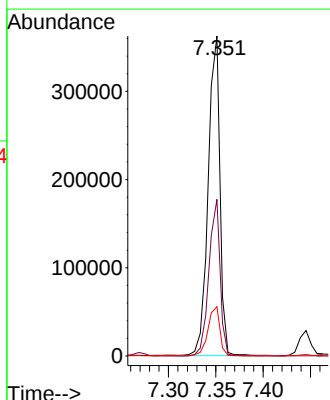
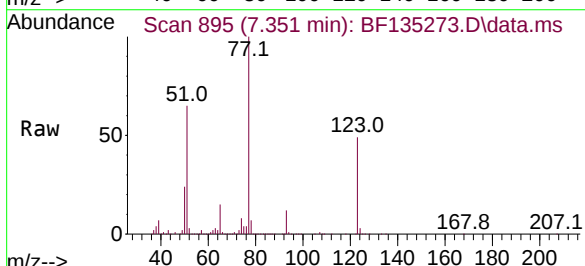
Tgt Ion: 77 Resp: 312518

Ion Ratio Lower Upper

77 100

123 48.9 37.6 56.4

65 15.4 12.2 18.4

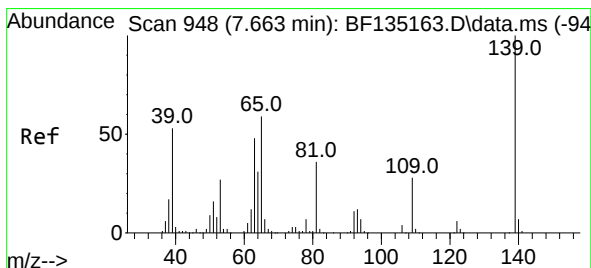
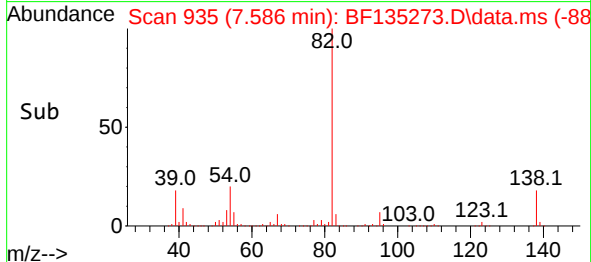
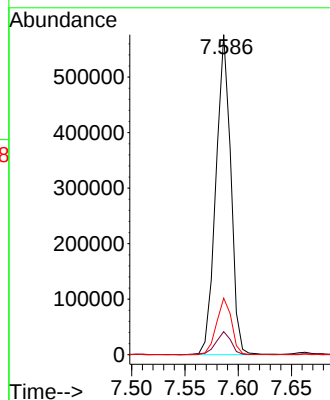
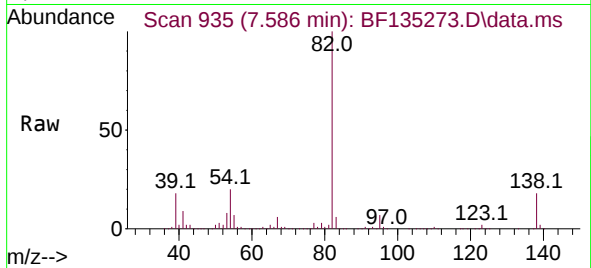




#25
Isophorone
Concen: 45.146 ng
RT: 7.586 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

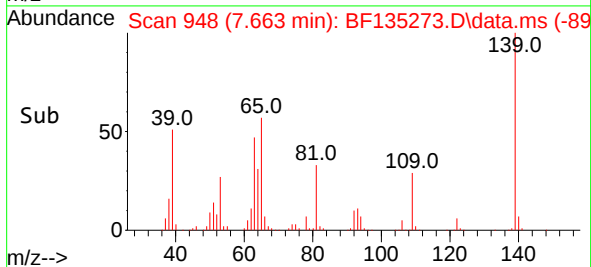
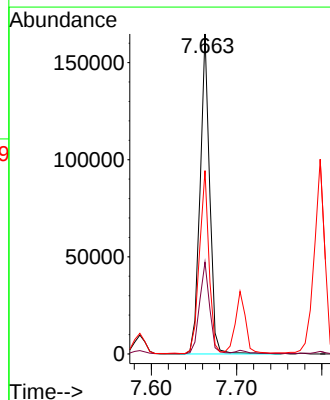
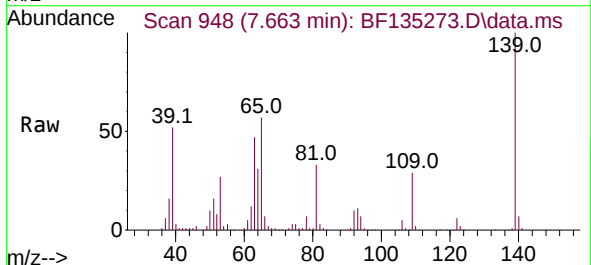
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MS

Tgt Ion: 82 Resp: 557924
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 17.7 14.5 21.7



#26
2-Nitrophenol
Concen: 40.614 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

Tgt Ion:139 Resp: 129664
Ion Ratio Lower Upper
139 100
109 28.7 22.6 33.8
65 57.3 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 44.504 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135273.D

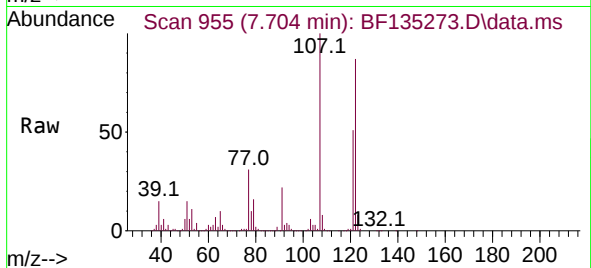
Acq: 15 Sep 2023 01:23

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MS



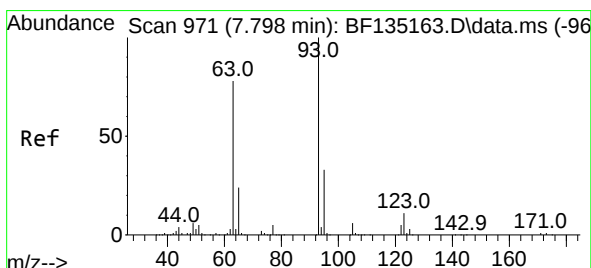
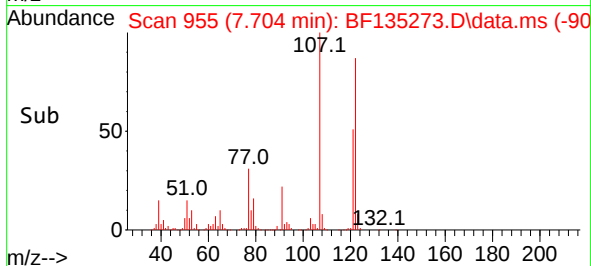
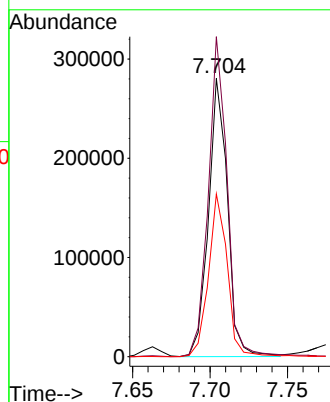
Tgt Ion:122 Resp: 238823

Ion Ratio Lower Upper

122 100

107 115.0 90.2 135.4

121 58.5 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 47.642 ng

RT: 7.798 min Scan# 971

Delta R.T. 0.000 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

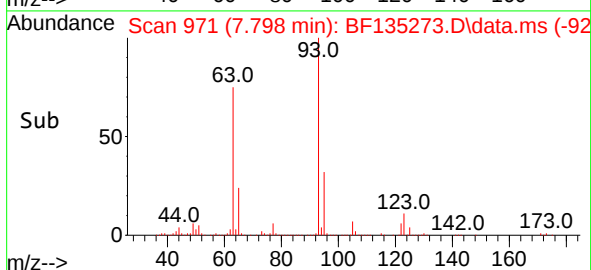
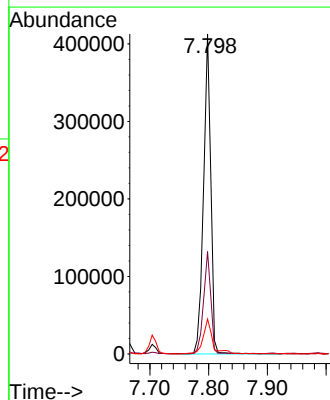
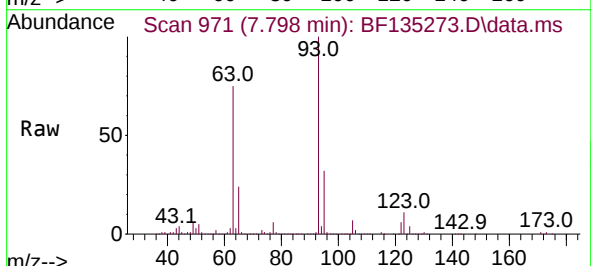
Tgt Ion: 93 Resp: 352397

Ion Ratio Lower Upper

93 100

95 32.0 26.2 39.2

123 10.9 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 43.816 ng

RT: 7.910 min Scan# 990

Delta R.T. 0.006 min

Lab File: BF135273.D

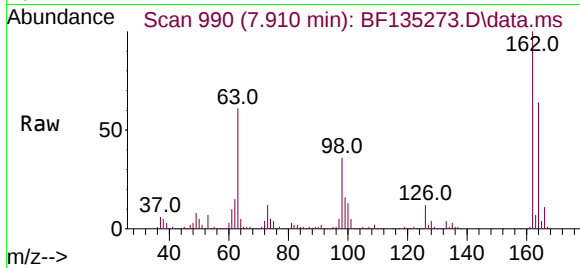
Acq: 15 Sep 2023 01:23

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MS



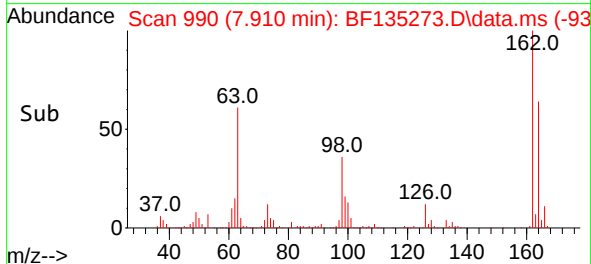
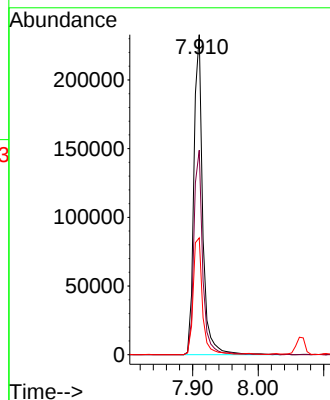
Tgt Ion:162 Resp: 217880

Ion Ratio Lower Upper

162 100

164 63.9 44.1 84.1

98 36.5 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 46.890 ng

RT: 7.986 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

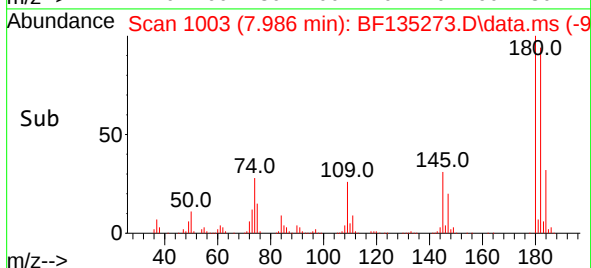
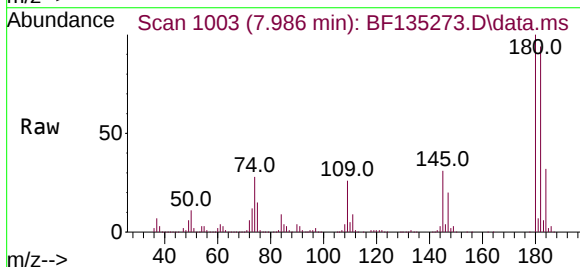
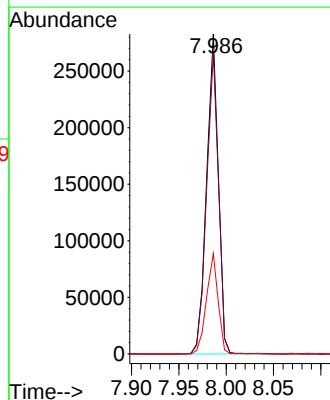
Tgt Ion:180 Resp: 243708

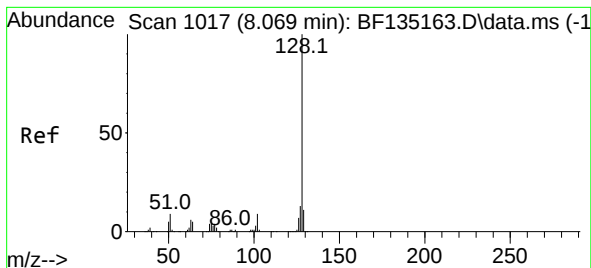
Ion Ratio Lower Upper

180 100

182 94.1 76.9 115.3

145 31.3 24.5 36.7





#31

Naphthalene

Concen: 49.072 ng

RT: 8.069 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MS

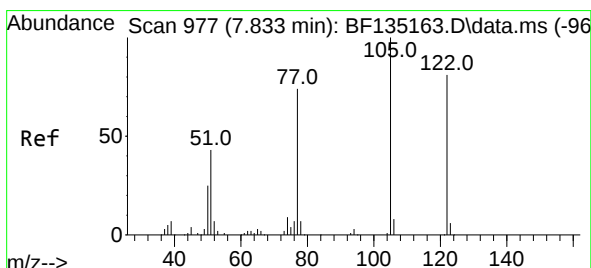
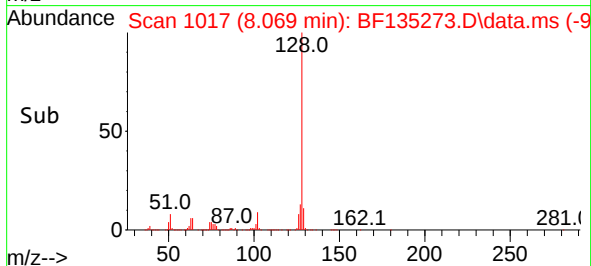
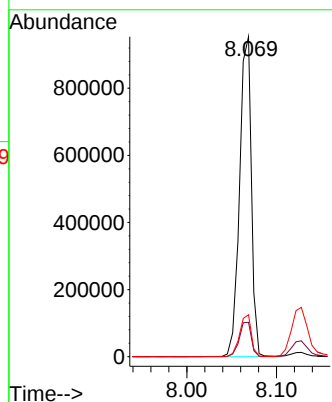
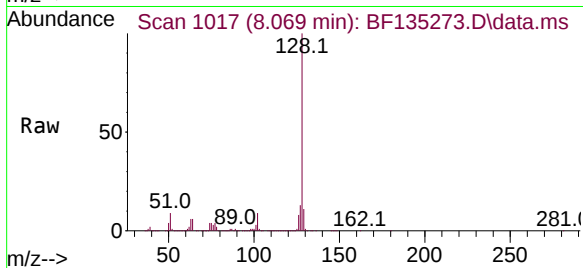
Tgt Ion:128 Resp: 871795

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

127 13.1 10.7 16.1



#32

Benzoic acid

Concen: 35.909 ng

RT: 7.828 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

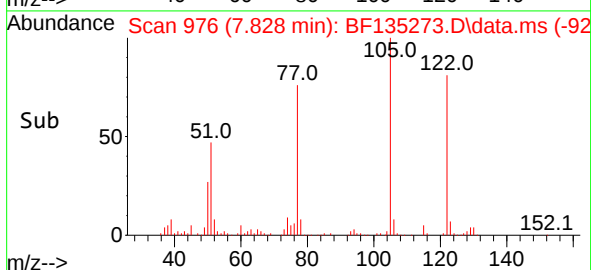
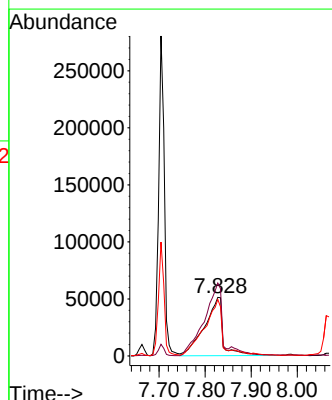
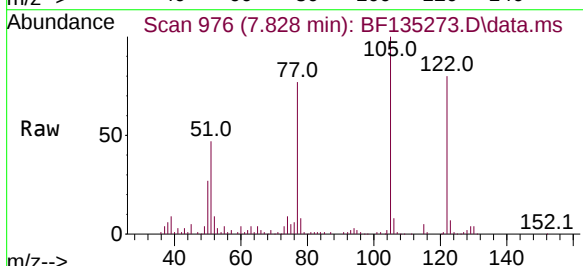
Tgt Ion:122 Resp: 145107

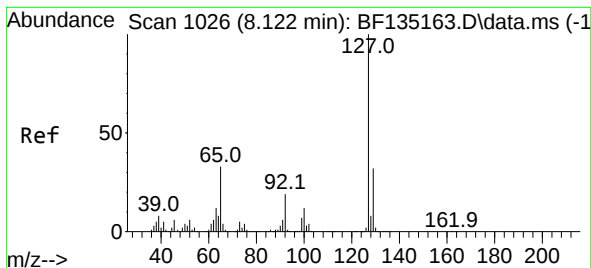
Ion Ratio Lower Upper

122 100

105 124.7 99.9 139.9

77 96.5 70.0 110.0





#33

4-Chloroaniline

Concen: 24.926 ng

RT: 8.128 min Scan# 1026

Delta R.T. 0.006 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MS

Tgt Ion:127 Resp: 194283

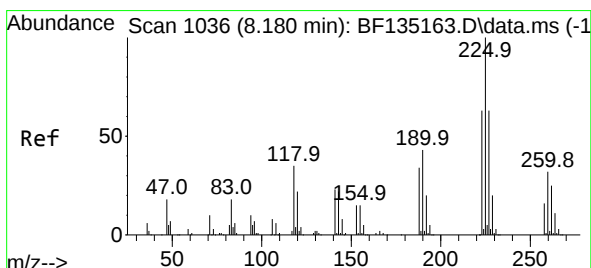
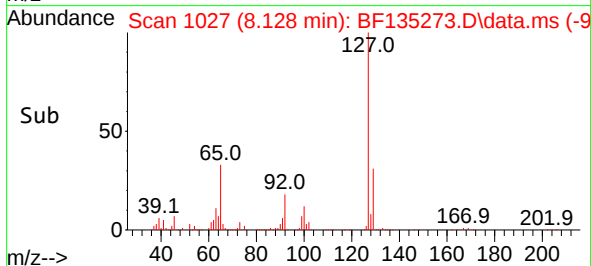
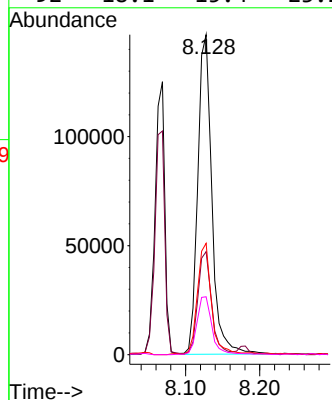
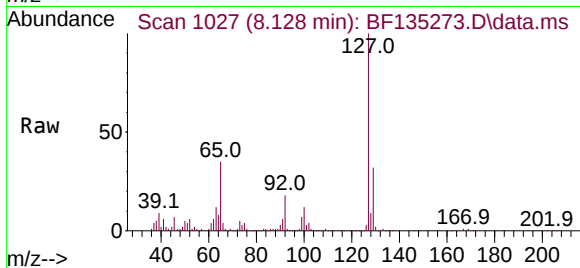
Ion Ratio Lower Upper

