

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070224\
 Data File : BF138433.D
 Acq On : 02 Jul 2024 18:10
 Operator : CG\JU
 Sample : P3120-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 02 18:38:10 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	157396	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	603221	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	290310	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	396940	20.000	ng	0.00
76) Chrysene-d12	14.033	240	267377	20.000	ng	0.00
86) Perylene-d12	15.492	264	235842	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1164472	122.661	ng	0.02
7) Phenol-d6	6.516	99	1442664	112.809	ng	0.00
23) Nitrobenzene-d5	7.440	82	1070173	92.160	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	277604	117.040	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1634484	89.601	ng	0.00
79) Terphenyl-d14	12.975	244	1223670	62.718	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.746	88	201868	45.144	ng	# 85
3) Pyridine	3.487	79	353250	33.114	ng	99
4) n-Nitrosodimethylamine	3.457	42	348252	52.327	ng	97
6) Aniline	6.540	93	244090	19.559	ng	98
8) 2-Chlorophenol	6.663	128	519727	50.997	ng	97
9) Benzaldehyde	6.422	77	69252	8.774	ng	96
10) Phenol	6.528	94	582577	42.758	ng	92
11) bis(2-Chloroethyl)ether	6.610	93	547427	51.157	ng	98
12) 1,3-Dichlorobenzene	6.816	146	550232	47.145	ng	98
13) 1,4-Dichlorobenzene	6.893	146	554094	47.349	ng	98
14) 1,2-Dichlorobenzene	7.045	146	525342	48.628	ng	97
15) Benzyl Alcohol	7.022	79	460509	50.275	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1070225	49.584	ng	97
17) 2-Methylphenol	7.134	107	393991	46.646	ng	98
18) Hexachloroethane	7.387	117	200293	47.452	ng	96
19) n-Nitroso-di-n-propyla...	7.293	70	386088	47.889	ng	95
20) 3+4-Methylphenols	7.287	107	458573	46.727	ng	97
22) Acetophenone	7.281	105	631927	46.177	ng	96
24) Nitrobenzene	7.457	77	616350	52.186	ng	100
25) Isophorone	7.698	82	1047803	48.936	ng	98
26) 2-Nitrophenol	7.775	139	269335	52.869	ng	96
27) 2,4-Dimethylphenol	7.810	122	339686	52.099	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	637177	49.440	ng	99
29) 2,4-Dichlorophenol	8.016	162	403273	48.157	ng	96
30) 1,2,4-Trichlorobenzene	8.098	180	452932	46.518	ng	100
31) Naphthalene	8.181	128	1463454	47.990	ng	100
32) Benzoic acid	7.934	122	231311	39.599	ng	97
33) 4-Chloroaniline	8.228	127	53286	5.003	ng	98
34) Hexachlorobutadiene	8.292	225	259028	44.310	ng	99
35) Caprolactam	8.592	113	71767	27.140	ng	94
36) 4-Chloro-3-methylphenol	8.710	107	415030	46.529	ng	98
37) 2-Methylnaphthalene	8.869	142	906569	45.999	ng	98
38) 1-Methylnaphthalene	8.969	142	847429	44.336	ng	98
40) 1,2,4,5-Tetrachloroben...	9.034	216	376051	46.831	ng	99
41) Hexachlorocyclopentadiene	9.016	237	318397	134.705	ng	95
43) 2,4,6-Trichlorophenol	9.145	196	256801	50.259	ng	98

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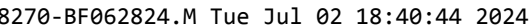
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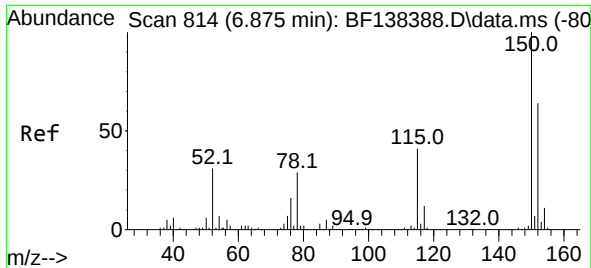
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	264457	47.590	ng	97
46) 1,1'-Biphenyl	9.334	154	1036453	47.815	ng	99
47) 2-Chloronaphthalene	9.357	162	822154	49.746	ng	98
48) 2-Nitroaniline	9.451	65	253710	47.590	ng	95
49) Acenaphthylene	9.775	152	1225750	52.735	ng	100
50) Dimethylphthalate	9.634	163	947389	50.777	ng	99
51) 2,6-Dinitrotoluene	9.698	165	204998	49.058	ng	87
52) Acenaphthene	9.945	154	752794	47.299	ng	100
53) 3-Nitroaniline	9.863	138	65875	15.962	ng	92
54) 2,4-Dinitrophenol	9.969	184	166141	92.438	ng	98
55) Dibenzofuran	10.116	168	1075415	49.042	ng	100
56) 4-Nitrophenol	10.034	139	238776	89.233	ng	93
57) 2,4-Dinitrotoluene	10.098	165	254828	49.529	ng	92
58) Fluorene	10.457	166	775329	44.497	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	200393	48.551	ng	100
60) Diethylphthalate	10.334	149	843670	48.364	ng	98
61) 4-Chlorophenyl-phenyle...	10.451	204	391773	44.315	ng	97
62) 4-Nitroaniline	10.475	138	122832	32.426	ng	99
63) Azobenzene	10.610	77	874273	47.457	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	121769	56.170	ng	93
66) n-Nitrosodiphenylamine	10.569	169	619009	50.232	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	220786	51.748	ng	92
68) Hexachlorobenzene	11.004	284	230427	48.999	ng	94
69) Atrazine	11.086	200	63174	18.284	ng	98
70) Pentachlorophenol	11.198	266	247881	103.854	ng	99
71) Phenanthrene	11.422	178	1005455	51.880	ng	99
72) Anthracene	11.469	178	1018637	52.704	ng	100
73) Carbazole	11.628	167	823890	51.346	ng	98
74) Di-n-butylphthalate	11.951	149	1068862	52.563	ng	100
75) Fluoranthene	12.604	202	955305	54.982	ng	97
77) Benzidine	12.739	184	19270	9.013	ng	# 92
78) Pyrene	12.833	202	985966	34.502	ng	99
80) Butylbenzylphthalate	13.451	149	412955	47.489	ng	98
81) Benzo(a)anthracene	14.022	228	892626	51.868	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	27268	5.367	ng	97
83) Chrysene	14.057	228	880738	52.593	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	586598	53.790	ng	99
85) Di-n-octyl phthalate	14.616	149	1065316	55.811	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	621974	52.487	ng	98
88) Benzo(b)fluoranthene	15.068	252	741453	57.300	ng	98
89) Benzo(k)fluoranthene	15.098	252	751356	63.041	ng	99
90) Benzo(a)pyrene	15.433	252	631688	55.695	ng	98
91) Dibenzo(a,h)anthracene	16.986	278	509026	53.216	ng	99
92) Benzo(g,h,i)perylene	17.410	276	466055	49.806	ng	97

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

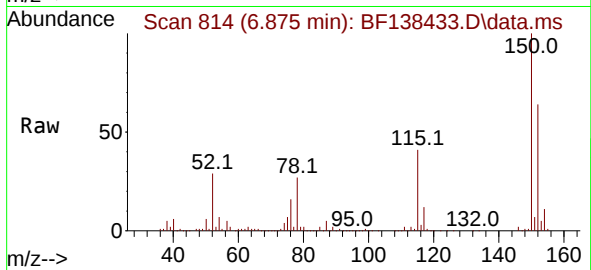
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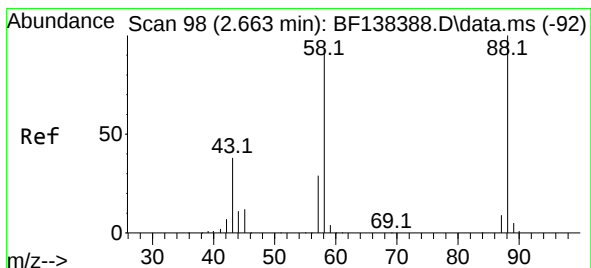
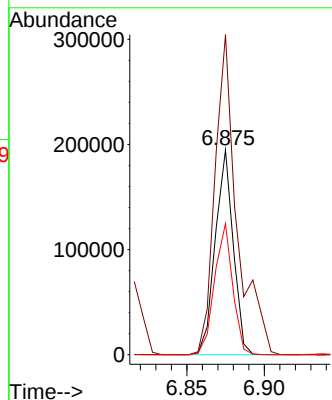
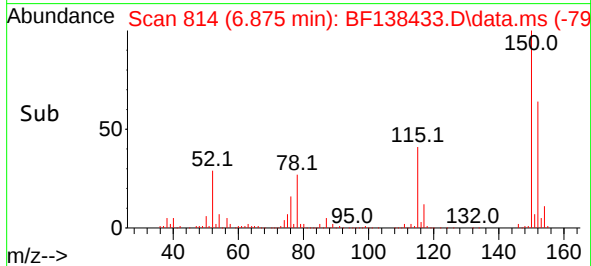


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF138433.D
 Acq: 02 Jul 2024 18:10

Instrument :
 BNA_F
 ClientSampleId :

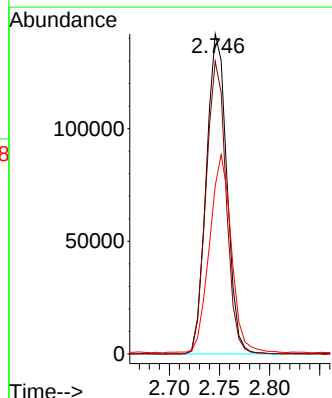
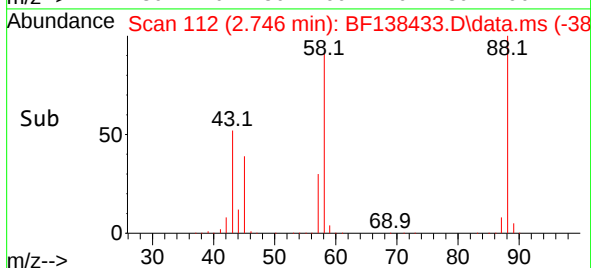
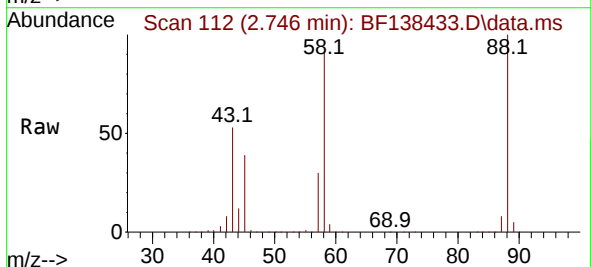


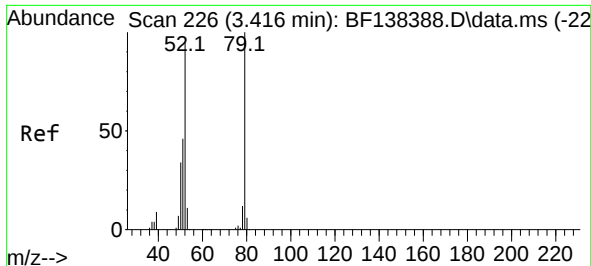
Tgt Ion:152 Resp: 157396
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.9 187.3
 115 64.0 50.8 76.2



#2
 1,4-Dioxane
 Concen: 45.144 ng
 RT: 2.746 min Scan# 112
 Delta R.T. 0.083 min
 Lab File: BF138433.D
 Acq: 02 Jul 2024 18:10

Tgt Ion: 88 Resp: 201868
 Ion Ratio Lower Upper
 88 100
 58 90.1 73.7 110.5
 43 66.3 30.1 45.1#





#3

Pyridine

Concen: 33.114 ng

RT: 3.487 min Scan# 21

Delta R.T. 0.071 min

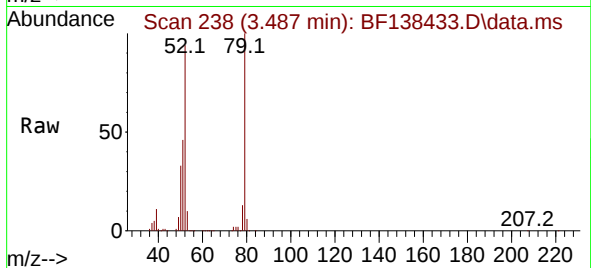
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Acq: 02 Jul 2024 18:10

Instrument :

BNA_F

ClientSampleId :



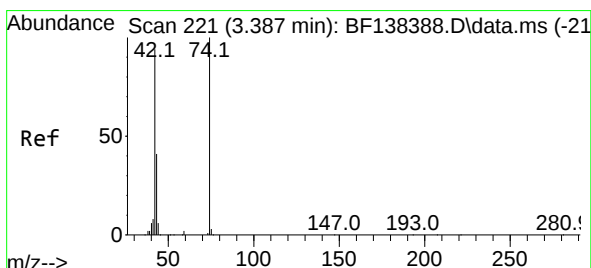
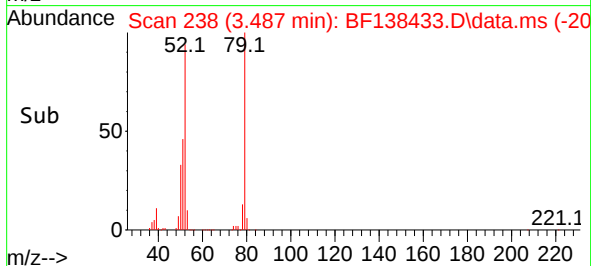
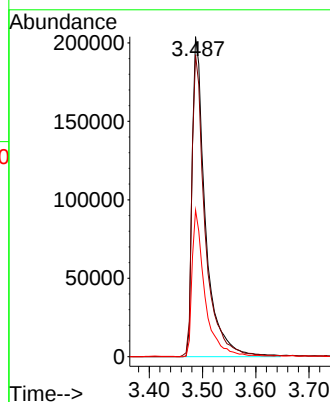
Tgt Ion: 79 Resp: 353250

Ion Ratio Lower Upper

79 100

52 94.4 76.2 114.2

51 45.8 36.7 55.1



#4

n-Nitrosodimethylamine

Concen: 52.327 ng

RT: 3.457 min Scan# 233

Delta R.T. 0.071 min

Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

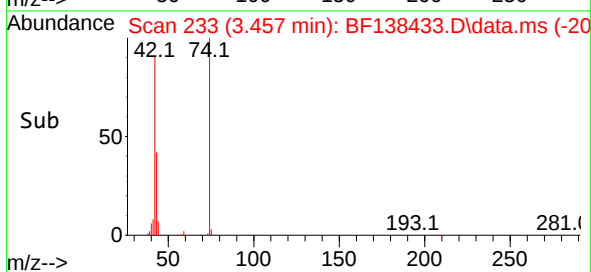
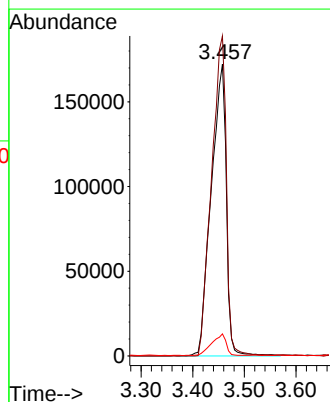
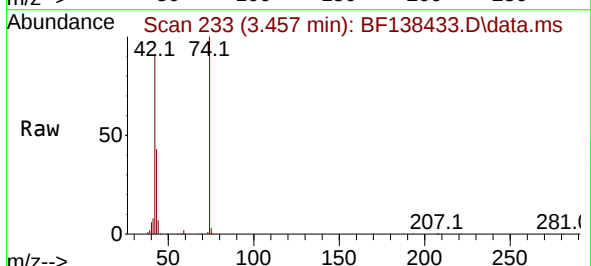
Tgt Ion: 42 Resp: 348252

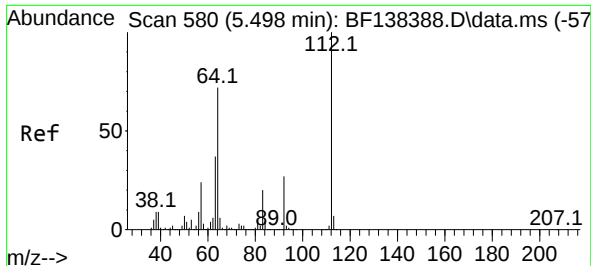
Ion Ratio Lower Upper

42 100

74 109.6 85.1 127.7

44 7.6 5.5 8.3

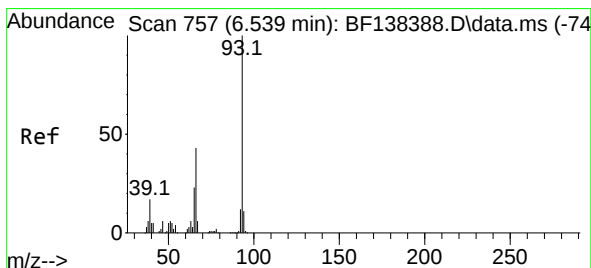
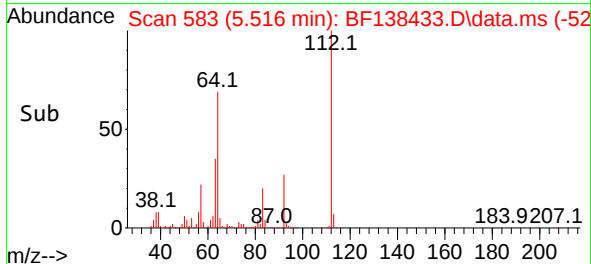
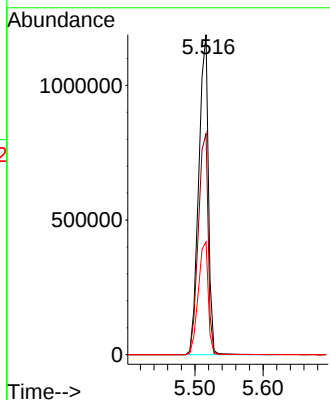
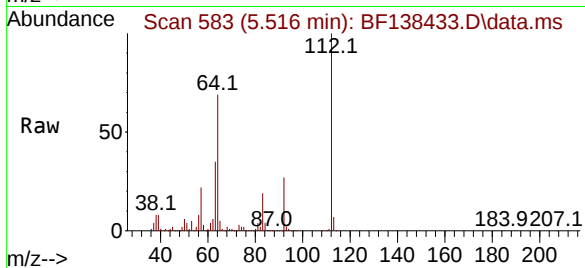




#5
2-Fluorophenol
Concen: 122.661 ng
RT: 5.516 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

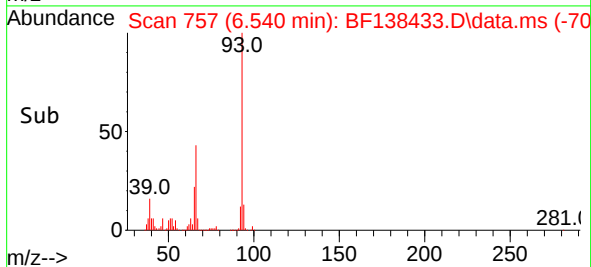
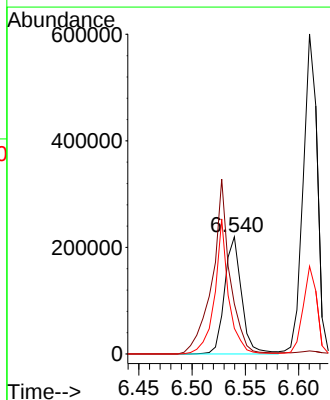
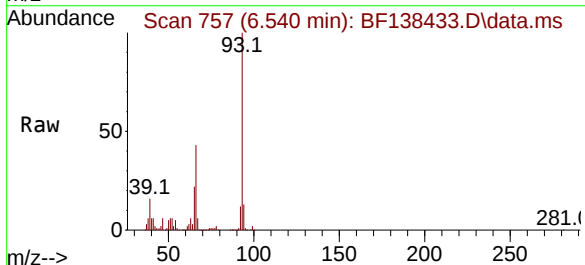
Instrument :
BNA_F
ClientSampleId :

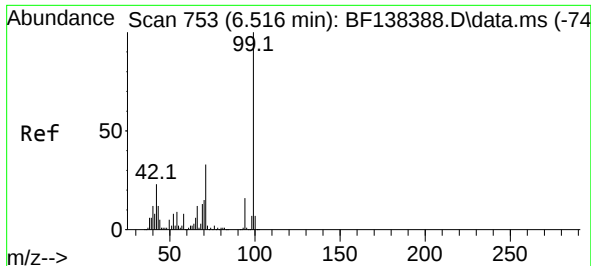
Tgt Ion:112 Resp: 1164472
Ion Ratio Lower Upper
112 100
64 69.0 57.2 85.8
63 35.3 29.4 44.0



#6
Aniline
Concen: 19.559 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

Tgt Ion: 93 Resp: 244090
Ion Ratio Lower Upper
93 100
66 42.7 34.7 52.1
65 21.8 18.5 27.7





#7

Phenol-d6

Concen: 112.809 ng

RT: 6.516 min Scan# 753

Delta R.T. 0.000 min

Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

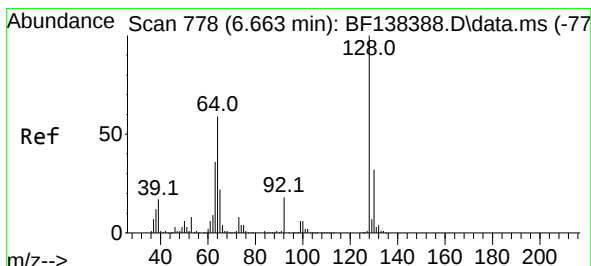
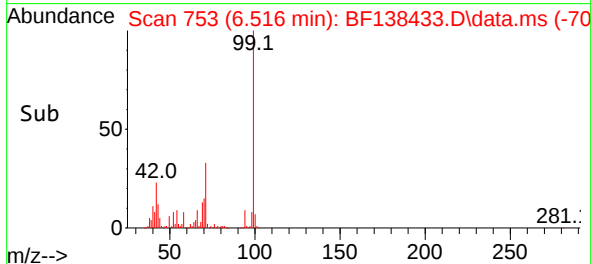
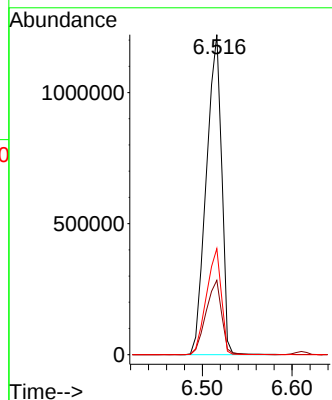
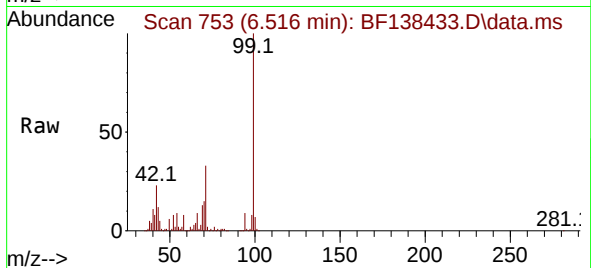
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 99 Resp: 1442664

Ion	Ratio	Lower	Upper
99	100		
42	23.2	18.5	27.7
71	33.2	26.1	39.1



#8

2-Chlorophenol

Concen: 50.997 ng

RT: 6.663 min Scan# 778

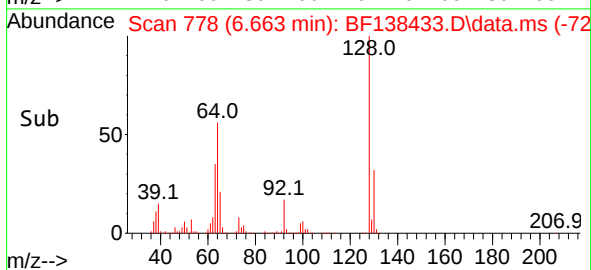
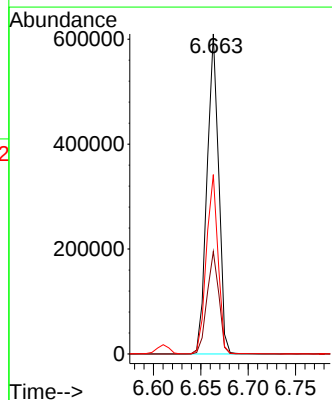
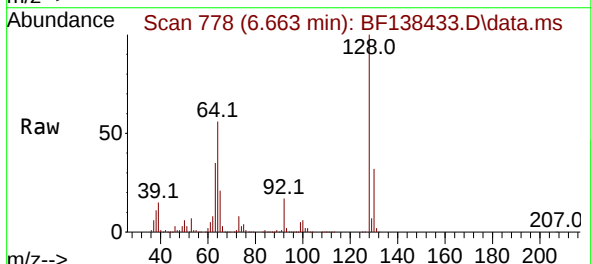
Delta R.T. 0.000 min

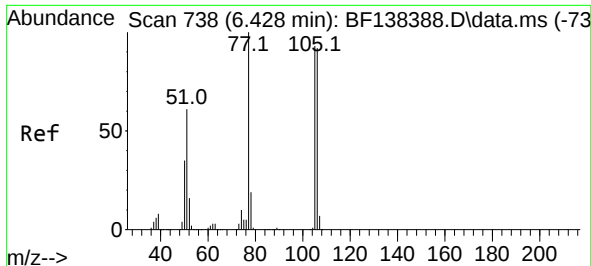
Lab File: BF138433.D

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Tgt Ion:128 Resp: 519727

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.3	52.3
64	56.1	39.6	79.6

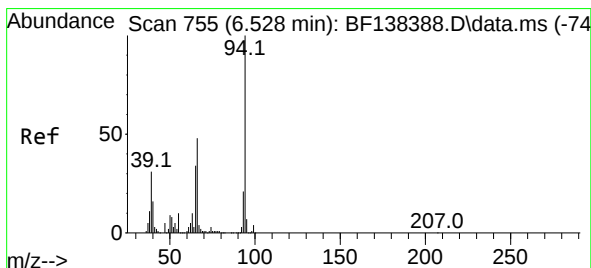
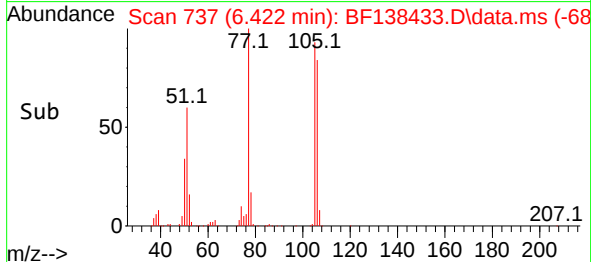
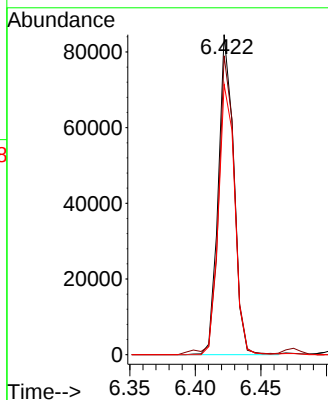
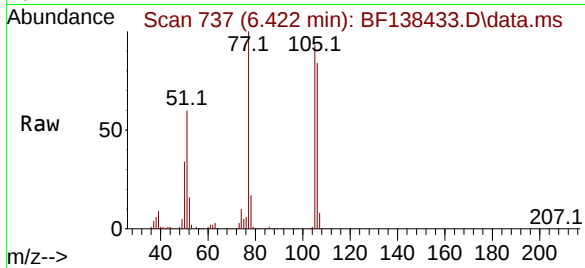




