

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070524\
 Data File : BF138476.D
 Acq On : 05 Jul 2024 19:06
 Operator : CG\JU
 Sample : P3159-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-070324MSD

Quant Time: Jul 06 00:38:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	66540	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	258400	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	128312	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	189414	20.000	ng	0.00
76) Chrysene-d12	14.033	240	106279	20.000	ng	0.00
86) Perylene-d12	15.504	264	89170	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	539545	134.436	ng	0.00
7) Phenol-d6	6.510	99	703348	130.095	ng	0.00
23) Nitrobenzene-d5	7.440	82	449539	90.374	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	132915	126.788	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	747908	92.763	ng	0.00
79) Terphenyl-d14	12.980	244	642117	82.798	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	77780	41.144	ng	97
3) Pyridine	3.387	79	206273	45.738	ng	94
4) n-Nitrosodimethylamine	3.334	42	151798	53.952	ng	90
6) Aniline	6.534	93	187840	35.603	ng	98
8) 2-Chlorophenol	6.657	128	230259	53.443	ng	97
9) Benzaldehyde	6.422	77	34084	10.214	ng	97
10) Phenol	6.522	94	296096	51.406	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	220790	48.806	ng	98
12) 1,3-Dichlorobenzene	6.816	146	237676	48.171	ng	98
13) 1,4-Dichlorobenzene	6.893	146	242321	48.981	ng	97
14) 1,2-Dichlorobenzene	7.040	146	230320	50.430	ng	99
15) Benzyl Alcohol	7.016	79	211118	54.519	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	442908	48.539	ng	99
17) 2-Methylphenol	7.128	107	181728	50.894	ng	96
18) Hexachloroethane	7.387	117	84955	47.609	ng	# 88
19) n-Nitroso-di-n-propyla...	7.287	70	167248	49.071	ng	94
20) 3+4-Methylphenols	7.281	107	226305	54.546	ng	# 87
22) Acetophenone	7.281	105	283317	48.330	ng	# 97
24) Nitrobenzene	7.457	77	256512	50.701	ng	99
25) Isophorone	7.692	82	446202	48.648	ng	100
26) 2-Nitrophenol	7.769	139	116905	53.571	ng	91
27) 2,4-Dimethylphenol	7.810	122	156606	56.072	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	264970	47.995	ng	99
29) 2,4-Dichlorophenol	8.016	162	180096	50.205	ng	97
30) 1,2,4-Trichlorobenzene	8.098	180	197690	47.398	ng	100
31) Naphthalene	8.175	128	645370	49.405	ng	100
32) Benzoic acid	7.916	122	92305	37.169	ng	89
33) 4-Chloroaniline	8.222	127	103615	22.712	ng	98
34) Hexachlorobutadiene	8.292	225	118978	47.512	ng	98
35) Caprolactam	8.586	113	55291	48.811	ng	91
36) 4-Chloro-3-methylphenol	8.710	107	196783	51.501	ng	94
37) 2-Methylnaphthalene	8.869	142	400007	47.380	ng	98
38) 1-Methylnaphthalene	8.969	142	368947	45.061	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	172580	48.626	ng	99
41) Hexachlorocyclopentadiene	9.016	237	50261	48.111	ng	97
43) 2,4,6-Trichlorophenol	9.145	196	119790	53.043	ng	98

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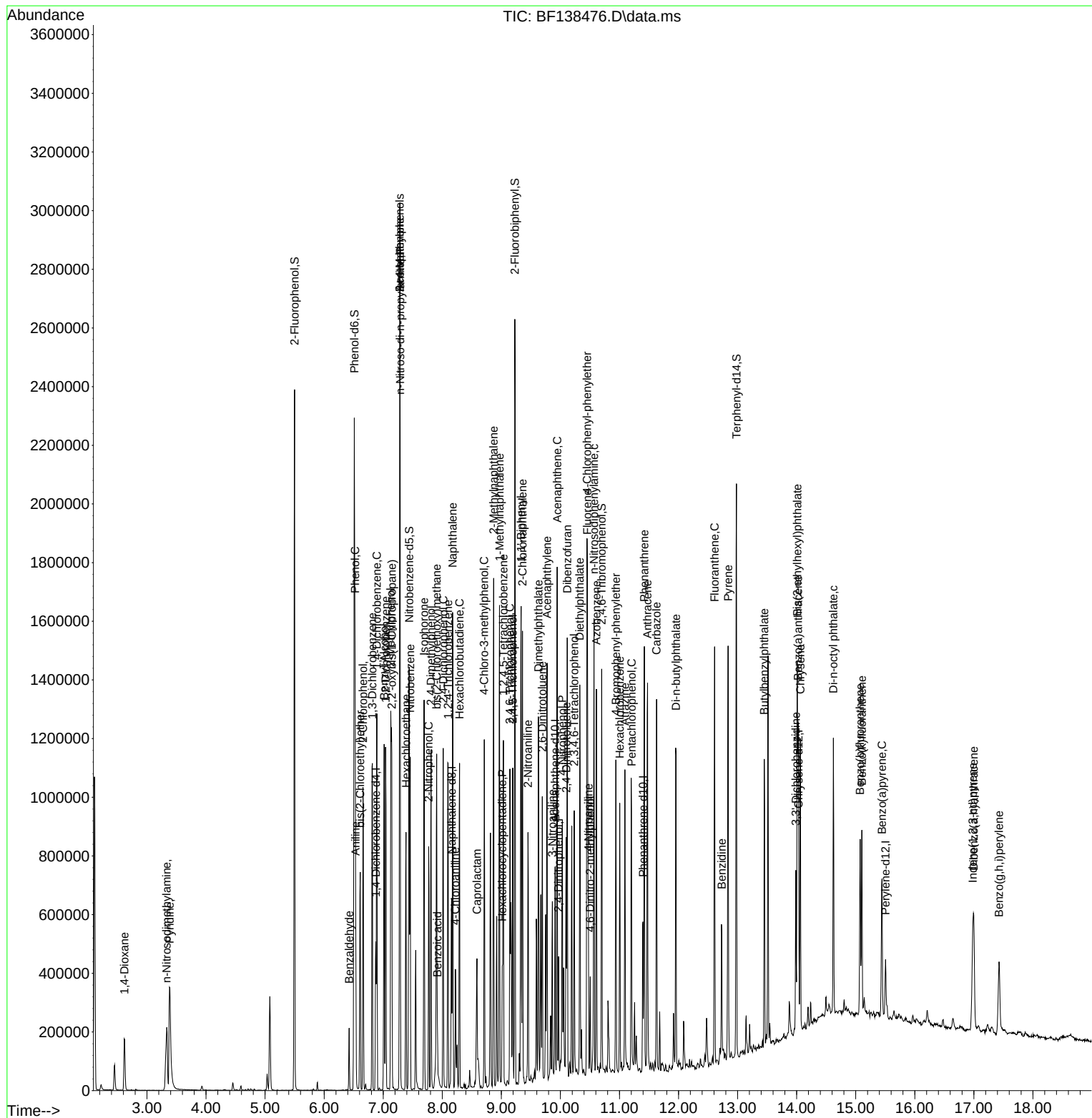
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	121879	49.623	ng	99
46) 1,1'-Biphenyl	9.334	154	466424	48.684	ng	98
47) 2-Chloronaphthalene	9.357	162	362682	49.650	ng	98
48) 2-Nitroaniline	9.451	65	135748	57.611	ng	93
49) Acenaphthylene	9.775	152	553481	53.876	ng	99
50) Dimethylphthalate	9.628	163	442399	53.648	ng	100
51) 2,6-Dinitrotoluene	9.692	165	93755	50.764	ng	96
52) Acenaphthene	9.945	154	331767	47.164	ng	99
53) 3-Nitroaniline	9.863	138	72938	39.986	ng	98
54) 2,4-Dinitrophenol	9.969	184	37715	51.821	ng	97
55) Dibenzofuran	10.116	168	477567	49.274	ng	97
56) 4-Nitrophenol	10.033	139	125016	105.705	ng	89
57) 2,4-Dinitrotoluene	10.098	165	115629	50.848	ng	92
58) Fluorene	10.457	166	362191	47.030	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	88743	48.646	ng	# 97
60) Diethylphthalate	10.328	149	397781	51.593	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	183322	46.916	ng	98
62) 4-Nitroaniline	10.475	138	83472	49.856	ng	95
63) Azobenzene	10.610	77	396609	48.709	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	33414	34.765	ng	83
66) n-Nitrosodiphenylamine	10.569	169	314335	53.455	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	101135	49.674	ng	97
68) Hexachlorobenzene	11.004	284	104214	46.440	ng	100
69) Atrazine	11.092	200	96255	58.381	ng	98
70) Pentachlorophenol	11.204	266	112977	99.194	ng	97
71) Phenanthrene	11.422	178	490071	52.992	ng	99
72) Anthracene	11.475	178	502066	54.438	ng	99
73) Carbazole	11.627	167	436795	57.047	ng	100
74) Di-n-butylphthalate	11.957	149	528759	54.491	ng	99
75) Fluoranthene	12.610	202	528351	63.726	ng	99
77) Benzidine	12.733	184	181590	213.673	ng	97
78) Pyrene	12.839	202	536838	47.261	ng	100
80) Butylbenzylphthalate	13.451	149	205071	59.329	ng	95
81) Benzo(a)anthracene	14.021	228	369470	54.011	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	100471	49.747	ng	99
83) Chrysene	14.063	228	351598	52.821	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	268105	61.851	ng	99
85) Di-n-octyl phthalate	14.621	149	389588	51.348	ng	98
87) Indeno(1,2,3-cd)pyrene	16.980	276	274665	61.304	ng	96
88) Benzo(b)fluoranthene	15.074	252	257855	52.705	ng	98
89) Benzo(k)fluoranthene	15.104	252	256162	56.845	ng	100
90) Benzo(a)pyrene	15.445	252	234050	54.579	ng	98
91) Dibenzo(a,h)anthracene	16.998	278	220987	61.104	ng	97
92) Benzo(g,h,i)perylene	17.427	276	210207	59.415	ng	97

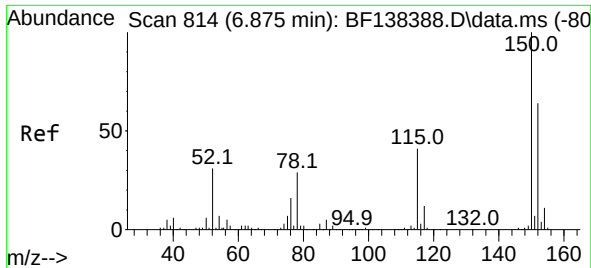
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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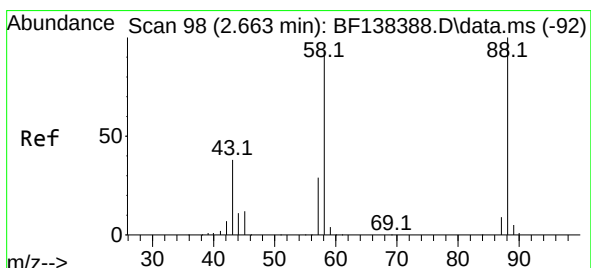
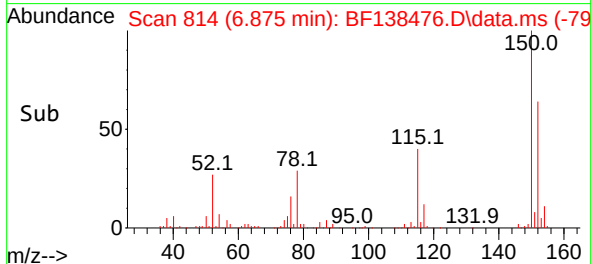
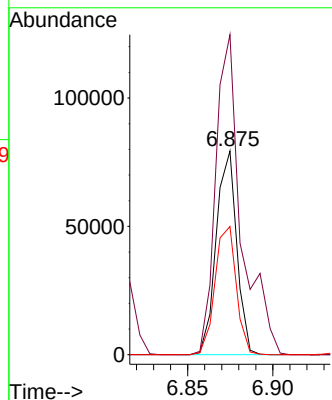
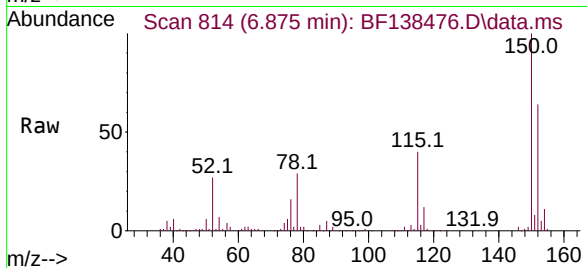




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF138476.D
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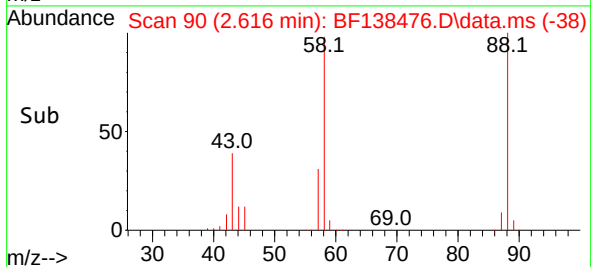
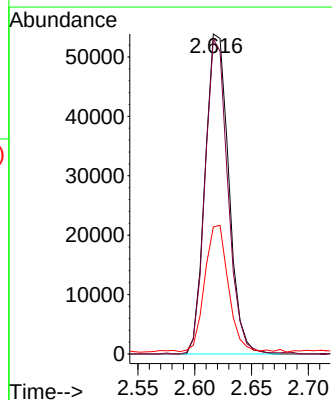
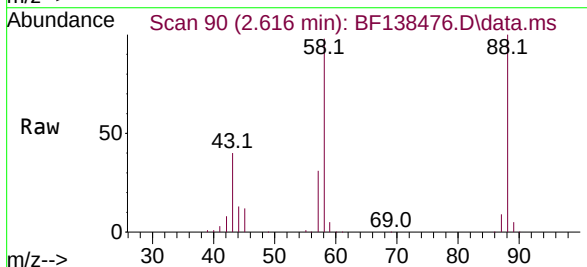
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 BNA_F
 ClientSampleId :
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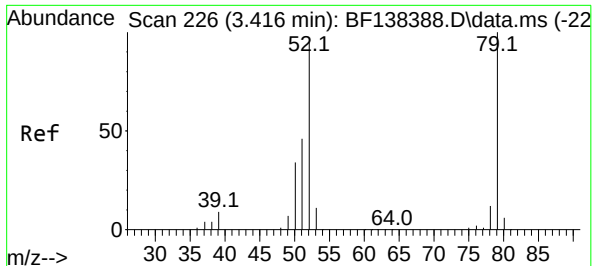
Tgt Ion:152 Resp: 66540
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.9 187.3
 115 63.0 50.8 76.2



#2
 1,4-Dioxane
 Concen: 41.144 ng
 RT: 2.616 min Scan# 90
 Delta R.T. -0.047 min
 Lab File: BF138476.D
 Acq: 05 Jul 2024 19:06

Tgt Ion: 88 Resp: 77780
 Ion Ratio Lower Upper
 88 100
 58 95.0 73.7 110.5
 43 39.1 30.1 45.1





#3

Pyridine

Concen: 45.738 ng

RT: 3.387 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MSD

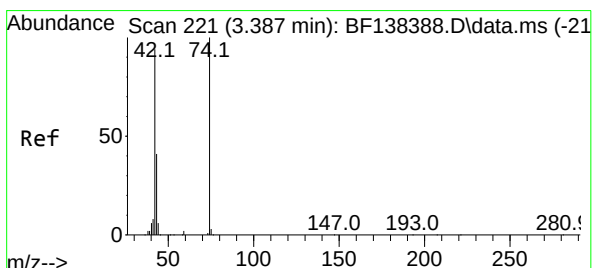
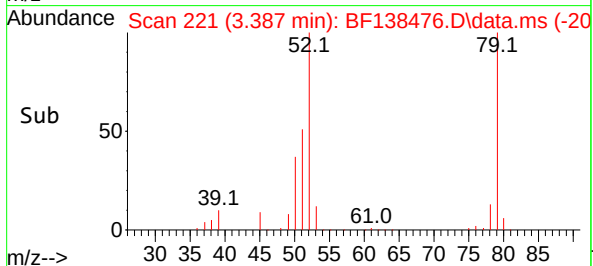
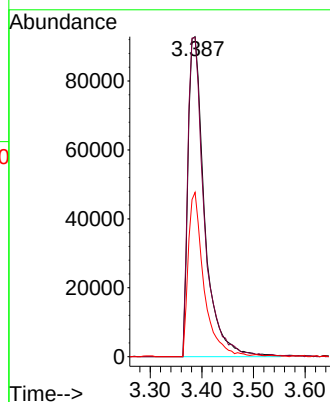
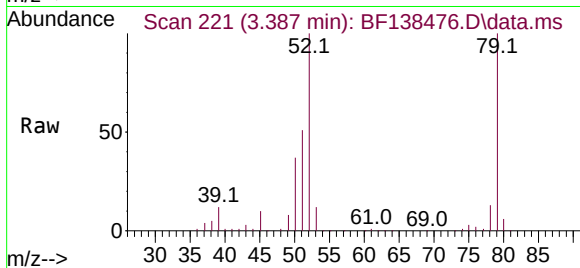
Tgt Ion: 79 Resp: 206273

Ion Ratio Lower Upper

79 100

52 99.8 76.2 114.2

51 51.4 36.7 55.1



#4

n-Nitrosodimethylamine

Concen: 53.952 ng

RT: 3.334 min Scan# 212

Delta R.T. -0.053 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

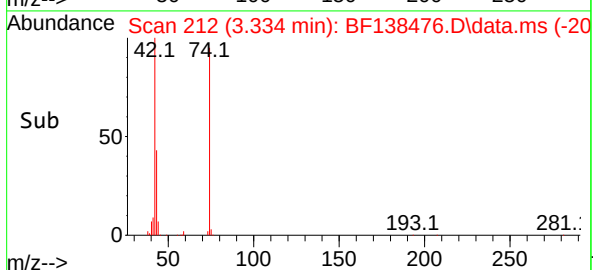
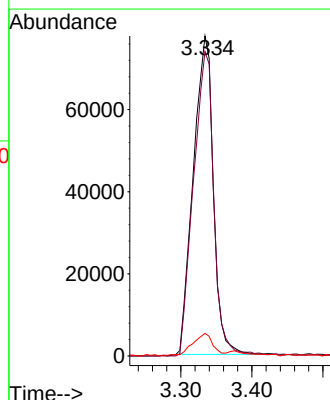
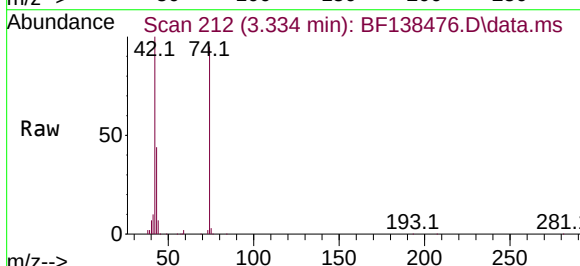
Tgt Ion: 42 Resp: 151798

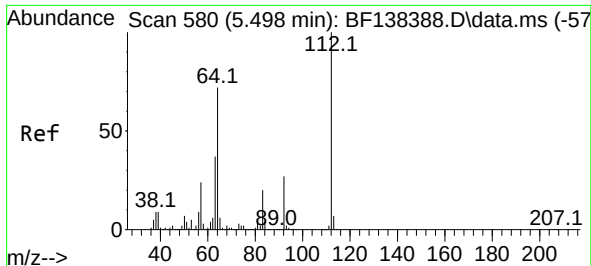
Ion Ratio Lower Upper

42 100

74 95.2 85.1 127.7

44 7.1 5.5 8.3

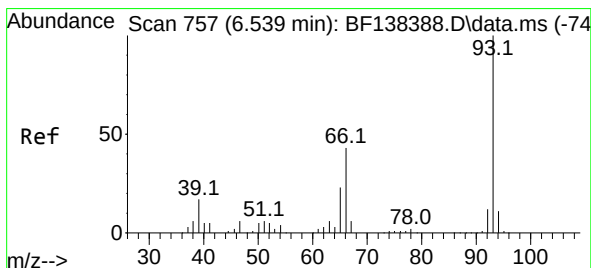
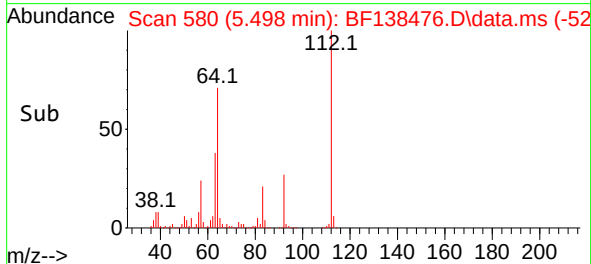
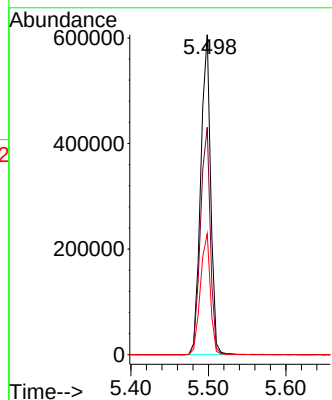
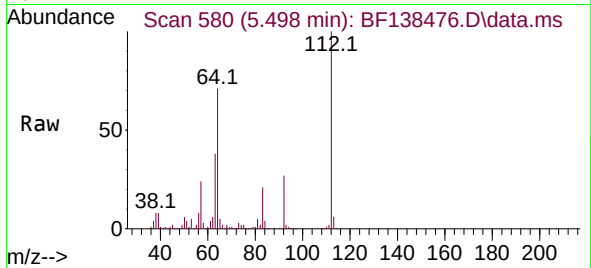




#5
2-Fluorophenol
Concen: 134.436 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

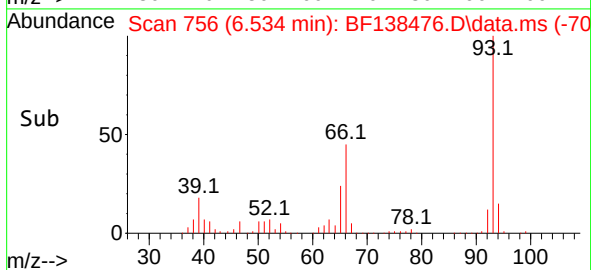
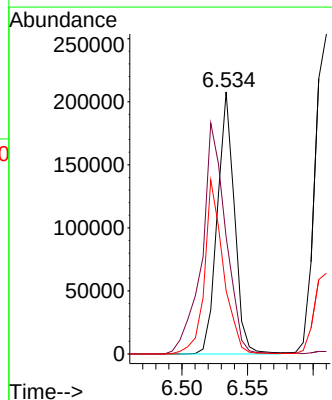
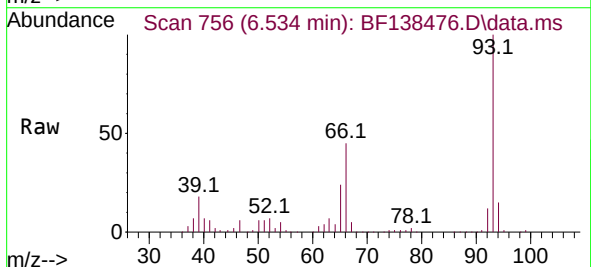
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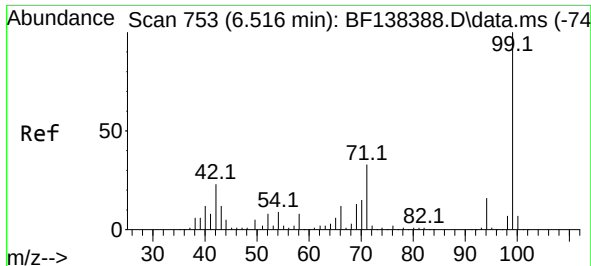
Tgt Ion:112 Resp: 539545
Ion Ratio Lower Upper
112 100
64 71.0 57.2 85.8
63 37.8 29.4 44.0



#6
Aniline
Concen: 35.603 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion: 93 Resp: 187840
Ion Ratio Lower Upper
93 100
66 44.7 34.7 52.1
65 24.1 18.5 27.7

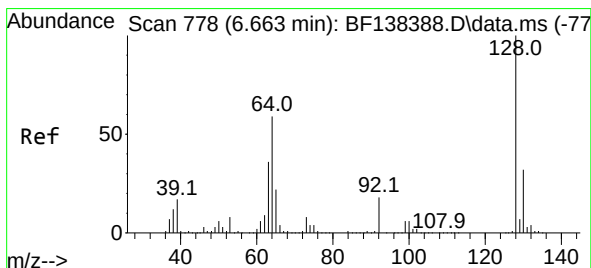
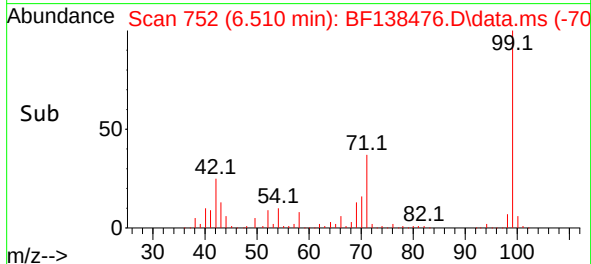
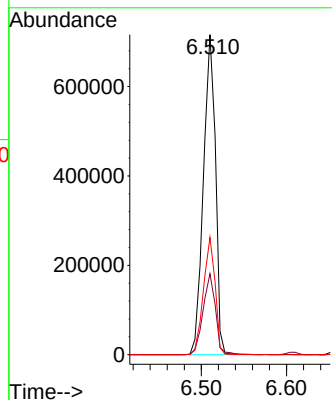
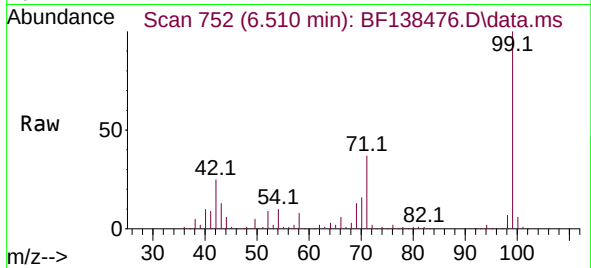