127 100

129 32.2 25.8 38.8

65 34.8 26.6 39.8

92 18.1 15.4 23.2



#34

Hexachlorobutadiene

Concen: 47.891 ng

RT: 8.181 min Scan# 1036

Delta R.T. 0.000 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

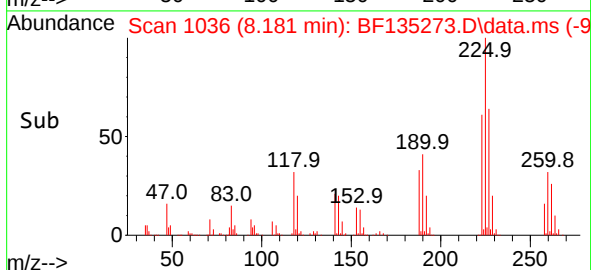
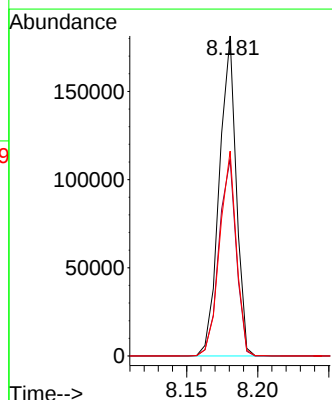
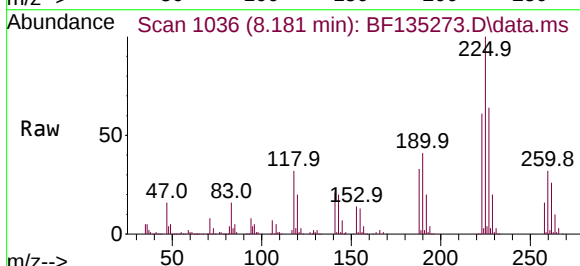
Tgt Ion:225 Resp: 150090

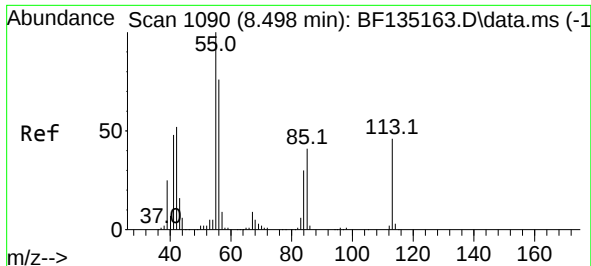
Ion Ratio Lower Upper

225 100

223 61.5 50.6 75.8

227 64.0 50.8 76.2

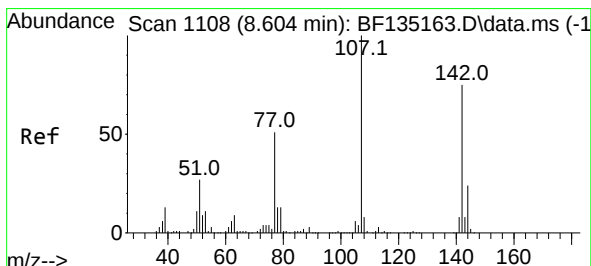
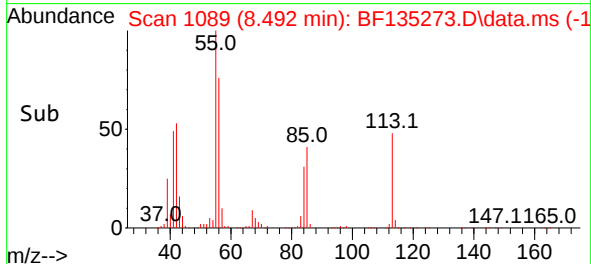
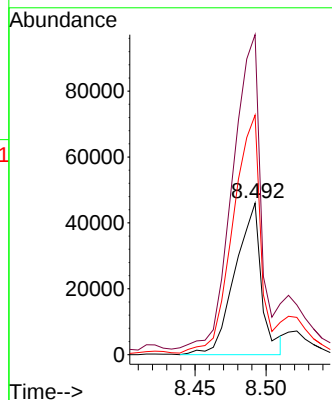
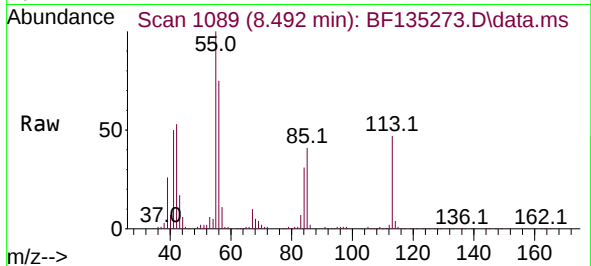




#35
 Caprolactam
 Concen: 35.868 ng
 RT: 8.492 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF135273.D
 Acq: 15 Sep 2023 01:23

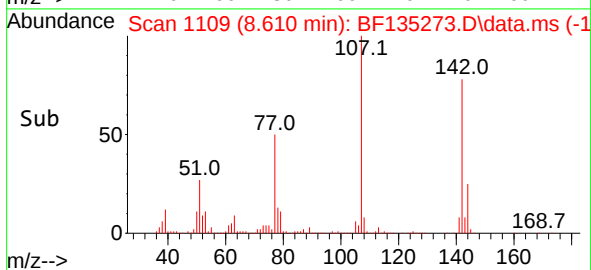
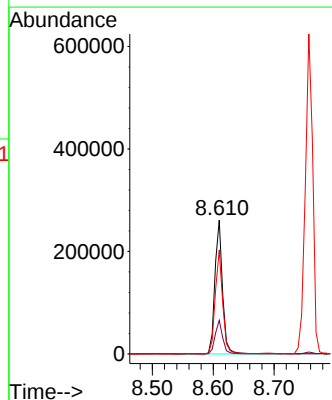
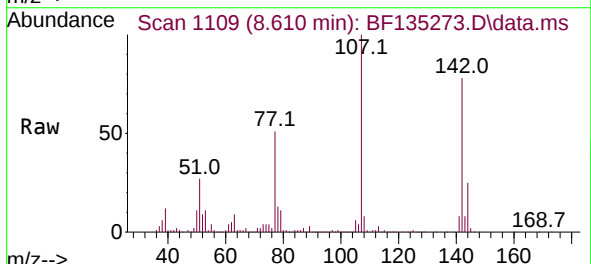
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-083023MS

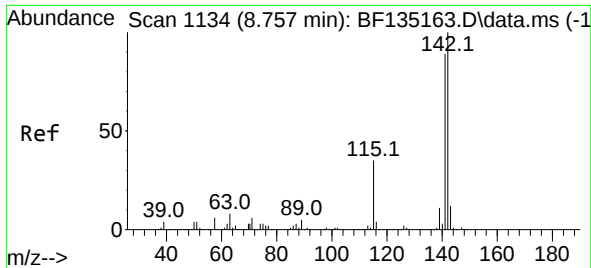
Tgt Ion:113 Resp: 59860
 Ion Ratio Lower Upper
 113 100
 55 211.2 199.3 239.3
 56 158.1 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 41.122 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF135273.D
 Acq: 15 Sep 2023 01:23

Tgt Ion:107 Resp: 227264
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.0 28.4
 142 77.7 60.2 90.2





#37

2-Methylnaphthalene

Concen: 44.161 ng

RT: 8.757 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

Instrument :

BNA_F

ClientSampleId :

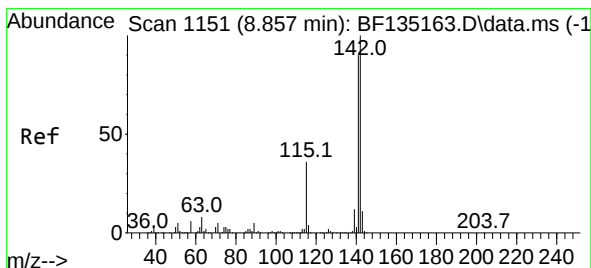
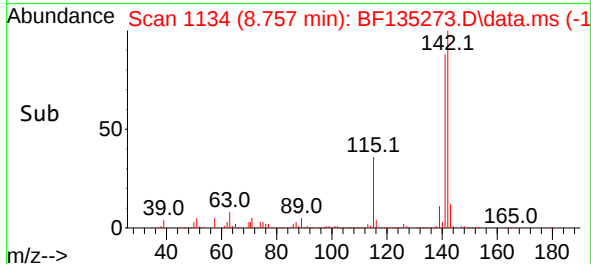
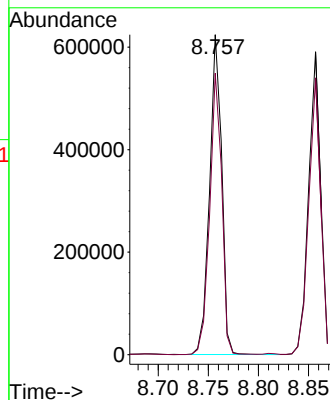
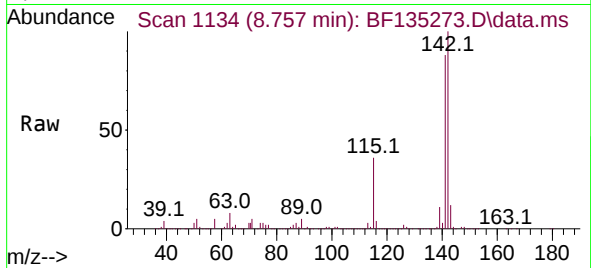
SU-02-083023MS

Tgt Ion:142 Resp: 527371

Ion Ratio Lower Upper

142 100

141 87.9 71.0 106.6



#38

1-Methylnaphthalene

Concen: 43.773 ng

RT: 8.857 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF135273.D

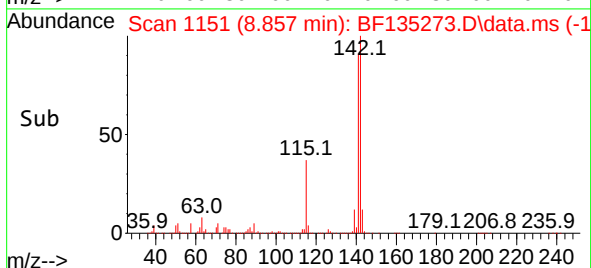
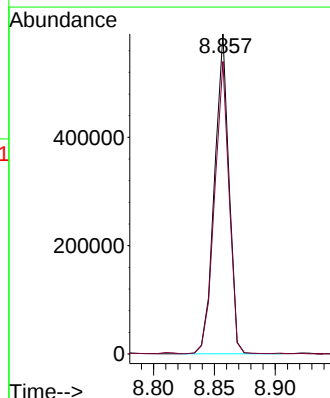
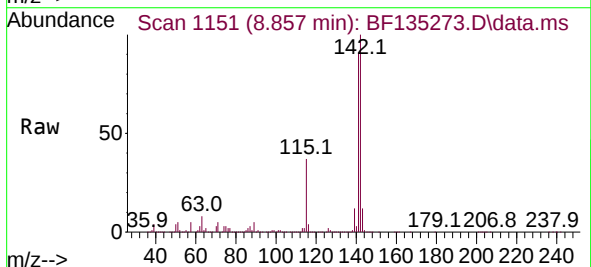
Acq: 15 Sep 2023 01:23

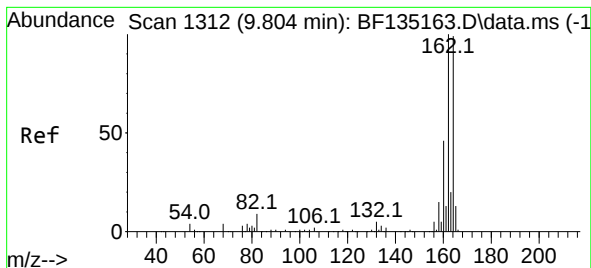
Tgt Ion:142 Resp: 489402

Ion Ratio Lower Upper

142 100

141 91.4 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.804 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MS

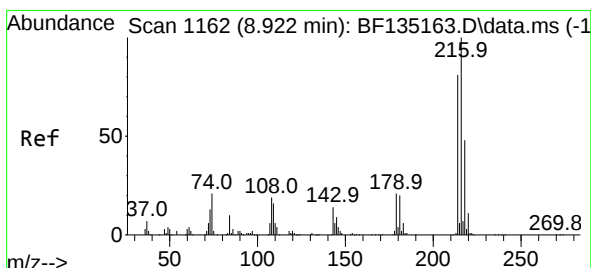
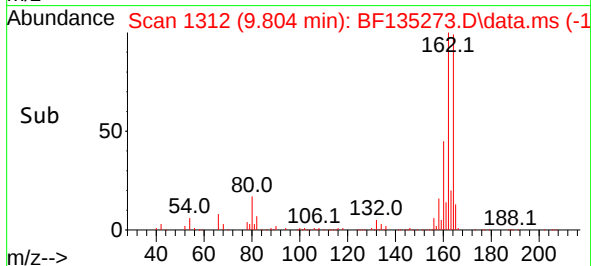
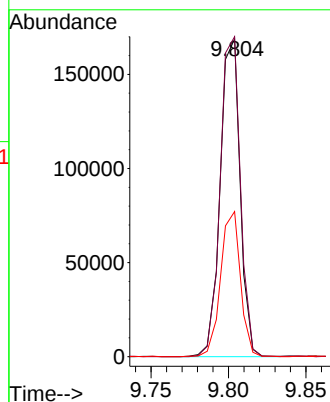
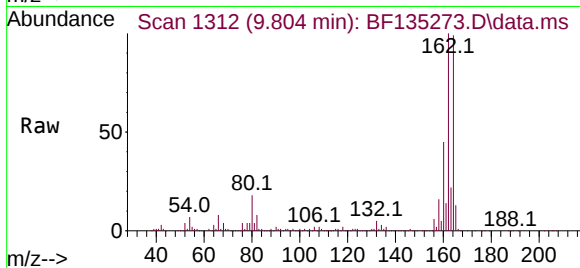
Tgt Ion:164 Resp: 150993

Ion Ratio Lower Upper

164 100

162 100.7 81.0 121.4

160 45.7 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.456 ng

RT: 8.922 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

Tgt Ion:216 Resp: 225090

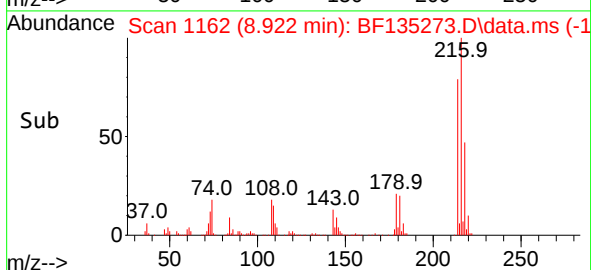
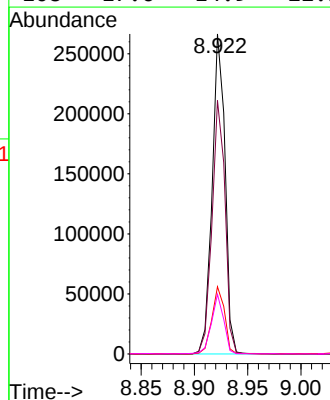
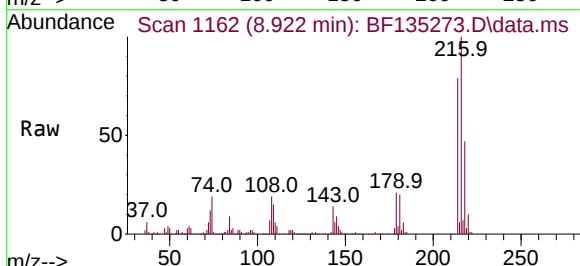
Ion Ratio Lower Upper

216 100

214 80.0 63.7 95.5

179 20.9 16.7 25.1

108 17.6 14.9 22.3

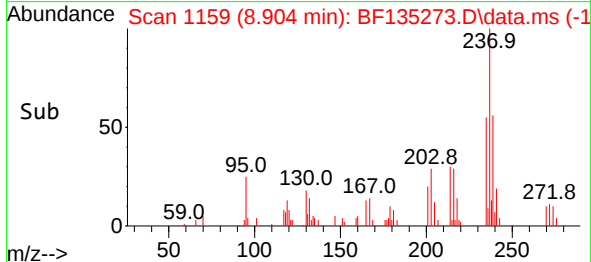
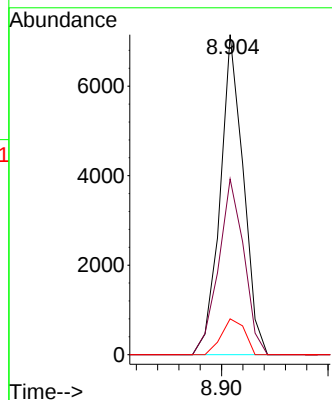
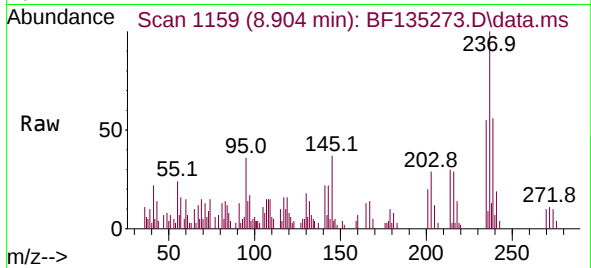




#41
Hexachlorocyclopentadiene
Concen: 9.926 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