#9
Benzaldehyde
Concen: 8.774 ng
RT: 6.422 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

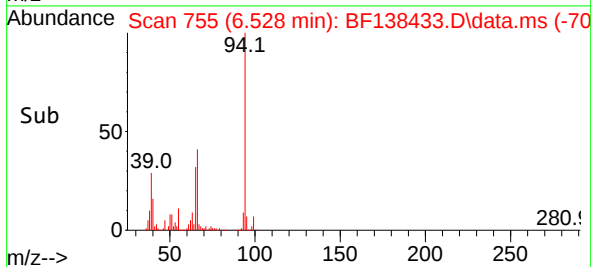
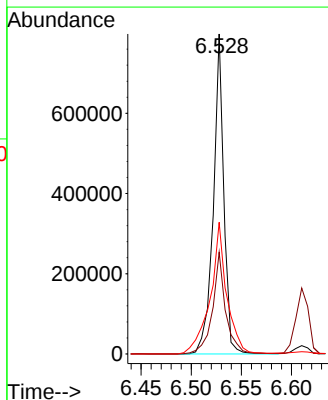
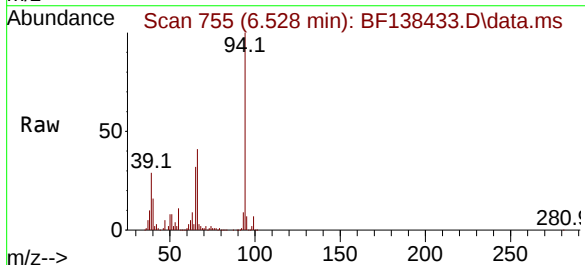
Instrument :
BNA_F
ClientSampleId :

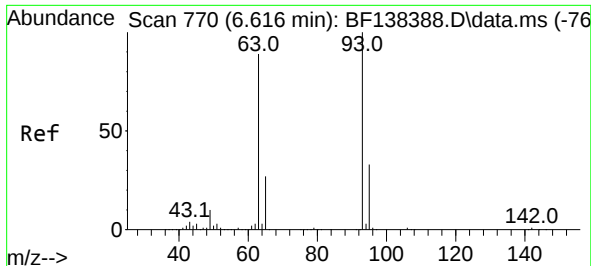
Tgt Ion: 77 Resp: 69252
Ion Ratio Lower Upper
77 100
105 93.4 73.2 113.2
106 84.4 71.5 111.5



#10
Phenol
Concen: 42.758 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

Tgt Ion: 94 Resp: 582577
Ion Ratio Lower Upper
94 100
65 31.8 14.2 54.2
66 41.1 27.9 67.9

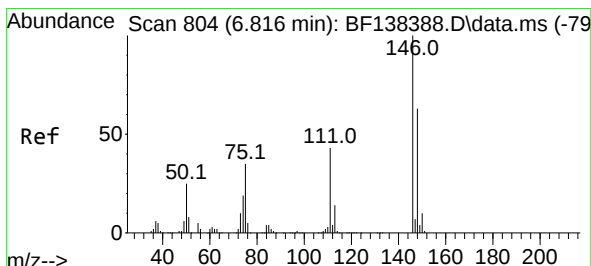
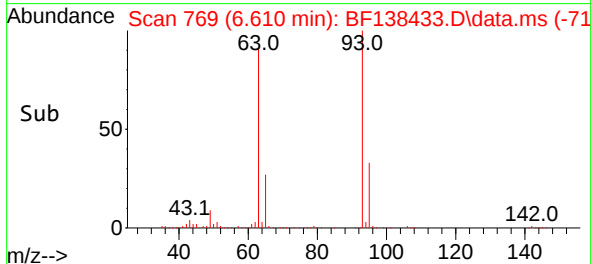
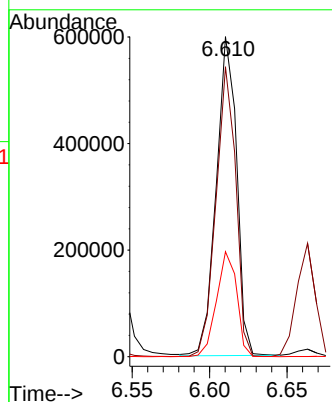
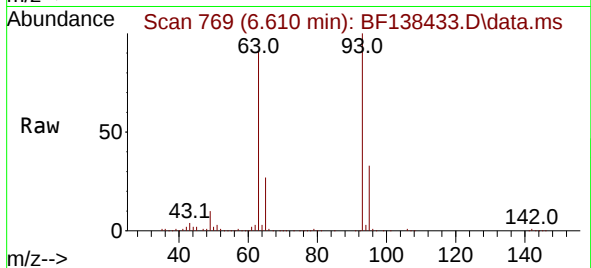




#11
bis(2-Chloroethyl)ether
Concen: 51.157 ng
RT: 6.610 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

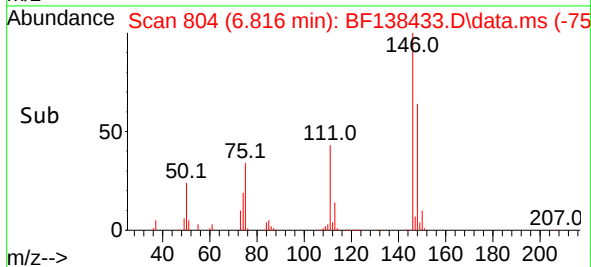
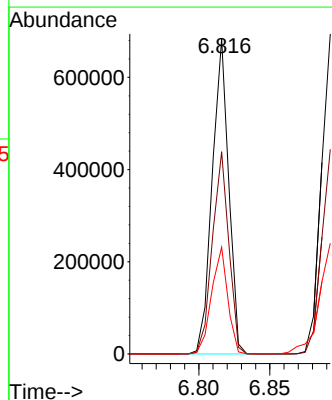
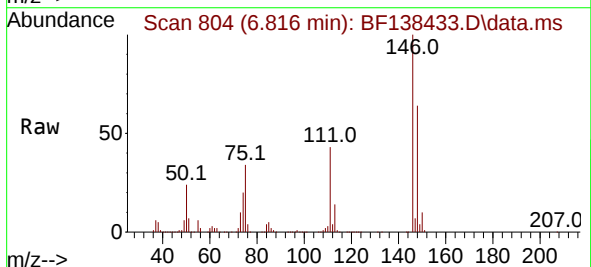
Instrument :
BNA_F
ClientSampleId :

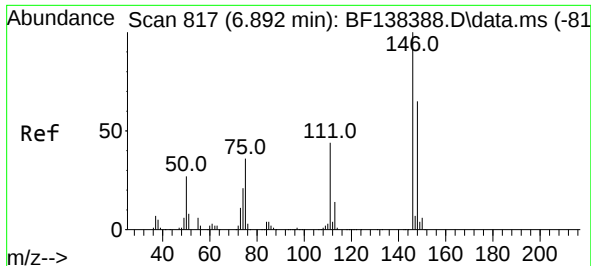
Tgt Ion: 93 Resp: 547427
Ion Ratio Lower Upper
93 100
63 90.6 68.2 108.2
95 32.8 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 47.145 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

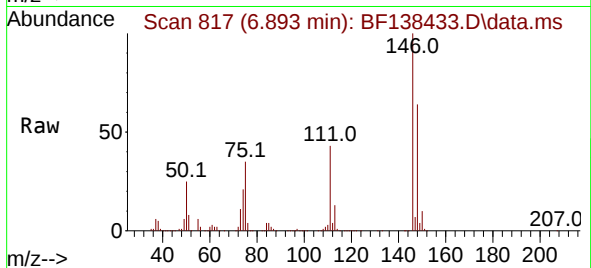
Tgt Ion:146 Resp: 550232
Ion Ratio Lower Upper
146 100
148 64.1 50.3 75.5
75 33.8 27.8 41.6



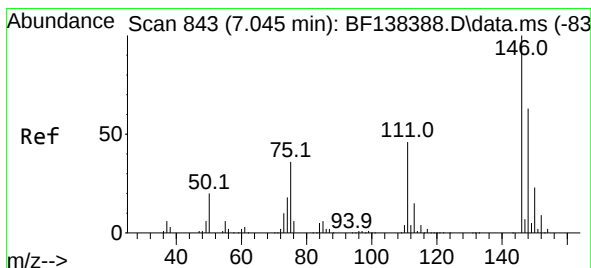
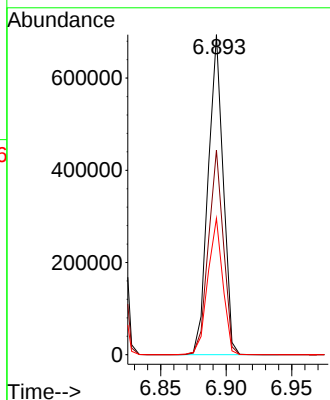
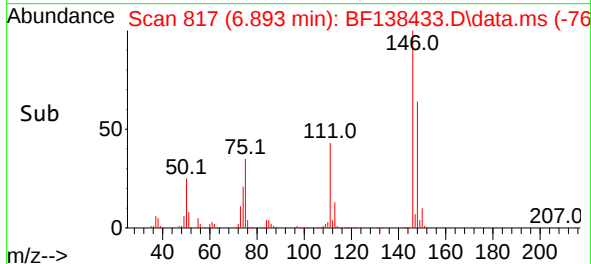


#13
1,4-Dichlorobenzene
Concen: 47.349 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

Instrument :
BNA_F
ClientSampleId :

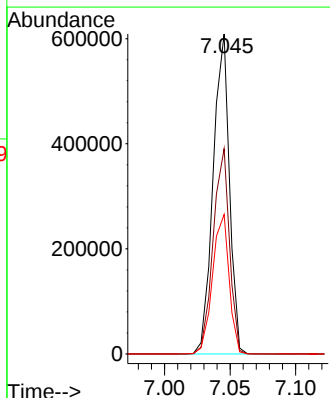
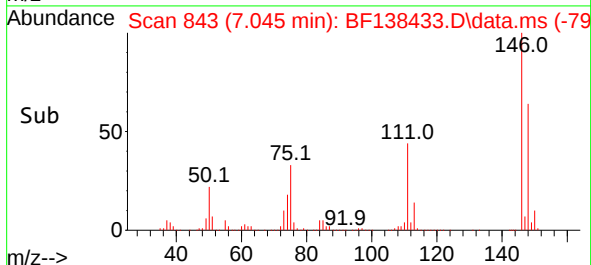
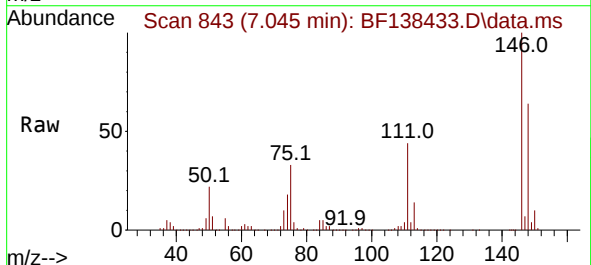


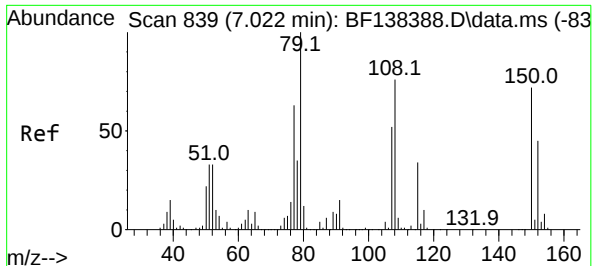
Tgt Ion:146 Resp: 554094
Ion Ratio Lower Upper
146 100
148 63.9 52.0 78.0
111 42.6 35.4 53.0



#14
1,2-Dichlorobenzene
Concen: 48.628 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

Tgt Ion:146 Resp: 525342
Ion Ratio Lower Upper
146 100
148 64.1 50.3 75.5
111 43.6 37.1 55.7





#15

Benzyl Alcohol

Concen: 50.275 ng

RT: 7.022 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

Instrument :

BNA_F

ClientSampleId :

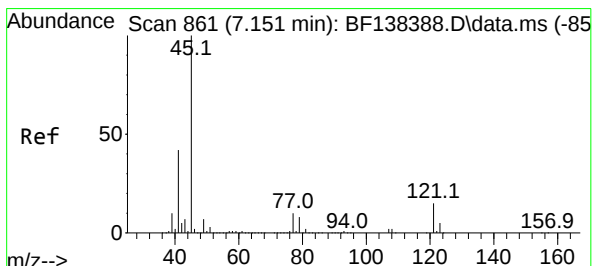
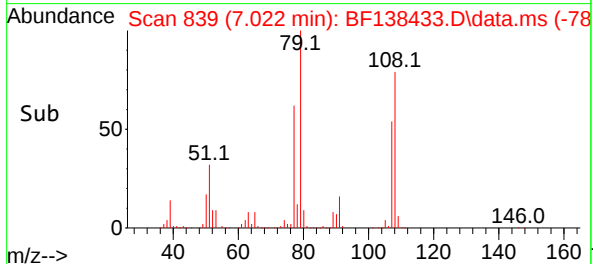
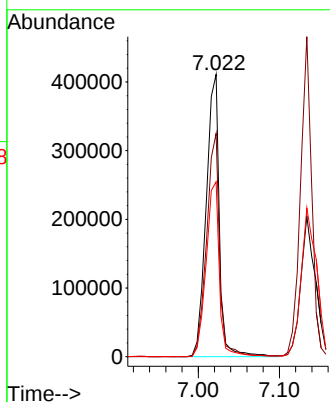
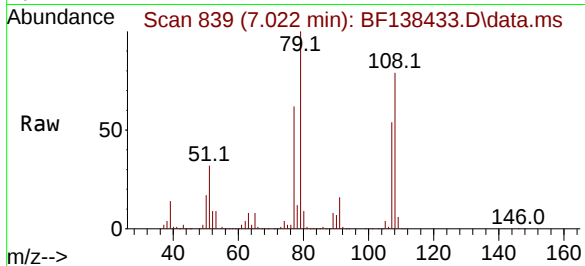
Tgt Ion: 79 Resp: 460509

Ion Ratio Lower Upper

79 100

108 79.1 60.9 91.3

77 62.0 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.584 ng

RT: 7.145 min Scan# 860

Delta R.T. -0.006 min

Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

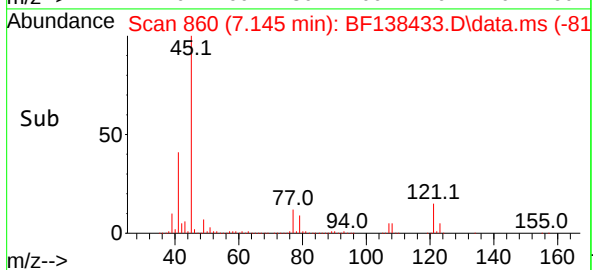
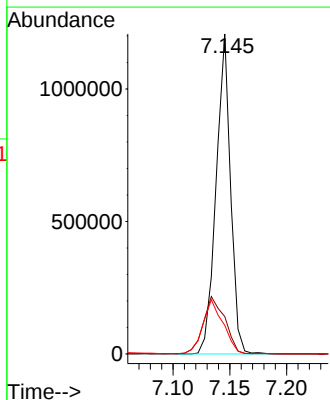
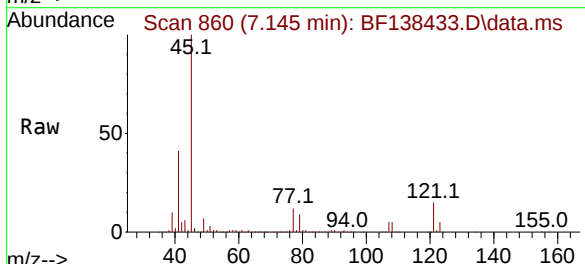
Tgt Ion: 45 Resp: 1070225

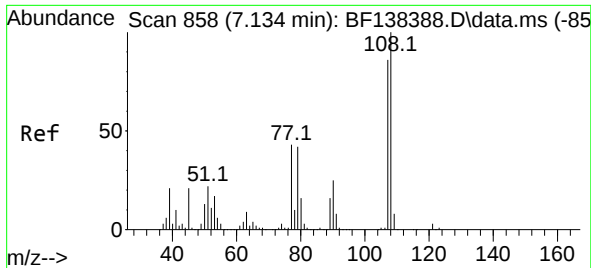
Ion Ratio Lower Upper

45 100

77 11.7 0.0 30.4

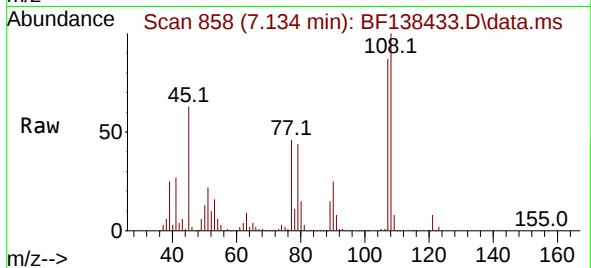
79 9.0 0.0 28.1



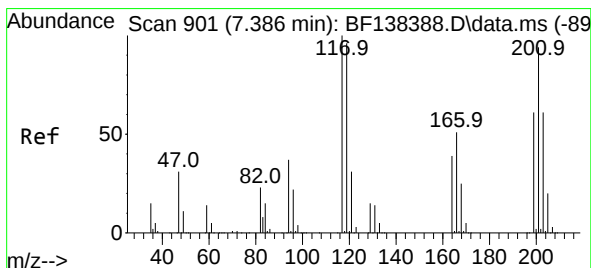
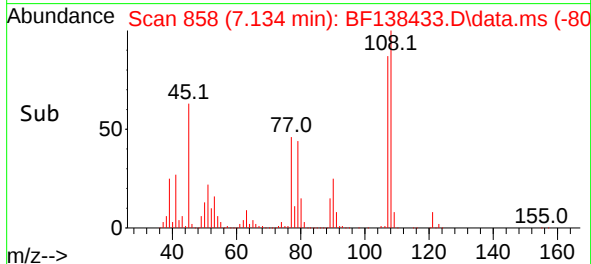
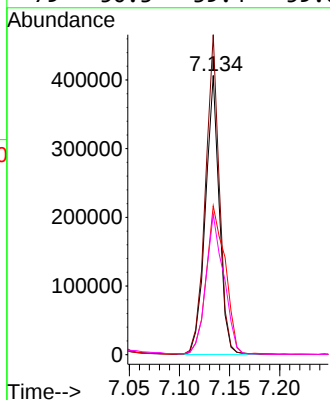


#17
2-Methylphenol
Concen: 46.646 ng
RT: 7.134 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

Instrument :
BNA_F
ClientSampleId :

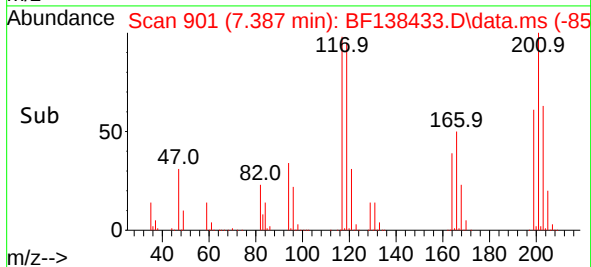
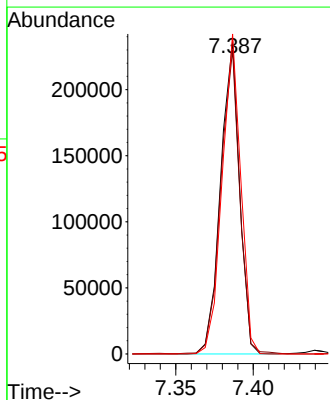
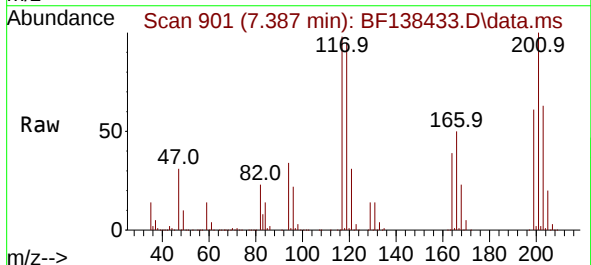


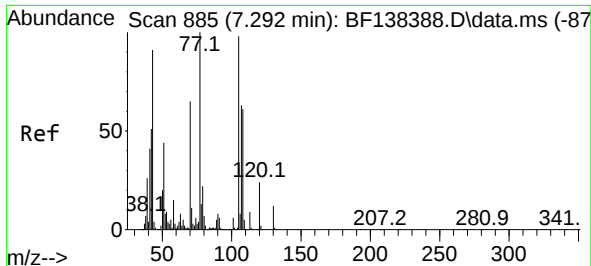
Tgt Ion:	107	Resp:	393991
Ion	Ratio	Lower	Upper
107	100		
108	114.6	92.6	138.8
77	53.3	40.3	60.5
79	50.3	39.4	59.0



#18
Hexachloroethane
Concen: 47.452 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

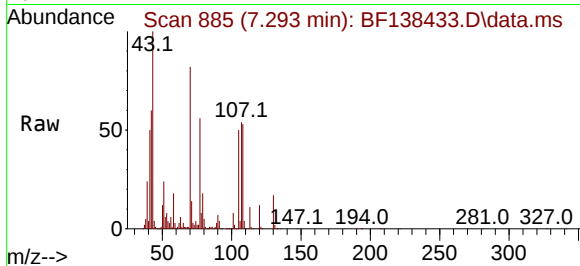
Tgt Ion:	117	Resp:	200293
Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.1	115.7
201	102.3	75.6	113.4



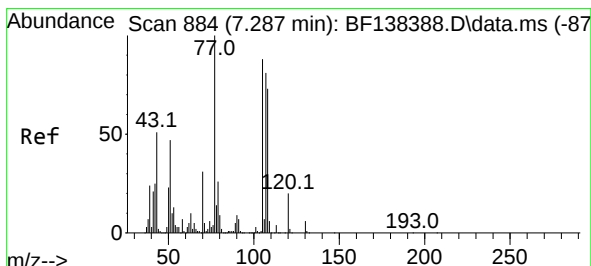
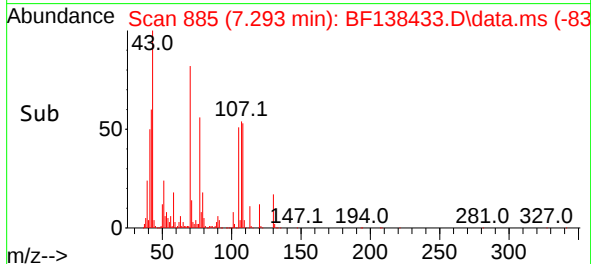
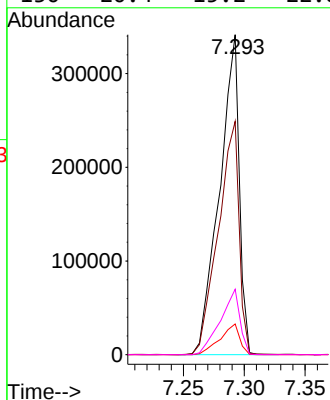


#19
n-Nitroso-di-n-propylamine
Concen: 47.889 ng
RT: 7.293 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

Instrument :
BNA_F
ClientSampleId :

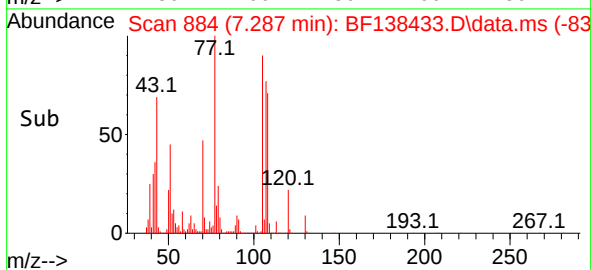
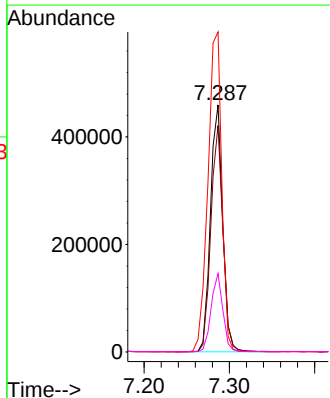
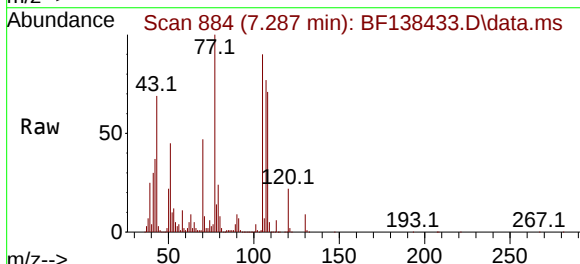


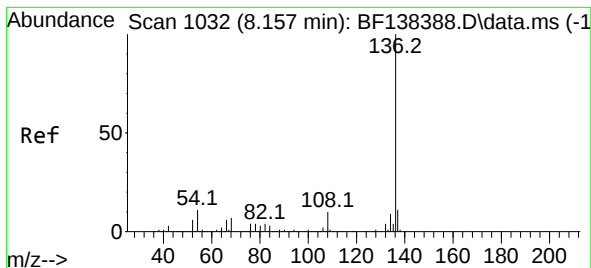
Tgt Ion: 70 Resp: 386088
Ion Ratio Lower Upper
70 100
42 72.9 62.5 93.7
101 9.6 7.0 10.4
130 20.4 15.2 22.8



#20
3+4-Methylphenols
Concen: 46.727 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

Tgt Ion: 107 Resp: 458573
Ion Ratio Lower Upper
107 100
108 91.7 70.8 110.8
77 129.5 104.0 144.0
79 31.7 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1032

Delta R.T. 0.000 min

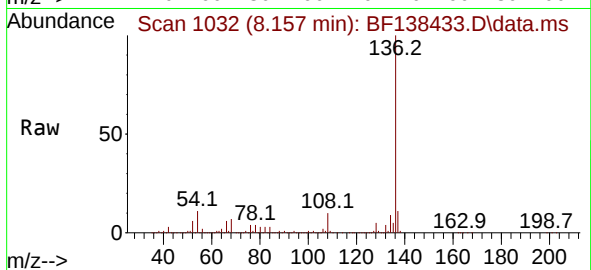
Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 603221