#7
Phenol-d6
Concen: 130.095 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF138476.D
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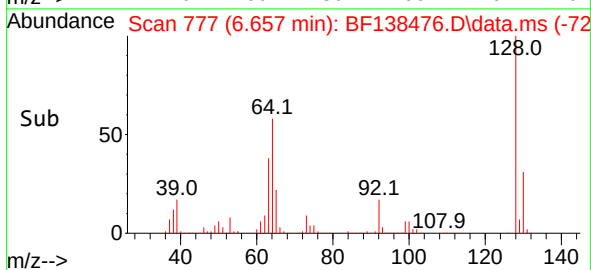
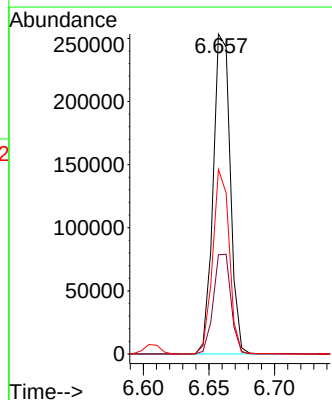
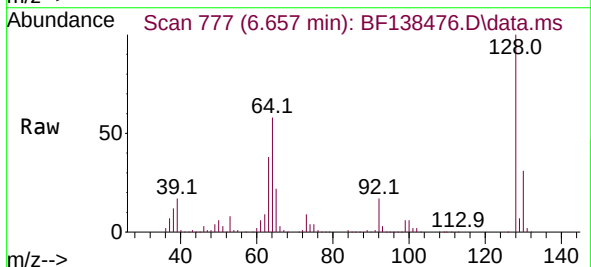
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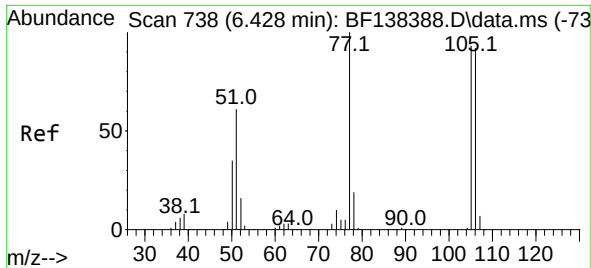
Tgt Ion: 99 Resp: 703348
Ion Ratio Lower Upper
99 100
42 25.3 18.5 27.7
71 36.6 26.1 39.1



#8
2-Chlorophenol
Concen: 53.443 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion:128 Resp: 230259
Ion Ratio Lower Upper
128 100
130 31.0 12.3 52.3
64 57.6 39.6 79.6

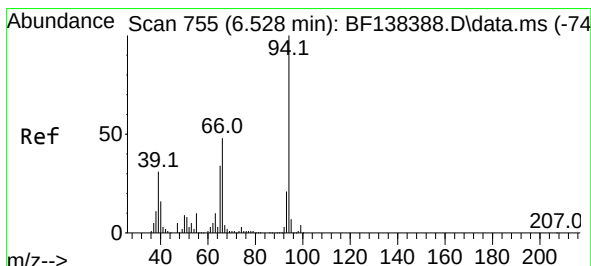
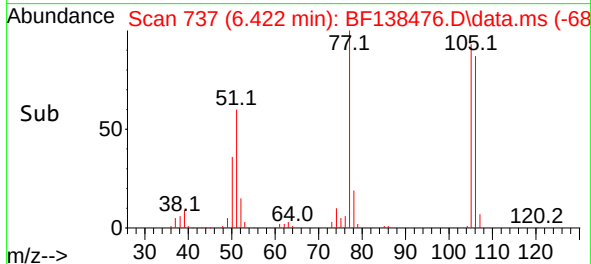
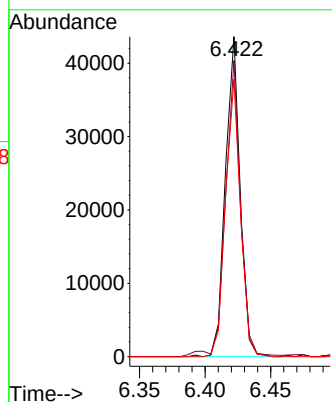
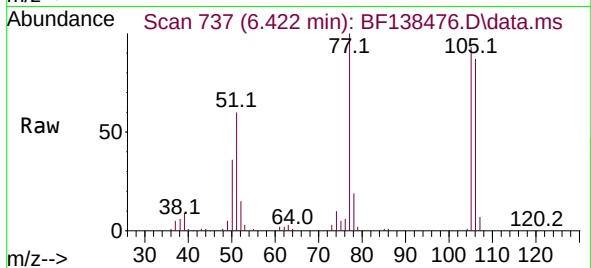




#9
Benzaldehyde
Concen: 10.214 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
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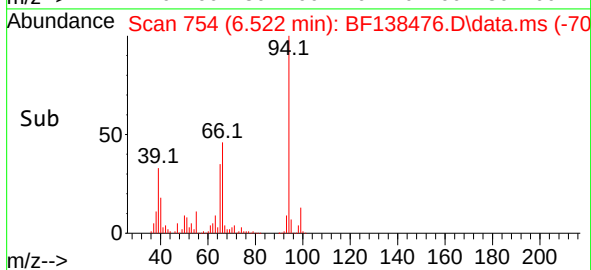
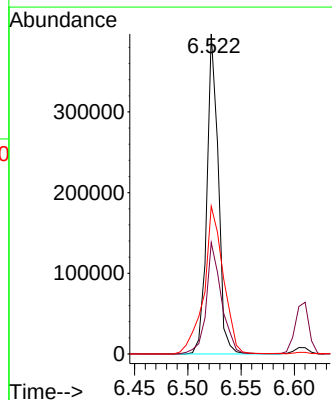
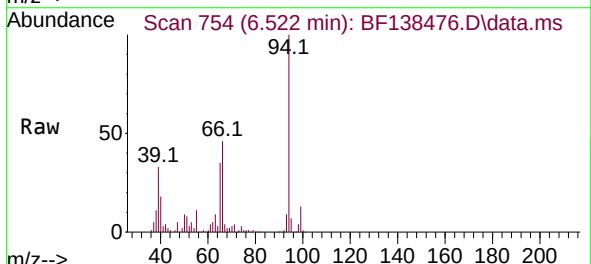
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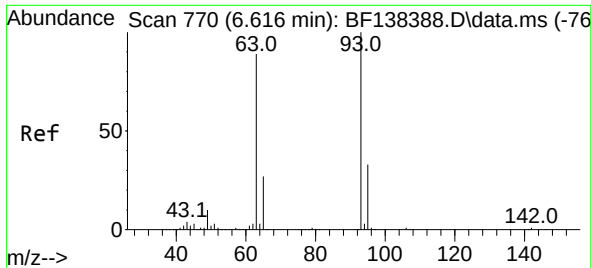
Tgt Ion: 77 Resp: 34084
Ion Ratio Lower Upper
77 100
105 92.5 73.2 113.2
106 86.7 71.5 111.5



#10
Phenol
Concen: 51.406 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
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Tgt Ion: 94 Resp: 296096
Ion Ratio Lower Upper
94 100
65 34.8 14.2 54.2
66 46.2 27.9 67.9

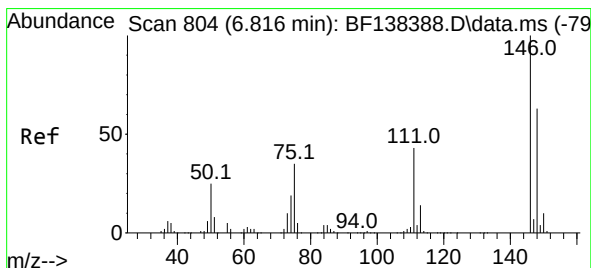
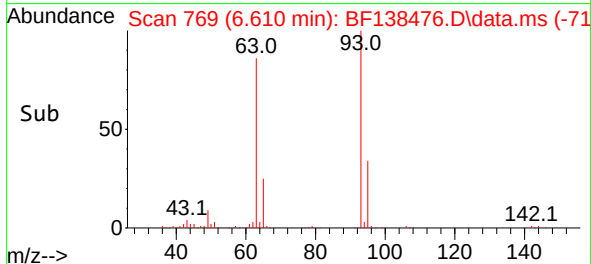
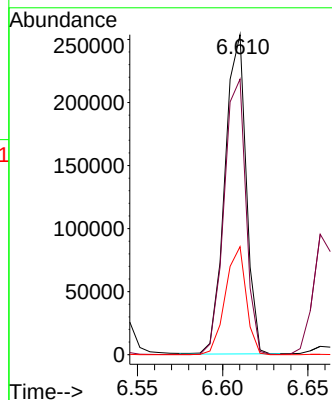
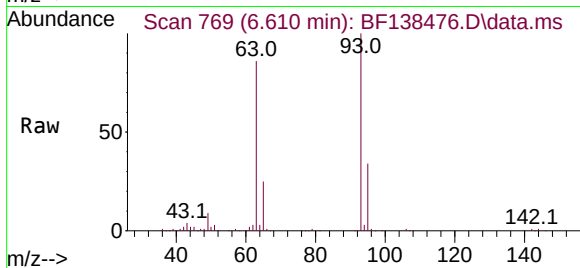




#11
bis(2-Chloroethyl)ether
Concen: 48.806 ng
RT: 6.610 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

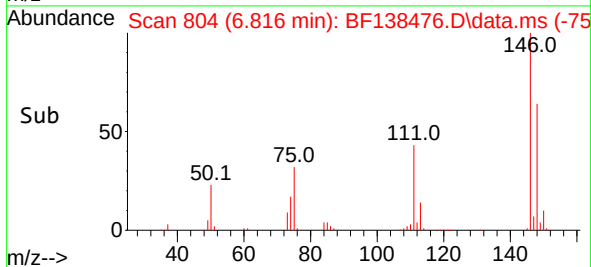
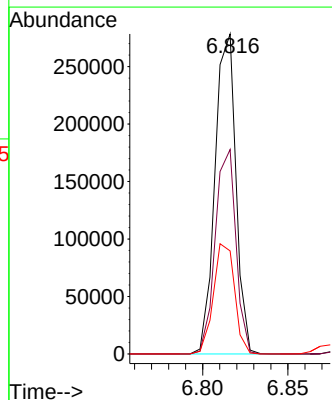
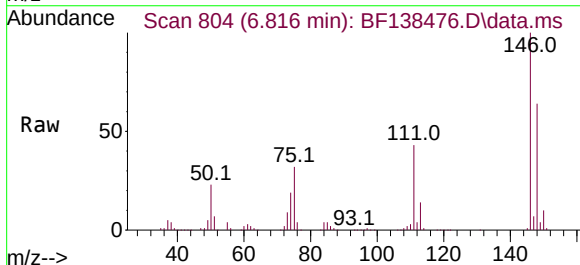
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD

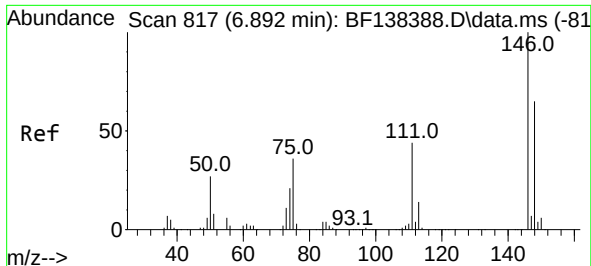
Tgt Ion: 93 Resp: 220790
Ion Ratio Lower Upper
93 100
63 86.1 68.2 108.2
95 33.7 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 48.171 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion: 146 Resp: 237676
Ion Ratio Lower Upper
146 100
148 63.9 50.3 75.5
75 32.2 27.8 41.6

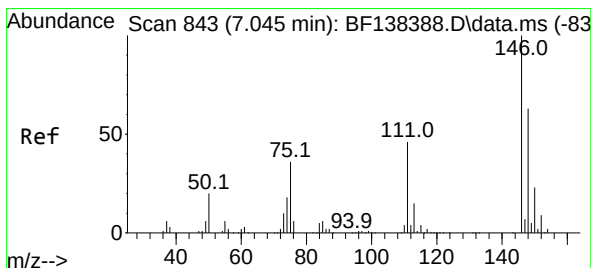
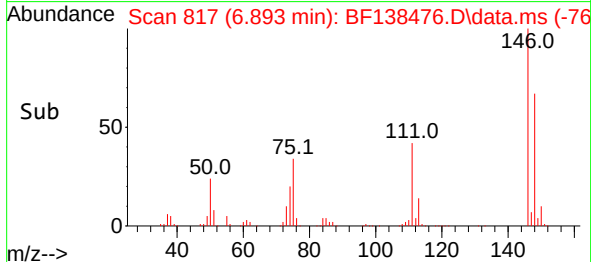
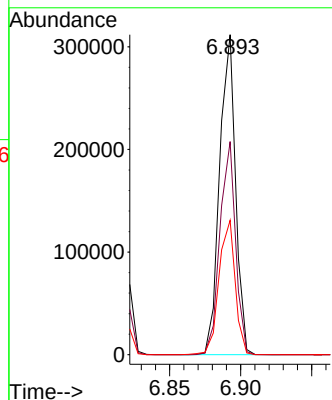
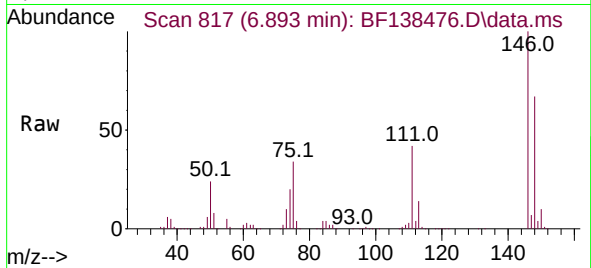




#13
1,4-Dichlorobenzene
Concen: 48.981 ng
RT: 6.893 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

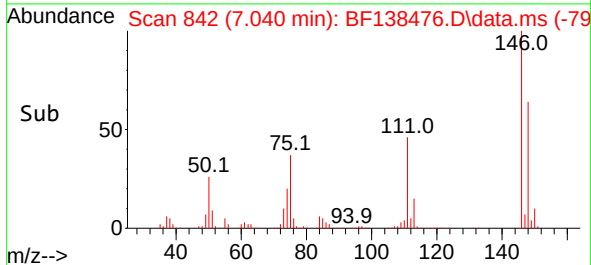
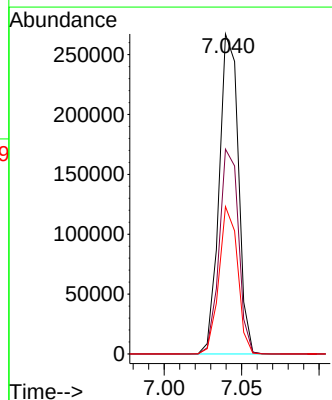
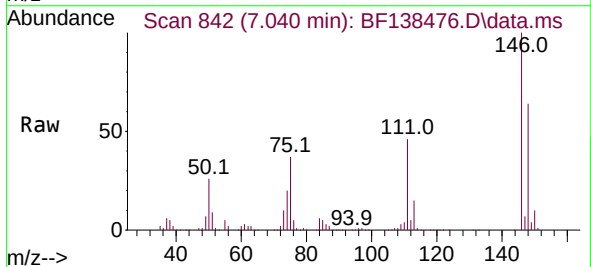
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD

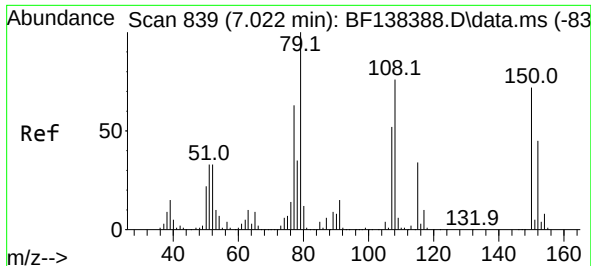
Tgt Ion:146 Resp: 242321
Ion Ratio Lower Upper
146 100
148 66.6 52.0 78.0
111 42.0 35.4 53.0



#14
1,2-Dichlorobenzene
Concen: 50.430 ng
RT: 7.040 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion:146 Resp: 230320
Ion Ratio Lower Upper
146 100
148 64.0 50.3 75.5
111 46.1 37.1 55.7

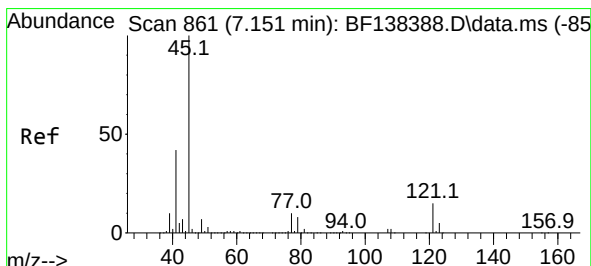
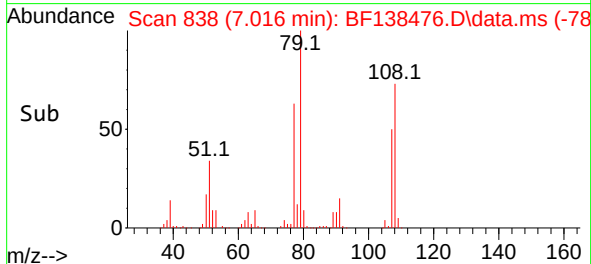
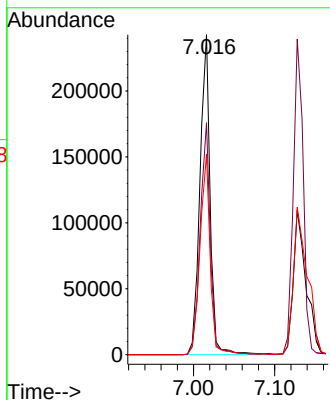
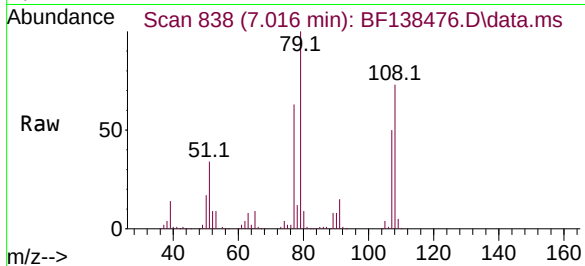




#15
Benzyl Alcohol
Concen: 54.519 ng
RT: 7.016 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

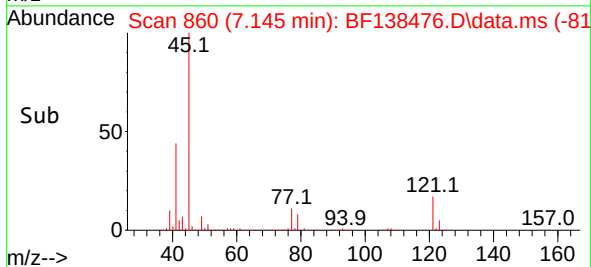
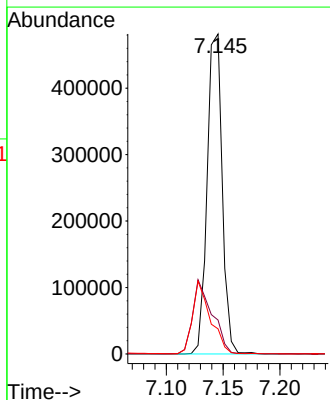
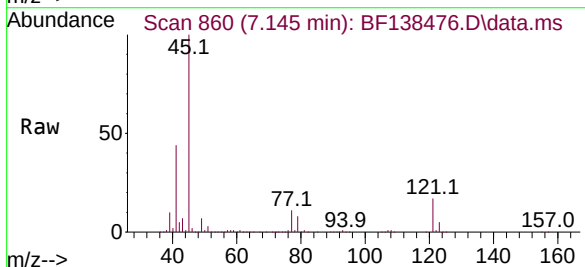
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD

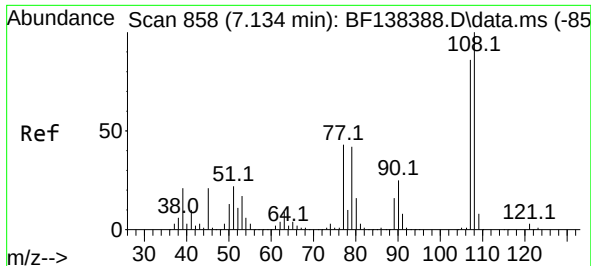
Tgt Ion: 79 Resp: 211118
Ion Ratio Lower Upper
79 100
108 72.5 60.9 91.3
77 62.6 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.539 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion: 45 Resp: 442908
Ion Ratio Lower Upper
45 100
77 10.6 0.0 30.4
79 7.9 0.0 28.1

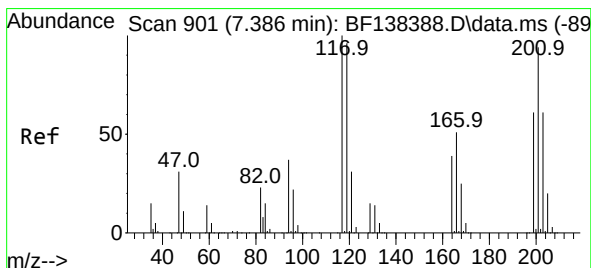
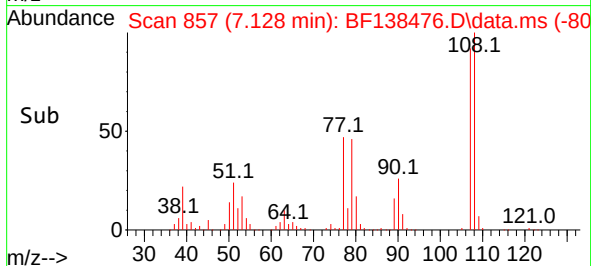
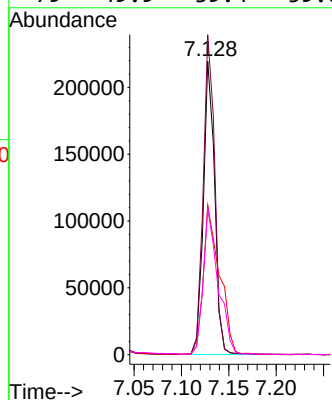
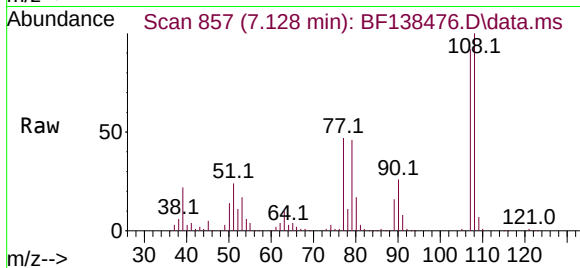




#17
2-Methylphenol
Concen: 50.894 ng
RT: 7.128 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

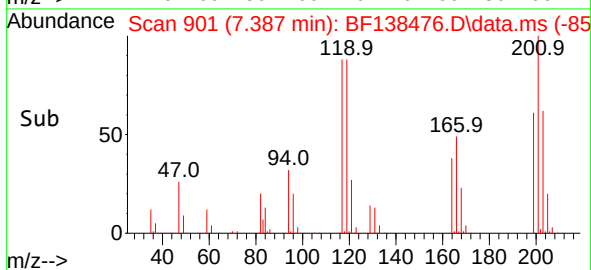
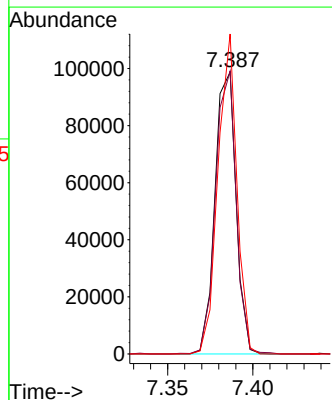
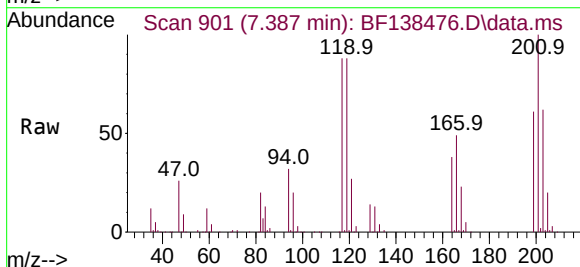
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD

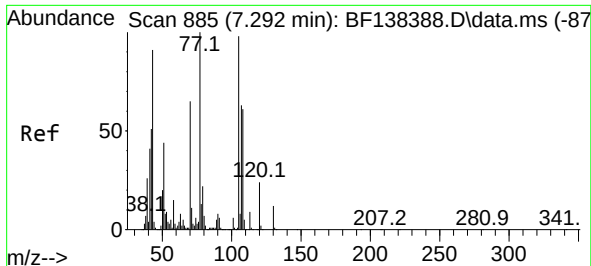
Tgt Ion:	107	Resp:	181728
Ion	Ratio	Lower	Upper
107	100		
108	109.0	92.6	138.8
77	50.9	40.3	60.5
79	49.9	39.4	59.0



#18
Hexachloroethane
Concen: 47.609 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion:	117	Resp:	84955
Ion	Ratio	Lower	Upper
117	100		
119	100.4	77.1	115.7
201	113.5	75.6	113.4#

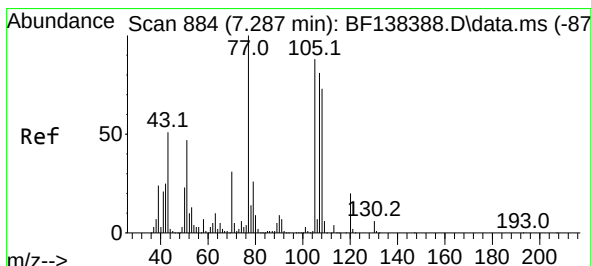
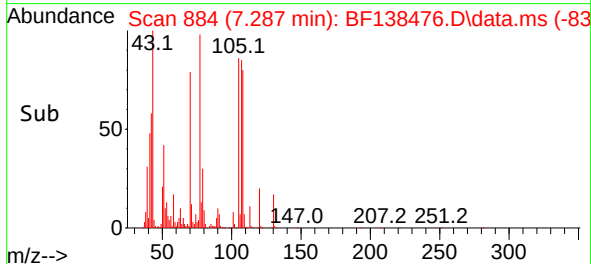
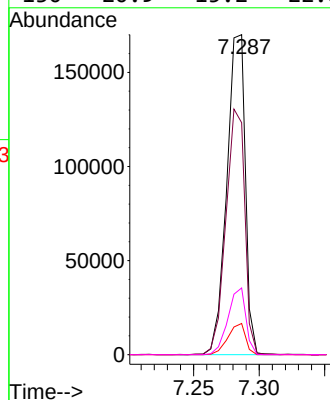
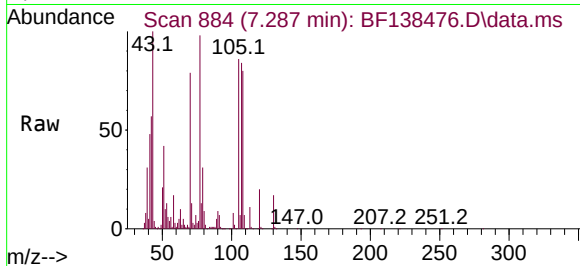




#19
n-Nitroso-di-n-propylamine
Concen: 49.071 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