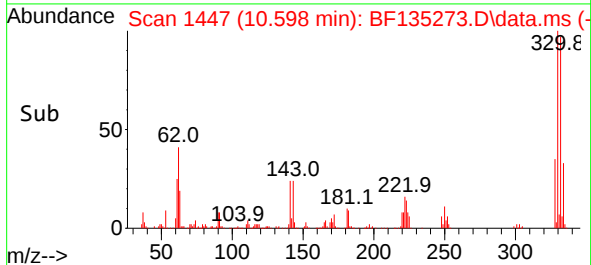
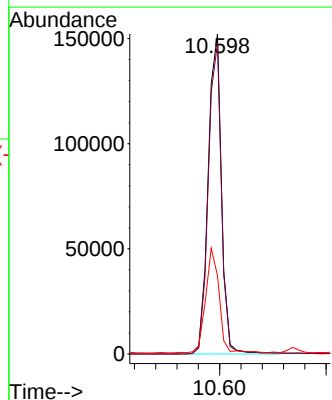
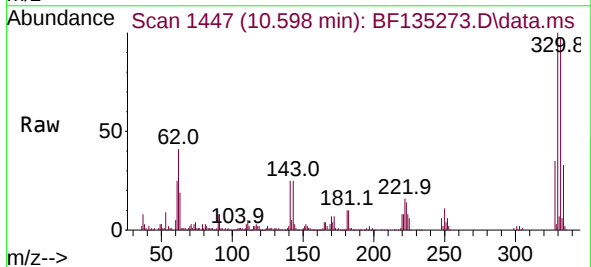
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MS

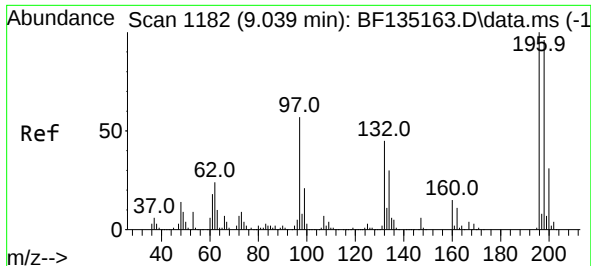
Tgt Ion:237	Resp:	5398
Ion Ratio	Lower	Upper
237	100	
235	54.9	41.8 81.8
272	11.2	0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 88.192 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

Tgt Ion:330	Resp:	132333
Ion Ratio	Lower	Upper
330	100	
332	96.9	77.3 115.9
141	33.1	25.8 38.8

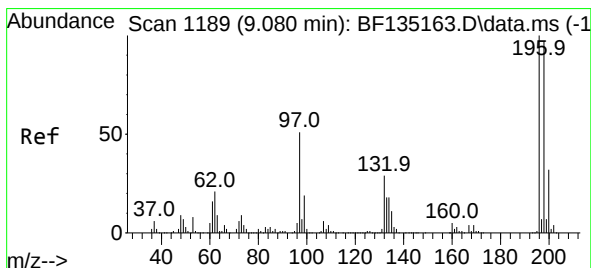
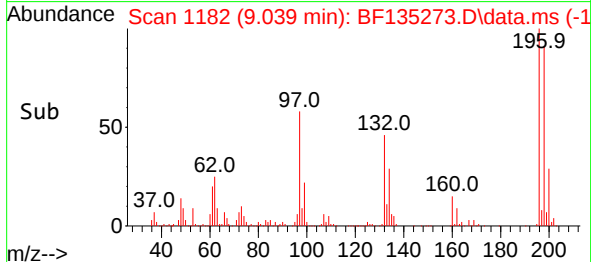
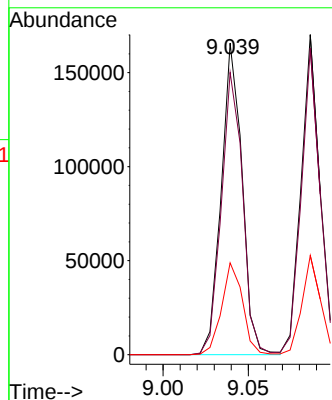
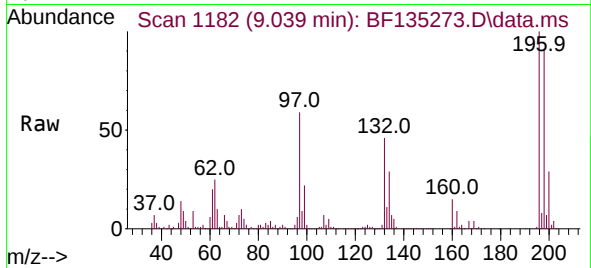




#43
2,4,6-Trichlorophenol
Concen: 49.159 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

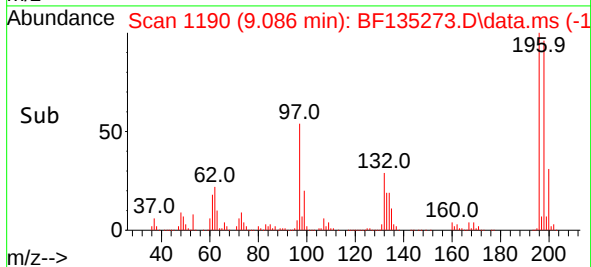
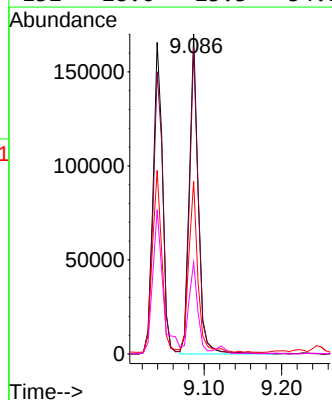
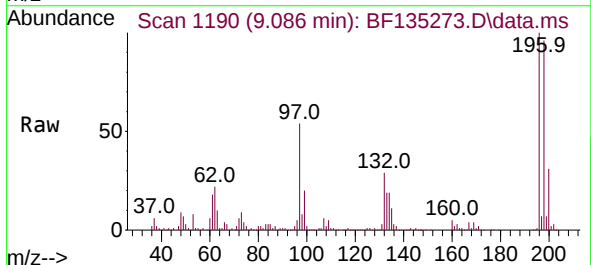
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MS

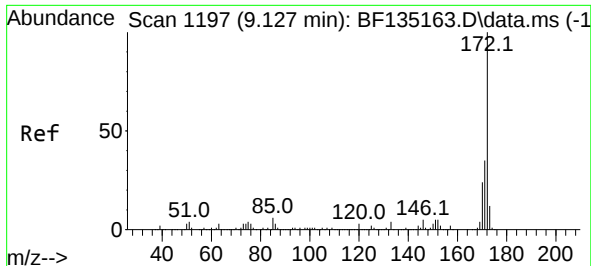
Tgt Ion:196 Resp: 140795
Ion Ratio Lower Upper
196 100
198 90.6 77.0 115.6
200 29.5 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 41.594 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

Tgt Ion:196 Resp: 137190
Ion Ratio Lower Upper
196 100
198 95.8 77.5 116.3
97 54.1 40.5 60.7
132 28.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 72.334 ng

RT: 9.122 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MS

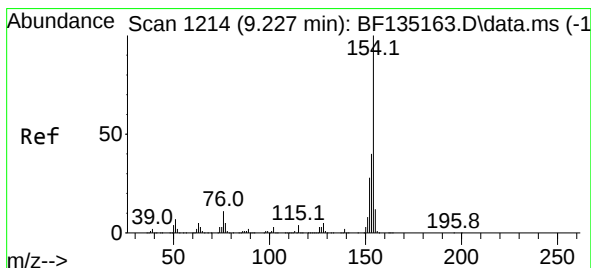
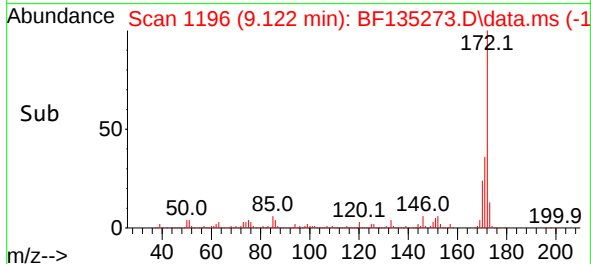
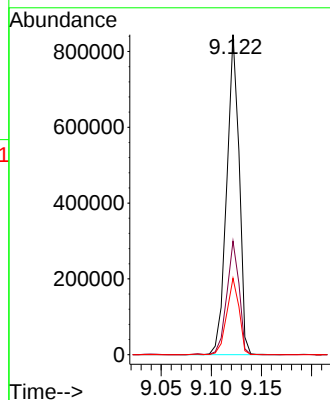
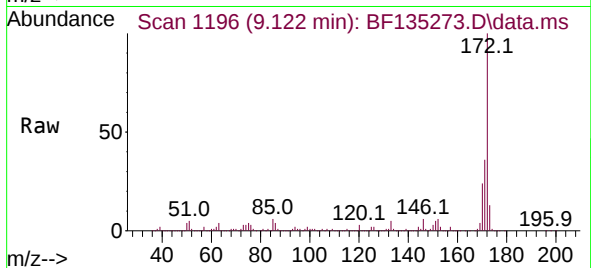
Tgt Ion:172 Resp: 723923

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.9 19.0 28.4



#46

1,1'-Biphenyl

Concen: 50.604 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

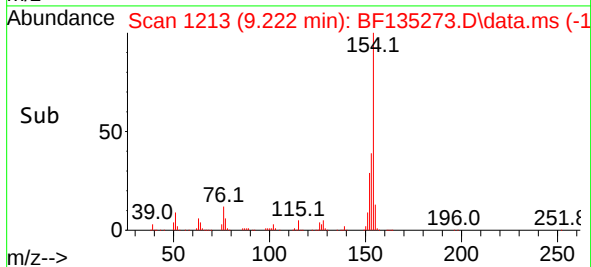
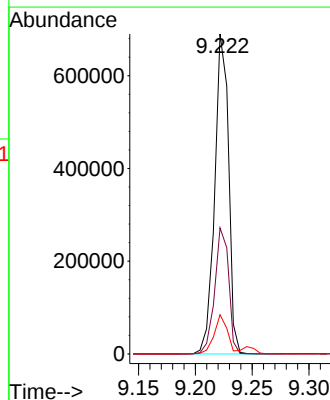
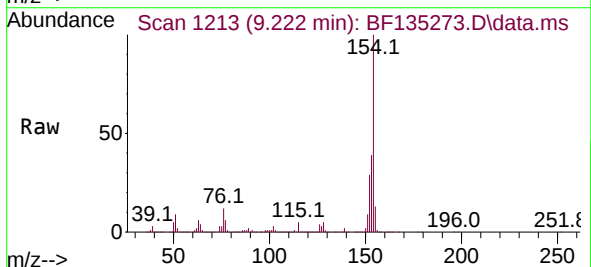
Tgt Ion:154 Resp: 587189

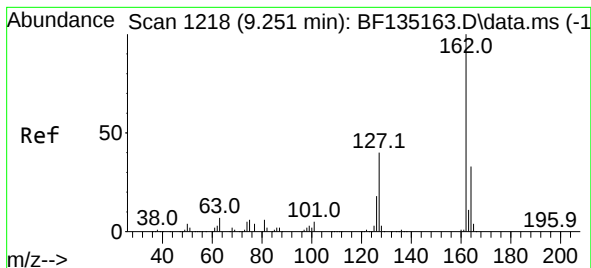
Ion Ratio Lower Upper

154 100

153 39.4 19.6 59.6

76 12.2 0.0 31.0





#47

2-Chloronaphthalene

Concen: 49.738 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MS

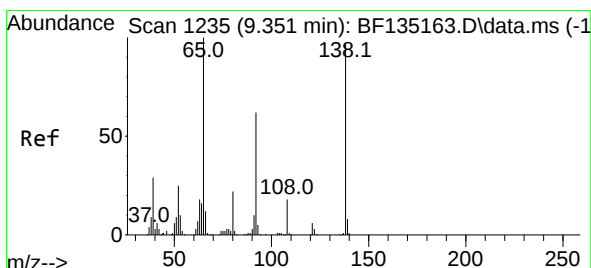
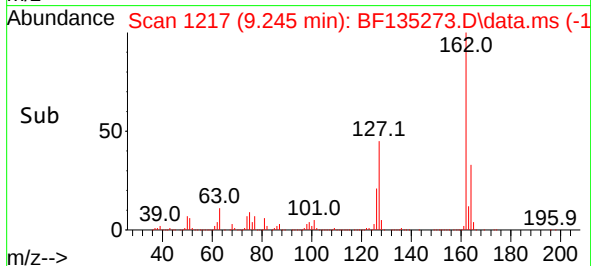
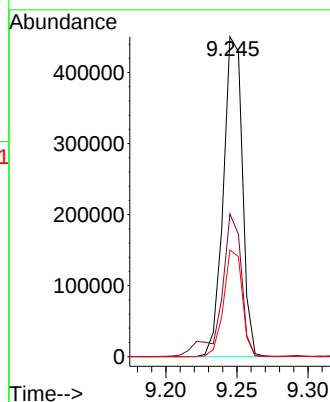
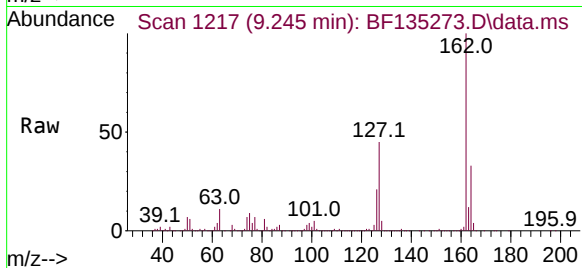
Tgt Ion:162 Resp: 418746

Ion Ratio Lower Upper

162 100

127 44.6 32.6 48.8

164 33.4 26.2 39.2



#48

2-Nitroaniline

Concen: 47.873 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

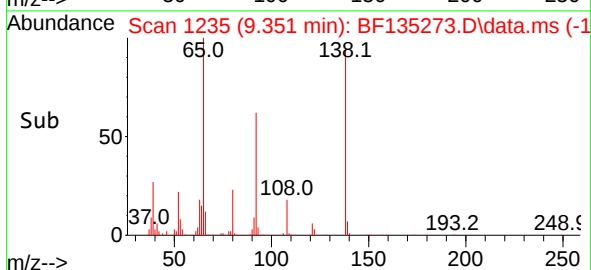
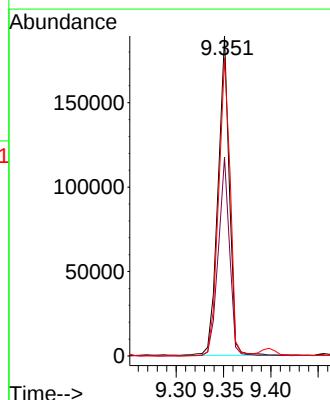
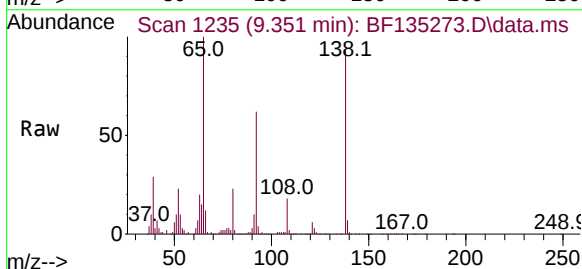
Tgt Ion: 65 Resp: 156582

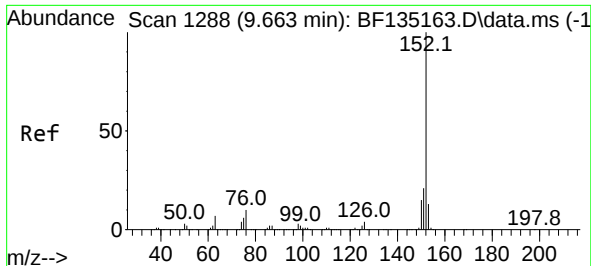
Ion Ratio Lower Upper

65 100

92 62.2 49.4 74.0

138 93.2 77.4 116.0





#49

Acenaphthylene

Concen: 48.676 ng

RT: 9.663 min Scan# 1288

Delta R.T. 0.000 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MS

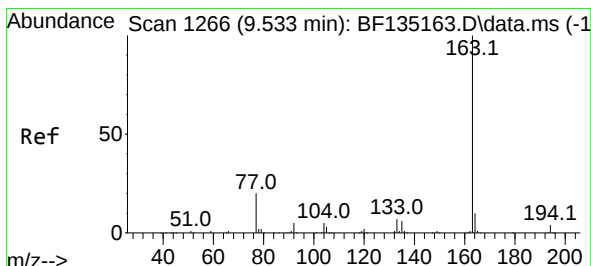
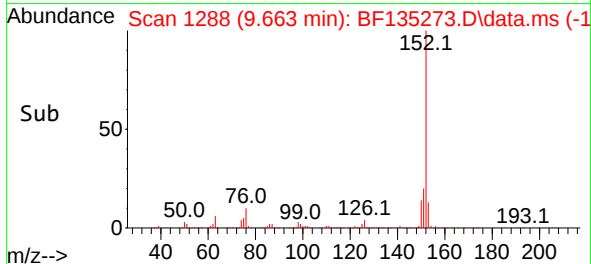
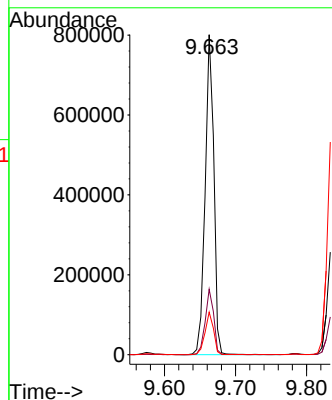
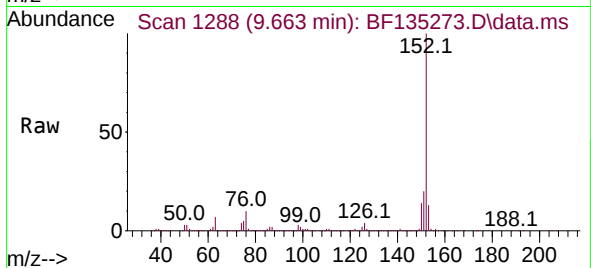
Tgt Ion:152 Resp: 681067

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

153 13.3 10.4 15.6



#50

Dimethylphthalate

Concen: 48.105 ng

RT: 9.527 min Scan# 1265

Delta R.T. -0.006 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

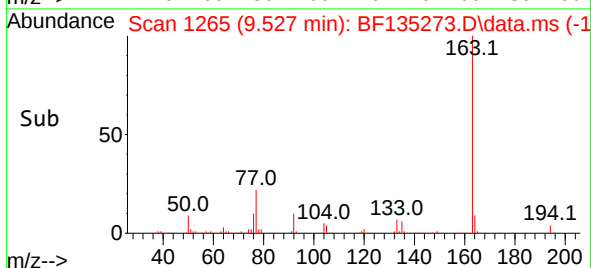
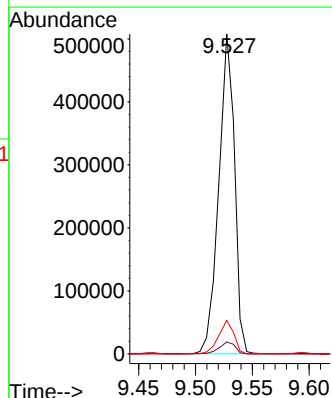
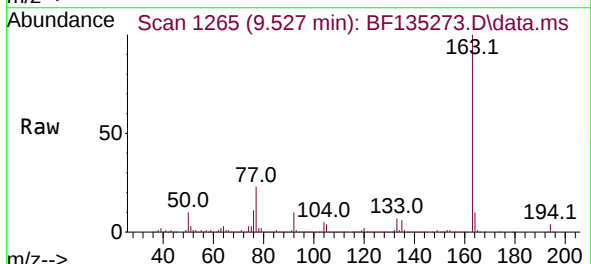
Tgt Ion:163 Resp: 491090