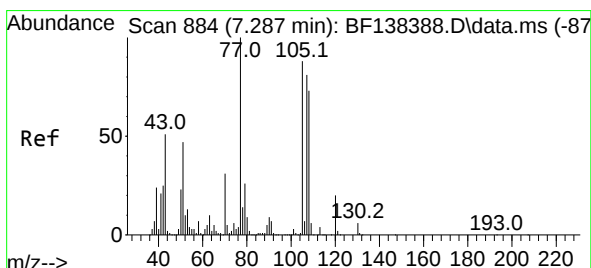
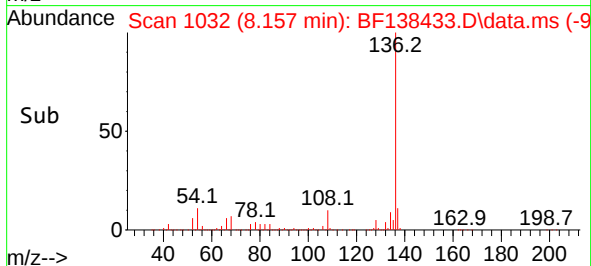
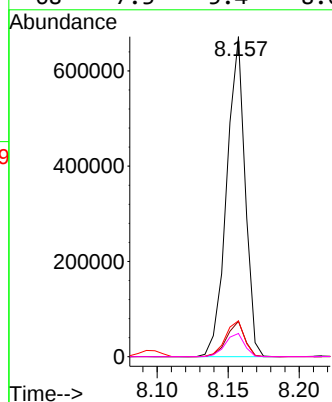
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 11.2 9.0 13.4

68 7.3 5.4 8.0



#22

Acetophenone

Concen: 46.177 ng

RT: 7.281 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

Tgt Ion:105 Resp: 631927

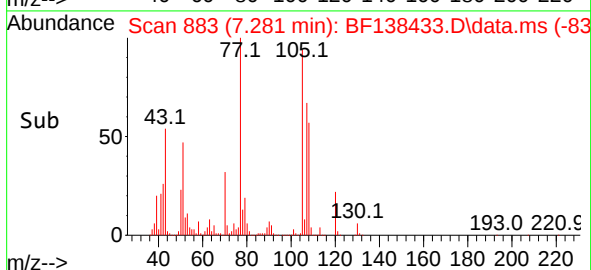
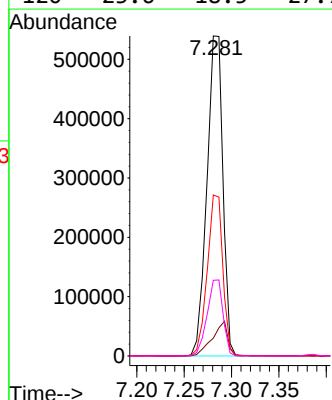
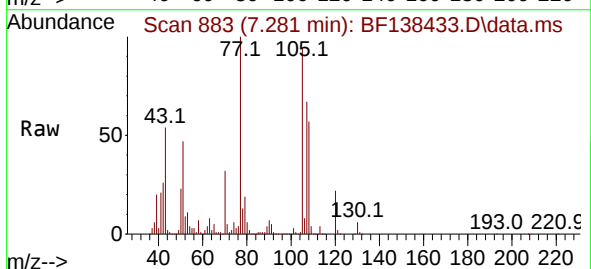
Ion Ratio Lower Upper

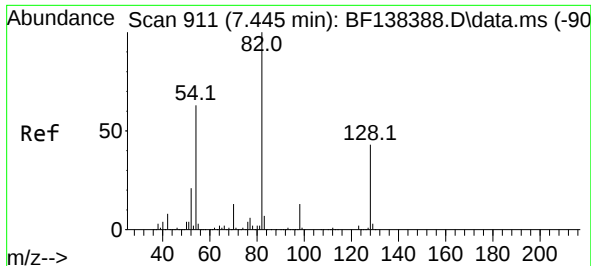
105 100

71 5.6 4.7 7.1

51 50.3 43.2 64.8

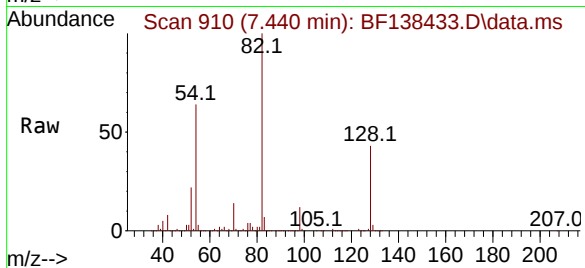
120 23.6 18.5 27.7



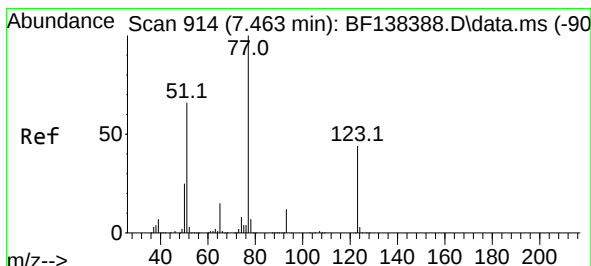
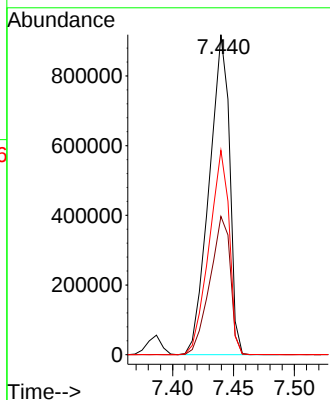
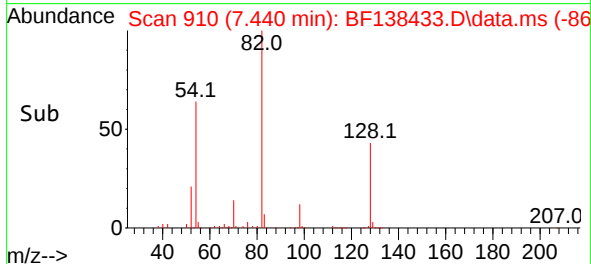


#23
Nitrobenzene-d5
Concen: 92.160 ng
RT: 7.440 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

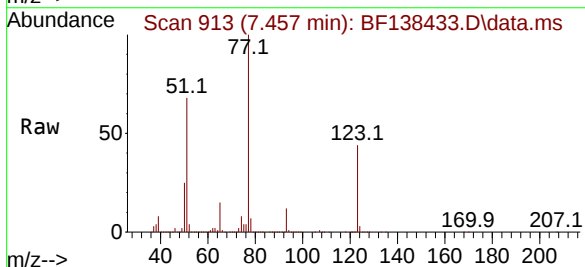
Instrument :
BNA_F
ClientSampleId :



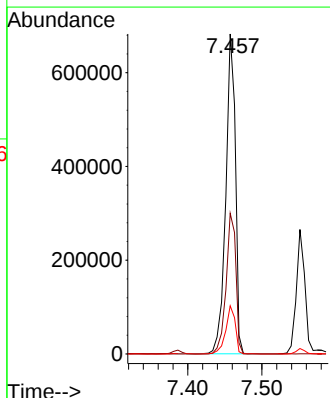
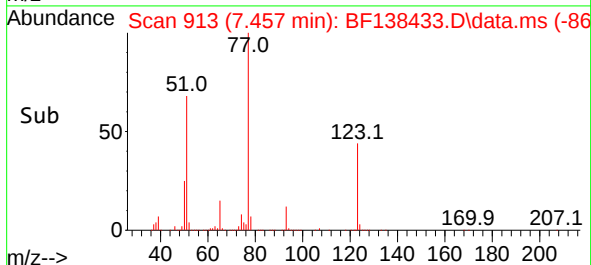
Tgt Ion: 82 Resp: 1070173
Ion Ratio Lower Upper
82 100
128 43.2 34.6 52.0
54 63.8 50.5 75.7

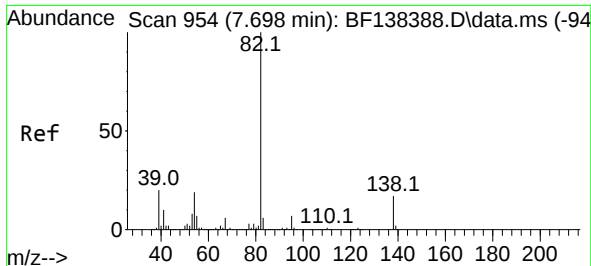


#24
Nitrobenzene
Concen: 52.186 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10



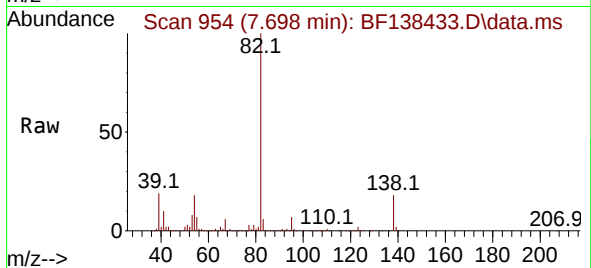
Tgt Ion: 77 Resp: 616350
Ion Ratio Lower Upper
77 100
123 44.0 35.0 52.6
65 15.1 12.1 18.1



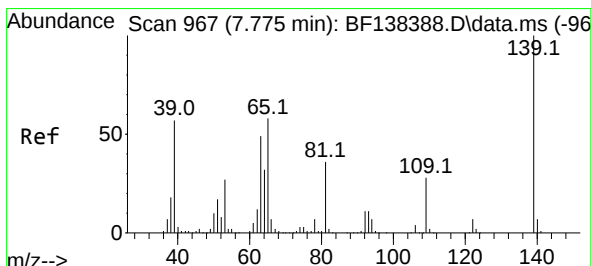
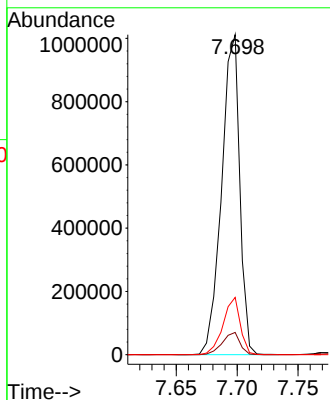
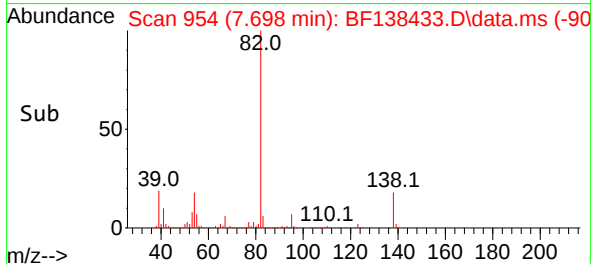


#25
Isophorone
Concen: 48.936 ng
RT: 7.698 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

Instrument :
BNA_F
ClientSampleId :

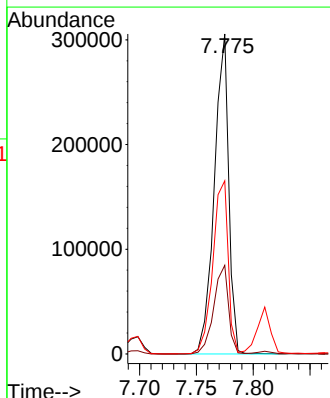
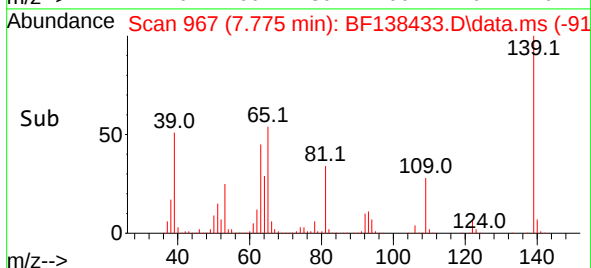
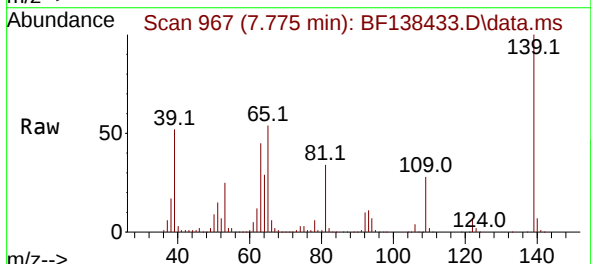


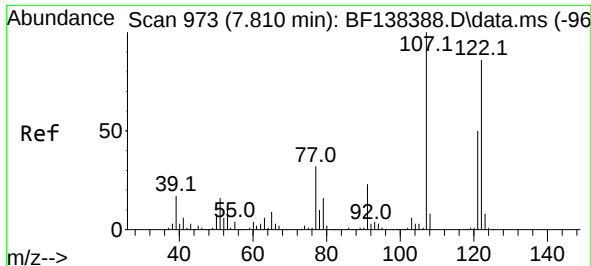
Tgt Ion: 82 Resp: 1047803
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 17.9 13.4 20.2



#26
2-Nitrophenol
Concen: 52.869 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

Tgt Ion:139 Resp: 269335
Ion Ratio Lower Upper
139 100
109 27.7 22.5 33.7
65 54.1 46.2 69.2

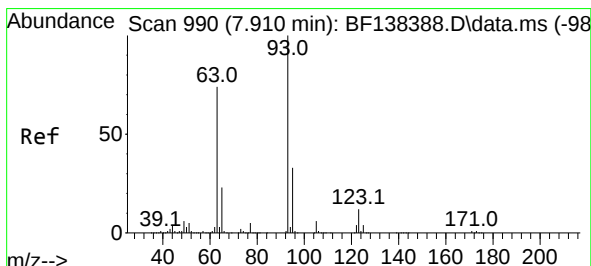
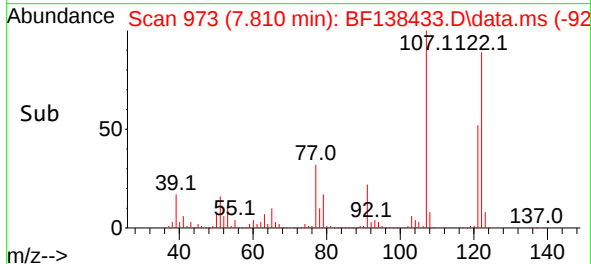
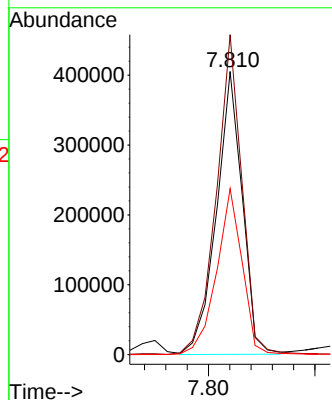
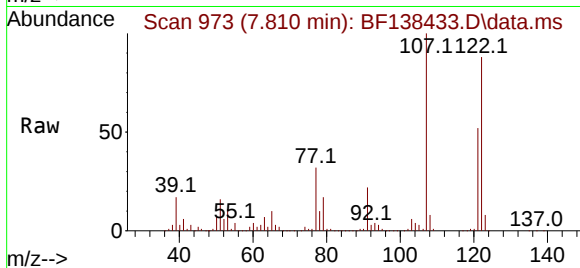




#27
2,4-Dimethylphenol
Concen: 52.099 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

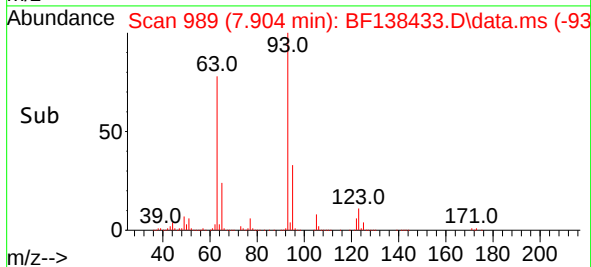
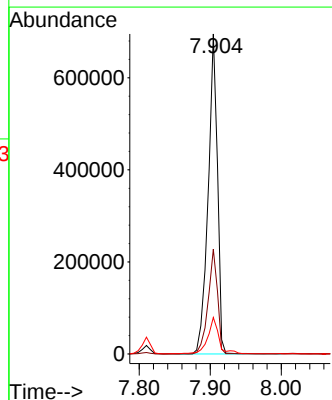
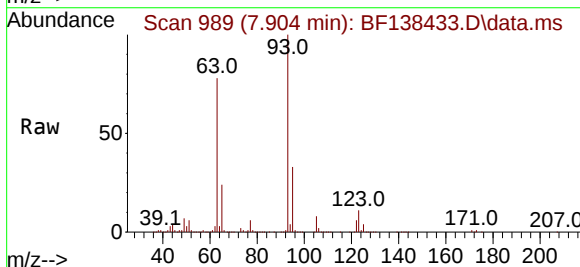
Instrument :
BNA_F
ClientSampleId :

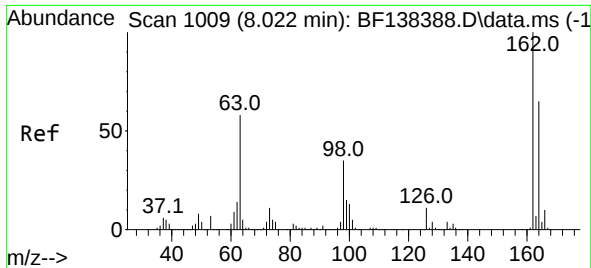
Tgt Ion:122 Resp: 339686
Ion Ratio Lower Upper
122 100
107 113.0 92.5 138.7
121 58.7 46.5 69.7



#28
bis(2-Chloroethoxy)methane
Concen: 49.440 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

Tgt Ion: 93 Resp: 637177
Ion Ratio Lower Upper
93 100
95 32.8 26.6 40.0
123 11.4 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 48.157 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

Instrument :

BNA_F

ClientSampleId :

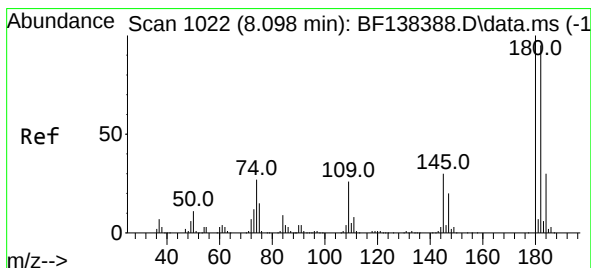
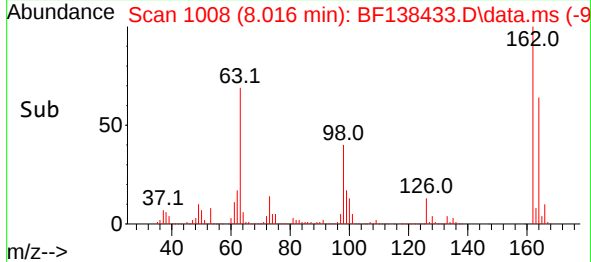
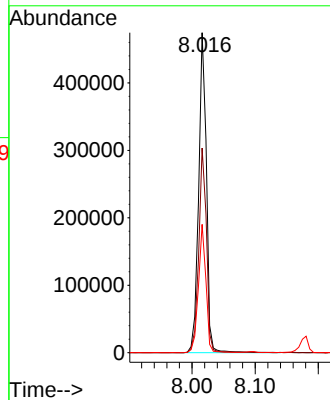
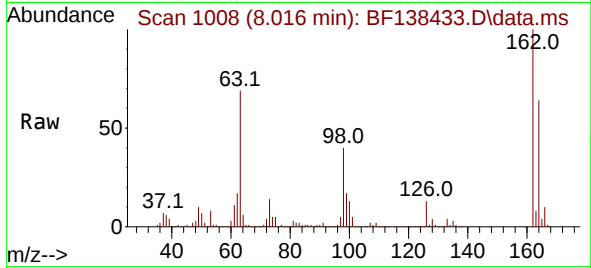
Tgt Ion:162 Resp: 403273

Ion Ratio Lower Upper

162 100

164 64.0 45.4 85.4

98 40.1 15.2 55.2



#30

1,2,4-Trichlorobenzene

Concen: 46.518 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

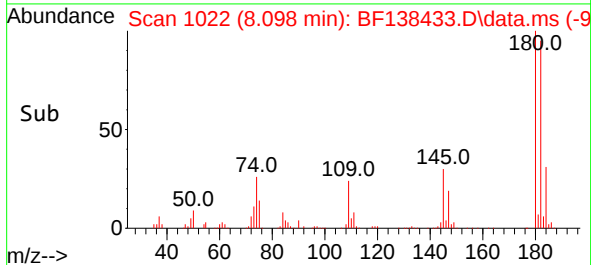
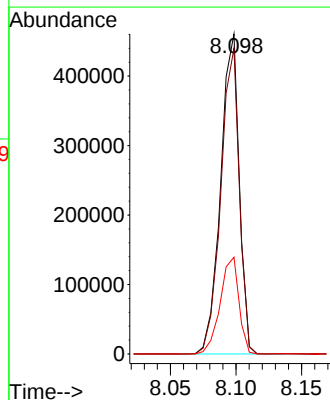
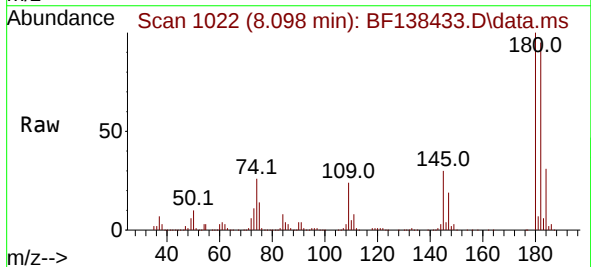
Tgt Ion:180 Resp: 452932

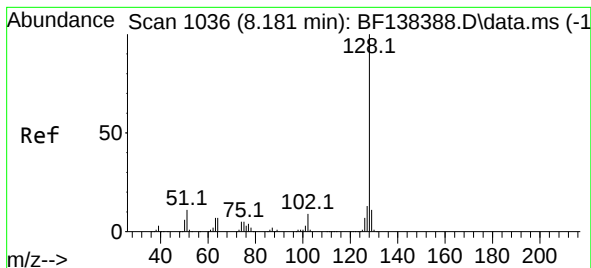
Ion Ratio Lower Upper

180 100

182 95.5 76.0 114.0

145 30.2 24.2 36.2





#31

Naphthalene

Concen: 47.990 ng

RT: 8.181 min Scan# 1036

Delta R.T. 0.000 min

Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

Instrument :

BNA_F

ClientSampleId :

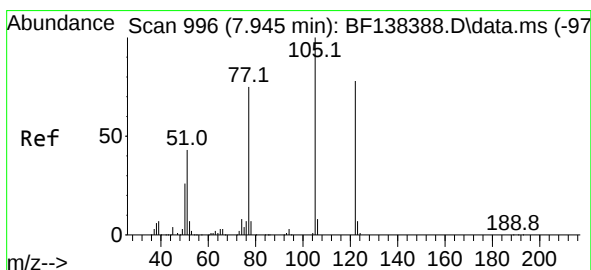
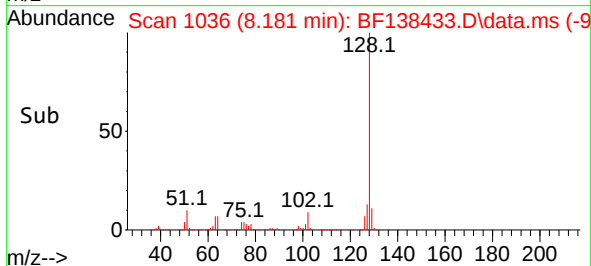
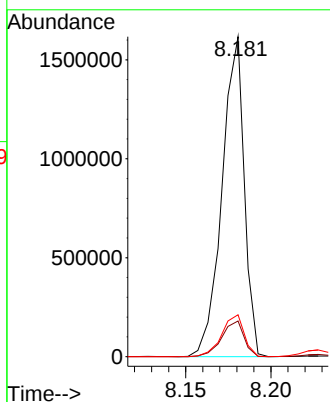
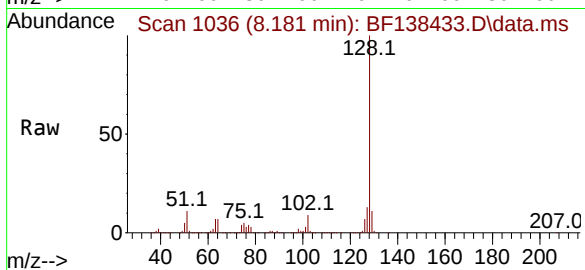
Tgt Ion:128 Resp: 1463454

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

127 13.1 10.6 16.0



#32

Benzoic acid

Concen: 39.599 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.011 min

Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

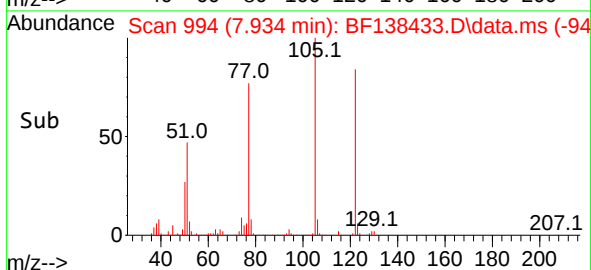
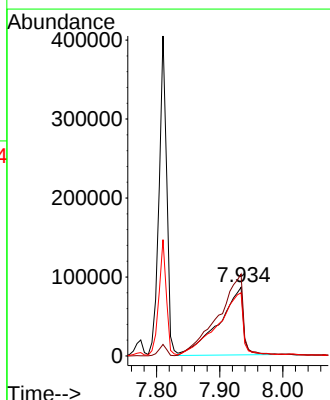
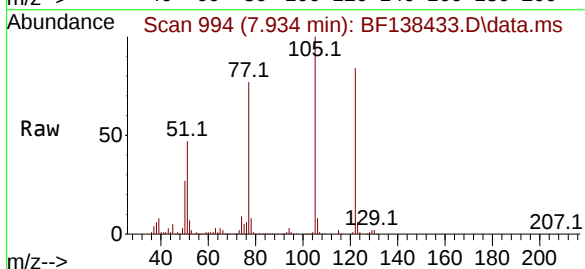
Tgt Ion:122 Resp: 231311

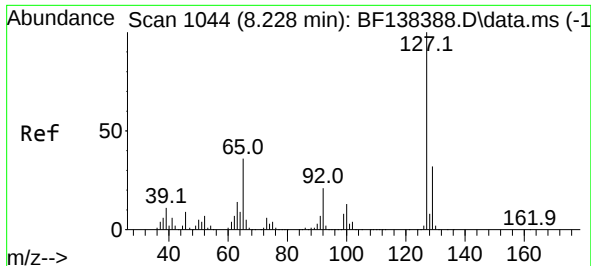
Ion Ratio Lower Upper

122 100

105 119.4 103.8 143.8

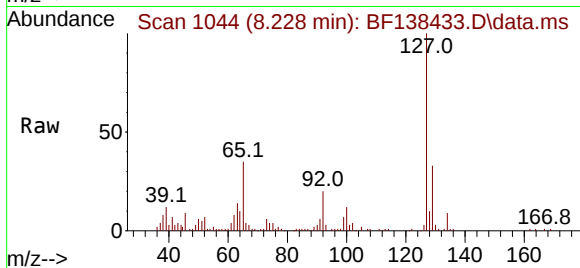
77 92.1 74.3 114.3



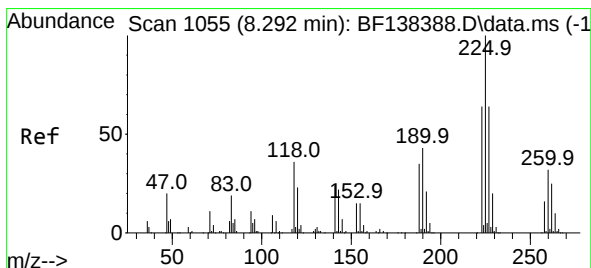
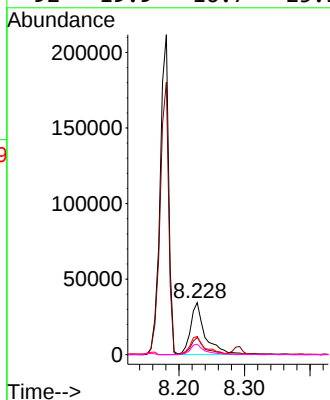
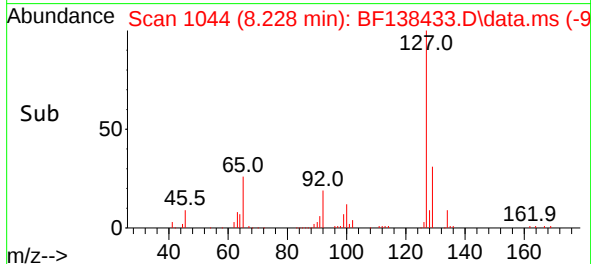