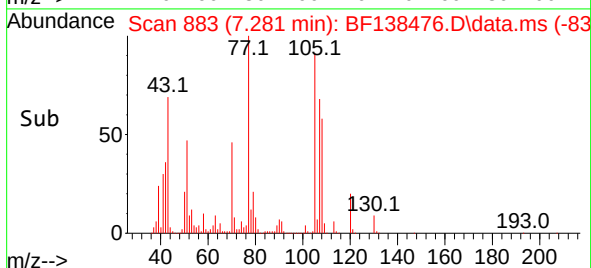
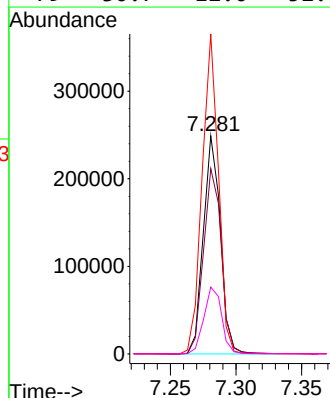
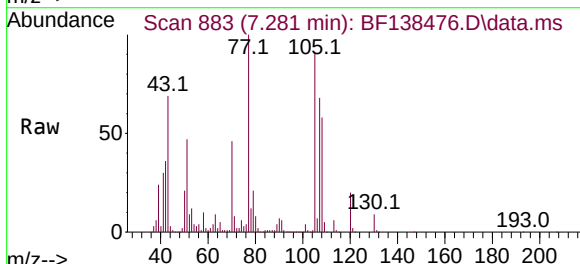
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD

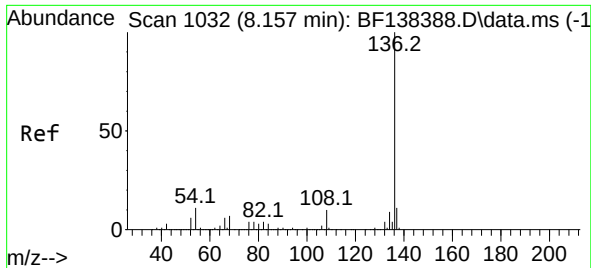
Tgt Ion: 70 Resp: 167248
Ion Ratio Lower Upper
70 100
42 72.5 62.5 93.7
101 9.8 7.0 10.4
130 20.9 15.2 22.8



#20
3+4-Methylphenols
Concen: 54.546 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion:107 Resp: 226305
Ion Ratio Lower Upper
107 100
108 84.9 70.8 110.8
77 146.7 104.0 144.0#
79 30.7 12.0 52.0

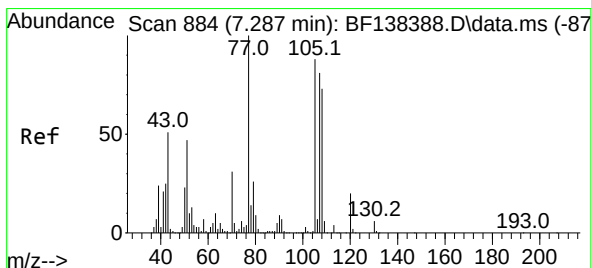
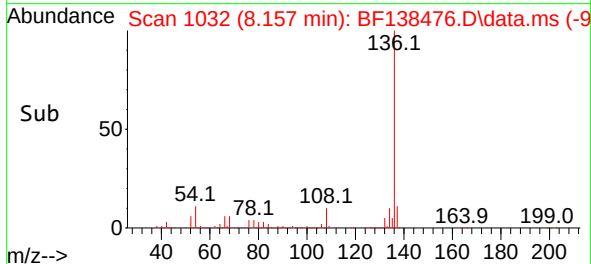
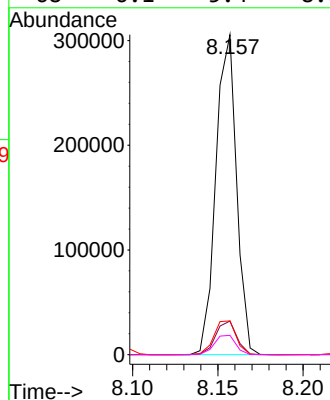
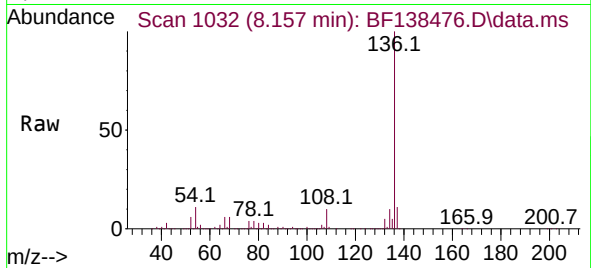




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

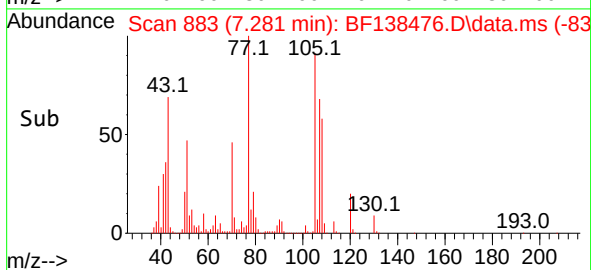
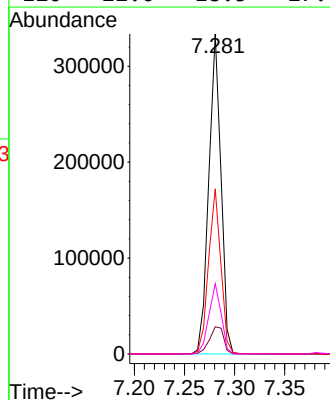
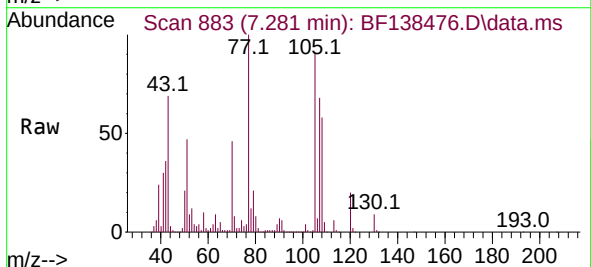
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD

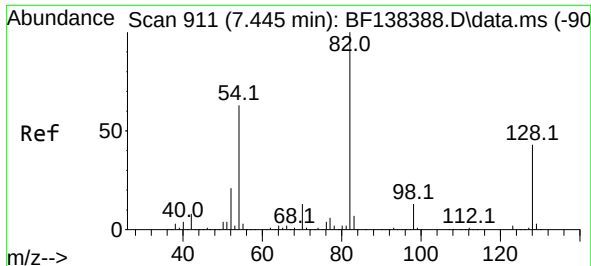
Tgt Ion:	136	Resp:	258400
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	10.6	9.0	13.4
68	6.1	5.4	8.0



#22
Acetophenone
Concen: 48.330 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion:	105	Resp:	283317
Ion	Ratio	Lower	Upper
105	100		
71	8.5	4.7	7.1#
51	51.6	43.2	64.8
120	22.0	18.5	27.7





#23

Nitrobenzene-d5

Concen: 90.374 ng

RT: 7.440 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MSD

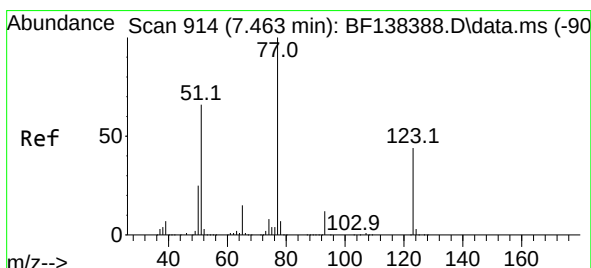
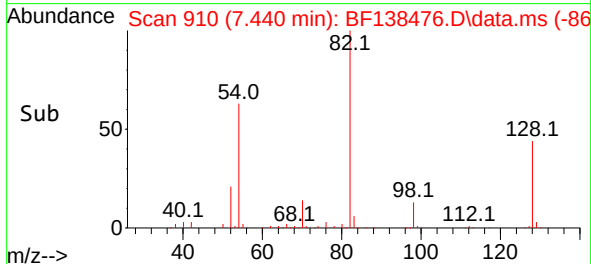
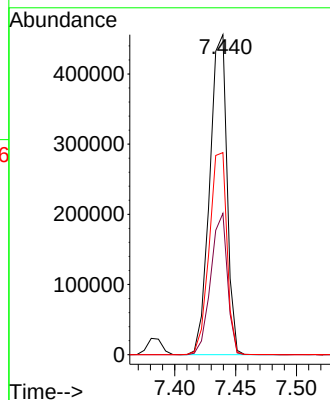
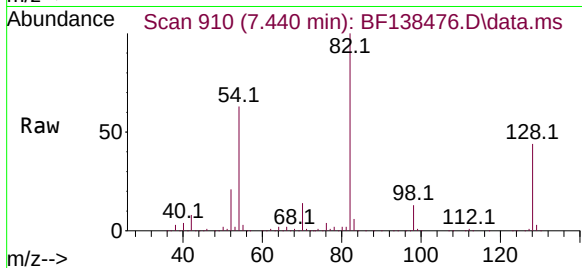
Tgt Ion: 82 Resp: 449539

Ion Ratio Lower Upper

82 100

128 44.1 34.6 52.0

54 63.1 50.5 75.7



#24

Nitrobenzene

Concen: 50.701 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

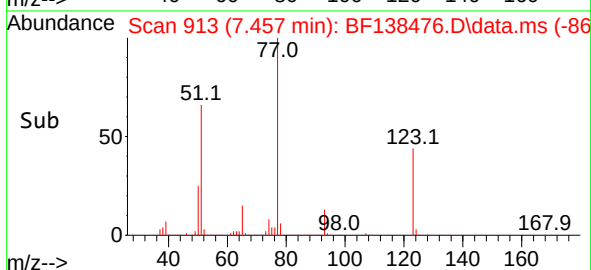
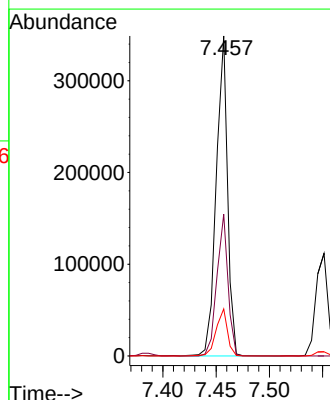
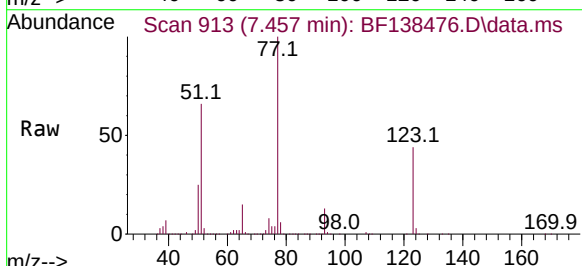
Tgt Ion: 77 Resp: 256512

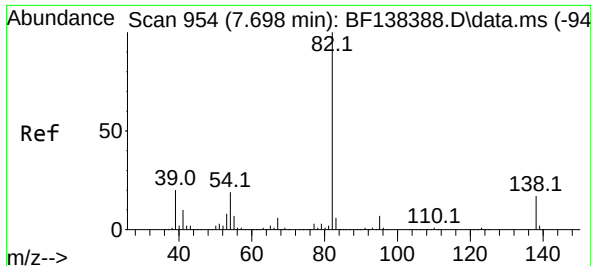
Ion Ratio Lower Upper

77 100

123 44.3 35.0 52.6

65 14.7 12.1 18.1

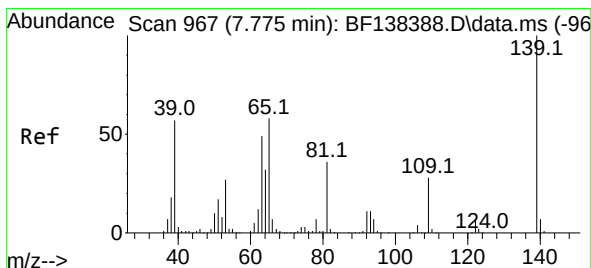
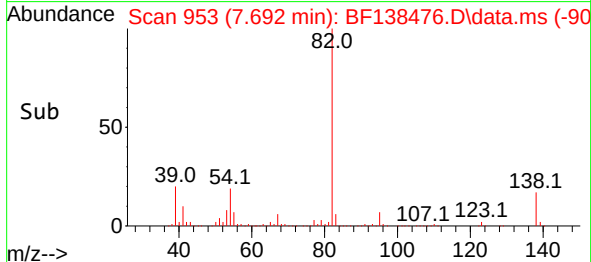
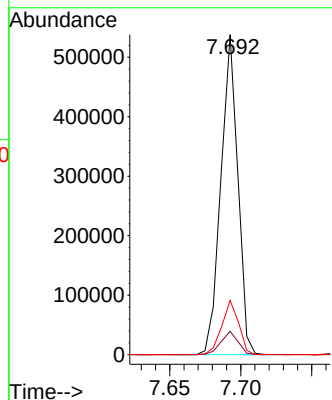
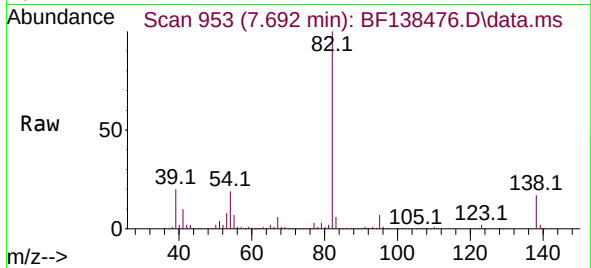




#25
Isophorone
Concen: 48.648 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

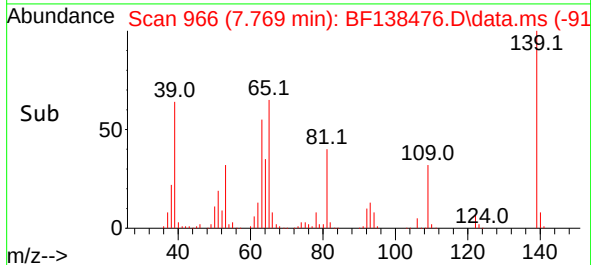
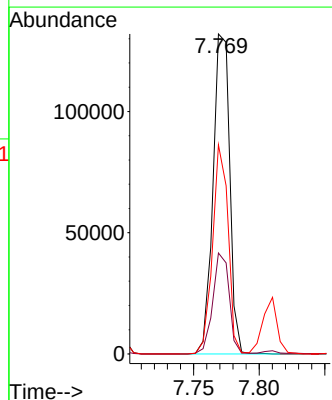
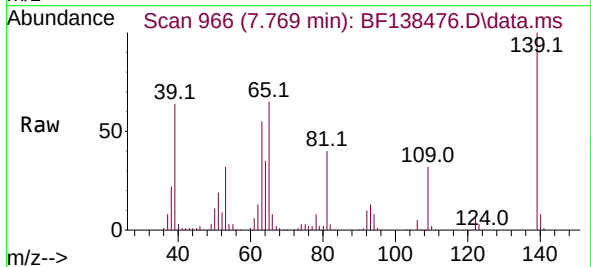
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD

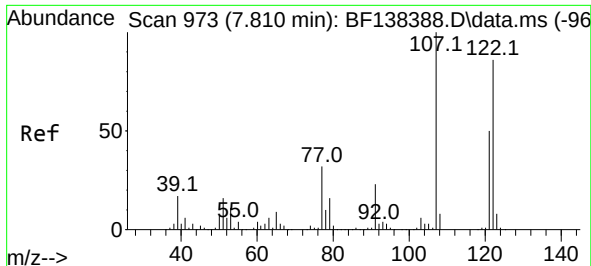
Tgt Ion: 82 Resp: 446202
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 17.0 13.4 20.2



#26
2-Nitrophenol
Concen: 53.571 ng
RT: 7.769 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion:139 Resp: 116905
Ion Ratio Lower Upper
139 100
109 31.5 22.5 33.7
65 65.3 46.2 69.2

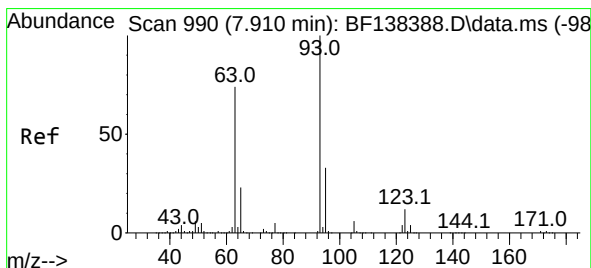
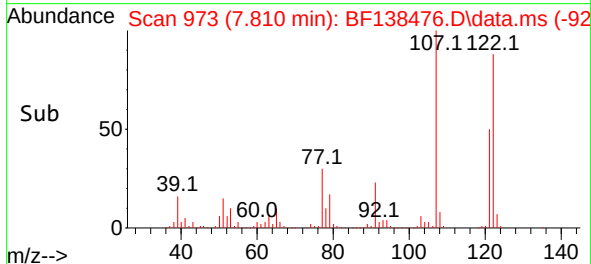
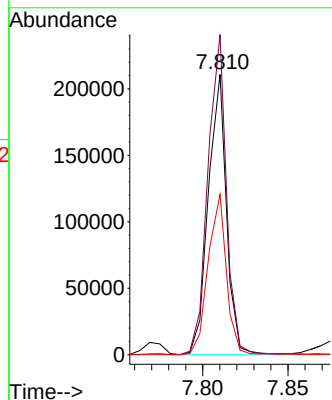
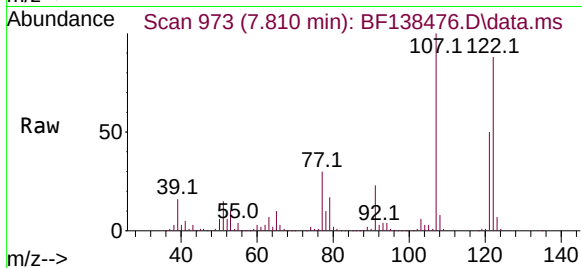




#27
2,4-Dimethylphenol
Concen: 56.072 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

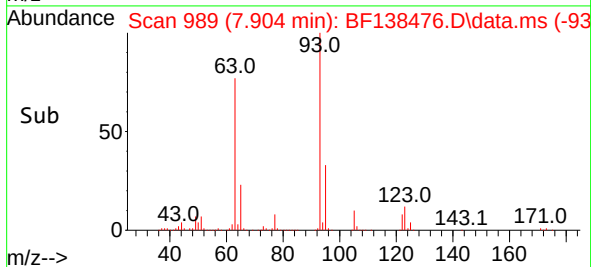
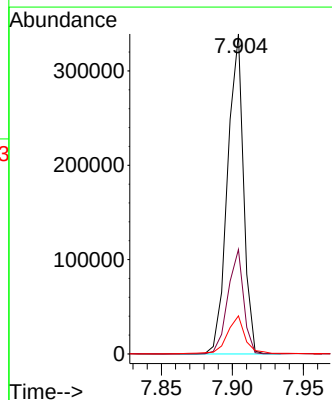
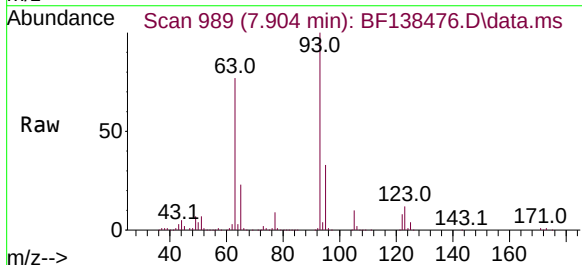
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD

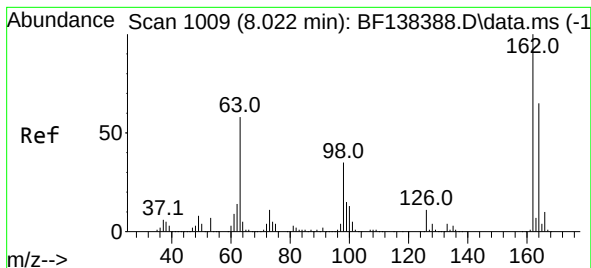
Tgt Ion:122 Resp: 156606
Ion Ratio Lower Upper
122 100
107 114.1 92.5 138.7
121 57.2 46.5 69.7



#28
bis(2-Chloroethoxy)methane
Concen: 47.995 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion: 93 Resp: 264970
Ion Ratio Lower Upper
93 100
95 32.7 26.6 40.0
123 11.9 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 50.205 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MSD

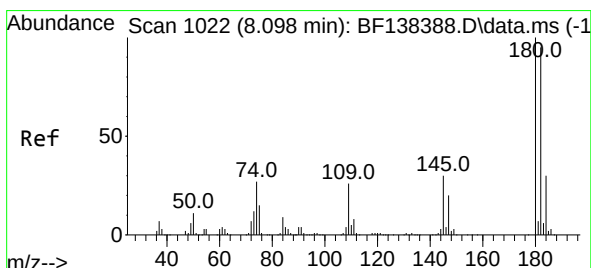
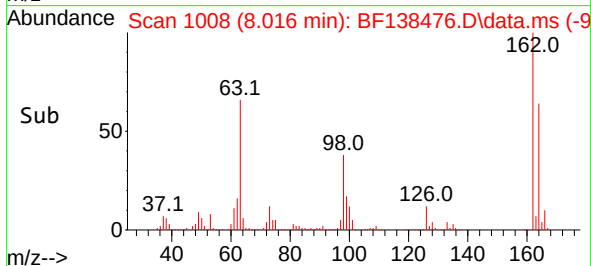
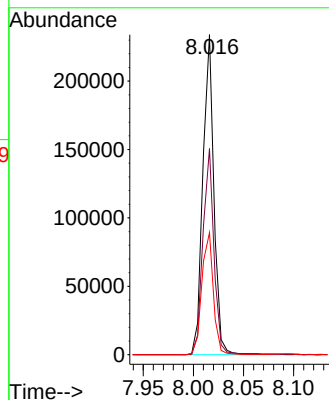
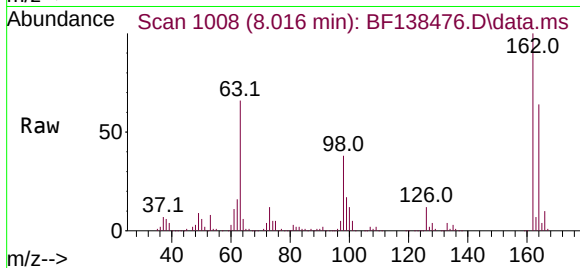
Tgt Ion:162 Resp: 180096

Ion Ratio Lower Upper

162 100

164 64.4 45.4 85.4

98 38.2 15.2 55.2



#30

1,2,4-Trichlorobenzene

Concen: 47.398 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

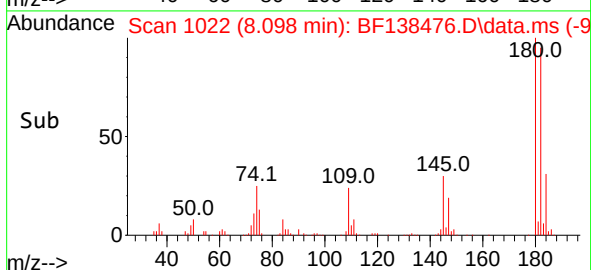
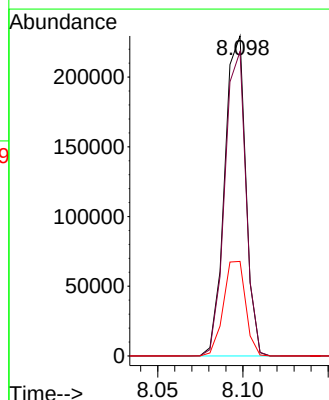
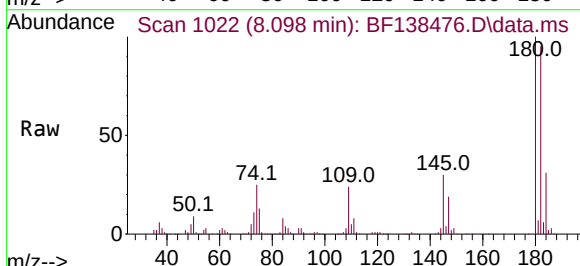
Tgt Ion:180 Resp: 197690

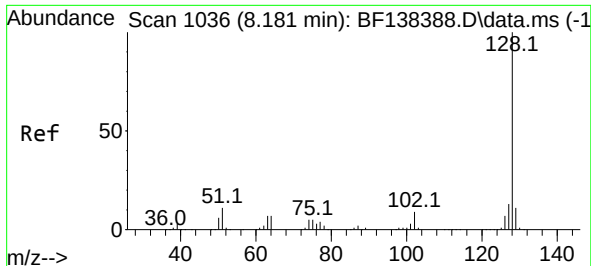
Ion Ratio Lower Upper

180 100

182 95.2 76.0 114.0

145 29.6 24.2 36.2

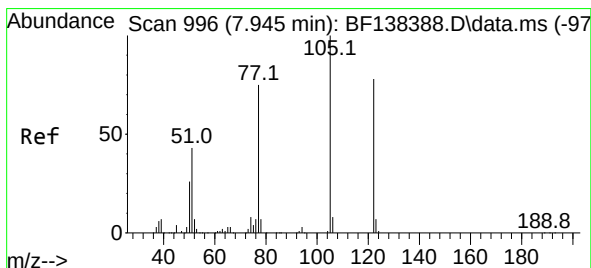
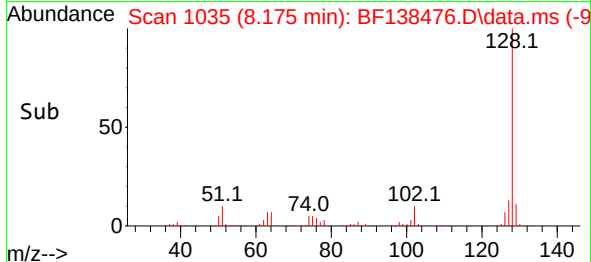
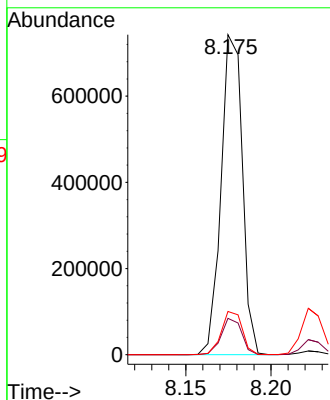
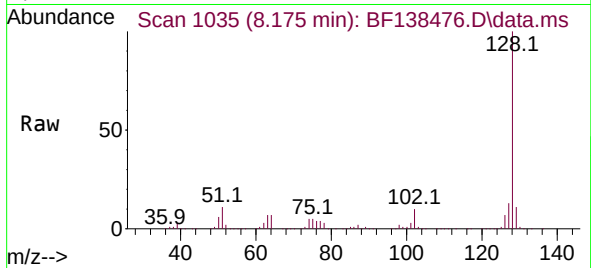




#31
Naphthalene
Concen: 49.405 ng
RT: 8.175 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