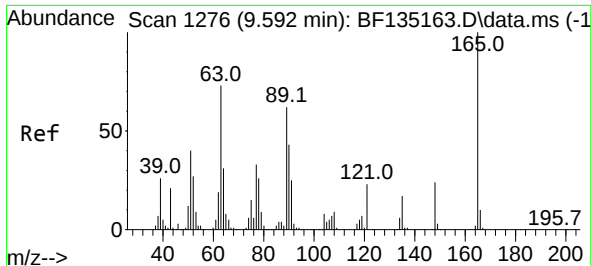
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.4 8.1 12.1

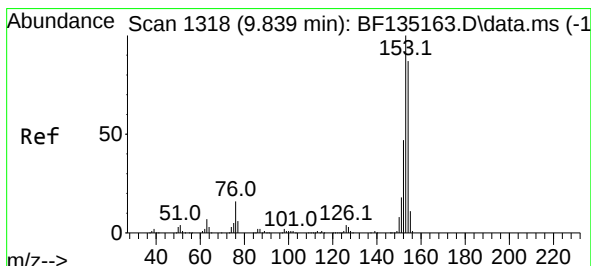
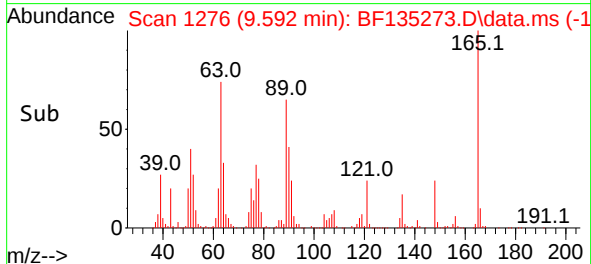
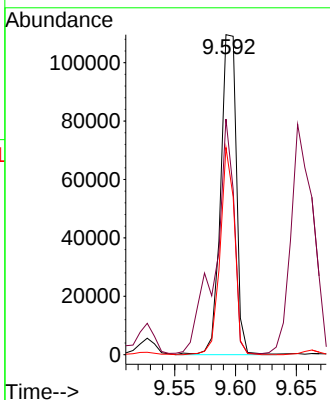
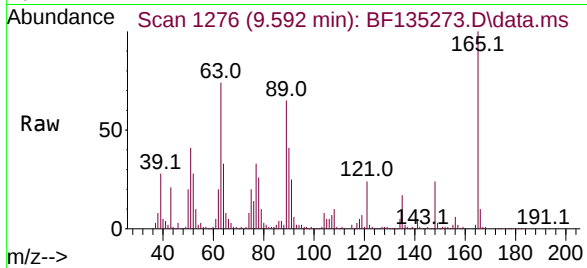




#51
2,6-Dinitrotoluene
Concen: 44.266 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

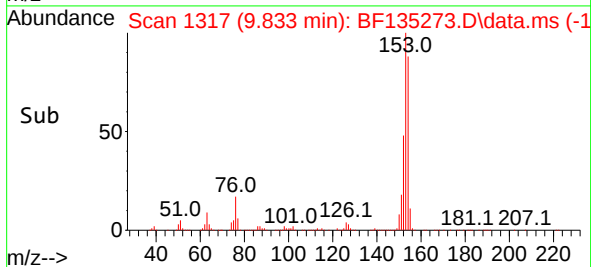
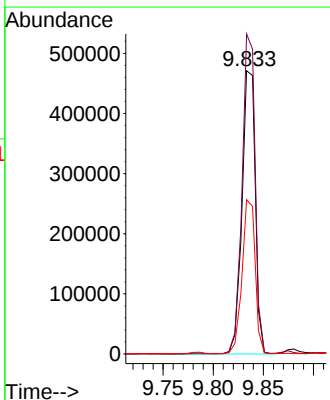
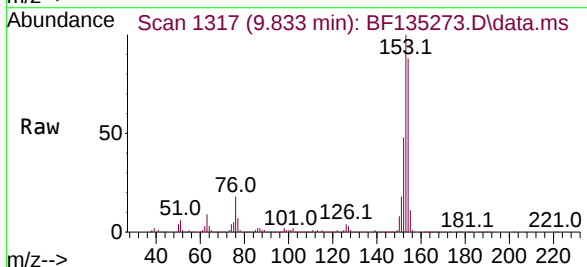
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MS

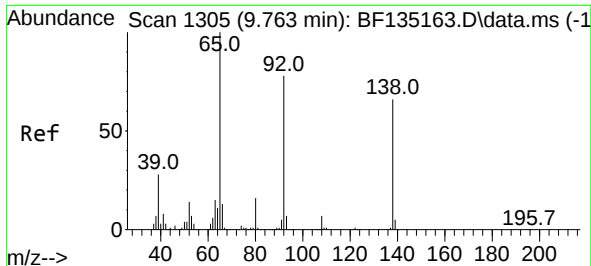
Tgt Ion:165 Resp: 98995
Ion Ratio Lower Upper
165 100
63 73.6 59.4 89.2
89 64.8 49.8 74.8



#52
Acenaphthene
Concen: 52.834 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

Tgt Ion:154 Resp: 436706
Ion Ratio Lower Upper
154 100
153 113.0 92.1 138.1
152 54.5 43.1 64.7

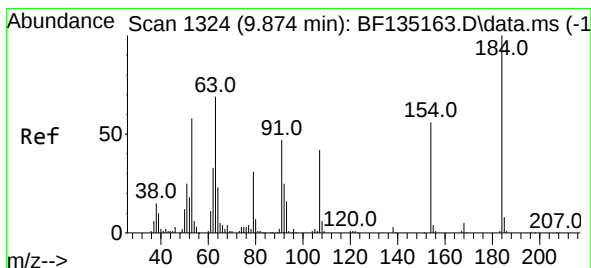
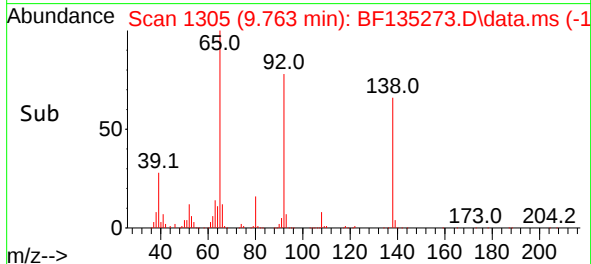
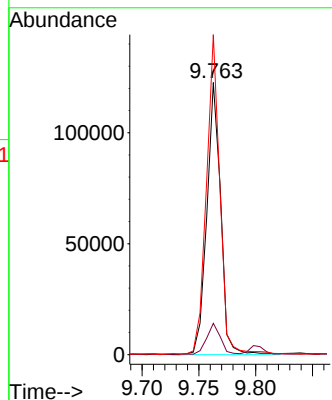
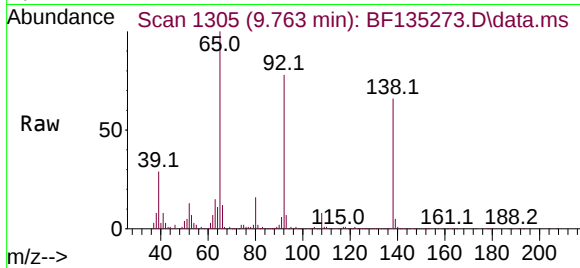




#53
3-Nitroaniline
Concen: 39.613 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

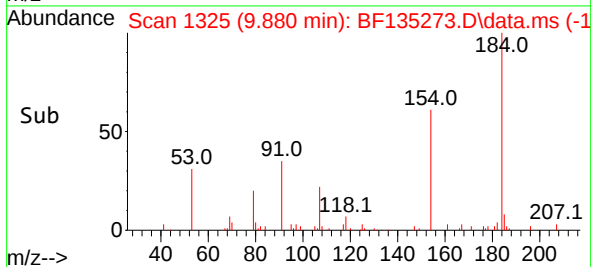
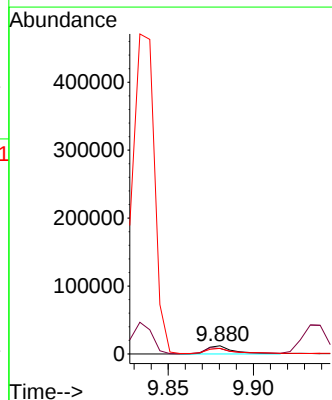
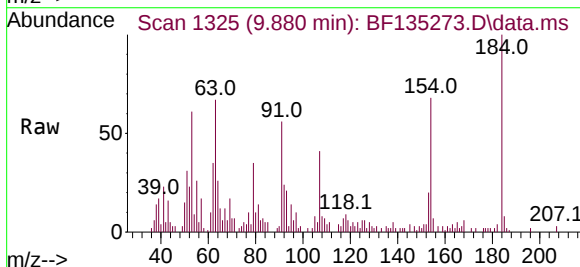
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MS

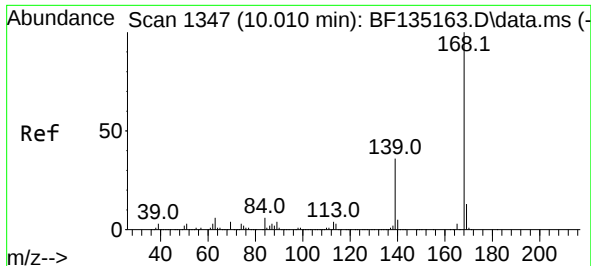
Tgt Ion:138 Resp: 103989
Ion Ratio Lower Upper
138 100
108 11.5 8.5 12.7
92 117.6 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 15.606 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

Tgt Ion:184 Resp: 12888
Ion Ratio Lower Upper
184 100
63 67.2 55.1 82.7
154 68.3 48.4 72.6

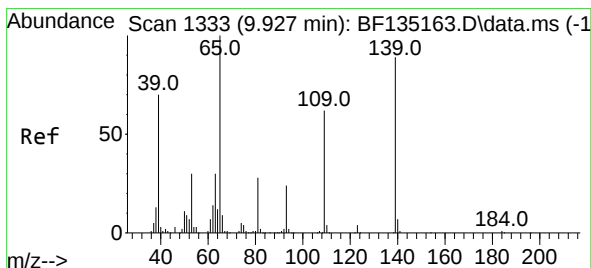
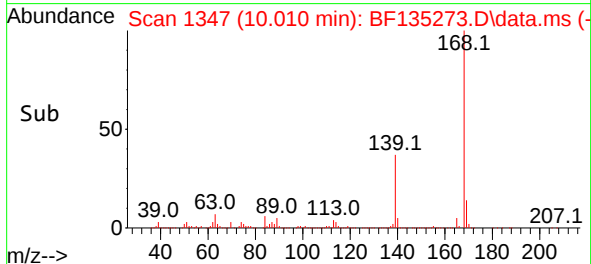
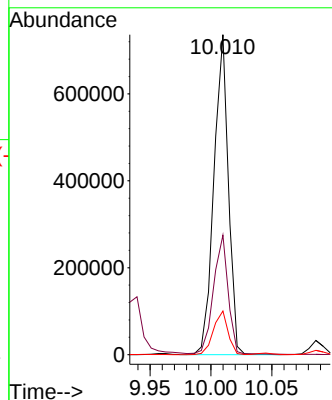
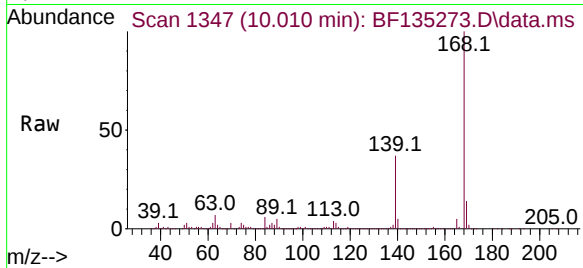




#55
Dibenzofuran
Concen: 48.311 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

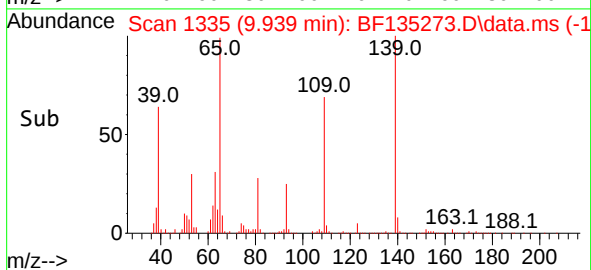
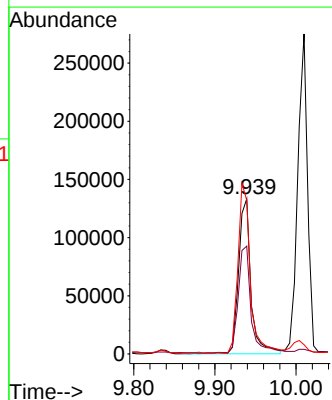
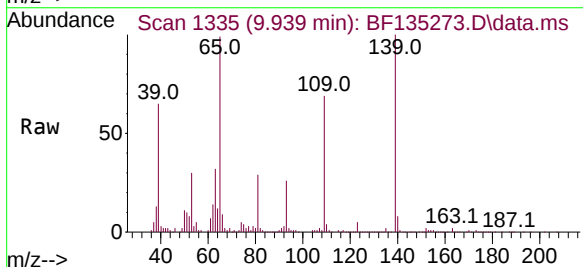
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MS

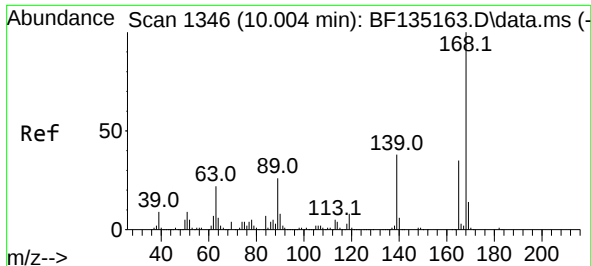
Tgt Ion:168 Resp: 609362
Ion Ratio Lower Upper
168 100
139 37.4 29.0 43.6
169 13.7 10.4 15.6



#56
4-Nitrophenol
Concen: 83.872 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

Tgt Ion:139 Resp: 139932
Ion Ratio Lower Upper
139 100
109 69.5 49.8 89.8
65 98.9 92.7 132.7

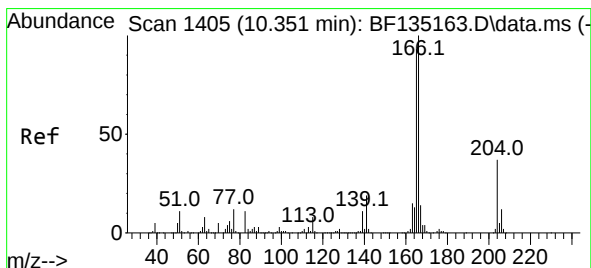
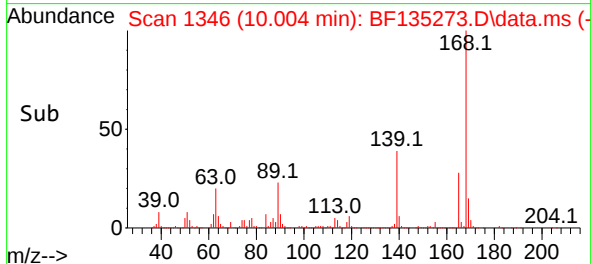
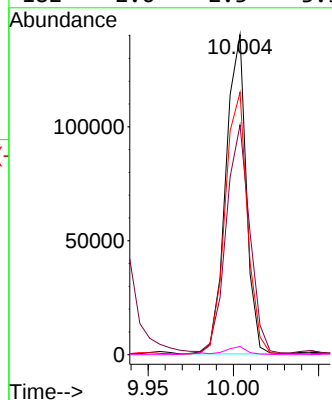
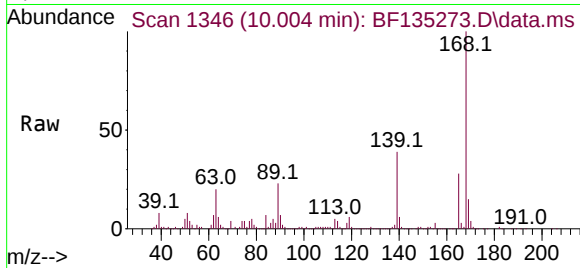




#57
2,4-Dinitrotoluene
Concen: 41.654 ng
RT: 10.004 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

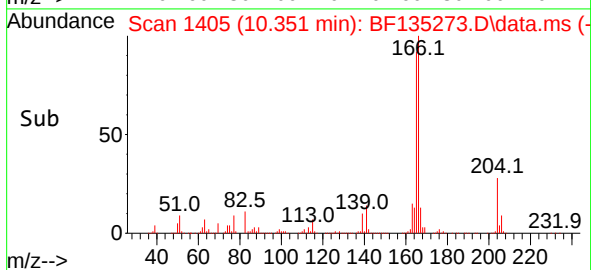
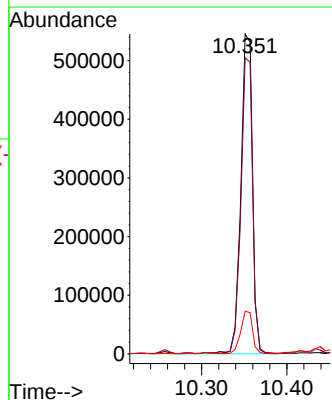
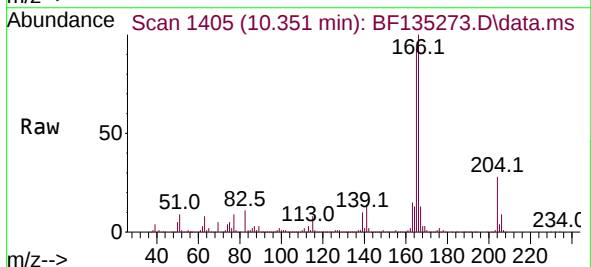
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MS