#33
4-Chloroaniline
Concen: 5.003 ng
RT: 8.228 min Scan# 1044
Delta R.T. 0.000 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

Instrument :
BNA_F
ClientSampleId :

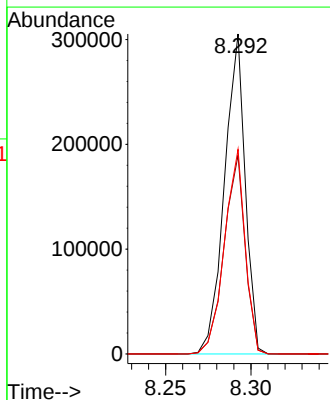
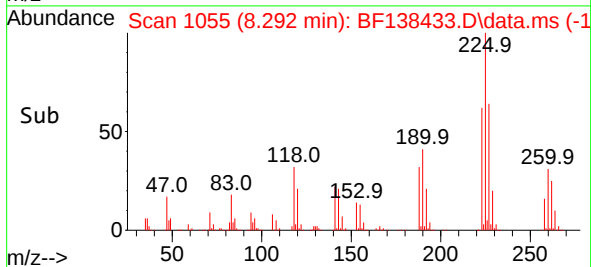
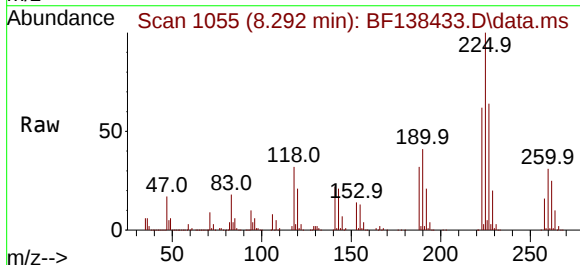


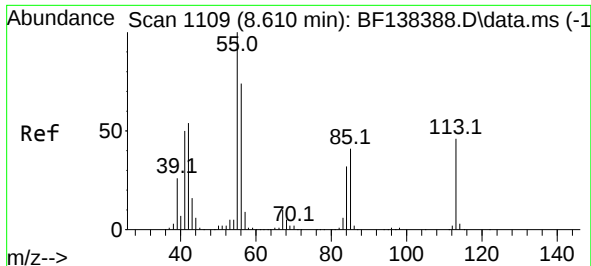
Tgt Ion:	127	Resp:	53286
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.4	38.2
65	35.0	28.7	43.1
92	19.9	16.7	25.1



#34
Hexachlorobutadiene
Concen: 44.310 ng
RT: 8.292 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

Tgt Ion:	225	Resp:	259028
Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.0	76.6
227	63.9	51.2	76.8

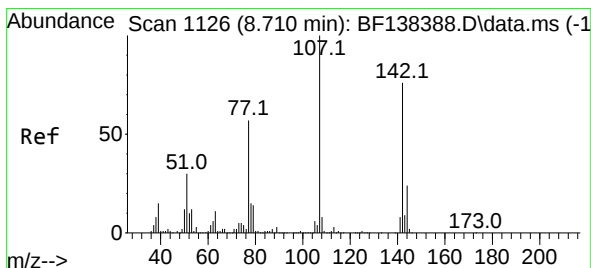
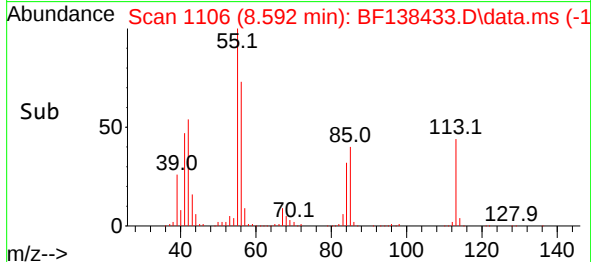
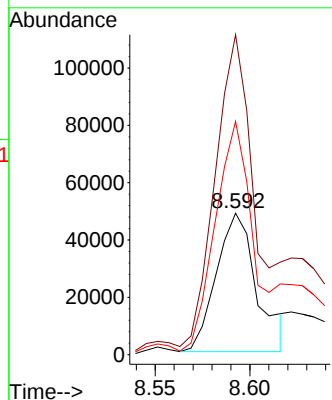
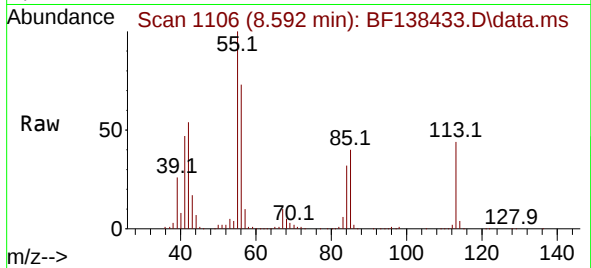




#35
 Caprolactam
 Concen: 27.140 ng
 RT: 8.592 min Scan# 1106
 Delta R.T. -0.018 min
 Lab File: BF138433.D
 Acq: 02 Jul 2024 18:10

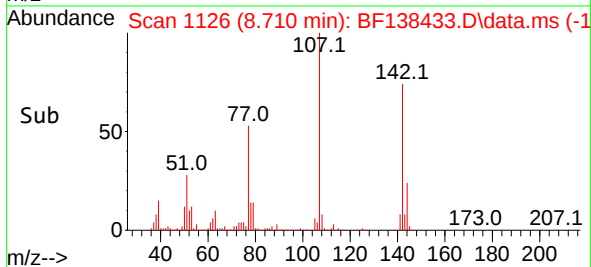
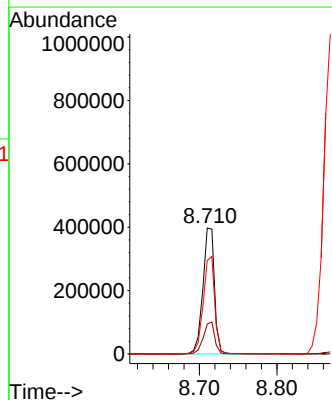
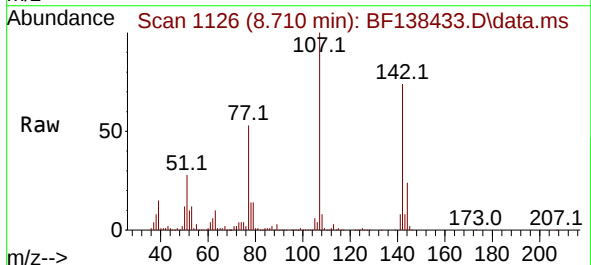
Instrument :
 BNA_F
 ClientSampleId :

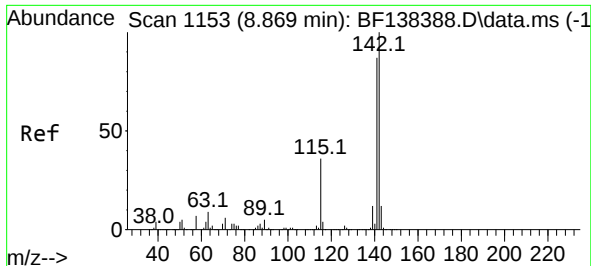
Tgt Ion:113 Resp: 71767
 Ion Ratio Lower Upper
 113 100
 55 226.4 195.9 235.9
 56 165.0 138.7 178.7



#36
 4-Chloro-3-methylphenol
 Concen: 46.529 ng
 RT: 8.710 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: BF138433.D
 Acq: 02 Jul 2024 18:10

Tgt Ion:107 Resp: 415030
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.2 28.8
 142 74.2 61.0 91.6





#37

2-Methylnaphthalene

Concen: 45.999 ng

RT: 8.869 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

Instrument :

BNA_F

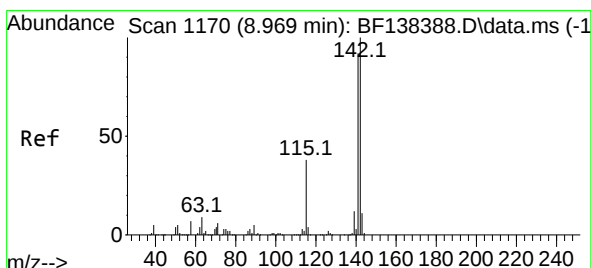
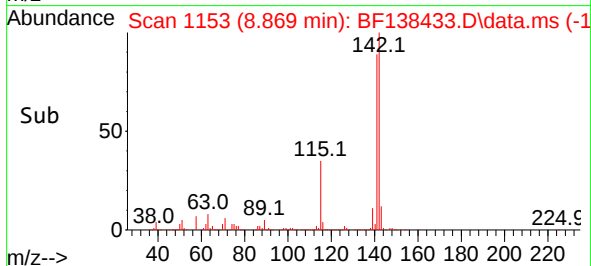
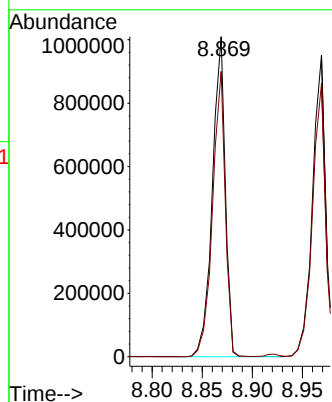
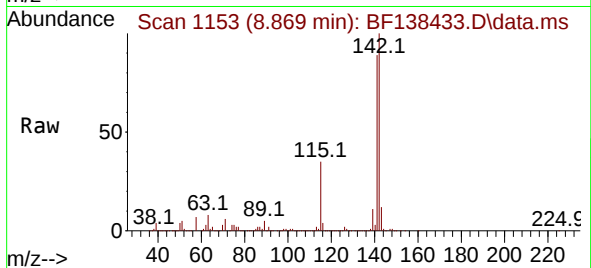
ClientSampleId :

Tgt Ion:142 Resp: 906569

Ion Ratio Lower Upper

142 100

141 89.2 69.6 104.4



#38

1-Methylnaphthalene

Concen: 44.336 ng

RT: 8.969 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF138433.D

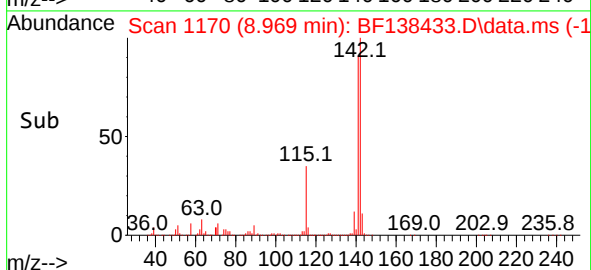
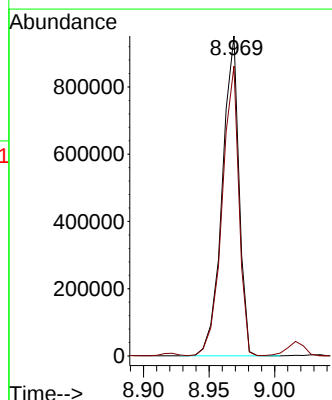
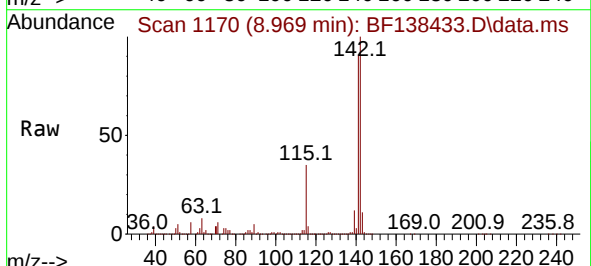
Acq: 02 Jul 2024 18:10

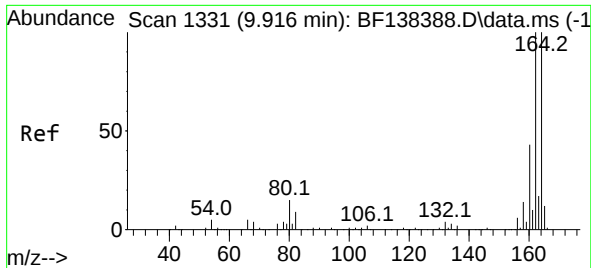
Tgt Ion:142 Resp: 847429

Ion Ratio Lower Upper

142 100

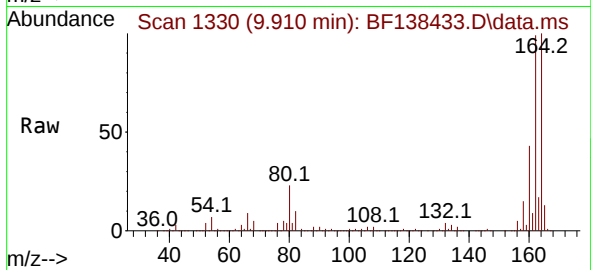
141 90.5 73.7 110.5



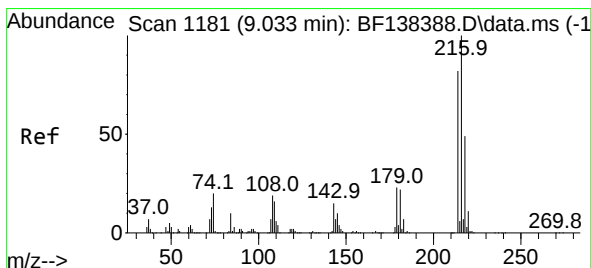
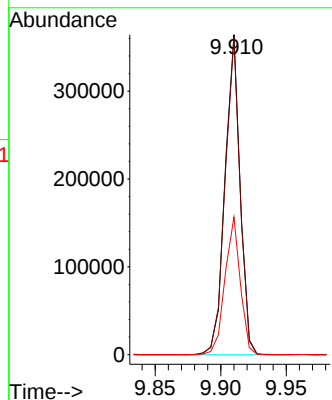
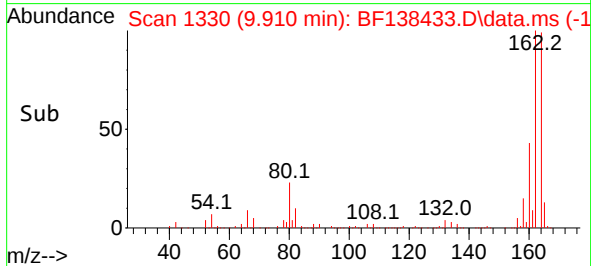


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

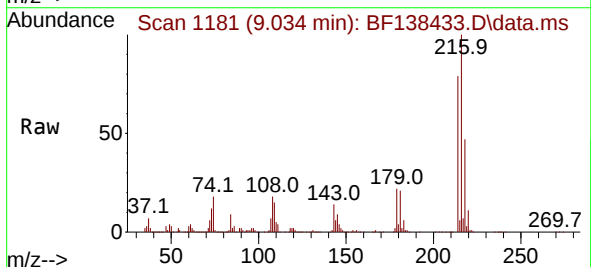
Instrument :
BNA_F
ClientSampleId :



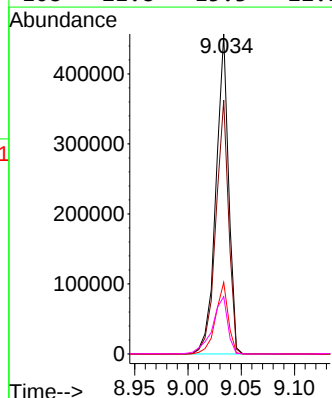
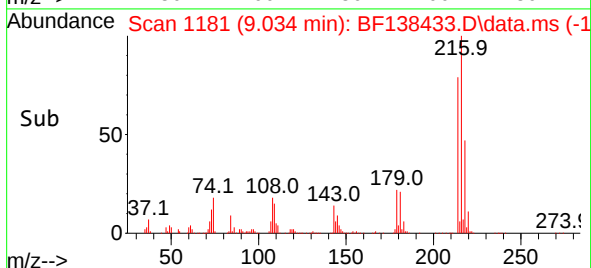
Tgt Ion:164 Resp: 290310
Ion Ratio Lower Upper
164 100
162 99.3 80.1 120.1
160 43.0 34.1 51.1

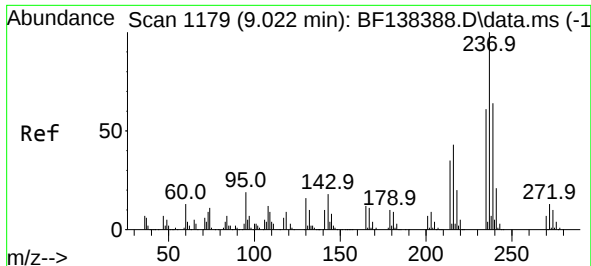


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.831 ng
RT: 9.034 min Scan# 1181
Delta R.T. 0.001 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10



Tgt Ion:216 Resp: 376051
Ion Ratio Lower Upper
216 100
214 80.1 64.2 96.4
179 22.2 17.4 26.0
108 21.8 15.3 22.9

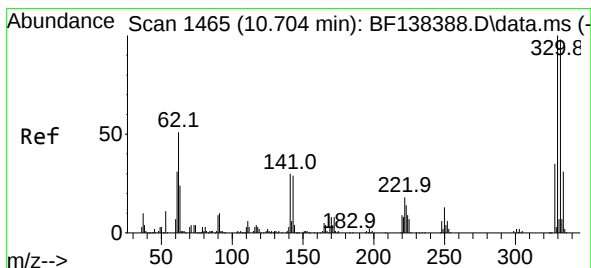
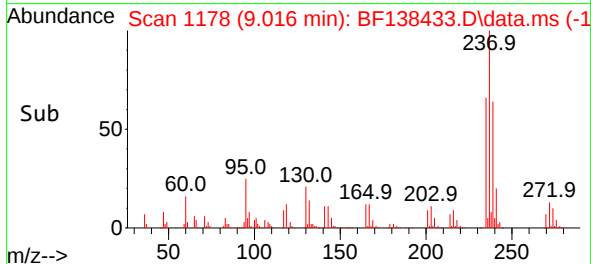
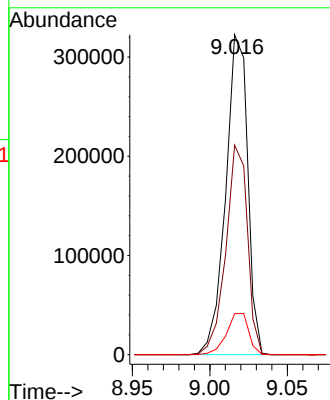
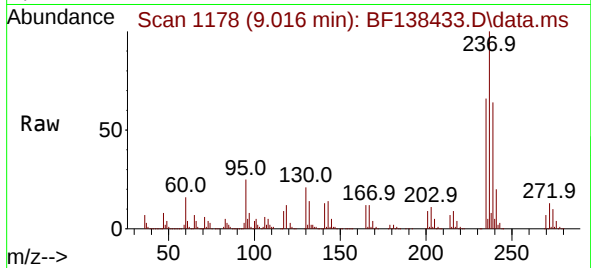




#41
Hexachlorocyclopentadiene
Concen: 134.705 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

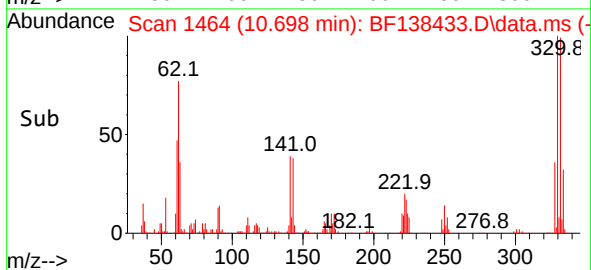
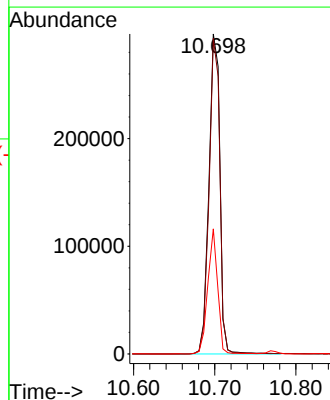
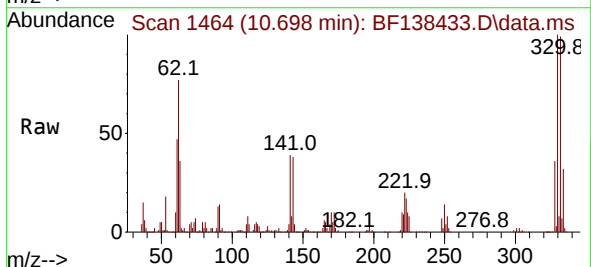
Instrument :
BNA_F
ClientSampleId :

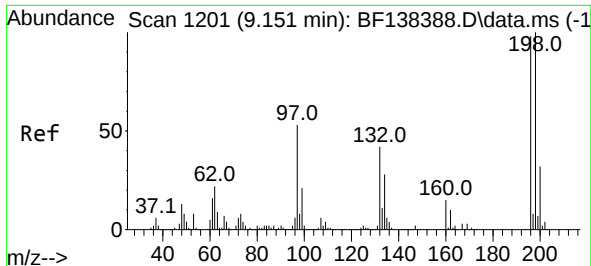
Tgt Ion:237 Resp: 318397
Ion Ratio Lower Upper
237 100
235 65.5 41.4 81.4
272 12.8 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 117.040 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

Tgt Ion:330 Resp: 277604
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 35.4 28.1 42.1





#43

2,4,6-Trichlorophenol

Concen: 50.259 ng

RT: 9.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

Instrument :

BNA_F

ClientSampleId :

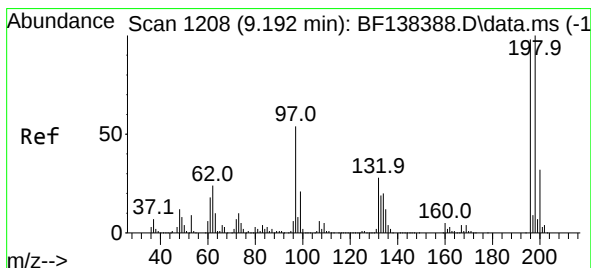
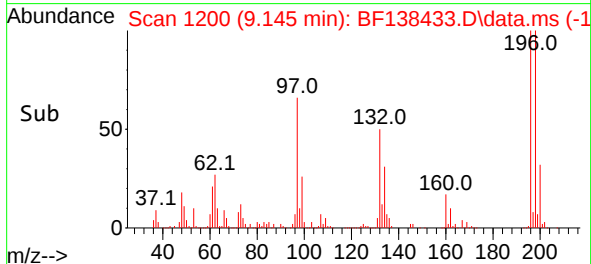
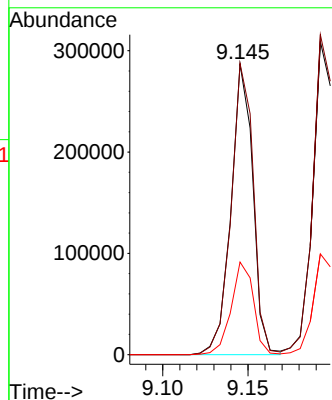
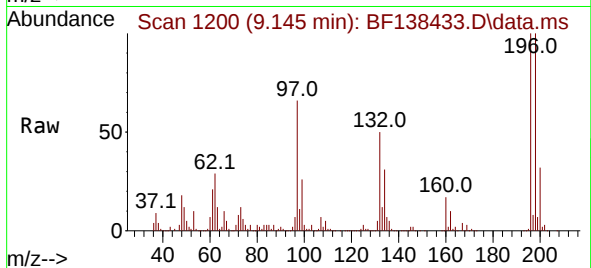
Tgt Ion:196 Resp: 256801

Ion Ratio Lower Upper

196 100

198 100.2 81.8 122.8

200 31.9 26.2 39.4



#44

2,4,5-Trichlorophenol

Concen: 47.590 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

Tgt Ion:196 Resp: 264457

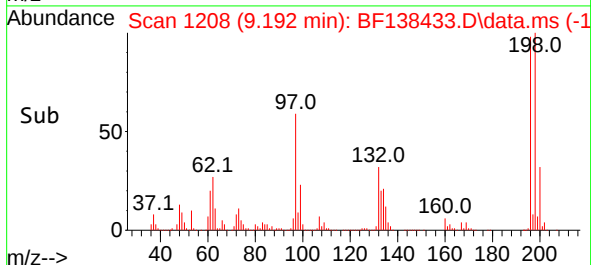
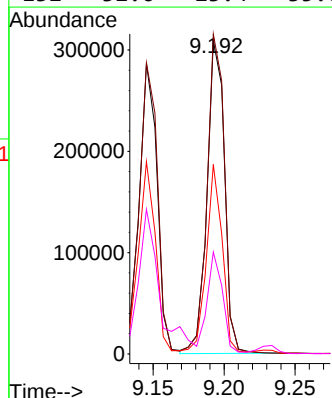
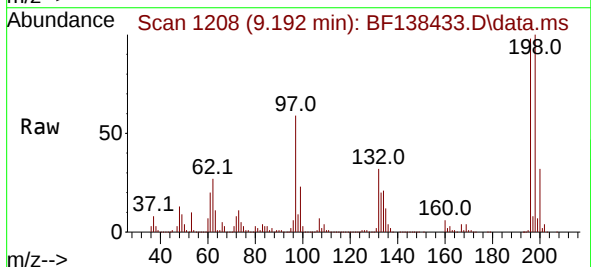
Ion Ratio Lower Upper

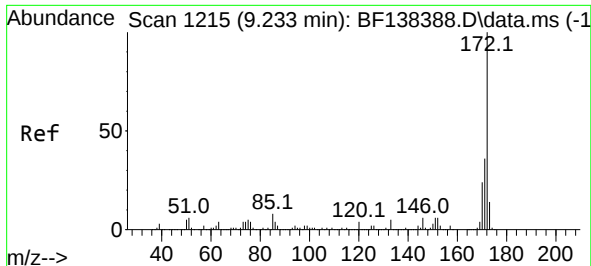
196 100

198 102.2 81.8 122.6

97 60.5 44.2 66.4

132 32.6 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 89.601 ng

RT: 9.234 min Scan# 1215

Delta R.T. 0.001 min

Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

Instrument :

BNA_F

ClientSampleId :