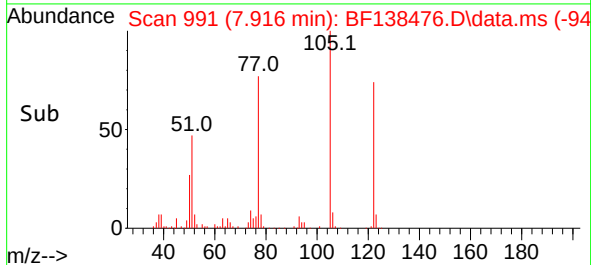
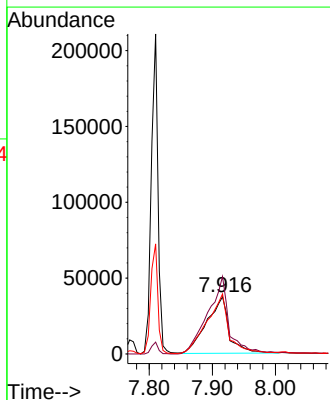
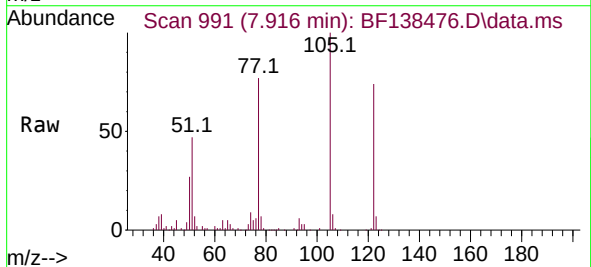
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD

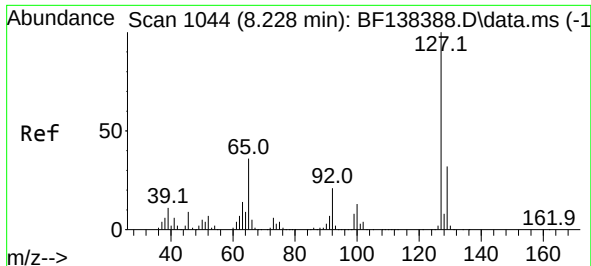
Tgt Ion:128 Resp: 645370
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.5 10.6 16.0



#32
Benzoic acid
Concen: 37.169 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.029 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion:122 Resp: 92305
Ion Ratio Lower Upper
122 100
105 135.7 103.8 143.8
77 105.0 74.3 114.3

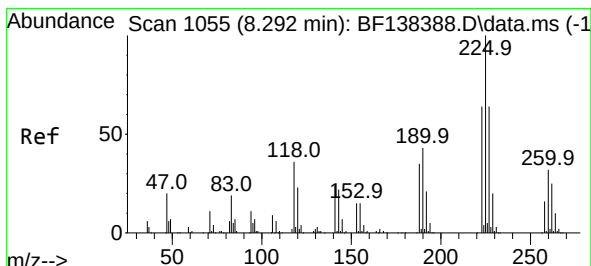
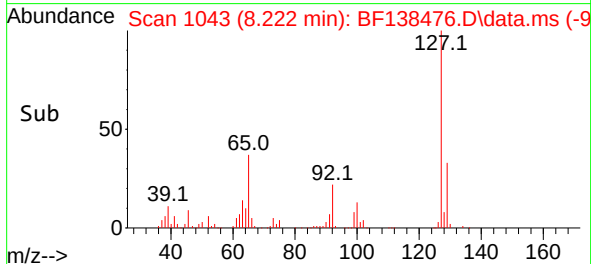
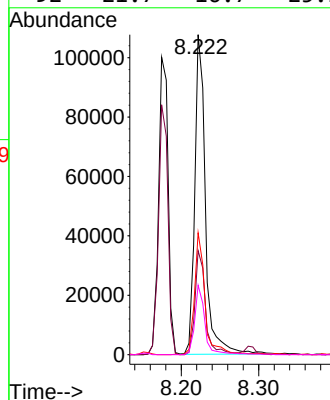
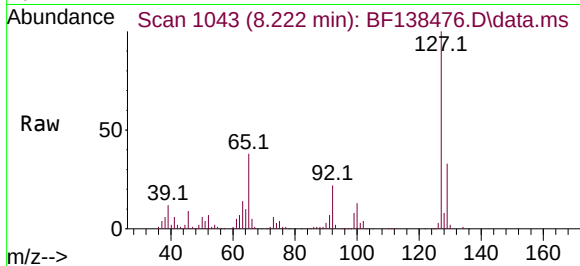




#33
4-Chloroaniline
Concen: 22.712 ng
RT: 8.222 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

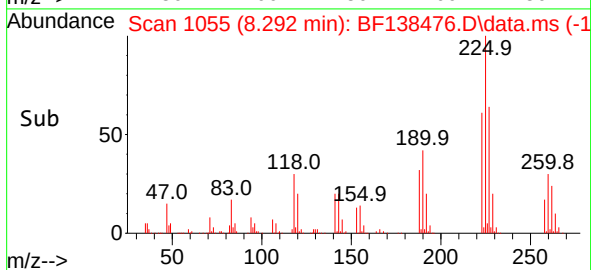
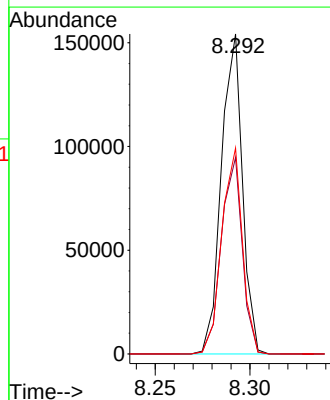
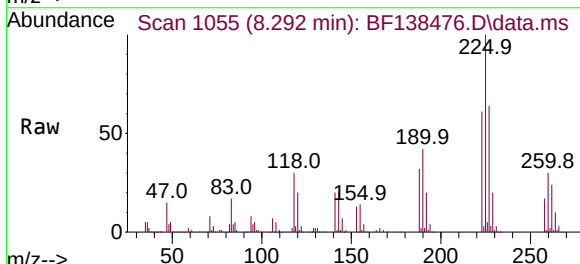
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD

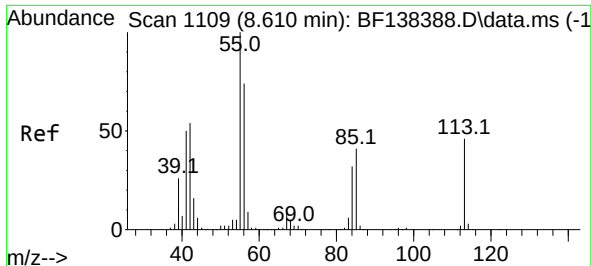
Tgt Ion:127	Resp: 103615
Ion Ratio	Lower Upper
127 100	
129 32.5	25.4 38.2
65 38.1	28.7 43.1
92 21.7	16.7 25.1



#34
Hexachlorobutadiene
Concen: 47.512 ng
RT: 8.292 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion:225	Resp: 118978
Ion Ratio	Lower Upper
225 100	
223 61.4	51.0 76.6
227 64.3	51.2 76.8

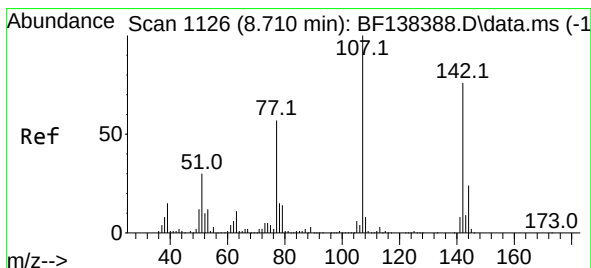
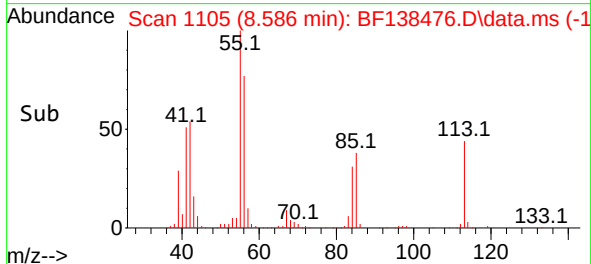
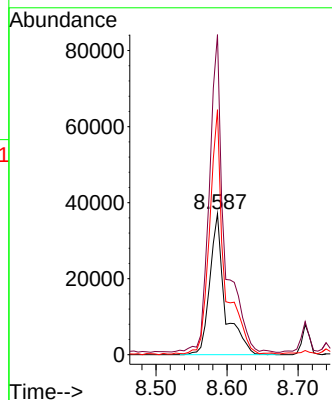
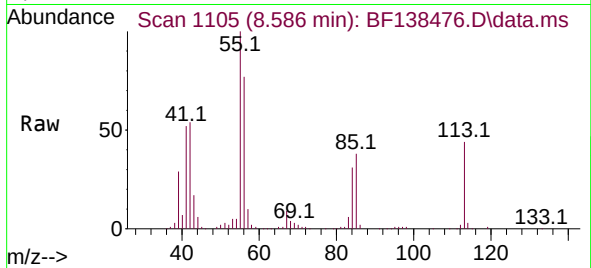




#35
 Caprolactam
 Concen: 48.811 ng
 RT: 8.586 min Scan# 1109
 Delta R.T. -0.023 min
 Lab File: BF138476.D
 Acq: 05 Jul 2024 19:06

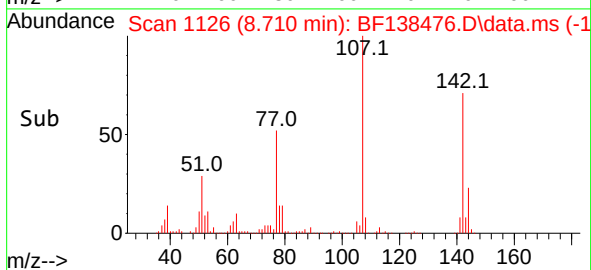
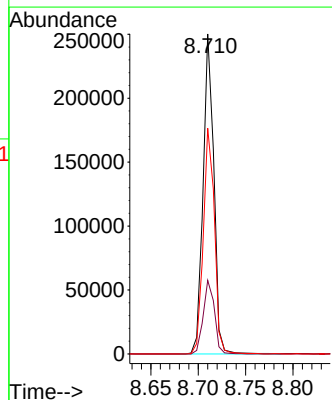
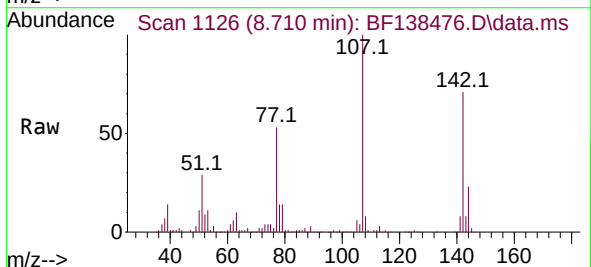
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-070324MSD

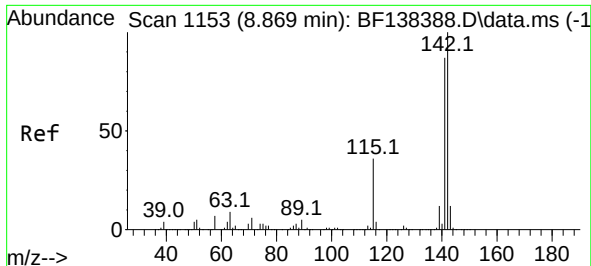
Tgt Ion:113 Resp: 55291
 Ion Ratio Lower Upper
 113 100
 55 227.0 195.9 235.9
 56 173.9 138.7 178.7



#36
 4-Chloro-3-methylphenol
 Concen: 51.501 ng
 RT: 8.710 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: BF138476.D
 Acq: 05 Jul 2024 19:06

Tgt Ion:107 Resp: 196783
 Ion Ratio Lower Upper
 107 100
 144 23.0 19.2 28.8
 142 70.6 61.0 91.6

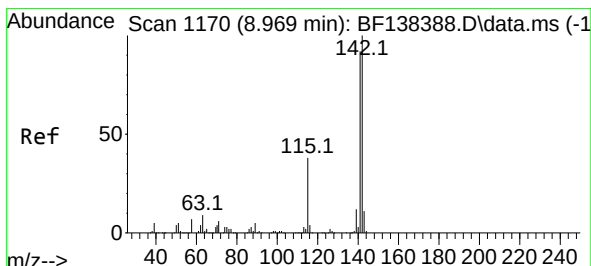
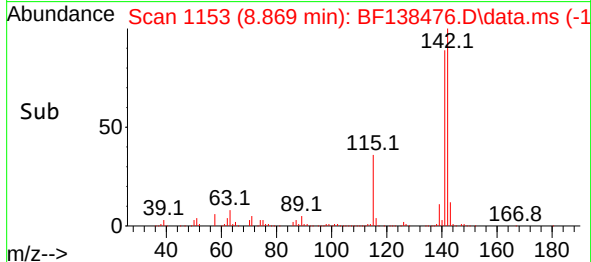
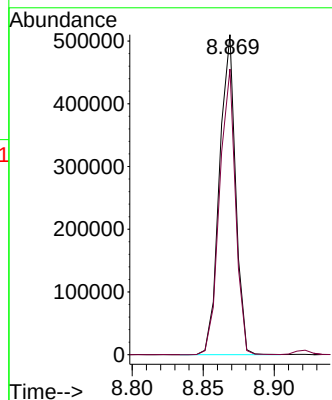
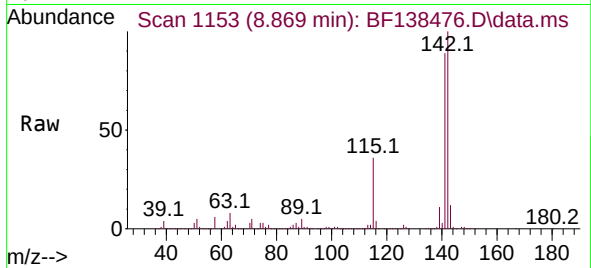




#37
2-Methylnaphthalene
Concen: 47.380 ng
RT: 8.869 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

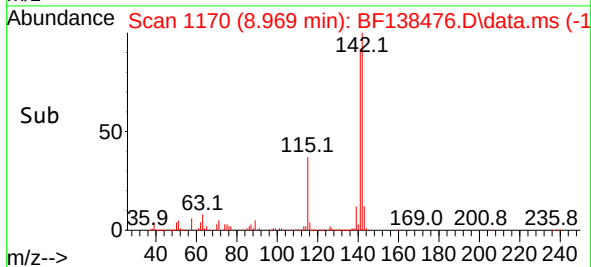
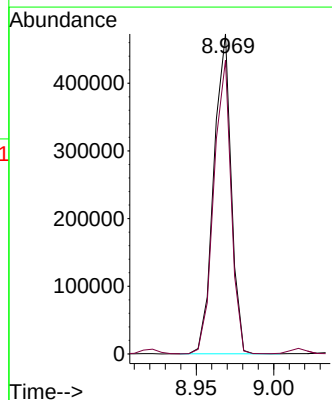
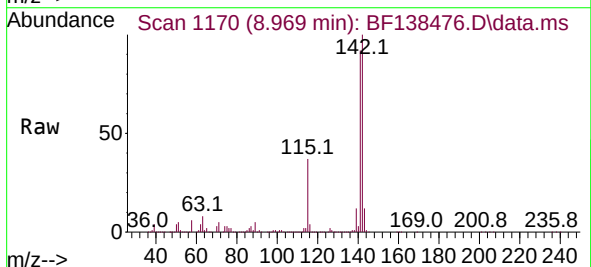
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD

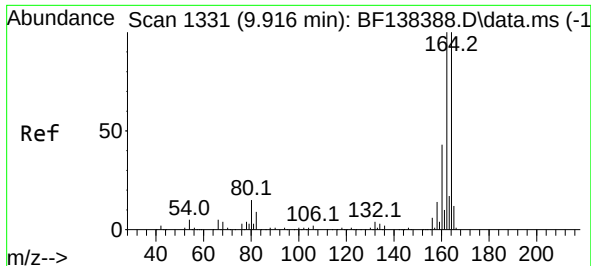
Tgt Ion:142 Resp: 400007
Ion Ratio Lower Upper
142 100
141 89.3 69.6 104.4



#38
1-Methylnaphthalene
Concen: 45.061 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion:142 Resp: 368947
Ion Ratio Lower Upper
142 100
141 91.8 73.7 110.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138476.D

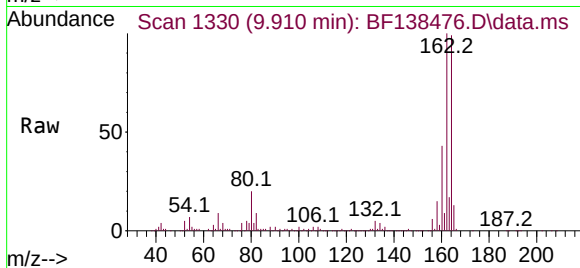
Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MSD



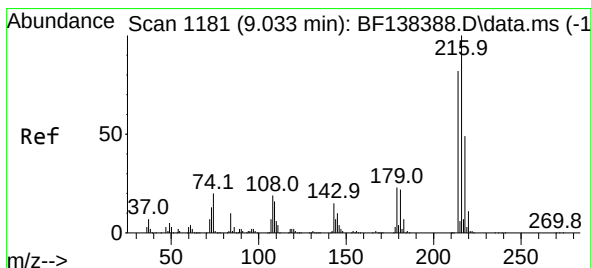
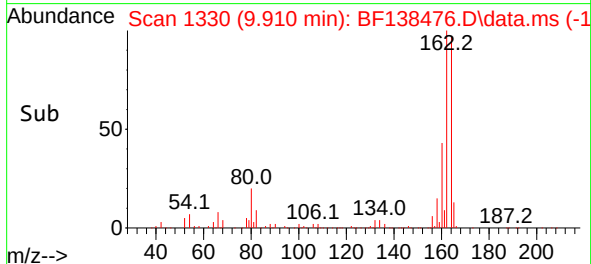
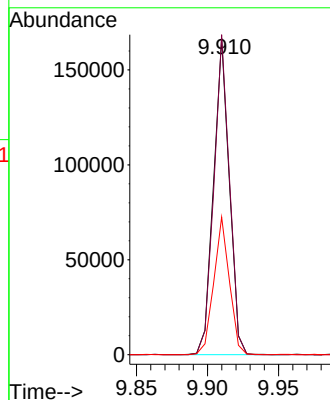
Tgt Ion:164 Resp: 128312

Ion Ratio Lower Upper

164 100

162 101.1 80.1 120.1

160 43.5 34.1 51.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.626 ng

RT: 9.034 min Scan# 1181

Delta R.T. 0.001 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

Tgt Ion:216 Resp: 172580

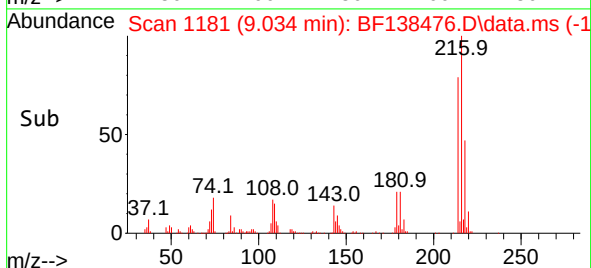
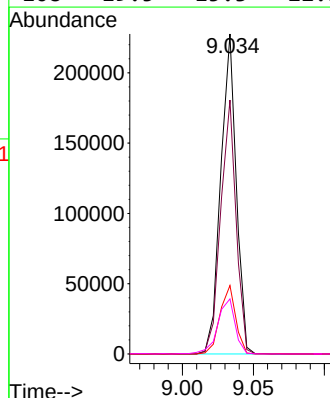
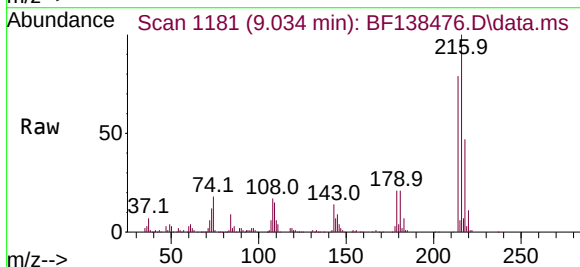
Ion Ratio Lower Upper

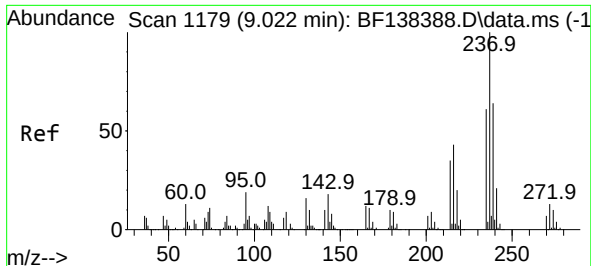
216 100

214 78.7 64.2 96.4

179 21.7 17.4 26.0

108 19.5 15.3 22.9

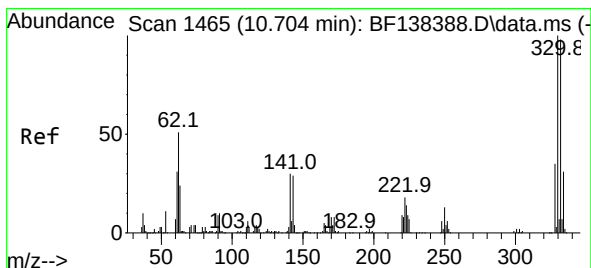
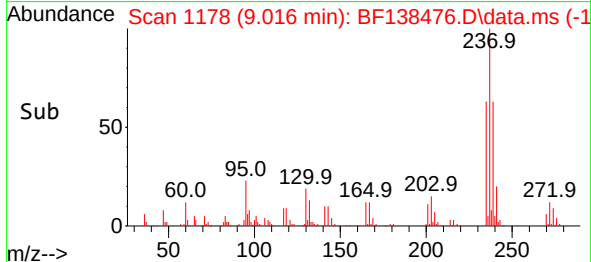
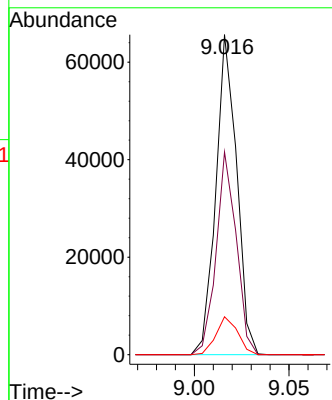
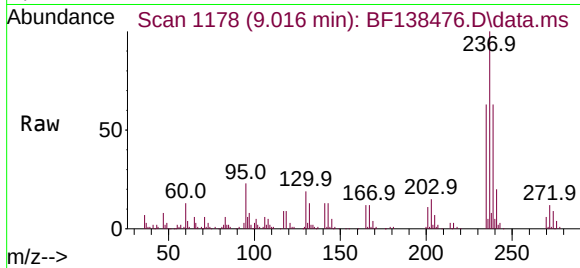




#41
Hexachlorocyclopentadiene
Concen: 48.111 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

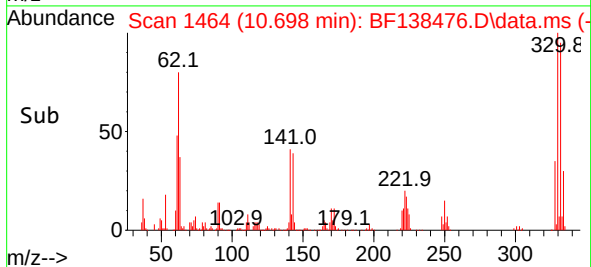
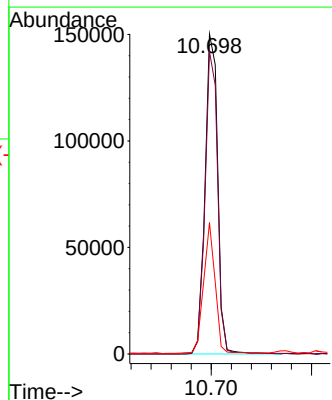
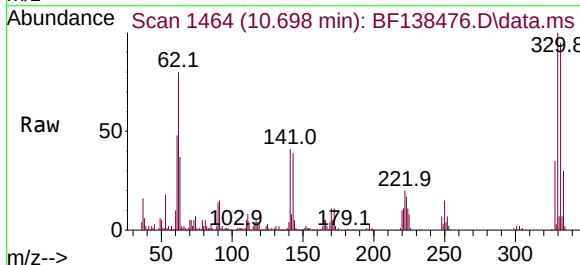
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD

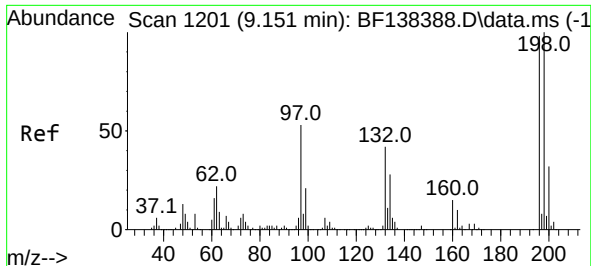
Tgt Ion:237	Resp:	50261
Ion Ratio	Lower	Upper
237	100	
235	63.4	41.4 81.4
272	11.8	0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 126.788 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion:330	Resp:	132915
Ion Ratio	Lower	Upper
330	100	
332	94.0	77.0 115.6
141	37.2	28.1 42.1





#43

2,4,6-Trichlorophenol

Concen: 53.043 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MSD

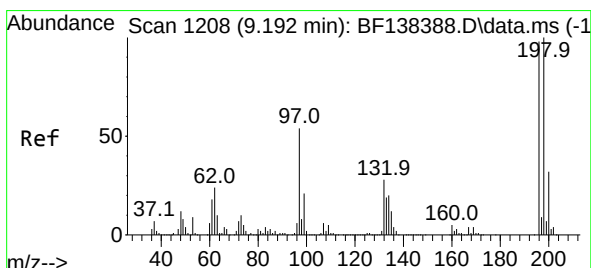
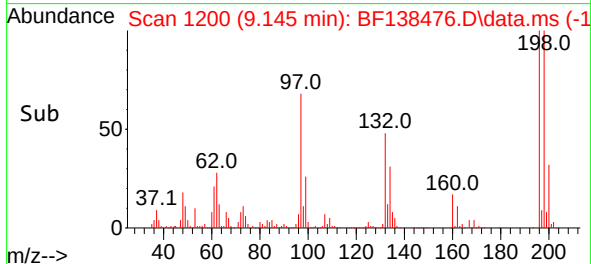
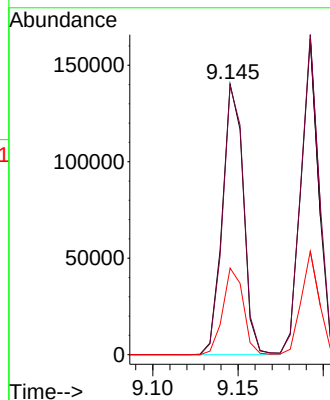
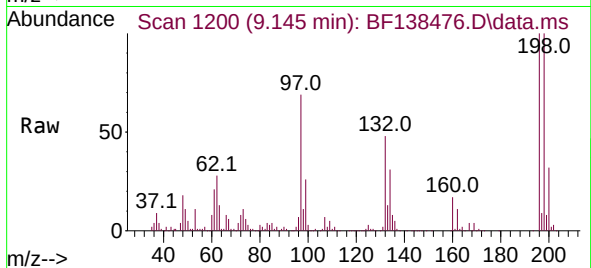
Tgt Ion:196 Resp: 119790