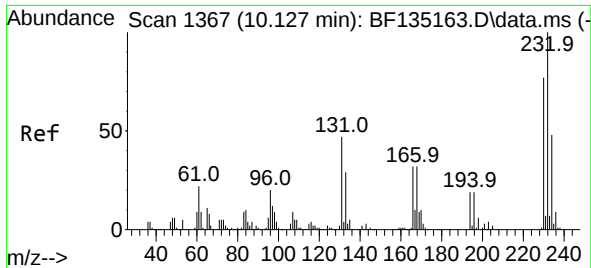
Tgt Ion:	165	Resp:	116622
Ion	Ratio	Lower	Upper
165	100		
63	71.8	50.1	75.1
89	82.0	59.3	88.9
182	2.6	2.3	3.5



#58
Fluorene
Concen: 53.376 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

Tgt Ion:	166	Resp:	517564
Ion	Ratio	Lower	Upper
166	100		
165	92.6	74.3	111.5
167	13.3	10.9	16.3

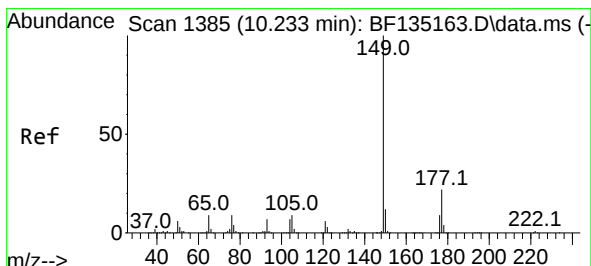
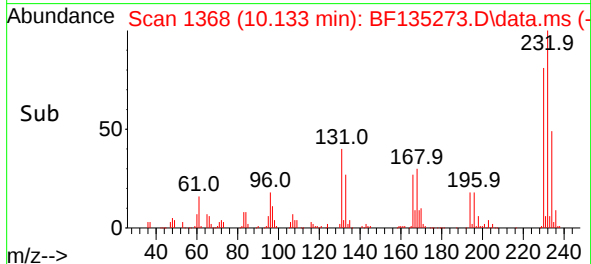
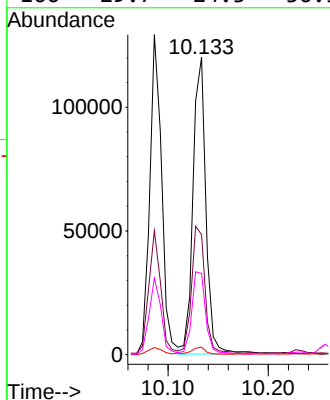
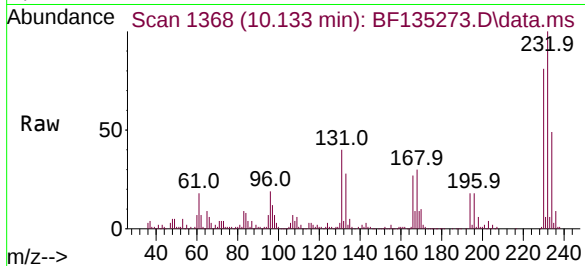




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.162 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

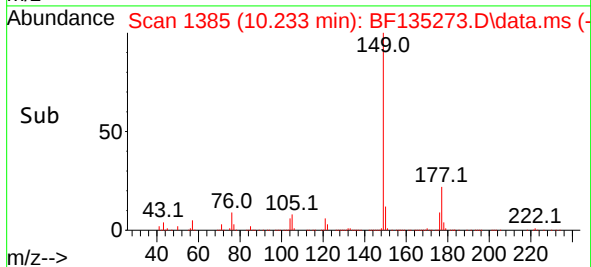
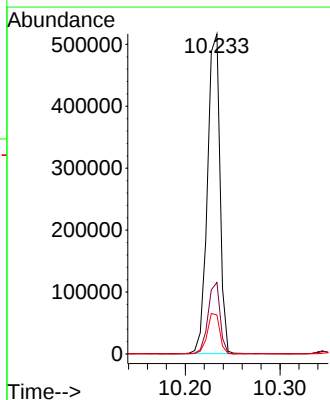
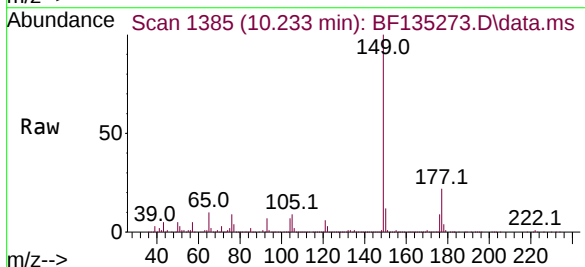
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MS

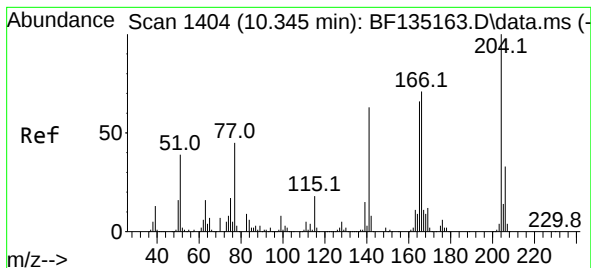
Tgt Ion:232 Resp: 106973
Ion Ratio Lower Upper
232 100
131 45.2 35.4 53.2
130 2.6 1.8 2.8
166 29.7 24.3 36.5



#60
Diethylphthalate
Concen: 46.102 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

Tgt Ion:149 Resp: 472332
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.6
150 12.2 10.0 15.0

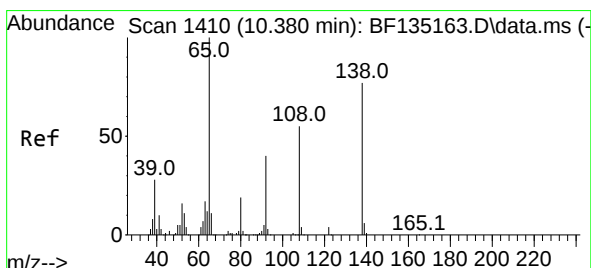
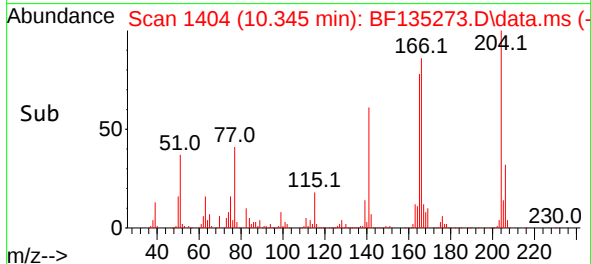
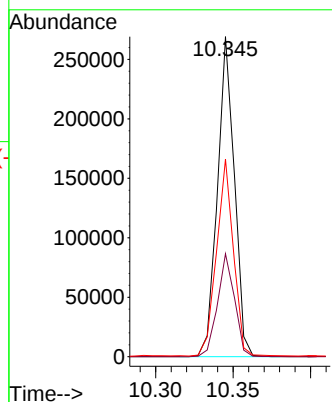
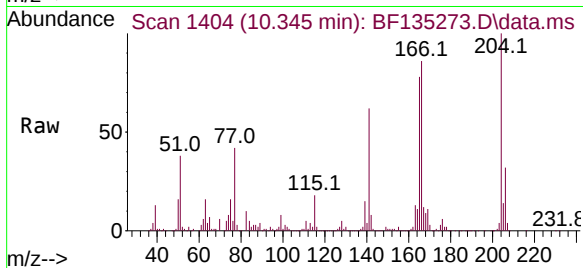




#61
4-Chlorophenyl-phenylether
Concen: 43.929 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

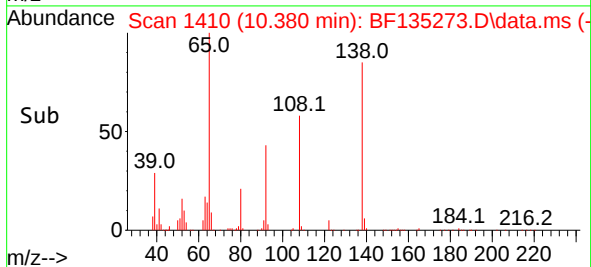
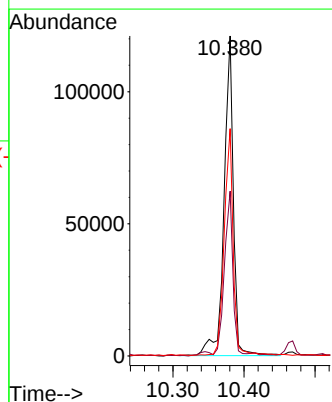
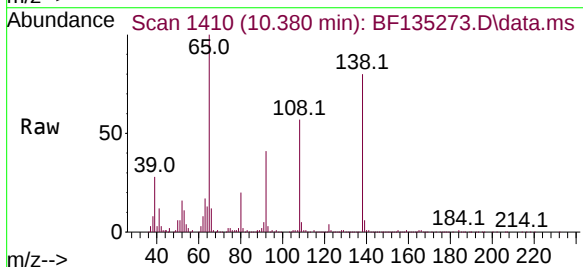
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MS

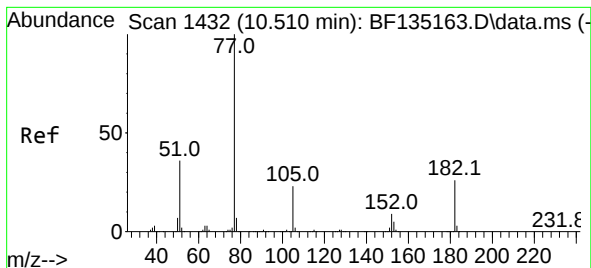
Tgt Ion:204 Resp: 204618
Ion Ratio Lower Upper
204 100
206 32.1 26.7 40.1
141 61.8 50.6 75.8



#62
4-Nitroaniline
Concen: 43.464 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

Tgt Ion:138 Resp: 109677
Ion Ratio Lower Upper
138 100
92 51.5 31.8 71.8
108 71.1 52.0 92.0





#63

Azobenzene

Concen: 43.658 ng

RT: 10.504 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MS

Tgt Ion: 77 Resp: 437762

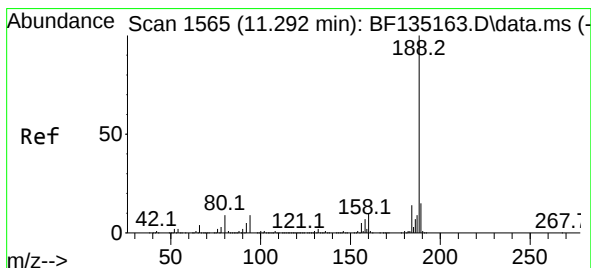
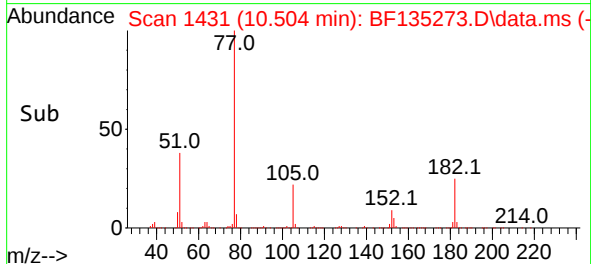
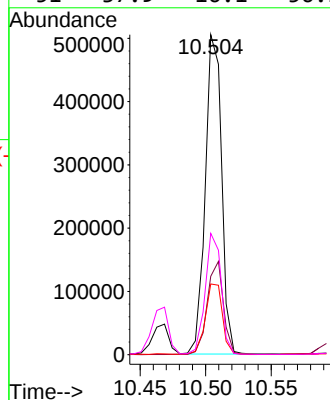
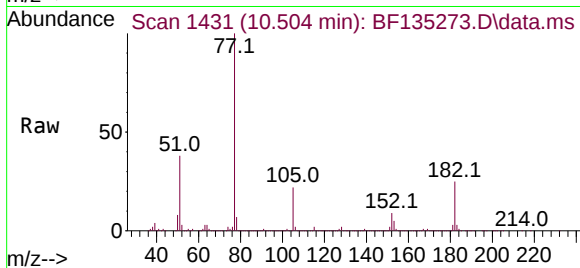
Ion Ratio Lower Upper

77 100

182 24.5 6.4 46.4

105 22.1 3.1 43.1

51 37.9 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.292 min Scan# 1565

Delta R.T. 0.000 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

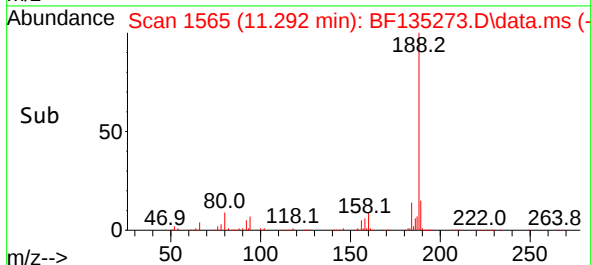
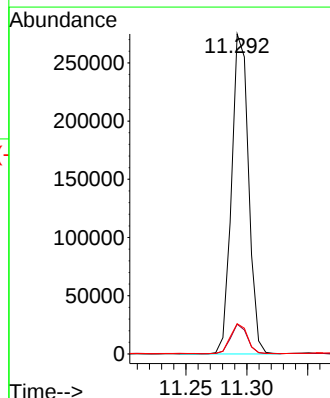
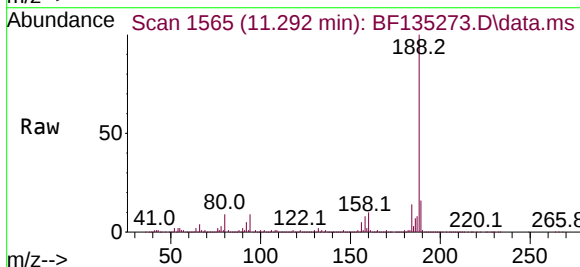
Tgt Ion: 188 Resp: 267130

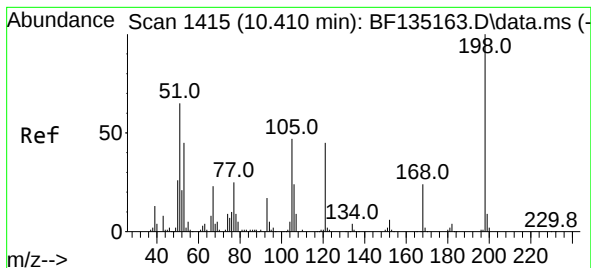
Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.6

80 9.5 7.5 11.3

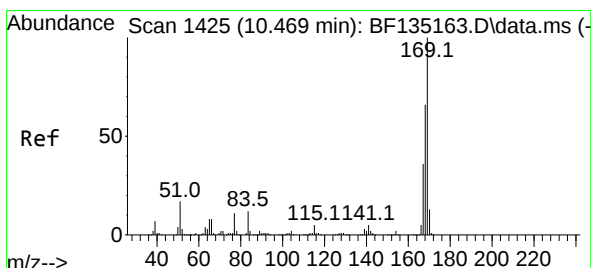
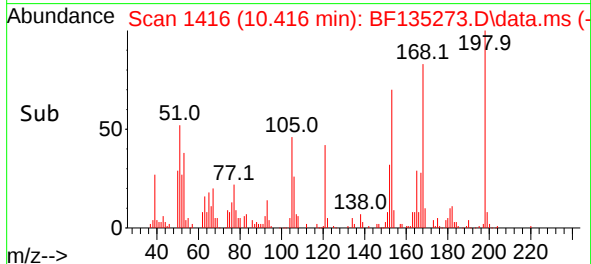
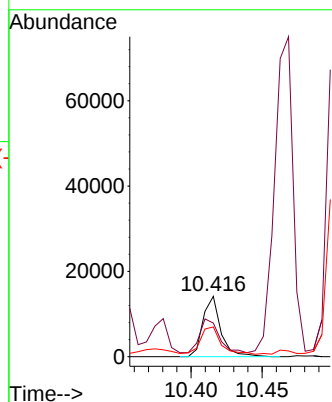
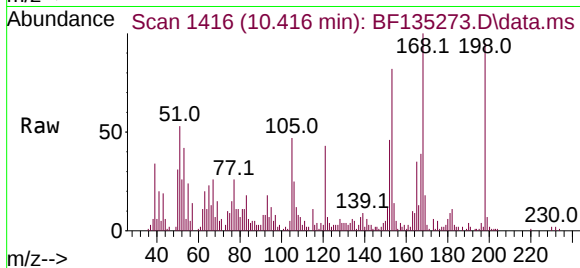




#65
4,6-Dinitro-2-methylphenol
Concen: 8.704 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

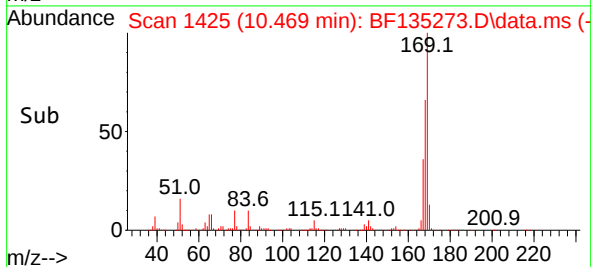
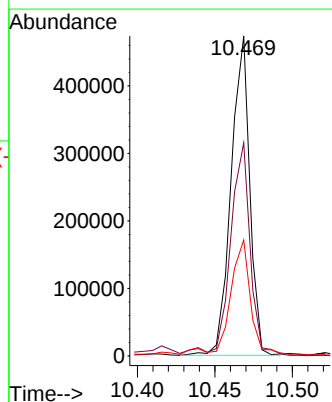
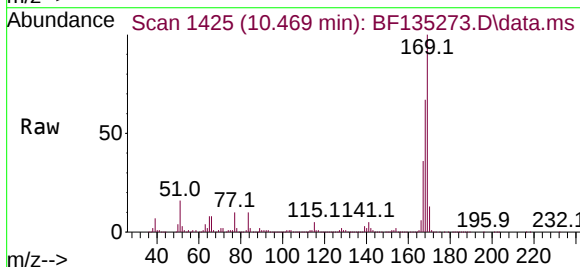
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MS

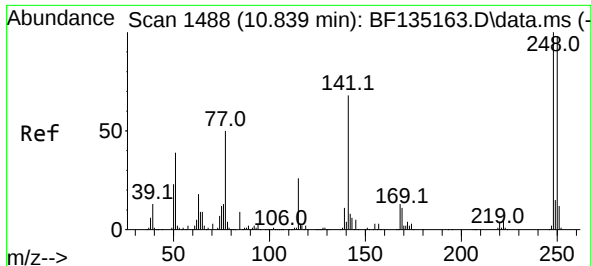
Tgt Ion:198 Resp: 12350
Ion Ratio Lower Upper
198 100
51 55.5 47.7 87.7
105 49.2 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 48.950 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

Tgt Ion:169 Resp: 395874
Ion Ratio Lower Upper
169 100
168 66.6 52.8 79.2
167 36.3 29.0 43.6