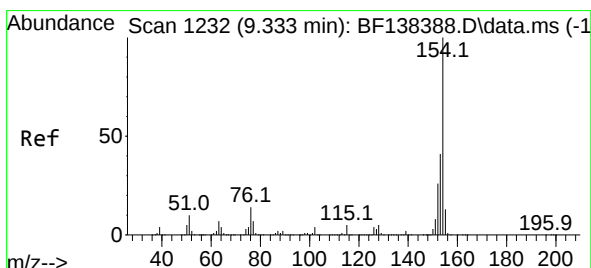
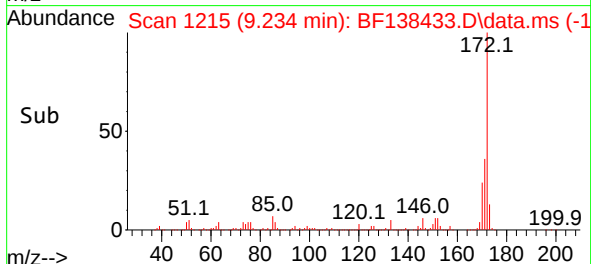
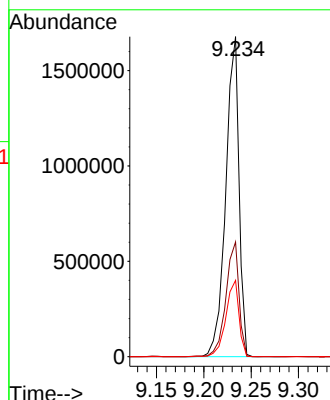
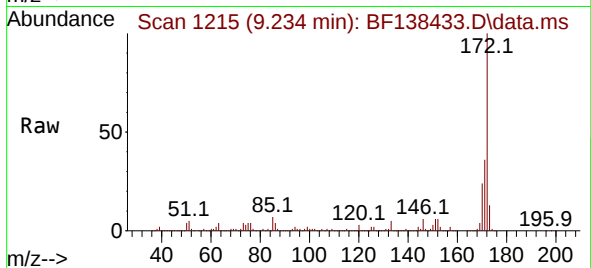
Tgt Ion:172 Resp: 1634484

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.4

170 23.8 19.0 28.6



#46

1,1'-Biphenyl

Concen: 47.815 ng

RT: 9.334 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

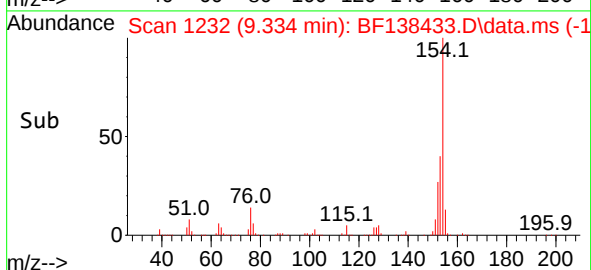
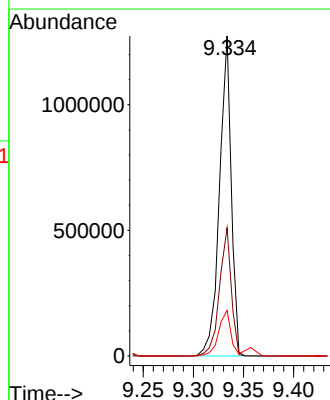
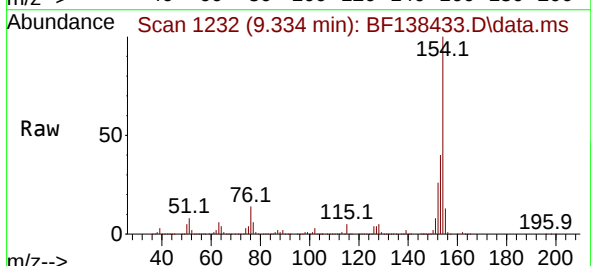
Tgt Ion:154 Resp: 1036453

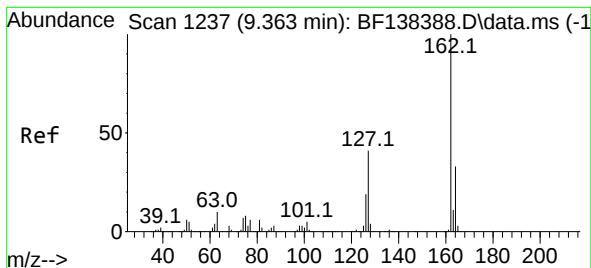
Ion Ratio Lower Upper

154 100

153 40.0 20.5 60.5

76 14.2 0.0 34.4





#47

2-Chloronaphthalene

Concen: 49.746 ng

RT: 9.357 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

Instrument :

BNA_F

ClientSampleId :

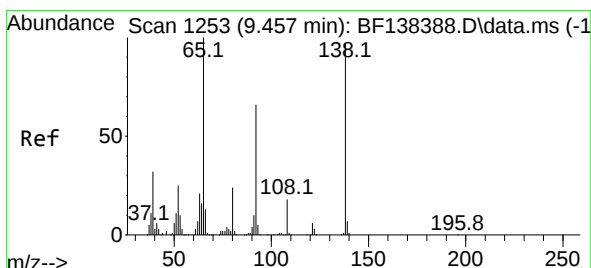
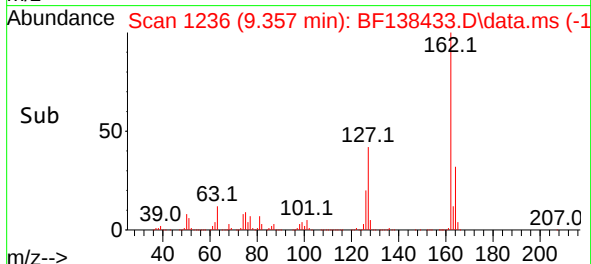
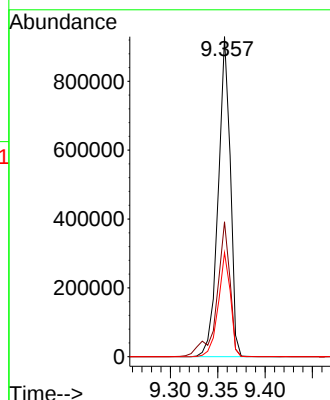
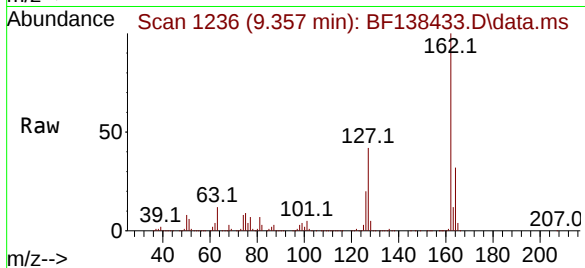
Tgt Ion:162 Resp: 822154

Ion Ratio Lower Upper

162 100

127 42.2 32.7 49.1

164 32.5 26.6 40.0



#48

2-Nitroaniline

Concen: 47.590 ng

RT: 9.451 min Scan# 1252

Delta R.T. -0.006 min

Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

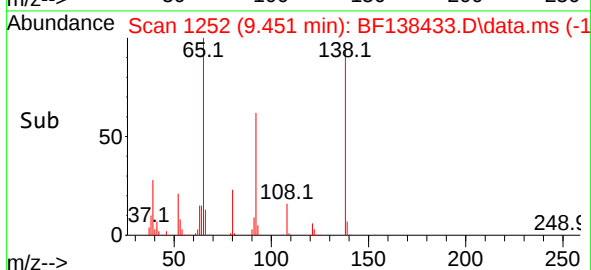
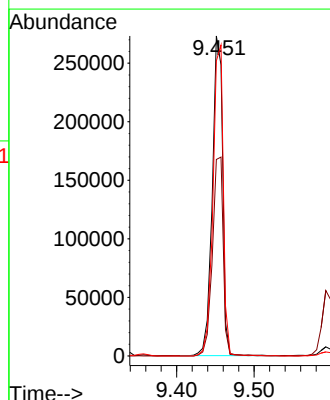
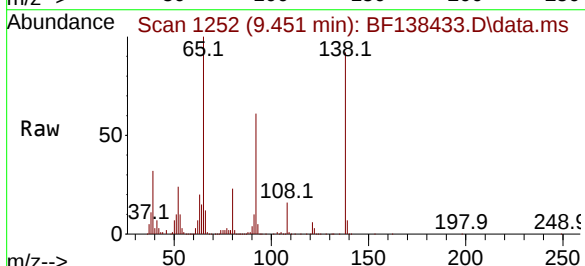
Tgt Ion: 65 Resp: 253710

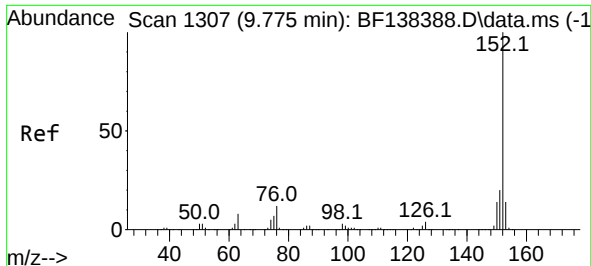
Ion Ratio Lower Upper

65 100

92 61.4 52.6 79.0

138 92.2 77.4 116.0





#49

Acenaphthylene

Concen: 52.735 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.000 min

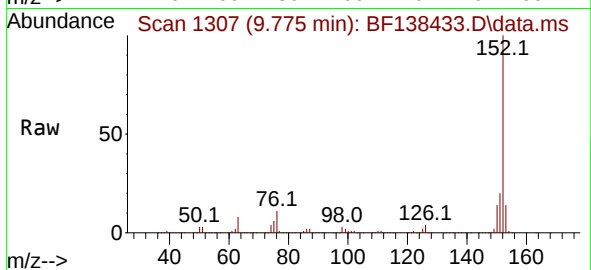
Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

Instrument :

BNA_F

ClientSampleId :



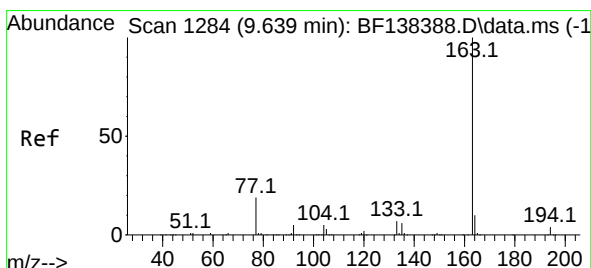
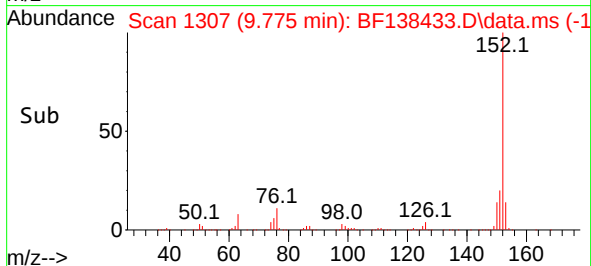
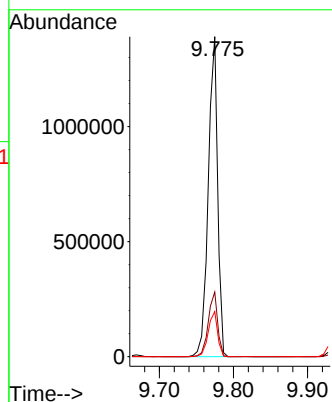
Tgt Ion:152 Resp: 1225750

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 14.1 11.4 17.2



#50

Dimethylphthalate

Concen: 50.777 ng

RT: 9.634 min Scan# 1283

Delta R.T. -0.006 min

Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

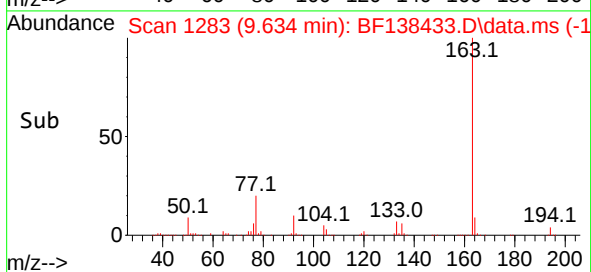
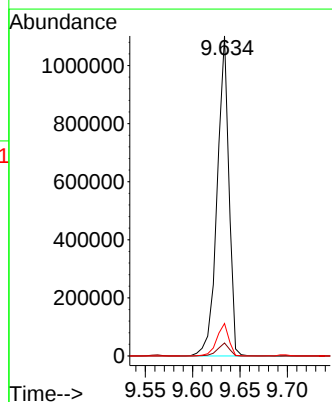
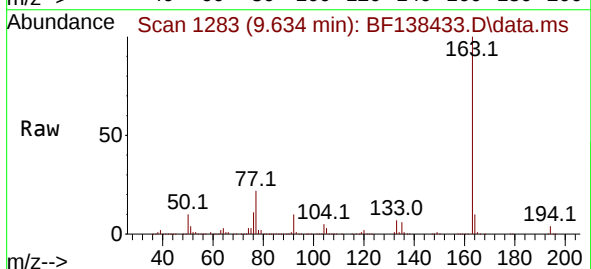
Tgt Ion:163 Resp: 947389

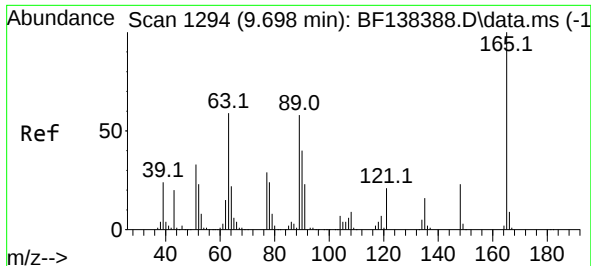
Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

164 10.2 8.2 12.4

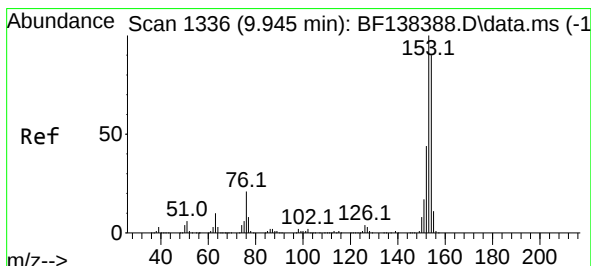
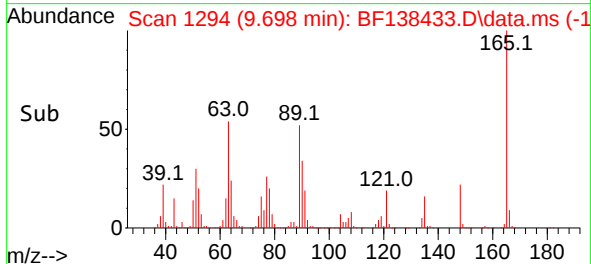
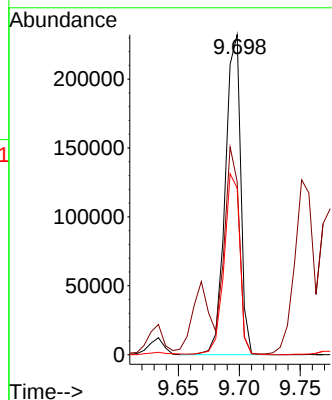
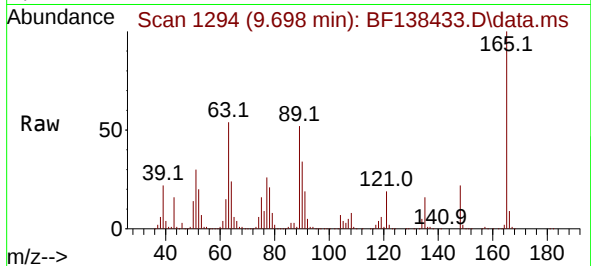




#51
2,6-Dinitrotoluene
Concen: 49.058 ng
RT: 9.698 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

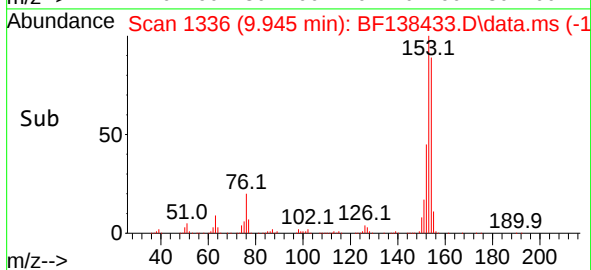
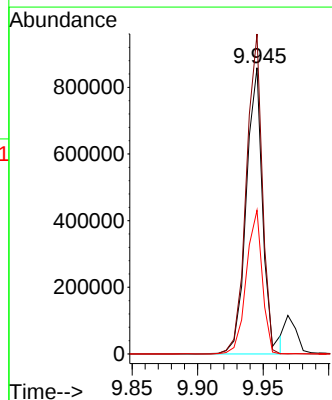
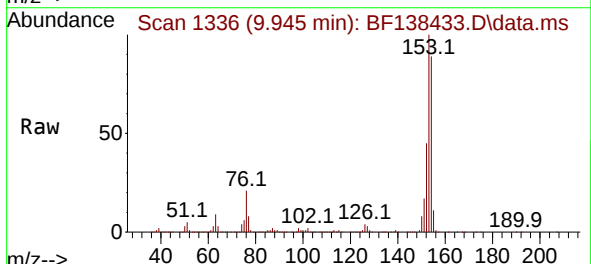
Instrument :
BNA_F
ClientSampleId :

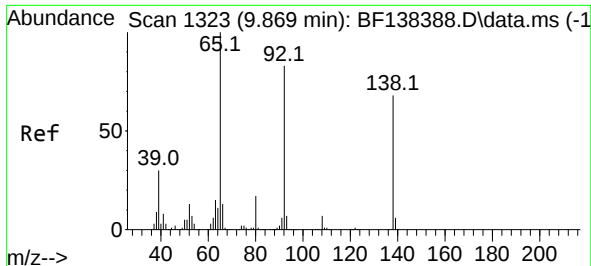
Tgt Ion:165 Resp: 204998
Ion Ratio Lower Upper
165 100
63 54.1 53.8 80.8
89 52.0 46.4 69.6



#52
Acenaphthene
Concen: 47.299 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

Tgt Ion:154 Resp: 752794
Ion Ratio Lower Upper
154 100
153 111.8 89.4 134.0
152 50.2 39.7 59.5

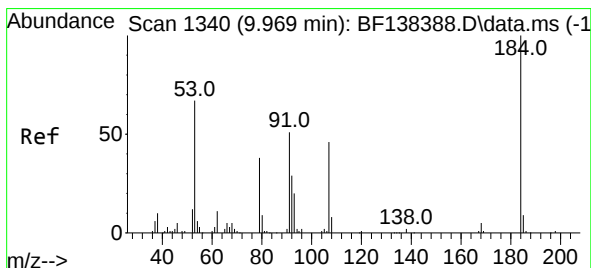
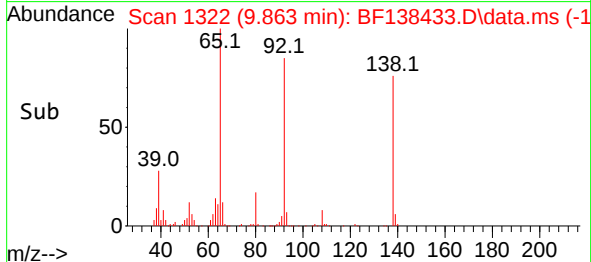
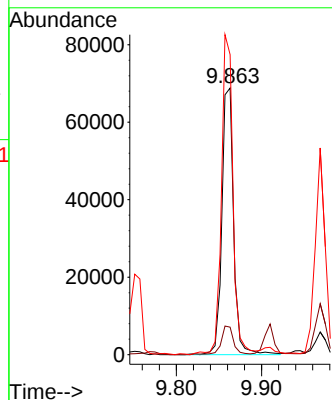
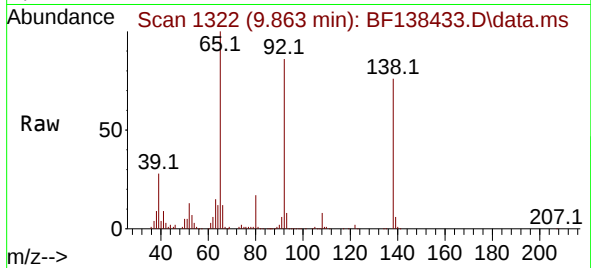




#53
3-Nitroaniline
Concen: 15.962 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

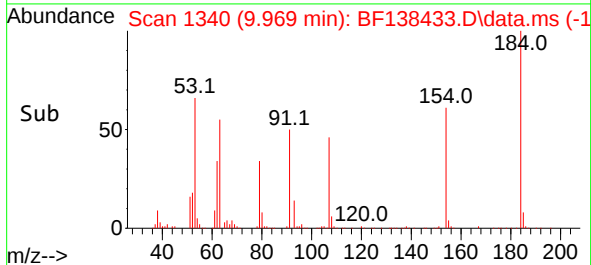
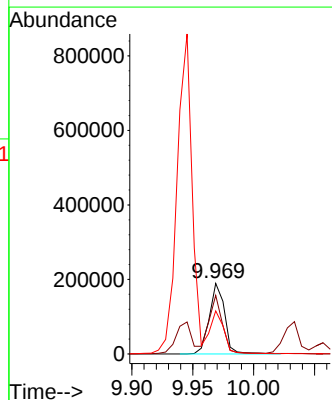
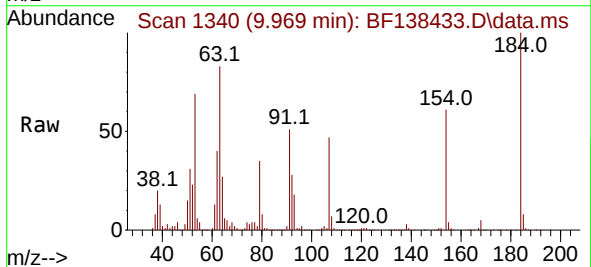
Instrument :
BNA_F
ClientSampleId :

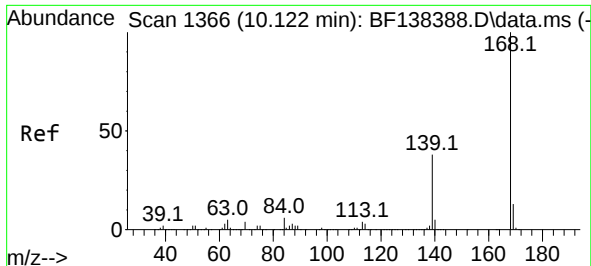
Tgt Ion:138 Resp: 65875
Ion Ratio Lower Upper
138 100
108 10.3 8.6 12.8
92 112.4 97.3 145.9



#54
2,4-Dinitrophenol
Concen: 92.438 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

Tgt Ion:184 Resp: 166141
Ion Ratio Lower Upper
184 100
63 83.0 67.3 100.9
154 60.9 51.0 76.4

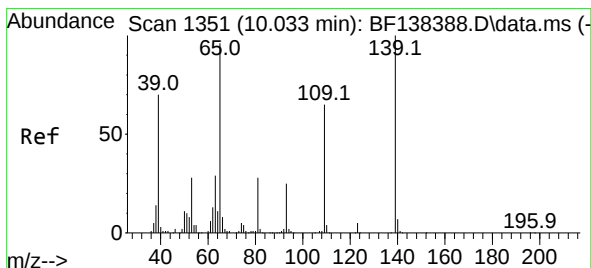
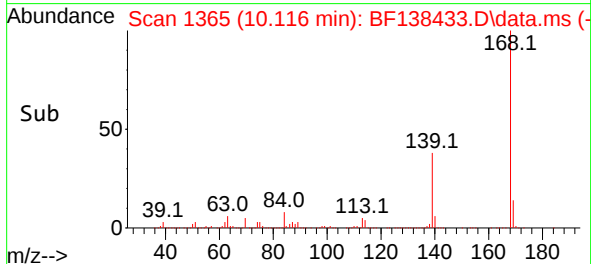
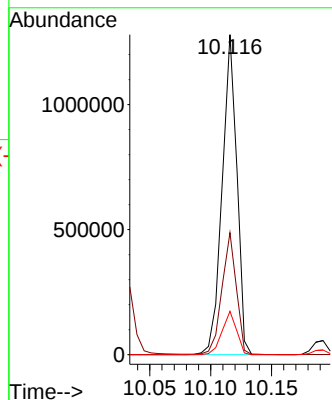
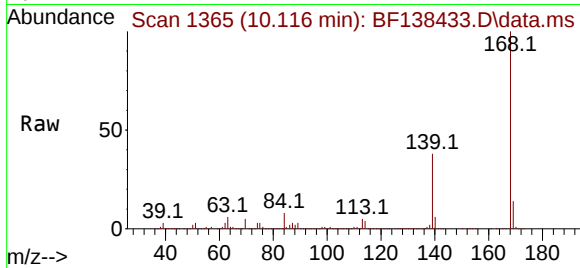




#55
Dibenzenofuran
Concen: 49.042 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

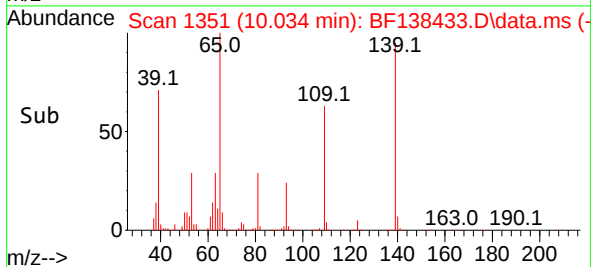
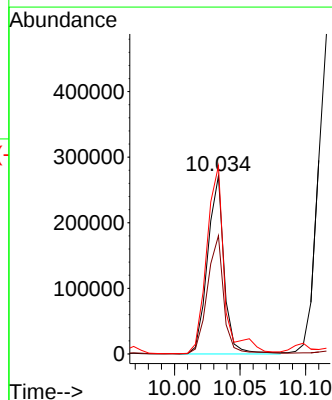
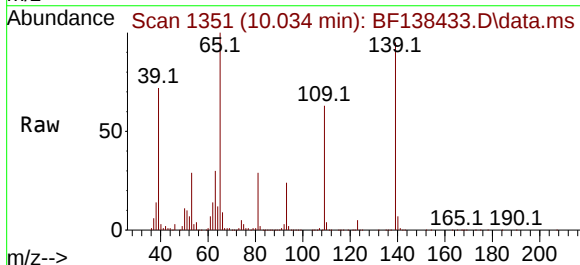
Instrument :
BNA_F
ClientSampleId :

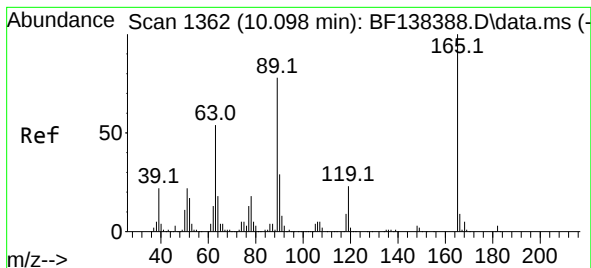
Tgt Ion:168 Resp: 1075415
Ion Ratio Lower Upper
168 100
139 38.1 30.4 45.6
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 89.233 ng
RT: 10.034 min Scan# 1351
Delta R.T. 0.001 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