Ion Ratio Lower Upper

196 100

198 99.5 81.8 122.8

200 32.0 26.2 39.4



#44

2,4,5-Trichlorophenol

Concen: 49.623 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

Tgt Ion:196 Resp: 121879

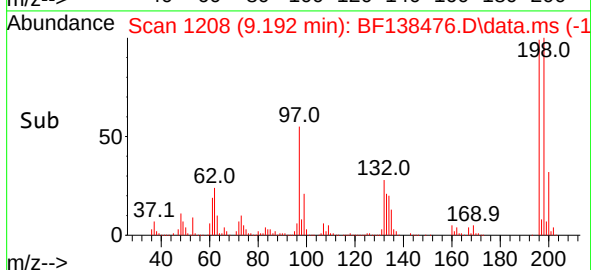
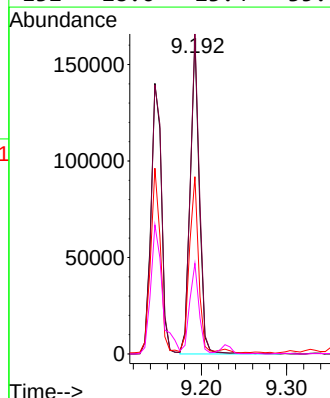
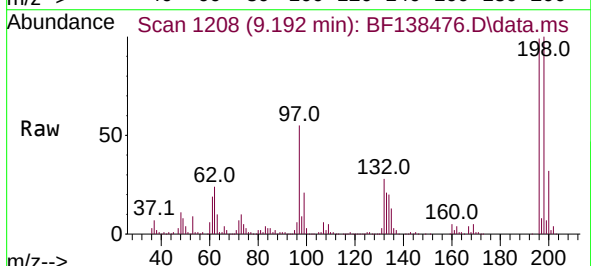
Ion Ratio Lower Upper

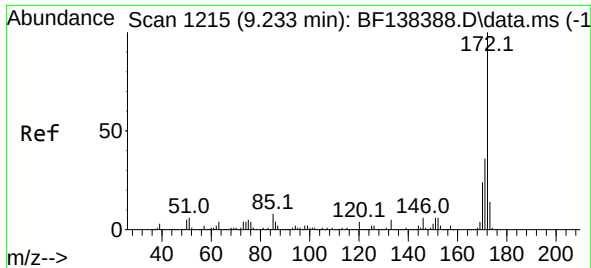
196 100

198 101.3 81.8 122.6

97 56.1 44.2 66.4

132 28.6 23.4 35.0

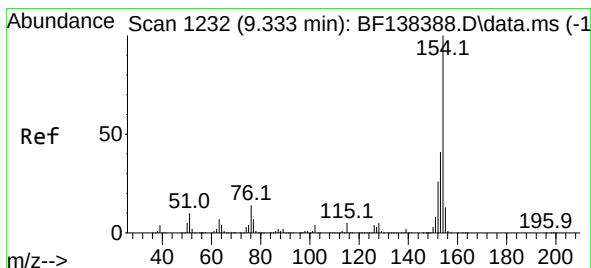
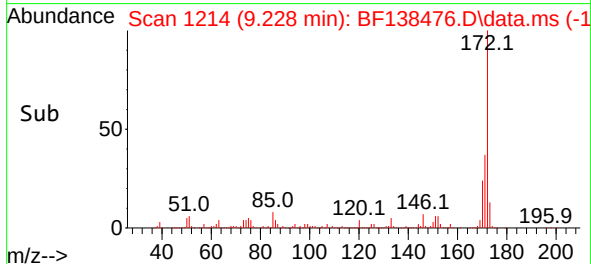
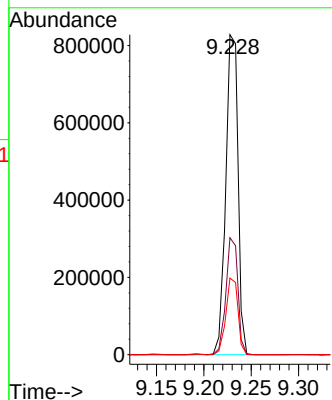
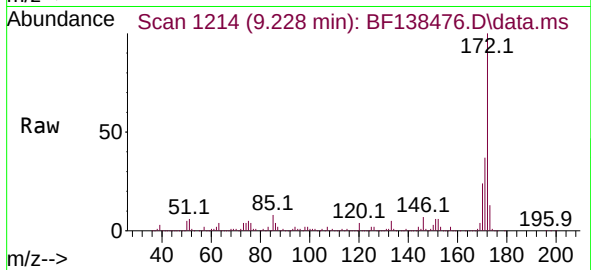




#45
2-Fluorobiphenyl
Concen: 92.763 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.005 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

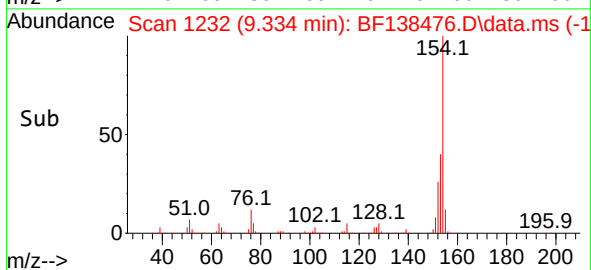
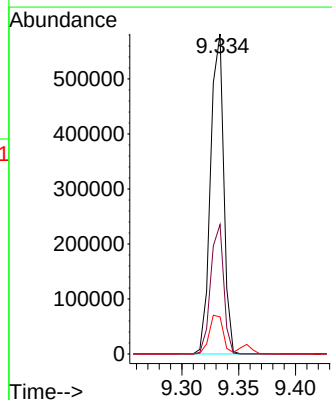
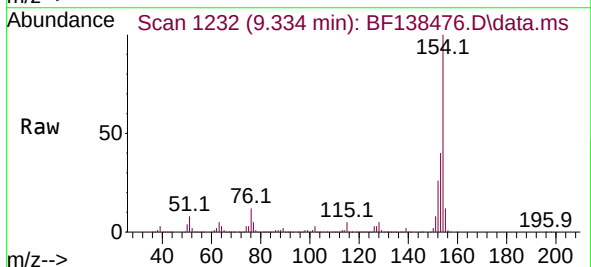
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD

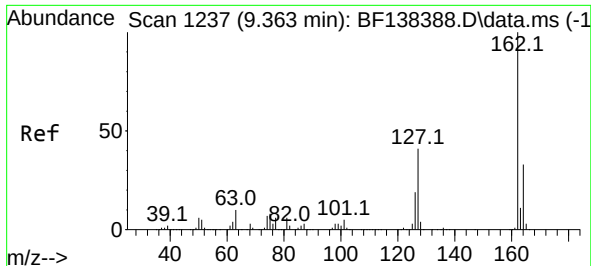
Tgt Ion:172 Resp: 747908
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.4
170 24.0 19.0 28.6



#46
1,1'-Biphenyl
Concen: 48.684 ng
RT: 9.334 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion:154 Resp: 466424
Ion Ratio Lower Upper
154 100
153 40.4 20.5 60.5
76 11.6 0.0 34.4

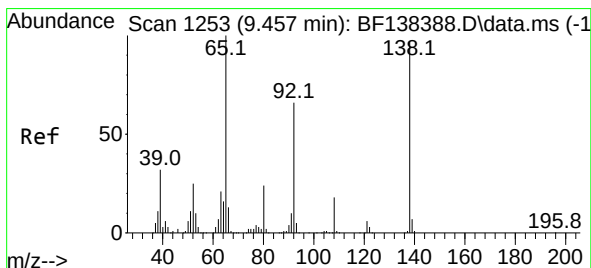
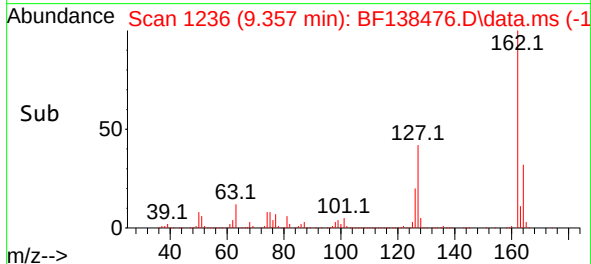
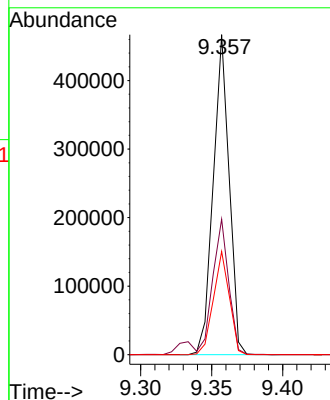
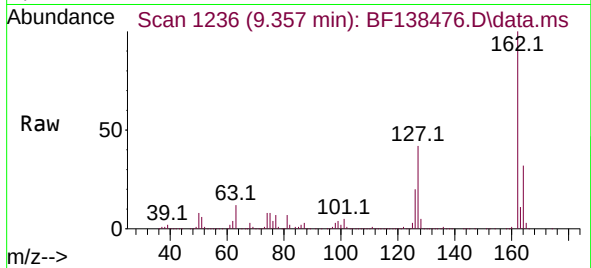




#47
2-Chloronaphthalene
Concen: 49.650 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

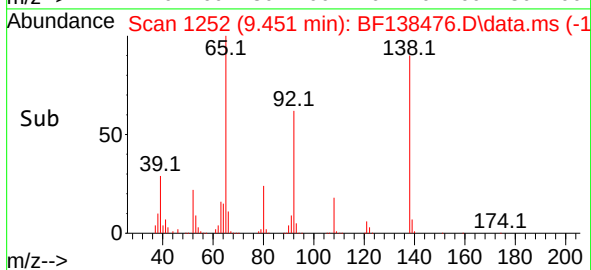
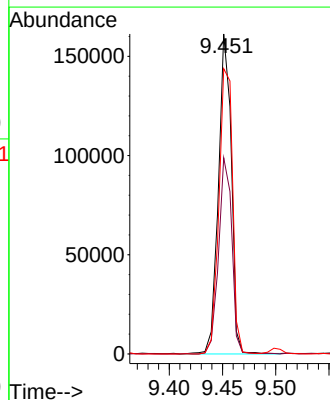
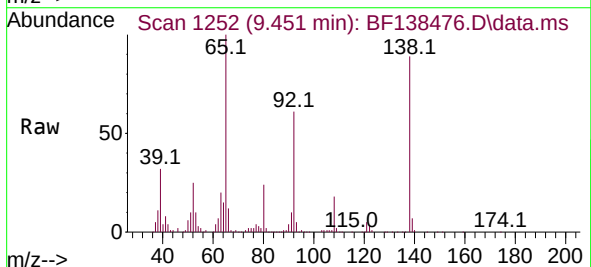
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD

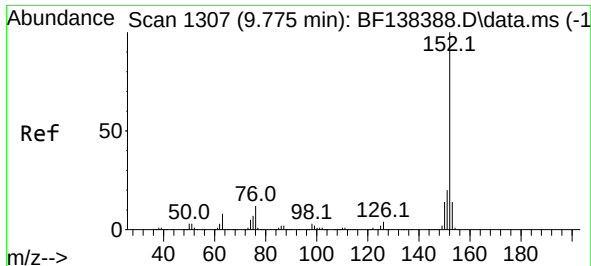
Tgt Ion:162 Resp: 362682
Ion Ratio Lower Upper
162 100
127 42.3 32.7 49.1
164 32.2 26.6 40.0



#48
2-Nitroaniline
Concen: 57.611 ng
RT: 9.451 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion: 65 Resp: 135748
Ion Ratio Lower Upper
65 100
92 61.3 52.6 79.0
138 89.1 77.4 116.0

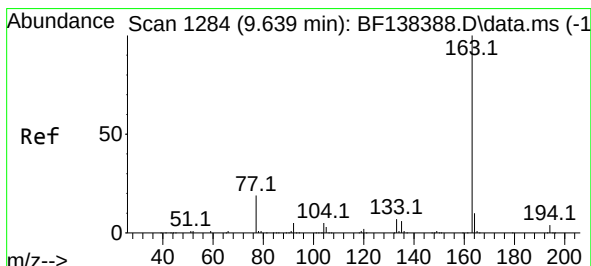
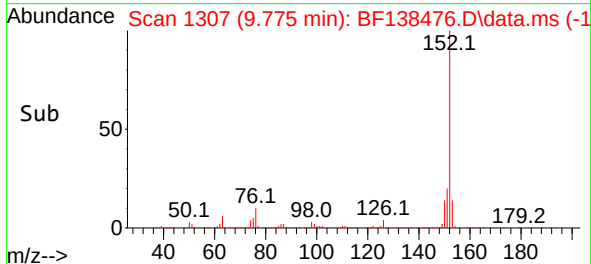
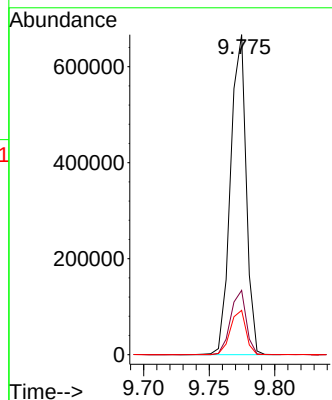
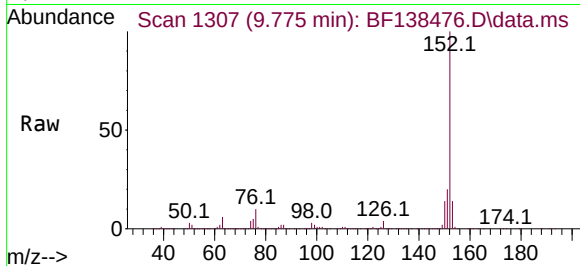




#49
Acenaphthylene
Concen: 53.876 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

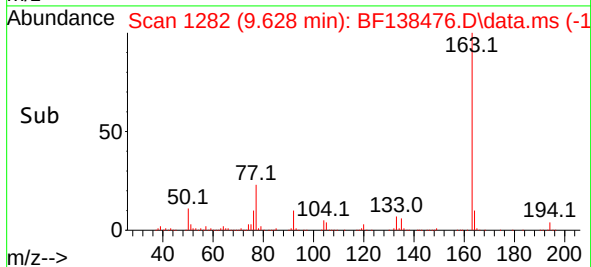
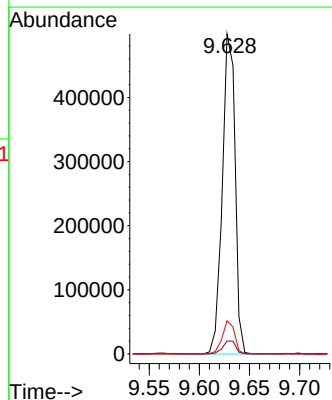
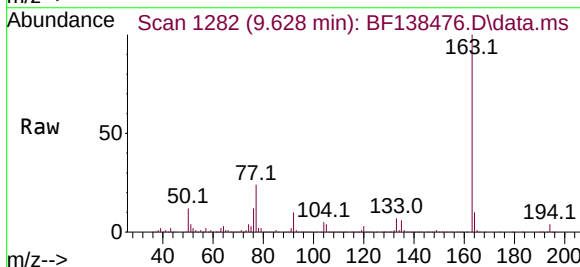
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD

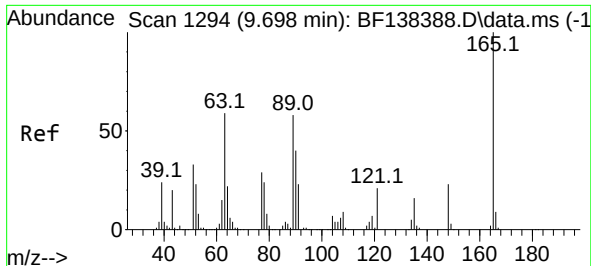
Tgt Ion:152 Resp: 553481
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.9 11.4 17.2



#50
Dimethylphthalate
Concen: 53.648 ng
RT: 9.628 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion:163 Resp: 442399
Ion Ratio Lower Upper
163 100
194 4.0 3.5 5.3
164 10.4 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 50.764 ng

RT: 9.692 min Scan# 1294

Delta R.T. -0.006 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MSD

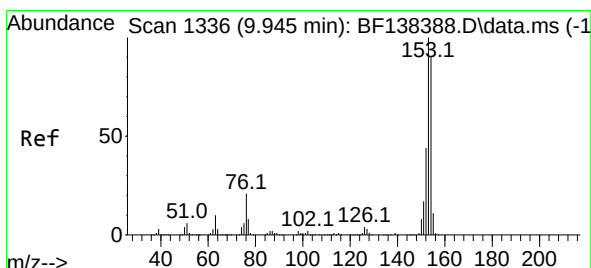
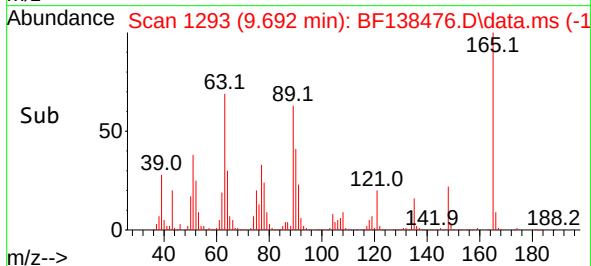
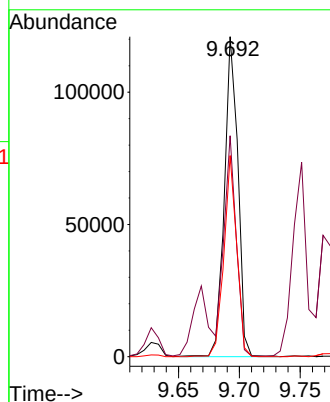
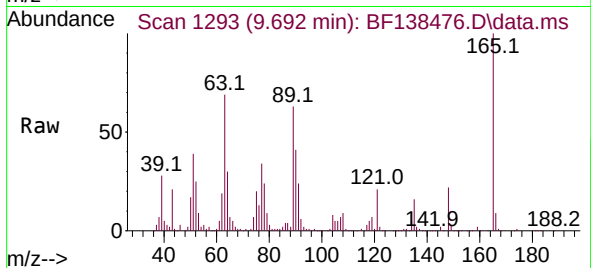
Tgt Ion:165 Resp: 93755

Ion Ratio Lower Upper

165 100

63 69.0 53.8 80.8

89 62.8 46.4 69.6



#52

Acenaphthene

Concen: 47.164 ng

RT: 9.945 min Scan# 1336

Delta R.T. 0.000 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

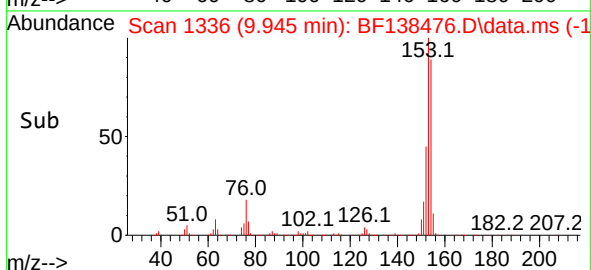
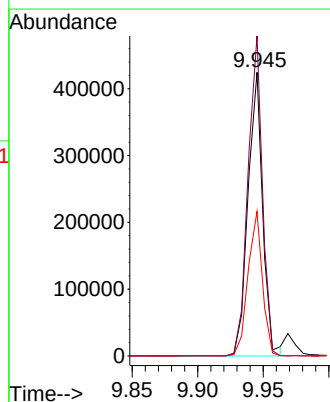
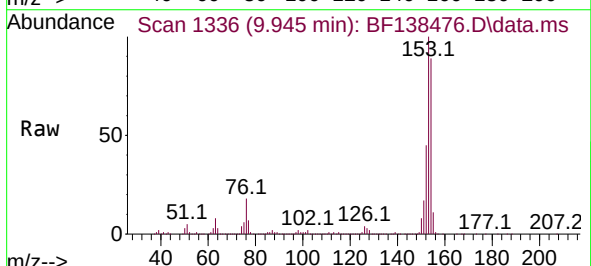
Tgt Ion:154 Resp: 331767

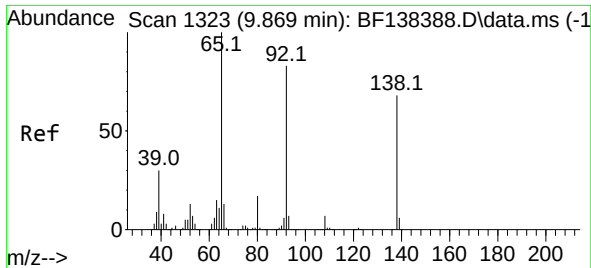
Ion Ratio Lower Upper

154 100

153 112.8 89.4 134.0

152 50.9 39.7 59.5

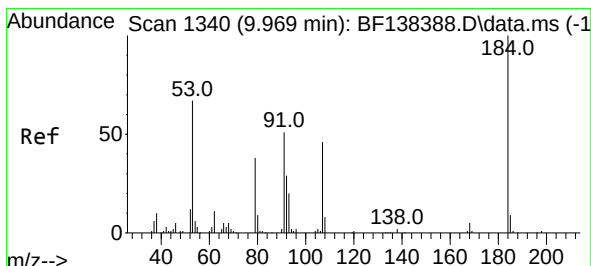
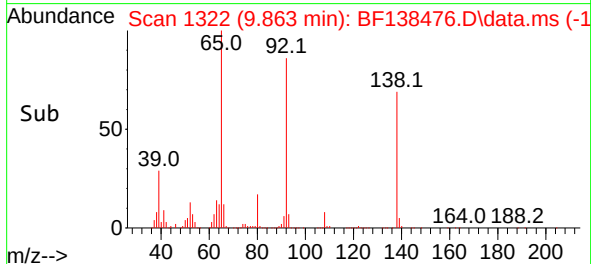
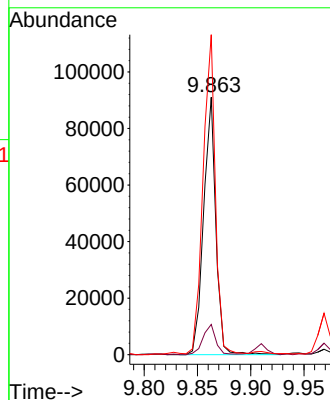
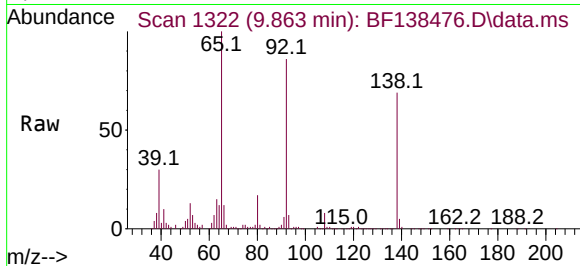




#53
3-Nitroaniline
Concen: 39.986 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

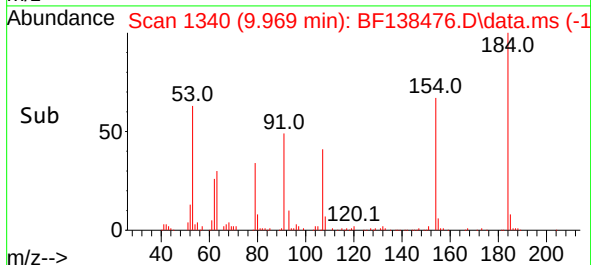
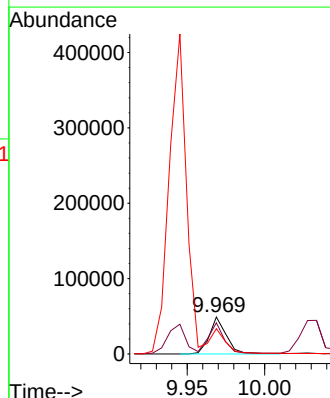
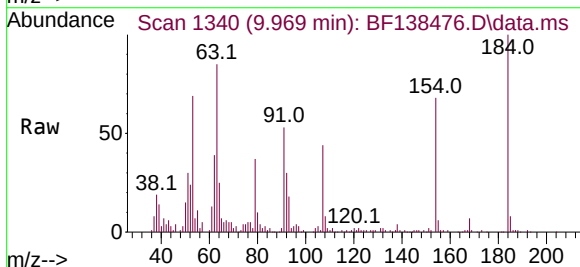
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD

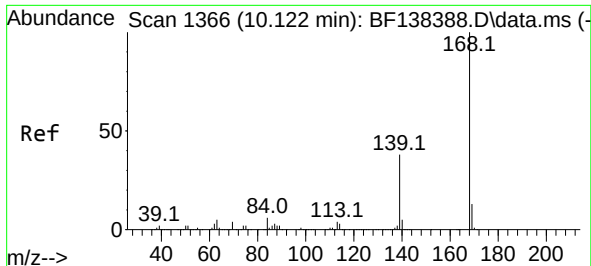
Tgt Ion:138 Resp: 72938
Ion Ratio Lower Upper
138 100
108 11.8 8.6 12.8
92 124.3 97.3 145.9



#54
2,4-Dinitrophenol
Concen: 51.821 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion:184 Resp: 37715
Ion Ratio Lower Upper
184 100
63 84.6 67.3 100.9
154 68.3 51.0 76.4

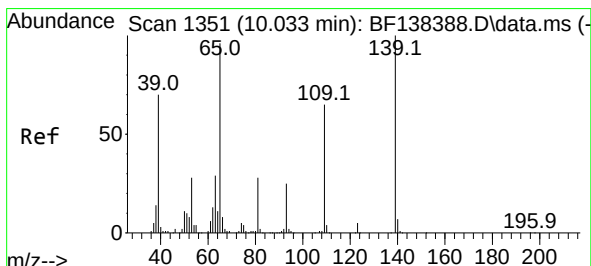
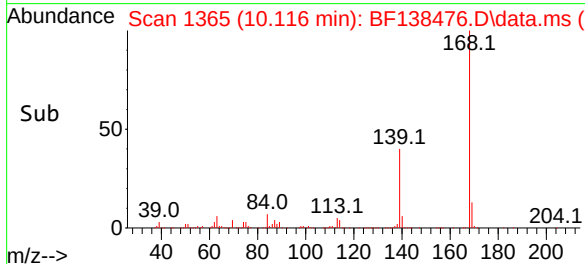
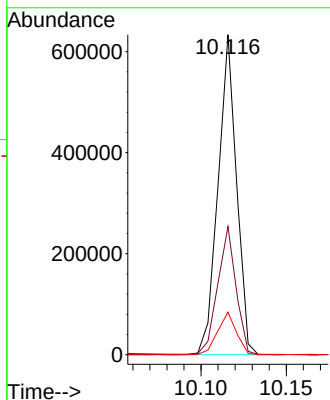
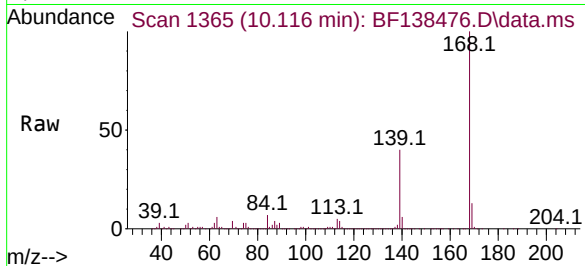




#55
Dibenzenofuran
Concen: 49.274 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