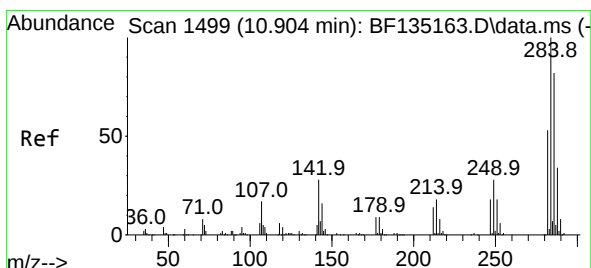
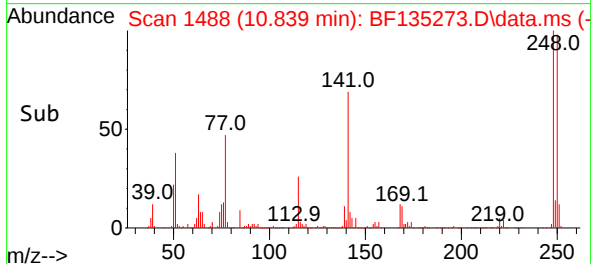
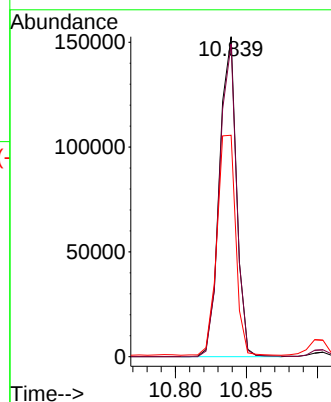
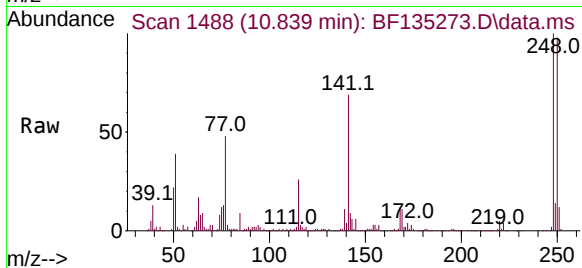




#67
4-Bromophenyl-phenylether
Concen: 47.734 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

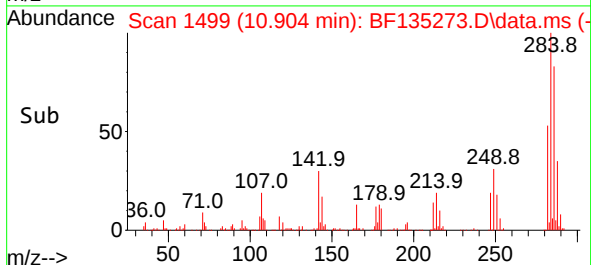
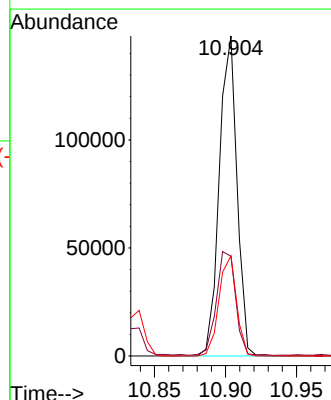
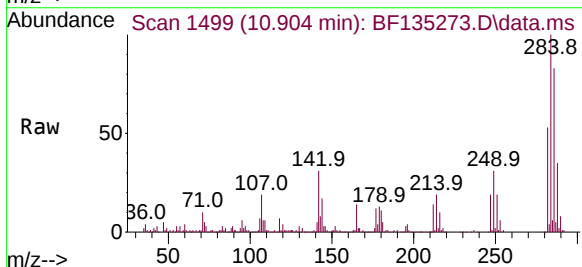
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MS

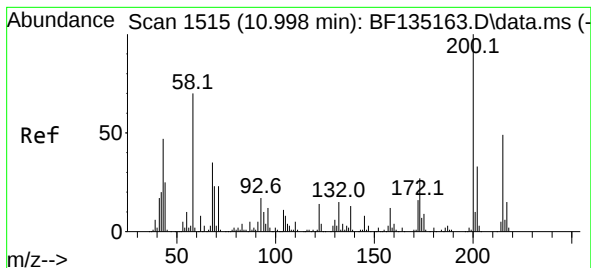
Tgt Ion:248 Resp: 126821
Ion Ratio Lower Upper
248 100
250 97.7 78.6 117.8
141 69.2 54.2 81.2



#68
Hexachlorobenzene
Concen: 47.227 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

Tgt Ion:284 Resp: 127828
Ion Ratio Lower Upper
284 100
142 31.1 22.2 33.4
249 31.3 22.5 33.7





#69

Atrazine

Concen: 52.953 ng

RT: 11.004 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MS

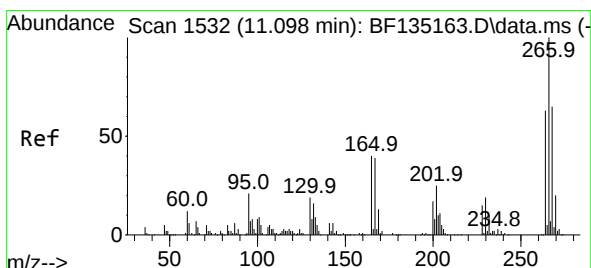
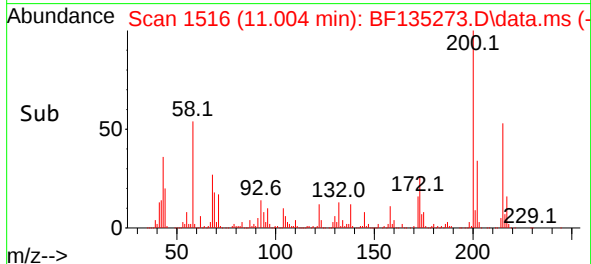
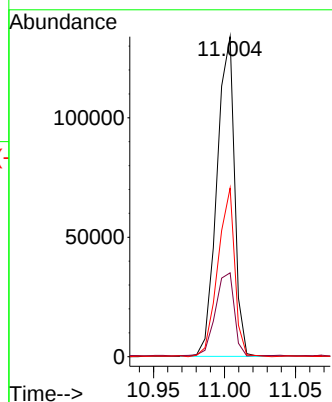
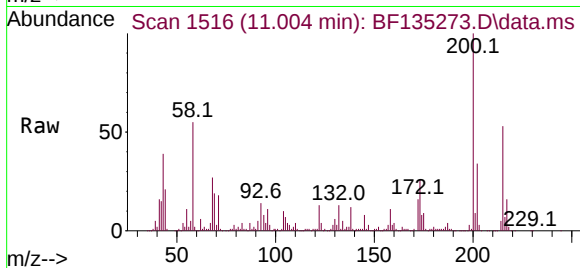
Tgt Ion:200 Resp: 115229

Ion Ratio Lower Upper

200 100

173 26.2 7.4 47.4

215 52.7 28.6 68.6



#70

Pentachlorophenol

Concen: 72.665 ng

RT: 11.104 min Scan# 1533

Delta R.T. 0.006 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

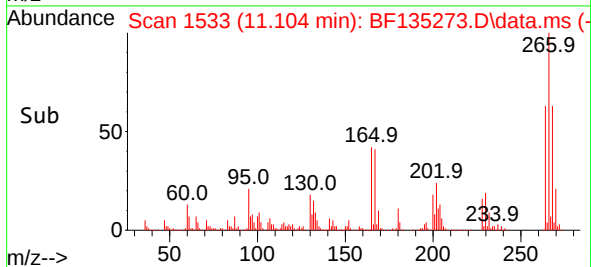
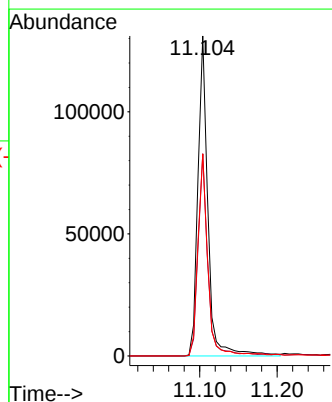
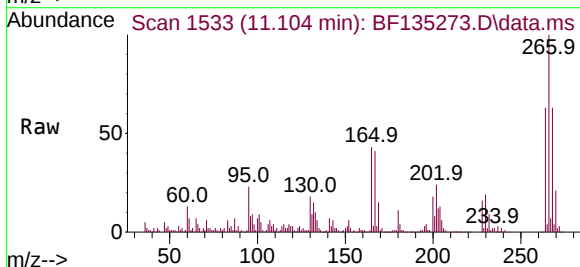
Tgt Ion:266 Resp: 117674

Ion Ratio Lower Upper

266 100

268 63.2 52.1 78.1

264 63.2 50.8 76.2





#71

Phenanthrene

Concen: 94.492 ng

RT: 11.321 min Scan# 1570

Delta R.T. 0.000 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MS

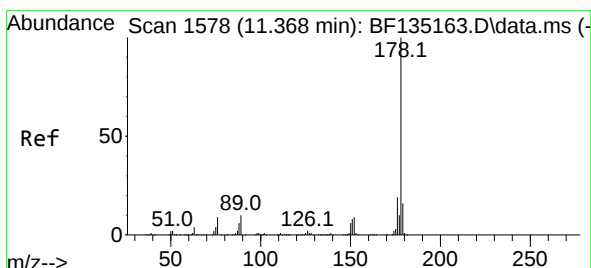
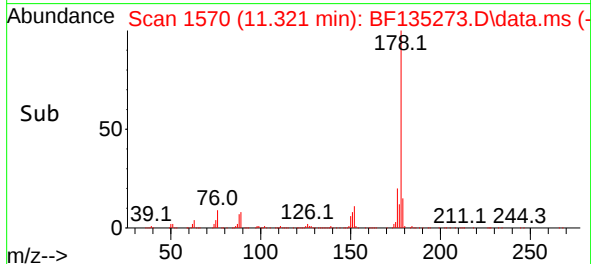
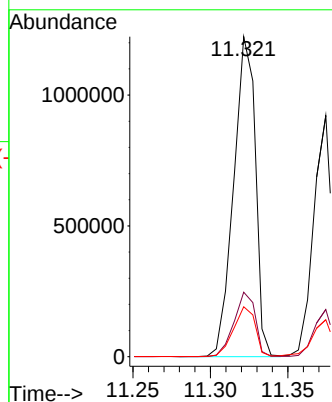
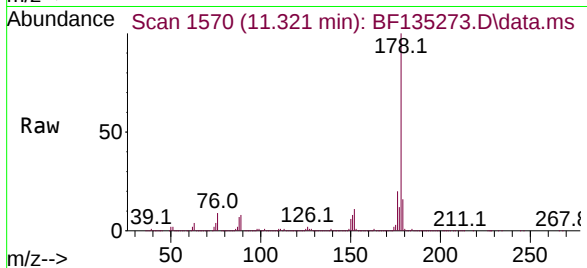
Tgt Ion:178 Resp: 1193826

Ion Ratio Lower Upper

178 100

176 20.2 15.6 23.4

179 15.6 12.0 18.0



#72

Anthracene

Concen: 59.572 ng

RT: 11.374 min Scan# 1579

Delta R.T. 0.006 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

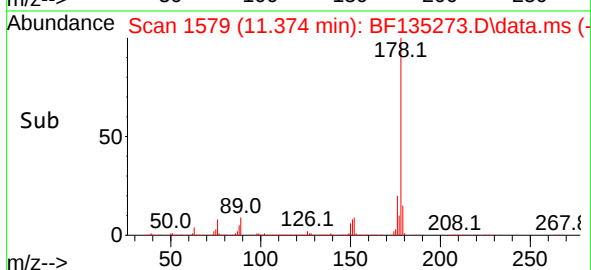
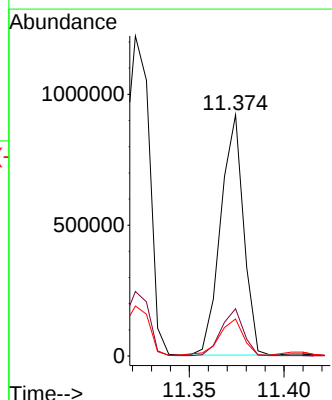
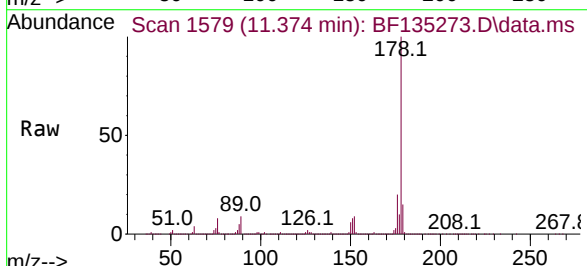
Tgt Ion:178 Resp: 773628

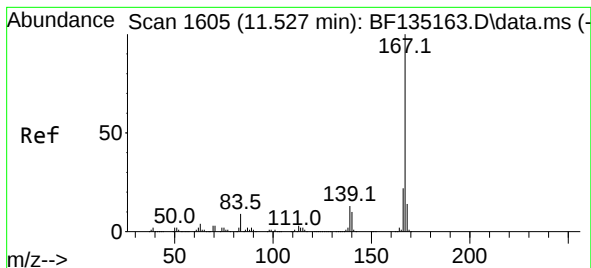
Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

179 15.3 12.6 19.0





#73

Carbazole

Concen: 51.351 ng

RT: 11.533 min Scan# 1606

Delta R.T. 0.006 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MS

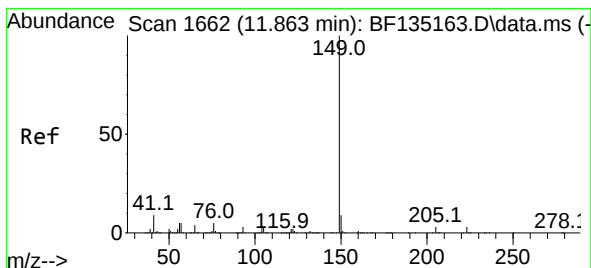
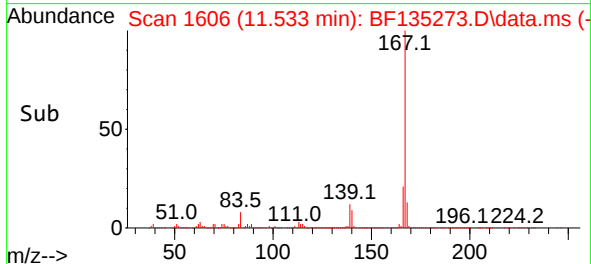
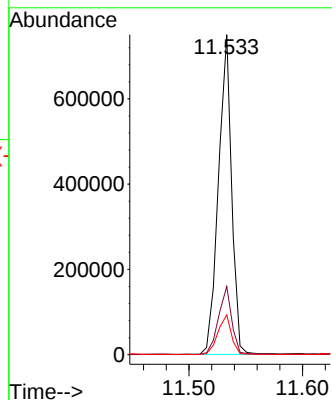
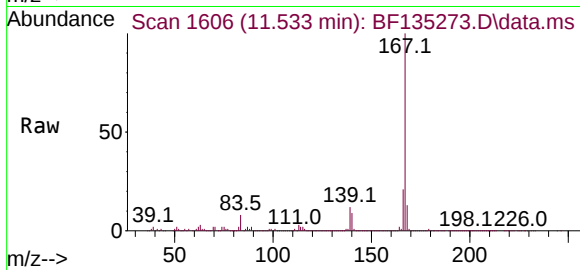
Tgt Ion:167 Resp: 607071

Ion Ratio Lower Upper

167 100

166 21.3 17.4 26.0

139 12.5 10.6 15.8



#74

Di-n-butylphthalate

Concen: 49.765 ng

RT: 11.868 min Scan# 1663

Delta R.T. 0.006 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

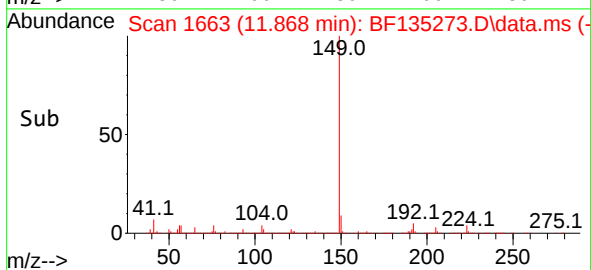
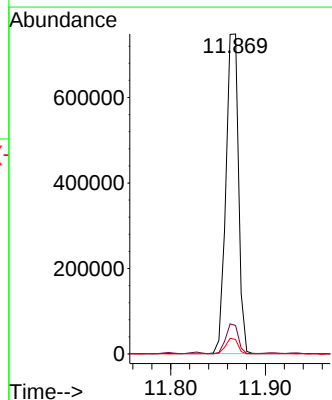
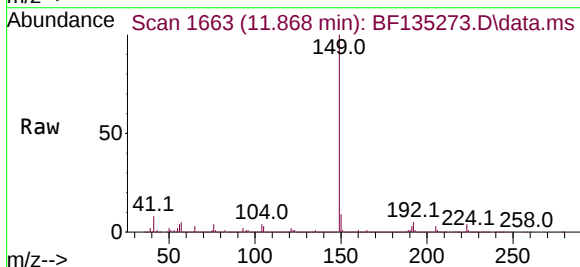
Tgt Ion:149 Resp: 693235

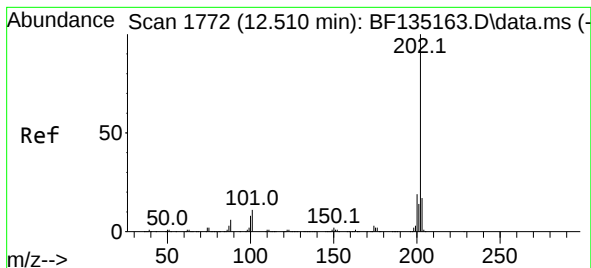
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

104 4.5 3.6 5.4





#75

Fluoranthene

Concen: 120.556 ng

RT: 12.521 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MS

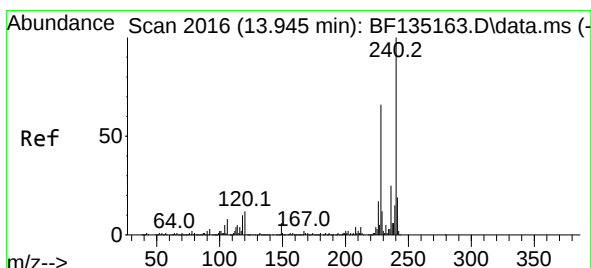
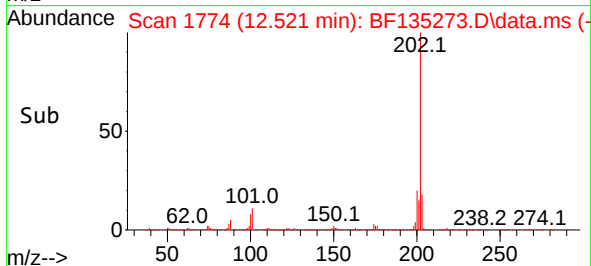
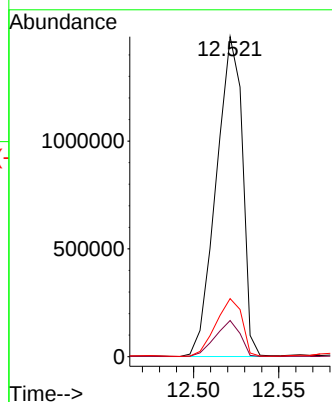
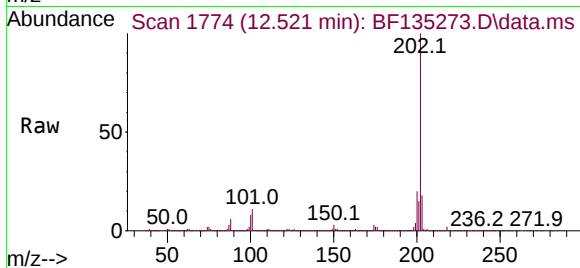
Tgt Ion:202 Resp: 1587067