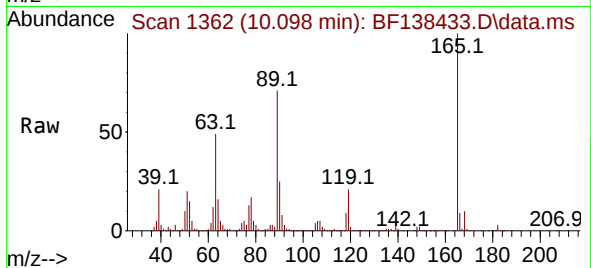
Tgt Ion:139 Resp: 238776
Ion Ratio Lower Upper
139 100
109 66.4 44.6 84.6
65 105.6 75.9 115.9



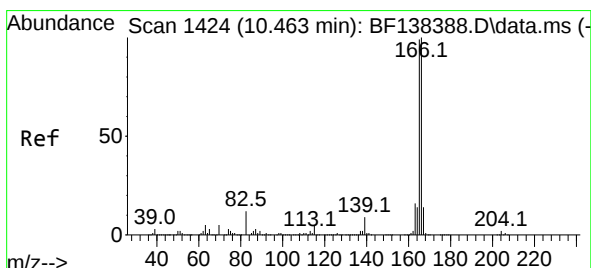
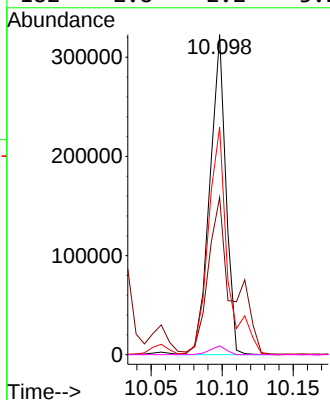
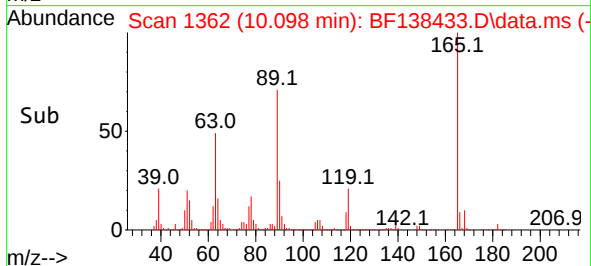


#57
2,4-Dinitrotoluene
Concen: 49.529 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

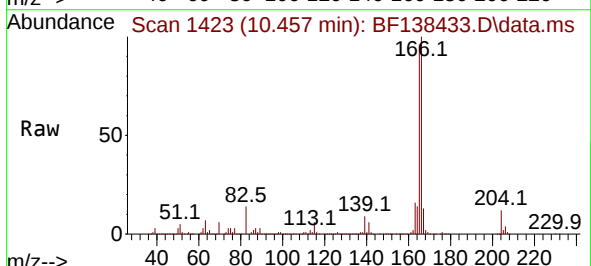
Instrument :
BNA_F
ClientSampleId :



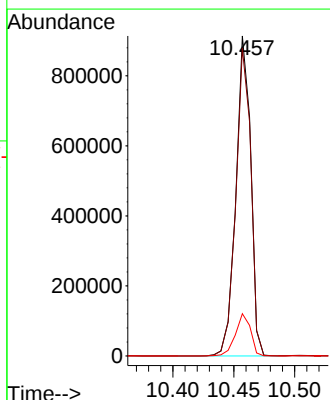
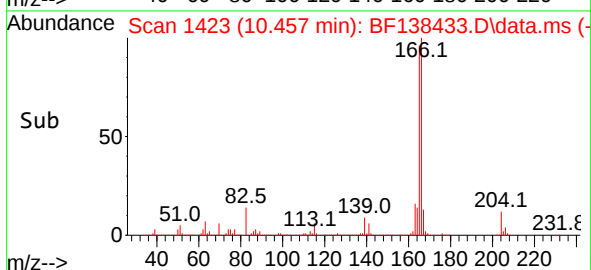
Tgt Ion:165 Resp: 254828
Ion Ratio Lower Upper
165 100
63 49.1 43.4 65.2
89 71.2 62.6 93.8
182 2.8 2.2 3.2

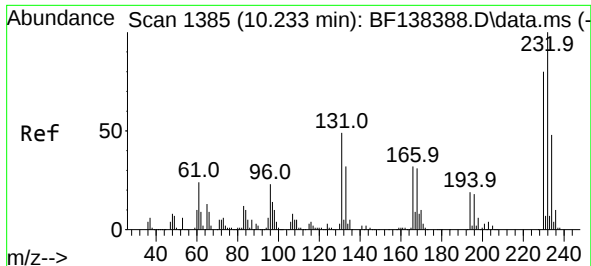


#58
Fluorene
Concen: 44.497 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10



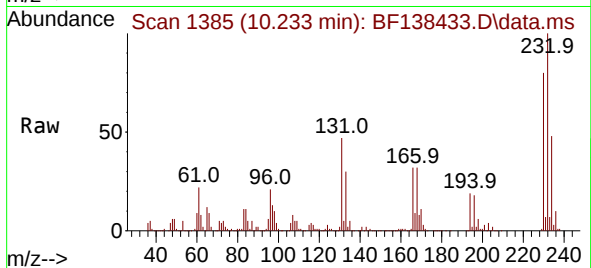
Tgt Ion:166 Resp: 775329
Ion Ratio Lower Upper
166 100
165 96.1 79.0 118.6
167 13.2 10.8 16.2



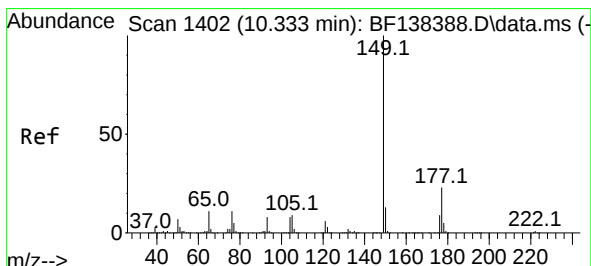
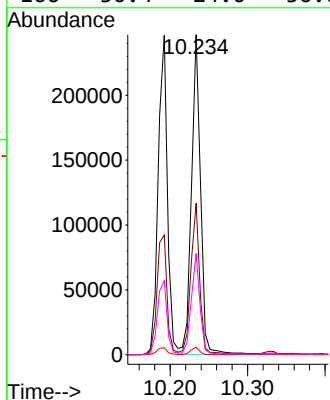
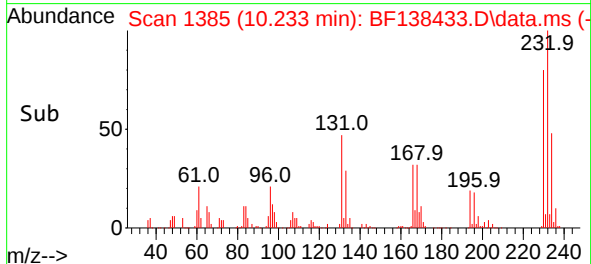


#59
2,3,4,6-Tetrachlorophenol
Concen: 48.551 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

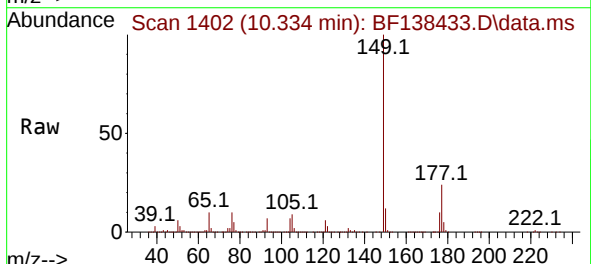
Instrument :
BNA_F
ClientSampleId :



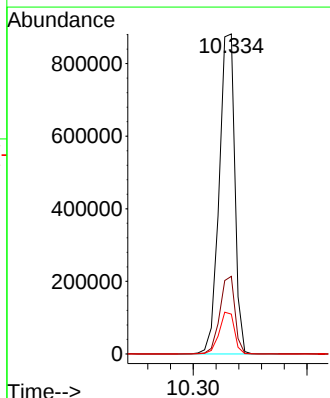
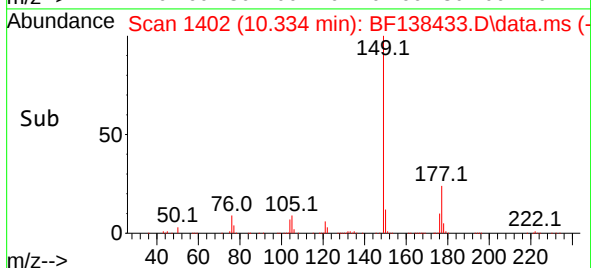
Tgt Ion:232 Resp: 200393
Ion Ratio Lower Upper
232 100
131 45.7 36.6 55.0
130 2.2 1.8 2.8
166 30.4 24.0 36.0

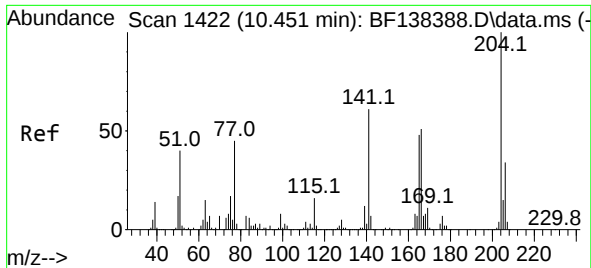


#60
Diethylphthalate
Concen: 48.364 ng
RT: 10.334 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10



Tgt Ion:149 Resp: 843670
Ion Ratio Lower Upper
149 100
177 24.3 18.4 27.6
150 12.4 10.2 15.2

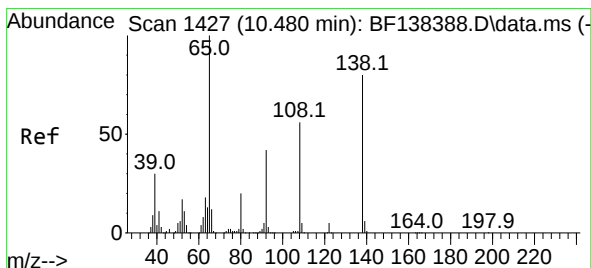
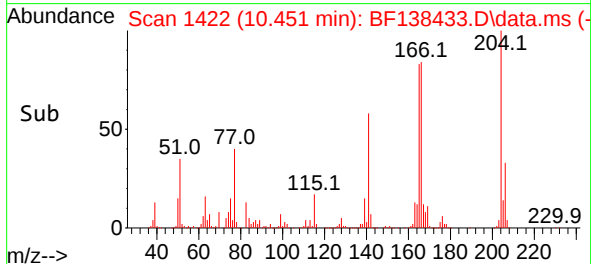
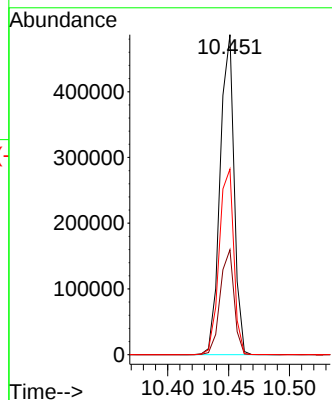
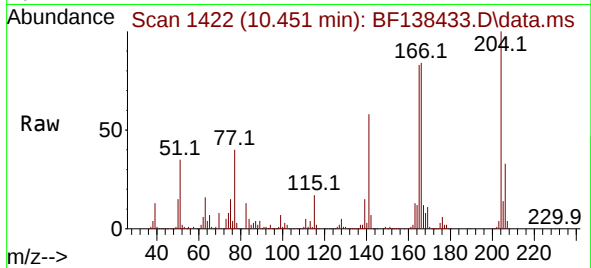




#61
4-Chlorophenyl-phenylether
Concen: 44.315 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

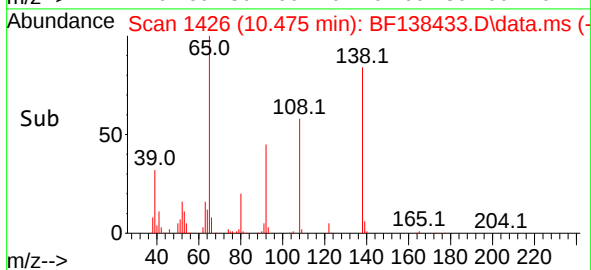
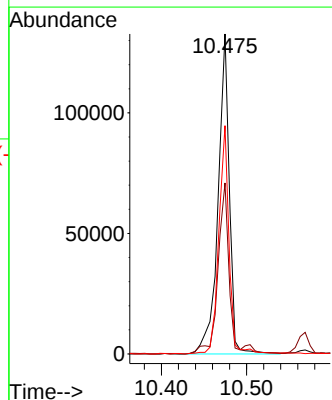
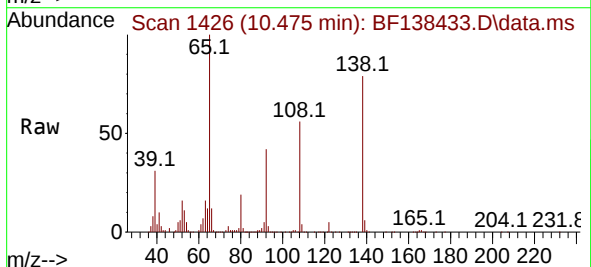
Instrument :
BNA_F
ClientSampleId :

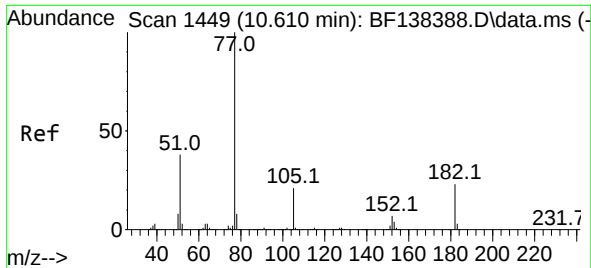
Tgt Ion:204 Resp: 391773
Ion Ratio Lower Upper
204 100
206 32.8 27.1 40.7
141 58.0 48.4 72.6



#62
4-Nitroaniline
Concen: 32.426 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

Tgt Ion:138 Resp: 122832
Ion Ratio Lower Upper
138 100
92 53.4 32.6 72.6
108 71.3 50.3 90.3

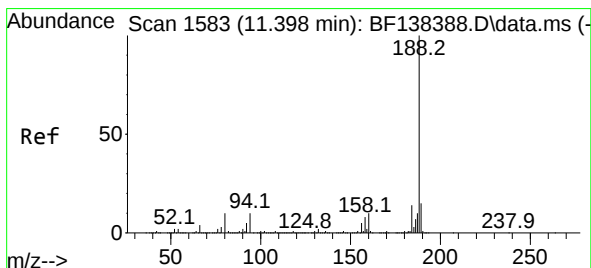
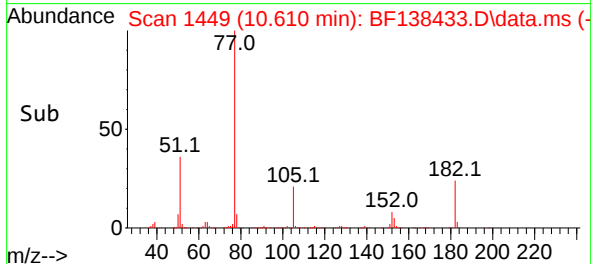
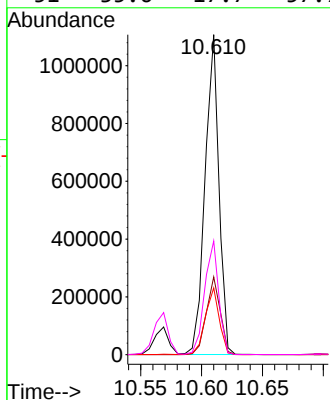
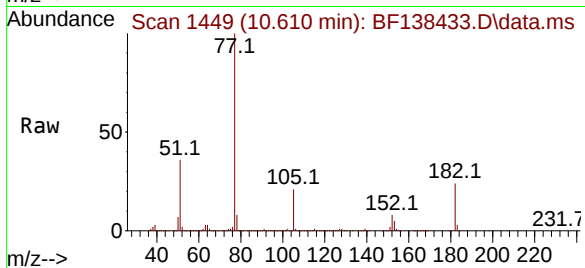




#63
Azobenzene
Concen: 47.457 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

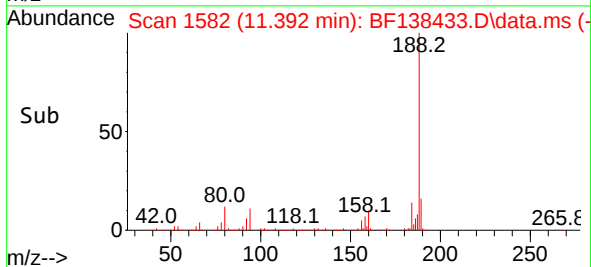
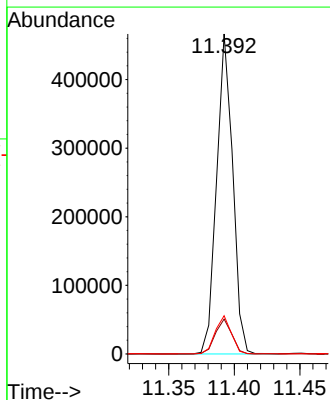
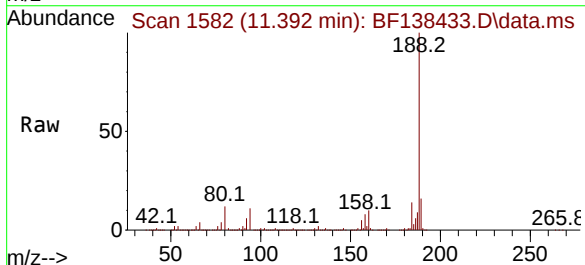
Instrument :
BNA_F
ClientSampleId :

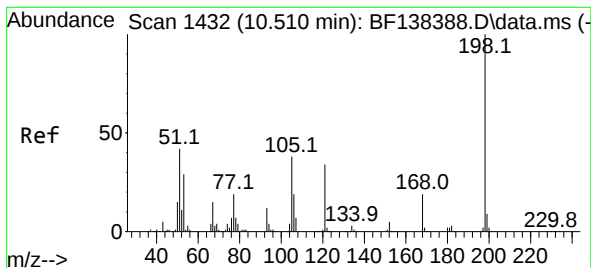
Tgt Ion: 77	Resp: 874273
Ion Ratio	Lower Upper
77 100	
182 24.3	2.7 42.7
105 20.9	0.6 40.6
51 35.6	17.7 57.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

Tgt Ion:188	Resp: 396940
Ion Ratio	Lower Upper
188 100	
94 10.9	8.0 12.0
80 12.0	8.2 12.4

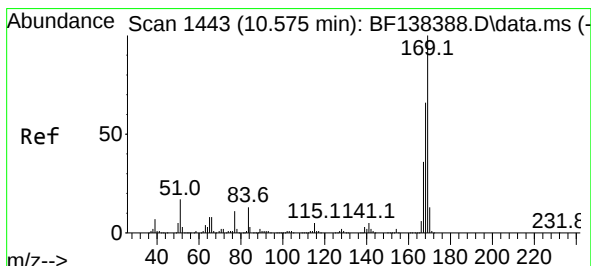
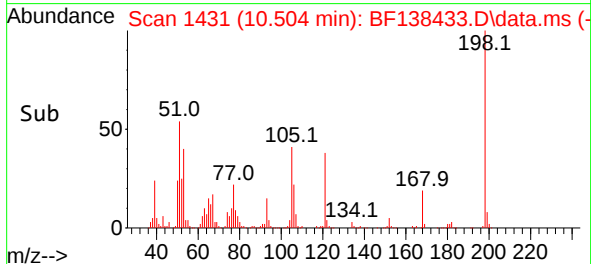
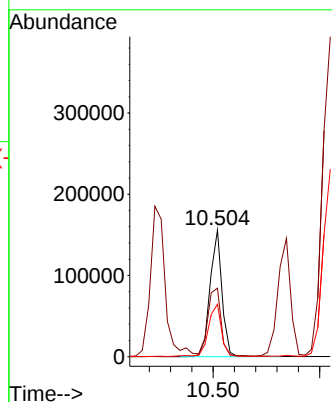
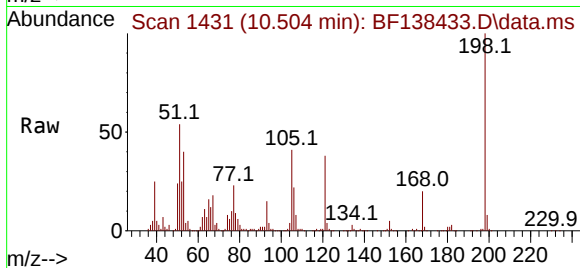




#65
4,6-Dinitro-2-methylphenol
Concen: 56.170 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

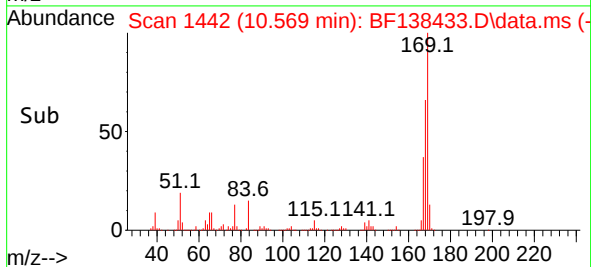
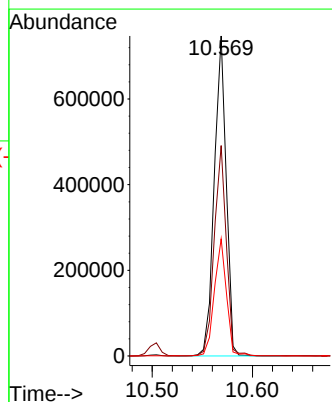
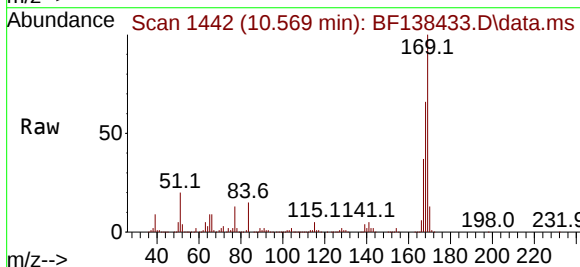
Instrument :
BNA_F
ClientSampleId :

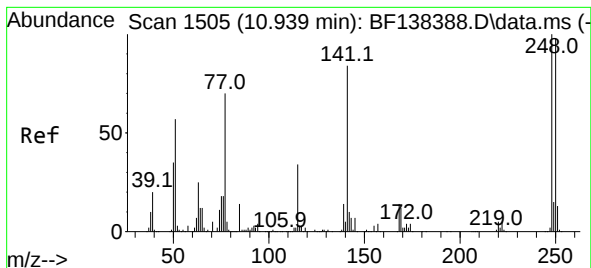
Tgt Ion:198 Resp: 121769
Ion Ratio Lower Upper
198 100
51 54.1 27.9 67.9
105 41.4 18.2 58.2



#66
n-Nitrosodiphenylamine
Concen: 50.232 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

Tgt Ion:169 Resp: 619009
Ion Ratio Lower Upper
169 100
168 65.8 52.5 78.7
167 36.6 28.8 43.2

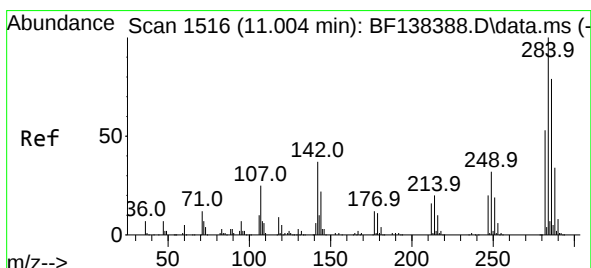
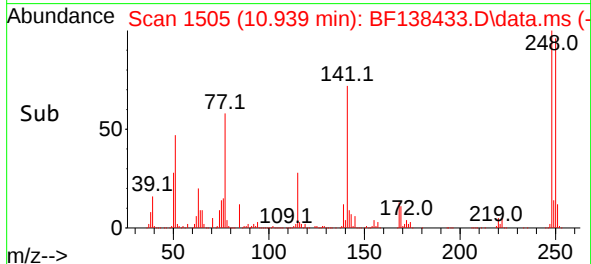
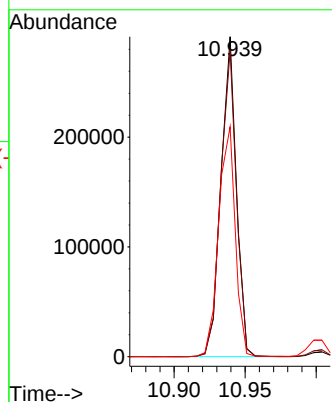
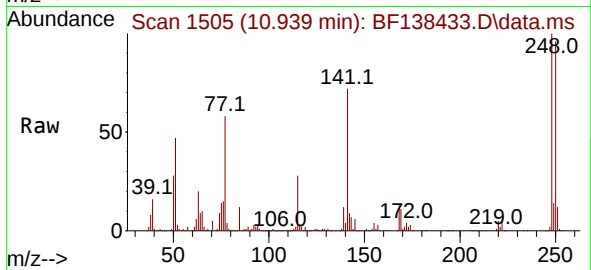




#67
4-Bromophenyl-phenylether
Concen: 51.748 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

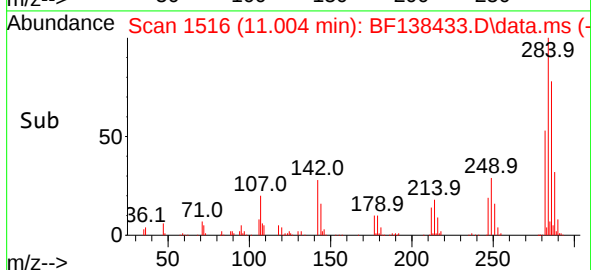
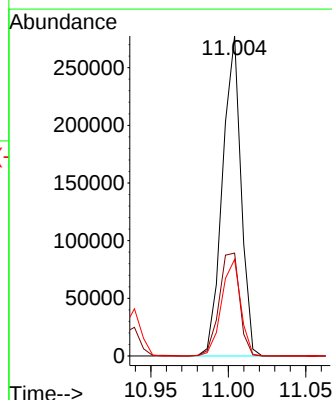
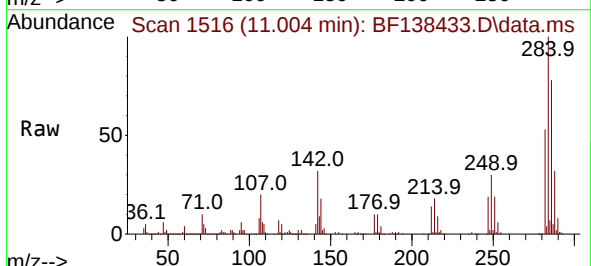
Instrument :
BNA_F
ClientSampleId :