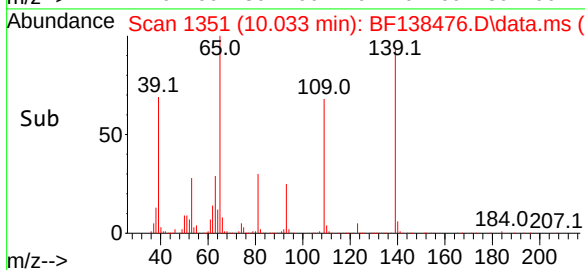
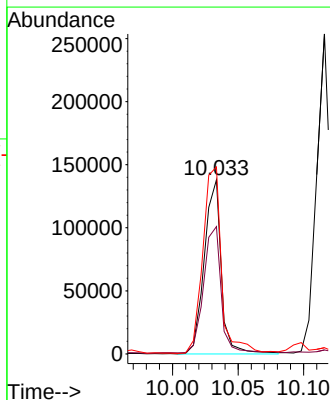
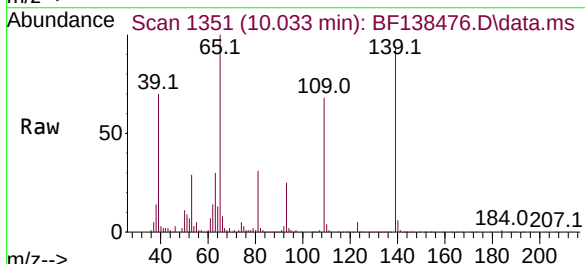
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD

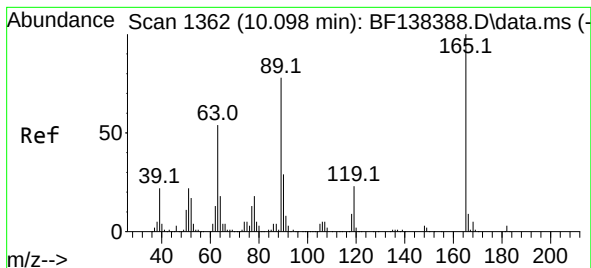
Tgt Ion:168 Resp: 477567
Ion Ratio Lower Upper
168 100
139 40.0 30.4 45.6
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 105.705 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion:139 Resp: 125016
Ion Ratio Lower Upper
139 100
109 73.2 44.6 84.6
65 107.5 75.9 115.9

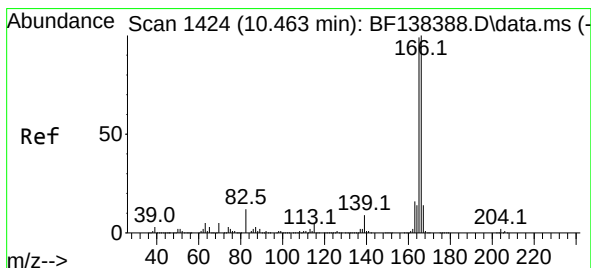
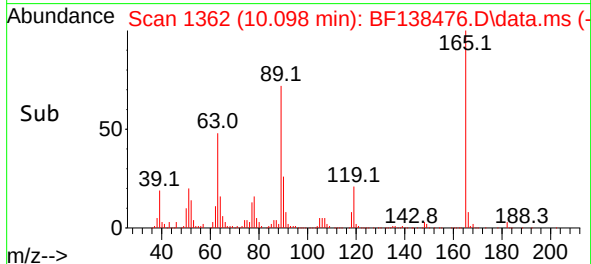
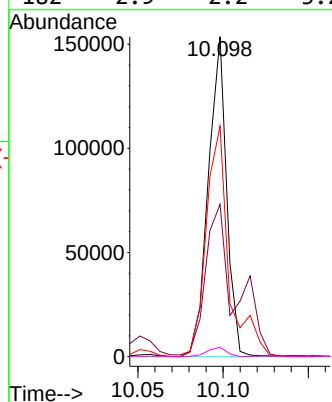
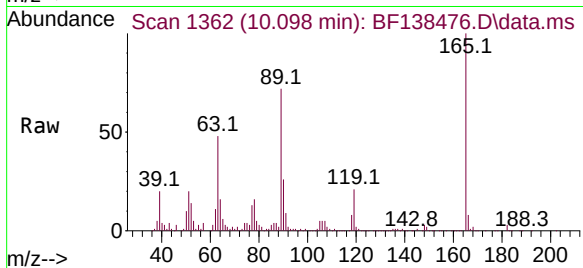




#57
2,4-Dinitrotoluene
Concen: 50.848 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

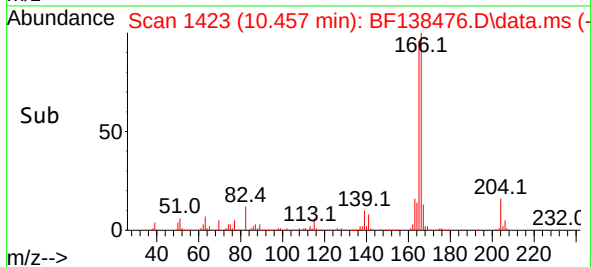
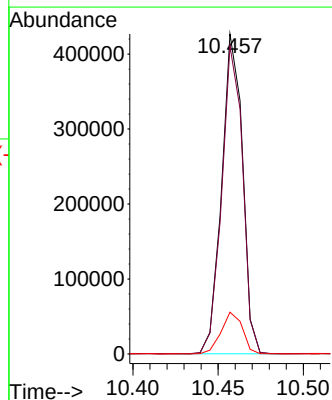
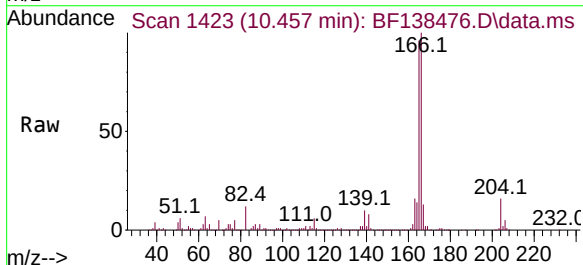
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD

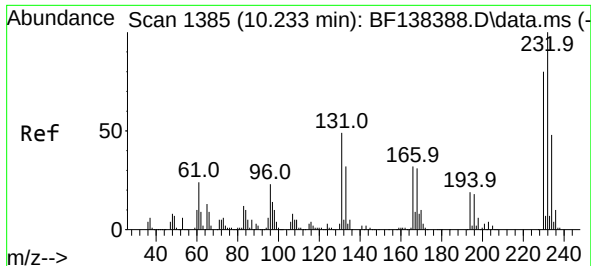
Tgt Ion:	165	Resp:	115629
Ion	Ratio	Lower	Upper
165	100		
63	47.6	43.4	65.2
89	72.1	62.6	93.8
182	2.9	2.2	3.2



#58
Fluorene
Concen: 47.030 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion:	166	Resp:	362191
Ion	Ratio	Lower	Upper
166	100		
165	96.2	79.0	118.6
167	13.1	10.8	16.2

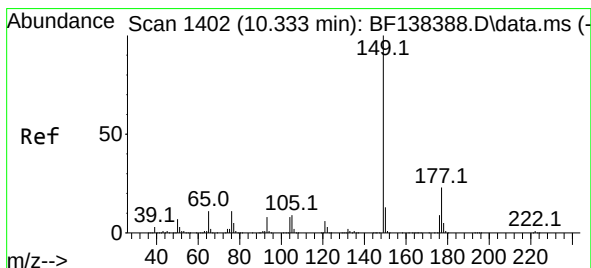
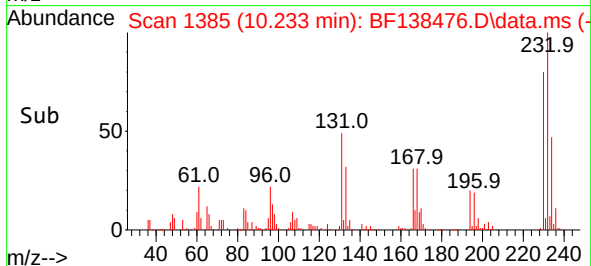
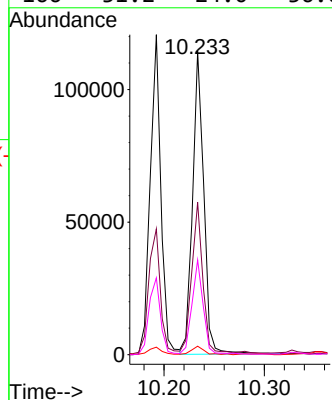
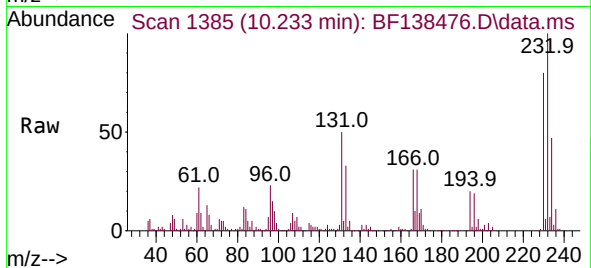




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.646 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

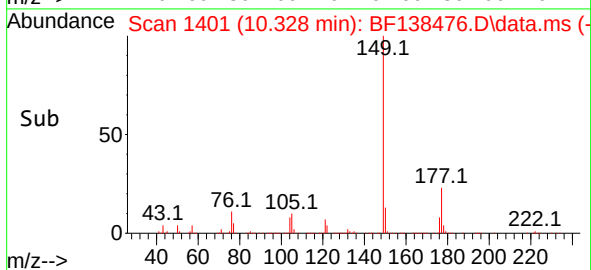
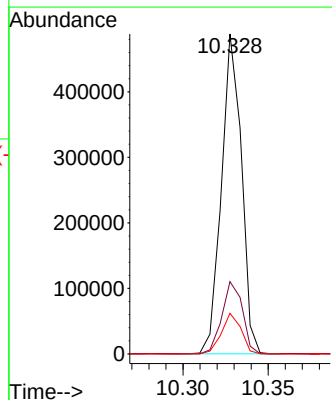
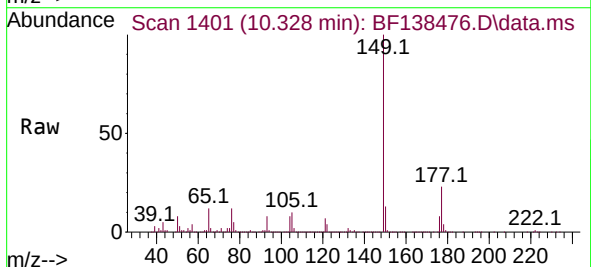
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD

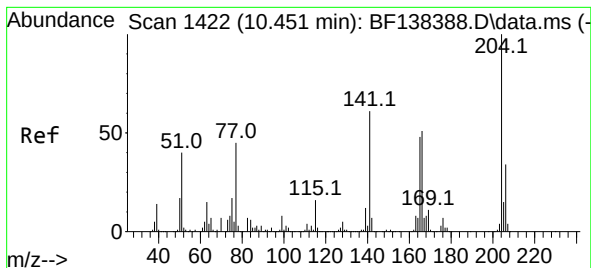
Tgt Ion:232 Resp: 88743
Ion Ratio Lower Upper
232 100
131 48.1 36.6 55.0
130 3.3 1.8 2.8#
166 31.2 24.0 36.0



#60
Diethylphthalate
Concen: 51.593 ng
RT: 10.328 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion:149 Resp: 397781
Ion Ratio Lower Upper
149 100
177 22.6 18.4 27.6
150 12.7 10.2 15.2

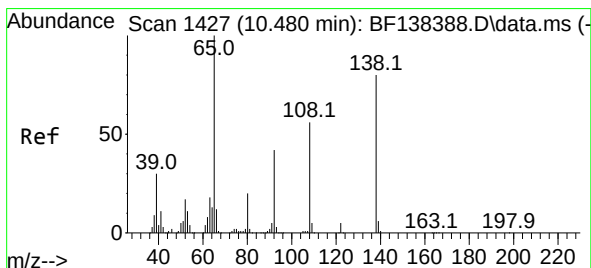
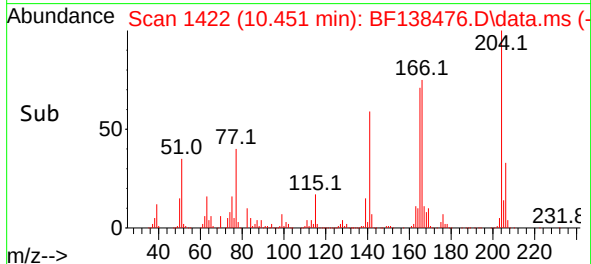
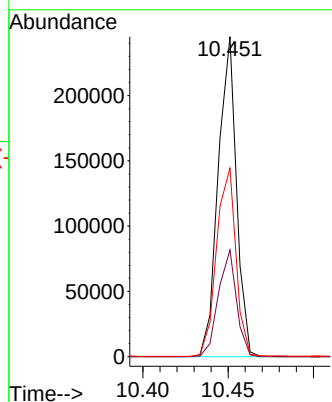
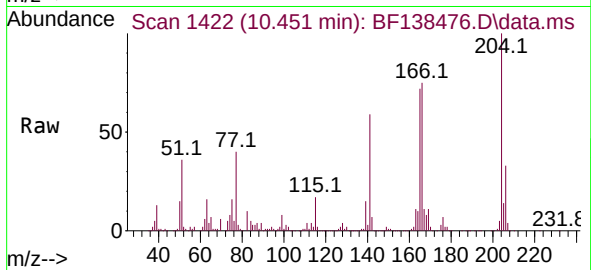




#61
4-Chlorophenyl-phenylether
Concen: 46.916 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

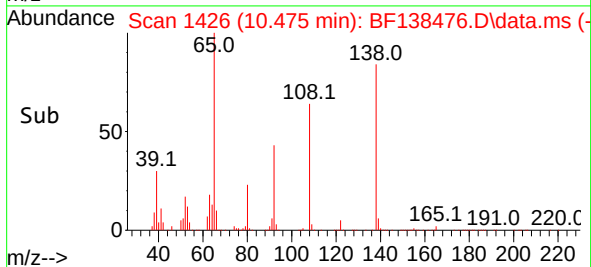
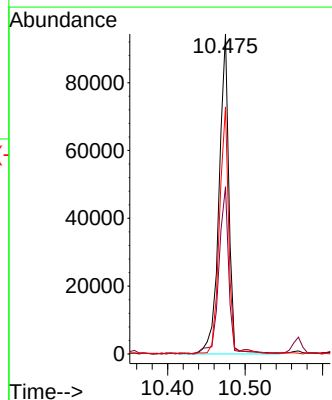
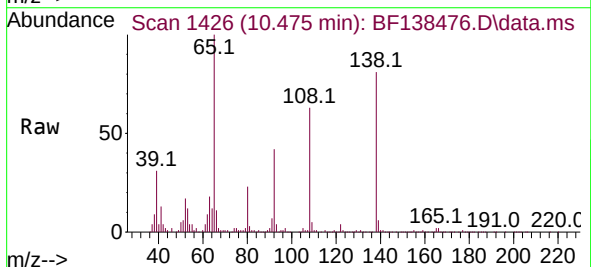
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD

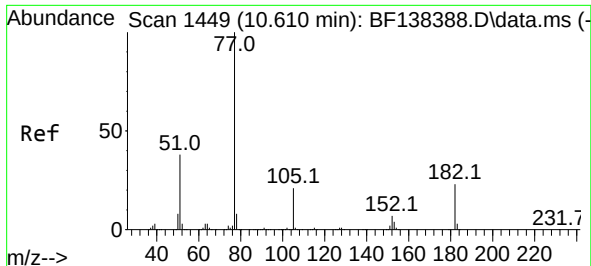
Tgt Ion:204 Resp: 183322
Ion Ratio Lower Upper
204 100
206 33.3 27.1 40.7
141 58.9 48.4 72.6



#62
4-Nitroaniline
Concen: 49.856 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion:138 Resp: 83472
Ion Ratio Lower Upper
138 100
92 52.2 32.6 72.6
108 77.2 50.3 90.3

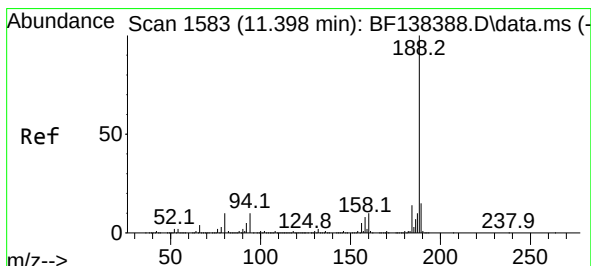
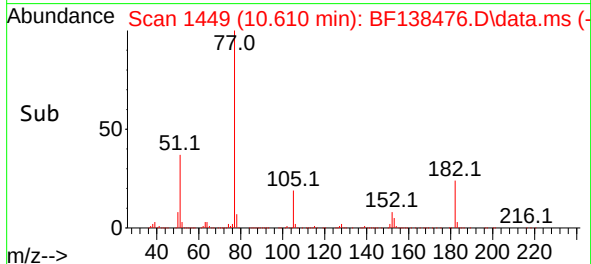
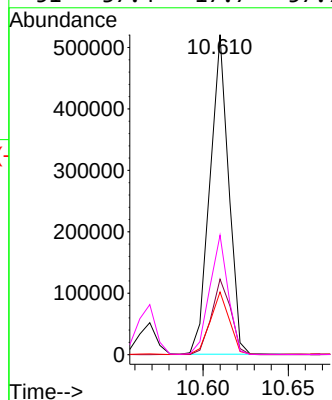
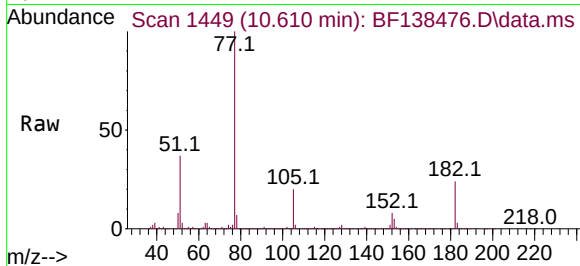




#63
Azobenzene
Concen: 48.709 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

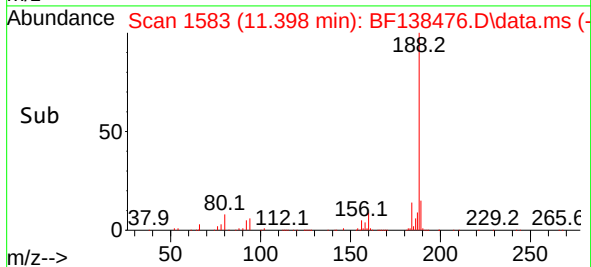
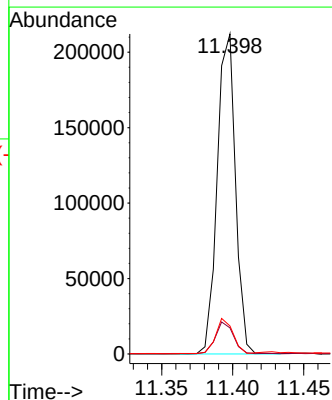
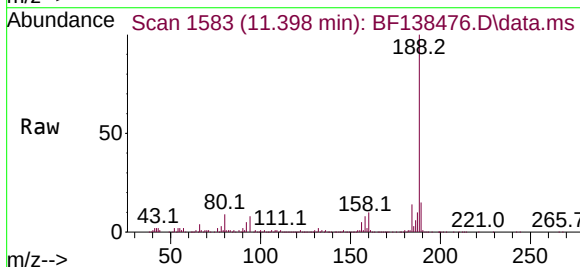
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD

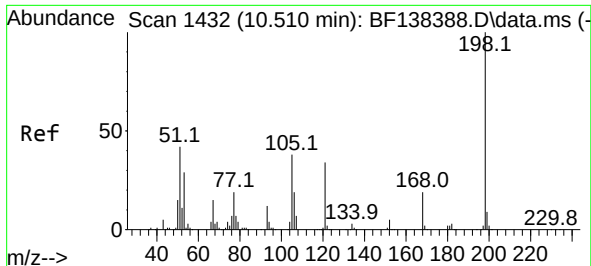
Tgt Ion:	77	Resp:	396609
Ion	Ratio	Lower	Upper
77	100		
182	23.6	2.7	42.7
105	19.6	0.6	40.6
51	37.4	17.7	57.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion:	188	Resp:	189414
Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.0	12.0
80	8.8	8.2	12.4

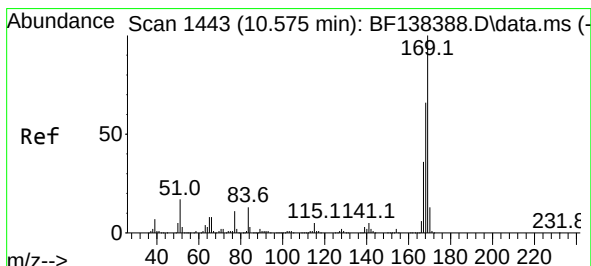
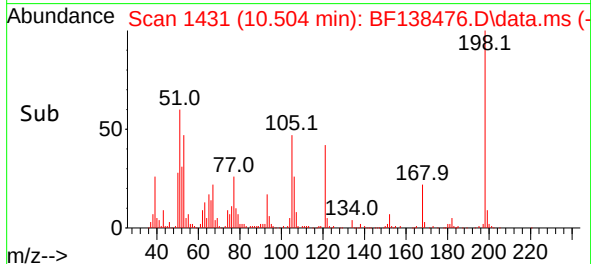
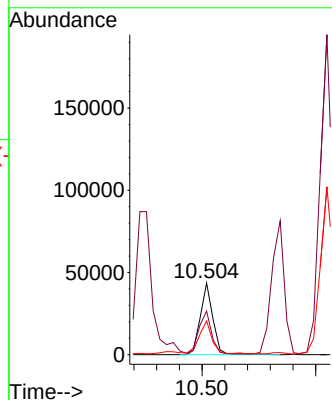
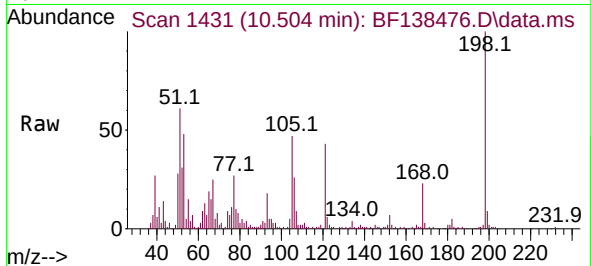




#65
4,6-Dinitro-2-methylphenol
Concen: 34.765 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

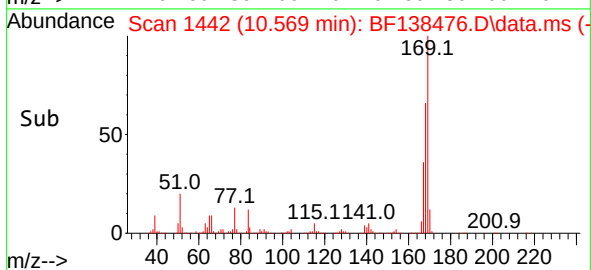
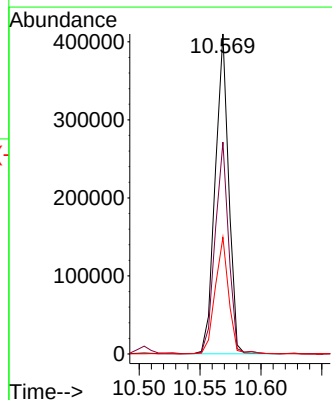
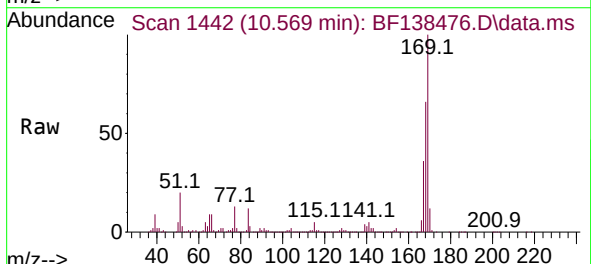
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD

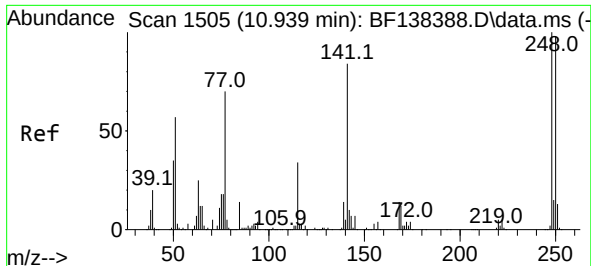
Tgt Ion:198 Resp: 33414
Ion Ratio Lower Upper
198 100
51 60.8 27.9 67.9
105 47.1 18.2 58.2



#66
n-Nitrosodiphenylamine
Concen: 53.455 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion:169 Resp: 314335
Ion Ratio Lower Upper
169 100
168 66.2 52.5 78.7
167 36.5 28.8 43.2

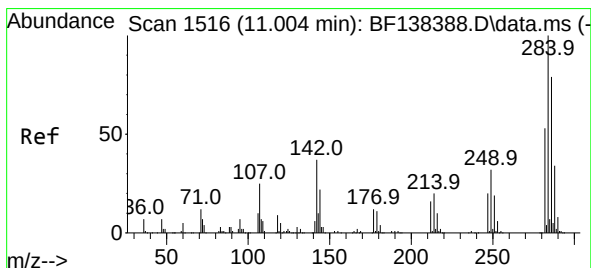
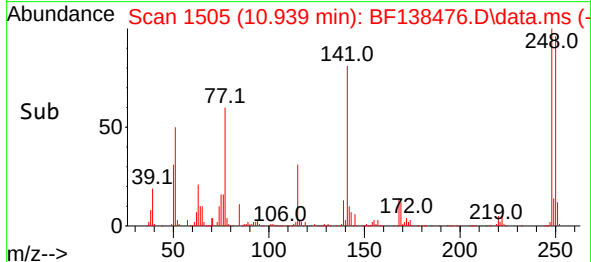
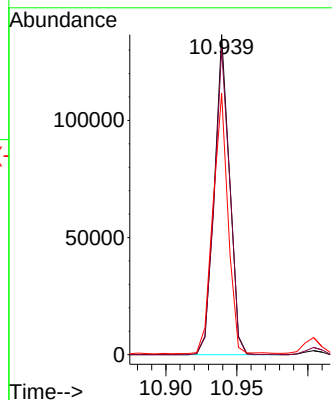
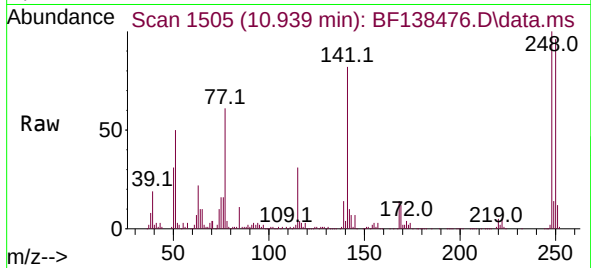




#67
4-Bromophenyl-phenylether
Concen: 49.674 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