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.3

203 18.2 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 2019

Delta R.T. 0.018 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

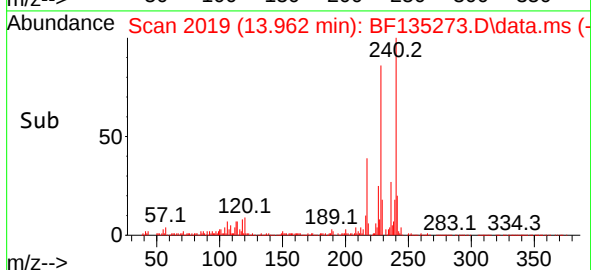
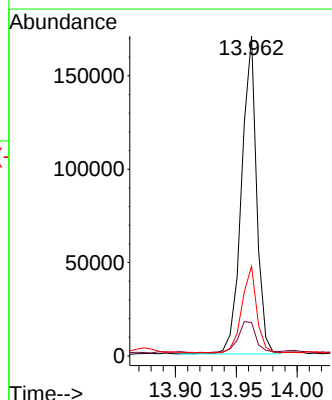
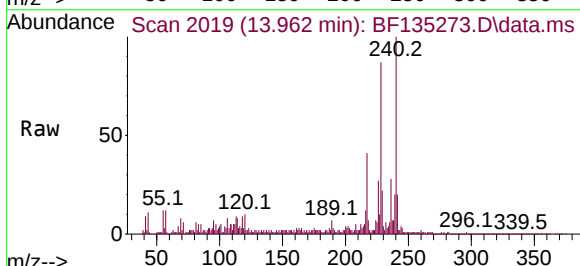
Tgt Ion:240 Resp: 146481

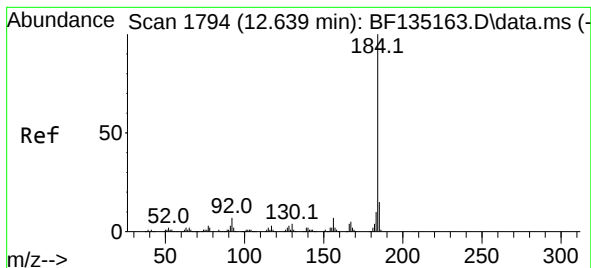
Ion Ratio Lower Upper

240 100

120 10.5 9.4 14.2

236 28.0 19.8 29.8





#77

Benzidine

Concen: 27.420 ng

RT: 12.645 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MS

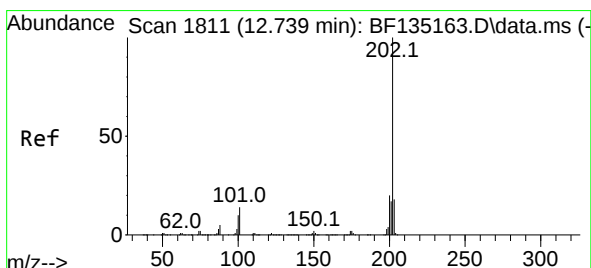
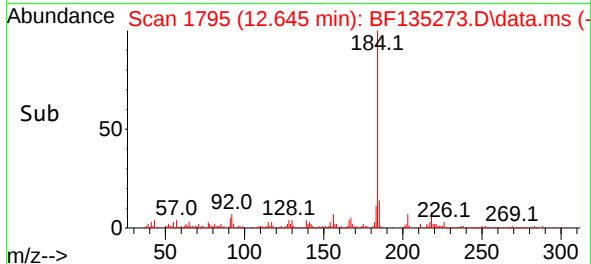
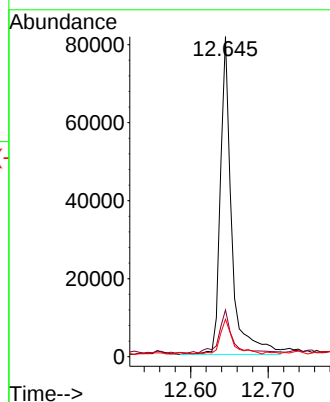
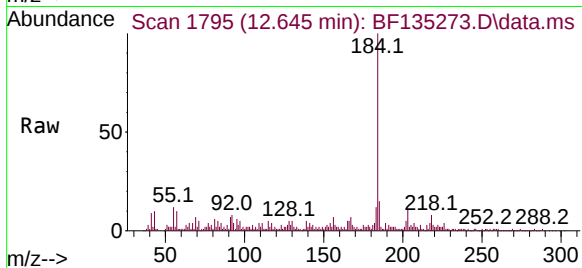
Tgt Ion:184 Resp: 82285

Ion Ratio Lower Upper

184 100

185 14.6 11.7 17.5

183 11.7 8.2 12.4



#78

Pyrene

Concen: 110.479 ng

RT: 12.751 min Scan# 1813

Delta R.T. 0.012 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

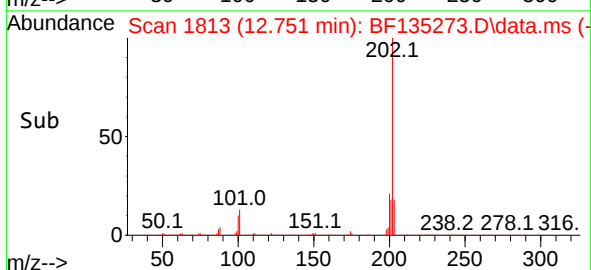
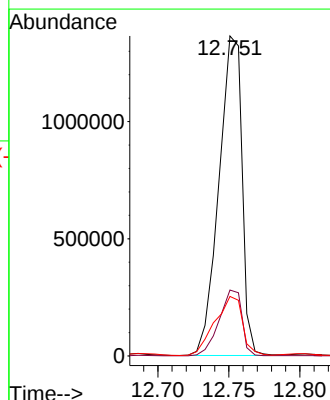
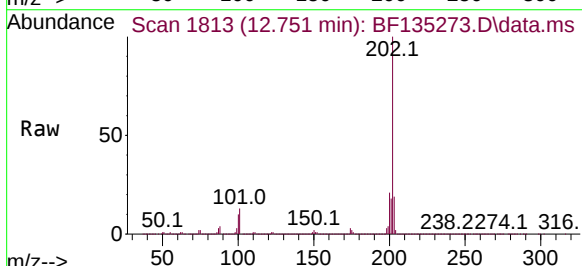
Tgt Ion:202 Resp: 1540746

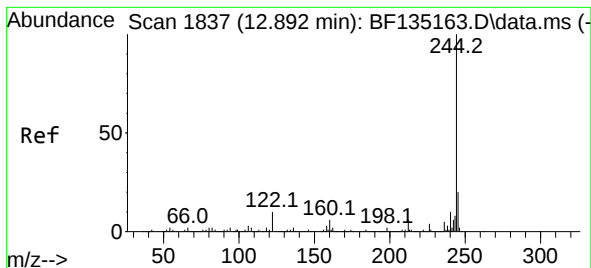
Ion Ratio Lower Upper

202 100

200 20.6 16.2 24.2

203 18.6 14.2 21.4





#79

Terphenyl-d14

Concen: 65.342 ng

RT: 12.892 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MS

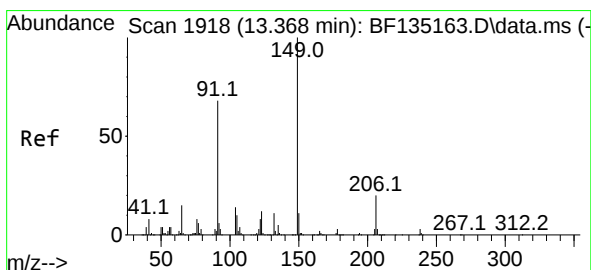
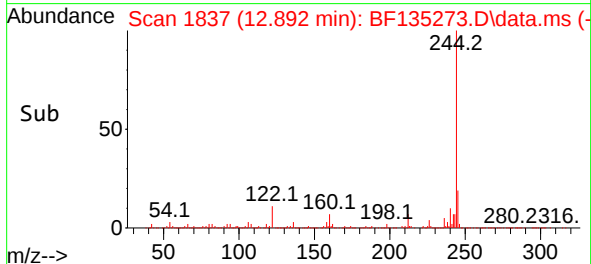
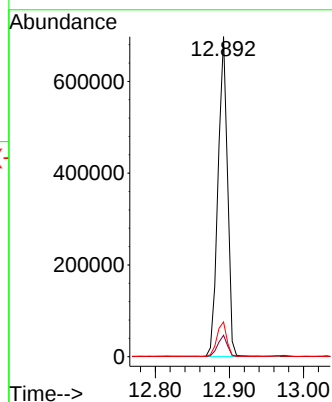
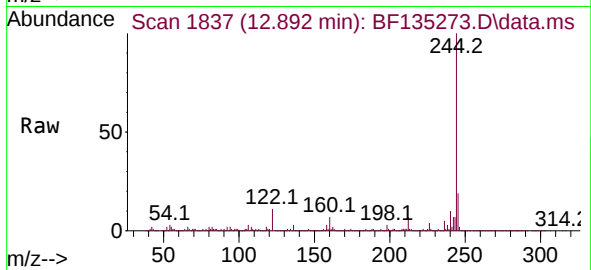
Tgt Ion:244 Resp: 617433

Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

122 10.8 7.9 11.9



#80

Butylbenzylphthalate

Concen: 56.121 ng

RT: 13.374 min Scan# 1919

Delta R.T. 0.006 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

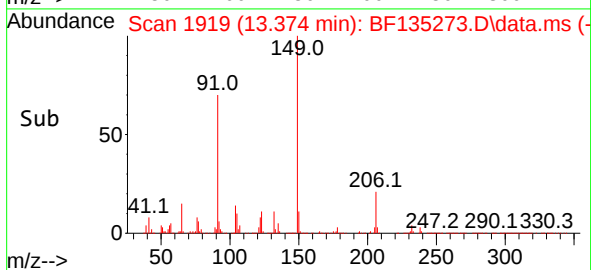
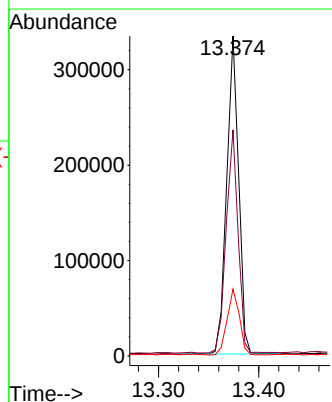
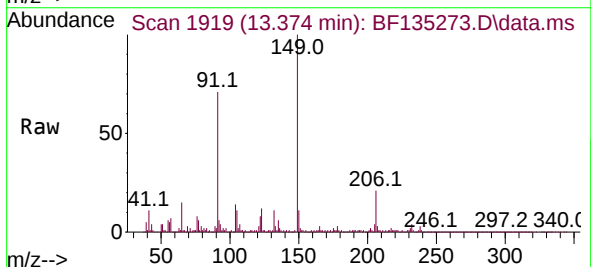
Tgt Ion:149 Resp: 275566

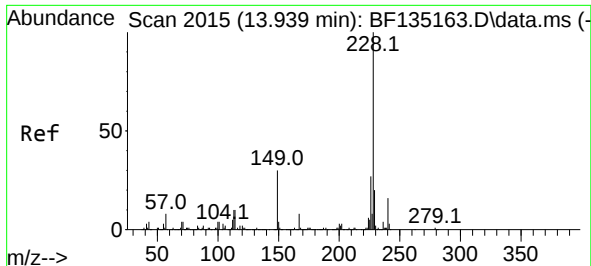
Ion Ratio Lower Upper

149 100

91 70.6 54.7 82.1

206 20.9 16.3 24.5

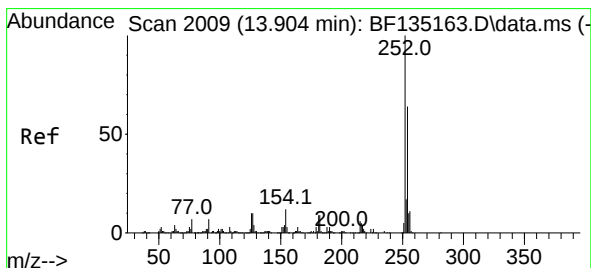
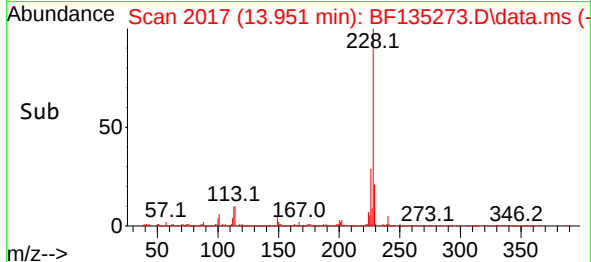
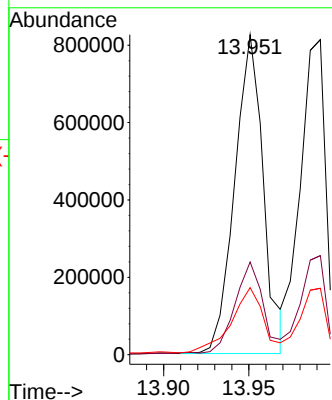
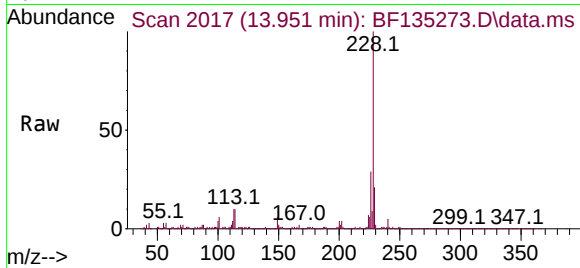




#81
Benzo(a)anthracene
Concen: 101.324 ng
RT: 13.951 min Scan# 2011
Delta R.T. 0.012 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

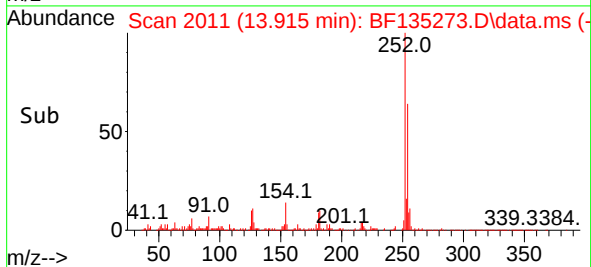
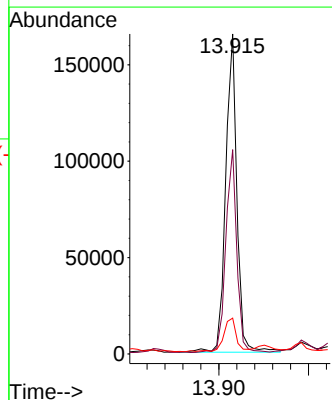
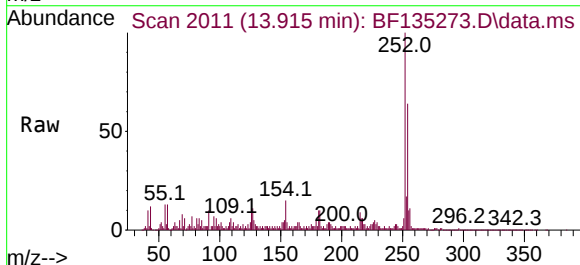
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MS

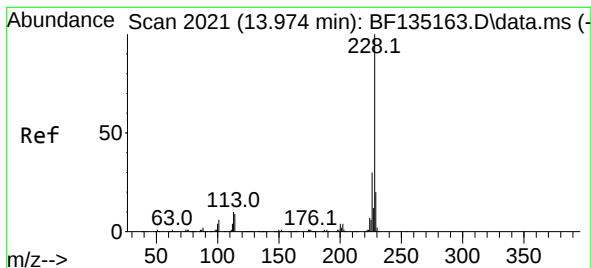
Tgt Ion:228 Resp: 958387
Ion Ratio Lower Upper
228 100
226 28.9 21.7 32.5
229 20.9 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 48.494 ng
RT: 13.915 min Scan# 2011
Delta R.T. 0.012 min
Lab File: BF135273.D
Acq: 15 Sep 2023 01:23

Tgt Ion:252 Resp: 143272
Ion Ratio Lower Upper
252 100
254 63.9 51.0 76.4
126 11.2 7.8 11.8





#83

Chrysene

Concen: 89.995 ng

RT: 13.992 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MS

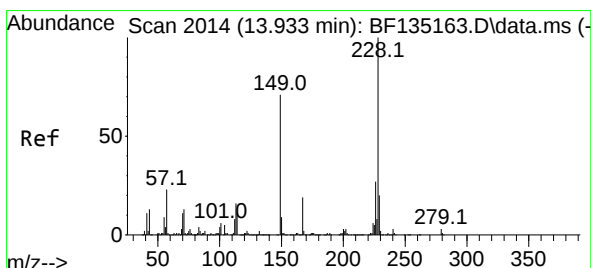
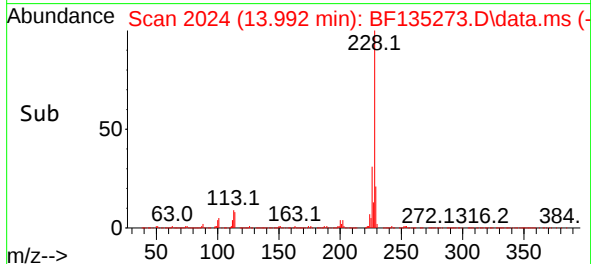
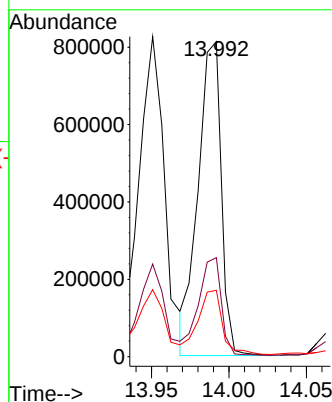
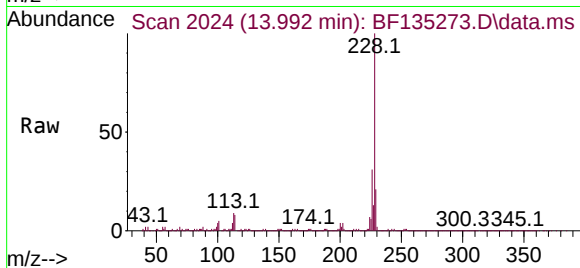
Tgt Ion:228 Resp: 846323