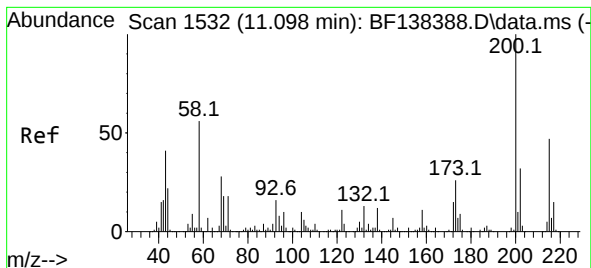
Tgt Ion:248 Resp: 220786
Ion Ratio Lower Upper
248 100
250 95.7 78.2 117.4
141 71.9 67.6 101.4



#68
Hexachlorobenzene
Concen: 48.999 ng
RT: 11.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

Tgt Ion:284 Resp: 230427
Ion Ratio Lower Upper
284 100
142 32.1 29.2 43.8
249 30.1 25.8 38.6





#69

Atrazine

Concen: 18.284 ng

RT: 11.086 min Scan# 1530

Delta R.T. -0.012 min

Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

Instrument :

BNA_F

ClientSampleId :

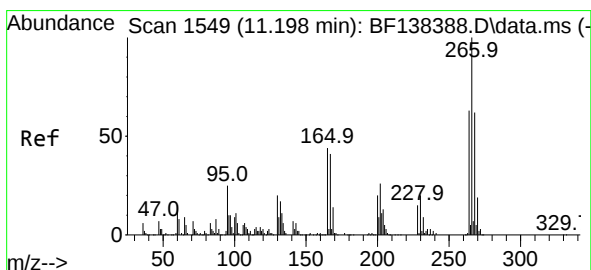
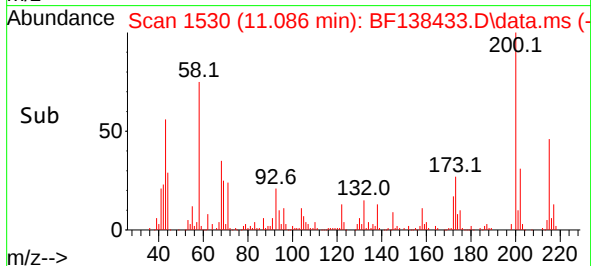
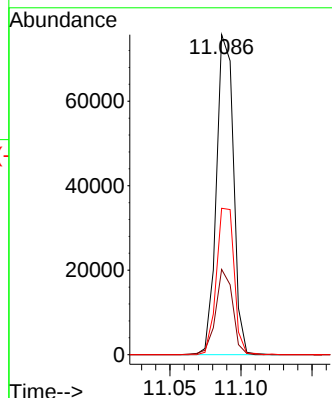
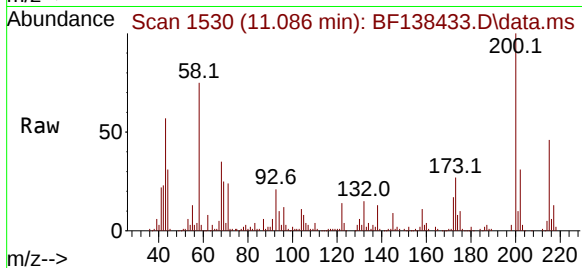
Tgt Ion:200 Resp: 63174

Ion Ratio Lower Upper

200 100

173 26.7 6.2 46.2

215 45.7 27.4 67.4



#70

Pentachlorophenol

Concen: 103.854 ng

RT: 11.198 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

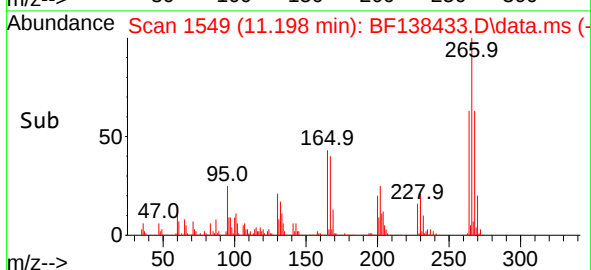
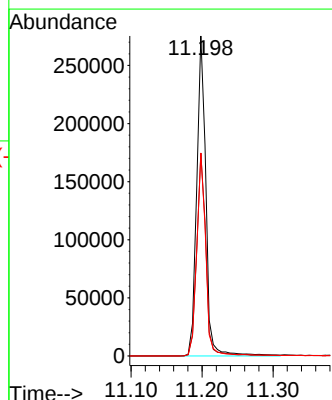
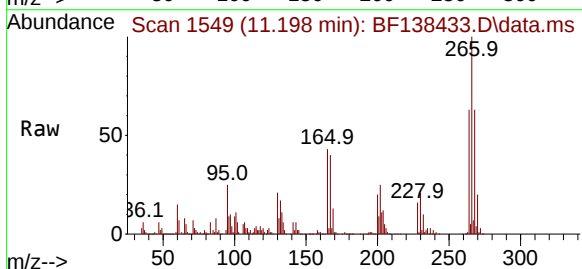
Tgt Ion:266 Resp: 247881

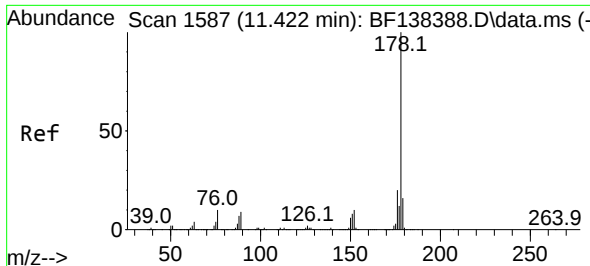
Ion Ratio Lower Upper

266 100

268 63.4 49.9 74.9

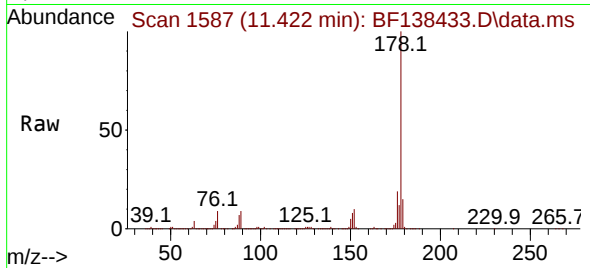
264 63.5 50.0 75.0



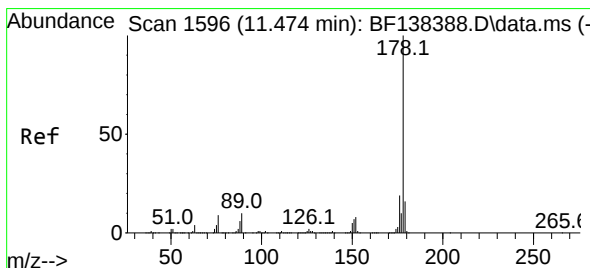
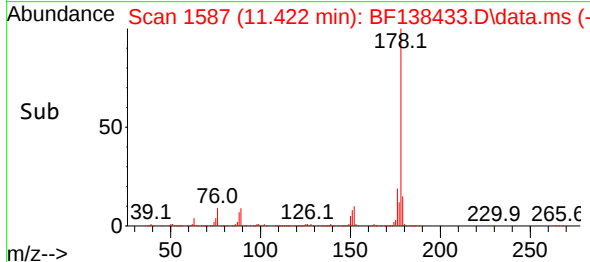
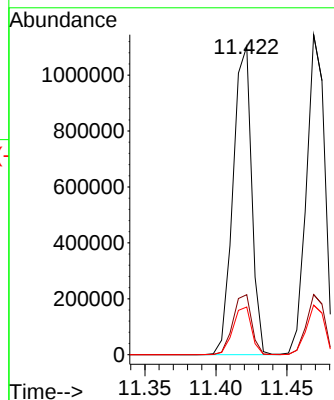


#71
Phenanthrene
Concen: 51.880 ng
RT: 11.422 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

Instrument :
BNA_F
ClientSampleId :

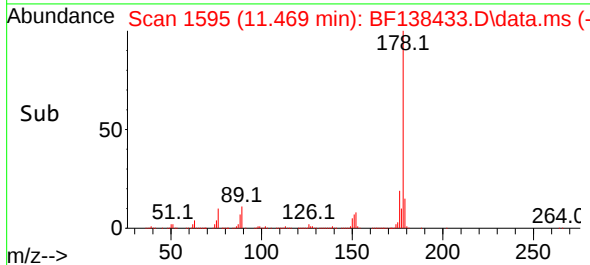
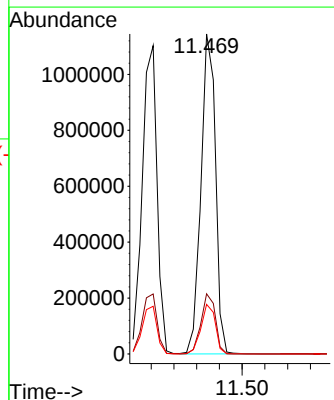
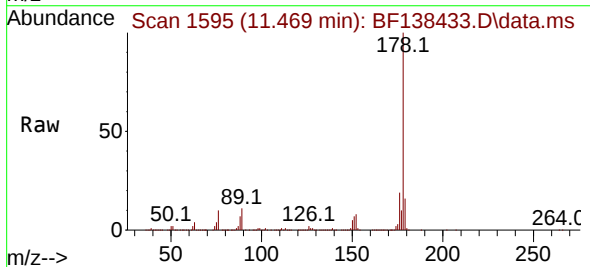


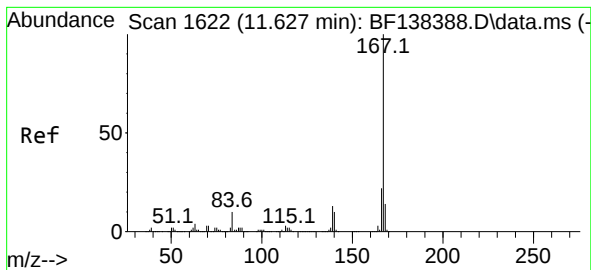
Tgt Ion:178 Resp: 1005455
Ion Ratio Lower Upper
178 100
176 19.5 16.1 24.1
179 15.5 12.6 18.8



#72
Anthracene
Concen: 52.704 ng
RT: 11.469 min Scan# 1595
Delta R.T. -0.005 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

Tgt Ion:178 Resp: 1018637
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.5 12.7 19.1





#73

Carbazole

Concen: 51.346 ng

RT: 11.628 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

Instrument :

BNA_F

ClientSampleId :

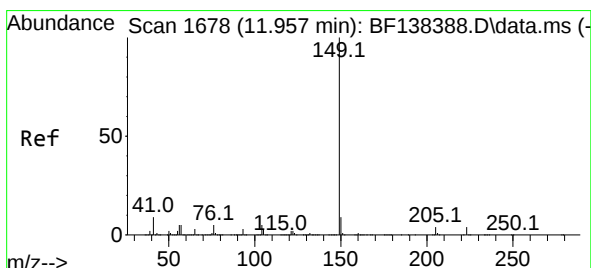
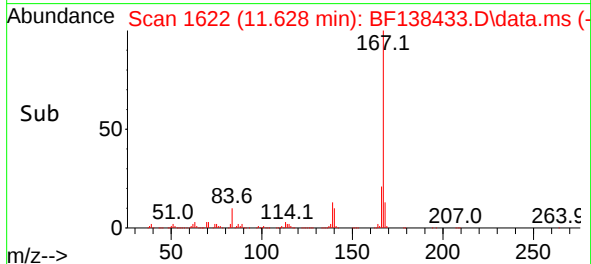
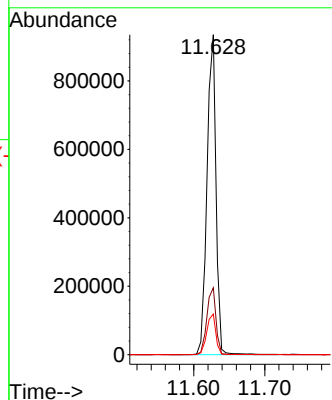
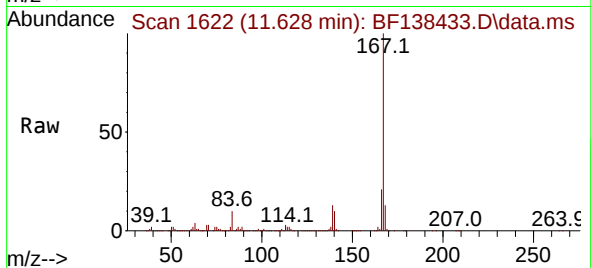
Tgt Ion:167 Resp: 823890

Ion Ratio Lower Upper

167 100

166 20.9 17.7 26.5

139 12.7 10.7 16.1



#74

Di-n-butylphthalate

Concen: 52.563 ng

RT: 11.951 min Scan# 1677

Delta R.T. -0.006 min

Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

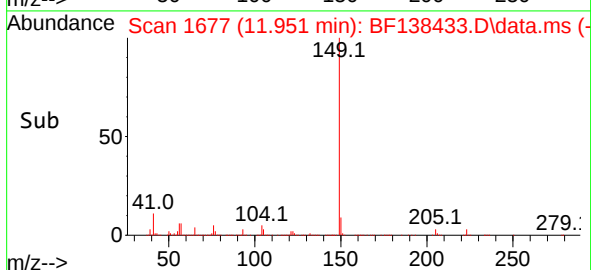
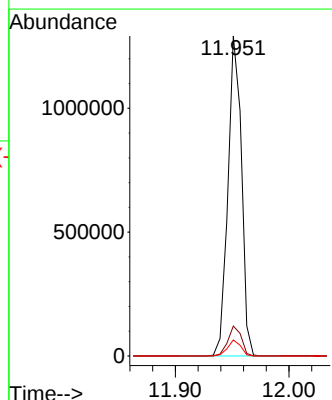
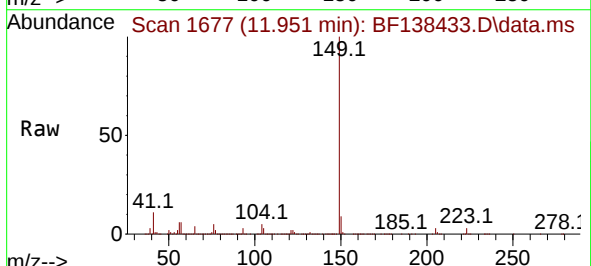
Tgt Ion:149 Resp: 1068862

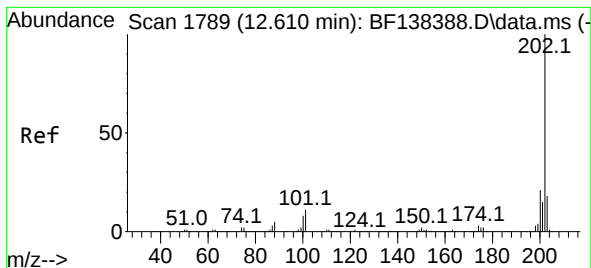
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 5.0 3.8 5.8





#75

Fluoranthene

Concen: 54.982 ng

RT: 12.604 min Scan# 1

Delta R.T. -0.006 min

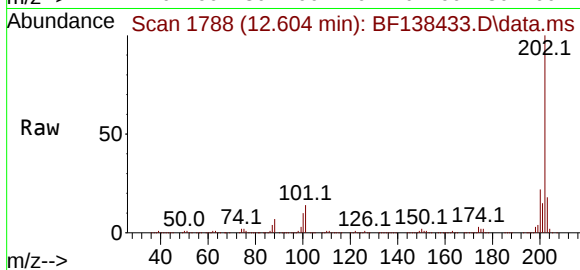
Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

Instrument :

BNA_F

ClientSampleId :



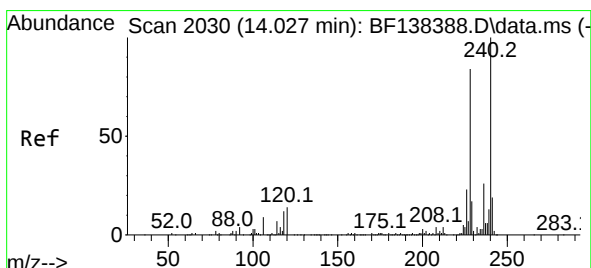
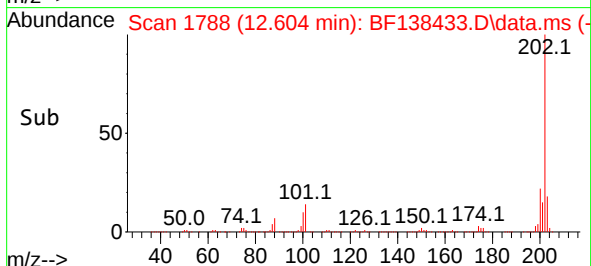
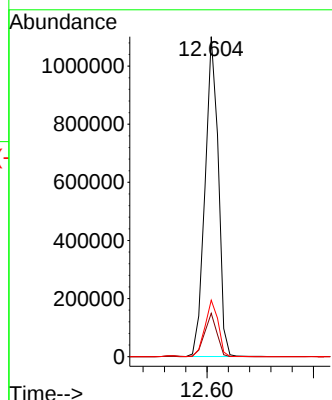
Tgt Ion:202 Resp: 955305

Ion Ratio Lower Upper

202 100

101 13.6 0.0 30.5

203 17.7 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: BF138433.D

Acq: 02 Jul 2024 18:10

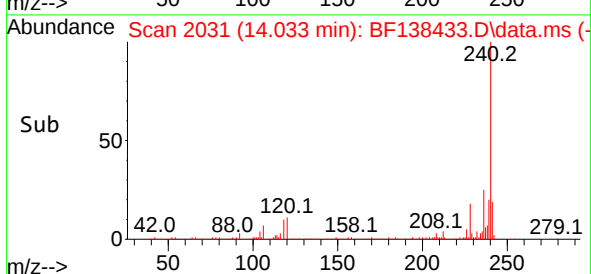
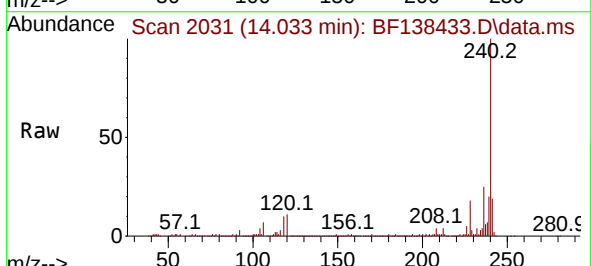
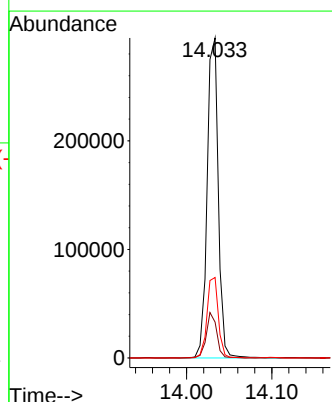
Tgt Ion:240 Resp: 267377

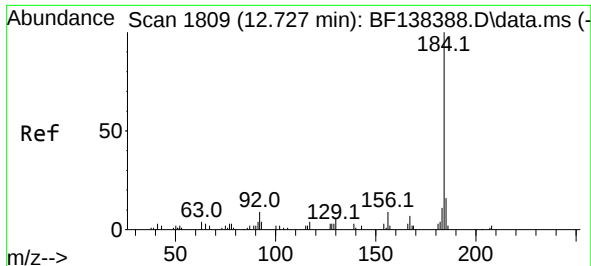
Ion Ratio Lower Upper

240 100

120 11.2 10.9 16.3

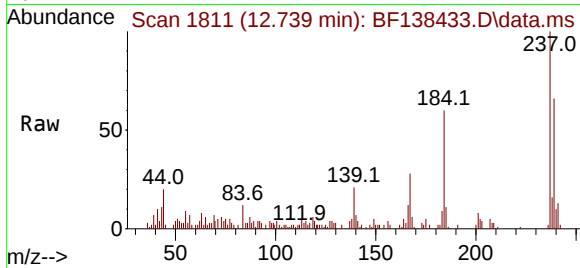
236 25.1 20.6 30.8



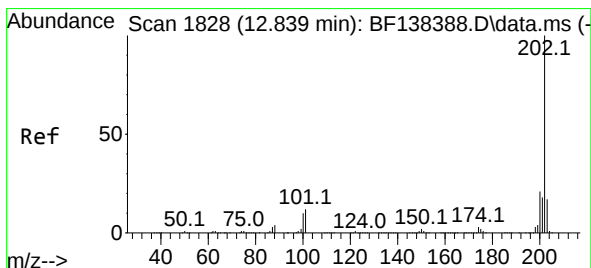
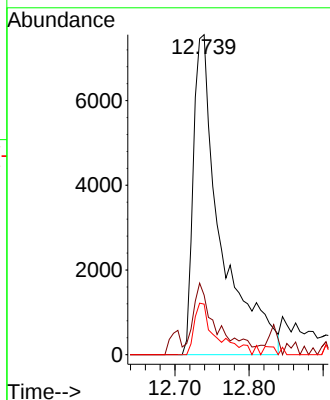
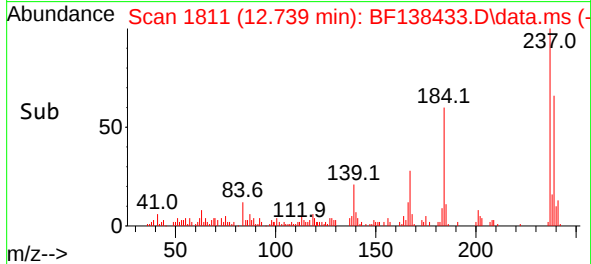


#77
Benzidine
Concen: 9.013 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.012 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10

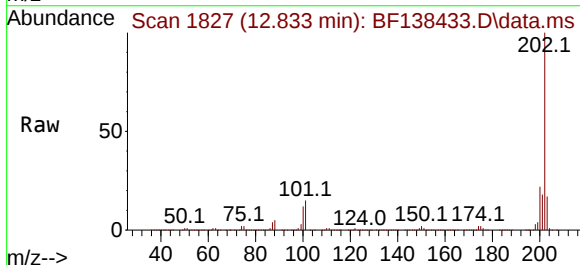
Instrument :
BNA_F
ClientSampleId :



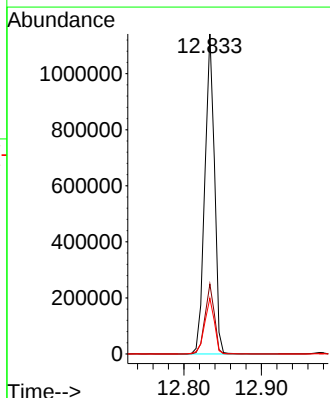
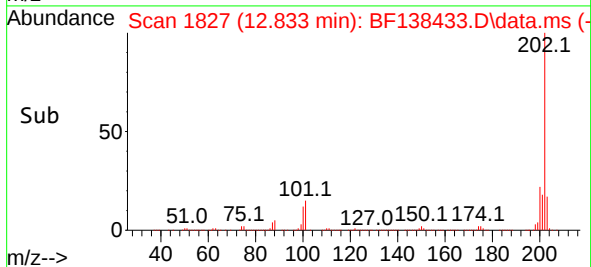
Tgt Ion:184 Resp: 19270
Ion Ratio Lower Upper
184 100
185 18.6 13.0 19.4
183 15.8 9.0 13.6#

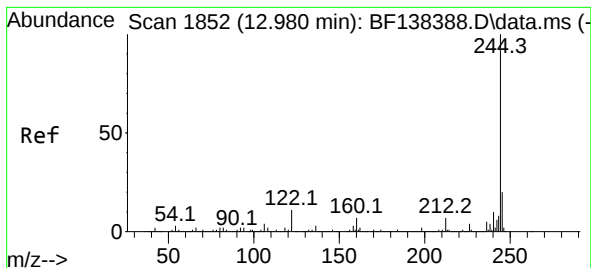


#78
Pyrene
Concen: 34.502 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF138433.D
Acq: 02 Jul 2024 18:10



Tgt Ion:202 Resp: 985966
Ion Ratio Lower Upper
202 100
200 21.8 16.9 25.3
203 17.4 13.8 20.8





#79

Terphenyl-d14

Concen: 62.718 ng

RT: 12.975 min Scan# 1851

Delta R.T. -0.005 min

Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

Instrument :

BNA_F

ClientSampleId :

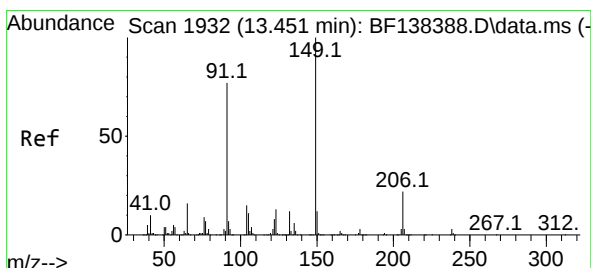
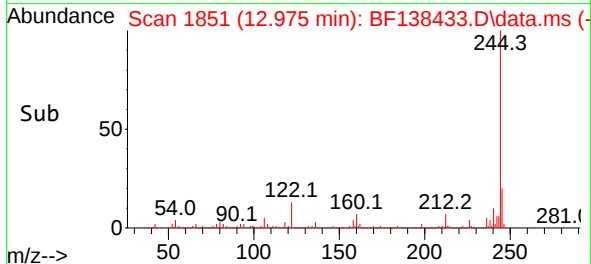
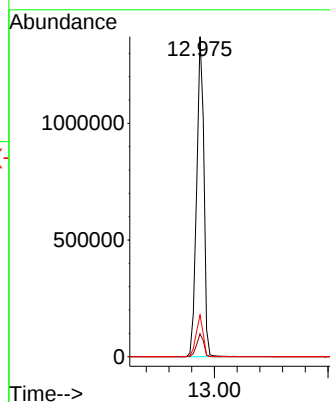
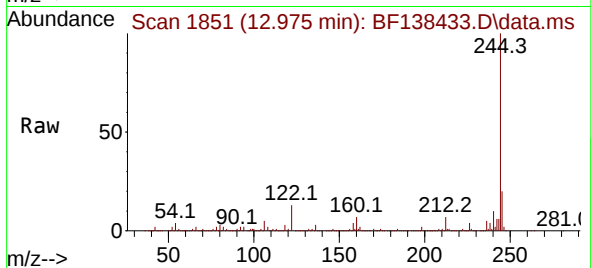
Tgt Ion:244 Resp: 1223670

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 13.0 9.0 13.4



#80

Butylbenzylphthalate

Concen: 47.489 ng

RT: 13.451 min Scan# 1932

Delta R.T. 0.000 min

Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

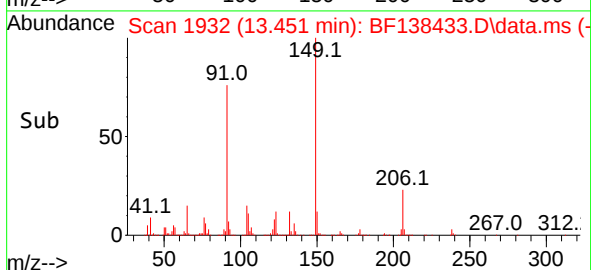
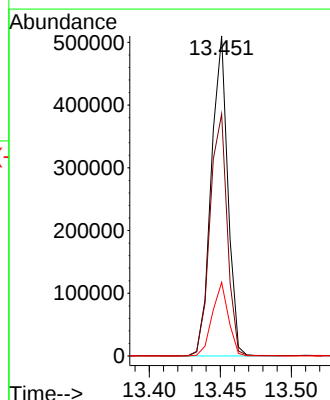
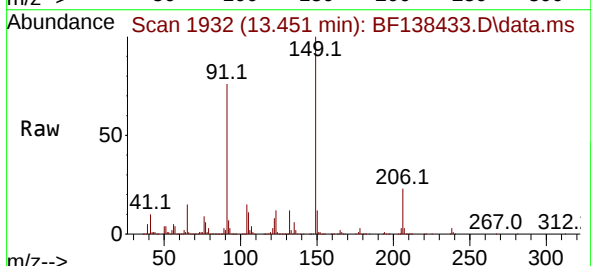
Tgt Ion:149 Resp: 412955