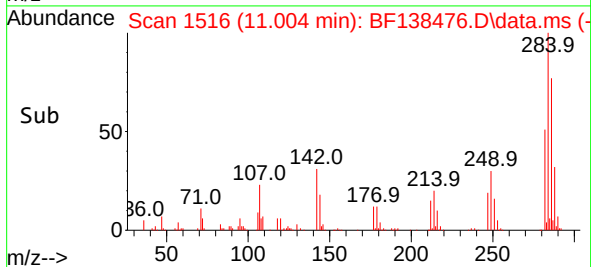
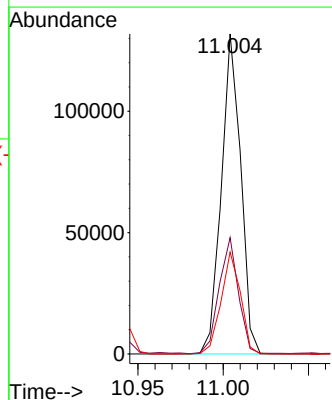
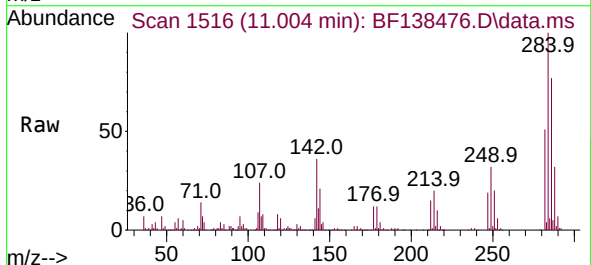
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD

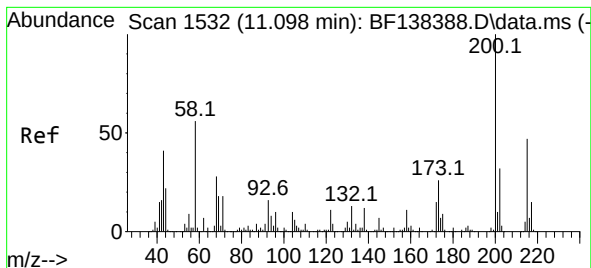
Tgt Ion:248 Resp: 101135
Ion Ratio Lower Upper
248 100
250 95.7 78.2 117.4
141 81.7 67.6 101.4



#68
Hexachlorobenzene
Concen: 46.440 ng
RT: 11.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion:284 Resp: 104214
Ion Ratio Lower Upper
284 100
142 36.3 29.2 43.8
249 31.9 25.8 38.6





#69

Atrazine

Concen: 58.381 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MSD

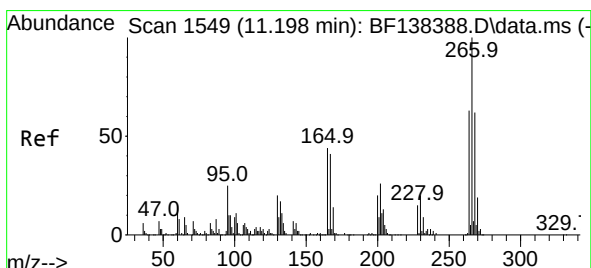
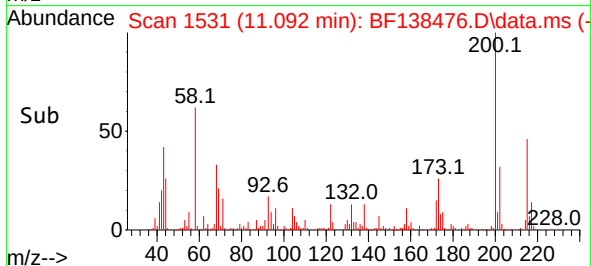
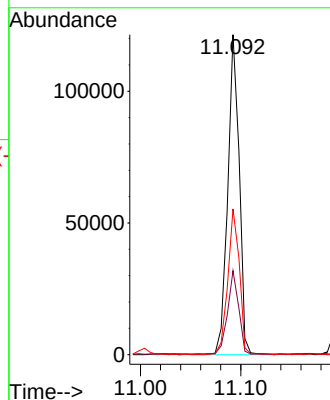
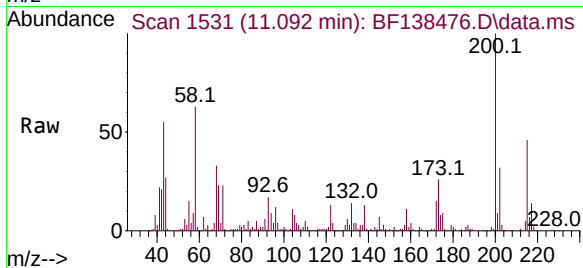
Tgt Ion:200 Resp: 96255

Ion Ratio Lower Upper

200 100

173 26.2 6.2 46.2

215 45.5 27.4 67.4



#70

Pentachlorophenol

Concen: 99.194 ng

RT: 11.204 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

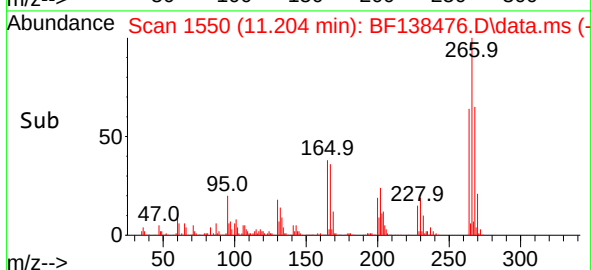
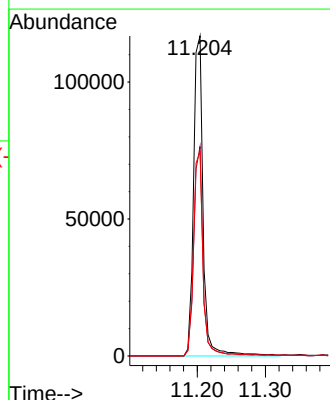
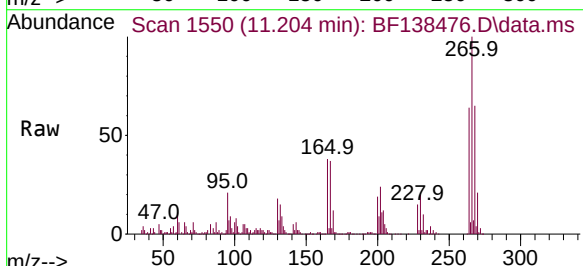
Tgt Ion:266 Resp: 112977

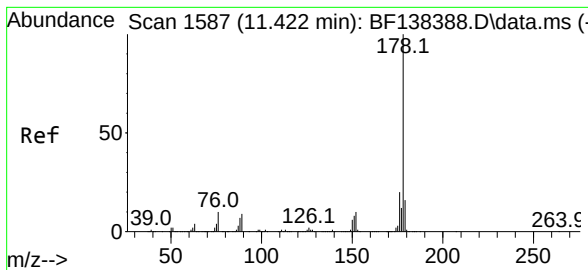
Ion Ratio Lower Upper

266 100

268 65.4 49.9 74.9

264 63.9 50.0 75.0

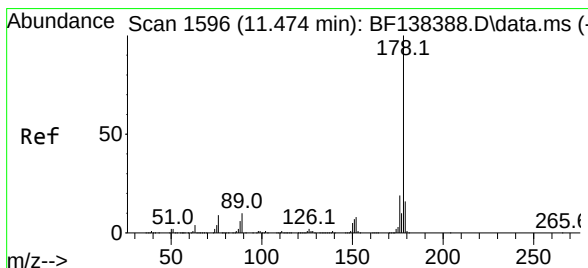
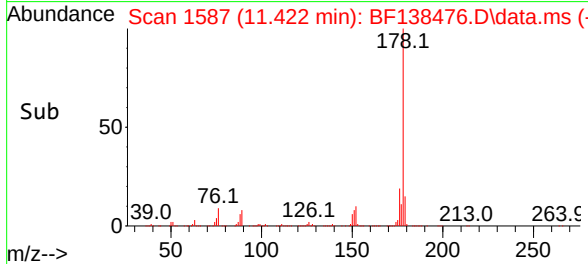
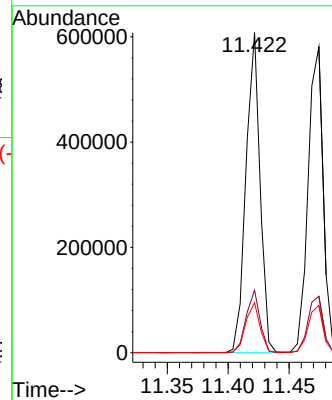
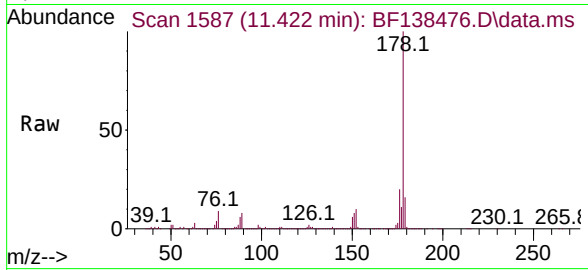




#71
Phenanthrene
Concen: 52.992 ng
RT: 11.422 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

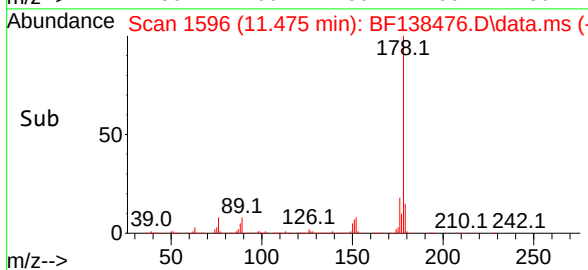
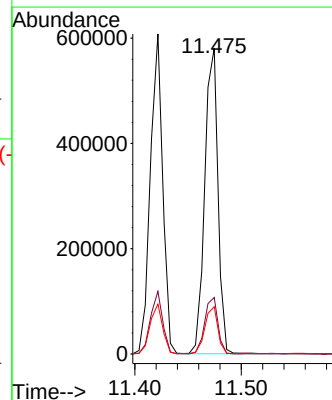
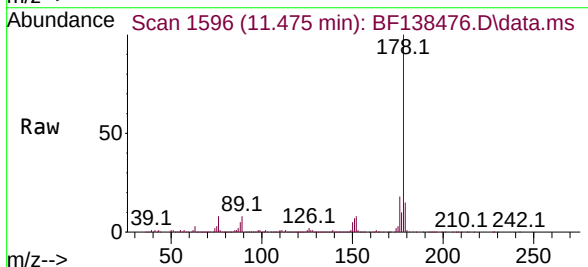
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD

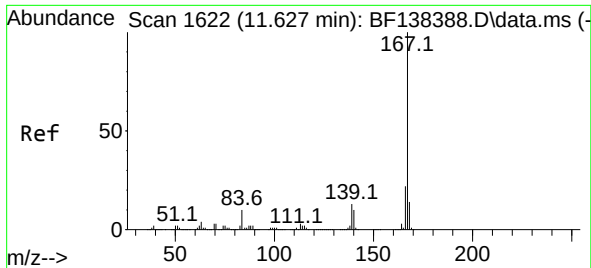
Tgt Ion:178 Resp: 490071
Ion Ratio Lower Upper
178 100
176 19.5 16.1 24.1
179 15.6 12.6 18.8



#72
Anthracene
Concen: 54.438 ng
RT: 11.475 min Scan# 1596
Delta R.T. 0.001 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion:178 Resp: 502066
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.4 12.7 19.1

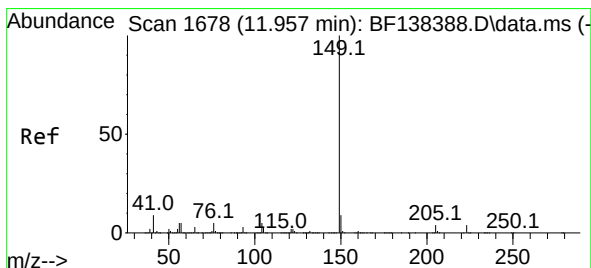
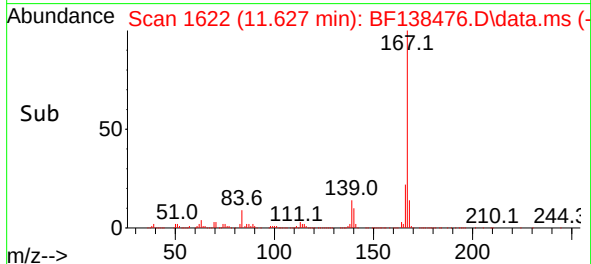
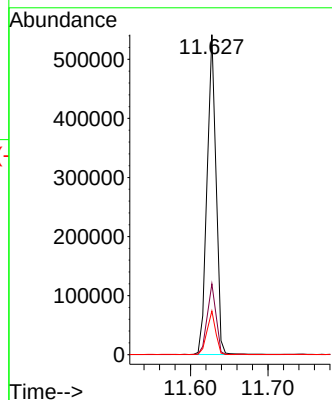
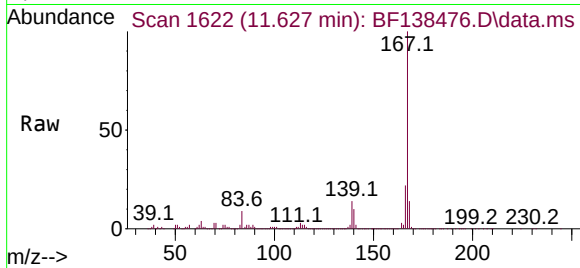




#73
 Carbazole
 Concen: 57.047 ng
 RT: 11.627 min Scan# 1622
 Delta R.T. 0.000 min
 Lab File: BF138476.D
 Acq: 05 Jul 2024 19:06

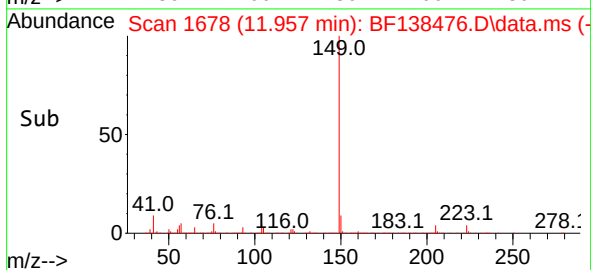
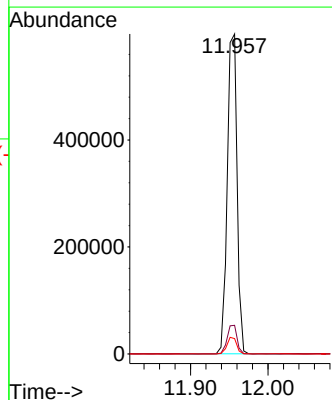
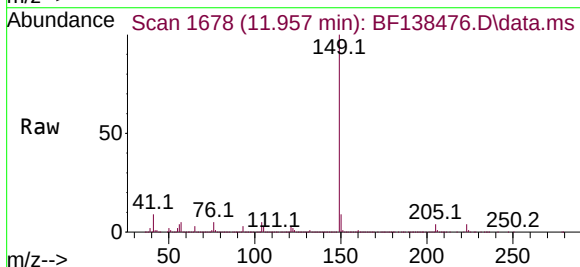
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-070324MSD

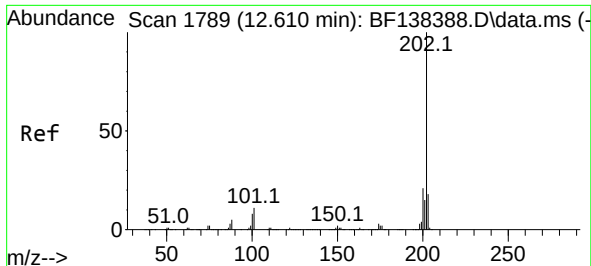
Tgt Ion:167 Resp: 436795
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.7 26.5
 139 13.7 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 54.491 ng
 RT: 11.957 min Scan# 1678
 Delta R.T. 0.000 min
 Lab File: BF138476.D
 Acq: 05 Jul 2024 19:06

Tgt Ion:149 Resp: 528759
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 4.8 3.8 5.8

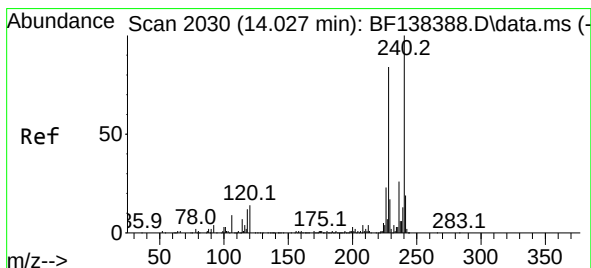
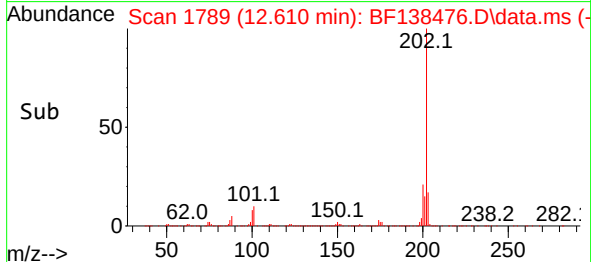
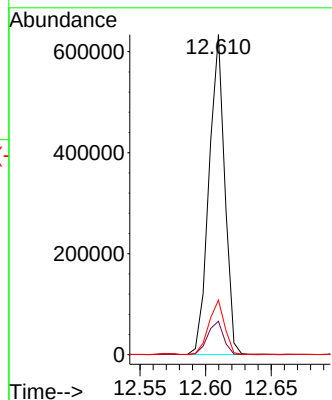
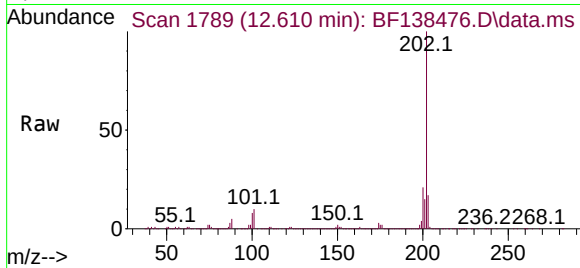




#75
Fluoranthene
Concen: 63.726 ng
RT: 12.610 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

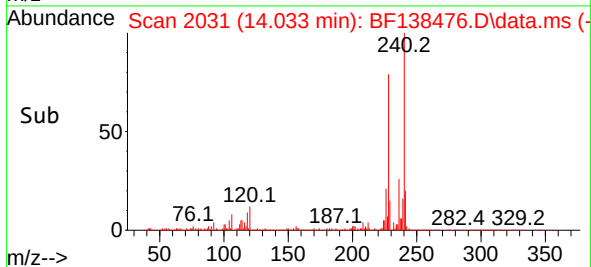
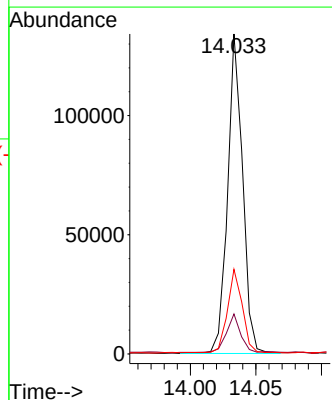
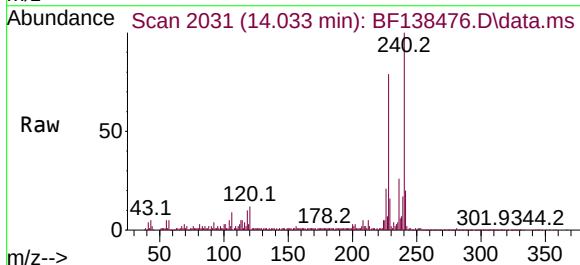
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD

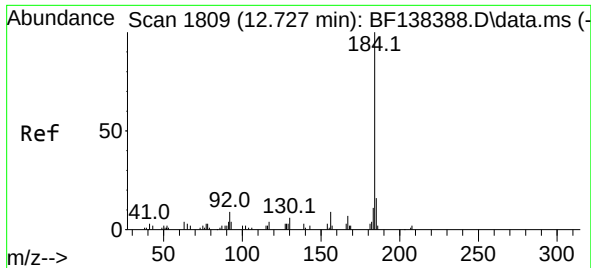
Tgt Ion:202 Resp: 528351
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.5
203 17.1 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion:240 Resp: 106279
Ion Ratio Lower Upper
240 100
120 12.5 10.9 16.3
236 26.4 20.6 30.8

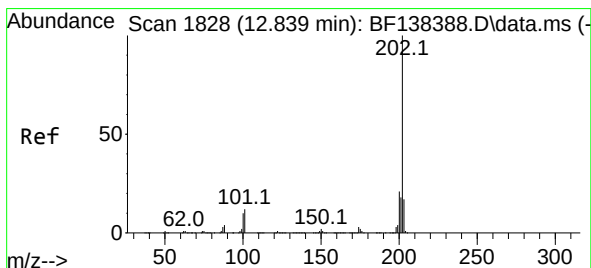
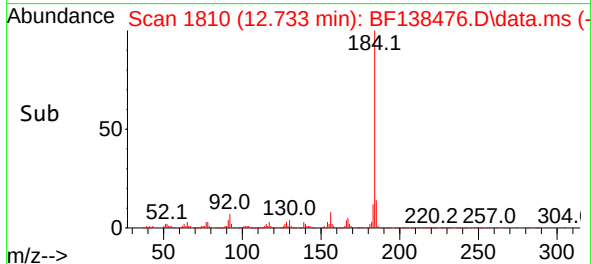
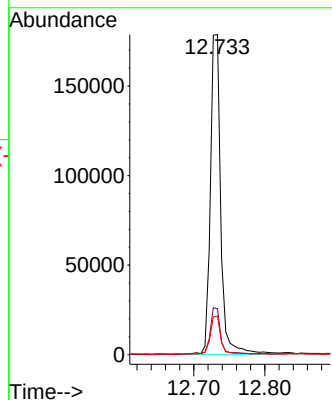
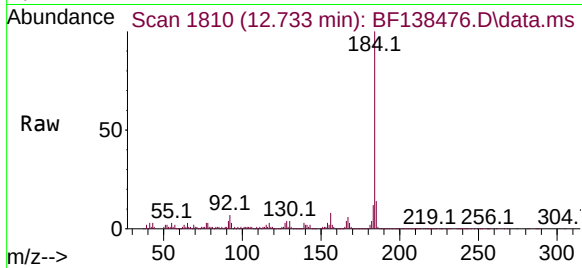




#77
Benzidine
Concen: 213.673 ng
RT: 12.733 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

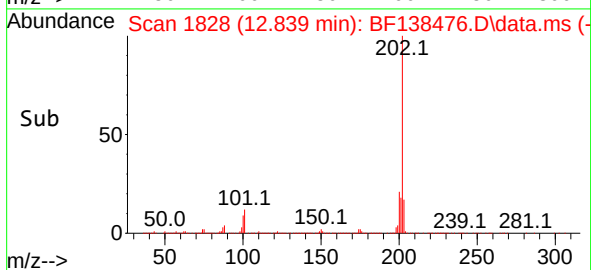
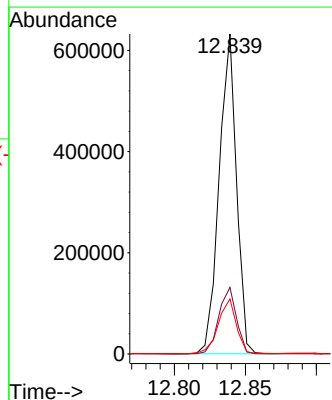
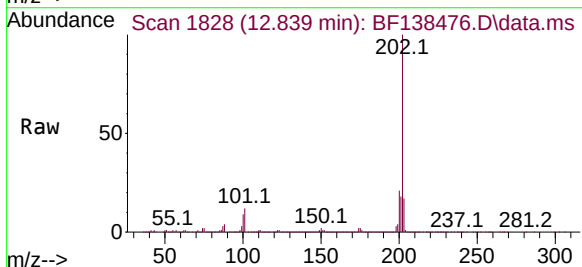
Instrument :
BNA_F
ClientSampleId :
SU-04-070324MSD

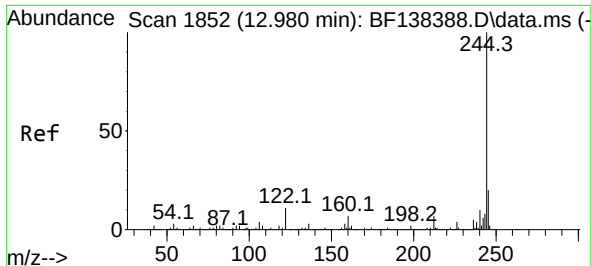
Tgt Ion:184 Resp: 181590
Ion Ratio Lower Upper
184 100
185 14.3 13.0 19.4
183 12.1 9.0 13.6



#78
Pyrene
Concen: 47.261 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF138476.D
Acq: 05 Jul 2024 19:06

Tgt Ion:202 Resp: 536838
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.2 13.8 20.8

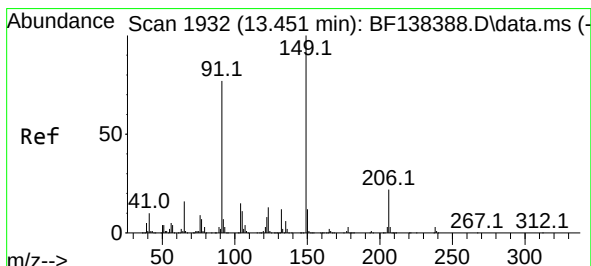
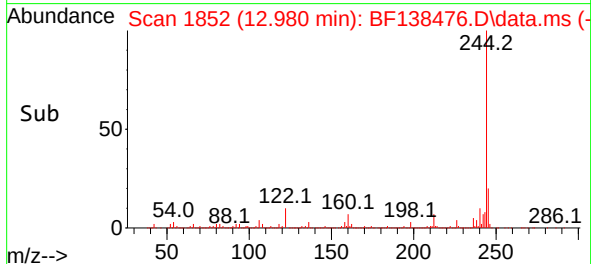
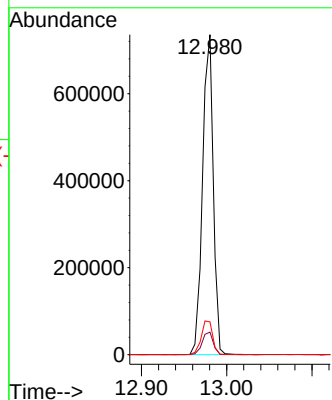
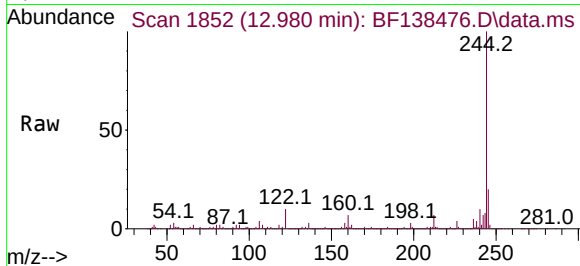




#79
 Terphenyl-d14
 Concen: 82.798 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF138476.D
 Acq: 05 Jul 2024 19:06