Ion Ratio Lower Upper

228 100

226 31.4 24.3 36.5

229 21.1 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 66.939 ng

RT: 13.939 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

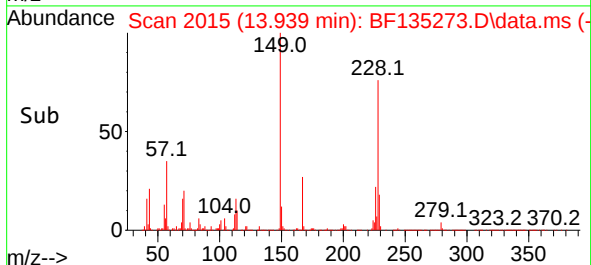
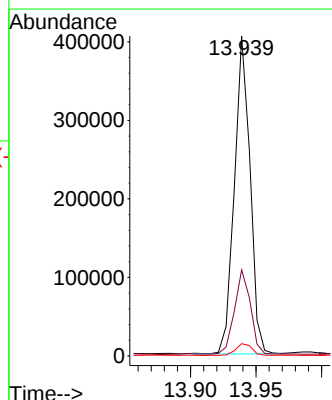
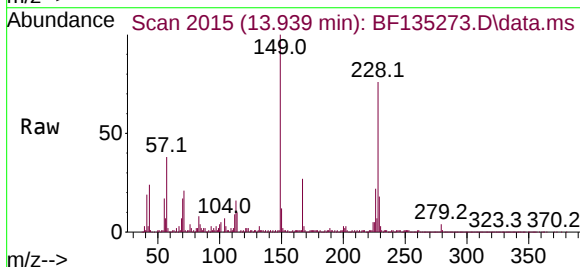
Tgt Ion:149 Resp: 337288

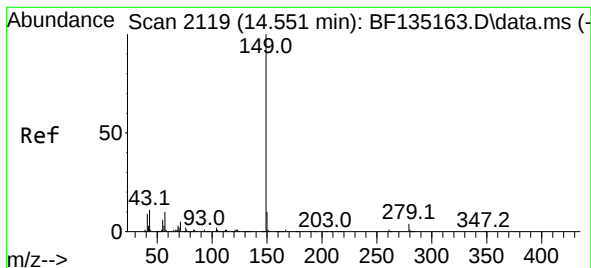
Ion Ratio Lower Upper

149 100

167 26.9 21.9 32.9

279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 68.409 ng

RT: 14.557 min Scan# 2119

Delta R.T. 0.006 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MS

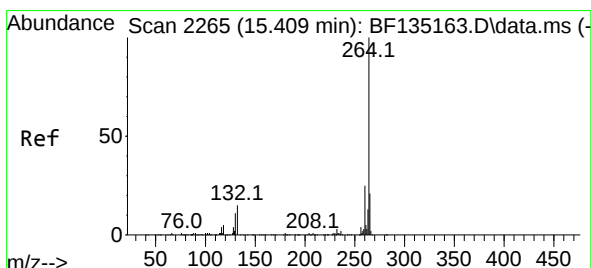
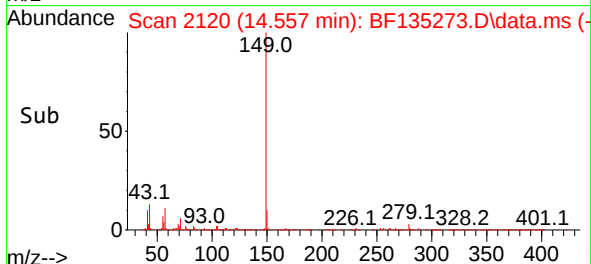
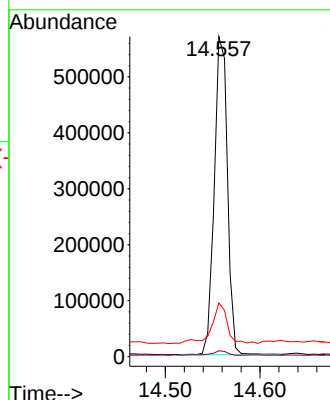
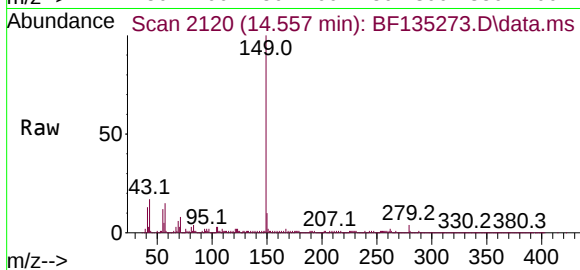
Tgt Ion:149 Resp: 547787

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 15.2 9.8 14.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 2269

Delta R.T. 0.024 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

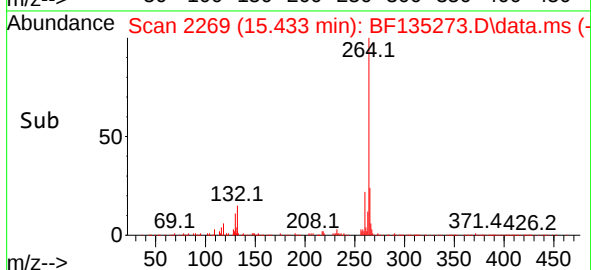
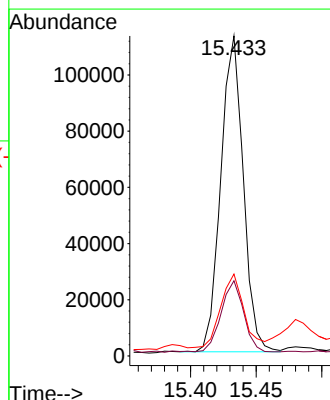
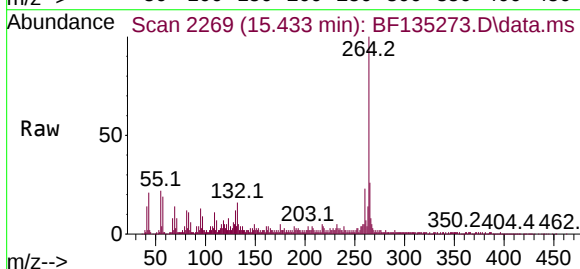
Tgt Ion:264 Resp: 133731

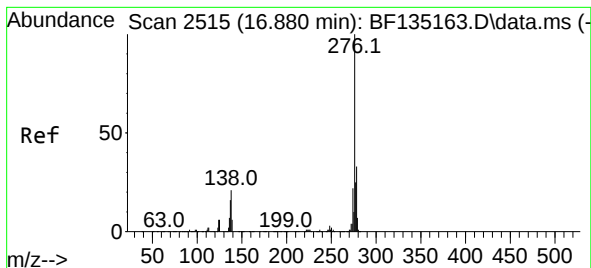
Ion Ratio Lower Upper

264 100

260 23.5 19.8 29.6

265 25.6 17.0 25.4#





#87

Indeno(1,2,3-cd)pyrene

Concen: 59.915 ng

RT: 16.927 min Scan# 2197

Delta R.T. 0.047 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MS

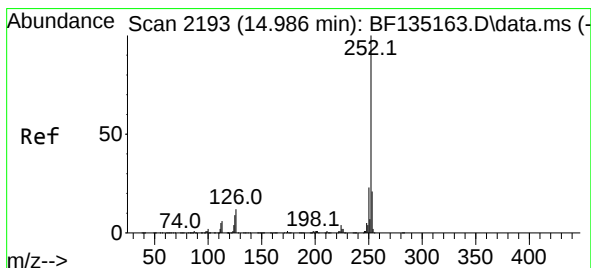
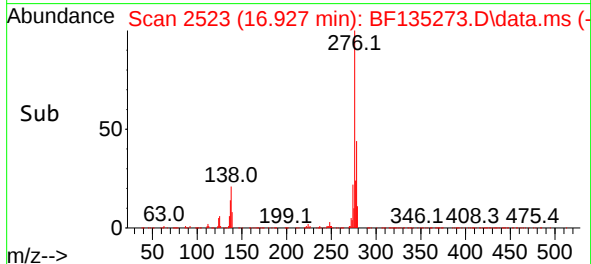
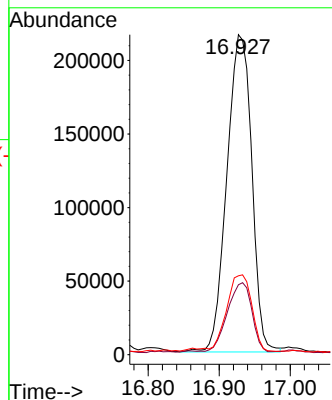
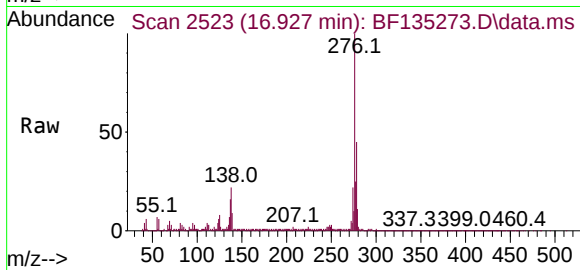
Tgt Ion:276 Resp: 525348

Ion Ratio Lower Upper

276 100

138 21.1 19.2 28.8

277 24.0 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 107.931 ng

RT: 15.009 min Scan# 2197

Delta R.T. 0.024 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

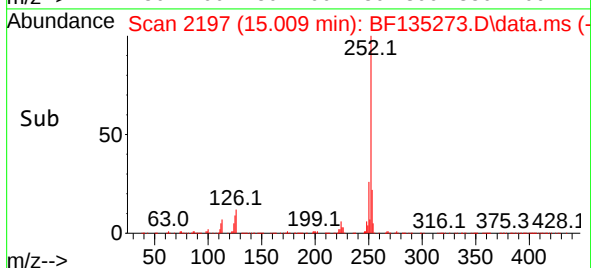
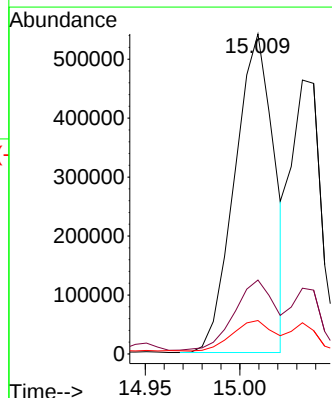
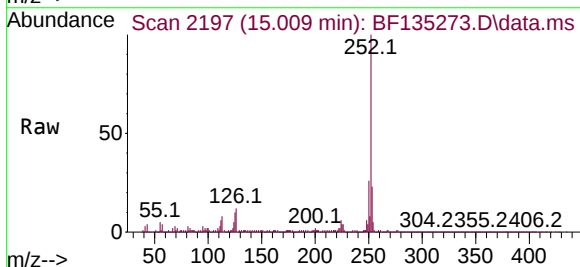
Tgt Ion:252 Resp: 781348

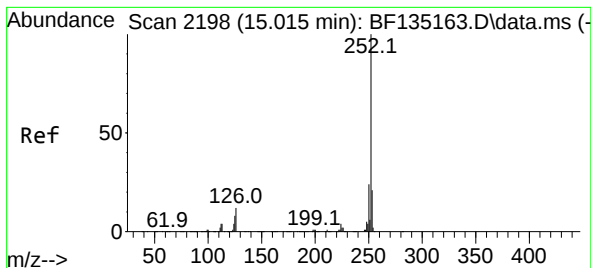
Ion Ratio Lower Upper

252 100

253 23.1 17.2 25.8

125 10.5 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 109.261 ng

RT: 15.009 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MS

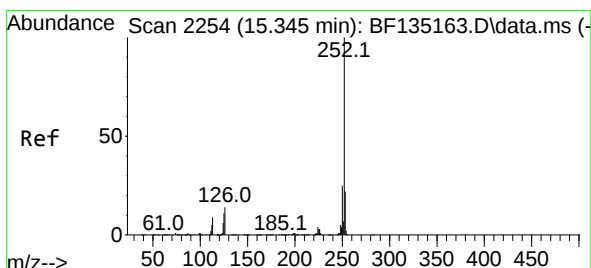
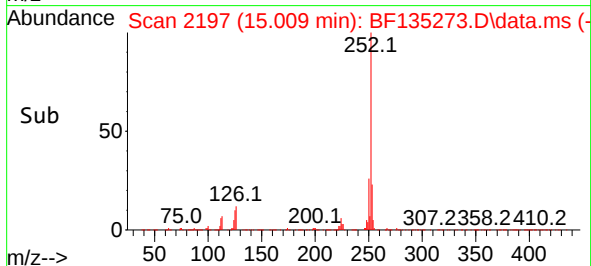
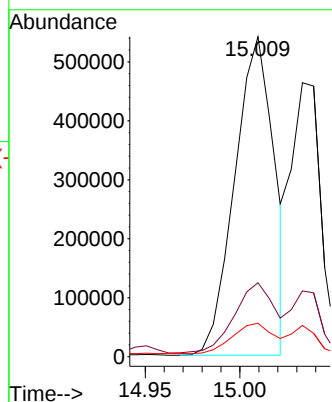
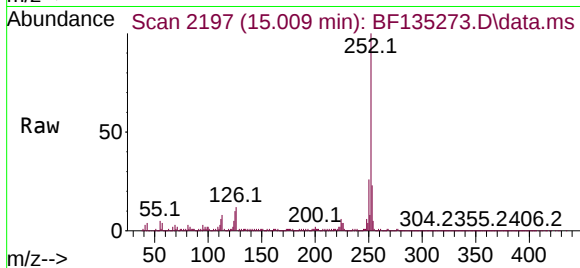
Tgt Ion:252 Resp: 781348

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.0

125 10.5 7.2 10.8



#90

Benzo(a)pyrene

Concen: 87.333 ng

RT: 15.374 min Scan# 2259

Delta R.T. 0.029 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

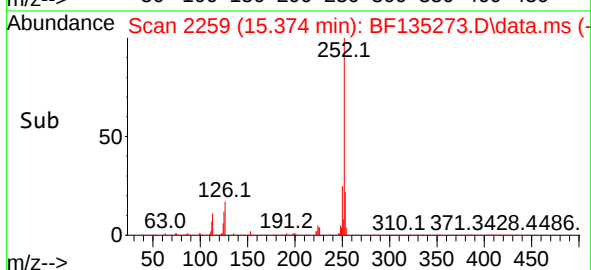
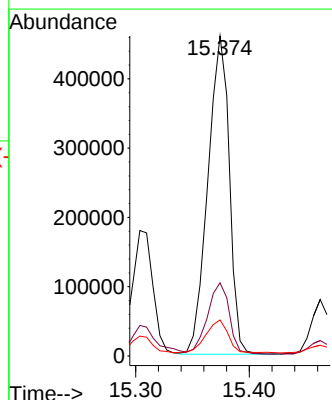
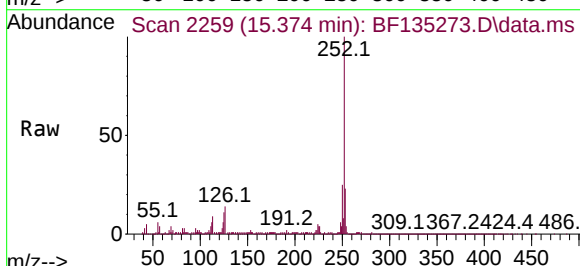
Tgt Ion:252 Resp: 602916

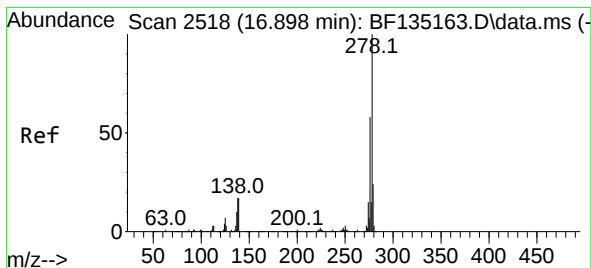
Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

125 11.2 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 44.982 ng

RT: 16.945 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MS

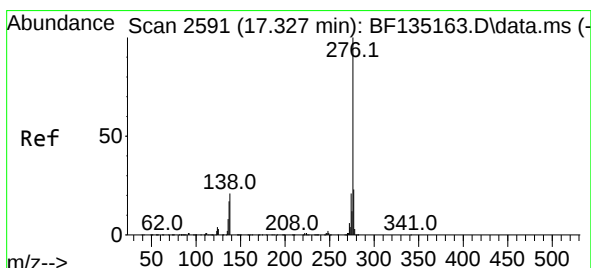
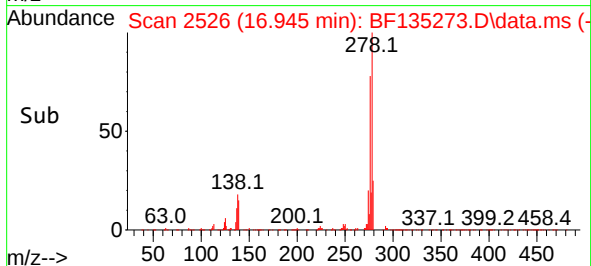
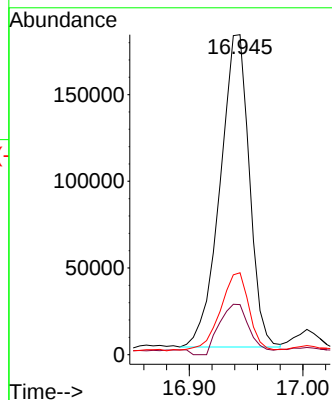
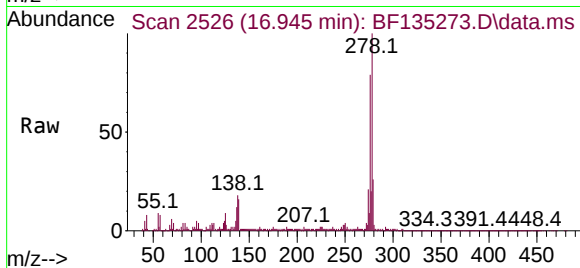
Tgt Ion:278 Resp: 322717

Ion Ratio Lower Upper

278 100

139 15.6 13.4 20.0

279 25.6 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 60.179 ng

RT: 17.380 min Scan# 2600

Delta R.T. 0.053 min

Lab File: BF135273.D

Acq: 15 Sep 2023 01:23

Tgt Ion:276 Resp: 450901

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 20.9 16.9 25.3