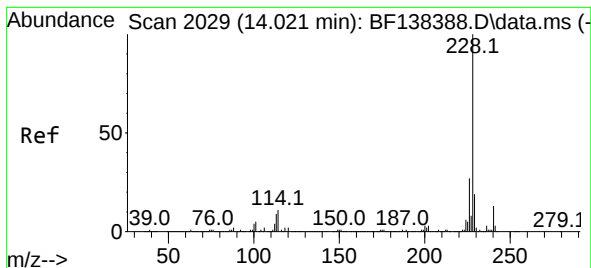
Ion Ratio Lower Upper

149 100

91 75.6 62.0 93.0

206 23.0 17.6 26.4





#81

Benzo(a)anthracene

Concen: 51.868 ng

RT: 14.022 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

Instrument :

BNA_F

ClientSampleId :

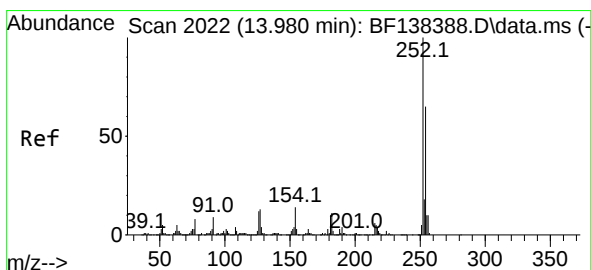
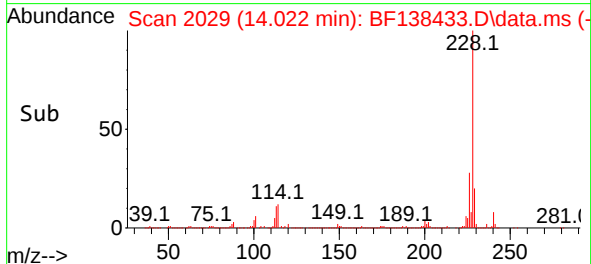
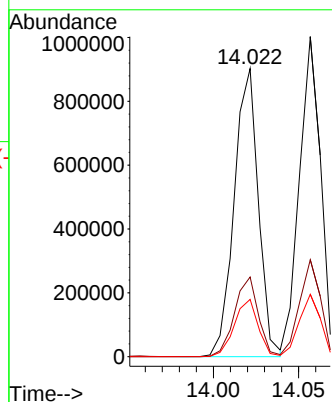
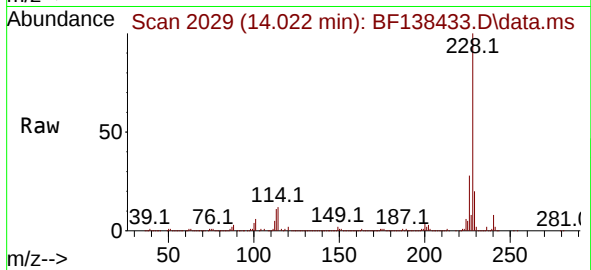
Tgt Ion:228 Resp: 892626

Ion Ratio Lower Upper

228 100

226 27.7 21.7 32.5

229 19.9 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 5.367 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

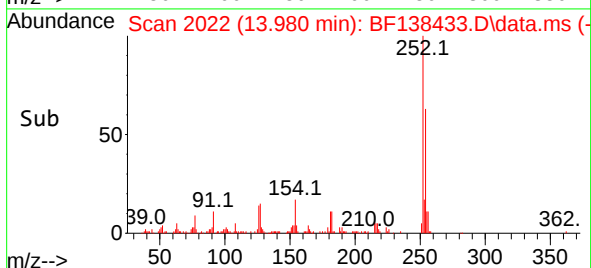
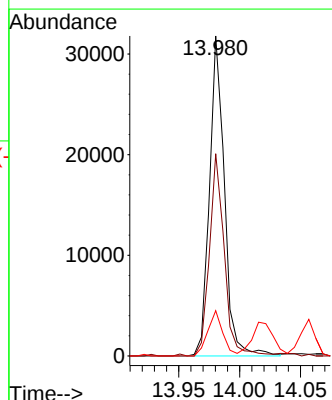
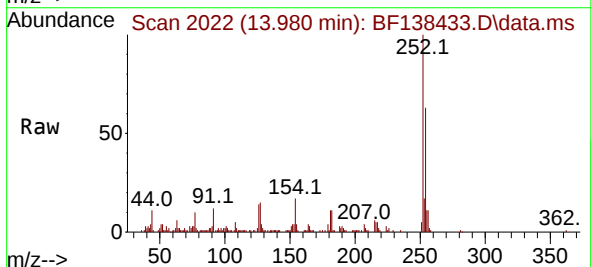
Tgt Ion:252 Resp: 27268

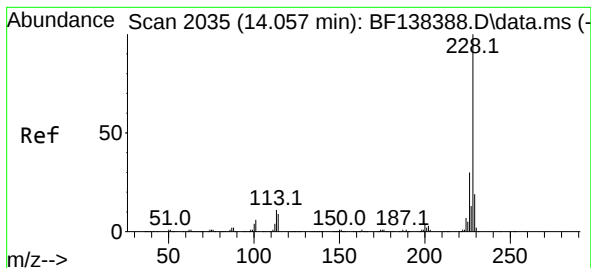
Ion Ratio Lower Upper

252 100

254 63.2 51.8 77.6

126 14.2 9.5 14.3





#83

Chrysene

Concen: 52.593 ng

RT: 14.057 min Scan# 2035

Delta R.T. 0.000 min

Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

Instrument :

BNA_F

ClientSampleId :

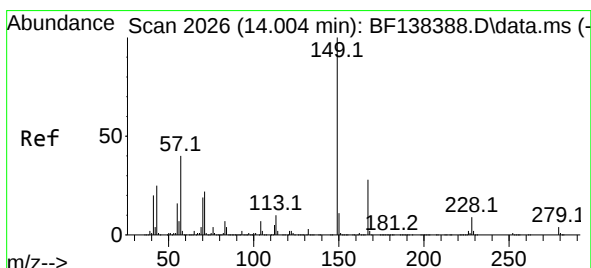
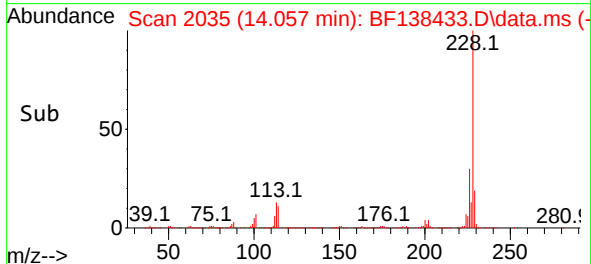
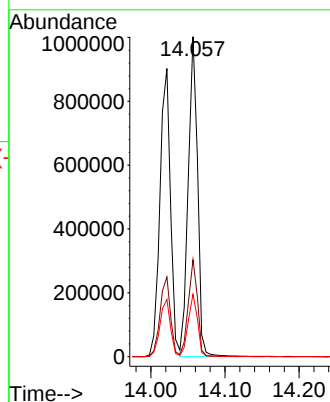
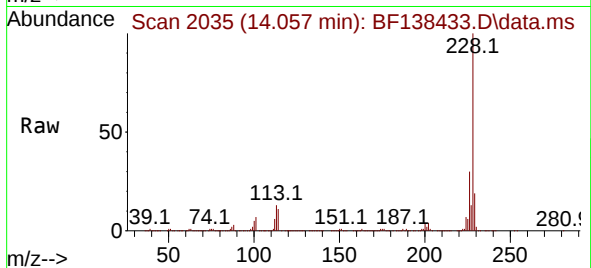
Tgt Ion:228 Resp: 880738

Ion Ratio Lower Upper

228 100

226 30.3 23.8 35.6

229 19.5 15.2 22.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.790 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

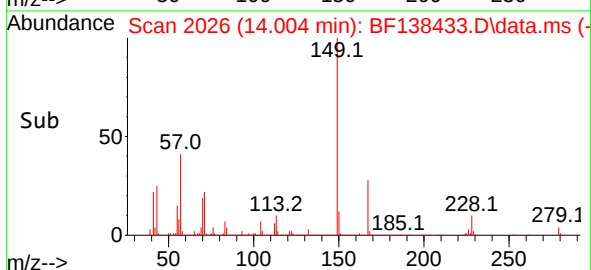
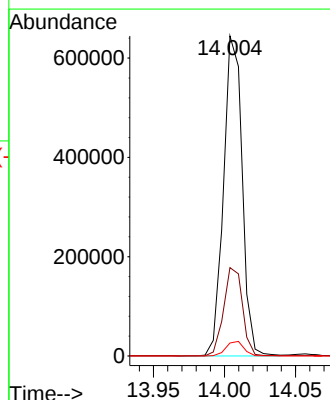
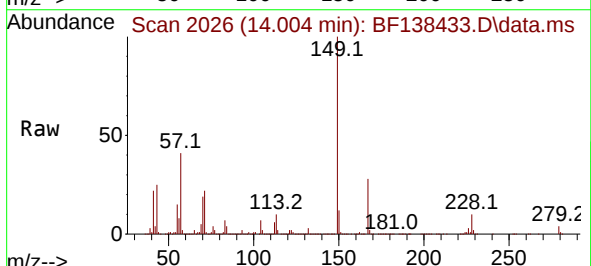
Tgt Ion:149 Resp: 586598

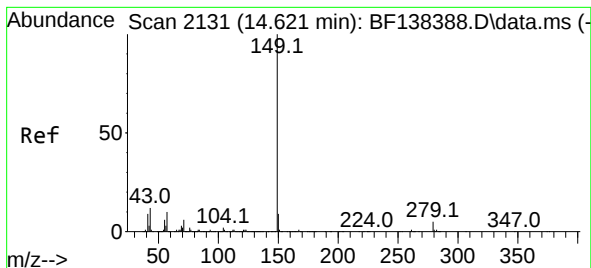
Ion Ratio Lower Upper

149 100

167 27.6 22.6 33.8

279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 55.811 ng

RT: 14.616 min Scan# 2131

Delta R.T. -0.006 min

Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

Instrument :

BNA_F

ClientSampleId :

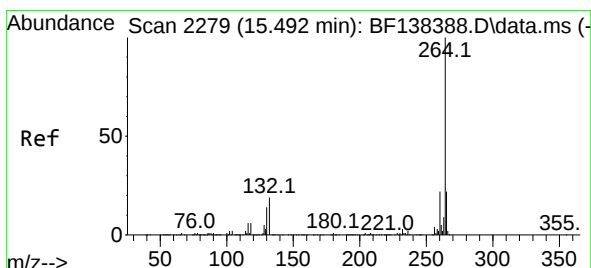
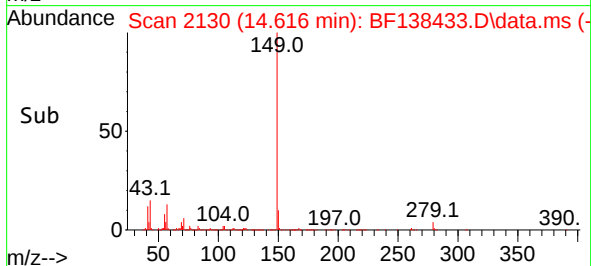
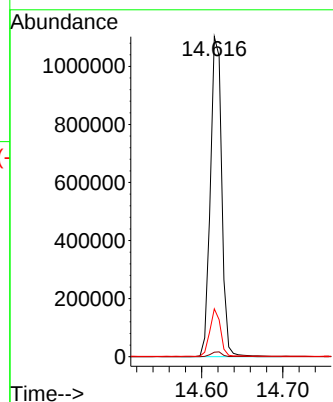
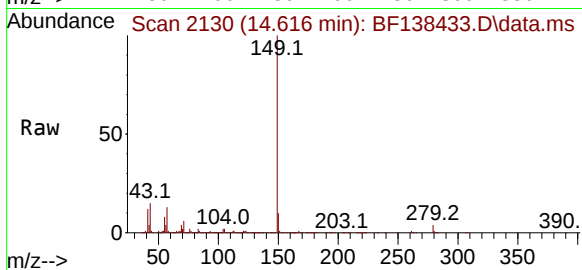
Tgt Ion:149 Resp: 1065316

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 14.1 10.9 16.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

Delta R.T. 0.000 min

Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

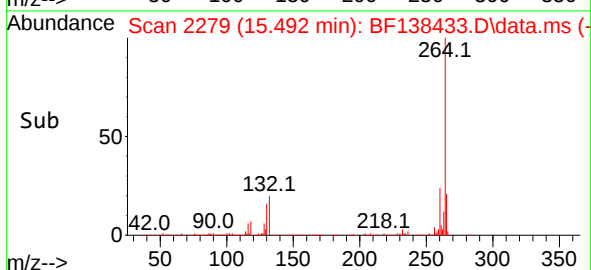
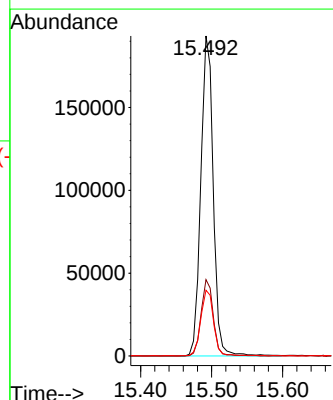
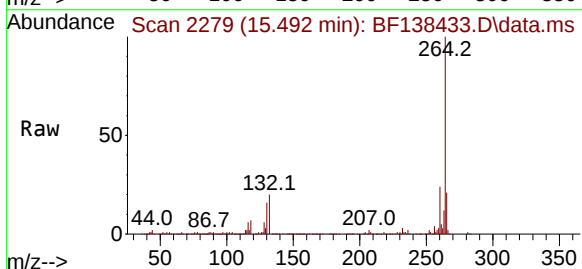
Tgt Ion:264 Resp: 235842

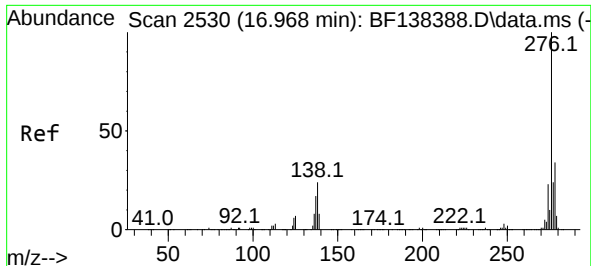
Ion Ratio Lower Upper

264 100

260 23.9 17.8 26.6

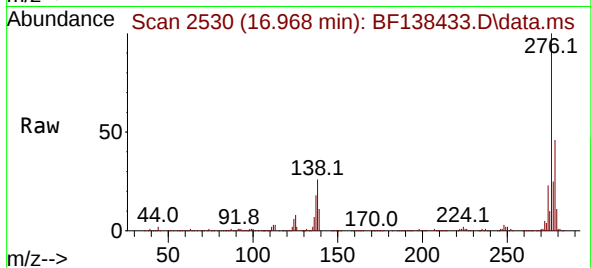
265 20.6 17.5 26.3



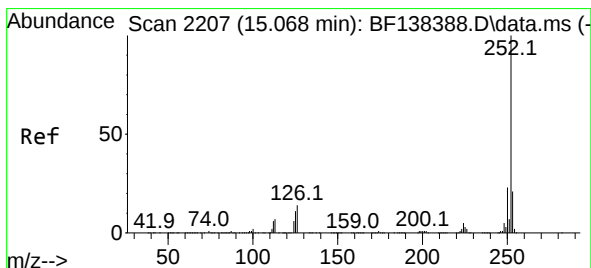
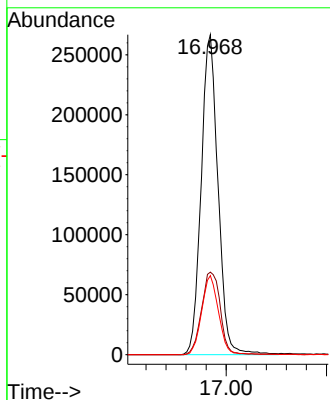
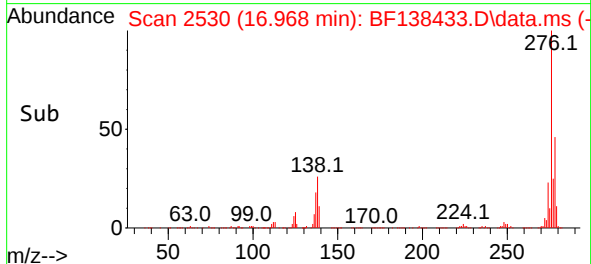


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 52.487 ng
 RT: 16.968 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF138433.D
 Acq: 02 Jul 2024 18:10

Instrument :
 BNA_F
 ClientSampleId :

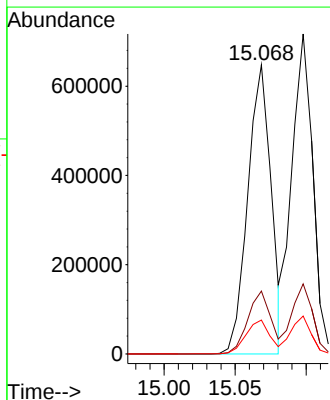
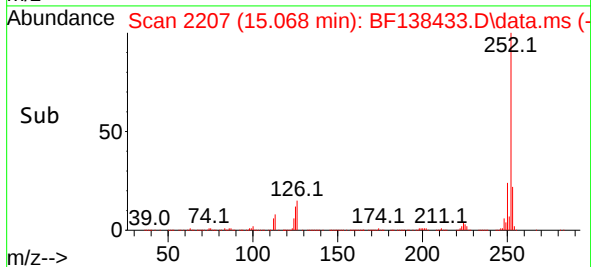
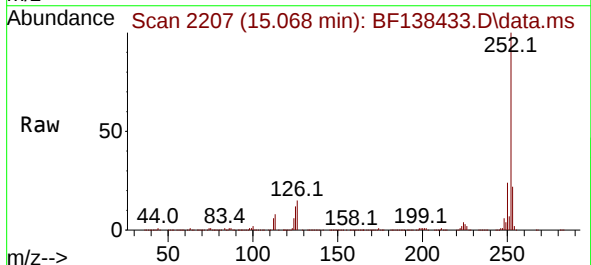


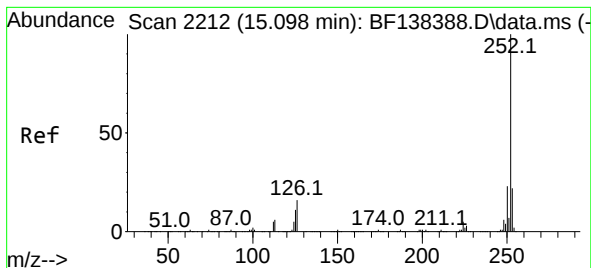
Tgt Ion:276 Resp: 621974
 Ion Ratio Lower Upper
 276 100
 138 28.7 22.1 33.1
 277 24.8 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 57.300 ng
 RT: 15.068 min Scan# 2207
 Delta R.T. 0.000 min
 Lab File: BF138433.D
 Acq: 02 Jul 2024 18:10

Tgt Ion:252 Resp: 741453
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.0 25.4
 125 11.7 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 63.041 ng

RT: 15.098 min Scan# 2212

Delta R.T. 0.000 min

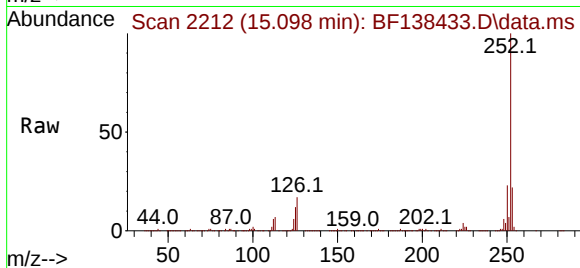
Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

Instrument :

BNA_F

ClientSampleId :



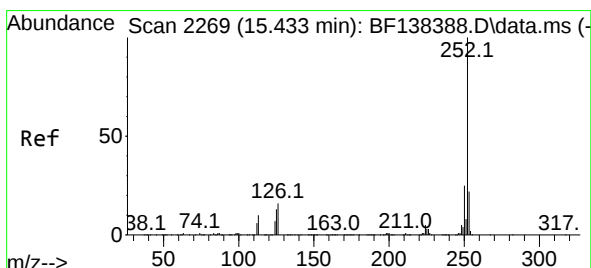
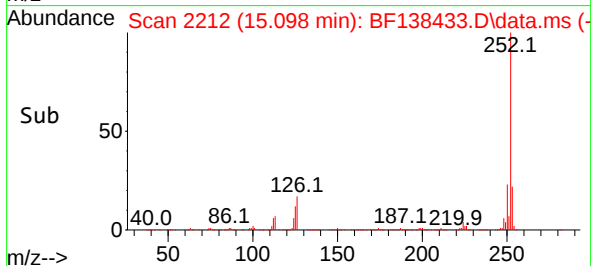
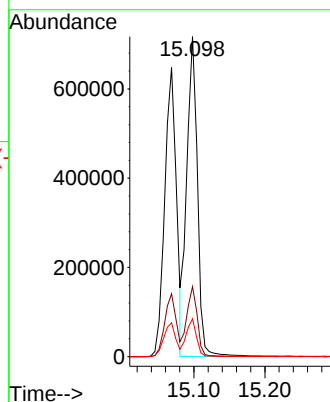
Tgt Ion:252 Resp: 751356

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 11.9 8.7 13.1



#90

Benzo(a)pyrene

Concen: 55.695 ng

RT: 15.433 min Scan# 2269

Delta R.T. 0.000 min

Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

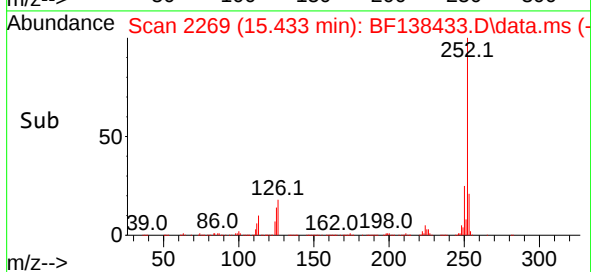
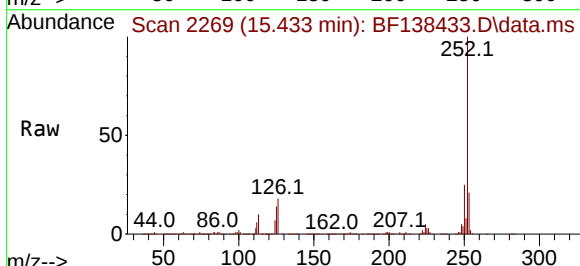
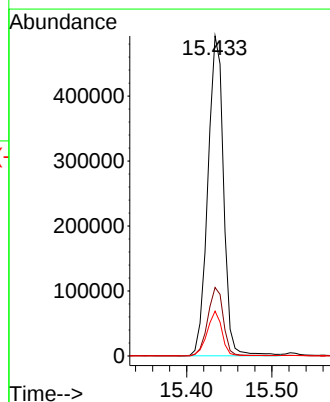
Tgt Ion:252 Resp: 631688

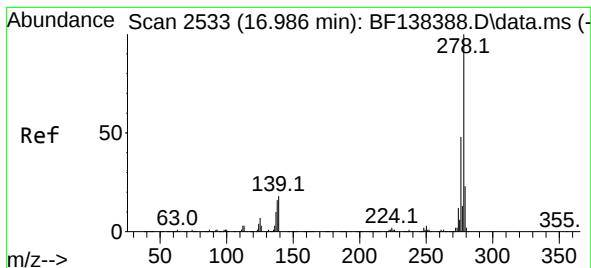
Ion Ratio Lower Upper

252 100

253 21.4 17.6 26.4

125 14.0 10.2 15.2





#91

Dibenzo(a,h)anthracene

Concen: 53.216 ng

RT: 16.986 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

Instrument :

BNA_F

ClientSampleId :

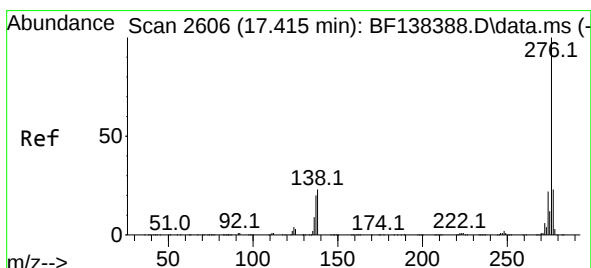
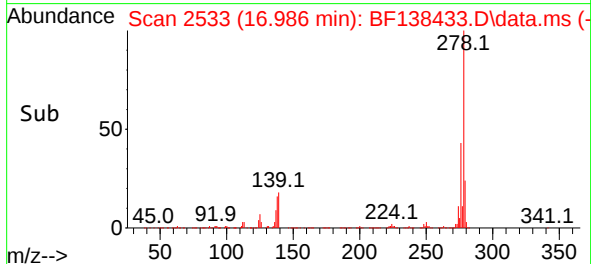
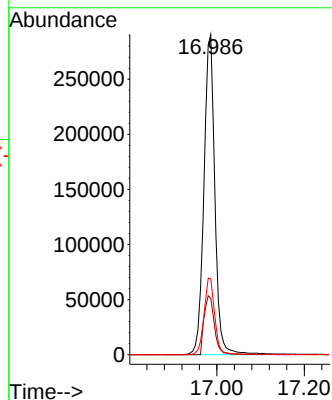
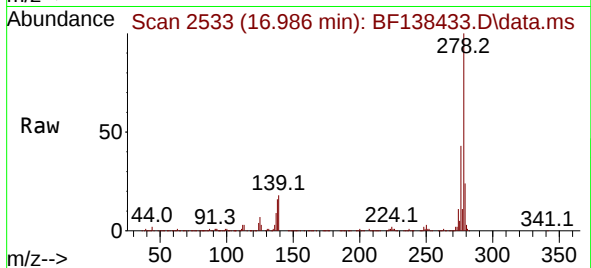
Tgt Ion:278 Resp: 509026

Ion Ratio Lower Upper

278 100

139 17.6 14.3 21.5

279 23.8 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 49.806 ng

RT: 17.410 min Scan# 2605

Delta R.T. -0.006 min

Lab File: BF138433.D

Acq: 02 Jul 2024 18:10

Tgt Ion:276 Resp: 466055

Ion Ratio Lower Upper

276 100

277 24.0 18.3 27.5

138 25.0 18.3 27.5