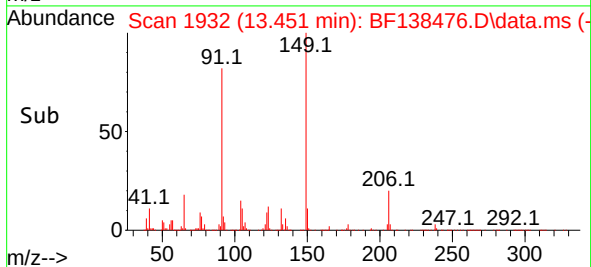
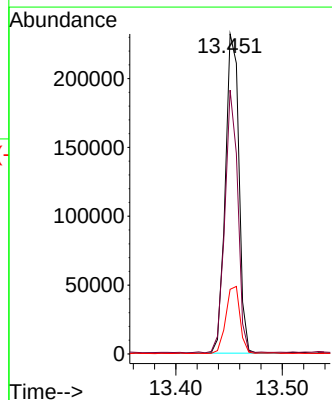
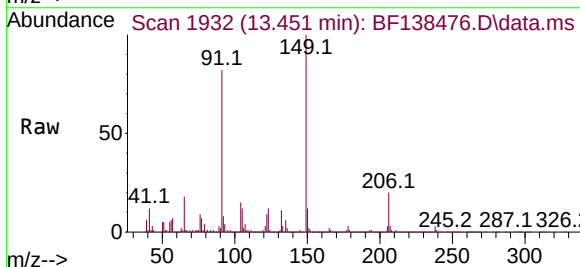
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-070324MSD

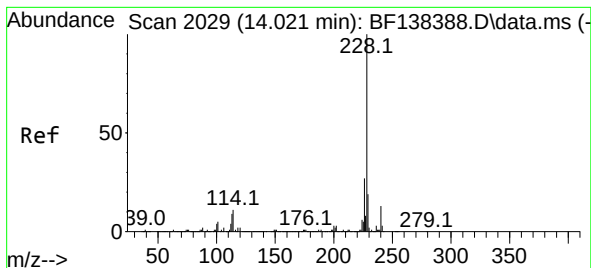
Tgt Ion:244 Resp: 642117
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 10.3 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 59.329 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. 0.000 min
 Lab File: BF138476.D
 Acq: 05 Jul 2024 19:06

Tgt Ion:149 Resp: 205071
 Ion Ratio Lower Upper
 149 100
 91 82.5 62.0 93.0
 206 20.2 17.6 26.4





#81

Benzo(a)anthracene

Concen: 54.011 ng

RT: 14.021 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MSD

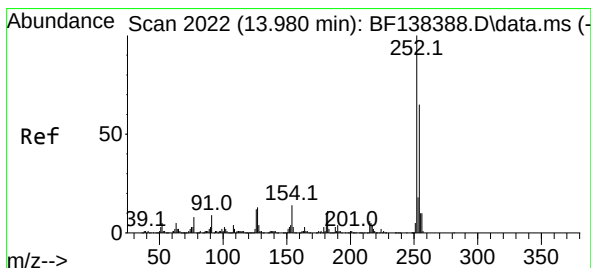
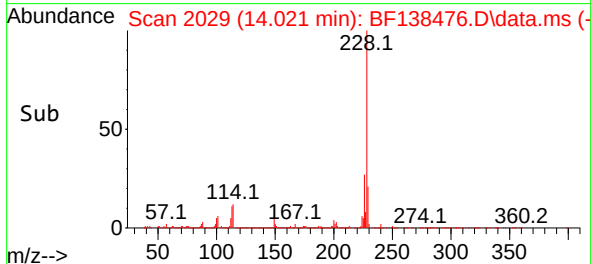
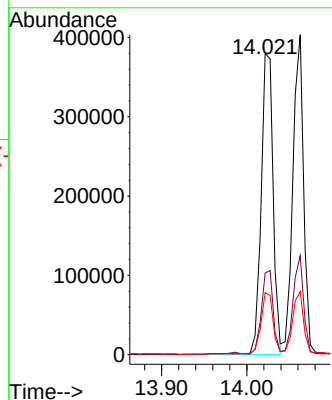
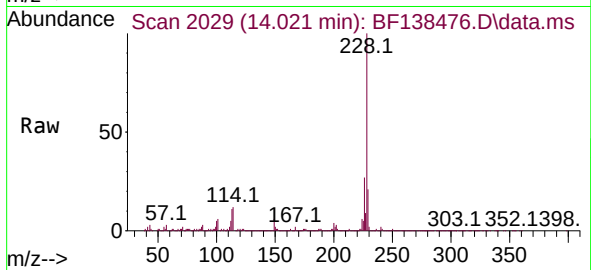
Tgt Ion:228 Resp: 369470

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

229 20.6 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 49.747 ng

RT: 13.986 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

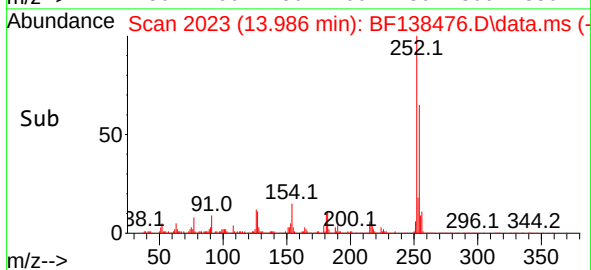
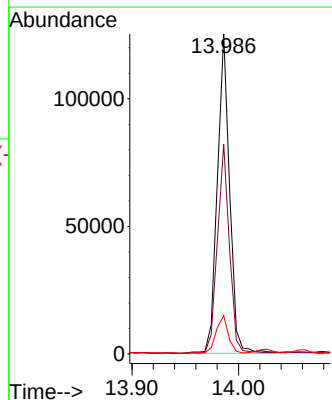
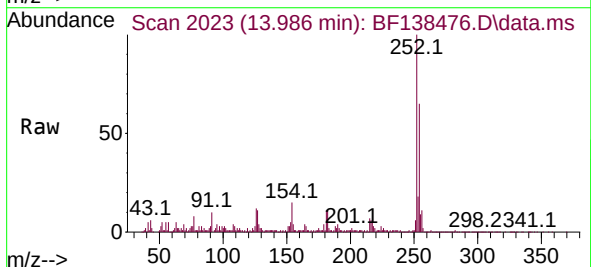
Tgt Ion:252 Resp: 100471

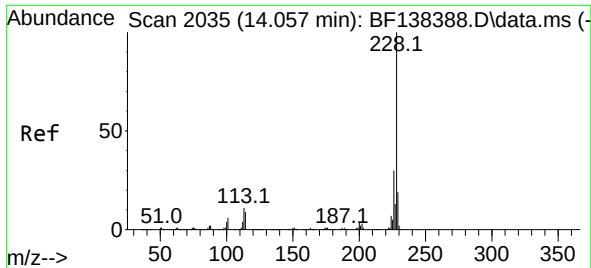
Ion Ratio Lower Upper

252 100

254 65.5 51.8 77.6

126 11.9 9.5 14.3





#83

Chrysene

Concen: 52.821 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MSD

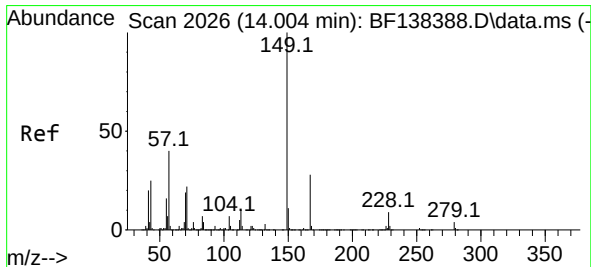
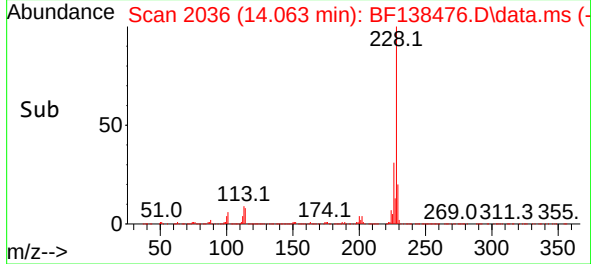
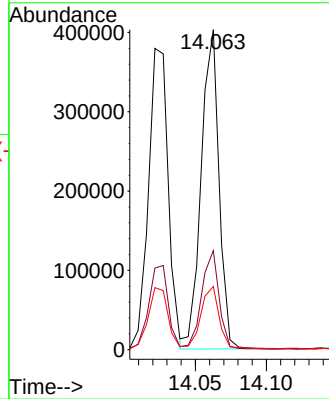
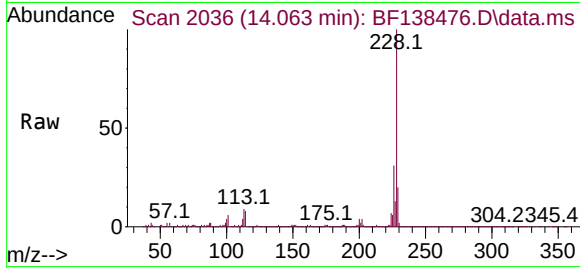
Tgt Ion:228 Resp: 351598

Ion Ratio Lower Upper

228 100

226 31.0 23.8 35.6

229 19.8 15.2 22.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.851 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

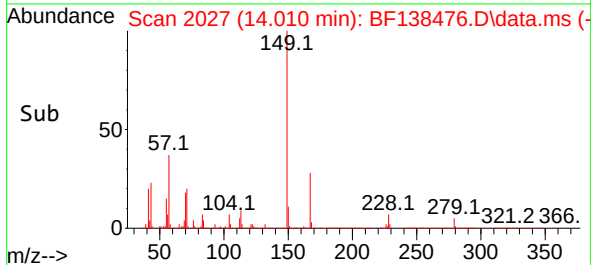
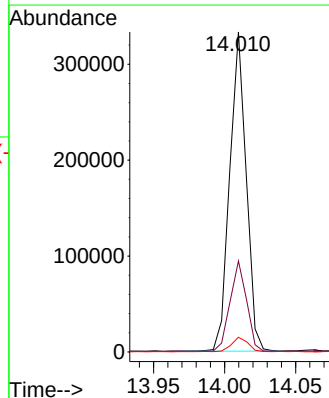
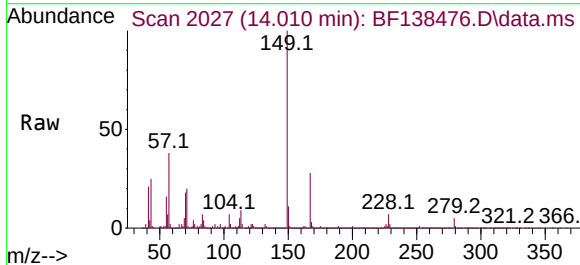
Tgt Ion:149 Resp: 268105

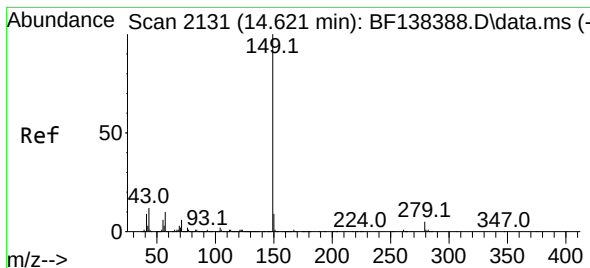
Ion Ratio Lower Upper

149 100

167 28.4 22.6 33.8

279 4.6 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 51.348 ng

RT: 14.621 min Scan# 2131

Delta R.T. 0.000 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MSD

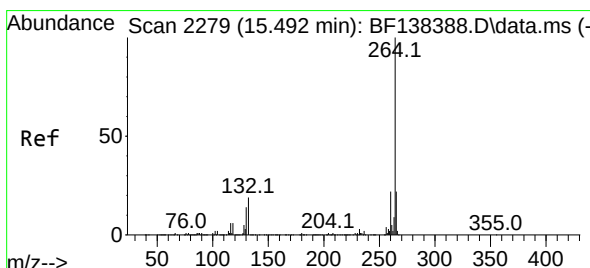
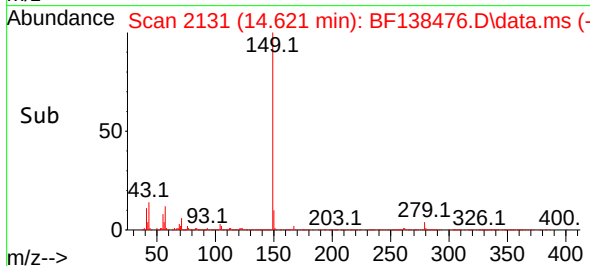
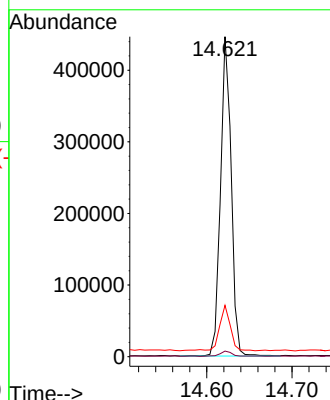
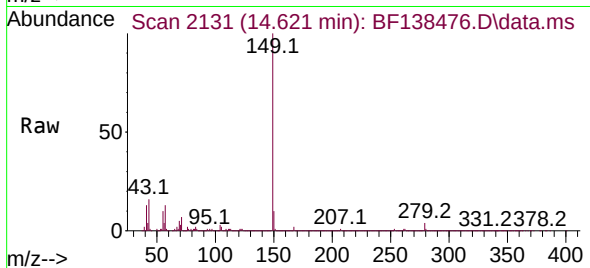
Tgt Ion:149 Resp: 389588

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 14.6 10.9 16.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2281

Delta R.T. 0.012 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

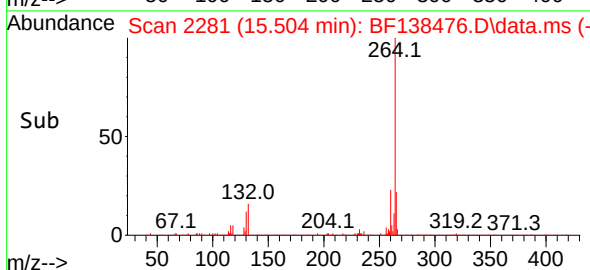
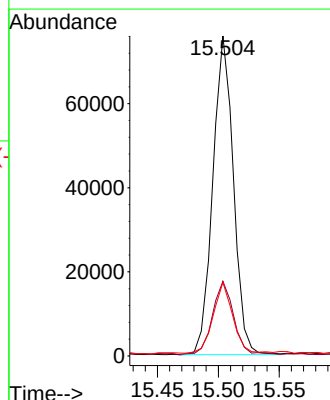
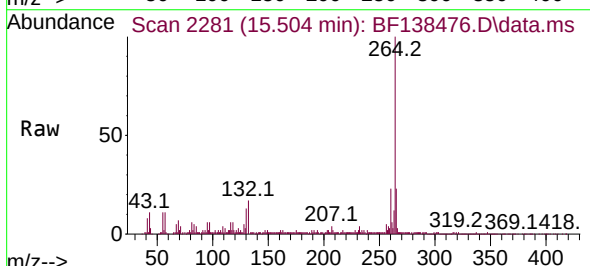
Tgt Ion:264 Resp: 89170

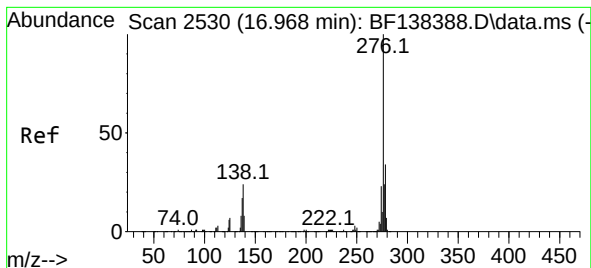
Ion Ratio Lower Upper

264 100

260 23.4 17.8 26.6

265 23.0 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 61.304 ng

RT: 16.980 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MSD

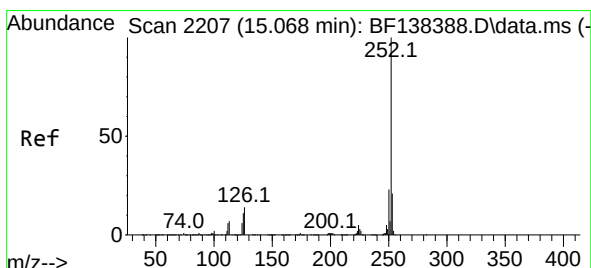
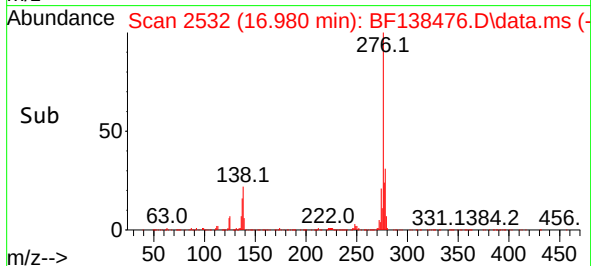
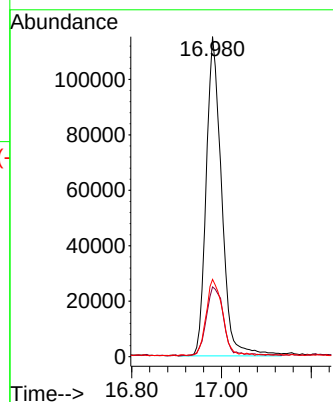
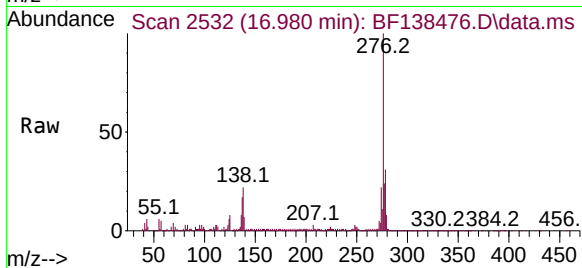
Tgt Ion:276 Resp: 274665

Ion Ratio Lower Upper

276 100

138 23.6 22.1 33.1

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 52.705 ng

RT: 15.074 min Scan# 2208

Delta R.T. 0.006 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

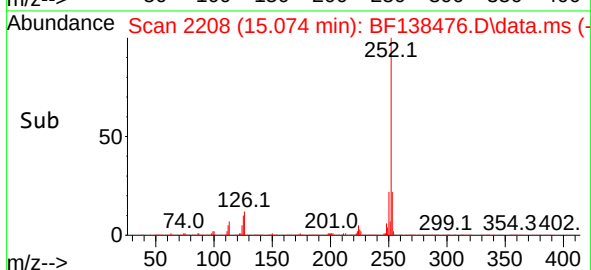
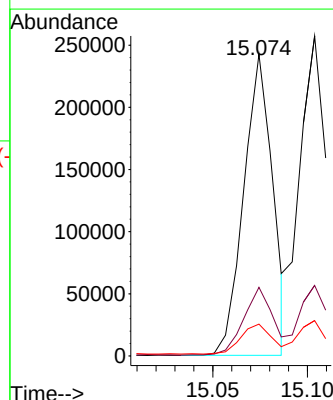
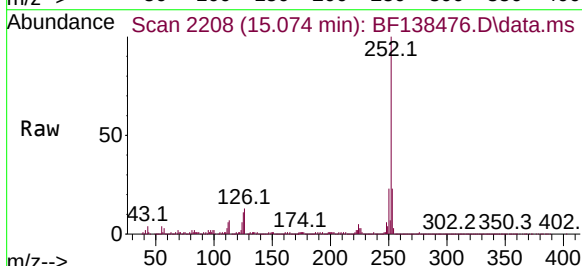
Tgt Ion:252 Resp: 257855

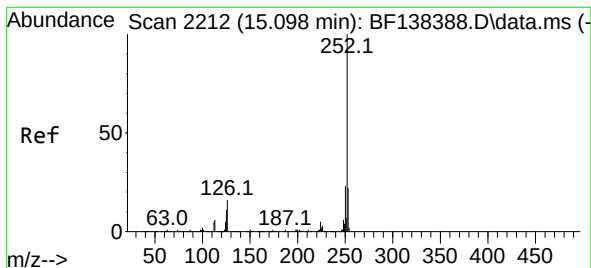
Ion Ratio Lower Upper

252 100

253 22.7 17.0 25.4

125 10.5 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 56.845 ng

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MSD

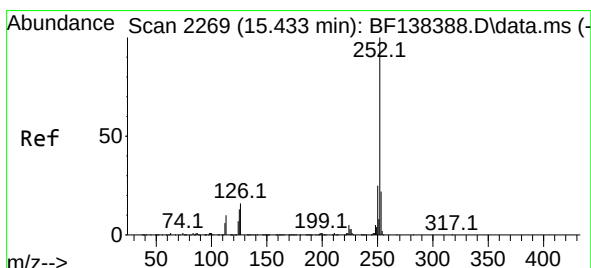
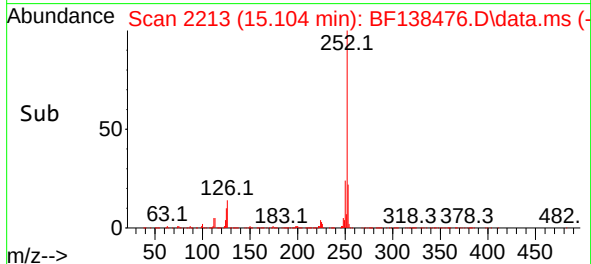
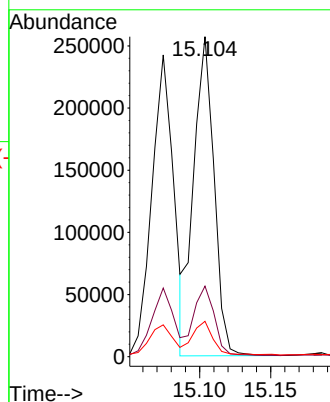
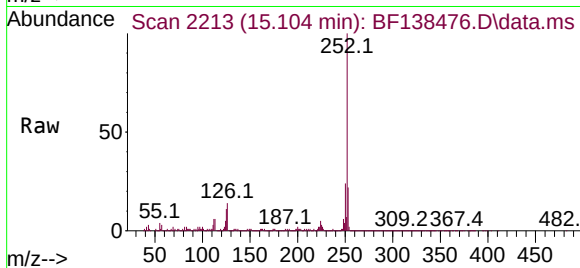
Tgt Ion:252 Resp: 256162

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 11.0 8.7 13.1



#90

Benzo(a)pyrene

Concen: 54.579 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.012 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

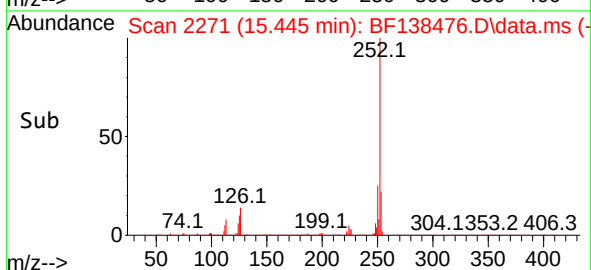
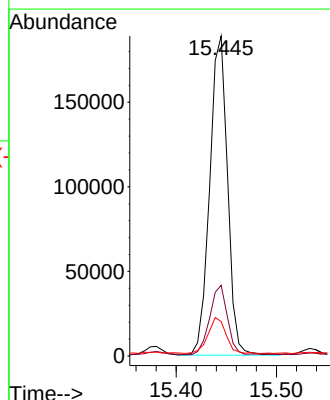
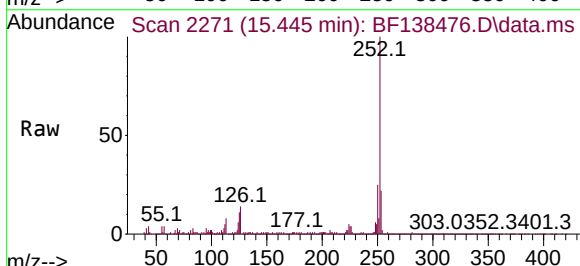
Tgt Ion:252 Resp: 234050

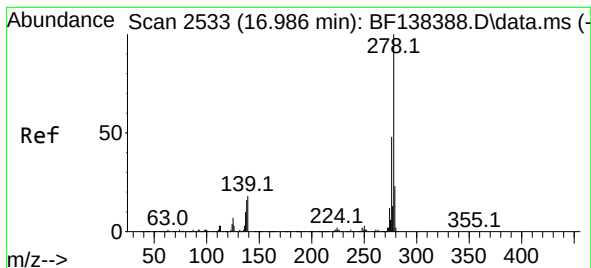
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 10.8 10.2 15.2





#91

Dibenzo(a,h)anthracene

Concen: 61.104 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

SU-04-070324MSD

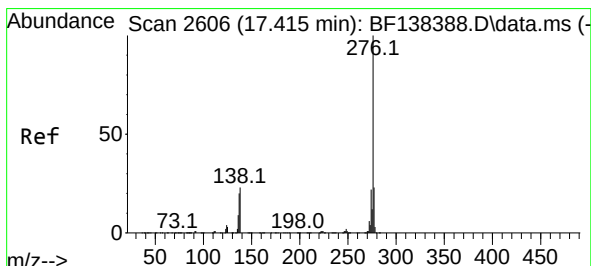
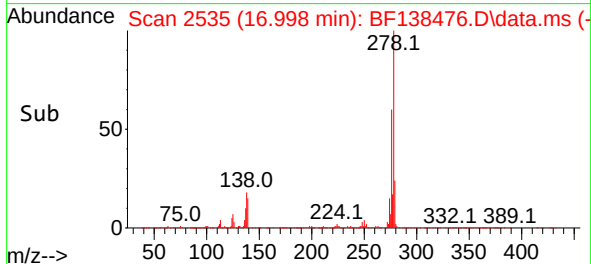
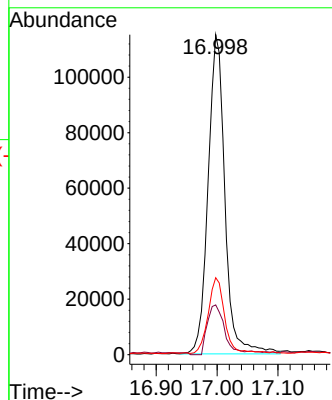
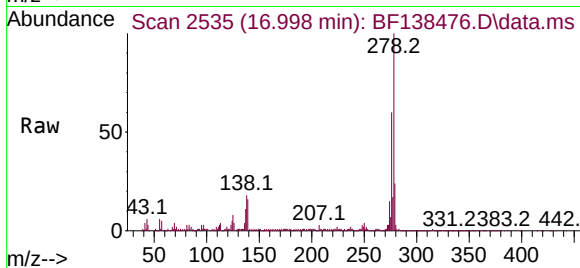
Tgt Ion:278 Resp: 220987

Ion Ratio Lower Upper

278 100

139 15.5 14.3 21.5

279 24.0 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 59.415 ng

RT: 17.427 min Scan# 2608

Delta R.T. 0.012 min

Lab File: BF138476.D

Acq: 05 Jul 2024 19:06

Tgt Ion:276 Resp: 210207

Ion Ratio Lower Upper

276 100

277 23.6 18.3 27.5

138 20.7 18.3 27.5

